New England ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

05/30/07

Technical Report for

GEI Consultants, Inc.

Indoor & Outdoor Air Samples Tufts St., Somerville MA

045162

Accutest Job Number: M64901

Sampling Date: 05/15/07

Report to:

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

ATTN: Raymond Siegener, Ph.D.

Total number of pages in report: **342**

ACCUTEST LABORATORIES 50 YEARS 1956-2006

ACCREDITED IN ACCORDANCE WITH nelac

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

Reza Tand
Lab Director

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

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Sample Summary

GEI Consultants, Inc.

Job No: M64901

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

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
M64901-1	05/15/07	14:57	SLS	05/17/07	AIR	Air	045162-156GLEN-1
M64901-2	05/15/07	15:01	SLS	05/17/07	AIR	Air	045162-156GLEN-B

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:	GEI Consultants, Inc.	**Job No**	M64901
Site:	Indoor & Outdoor Air Samples Tufts St., Somerville MA	**Report Date**	5/30/2007 9:32:44 AM

2 Sample(s) were collected on 05/15/2007 and were received at Accutest on 05/17/2007. These Samples received an Accutest job number of M64901. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

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

Volatiles by GCMS By Method TO-15

Matrix	AIR	**Batch ID:**	MSQ188

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) M64901-1DUP were used as the QC samples indicated.

The Accutest Laboratories of New England certifies that all analysis were performed within method specification. It is further recommended that this report to be used in its entirety.The Accutest Laboratories of NE, Laboratory Director or assignee as verified by the signature on the cover page has authorized the release of this report(M64901).

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	045162-156GLEN-1		
Lab Sample ID:	M64901-1	**Date Sampled:**	05/15/07
Matrix:	AIR - Air Summa ID: M111	**Date Received:**	05/17/07
Method:	TO-15	**Percent Solids:**	n/a
Project:	Indoor & Outdoor Air Samples Tufts St., Somerville MA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q3456.D	1	05/18/07	PB	n/a	n/a	MSQ188
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	83%		57-139%

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

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	045162-156GLEN-B		
Lab Sample ID:	M64901-2	**Date Sampled:**	05/15/07
Matrix:	AIR - Air Summa ID: M116	**Date Received:**	05/17/07
Method:	TO-15	**Percent Solids:**	n/a
Project:	Indoor & Outdoor Air Samples Tufts St., Somerville MA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q3458.D	1	05/18/07	PB	n/a	n/a	MSQ188
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	80%		57-139%

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

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

Misc. Forms

Custody Documents and Other Forms

CHAIN OF CUSTODY

ACCUTEST Laboratories

Air Sampling Field Data Sheet

FED-EX Tracking #:
Bottle Order Control #:
Cab Check #:
Lab Job #: M64901

PAGE 1 OF 2

Client / Reporting Information

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

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

Weather Parameters

Temperature (Fahrenheit)
Start: 61.7 Maximum:
Stop: 78.3 Minimum:
Atmospheric Pressure (inches of Hg)
Start: 29.91 Maximum:
Stop: 29.76 Minimum:
Other weather comment:

Requested Analysis

Standard TO-15 Reporting CBT
MA-DEP-APH

Lab Sample #	Field ID / Point of Collection	Air Type: Indoor(I) Sol Vap(SV) Ambient(A)	Sampling Equipment Info: Canister Serial #	Canister Size 6L or 1L	Flow Controller Serial #	Start Sampling Information: Date	Time (24hr clock)	Canister Pressure (" Hg)	Interior Temp (F)	Sampler Init.	Stop Sampling Information: Date	Time (24hr clock)	Canister Pressure (" Hg)	Interior Temp (F)	Sampler Init.
-1	045162-156Glen-1	I	M111	6L	MFC035	5-15-07	1043	30	64	SLS	5-15-07	1457	5	74.4	SLS
-2	045162-156Glen-B	I	M116	6L	MFC016	5-15-07	1048	30	63.9	SLS	5-15-07	1501	4	72	SLS

Turnaround Time / Business days!

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

Approved By:
Date:

Data Deliverable Information

Comm A
Comm B
Full T1
Other:

Comments / Remarks

please see attached list of analytes

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

Relinquished by Laboratory:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1		1	2 GEI Lab	5/15/07 1000	2
Relinquished by: 3	Date Time: 5-15-07 1800	Received By: 3 GEI Lab	Relinquished By: 4 GEI Lab	Date Time: 5/17/07 1135	Received By: 4
Relinquished By: 5	Date Time: 5/17/07 1135	Received By: 5	Custody Seal #	5/17/07 12 45	

SM013-01 (2/14/05)

M64901: Chain of Custody
Page 1 of 2

Indoor Air Sampling Analyte List

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

Summa Canister and Flow Controller Log

Job Number: M64901
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA
Received: 05/17/07

SUMMA CANISTERS

Shipping							Receiving						
Summa ID	L	Vac " Hg	Date Out	By	SCC Batch	SCC FileID	Sample Number	Date In	By	Vac " Hg	Pres psig	Final psig	Dil Fact
M111	6	29.4	05/08/07	PB	CP407	Q3367A.D	M64901-1	05/18/07	PB	3		-1.5	1
M116	6	29.4	05/08/07	PB	CP406	Q3342A.D	M64901-2	05/18/07	PB	3		-1.5	1

FLOW CONTROLLERS

Shipping					Receiving		
Flow Crtl ID	Date Out	By	cc/ min	Time hrs.	Date In	By	cc/ min
MC016	04/19/07	PB	20	4	05/18/07	PB	20.9
MC035	05/08/07	PB	20	4	05/18/07	PB	20.7

Accutest Bottle Order(s):
PB/4-19-0//GEI/TUFTS ST.
PB/5-8-07/GEI/TUFTS ST. 5-9-07

Prep Date	Room Temp(F)	Bar Pres "Hg
05/08/07	70	29.92

Internal Sample Tracking Chronicle

GEI Consultants, Inc.

Job No: M64901

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

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
M64901-1	Collected: 15-MAY-07 14:57	By: SLS	Received: 17-MAY-07	By: RS		
045162-156GLEN-1						
M64901-1	TO-15	18-MAY-07 18:51	PB			VTO15STD
M64901-2	Collected: 15-MAY-07 15:01	By: SLS	Received: 17-MAY-07	By: RS		
045162-156GLEN-B						
M64901-2	TO-15	18-MAY-07 20:13	PB			VTO15STD

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: M64901
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSQ188-MB	Q3455.D	1	05/18/07	PB	n/a	n/a	MSQ188

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

M64901-1, M64901-2

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

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	78%	57-139%

Method Blank Summary

Job Number: M64901
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSQ181-MB	Q3342.D	1	05/04/07	PB	n/a	n/a	MSQ181

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

MSQ181-SCC

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

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	76%	57-139%

Method Blank Summary

Job Number: M64901
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSQ182-MB	Q3356.D	1	05/07/07	PB	n/a	n/a	MSQ182

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

MSQ182-SCC

CAS No.	Compound	Result	RL	Units	Q	Result	RL	Units
75-00-3	Chloroethane	ND	0.50	ppbv		ND	1.3	ug/m3
56-23-5	Carbon tetrachloride	ND	0.50	ppbv		ND	3.1	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.50	ppbv		ND	2.0	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.50	ppbv		ND	2.0	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.50	ppbv		ND	2.0	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.50	ppbv		ND	2.0	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.50	ppbv		ND	2.0	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.50	ppbv		ND	2.7	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	ppbv		ND	3.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.50	ppbv		ND	2.7	ug/m3
127-18-4	Tetrachloroethylene	ND	0.50	ppbv		ND	3.4	ug/m3
79-01-6	Trichloroethylene	ND	0.50	ppbv		ND	2.7	ug/m3
75-01-4	Vinyl chloride	ND	0.50	ppbv		ND	1.3	ug/m3

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	95%	57-139%

Blank Spike Summary

Job Number: M64901
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSQ188-BS	Q3453A.D	1	05/18/07	PB	n/a	n/a	MSQ188

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

M64901-1, M64901-2

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	Limits
75-00-3	Chloroethane	10	8.9	89	70-130
56-23-5	Carbon tetrachloride	10	9.5	95	70-130
75-34-3	1,1-Dichloroethane	10	12.4	124	70-130
75-35-4	1,1-Dichloroethylene	10	10.5	105	70-130
107-06-2	1,2-Dichloroethane	10	9.6	96	70-130
156-60-5	trans-1,2-Dichloroethylene	10	10.8	108	70-130
156-59-2	cis-1,2-Dichloroethylene	10	8.5	85	70-130
71-55-6	1,1,1-Trichloroethane	10	9.5	95	70-130
79-34-5	1,1,2,2-Tetrachloroethane	10	10.8	108	70-130
79-00-5	1,1,2-Trichloroethane	10	9.0	90	70-130
127-18-4	Tetrachloroethylene	10	10.6	106	70-130
79-01-6	Trichloroethylene	10	9.6	96	70-130
75-01-4	Vinyl chloride	10	7.3	73	70-130

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

Blank Spike Summary

Job Number: M64901
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSQ181-BS	Q3341B.D	1	05/04/07	PB	n/a	n/a	MSQ181

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

MSQ181-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	Limits
75-00-3	Chloroethane	10	9.7	97	70-130
56-23-5	Carbon tetrachloride	10	8.2	82	70-130
75-34-3	1,1-Dichloroethane	10	9.5	95	70-130
75-35-4	1,1-Dichloroethylene	10	10.6	106	70-130
107-06-2	1,2-Dichloroethane	10	7.6	76	70-130
156-60-5	trans-1,2-Dichloroethylene	10	9.4	94	70-130
156-59-2	cis-1,2-Dichloroethylene	10	8.2	82	70-130
71-55-6	1,1,1-Trichloroethane	10	7.9	79	70-130
79-34-5	1,1,2,2-Tetrachloroethane	10	7.9	79	70-130
79-00-5	1,1,2-Trichloroethane	10	8.5	85	70-130
127-18-4	Tetrachloroethylene	10	8.6	86	70-130
79-01-6	Trichloroethylene	10	8.5	85	70-130
75-01-4	Vinyl chloride	10	8.3	83	70-130

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

Blank Spike Summary

Job Number: M64901
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSQ182-BS	Q3355A.D	1	05/07/07	PB	n/a	n/a	MSQ182

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

MSQ182-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	Limits
75-00-3	Chloroethane	10	10.4	104	70-130
56-23-5	Carbon tetrachloride	10	10.1	101	70-130
75-34-3	1,1-Dichloroethane	10	9.2	92	70-130
75-35-4	1,1-Dichloroethylene	10	12.5	125	70-130
107-06-2	1,2-Dichloroethane	10	9.6	96	70-130
156-60-5	trans-1,2-Dichloroethylene	10	10.2	102	70-130
156-59-2	cis-1,2-Dichloroethylene	10	9.8	98	70-130
71-55-6	1,1,1-Trichloroethane	10	9.7	97	70-130
79-34-5	1,1,2,2-Tetrachloroethane	10	9.6	96	70-130
79-00-5	1,1,2-Trichloroethane	10	10.1	101	70-130
127-18-4	Tetrachloroethylene	10	10.2	102	70-130
79-01-6	Trichloroethylene	10	10.0	100	70-130
75-01-4	Vinyl chloride	10	9.4	94	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	106%	57-139%

Duplicate Summary

Job Number: M64901
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
M64901-1DUP	Q3457.D	1	05/18/07	PB	n/a	n/a	MSQ188
M64901-1	Q3456.D	1	05/18/07	PB	n/a	n/a	MSQ188

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

M64901-1, M64901-2

CAS No.	Compound	M64901-1 ppbv	Q	DUP ppbv	Q	RPD	Limits
75-00-3	Chloroethane	ND		ND		nc	25
56-23-5	Carbon tetrachloride	ND		ND		nc	25
75-34-3	1,1-Dichloroethane	ND		ND		nc	25
75-35-4	1,1-Dichloroethylene	ND		ND		nc	25
107-06-2	1,2-Dichloroethane	ND		ND		nc	25
156-60-5	trans-1,2-Dichloroethylene	ND		ND		nc	25
156-59-2	cis-1,2-Dichloroethylene	ND		ND		nc	25
71-55-6	1,1,1-Trichloroethane	ND		ND		nc	25
79-34-5	1,1,2,2-Tetrachloroethane	ND		ND		nc	25
79-00-5	1,1,2-Trichloroethane	ND		ND		nc	25
127-18-4	Tetrachloroethylene	ND		ND		nc	25
79-01-6	Trichloroethylene	ND		ND		nc	25
75-01-4	Vinyl chloride	ND		ND		nc	25

CAS No.	Surrogate Recoveries	DUP	M64901-1	Limits
460-00-4	4-Bromofluorobenzene	81%	83%	57-139%

Summa Cleaning Certification

Job Number: M64901
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSQ181-SCC	Q3342A.D	1	05/04/07	PB	n/a	n/a	MSQ181

The QC reported here (Summa M116) applies to the following samples: **Method:** TO-15

Batch CP406 cleaned 04/30/07: M64901-2(M116)

CAS No.	Compound	Result	RL	Units	Q	Result	RL	Units
75-00-3	Chloroethane	ND	0.50	ppbv		ND	1.3	ug/m3
56-23-5	Carbon tetrachloride	ND	0.50	ppbv		ND	3.1	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.50	ppbv		ND	2.0	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.50	ppbv		ND	2.0	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.50	ppbv		ND	2.0	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.50	ppbv		ND	2.0	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.50	ppbv		ND	2.0	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.50	ppbv		ND	2.7	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	ppbv		ND	3.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.50	ppbv		ND	2.7	ug/m3
127-18-4	Tetrachloroethylene	ND	0.50	ppbv		ND	3.4	ug/m3
79-01-6	Trichloroethylene	ND	0.50	ppbv		ND	2.7	ug/m3
75-01-4	Vinyl chloride	ND	0.50	ppbv		ND	1.3	ug/m3

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	76%	57-139%

Summa Cleaning Certification

Job Number: M64901
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSQ182-SCC	Q3356A.D	1	05/07/07	PB	n/a	n/a	MSQ182

The QC reported here (Summa M111) applies to the following samples: **Method:** TO-15

Batch CP407 cleaned 05/01/07: M64901-1(M111)

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

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	95%	57-139%

Instrument Performance Check (BFB)

Job Number: M64901
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample: MSQ180-BFB
Lab File ID: Q3333.D
Instrument ID: GCMSQ
Injection Date: 05/03/07
Injection Time: 17:52

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	42294	26.5		Pass
75	30.0 - 66.0% of mass 95	95074	59.6		Pass
95	Base peak, 100% relative abundance	159520	100.0		Pass
96	5.0 - 9.0% of mass 95	9974	6.3		Pass
173	Less than 2.0% of mass 174	1288	0.81	(1.1) [a]	Pass
174	50.0 - 120.0% of mass 95	117362	73.6		Pass
175	4.0 - 9.0% of mass 174	7854	4.9	(6.7) [a]	Pass
176	93.0 - 101.0% of mass 174	111676	70.0	(95.2) [a]	Pass
177	5.0 - 9.0% of mass 176	7381	4.6	(6.6) [b]	Pass

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

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

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
MSQ180-IC180	Q3333.D	05/03/07	17:52	00:00	Initial cal 40
MSQ180-IC180	Q3334.D	05/04/07	09:46	15:54	Initial cal 20
MSQ180-ICC180	Q3335.D	05/04/07	10:27	16:35	Initial cal 10
MSQ180-IC180	Q3336.D	05/04/07	11:06	17:14	Initial cal 5
MSQ180-IC180	Q3337.D	05/04/07	12:03	18:11	Initial cal 2
MSQ180-IC180	Q3338.D	05/04/07	12:52	19:00	Initial cal .5
MSQ180-IC180	Q3339.D	05/04/07	14:01	20:09	Initial cal .2

Instrument Performance Check (BFB)

Job Number: M64901
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample: MSQ181-BFB
Lab File ID: Q3341.D
Instrument ID: GCMSQ
Injection Date: 05/04/07
Injection Time: 15:31

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	38916	25.2		Pass
75	30.0 - 66.0% of mass 95	88356	57.2		Pass
95	Base peak, 100% relative abundance	154463	100.0		Pass
96	5.0 - 9.0% of mass 95	10096	6.5		Pass
173	Less than 2.0% of mass 174	764	0.49	(0.72) [a]	Pass
174	50.0 - 120.0% of mass 95	106544	69.0		Pass
175	4.0 - 9.0% of mass 174	6645	4.3	(6.2) [a]	Pass
176	93.0 - 101.0% of mass 174	103272	66.9	(96.9) [a]	Pass
177	5.0 - 9.0% of mass 176	6042	3.9	(5.9) [b]	Pass

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

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

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
MSQ181-CC180	Q3341.D	05/04/07	15:31	00:00	Continuing cal 10
MSQ181-BS	Q3341B.D	05/04/07	15:31	00:00	Blank Spike
MSQ181-ICV180	Q3341A.D	05/04/07	15:31	00:00	Initial cal verification 10
MSQ181-MB	Q3342.D	05/04/07	16:46	01:15	Method Blank
MSQ181-SCC	Q3342A.D	05/04/07	16:46	01:15	Summa Cleaning Certification
M64501-1	Q3343.D	05/04/07	17:32	02:01	(used for QC only; not part of job M64901)
M64501-1DUP	Q3344.D	05/04/07	18:18	02:47	Duplicate
ZZZZZZ	Q3345.D	05/04/07	19:03	03:32	(unrelated sample)
ZZZZZZ	Q3346.D	05/04/07	19:50	04:19	(unrelated sample)
ZZZZZZ	Q3347.D	05/05/07	07:57	16:26	(unrelated sample)
ZZZZZZ	Q3349.D	05/05/07	09:28	17:57	(unrelated sample)
ZZZZZZ	Q3350.D	05/05/07	10:15	18:44	(unrelated sample)
ZZZZZZ	Q3351.D	05/05/07	11:00	19:29	(unrelated sample)
ZZZZZZ	Q3352.D	05/05/07	11:45	20:14	(unrelated sample)
ZZZZZZ	Q3353.D	05/05/07	12:30	20:59	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: M64901
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample: MSQ182-BFB
Lab File ID: Q3355.D
Instrument ID: GCMSQ
Injection Date: 05/07/07
Injection Time: 11:02

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	40788	27.1		Pass
75	30.0 - 66.0% of mass 95	86436	57.4		Pass
95	Base peak, 100% relative abundance	150512	100.0		Pass
96	5.0 - 9.0% of mass 95	11562	7.7		Pass
173	Less than 2.0% of mass 174	529	0.35	(0.5) [a]	Pass
174	50.0 - 120.0% of mass 95	106430	70.7		Pass
175	4.0 - 9.0% of mass 174	6766	4.5	(6.4) [a]	Pass
176	93.0 - 101.0% of mass 174	103986	69.1	(97.7) [a]	Pass
177	5.0 - 9.0% of mass 176	6023	4.0	(5.8) [b]	Pass

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

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

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
MSQ182-CC180	Q3355.D	05/07/07	11:02	00:00	Continuing cal 10
MSQ182-BS	Q3355A.D	05/07/07	11:02	00:00	Blank Spike
MSQ182-MB	Q3356.D	05/07/07	11:51	00:49	Method Blank
MSQ182-SCC	Q3356A.D	05/07/07	11:51	00:49	Summa Cleaning Certification
M64265-3	Q3357.D	05/07/07	12:33	01:31	(used for QC only; not part of job M64901)
M64265-3DUP	Q3358.D	05/07/07	13:18	02:16	Duplicate
MSQ182-SCC	Q3359.D	05/07/07	14:05	03:03	Summa Cleaning Certification
MSQ182-SCC	Q3360.D	05/07/07	14:50	03:48	Summa Cleaning Certification
MSQ182-SCC	Q3361.D	05/07/07	15:35	04:33	Summa Cleaning Certification
MSQ182-SCC	Q3362.D	05/07/07	16:17	05:15	Summa Cleaning Certification
MSQ182-SCC	Q3364.D	05/08/07	09:02	22:00	Summa Cleaning Certification
MSQ182-SCC	Q3365.D	05/08/07	10:25	23:23	Summa Cleaning Certification

Instrument Performance Check (BFB)

Job Number: M64901
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

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

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

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

Instrument Performance Check (BFB)

Job Number: M64901
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample: MSQ188-BFB
Lab File ID: Q3453.D
Instrument ID: GCMSQ
Injection Date: 05/18/07
Injection Time: 16:25

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	38392	35.0		Pass
75	30.0 - 66.0% of mass 95	64080	58.4		Pass
95	Base peak, 100% relative abundance	109740	100.0		Pass
96	5.0 - 9.0% of mass 95	7176	6.5		Pass
173	Less than 2.0% of mass 174	813	0.74	(1.5) [a]	Pass
174	50.0 - 120.0% of mass 95	54988	50.1		Pass
175	4.0 - 9.0% of mass 174	3801	3.5	(6.9) [a]	Pass
176	93.0 - 101.0% of mass 174	51940	47.3	(94.5) [a]	Pass
177	5.0 - 9.0% of mass 176	2774	2.5	(5.3) [b]	Pass

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

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

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
MSQ188-CC185	Q3453.D	05/18/07	16:25	00:00	Continuing cal 10
MSQ188-BS	Q3453A.D	05/18/07	16:25	00:00	Blank Spike
MSQ188-MB	Q3455.D	05/18/07	18:11	01:46	Method Blank
M64901-1	Q3456.D	05/18/07	18:51	02:26	045162-156GLEN-1
M64901-1DUP	Q3457.D	05/18/07	19:32	03:07	Duplicate
M64901-2	Q3458.D	05/18/07	20:13	03:48	045162-156GLEN-B
ZZZZZZ	Q3459.D	05/18/07	20:53	04:28	(unrelated sample)
ZZZZZZ	Q3460.D	05/18/07	21:33	05:08	(unrelated sample)
ZZZZZZ	Q3461.D	05/18/07	22:14	05:49	(unrelated sample)
ZZZZZZ	Q3463.D	05/18/07	23:33	07:08	(unrelated sample)
ZZZZZZ	Q3464.D	05/19/07	00:14	07:49	(unrelated sample)
ZZZZZZ	Q3465.D	05/19/07	00:54	08:29	(unrelated sample)
ZZZZZZ	Q3466.D	05/19/07	01:36	09:11	(unrelated sample)
ZZZZZZ	Q3467.D	05/19/07	02:17	09:52	(unrelated sample)
ZZZZZZ	Q3468.D	05/19/07	02:58	10:33	(unrelated sample)
ZZZZZZ	Q3469.D	05/19/07	03:38	11:13	(unrelated sample)
ZZZZZZ	Q3470.D	05/19/07	04:19	11:54	(unrelated sample)

Volatile Internal Standard Area Summary

Job Number: M64901
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Check Std:	MSQ181-CC180	**Injection Date:**	05/04/07
Lab File ID:	Q3341.D	**Injection Time:**	15:31
Instrument ID:	GCMSQ	**Method:**	TO-15

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
Check Std	186085	8.64	801024	10.47	676596	14.72
Upper Limit [a]	260519	8.97	1121434	10.80	947234	15.05
Lower Limit [b]	111651	8.31	480614	10.14	405958	14.39

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
MSQ181-BS	186085	8.64	801024	10.47	676596	14.72
MSQ181-MB	140470	8.65	599693	10.48	459105	14.72
MSQ181-SCC	140470	8.65	599693	10.48	459105	14.72
M64501-1	151343	8.66	679672	10.48	554986	14.72
M64501-1DUP	147089	8.64	634650	10.47	531651	14.72
ZZZZZZ	150720	8.65	652233	10.48	523434	14.72
ZZZZZZ	156207	8.64	681057	10.47	564372	14.72
ZZZZZZ	160291	8.64	719011	10.47	608957	14.72
ZZZZZZ	160903	8.63	700245	10.46	581231	14.72
ZZZZZZ	154490	8.64	680475	10.47	549976	14.71
ZZZZZZ	158239	8.64	695578	10.46	576967	14.71
ZZZZZZ	150704	8.63	659968	10.46	534621	14.71
ZZZZZZ	149145	8.63	649364	10.46	566557	14.71

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

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

Volatile Internal Standard Area Summary

Job Number: M64901
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Check Std:	MSQ182-CC180	**Injection Date:**	05/07/07
Lab File ID:	Q3355.D	**Injection Time:**	11:02
Instrument ID:	GCMSQ	**Method:**	TO-15

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
Check Std	153594	8.64	714489	10.47	589562	14.72
Upper Limit [a]	215032	8.97	1000285	10.80	825387	15.05
Lower Limit [b]	92156	8.31	428693	10.14	353737	14.39

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
MSQ182-BS	153594	8.64	714489	10.47	589562	14.72
MSQ182-MB	150065	8.64	645291	10.47	525848	14.72
MSQ182-SCC	150065	8.64	645291	10.47	525848	14.72
M64265-3	154258	8.65	649961	10.48	523506	14.72
M64265-3DUP	143790	8.64	655919	10.47	533966	14.72
MSQ182-SCC	139338	8.64	634871	10.47	500117	14.72
MSQ182-SCC	148229	8.64	641070	10.47	520303	14.72
MSQ182-SCC	142428	8.64	634148	10.47	509139	14.72
MSQ182-SCC	133827	8.78	584699	10.55	449796	14.75
MSQ182-SCC	128184	8.64	532664	10.47	431623	14.72
MSQ182-SCC	110905	8.64	448457	10.47	358810	14.72

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

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

Volatile Internal Standard Area Summary

Job Number: M64901
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Check Std:	MSQ188-CC185	**Injection Date:**	05/18/07
Lab File ID:	Q3453.D	**Injection Time:**	16:25
Instrument ID:	GCMSQ	**Method:**	TO-15

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
Check Std	116026	8.43	549054	10.35	452086	14.70
Upper Limit [a]	162436	8.76	768676	10.68	632920	15.03
Lower Limit [b]	69616	8.10	329432	10.02	271252	14.37

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
MSQ188-BS	116026	8.43	549054	10.35	452086	14.70
MSQ188-MB	96562	8.43	410447	10.35	355669	14.69
M64901-1	100430	8.43	431971	10.35	386293	14.70
M64901-1DUP	96578	8.44	437747	10.35	391350	14.70
M64901-2	94928	8.43	432070	10.35	382569	14.69
ZZZZZZ	85780	8.45	390350	10.36	376427	14.70
ZZZZZZ	79885	8.45	358659	10.36	334989	14.70
ZZZZZZ	88792	8.42	433599	10.35	379247	14.70
ZZZZZZ	90042	8.43	469809	10.35	364901	14.70
ZZZZZZ	83953	8.42	369438	10.34	321453	14.69
ZZZZZZ	78431	8.44	358188	10.35	298888	14.70
ZZZZZZ	75312	8.44	343233	10.35	303883	14.70
ZZZZZZ	77114	8.43	339656	10.35	287108	14.70
ZZZZZZ	76161	8.43	330002	10.35	286014	14.69
ZZZZZZ	74297	8.44	331260	10.36	289645	14.70
ZZZZZZ	73348	8.44	329630	10.35	310112	14.70

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

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

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64901
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ180-IC180	Q3333.D	05/03/07 17:52	PB	40	GCMSQ	TO-15	Reporting this level
MSQ180-IC180	Q3334.D	05/04/07 09:46	PB	20	GCMSQ	TO-15	
MSQ180-ICC180	Q3335.D	05/04/07 10:27	PB	10	GCMSQ	TO-15	
MSQ180-IC180	Q3336.D	05/04/07 11:06	PB	5	GCMSQ	TO-15	
MSQ180-IC180	Q3337.D	05/04/07 12:03	PB	2	GCMSQ	TO-15	
MSQ180-IC180	Q3338.D	05/04/07 12:52	PB	.5	GCMSQ	TO-15	
MSQ180-IC180	Q3339.D	05/04/07 14:01	PB	.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.60	8.65	0.647	ok	0.649	0.589-0.709
1,3-Butadiene	4.56	8.65	0.527	ok	0.528	0.468-0.588
Benzene	10.17	10.48	0.970	ok	0.971	0.911-1.031
Bromodichloromethane	11.13	10.48	1.062	ok	1.062	1.002-1.122
Bromoform	15.45	14.72	1.050	ok	1.049	0.989-1.109
Bromomethane	4.84	8.65	0.560	ok	0.560	0.500-0.620
Bromoethene	5.38	8.65	0.622	ok	0.622	0.562-0.682
Benzyl Chloride	17.94	14.72	1.219	ok	1.218	1.158-1.278
Carbon disulfide	6.87	8.65	0.794	ok	0.795	0.735-0.855
Chlorobenzene	14.77	14.72	1.003	ok	1.003	0.943-1.063
Chloroethane	5.02	8.65	0.580	ok	0.580	0.520-0.640
Chloroform	8.77	8.65	1.014	ok	1.014	0.954-1.074
Chloromethane	4.20	8.65	0.486	ok	0.486	0.426-0.546
3-Chloropropene	6.67	8.65	0.771	ok	0.772	0.712-0.832
2-Chlorotoluene	17.04	14.72	1.158	ok	1.157	1.097-1.217
Carbon tetrachloride	10.31	8.65	1.192	ok	1.192	1.132-1.252
Cyclohexane	10.43	10.48	0.995	ok	0.996	0.936-1.056
1,1-Dichloroethane	7.68	8.65	0.888	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.44	8.65	0.745	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.62	14.72	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.48	8.65	1.096	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.94	10.48	1.044	ok	1.045	0.985-1.105
1,4-Dioxane	11.14	10.48	1.063	ok	1.064	1.004-1.124
Dichlorodifluoromethane	4.04	8.65	0.467	ok	0.468	0.408-0.528
Dibromochloromethane	13.37	14.72	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.48	8.65	0.865	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.49	8.65	0.982	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.98	10.48	1.143	ok	1.144	1.084-1.204
m-Dichlorobenzene	17.96	14.72	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.42	14.72	1.251	ok	1.251	1.191-1.311
p-Dichlorobenzene	18.03	14.72	1.225	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.48	10.48	1.191	ok	1.192	1.132-1.252
Ethanol	5.11	8.65	0.591	ok	0.591	0.531-0.651
Ethylbenzene	15.15	14.72	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.68	8.65	1.003	ok	1.004	0.944-1.064
4-Ethyltoluene	17.23	14.72	1.171	ok	1.170	1.110-1.230
Freon 113	6.81	8.65	0.787	ok	0.788	0.728-0.848
Freon 114	4.31	8.65	0.498	ok	0.498	0.438-0.558
Heptane	11.43	10.48	1.091	ok	1.091	1.031-1.151
Hexachlorobutadiene	20.62	14.72	1.401	ok	1.412	1.352-1.472
Hexane	8.68	8.65	1.003	ok	1.004	0.944-1.064

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64901
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ180-IC180	Q3333.D	05/03/07 17:52	PB	40	GCMSQ	TO-15	Reporting this level
MSQ180-IC180	Q3334.D	05/04/07 09:46	PB	20	GCMSQ	TO-15	
MSQ180-ICC180	Q3335.D	05/04/07 10:27	PB	10	GCMSQ	TO-15	
MSQ180-IC180	Q3336.D	05/04/07 11:06	PB	5	GCMSQ	TO-15	
MSQ180-IC180	Q3337.D	05/04/07 12:03	PB	2	GCMSQ	TO-15	
MSQ180-IC180	Q3338.D	05/04/07 12:52	PB	.5	GCMSQ	TO-15	
MSQ180-IC180	Q3339.D	05/04/07 14:01	PB	.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.16	14.72	0.894	ok	0.894	0.834-0.954
Isopropylbenzene	16.49	14.72	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.84	8.65	0.675	ok	0.675	0.615-0.735
Methylene chloride	6.55	8.65	0.757	ok	0.758	0.698-0.818
Methyl ethyl ketone	8.04	8.65	0.929	ok	0.931	0.871-0.991
Methyl Isobutyl Ketone	11.99	10.48	1.144	ok	1.145	1.085-1.205
Methyl Tert Butyl Ether	7.72	8.65	0.892	ok	0.893	0.833-0.953
Nonane	16.05	14.72	1.090	ok	1.090	1.030-1.150
Pentane	6.16	8.65	0.712	ok	0.712	0.652-0.772
Propylene	3.97	8.65	0.459	ok	0.459	0.399-0.519
Styrene	15.73	14.72	1.069	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.72	8.65	1.124	ok	1.124	1.064-1.184
1,1,2,2-Tetrachloroethane	15.84	14.72	1.076	ok	1.075	1.015-1.135
1,1,2-Trichloroethane	12.66	10.48	1.208	ok	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.32	14.72	1.380	ok	1.381	1.321-1.441
1,2,4-Trimethylbenzene	17.78	14.72	1.208	ok	1.207	1.147-1.267
1,3,5-Trimethylbenzene	17.31	14.72	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.19	10.48	1.068	ok	1.068	1.008-1.128
Tertiary Butyl Alcohol	6.44	8.65	0.745	ok	0.746	0.686-0.806
Tetrachloroethylene	14.08	14.72	0.957	ok	0.956	0.896-1.016
Tetrahydrofuran	9.14	8.65	1.057	ok	1.059	0.999-1.119
Toluene	12.94	10.48	1.235	ok	1.236	1.176-1.296
Trichloroethylene	11.16	10.48	1.065	ok	1.066	1.006-1.126
Trichlorofluoromethane	5.80	8.65	0.671	ok	0.671	0.611-0.731
Vinyl chloride	4.43	8.65	0.512	ok	0.512	0.452-0.572
Vinyl Acetate	7.80	8.65	0.902	ok	0.902	0.842-0.962
m,p-Xylene	15.35	14.72	1.043	ok	1.042	0.982-1.102
o-Xylene	15.85	14.72	1.077	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.65	ok	8.64	8.31-8.97	162299	ok	168139	100883-235395
1,4-Difluorobenzene	10.48	ok	10.47	10.14-10.80	778867	ok	784030	470418-1097642
Chlorobenzene-D5	14.72	ok	14.72	14.39-15.05	670528	ok	648414	389048-907780

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64901
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ180-IC180	Q3333.D	05/03/07 17:52	PB	40	GCMSQ	TO-15	
MSQ180-IC180	Q3334.D	05/04/07 09:46	PB	20	GCMSQ	TO-15	Reporting this level
MSQ180-ICC180	Q3335.D	05/04/07 10:27	PB	10	GCMSQ	TO-15	
MSQ180-IC180	Q3336.D	05/04/07 11:06	PB	5	GCMSQ	TO-15	
MSQ180-IC180	Q3337.D	05/04/07 12:03	PB	2	GCMSQ	TO-15	
MSQ180-IC180	Q3338.D	05/04/07 12:52	PB	.5	GCMSQ	TO-15	
MSQ180-IC180	Q3339.D	05/04/07 14:01	PB	.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.61	8.64	0.649	ok	0.649	0.589-0.709
1,3-Butadiene	4.57	8.64	0.529	ok	0.528	0.468-0.588
Benzene	10.16	10.47	0.970	ok	0.971	0.911-1.031
Bromodichloromethane	11.12	10.47	1.062	ok	1.062	1.002-1.122
Bromoform	15.44	14.72	1.049	ok	1.049	0.989-1.109
Bromomethane	4.85	8.64	0.561	ok	0.560	0.500-0.620
Bromoethene	5.38	8.64	0.623	ok	0.622	0.562-0.682
Benzyl Chloride	17.93	14.72	1.218	ok	1.218	1.158-1.278
Carbon disulfide	6.87	8.64	0.795	ok	0.795	0.735-0.855
Chlorobenzene	14.77	14.72	1.003	ok	1.003	0.943-1.063
Chloroethane	5.02	8.64	0.581	ok	0.580	0.520-0.640
Chloroform	8.76	8.64	1.014	ok	1.014	0.954-1.074
Chloromethane	4.21	8.64	0.487	ok	0.486	0.426-0.546
3-Chloropropene	6.67	8.64	0.772	ok	0.772	0.712-0.832
2-Chlorotoluene	17.04	14.72	1.158	ok	1.157	1.097-1.217
Carbon tetrachloride	10.31	8.64	1.193	ok	1.192	1.132-1.252
Cyclohexane	10.43	10.47	0.996	ok	0.996	0.936-1.056
1,1-Dichloroethane	7.68	8.64	0.889	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.44	8.64	0.745	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.62	14.72	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.48	8.64	1.097	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.94	10.47	1.045	ok	1.045	0.985-1.105
1,4-Dioxane	11.14	10.47	1.064	ok	1.064	1.004-1.124
Dichlorodifluoromethane	4.05	8.64	0.469	ok	0.468	0.408-0.528
Dibromochloromethane	13.37	14.72	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.48	8.64	0.866	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.49	8.64	0.983	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.98	10.47	1.144	ok	1.144	1.084-1.204
m-Dichlorobenzene	17.96	14.72	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.42	14.72	1.251	ok	1.251	1.191-1.311
p-Dichlorobenzene	18.03	14.72	1.225	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.47	10.47	1.191	ok	1.192	1.132-1.252
Ethanol	5.11	8.64	0.591	ok	0.591	0.531-0.651
Ethylbenzene	15.14	14.72	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.67	8.64	1.003	ok	1.004	0.944-1.064
4-Ethyltoluene	17.23	14.72	1.171	ok	1.170	1.110-1.230
Freon 113	6.82	8.64	0.789	ok	0.788	0.728-0.848
Freon 114	4.31	8.64	0.499	ok	0.498	0.438-0.558
Heptane	11.42	10.47	1.091	ok	1.091	1.031-1.151
Hexachlorobutadiene	20.81	14.72	1.414	ok	1.412	1.352-1.472
Hexane	8.68	8.64	1.005	ok	1.004	0.944-1.064

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64901
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ180-IC180	Q3333.D	05/03/07 17:52	PB	40	GCMSQ	TO-15	
MSQ180-IC180	Q3334.D	05/04/07 09:46	PB	20	GCMSQ	TO-15	Reporting this level
MSQ180-ICC180	Q3335.D	05/04/07 10:27	PB	10	GCMSQ	TO-15	
MSQ180-IC180	Q3336.D	05/04/07 11:06	PB	5	GCMSQ	TO-15	
MSQ180-IC180	Q3337.D	05/04/07 12:03	PB	2	GCMSQ	TO-15	
MSQ180-IC180	Q3338.D	05/04/07 12:52	PB	.5	GCMSQ	TO-15	
MSQ180-IC180	Q3339.D	05/04/07 14:01	PB	.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.15	14.72	0.893	ok	0.894	0.834-0.954
Isopropylbenzene	16.49	14.72	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.83	8.64	0.675	ok	0.675	0.615-0.735
Methylene chloride	6.55	8.64	0.758	ok	0.758	0.698-0.818
Methyl ethyl ketone	8.04	8.64	0.931	ok	0.931	0.871-0.991
Methyl Isobutyl Ketone	11.99	10.47	1.145	ok	1.145	1.085-1.205
Methyl Tert Butyl Ether	7.72	8.64	0.894	ok	0.893	0.833-0.953
Nonane	16.04	14.72	1.090	ok	1.090	1.030-1.150
Pentane	6.16	8.64	0.713	ok	0.712	0.652-0.772
Propylene	3.97	8.64	0.459	ok	0.459	0.399-0.519
Styrene	15.72	14.72	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.72	8.64	1.125	ok	1.124	1.064-1.184
1,1,2,2-Tetrachloroethane	15.83	14.72	1.075	ok	1.075	1.015-1.135
1,1,2-Trichloroethane	12.66	10.47	1.209	ok	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.32	14.72	1.380	ok	1.381	1.321-1.441
1,2,4-Trimethylbenzene	17.78	14.72	1.208	ok	1.207	1.147-1.267
1,3,5-Trimethylbenzene	17.31	14.72	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.18	10.47	1.068	ok	1.068	1.008-1.128
Tertiary Butyl Alcohol	6.43	8.64	0.744	ok	0.746	0.686-0.806
Tetrachloroethylene	14.07	14.72	0.956	ok	0.956	0.896-1.016
Tetrahydrofuran	9.15	8.64	1.059	ok	1.059	0.999-1.119
Toluene	12.94	10.47	1.236	ok	1.236	1.176-1.296
Trichloroethylene	11.16	10.47	1.066	ok	1.066	1.006-1.126
Trichlorofluoromethane	5.80	8.64	0.671	ok	0.671	0.611-0.731
Vinyl chloride	4.43	8.64	0.513	ok	0.512	0.452-0.572
Vinyl Acetate	7.80	8.64	0.903	ok	0.902	0.842-0.962
m,p-Xylene	15.34	14.72	1.042	ok	1.042	0.982-1.102
o-Xylene	15.84	14.72	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.64	ok	8.64	8.31-8.97	162679	ok	168139	100883-235395
1,4-Difluorobenzene	10.47	ok	10.47	10.14-10.80	808573	ok	784030	470418-1097642
Chlorobenzene-D5	14.72	ok	14.72	14.39-15.05	666530	ok	648414	389048-907780

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64901
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ180-IC180	Q3333.D	05/03/07 17:52	PB	40	GCMSQ	TO-15	
MSQ180-IC180	Q3334.D	05/04/07 09:46	PB	20	GCMSQ	TO-15	
MSQ180-ICC180	Q3335.D	05/04/07 10:27	PB	10	GCMSQ	TO-15	Reporting this level
MSQ180-IC180	Q3336.D	05/04/07 11:06	PB	5	GCMSQ	TO-15	
MSQ180-IC180	Q3337.D	05/04/07 12:03	PB	2	GCMSQ	TO-15	
MSQ180-IC180	Q3338.D	05/04/07 12:52	PB	.5	GCMSQ	TO-15	
MSQ180-IC180	Q3339.D	05/04/07 14:01	PB	.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.60	8.64	0.648	ok	0.649	0.589-0.709
1,3-Butadiene	4.56	8.64	0.528	ok	0.528	0.468-0.588
Benzene	10.16	10.47	0.970	ok	0.971	0.911-1.031
Bromodichloromethane	11.12	10.47	1.062	ok	1.062	1.002-1.122
Bromoform	15.44	14.72	1.049	ok	1.049	0.989-1.109
Bromomethane	4.84	8.64	0.560	ok	0.560	0.500-0.620
Bromoethene	5.37	8.64	0.622	ok	0.622	0.562-0.682
Benzyl Chloride	17.94	14.72	1.219	ok	1.218	1.158-1.278
Carbon disulfide	6.87	8.64	0.795	ok	0.795	0.735-0.855
Chlorobenzene	14.77	14.72	1.003	ok	1.003	0.943-1.063
Chloroethane	5.01	8.64	0.580	ok	0.580	0.520-0.640
Chloroform	8.76	8.64	1.014	ok	1.014	0.954-1.074
Chloromethane	4.21	8.64	0.487	ok	0.486	0.426-0.546
3-Chloropropene	6.67	8.64	0.772	ok	0.772	0.712-0.832
2-Chlorotoluene	17.04	14.72	1.158	ok	1.157	1.097-1.217
Carbon tetrachloride	10.30	8.64	1.192	ok	1.192	1.132-1.252
Cyclohexane	10.43	10.47	0.996	ok	0.996	0.936-1.056
1,1-Dichloroethane	7.67	8.64	0.888	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.43	8.64	0.744	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.62	14.72	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.47	8.64	1.096	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.94	10.47	1.045	ok	1.045	0.985-1.105
1,4-Dioxane	11.15	10.47	1.065	ok	1.064	1.004-1.124
Dichlorodifluoromethane	4.04	8.64	0.468	ok	0.468	0.408-0.528
Dibromochloromethane	13.37	14.72	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.47	8.64	0.865	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.48	8.64	0.981	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.98	10.47	1.144	ok	1.144	1.084-1.204
m-Dichlorobenzene	17.96	14.72	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.42	14.72	1.251	ok	1.251	1.191-1.311
p-Dichlorobenzene	18.03	14.72	1.225	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.48	10.47	1.192	ok	1.192	1.132-1.252
Ethanol	5.10	8.64	0.590	ok	0.591	0.531-0.651
Ethylbenzene	15.15	14.72	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.67	8.64	1.003	ok	1.004	0.944-1.064
4-Ethyltoluene	17.23	14.72	1.171	ok	1.170	1.110-1.230
Freon 113	6.81	8.64	0.788	ok	0.788	0.728-0.848
Freon 114	4.30	8.64	0.498	ok	0.498	0.438-0.558
Heptane	11.42	10.47	1.091	ok	1.091	1.031-1.151
Hexachlorobutadiene	20.81	14.72	1.414	ok	1.412	1.352-1.472
Hexane	8.67	8.64	1.003	ok	1.004	0.944-1.064

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64901
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ180-IC180	Q3333.D	05/03/07 17:52	PB	40	GCMSQ	TO-15	
MSQ180-IC180	Q3334.D	05/04/07 09:46	PB	20	GCMSQ	TO-15	
MSQ180-ICC180	Q3335.D	05/04/07 10:27	PB	10	GCMSQ	TO-15	Reporting this level
MSQ180-IC180	Q3336.D	05/04/07 11:06	PB	5	GCMSQ	TO-15	
MSQ180-IC180	Q3337.D	05/04/07 12:03	PB	2	GCMSQ	TO-15	
MSQ180-IC180	Q3338.D	05/04/07 12:52	PB	.5	GCMSQ	TO-15	
MSQ180-IC180	Q3339.D	05/04/07 14:01	PB	.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.16	14.72	0.894	ok	0.894	0.834-0.954
Isopropylbenzene	16.49	14.72	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.83	8.64	0.675	ok	0.675	0.615-0.735
Methylene chloride	6.55	8.64	0.758	ok	0.758	0.698-0.818
Methyl ethyl ketone	8.04	8.64	0.931	ok	0.931	0.871-0.991
Methyl Isobutyl Ketone	11.99	10.47	1.145	ok	1.145	1.085-1.205
Methyl Tert Butyl Ether	7.72	8.64	0.894	ok	0.893	0.833-0.953
Nonane	16.04	14.72	1.090	ok	1.090	1.030-1.150
Pentane	6.15	8.64	0.712	ok	0.712	0.652-0.772
Propylene	3.97	8.64	0.459	ok	0.459	0.399-0.519
Styrene	15.72	14.72	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.72	8.64	1.125	ok	1.124	1.064-1.184
1,1,2,2-Tetrachloroethane	15.83	14.72	1.075	ok	1.075	1.015-1.135
1,1,2-Trichloroethane	12.66	10.47	1.209	ok	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.32	14.72	1.380	ok	1.381	1.321-1.441
1,2,4-Trimethylbenzene	17.77	14.72	1.207	ok	1.207	1.147-1.267
1,3,5-Trimethylbenzene	17.31	14.72	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.18	10.47	1.068	ok	1.068	1.008-1.128
Tertiary Butyl Alcohol	6.44	8.64	0.745	ok	0.746	0.686-0.806
Tetrachloroethylene	14.07	14.72	0.956	ok	0.956	0.896-1.016
Tetrahydrofuran	9.15	8.64	1.059	ok	1.059	0.999-1.119
Toluene	12.94	10.47	1.236	ok	1.236	1.176-1.296
Trichloroethylene	11.16	10.47	1.066	ok	1.066	1.006-1.126
Trichlorofluoromethane	5.79	8.64	0.670	ok	0.671	0.611-0.731
Vinyl chloride	4.43	8.64	0.513	ok	0.512	0.452-0.572
Vinyl Acetate	7.80	8.64	0.903	ok	0.902	0.842-0.962
m,p-Xylene	15.34	14.72	1.042	ok	1.042	0.982-1.102
o-Xylene	15.84	14.72	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.64	ok	8.64	8.31-8.97	171906	ok	168139	100883-235395
1,4-Difluorobenzene	10.47	ok	10.47	10.14-10.80	752712	ok	784030	470418-1097642
Chlorobenzene-D5	14.72	ok	14.72	14.39-15.05	644263	ok	648414	389048-907780

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64901
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ180-IC180	Q3333.D	05/03/07 17:52	PB	40	GCMSQ	TO-15	
MSQ180-IC180	Q3334.D	05/04/07 09:46	PB	20	GCMSQ	TO-15	
MSQ180-ICC180	Q3335.D	05/04/07 10:27	PB	10	GCMSQ	TO-15	
MSQ180-IC180	Q3336.D	05/04/07 11:06	PB	5	GCMSQ	TO-15	Reporting this level
MSQ180-IC180	Q3337.D	05/04/07 12:03	PB	2	GCMSQ	TO-15	
MSQ180-IC180	Q3338.D	05/04/07 12:52	PB	.5	GCMSQ	TO-15	
MSQ180-IC180	Q3339.D	05/04/07 14:01	PB	.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.61	8.64	0.649	ok	0.649	0.589-0.709
1,3-Butadiene	4.57	8.64	0.529	ok	0.528	0.468-0.588
Benzene	10.17	10.47	0.971	ok	0.971	0.911-1.031
Bromodichloromethane	11.12	10.47	1.062	ok	1.062	1.002-1.122
Bromoform	15.44	14.72	1.049	ok	1.049	0.989-1.109
Bromomethane	4.84	8.64	0.560	ok	0.560	0.500-0.620
Bromoethene	5.37	8.64	0.622	ok	0.622	0.562-0.682
Benzyl Chloride	17.93	14.72	1.218	ok	1.218	1.158-1.278
Carbon disulfide	6.87	8.64	0.795	ok	0.795	0.735-0.855
Chlorobenzene	14.77	14.72	1.003	ok	1.003	0.943-1.063
Chloroethane	5.02	8.64	0.581	ok	0.580	0.520-0.640
Chloroform	8.76	8.64	1.014	ok	1.014	0.954-1.074
Chloromethane	4.20	8.64	0.486	ok	0.486	0.426-0.546
3-Chloropropene	6.67	8.64	0.772	ok	0.772	0.712-0.832
2-Chlorotoluene	17.03	14.72	1.157	ok	1.157	1.097-1.217
Carbon tetrachloride	10.30	8.64	1.192	ok	1.192	1.132-1.252
Cyclohexane	10.43	10.47	0.996	ok	0.996	0.936-1.056
1,1-Dichloroethane	7.67	8.64	0.888	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.44	8.64	0.745	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.62	14.72	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.47	8.64	1.096	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.94	10.47	1.045	ok	1.045	0.985-1.105
1,4-Dioxane	11.14	10.47	1.064	ok	1.064	1.004-1.124
Dichlorodifluoromethane	4.03	8.64	0.466	ok	0.468	0.408-0.528
Dibromochloromethane	13.37	14.72	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.48	8.64	0.866	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.48	8.64	0.981	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.97	10.47	1.143	ok	1.144	1.084-1.204
m-Dichlorobenzene	17.96	14.72	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.42	14.72	1.251	ok	1.251	1.191-1.311
p-Dichlorobenzene	18.03	14.72	1.225	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.48	10.47	1.192	ok	1.192	1.132-1.252
Ethanol	5.12	8.64	0.593	ok	0.591	0.531-0.651
Ethylbenzene	15.15	14.72	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.68	8.64	1.005	ok	1.004	0.944-1.064
4-Ethyltoluene	17.22	14.72	1.170	ok	1.170	1.110-1.230
Freon 113	6.81	8.64	0.788	ok	0.788	0.728-0.848
Freon 114	4.30	8.64	0.498	ok	0.498	0.438-0.558
Heptane	11.42	10.47	1.091	ok	1.091	1.031-1.151
Hexachlorobutadiene	20.81	14.72	1.414	ok	1.412	1.352-1.472
Hexane	8.68	8.64	1.005	ok	1.004	0.944-1.064

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64901
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ180-IC180	Q3333.D	05/03/07 17:52	PB	40	GCMSQ	TO-15	
MSQ180-IC180	Q3334.D	05/04/07 09:46	PB	20	GCMSQ	TO-15	
MSQ180-ICC180	Q3335.D	05/04/07 10:27	PB	10	GCMSQ	TO-15	
MSQ180-IC180	Q3336.D	05/04/07 11:06	PB	5	GCMSQ	TO-15	Reporting this level
MSQ180-IC180	Q3337.D	05/04/07 12:03	PB	2	GCMSQ	TO-15	
MSQ180-IC180	Q3338.D	05/04/07 12:52	PB	.5	GCMSQ	TO-15	
MSQ180-IC180	Q3339.D	05/04/07 14:01	PB	.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.16	14.72	0.894	ok	0.894	0.834-0.954
Isopropylbenzene	16.48	14.72	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.83	8.64	0.675	ok	0.675	0.615-0.735
Methylene chloride	6.55	8.64	0.758	ok	0.758	0.698-0.818
Methyl ethyl ketone	8.04	8.64	0.931	ok	0.931	0.871-0.991
Methyl Isobutyl Ketone	11.99	10.47	1.145	ok	1.145	1.085-1.205
Methyl Tert Butyl Ether	7.72	8.64	0.894	ok	0.893	0.833-0.953
Nonane	16.04	14.72	1.090	ok	1.090	1.030-1.150
Pentane	6.16	8.64	0.713	ok	0.712	0.652-0.772
Propylene	3.97	8.64	0.459	ok	0.459	0.399-0.519
Styrene	15.72	14.72	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.72	8.64	1.125	ok	1.124	1.064-1.184
1,1,2,2-Tetrachloroethane	15.83	14.72	1.075	ok	1.075	1.015-1.135
1,1,2-Trichloroethane	12.66	10.47	1.209	ok	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.32	14.72	1.380	ok	1.381	1.321-1.441
1,2,4-Trimethylbenzene	17.77	14.72	1.207	ok	1.207	1.147-1.267
1,3,5-Trimethylbenzene	17.31	14.72	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.18	10.47	1.068	ok	1.068	1.008-1.128
Tertiary Butyl Alcohol	6.44	8.64	0.745	ok	0.746	0.686-0.806
Tetrachloroethylene	14.07	14.72	0.956	ok	0.956	0.896-1.016
Tetrahydrofuran	9.15	8.64	1.059	ok	1.059	0.999-1.119
Toluene	12.94	10.47	1.236	ok	1.236	1.176-1.296
Trichloroethylene	11.16	10.47	1.066	ok	1.066	1.006-1.126
Trichlorofluoromethane	5.80	8.64	0.671	ok	0.671	0.611-0.731
Vinyl chloride	4.42	8.64	0.512	ok	0.512	0.452-0.572
Vinyl Acetate	7.80	8.64	0.903	ok	0.902	0.842-0.962
m,p-Xylene	15.32	14.72	1.041	ok	1.042	0.982-1.102
o-Xylene	15.84	14.72	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.64	ok	8.64	8.31-8.97	169088	ok	168139	100883-235395
1,4-Difluorobenzene	10.47	ok	10.47	10.14-10.80	758871	ok	784030	470418-1097642
Chlorobenzene-D5	14.72	ok	14.72	14.39-15.05	600276	ok	648414	389048-907780

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64901
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ180-IC180	Q3333.D	05/03/07 17:52	PB	40	GCMSQ	TO-15	
MSQ180-IC180	Q3334.D	05/04/07 09:46	PB	20	GCMSQ	TO-15	
MSQ180-ICC180	Q3335.D	05/04/07 10:27	PB	10	GCMSQ	TO-15	
MSQ180-IC180	Q3336.D	05/04/07 11:06	PB	5	GCMSQ	TO-15	
MSQ180-IC180	Q3337.D	05/04/07 12:03	PB	2	GCMSQ	TO-15	Reporting this level
MSQ180-IC180	Q3338.D	05/04/07 12:52	PB	.5	GCMSQ	TO-15	
MSQ180-IC180	Q3339.D	05/04/07 14:01	PB	.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.61	8.64	0.649	ok	0.649	0.589-0.709
1,3-Butadiene	4.56	8.64	0.528	ok	0.528	0.468-0.588
Benzene	10.16	10.47	0.970	ok	0.971	0.911-1.031
Bromodichloromethane	11.12	10.47	1.062	ok	1.062	1.002-1.122
Bromoform	15.44	14.72	1.049	ok	1.049	0.989-1.109
Bromomethane	4.84	8.64	0.560	ok	0.560	0.500-0.620
Bromoethene	5.37	8.64	0.622	ok	0.622	0.562-0.682
Benzyl Chloride	17.93	14.72	1.218	ok	1.218	1.158-1.278
Carbon disulfide	6.87	8.64	0.795	ok	0.795	0.735-0.855
Chlorobenzene	14.77	14.72	1.003	ok	1.003	0.943-1.063
Chloroethane	5.02	8.64	0.581	ok	0.580	0.520-0.640
Chloroform	8.76	8.64	1.014	ok	1.014	0.954-1.074
Chloromethane	4.20	8.64	0.486	ok	0.486	0.426-0.546
3-Chloropropene	6.67	8.64	0.772	ok	0.772	0.712-0.832
2-Chlorotoluene	17.04	14.72	1.158	ok	1.157	1.097-1.217
Carbon tetrachloride	10.30	8.64	1.192	ok	1.192	1.132-1.252
Cyclohexane	10.43	10.47	0.996	ok	0.996	0.936-1.056
1,1-Dichloroethane	7.67	8.64	0.888	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.44	8.64	0.745	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.61	14.72	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.47	8.64	1.096	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.93	10.47	1.044	ok	1.045	0.985-1.105
1,4-Dioxane	11.15	10.47	1.065	ok	1.064	1.004-1.124
Dichlorodifluoromethane	4.04	8.64	0.468	ok	0.468	0.408-0.528
Dibromochloromethane	13.36	14.72	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.48	8.64	0.866	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.48	8.64	0.981	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.97	10.47	1.143	ok	1.144	1.084-1.204
m-Dichlorobenzene	17.95	14.72	1.219	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.41	14.72	1.251	ok	1.251	1.191-1.311
p-Dichlorobenzene	18.03	14.72	1.225	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.48	10.47	1.192	ok	1.192	1.132-1.252
Ethanol	5.10	8.64	0.590	ok	0.591	0.531-0.651
Ethylbenzene	15.14	14.72	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.67	8.64	1.003	ok	1.004	0.944-1.064
4-Ethyltoluene	17.23	14.72	1.171	ok	1.170	1.110-1.230
Freon 113	6.81	8.64	0.788	ok	0.788	0.728-0.848
Freon 114	4.30	8.64	0.498	ok	0.498	0.438-0.558
Heptane	11.42	10.47	1.091	ok	1.091	1.031-1.151
Hexachlorobutadiene	20.81	14.72	1.414	ok	1.412	1.352-1.472
Hexane	8.68	8.64	1.005	ok	1.004	0.944-1.064

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64901
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ180-IC180	Q3333.D	05/03/07 17:52	PB	40	GCMSQ	TO-15	
MSQ180-IC180	Q3334.D	05/04/07 09:46	PB	20	GCMSQ	TO-15	
MSQ180-ICC180	Q3335.D	05/04/07 10:27	PB	10	GCMSQ	TO-15	
MSQ180-IC180	Q3336.D	05/04/07 11:06	PB	5	GCMSQ	TO-15	
MSQ180-IC180	Q3337.D	05/04/07 12:03	PB	2	GCMSQ	TO-15	Reporting this level
MSQ180-IC180	Q3338.D	05/04/07 12:52	PB	.5	GCMSQ	TO-15	
MSQ180-IC180	Q3339.D	05/04/07 14:01	PB	.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.16	14.72	0.894	ok	0.894	0.834-0.954
Isopropylbenzene	16.49	14.72	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.84	8.64	0.676	ok	0.675	0.615-0.735
Methylene chloride	6.55	8.64	0.758	ok	0.758	0.698-0.818
Methyl ethyl ketone	8.04	8.64	0.931	ok	0.931	0.871-0.991
Methyl Isobutyl Ketone	11.99	10.47	1.145	ok	1.145	1.085-1.205
Methyl Tert Butyl Ether	7.72	8.64	0.894	ok	0.893	0.833-0.953
Nonane	16.04	14.72	1.090	ok	1.090	1.030-1.150
Pentane	6.15	8.64	0.712	ok	0.712	0.652-0.772
Propylene	3.97	8.64	0.459	ok	0.459	0.399-0.519
Styrene	15.72	14.72	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.72	8.64	1.125	ok	1.124	1.064-1.184
1,1,2,2-Tetrachloroethane	15.82	14.72	1.075	ok	1.075	1.015-1.135
1,1,2-Trichloroethane	12.66	10.47	1.209	ok	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.33	14.72	1.381	ok	1.381	1.321-1.441
1,2,4-Trimethylbenzene	17.77	14.72	1.207	ok	1.207	1.147-1.267
1,3,5-Trimethylbenzene	17.31	14.72	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.18	10.47	1.068	ok	1.068	1.008-1.128
Tertiary Butyl Alcohol	6.45	8.64	0.747	ok	0.746	0.686-0.806
Tetrachloroethylene	14.07	14.72	0.956	ok	0.956	0.896-1.016
Tetrahydrofuran	9.15	8.64	1.059	ok	1.059	0.999-1.119
Toluene	12.93	10.47	1.235	ok	1.236	1.176-1.296
Trichloroethylene	11.16	10.47	1.066	ok	1.066	1.006-1.126
Trichlorofluoromethane	5.80	8.64	0.671	ok	0.671	0.611-0.731
Vinyl chloride	4.43	8.64	0.513	ok	0.512	0.452-0.572
Vinyl Acetate	7.80	8.64	0.903	ok	0.902	0.842-0.962
m,p-Xylene	15.33	14.72	1.041	ok	1.042	0.982-1.102
o-Xylene	15.84	14.72	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.64	ok	8.64	8.31-8.97	224559	ok	168139	100883-235395
1,4-Difluorobenzene	10.47	ok	10.47	10.14-10.80	1068771	ok	784030	470418-1097642
Chlorobenzene-D5	14.72	ok	14.72	14.39-15.05	858732	ok	648414	389048-907780

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64901
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ180-IC180	Q3333.D	05/03/07 17:52	PB	40	GCMSQ	TO-15	
MSQ180-IC180	Q3334.D	05/04/07 09:46	PB	20	GCMSQ	TO-15	
MSQ180-ICC180	Q3335.D	05/04/07 10:27	PB	10	GCMSQ	TO-15	
MSQ180-IC180	Q3336.D	05/04/07 11:06	PB	5	GCMSQ	TO-15	
MSQ180-IC180	Q3337.D	05/04/07 12:03	PB	2	GCMSQ	TO-15	
MSQ180-IC180	Q3338.D	05/04/07 12:52	PB	.5	GCMSQ	TO-15	Reporting this level
MSQ180-IC180	Q3339.D	05/04/07 14:01	PB	.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.61	8.64	0.649	ok	0.649	0.589-0.709
1,3-Butadiene	4.57	8.64	0.529	ok	0.528	0.468-0.588
Benzene	10.17	10.47	0.971	ok	0.971	0.911-1.031
Bromodichloromethane	11.12	10.47	1.062	ok	1.062	1.002-1.122
Bromoform	15.44	14.72	1.049	ok	1.049	0.989-1.109
Bromomethane	4.84	8.64	0.560	ok	0.560	0.500-0.620
Bromoethene	5.37	8.64	0.622	ok	0.622	0.562-0.682
Benzyl Chloride	17.93	14.72	1.218	ok	1.218	1.158-1.278
Carbon disulfide	6.87	8.64	0.795	ok	0.795	0.735-0.855
Chlorobenzene	14.77	14.72	1.003	ok	1.003	0.943-1.063
Chloroethane	5.01	8.64	0.580	ok	0.580	0.520-0.640
Chloroform	8.76	8.64	1.014	ok	1.014	0.954-1.074
Chloromethane	4.20	8.64	0.486	ok	0.486	0.426-0.546
3-Chloropropene	6.67	8.64	0.772	ok	0.772	0.712-0.832
2-Chlorotoluene	17.03	14.72	1.157	ok	1.157	1.097-1.217
Carbon tetrachloride	10.30	8.64	1.192	ok	1.192	1.132-1.252
Cyclohexane	10.43	10.47	0.996	ok	0.996	0.936-1.056
1,1-Dichloroethane	7.68	8.64	0.889	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.43	8.64	0.744	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.62	14.72	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.48	8.64	1.097	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.94	10.47	1.045	ok	1.045	0.985-1.105
1,4-Dioxane	11.16	10.47	1.066	ok	1.064	1.004-1.124
Dichlorodifluoromethane	4.05	8.64	0.469	ok	0.468	0.408-0.528
Dibromochloromethane	13.36	14.72	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.48	8.64	0.866	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.48	8.64	0.981	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.97	10.47	1.143	ok	1.144	1.084-1.204
m-Dichlorobenzene	17.95	14.72	1.219	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.41	14.72	1.251	ok	1.251	1.191-1.311
p-Dichlorobenzene	18.03	14.72	1.225	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.48	10.47	1.192	ok	1.192	1.132-1.252
Ethanol	5.11	8.64	0.591	ok	0.591	0.531-0.651
Ethylbenzene	15.14	14.72	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.68	8.64	1.005	ok	1.004	0.944-1.064
4-Ethyltoluene	17.22	14.72	1.170	ok	1.170	1.110-1.230
Freon 113	6.81	8.64	0.788	ok	0.788	0.728-0.848
Freon 114	4.30	8.64	0.498	ok	0.498	0.438-0.558
Heptane	11.41	10.47	1.090	ok	1.091	1.031-1.151
Hexachlorobutadiene	20.81	14.72	1.414	ok	1.412	1.352-1.472
Hexane	8.68	8.64	1.005	ok	1.004	0.944-1.064

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64901
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ180-IC180	Q3333.D	05/03/07 17:52	PB	40	GCMSQ	TO-15	
MSQ180-IC180	Q3334.D	05/04/07 09:46	PB	20	GCMSQ	TO-15	
MSQ180-ICC180	Q3335.D	05/04/07 10:27	PB	10	GCMSQ	TO-15	
MSQ180-IC180	Q3336.D	05/04/07 11:06	PB	5	GCMSQ	TO-15	
MSQ180-IC180	Q3337.D	05/04/07 12:03	PB	2	GCMSQ	TO-15	
MSQ180-IC180	Q3338.D	05/04/07 12:52	PB	.5	GCMSQ	TO-15	Reporting this level
MSQ180-IC180	Q3339.D	05/04/07 14:01	PB	.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.16	14.72	0.894	ok	0.894	0.834-0.954
Isopropylbenzene	16.48	14.72	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.84	8.64	0.676	ok	0.675	0.615-0.735
Methylene chloride	6.55	8.64	0.758	ok	0.758	0.698-0.818
Methyl ethyl ketone	8.05	8.64	0.932	ok	0.931	0.871-0.991
Methyl Isobutyl Ketone	11.99	10.47	1.145	ok	1.145	1.085-1.205
Methyl Tert Butyl Ether	7.72	8.64	0.894	ok	0.893	0.833-0.953
Nonane	16.04	14.72	1.090	ok	1.090	1.030-1.150
Pentane	6.15	8.64	0.712	ok	0.712	0.652-0.772
Propylene	3.98	8.64	0.461	ok	0.459	0.399-0.519
Styrene	15.72	14.72	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.72	8.64	1.125	ok	1.124	1.064-1.184
1,1,2,2-Tetrachloroethane	15.83	14.72	1.075	ok	1.075	1.015-1.135
1,1,2-Trichloroethane	12.66	10.47	1.209	ok	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.32	14.72	1.380	ok	1.381	1.321-1.441
1,2,4-Trimethylbenzene	17.78	14.72	1.208	ok	1.207	1.147-1.267
1,3,5-Trimethylbenzene	17.31	14.72	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.19	10.47	1.069	ok	1.068	1.008-1.128
Tertiary Butyl Alcohol	6.45	8.64	0.747	ok	0.746	0.686-0.806
Tetrachloroethylene	14.07	14.72	0.956	ok	0.956	0.896-1.016
Tetrahydrofuran	9.17	8.64	1.061	ok	1.059	0.999-1.119
Toluene	12.94	10.47	1.236	ok	1.236	1.176-1.296
Trichloroethylene	11.16	10.47	1.066	ok	1.066	1.006-1.126
Trichlorofluoromethane	5.80	8.64	0.671	ok	0.671	0.611-0.731
Vinyl chloride	4.41	8.64	0.510	ok	0.512	0.452-0.572
Vinyl Acetate	7.80	8.64	0.903	ok	0.902	0.842-0.962
m,p-Xylene	15.35	14.72	1.043	ok	1.042	0.982-1.102
o-Xylene	15.84	14.72	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.64	ok	8.64	8.31-8.97	126062	ok	168139	100883-235395
1,4-Difluorobenzene	10.47	ok	10.47	10.14-10.80	590641	ok	784030	470418-1097642
Chlorobenzene-D5	14.72	ok	14.72	14.39-15.05	497909	ok	648414	389048-907780

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64901
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ180-IC180	Q3333.D	05/03/07 17:52	PB	40	GCMSQ	TO-15	
MSQ180-IC180	Q3334.D	05/04/07 09:46	PB	20	GCMSQ	TO-15	
MSQ180-ICC180	Q3335.D	05/04/07 10:27	PB	10	GCMSQ	TO-15	
MSQ180-IC180	Q3336.D	05/04/07 11:06	PB	5	GCMSQ	TO-15	
MSQ180-IC180	Q3337.D	05/04/07 12:03	PB	2	GCMSQ	TO-15	
MSQ180-IC180	Q3338.D	05/04/07 12:52	PB	.5	GCMSQ	TO-15	
MSQ180-IC180	Q3339.D	05/04/07 14:01	PB	.2	GCMSQ	TO-15	Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.61	8.65	0.649	ok	0.649	0.589-0.709
1,3-Butadiene	4.56	8.65	0.527	ok	0.528	0.468-0.588
Benzene	10.17	10.47	0.971	ok	0.971	0.911-1.031
Bromodichloromethane	11.11	10.47	1.061	ok	1.062	1.002-1.122
Bromoform	15.44	14.72	1.049	ok	1.049	0.989-1.109
Bromomethane	4.84	8.65	0.560	ok	0.560	0.500-0.620
Bromoethene	5.38	8.65	0.622	ok	0.622	0.562-0.682
Benzyl Chloride	17.93	14.72	1.218	ok	1.218	1.158-1.278
Carbon disulfide	6.86	8.65	0.793	ok	0.795	0.735-0.855
Chlorobenzene	14.78	14.72	1.004	ok	1.003	0.943-1.063
Chloroethane	5.02	8.65	0.580	ok	0.580	0.520-0.640
Chloroform	8.76	8.65	1.013	ok	1.014	0.954-1.074
Chloromethane	4.19	8.65	0.484	ok	0.486	0.426-0.546
3-Chloropropene	6.67	8.65	0.771	ok	0.772	0.712-0.832
2-Chlorotoluene	17.04	14.72	1.158	ok	1.157	1.097-1.217
Carbon tetrachloride	10.30	8.65	1.191	ok	1.192	1.132-1.252
Cyclohexane	10.43	10.47	0.996	ok	0.996	0.936-1.056
1,1-Dichloroethane	7.67	8.65	0.887	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.44	8.65	0.745	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.62	14.72	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.48	8.65	1.096	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.94	10.47	1.045	ok	1.045	0.985-1.105
Dichlorodifluoromethane	4.04	8.65	0.467	ok	0.468	0.408-0.528
Dibromochloromethane	13.37	14.72	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.48	8.65	0.865	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.48	8.65	0.980	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.98	10.47	1.144	ok	1.144	1.084-1.204
m-Dichlorobenzene	17.96	14.72	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.41	14.72	1.251	ok	1.251	1.191-1.311
p-Dichlorobenzene	18.03	14.72	1.225	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.48	10.47	1.192	ok	1.192	1.132-1.252
Ethanol	5.10	8.65	0.590	ok	0.591	0.531-0.651
Ethylbenzene	15.15	14.72	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.67	8.65	1.002	ok	1.004	0.944-1.064
4-Ethyltoluene	17.23	14.72	1.171	ok	1.170	1.110-1.230
Freon 113	6.82	8.65	0.788	ok	0.788	0.728-0.848
Freon 114	4.30	8.65	0.497	ok	0.498	0.438-0.558
Heptane	11.42	10.47	1.091	ok	1.091	1.031-1.151
Hexachlorobutadiene	20.82	14.72	1.414	ok	1.412	1.352-1.472
Hexane	8.68	8.65	1.003	ok	1.004	0.944-1.064
2-Hexanone	13.17	14.72	0.895	ok	0.894	0.834-0.954

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64901
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ180-IC180	Q3333.D	05/03/07 17:52	PB	40	GCMSQ	TO-15	
MSQ180-IC180	Q3334.D	05/04/07 09:46	PB	20	GCMSQ	TO-15	
MSQ180-ICC180	Q3335.D	05/04/07 10:27	PB	10	GCMSQ	TO-15	
MSQ180-IC180	Q3336.D	05/04/07 11:06	PB	5	GCMSQ	TO-15	
MSQ180-IC180	Q3337.D	05/04/07 12:03	PB	2	GCMSQ	TO-15	
MSQ180-IC180	Q3338.D	05/04/07 12:52	PB	.5	GCMSQ	TO-15	
MSQ180-IC180	Q3339.D	05/04/07 14:01	PB	.2	GCMSQ	TO-15	Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Isopropylbenzene	16.48	14.72	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.85	8.65	0.676	ok	0.675	0.615-0.735
Methylene chloride	6.55	8.65	0.757	ok	0.758	0.698-0.818
Methyl ethyl ketone	8.07	8.65	0.933	ok	0.931	0.871-0.991
Methyl Isobutyl Ketone	12.00	10.47	1.146	ok	1.145	1.085-1.205
Methyl Tert Butyl Ether	7.73	8.65	0.894	ok	0.893	0.833-0.953
Nonane	16.04	14.72	1.090	ok	1.090	1.030-1.150
Pentane	6.16	8.65	0.712	ok	0.712	0.652-0.772
Propylene	3.95	8.65	0.457	ok	0.459	0.399-0.519
Styrene	15.72	14.72	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.71	8.65	1.123	ok	1.124	1.064-1.184
1,1,2,2-Tetrachloroethane	15.82	14.72	1.075	ok	1.075	1.015-1.135
1,1,2-Trichloroethane	12.66	10.47	1.209	ok	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.32	14.72	1.380	ok	1.381	1.321-1.441
1,2,4-Trimethylbenzene	17.77	14.72	1.207	ok	1.207	1.147-1.267
1,3,5-Trimethylbenzene	17.31	14.72	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.18	10.47	1.068	ok	1.068	1.008-1.128
Tertiary Butyl Alcohol	6.46	8.65	0.747	ok	0.746	0.686-0.806
Tetrachloroethylene	14.07	14.72	0.956	ok	0.956	0.896-1.016
Tetrahydrofuran	9.16	8.65	1.059	ok	1.059	0.999-1.119
Toluene	12.94	10.47	1.236	ok	1.236	1.176-1.296
Trichloroethylene	11.16	10.47	1.066	ok	1.066	1.006-1.126
Trichlorofluoromethane	5.79	8.65	0.669	ok	0.671	0.611-0.731
Vinyl chloride	4.42	8.65	0.511	ok	0.512	0.452-0.572
Vinyl Acetate	7.80	8.65	0.902	ok	0.902	0.842-0.962
m,p-Xylene	15.34	14.72	1.042	ok	1.042	0.982-1.102
o-Xylene	15.84	14.72	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.65	ok	8.64	8.31-8.97	160379	ok	168139	100883-235395
1,4-Difluorobenzene	10.47	ok	10.47	10.14-10.80	729774	ok	784030	470418-1097642
Chlorobenzene-D5	14.72	ok	14.72	14.39-15.05	600663	ok	648414	389048-907780

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64901
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64901
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

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

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64901
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64901
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

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

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64901
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64901
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

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

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64901
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64901
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

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

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64901
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64901
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

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

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64901
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64901
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

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

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64901
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64901
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

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

Volatile Surrogate Recovery Summary

Job Number: M64901
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1
M64901-1	Q3456.D	83.0
M64901-2	Q3458.D	80.0
M64901-1DUP	Q3457.D	81.0
MSQ181-SCC	Q3342A.D	76.0
MSQ182-SCC	Q3356A.D	95.0
MSQ188-BS	Q3453A.D	100.0
MSQ188-MB	Q3455.D	78.0
MSQ181-BS	Q3341B.D	105.0
MSQ181-MB	Q3342.D	76.0
MSQ182-BS	Q3355A.D	106.0
MSQ182-MB	Q3356.D	95.0

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

Initial Calibration Summary

Job Number: M64901 **Sample:** MSQ180-ICC180
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3335.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Response Factor Report MAMSQ

Method : C:\msdchem\1\METHODS\Q050307T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri May 04 15:09:53 2007
Response via : Initial Calibration

Calibration Files
.2 =Q3339.D .5 =Q3338.D 2 =Q3337.D
5 =Q3336.D 10 =Q3335.D 20 =Q3334.D 40 =Q3333.D

Compound	.2	.5	2	5	10	20	40	Avg	%RSD
1) I BROMOCHLOROMETHANE	----------ISTD----------								
2)m DICHLORODIFLUOROM		4.348	3.151	4.055	3.751	5.409	4.004	4.120	18.18
3)m PROPYLENE		0.790	0.672	0.873	0.659	0.953	0.727	0.779	14.94
4)m FREON 114		3.562	2.806	3.345	3.452	4.303	3.546	3.502	13.74
5)m CHLOROMETHANE		0.903	0.760	0.887	0.898	0.994	0.848	0.882	8.69
6)m VINYL CHLORIDE	1.433	1.020	0.787	0.883	0.944	1.086	0.942	1.014	20.53
7)m 1,3-BUTADIENE		1.042	0.781	0.842	0.992	1.110	1.019	0.964	13.10
8)m BROMOMETHANE		0.903	0.840	0.955	1.013	1.206	1.066	0.997	12.98
9)m CHLOROETHANE	0.342	0.347	0.315	0.301	0.373	0.413	0.412	0.357	12.34
10)m TRICHLOROFLUOROME		5.572	3.406	4.134	4.576	4.909	5.357	4.659	17.26
11)m ISOPROPYL ALCOHOL		2.477	1.362	1.338	1.469	1.490	1.930	1.678	26.62
12)m ACETONE	4.524	3.060	1.654	1.413	1.570	1.634	1.870	2.247	50.98
----- Linear regression (equal Weighting)----- Coefficient = 0.9944									
Response Ratio = -0.10407 + 1.84391 *A									
13)m PENTANE		1.368	0.829	0.847	0.899	0.878	1.124	0.991	21.56
14)m 1,1-DICHLOROETHYL	1.728	1.052	0.740	0.738	0.852	0.870	1.090	1.010	34.19
----- Quadratic regression ----- Coefficient = 0.9997									
Response Ratio = 0.02146 + 0.66992 *A + 0.10339 *A^2									
15)m CARBON DISULFIDE		2.949	2.225	2.571	2.530	2.452	3.043	2.628	11.81
16)m ETHANOL	0.612	0.486	0.272	0.244	0.263	0.271	0.291	0.348	40.85
----- Linear regression (equal Weighting)----- Coefficient = 0.9980									
Response Ratio = -0.00863 + 0.28880 *A									
17)m BROMOETHENE	1.650	1.072	0.829	0.910	0.970	1.085	1.112	1.090	24.56
18)m METHYLENE CHLORID		1.630	1.509	1.295	1.516	1.583		1.506	8.52
19)m 3-CHLOROPROPENE		0.925	0.765	0.945	1.107	1.211	1.509	1.077	24.32
20)m FREON 113		2.170	1.403	1.633	1.912	2.123	2.611	1.975	21.63
21)m TRANS-1,2-DICHLOR	1.306	0.819	0.706	0.740	0.854	0.795	0.940	0.880	23.05
22)m TERTIARY BUTYL AL	2.593	1.919	1.244	1.519	1.813	1.726	2.390	1.886	24.98
23)m METHYL TERTIARY B	1.775	1.800	1.635	1.739	1.957	1.813	2.178	1.842	9.57
24)m TETRAHYDROFURAN	0.572	0.693	0.682	0.696	0.706	0.783	0.962	0.728	16.53
25)m HEXANE	2.074	1.286	1.241	1.324	1.329	1.385	1.419	1.437	19.99
26)m VINYL ACETATE	1.656	1.558	1.583	1.572	1.784	1.903	2.316	1.767	15.46
27)m 1,1-DICHLOROETHAN	2.257	1.768	1.383	1.354	1.597	1.555	1.858	1.682	18.64
28)m METHYL ETHYL KETO	1.924	1.726	1.388	1.338	1.457	1.592	1.924	1.621	15.03
29)m cis-1,2-DICHLOROE	0.946	0.787	0.674	0.696	0.793	0.775	0.958	0.804	13.78
30)m ETHYL ACETATE	3.578	2.817	2.540	2.472	2.663	2.875	3.469	2.916	15.06
31)m CHLOROFORM	3.252	2.493	1.911	1.880	2.032	2.253	2.825	2.378	21.57
32)m 1,1,1-TRICHLOROET	3.354	2.588	2.059	1.833	2.061	2.463	3.165	2.503	23.13
33)m CARBON TETRACHLOR	3.965	3.191	2.379	2.203	2.503	2.955	3.925	3.017	23.80
34)m 1,2-DICHLOROETHAN	1.767	1.531	1.295	1.068	1.136	1.438	1.776	1.430	19.77
35) I 1,4-DIFLUOROBENZENE	----------ISTD----------								
36)m BENZENE	0.629	0.483	0.399	0.378	0.422	0.420	0.537	0.467	19.20

Initial Calibration Summary

Job Number: M64901 **Sample:** MSQ180-ICC180
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3335.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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37)m CYCLOHEXANE       0.171 0.189 0.166 0.189 0.195 0.181 0.210 0.186   8.11
38)m TRICHLOROETHYLENE 0.350 0.289 0.225 0.225 0.249 0.247 0.357 0.277  20.26
39)m 1,2-DICHLOROPROPA 0.188 0.173 0.148 0.153 0.164 0.144 0.198 0.167  12.43
40)m BROMODICHLOROMETH 0.534 0.481 0.380 0.371 0.415 0.426 0.620 0.461  19.63
41)m 2,2,4-TRIMETHYLPE 0.804 0.779 0.640 0.662 0.754 0.744 1.000 0.769  15.37
42)m 1,4-DIOXANE             0.086 0.073 0.081 0.087 0.077 0.105 0.085  13.19
43)m HEPTANE           0.270 0.264 0.243 0.258 0.295 0.305 0.414 0.293  19.65
44)m METHYL ISOBUTYL K 0.331 0.350 0.344 0.345 0.392 0.409 0.551 0.389  19.77
45)m cis-1,3-DICHLOROP 0.278 0.218 0.222 0.215 0.244 0.247 0.353 0.254  19.20
46)m TOLUENE           0.312 0.258 0.263 0.251 0.292 0.280 0.380 0.291  15.38
47)m trans-1,3-DICHLOR 0.143 0.115 0.165 0.151 0.187 0.190       0.159  17.82
48)m 1,1,2-TRICHLOROET 0.223 0.176 0.160 0.150 0.172 0.161       0.174  14.82

49) I   CHLOROBENZENE-D5      ----------------ISTD---------------------
50)m 2-HEXANONE        0.283 0.265 0.326 0.332 0.375 0.389 0.563 0.362  27.38
51)m TETRACHLOROETHYLE 0.326 0.289 0.232 0.228 0.261 0.250       0.264  14.15
52)m DIBROMOCHLOROMETH 0.539 0.457 0.469 0.434 0.480 0.526 0.764 0.524  21.39
53)m 1,2-DIBROMOETHANE 0.401 0.364 0.346 0.334 0.357 0.351 0.495 0.378  14.68
54)m CHLOROBENZENE     0.610 0.531 0.478 0.464 0.473 0.464 0.610 0.518  12.85
55)m ETHYLBENZENE      0.741 0.723 0.736 0.726 0.778 0.754 1.085 0.792  16.51
56)m m,p-XYLENE        0.271 0.266 0.300 0.300 0.300 0.281 0.418 0.305  17.01
57)m o-XYLENE          0.247 0.260 0.298 0.304 0.306 0.277 0.433 0.304  20.19
58)m STYRENE           0.182 0.234 0.337 0.353 0.382 0.365       0.309  26.29
59)m NONANE            0.386 0.420 0.458 0.474 0.488 0.509 0.707 0.492  21.07
60)m BROMOFORM         0.352 0.342 0.350 0.338 0.390 0.407       0.363   7.78
61)S 4-BROMOFLUOROBENZ 0.700 0.672 0.751 0.797 0.774 0.818 0.927 0.777  10.80
62)m 1,1,2,2-TETRACHLO 0.720 0.608 0.491 0.507 0.510 0.468 0.700 0.572  18.22
63)m ISOPROPYLBENZENE  0.803 0.827 0.844 0.828 0.843 0.825       0.828   1.80
64)m 2-CHLOROTOLUENE   0.622 0.592 0.619 0.576 0.624 0.687       0.620   6.13
65)m 4-ETHYLTOLUENE    0.451 0.532 0.669 0.613 0.686 0.779       0.622  18.85
66)m 1,3,5-TRIMETHYLBE 0.671 0.719 0.693 0.648 0.701 0.792       0.704   7.07
67)m 1,2,4-TRIMETHYLBE 0.493 0.603 0.602 0.593 0.652 0.734       0.613  12.88
68)m m-DICHLOROBENZENE 0.393 0.412 0.332 0.348 0.364 0.384       0.372   7.96
69)m BENZYL CHLORIDE   0.244 0.263 0.247 0.271 0.346 0.406       0.296  21.98
70)m p-DICHLOROBENZENE 0.316 0.347 0.305 0.334 0.300 0.340       0.324   6.01
71)m o-DICHLOROBENZENE 0.547 0.521 0.331 0.353 0.358 0.368       0.413  22.93
72)m HEXACHLOROBUTADIE       0.525 0.069 0.133 0.152 0.109 0.240 0.205  81.66
         ----- Quadratic regression -----  Coefficient =  0.9900
              Response Ratio = 0.03746 + -0.00266 *A + 0.05791 *A^2

73)m 1,2,4-TRICHLOROBE 0.201 0.149 0.033 0.064 0.073 0.063 0.159 0.106  59.30
         ----- Quadratic regression -----  Coefficient =  0.9931
              Response Ratio = 0.01428 + -0.01488 *A + 0.04232 *A^2

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

          Q050307T.m        Fri May 04 15:11:57 2007   RPT1
```

Continuing Calibration Summary

Job Number: M64901 **Sample:** MSQ181-CC180
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3341.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\Q3341.D Vial: 3
Acq On : 4 May 2007 3:31 pm Operator: PhilipB
Sample : CC180-10 (M148) Inst : MAMSQ
Misc : MS13500,MSQ181,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\msdchem\1\METHODS\Q050307T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri May 04 15:09:53 2007
Response via : Multiple Level Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	RT Window
1	I	BROMOCHLOROMETHANE	1.000	1.000	0.0	108	0.00	8.44- 8.85
2	m	DICHLORODIFLUOROMETHAN	4.120	3.612	12.3	104	0.00	3.83- 4.24
3	m	PROPYLENE	0.779	0.715	8.2	117	0.00	3.76- 4.17
4	m	FREON 114	3.502	3.066	12.5	96	0.00	4.09- 4.51
5	m	CHLOROMETHANE	0.882	0.786	10.9	95	0.00	3.99- 4.40
6	m	VINYL CHLORIDE	1.014	0.842	17.0	97	0.00	4.22- 4.63
7	m	1,3-BUTADIENE	0.964	0.900	6.6	98	0.00	4.36- 4.77
8	m	BROMOMETHANE	0.997	0.941	5.6	101	0.00	4.63- 5.04
9	m	CHLOROETHANE	0.357	0.345	3.4	100	0.00	4.81- 5.22
10	m	TRICHLOROFLUOROMETHANE	4.659	4.380	6.0	104	0.00	5.59- 6.00
11	m	ISOPROPYL ALCOHOL	1.678	1.512	9.9	111	0.00	5.59- 6.07
		----------	True	Calc.	% Drift	----------		
12	m	ACETONE	10.000	9.107	8.9	109	0.00	5.40- 5.81
		----------	AvgRF	CCRF	% Dev	----------		
13	m	PENTANE	0.991	0.951	4.0	114	0.00	5.99- 6.30
		----------	True	Calc.	% Drift	----------		
14	m	1,1-DICHLOROETHYLENE	10.000	10.648	-6.5	108	0.00	6.23- 6.64
		----------	AvgRF	CCRF	% Dev	----------		
15	m	CARBON DISULFIDE	2.628	2.525	3.9	108	0.00	6.66- 7.07
		----------	True	Calc.	% Drift	----------		
16	m	ETHANOL	10.000	9.520	4.8	110	0.00	4.86- 5.32
		----------	AvgRF	CCRF	% Dev	----------		
17	m	BROMOETHENE	1.090	0.899	17.5	100	0.00	5.17- 5.58
18	m	METHYLENE CHLORIDE	1.506	1.605	-6.6	115	0.00	6.40- 6.70
19	m	3-CHLOROPROPENE	1.077	1.118	-3.8	109	0.00	6.46- 6.87
20	m	FREON 113	1.975	1.978	-0.2	112	0.00	6.60- 7.01
21	m	TRANS-1,2-DICHLOROETHY	0.880	0.829	5.8	105	0.00	7.27- 7.68
22	m	TERTIARY BUTYL ALCOHOL	1.886	1.776	5.8	106	0.00	6.18- 6.70
23	m	METHYL TERTIARY BUTYL	1.842	1.871	-1.6	104	0.00	7.51- 7.92
24	m	TETRAHYDROFURAN	0.728	0.621	14.7	95	0.00	9.00- 9.29
25	m	HEXANE	1.437	1.224	14.8	100	0.00	8.47- 8.88
26	m	VINYL ACETATE	1.767	1.748	1.1	106	0.00	7.62- 7.97
27	m	1,1-DICHLOROETHANE	1.682	1.591	5.4	108	0.00	7.47- 7.88
28	m	METHYL ETHYL KETONE	1.621	1.358	16.2	101	0.00	7.80- 8.28
29	m	cis-1,2-DICHLOROETHYLE	0.804	0.658	18.2	90	0.00	8.27- 8.69
30	m	ETHYL ACETATE	2.916	2.465	15.5	100	0.00	8.46- 8.88

Continuing Calibration Summary

Job Number: M64901 **Sample:** MSQ181-CC180
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3341.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

31	m	CHLOROFORM	2.378	1.944	18.3	104	0.00	8.56- 8.97
32	m	1,1,1-TRICHLOROETHANE	2.503	1.969	21.3	103	0.00	9.51- 9.92
33	m	CARBON TETRACHLORIDE	3.017	2.461	18.4	106	0.00	10.10-10.51
34	m	1,2-DICHLOROETHANE	1.430	1.080	24.5	103	0.00	9.27- 9.68
35	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	106	0.00	10.27-10.68
36	m	BENZENE	0.467	0.372	20.3	94	0.00	9.95-10.37
37	m	CYCLOHEXANE	0.186	0.173	7.0	94	0.00	10.22-10.63
38	m	TRICHLOROETHYLENE	0.277	0.237	14.4	101	0.00	11.00-11.31
39	m	1,2-DICHLOROPROPANE	0.167	0.135	19.2	88	0.00	10.73-11.14
40	m	BROMODICHLOROMETHANE	0.461	0.402	12.8	103	0.00	10.96-11.27
41	m	2,2,4-TRIMETHYLPENTANE	0.769	0.684	11.1	97	0.00	10.98-11.39
42	m	1,4-DIOXANE	0.085	0.077	9.4	94	0.00	10.88-11.41
43	m	HEPTANE	0.293	0.275	6.1	99	0.00	11.26-11.57
44	m	METHYL ISOBUTYL KETONE	0.389	0.377	3.1	102	0.00	11.77-12.20
45	m	cis-1,3-DICHLOROPROPEN	0.254	0.216	15.0	94	0.00	11.77-12.18
46	m	TOLUENE	0.291	0.257	11.7	94	0.00	12.73-13.14
47	m	trans-1,3-DICHLOROPROP	0.159	0.162	-1.9	92	0.00	12.32-12.63
48	m	1,1,2-TRICHLOROETHANE	0.174	0.148	14.9	91	0.00	12.48-12.84
49	I	CHLOROBENZENE-D5	1.000	1.000	0.0	105	0.00	14.57-14.88
50	m	2-HEXANONE	0.362	0.338	6.6	95	0.00	12.95-13.36
51	m	TETRACHLOROETHYLENE	0.264	0.228	13.6	92	0.00	13.87-14.28
52	m	DIBROMOCHLOROMETHANE	0.524	0.444	15.3	97	0.00	13.18-13.55
53	m	1,2-DIBROMOETHANE	0.378	0.304	19.6	89	0.00	13.46-13.77
54	m	CHLOROBENZENE	0.518	0.419	19.1	93	0.00	14.61-14.92
55	m	ETHYLBENZENE	0.792	0.682	13.9	92	0.00	14.97-15.33
56	m	m,p-XYLENE	0.305	0.270	11.5	95	-0.02	15.14-15.50
57	m	o-XYLENE	0.304	0.273	10.2	94	0.00	15.66-16.02
58	m	STYRENE	0.309	0.326	-5.5	90	0.00	15.57-15.88
59	m	NONANE	0.492	0.472	4.1	101	0.00	15.89-16.20
60	m	BROMOFORM	0.363	0.351	3.3	95	0.00	15.28-15.59
61	S	4-BROMOFLUOROBENZENE	0.777	0.816	-5.0	111	0.00	16.18-16.49
62	m	1,1,2,2-TETRACHLOROETH	0.572	0.454	20.6	94	0.00	15.67-15.98
63	m	ISOPROPYLBENZENE	0.828	0.785	5.2	98	0.00	16.33-16.64
64	m	2-CHLOROTOLUENE	0.620	0.594	4.2	100	0.00	16.83-17.24
65	m	4-ETHYLTOLUENE	0.622	0.655	-5.3	100	0.00	17.09-17.36
66	m	1,3,5-TRIMETHYLBENZENE	0.704	0.686	2.6	103	0.00	17.18-17.44
67	m	1,2,4-TRIMETHYLBENZENE	0.613	0.639	-4.2	103	0.00	17.62-17.93
68	m	m-DICHLOROBENZENE	0.372	0.341	8.3	98	0.00	17.79-18.12
69	m	BENZYL CHLORIDE	0.296	0.309	-4.4	94	0.00	17.78-18.09
70	m	p-DICHLOROBENZENE	0.324	0.268	17.3	94	0.00	17.91-18.15
71	m	o-DICHLOROBENZENE	0.413	0.335	18.9	98	0.00	18.26-18.57
		----------	True	Calc.	% Drift		----------	
72	m	HEXACHLOROBUTADIENE	10.000	14.753	-47.5#	110	0.00	20.61-21.02
73	m	1,2,4-TRIMETHYLBENZENE	10.000	13.036	-30.4#	96	0.00	20.11-20.53
		----------	AvgRF	CCRF	% Dev		----------	
74	m	NAPHTHALENE		----------NA----------				

(#) = Out of Range SPCC's out = 0 CCC's out = 0
Q3335.D Q050307T.m Fri May 04 15:56:44 2007 RPT1

Initial Calibration Verification

Job Number: M64901 **Sample:** MSQ181-ICV180
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3341A.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\Q3341A.D Vial: 3
Acq On : 4 May 2007 3:31 pm Operator: PhilipB
Sample : ICV180-10 (M148) Inst : MAMSQ
Misc : MS13500,MSQ181,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\msdchem\1\METHODS\Q050307T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri May 04 15:09:53 2007
Response via : Multiple Level Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	RT Window
1	I	BROMOCHLOROMETHANE	1.000	1.000	0.0	108	0.00	8.44- 8.85
2	m	DICHLORODIFLUOROMETHAN	4.120	3.612	12.3	104	0.00	3.83- 4.24
3	m	PROPYLENE	0.779	0.715	8.2	117	0.00	3.76- 4.17
4	m	FREON 114	3.502	3.066	12.5	96	0.00	4.09- 4.51
5	m	CHLOROMETHANE	0.882	0.786	10.9	95	0.00	3.99- 4.40
6	m	VINYL CHLORIDE	1.014	0.842	17.0	97	0.00	4.22- 4.63
7	m	1,3-BUTADIENE	0.964	0.900	6.6	98	0.00	4.36- 4.77
8	m	BROMOMETHANE	0.997	0.941	5.6	101	0.00	4.63- 5.04
9	m	CHLOROETHANE	0.357	0.345	3.4	100	0.00	4.81- 5.22
10	m	TRICHLOROFLUOROMETHANE	4.659	4.380	6.0	104	0.00	5.59- 6.00
11	m	ISOPROPYL ALCOHOL	1.678	1.512	9.9	111	0.00	5.59- 6.07
		----------	True	Calc.	% Drift	----------		
12	m	ACETONE	10.000	9.107	8.9	109	0.00	5.40- 5.81
		----------	AvgRF	CCRF	% Dev	----------		
13	m	PENTANE	0.991	0.951	4.0	114	0.00	5.99- 6.30
		----------	True	Calc.	% Drift	----------		
14	m	1,1-DICHLOROETHYLENE	10.000	10.648	-6.5	108	0.00	6.23- 6.64
		----------	AvgRF	CCRF	% Dev	----------		
15	m	CARBON DISULFIDE	2.628	2.525	3.9	108	0.00	6.66- 7.07
		----------	True	Calc.	% Drift	----------		
16	m	ETHANOL	10.000	9.520	4.8	110	0.00	4.86- 5.32
		----------	AvgRF	CCRF	% Dev	----------		
17	m	BROMOETHENE	1.090	0.899	17.5	100	0.00	5.17- 5.58
18	m	METHYLENE CHLORIDE	1.506	1.605	-6.6	115	0.00	6.40- 6.70
19	m	3-CHLOROPROPENE	1.077	1.118	-3.8	109	0.00	6.46- 6.87
20	m	FREON 113	1.975	1.978	-0.2	112	0.00	6.60- 7.01
21	m	TRANS-1,2-DICHLOROETHY	0.880	0.829	5.8	105	0.00	7.27- 7.68
22	m	TERTIARY BUTYL ALCOHOL	1.886	1.776	5.8	106	0.00	6.18- 6.70
23	m	METHYL TERTIARY BUTYL	1.842	1.871	-1.6	104	0.00	7.51- 7.92
24	m	TETRAHYDROFURAN	0.728	0.621	14.7	95	0.00	9.00- 9.29
25	m	HEXANE	1.437	1.224	14.8	100	0.00	8.47- 8.88
26	m	VINYL ACETATE	1.767	1.748	1.1	106	0.00	7.62- 7.97
27	m	1,1-DICHLOROETHANE	1.682	1.591	5.4	108	0.00	7.47- 7.88
28	m	METHYL ETHYL KETONE	1.621	1.358	16.2	101	0.00	7.80- 8.28
29	m	cis-1,2-DICHLOROETHYLE	0.804	0.658	18.2	90	0.00	8.27- 8.69
30	m	ETHYL ACETATE	2.916	2.465	15.5	100	0.00	8.46- 8.88

Initial Calibration Verification

Job Number: M64901 **Sample:** MSQ181-ICV180
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3341A.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

31	m	CHLOROFORM	2.378	1.944	18.3	104	0.00	8.56- 8.97
32	m	1,1,1-TRICHLOROETHANE	2.503	1.969	21.3	103	0.00	9.51- 9.92
33	m	CARBON TETRACHLORIDE	3.017	2.461	18.4	106	0.00	10.10-10.51
34	m	1,2-DICHLOROETHANE	1.430	1.080	24.5	103	0.00	9.27- 9.68
35	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	106	0.00	10.27-10.68
36	m	BENZENE	0.467	0.372	20.3	94	0.00	9.95-10.37
37	m	CYCLOHEXANE	0.186	0.173	7.0	94	0.00	10.22-10.63
38	m	TRICHLOROETHYLENE	0.277	0.237	14.4	101	0.00	11.00-11.31
39	m	1,2-DICHLOROPROPANE	0.167	0.135	19.2	88	0.00	10.73-11.14
40	m	BROMODICHLOROMETHANE	0.461	0.402	12.8	103	0.00	10.96-11.27
41	m	2,2,4-TRIMETHYLPENTANE	0.769	0.684	11.1	97	0.00	10.98-11.39
42	m	1,4-DIOXANE	0.085	0.077	9.4	94	0.00	10.88-11.41
43	m	HEPTANE	0.293	0.275	6.1	99	0.00	11.26-11.57
44	m	METHYL ISOBUTYL KETONE	0.389	0.377	3.1	102	0.00	11.77-12.20
45	m	cis-1,3-DICHLOROPROPEN	0.254	0.216	15.0	94	0.00	11.77-12.18
46	m	TOLUENE	0.291	0.257	11.7	94	0.00	12.73-13.14
47	m	trans-1,3-DICHLOROPROP	0.159	0.162	-1.9	92	0.00	12.32-12.63
48	m	1,1,2-TRICHLOROETHANE	0.174	0.148	14.9	91	0.00	12.48-12.84
49	I	CHLOROBENZENE-D5	1.000	1.000	0.0	105	0.00	14.57-14.88
50	m	2-HEXANONE	0.362	0.338	6.6	95	0.00	12.95-13.36
51	m	TETRACHLOROETHYLENE	0.264	0.228	13.6	92	0.00	13.87-14.28
52	m	DIBROMOCHLOROMETHANE	0.524	0.444	15.3	97	0.00	13.18-13.55
53	m	1,2-DIBROMOETHANE	0.378	0.304	19.6	89	0.00	13.46-13.77
54	m	CHLOROBENZENE	0.518	0.419	19.1	93	0.00	14.61-14.92
55	m	ETHYLBENZENE	0.792	0.682	13.9	92	0.00	14.97-15.33
56	m	m,p-XYLENE	0.305	0.270	11.5	94	-0.02	15.14-15.50
57	m	o-XYLENE	0.304	0.273	10.2	94	0.00	15.66-16.02
58	m	STYRENE	0.309	0.326	-5.5	90	0.00	15.57-15.88
59	m	NONANE	0.492	0.472	4.1	101	0.00	15.89-16.20
60	m	BROMOFORM	0.363	0.351	3.3	95	0.00	15.28-15.59
61	S	4-BROMOFLUOROBENZENE	0.777	0.816	-5.0	111	0.00	16.18-16.49
62	m	1,1,2,2-TETRACHLOROETH	0.572	0.454	20.6	94	0.00	15.67-15.98
63	m	ISOPROPYLBENZENE	0.828	0.785	5.2	98	0.00	16.33-16.64
64	m	2-CHLOROTOLUENE	0.620	0.594	4.2	100	0.00	16.83-17.24
65	m	4-ETHYLTOLUENE	0.622	0.655	-5.3	100	0.00	17.09-17.36
66	m	1,3,5-TRIMETHYLBENZENE	0.704	0.686	2.6	103	0.00	17.18-17.44
67	m	1,2,4-TRIMETHYLBENZENE	0.613	0.639	-4.2	103	0.00	17.62-17.93
68	m	m-DICHLOROBENZENE	0.372	0.341	8.3	98	0.00	17.79-18.12
69	m	BENZYL CHLORIDE	0.296	0.309	-4.4	94	0.00	17.78-18.09
70	m	p-DICHLOROBENZENE	0.324	0.268	17.3	94	0.00	17.91-18.15
71	m	o-DICHLOROBENZENE	0.413	0.335	18.9	98	0.00	18.26-18.57
			True	Calc.	% Drift			
72	m	HEXACHLOROBUTADIENE	10.000	14.753	-47.5#	110	0.00	20.61-21.02
73	m	1,2,4-TRICHLOROBENZENE	10.000	13.036	-30.4#	96	0.00	20.11-20.53
			AvgRF	CCRF	% Dev			
74	m	NAPHTHALENE			NA			

(#) = Out of Range SPCC's out = 0 CCC's out = 0
Q3335.D Q050307T.m Tue May 22 09:17:54 2007 RPT1

Continuing Calibration Summary

Job Number: M64901 **Sample:** MSQ182-CC180
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3355.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Evaluate Continuing Calibration Report

```
Data File : C:\msdchem\1\DATA\Q3355.D                    Vial: 3
Acq On    :  7 May 2007  11:02 am                   Operator: PhilipB
Sample    : CC180-10 (M148)                         Inst    : MAMSQ
Misc      : MS13508,MSQ182,,,,,1                    Multiplr: 1.00
MS Integration Params: LSCINT.P

Method       : C:\msdchem\1\METHODS\Q050307T.m (RTE Integrator)
Title        :  TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update  : Fri May 04 15:09:53 2007
Response via : Multiple Level Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	RT Window
1	I	BROMOCHLOROMETHANE	1.000	1.000	0.0	89	0.00	8.44- 8.85
2	m	DICHLORODIFLUOROMETHAN	4.120	4.314	-4.7	103	0.00	3.83- 4.24
3	m	PROPYLENE	0.779	0.804	-3.2	109	0.00	3.76- 4.18
4	m	FREON 114	3.502	3.346	4.5	87	0.00	4.10- 4.51
5	m	CHLOROMETHANE	0.882	0.865	1.9	86	0.00	4.00- 4.41
6	m	VINYL CHLORIDE	1.014	0.952	6.1	90	0.00	4.22- 4.64
7	m	1,3-BUTADIENE	0.964	0.989	-2.6	89	0.00	4.36- 4.78
8	m	BROMOMETHANE	0.997	1.091	-9.4	96	0.00	4.64- 5.05
9	m	CHLOROETHANE	0.357	0.370	-3.6	89	0.00	4.82- 5.23
10	m	TRICHLOROFLUOROMETHANE	4.659	5.059	-8.6	99	0.00	5.60- 6.01
11	m	ISOPROPYL ALCOHOL	1.678	1.743	-3.9	106	0.00	5.59- 6.07
		----------	True	Calc.	% Drift		----------	
12	m	ACETONE	10.000	11.039	-10.4	110	0.00	5.40- 5.81
		----------	AvgRF	CCRF	% Dev		----------	
13	m	PENTANE	0.991	1.176	-18.7	117	0.00	6.00- 6.31
		----------	True	Calc.	% Drift		----------	
14	m	1,1-DICHLOROETHYLENE	10.000	12.537	-25.4	107	0.00	6.24- 6.65
		----------	AvgRF	CCRF	% Dev		----------	
15	m	CARBON DISULFIDE	2.628	3.033	-15.4	107	0.00	6.66- 7.08
		----------	True	Calc.	% Drift		----------	
16	m	ETHANOL	10.000	10.904	-9.0	104	0.00	4.87- 5.34
		----------	AvgRF	CCRF	% Dev		----------	
17	m	BROMOETHENE	1.090	1.072	1.7	99	0.00	5.18- 5.59
18	m	METHYLENE CHLORIDE	1.506	1.997	-32.6#	118	0.00	6.40- 6.70
19	m	3-CHLOROPROPENE	1.077	1.291	-19.9	104	0.00	6.47- 6.88
20	m	FREON 113	1.975	2.348	-18.9	110	0.00	6.60- 7.02
21	m	TRANS-1,2-DICHLOROETHY	0.880	0.897	-1.9	94	0.00	7.28- 7.69
22	m	TERTIARY BUTYL ALCOHOL	1.886	2.007	-6.4	99	0.00	6.18- 6.70
23	m	METHYL TERTIARY BUTYL	1.842	1.729	6.1	79	0.00	7.52- 7.93
24	m	TETRAHYDROFURAN	0.728	0.750	-3.0	95	0.00	9.00- 9.29
25	m	HEXANE	1.437	1.520	-5.8	102	0.00	8.47- 8.89
26	m	VINYL ACETATE	1.767	1.735	1.8	87	0.00	7.62- 7.97
27	m	1,1-DICHLOROETHANE	1.682	1.545	8.1	86	0.00	7.47- 7.88
28	m	METHYL ETHYL KETONE	1.621	1.587	2.1	97	0.00	7.80- 8.28
29	m	cis-1,2-DICHLOROETHYLE	0.804	0.790	1.7	89	0.00	8.28- 8.69
30	m	ETHYL ACETATE	2.916	2.973	-2.0	100	0.00	8.46- 8.89

Continuing Calibration Summary

Job Number: M64901 **Sample:** MSQ182-CC180
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3355.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

31	m	CHLOROFORM	2.378	2.341	1.6	103	0.00	8.56- 8.97
32	m	1,1,1-TRICHLOROETHANE	2.503	2.419	3.4	105	0.00	9.52- 9.93
33	m	CARBON TETRACHLORIDE	3.017	3.056	-1.3	109	0.00	10.10-10.51
34	m	1,2-DICHLOROETHANE	1.430	1.375	3.8	108	0.00	9.27- 9.68
35	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	95	0.00	10.27-10.68
36	m	BENZENE	0.467	0.430	7.9	97	0.00	9.96-10.37
37	m	CYCLOHEXANE	0.186	0.198	-6.5	96	0.00	10.22-10.63
38	m	TRICHLOROETHYLENE	0.277	0.278	-0.4	106	0.00	11.00-11.31
39	m	1,2-DICHLOROPROPANE	0.167	0.157	6.0	91	0.00	10.73-11.14
40	m	BROMODICHLOROMETHANE	0.461	0.454	1.5	104	0.00	10.96-11.27
41	m	2,2,4-TRIMETHYLPENTANE	0.769	0.773	-0.5	97	0.00	10.98-11.39
42	m	1,4-DIOXANE	0.085	0.086	-1.2	94	0.00	10.88-11.40
43	m	HEPTANE	0.293	0.307	-4.8	99	0.00	11.27-11.58
44	m	METHYL ISOBUTYL KETONE	0.389	0.411	-5.7	99	0.00	11.77-12.21
45	m	cis-1,3-DICHLOROPROPEN	0.254	0.255	-0.4	99	0.00	11.77-12.18
46	m	TOLUENE	0.291	0.291	0.0	95	0.00	12.73-13.14
47	m	trans-1,3-DICHLOROPROP	0.159	0.180	-13.2	92	0.00	12.32-12.63
48	m	1,1,2-TRICHLOROETHANE	0.174	0.175	-0.6	96	0.00	12.48-12.84
49	I	CHLOROBENZENE-D5	1.000	1.000	0.0	92	0.00	14.56-14.87
50	m	2-HEXANONE	0.362	0.382	-5.5	93	0.00	12.96-13.36
51	m	TETRACHLOROETHYLENE	0.264	0.268	-1.5	94	0.00	13.86-14.27
52	m	DIBROMOCHLOROMETHANE	0.524	0.523	0.2	100	0.00	13.18-13.54
53	m	1,2-DIBROMOETHANE	0.378	0.371	1.9	95	0.00	13.46-13.77
54	m	CHLOROBENZENE	0.518	0.482	6.9	93	0.00	14.61-14.92
55	m	ETHYLBENZENE	0.792	0.802	-1.3	94	0.00	14.96-15.33
56	m	m,p-XYLENE	0.305	0.321	-5.2	98	0.00	15.16-15.52
57	m	o-XYLENE	0.304	0.325	-6.9	97	0.00	15.66-16.02
58	m	STYRENE	0.309	0.363	-17.5	87	0.00	15.56-15.87
59	m	NONANE	0.492	0.553	-12.4	104	0.00	15.89-16.20
60	m	BROMOFORM	0.363	0.411	-13.2	96	0.00	15.28-15.59
61	S	4-BROMOFLUOROBENZENE	0.777	0.824	-6.0	97	0.00	16.19-16.50
62	m	1,1,2,2-TETRACHLOROETH	0.572	0.550	3.8	99	0.00	15.67-15.98
63	m	ISOPROPYLBENZENE	0.828	0.917	-10.7	100	0.00	16.33-16.64
64	m	2-CHLOROTOLUENE	0.620	0.689	-11.1	101	0.00	16.83-17.24
65	m	4-ETHYLTOLUENE	0.622	0.754	-21.2	101	0.00	17.09-17.36
66	m	1,3,5-TRIMETHYLBENZENE	0.704	0.793	-12.6	103	0.00	17.18-17.44
67	m	1,2,4-TRIMETHYLBENZENE	0.613	0.717	-17.0	101	0.00	17.62-17.93
68	m	m-DICHLOROBENZENE	0.372	0.349	6.2	88	0.00	17.79-18.12
69	m	BENZYL CHLORIDE	0.296	0.328	-10.8	87	0.00	17.78-18.09
70	m	p-DICHLOROBENZENE	0.324	0.275	15.1	84	0.00	17.91-18.15
71	m	o-DICHLOROBENZENE	0.413	0.360	12.8	92	0.00	18.26-18.57
		----------	True	Calc.	% Drift			----------
72	m	HEXACHLOROBUTADIENE	10.000	14.641	-46.4#	95	0.00	20.61-21.02
73	m	1,2,4-TRIMETHYLBENZENE	10.000	11.597	-16.0	68	0.00	20.12-20.53
		----------	AvgRF	CCRF	% Dev			----------
74	m	NAPHTHALENE		----------NA----------				

(#) = Out of Range SPCC's out = 0 CCC's out = 0
Q3335.D Q050307T.m Mon May 07 11:33:51 2007 RPT1

Initial Calibration Summary

Job Number: M64901 **Sample:** MSQ185-ICC185
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3393.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Response Factor Report MAMSQ

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

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

    Compound           .2    .5    2     5     10    20    40     Avg   %RSD
-------------------------------------------------------------------------------

1) I   BROMOCHLOROMETHANE    ----------------ISTD---------------------
2)m DICHLORODIFLUOROM 0.773 1.270 0.848 0.791 0.855 0.670 0.638 0.835 E1  24.99
3)m PROPYLENE         2.938 4.605 2.553 2.952 3.111 2.587 1.960 2.958  27.71
4)m FREON 114         0.746 1.286 0.848 0.827 0.898 0.716 0.613 0.847 E1  25.39
5)m CHLOROMETHANE     3.313 5.986 3.338 3.763 3.975 3.208 2.509 3.727  29.47
6)m VINYL CHLORIDE    2.715 4.871 2.950 3.066 3.273 2.597 2.115 3.084  28.27
7)m 1,3-BUTADIENE     3.302 4.706 2.501 3.089 3.179 2.813 2.452 3.149  24.16
8)m BROMOMETHANE      2.062 4.396 2.737 2.629 2.846 2.111 1.875 2.665  31.88
        ----- Quadratic regression -----  Coefficient =  0.9949
             Response Ratio = 0.08955 + 2.55861 *A + -0.17925 *A^2

9)m CHLOROETHANE      1.074 2.018 1.266 1.350 1.427 1.086 0.941 1.309  27.21
10)m TRICHLOROFLUOROME 0.849 1.397 0.872 0.883 0.937 0.722 0.768 0.918 E1  24.33
11)m ISOPROPYL ALCOHOL 8.783 7.472 4.295 5.540 5.437 5.048 4.494 5.867  28.18
12)m ACETONE                 7.620 4.260 5.154 5.186 4.818 4.272 5.219  23.85
13)m PENTANE          3.217 3.892 2.313 2.857 2.714 2.657 2.241 2.842  19.99
14)m 1,1-DICHLOROETHYL 2.082 3.846 2.323 2.375 2.535 1.959 2.034 2.451  26.49
15)m CARBON DISULFIDE  5.378 8.319 5.673 5.874 6.095 5.047 5.209 5.942  18.70
16)m ETHANOL                 1.862 0.977 1.169 1.198 1.070 0.928 1.201  28.36
17)m BROMOETHENE      2.216 4.402 2.764 2.623 2.885 2.054 1.967 2.702  30.72
        ----- Quadratic regression -----  Coefficient =  0.9923
             Response Ratio = 0.12263 + 2.41104 *A + -0.12225 *A^2

18)m METHYLENE CHLORID 4.428 4.766 2.596 2.082 2.222 1.708 1.693 2.785  45.93
  ----- Linear regression  (equal Weighting)-----  Coefficient =  0.9951
             Response Ratio = 0.21020 + 1.65099 *A

19)m 3-CHLOROPROPENE   2.501 4.164 1.825 2.157 2.101 1.980 1.937 2.381  34.24
  ----- Linear regression  (equal Weighting)-----  Coefficient =  0.9994
             Response Ratio = 0.07615 + 1.92765 *A

20)m FREON 113        4.486 3.632 4.469 4.596 4.950 3.817 4.336 4.327  10.55
21)m TRANS-1,2-DICHLOR 2.062 2.021 2.134 2.224 2.358 1.957 2.106 2.123   6.30
22)m TERTIARY BUTYL AL 5.250 7.137 4.842 5.445 5.420 4.763 3.764 5.232  19.49
23)m METHYL TERTIARY B 5.068 4.977 4.683 4.971 5.255 4.419 4.837 4.887   5.58
24)m TETRAHYDROFURAN   2.899 2.727 3.594 3.041 2.843 2.823 3.171 3.014   9.80
25)m HEXANE           3.491 3.641 3.661 3.155 2.756 2.832 3.488 3.289  11.47
26)m VINYL ACETATE    5.091 5.977 7.927 4.773 4.898 4.500 4.693 5.409  22.35
27)m 1,1-DICHLOROETHAN 4.159 4.773 4.619 4.298 4.459 3.731 3.951 4.284   8.60
28)m METHYL ETHYL KETO 6.853 5.353 6.865 5.760 5.791 5.184 6.079 5.984  11.14
29)m cis-1,2-DICHLOROE 1.276 2.087 1.861 1.605 1.349 1.514 1.599 1.613  17.52
30)m ETHYL ACETATE    1.041 0.902 1.100 0.949 0.899 0.878 1.077 0.978 E1   9.47
31)m CHLOROFORM       4.953 5.589 5.072 3.929 4.047 3.634 4.527 4.536  15.56
32)m 1,1,1-TRICHLOROET 4.322 6.092 4.961 3.841 4.379 3.567 4.822 4.569  18.25
33)m CARBON TETRACHLOR 4.468 6.554 5.215 4.379 4.881 3.980 5.598 5.011  17.36
34)m 1,2-DICHLOROETHAN 3.659 4.474 4.052 3.075 3.649 2.852 3.853 3.659  15.17
```

Initial Calibration Summary

Job Number: M64901 **Sample:** MSQ185-ICC185
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3393.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

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

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

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

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

Initial Calibration Verification

Job Number: M64901 **Sample:** MSQ185-ICV185
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3395.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Evaluate Continuing Calibration Report

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

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

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

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

Initial Calibration Verification

Job Number: M64901 **Sample:** MSQ185-ICV185
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3395.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

Continuing Calibration Summary

Job Number: M64901 **Sample:** MSQ188-CC185
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3453.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Evaluate Continuing Calibration Report

```
Data File : C:\msdchem\1\DATA\Q3453.D                    Vial: 1
Acq On    : 18 May 2007   4:25 pm                   Operator: PhilipB
Sample    : CC185-10 (M068)                         Inst    : MAMSQ
Misc      : MS13593,MSQ188,,,,,1                    Multiplr: 1.00
MS Integration Params: LSCINT.P

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

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	RT Window
1	I	BROMOCHLOROMETHANE	1.000	1.000	0.0	122	0.00	8.22- 8.63
2	m	DICHLORODIFLUOROMETHAN	8.349	6.633	20.6	95	0.01	3.39- 3.81
3	m	PROPYLENE	2.958	1.656	44.0#	65	0.01	3.32- 3.74
4	m	FREON 114	8.475	6.765	20.2	92	0.01	3.66- 4.07
5	m	CHLOROMETHANE	3.727	2.643	29.1	81	0.01	3.56- 3.97
6	m	VINYL CHLORIDE	3.084	2.258	26.8	84	0.01	3.78- 4.19
7	m	1,3-BUTADIENE	3.149	2.565	18.5	99	0.01	3.92- 4.33
		----------	True	Calc.	% Drift		----------	
8	m	BROMOMETHANE	10.000	9.004	10.0	97	0.01	4.20- 4.61
		----------	AvgRF	CCRF	% Dev		----------	
9	m	CHLOROETHANE	1.309	1.163	11.2	100	0.00	4.37- 4.79
10	m	TRICHLOROFLUOROMETHANE	9.183	9.117	0.7	119	0.00	5.19- 5.60
11	m	ISOPROPYL ALCOHOL	5.867	5.321	9.3	120	0.00	5.21- 5.68
12	m	ACETONE	5.219	5.469	-4.8	129	0.00	4.99- 5.40
13	m	PENTANE	2.842	3.680	-29.5	166	0.00	5.62- 5.93
14	m	1,1-DICHLOROETHYLENE	2.451	2.566	-4.7	124	0.00	5.87- 6.28
15	m	CARBON DISULFIDE	5.942	6.766	-13.9	136	0.00	6.32- 6.73
16	m	ETHANOL	1.201	0.964	19.7	98	0.00	4.45- 4.91
		----------	True	Calc.	% Drift		----------	
17	m	BROMOETHENE	10.000	9.826	1.7	101	0.01	4.74- 5.16
18	m	METHYLENE CHLORIDE	10.000	12.865	-28.7	128	0.00	6.05- 6.35
19	m	3-CHLOROPROPENE	10.000	14.925	-49.3#	172	0.00	6.12- 6.53
		----------	AvgRF	CCRF	% Dev		----------	
20	m	FREON 113	4.327	4.462	-3.1	110	0.00	6.27- 6.68
21	m	TRANS-1,2-DICHLOROETHY	2.123	2.298	-8.2	119	0.00	6.98- 7.39
22	m	TERTIARY BUTYL ALCOHOL	5.232	5.602	-7.1	126	0.00	5.84- 6.35
23	m	METHYL TERTIARY BUTYL	4.887	5.052	-3.4	118	0.00	7.24- 7.65
24	m	TETRAHYDROFURAN	3.014	2.570	14.7	111	0.00	8.82- 9.10
25	m	HEXANE	3.289	3.010	8.5	134	0.00	8.26- 8.67
26	m	VINYL ACETATE	5.409	6.987	-29.2	174	0.00	7.36- 7.71
27	m	1,1-DICHLOROETHANE	4.284	5.323	-24.3	146	0.00	7.19- 7.60
28	m	METHYL ETHYL KETONE	5.984	5.305	11.3	112	0.01	7.56- 8.04
29	m	cis-1,2-DICHLOROETHYLE	1.613	1.372	14.9	124	0.01	8.05- 8.46
30	m	ETHYL ACETATE	9.780	9.432	3.6	128	0.00	8.25- 8.68
31	m	CHLOROFORM	4.536	4.381	3.4	132	0.00	8.35- 8.76
32	m	1,1,1-TRICHLOROETHANE	4.569	4.334	5.1	121	0.00	9.35- 9.76
33	m	CARBON TETRACHLORIDE	5.011	4.742	5.4	119	0.00	9.95-10.37
34	m	1,2-DICHLOROETHANE	3.659	3.495	4.5	117	0.00	9.09- 9.51

Continuing Calibration Summary

Job Number: M64901 **Sample:** MSQ188-CC185
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3453.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

35	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	118	0.00	10.14-10.55
36	m	BENZENE	1.039	0.879	15.4	125	0.00	9.81-10.22
37	m	CYCLOHEXANE	0.348	0.317	8.9	126	0.00	10.08-10.49
38	m	TRICHLOROETHYLENE	0.566	0.543	4.1	133	0.00	10.90-11.21
39	m	1,2-DICHLOROPROPANE	0.495	0.428	13.5	121	0.00	10.61-11.02
40	m	BROMODICHLOROMETHANE	0.964	0.912	5.4	124	0.00	10.86-11.17
41	m	2,2,4-TRIMETHYLPENTANE	2.427	2.217	8.7	128	0.00	10.87-11.28
42	m	1,4-DIOXANE	0.189	0.163	13.8	120	0.00	10.78-11.31
43	m	HEPTANE	1.038	0.965	7.0	122	0.00	11.17-11.48
44	m	METHYL ISOBUTYL KETONE	1.492	1.391	6.8	120	0.00	11.70-12.13
45	m	cis-1,3-DICHLOROPROPEN	0.659	0.541	17.9	108	0.00	11.69-12.11
46	m	TOLUENE	0.687	0.611	11.1	123	0.00	12.68-13.09
47	m	trans-1,3-DICHLOROPROP	0.566	0.529	6.5	118	0.00	12.26-12.57
48	m	1,1,2-TRICHLOROETHANE	0.416	0.374	10.1	130	0.00	12.42-12.78
49	I	CHLOROBENZENE-D5	1.000	1.000	0.0	106	0.00	14.54-14.85
50	m	2-HEXANONE	1.415	1.368	3.3	112	0.00	12.91-13.31
			---------- True	Calc.	% Drift	----------		
51	m	TETRACHLOROETHYLENE	10.000	10.565	-5.6	108	0.00	13.83-14.24
			---------- AvgRF	CCRF	% Dev	----------		
52	m	DIBROMOCHLOROMETHANE	0.994	1.002	-0.8	124	0.00	13.14-13.50
53	m	1,2-DIBROMOETHANE	0.864	0.800	7.4	119	0.00	13.42-13.73
54	m	CHLOROBENZENE	1.059	0.966	8.8	118	0.00	14.59-14.90
55	m	ETHYLBENZENE	1.859	1.814	2.4	120	0.00	14.94-15.31
56	m	m,p-XYLENE	0.683	0.656	4.0	123	0.00	15.14-15.50
57	m	o-XYLENE	0.706	0.678	4.0	125	0.00	15.64-16.01
58	m	STYRENE	0.884	0.824	6.8	110	0.00	15.55-15.86
59	m	NONANE	1.878	1.919	-2.2	128	0.00	15.88-16.19
60	m	BROMOFORM	0.781	0.755	3.3	117	0.00	15.27-15.58
61	S	4-BROMOFLUOROBENZENE	0.859	0.856	0.3	102	0.00	16.18-16.49
62	m	1,1,2,2-TETRACHLOROETH	1.253	1.351	-7.8	143	0.00	15.66-15.97
63	m	ISOPROPYLBENZENE	2.051	1.847	9.9	112	0.00	16.32-16.63
64	m	2-CHLOROTOLUENE	1.601	1.437	10.2	107	0.00	16.82-17.24
65	m	4-ETHYLTOLUENE	1.804	1.748	3.1	116	0.00	17.09-17.36
66	m	1,3,5-TRIMETHYLBENZENE	1.748	1.633	6.6	113	0.00	17.18-17.44
67	m	1,2,4-TRIMETHYLBENZENE	1.656	1.497	9.6	101	0.00	17.62-17.93
68	m	m-DICHLOROBENZENE	0.969	0.763	21.3	92	0.00	17.79-18.12
69	m	BENZYL CHLORIDE	1.127	1.040	7.7	95	0.00	17.78-18.09
70	m	p-DICHLOROBENZENE	0.893	0.678	24.1	84	0.00	17.91-18.15
71	m	o-DICHLOROBENZENE	0.867	0.629	27.5	81	0.00	18.26-18.57
			---------- True	Calc.	% Drift	----------		
72	m	HEXACHLOROBUTADIENE	10.000	7.487	25.1	67	0.00	20.60-21.02
73	m	1,2,4-TRICHLOROBENZENE	10.000	5.515	44.9#	52	0.00	20.11-20.53
			---------- AvgRF	CCRF	% Dev	----------		
74	m	NAPHTHALENE		----------NA----------				

(#) = Out of Range SPCC's out = 0 CCC's out = 0
Q3393.D Q051507T.m Mon May 21 09:24:22 2007 RPT1

GC/MS Volatiles

Raw Data

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3456.D
Acq On : 18 May 2007 6:51 pm
Operator : PhilipB
Sample : M64901-1
Misc : MS13602,MSQ188,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 21 09:39:19 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration

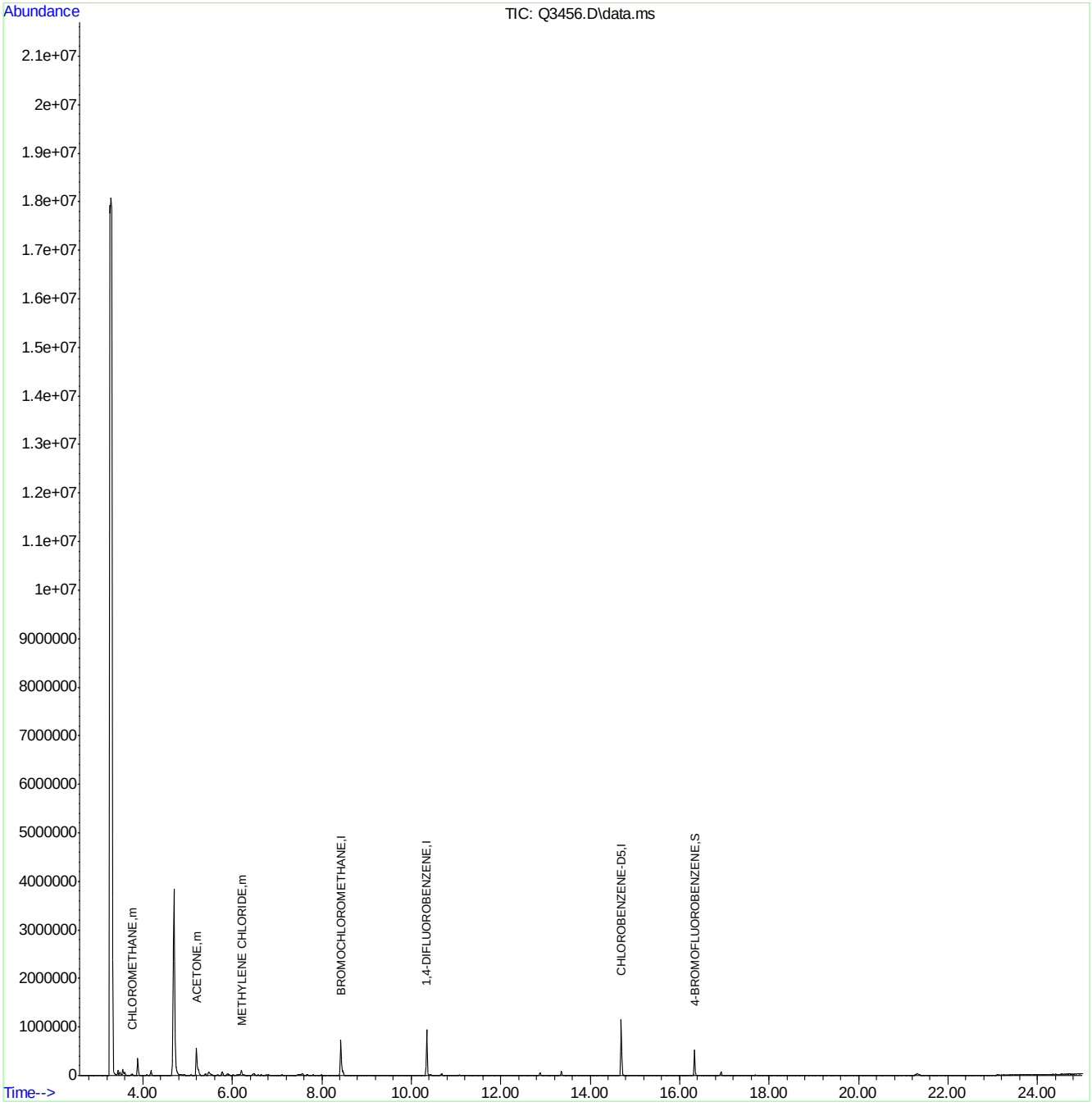
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.427	128	100430	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.348	114	431971	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.696	117	386293	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.332	95	137451	4.14	PPBV	0.00
Spiked Amount 5.000	Range 57 - 139		Recovery = 82.80%			
Target Compounds						Qvalue
5) CHLOROMETHANE	3.765	50	17042	0.46	PPBV	91
12) ACETONE	5.199	43	686033	13.09	PPBV #	77
18) METHYLENE CHLORIDE	6.205	84	29517	0.51	PPBV #	1

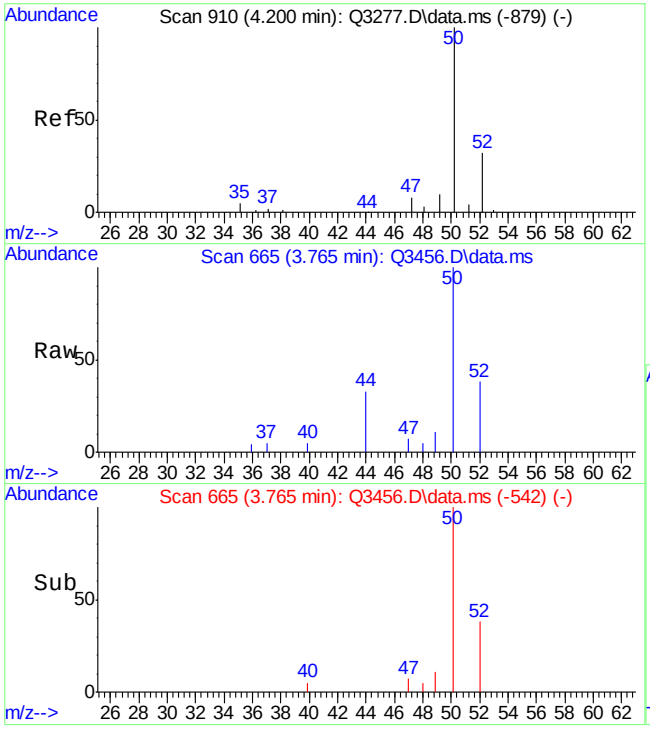
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3456.D
Acq On : 18 May 2007 6:51 pm
Operator : PhilipB
Sample : M64901-1
Misc : MS13602,MSQ188,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 21 09:39:19 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration

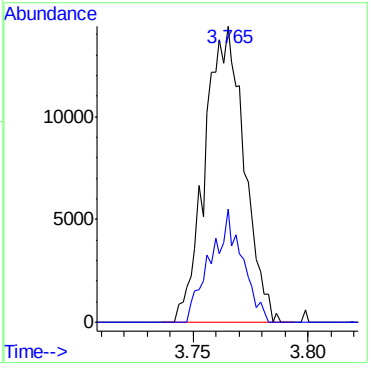


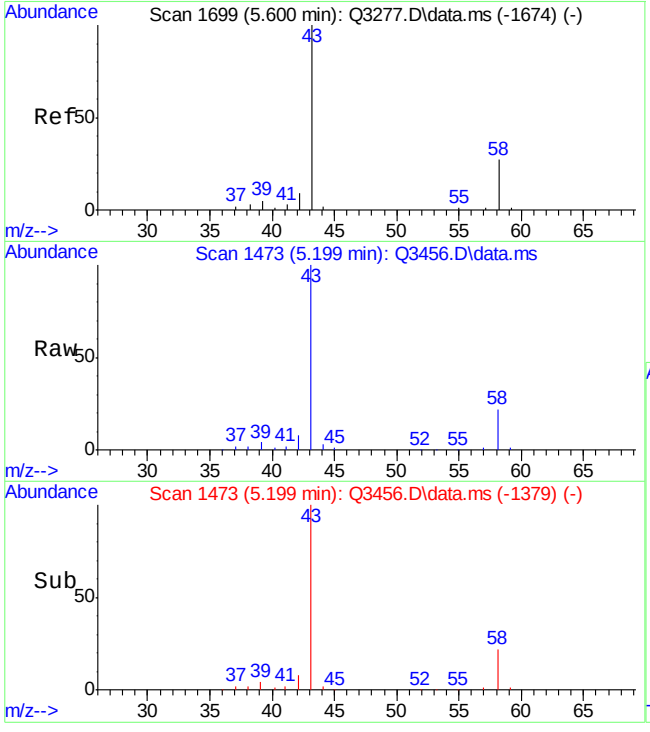


#5
CHLOROMETHANE
Concen: 0.46 PPBV
RT: 3.765 min Scan# 665
Delta R.T. 0.012 min
Lab File: Q3456.D
Acq: 18 May 2007 6:51 pm

Tgt Ion: 50 Resp: 17042

Ion	Ratio	Lower	Upper
50	100		
52	38.1	12.8	52.8

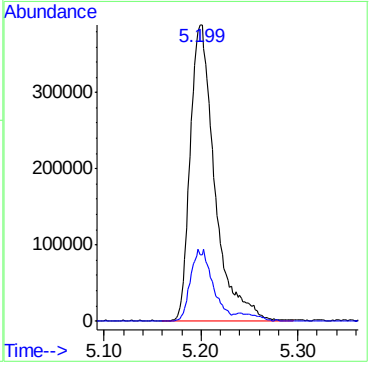


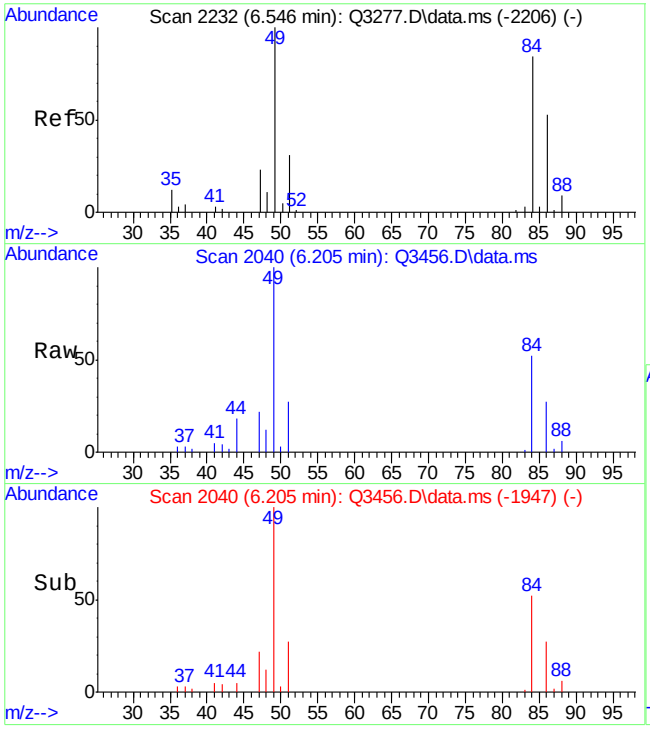


#12
ACETONE
Concen: 13.09 PPBV
RT: 5.199 min Scan# 1473
Delta R.T. 0.011 min
Lab File: Q3456.D
Acq: 18 May 2007 6:51 pm

Tgt Ion: 43 Resp: 686033

Ion	Ratio	Lower	Upper
43	100		
58	21.7	0.0	20.3#

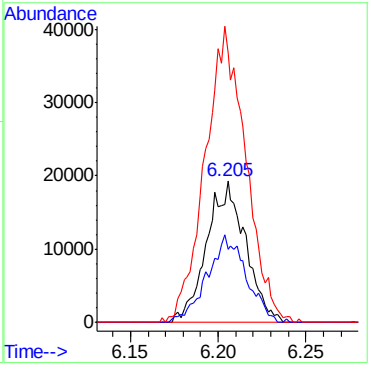




#18
METHYLENE CHLORIDE
Concen: 0.51 PPBV
RT: 6.205 min Scan# 2040
Delta R.T. 0.014 min
Lab File: Q3456.D
Acq: 18 May 2007 6:51 pm

Tgt Ion: 84 Resp: 29517

Ion	Ratio	Lower	Upper
84	100		
86	62.0	0.0	21.1#
49	220.9	0.0	204.0#



6.1.1

6

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3458.D
Acq On : 18 May 2007 8:13 pm
Operator : PhilipB
Sample : M64901-2
Misc : MS13602,MSQ188,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 21 09:41:51 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.435	128	94928	10.00	PPBV	0.01
35) 1,4-DIFLUOROBENZENE	10.348	114	432070	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.694	117	382569	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.334	95	130870	3.98	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 79.60%

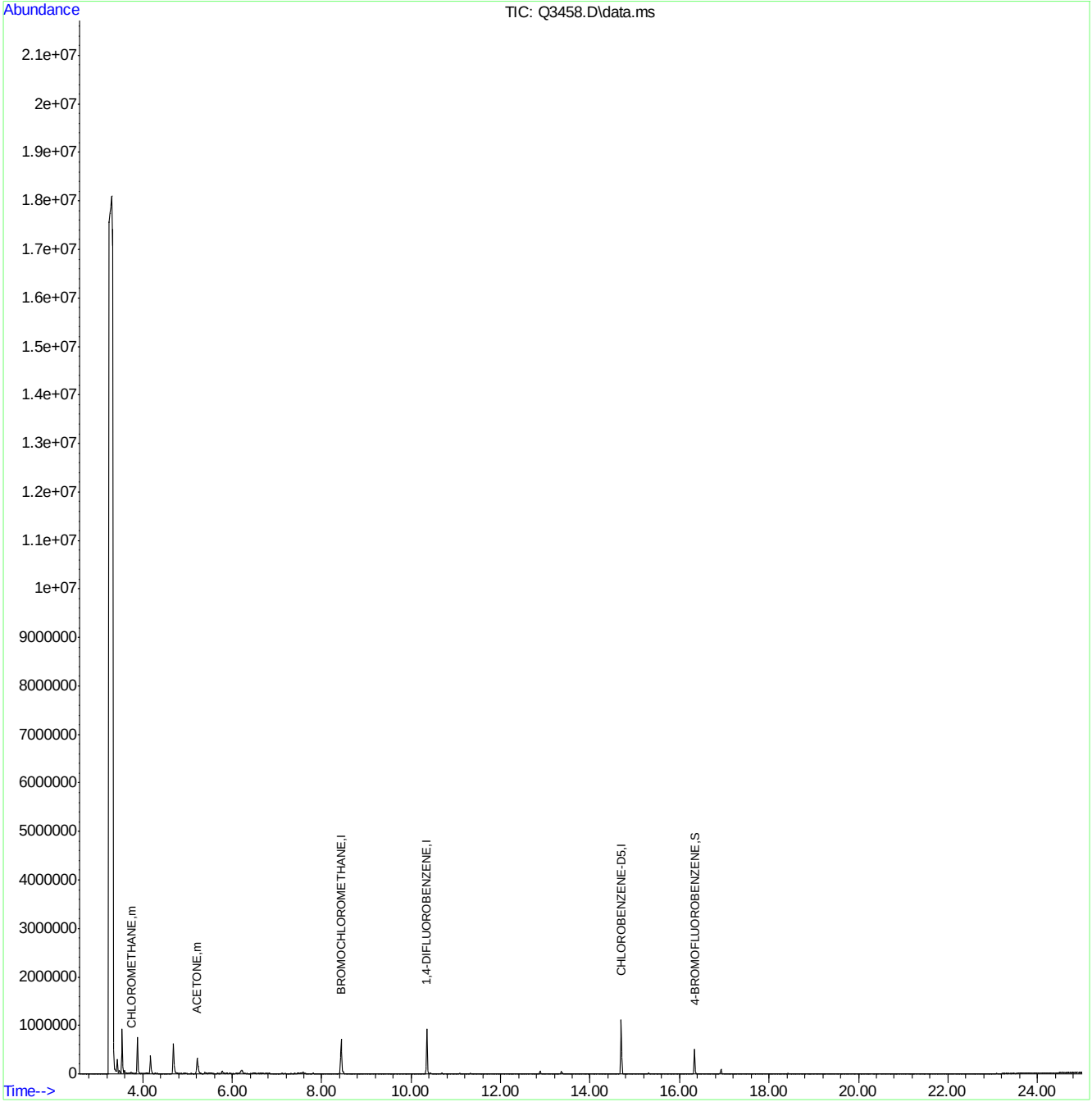
Target Compounds						Qvalue
5) CHLOROMETHANE	3.760	50	12254	0.35	PPBV	94
12) ACETONE	5.212	43	386629	7.80	PPBV #	75

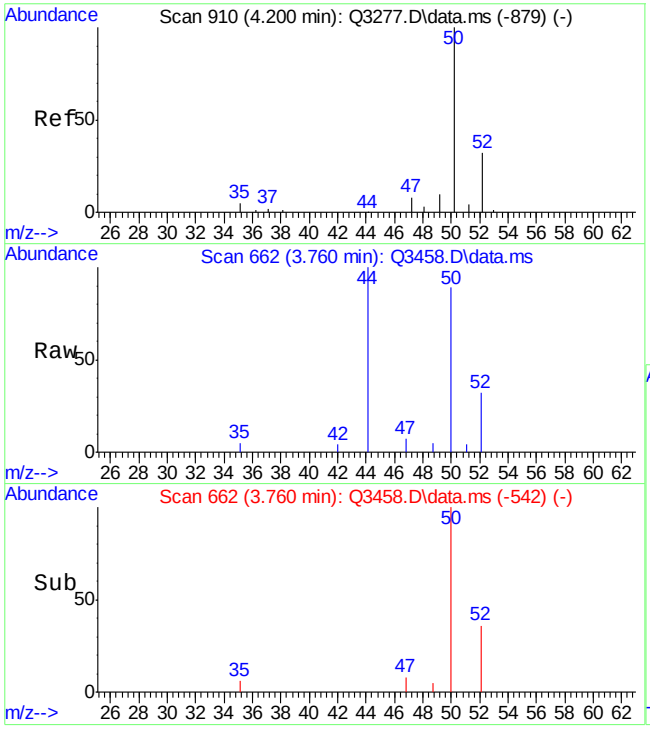
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3458.D
Acq On : 18 May 2007 8:13 pm
Operator : PhilipB
Sample : M64901-2
Misc : MS13602,MSQ188,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 21 09:41:51 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration

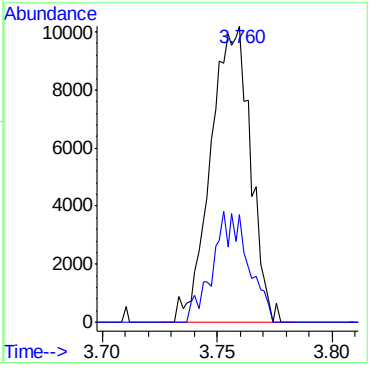


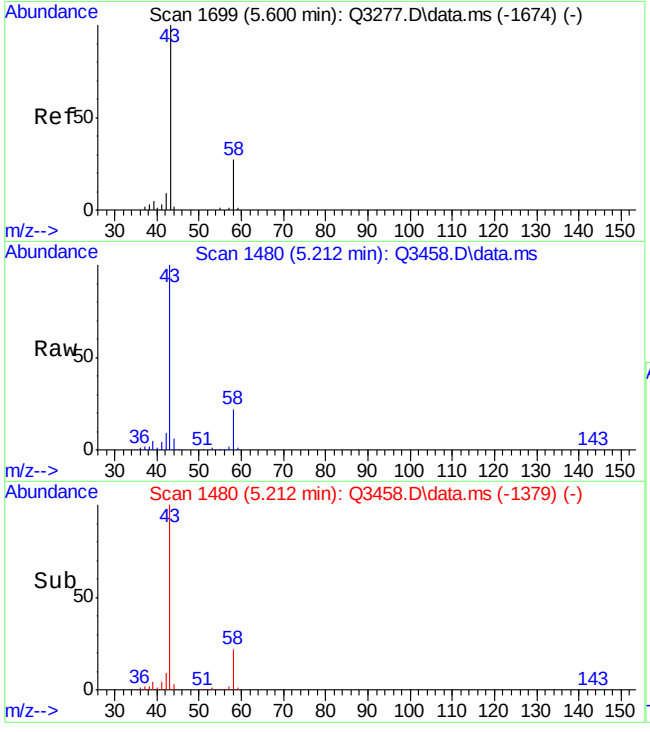


#5
CHLOROMETHANE
Concen: 0.35 PPBV
RT: 3.760 min Scan# 662
Delta R.T. 0.007 min
Lab File: Q3458.D
Acq: 18 May 2007 8:13 pm

Tgt Ion: 50 Resp: 12254

Ion	Ratio	Lower	Upper
50	100		
52	36.5	12.8	52.8

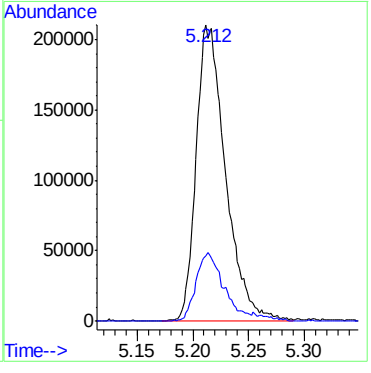




#12
ACETONE
Concen: 7.80 PPBV
RT: 5.212 min Scan# 1480
Delta R.T. 0.024 min
Lab File: Q3458.D
Acq: 18 May 2007 8:13 pm

Tgt Ion: 43 Resp: 386629

Ion	Ratio	Lower	Upper
43	100		
58	23.1	0.0	20.3#



Manual Integrations
APPROVED
(compounds with "m" flag)
Doug Yargeau
05/23/07 10:30

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3455.D
Acq On : 18 May 2007 6:11 pm
Operator : PhilipB
Sample : MB (M027)
Misc : MS13602,MSQ188,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 21 09:35:50 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration

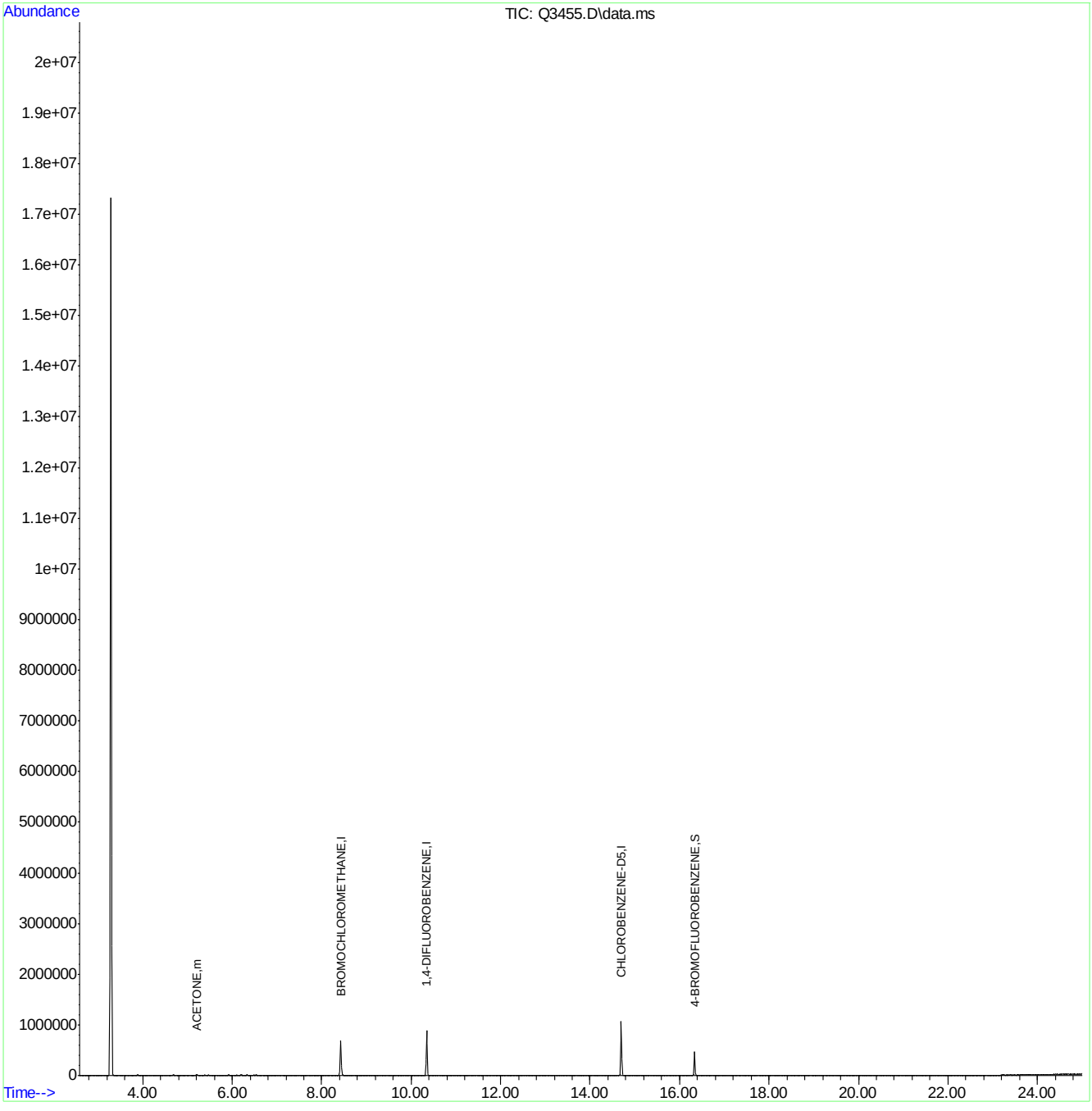
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.426	128	96562	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.346	114	410447	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.694	117	355669	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.336	95	119628	3.91	PPBV	0.00
Spiked Amount 5.000	Range 57 - 139		Recovery = 78.20%			
Target Compounds						Qvalue
12) ACETONE	5.206	43	18174m	0.36	PPBV	

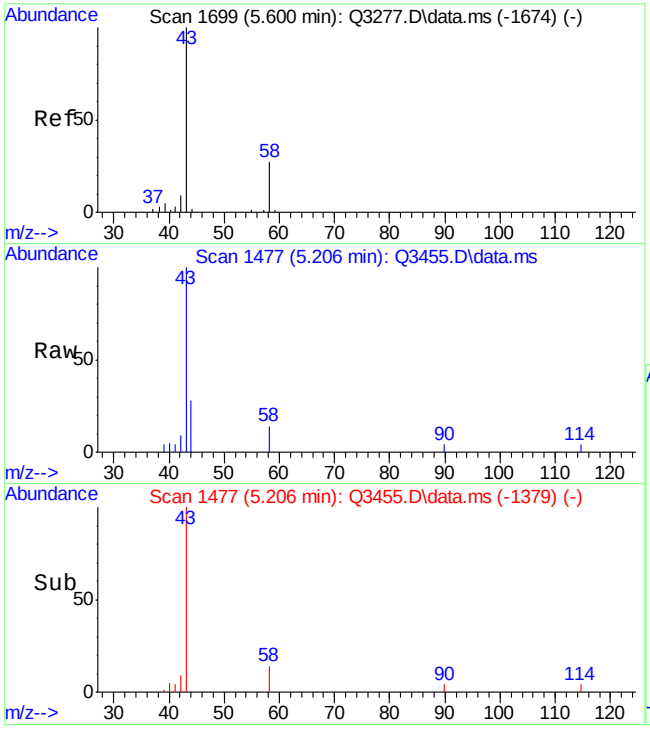
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3455.D
Acq On : 18 May 2007 6:11 pm
Operator : PhilipB
Sample : MB (M027)
Misc : MS13602,MSQ188,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 21 09:35:50 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration

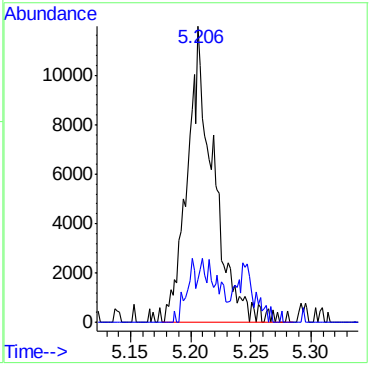




#12
ACETONE
Concen: 0.36 PPBV m
RT: 5.206 min Scan# 1477
Delta R.T. 0.018 min
Lab File: Q3455.D
Acq: 18 May 2007 6:11 pm

Tgt Ion: 43 Resp: 18174

Ion	Ratio	Lower	Upper
43	100		
58	0.7	0.0	20.3



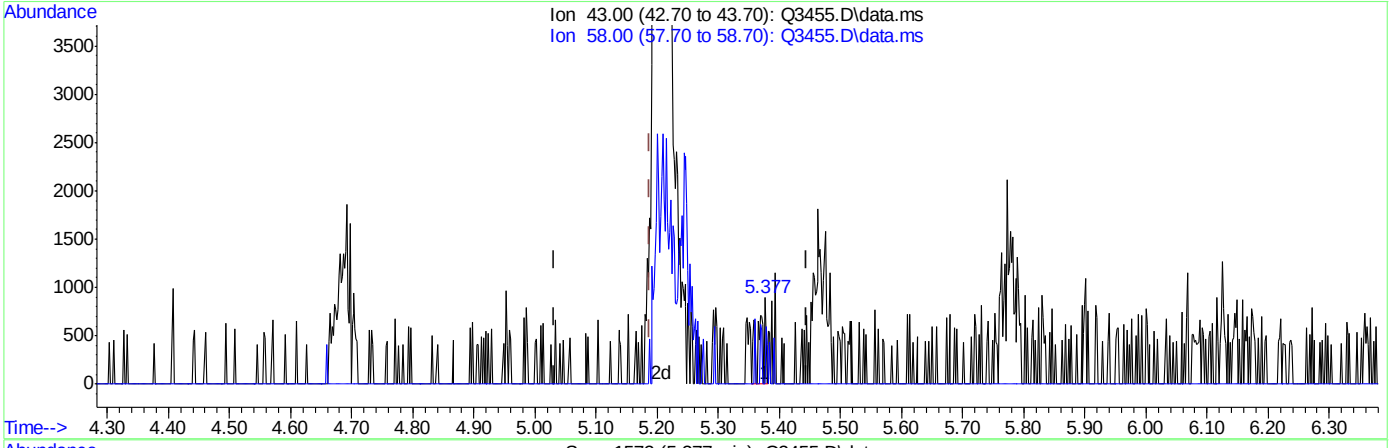
6.2.1

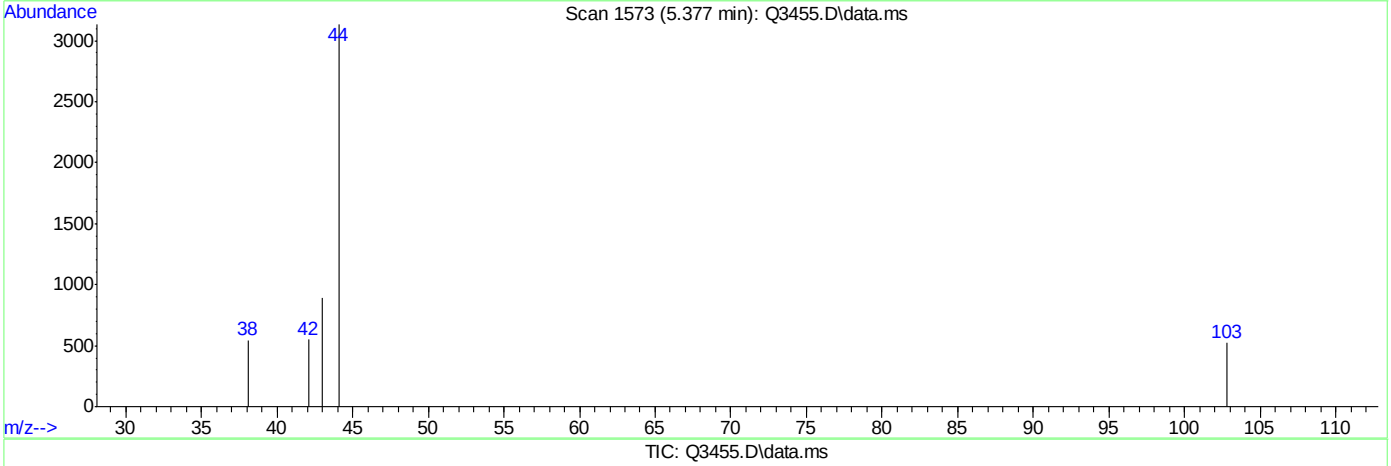
6

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3455.D
Acq On    : 18 May 2007   6:11 pm
Operator  : PhilipB
Sample    : MB (M027)
Misc      : MS13602,MSQ188,,,,,1
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: May 21 09:34:30 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration
```



TIC: Q3455.D\data.ms

(12) ACETONE (m)

5.377min (+0.189) 0.01PPBV

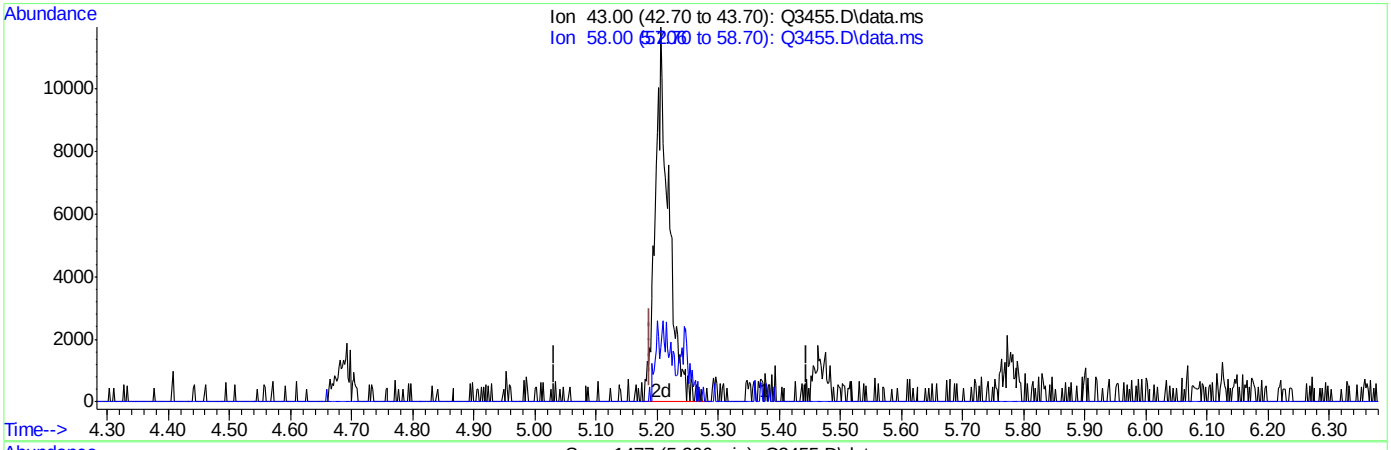
response 668

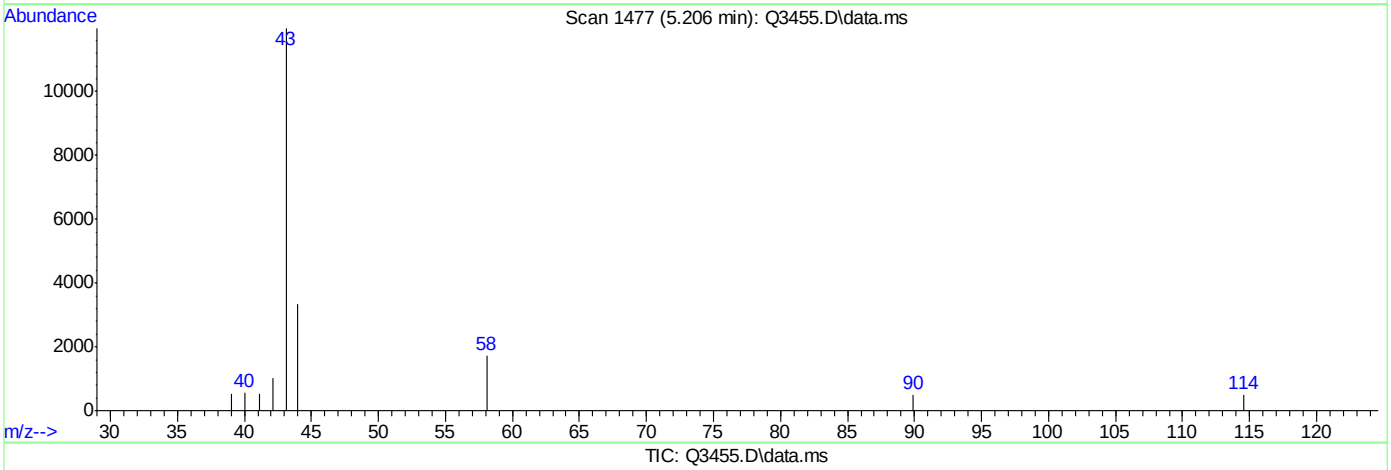
Ion	Exp%	Act%
43.00	100	100
58.00	0.30	18.71
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3455.D
Acq On : 18 May 2007 6:11 pm
Operator : PhilipB
Sample : MB (M027)
Misc : MS13602,MSQ188,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 21 09:34:30 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration





TIC: Q3455.D\data.ms

(12) ACETONE (m)

5.206min (+0.018) 0.36PPBV m

response 18174

Ion	Exp%	Act%
43.00	100	100
58.00	0.30	0.69
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integrations
APPROVED
(compounds with "m" flag)
Doug Yargeau
05/05/07 13:04

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3342.D
Acq On : 4 May 2007 4:46 pm
Operator : PhilipB
Sample : MB (M116)
Misc : MS13500,MSQ181,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 04 17:12:03 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 15:09:53 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.646	128	140470	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.476	114	599693	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.723	117	459105m	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.339	95	134906	3.78	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 75.60%

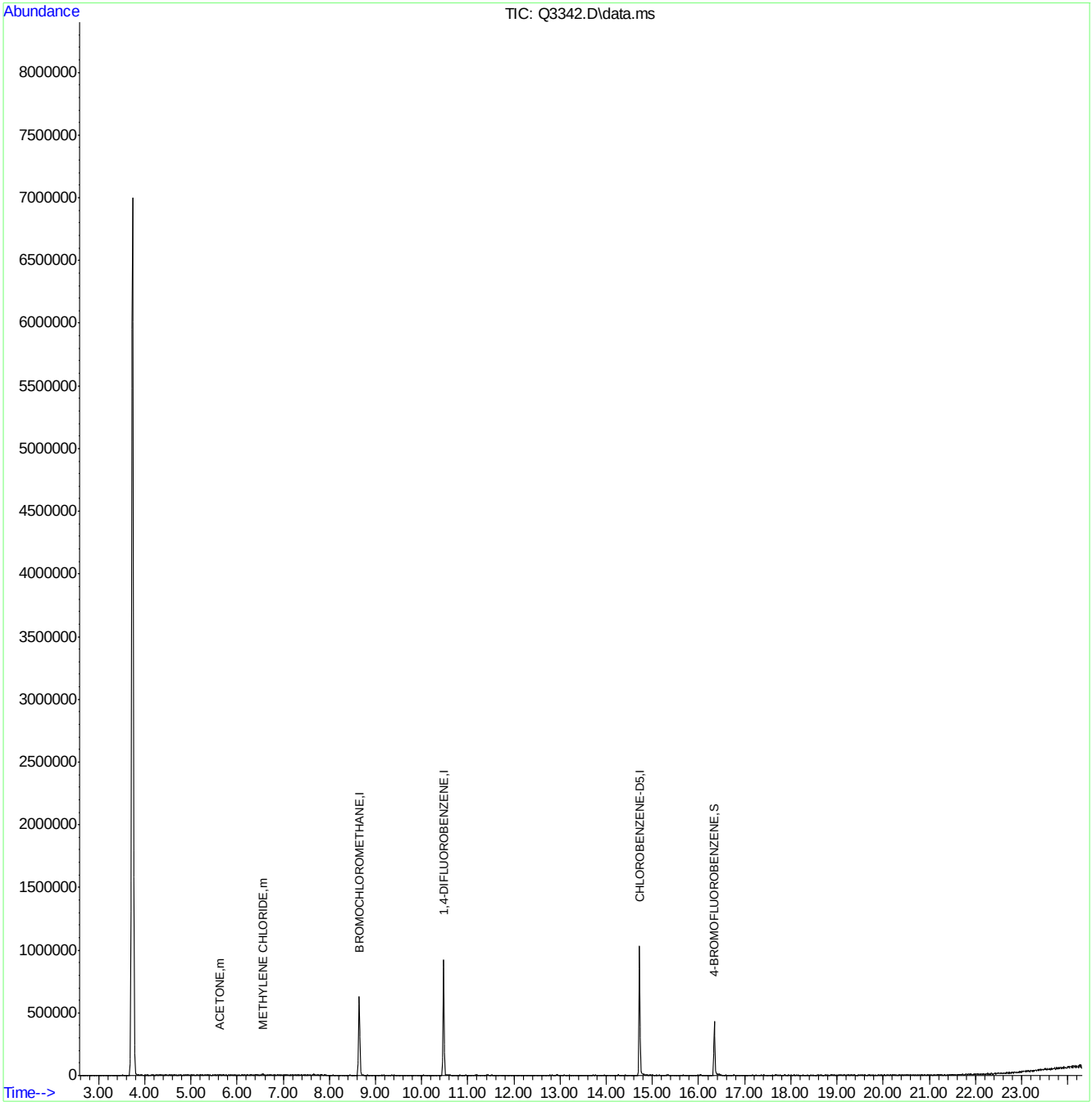
Target Compounds						Qvalue
12) ACETONE	5.625	43	6455m	0.81	PPBV	
18) METHYLENE CHLORIDE	6.559	84	2859m	0.14	PPBV	

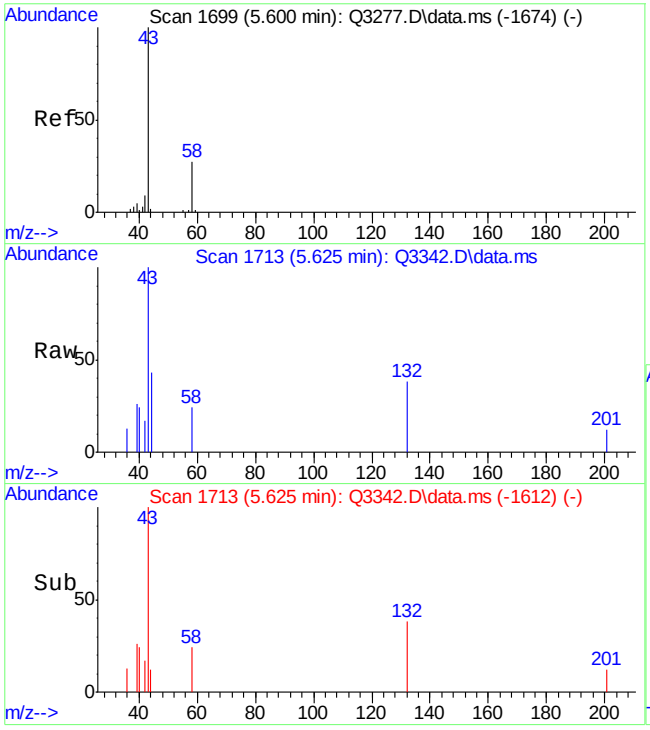
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3342.D
Acq On : 4 May 2007 4:46 pm
Operator : PhilipB
Sample : MB (M116)
Misc : MS13500,MSQ181,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 04 17:12:03 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 15:09:53 2007
Response via : Initial Calibration

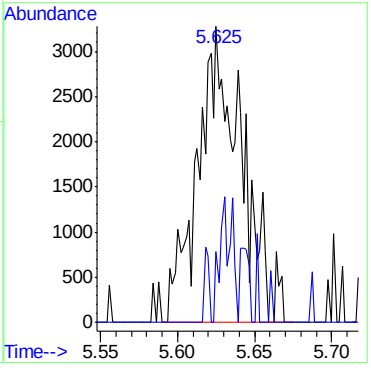


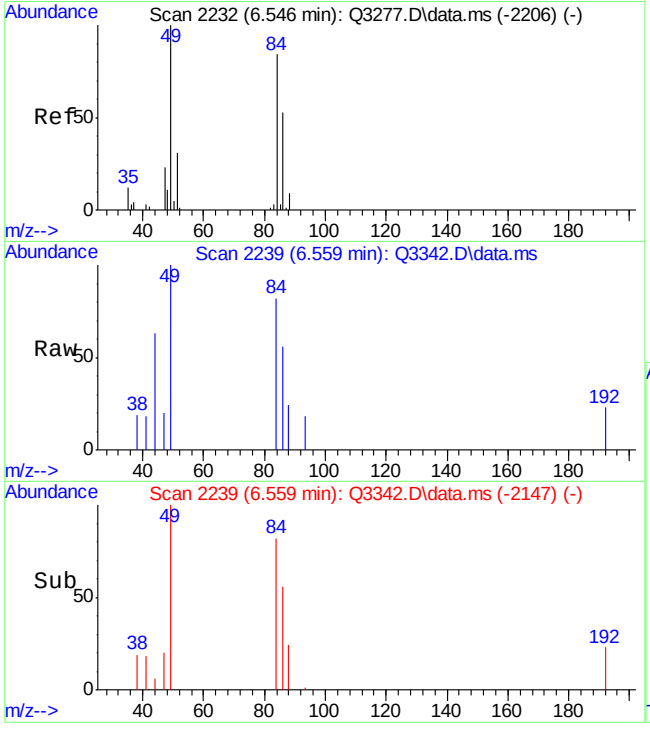


#12
ACETONE
Concen: 0.81 PPBV m
RT: 5.625 min Scan# 1713
Delta R.T. 0.025 min
Lab File: Q3342.D
Acq: 4 May 2007 4:46 pm

Tgt Ion: 43 Resp: 6455

Ion	Ratio	Lower	Upper
43	100		
58	19.4	5.4	45.4

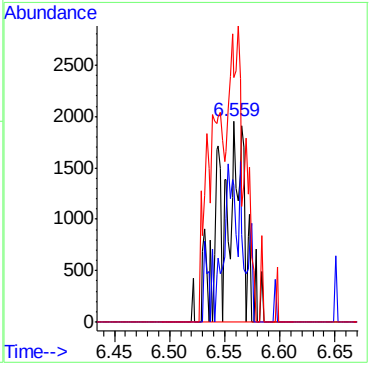




#18
METHYLENE CHLORIDE
Concen: 0.14 PPBV m
RT: 6.559 min Scan# 2239
Delta R.T. 0.013 min
Lab File: Q3342.D
Acq: 4 May 2007 4:46 pm

Tgt Ion: 84 Resp: 2859

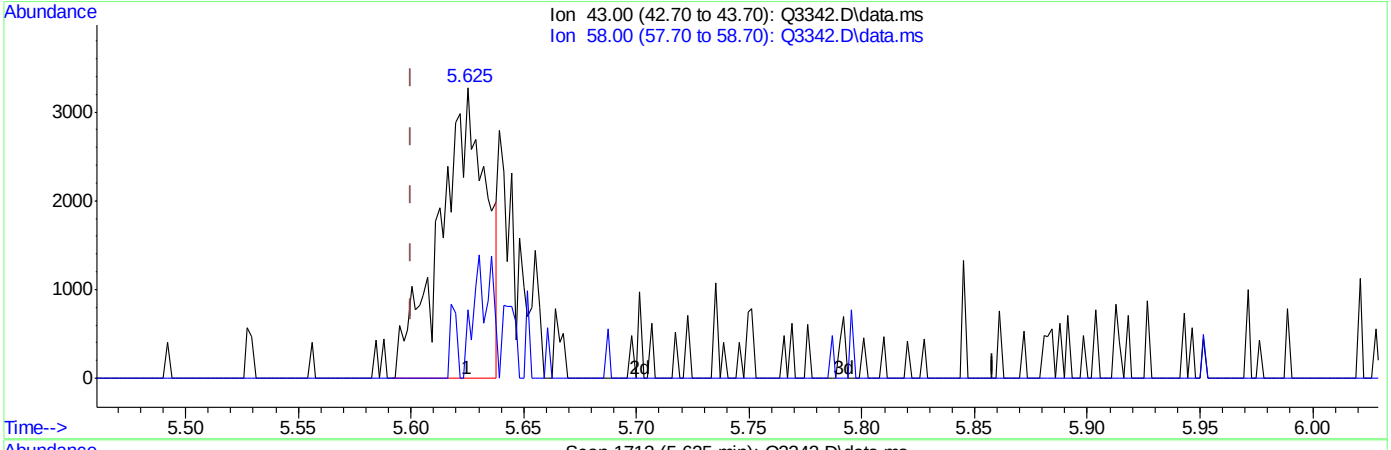
Ion	Ratio	Lower	Upper
84	100		
86	0.0	45.0	85.0#
49	78.7	0.0	318.8

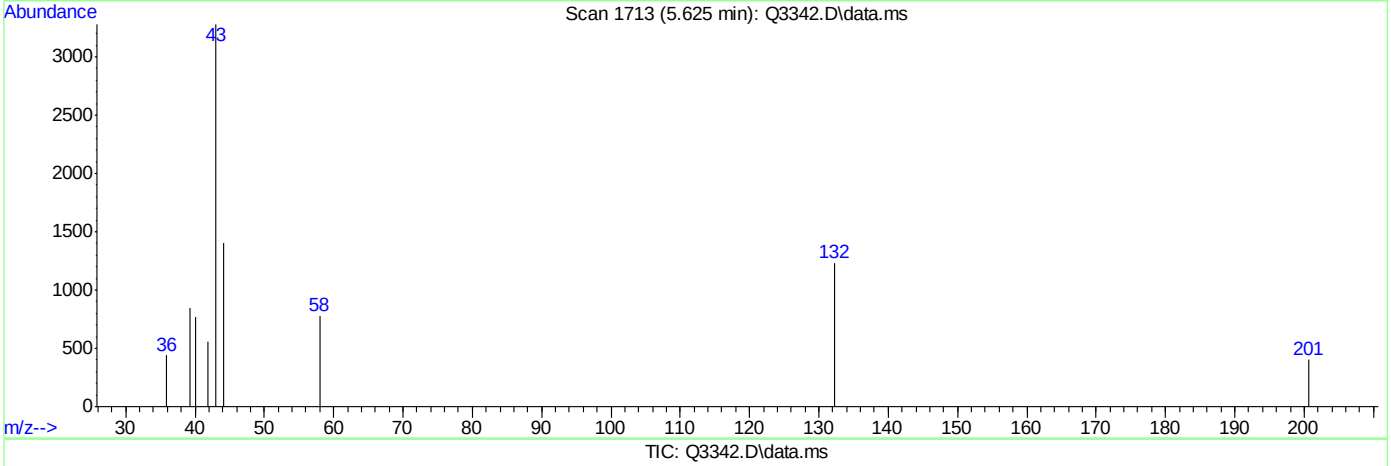


Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3342.D
Acq On    :  4 May 2007   4:46 pm
Operator  : PhilipB
Sample    : MB (M116)
Misc      : MS13500,MSQ181,,,,,1
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: May 04 17:10:58 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 15:09:53 2007
Response via : Initial Calibration
```



TIC: Q3342.D\data.ms

(12) ACETONE (m)

5.625min (+0.025) 0.74PPBV

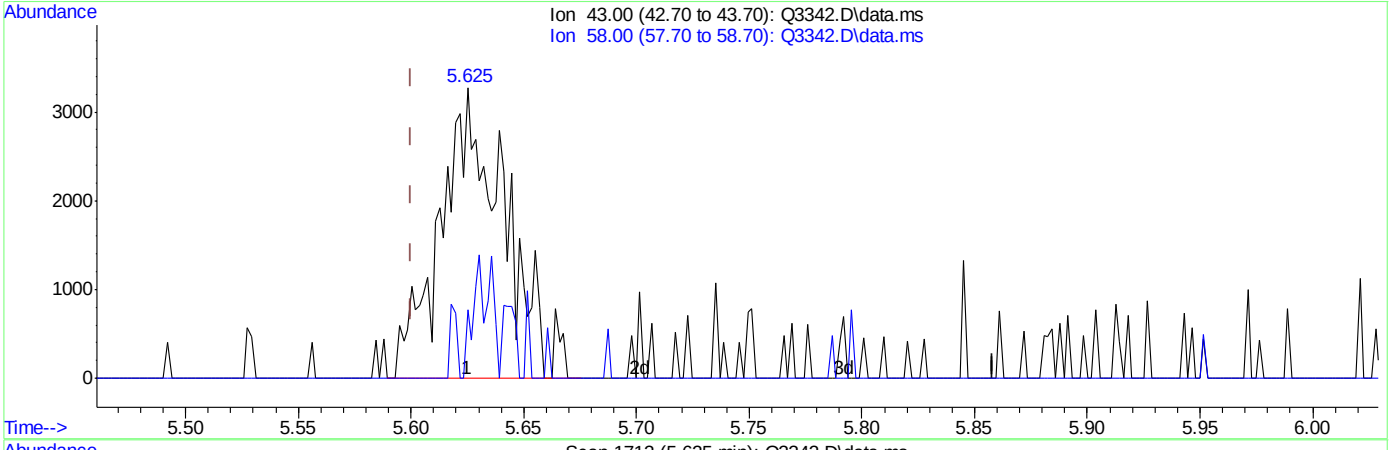
response 4623

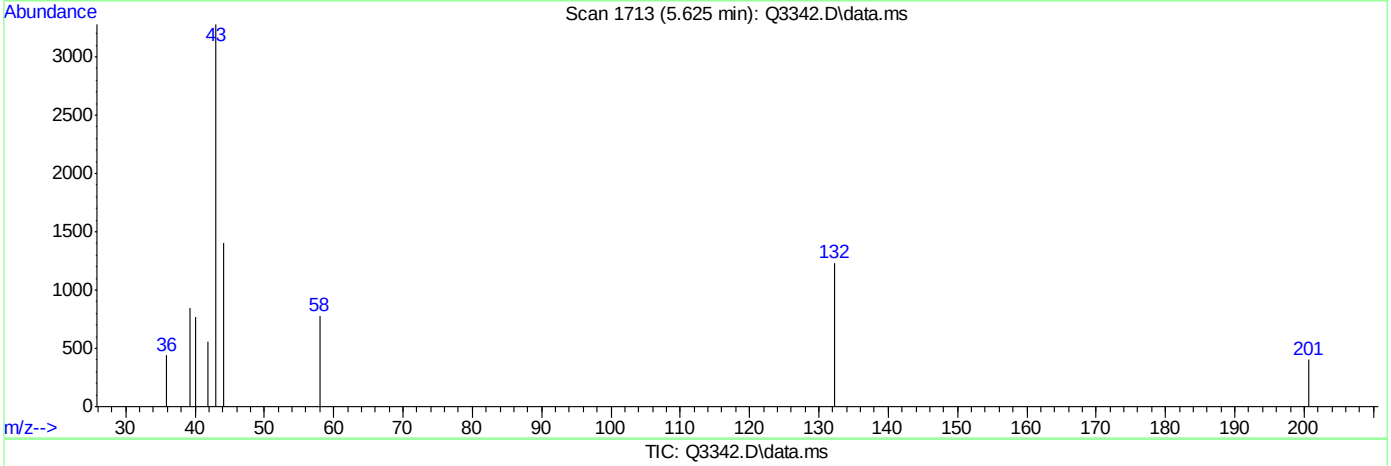
Ion	Exp%	Act%
43.00	100	100
58.00	25.40	27.06
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3342.D
Acq On    :  4 May 2007   4:46 pm
Operator  : PhilipB
Sample    : MB (M116)
Misc      : MS13500,MSQ181,,,,,1
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: May 04 17:10:58 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 15:09:53 2007
Response via : Initial Calibration
```



TIC: Q3342.D\data.ms

(12) ACETONE (m)

5.625min (+0.025) 0.81PPBV m

response 6455

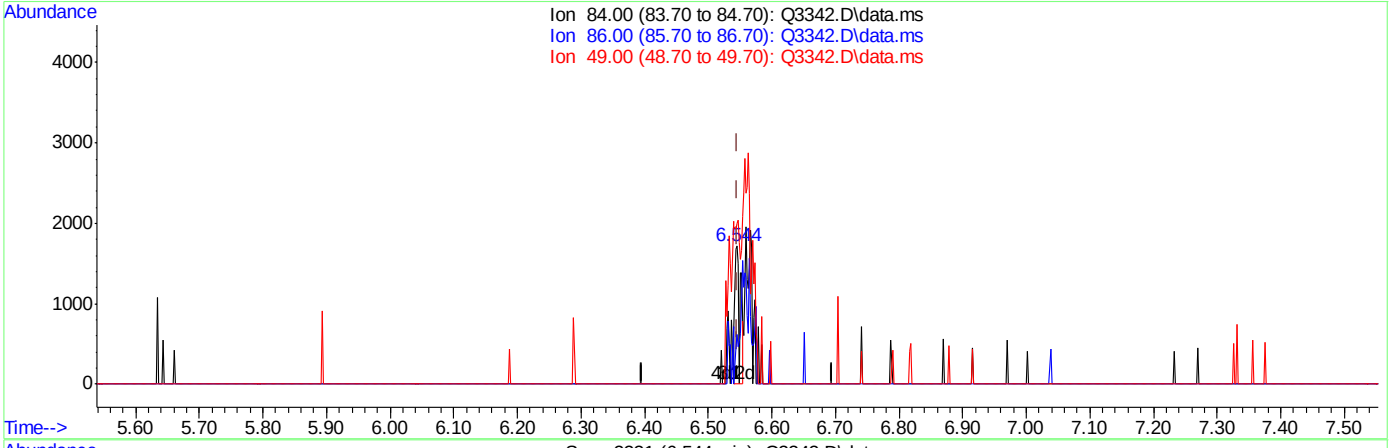
Ion	Exp%	Act%
43.00	100	100
58.00	25.40	19.38
0.00	0.00	0.00
0.00	0.00	0.00

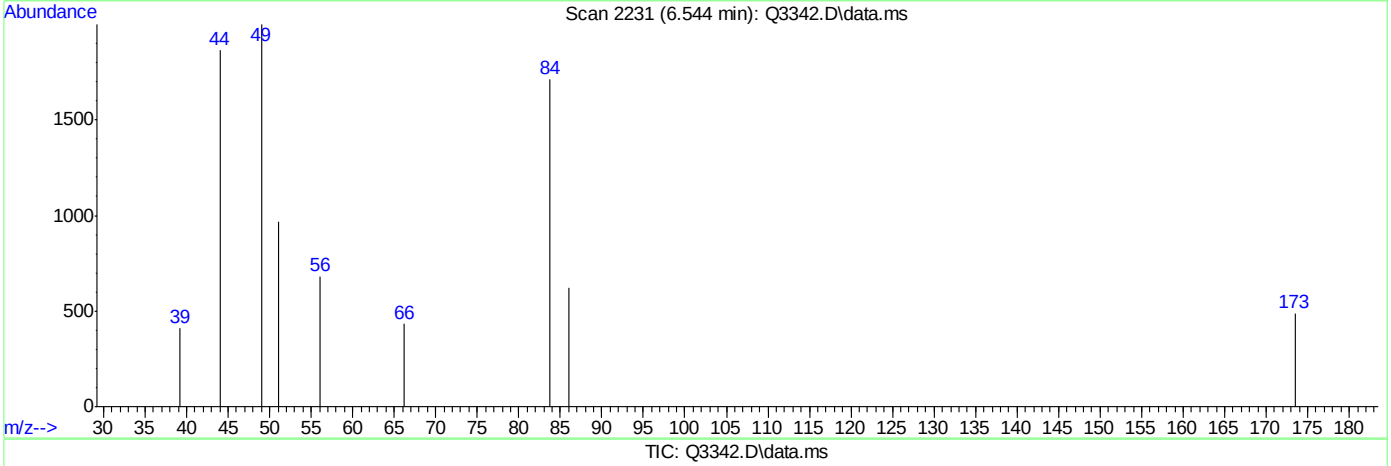
ACCUTEST Laboratories
M64901

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3342.D
Acq On    :  4 May 2007   4:46 pm
Operator  : PhilipB
Sample    : MB (M116)
Misc      : MS13500,MSQ181,,,,,1
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: May 04 17:10:58 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 15:09:53 2007
Response via : Initial Calibration
```



TIC: Q3342.D\data.ms

(18) METHYLENE CHLORIDE (m)

6.544min (-0.002) 0.05PPBV

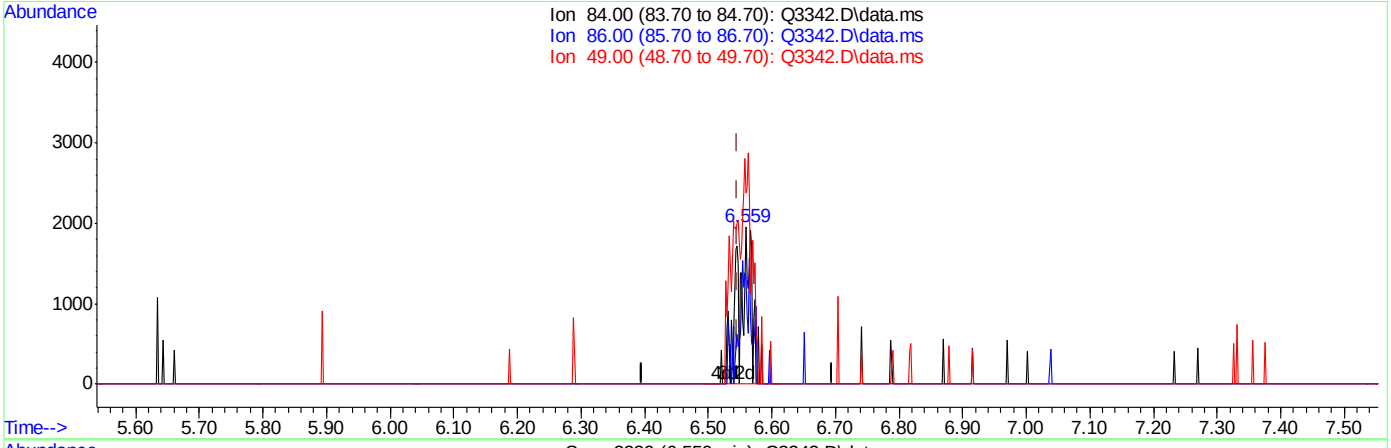
response 970

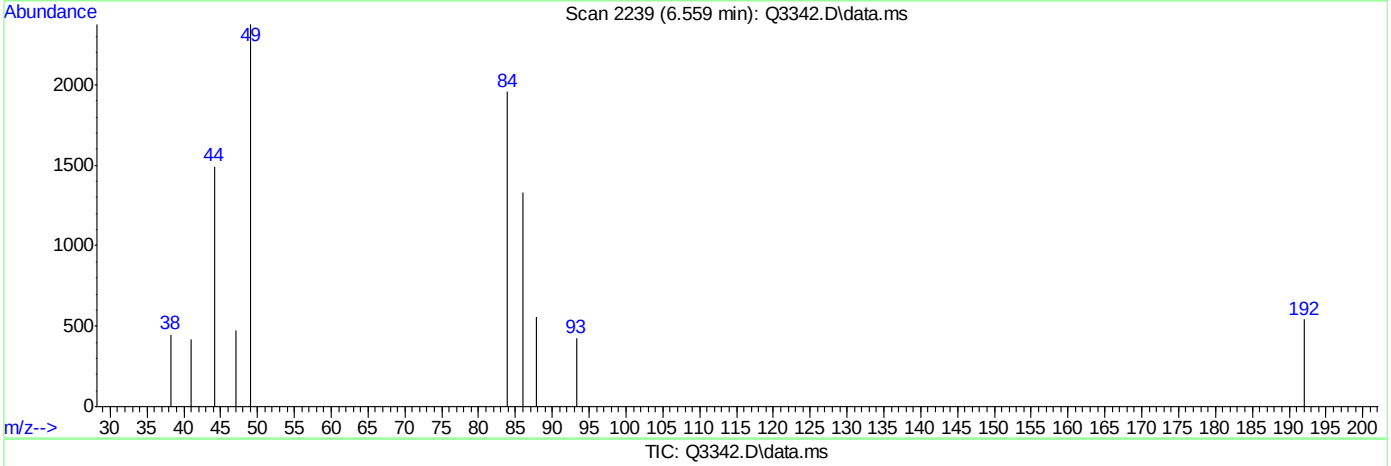
Ion	Exp%	Act%
84.00	100	100
86.00	65.00	0.00#
49.00	118.80	231.86
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3342.D
Acq On    :  4 May 2007   4:46 pm
Operator  : PhilipB
Sample    : MB (M116)
Misc      : MS13500,MSQ181,,,,,1
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: May 04 17:10:58 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 15:09:53 2007
Response via : Initial Calibration
```



TIC: Q3342.D\data.ms

(18) METHYLENE CHLORIDE (m)

6.559min (+0.013) 0.14PPBV m

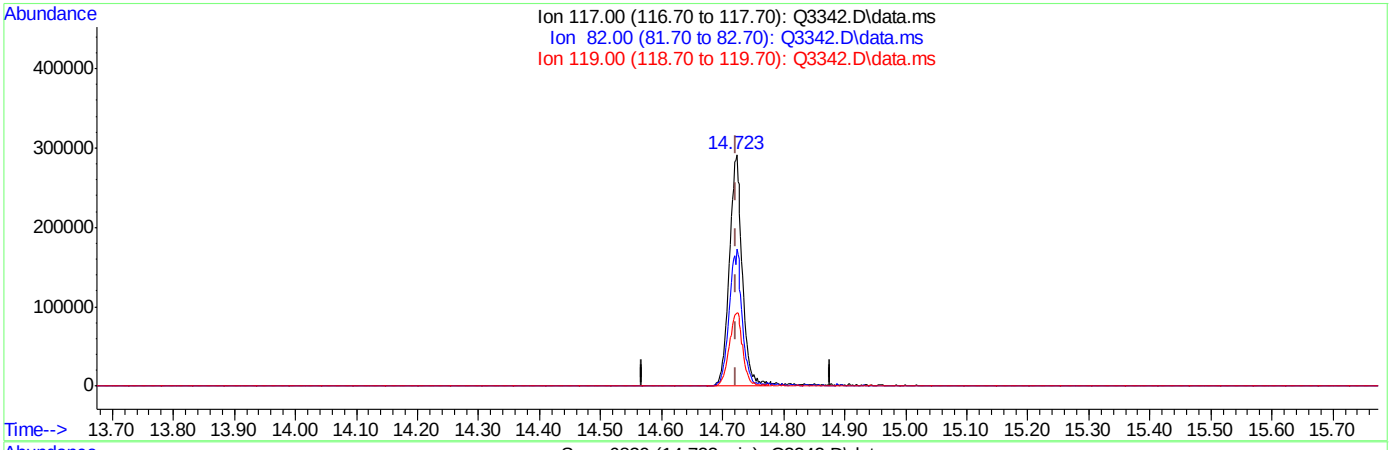
response 2859

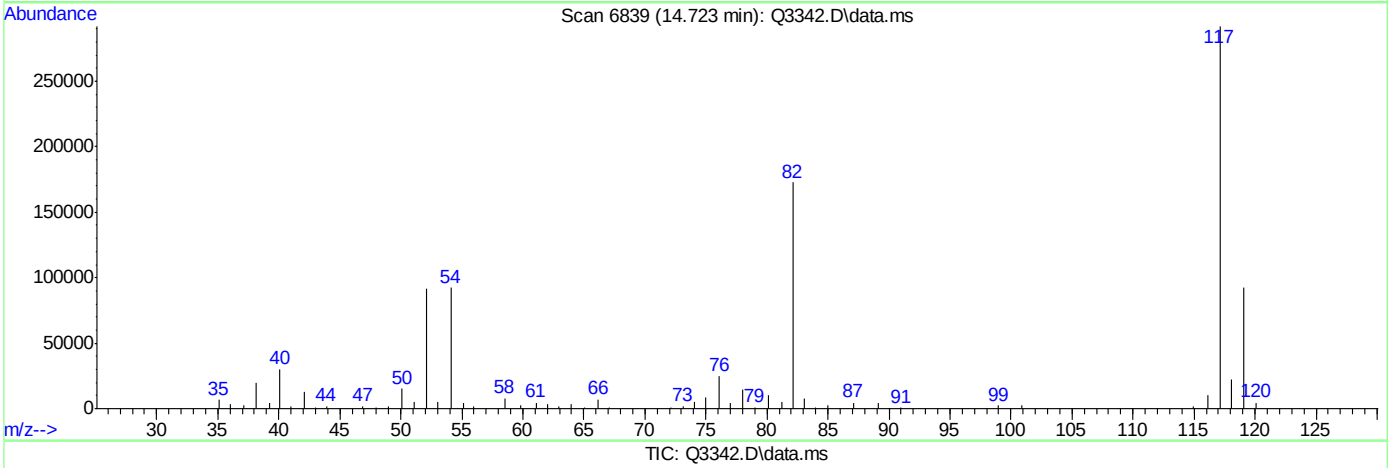
Ion	Exp%	Act%
84.00	100	100
86.00	65.00	0.00#
49.00	118.80	78.66
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3342.D
Acq On    :  4 May 2007   4:46 pm
Operator  : PhilipB
Sample    : MB (M116)
Misc      : MS13500,MSQ181,,,,,1
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: May 04 17:11:50 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 15:09:53 2007
Response via : Initial Calibration
```



(49) CHLOROBENZENE-D5 (I)

14.723min (+0.000) 10.00PPBV

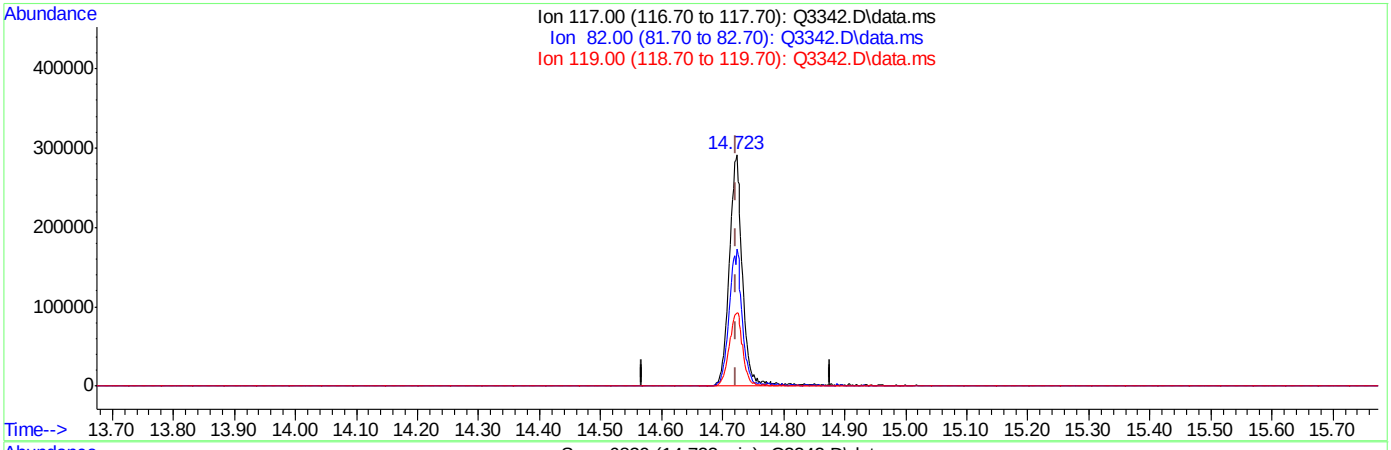
response 436853

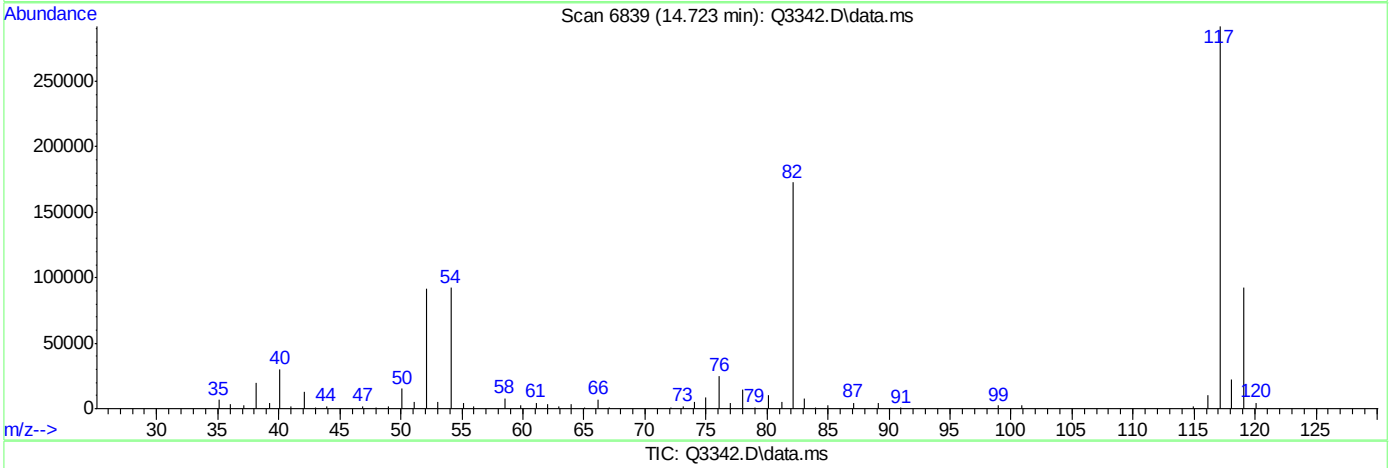
Ion	Exp%	Act%
117.00	100	100
82.00	57.00	59.83
119.00	32.10	33.44
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3342.D
Acq On    :  4 May 2007   4:46 pm
Operator  : PhilipB
Sample    : MB (M116)
Misc      : MS13500,MSQ181,,,,,1
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: May 04 17:11:50 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 15:09:53 2007
Response via : Initial Calibration
```



(49) CHLOROBENZENE-D5 (I)

14.723min (+0.000) 10.00PPBV m

response 459105

Ion	Exp%	Act%
117.00	100	100
82.00	57.00	56.93
119.00	32.10	31.82
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3356.D
Acq On : 7 May 2007 11:51 am
Operator : PhilipB
Sample : MB (M111)
Misc : MS13508,MSQ182,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 07 12:17:41 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 15:09:53 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.641	128	150065	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.472	114	645291	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.719	117	525848	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.341	95	194203	4.75	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 95.00%

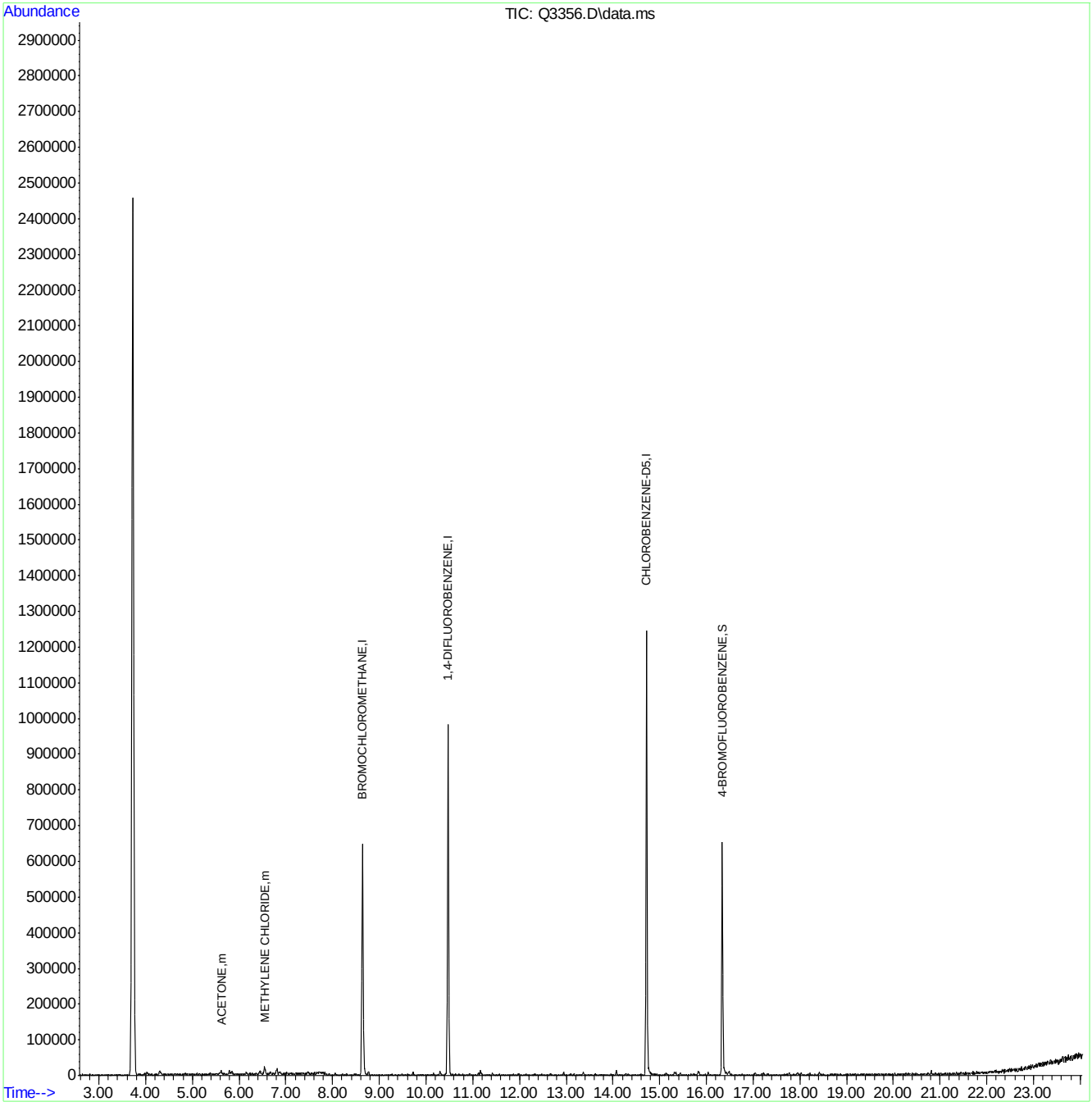
Target Compounds						Qvalue
12) ACETONE	5.616	43	15758	1.13	PPBV	62
18) METHYLENE CHLORIDE	6.541	84	7128	0.32	PPBV	56

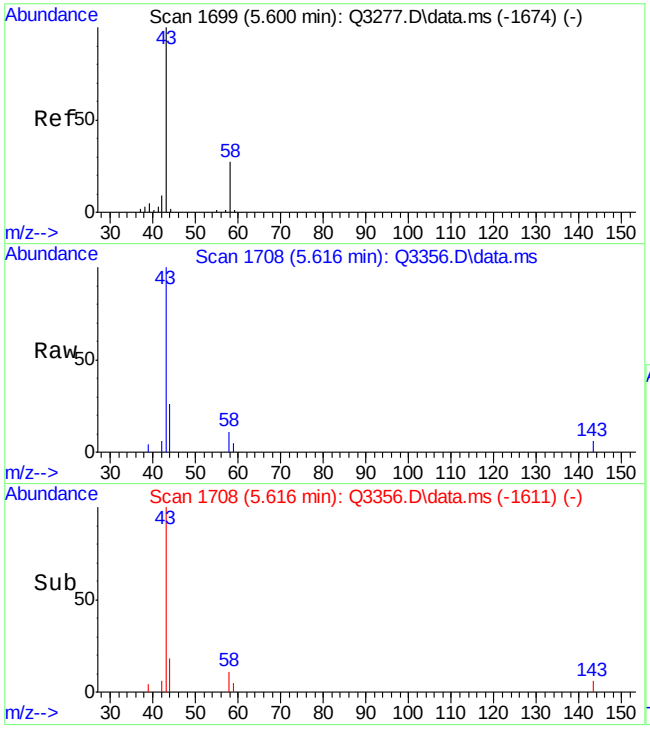
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3356.D
Acq On : 7 May 2007 11:51 am
Operator : PhilipB
Sample : MB (M111)
Misc : MS13508,MSQ182,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 07 12:17:41 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 15:09:53 2007
Response via : Initial Calibration

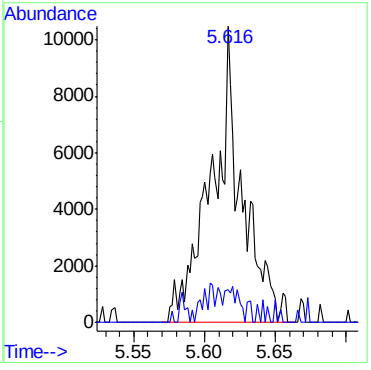


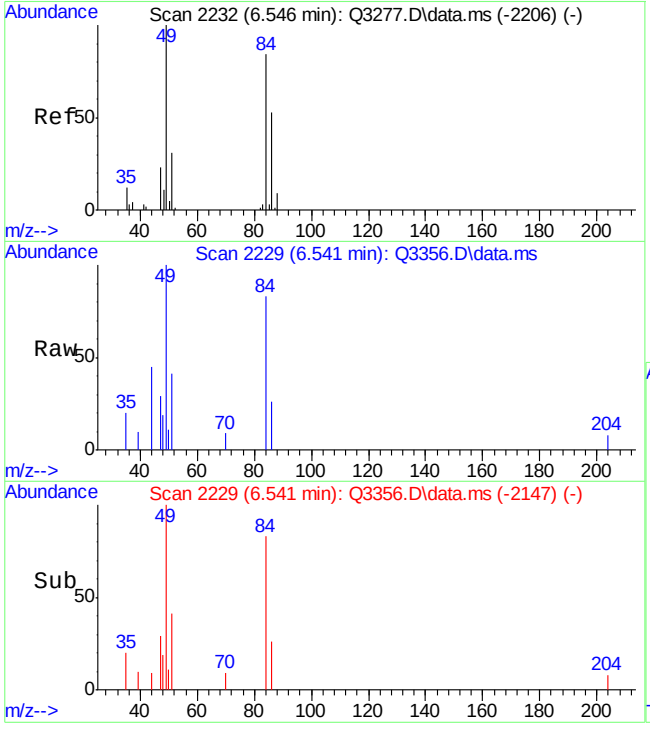


#12
ACETONE
Concen: 1.13 PPBV
RT: 5.616 min Scan# 1708
Delta R.T. 0.016 min
Lab File: Q3356.D
Acq: 7 May 2007 11:51 am

Tgt Ion: 43 Resp: 15758

Ion	Ratio	Lower	Upper
43	100		
58	6.1	5.4	45.4

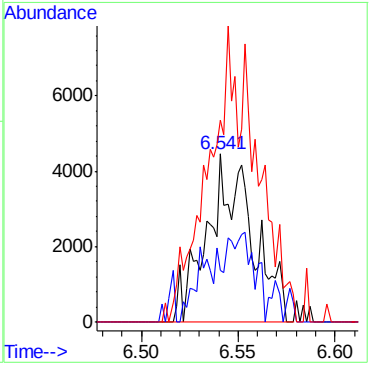




#18
METHYLENE CHLORIDE
Concen: 0.32 PPBV
RT: 6.541 min Scan# 2229
Delta R.T. -0.005 min
Lab File: Q3356.D
Acq: 7 May 2007 11:51 am

Tgt Ion: 84 Resp: 7128

Ion	Ratio	Lower	Upper
84	100		
86	55.9	45.0	85.0
49	186.9	0.0	318.8



Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
05/30/07 09:11

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3453a.D
Acq On : 18 May 2007 4:25 pm
Operator : PhilipB
Sample : BS (M068)
Misc : MS13593,MSQ188,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 21 09:34:02 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.427	128	116026	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.346	114	549054	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.696	117	452086	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.334	95	193517	4.98	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 99.60%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	3.600	85	769649	7.95	PPBV	83
3) PROPYLENE	3.529	41	192168	5.60	PPBV	92
4) FREON 114	3.865	85	784945	7.98	PPBV #	100
5) CHLOROMETHANE	3.767	50	306658	7.09	PPBV	98
6) VINYL CHLORIDE	3.989	62	262022	7.32	PPBV	72
7) 1,3-BUTADIENE	4.129	39	297618	8.15	PPBV #	100
8) BROMOMETHANE	4.406	94	260824	9.00	PPBV #	100
9) CHLOROETHANE	4.580	64	134981	8.89	PPBV #	100
10) TRICHLOROFLUOROMETHANE	5.396	101	1057835	9.93	PPBV #	100
11) ISOPROPYL ALCOHOL	5.446	45	617421	9.07	PPBV	99
12) ACETONE	5.194	43	634551	10.48	PPBV #	75
13) PENTANE	5.774	42	427002	12.95	PPBV #	100
14) 1,1-DICHLOROETHYLENE	6.078	96	297750	10.47	PPBV #	4
15) CARBON DISULFIDE	6.528	76	785023	11.39	PPBV #	55
16) ETHANOL	4.679	45	111809	8.03	PPBV #	100
17) BROMOETHENE	4.951	106	275407	9.83	PPBV #	100
18) METHYLENE CHLORIDE	6.200	84	270834	12.87	PPBV #	1
19) 3-CHLOROPROPENE	6.323	39	342653	14.93	PPBV #	1
20) FREON 113	6.472	151	517658	10.31	PPBV #	100
21) TRANS-1,2-DICHLOROETHY...	7.185	96	266584	10.82	PPBV #	100
22) TERTIARY BUTYL ALCOHOL	6.094	59	650003	10.71	PPBV #	100
23) METHYL TERTIARY BUTYL ...	7.448	73	586156	10.34	PPBV #	100
24) TETRAHYDROFURAN	8.960	42	298209	8.53	PPBV #	100
25) HEXANE	8.463	57	349186	9.15	PPBV #	100
26) VINYL ACETATE	7.538	43	810715	12.92	PPBV	86
27) 1,1-DICHLOROETHANE	7.396	63	617587	12.42	PPBV #	100
28) METHYL ETHYL KETONE	7.797	43	615523	8.87	PPBV	89
29) cis-1,2-DICHLOROETHYLENE	8.257	96	159221	8.51	PPBV #	100
30) ETHYL ACETATE	8.466	43	1094387	9.64	PPBV	100
31) CHLOROFORM	8.557	83	508257	9.66	PPBV #	100
32) 1,1,1-TRICHLOROETHANE	9.553	97	502888	9.49	PPBV #	87
33) CARBON TETRACHLORIDE	10.160	117	550181	9.46	PPBV	93
34) 1,2-DICHLOROETHANE	9.301	62	405491	9.55	PPBV	99
36) BENZENE	10.012	78	482502	8.46	PPBV	88
37) CYCLOHEXANE	10.286	84	173882	9.10	PPBV #	31
38) TRICHLOROETHYLENE	11.051	95	298238	9.59	PPBV #	81
39) 1,2-DICHLOROPROPANE	10.818	63	234897	8.65	PPBV #	64
40) BROMODICHLOROMETHANE	11.013	83	500573	9.46	PPBV	97
41) 2,2,4-TRIMETHYLPENTANE	11.077	57	1217357	9.14	PPBV #	91
42) 1,4-DIOXANE	11.043	88	89283	8.62	PPBV #	20
43) HEPTANE	11.326	43	530049	9.30	PPBV #	75

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3453a.D
Acq On : 18 May 2007 4:25 pm
Operator : PhilipB
Sample : BS (M068)
Misc : MS13593,MSQ188,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 21 09:34:02 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration

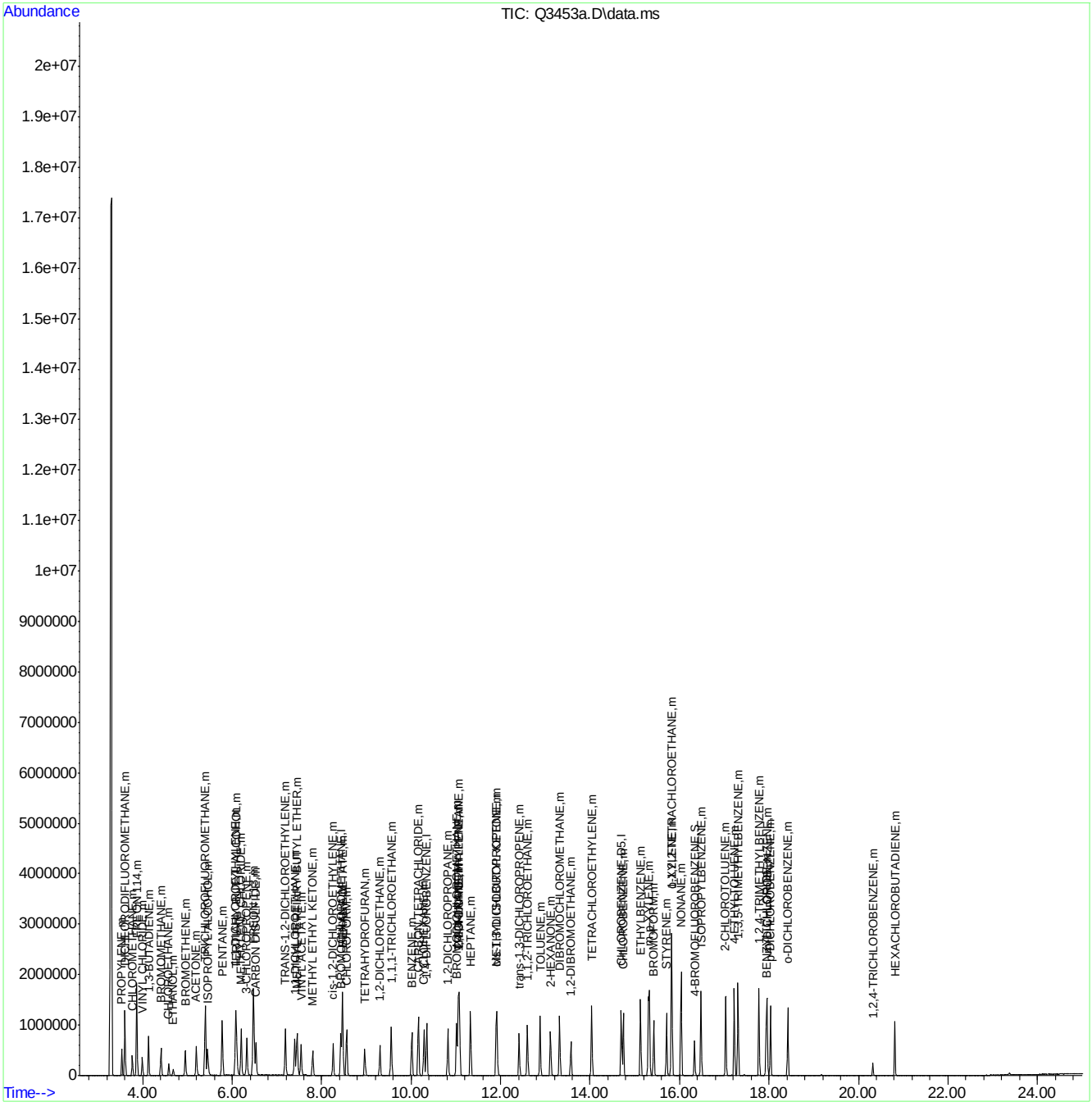
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.917	43	763748	9.32	PPBV	91
45) cis-1,3-DICHLOROPROPENE	11.901	75	297051	8.21	PPBV #	82
46) TOLUENE	12.882	92	335612	8.90	PPBV	96
47) trans-1,3-DICHLOROPROPENE	12.412	75	290439	9.34	PPBV #	100
48) 1,1,2-TRICHLOROETHANE	12.596	83	205575	9.00	PPBV	90
50) 2-HEXANONE	13.113	43	618677	9.67	PPBV	93
51) TETRACHLOROETHYLENE	14.038	164	162438	10.57	PPBV #	77
52) DIBROMOCHLOROMETHANE	13.319	129	452791	10.08	PPBV	99
53) 1,2-DIBROMOETHANE	13.573	107	361542	9.26	PPBV	98
54) CHLOROBENZENE	14.742	112	436720	9.12	PPBV	87
55) ETHYLBENZENE	15.125	91	820268	9.76	PPBV	93
56) m,p-XYLENE	15.322	106	592787m	19.19	PPBV	
57) o-XYLENE	15.825	106	306677	9.60	PPBV #	83
58) STYRENE	15.708	104	372733	9.32	PPBV	97
59) NONANE	16.034	43	867726	10.22	PPBV	81
60) BROMOFORM	15.422	173	341268	9.66	PPBV	98
62) 1,1,2,2-TETRACHLOROETHANE	15.819	83	610636	10.78	PPBV	95
63) ISOPROPYLBENZENE	16.480	105	835104	9.01	PPBV	92
64) 2-CHLOROTOLUENE	17.030	91	649752	8.98	PPBV	86
65) 4-ETHYLTOLUENE	17.223	105	790448	9.69	PPBV	91
66) 1,3,5-TRIMETHYLBENZENE	17.307	105	738217	9.34	PPBV	91
67) 1,2,4-TRIMETHYLBENZENE	17.772	105	676918	9.04	PPBV	89
68) m-DICHLOROBENZENE	17.958	146	344906	7.88	PPBV	93
69) BENZYL CHLORIDE	17.935	91	470116	9.23	PPBV	88
70) p-DICHLOROBENZENE	18.029	146	306424	7.59	PPBV	92
71) o-DICHLOROBENZENE	18.419	146	284356	7.25	PPBV	90
72) HEXACHLOROBUTADIENE	20.810	225	73139	7.49	PPBV	96
73) 1,2,4-TRICHLOROBENZENE	20.320	180	30752	5.52	PPBV	95

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3453a.D
Acq On : 18 May 2007 4:25 pm
Operator : PhilipB
Sample : BS (M068)
Misc : MS13593,MSQ188,,,,,1
ALS Vial : 1 Sample Multiplier: 1

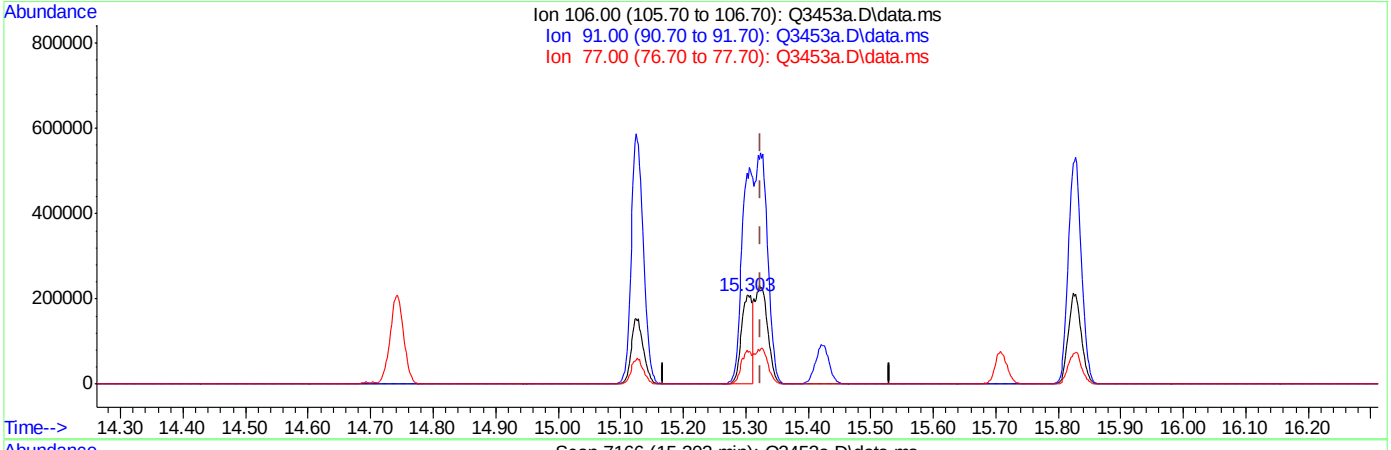
Quant Time: May 21 09:34:02 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration

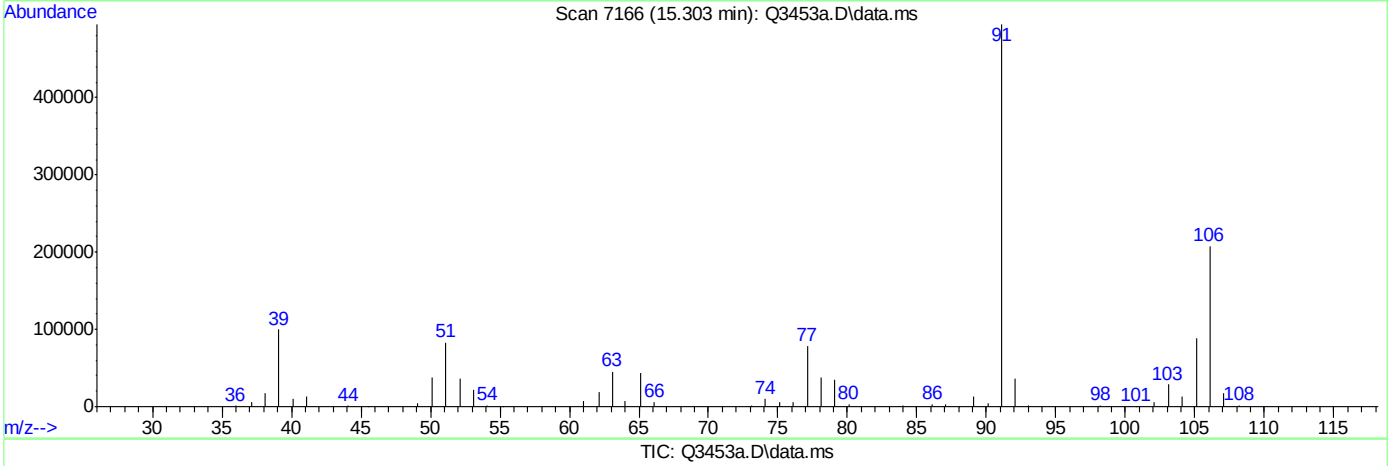


Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3453a.D
Acq On    : 18 May 2007   4:25 pm
Operator  : PhilipB
Sample    : BS (M068)
Misc      : MS13593,MSQ188,,,,,1
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: May 21 09:33:44 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration
```



TIC: Q3453a.D\data.ms

(56) m,p-XYLENE (m)

15.303min (-0.021) 8.50PPBV

response 262544

Ion	Exp%	Act%
106.00	100	100
91.00	204.20	237.65
77.00	30.60	37.92#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3453a.D
Acq On    : 18 May 2007   4:25 pm
Operator  : PhilipB
Sample    : BS (M068)
Misc      : MS13593,MSQ188,,,,,1
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: May 21 09:33:44 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration
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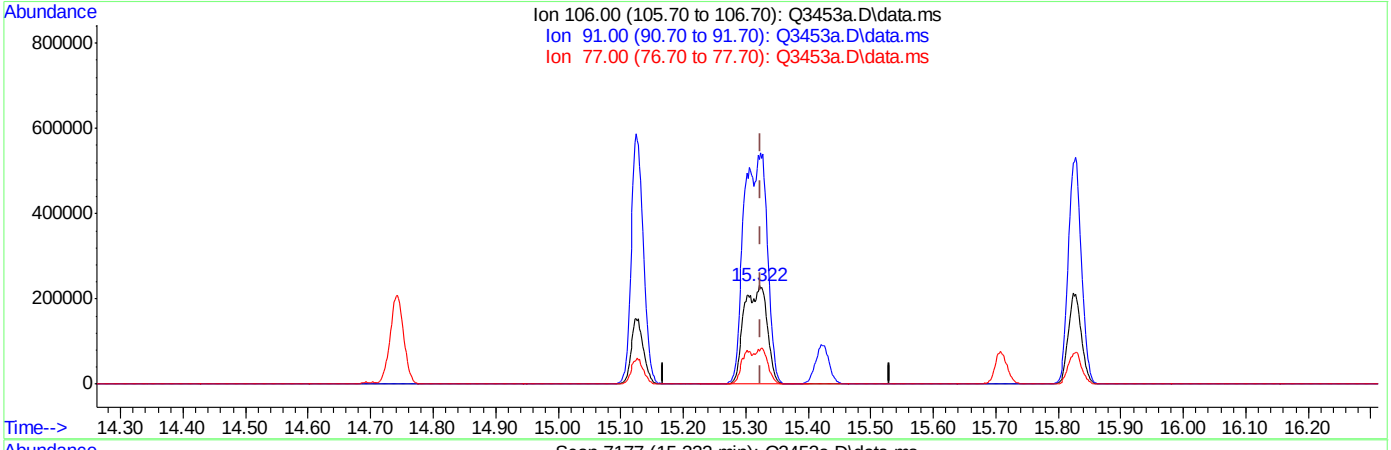
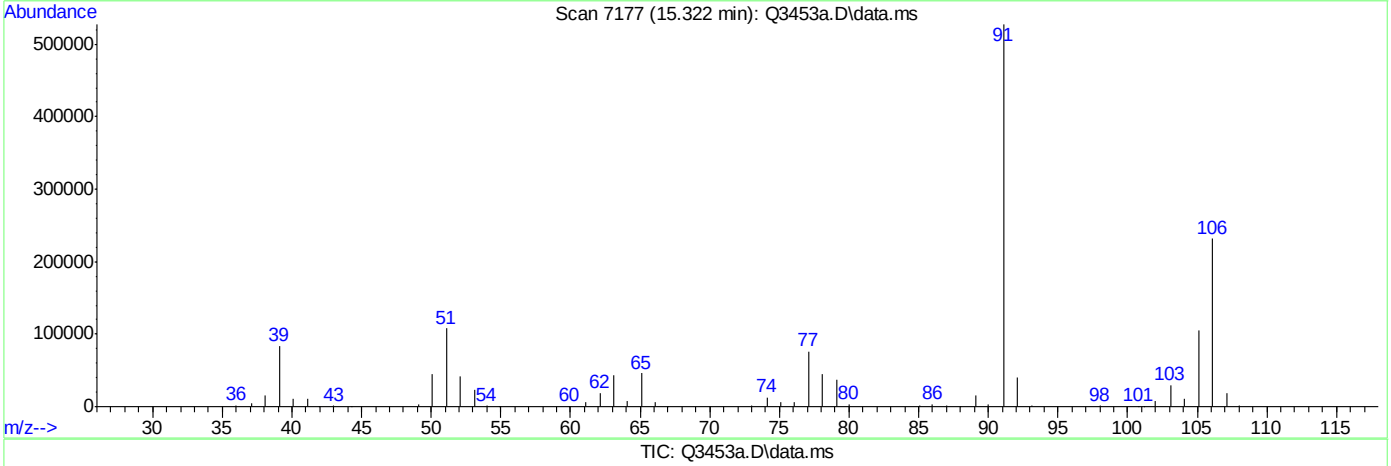




TIC: Q3453a.D\data.ms

(56) m,p-XYLENE (m)

15.322min (-0.002) 19.19PPBV m

response 592787

Ion	Exp%	Act%
106.00	100	100
91.00	204.20	227.75
77.00	30.60	32.92
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
05/22/07 11:56

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3341B.D
Acq On : 4 May 2007 3:31 pm
Operator : PhilipB
Sample : BS (M148)
Misc : MS13500,MSQ180,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 04 15:59:39 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 15:09:53 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.644	128	186085	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.472	114	801024	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.721	117	676596	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.339	95	276214	5.25	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 105.00%

Target Compounds							Qvalue
2) DICHLORODIFLUOROMETHANE	4.037	85	672147	8.77	PPBV		97
3) PROPYLENE	3.966	41	132995	9.18	PPBV		90
4) FREON 114	4.299	85	570614	8.76	PPBV		99
5) CHLOROMETHANE	4.196	50	146222	8.91	PPBV		94
6) VINYL CHLORIDE	4.422	62	156741	8.31	PPBV		98
7) 1,3-BUTADIENE	4.566	39	167502	9.33	PPBV	#	74
8) BROMOMETHANE	4.839	94	175101	9.44	PPBV		100
9) CHLOROETHANE	5.016	64	64281	9.67	PPBV		86
10) TRICHLOROFLUOROMETHANE	5.794	101	815000	9.40	PPBV		98
11) ISOPROPYL ALCOHOL	5.829	45	281453	9.02	PPBV		94
12) ACETONE	5.604	43	293120	9.11	PPBV		87
13) PENTANE	6.149	42	176889	9.59	PPBV		91
14) 1,1-DICHLOROETHYLENE	6.433	96	158553	10.65	PPBV	#	67
15) CARBON DISULFIDE	6.864	76	469851	9.61	PPBV		80
16) ETHANOL	5.091	45	49596m	9.53	PPBV		
17) BROMOETHENE	5.373	106	167331	8.25	PPBV	#	94
18) METHYLENE CHLORIDE	6.548	84	298690	10.66	PPBV		63
19) 3-CHLOROPROPENE	6.663	39	208048	10.38	PPBV	#	79
20) FREON 113	6.804	151	368045	10.01	PPBV		91
21) TRANS-1,2-DICHLOROETHY...	7.474	96	154314	9.42	PPBV	#	78
22) TERTIARY BUTYL ALCOHOL	6.438	59	330535	9.42	PPBV		81
23) METHYL TERTIARY BUTYL ...	7.714	73	348125	10.15	PPBV		79
24) TETRAHYDROFURAN	9.146	42	115565	8.54	PPBV		86
25) HEXANE	8.676	57	227777	8.52	PPBV	#	81
26) VINYL ACETATE	7.794	43	325229	9.89	PPBV		88
27) 1,1-DICHLOROETHANE	7.671	63	296052	9.46	PPBV		98
28) METHYL ETHYL KETONE	8.039	43	252622	8.37	PPBV		95
29) cis-1,2-DICHLOROETHYLENE	8.481	96	122385	8.18	PPBV		98
30) ETHYL ACETATE	8.671	43	458671	8.45	PPBV		98
31) CHLOROFORM	8.763	83	361841	8.18	PPBV		96
32) 1,1,1-TRICHLOROETHANE	9.716	97	366347	7.86	PPBV		98
33) CARBON TETRACHLORIDE	10.305	117	457933	8.16	PPBV		95
34) 1,2-DICHLOROETHANE	9.471	62	200934	7.55	PPBV		97
36) BENZENE	10.160	78	298166	7.97	PPBV		99
37) CYCLOHEXANE	10.424	84	138257	9.29	PPBV		98
38) TRICHLOROETHYLENE	11.157	95	189674	8.53	PPBV		94
39) 1,2-DICHLOROPROPANE	10.937	63	108412	8.11	PPBV		96
40) BROMODICHLOROMETHANE	11.118	83	322261	8.73	PPBV		99
41) 2,2,4-TRIMETHYLPENTANE	11.182	57	548080	8.90	PPBV		95
42) 1,4-DIOXANE	11.146	88	61712	9.06	PPBV		92
43) HEPTANE	11.420	43	220061	9.39	PPBV		87

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3341B.D
Acq On : 4 May 2007 3:31 pm
Operator : PhilipB
Sample : BS (M148)
Misc : MS13500,MSQ180,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 04 15:59:39 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 15:09:53 2007
Response via : Initial Calibration

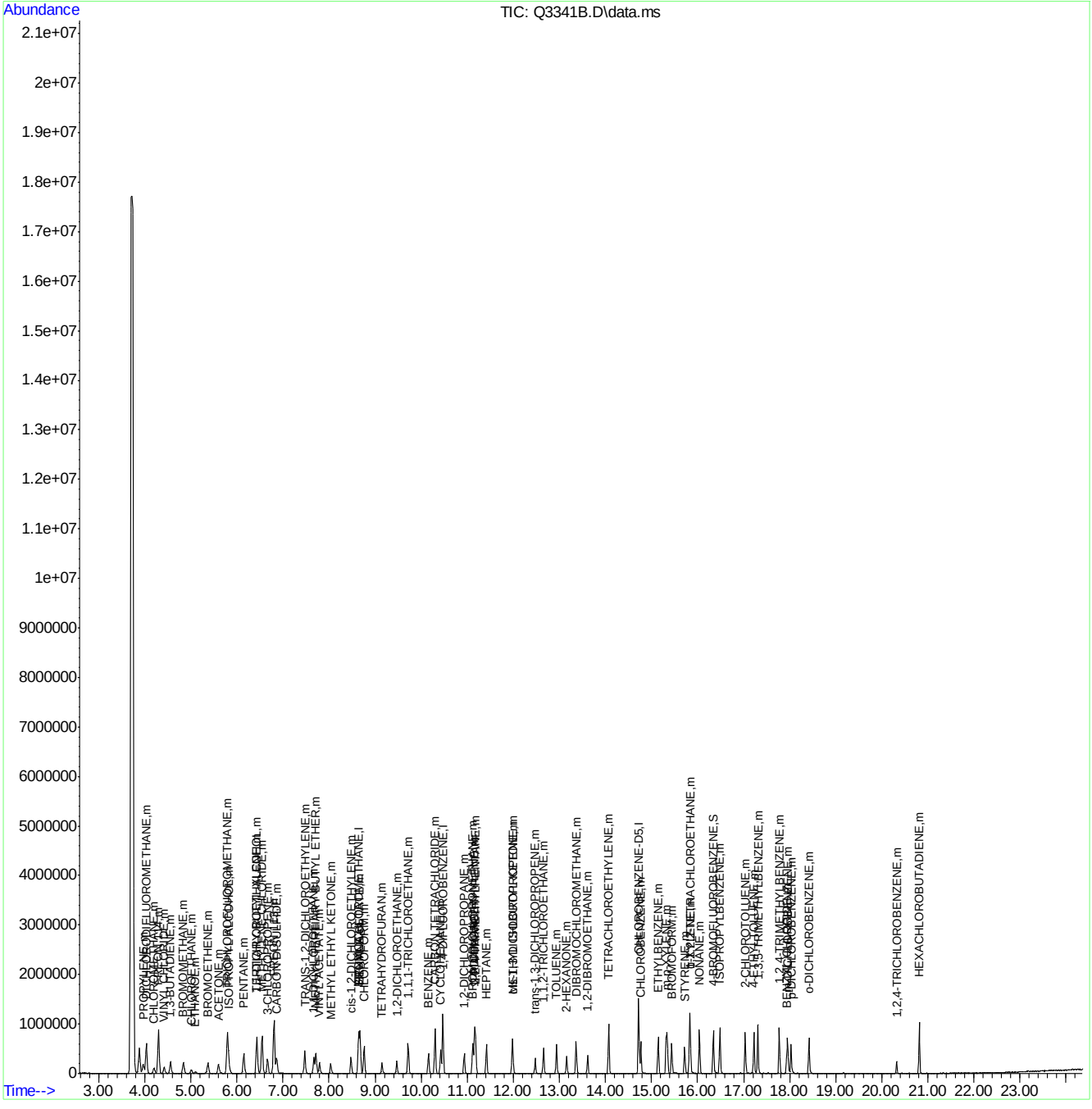
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.988	43	302300	9.71	PPBV	91
45) cis-1,3-DICHLOROPROPENE	11.975	75	172793	8.50	PPBV #	72
46) TOLUENE	12.935	92	205476	8.82	PPBV	98
47) trans-1,3-DICHLOROPROPENE	12.474	75	129477	10.19	PPBV	88
48) 1,1,2-TRICHLOROETHANE	12.660	83	118264	8.50	PPBV	98
50) 2-HEXANONE	13.155	43	228838	9.34	PPBV	90
51) TETRACHLOROETHYLENE	14.071	164	154040	8.62	PPBV #	85
52) DIBROMOCHLOROMETHANE	13.365	129	300201	8.46	PPBV	99
53) 1,2-DIBROMOETHANE	13.615	107	205596	8.03	PPBV	99
54) CHLOROBENZENE	14.767	112	283566	8.08	PPBV	97
55) ETHYLBENZENE	15.149	91	461371	8.61	PPBV	97
56) m,p-XYLENE	15.324	106	365524m	17.70	PPBV	
57) o-XYLENE	15.841	106	184649	8.99	PPBV	97
58) STYRENE	15.720	104	220322	10.54	PPBV	97
59) NONANE	16.041	43	319136	9.59	PPBV	92
60) BROMOFORM	15.438	173	237525	9.67	PPBV	98
62) 1,1,2,2-TETRACHLOROETHANE	15.826	83	307427	7.95	PPBV	97
63) ISOPROPYLBENZENE	16.485	105	531230	9.48	PPBV	98
64) 2-CHLOROTOLUENE	17.035	91	402236	9.59	PPBV	97
65) 4-ETHYLTOLUENE	17.229	105	443018	10.54	PPBV	96
66) 1,3,5-TRIMETHYLBENZENE	17.310	105	464370	9.75	PPBV	98
67) 1,2,4-TRIMETHYLBENZENE	17.775	105	432454	10.43	PPBV	98
68) m-DICHLOROBENZENE	17.956	146	230987	9.17	PPBV	97
69) BENZYL CHLORIDE	17.933	91	208763	10.42	PPBV	98
70) p-DICHLOROBENZENE	18.029	146	181112	8.27	PPBV	97
71) o-DICHLOROBENZENE	18.418	146	226773	8.12	PPBV	98
72) HEXACHLOROBUTADIENE	20.814	225	107969	14.75	PPBV	97
73) 1,2,4-TRICHLOROBENZENE	20.320	180	45195	13.04	PPBV	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3341B.D
Acq On : 4 May 2007 3:31 pm
Operator : PhilipB
Sample : BS (M148)
Misc : MS13500,MSQ180,,,,,1
ALS Vial : 3 Sample Multiplier: 1

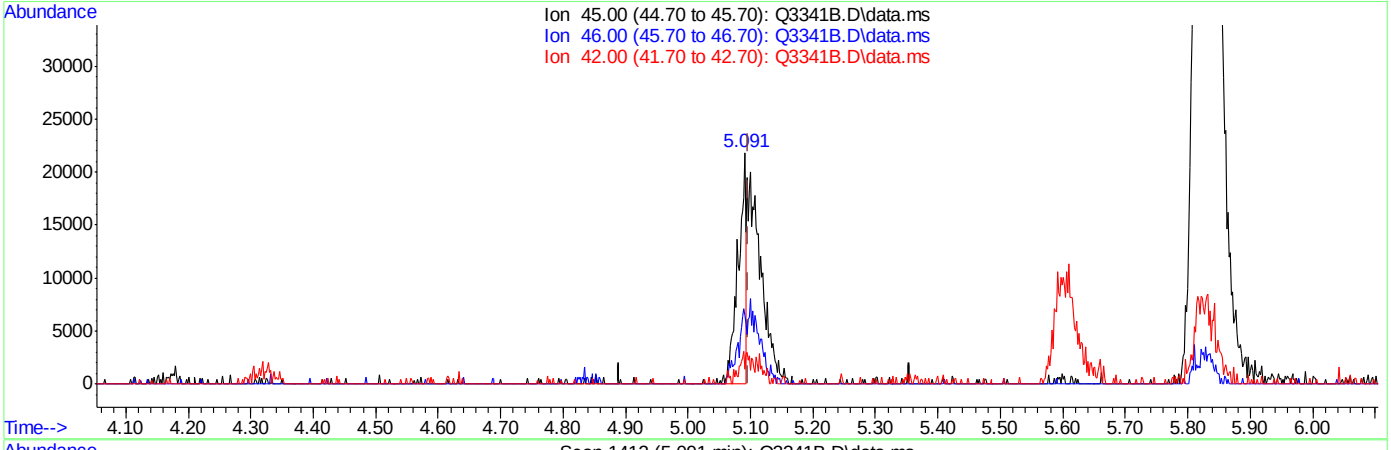
Quant Time: May 04 15:59:39 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 15:09:53 2007
Response via : Initial Calibration

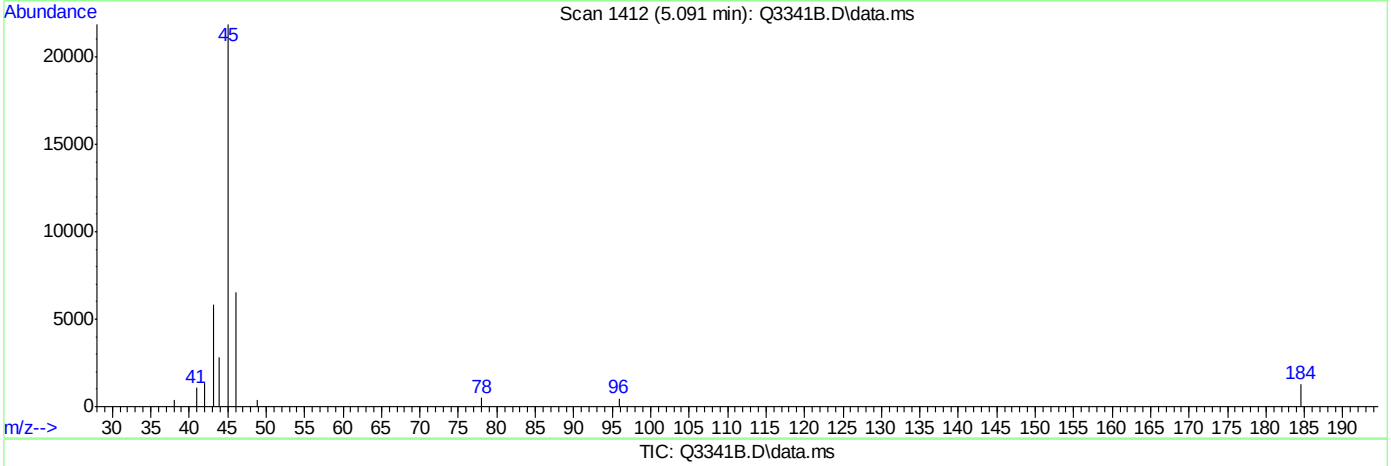


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3341B.D
Acq On : 4 May 2007 3:31 pm
Operator : PhilipB
Sample : BS (M148)
Misc : MS13500,MSQ180,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 04 15:59:16 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 15:09:53 2007
Response via : Initial Calibration





TIC: Q3341B.D\data.ms

(16) ETHANOL (m)

5.091min (-0.006) 3.74PPBV

response 18480

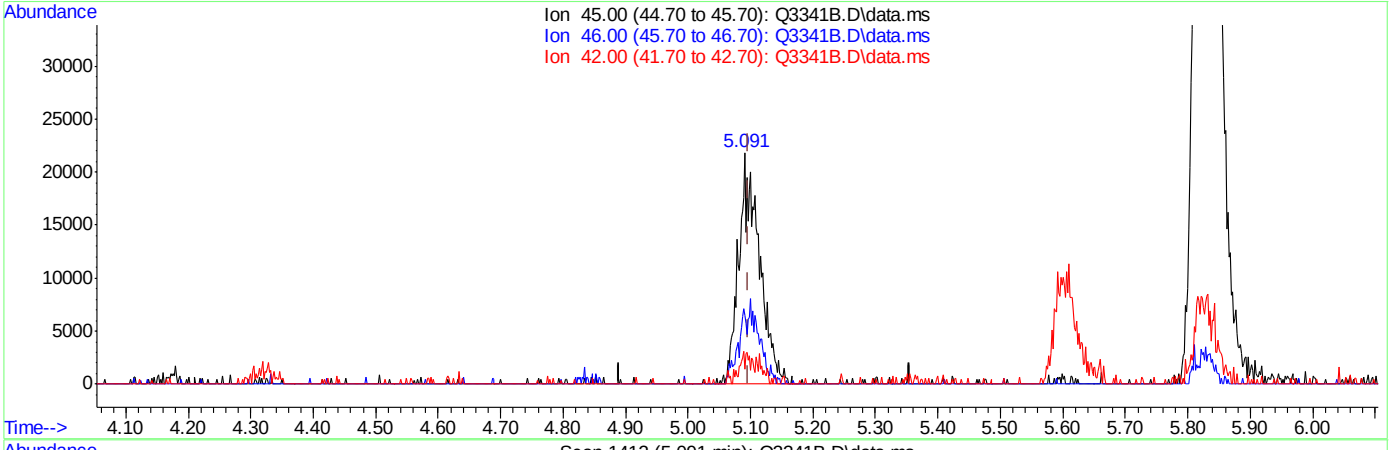
Ion	Exp%	Act%
45.00	100	100
46.00	30.60	91.35#
42.00	4.60	16.94
0.00	0.00	0.00

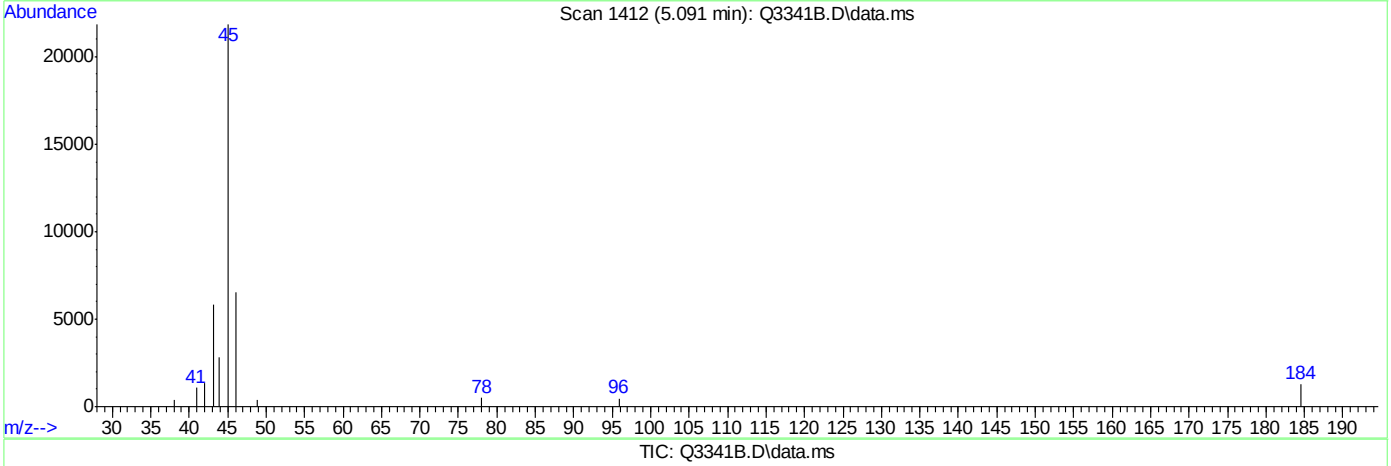
ACCUTEST Laboratories M64901

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3341B.D
Acq On : 4 May 2007 3:31 pm
Operator : PhilipB
Sample : BS (M148)
Misc : MS13500,MSQ180,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 04 15:59:16 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 15:09:53 2007
Response via : Initial Calibration





TIC: Q3341B.D\data.ms

(16) ETHANOL (m)

5.091min (-0.006) 9.53PPBV m

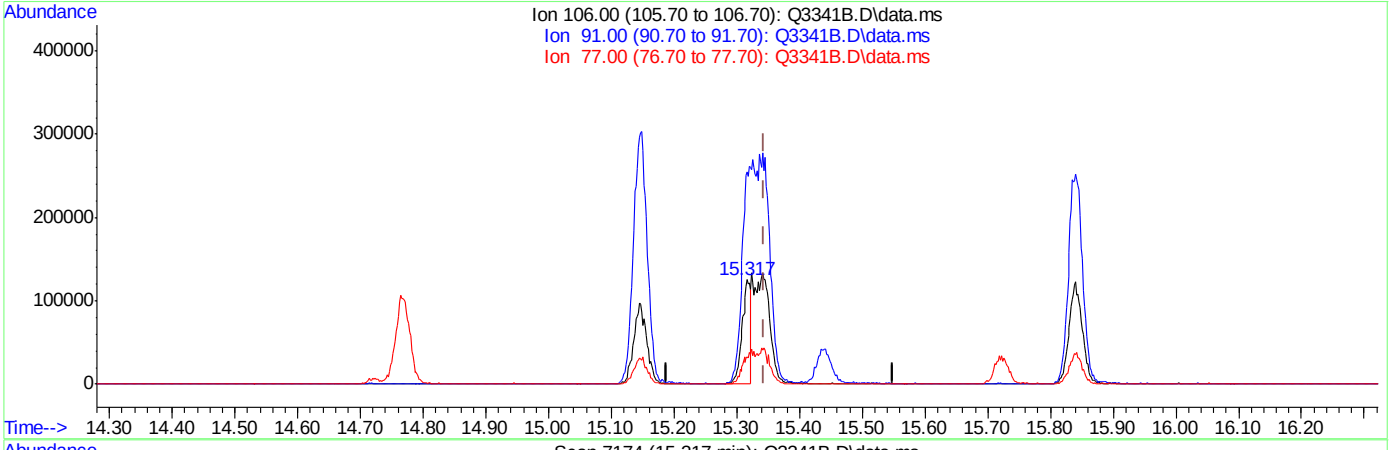
response 49596

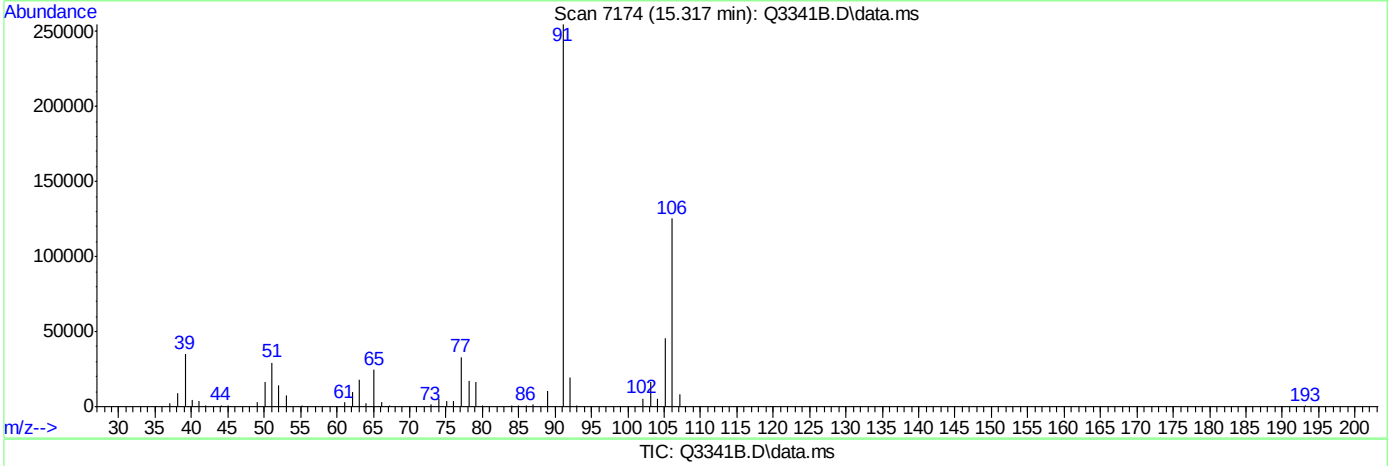
Ion	Exp%	Act%
45.00	100	100
46.00	30.60	34.04
42.00	4.60	6.31
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3341B.D
Acq On : 4 May 2007 3:31 pm
Operator : PhilipB
Sample : BS (M148)
Misc : MS13500,MSQ180,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 04 15:59:16 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 15:09:53 2007
Response via : Initial Calibration





TIC: Q3341B.D\data.ms

(56) m,p-XYLENE (m)

15.317min (-0.027) 5.87PPBV

response 121204

Ion	Exp%	Act%
106.00	100	100
91.00	212.80	203.01
77.00	31.20	26.30
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3341B.D
Acq On    :  4 May 2007   3:31 pm
Operator  : PhilipB
Sample    : BS (M148)
Misc      : MS13500,MSQ180,,,,,1
ALS Vial  : 3   Sample Multiplier: 1

Quant Time: May 04 15:59:16 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 15:09:53 2007
Response via : Initial Calibration
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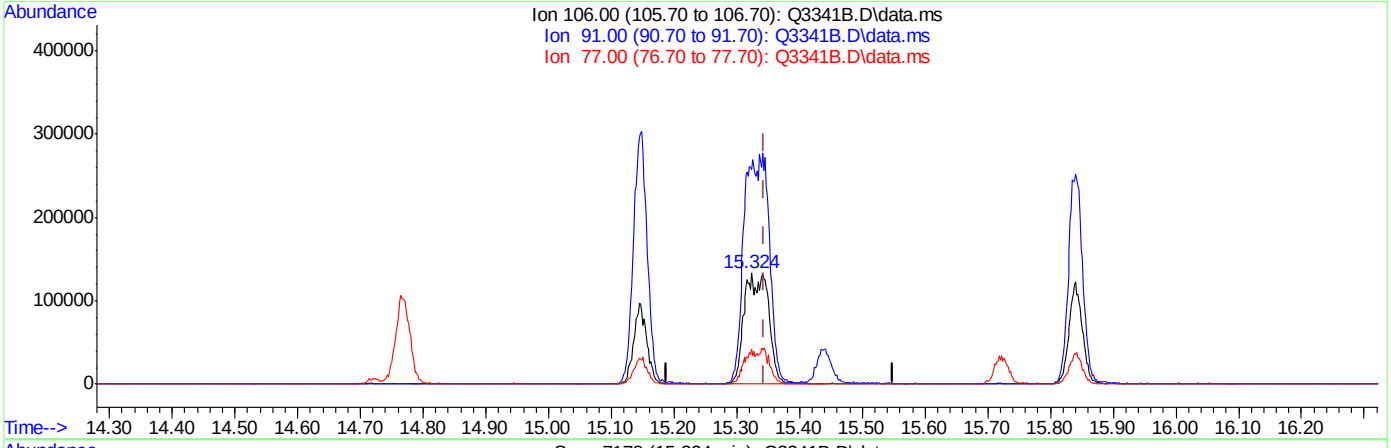
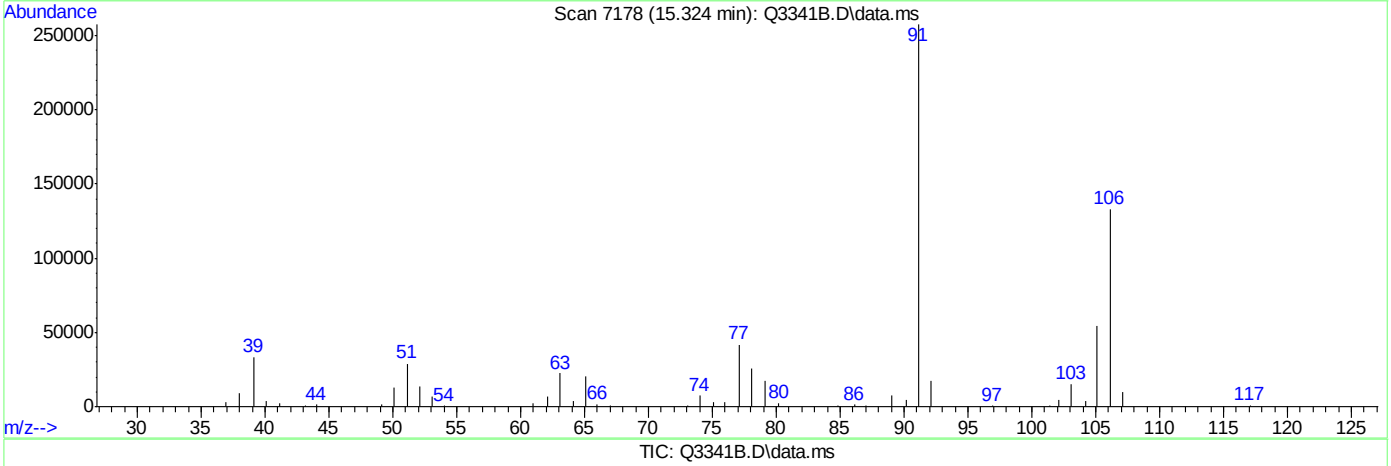




TIC: Q3341B.D\data.ms

(56) m,p-XYLENE (m)

15.324min (-0.019) 17.70PPBV m

response 365524

Ion	Exp%	Act%
106.00	100	100
91.00	212.80	193.46
77.00	31.20	31.33
0.00	0.00	0.00

ACCUTEST Laboratories M64901

Manual Integrations
APPROVED
(compounds with "m" flag)
Doug Yargeau
05/08/07 11:33

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3355A.D
Acq On : 7 May 2007 11:02 am
Operator : PhilipB
Sample : BS (M148)
Misc : MS13508,MSQ182,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 07 11:33:15 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 15:09:53 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) BROMOCHLOROMETHANE	8.644	128	153594	10.00	PPBV		0.00
35) 1,4-DIFLUOROBENZENE	10.474	114	714489	10.00	PPBV		0.00
49) CHLOROBENZENE-D5	14.719	117	589562	10.00	PPBV		0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.343	95	242784	5.30	PPBV		0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 106.00%

Target Compounds							Qvalue
2) DICHLORODIFLUOROMETHANE	4.037	85	662674	10.47	PPBV		96
3) PROPYLENE	3.969	41	123550	10.33	PPBV	#	85
4) FREON 114	4.308	85	513982	9.55	PPBV		98
5) CHLOROMETHANE	4.207	50	132874	9.81	PPBV		97
6) VINYL CHLORIDE	4.429	62	146162	9.39	PPBV		97
7) 1,3-BUTADIENE	4.569	39	151958	10.26	PPBV	#	73
8) BROMOMETHANE	4.844	94	167566	10.94	PPBV		97
9) CHLOROETHANE	5.022	64	56819	10.35	PPBV		97
10) TRICHLOROFLUOROMETHANE	5.805	101	777089	10.86	PPBV		99
11) ISOPROPYL ALCOHOL	5.831	45	267717	10.39	PPBV		87
12) ACETONE	5.608	43	296658	11.04	PPBV		85
13) PENTANE	6.152	42	180665	11.87	PPBV		93
14) 1,1-DICHLOROETHYLENE	6.442	96	157254	12.54	PPBV	#	65
15) CARBON DISULFIDE	6.869	76	465798	11.54	PPBV		78
16) ETHANOL	5.105	45	47042	10.90	PPBV		92
17) BROMOETHENE	5.382	106	164606	9.83	PPBV	#	93
18) METHYLENE CHLORIDE	6.553	84	306676	13.26	PPBV		63
19) 3-CHLOROPROPENE	6.674	39	198292	11.99	PPBV	#	81
20) FREON 113	6.811	151	360580	11.88	PPBV		91
21) TRANS-1,2-DICHLOROETHY...	7.482	96	137831	10.20	PPBV		88
22) TERTIARY BUTYL ALCOHOL	6.440	59	308311	10.64	PPBV		82
23) METHYL TERTIARY BUTYL ...	7.725	73	265637	9.39	PPBV		82
24) TETRAHYDROFURAN	9.148	42	115250	10.31	PPBV		88
25) HEXANE	8.680	57	233457	10.58	PPBV	#	83
26) VINYL ACETATE	7.799	43	266500	9.82	PPBV		93
27) 1,1-DICHLOROETHANE	7.677	63	237313	9.19	PPBV		100
28) METHYL ETHYL KETONE	8.039	43	243686	9.79	PPBV		99
29) cis-1,2-DICHLOROETHYLENE	8.484	96	121352	9.83	PPBV		99
30) ETHYL ACETATE	8.674	43	456615	10.19	PPBV		98
31) CHLOROFORM	8.768	83	359500	9.84	PPBV		95
32) 1,1,1-TRICHLOROETHANE	9.721	97	371512	9.66	PPBV		97
33) CARBON TETRACHLORIDE	10.307	117	469453	10.13	PPBV		95
34) 1,2-DICHLOROETHANE	9.475	62	211253	9.62	PPBV		99
36) BENZENE	10.163	78	307234	9.21	PPBV		99
37) CYCLOHEXANE	10.426	84	141295	10.65	PPBV		99
38) TRICHLOROETHYLENE	11.157	95	198734	10.03	PPBV		94
39) 1,2-DICHLOROPROPANE	10.935	63	111905	9.38	PPBV		93
40) BROMODICHLOROMETHANE	11.120	83	324624	9.86	PPBV		98
41) 2,2,4-TRIMETHYLPENTANE	11.184	57	552065	10.05	PPBV		99
42) 1,4-DIOXANE	11.139	88	61291	10.08	PPBV	#	81
43) HEPTANE	11.422	43	219435	10.49	PPBV		90

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3355A.D
Acq On : 7 May 2007 11:02 am
Operator : PhilipB
Sample : BS (M148)
Misc : MS13508,MSQ182,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 07 11:33:15 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 15:09:53 2007
Response via : Initial Calibration

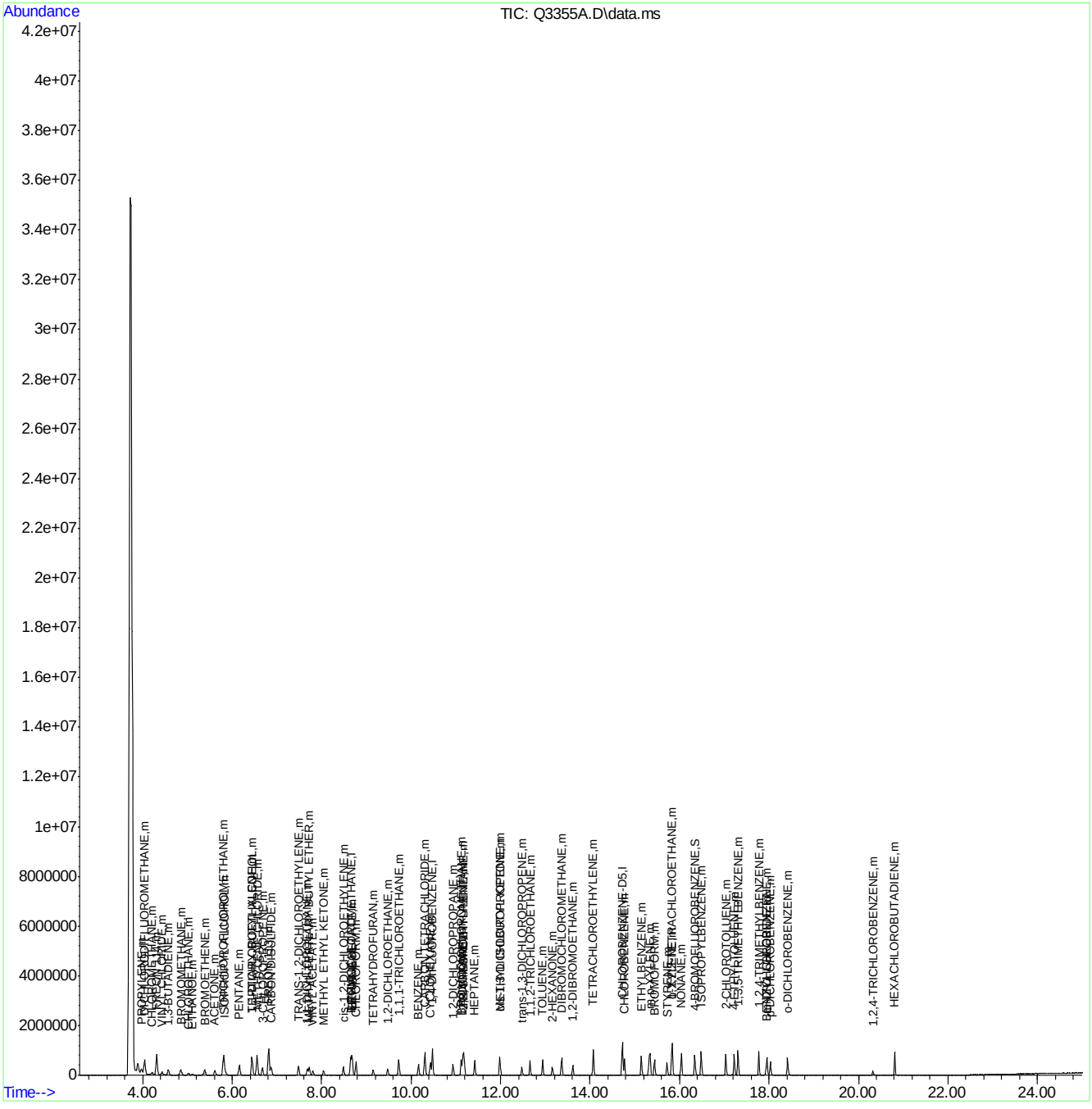
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.990	43	293347	10.56	PPBV	90
45) cis-1,3-DICHLOROPROPENE	11.972	75	181903	10.03	PPBV #	76
46) TOLUENE	12.936	92	208237	10.02	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.478	75	128903	11.38	PPBV	82
48) 1,1,2-TRICHLOROETHANE	12.657	83	124814	10.06	PPBV	98
50) 2-HEXANONE	13.157	43	225206	10.55	PPBV	91
51) TETRACHLOROETHYLENE	14.068	164	158154	10.15	PPBV #	86
52) DIBROMOCHLOROMETHANE	13.363	129	308567	9.98	PPBV	99
53) 1,2-DIBROMOETHANE	13.615	107	218952	9.82	PPBV	97
54) CHLOROBENZENE	14.765	112	284014	9.29	PPBV	99
55) ETHYLBENZENE	15.145	91	472742	10.13	PPBV	96
56) m,p-XYLENE	15.340	106	379999m	21.12	PPBV	
57) o-XYLENE	15.839	106	191452	10.69	PPBV	97
58) STYRENE	15.718	104	214183	11.76	PPBV	99
59) NONANE	16.041	43	326215	11.25	PPBV	92
60) BROMOFORM	15.440	173	242374	11.32	PPBV	97
62) 1,1,2,2-TETRACHLOROETHANE	15.827	83	324219	9.62	PPBV	99
63) ISOPROPYLBENZENE	16.483	105	540505	11.07	PPBV	97
64) 2-CHLOROTOLUENE	17.035	91	406488	11.12	PPBV	96
65) 4-ETHYLTOLUENE	17.222	105	444681	12.14	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.307	105	467343	11.26	PPBV	98
67) 1,2,4-TRIMETHYLBENZENE	17.774	105	422499	11.69	PPBV	99
68) m-DICHLOROBENZENE	17.956	146	206024	9.39	PPBV	98
69) BENZYL CHLORIDE	17.932	91	193158	11.06	PPBV	99
70) p-DICHLOROBENZENE	18.029	146	162178	8.50	PPBV	92
71) o-DICHLOROBENZENE	18.418	146	212085	8.71	PPBV	97
72) HEXACHLOROBUTADIENE	20.812	225	92973	14.64	PPBV	97
73) 1,2,4-TRICHLOROBENZENE	20.324	180	31800	11.60	PPBV	92

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3355A.D
Acq On : 7 May 2007 11:02 am
Operator : PhilipB
Sample : BS (M148)
Misc : MS13508,MSQ182,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 07 11:33:15 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 15:09:53 2007
Response via : Initial Calibration

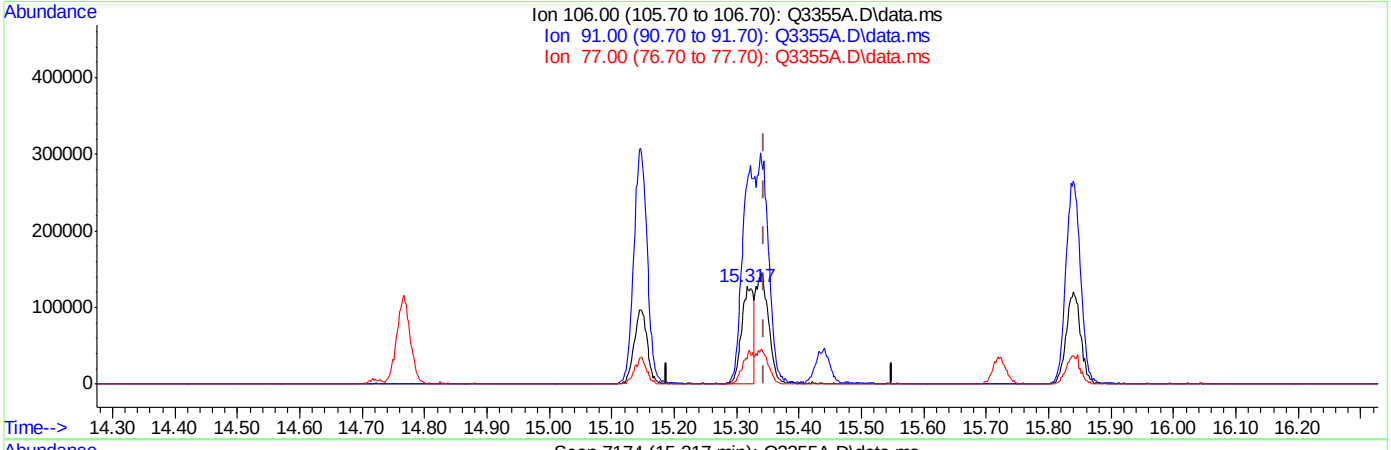


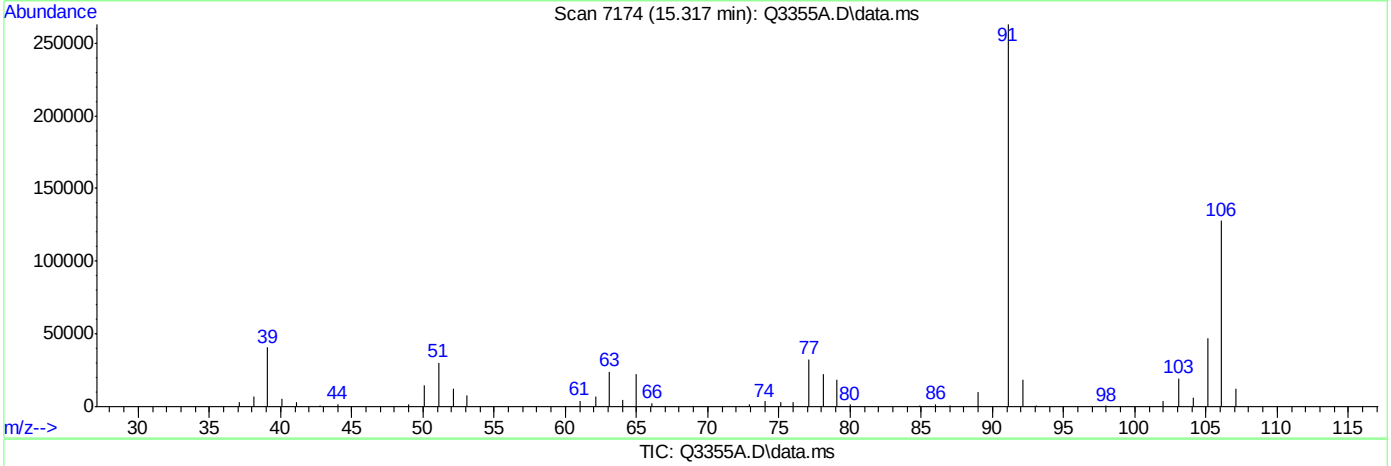
ACCUTEST Laboratories M64901

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3355A.D
Acq On : 7 May 2007 11:02 am
Operator : PhilipB
Sample : BS (M148)
Misc : MS13508,MSQ182,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 07 11:33:02 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 15:09:53 2007
Response via : Initial Calibration





TIC: Q3355A.D\data.ms

(56) m,p-XYLENE (m)

15.317min (-0.026) 9.61PPBV

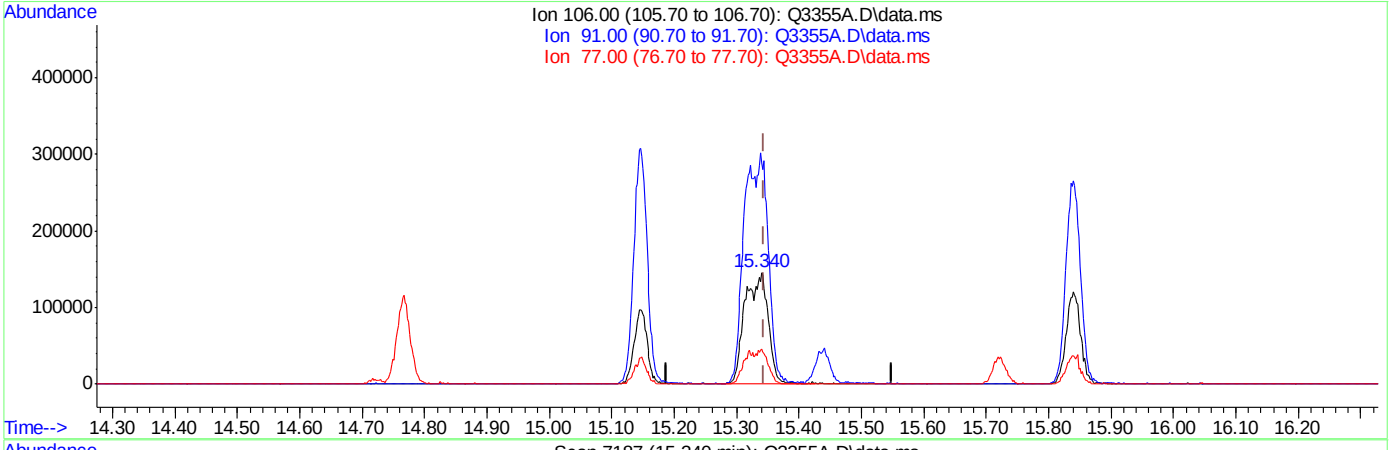
response 172848

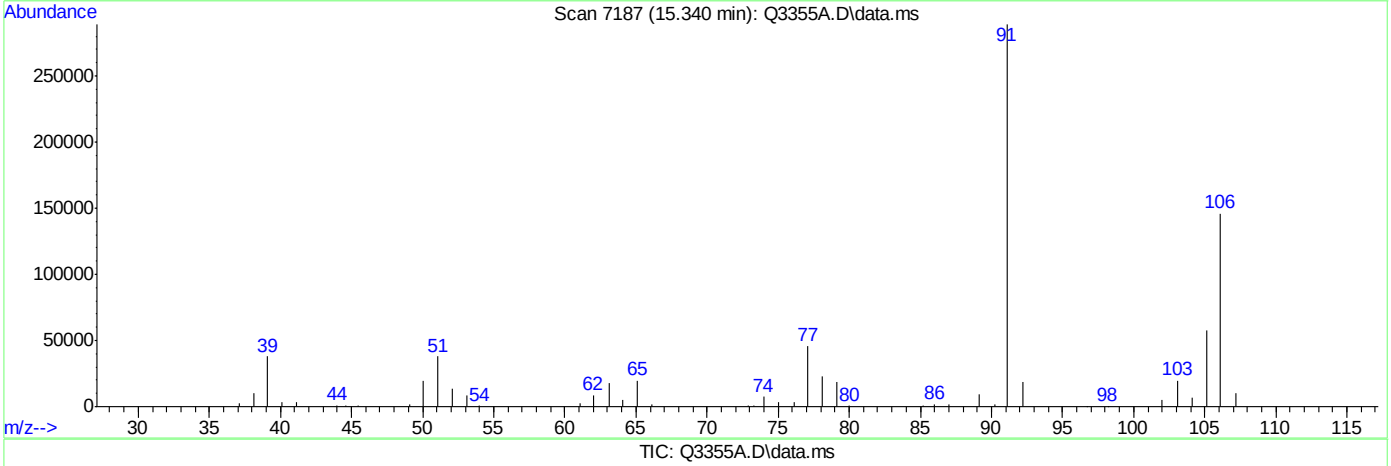
Ion	Exp%	Act%
106.00	100	100
91.00	212.80	205.97
77.00	31.20	25.37
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3355A.D
Acq On : 7 May 2007 11:02 am
Operator : PhilipB
Sample : BS (M148)
Misc : MS13508,MSQ182,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 07 11:33:02 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 15:09:53 2007
Response via : Initial Calibration





TIC: Q3355A.D\data.ms

(56) m,p-XYLENE (m)

15.340min (-0.003) 21.12PPBV m

response 379999

Ion	Exp%	Act%
106.00	100	100
91.00	212.80	197.81
77.00	31.20	31.39
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3457.D
Acq On : 18 May 2007 7:32 pm
Operator : PhilipB
Sample : M64901-1dup
Misc : MS13602,MSQ188,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 21 09:40:16 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration

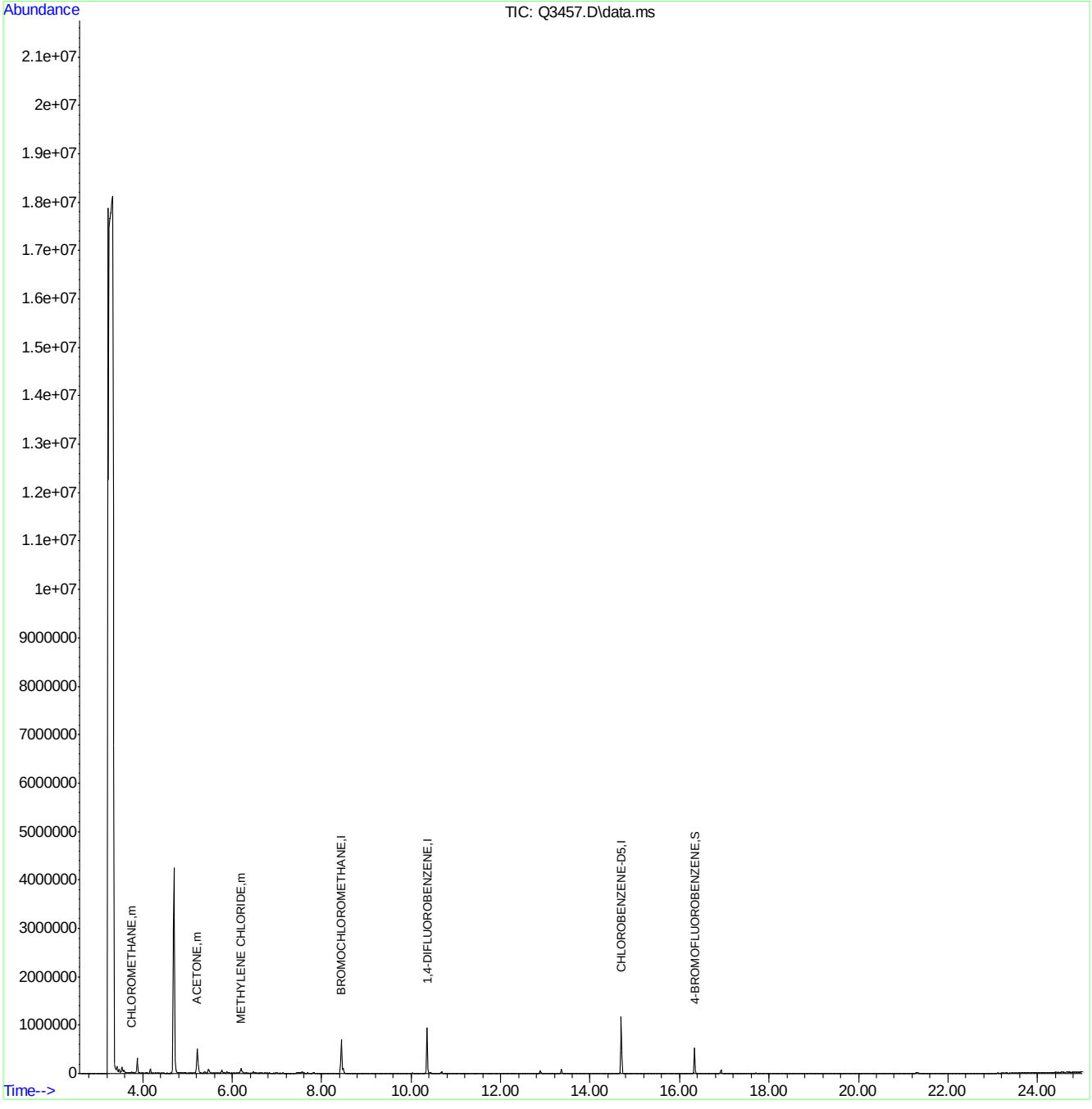
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.440	128	96578	10.00	PPBV	0.02
35) 1,4-DIFLUOROBENZENE	10.353	114	437747	10.00	PPBV	0.01
49) CHLOROBENZENE-D5	14.696	117	391350	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.332	95	135955	4.04	PPBV	0.00
Spiked Amount 5.000	Range 57 - 139		Recovery = 80.80%			
Target Compounds						Qvalue
5) CHLOROMETHANE	3.749	50	15651	0.43	PPBV	97
12) ACETONE	5.217	43	624342	12.39	PPBV #	75
18) METHYLENE CHLORIDE	6.195	84	27652	0.46	PPBV #	1

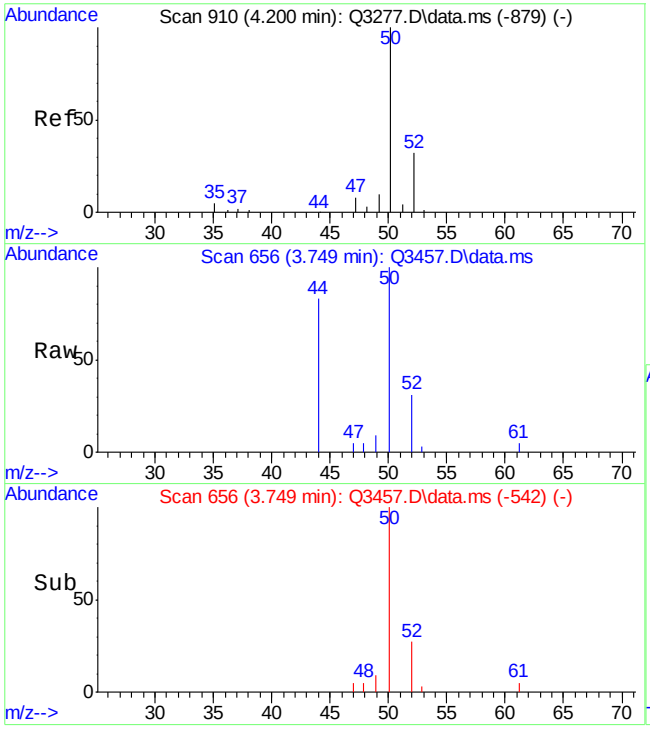
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3457.D
Acq On : 18 May 2007 7:32 pm
Operator : PhilipB
Sample : M64901-1dup
Misc : MS13602,MSQ188,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 21 09:40:16 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration

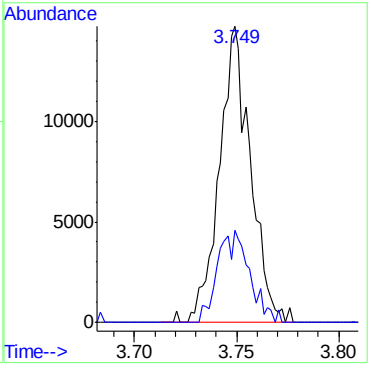


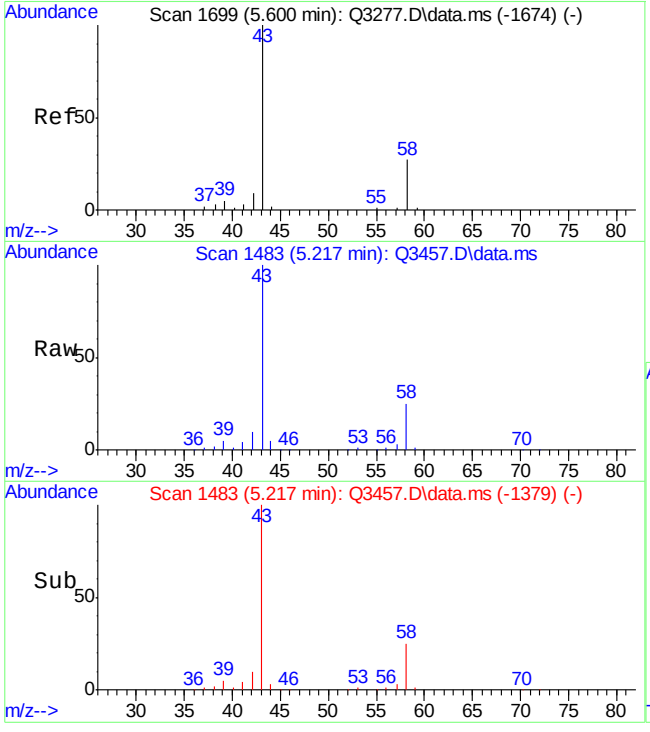


#5
CHLOROMETHANE
Concen: 0.43 PPBV
RT: 3.749 min Scan# 656
Delta R.T. -0.004 min
Lab File: Q3457.D
Acq: 18 May 2007 7:32 pm

Tgt Ion: 50 Resp: 15651

Ion	Ratio	Lower	Upper
50	100		
52	31.3	12.8	52.8

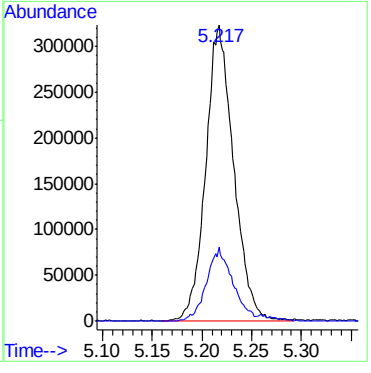


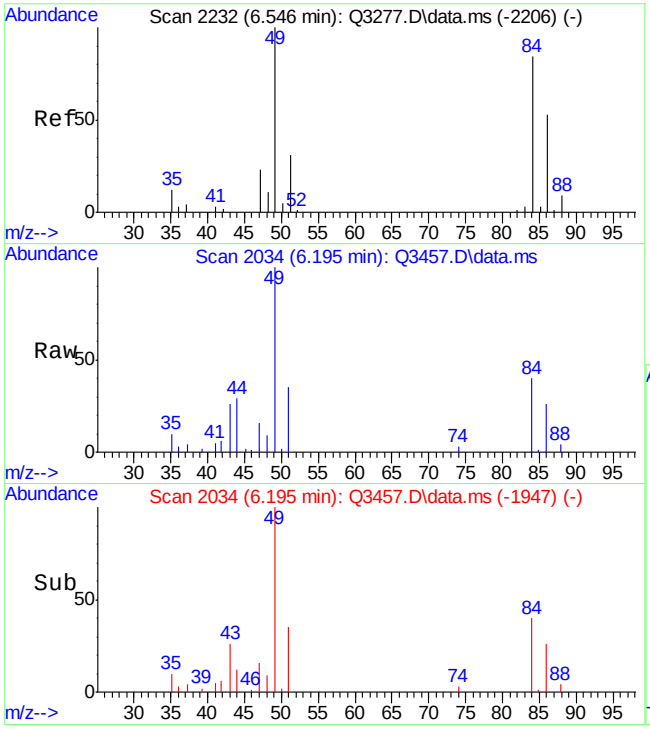


#12
ACETONE
Concen: 12.39 PPBV
RT: 5.217 min Scan# 1483
Delta R.T. 0.029 min
Lab File: Q3457.D
Acq: 18 May 2007 7:32 pm

Tgt Ion: 43 Resp: 624342

Ion	Ratio	Lower	Upper
43	100		
58	23.5	0.0	20.3#

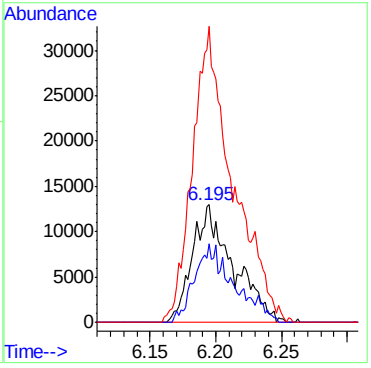




#18
METHYLENE CHLORIDE
Concen: 0.46 PPBV
RT: 6.195 min Scan# 2034
Delta R.T. 0.004 min
Lab File: Q3457.D
Acq: 18 May 2007 7:32 pm

Tgt Ion: 84 Resp: 27652

Ion	Ratio	Lower	Upper
84	100		
86	64.1	0.0	21.1#
49	250.8	0.0	204.0#



Manual Integrations
APPROVED
(compounds with "m" flag)
Doug Yargeau
05/21/07 17:27

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3342A.D
Acq On : 4 May 2007 4:46 pm
Operator : PhilipB
Sample : CP406 (M116)
Misc : MS13500,MSQ181,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 04 17:12:03 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 15:09:53 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.646	128	140470	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.476	114	599693	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.723	117	459105m	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.339	95	134906	3.78	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 75.60%

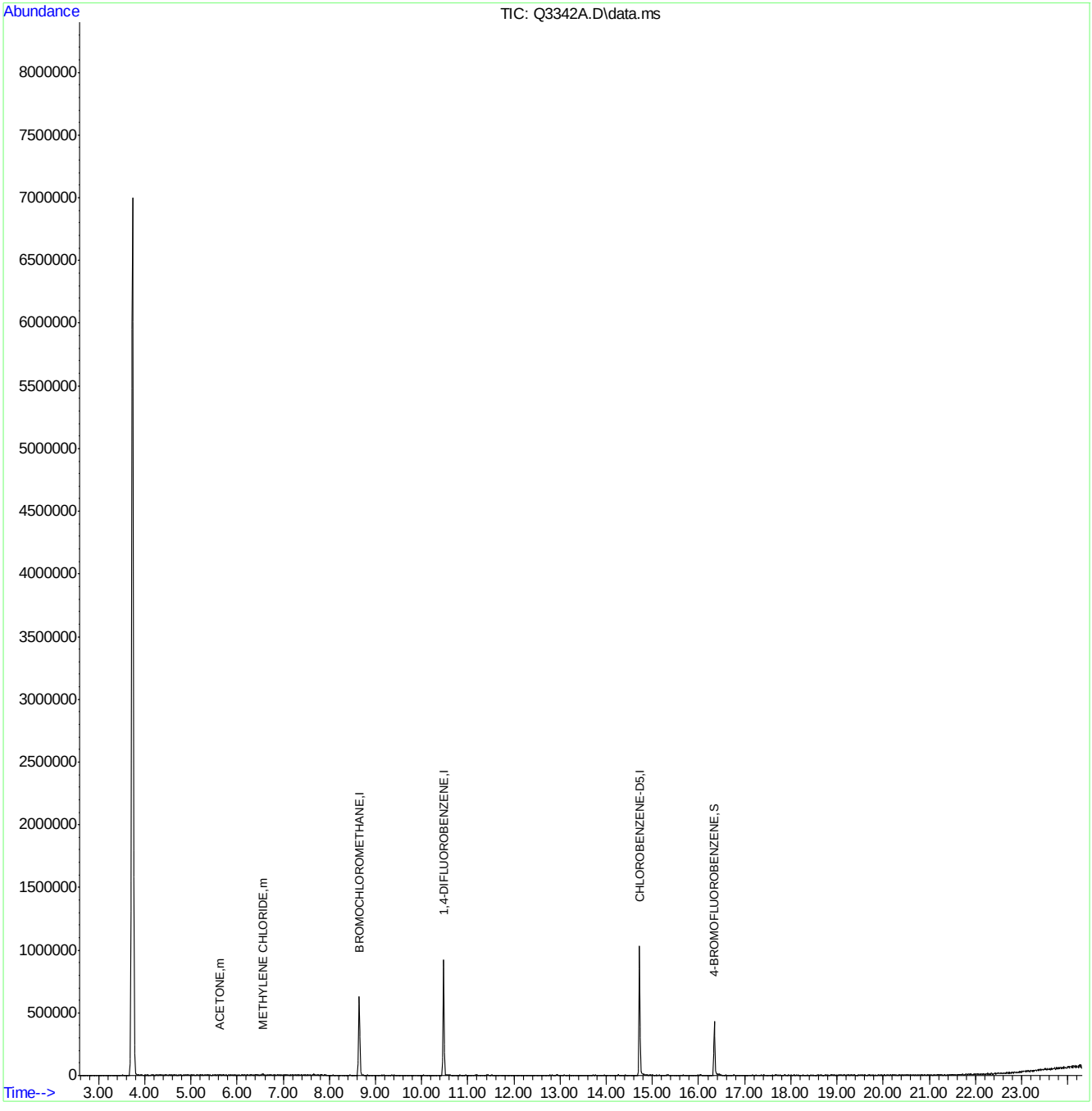
Target Compounds						Qvalue
12) ACETONE	5.625	43	6455m	0.81	PPBV	
18) METHYLENE CHLORIDE	6.559	84	2859m	0.14	PPBV	

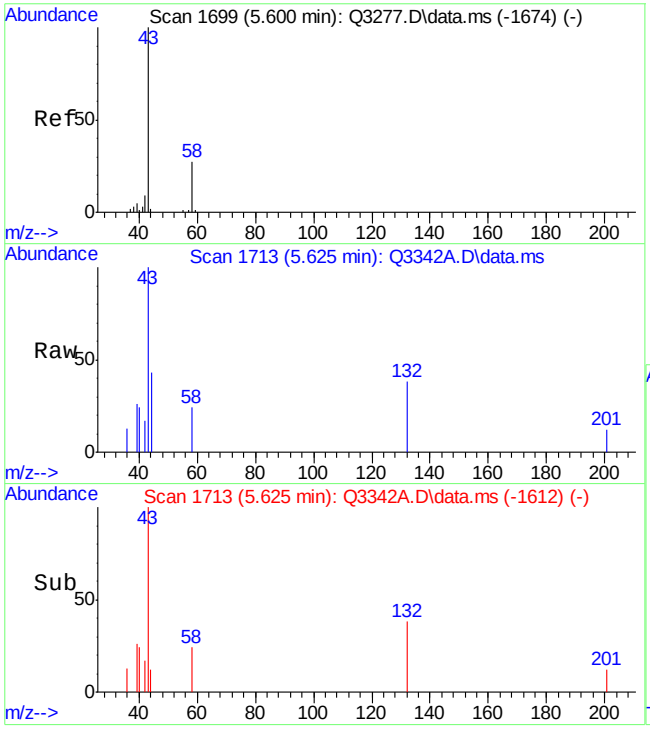
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3342A.D
Acq On : 4 May 2007 4:46 pm
Operator : PhilipB
Sample : CP406 (M116)
Misc : MS13500,MSQ181,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 04 17:12:03 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 15:09:53 2007
Response via : Initial Calibration

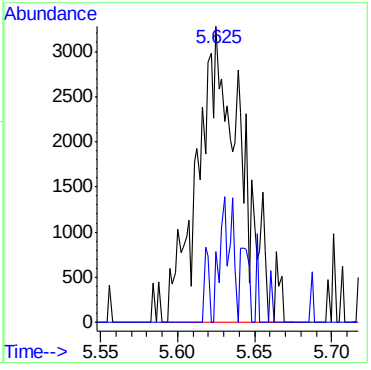


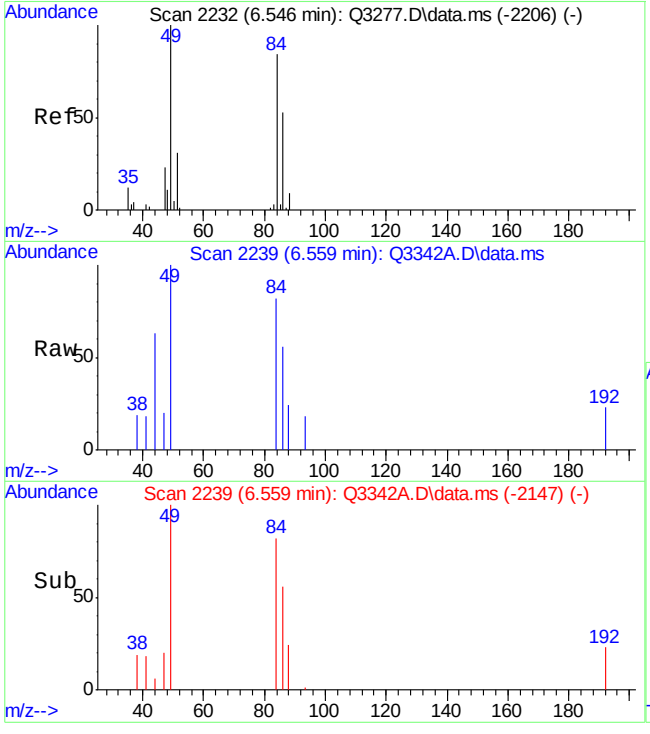


#12
ACETONE
Concen: 0.81 PPBV m
RT: 5.625 min Scan# 1713
Delta R.T. 0.025 min
Lab File: Q3342A.D
Acq: 4 May 2007 4:46 pm

Tgt Ion: 43 Resp: 6455

Ion	Ratio	Lower	Upper
43	100		
58	19.4	5.4	45.4

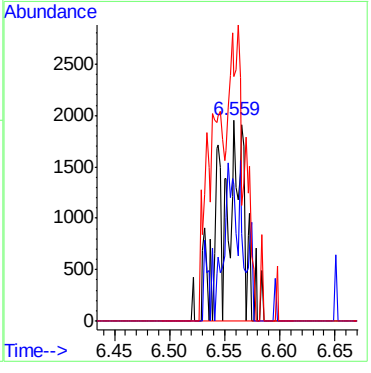




#18
METHYLENE CHLORIDE
Concen: 0.14 PPBV m
RT: 6.559 min Scan# 2239
Delta R.T. 0.013 min
Lab File: Q3342A.D
Acq: 4 May 2007 4:46 pm

Tgt Ion: 84 Resp: 2859

Ion	Ratio	Lower	Upper
84	100		
86	0.0	45.0	85.0#
49	78.7	0.0	318.8



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3356A.D
Acq On : 7 May 2007 11:51 am
Operator : PhilipB
Sample : CP407 (M111)
Misc : MS13508,MSQ182,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 07 12:17:41 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 15:09:53 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.641	128	150065	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.472	114	645291	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.719	117	525848	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.341	95	194203	4.75	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 95.00%

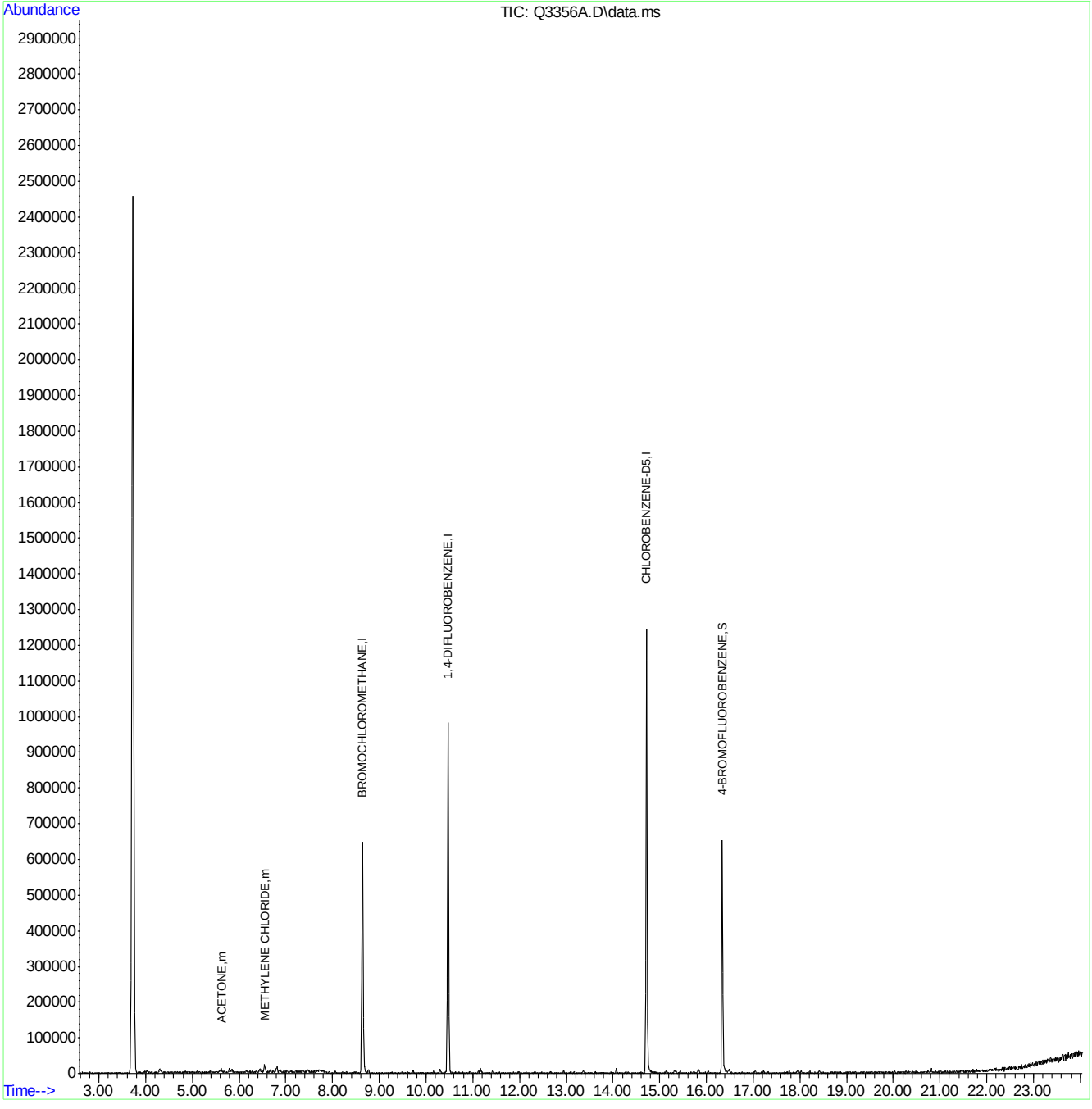
Target Compounds						Qvalue
12) ACETONE	5.616	43	15758	1.13	PPBV	62
18) METHYLENE CHLORIDE	6.541	84	7128	0.32	PPBV	56

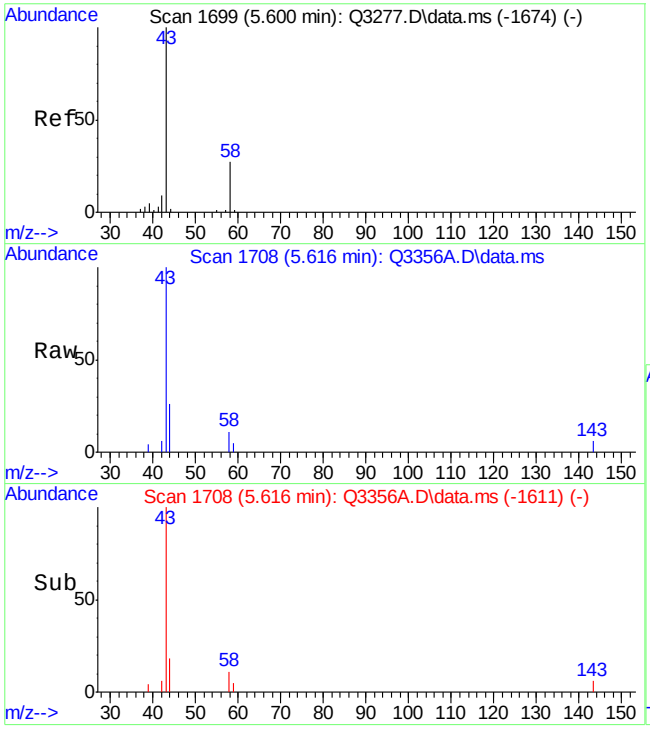
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3356A.D
Acq On : 7 May 2007 11:51 am
Operator : PhilipB
Sample : CP407 (M111)
Misc : MS13508,MSQ182,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 07 12:17:41 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 15:09:53 2007
Response via : Initial Calibration

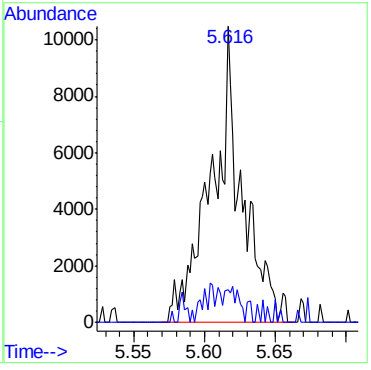


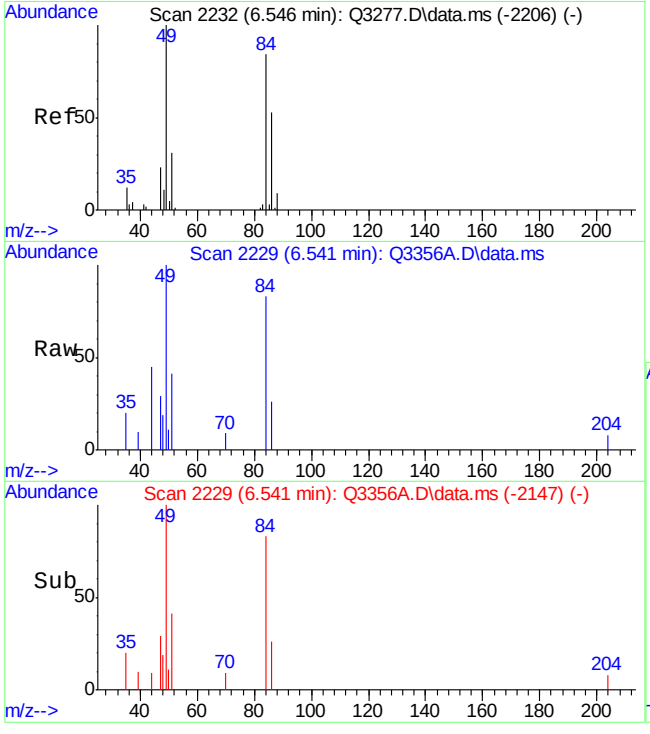


#12
ACETONE
Concen: 1.13 PPBV
RT: 5.616 min Scan# 1708
Delta R.T. 0.016 min
Lab File: Q3356A.D
Acq: 7 May 2007 11:51 am

Tgt Ion: 43 Resp: 15758

Ion	Ratio	Lower	Upper
43	100		
58	6.1	5.4	45.4

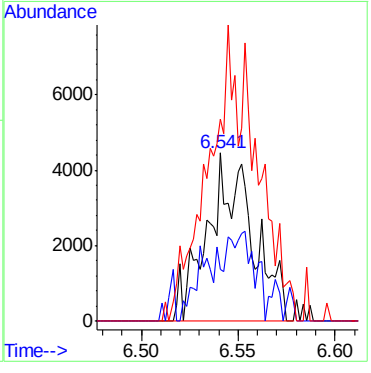




#18
METHYLENE CHLORIDE
Concen: 0.32 PPBV
RT: 6.541 min Scan# 2229
Delta R.T. -0.005 min
Lab File: Q3356A.D
Acq: 7 May 2007 11:51 am

Tgt Ion: 84 Resp: 7128

Ion	Ratio	Lower	Upper
84	100		
86	55.9	45.0	85.0
49	186.9	0.0	318.8

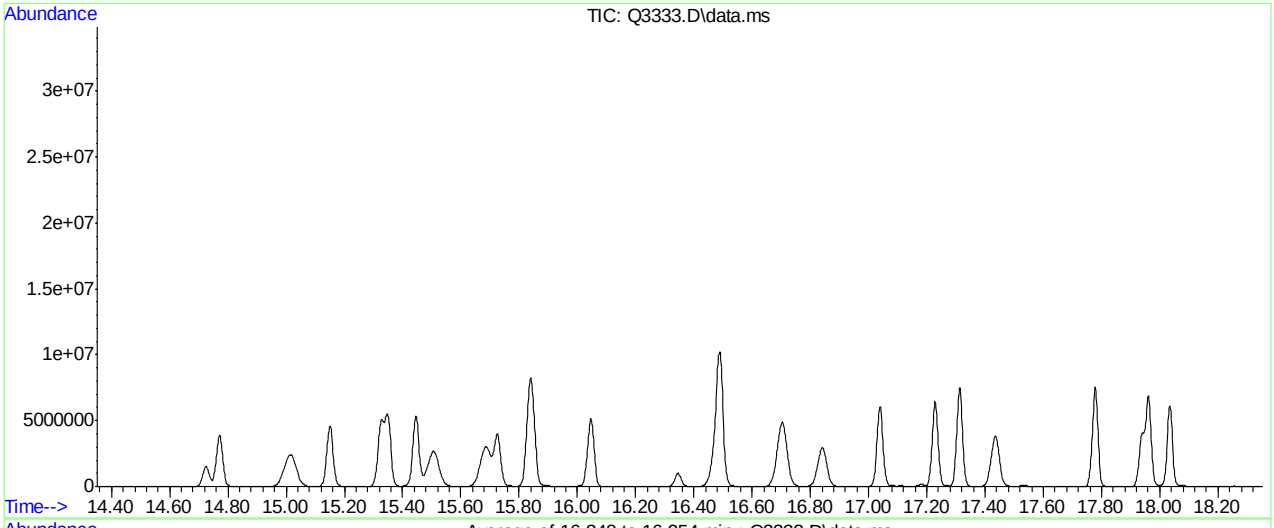


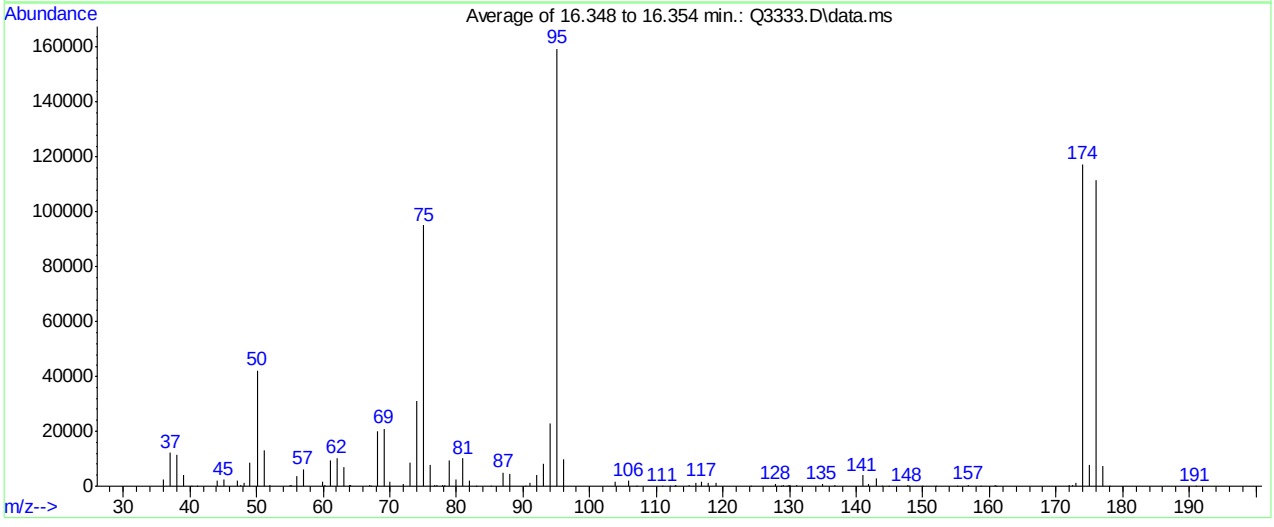
BFB

Data File : C:\msdchem\1\DATA\Q3333.D
Acq On : 3 May 2007 5:52 pm
Sample : IC180-40 (M105)
Misc : MS13469,MSQ180,,,,,1
MS Integration Params: LSCINT.P

Vial: 1
Operator: PhilipB
Inst : MAMSQ
Multiplr: 1.00

Method : C:\msdchem\1\METHODS\Q050307T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um





Spectrum Information: Average of 16.348 to 16.354 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	26.5	42294	PASS
75	95	30	66	59.6	95074	PASS
95	95	100	100	100.0	159520	PASS
96	95	5	9	6.3	9974	PASS
173	174	0.00	2	1.1	1288	PASS
174	95	50	120	73.6	117362	PASS
175	174	4	9	6.7	7854	PASS
176	174	93	101	95.2	111676	PASS
177	176	5	9	6.6	7381	PASS

Q3333.D Q050307T.m Fri May 04 14:43:53 2007 RPT1

Average of 16.348 to 16.354 min.: Q3333.D\data.ms
IC180-40 (M105)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.10	2634	49.05	8525	62.05	10276	74.10	31018
37.10	12087	50.10	42294	63.05	7095	75.10	95074
38.10	11550	51.10	13082	64.00	303	76.05	7815
39.10	4217	51.95	557	64.20	229	76.80	493
40.20	153	54.95	572	67.00	325	77.15	585
41.00	102	55.20	345	67.20	209	77.90	630
44.05	2099	56.05	3895	68.10	19969	78.20	424
45.05	2370	57.05	6149	69.10	20916	78.95	9213
47.05	2211	59.95	1529	70.00	1767	79.95	2653
47.70	240	60.20	392	72.05	774	81.00	10134
48.10	1329	61.05	9217	73.05	8394	81.95	2119

Average of 16.348 to 16.354 min.: Q3333.D\data.ms
IC180-40 (M105)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
83.00	134	103.85	1752	118.90	1159	136.85	502
85.20	180	105.85	1887	124.10	120	140.95	4083
87.05	4909	107.00	154	127.80	253	141.90	694
88.00	4631	110.90	166	127.95	668	142.95	2777
90.30	126	112.00	109	128.80	214	143.90	141
91.00	1295	112.70	188	129.05	357	144.90	189
92.10	4285	112.95	360	129.60	122	147.65	326
93.05	8006	114.90	247	129.90	577	147.90	181
94.05	22994	115.90	1046	130.10	268	150.00	157
95.10	159520	116.85	1767	131.00	454	151.90	104
96.10	9974	117.85	1248	134.95	766	155.20	196

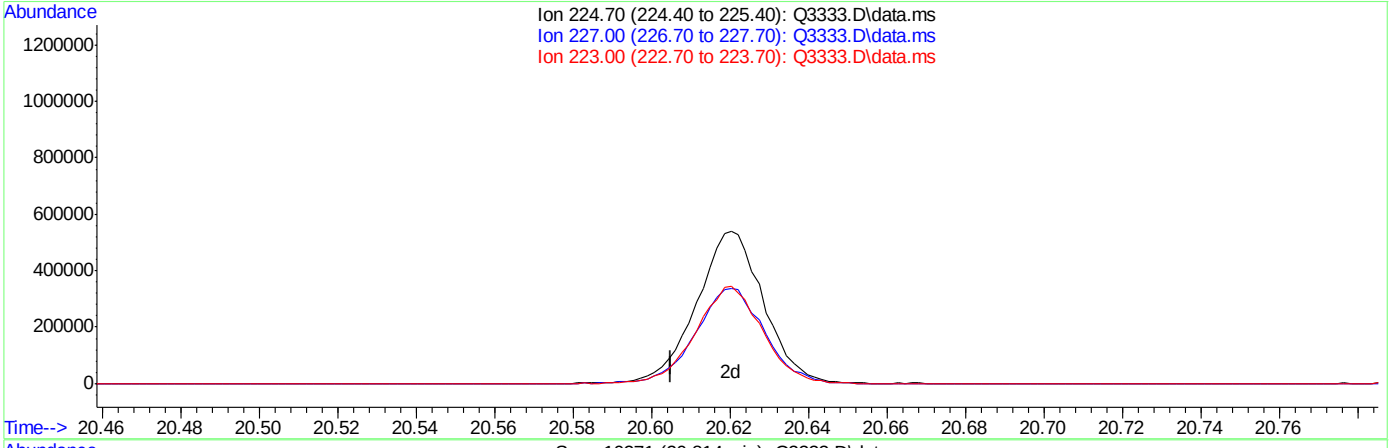
Average of 16.348 to 16.354 min.: Q3333.D\data.ms
IC180-40 (M105)

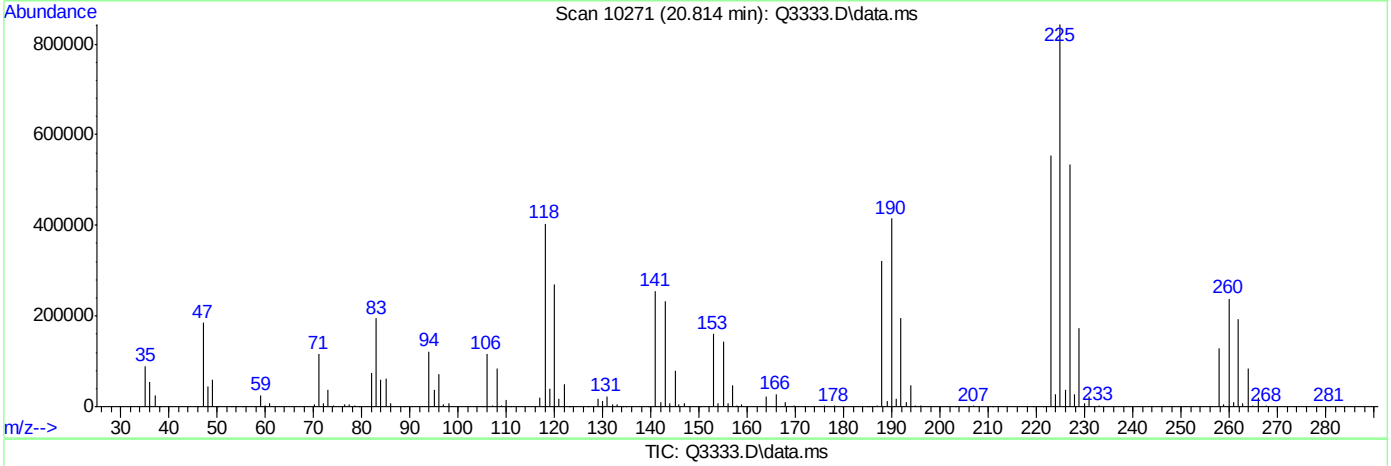
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
156.85	419	178.00	115				
158.70	128	190.90	109				
160.90	284						
161.10	116						
172.00	299						
172.50	281						
172.95	1288						
174.00	117362						
174.95	7854						
176.00	111676						
177.00	7381						

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3333.D
Acq On : 3 May 2007 5:52 pm
Operator : PhilipB
Sample : IC180-40 (M105)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 04 09:22:57 2007
Quant Method : C:\msdchem\1\METHODS\Q042607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu May 03 16:43:37 2007
Response via : Initial Calibration





(72) HEXACHLOROBUTADIENE (m)

20.814min (+0.003) 66.65PPBV

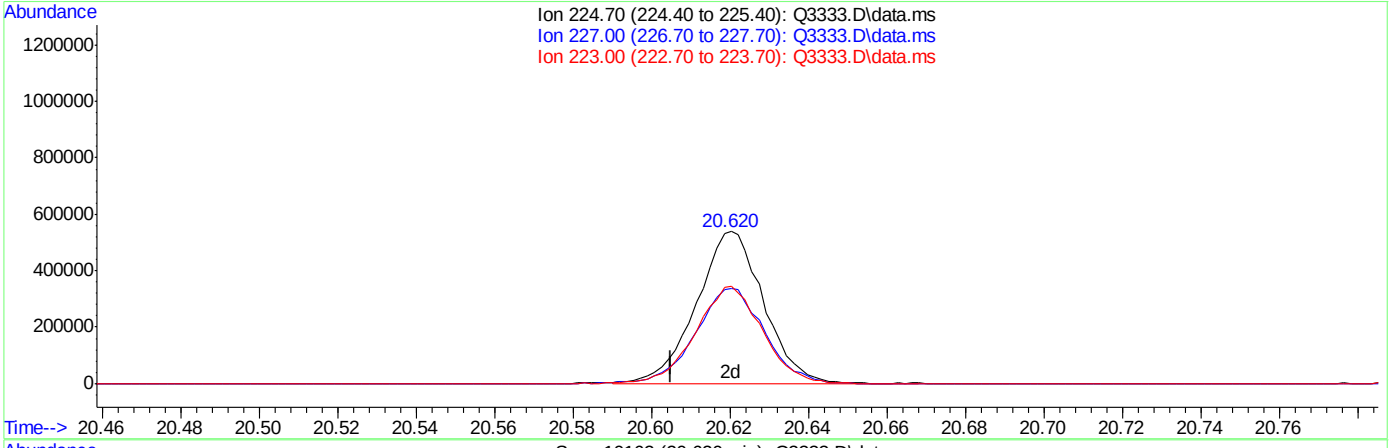
response 900765

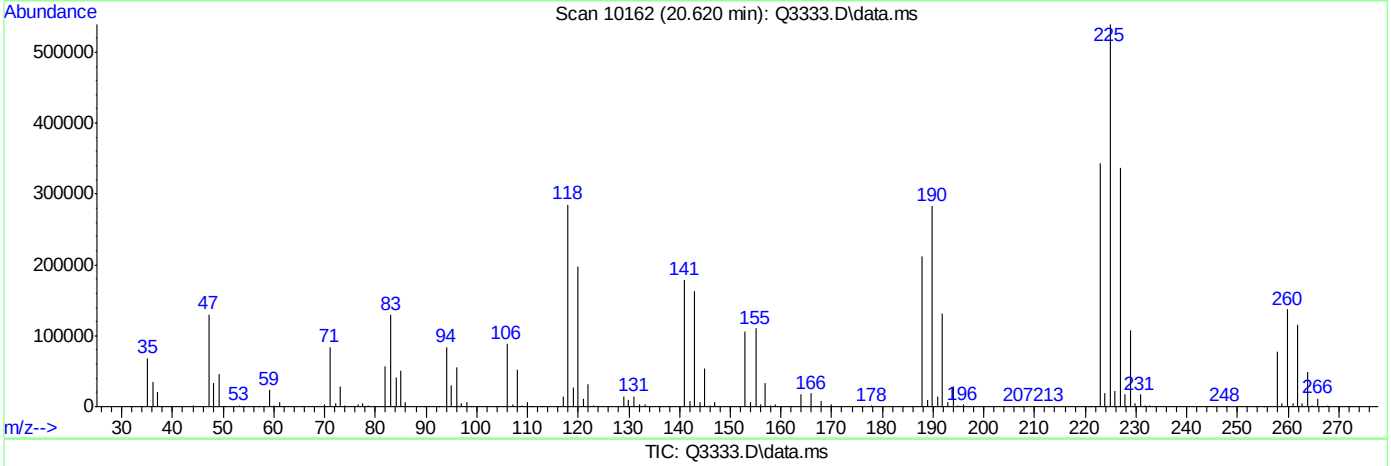
Ion	Exp%	Act%
224.70	100	100
227.00	64.20	64.88
223.00	62.30	64.16
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3333.D
Acq On : 3 May 2007 5:52 pm
Operator : PhilipB
Sample : IC180-40 (M105)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 04 09:22:57 2007
Quant Method : C:\msdchem\1\METHODS\Q042607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu May 03 16:43:37 2007
Response via : Initial Calibration





(72) HEXACHLOROBUTADIENE (m)

20.620min (-0.191) 47.47PPBV m

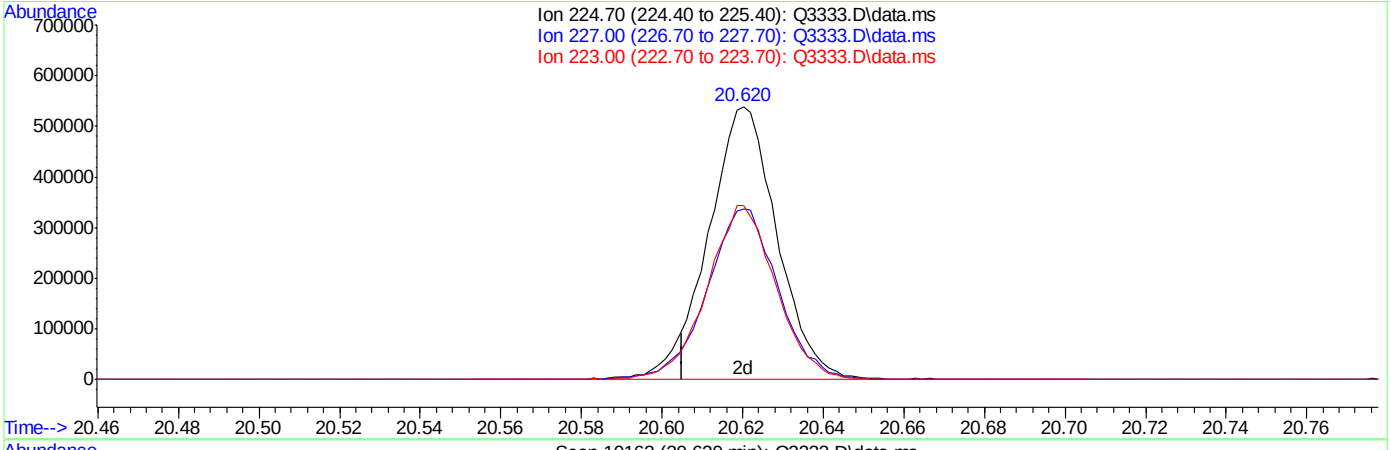
response 641593

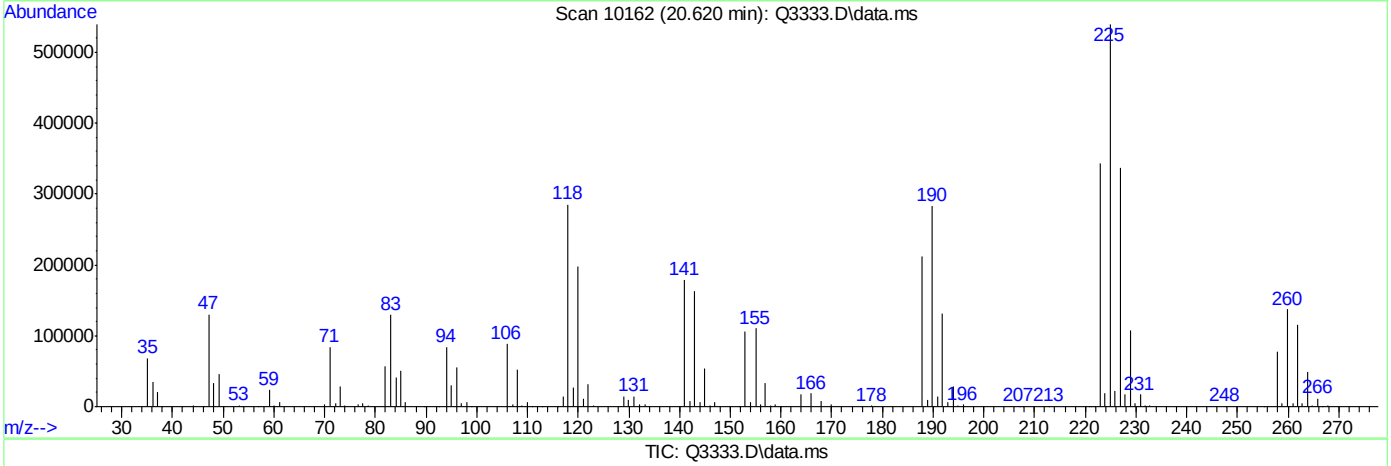
Ion	Exp%	Act%
224.70	100	100
227.00	64.20	91.10#
223.00	62.30	90.08#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3333.D
Acq On : 3 May 2007 5:52 pm
Operator : PhilipB
Sample : IC180-40 (M105)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 04 14:39:50 2007
Quant Method : C:\msdchem\1\METHODS\Q042607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu May 03 16:43:37 2007
Response via : Initial Calibration





(72) HEXACHLOROBUTADIENE (m)

20.620min (-0.191) 47.68PPBV m

response 644343

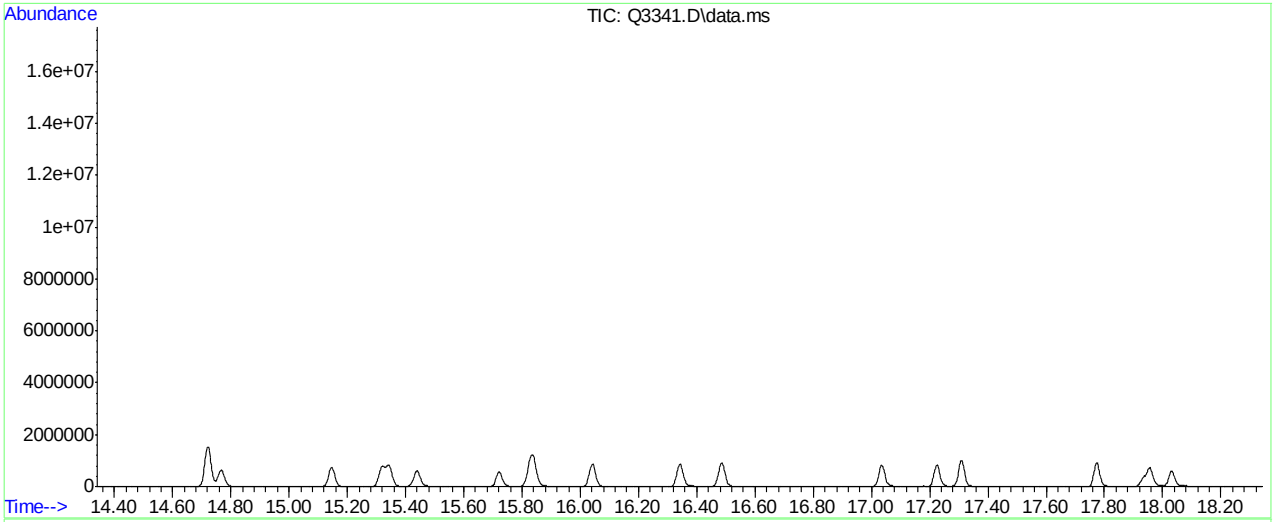
Ion	Exp%	Act%
224.70	100	100
227.00	64.20	90.71#
223.00	62.30	89.69#
0.00	0.00	0.00

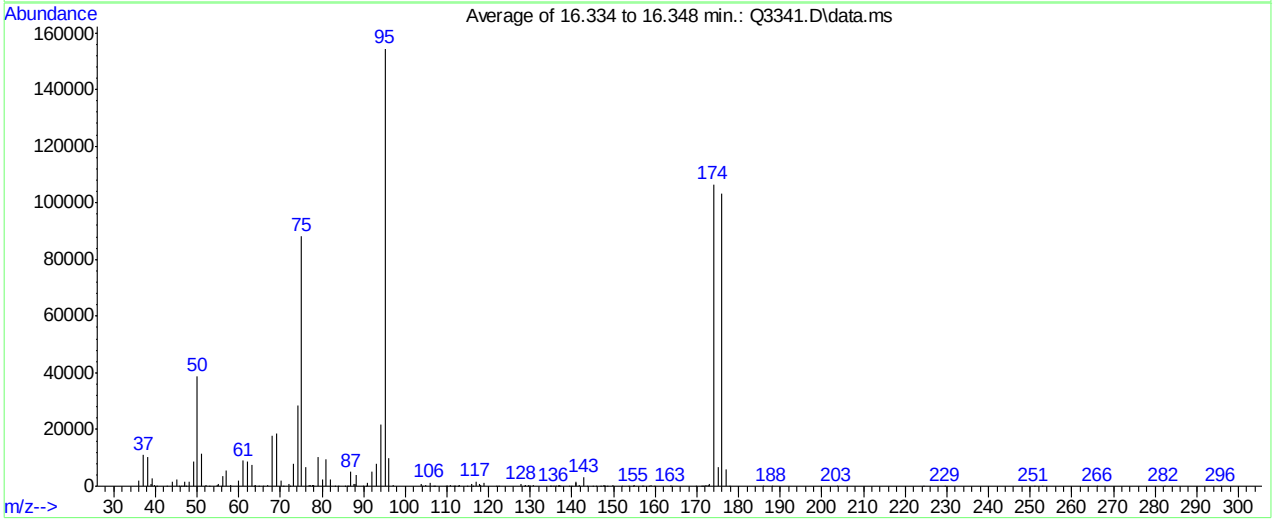
BFB

Data File : C:\msdchem\1\DATA\Q3341.D
Acq On : 4 May 2007 3:31 pm
Sample : CC180-10 (M148)
Misc : MS13500,MSQ180,,,,,1
MS Integration Params: LSCINT.P

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

Method : C:\msdchem\1\METHODS\Q050307T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um





Spectrum Information: Average of 16.334 to 16.348 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	25.2	38916	PASS
75	95	30	66	57.2	88356	PASS
95	95	100	100	100.0	154463	PASS
96	95	5	9	6.5	10096	PASS
173	174	0.00	2	0.7	764	PASS
174	95	50	120	69.0	106544	PASS
175	174	4	9	6.2	6645	PASS
176	174	93	101	96.9	103272	PASS
177	176	5	9	5.9	6042	PASS

Q3341.D Q050307T.m Fri May 04 15:57:09 2007 RPT1

Average of 16.334 to 16.348 min.: Q3341.D\data.ms
CC180-10 (M148)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.05	1991	46.30	49	55.10	708	64.90	124
37.10	11052	46.80	122	55.80	160	66.00	72
38.05	10489	46.95	1624	56.10	3719	67.05	411
39.00	842	47.30	76	57.05	5645	68.05	17889
39.15	2672	48.00	1708	57.95	352	69.05	18649
39.90	293	49.15	8521	60.00	2030	70.10	1980
40.20	59	50.10	38916	61.05	9001	70.70	54
42.80	75	51.05	11336	62.05	8734	71.95	689
44.05	1797	52.05	444	63.05	7370	72.20	166
45.10	2387	53.00	51	63.80	142	73.05	7933
45.70	48	54.85	338	64.05	318	74.10	28350

Average of 16.334 to 16.348 min.: Q3341.D\data.ms
CC180-10 (M148)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
75.10	88356	83.10	169	90.95	1299	106.70	140
76.10	6548	83.90	48	92.05	5210	107.10	55
76.90	417	85.55	175	92.95	8067	109.70	68
77.20	581	85.95	95	94.05	21874	109.90	57
77.60	255	86.20	48	95.10	154463	110.90	239
77.80	141	86.95	5031	96.05	10096	111.70	53
78.05	359	87.80	782	97.00	239	112.00	164
78.95	10225	87.90	619	103.85	911	112.80	134
80.00	2576	88.10	4127	104.10	205	113.05	346
81.00	9377	89.70	49	105.00	362	114.80	148
81.95	2522	90.60	50	105.95	1292	115.85	836

Average of 16.334 to 16.348 min.: Q3341.D\data.ms
CC180-10 (M148)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
116.10	83	129.75	517	139.30	47	147.80	327
116.90	1600	130.00	87	140.00	51	148.00	84
117.85	688	130.80	428	140.90	1771	148.60	45
118.10	426	134.75	129	141.05	1110	149.85	218
118.90	1257	134.95	184	141.75	455	151.90	54
121.90	69	135.70	65	142.95	3360	153.70	52
122.50	68	136.00	46	143.60	53	154.80	51
127.85	660	136.70	102	145.10	207	154.95	279
128.70	58	136.80	60	145.85	200	156.80	63
128.95	231	136.95	257	146.90	87	157.10	147
129.50	62	137.15	117	147.70	185	158.40	58

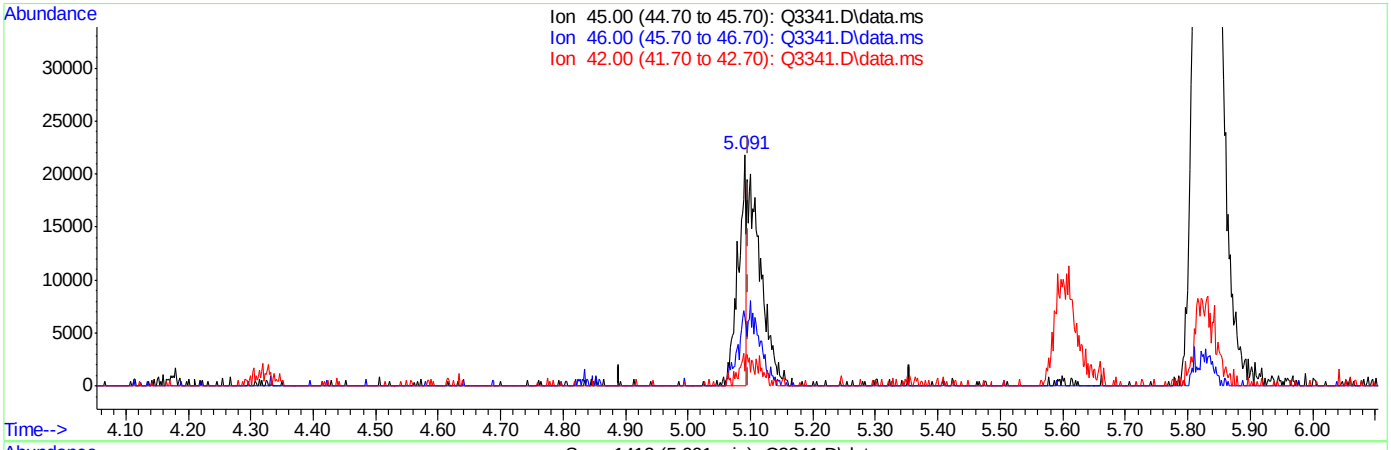
Average of 16.334 to 16.348 min.: Q3341.D\data.ms
CC180-10 (M148)

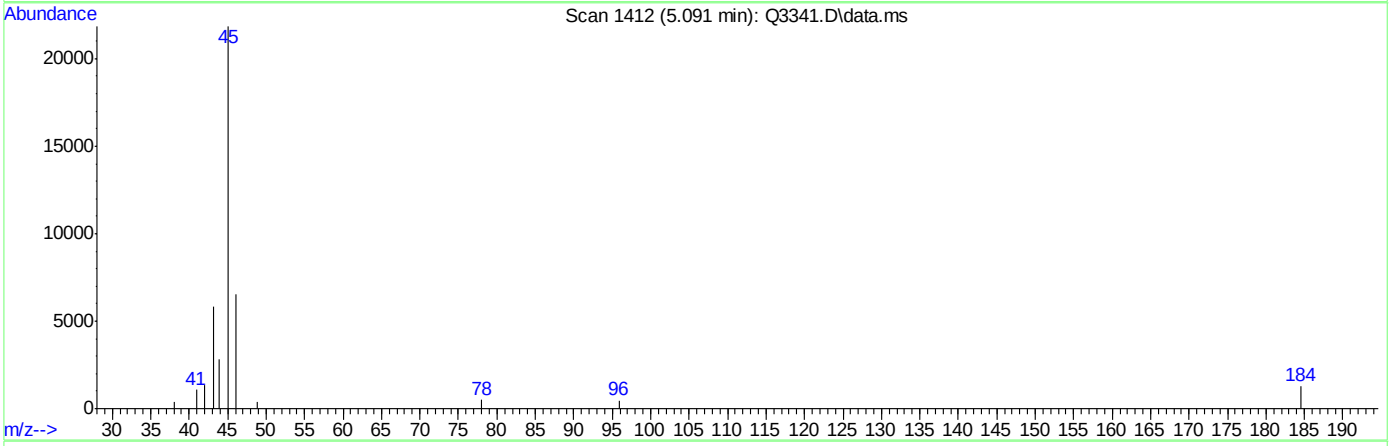
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
159.00	263	174.00	106544	252.90	46		
159.90	54	175.00	6645	266.20	52		
163.60	70	176.00	103272	282.10	52		
163.80	50	176.95	6042	295.70	96		
169.80	71	177.90	146				
171.00	57	185.90	49				
171.40	74	188.00	144				
171.70	141	203.60	66				
172.05	390	224.40	61				
172.75	508	229.60	112				
172.95	764	250.90	54				

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3341.D
Acq On : 4 May 2007 3:31 pm
Operator : PhilipB
Sample : CC180-10 (M148)
Misc : MS13500,MSQ180,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 04 15:56:01 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 15:09:53 2007
Response via : Initial Calibration





TIC: Q3341.D\data.ms

(16) ETHANOL (m)

5.091min (-0.006) 3.74PPBV

response 18480

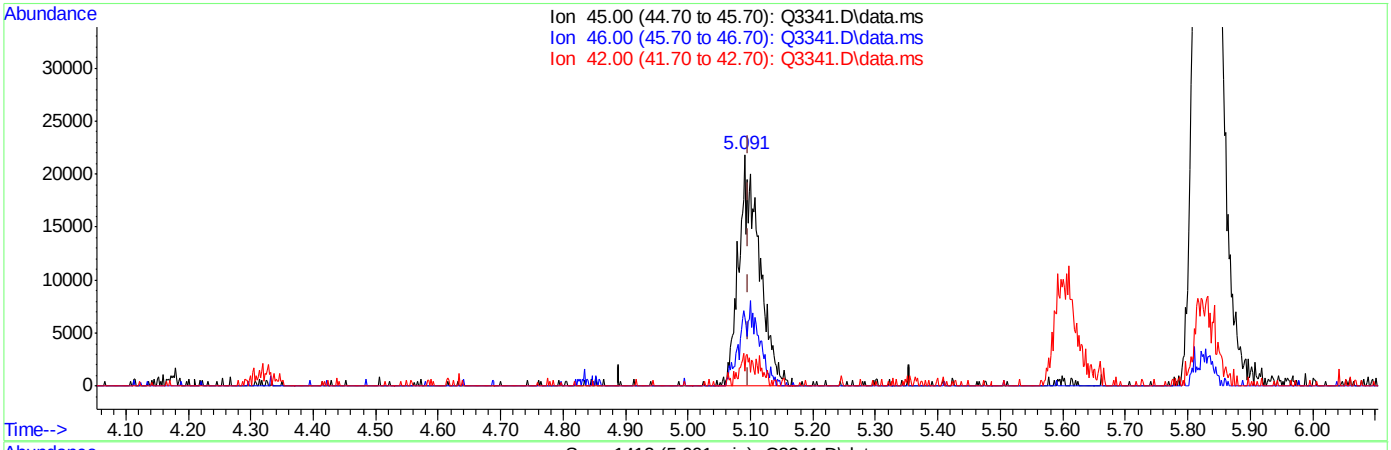
Ion	Exp%	Act%
45.00	100	100
46.00	30.60	91.35#
42.00	4.60	16.94
0.00	0.00	0.00

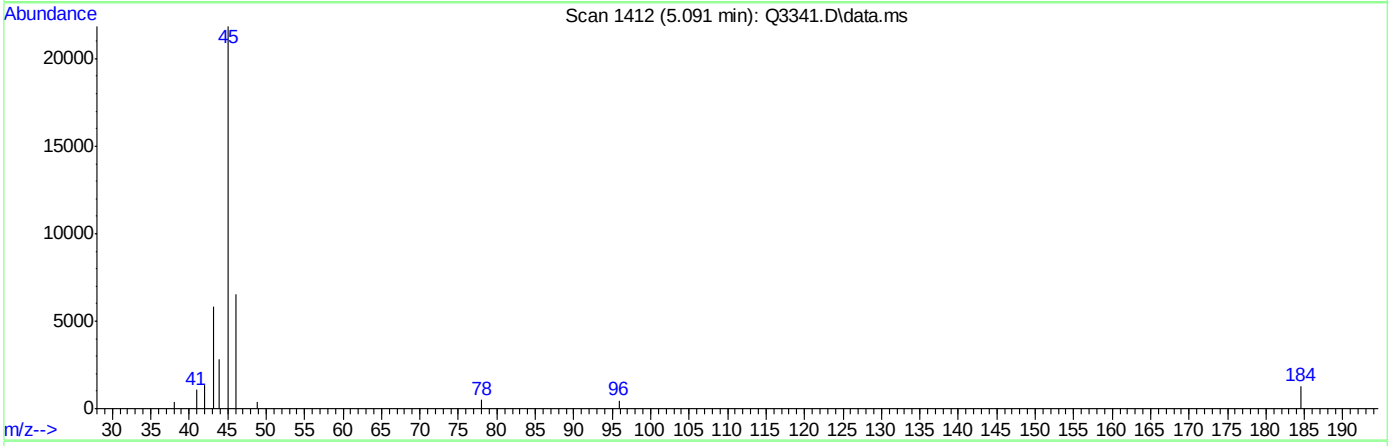
ACCUTEST Laboratories M64901

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3341.D
Acq On : 4 May 2007 3:31 pm
Operator : PhilipB
Sample : CC180-10 (M148)
Misc : MS13500,MSQ180,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 04 15:56:01 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 15:09:53 2007
Response via : Initial Calibration





TIC: Q3341.D\data.ms

(16) ETHANOL (m)

5.091min (-0.006) 9.52PPBV m

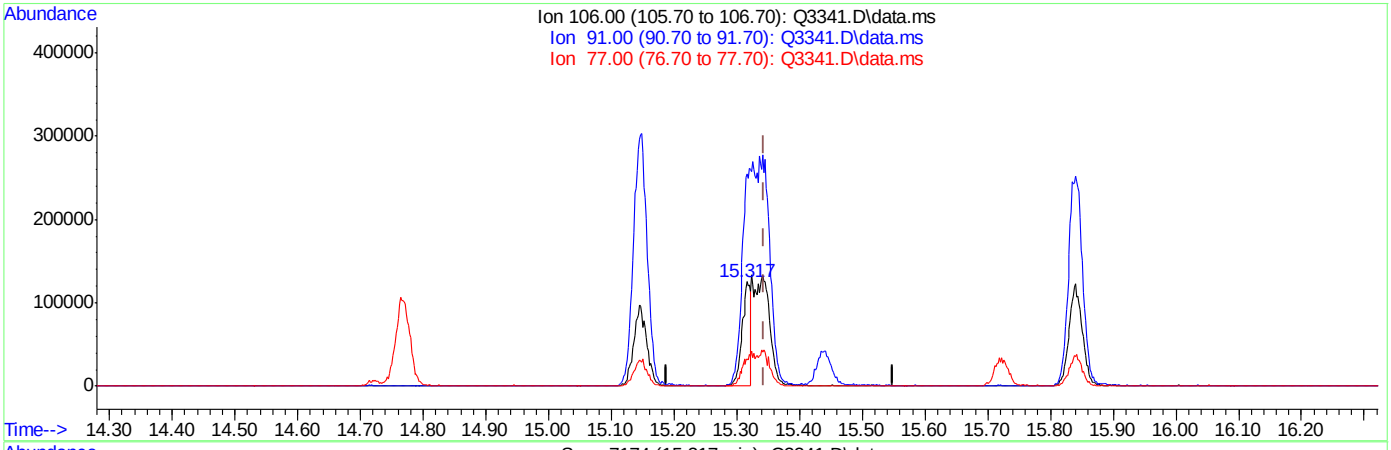
response 49553

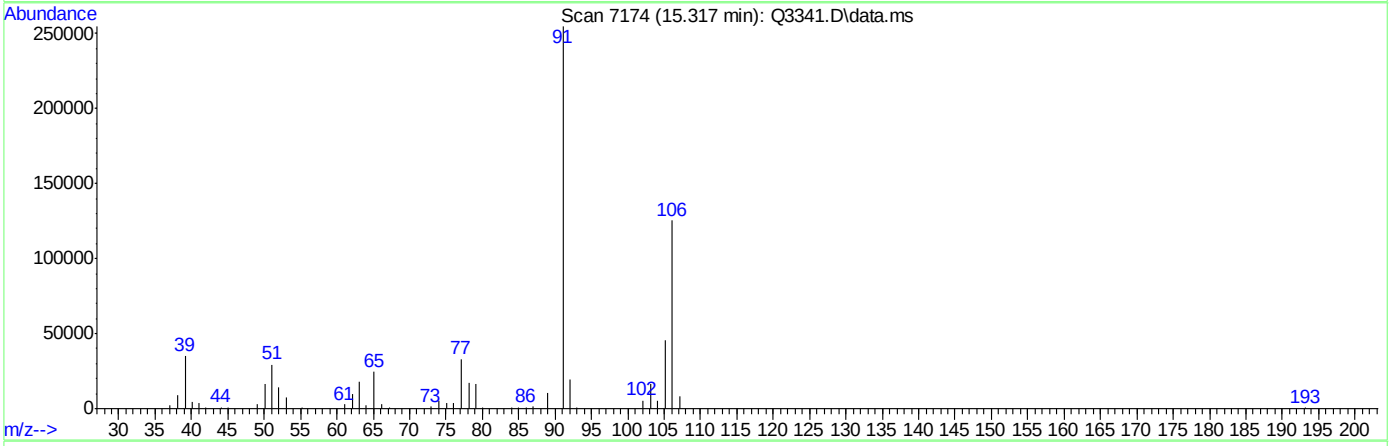
Ion	Exp%	Act%
45.00	100	100
46.00	30.60	34.07
42.00	4.60	6.32
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3341.D
Acq On : 4 May 2007 3:31 pm
Operator : PhilipB
Sample : CC180-10 (M148)
Misc : MS13500,MSQ180,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 04 15:56:01 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 15:09:53 2007
Response via : Initial Calibration





TIC: Q3341.D\data.ms

(56) m,p-XYLENE (m)

15.317min (-0.027) 5.87PPBV

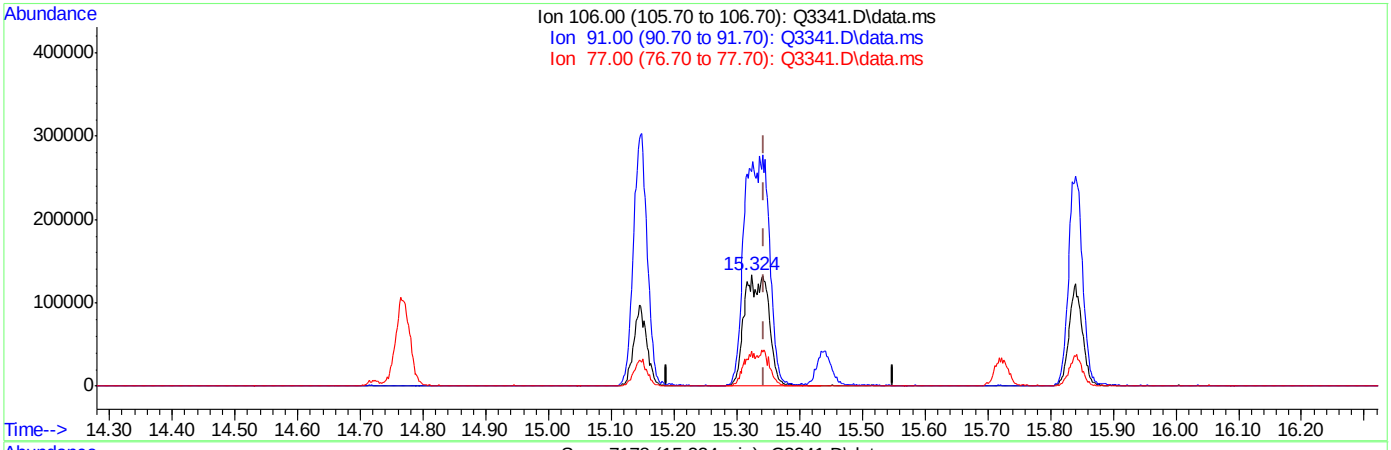
response 121204

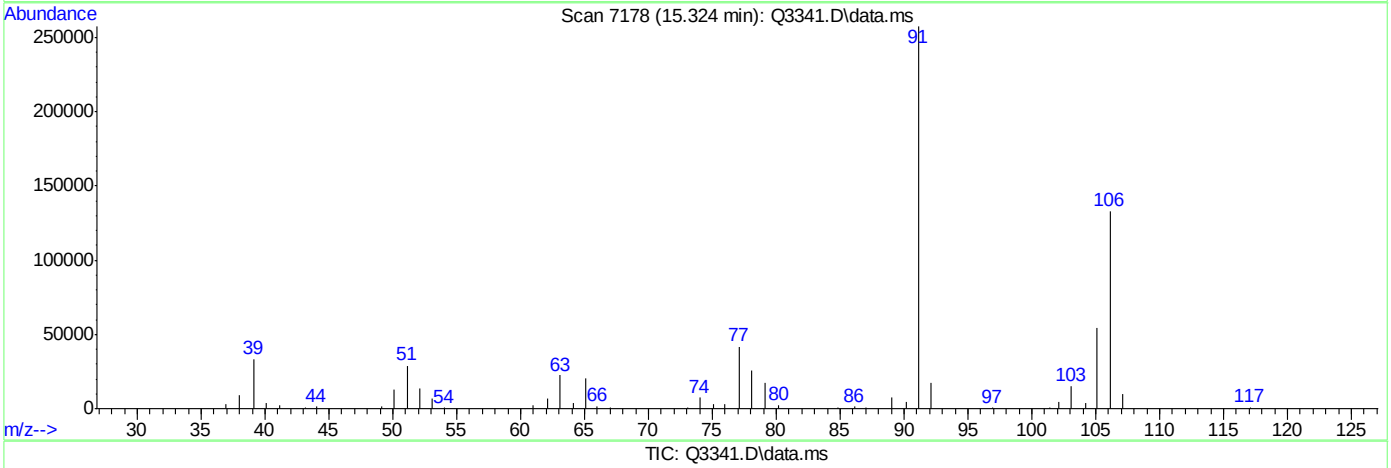
Ion	Exp%	Act%
106.00	100	100
91.00	212.80	203.01
77.00	31.20	26.30
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3341.D
Acq On : 4 May 2007 3:31 pm
Operator : PhilipB
Sample : CC180-10 (M148)
Misc : MS13500,MSQ180,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 04 15:56:01 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 15:09:53 2007
Response via : Initial Calibration





TIC: Q3341.D\data.ms

(56) m,p-XYLENE (m)

15.324min (-0.019) 17.70PPBV m

response 365457

Ion	Exp%	Act%
106.00	100	100
91.00	212.80	193.46
77.00	31.20	31.33
0.00	0.00	0.00

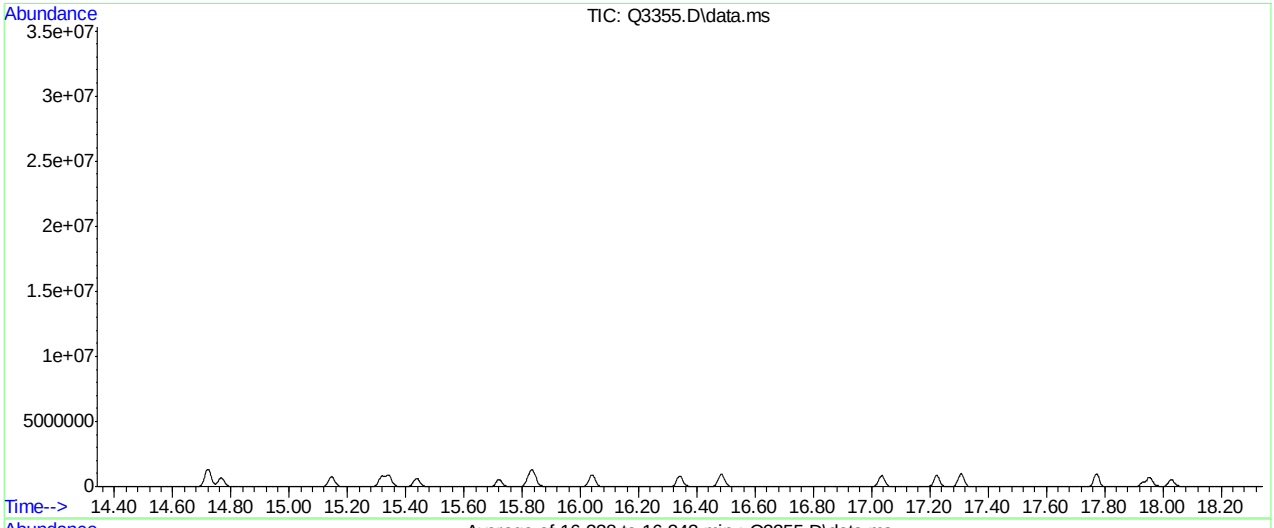
ACCUTEST Laboratories M64901

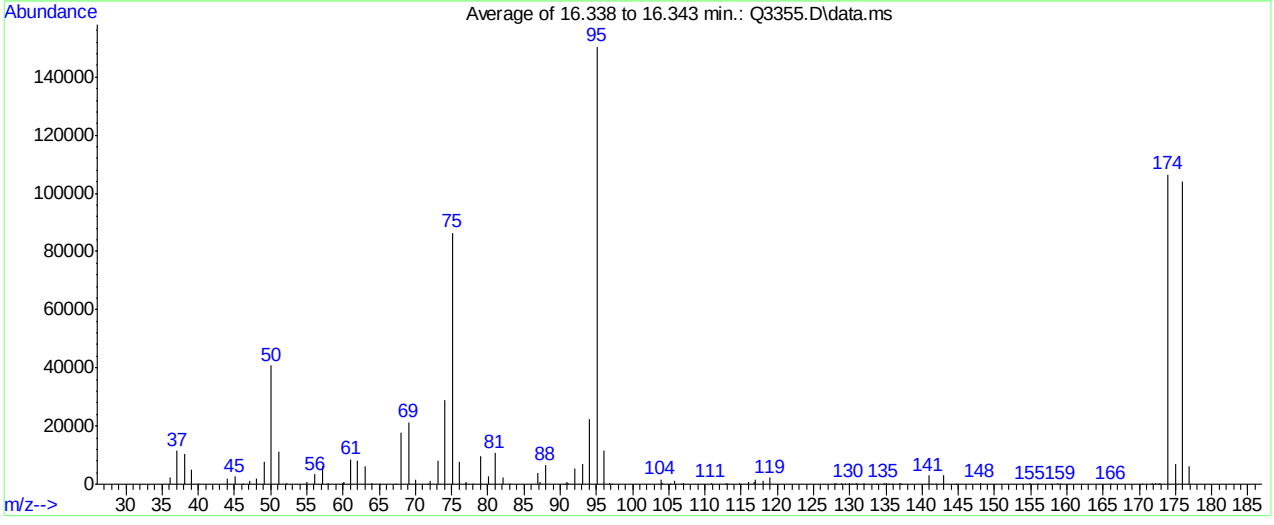
BFB

Data File : C:\msdchem\1\DATA\Q3355.D
Acq On : 7 May 2007 11:02 am
Sample : CC180-10 (M148)
Misc : MS13508,MSQ182,,,,,1
MS Integration Params: LSCINT.P

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

Method : C:\msdchem\1\METHODS\Q050307T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um





Spectrum Information: Average of 16.338 to 16.343 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	27.1	40788	PASS
75	95	30	66	57.4	86436	PASS
95	95	100	100	100.0	150512	PASS
96	95	5	9	7.7	11562	PASS
173	174	0.00	2	0.5	529	PASS
174	95	50	120	70.7	106430	PASS
175	174	4	9	6.4	6766	PASS
176	174	93	101	97.7	103986	PASS
177	176	5	9	5.8	6023	PASS

Q3355.D Q050307T.m Mon May 07 11:32:22 2007 RPT1

Average of 16.338 to 16.343 min.: Q3355.D\data.ms
CC180-10 (M148)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.05	2225	50.10	40788	62.05	8147	74.05	28814
37.05	11538	51.10	11073	63.10	6068	75.10	86436
38.05	10576	52.20	338	63.95	470	76.05	7788
39.05	4975	55.05	708	65.00	145	76.80	167
40.00	109	56.10	3418	67.30	142	76.95	759
44.00	1764	57.10	6189	68.05	17660	77.90	101
45.05	2635	57.90	369	69.10	21300	79.00	9702
46.10	137	59.90	187	69.95	1385	80.05	2605
47.05	1239	60.00	285	71.80	141	81.00	10652
48.00	1760	60.15	732	72.05	1023	82.05	2519
49.10	7590	61.05	8630	73.10	7952	83.10	145

Average of 16.338 to 16.343 min.: Q3355.D\data.ms
CC180-10 (M148)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
86.95	3857	96.85	373	114.85	294	130.20	136
87.20	868	97.10	178	115.95	881	130.90	258
87.95	6683	103.90	1630	116.80	721	131.10	101
90.60	176	104.10	417	116.95	1379	131.95	272
90.90	623	105.20	137	118.00	1004	133.60	112
91.10	448	105.85	1344	119.00	2182	134.70	508
92.00	5312	106.70	108	127.90	543	135.00	495
93.05	7086	107.00	341	128.10	189	135.30	141
94.05	22408	110.85	517	128.80	243	135.90	172
95.10	150512	112.90	244	129.30	165	136.85	271
96.05	11562	113.10	114	129.95	587	137.10	199

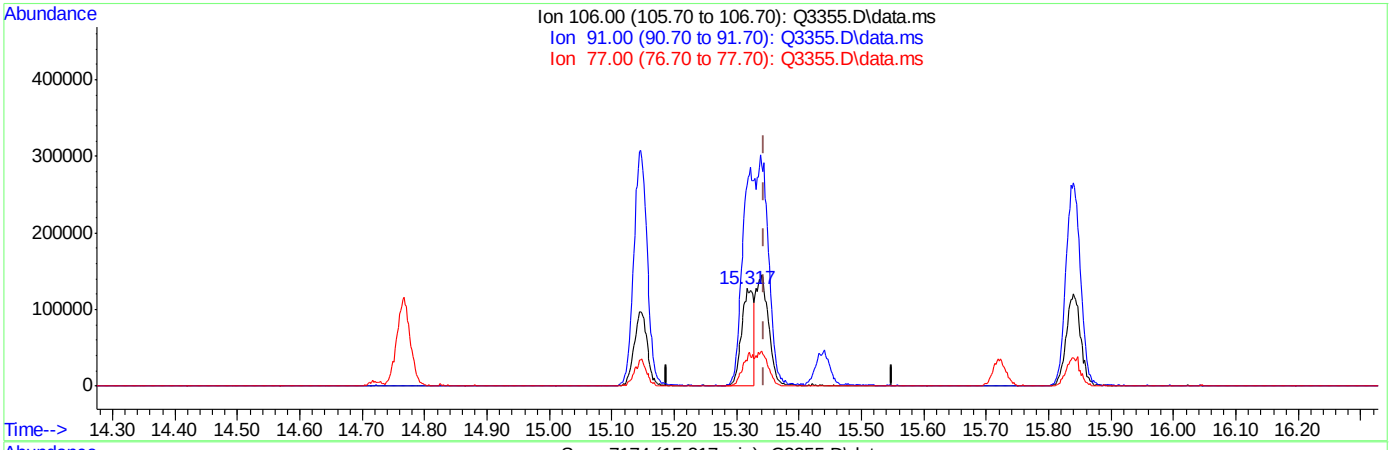
Average of 16.338 to 16.343 min.: Q3355.D\data.ms
CC180-10 (M148)

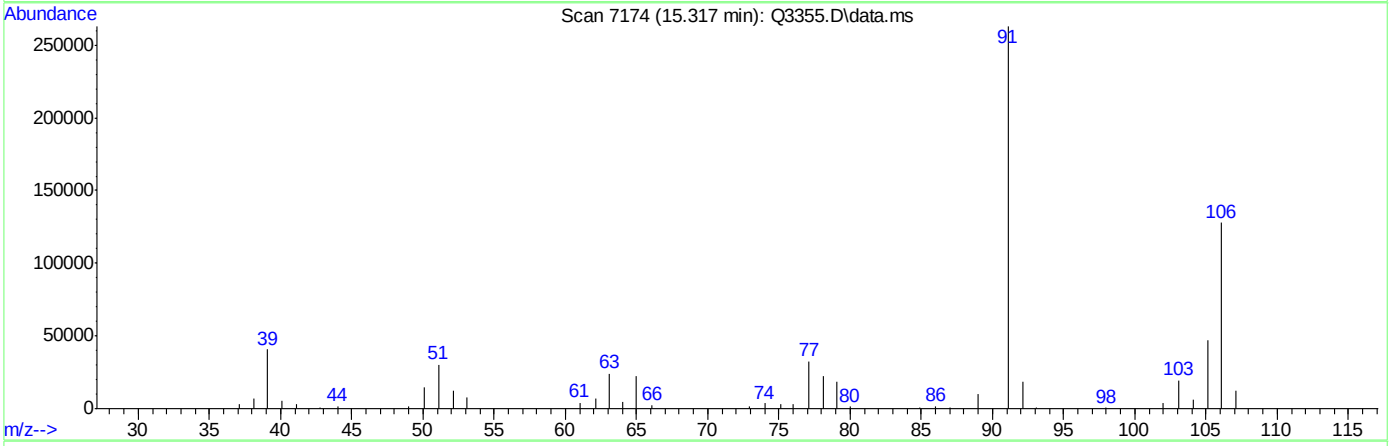
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
140.90	3003	170.30	160				
141.90	191	171.70	256				
142.90	2916	172.20	454				
144.70	165	172.50	176				
148.00	516	172.80	529				
154.90	296	173.95	106430				
156.00	169	174.95	6766				
157.80	100	176.00	103986				
158.80	260	176.95	6023				
159.10	176						
166.10	103						

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3355.D
Acq On : 7 May 2007 11:02 am
Operator : PhilipB
Sample : CC180-10 (M148)
Misc : MS13508,MSQ182,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 07 11:31:27 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 15:09:53 2007
Response via : Initial Calibration





TIC: Q3355.D\data.ms

(56) m,p-XYLENE (m)

15.317min (-0.026) 9.61PPBV

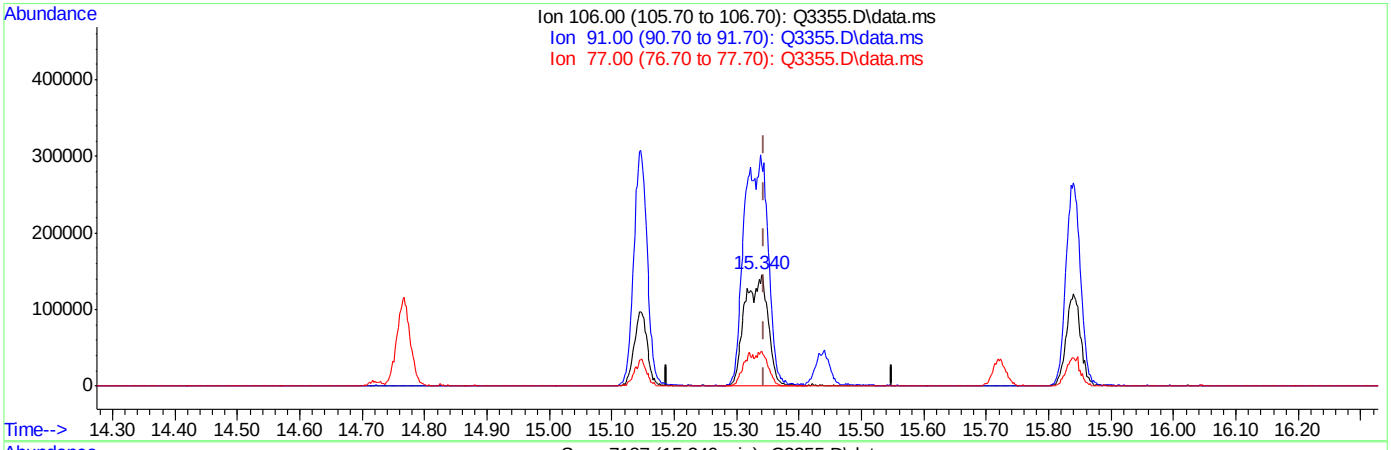
response 172848

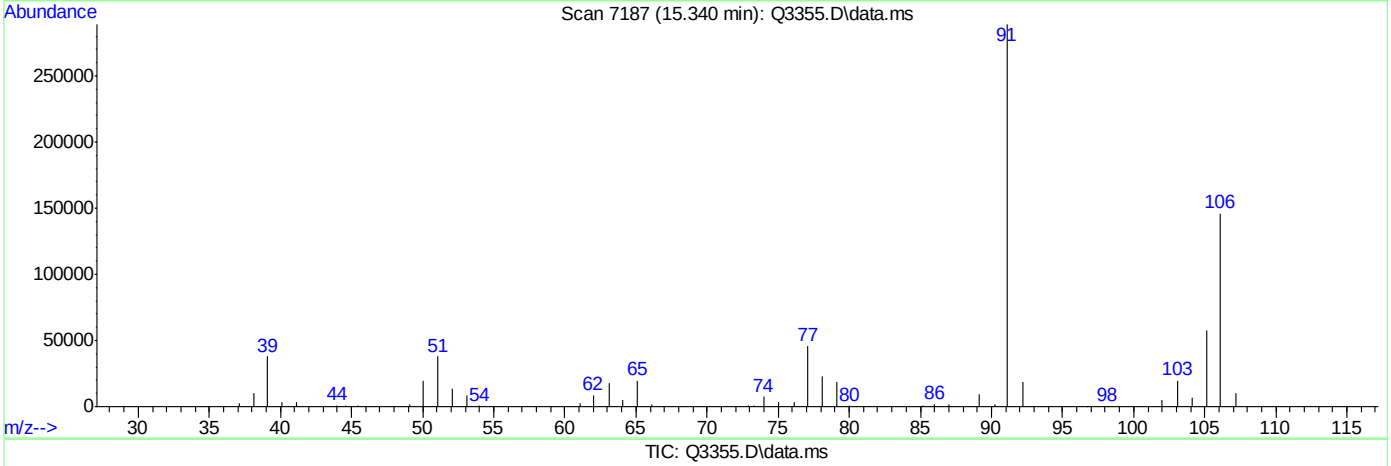
Ion	Exp%	Act%
106.00	100	100
91.00	212.80	205.97
77.00	31.20	25.37
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3355.D
Acq On : 7 May 2007 11:02 am
Operator : PhilipB
Sample : CC180-10 (M148)
Misc : MS13508,MSQ182,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 07 11:31:27 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 15:09:53 2007
Response via : Initial Calibration





TIC: Q3355.D\data.ms

(56) m,p-XYLENE (m)

15.340min (-0.003) 21.07PPBV m

response 379023

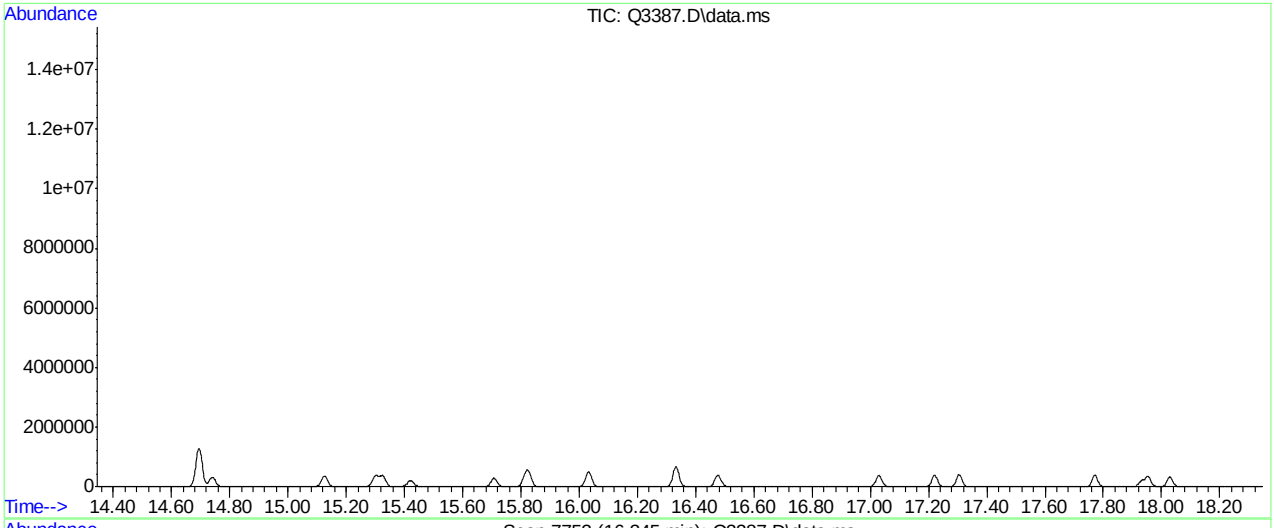
Ion	Exp%	Act%
106.00	100	100
91.00	212.80	197.81
77.00	31.20	31.39
0.00	0.00	0.00

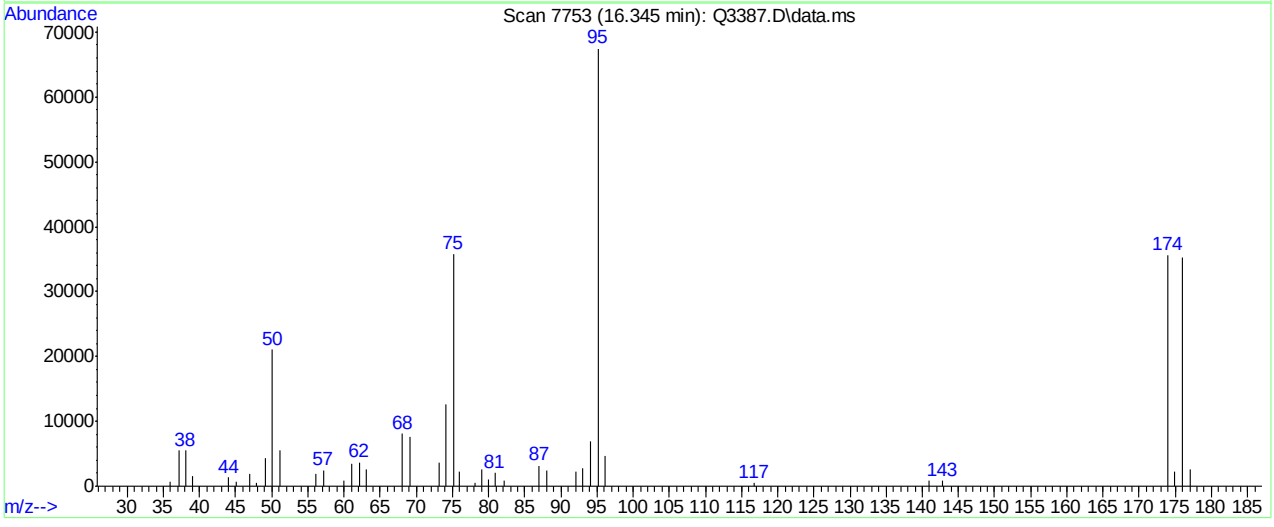
BFB

Data File : C:\msdchem\1\DATA\Q3387.D
Acq On : 15 May 2007 5:12 pm
Sample : IC185-2 (M060)
Misc : MS13535,MSQ185,,,,,1
MS Integration Params: LSCINT.P

Vial: 1
Operator: PhilipB
Inst : MAMSQ
Multiplr: 1.00

Method : C:\msdchem\1\METHODS\Q051507T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um





Spectrum Information: Scan 7753

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	31.1	21000	PASS
75	95	30	66	53.0	35784	PASS
95	95	100	100	100.0	67472	PASS
96	95	5	9	7.0	4748	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	52.8	35648	PASS
175	174	4	9	6.1	2181	PASS
176	174	93	101	98.8	35216	PASS
177	176	5	9	7.2	2542	PASS

Q3387.D Q051507T.m Wed May 16 11:17:16 2007 RPT1

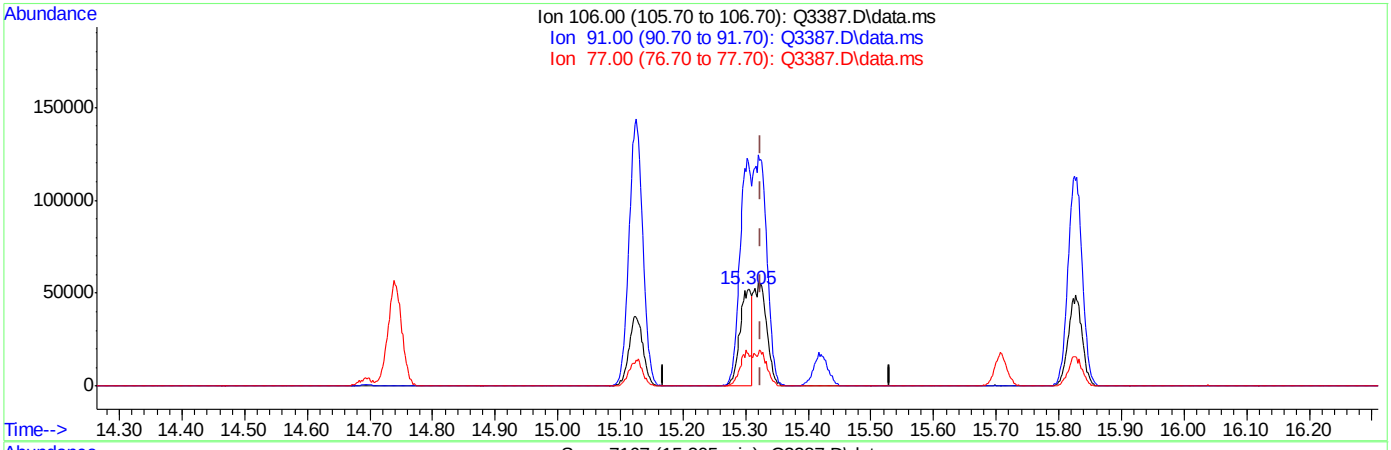
Scan 7753 (16.345 min): Q3387.D\data.ms
IC185-2 (M060)

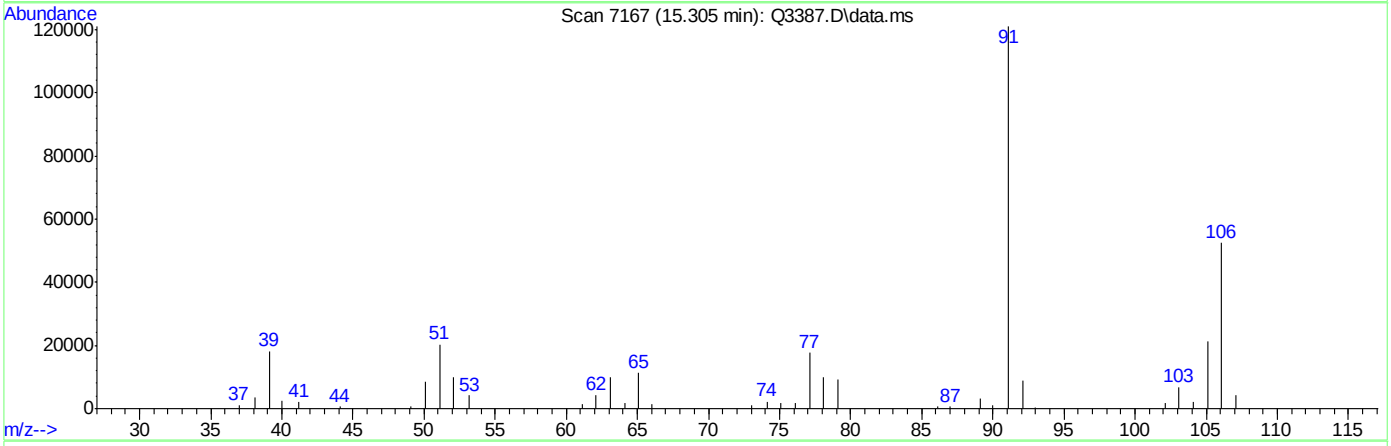
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.90	679	56.10	1861	76.00	2203	95.10	67472
37.10	5460	57.10	2507	78.10	501	96.10	4748
38.10	5524	60.00	840	79.00	2585	116.80	443
39.00	1611	61.10	3484	80.00	993	140.90	811
44.00	1333	62.10	3649	80.90	2020	142.80	846
45.10	721	63.10	2658	82.10	886	174.00	35648
47.00	1983	68.10	8113	87.00	3153	174.90	2181
47.90	593	69.10	7586	88.10	2509	176.00	35216
49.10	4327	73.10	3655	92.10	2174	177.00	2542
50.10	21000	74.10	12601	93.00	2842		
51.10	5609	75.10	35784	94.10	6850		

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3387.D
Acq On : 15 May 2007 5:12 pm
Operator : PhilipB
Sample : IC185-2 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 15 17:38:09 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 16:13:49 2007
Response via : Initial Calibration





TIC: Q3387.D\data.ms

(56) m,p-XYLENE (m)

15.305min (-0.019) 1.61PPBV

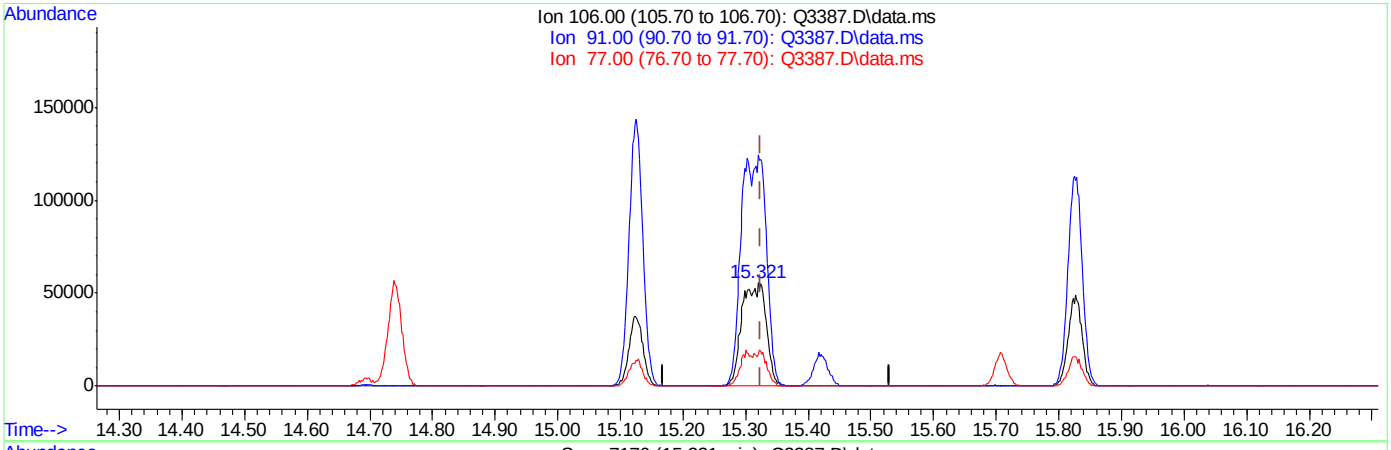
response 69695

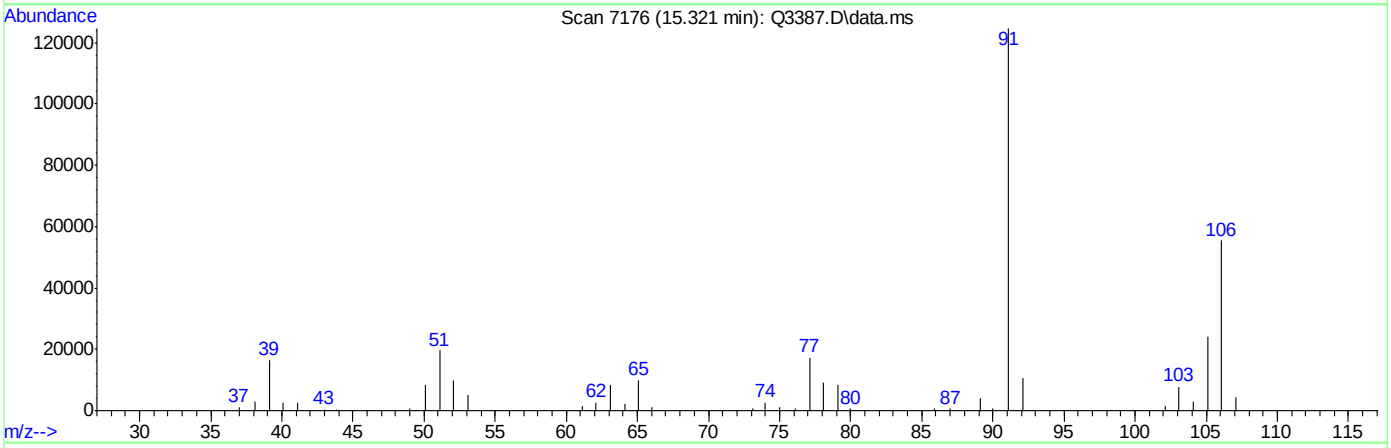
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	231.05
77.00	30.60	33.87
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3387.D
Acq On : 15 May 2007 5:12 pm
Operator : PhilipB
Sample : IC185-2 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 15 17:38:09 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 16:13:49 2007
Response via : Initial Calibration





TIC: Q3387.D\data.ms

(56) m,p-XYLENE (m)

15.321min (-0.004) 3.48PPBV m

response 150900

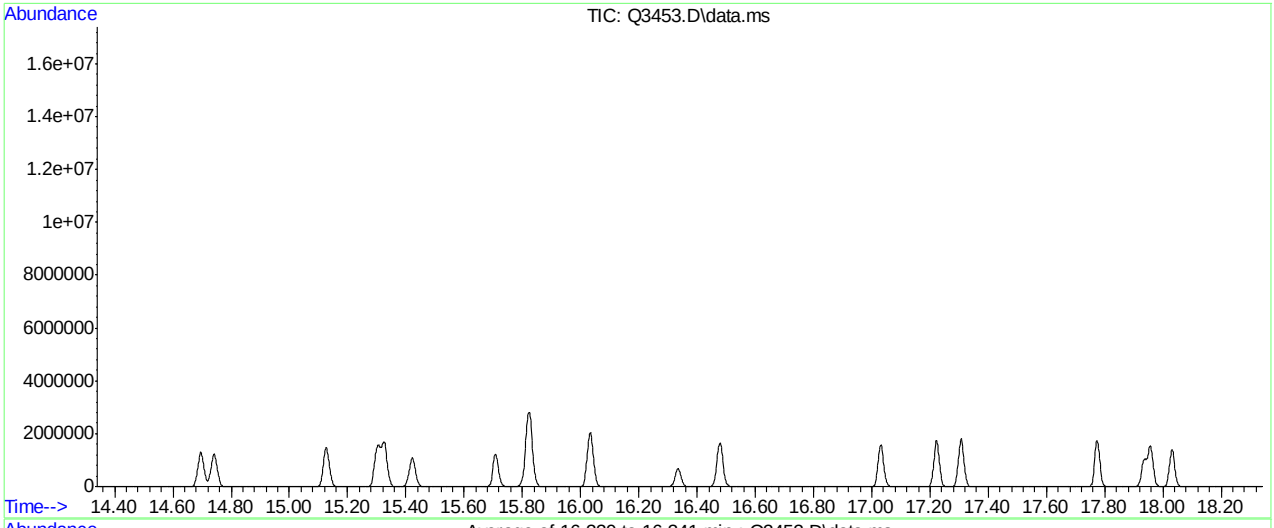
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	224.73
77.00	30.60	31.22
0.00	0.00	0.00

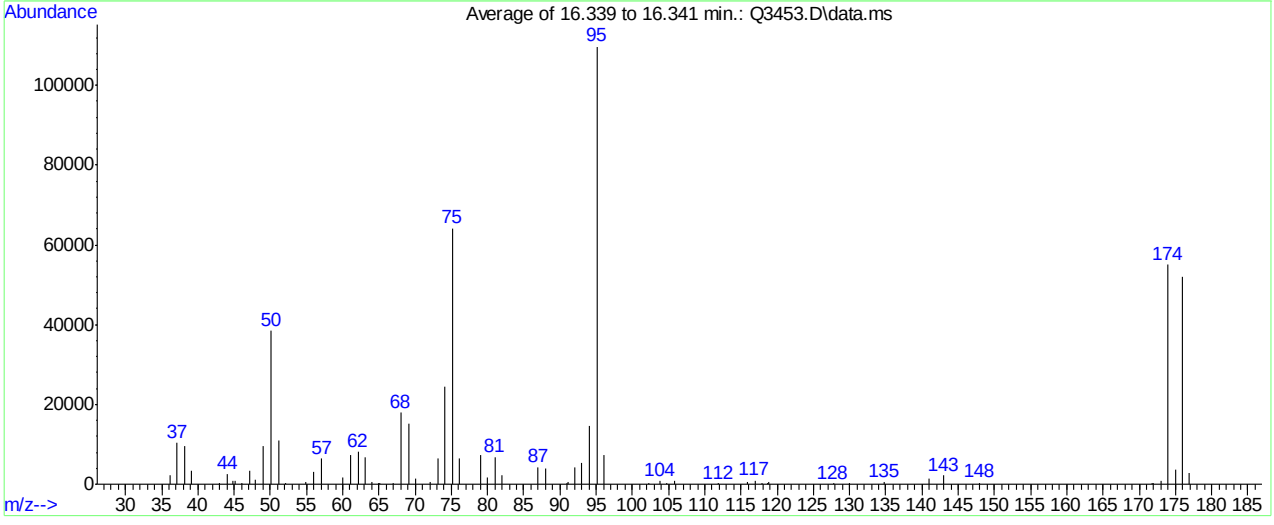
BFB

Data File : C:\msdchem\1\DATA\Q3453.D
Acq On : 18 May 2007 4:25 pm
Sample : CC185-10 (M068)
Misc : MS13593,MSQ188,,,,,1
MS Integration Params: LSCINT.P

Vial: 1
Operator: PhilipB
Inst : MAMSQ
Multiplr: 1.00

Method : C:\msdchem\1\METHODS\Q051507T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um





Spectrum Information: Average of 16.339 to 16.341 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	35.0	38392	PASS
75	95	30	66	58.4	64080	PASS
95	95	100	100	100.0	109740	PASS
96	95	5	9	6.5	7176	PASS
173	174	0.00	2	1.5	813	PASS
174	95	50	120	50.1	54988	PASS
175	174	4	9	6.9	3801	PASS
176	174	93	101	94.5	51940	PASS
177	176	5	9	5.3	2774	PASS

Q3453.D Q051507T.m Mon May 21 09:32:59 2007 RPT1

Average of 16.339 to 16.341 min.: Q3453.D\data.ms
CC185-10 (M068)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.10	2186	49.05	9454	64.10	539	76.10	6411
37.10	10394	50.10	38392	64.90	365	79.00	7456
38.10	9465	51.10	11081	65.10	344	79.95	1756
39.10	3493	52.10	329	67.00	403	81.00	6894
42.90	223	54.90	649	68.05	17860	82.00	2129
44.10	2645	56.05	3022	69.10	15272	87.00	4298
44.90	858	57.10	6379	70.00	1304	88.00	4076
45.10	742	60.00	1728	72.00	635	90.90	394
46.10	227	61.05	7229	73.10	6386	91.10	464
47.10	3517	62.10	8121	74.10	24420	92.00	4171
47.90	1073	63.10	6652	75.10	64080	93.05	5230

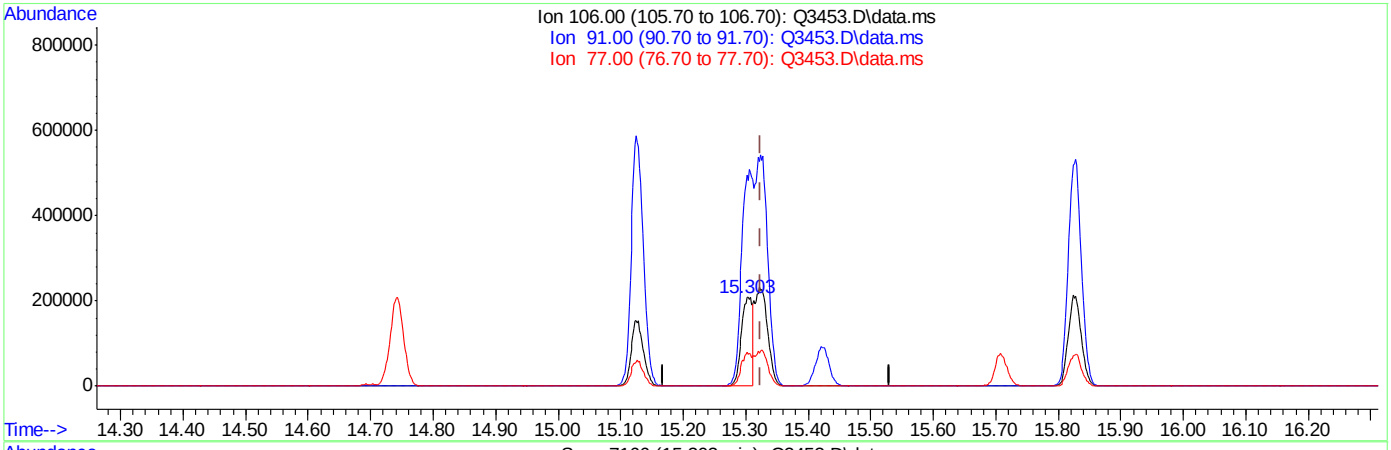
Average of 16.339 to 16.341 min.: Q3453.D\data.ms
CC185-10 (M068)

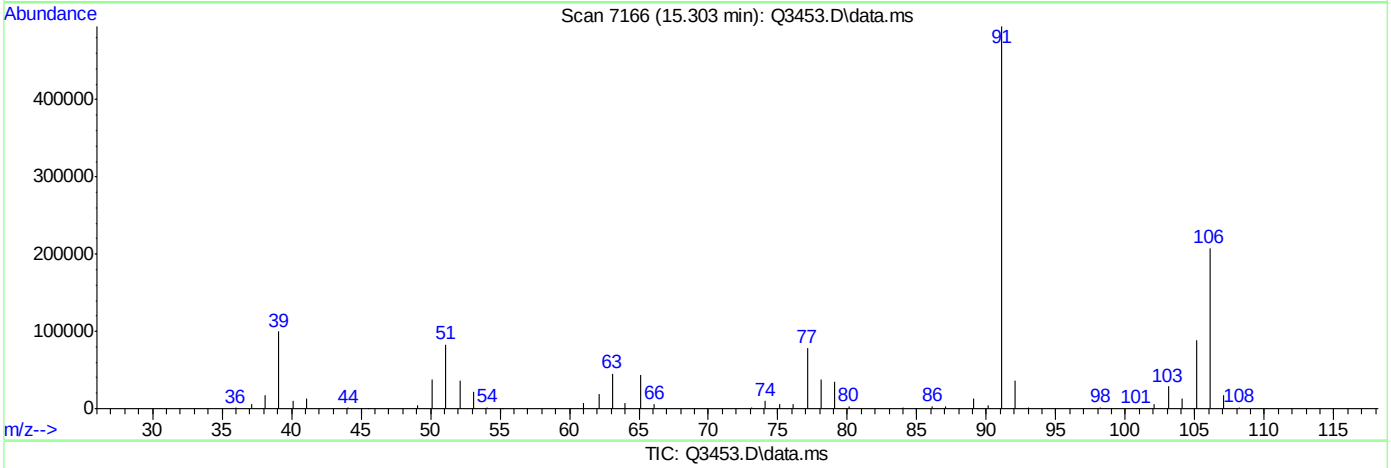
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
94.10	14660	118.70	208	174.00	54988		
95.10	109740	118.90	672	174.95	3801		
96.10	7176	127.80	263	176.00	51940		
102.20	217	129.90	219	176.95	2774		
103.85	841	134.85	435				
104.80	292	140.90	1407				
105.90	743	143.00	2224				
111.90	249	148.00	359				
115.85	524	171.80	218				
116.90	981	172.00	354				
117.90	317	173.05	813				

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3453.D
Acq On : 18 May 2007 4:25 pm
Operator : PhilipB
Sample : CC185-10 (M068)
Misc : MS13593,MSQ188,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 21 09:22:53 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration





TIC: Q3453.D\data.ms

(56) m,p-XYLENE (m)

15.303min (-0.021) 8.50PPBV

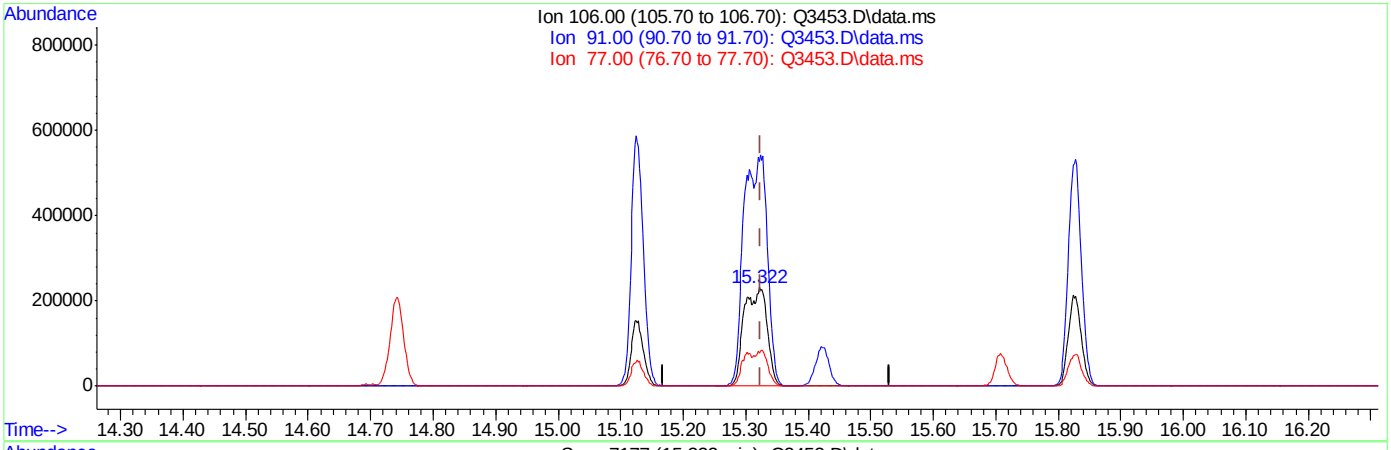
response 262544

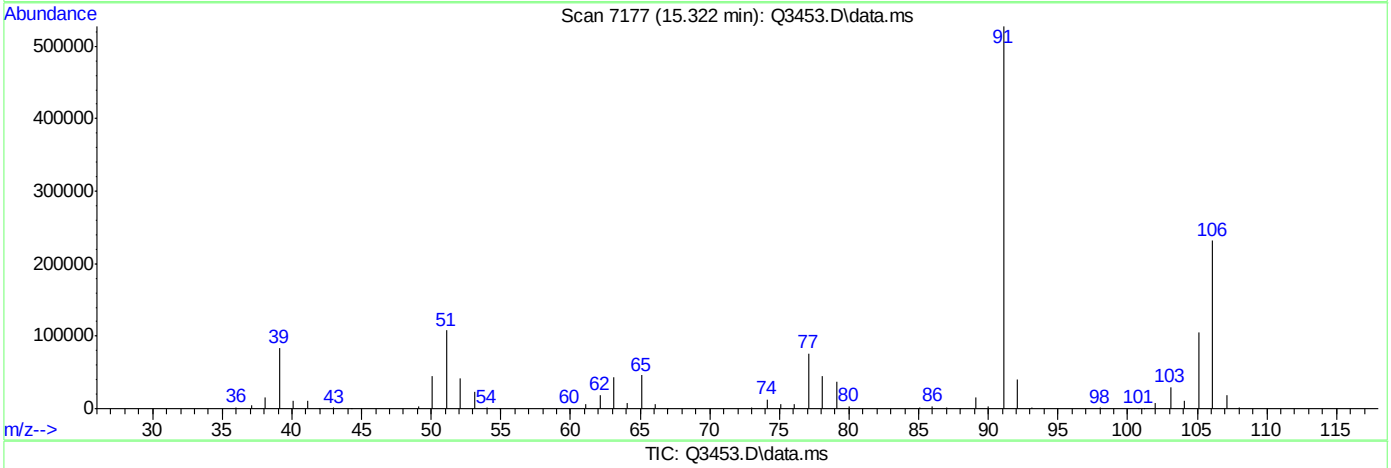
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	237.65
77.00	30.60	37.92#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3453.D
Acq On    : 18 May 2007   4:25 pm
Operator  : PhilipB
Sample    : CC185-10 (M068)
Misc      : MS13593,MSQ188,,,,,1
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: May 21 09:22:53 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration
```



TIC: Q3453.D\data.ms

(56) m,p-XYLENE (m)

15.322min (-0.002) 19.18PPBV m

response 592712

Ion	Exp%	Act%
106.00	100	100
91.00	204.20	227.75
77.00	30.60	32.92
0.00	0.00	0.00

ACCUTEST Laboratories M64901

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
05/21/07 17:26

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3333.D
Acq On : 3 May 2007 5:52 pm
Operator : PhilipB
Sample : IC180-40 (M105)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 04 14:41:05 2007
Quant Method : C:\msdchem\1\METHODS\Q042607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu May 03 16:43:37 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) BROMOCHLOROMETHANE	8.646	128	162299	10.00	PPBV		0.00
35) 1,4-DIFLUOROBENZENE	10.479	114	778867	10.00	PPBV		0.00
49) CHLOROBENZENE-D5	14.723	117	670528	10.00	PPBV		0.00
System Monitoring Compounds							
61) 4-BROMOFLUOROBENZENE	16.345	95	310658	6.05	PPBV		0.00
Spiked Amount 5.000	Range 57 - 139		Recovery = 121.00%				
Target Compounds							Qvalue
2) DICHLORODIFLUOROMETHANE	4.040	85	2599553	40.21	PPBV		96
3) PROPYLENE	3.966	41	472042	36.34	PPBV		97
4) FREON 114	4.308	85	2302064	40.76	PPBV		97
5) CHLOROMETHANE	4.202	50	550836	38.99	PPBV		100
6) VINYL CHLORIDE	4.427	62	611372	41.29	PPBV		97
7) 1,3-BUTADIENE	4.564	39	661650	43.87	PPBV	#	77
8) BROMOMETHANE	4.844	94	692288	41.42	PPBV		98
9) CHLOROETHANE	5.016	64	267190	46.79	PPBV		87
10) TRICHLOROFLUOROMETHANE	5.803	101	3477492	44.74	PPBV		99
11) ISOPROPYL ALCOHOL	5.838	45	1252834	43.64	PPBV		94
12) ACETONE	5.602	43	1213931	43.39	PPBV		86
13) PENTANE	6.158	42	729580	42.64	PPBV		92
14) 1,1-DICHLOROETHYLENE	6.442	96	707732	48.11	PPBV	#	73
15) CARBON DISULFIDE	6.869	76	1975772	44.12	PPBV		83
16) ETHANOL	5.105	45	189116	39.07	PPBV		93
17) BROMOETHENE	5.382	106	722204	45.27	PPBV	#	93
18) METHYLENE CHLORIDE	6.552	84	706349	44.70	PPBV		67
19) 3-CHLOROPROPENE	6.672	39	979677	54.63	PPBV	#	79
20) FREON 113	6.814	151	1695333	57.34	PPBV		99
21) TRANS-1,2-DICHLOROETHY...	7.482	96	610406	46.89	PPBV	#	79
22) TERTIARY BUTYL ALCOHOL	6.440	59	1551707	52.73	PPBV		87
23) METHYL TERTIARY BUTYL ...	7.719	73	1414107	50.80	PPBV		82
24) TETRAHYDROFURAN	9.145	42	624340	52.88	PPBV		86
25) HEXANE	8.683	57	920942	52.00	PPBV	#	81
26) VINYL ACETATE	7.803	43	1503386	56.12	PPBV		93
27) 1,1-DICHLOROETHANE	7.679	63	1206160	51.94	PPBV		99
28) METHYL ETHYL KETONE	8.042	43	1248802	50.59	PPBV		92
29) cis-1,2-DICHLOROETHYLENE	8.486	96	621811	52.86	PPBV		97
30) ETHYL ACETATE	8.678	43	2252020	55.30	PPBV		98
31) CHLOROFORM	8.768	83	1833908	55.87	PPBV		95
32) 1,1,1-TRICHLOROETHANE	9.723	97	2054681	59.20	PPBV		98
33) CARBON TETRACHLORIDE	10.305	117	2548077	58.80	PPBV		95
34) 1,2-DICHLOROETHANE	9.480	62	1153039	57.97	PPBV		99
36) BENZENE	10.167	78	1673485	49.23	PPBV		97
37) CYCLOHEXANE	10.433	84	654147	44.14	PPBV		95
38) TRICHLOROETHYLENE	11.163	95	1112291	58.01	PPBV		95
39) 1,2-DICHLOROPROPANE	10.941	63	618161	50.21	PPBV		93
40) BROMODICHLOROMETHANE	11.125	83	1932605	57.68	PPBV		98
41) 2,2,4-TRIMETHYLPENTANE	11.187	57	3115507	53.73	PPBV		99
42) 1,4-DIOXANE	11.145	88	327898	51.47	PPBV	#	79
43) HEPTANE	11.425	43	1290035	57.34	PPBV		86

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3333.D
Acq On : 3 May 2007 5:52 pm
Operator : PhilipB
Sample : IC180-40 (M105)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 04 14:41:05 2007
Quant Method : C:\msdchem\1\METHODS\Q042607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu May 03 16:43:37 2007
Response via : Initial Calibration

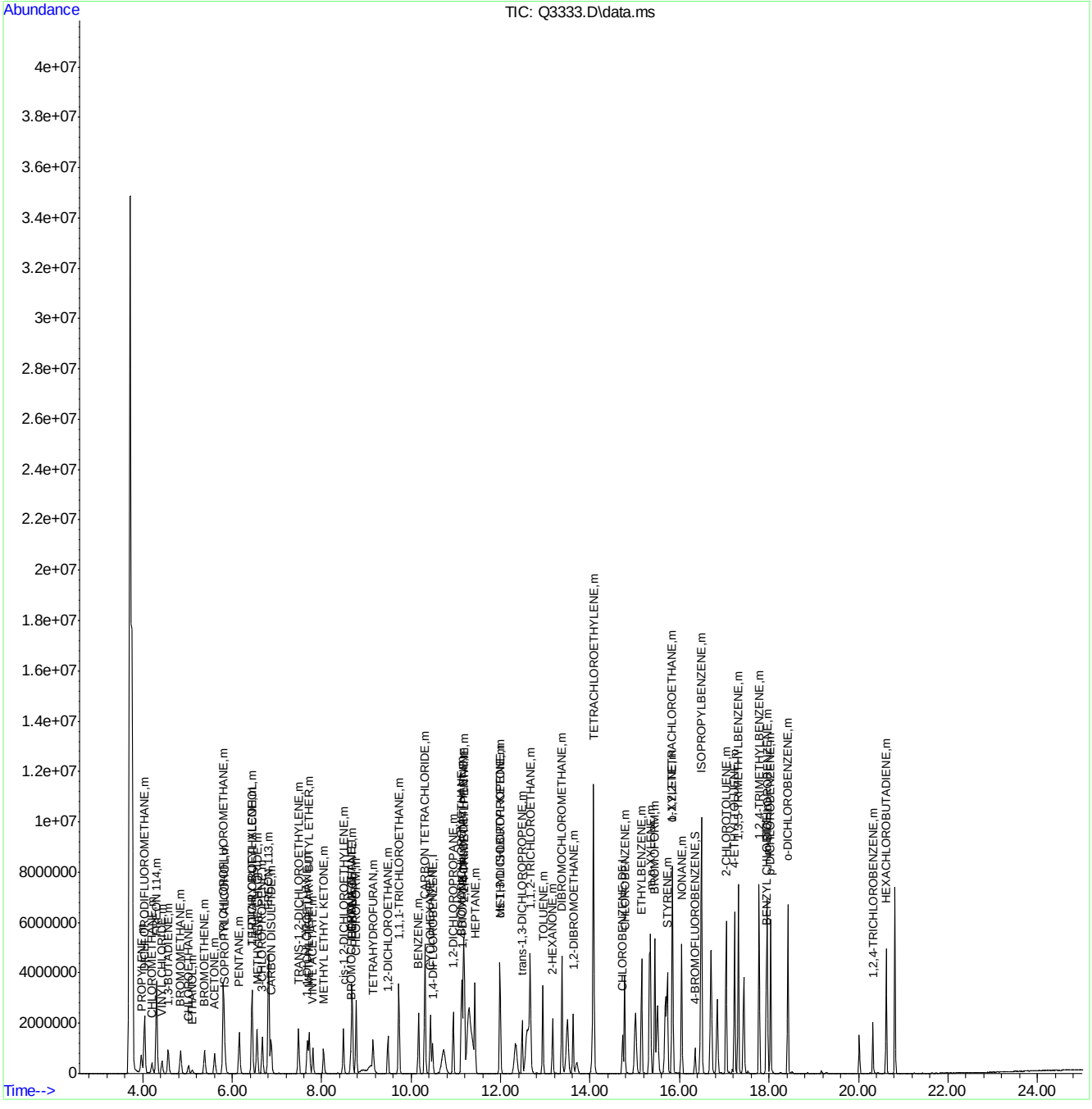
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.993	43	1716235	56.27	PPBV	90
45) cis-1,3-DICHLOROPROPENE	11.981	75	1098481	58.46	PPBV #	72
46) TOLUENE	12.943	92	1183957	54.01	PPBV	98
47) trans-1,3-DICHLOROPROPENE	12.479	75	918672	63.77	PPBV	85
48) 1,1,2-TRICHLOROETHANE	12.660	83	2432564	190.31	PPBV #	58
50) 2-HEXANONE	13.164	43	1509058	59.98	PPBV	89
51) TETRACHLOROETHYLENE	14.077	164	1399793	80.97	PPBV	95
52) DIBROMOCHLOROMETHANE	13.370	129	2049712	61.99	PPBV	98
53) 1,2-DIBROMOETHANE	13.621	107	1327062	54.54	PPBV	97
54) CHLOROBENZENE	14.771	112	1637392	50.16	PPBV	97
55) ETHYLBENZENE	15.152	91	2910996	56.70	PPBV	99
56) m,p-XYLENE	15.347	106	2243323	109.15	PPBV	98
57) o-XYLENE	15.846	106	1160876	57.44	PPBV	98
58) STYRENE	15.725	104	1528125	61.89	PPBV	92
59) NONANE	16.047	43	1895855	57.80	PPBV	92
60) BROMOFORM	15.445	173	2082741	74.36	PPBV	98
62) 1,1,2,2-TETRACHLOROETHANE	15.835	83	1877868	55.72	PPBV	99
63) ISOPROPYLBENZENE	16.490	105	7045665	118.03	PPBV	89
64) 2-CHLOROTOLUENE	17.039	91	2895515	67.06	PPBV	97
65) 4-ETHYLTOLUENE	17.227	105	3367318	68.94	PPBV	98
66) 1,3,5-TRIMETHYLBENZENE	17.312	105	3440904	68.90	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.779	105	3444170	73.57	PPBV	99
68) m-DICHLOROBENZENE	17.962	146	2148310	74.45	PPBV	99
69) BENZYL CHLORIDE	17.937	91	2156829	82.89	PPBV	100
70) p-DICHLOROBENZENE	18.034	146	1933473	74.39	PPBV	99
71) o-DICHLOROBENZENE	18.421	146	2096558	74.16	PPBV	99
72) HEXACHLOROBUTADIENE	20.620	225	644343m	47.68	PPBV	
73) 1,2,4-TRICHLOROBENZENE	20.322	180	426942	58.23	PPBV	97

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3333.D
Acq On : 3 May 2007 5:52 pm
Operator : PhilipB
Sample : IC180-40 (M105)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 1 Sample Multiplier: 1

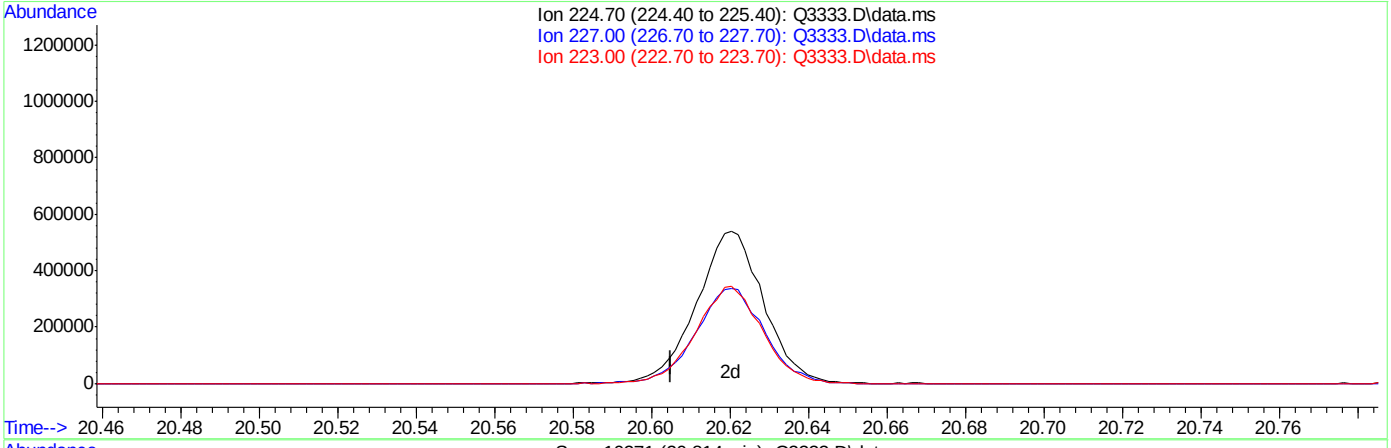
Quant Time: May 04 14:41:05 2007
Quant Method : C:\msdchem\1\METHODS\Q042607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu May 03 16:43:37 2007
Response via : Initial Calibration

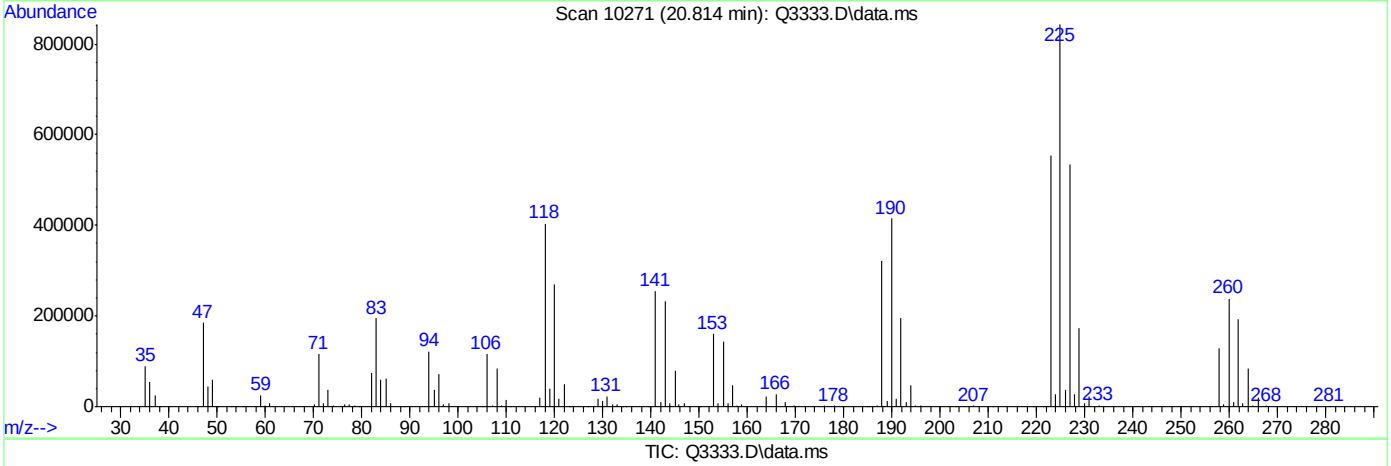


Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3333.D
Acq On    :  3 May 2007   5:52 pm
Operator  : PhilipB
Sample    : IC180-40 (M105)
Misc      : MS13469,MSQ180,,,,,1
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: May 04 09:22:57 2007
Quant Method : C:\msdchem\1\METHODS\Q042607T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu May 03 16:43:37 2007
Response via : Initial Calibration
```



(72) HEXACHLOROBUTADIENE (m)

20.814min (+0.003) 66.65PPBV

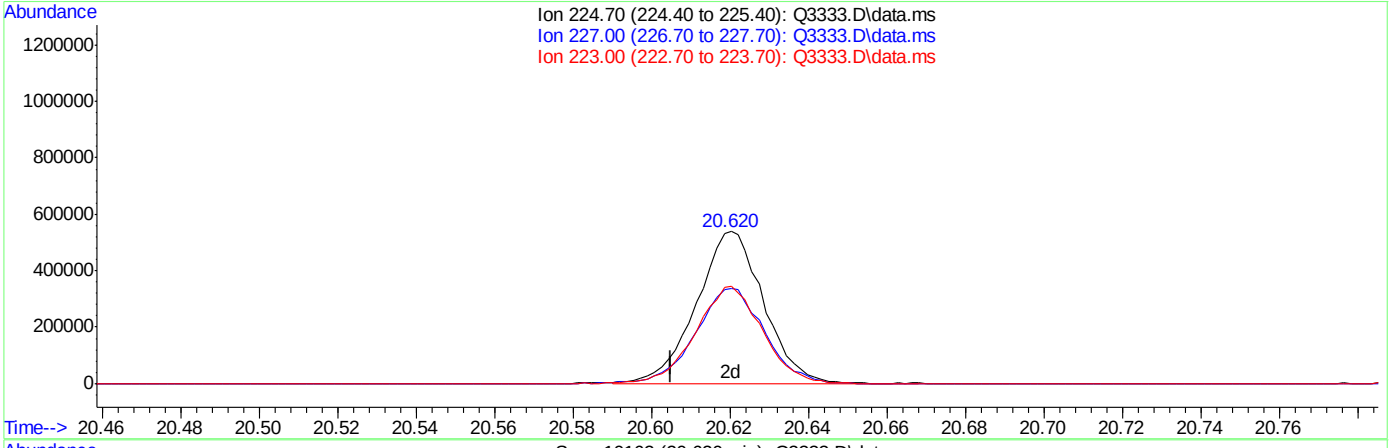
response 900765

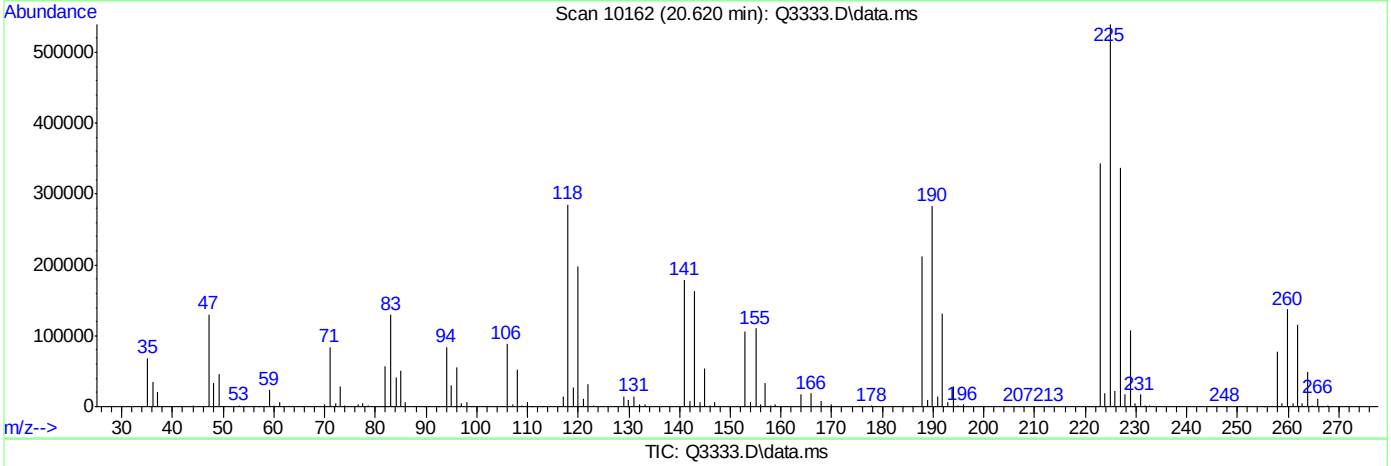
Ion	Exp%	Act%
224.70	100	100
227.00	64.20	64.88
223.00	62.30	64.16
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3333.D
Acq On : 3 May 2007 5:52 pm
Operator : PhilipB
Sample : IC180-40 (M105)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 04 09:22:57 2007
Quant Method : C:\msdchem\1\METHODS\Q042607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu May 03 16:43:37 2007
Response via : Initial Calibration





(72) HEXACHLOROBUTADIENE (m)

20.620min (-0.191) 47.47PPBV m

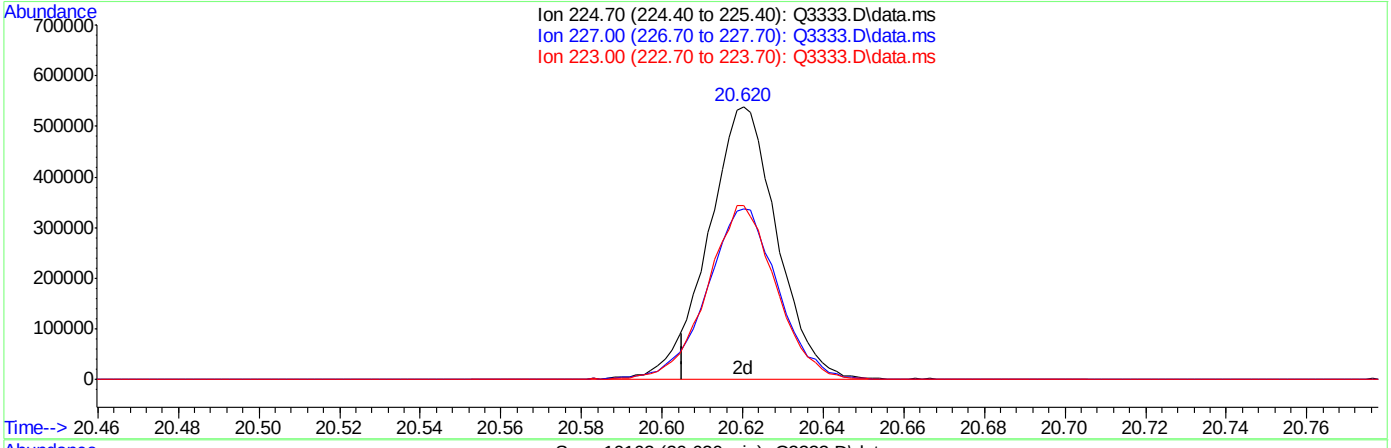
response 641593

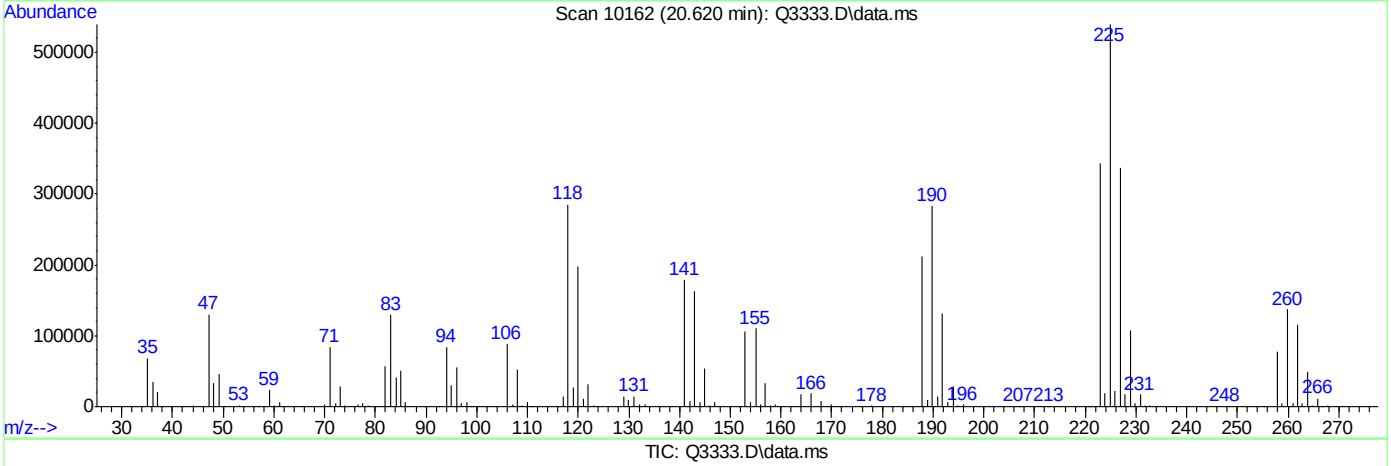
Ion	Exp%	Act%
224.70	100	100
227.00	64.20	91.10#
223.00	62.30	90.08#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3333.D
Acq On : 3 May 2007 5:52 pm
Operator : PhilipB
Sample : IC180-40 (M105)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 04 14:39:50 2007
Quant Method : C:\msdchem\1\METHODS\Q042607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu May 03 16:43:37 2007
Response via : Initial Calibration





(72) HEXACHLOROBUTADIENE (m)

20.620min (-0.191) 47.68PPBV m

response 644343

Ion	Exp%	Act%
224.70	100	100
227.00	64.20	90.71#
223.00	62.30	89.69#
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
05/21/07 17:26

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3334.D
Acq On : 4 May 2007 9:46 am
Operator : PhilipB
Sample : IC180-20 (M105)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 04 10:10:02 2007
Quant Method : C:\msdchem\1\METHODS\Q042607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 09:23:19 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.644	128	162679	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.474	114	808573	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.719	117	666530	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.343	95	272645	5.26	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 105.20%

Target Compounds							Qvalue
2) DICHLORODIFLUOROMETHANE	4.049	85	1759841	26.25	PPBV		98
3) PROPYLENE	3.971	41	309989	23.18	PPBV		87
4) FREON 114	4.312	85	1400066	23.87	PPBV		90
5) CHLOROMETHANE	4.209	50	323413	22.33	PPBV		98
6) VINYL CHLORIDE	4.431	62	353407	23.10	PPBV		99
7) 1,3-BUTADIENE	4.573	39	361258	23.06	PPBV	#	77
8) BROMOMETHANE	4.850	94	392229	22.76	PPBV		100
9) CHLOROETHANE	5.022	64	134352	22.80	PPBV		85
10) TRICHLOROFLUOROMETHANE	5.804	101	1597283	19.64	PPBV		99
11) ISOPROPYL ALCOHOL	5.835	45	484739	16.07	PPBV		96
12) ACETONE	5.607	43	531629	17.98	PPBV		86
13) PENTANE	6.163	42	285807	16.01	PPBV		88
14) 1,1-DICHLOROETHYLENE	6.441	96	283081	18.45	PPBV	#	64
15) CARBON DISULFIDE	6.873	76	797700	16.93	PPBV		80
16) ETHANOL	5.105	45	88279	17.65	PPBV		94
17) BROMOETHENE	5.382	106	353130	21.30	PPBV	#	93
18) METHYLENE CHLORIDE	6.552	84	514911	30.72	PPBV		68
19) 3-CHLOROPROPENE	6.674	39	393926	20.36	PPBV	#	77
20) FREON 113	6.818	151	690602	21.23	PPBV		97
21) TRANS-1,2-DICHLOROETHY...	7.481	96	258705	19.11	PPBV	#	80
22) TERTIARY BUTYL ALCOHOL	6.434	59	561587	16.54	PPBV		88
23) METHYL TERTIARY BUTYL ...	7.719	73	590018	20.11	PPBV		84
24) TETRAHYDROFURAN	9.148	42	254682	20.34	PPBV		88
25) HEXANE	8.679	57	450777	23.99	PPBV	#	84
26) VINYL ACETATE	7.797	43	619304	21.70	PPBV		94
27) 1,1-DICHLOROETHANE	7.682	63	506030	20.91	PPBV		99
28) METHYL ETHYL KETONE	8.037	43	518023	19.93	PPBV		91
29) cis-1,2-DICHLOROETHYLENE	8.486	96	251990	20.50	PPBV		95
30) ETHYL ACETATE	8.671	43	935250	21.52	PPBV		98
31) CHLOROFORM	8.765	83	733133	21.32	PPBV		95
32) 1,1,1-TRICHLOROETHANE	9.725	97	801482	22.02	PPBV		97
33) CARBON TETRACHLORIDE	10.305	117	961451	21.18	PPBV		95
34) 1,2-DICHLOROETHANE	9.476	62	467805	22.30	PPBV		99
36) BENZENE	10.161	78	679545	18.54	PPBV		98
37) CYCLOHEXANE	10.428	84	291914	18.49	PPBV		99
38) TRICHLOROETHYLENE	11.159	95	399316	19.23	PPBV		94
39) 1,2-DICHLOROPROPANE	10.935	63	233210	17.33	PPBV		93
40) BROMODICHLOROMETHANE	11.120	83	689027	18.90	PPBV		99
41) 2,2,4-TRIMETHYLPENTANE	11.182	57	1203227	19.15	PPBV		98
42) 1,4-DIOXANE	11.138	88	124727	18.09	PPBV	#	78
43) HEPTANE	11.420	43	492817	20.06	PPBV		88

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3334.D
Acq On : 4 May 2007 9:46 am
Operator : PhilipB
Sample : IC180-20 (M105)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 04 10:10:02 2007
Quant Method : C:\msdchem\1\METHODS\Q042607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 09:23:19 2007
Response via : Initial Calibration

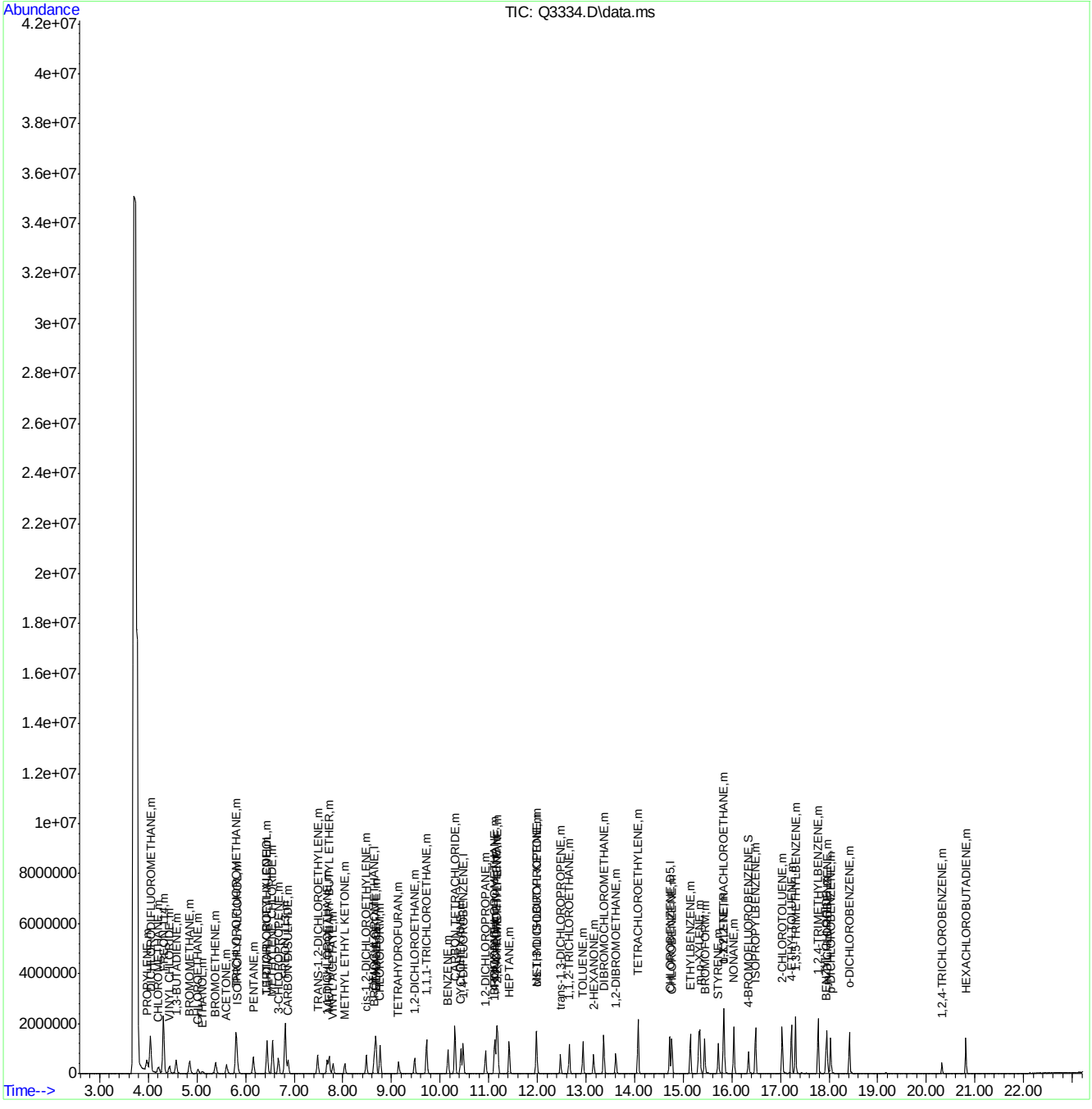
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.986	43	660698	19.96	PPBV	91
45) cis-1,3-DICHLOROPROPENE	11.975	75	399267	19.30	PPBV #	73
46) TOLUENE	12.937	92	452462	18.81	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.474	75	306928	18.99	PPBV	84
48) 1,1,2-TRICHLOROETHANE	12.659	83	259580	12.73	PPBV	99
50) 2-HEXANONE	13.154	43	519097	19.51	PPBV	91
51) TETRACHLOROETHYLENE	14.071	164	333585	17.43	PPBV #	86
52) DIBROMOCHLOROMETHANE	13.367	129	701064	19.97	PPBV	99
53) 1,2-DIBROMOETHANE	13.615	107	467370	18.14	PPBV	99
54) CHLOROBENZENE	14.765	112	618254	18.13	PPBV	99
55) ETHYLBENZENE	15.145	91	1005168	18.52	PPBV	98
56) m,p-XYLENE	15.344	106	749647m	34.66	PPBV	
57) o-XYLENE	15.841	106	369317	17.15	PPBV	97
58) STYRENE	15.720	104	487120	18.45	PPBV	97
59) NONANE	16.041	43	678049	19.52	PPBV	91
60) BROMOFORM	15.440	173	542122	17.77	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.830	83	623427	17.61	PPBV	98
63) ISOPROPYLBENZENE	16.488	105	1099457	13.97	PPBV	97
64) 2-CHLOROTOLUENE	17.035	91	915681	19.31	PPBV	96
65) 4-ETHYLTOLUENE	17.225	105	1037856	19.32	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.310	105	1055972	19.22	PPBV	97
67) 1,2,4-TRIMETHYLBENZENE	17.775	105	978695	18.69	PPBV	99
68) m-DICHLOROBENZENE	17.956	146	512171	15.68	PPBV	96
69) BENZYL CHLORIDE	17.935	91	540576	18.14	PPBV	99
70) p-DICHLOROBENZENE	18.031	146	453413	15.39	PPBV	96
71) o-DICHLOROBENZENE	18.419	146	490239	15.10	PPBV	98
72) HEXACHLOROBUTADIENE	20.814	225	145141	8.81	PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.322	180	83836	9.75	PPBV	96

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3334.D
Acq On : 4 May 2007 9:46 am
Operator : PhilipB
Sample : IC180-20 (M105)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 1 Sample Multiplier: 1

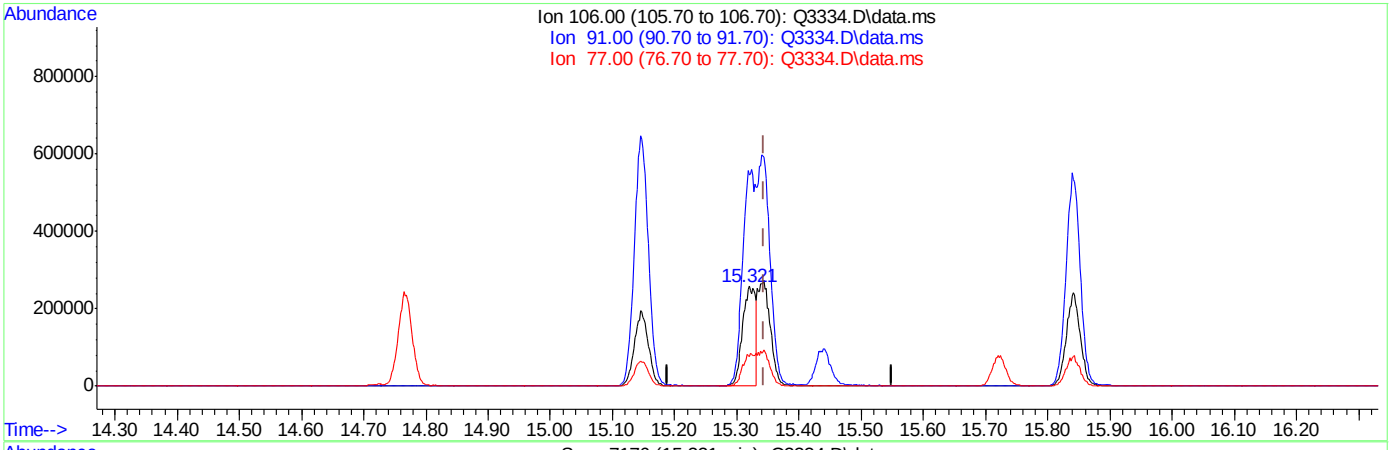
Quant Time: May 04 10:10:02 2007
Quant Method : C:\msdchem\1\METHODS\Q042607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 09:23:19 2007
Response via : Initial Calibration

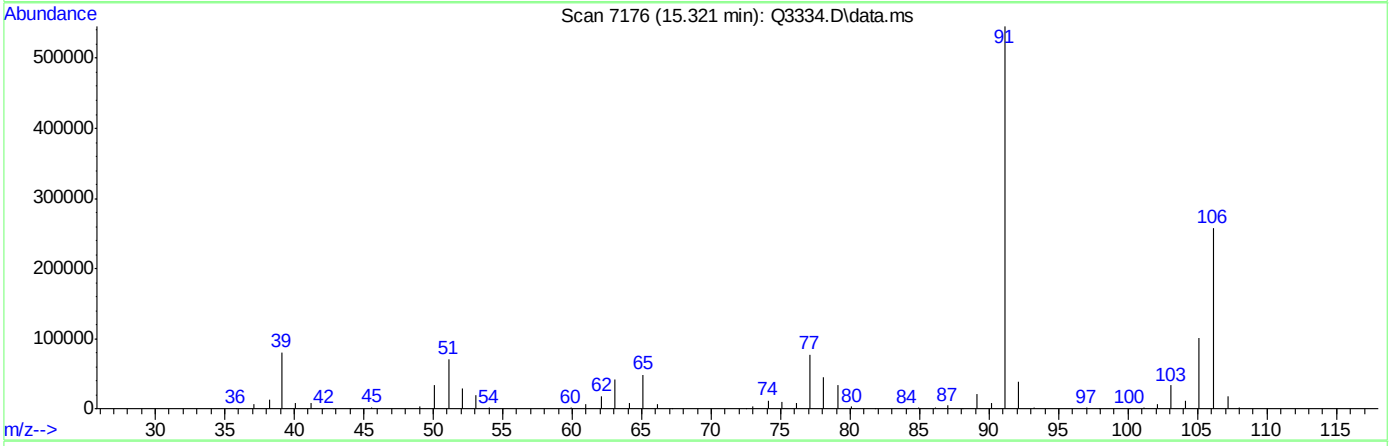


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3334.D
Acq On : 4 May 2007 9:46 am
Operator : PhilipB
Sample : IC180-20 (M105)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 04 10:09:37 2007
Quant Method : C:\msdchem\1\METHODS\Q042607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 09:23:19 2007
Response via : Initial Calibration





TIC: Q3334.D\data.ms

(56) m,p-XYLENE (m)

15.321min (-0.023) 17.14PPBV

response 370677

Ion	Exp%	Act%
106.00	100	100
91.00	212.80	211.30
77.00	31.20	29.96
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data Path : C:\msdchem\1\DATA\
Data File : Q3334.D
Acq On    :  4 May 2007   9:46 am
Operator  : PhilipB
Sample    : IC180-20 (M105)
Misc      : MS13469,MSQ180,,,,,1
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: May 04 10:09:37 2007
Quant Method : C:\msdchem\1\METHODS\Q042607T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 09:23:19 2007
Response via : Initial Calibration
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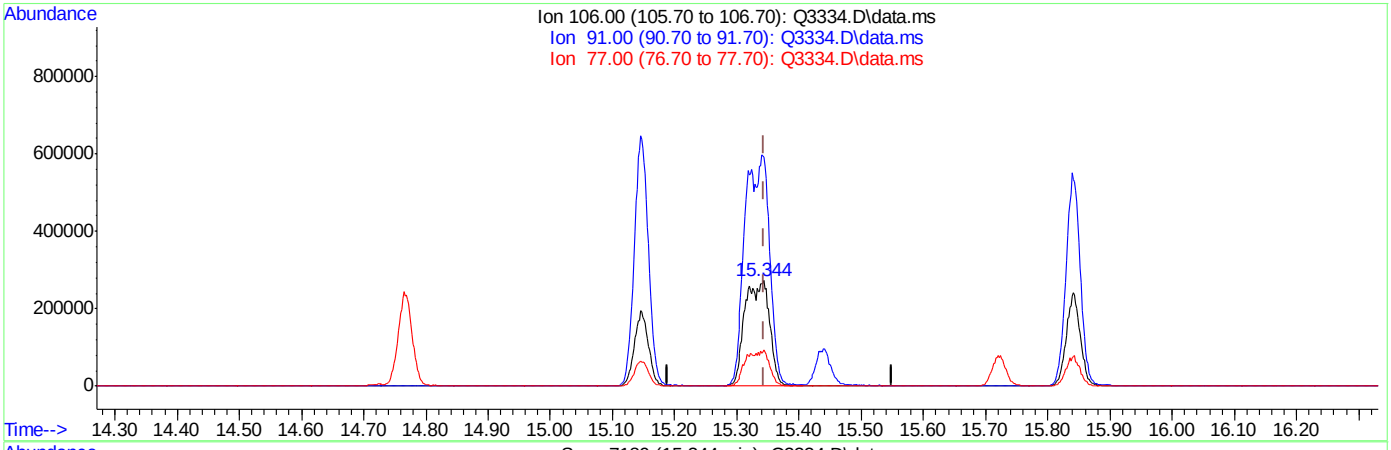
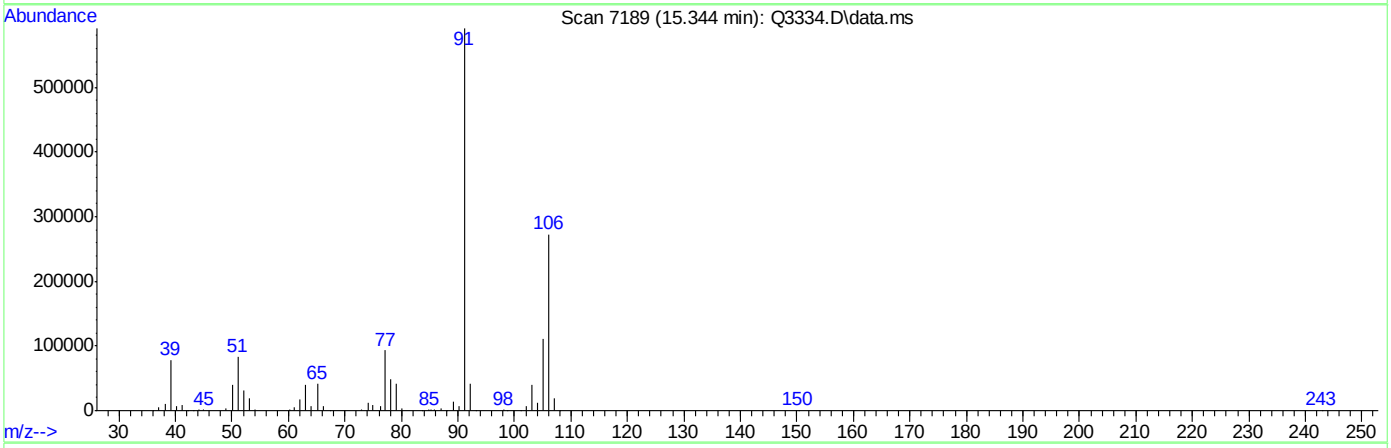




(56) m,p-XYLENE (m)

15.344min (0.000) 34.66PPBV m

response 749647

Ion	Exp%	Act%
106.00	100	100
91.00	212.80	216.78
77.00	31.20	34.28
0.00	0.00	0.00

ACCUTEST Laboratories M64901

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
05/21/07 17:26

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3335.D
Acq On : 4 May 2007 10:27 am
Operator : PhilipB
Sample : ICC180-10 (M105)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 04 10:50:12 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 10:13:47 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.641	128	171906	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.474	114	752712	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.721	117	644263	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.343	95	249280	4.44	PPBV	0.00
Spiked Amount 5.000	Range 57 - 139		Recovery = 88.80%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.039	85	644779	7.97	PPBV	97
3) PROPYLENE	3.969	41	113218	7.84	PPBV	83
4) FREON 114	4.303	85	593340	8.79	PPBV	99
5) CHLOROMETHANE	4.205	50	154295	9.74	PPBV	94
6) VINYL CHLORIDE	4.426	62	162242	9.31	PPBV	97
7) 1,3-BUTADIENE	4.562	39	170608	9.32	PPBV #	77
8) BROMOMETHANE	4.839	94	174057	8.91	PPBV	99
9) CHLOROETHANE	5.013	64	64045	9.04	PPBV	87
10) TRICHLOROFLUOROMETHANE	5.794	101	786683	8.92	PPBV	98
11) ISOPROPYL ALCOHOL	5.835	45	252489	8.59	PPBV	92
12) ACETONE	5.600	43	269943	8.96	PPBV	84
13) PENTANE	6.152	42	154556	8.98	PPBV	89
14) 1,1-DICHLOROETHYLENE	6.435	96	146433	8.69	PPBV #	66
15) CARBON DISULFIDE	6.868	76	434967	9.21	PPBV	81
16) ETHANOL	5.098	45	45183	9.34	PPBV	91
17) BROMOETHENE	5.373	106	166751	8.83	PPBV #	93
18) METHYLENE CHLORIDE	6.550	84	260585	11.35	PPBV	68
19) 3-CHLOROPROPENE	6.671	39	190315	8.14	PPBV #	79
20) FREON 113	6.806	151	328721	8.08	PPBV	95
21) TRANS-1,2-DICHLOROETHY...	7.475	96	146824	9.84	PPBV #	82
22) TERTIARY BUTYL ALCOHOL	6.438	59	311659	8.81	PPBV	86
23) METHYL TERTIARY BUTYL ...	7.718	73	336349	9.80	PPBV	83
24) TETRAHYDROFURAN	9.148	42	121403	8.10	PPBV	91
25) HEXANE	8.674	57	228435	9.48	PPBV	89
26) VINYL ACETATE	7.796	43	306766	8.46	PPBV	90
27) 1,1-DICHLOROETHANE	7.673	63	274495	9.36	PPBV	98
28) METHYL ETHYL KETONE	8.037	43	250520	8.29	PPBV	90
29) cis-1,2-DICHLOROETHYLENE	8.479	96	136248	9.15	PPBV	95
30) ETHYL ACETATE	8.671	43	457842	8.40	PPBV	97
31) CHLOROFORM	8.761	83	349357	8.00	PPBV	96
32) 1,1,1-TRICHLOROETHANE	9.721	97	354339	7.32	PPBV	100
33) CARBON TETRACHLORIDE	10.304	117	430196	7.27	PPBV	95
34) 1,2-DICHLOROETHANE	9.473	62	195239	7.07	PPBV	99
36) BENZENE	10.162	78	317896	8.82	PPBV	98
37) CYCLOHEXANE	10.428	84	147025	10.00	PPBV	97
38) TRICHLOROETHYLENE	11.159	95	187700	8.26	PPBV	98
39) 1,2-DICHLOROPROPANE	10.935	63	123376	9.57	PPBV	96
40) BROMODICHLOROMETHANE	11.122	83	312049	7.92	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.180	57	567514	8.65	PPBV	98
42) 1,4-DIOXANE	11.148	88	65510	9.54	PPBV	97
43) HEPTANE	11.418	43	221797	8.20	PPBV	90

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3335.D
Acq On : 4 May 2007 10:27 am
Operator : PhilipB
Sample : ICC180-10 (M105)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 04 10:50:12 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 10:13:47 2007
Response via : Initial Calibration

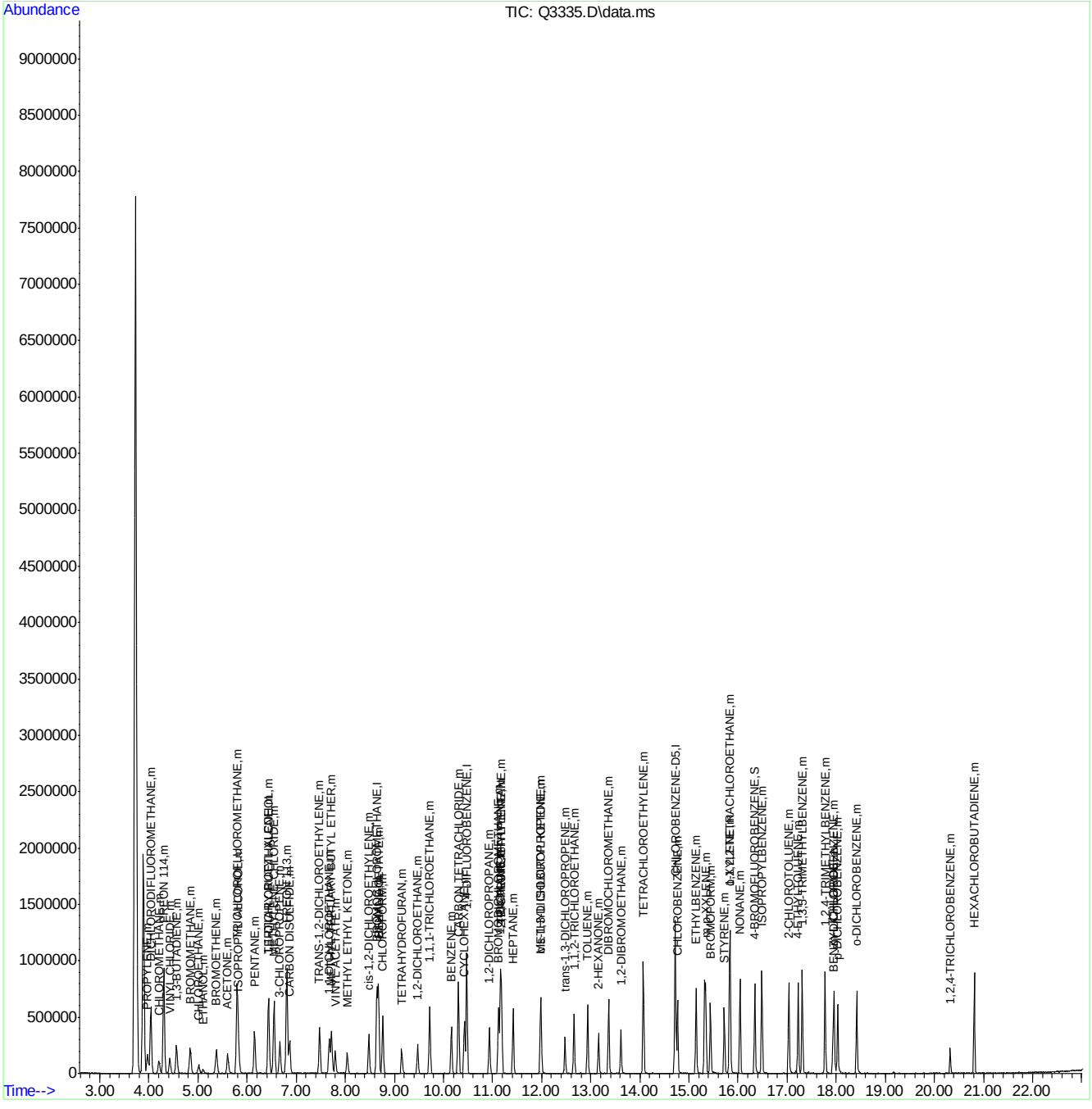
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.991	43	295066	8.17	PPBV	93
45) cis-1,3-DICHLOROPROPENE	11.975	75	183643	8.14	PPBV	85
46) TOLUENE	12.937	92	219445	8.84	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.478	75	140567	7.71	PPBV	90
48) 1,1,2-TRICHLOROETHANE	12.657	83	129348	3.65	PPBV	98
50) 2-HEXANONE	13.157	43	241826	7.89	PPBV	93
51) TETRACHLOROETHYLENE	14.071	164	167922	6.75	PPBV	89
52) DIBROMOCHLOROMETHANE	13.367	129	308942	7.43	PPBV	99
53) 1,2-DIBROMOETHANE	13.619	107	230152	8.45	PPBV	98
54) CHLOROBENZENE	14.769	112	304595	8.80	PPBV	95
55) ETHYLBENZENE	15.145	91	501257	8.46	PPBV	96
56) m,p-XYLENE	15.337	106	386703m	17.16	PPBV	
57) o-XYLENE	15.841	106	197326	8.63	PPBV	90
58) STYRENE	15.720	104	246053	8.17	PPBV	98
59) NONANE	16.040	43	314454	8.03	PPBV	92
60) BROMOFORM	15.440	173	251209	6.59	PPBV	97
62) 1,1,2,2-TETRACHLOROETHANE	15.828	83	328320	8.73	PPBV	99
63) ISOPROPYLBENZENE	16.485	105	542949	4.88	PPBV	98
64) 2-CHLOROTOLUENE	17.035	91	401983	7.06	PPBV	96
65) 4-ETHYLTOLUENE	17.227	105	442269	6.75	PPBV	96
66) 1,3,5-TRIMETHYLBENZENE	17.307	105	451623	6.76	PPBV	98
67) 1,2,4-TRIMETHYLBENZENE	17.774	105	419950	6.46	PPBV	96
68) m-DICHLOROBENZENE	17.956	146	234519	6.14	PPBV	97
69) BENZYL CHLORIDE	17.937	91	222767	5.72	PPBV	99
70) p-DICHLOROBENZENE	18.029	146	193220	5.65	PPBV	98
71) o-DICHLOROBENZENE	18.421	146	230849	6.23	PPBV	99
72) HEXACHLOROBUTADIENE	20.812	225	97983	6.84	PPBV	100
73) 1,2,4-TRICHLOROBENZENE	20.322	180	46924	6.56	PPBV	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3335.D
Acq On : 4 May 2007 10:27 am
Operator : PhilipB
Sample : ICC180-10 (M105)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 1 Sample Multiplier: 1

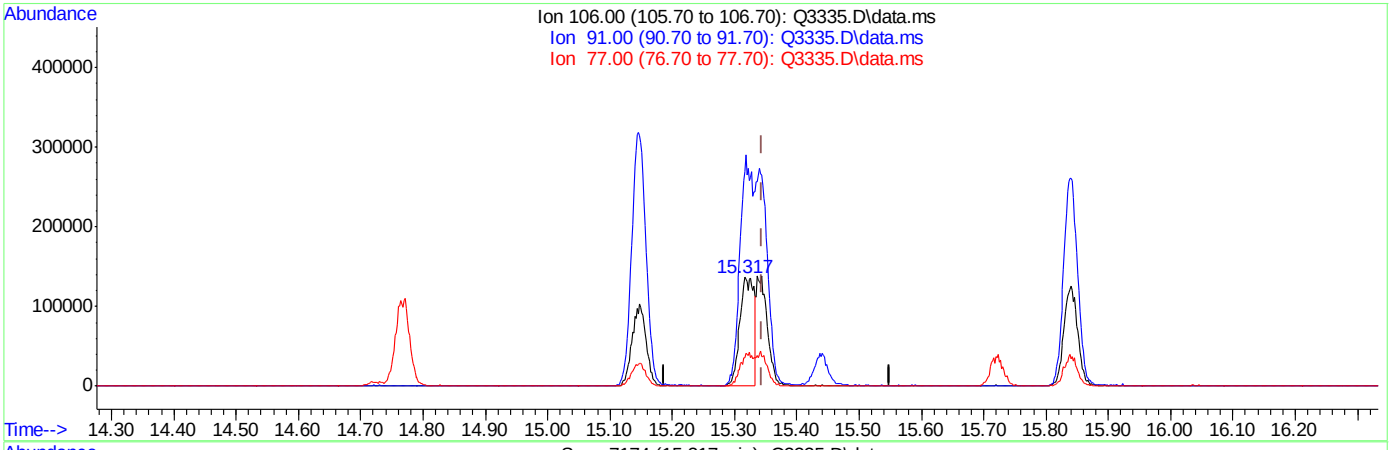
Quant Time: May 04 10:50:12 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 10:13:47 2007
Response via : Initial Calibration

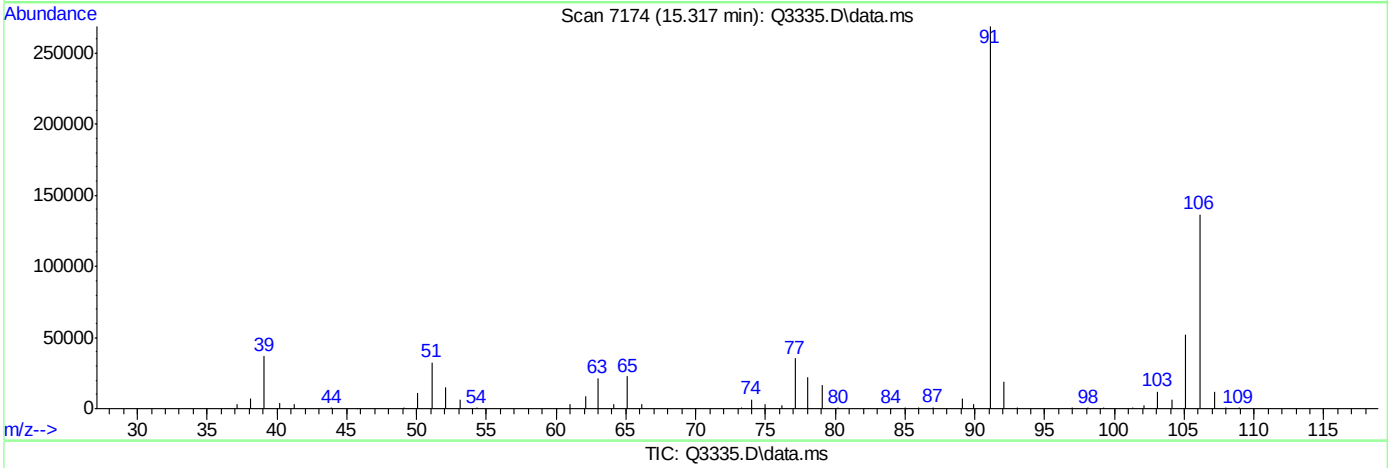


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3335.D
Acq On : 4 May 2007 10:27 am
Operator : PhilipB
Sample : ICC180-10 (M105)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 04 10:49:51 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 10:13:47 2007
Response via : Initial Calibration





TIC: Q3335.D\data.ms

(56) m,p-XYLENE (m)

15.317min (-0.026) 9.64PPBV

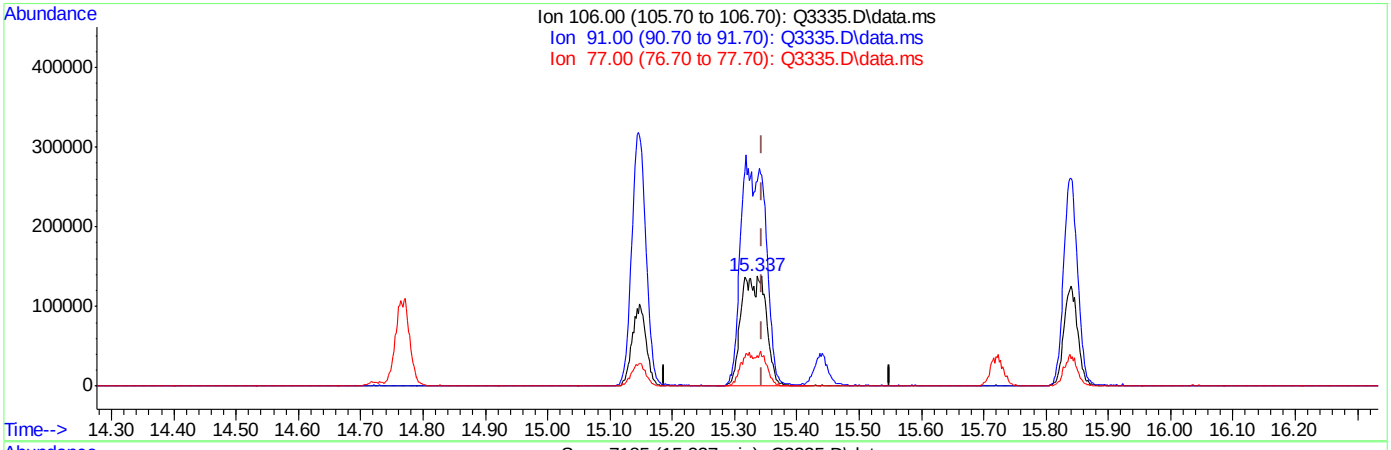
response 217113

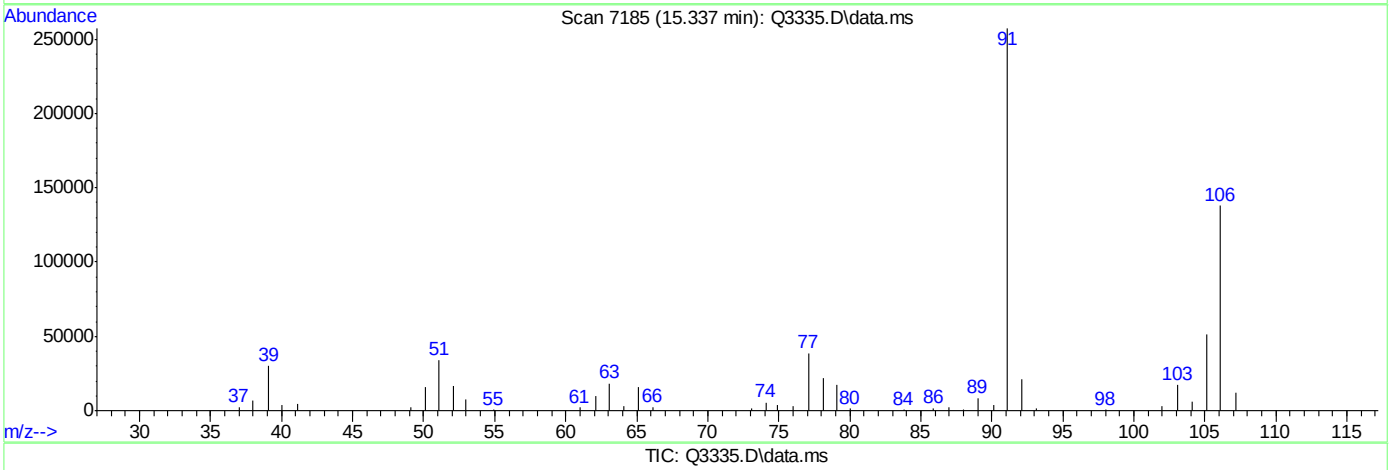
Ion	Exp%	Act%
106.00	100	100
91.00	212.80	197.00
77.00	31.20	25.80
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3335.D
Acq On : 4 May 2007 10:27 am
Operator : PhilipB
Sample : ICC180-10 (M105)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 04 10:49:51 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 10:13:47 2007
Response via : Initial Calibration





TIC: Q3335.D\data.ms

(56) m,p-XYLENE (m)

15.337min (-0.007) 17.16PPBV m

response 386703

Ion	Exp%	Act%
106.00	100	100
91.00	212.80	186.46
77.00	31.20	28.07
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau 05/21/07 17:26

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3336.D
Acq On : 4 May 2007 11:06 am
Operator : PhilipB
Sample : IC180-5 (M105)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 04 11:33:02 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 10:50:34 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) BROMOCHLOROMETHANE	8.644	128	169088	10.00	PPBV		0.00
35) 1,4-DIFLUOROBENZENE	10.472	114	758871	10.00	PPBV		0.00
49) CHLOROBENZENE-D5	14.723	117	600276	10.00	PPBV		0.00
System Monitoring Compounds							
61) 4-BROMOFLUOROBENZENE	16.339	95	239329	4.75	PPBV		0.00
Spiked Amount 5.000	Range 57 - 139		Recovery = 95.00%				
Target Compounds							Qvalue
2) DICHLORODIFLUOROMETHANE	4.035	85	342828	4.62	PPBV		97
3) PROPYLENE	3.969	41	73818	5.60	PPBV		90
4) FREON 114	4.299	85	282840	4.44	PPBV		99
5) CHLOROMETHANE	4.202	50	75020	4.86	PPBV		96
6) VINYL CHLORIDE	4.424	62	74629	4.46	PPBV	#	69
7) 1,3-BUTADIENE	4.566	39	71174	4.04	PPBV	#	78
8) BROMOMETHANE	4.839	94	80774	4.36	PPBV		99
9) CHLOROETHANE	5.024	64	25417m	3.77	PPBV		
10) TRICHLOROFLUOROMETHANE	5.797	101	349504	4.18	PPBV		97
11) ISOPROPYL ALCOHOL	5.831	45	113089	4.10	PPBV		91
12) ACETONE	5.606	43	119460	4.18	PPBV		86
13) PENTANE	6.156	42	71620	4.38	PPBV		91
14) 1,1-DICHLOROETHYLENE	6.436	96	62428	3.94	PPBV	#	59
15) CARBON DISULFIDE	6.869	76	217366	4.81	PPBV		97
16) ETHANOL	5.116	45	20607	4.43	PPBV	#	50
17) BROMOETHENE	5.375	106	76906	4.31	PPBV	#	57
18) METHYLENE CHLORIDE	6.550	84	109459	4.64	PPBV		62
19) 3-CHLOROPROPENE	6.670	39	79887	3.70	PPBV	#	81
20) FREON 113	6.814	151	138050	3.69	PPBV		91
21) TRANS-1,2-DICHLOROETHY...	7.482	96	62524	4.28	PPBV	#	77
22) TERTIARY BUTYL ALCOHOL	6.438	59	128452	3.84	PPBV		82
23) METHYL TERTIARY BUTYL ...	7.716	73	147061	4.39	PPBV		81
24) TETRAHYDROFURAN	9.153	42	58818	4.26	PPBV		91
25) HEXANE	8.683	57	111907	4.80	PPBV		97
26) VINYL ACETATE	7.796	43	132892	3.93	PPBV		88
27) 1,1-DICHLOROETHANE	7.673	63	114486	4.05	PPBV		99
28) METHYL ETHYL KETONE	8.042	43	113098	4.03	PPBV		90
29) cis-1,2-DICHLOROETHYLENE	8.481	96	58860	4.14	PPBV		92
30) ETHYL ACETATE	8.678	43	209023	4.12	PPBV		98
31) CHLOROFORM	8.761	83	158921	3.97	PPBV		96
32) 1,1,1-TRICHLOROETHANE	9.718	97	154971	3.58	PPBV		97
33) CARBON TETRACHLORIDE	10.303	117	186239	3.52	PPBV		93
34) 1,2-DICHLOROETHANE	9.473	62	90262	3.68	PPBV		98
36) BENZENE	10.165	78	143446	4.11	PPBV		100
37) CYCLOHEXANE	10.428	84	71670	4.84	PPBV		95
38) TRICHLOROETHYLENE	11.161	95	85532	3.96	PPBV		98
39) 1,2-DICHLOROPROPANE	10.939	63	57987	4.53	PPBV		96
40) BROMODICHLOROMETHANE	11.118	83	140616	3.80	PPBV		98
41) 2,2,4-TRIMETHYLPENTANE	11.178	57	251105	3.97	PPBV	#	90
42) 1,4-DIOXANE	11.145	88	30863	4.53	PPBV		88
43) HEPTANE	11.418	43	97983	3.82	PPBV		93

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3336.D
Acq On : 4 May 2007 11:06 am
Operator : PhilipB
Sample : IC180-5 (M105)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 04 11:33:02 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 10:50:34 2007
Response via : Initial Calibration

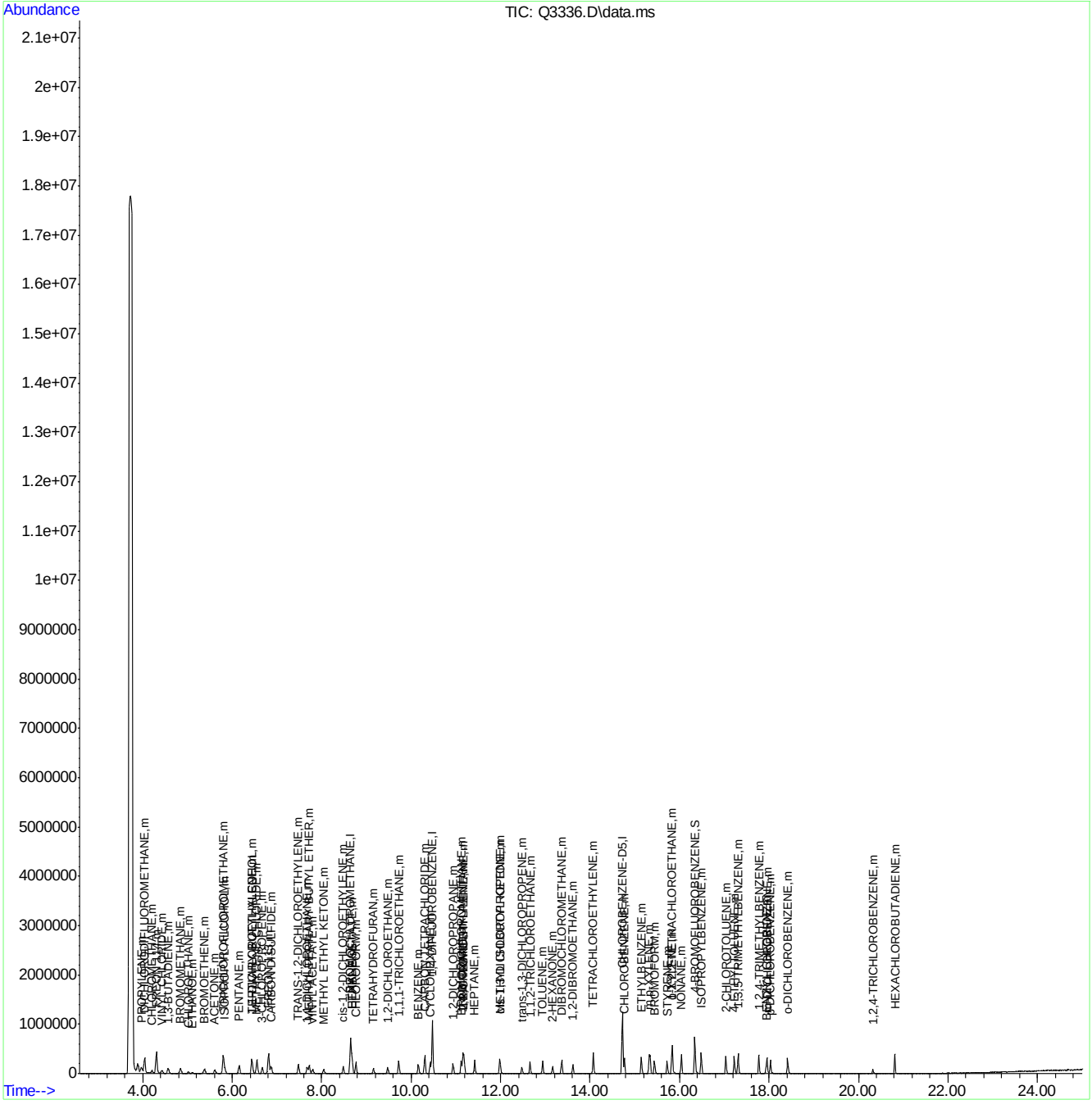
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.988	43	130757	3.82	PPBV	94
45) cis-1,3-DICHLOROPROPENE	11.972	75	81643	3.83	PPBV	85
46) TOLUENE	12.941	92	95062	3.95	PPBV	100
47) trans-1,3-DICHLOROPROPENE	12.476	75	57476	3.38	PPBV	90
48) 1,1,2-TRICHLOROETHANE	12.660	83	57043	2.03	PPBV	98
50) 2-HEXANONE	13.157	43	99685	3.75	PPBV	91
51) TETRACHLOROETHYLENE	14.073	164	68415	3.31	PPBV	90
52) DIBROMOCHLOROMETHANE	13.367	129	130367	3.68	PPBV	99
53) 1,2-DIBROMOETHANE	13.615	107	100200	4.16	PPBV	96
54) CHLOROBENZENE	14.765	112	139187	4.50	PPBV	93
55) ETHYLBENZENE	15.147	91	217959	4.16	PPBV	95
56) m,p-XYLENE	15.323	106	179882	8.99	PPBV	80
57) o-XYLENE	15.839	106	91304	4.49	PPBV	90
58) STYRENE	15.724	104	106023	4.02	PPBV	98
59) NONANE	16.041	43	142386	4.18	PPBV	93
60) BROMOFORM	15.438	173	101320	3.22	PPBV	98
62) 1,1,2,2-TETRACHLOROETHANE	15.827	83	152256	4.54	PPBV	99
63) ISOPROPYLBENZENE	16.485	105	248411	2.89	PPBV	98
64) 2-CHLOROTOLUENE	17.033	91	172979	3.62	PPBV	97
65) 4-ETHYLTOLUENE	17.223	105	183848	3.38	PPBV	94
66) 1,3,5-TRIMETHYLBENZENE	17.308	105	194473	3.50	PPBV	96
67) 1,2,4-TRIMETHYLBENZENE	17.772	105	177991	3.33	PPBV	95
68) m-DICHLOROBENZENE	17.956	146	104397	3.37	PPBV	97
69) BENZYL CHLORIDE	17.931	91	81386	2.61	PPBV	97
70) p-DICHLOROBENZENE	18.034	146	100302m	3.68	PPBV	
71) o-DICHLOROBENZENE	18.416	146	106020	3.51	PPBV	96
72) HEXACHLOROBUTADIENE	20.812	225	39801	3.33	PPBV	94
73) 1,2,4-TRICHLOROBENZENE	20.320	180	19229	3.26	PPBV	91

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3336.D
Acq On : 4 May 2007 11:06 am
Operator : PhilipB
Sample : IC180-5 (M105)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 1 Sample Multiplier: 1

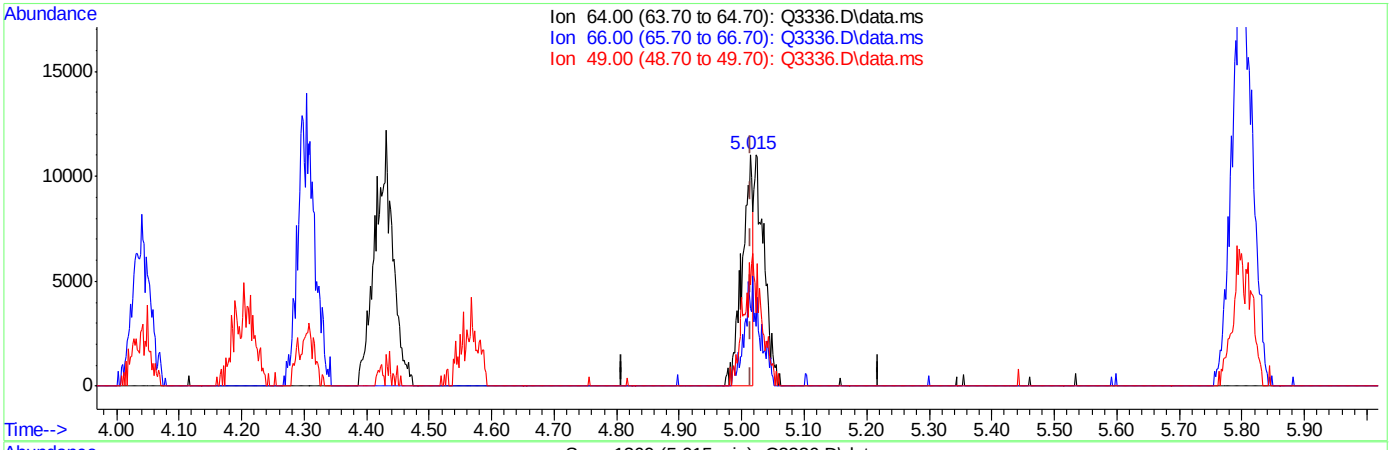
Quant Time: May 04 11:33:02 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 10:50:34 2007
Response via : Initial Calibration

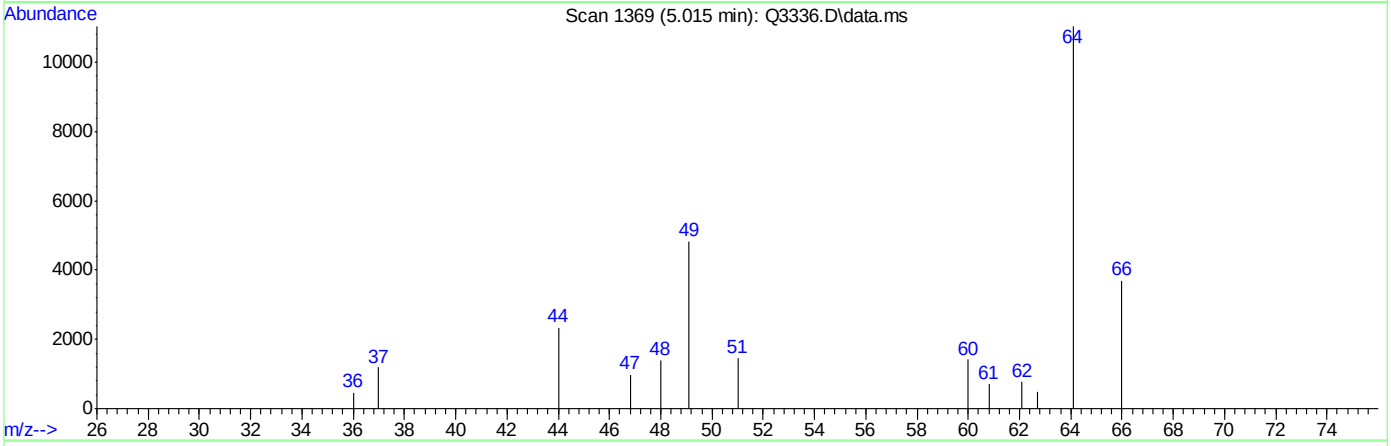


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3336.D
Acq On : 4 May 2007 11:06 am
Operator : PhilipB
Sample : IC180-5 (M105)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 04 11:32:15 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 10:50:34 2007
Response via : Initial Calibration





(9) CHLOROETHANE (m)

5.015min (+0.001) 1.92PPBV

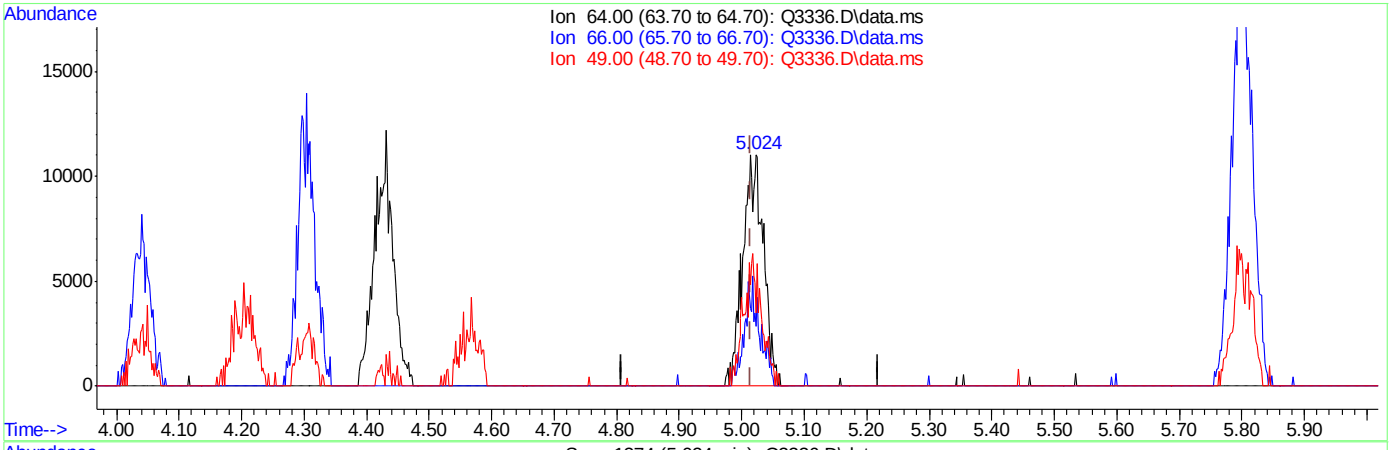
response 12928

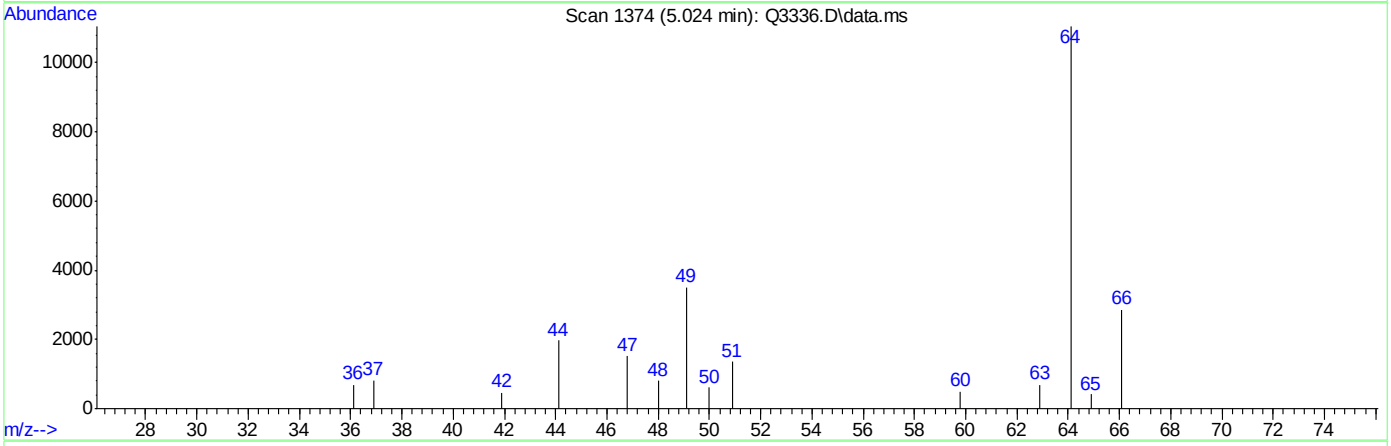
Ion	Exp%	Act%
64.00	100	100
66.00	33.60	67.60#
49.00	30.70	63.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3336.D
Acq On : 4 May 2007 11:06 am
Operator : PhilipB
Sample : IC180-5 (M105)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 04 11:32:15 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 10:50:34 2007
Response via : Initial Calibration





TIC: Q3336.D\data.ms

(9) CHLOROETHANE (m)

5.024min (+0.010) 3.77PPBV m

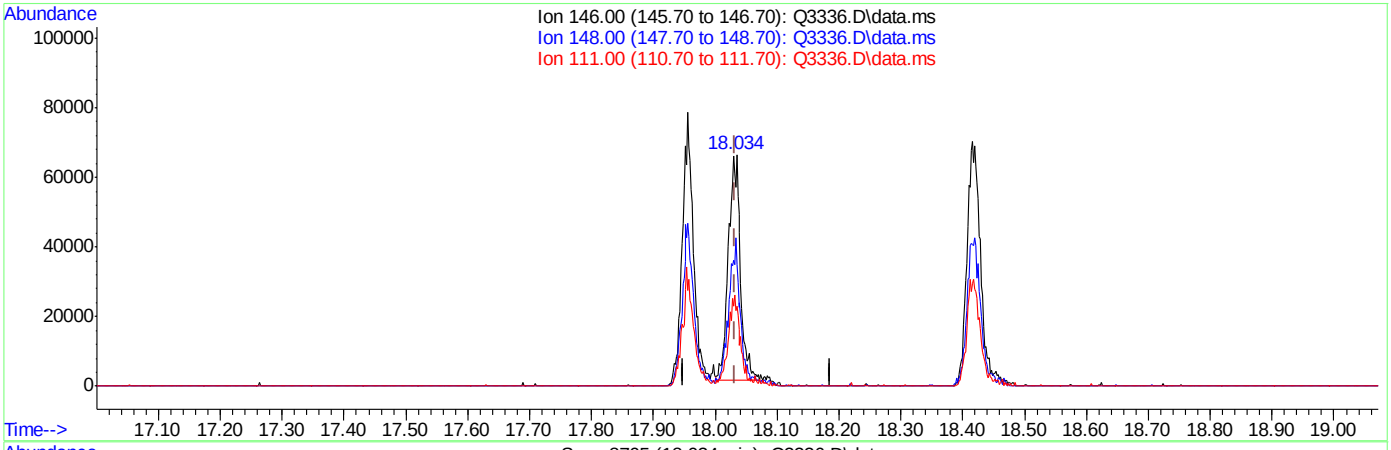
response 25417

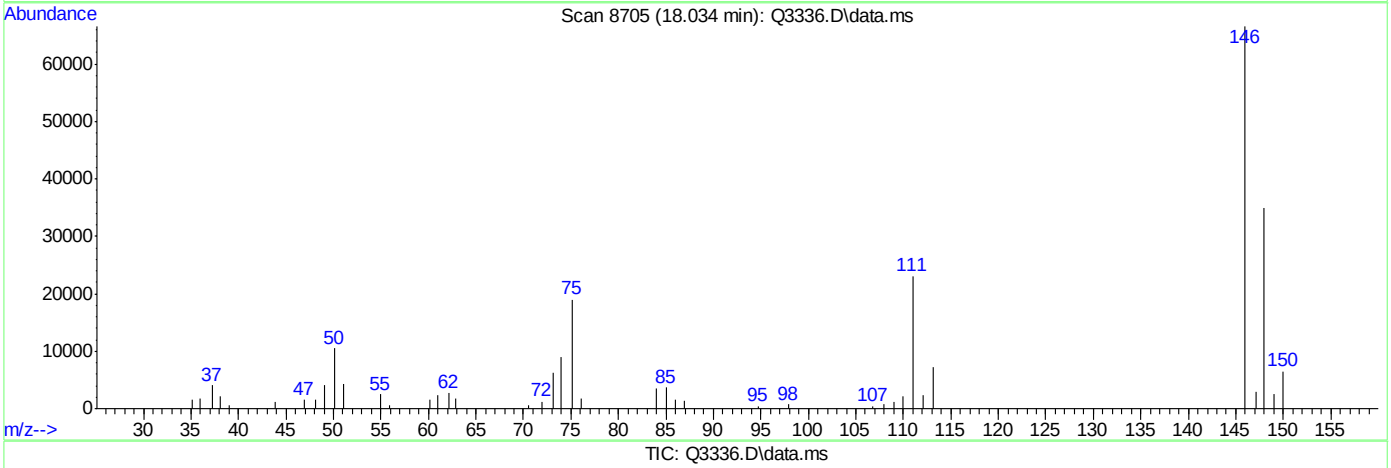
Ion	Exp%	Act%
64.00	100	100
66.00	33.60	34.38
49.00	30.70	32.04
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3336.D
Acq On : 4 May 2007 11:06 am
Operator : PhilipB
Sample : IC180-5 (M105)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 04 11:32:15 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 10:50:34 2007
Response via : Initial Calibration





TIC: Q3336.D\data.ms

(70) p-DICHLOROBENZENE (m)

18.034min (+0.002) 3.31PPBV

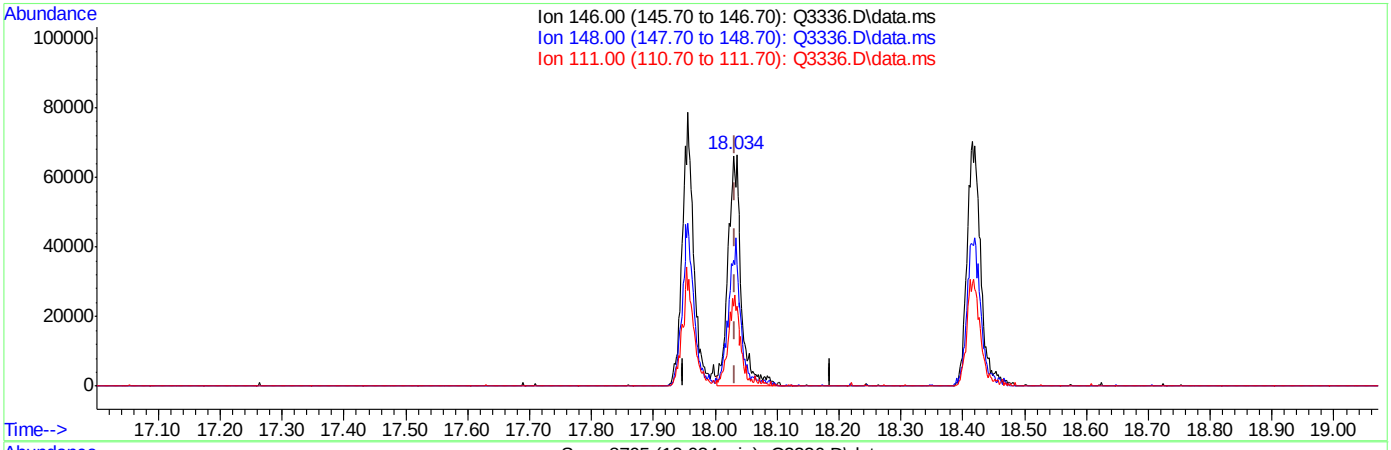
response 90240

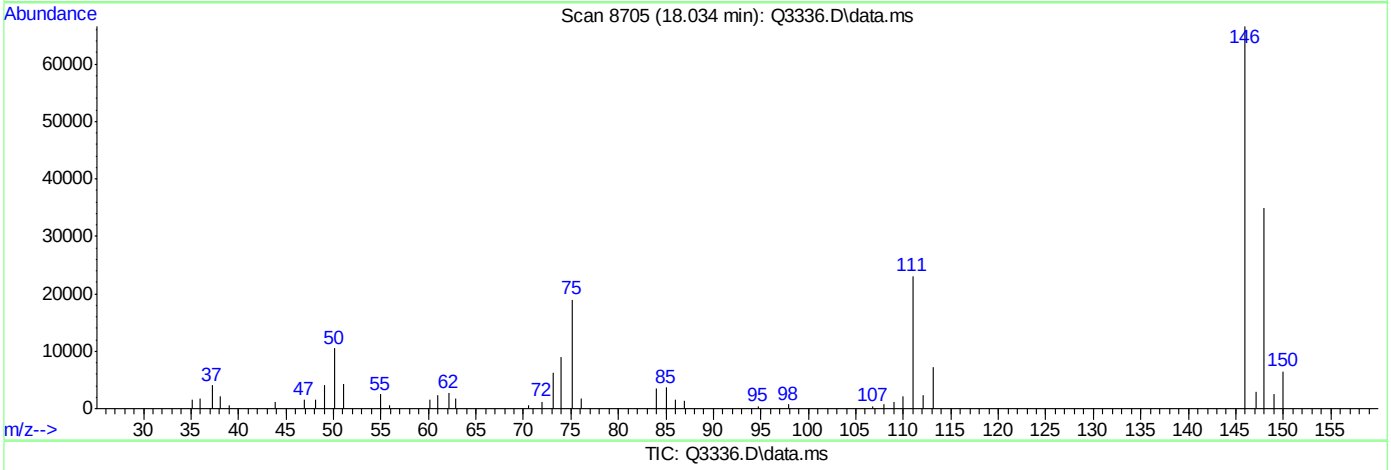
Ion	Exp%	Act%
146.00	100	100
148.00	64.00	54.67
111.00	39.20	37.15
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3336.D
Acq On : 4 May 2007 11:06 am
Operator : PhilipB
Sample : IC180-5 (M105)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 04 11:32:15 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 10:50:34 2007
Response via : Initial Calibration





(70) p-DICHLOROBENZENE (m)

18.034min (+0.002) 3.68PPBV m

response 100302

Ion	Exp%	Act%
146.00	100	100
148.00	64.00	49.18
111.00	39.20	33.42
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau 05/21/07 17:26

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3337.D
Acq On : 4 May 2007 12:03 pm
Operator : PhilipB
Sample : IC180-2 (M105)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 04 12:28:15 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 11:33:12 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.641	128	224559	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.470	114	1068771	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.719	117	858732	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.339	95	322638	4.53	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 90.60%

Target Compounds							Qvalue
2) DICHLORODIFLUOROMETHANE	4.042	85	141527	1.46	PPBV		97
3) PROPYLENE	3.966	41	30195	1.67	PPBV		96
4) FREON 114	4.303	85	126039	1.53	PPBV		99
5) CHLOROMETHANE	4.204	50	34116	1.68	PPBV		93
6) VINYL CHLORIDE	4.427	62	35345m	1.63	PPBV		
7) 1,3-BUTADIENE	4.564	39	35069	1.58	PPBV	#	65
8) BROMOMETHANE	4.844	94	37733	1.59	PPBV		97
9) CHLOROETHANE	5.016	64	14126	1.68	PPBV		76
10) TRICHLOROFLUOROMETHANE	5.799	101	152966	1.44	PPBV		96
11) ISOPROPYL ALCOHOL	5.836	45	61161	1.75	PPBV		84
12) ACETONE	5.606	43	74285	2.04	PPBV		65
13) PENTANE	6.145	42	37222	1.77	PPBV		97
14) 1,1-DICHLOROETHYLENE	6.438	96	33219	1.67	PPBV	#	86
15) CARBON DISULFIDE	6.866	76	99940	1.68	PPBV		84
16) ETHANOL	5.102	45	12222	2.04	PPBV	#	61
17) BROMOETHENE	5.375	106	37250	1.63	PPBV	#	90
18) METHYLENE CHLORIDE	6.553	84	67760m	2.20	PPBV		
19) 3-CHLOROPROPENE	6.667	39	34373	1.28	PPBV		91
20) FREON 113	6.814	151	63027	1.36	PPBV	#	81
21) TRANS-1,2-DICHLOROETHY...	7.482	96	31690	1.70	PPBV		89
22) TERTIARY BUTYL ALCOHOL	6.445	59	55868	1.34	PPBV		81
23) METHYL TERTIARY BUTYL ...	7.716	73	73438	1.70	PPBV		85
24) TETRAHYDROFURAN	9.152	42	30610	1.73	PPBV		89
25) HEXANE	8.681	57	55752	1.82	PPBV		87
26) VINYL ACETATE	7.796	43	71086	1.67	PPBV		89
27) 1,1-DICHLOROETHANE	7.673	63	62103	1.74	PPBV		97
28) METHYL ETHYL KETONE	8.037	43	62348	1.76	PPBV		99
29) cis-1,2-DICHLOROETHYLENE	8.481	96	30251	1.67	PPBV		94
30) ETHYL ACETATE	8.671	43	114080	1.77	PPBV		97
31) CHLOROFORM	8.756	83	85812	1.70	PPBV		96
32) 1,1,1-TRICHLOROETHANE	9.716	97	92470	1.73	PPBV		96
33) CARBON TETRACHLORIDE	10.303	117	106832	1.64	PPBV		94
34) 1,2-DICHLOROETHANE	9.471	62	58157	1.91	PPBV		98
36) BENZENE	10.163	78	85248	1.82	PPBV		98
37) CYCLOHEXANE	10.426	84	35425	1.71	PPBV		85
38) TRICHLOROETHYLENE	11.157	95	48027	1.67	PPBV		97
39) 1,2-DICHLOROPROPANE	10.934	63	31585	1.79	PPBV		95
40) BROMODICHLOROMETHANE	11.118	83	81324	1.66	PPBV		94
41) 2,2,4-TRIMETHYLPENTANE	11.182	57	136700	1.62	PPBV		96
42) 1,4-DIOXANE	11.148	88	15655	1.67	PPBV		80
43) HEPTANE	11.422	43	52027	1.53	PPBV		90

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3337.D
Acq On : 4 May 2007 12:03 pm
Operator : PhilipB
Sample : IC180-2 (M105)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 04 12:28:15 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 11:33:12 2007
Response via : Initial Calibration

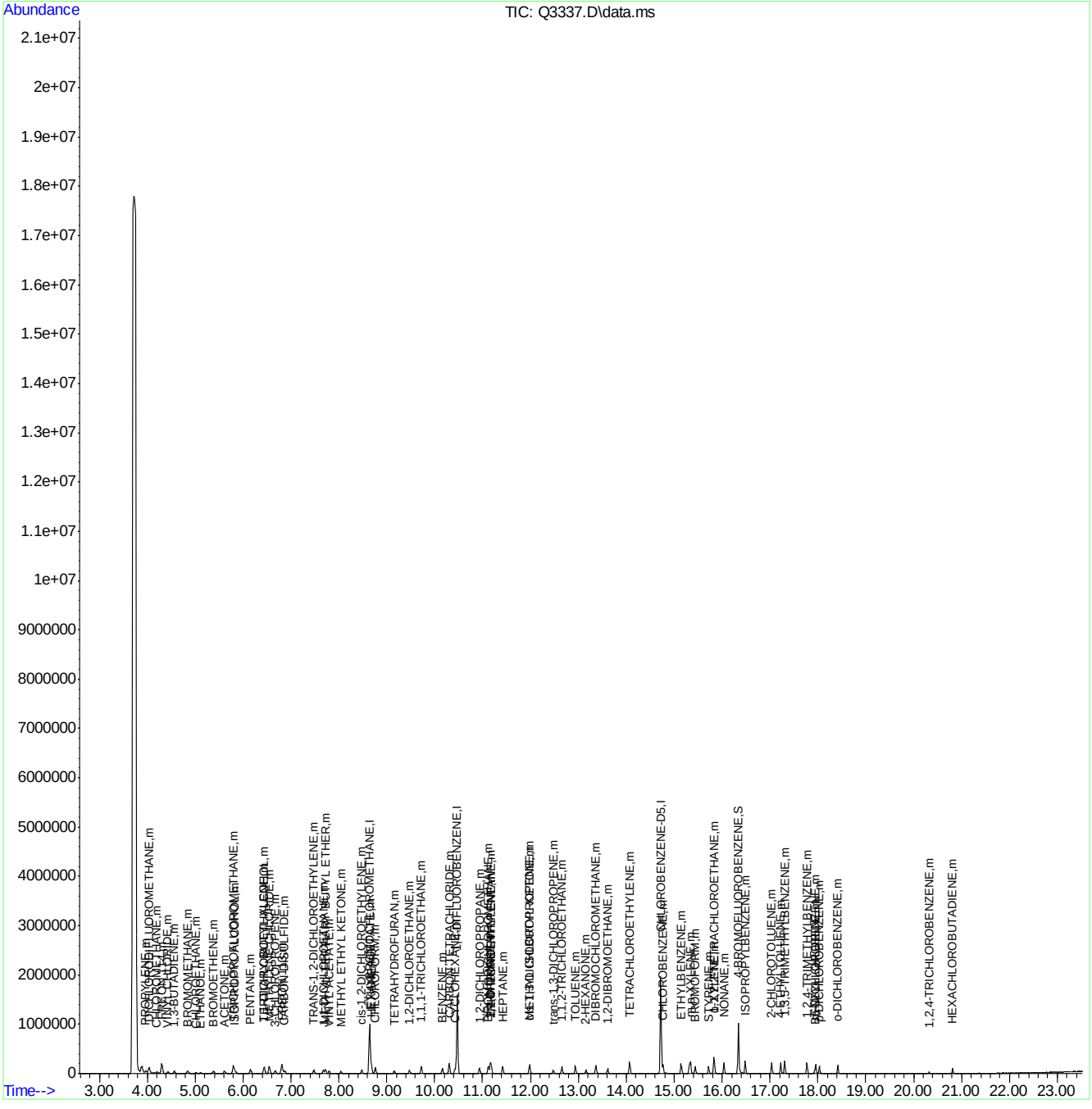
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.990	43	73494	1.62 PPBV	92
45) cis-1,3-DICHLOROPROPENE	11.972	75	47384	1.68 PPBV #	82
46) TOLUENE	12.934	92	56216	1.75 PPBV	100
47) trans-1,3-DICHLOROPROPENE	12.476	75	35292	1.61 PPBV	89
48) 1,1,2-TRICHLOROETHANE	12.657	83	34241	1.01 PPBV	98
50) 2-HEXANONE	13.157	43	55939	1.57 PPBV	92
51) TETRACHLOROETHYLENE	14.075	164	39845	1.47 PPBV	86
52) DIBROMOCHLOROMETHANE	13.365	129	80569	1.70 PPBV	98
53) 1,2-DIBROMOETHANE	13.613	107	59495	1.80 PPBV	96
54) CHLOROBENZENE	14.769	112	82076	1.90 PPBV	96
55) ETHYLBENZENE	15.143	91	126472	1.76 PPBV	97
56) m,p-XYLENE	15.333	106	103162m	3.70 PPBV	
57) o-XYLENE	15.839	106	51191	1.81 PPBV	94
58) STYRENE	15.722	104	57833	1.61 PPBV	99
59) NONANE	16.041	43	78618	1.68 PPBV	96
60) BROMOFORM	15.436	173	60185	1.47 PPBV	98
62) 1,1,2,2-TETRACHLOROETHANE	15.825	83	84274	1.80 PPBV	99
63) ISOPROPYLBENZENE	16.485	105	144940	1.32 PPBV	97
64) 2-CHLOROTOLUENE	17.037	91	106297	1.67 PPBV	96
65) 4-ETHYLTOLUENE	17.225	105	114982	1.61 PPBV	95
66) 1,3,5-TRIMETHYLBENZENE	17.310	105	118979	1.62 PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.772	105	103425	1.48 PPBV	94
68) m-DICHLOROBENZENE	17.955	146	57105	1.40 PPBV	98
69) BENZYL CHLORIDE	17.930	91	42478	1.08 PPBV	98
70) p-DICHLOROBENZENE	18.034	146	52384	1.44 PPBV	98
71) o-DICHLOROBENZENE	18.414	146	56793	1.42 PPBV	97
72) HEXACHLOROBUTADIENE	20.812	225	11818	0.75 PPBV	95
73) 1,2,4-TRICHLOROBENZENE	20.326	180	5692	0.74 PPBV	88

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3337.D
Acq On : 4 May 2007 12:03 pm
Operator : PhilipB
Sample : IC180-2 (M105)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 1 Sample Multiplier: 1

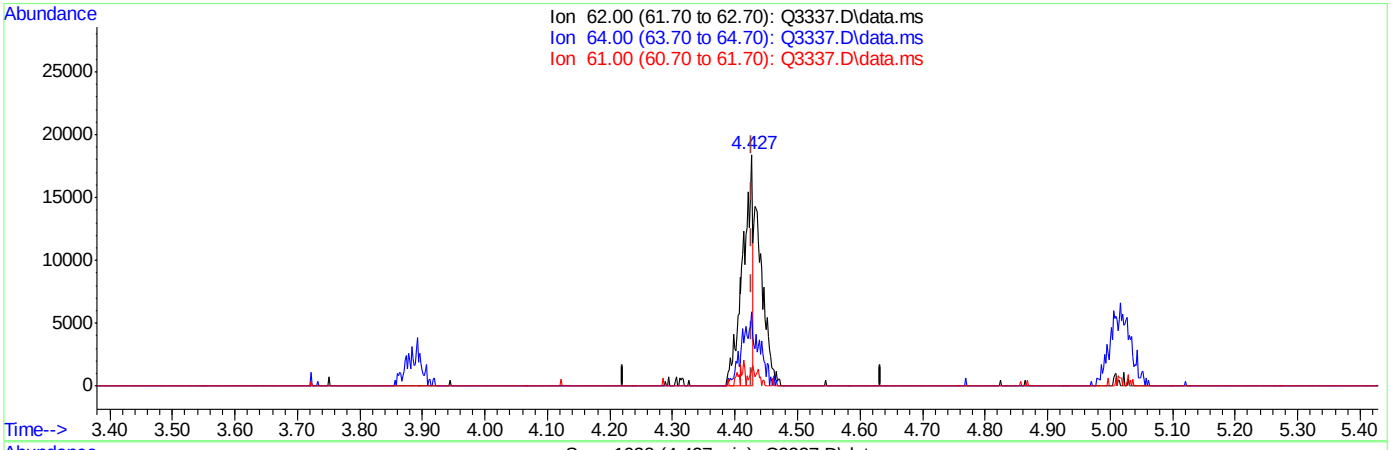
Quant Time: May 04 12:28:15 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 11:33:12 2007
Response via : Initial Calibration

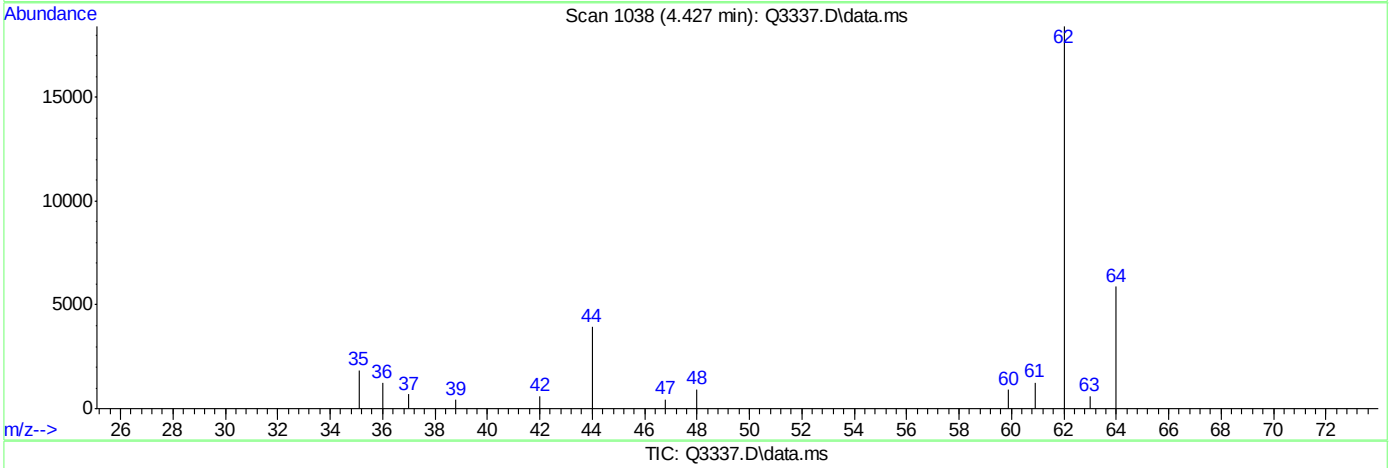


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3337.D
Acq On : 4 May 2007 12:03 pm
Operator : PhilipB
Sample : IC180-2 (M105)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 04 12:27:24 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 11:33:12 2007
Response via : Initial Calibration





TIC: Q3337.D\data.ms

(6) VINYL CHLORIDE (m)

4.427min (+0.000) 0.93PPBV

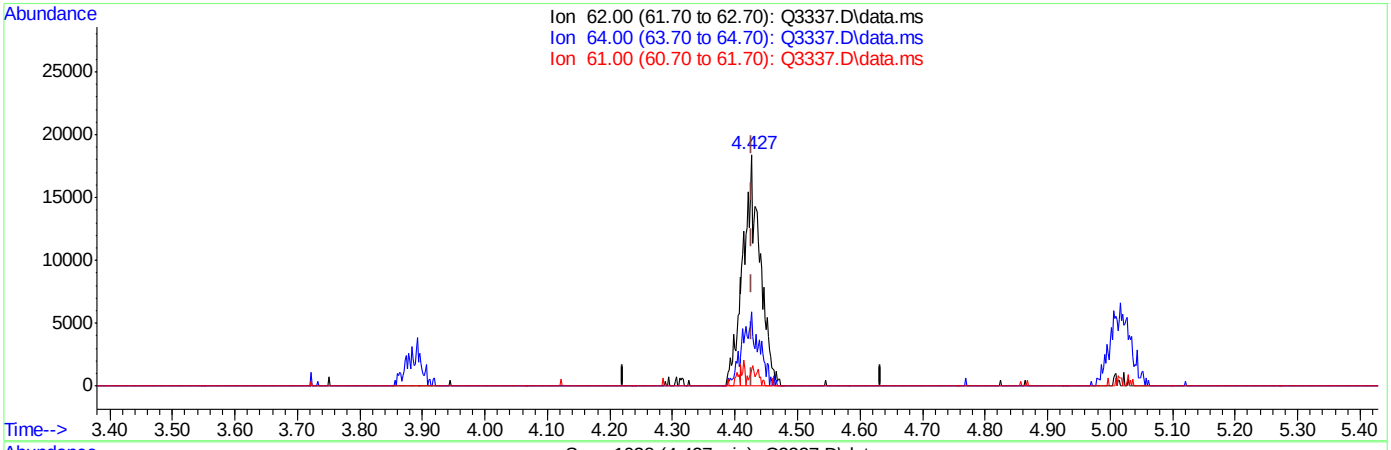
response 20192

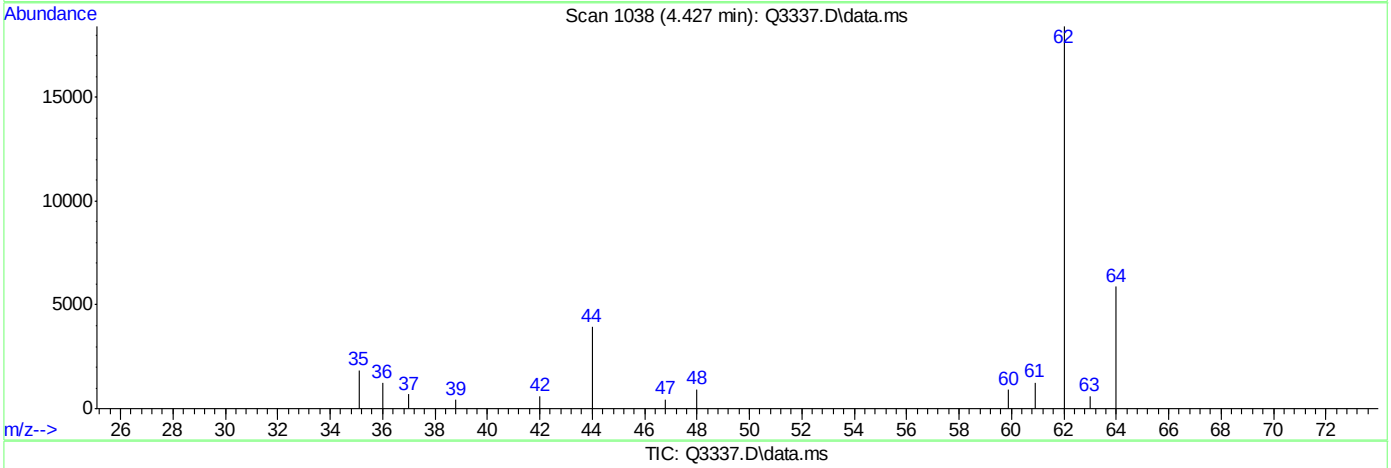
Ion	Exp%	Act%
62.00	100	100
64.00	31.80	40.59
61.00	8.20	6.53
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3337.D
Acq On : 4 May 2007 12:03 pm
Operator : PhilipB
Sample : IC180-2 (M105)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 04 12:27:24 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 11:33:12 2007
Response via : Initial Calibration





TIC: Q3337.D\data.ms

(6) VINYL CHLORIDE (m)

4.427min (+0.000) 1.63PPBV m

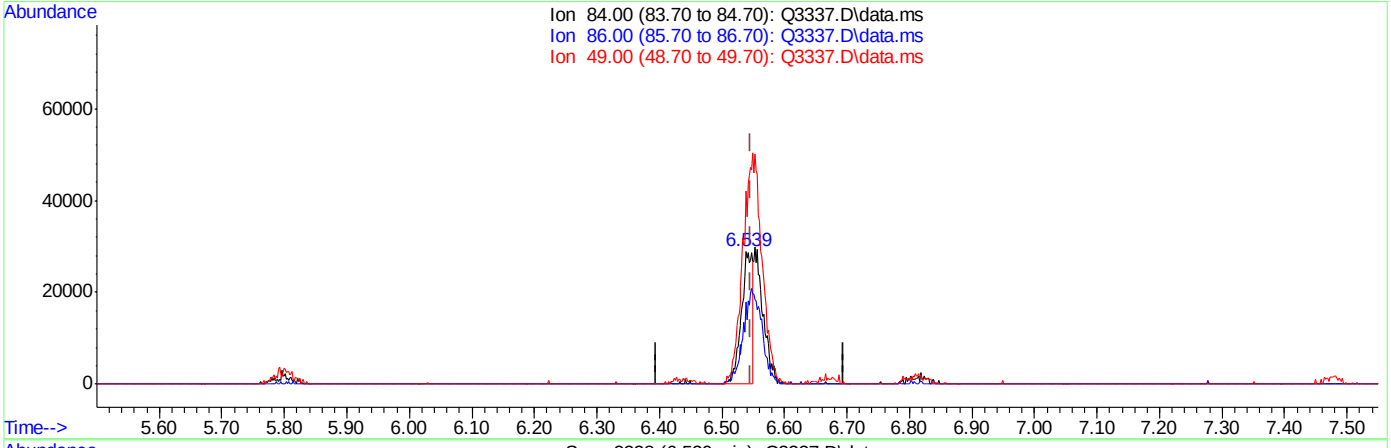
response 35345

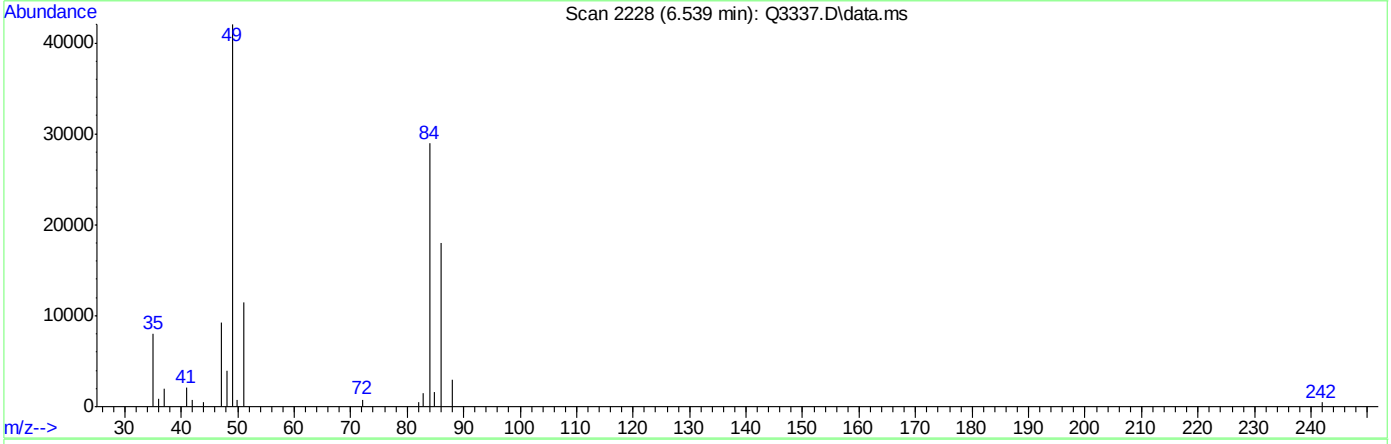
Ion	Exp%	Act%
62.00	100	100
64.00	31.80	23.19
61.00	8.20	3.73
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3337.D
Acq On : 4 May 2007 12:03 pm
Operator : PhilipB
Sample : IC180-2 (M105)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 04 12:27:24 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 11:33:12 2007
Response via : Initial Calibration





TIC: Q3337.D\data.ms

(18) METHYLENE CHLORIDE (m)

6.539min (-0.007) 1.19PPBV

response 36597

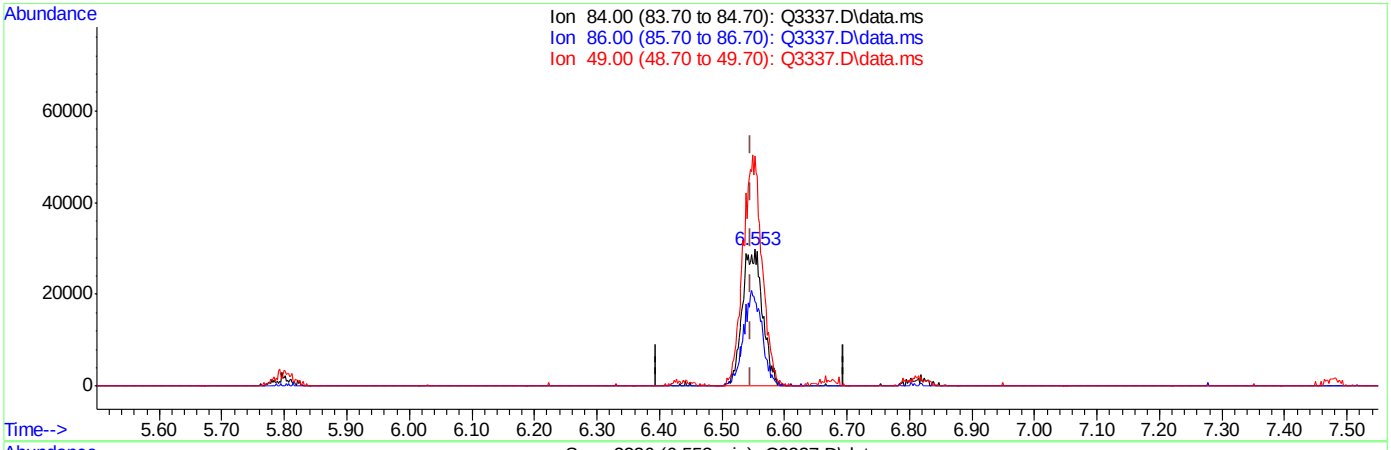
Ion	Exp%	Act%
84.00	100	100
86.00	65.00	118.45#
49.00	118.80	296.11
0.00	0.00	0.00

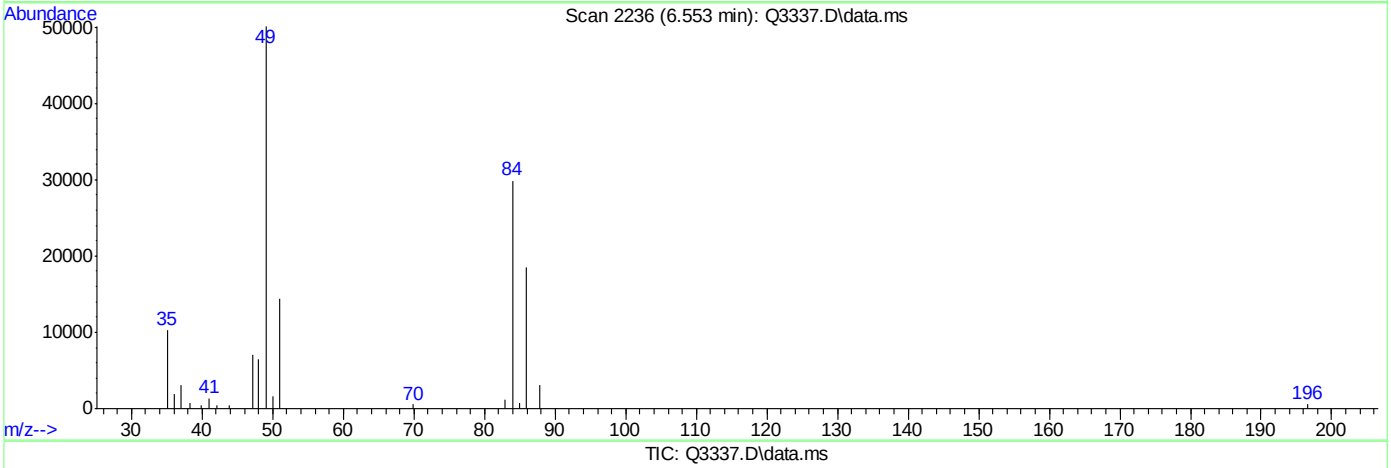
ACCUTEST Laboratories M64901

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3337.D
Acq On : 4 May 2007 12:03 pm
Operator : PhilipB
Sample : IC180-2 (M105)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 04 12:27:24 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 11:33:12 2007
Response via : Initial Calibration





TIC: Q3337.D\data.ms

(18) METHYLENE CHLORIDE (m)

6.553min (+0.007) 2.20PPBV m

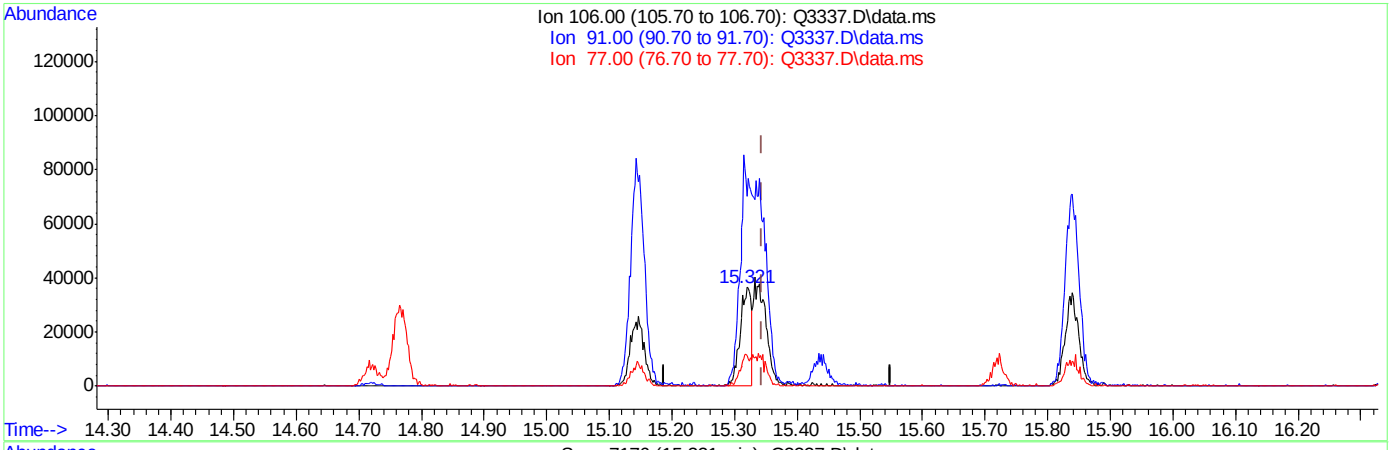
response 67760

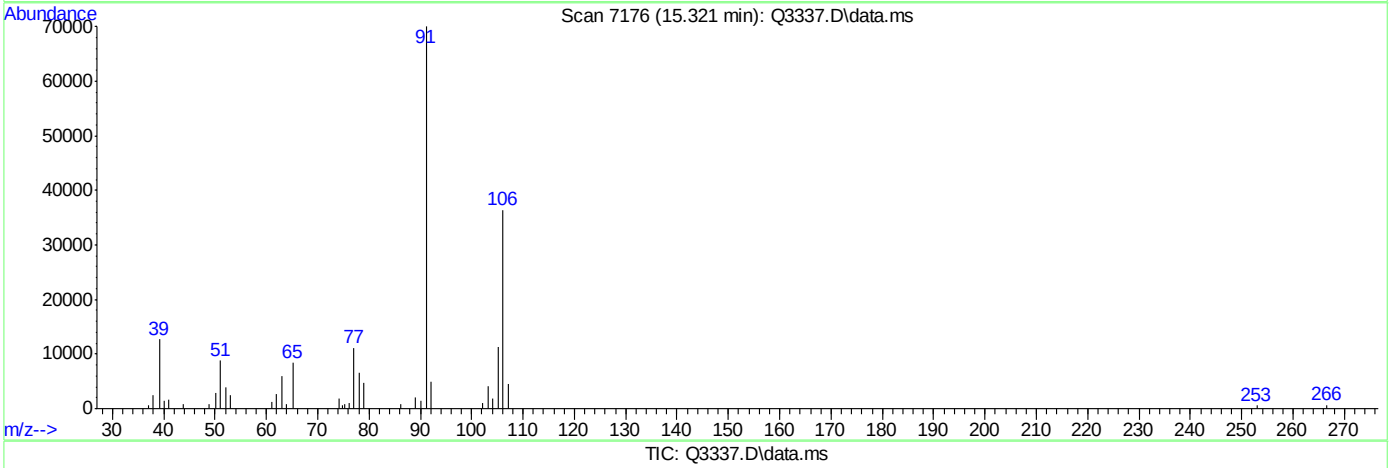
Ion	Exp%	Act%
84.00	100	100
86.00	65.00	63.98
49.00	118.80	159.93
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3337.D
Acq On : 4 May 2007 12:03 pm
Operator : PhilipB
Sample : IC180-2 (M105)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 04 12:27:24 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 11:33:12 2007
Response via : Initial Calibration





TIC: Q3337.D\data.ms

(56) m,p-XYLENE (m)

15.321min (-0.023) 1.66PPBV

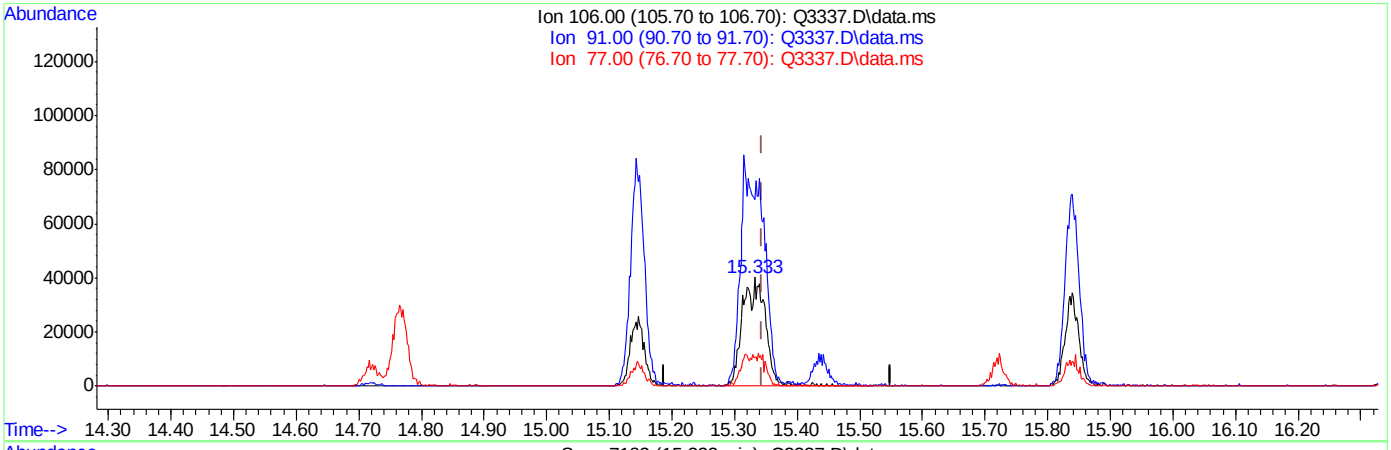
response 46359

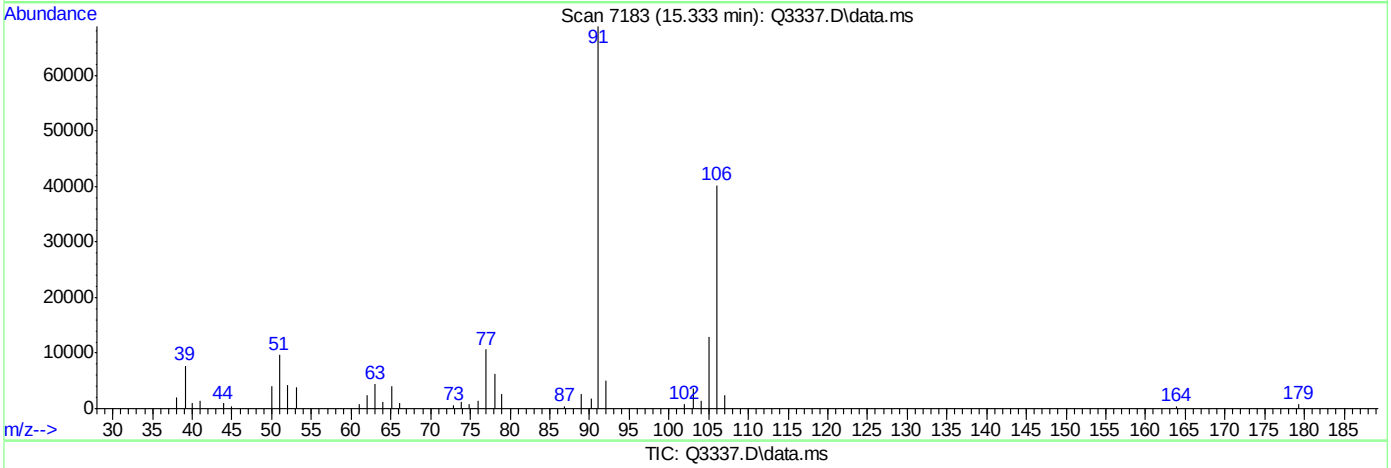
Ion	Exp%	Act%
106.00	100	100
91.00	212.80	192.33
77.00	31.20	30.73
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3337.D
Acq On : 4 May 2007 12:03 pm
Operator : PhilipB
Sample : IC180-2 (M105)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 04 12:27:24 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 11:33:12 2007
Response via : Initial Calibration





(56) m,p-XYLENE (m)

15.333min (-0.011) 3.70PPBV m

response 103162

Ion	Exp%	Act%
106.00	100	100
91.00	212.80	171.34
77.00	31.20	26.61
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau 05/21/07 17:26

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3338.D
Acq On : 4 May 2007 12:52 pm
Operator : PhilipB
Sample : IC180-.5 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 14:35:09 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 12:28:30 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.644	128	126062	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.472	114	590641	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.721	117	497909m	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.345	95	167178	4.13	PPBV	0.00
Spiked Amount 5.000	Range 57 - 139		Recovery = 82.60%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.047	85	27403m	0.53	PPBV	
3) PROPYLENE	3.976	41	4978m	0.51	PPBV	
4) FREON 114	4.299	85	22453	0.51	PPBV	97
5) CHLOROMETHANE	4.204	50	5689m	0.51	PPBV	
6) VINYL CHLORIDE	4.415	62	6429m	0.55	PPBV	
7) 1,3-BUTADIENE	4.566	39	6566	0.55	PPBV #	51
8) BROMOMETHANE	4.835	94	5689	0.44	PPBV #	94
9) CHLOROETHANE	5.013	64	2186m	0.48	PPBV	
10) TRICHLOROFLUOROMETHANE	5.796	101	35119m	0.62	PPBV	
11) ISOPROPYL ALCOHOL	5.840	45	15614	0.82	PPBV	77
12) ACETONE	5.615	43	19290m	0.94	PPBV	
13) PENTANE	6.152	42	8625	0.75	PPBV	92
14) 1,1-DICHLOROETHYLENE	6.431	96	6630m	0.61	PPBV	
15) CARBON DISULFIDE	6.868	76	18586	0.57	PPBV	91
16) ETHANOL	5.110	45	3063m	0.91	PPBV	
17) BROMOETHENE	5.373	106	6754	0.55	PPBV #	78
18) METHYLENE CHLORIDE	6.550	84	10272m	0.58	PPBV	
19) 3-CHLOROPROPENE	6.674	39	5832m	0.42	PPBV	
20) FREON 113	6.813	151	13677	0.56	PPBV #	83
21) TRANS-1,2-DICHLOROETHY...	7.482	96	5160	0.51	PPBV #	75
22) TERTIARY BUTYL ALCOHOL	6.447	59	12095	0.55	PPBV	84
23) METHYL TERTIARY BUTYL ...	7.723	73	11344	0.48	PPBV	86
24) TETRAHYDROFURAN	9.168	42	4367	0.45	PPBV #	69
25) HEXANE	8.680	57	8105	0.48	PPBV #	82
26) VINYL ACETATE	7.798	43	9818	0.43	PPBV	81
27) 1,1-DICHLOROETHANE	7.677	63	11147	0.57	PPBV #	54
28) METHYL ETHYL KETONE	8.055	43	10876m	0.56	PPBV	
29) cis-1,2-DICHLOROETHYLENE	8.475	96	4961m	0.51	PPBV	
30) ETHYL ACETATE	8.678	43	17756	0.50	PPBV #	98
31) CHLOROFORM	8.761	83	15714	0.57	PPBV	89
32) 1,1,1-TRICHLOROETHANE	9.716	97	16310	0.56	PPBV	97
33) CARBON TETRACHLORIDE	10.302	117	20113	0.57	PPBV	92
34) 1,2-DICHLOROETHANE	9.478	62	9650	0.57	PPBV	97
36) BENZENE	10.165	78	14256	0.56	PPBV	95
37) CYCLOHEXANE	10.431	84	5587m	0.50	PPBV	
38) TRICHLOROETHYLENE	11.159	95	8520	0.55	PPBV	89
39) 1,2-DICHLOROPROPANE	10.942	63	5112m	0.54	PPBV	
40) BROMODICHLOROMETHANE	11.120	83	14210	0.54	PPBV	97
41) 2,2,4-TRIMETHYLPENTANE	11.186	57	23010	0.51	PPBV	93
42) 1,4-DIOXANE	11.159	88	2552m	0.51	PPBV	
43) HEPTANE	11.414	43	7787	0.44	PPBV #	77

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3338.D
Acq On : 4 May 2007 12:52 pm
Operator : PhilipB
Sample : IC180-.5 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 14:35:09 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 12:28:30 2007
Response via : Initial Calibration

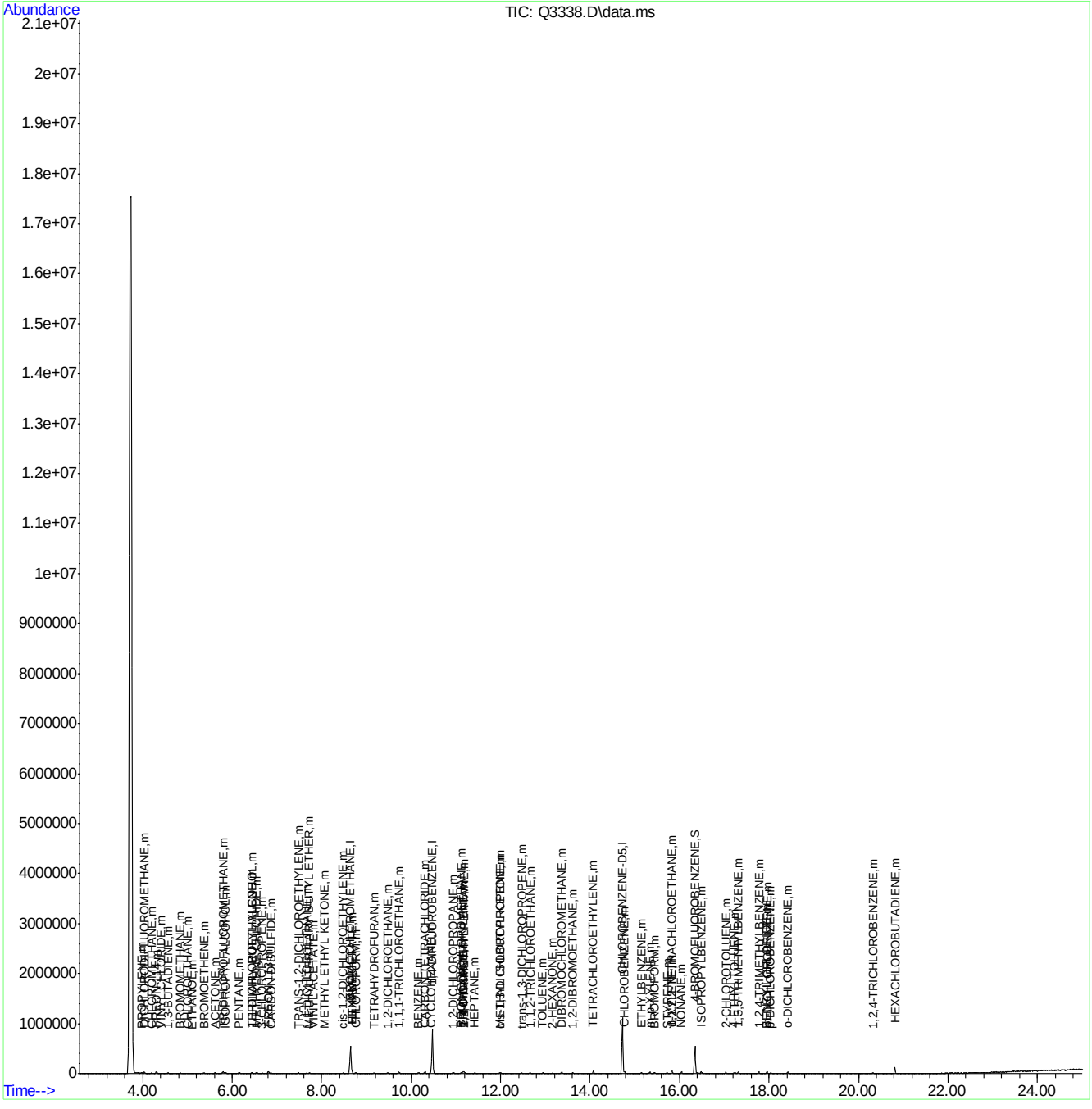
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) METHYL ISOBUTYL KETONE	11.993	43	10341	0.43	PPBV	#	60
45) cis-1,3-DICHLOROPROPENE	11.974	75	6452	0.43	PPBV	#	78
46) TOLUENE	12.941	92	7628	0.44	PPBV		98
47) trans-1,3-DICHLOROPROPENE	12.479	75	3399	0.29	PPBV	#	67
48) 1,1,2-TRICHLOROETHANE	12.655	83	5207	0.31	PPBV		89
50) 2-HEXANONE	13.164	43	6606	0.33	PPBV		89
51) TETRACHLOROETHYLENE	14.068	164	7185	0.48	PPBV	#	75
52) DIBROMOCHLOROMETHANE	13.365	129	11383	0.43	PPBV		97
53) 1,2-DIBROMOETHANE	13.617	107	9057	0.48	PPBV	#	93
54) CHLOROBENZENE	14.765	112	13225	0.53	PPBV		96
55) ETHYLBENZENE	15.142	91	17995	0.44	PPBV		96
56) m,p-XYLENE	15.346	106	13229m	0.83	PPBV		
57) o-XYLENE	15.837	106	6475	0.40	PPBV		94
58) STYRENE	15.724	104	5837	0.29	PPBV		95
59) NONANE	16.043	43	10447	0.40	PPBV		86
60) BROMOFORM	15.438	173	8517	0.38	PPBV		92
62) 1,1,2,2-TETRACHLOROETHANE	15.828	83	15128	0.57	PPBV		98
63) ISOPROPYLBENZENE	16.485	105	20595	0.35	PPBV		87
64) 2-CHLOROTOLUENE	17.033	91	14726	0.41	PPBV		96
65) 4-ETHYLTOLUENE	17.220	105	13232	0.33	PPBV	#	99
66) 1,3,5-TRIMETHYLBENZENE	17.312	105	17906	0.44	PPBV		91
67) 1,2,4-TRIMETHYLBENZENE	17.775	105	15021	0.39	PPBV		89
68) m-DICHLOROBENZENE	17.955	146	10250	0.46	PPBV		94
69) BENZYL CHLORIDE	17.935	91	6549	0.32	PPBV		85
70) p-DICHLOROBENZENE	18.033	146	8631	0.43	PPBV		88
71) o-DICHLOROBENZENE	18.414	146	12961	0.59	PPBV		95
72) HEXACHLOROBUTADIENE	20.812	225	13076	1.65	PPBV		97
73) 1,2,4-TRICHLOROBENZENE	20.322	180	3698	0.95	PPBV		87

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3338.D
Acq On : 4 May 2007 12:52 pm
Operator : PhilipB
Sample : IC180-.5 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

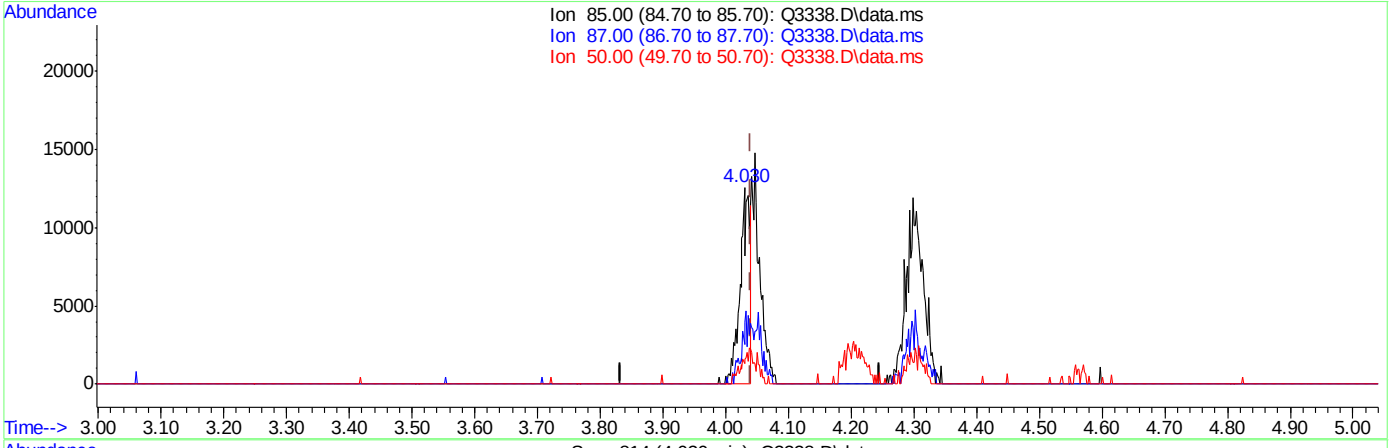
Quant Time: May 04 14:35:09 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 12:28:30 2007
Response via : Initial Calibration

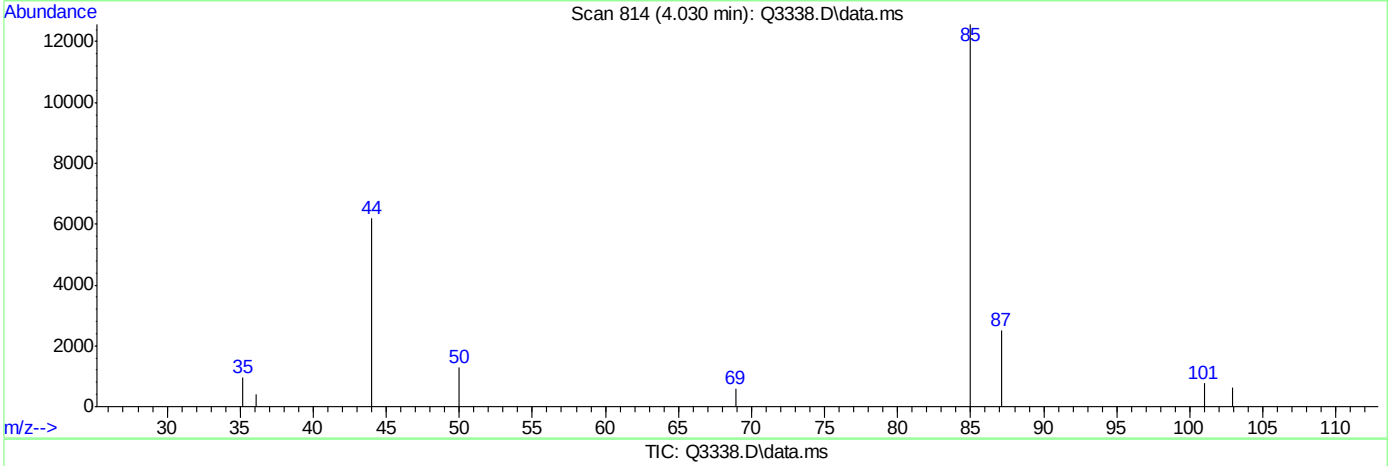


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3338.D
Acq On : 4 May 2007 12:52 pm
Operator : PhilipB
Sample : IC180-.5 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 13:25:53 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 12:28:30 2007
Response via : Initial Calibration





TIC: Q3338.D\data.ms

(2) DICHLORODIFLUOROMETHANE (m)

4.030min (-0.010) 0.28PPBV

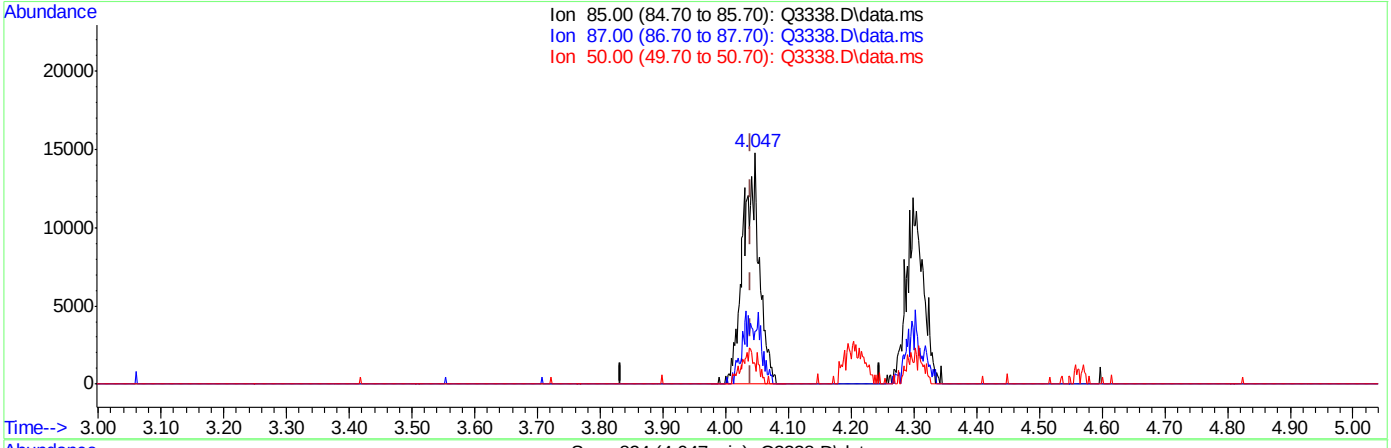
response 14378

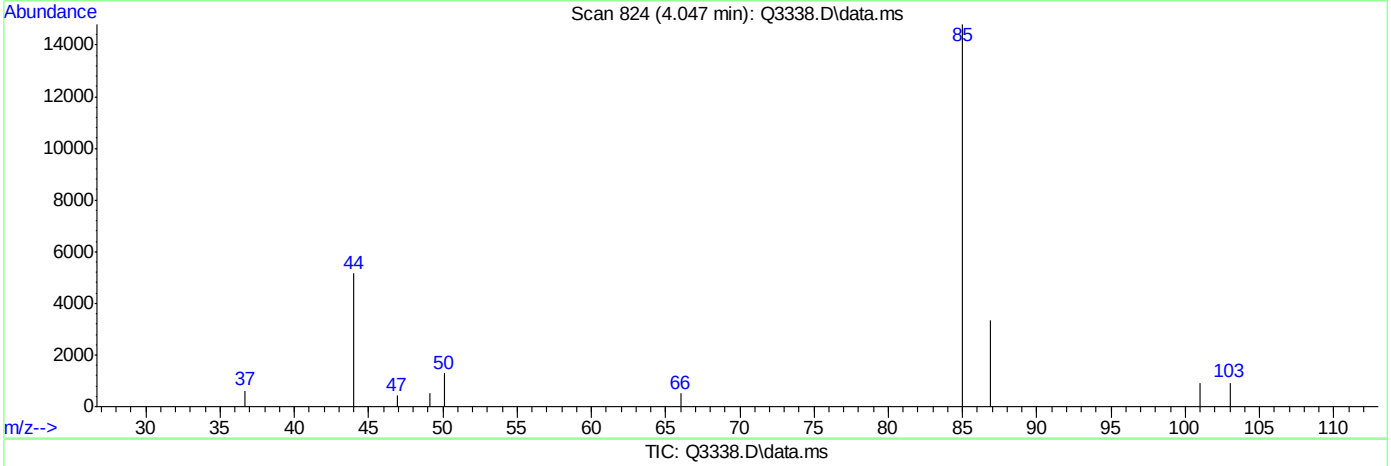
Ion	Exp%	Act%
85.00	100	100
87.00	32.80	61.49#
50.00	11.60	20.97
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3338.D
Acq On    :  4 May 2007  12:52 pm
Operator  : PhilipB
Sample    : IC180-.5 (M057)
Misc      : MS13469,MSQ180,,,,,1
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: May 04 13:25:53 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 12:28:30 2007
Response via : Initial Calibration
```



TIC: Q3338.D\data.ms

(2) DICHLORODIFLUOROMETHANE (m)

4.047min (+0.007) 0.53PPBV m

response 27403

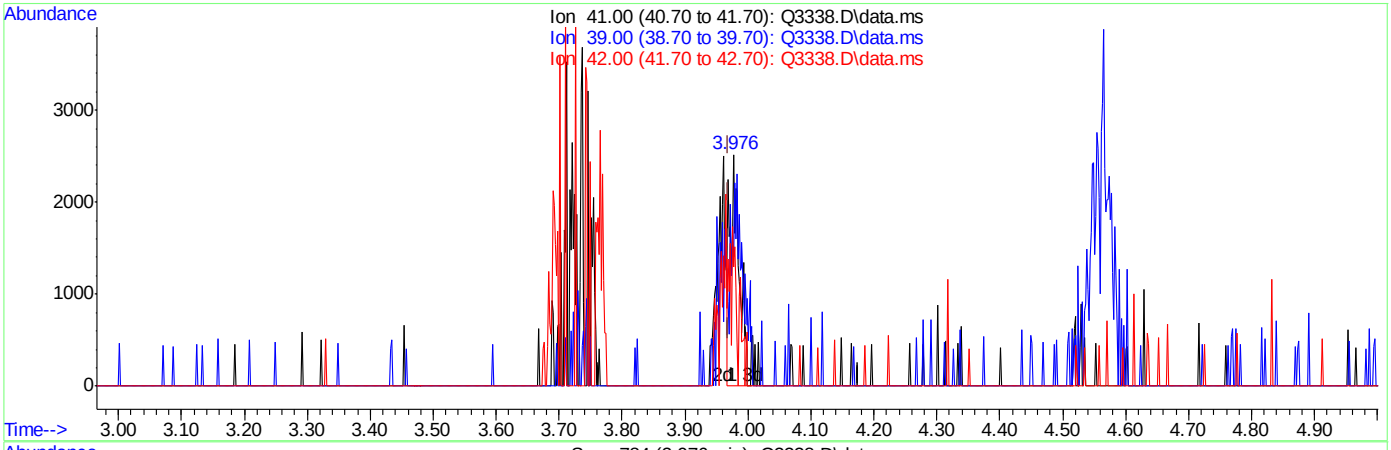
Ion	Exp%	Act%
85.00	100	100
87.00	32.80	32.26
50.00	11.60	11.00
0.00	0.00	0.00

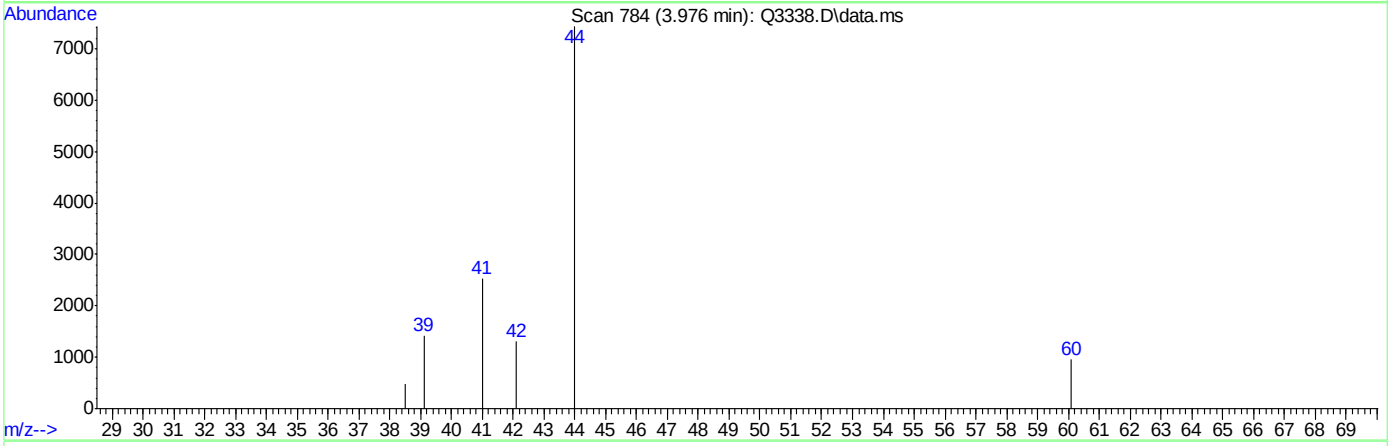
ACCUTEST Laboratories M64901

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3338.D
Acq On    :  4 May 2007  12:52 pm
Operator  : PhilipB
Sample    : IC180-.5 (M057)
Misc      : MS13469,MSQ180,,,,,1
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: May 04 13:25:53 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 12:28:30 2007
Response via : Initial Calibration
```



TIC: Q3338.D\data.ms

(3) PROPYLENE (m)

3.976min (+0.007) 0.27PPBV

response 2626

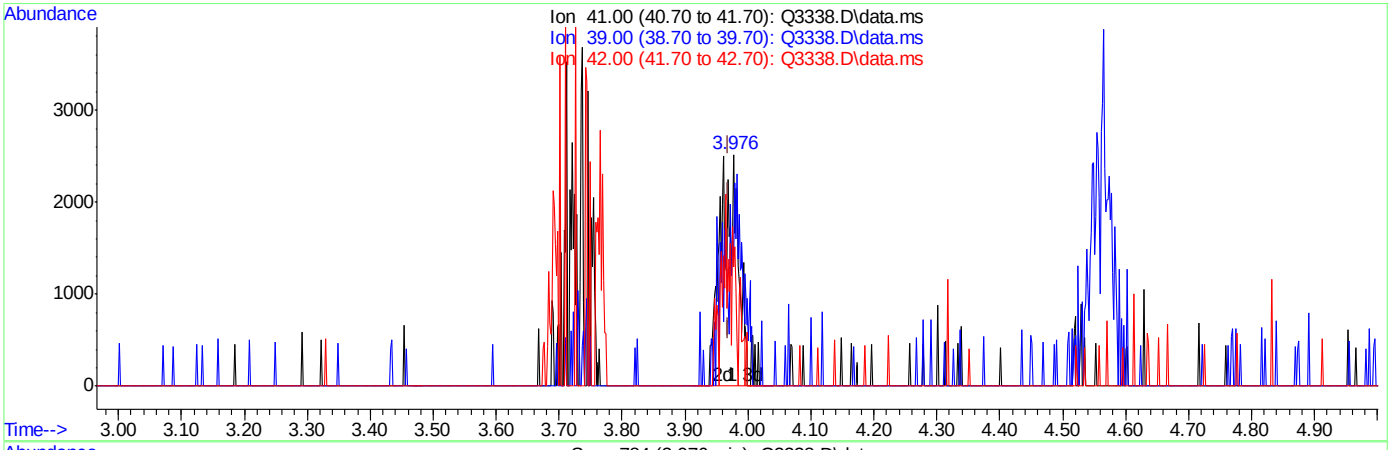
Ion	Exp%	Act%
41.00	100	100
39.00	77.40	55.92#
42.00	67.90	51.59
0.00	0.00	0.00

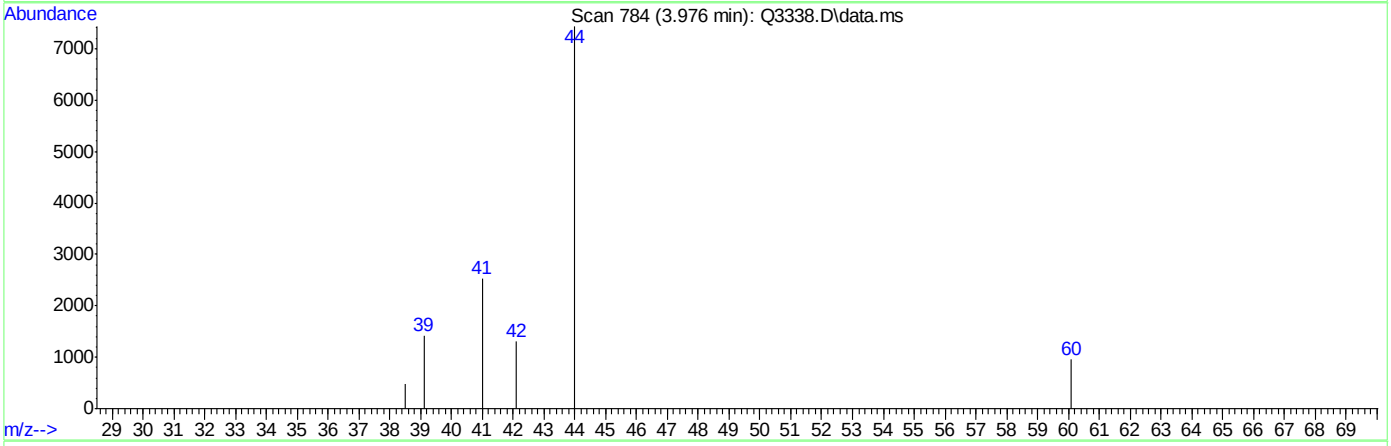
ACCUTEST Laboratories M64901

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3338.D
Acq On : 4 May 2007 12:52 pm
Operator : PhilipB
Sample : IC180-.5 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 13:25:53 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 12:28:30 2007
Response via : Initial Calibration





TIC: Q3338.D\data.ms

(3) PROPYLENE (m)

3.976min (+0.007) 0.51PPBV m

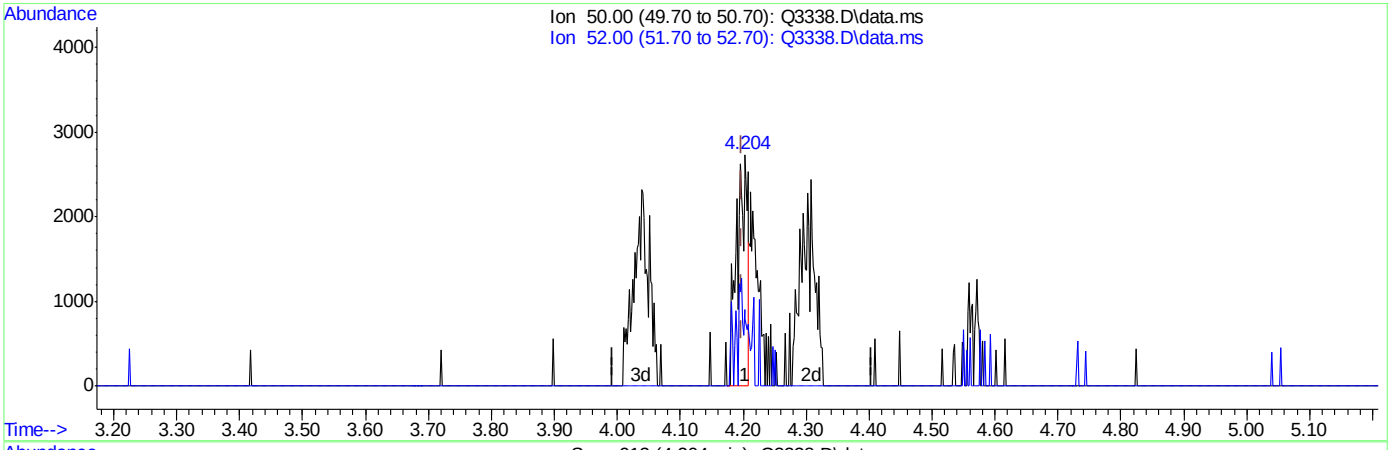
response 4978

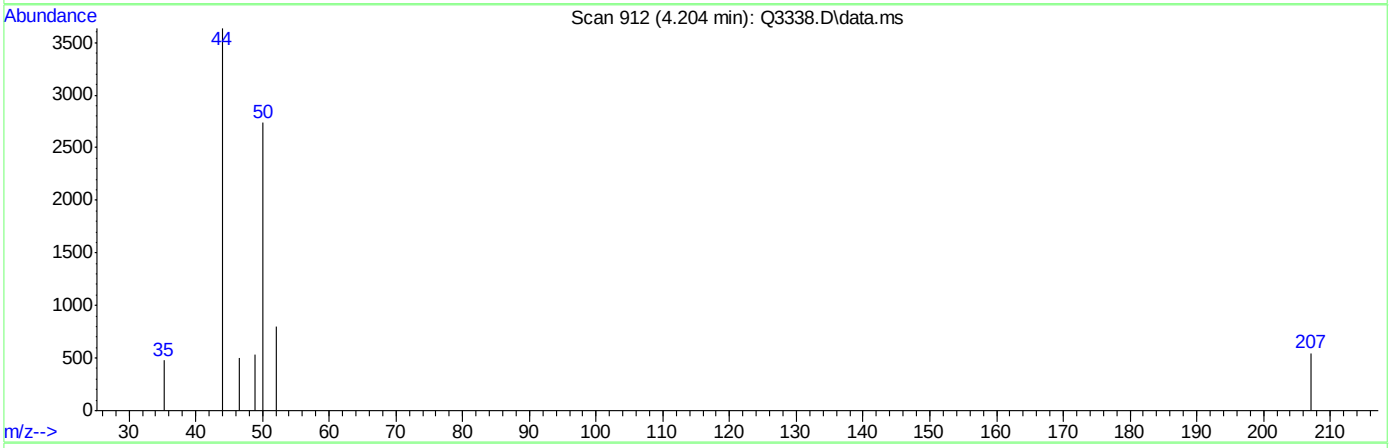
Ion	Exp%	Act%
41.00	100	100
39.00	77.40	55.92#
42.00	67.90	51.59
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3338.D
Acq On : 4 May 2007 12:52 pm
Operator : PhilipB
Sample : IC180-.5 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 13:25:53 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 12:28:30 2007
Response via : Initial Calibration





TIC: Q3338.D\data.ms

(5) CHLOROMETHANE (m)

4.204min (+0.005) 0.30PPBV

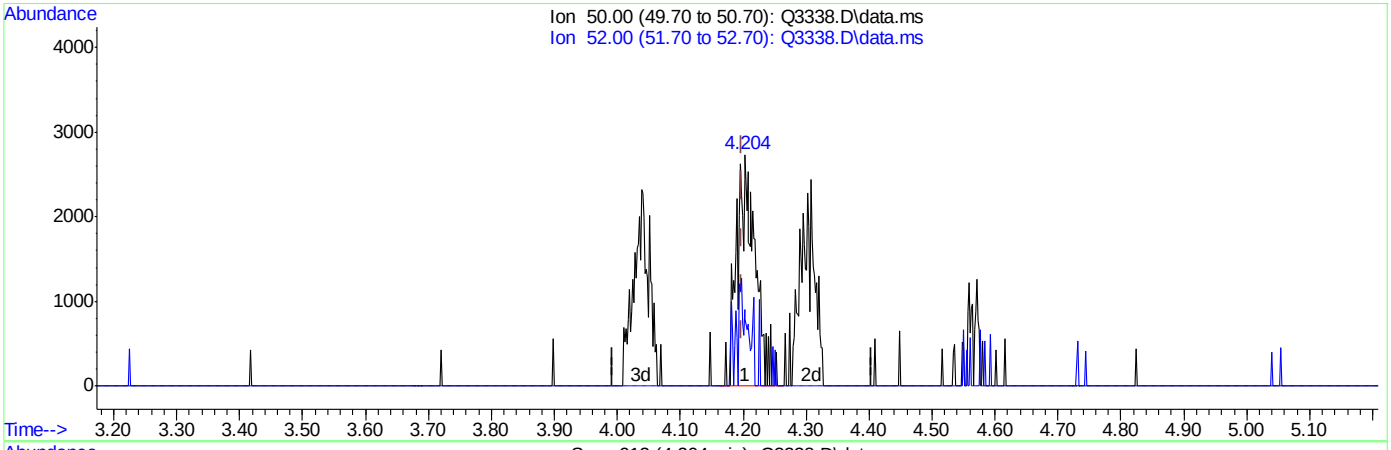
response 3355

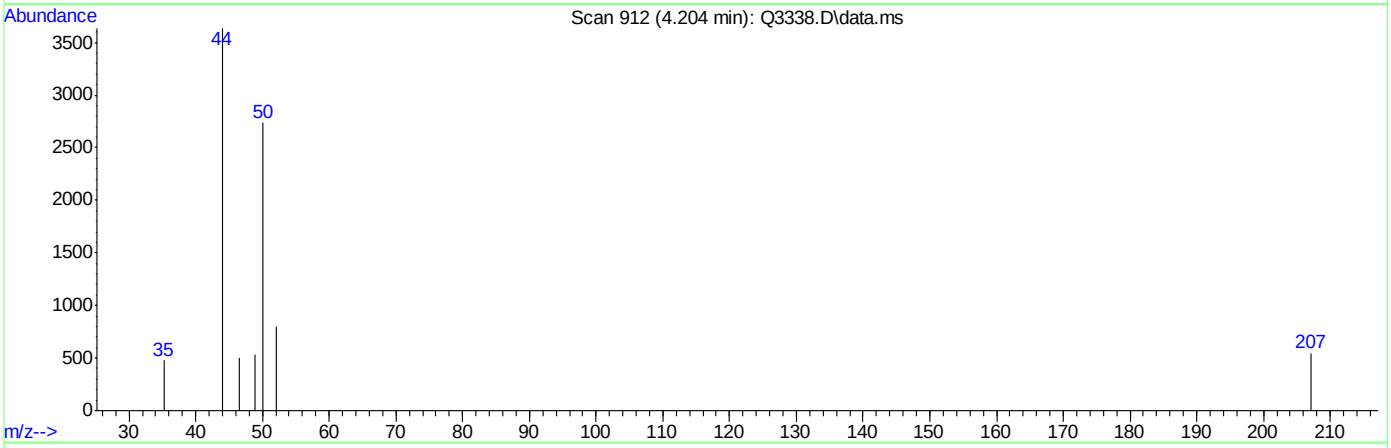
Ion	Exp%	Act%
50.00	100	100
52.00	31.60	23.76
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3338.D
Acq On : 4 May 2007 12:52 pm
Operator : PhilipB
Sample : IC180-.5 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 13:25:53 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 12:28:30 2007
Response via : Initial Calibration





TIC: Q3338.D\data.ms

(5) CHLOROMETHANE (m)

4.204min (+0.005) 0.51PPBV m

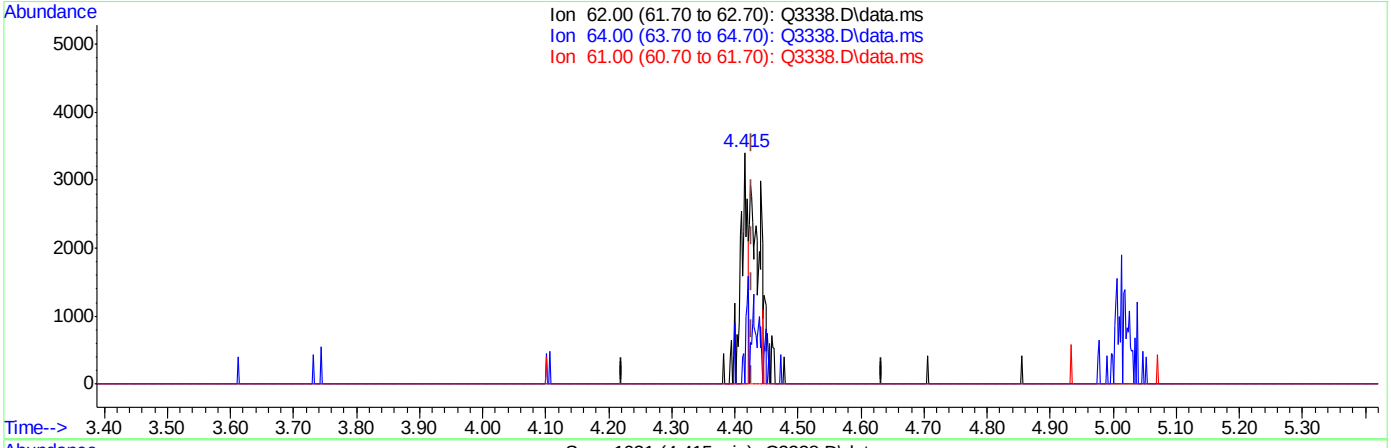
response 5689

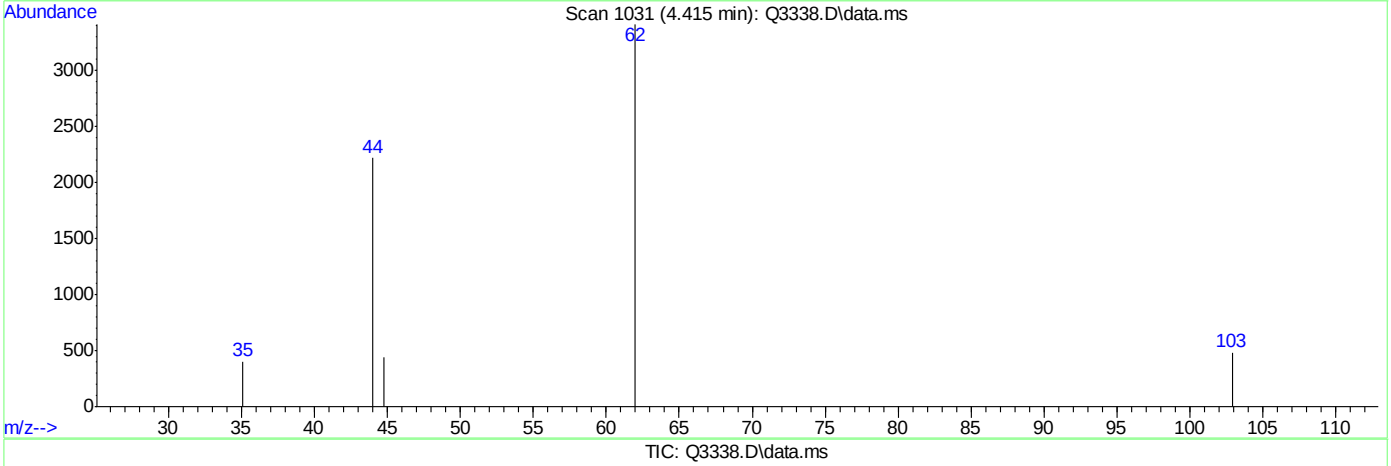
Ion	Exp%	Act%
50.00	100	100
52.00	31.60	29.06
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3338.D
Acq On : 4 May 2007 12:52 pm
Operator : PhilipB
Sample : IC180-.5 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 13:25:53 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 12:28:30 2007
Response via : Initial Calibration





TIC: Q3338.D\data.ms

(6) VINYL CHLORIDE (m)

4.415min (-0.012) 0.22PPBV

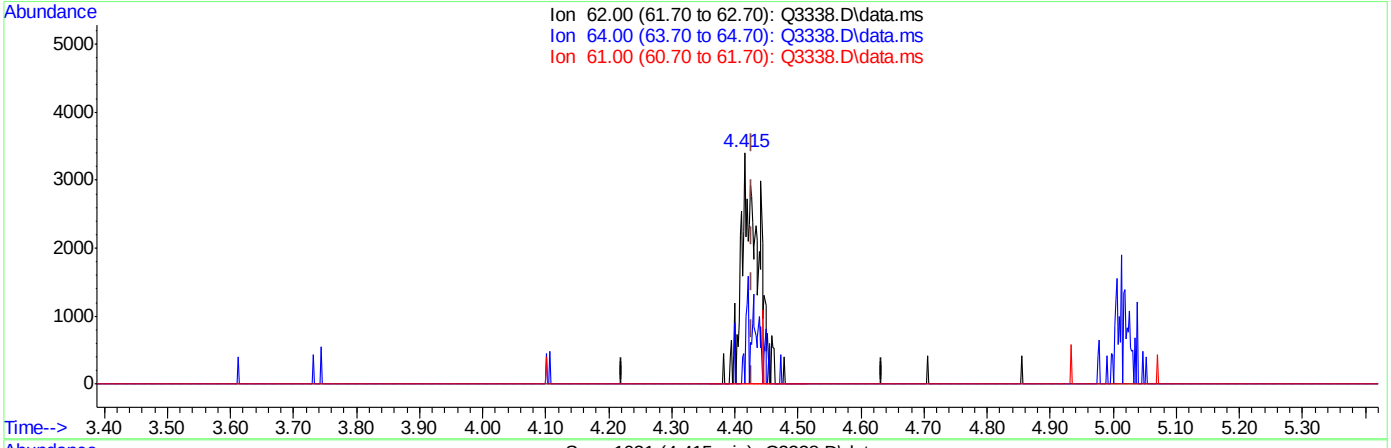
response 2534

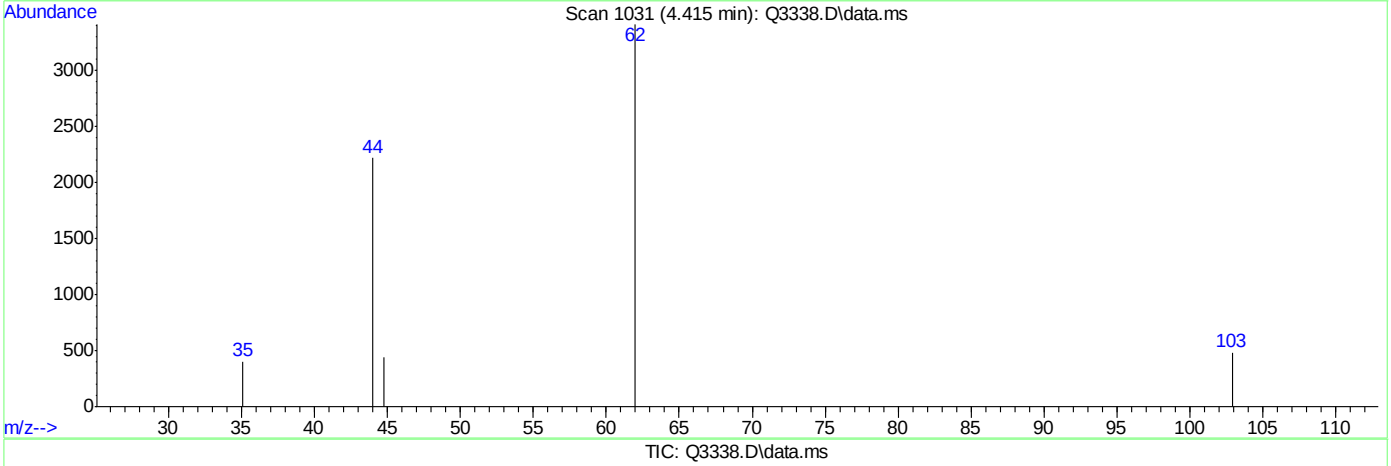
Ion	Exp%	Act%
62.00	100	100
64.00	31.80	42.62
61.00	8.20	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3338.D
Acq On : 4 May 2007 12:52 pm
Operator : PhilipB
Sample : IC180-.5 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 13:25:53 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 12:28:30 2007
Response via : Initial Calibration





TIC: Q3338.D\data.ms

(6) VINYL CHLORIDE (m)

4.415min (-0.012) 0.55PPBV m

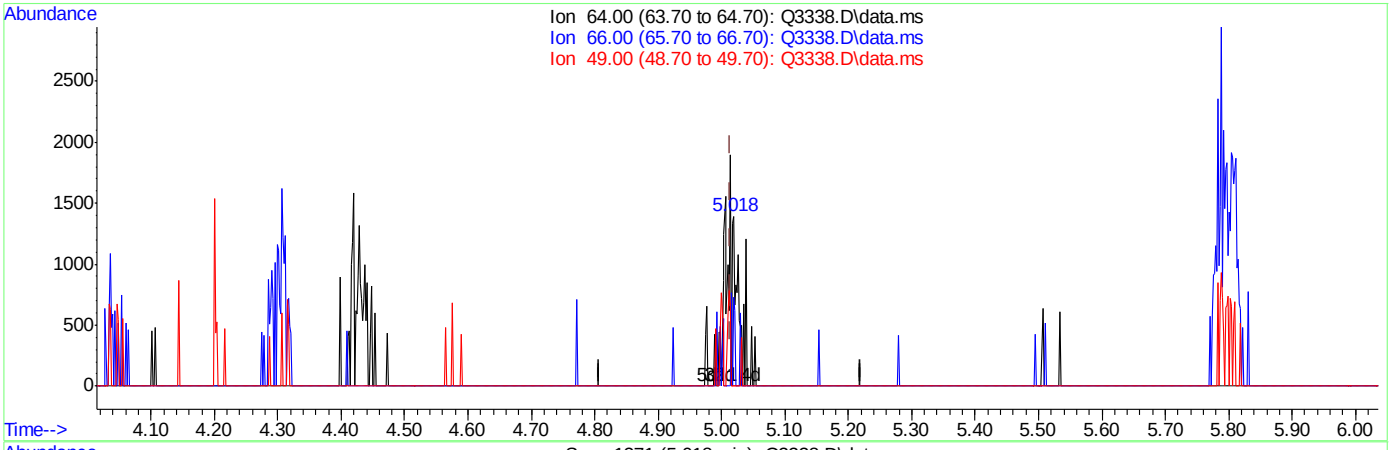
response 6429

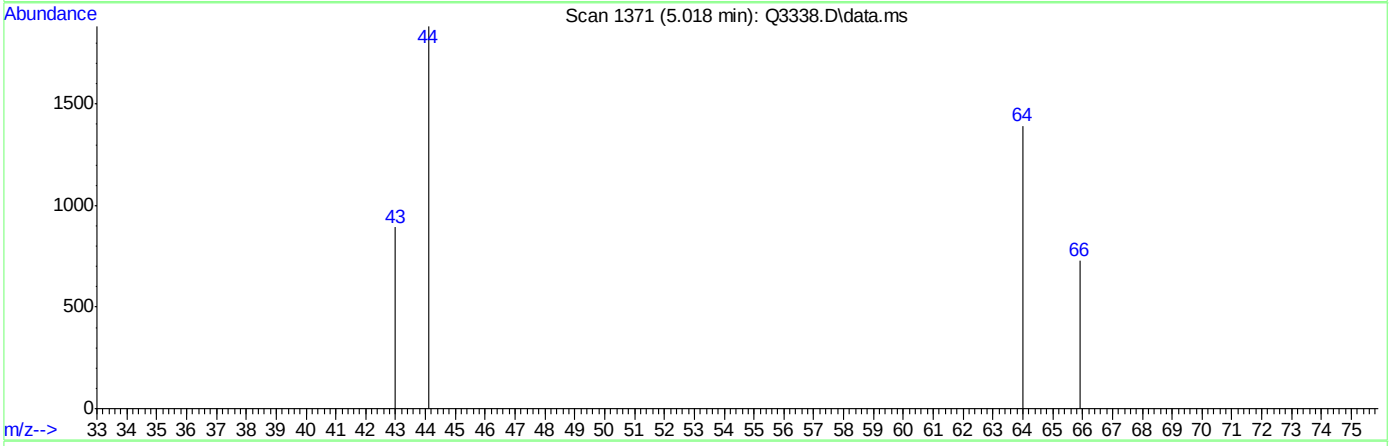
Ion	Exp%	Act%
62.00	100	100
64.00	31.80	16.80
61.00	8.20	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3338.D
Acq On : 4 May 2007 12:52 pm
Operator : PhilipB
Sample : IC180-.5 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 13:25:53 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 12:28:30 2007
Response via : Initial Calibration





TIC: Q3338.D\data.ms

(9) CHLOROETHANE (m)

5.018min (+0.004) 0.19PPBV

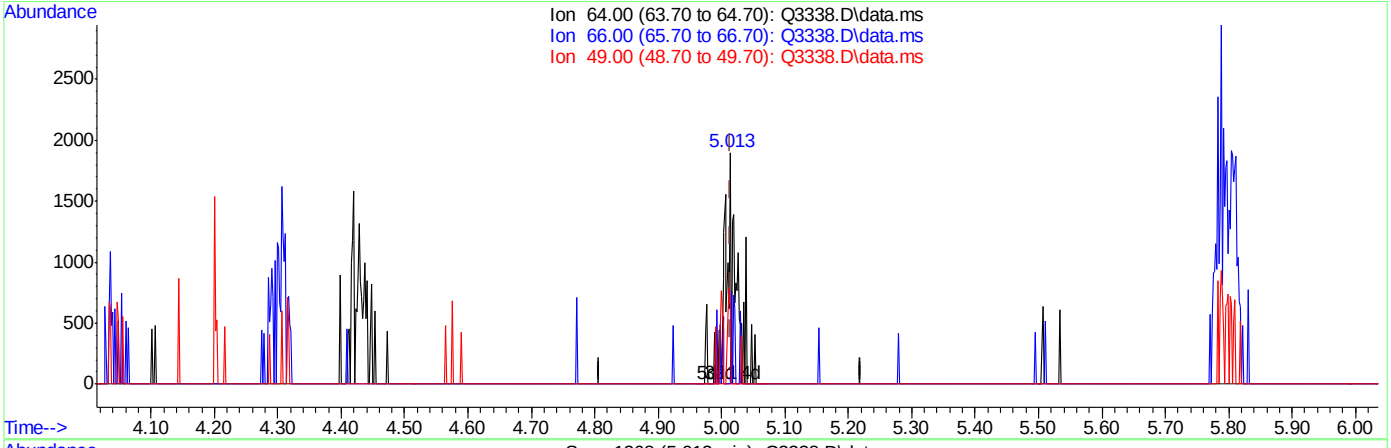
response 882

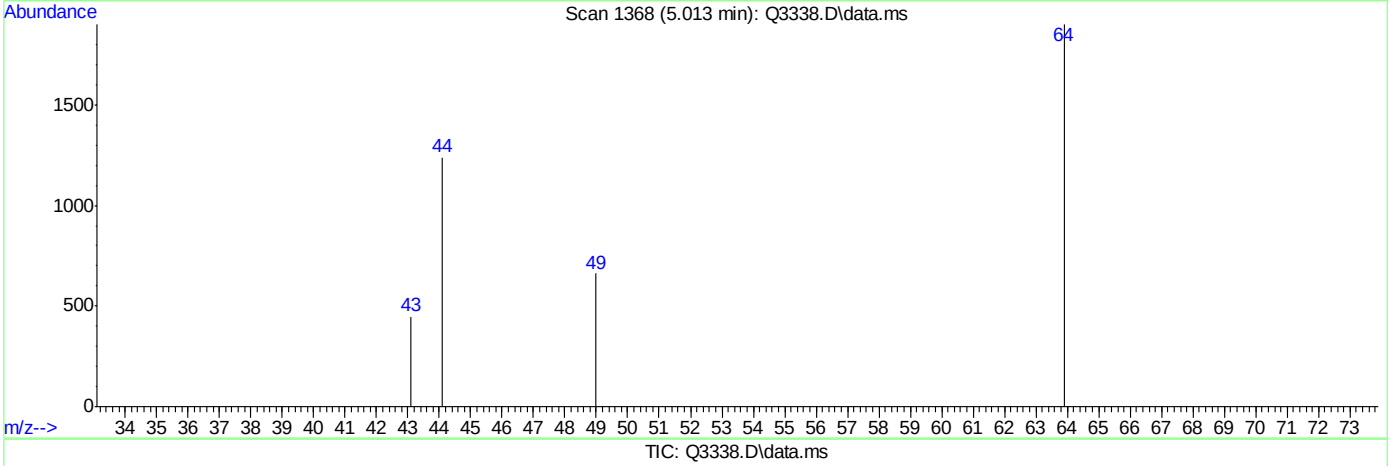
Ion	Exp%	Act%
64.00	100	100
66.00	33.60	25.51
49.00	30.70	24.72
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3338.D
Acq On : 4 May 2007 12:52 pm
Operator : PhilipB
Sample : IC180-.5 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 13:25:53 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 12:28:30 2007
Response via : Initial Calibration





TIC: Q3338.D\data.ms

(9) CHLOROETHANE (m)

5.013min (-0.001) 0.48PPBV m

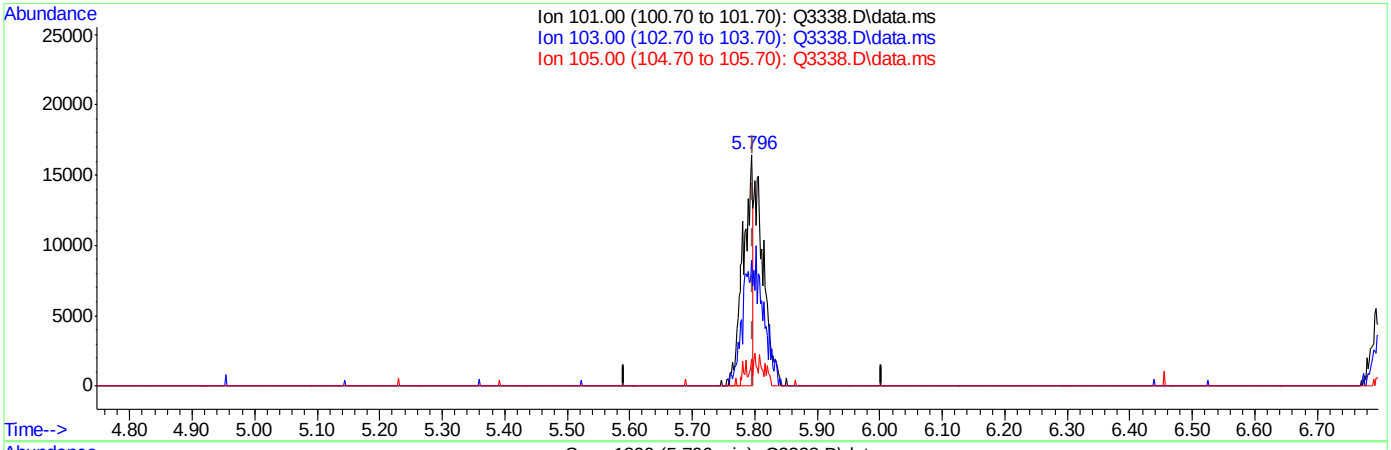
response 2186

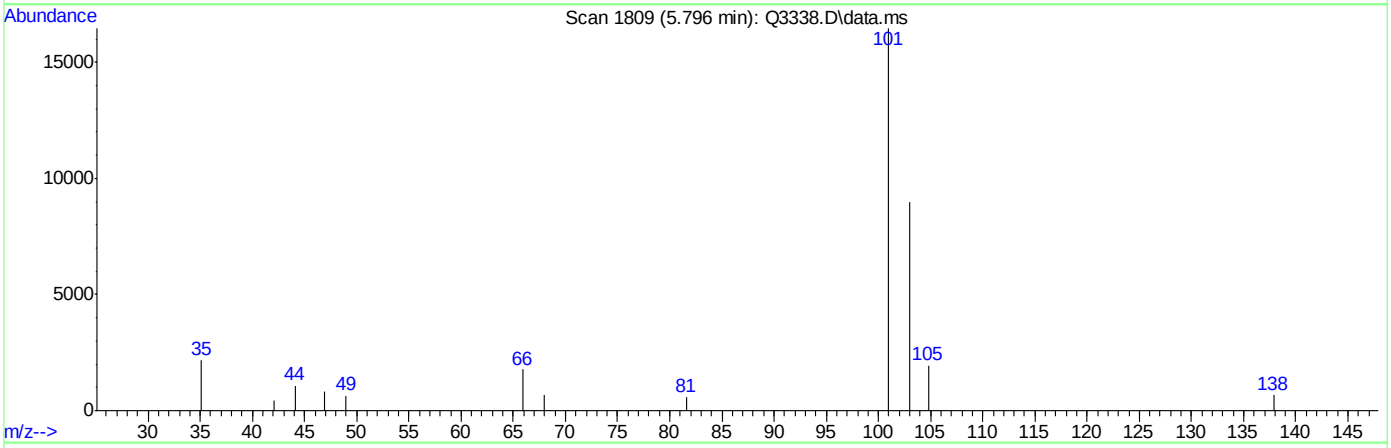
Ion	Exp%	Act%
64.00	100	100
66.00	33.60	10.29#
49.00	30.70	9.97#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3338.D
Acq On : 4 May 2007 12:52 pm
Operator : PhilipB
Sample : IC180-.5 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 13:25:53 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 12:28:30 2007
Response via : Initial Calibration





TIC: Q3338.D\data.ms

(10) TRICHLOROFLUOROMETHANE (m)

5.796min (-0.001) 0.32PPBV

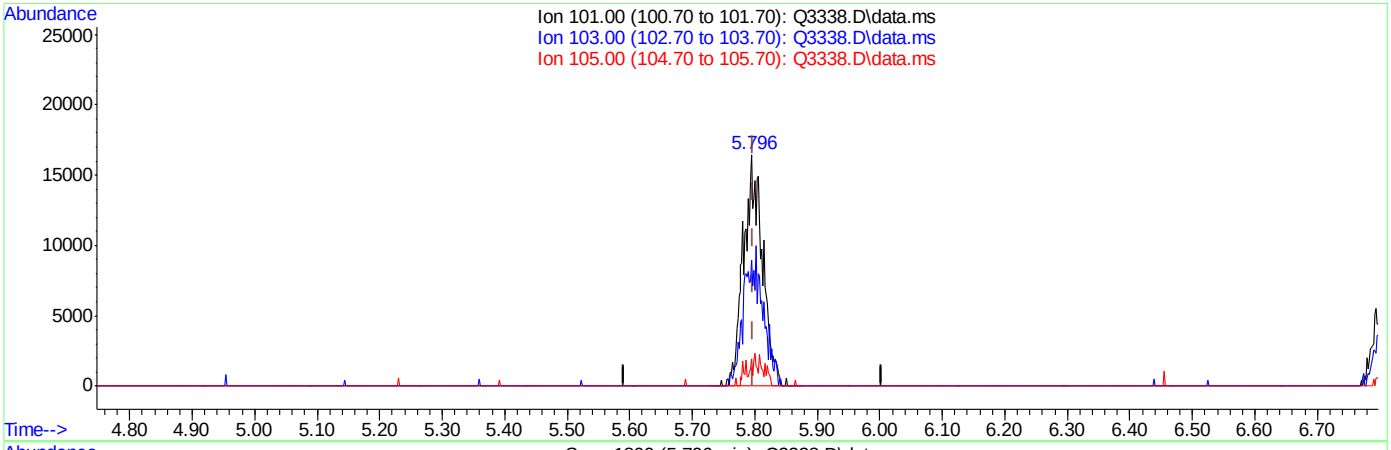
response 17988

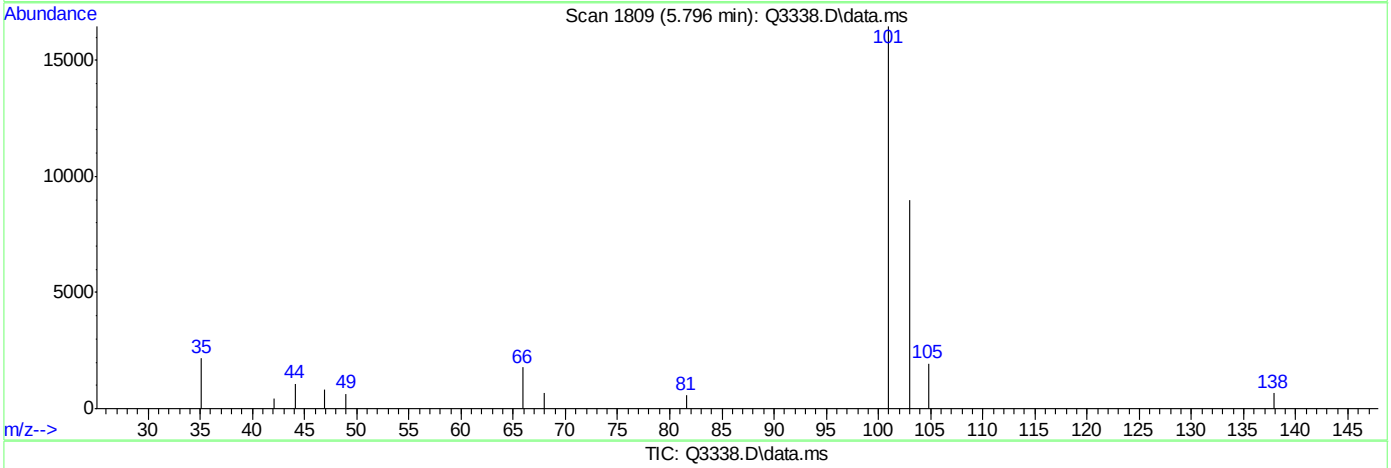
Ion	Exp%	Act%
101.00	100	100
103.00	64.80	77.47
105.00	10.30	12.30
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3338.D
Acq On : 4 May 2007 12:52 pm
Operator : PhilipB
Sample : IC180-.5 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 13:25:53 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 12:28:30 2007
Response via : Initial Calibration





TIC: Q3338.D\data.ms

(10) TRICHLOROFLUOROMETHANE (m)

5.796min (-0.001) 0.62PPBV m

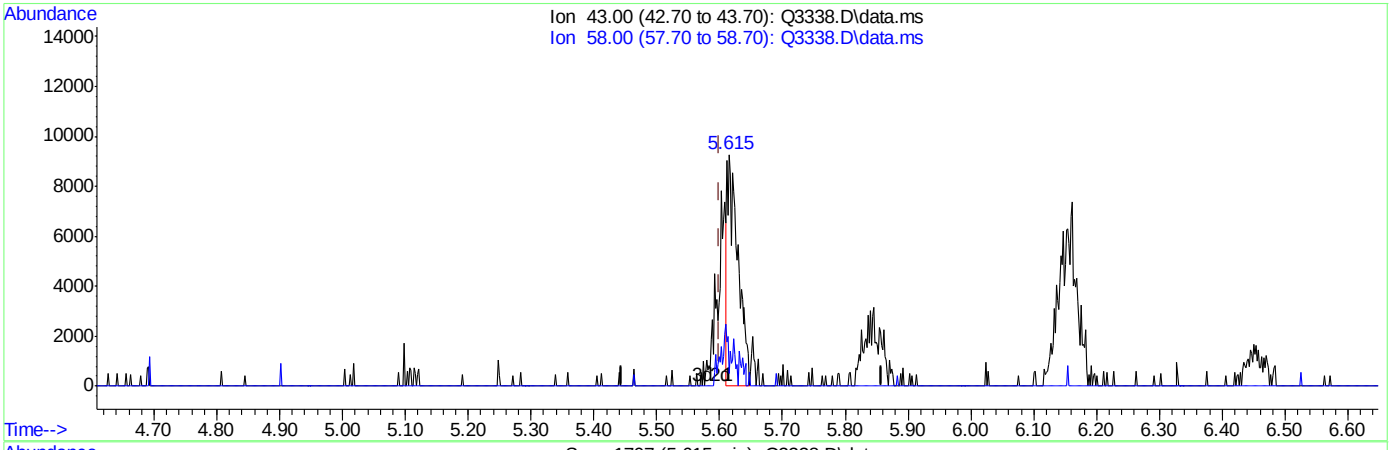
response 35119

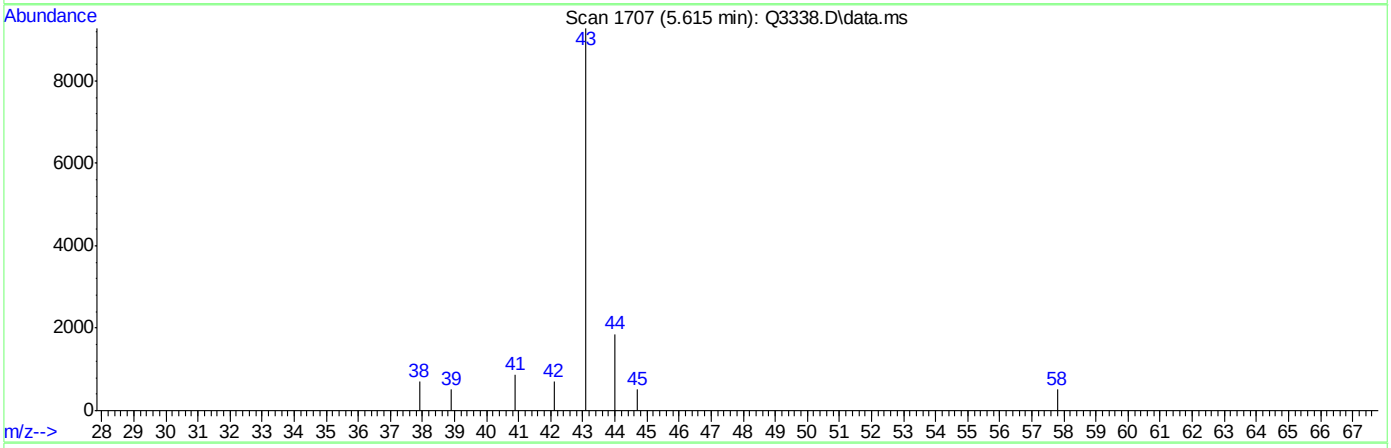
Ion	Exp%	Act%
101.00	100	100
103.00	64.80	39.68#
105.00	10.30	6.30
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3338.D
Acq On : 4 May 2007 12:52 pm
Operator : PhilipB
Sample : IC180-.5 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 13:25:53 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 12:28:30 2007
Response via : Initial Calibration





TIC: Q3338.D\data.ms

(12) ACETONE (m)

5.615min (+0.015) 0.55PPBV

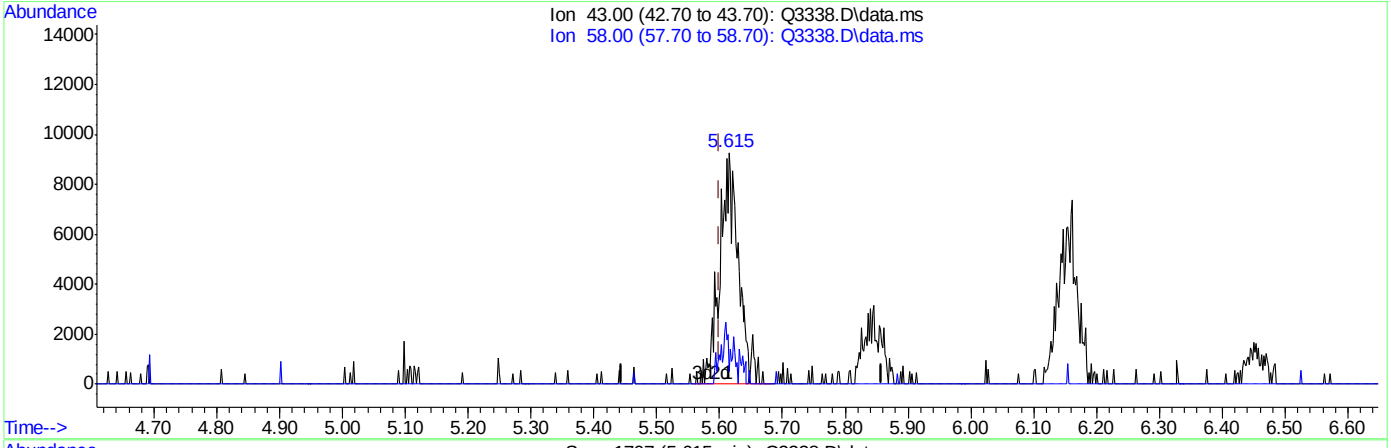
response 11307

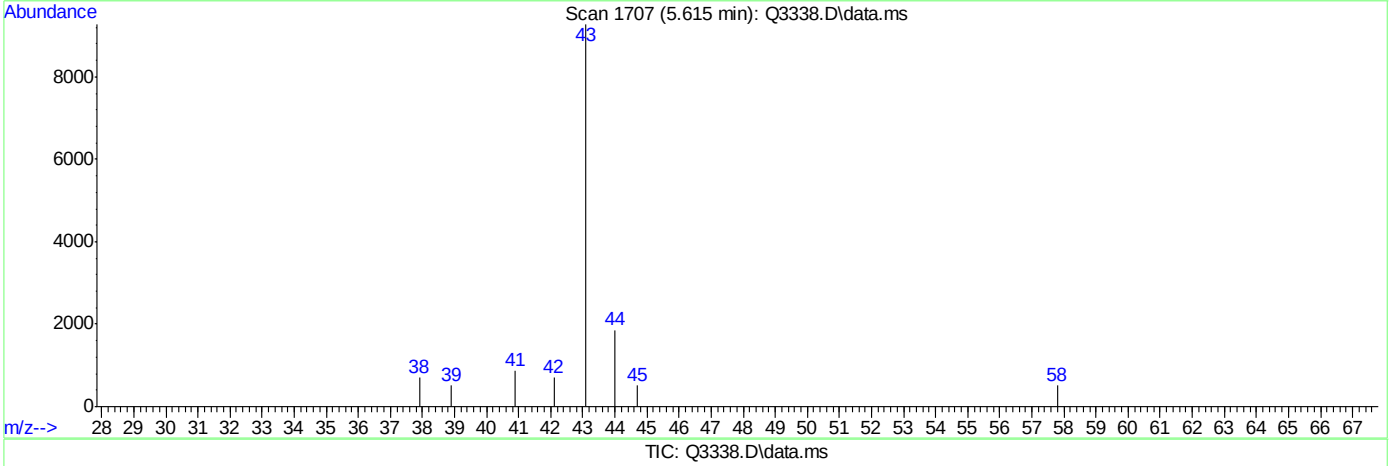
Ion	Exp%	Act%
43.00	100	100
58.00	25.40	30.85
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3338.D
Acq On : 4 May 2007 12:52 pm
Operator : PhilipB
Sample : IC180-.5 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 13:25:53 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 12:28:30 2007
Response via : Initial Calibration





TIC: Q3338.D\data.ms

(12) ACETONE (m)

5.615min (+0.015) 0.94PPBV m

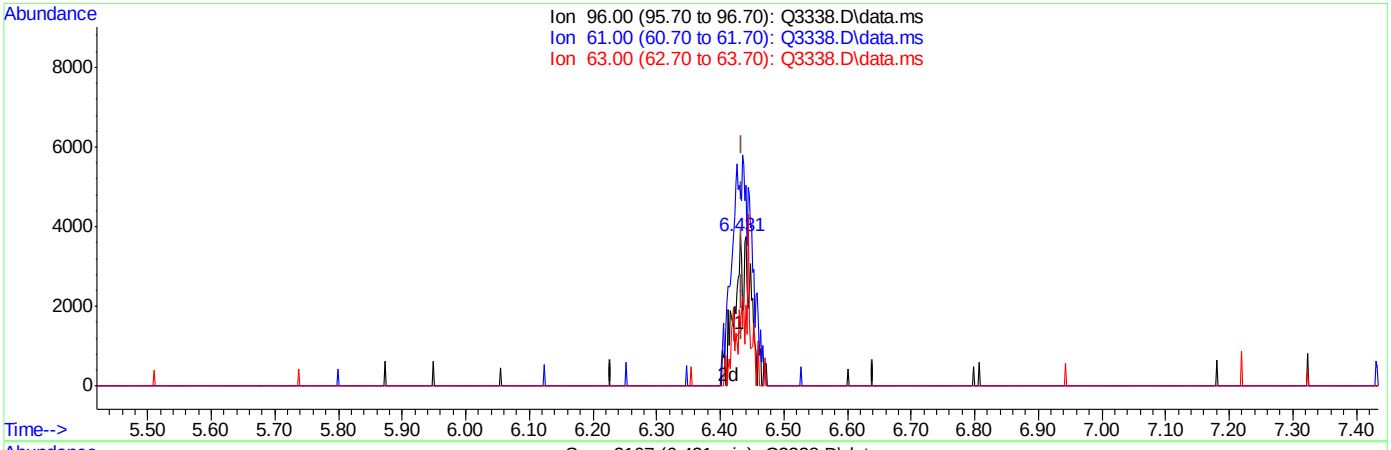
response 19290

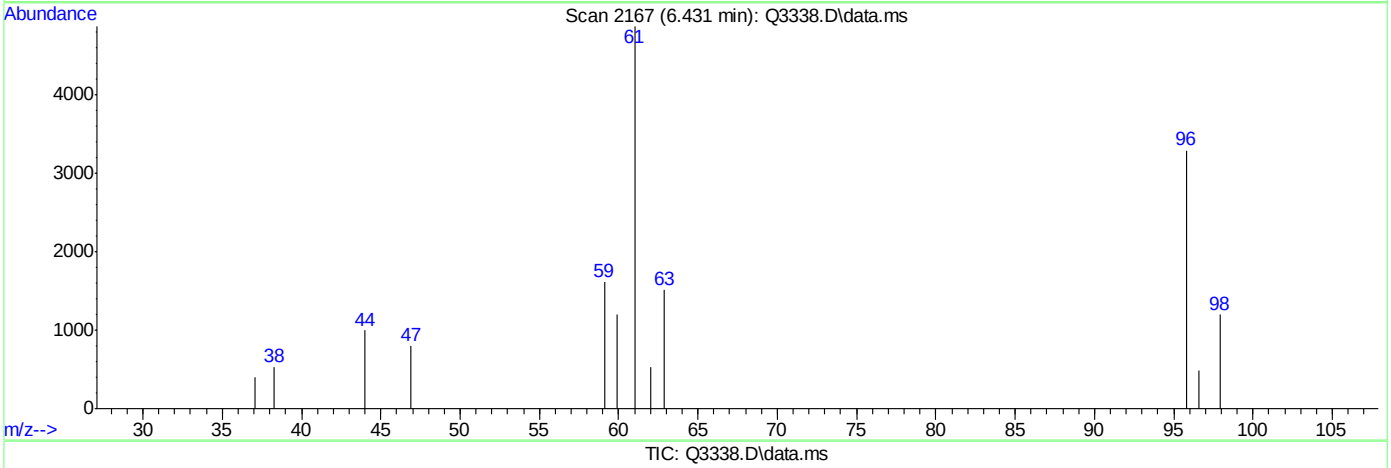
Ion	Exp%	Act%
43.00	100	100
58.00	25.40	18.08
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3338.D
Acq On : 4 May 2007 12:52 pm
Operator : PhilipB
Sample : IC180-.5 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 13:25:53 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 12:28:30 2007
Response via : Initial Calibration





TIC: Q3338.D\data.ms

(14) 1,1-DICHLOROETHYLENE (m)

6.431min (-0.003) 0.10PPBV

response 1081

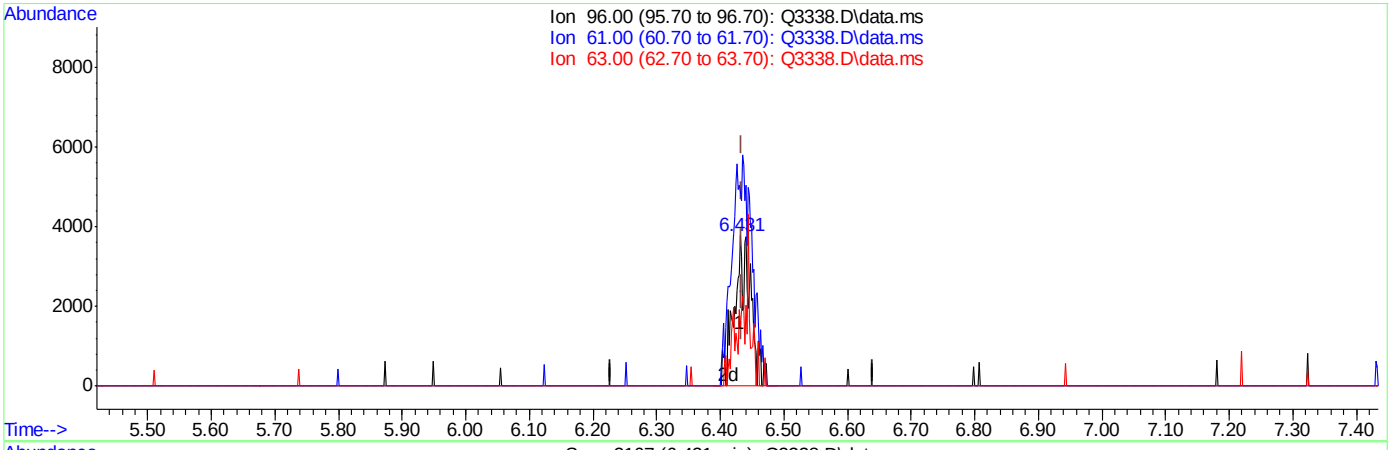
Ion	Exp%	Act%
96.00	100	100
61.00	167.00	793.34#
63.00	54.40	74.38
0.00	0.00	0.00

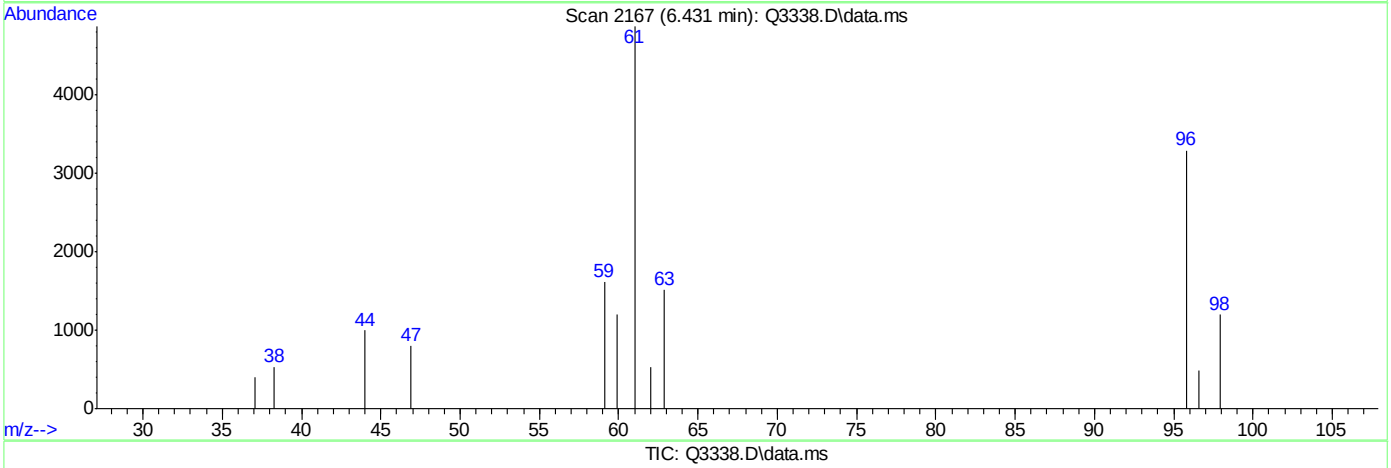
ACCUTEST Laboratories M64901

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3338.D
Acq On : 4 May 2007 12:52 pm
Operator : PhilipB
Sample : IC180-.5 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 13:25:53 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 12:28:30 2007
Response via : Initial Calibration





TIC: Q3338.D\data.ms

(14) 1,1-DICHLOROETHYLENE (m)

6.431min (-0.003) 0.61PPBV m

response 6630

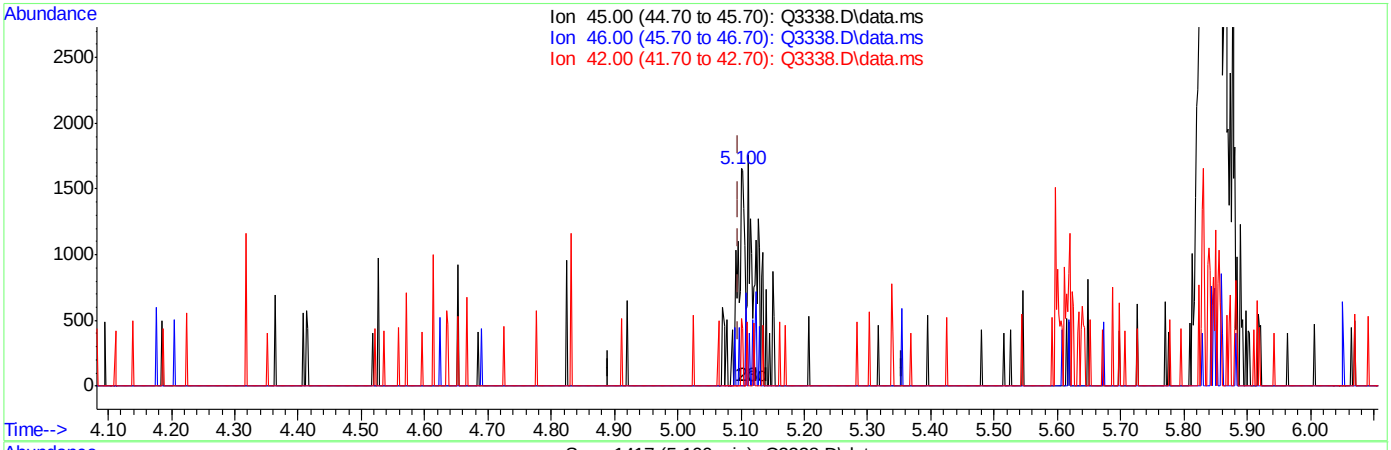
Ion	Exp%	Act%
96.00	100	100
61.00	167.00	129.35#
63.00	54.40	12.13#
0.00	0.00	0.00

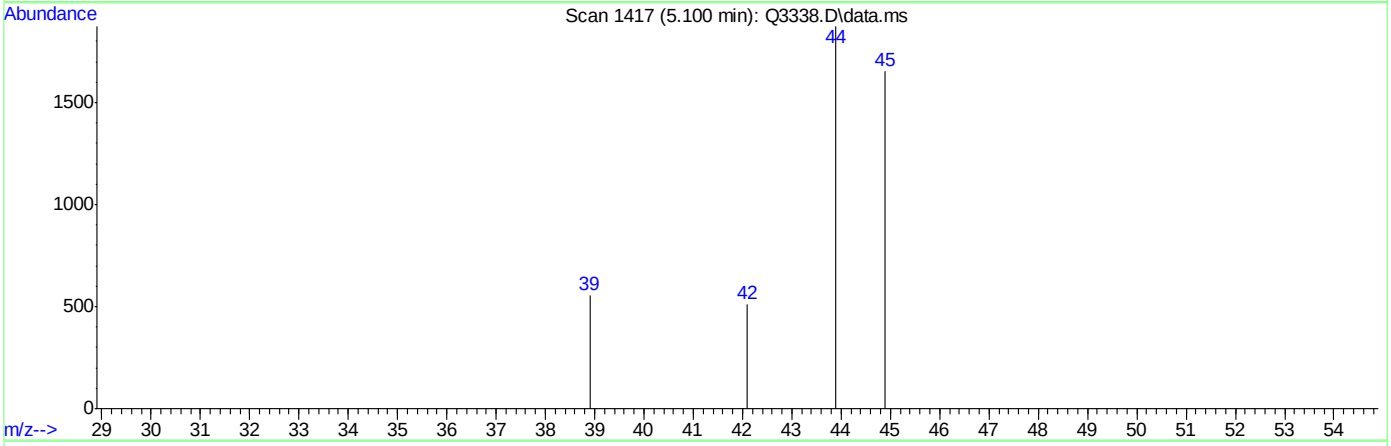
ACCUTEST Laboratories M64901

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3338.D
Acq On : 4 May 2007 12:52 pm
Operator : PhilipB
Sample : IC180-.5 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 13:25:53 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 12:28:30 2007
Response via : Initial Calibration





TIC: Q3338.D\data.ms

(16) ETHANOL (m)

5.100min (+0.003) 0.36PPBV

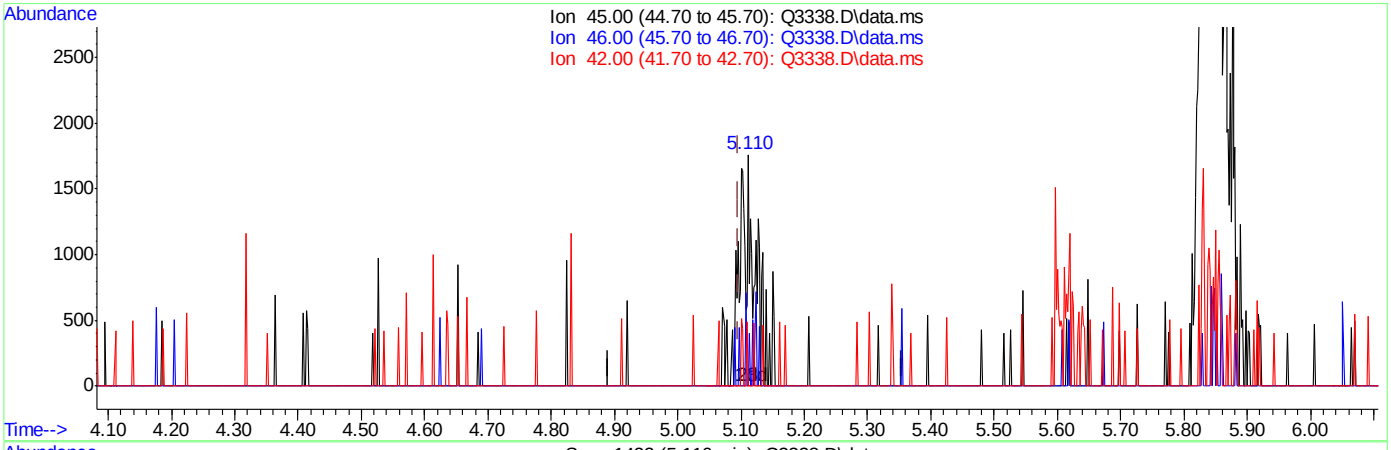
response 1203

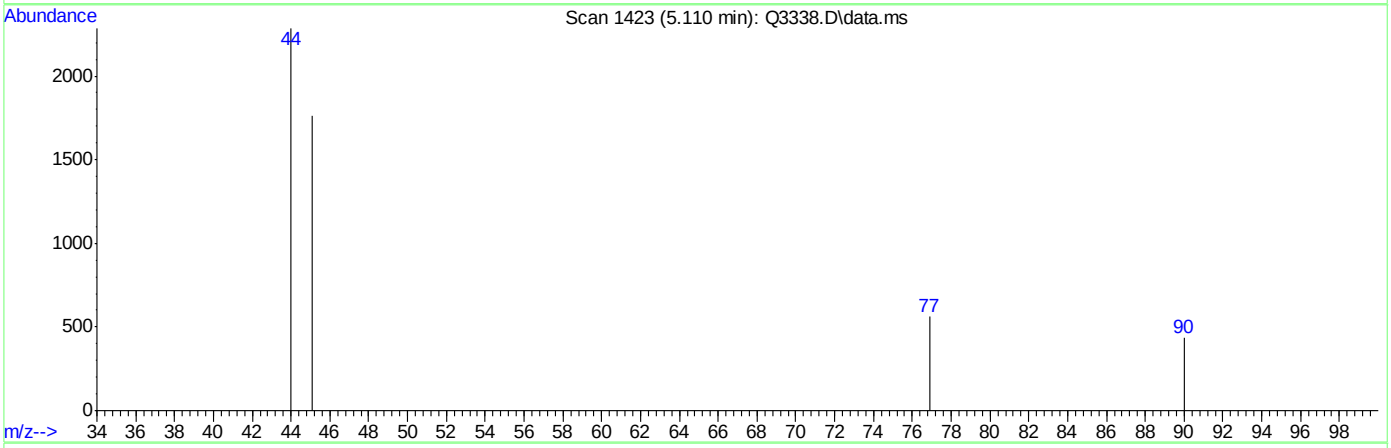
Ion	Exp%	Act%
45.00	100	100
46.00	30.60	7.98#
42.00	4.60	8.40
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3338.D
Acq On : 4 May 2007 12:52 pm
Operator : PhilipB
Sample : IC180-.5 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 13:25:53 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 12:28:30 2007
Response via : Initial Calibration





TIC: Q3338.D\data.ms

(16) ETHANOL (m)

5.110min (+0.013) 0.91PPBV m

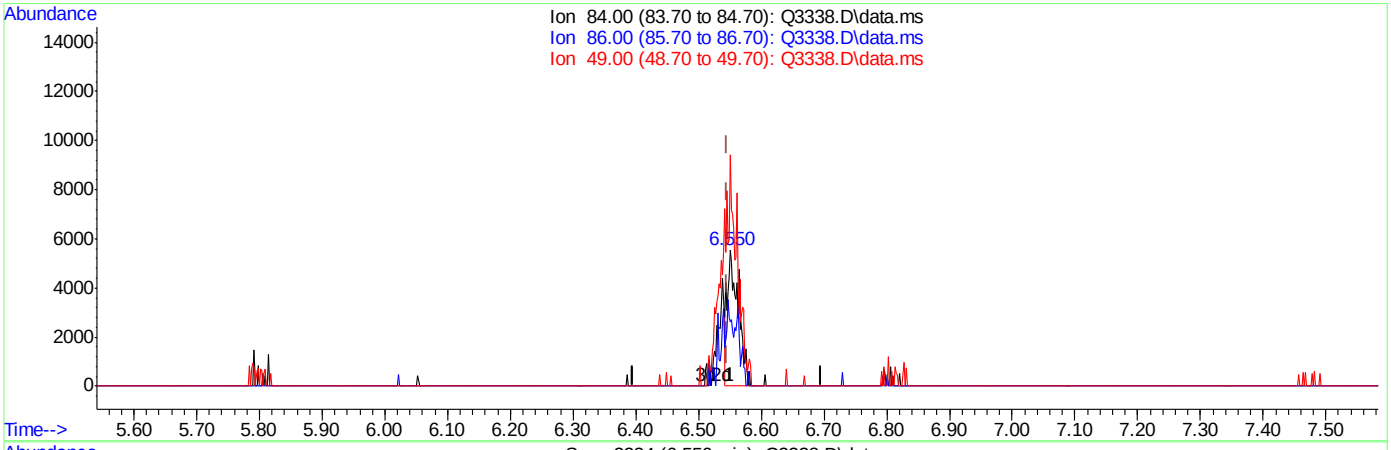
response 3063

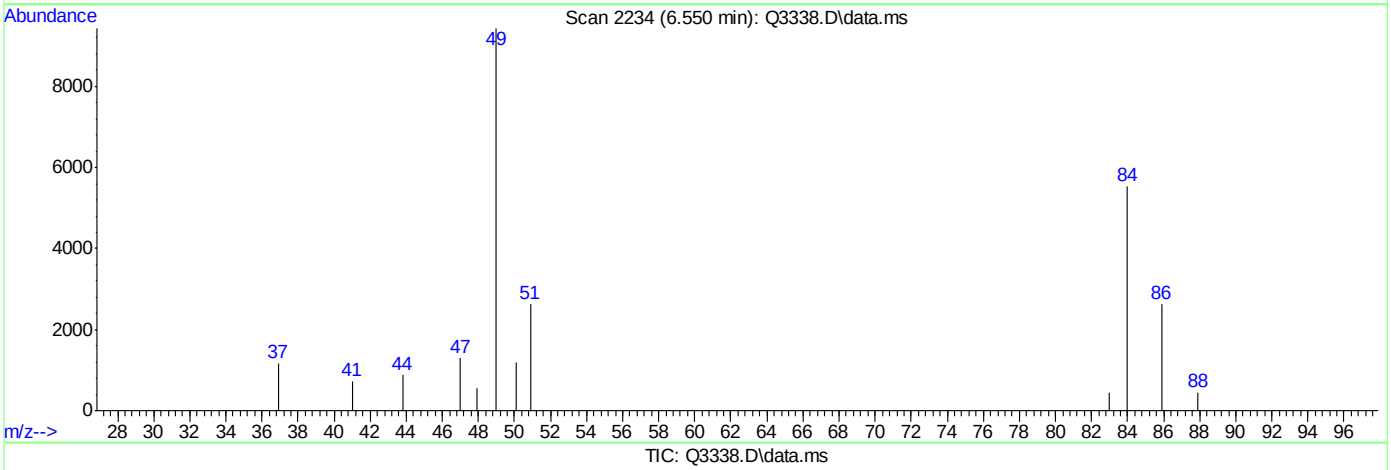
Ion	Exp%	Act%
45.00	100	100
46.00	30.60	3.13#
42.00	4.60	3.30
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3338.D
Acq On : 4 May 2007 12:52 pm
Operator : PhilipB
Sample : IC180-.5 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 13:25:53 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 12:28:30 2007
Response via : Initial Calibration





TIC: Q3338.D\data.ms

(18) METHYLENE CHLORIDE (m)

6.550min (+0.004) 0.40PPBV

response 7068

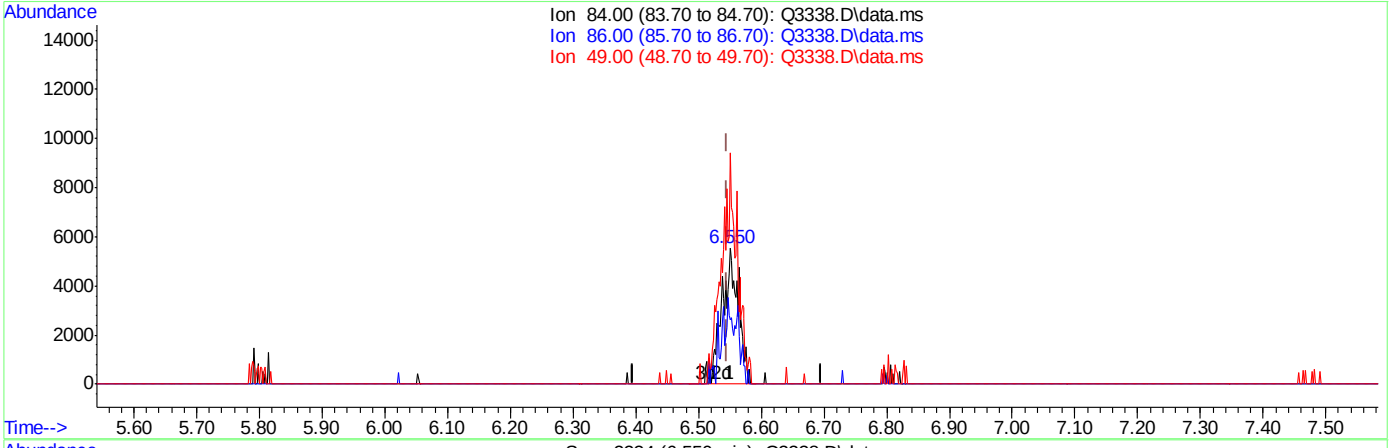
Ion	Exp%	Act%
84.00	100	100
86.00	65.00	52.99
49.00	118.80	229.54
0.00	0.00	0.00

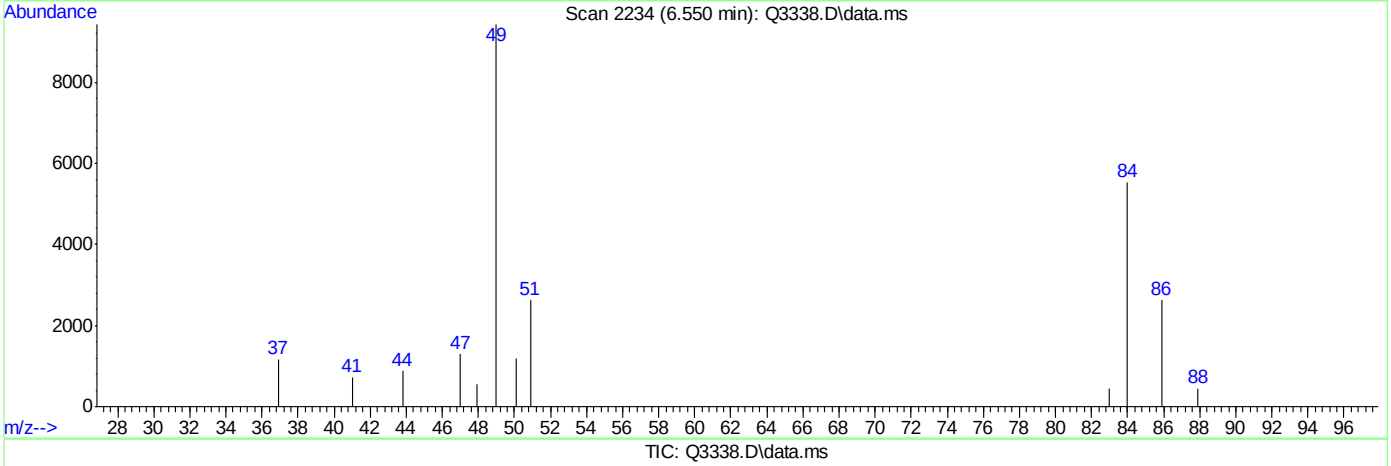
ACCUTEST Laboratories M64901

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3338.D
Acq On : 4 May 2007 12:52 pm
Operator : PhilipB
Sample : IC180-.5 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 13:25:53 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 12:28:30 2007
Response via : Initial Calibration





TIC: Q3338.D\data.ms

(18) METHYLENE CHLORIDE (m)

6.550min (+0.004) 0.58PPBV m

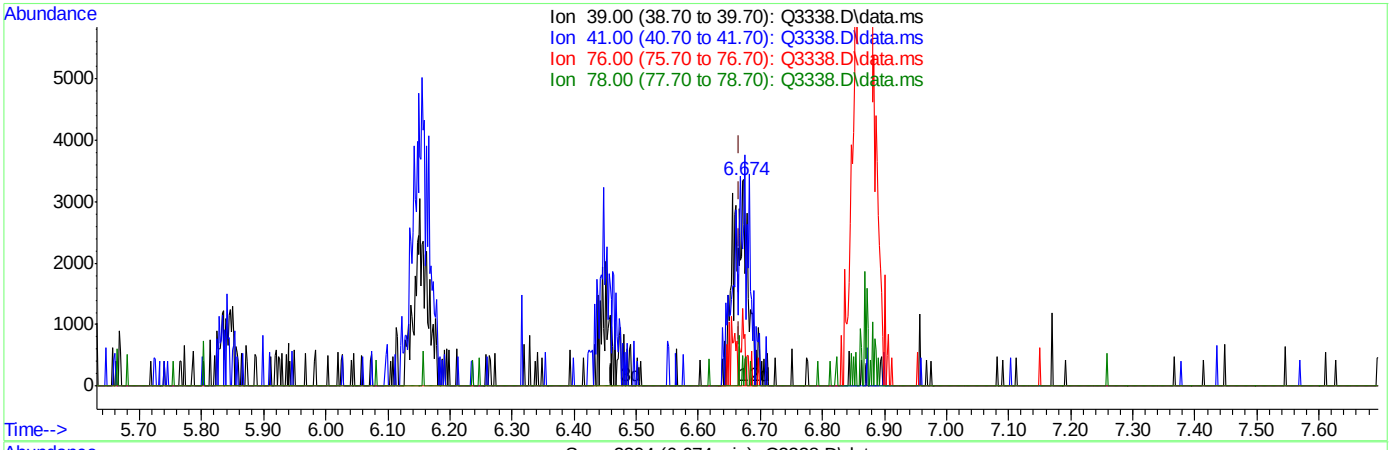
response 10272

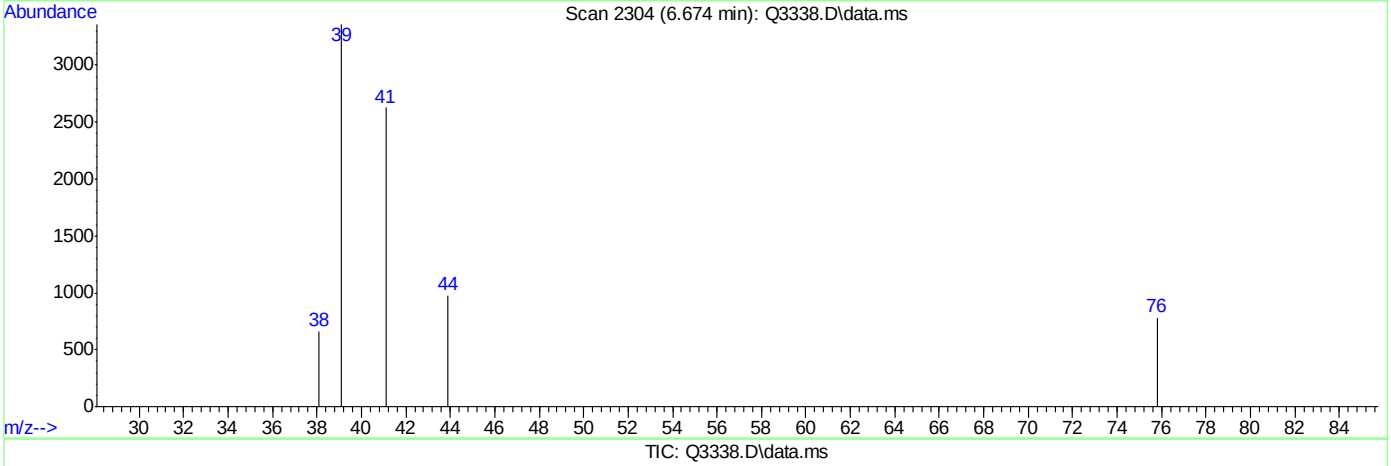
Ion	Exp%	Act%
84.00	100	100
86.00	65.00	36.46#
49.00	118.80	157.94
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3338.D
Acq On : 4 May 2007 12:52 pm
Operator : PhilipB
Sample : IC180-.5 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 13:25:53 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 12:28:30 2007
Response via : Initial Calibration





TIC: Q3338.D\data.ms

(19) 3-CHLOROPROPENE (m)

6.674min (+0.007) 0.39PPBV

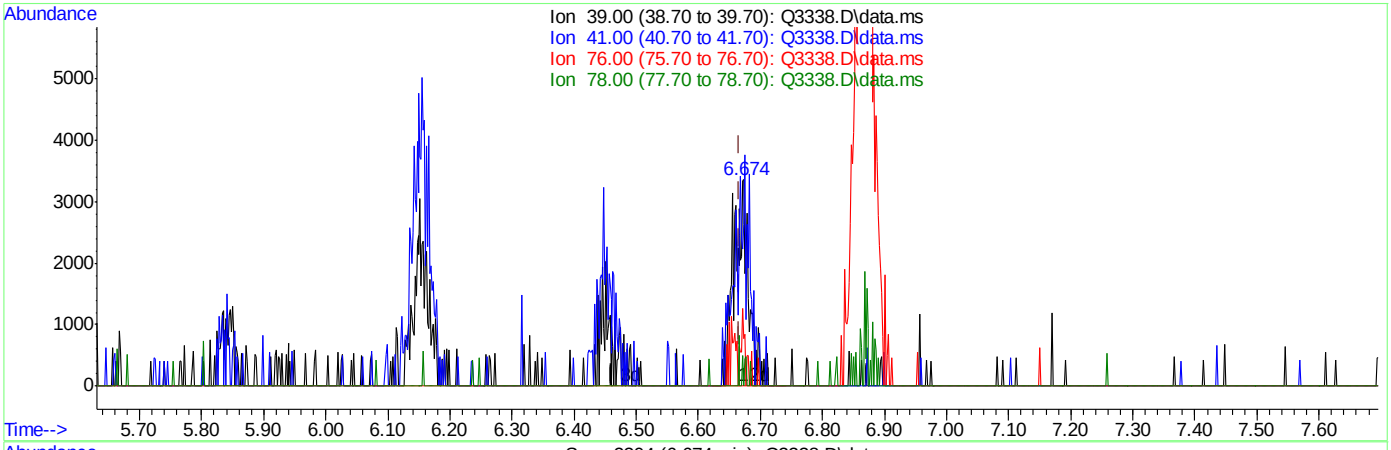
response 5470

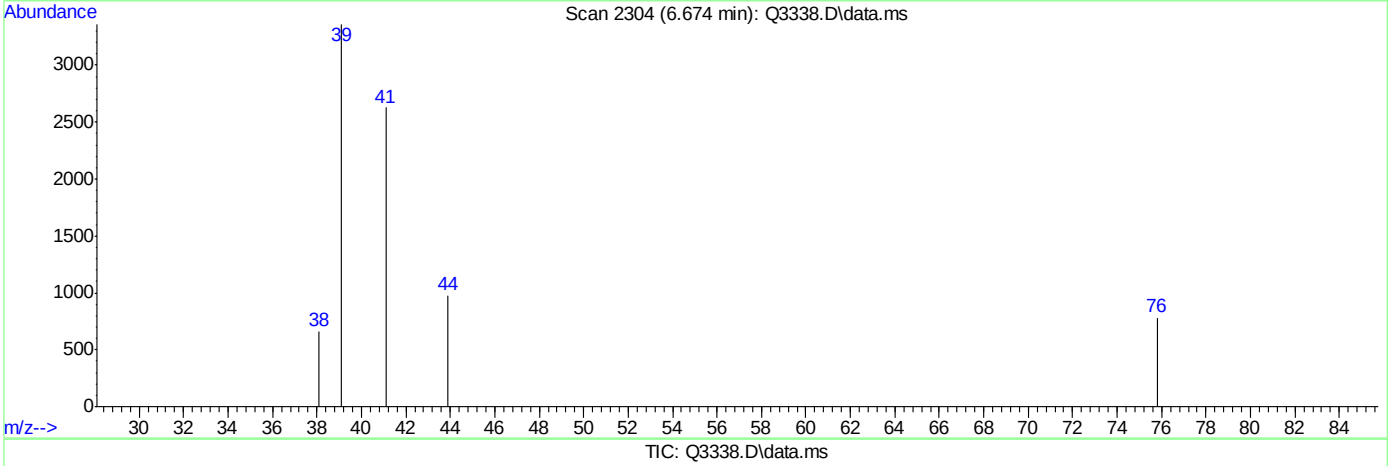
Ion	Exp%	Act%
39.00	100	100
41.00	114.00	65.43#
76.00	46.50	12.12#
78.00	15.30	3.55

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3338.D
Acq On : 4 May 2007 12:52 pm
Operator : PhilipB
Sample : IC180-.5 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 13:25:53 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 12:28:30 2007
Response via : Initial Calibration





TIC: Q3338.D\data.ms

(19) 3-CHLOROPROPENE (m)

6.674min (+0.007) 0.42PPBV m

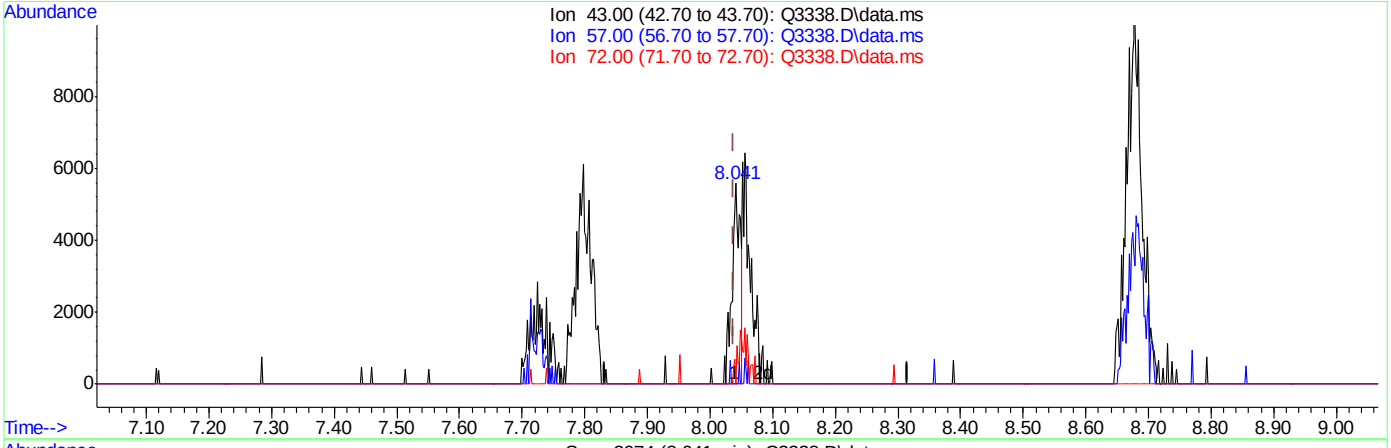
response 5832

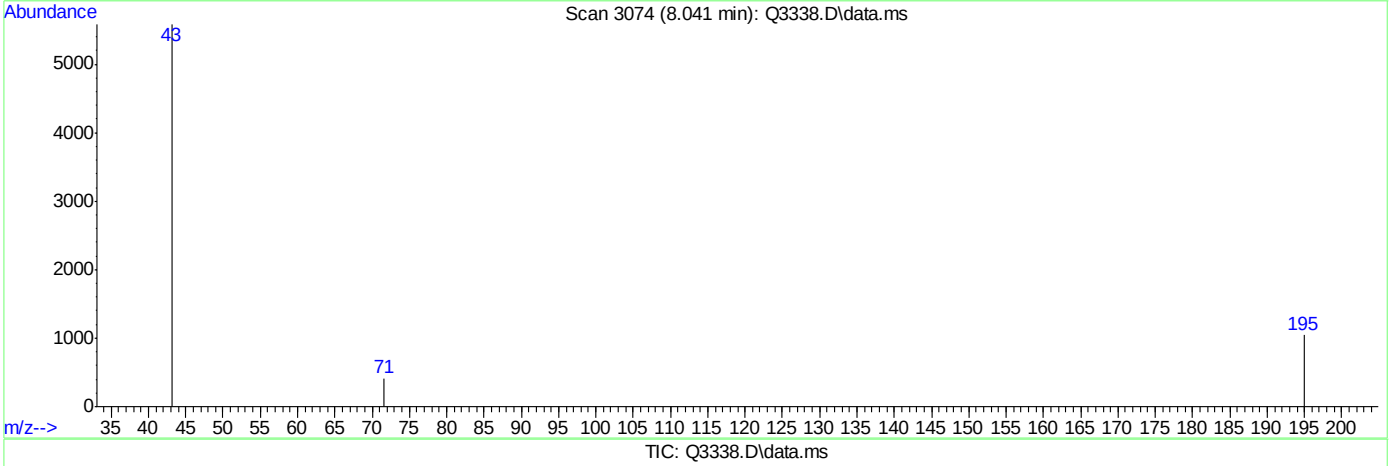
Ion	Exp%	Act%
39.00	100	100
41.00	114.00	61.37#
76.00	46.50	11.37#
78.00	15.30	3.33

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3338.D
Acq On : 4 May 2007 12:52 pm
Operator : PhilipB
Sample : IC180-.5 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 13:25:53 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 12:28:30 2007
Response via : Initial Calibration





TIC: Q3338.D\data.ms

(28) METHYL ETHYL KETONE (m)

8.041min (+0.002) 0.26PPBV

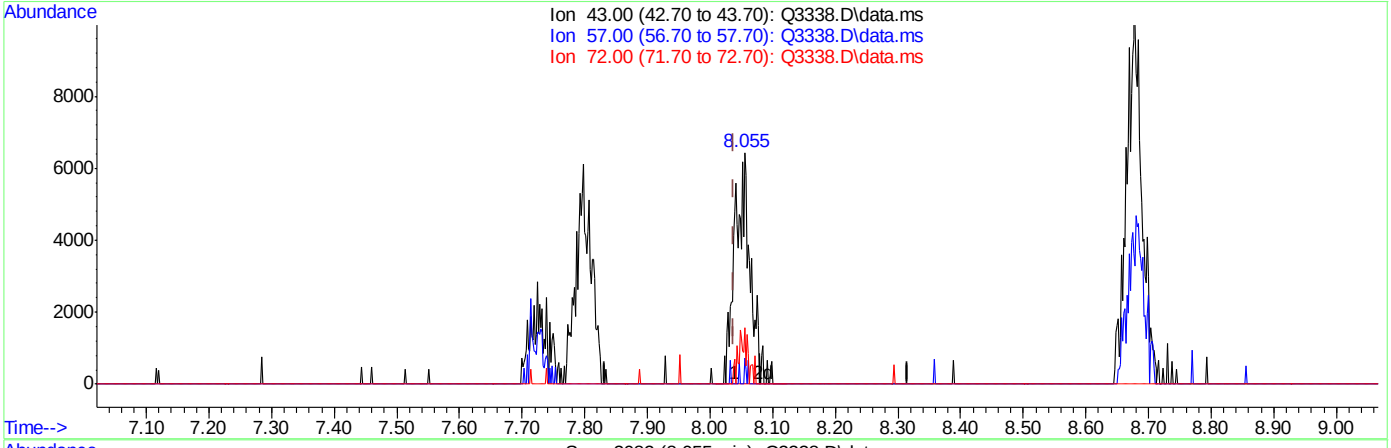
response 5101

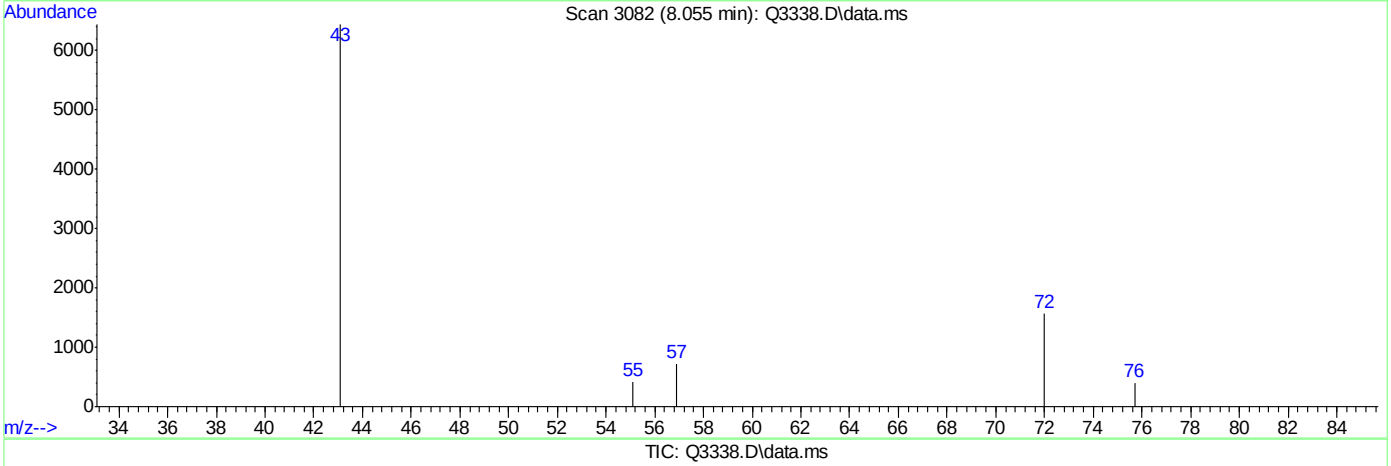
Ion	Exp%	Act%
43.00	100	100
57.00	6.80	0.00
72.00	20.50	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3338.D
Acq On : 4 May 2007 12:52 pm
Operator : PhilipB
Sample : IC180-.5 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 13:25:53 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 12:28:30 2007
Response via : Initial Calibration





TIC: Q3338.D\data.ms

(28) METHYL ETHYL KETONE (m)

8.055min (+0.016) 0.56PPBV m

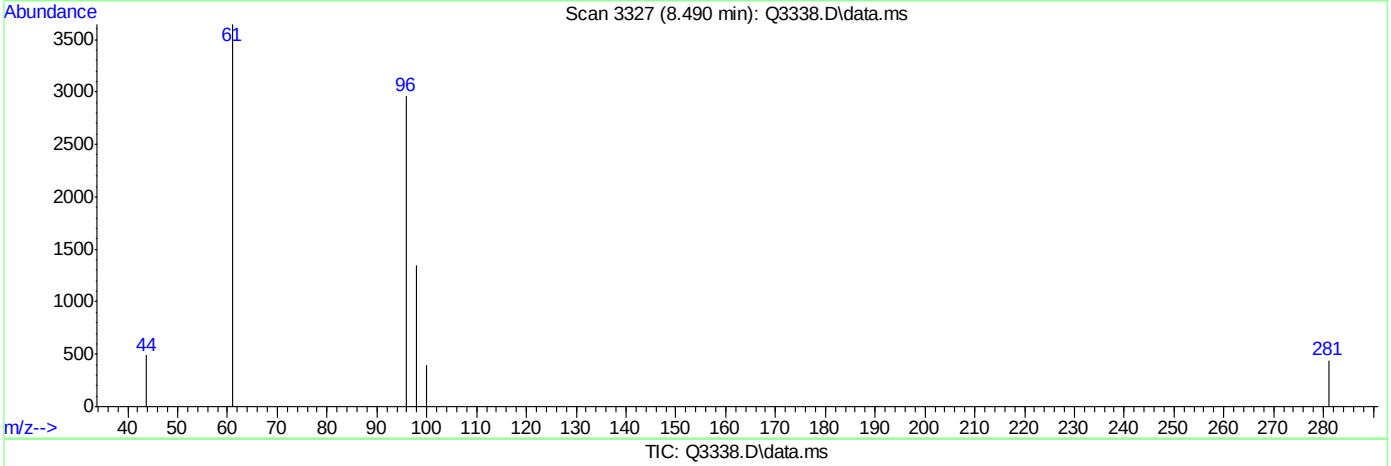
response 10876

Ion	Exp%	Act%
43.00	100	100
57.00	6.80	11.17
72.00	20.50	24.48
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3338.D
Acq On : 4 May 2007 12:52 pm
Operator : PhilipB
Sample : IC180-.5 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 13:25:53 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 12:28:30 2007
Response via : Initial Calibration



TIC: Q3338.D\data.ms

(29) cis-1,2-DICHLOROETHYLENE (m)

8.490min (+0.007) 0.22PPBV

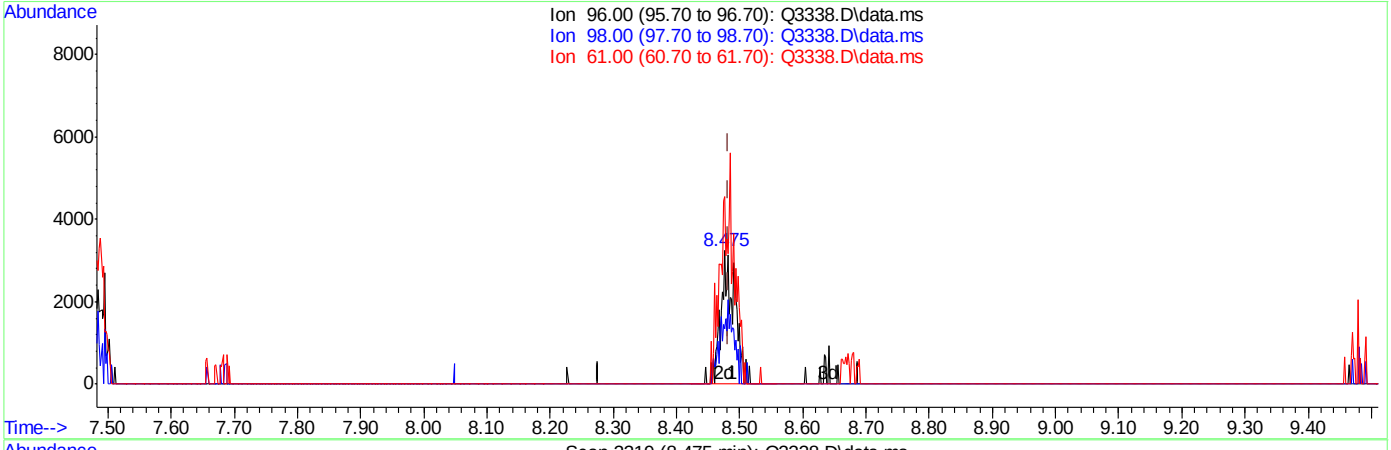
response 2161

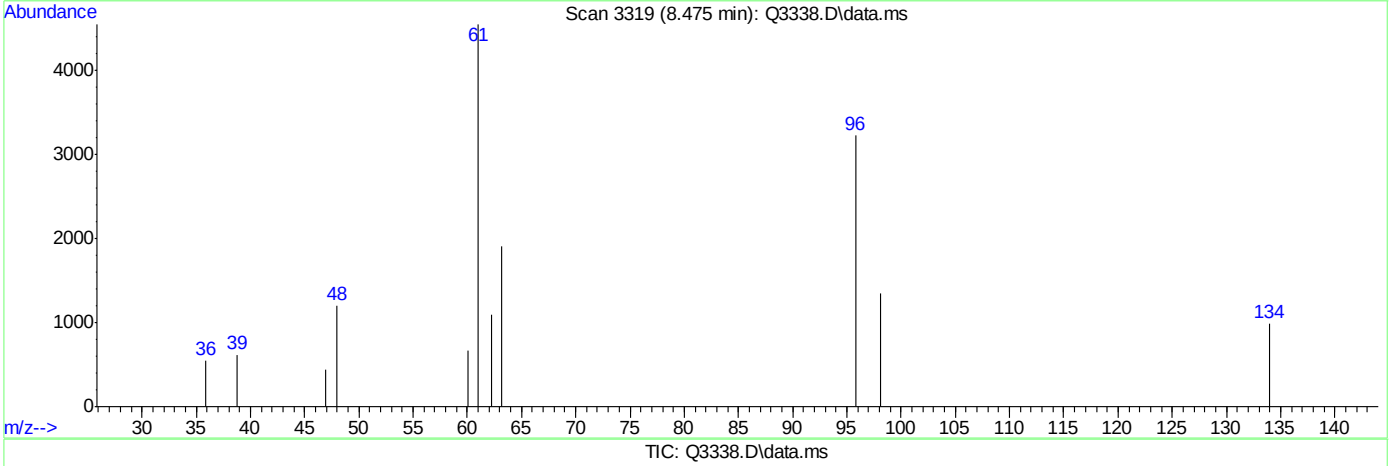
Ion	Exp%	Act%
96.00	100	100
98.00	64.10	134.06#
61.00	148.70	359.88#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3338.D
Acq On : 4 May 2007 12:52 pm
Operator : PhilipB
Sample : IC180-.5 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 13:25:53 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 12:28:30 2007
Response via : Initial Calibration





TIC: Q3338.D\data.ms

(29) cis-1,2-DICHLOROETHYLENE (m)

8.475min (-0.007) 0.51PPBV m

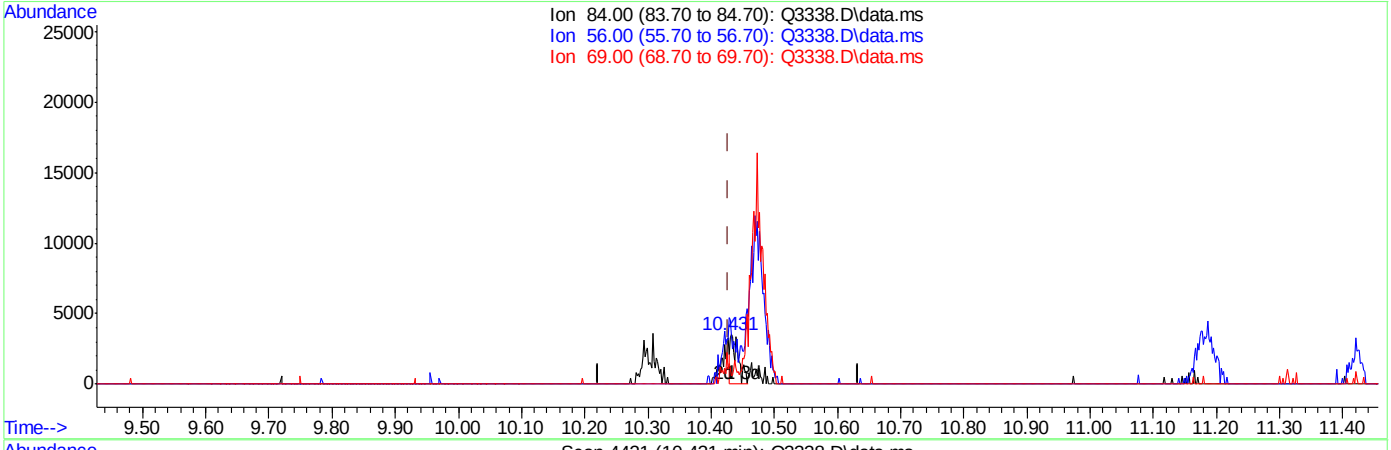
response 4961

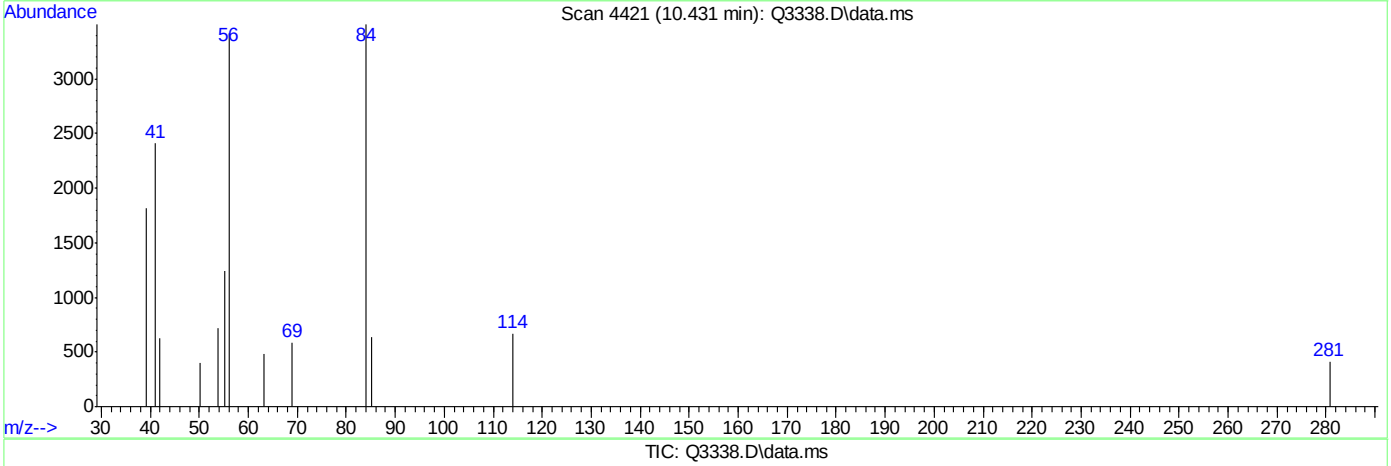
Ion	Exp%	Act%
96.00	100	100
98.00	64.10	58.40
61.00	148.70	156.76
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3338.D
Acq On : 4 May 2007 12:52 pm
Operator : PhilipB
Sample : IC180-.5 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 13:25:53 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 12:28:30 2007
Response via : Initial Calibration





TIC: Q3338.D\data.ms

(37) CYCLOHEXANE (m)

10.431min (+0.004) 0.28PPBV

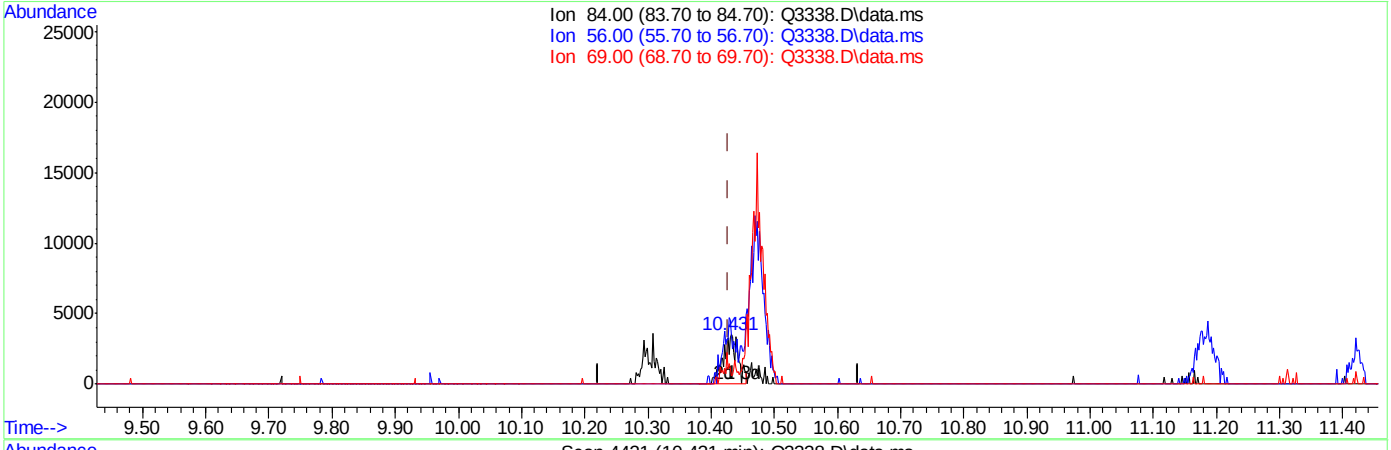
response 3126

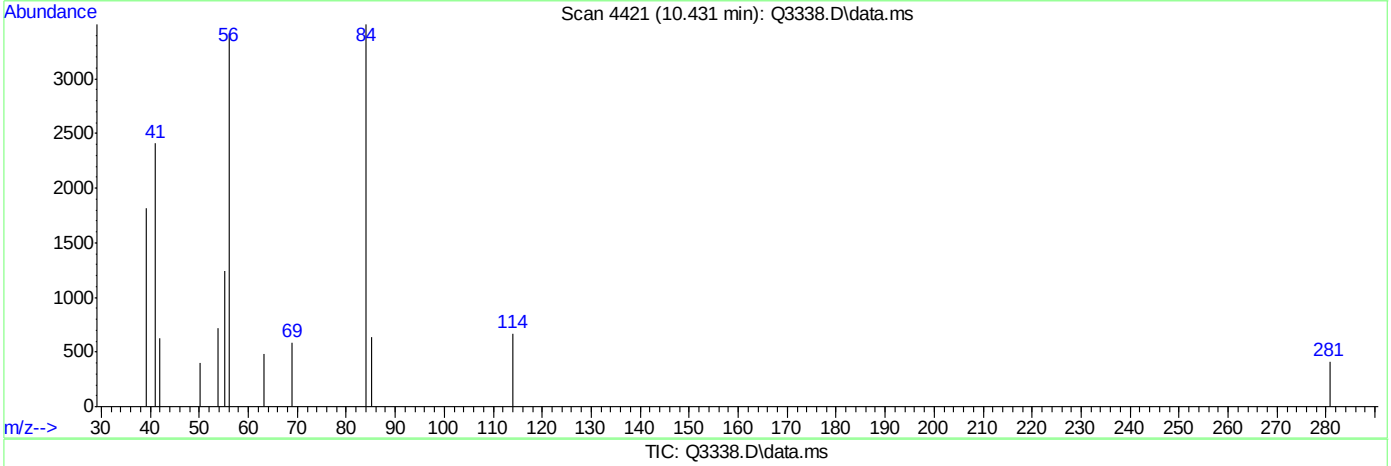
Ion	Exp%	Act%
84.00	100	100
56.00	129.80	184.17#
69.00	38.10	46.07
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3338.D
Acq On : 4 May 2007 12:52 pm
Operator : PhilipB
Sample : IC180-.5 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 13:25:53 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 12:28:30 2007
Response via : Initial Calibration





TIC: Q3338.D\data.ms

(37) CYCLOHEXANE (m)

10.431min (+0.004) 0.50PPBV m

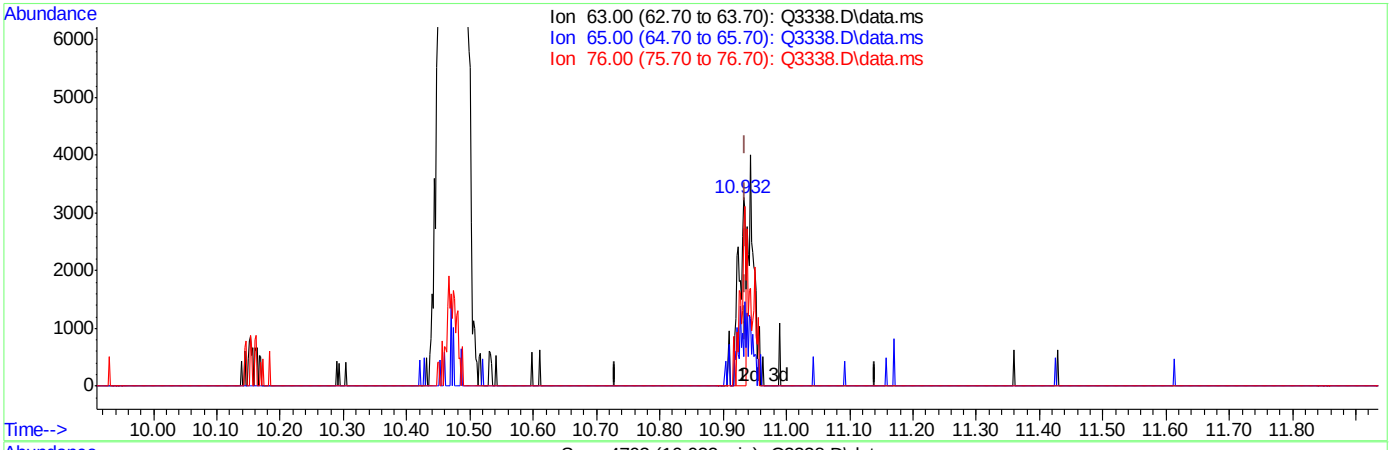
response 5587

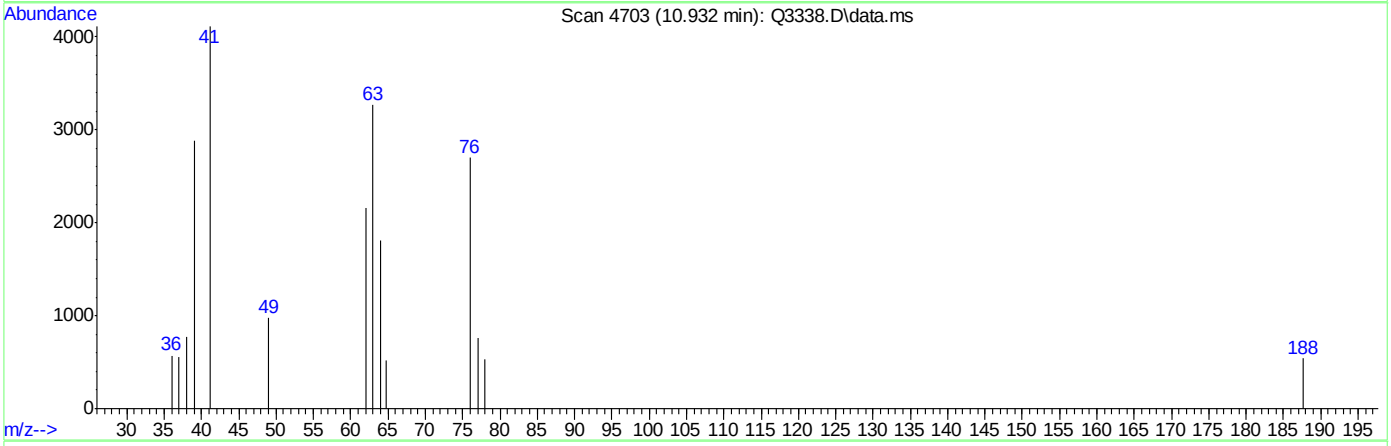
Ion	Exp%	Act%
84.00	100	100
56.00	129.80	103.04#
69.00	38.10	25.77
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3338.D
Acq On : 4 May 2007 12:52 pm
Operator : PhilipB
Sample : IC180-.5 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 13:25:53 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 12:28:30 2007
Response via : Initial Calibration





TIC: Q3338.D\data.ms

(39) 1,2-DICHLOROPROPANE (m)

10.932min (-0.003) 0.25PPBV

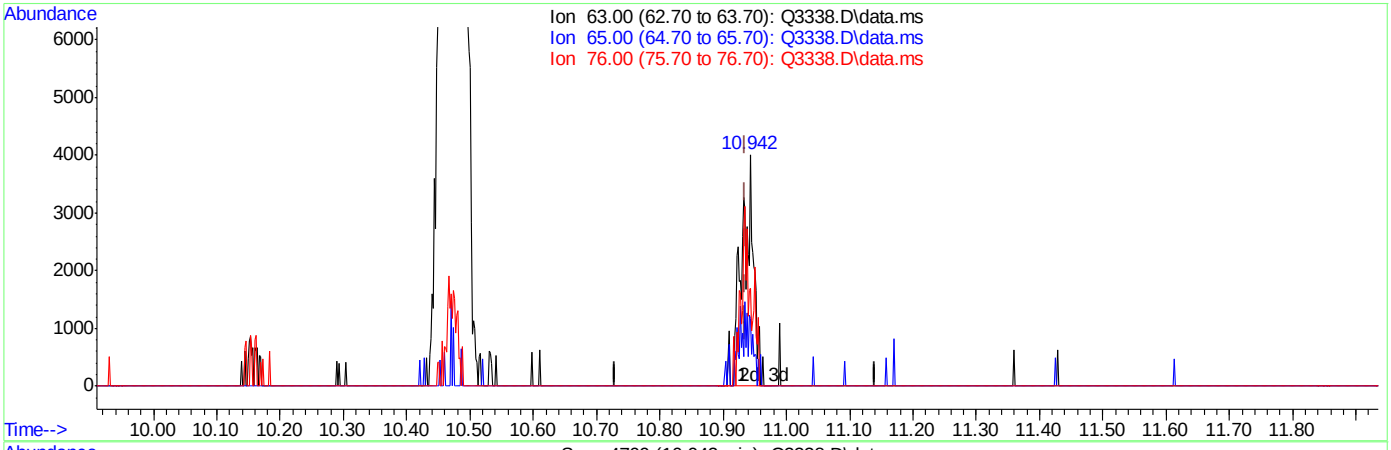
response 2393

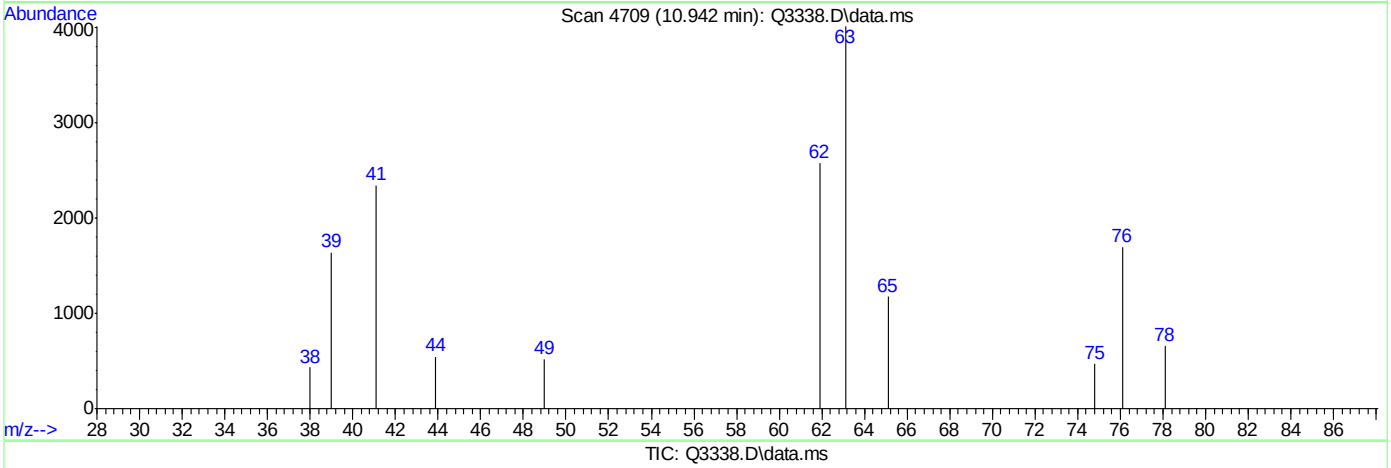
Ion	Exp%	Act%
63.00	100	100
65.00	30.10	29.46
76.00	52.40	89.43#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3338.D
Acq On : 4 May 2007 12:52 pm
Operator : PhilipB
Sample : IC180-.5 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 13:25:53 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 12:28:30 2007
Response via : Initial Calibration





TIC: Q3338.D\data.ms

(39) 1,2-DICHLOROPROPANE (m)

10.942min (+0.007) 0.54PPBV m

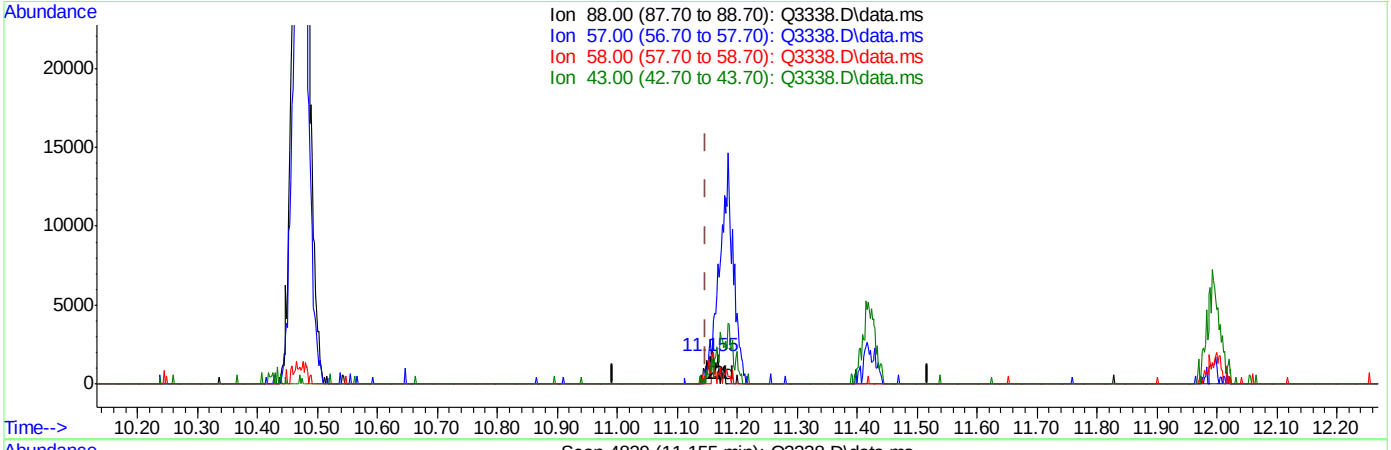
response 5112

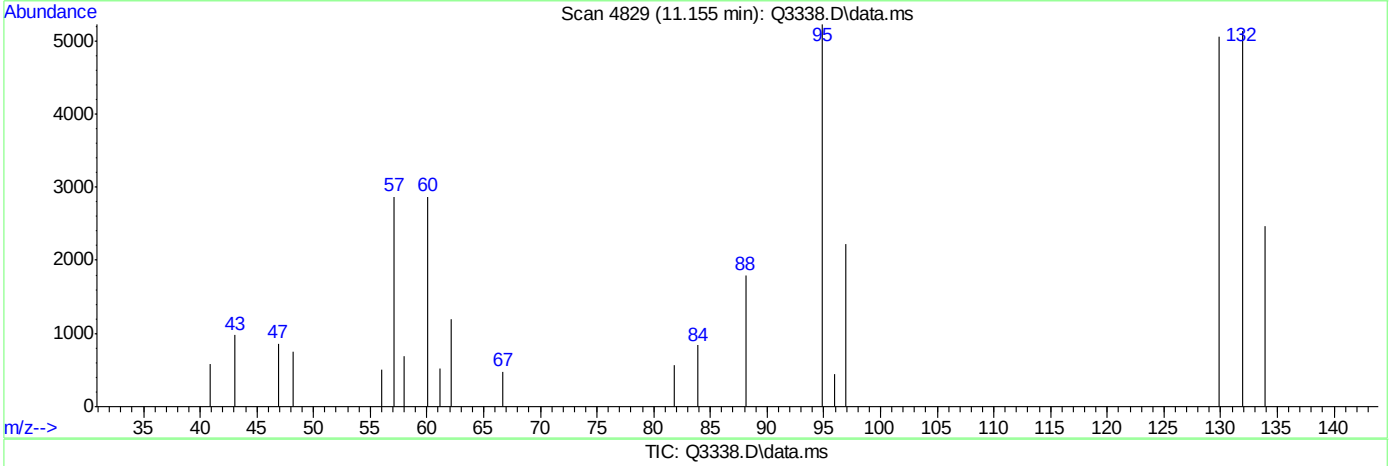
Ion	Exp%	Act%
63.00	100	100
65.00	30.10	13.79
76.00	52.40	41.86
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3338.D
Acq On : 4 May 2007 12:52 pm
Operator : PhilipB
Sample : IC180-.5 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 13:25:53 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 12:28:30 2007
Response via : Initial Calibration





TIC: Q3338.D\data.ms

(42) 1,4-DIOXANE (m)

11.155min (+0.007) 0.22PPBV

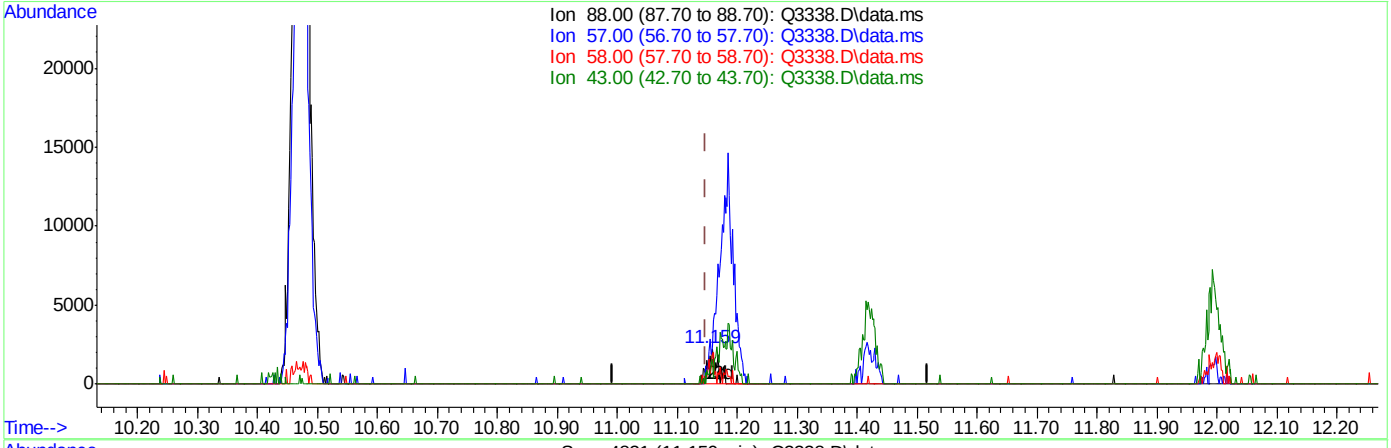
response 1094

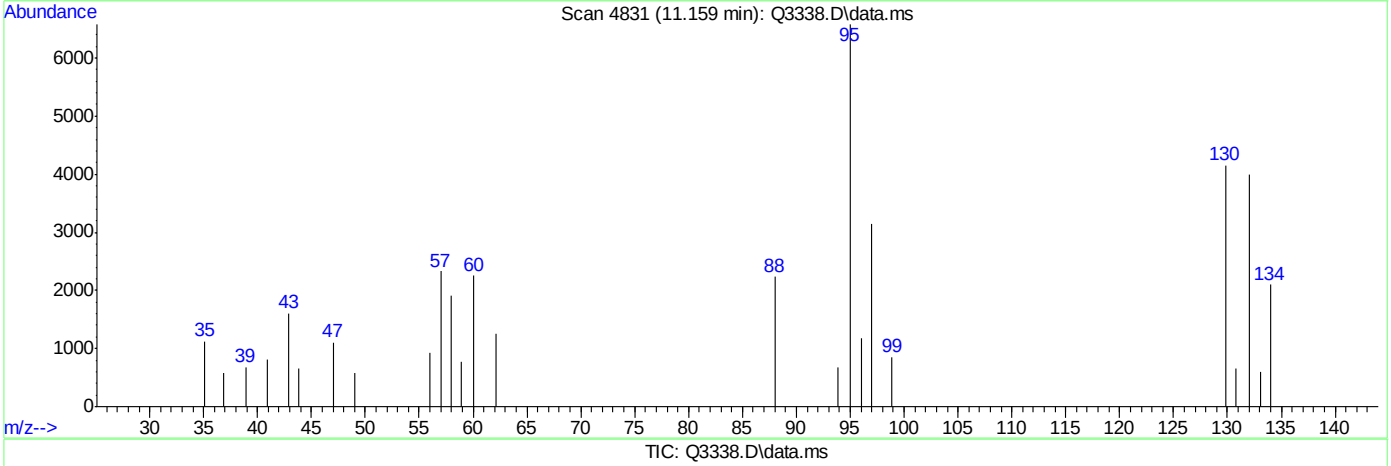
Ion	Exp%	Act%
88.00	100	100
57.00	50.70	159.61#
58.00	57.60	38.83
43.00	37.30	54.48

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3338.D
Acq On : 4 May 2007 12:52 pm
Operator : PhilipB
Sample : IC180-.5 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 13:25:53 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 12:28:30 2007
Response via : Initial Calibration





TIC: Q3338.D\data.ms

(42) 1,4-DIOXANE (m)

11.159min (+0.011) 0.51PPBV m

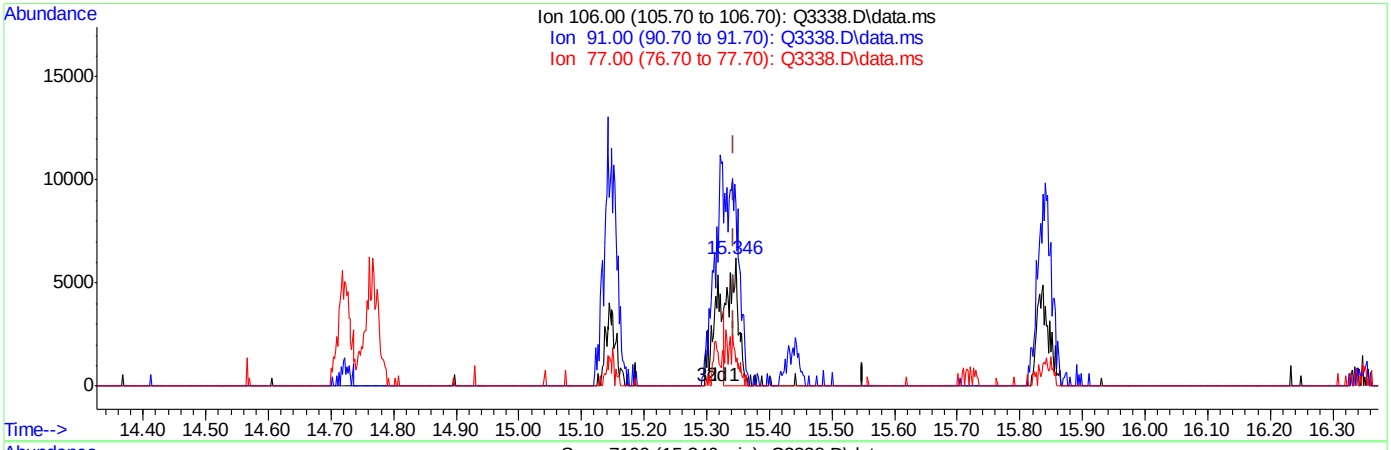
response 2552

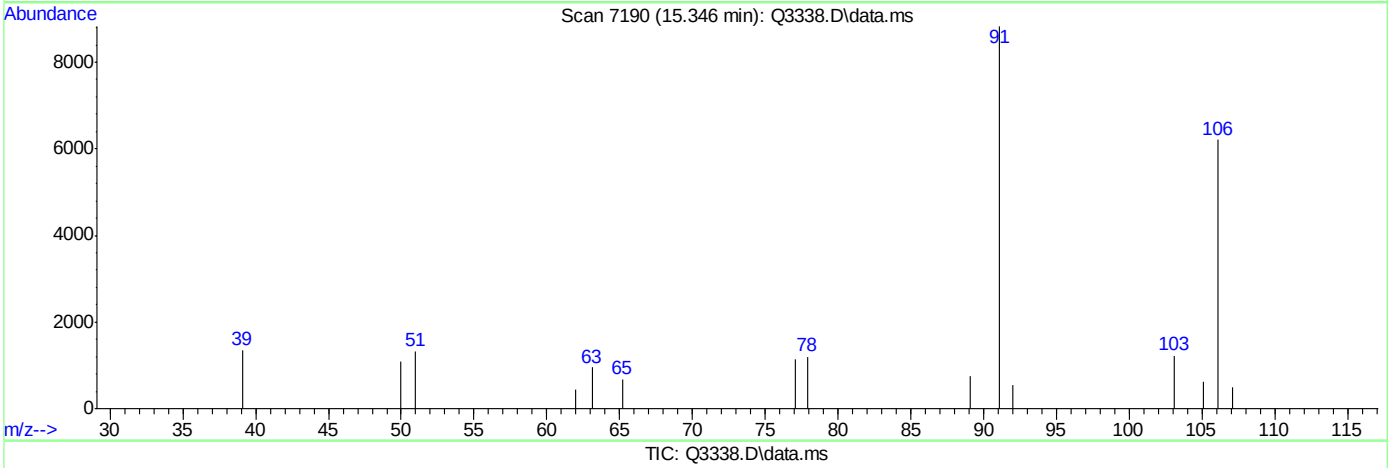
Ion	Exp%	Act%
88.00	100	100
57.00	50.70	104.39#
58.00	57.60	85.66#
43.00	37.30	71.91#

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3338.D
Acq On : 4 May 2007 12:52 pm
Operator : PhilipB
Sample : IC180-.5 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 13:25:53 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 12:28:30 2007
Response via : Initial Calibration





TIC: Q3338.D\data.ms

(56) m,p-XYLENE (m)

15.346min (+0.002) 0.49PPBV

response 7648

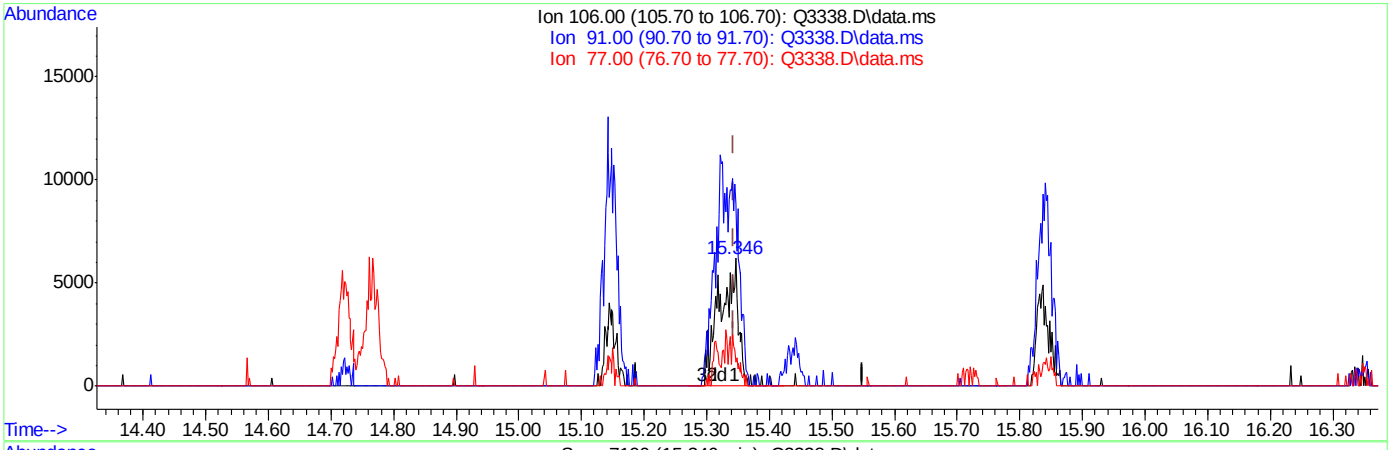
Ion	Exp%	Act%
106.00	100	100
91.00	212.80	142.21#
77.00	31.20	18.45#
0.00	0.00	0.00

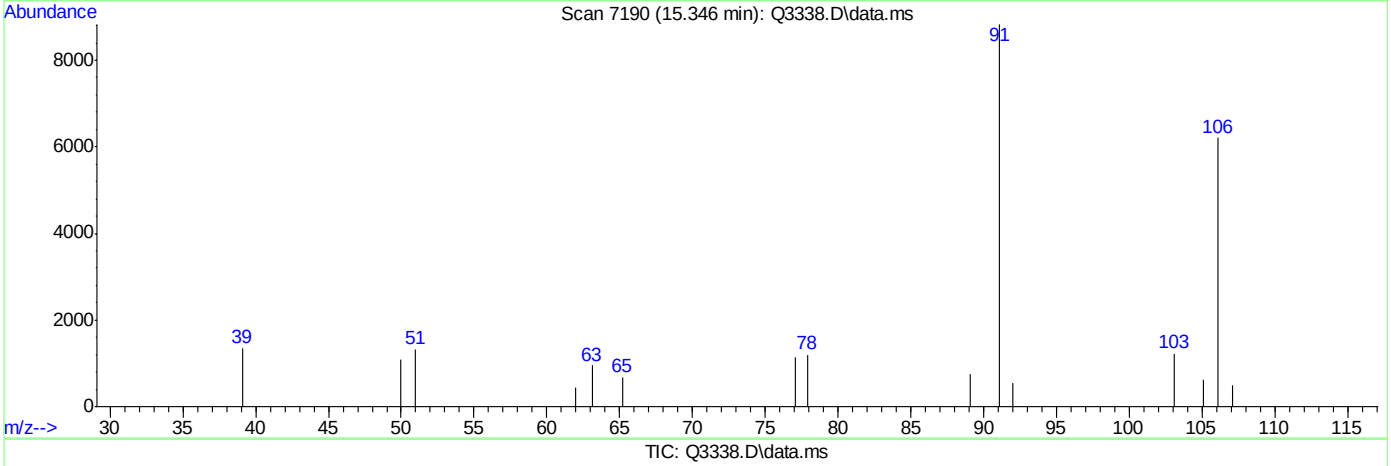
ACCUTEST Laboratories M64901

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3338.D
Acq On : 4 May 2007 12:52 pm
Operator : PhilipB
Sample : IC180-.5 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 13:25:53 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 12:28:30 2007
Response via : Initial Calibration





TIC: Q3338.D\data.ms

(56) m,p-XYLENE (m)

15.346min (+0.002) 0.85PPBV m

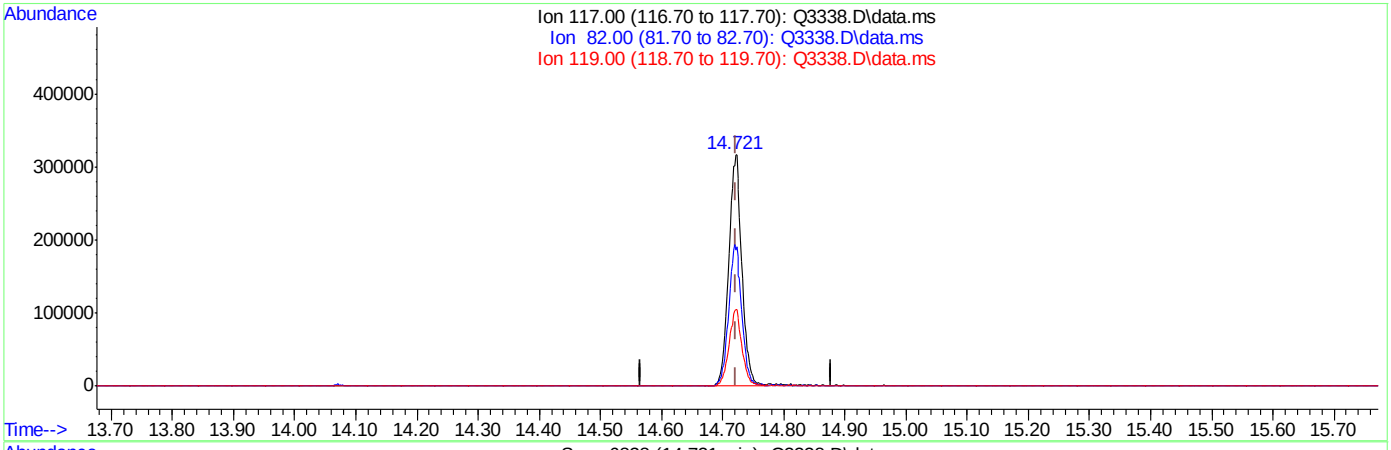
response 13229

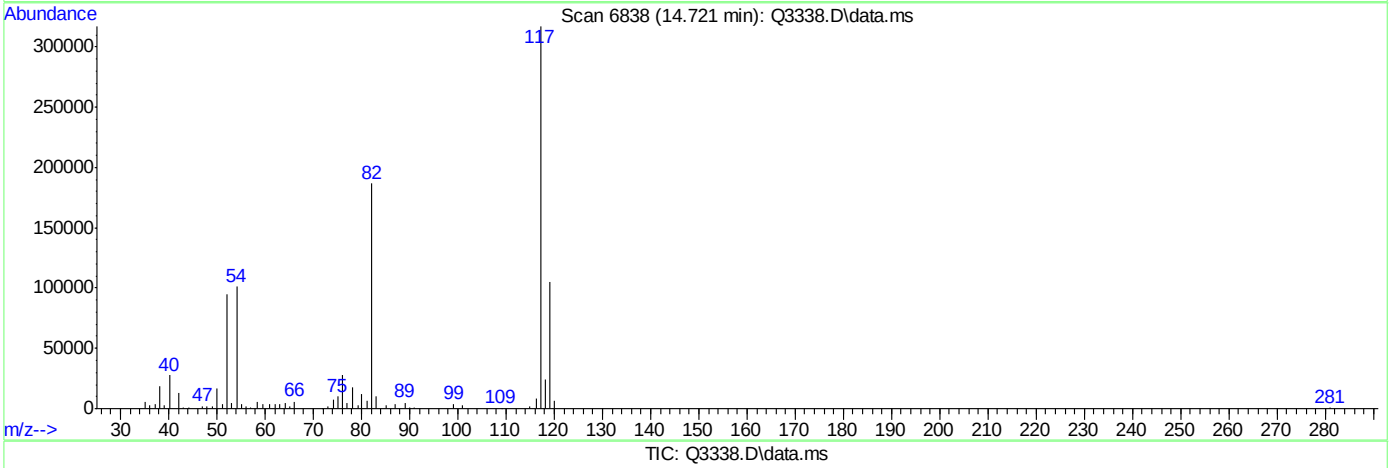
Ion	Exp%	Act%
106.00	100	100
91.00	212.80	142.21#
77.00	31.20	18.45#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3338.D
Acq On : 4 May 2007 12:52 pm
Operator : PhilipB
Sample : IC180-.5 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 13:28:25 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 12:28:30 2007
Response via : Initial Calibration





TIC: Q3338.D\data.ms

(49) CHLOROBENZENE-D5 (I)

14.721min (-0.002) 10.00PPBV

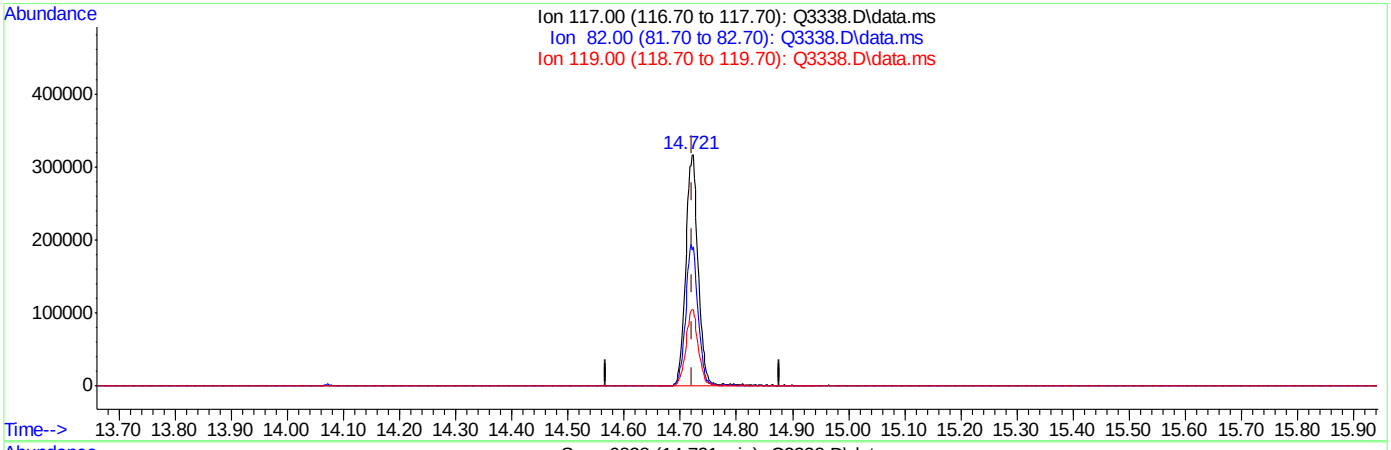
response 484280

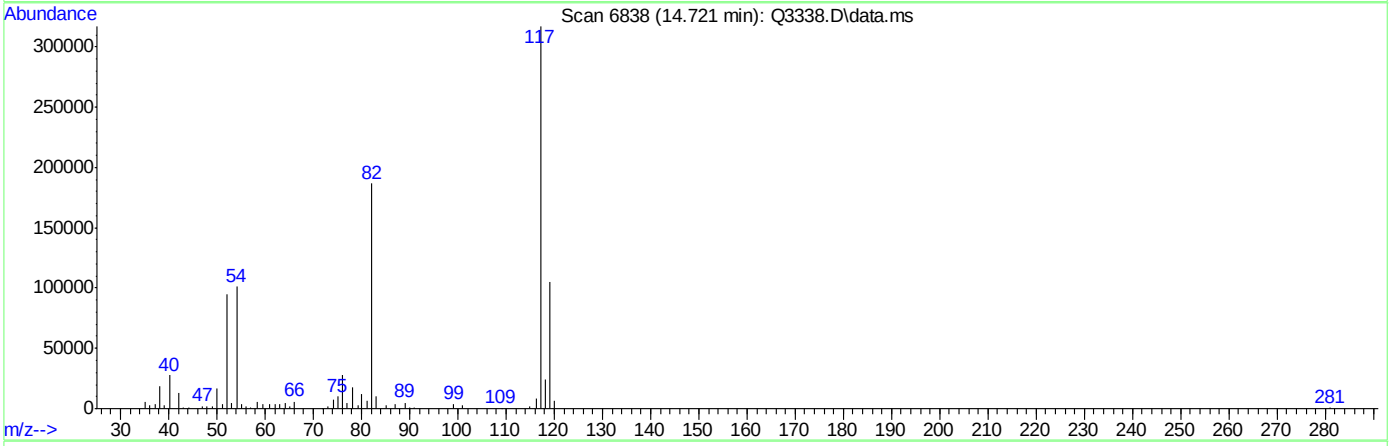
Ion	Exp%	Act%
117.00	100	100
82.00	57.00	60.89
119.00	32.10	33.21
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3338.D
Acq On : 4 May 2007 12:52 pm
Operator : PhilipB
Sample : IC180-.5 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 14:35:09 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 12:28:30 2007
Response via : Initial Calibration





TIC: Q3338.D\data.ms

(49) CHLOROBENZENE-D5 (I)

14.721min (-0.002) 10.00PPBV m

response 497909

Ion	Exp%	Act%
117.00	100	100
82.00	57.00	59.22
119.00	32.10	32.30
0.00	0.00	0.00

Q3339.D

Manual Integrations APPROVED (compounds with "m" flag)

Doug Yargeau 05/21/07 17:26

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3339.D
Acq On : 4 May 2007 2:01 pm
Operator : PhilipB
Sample : IC180-.2 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 14:36:09 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 13:28:38 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.646	128	160379	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.474	114	729774	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.719	117	600663m	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.341	95	210158	4.41	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 88.20%

Target Compounds							Qvalue
2) DICHLORODIFLUOROMETHANE	4.040	85	21549m	0.33	PPBV		
3) PROPYLENE	3.953	41	4043m	0.32	PPBV		
4) FREON 114	4.305	85	18657	0.33	PPBV		87
5) CHLOROMETHANE	4.195	50	5039m	0.36	PPBV		
6) VINYL CHLORIDE	4.420	62	4597m	0.30	PPBV		
7) 1,3-BUTADIENE	4.560	39	4811m	0.31	PPBV		
8) BROMOMETHANE	4.835	94	4727	0.30	PPBV	#	65
9) CHLOROETHANE	5.016	64	1097m	0.19	PPBV		
10) TRICHLOROFLUOROMETHANE	5.792	101	27038	0.36	PPBV		98
11) ISOPROPYL ALCOHOL	5.851	45	11292m	0.42	PPBV		
12) ACETONE	5.615	43	14511	0.48	PPBV		65
13) PENTANE	6.159	42	6901	0.43	PPBV	#	10
14) 1,1-DICHLOROETHYLENE	6.436	96	5544	0.39	PPBV	#	67
15) CARBON DISULFIDE	6.864	76	16496m	0.39	PPBV		
16) ETHANOL	5.096	45	1962m	0.40	PPBV		
17) BROMOETHENE	5.377	106	5294m	0.33	PPBV		
18) METHYLENE CHLORIDE	6.553	84	11755	0.51	PPBV	#	49
19) 3-CHLOROPROPENE	6.665	39	5778m	0.33	PPBV		
20) FREON 113	6.816	151	14267	0.45	PPBV	#	62
21) TRANS-1,2-DICHLOROETHY...	7.480	96	4189	0.32	PPBV		94
22) TERTIARY BUTYL ALCOHOL	6.461	59	8317	0.29	PPBV		98
23) METHYL TERTIARY BUTYL ...	7.728	73	5692	0.19	PPBV		74
24) TETRAHYDROFURAN	9.164	42	1836m	0.15	PPBV		
25) HEXANE	8.680	57	6654	0.31	PPBV	#	26
26) VINYL ACETATE	7.805	43	5312	0.19	PPBV	#	82
27) 1,1-DICHLOROETHANE	7.673	63	7240	0.28	PPBV	#	66
28) METHYL ETHYL KETONE	8.066	43	6170m	0.24	PPBV		
29) cis-1,2-DICHLOROETHYLENE	8.481	96	3033m	0.24	PPBV		
30) ETHYL ACETATE	8.673	43	11476	0.26	PPBV	#	94
31) CHLOROFORM	8.763	83	10431	0.29	PPBV	#	67
32) 1,1,1-TRICHLOROETHANE	9.714	97	10758	0.28	PPBV		98
33) CARBON TETRACHLORIDE	10.304	117	12719	0.28	PPBV		89
34) 1,2-DICHLOROETHANE	9.476	62	5667m	0.26	PPBV		
36) BENZENE	10.167	78	9184m	0.29	PPBV		
37) CYCLOHEXANE	10.430	84	2489	0.18	PPBV	#	69
38) TRICHLOROETHYLENE	11.155	95	5111	0.26	PPBV		93
39) 1,2-DICHLOROPROPANE	10.935	63	2751	0.23	PPBV	#	56
40) BROMODICHLOROMETHANE	11.115	83	7790	0.24	PPBV	#	58
41) 2,2,4-TRIMETHYLPENTANE	11.182	57	11732	0.21	PPBV		91
43) HEPTANE	11.422	43	3944	0.18	PPBV		89
44) METHYL ISOBUTYL KETONE	12.000	43	4835	0.17	PPBV		71

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3339.D
Acq On : 4 May 2007 2:01 pm
Operator : PhilipB
Sample : IC180-.2 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 14:36:09 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 13:28:38 2007
Response via : Initial Calibration

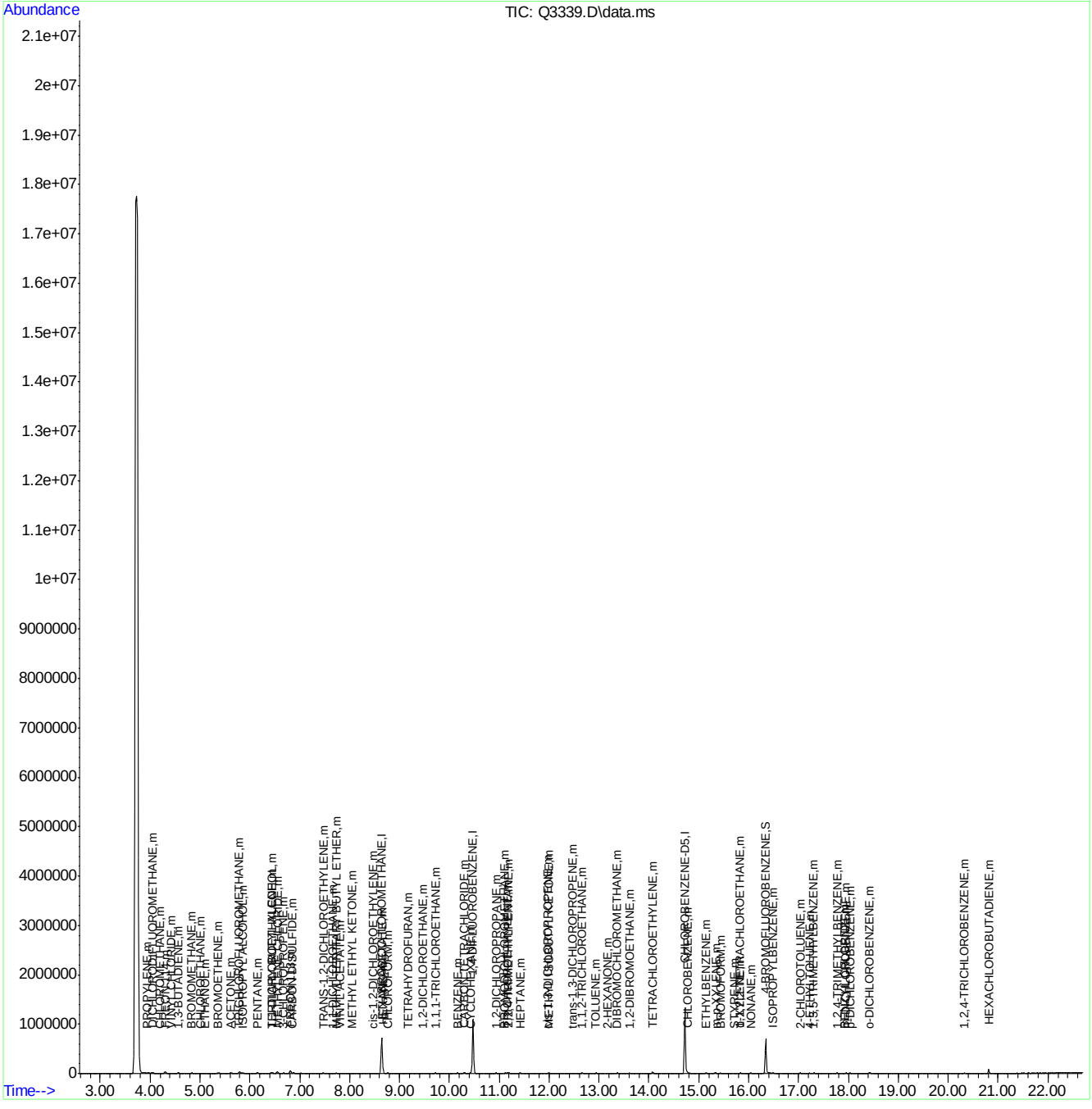
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
45) cis-1,3-DICHLOROPROPENE	11.979	75	4054	0.22 PPBV #	51
46) TOLUENE	12.936	92	4561	0.22 PPBV	88
47) trans-1,3-DICHLOROPROPENE	12.478	75	2089m	0.16 PPBV	
48) 1,1,2-TRICHLOROETHANE	12.659	83	3250	0.17 PPBV #	80
50) 2-HEXANONE	13.170	43	3404	0.15 PPBV #	56
51) TETRACHLOROETHYLENE	14.070	164	3918	0.22 PPBV	84
52) DIBROMOCHLOROMETHANE	13.365	129	6477	0.21 PPBV #	80
53) 1,2-DIBROMOETHANE	13.619	107	4816	0.21 PPBV #	99
54) CHLOROBENZENE	14.776	112	7323m	0.24 PPBV	
55) ETHYLBENZENE	15.147	91	8899	0.18 PPBV	69
56) m,p-XYLENE	15.339	106	6506m	0.35 PPBV	
57) o-XYLENE	15.841	106	2967	0.16 PPBV #	47
58) STYRENE	15.720	104	2183	0.10 PPBV	89
59) NONANE	16.040	43	4638	0.15 PPBV #	80
60) BROMOFORM	15.436	173	4228	0.16 PPBV #	79
62) 1,1,2,2-TETRACHLOROETHANE	15.825	83	8648	0.26 PPBV	88
63) ISOPROPYLBENZENE	16.482	105	9646	0.14 PPBV	89
64) 2-CHLOROTOLUENE	17.035	91	7471	0.18 PPBV	82
65) 4-ETHYLTOLUENE	17.227	105	5412	0.12 PPBV #	90
66) 1,3,5-TRIMETHYLBENZENE	17.314	105	8057m	0.17 PPBV	
67) 1,2,4-TRIMETHYLBENZENE	17.770	105	5925	0.13 PPBV #	63
68) m-DICHLOROBENZENE	17.956	146	4726m	0.18 PPBV	
69) BENZYL CHLORIDE	17.928	91	2937m	0.13 PPBV	
70) p-DICHLOROBENZENE	18.034	146	3791	0.16 PPBV	93
71) o-DICHLOROBENZENE	18.414	146	6566	0.24 PPBV #	65
72) HEXACHLOROBUTADIENE	20.817	225	9219	0.69 PPBV	95
73) 1,2,4-TRICHLOROBENZENE	20.324	180	2414	0.44 PPBV #	73

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3339.D
Acq On : 4 May 2007 2:01 pm
Operator : PhilipB
Sample : IC180-.2 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

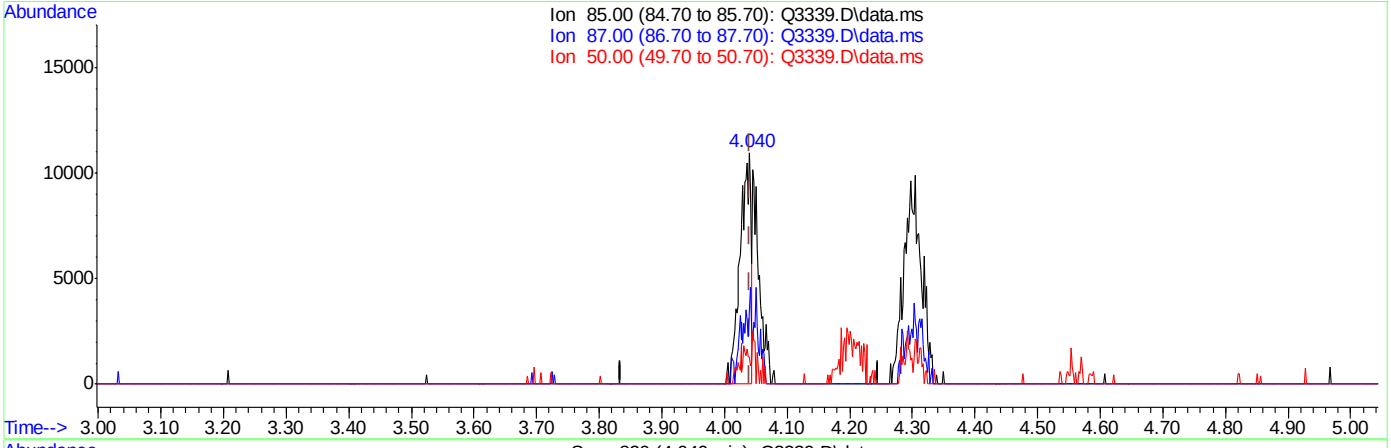
Quant Time: May 04 14:36:09 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 13:28:38 2007
Response via : Initial Calibration

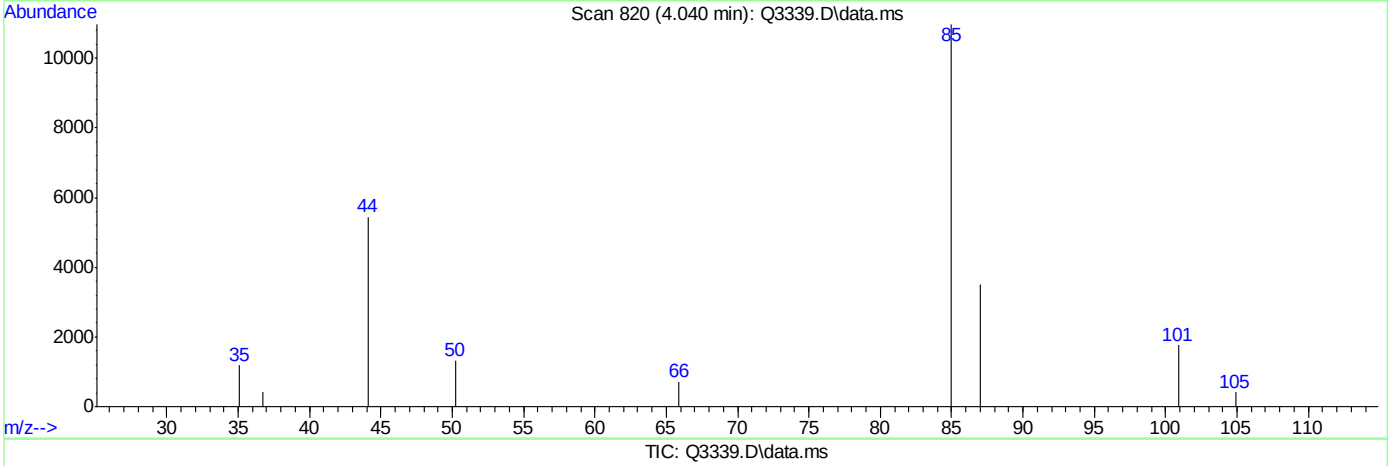


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3339.D
Acq On : 4 May 2007 2:01 pm
Operator : PhilipB
Sample : IC180-.2 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 14:23:50 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 13:28:38 2007
Response via : Initial Calibration





TIC: Q3339.D\data.ms

(2) DICHLORODIFLUOROMETHANE (m)

4.040min (+0.000) 0.21PPBV

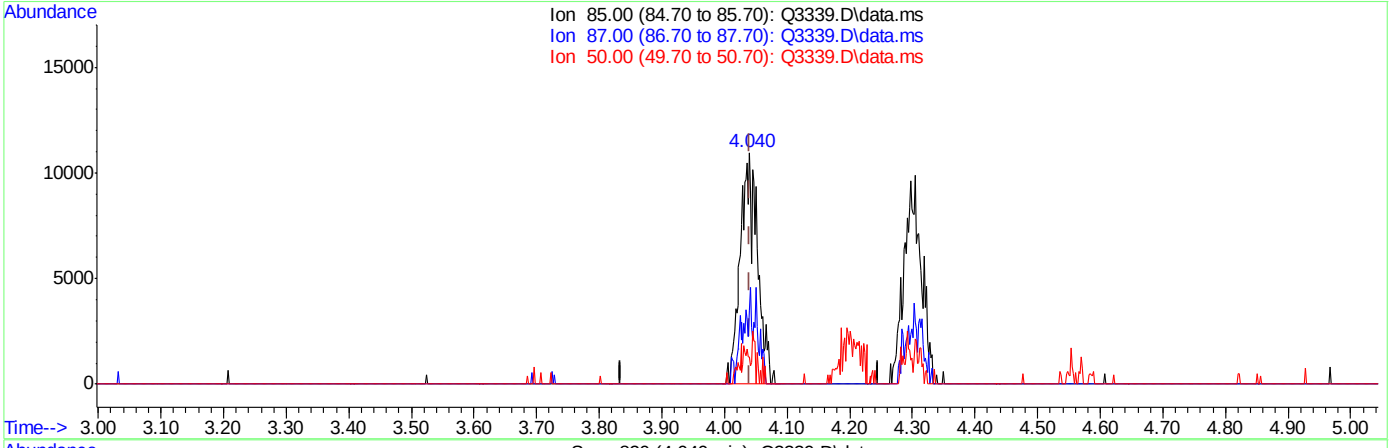
response 13590

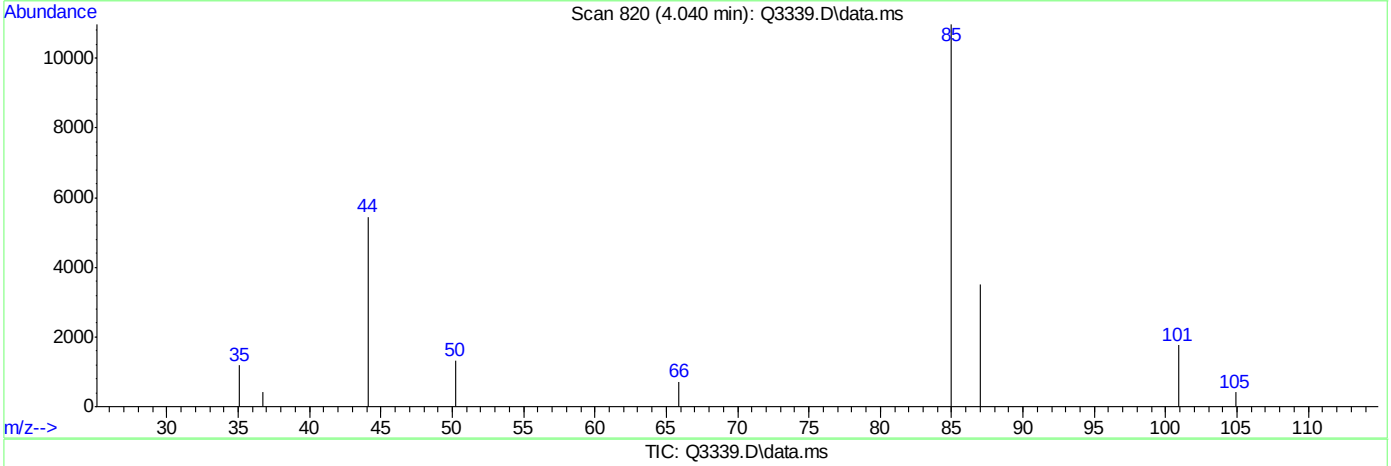
Ion	Exp%	Act%
85.00	100	100
87.00	32.80	34.47
50.00	11.60	6.87
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3339.D
Acq On : 4 May 2007 2:01 pm
Operator : PhilipB
Sample : IC180-.2 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 14:23:50 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 13:28:38 2007
Response via : Initial Calibration





TIC: Q3339.D\data.ms

(2) DICHLORODIFLUOROMETHANE (m)

4.040min (+0.000) 0.33PPBV m

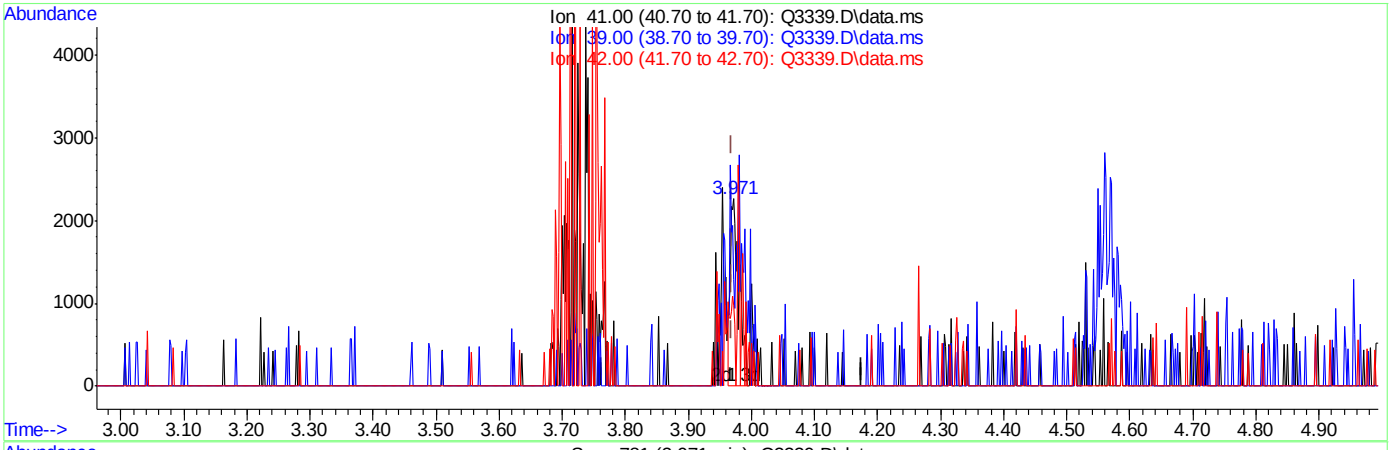
response 21549

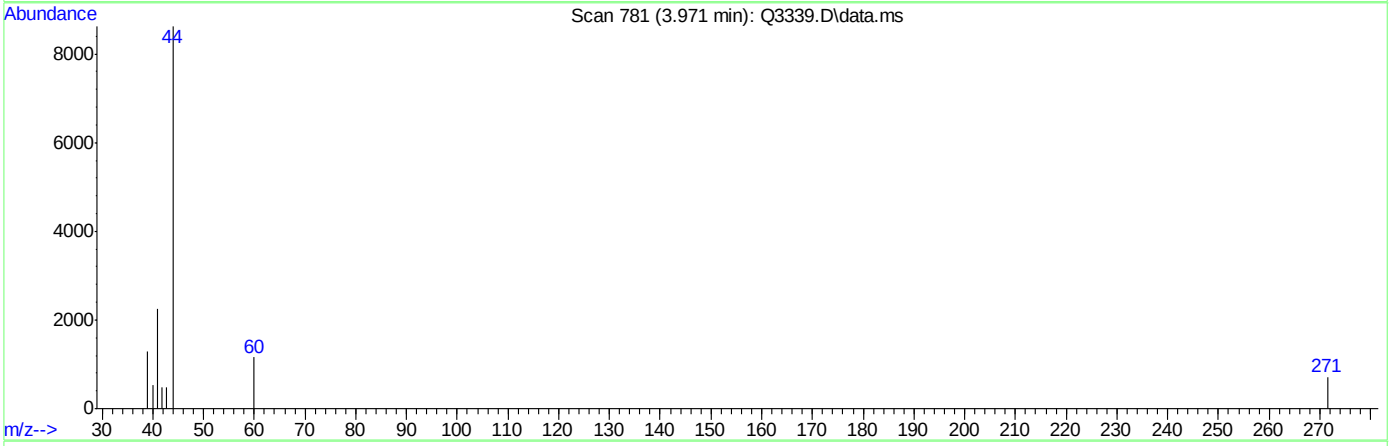
Ion	Exp%	Act%
85.00	100	100
87.00	32.80	21.74
50.00	11.60	4.33
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3339.D
Acq On : 4 May 2007 2:01 pm
Operator : PhilipB
Sample : IC180-.2 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 14:23:50 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 13:28:38 2007
Response via : Initial Calibration





TIC: Q3339.D\data.ms

(3) PROPYLENE (m)

3.971min (+0.002) 0.18PPBV

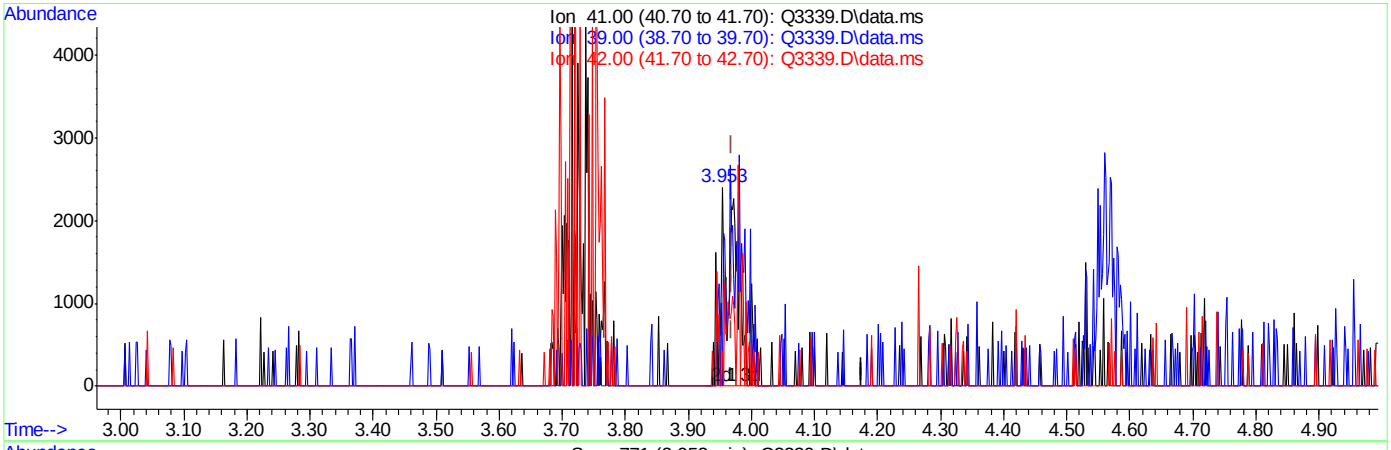
response 2195

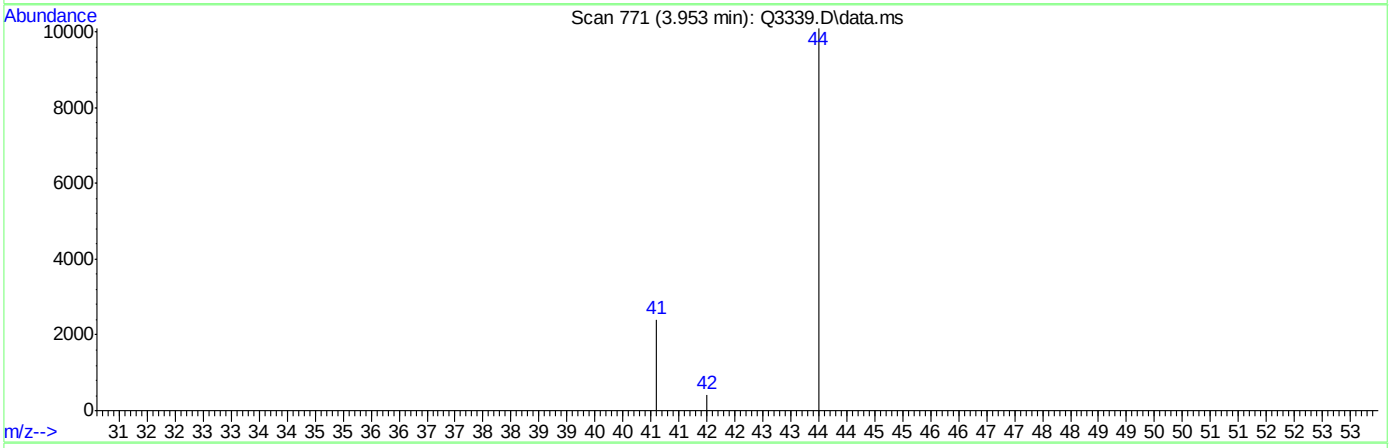
Ion	Exp%	Act%
41.00	100	100
39.00	77.40	57.23#
42.00	67.90	43.48#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3339.D
Acq On : 4 May 2007 2:01 pm
Operator : PhilipB
Sample : IC180-.2 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 14:23:50 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 13:28:38 2007
Response via : Initial Calibration





TIC: Q3339.D\data.ms

(3) PROPYLENE (m)

3.953min (-0.016) 0.32PPBV m

response 4043

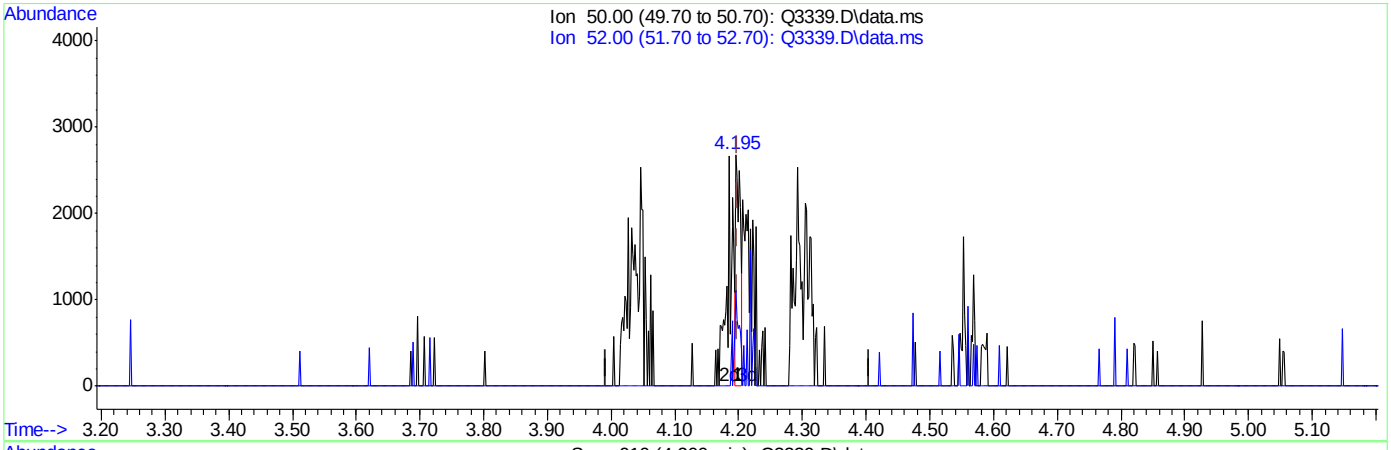
Ion	Exp%	Act%
41.00	100	100
39.00	77.40	0.00#
42.00	67.90	17.56#
0.00	0.00	0.00

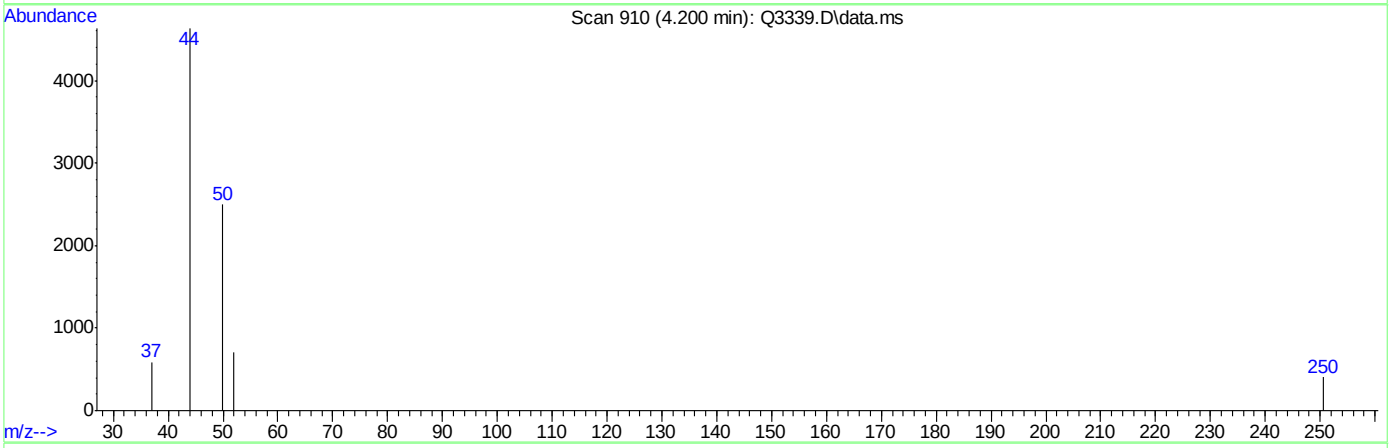
ACCUTEST Laboratories M64901

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3339.D
Acq On : 4 May 2007 2:01 pm
Operator : PhilipB
Sample : IC180-.2 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 14:23:50 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 13:28:38 2007
Response via : Initial Calibration





TIC: Q3339.D\data.ms

(5) CHLOROMETHANE (m)

4.200min (+0.001) 0.10PPBV

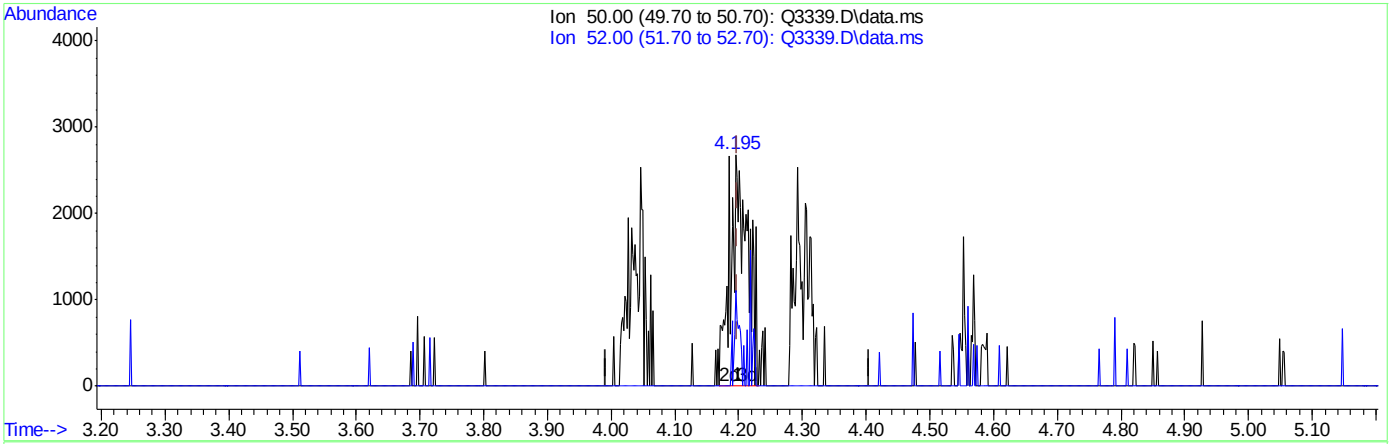
response 1371

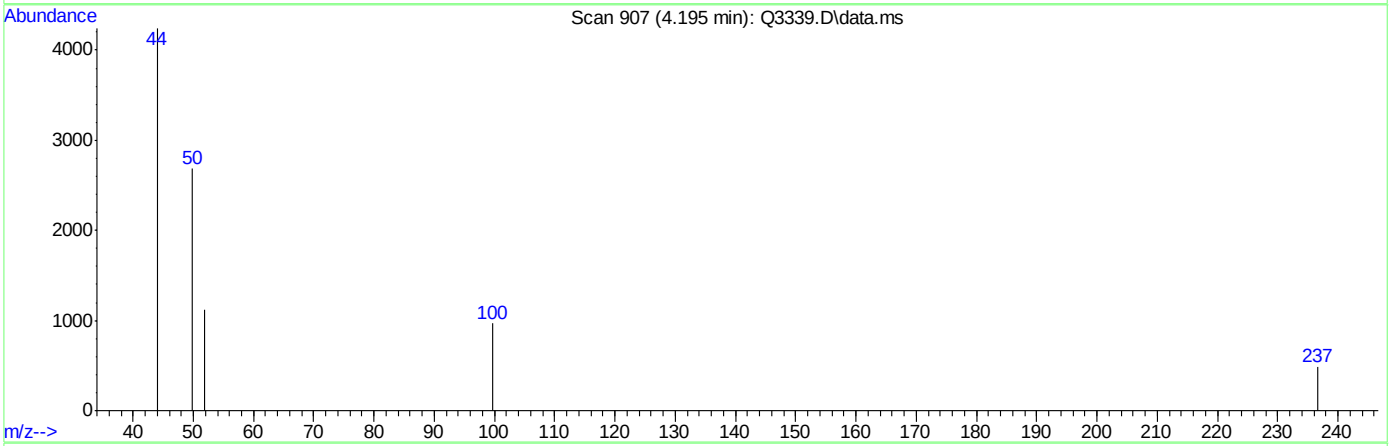
Ion	Exp%	Act%
50.00	100	100
52.00	31.60	14.80
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3339.D
Acq On : 4 May 2007 2:01 pm
Operator : PhilipB
Sample : IC180-.2 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 14:23:50 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 13:28:38 2007
Response via : Initial Calibration





TIC: Q3339.D\data.ms

(5) CHLOROMETHANE (m)

4.195min (-0.004) 0.36PPBV m

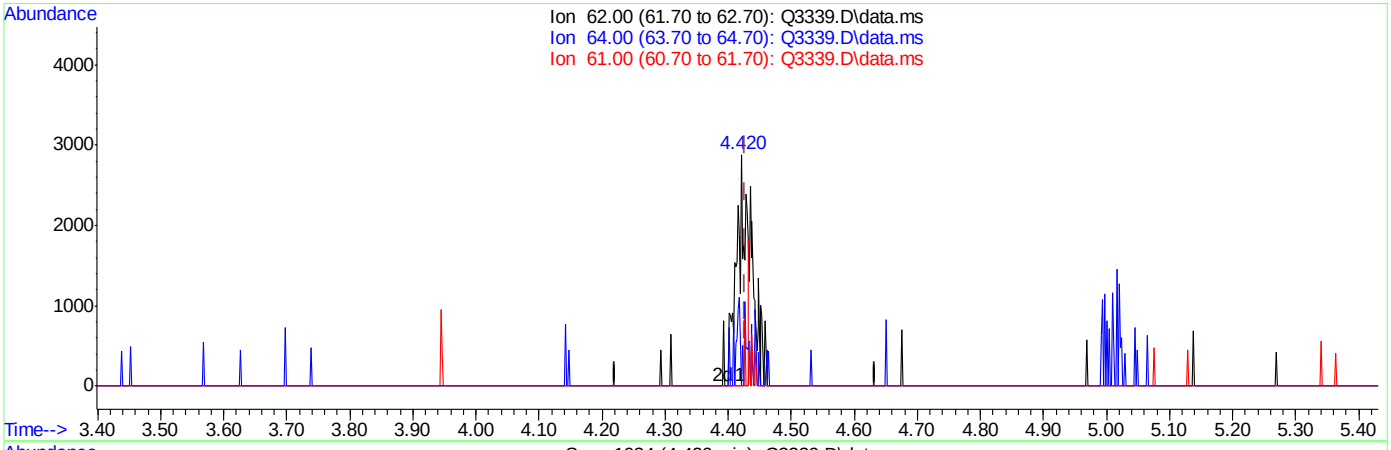
response 5039

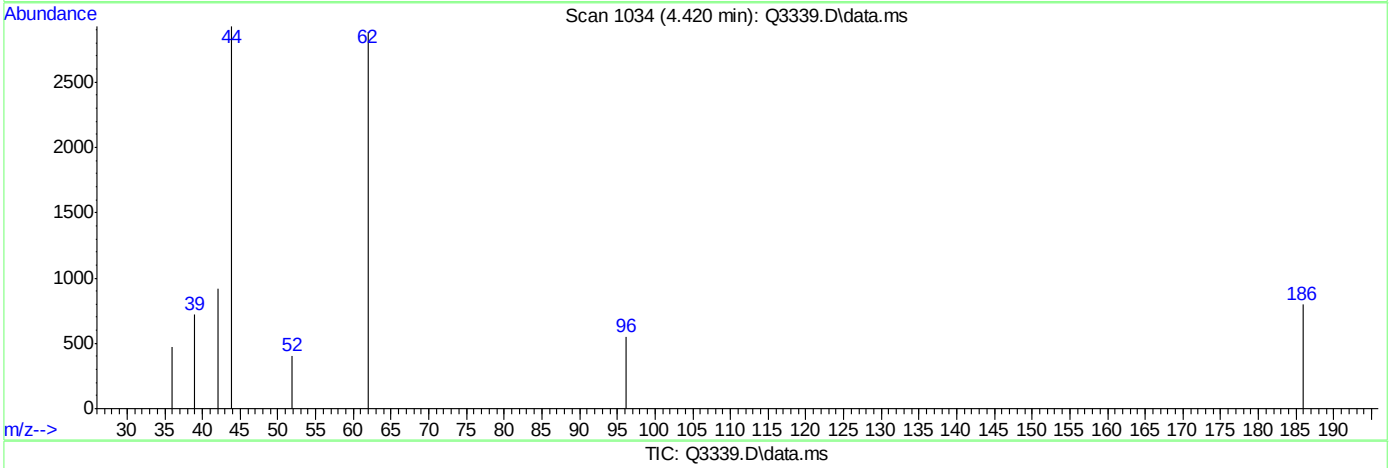
Ion	Exp%	Act%
50.00	100	100
52.00	31.60	41.54
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3339.D
Acq On : 4 May 2007 2:01 pm
Operator : PhilipB
Sample : IC180-.2 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 14:23:50 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 13:28:38 2007
Response via : Initial Calibration





TIC: Q3339.D\data.ms

(6) VINYL CHLORIDE (m)

4.420min (-0.007) 0.20PPBV

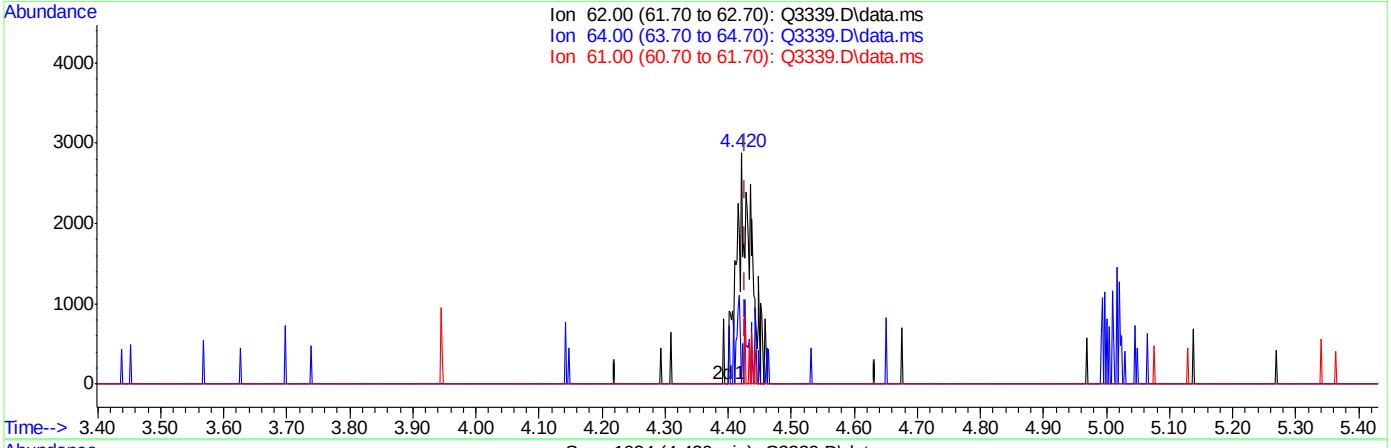
response 3003

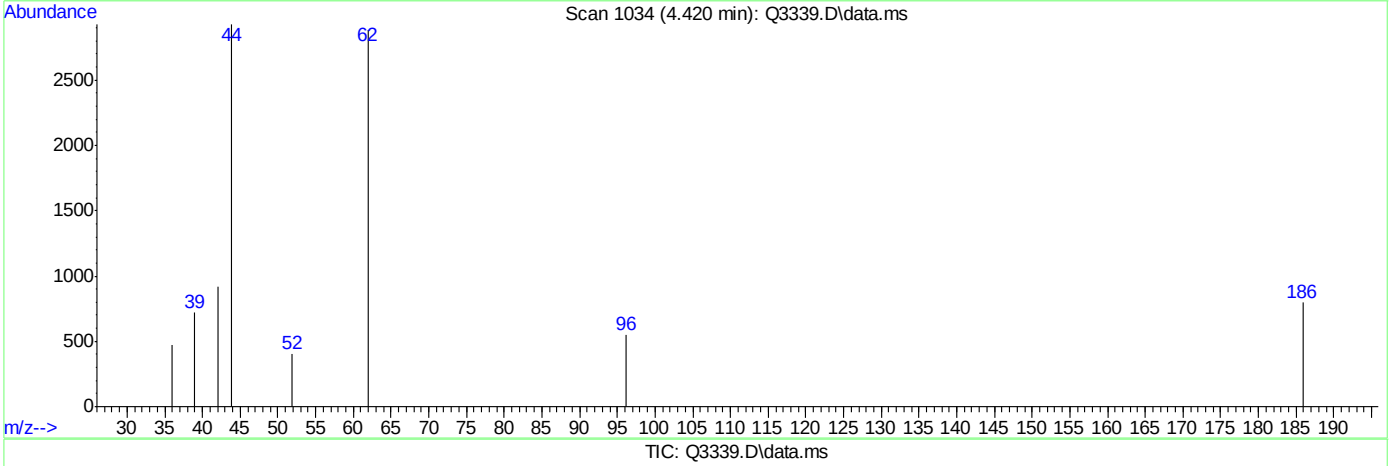
Ion	Exp%	Act%
62.00	100	100
64.00	31.80	18.05
61.00	8.20	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3339.D
Acq On : 4 May 2007 2:01 pm
Operator : PhilipB
Sample : IC180-.2 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 14:23:50 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 13:28:38 2007
Response via : Initial Calibration





TIC: Q3339.D\data.ms

(6) VINYL CHLORIDE (m)

4.420min (-0.007) 0.30PPBV m

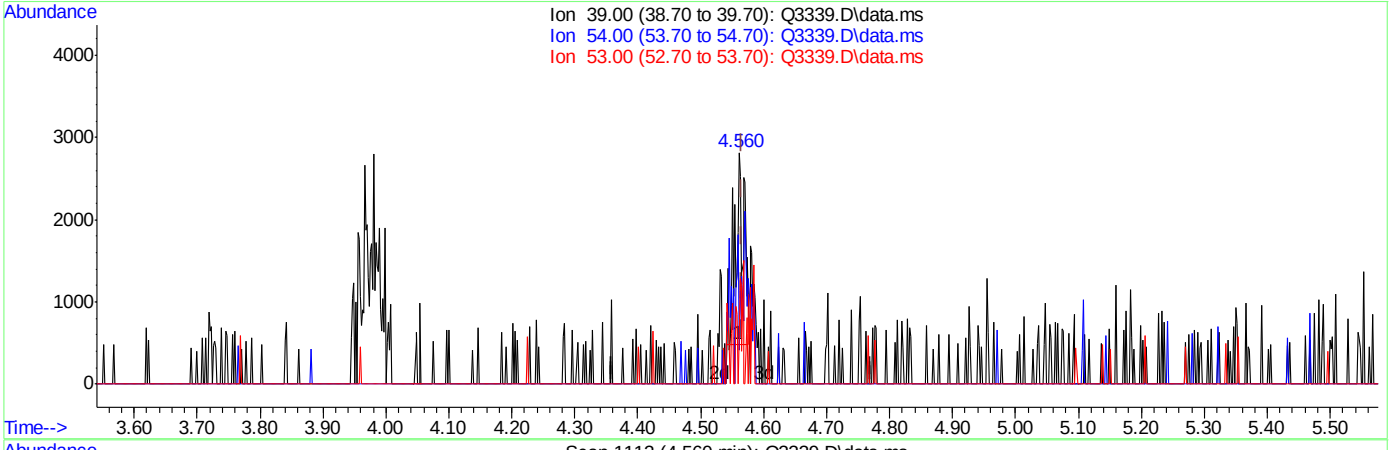
response 4597

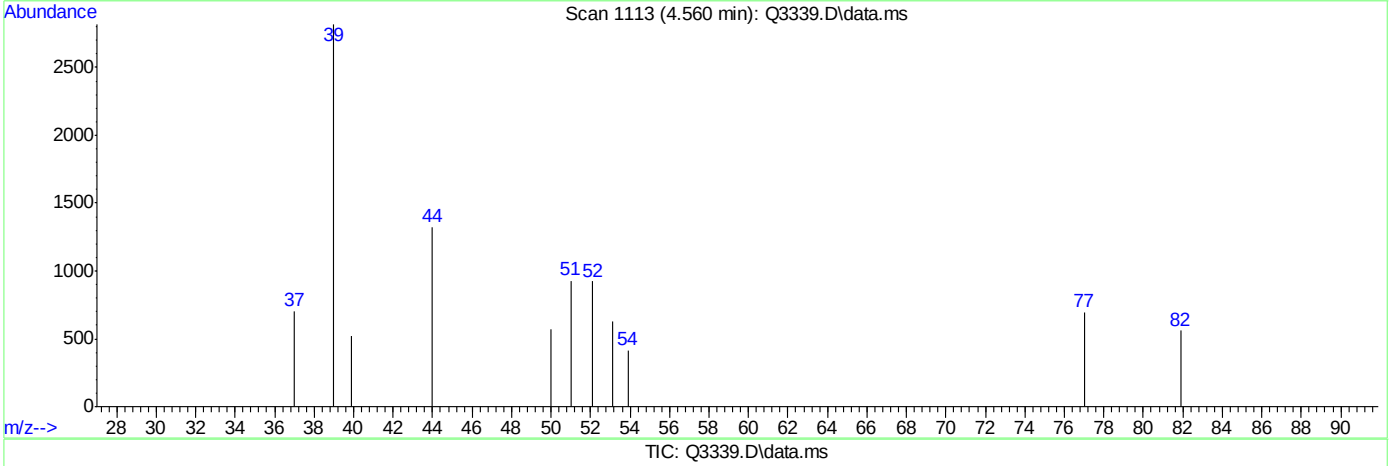
Ion	Exp%	Act%
62.00	100	100
64.00	31.80	11.79#
61.00	8.20	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3339.D
Acq On : 4 May 2007 2:01 pm
Operator : PhilipB
Sample : IC180-.2 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 14:23:50 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 13:28:38 2007
Response via : Initial Calibration





TIC: Q3339.D\data.ms

(7) 1,3-BUTADIENE (m)

4.560min (-0.005) 0.15PPBV

response 2307

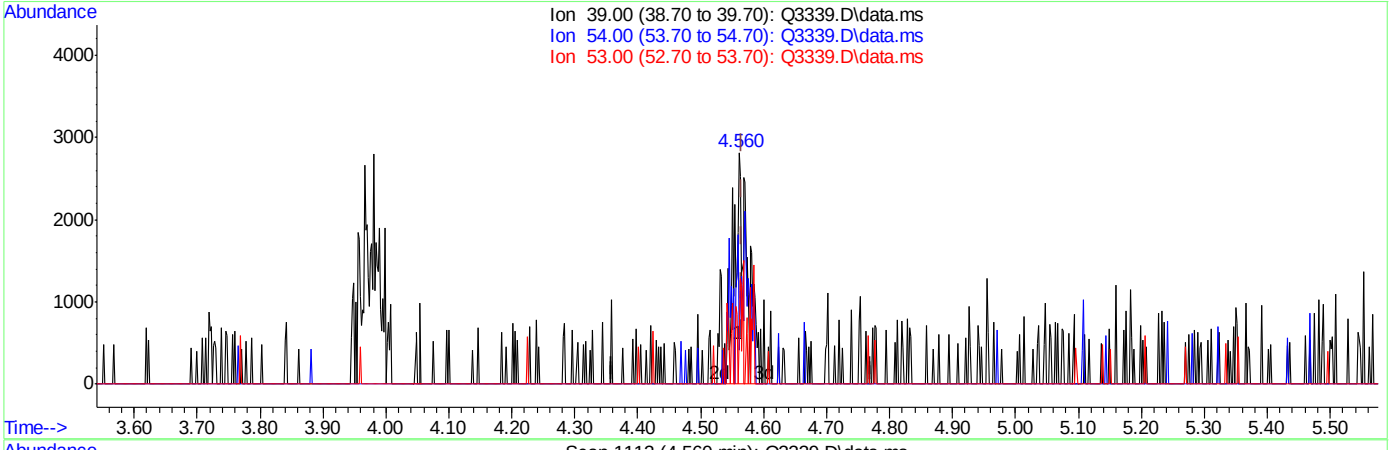
Ion	Exp%	Act%
39.00	100	100
54.00	94.00	0.00#
53.00	63.80	31.43#
0.00	0.00	0.00

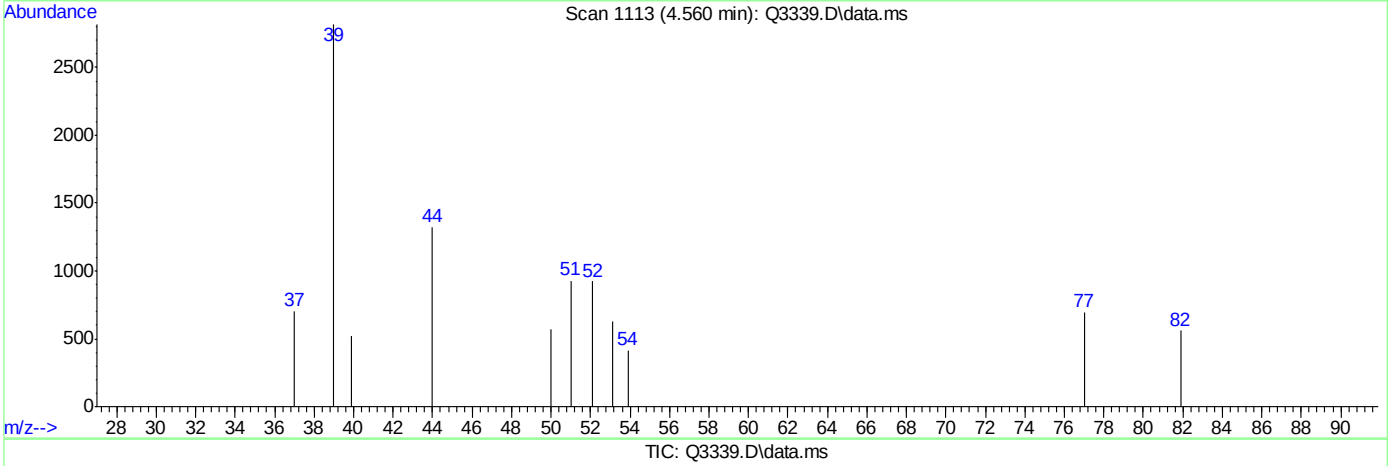
ACCUTEST Laboratories M64901

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3339.D
Acq On : 4 May 2007 2:01 pm
Operator : PhilipB
Sample : IC180-.2 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 14:23:50 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 13:28:38 2007
Response via : Initial Calibration





TIC: Q3339.D\data.ms

(7) 1,3-BUTADIENE (m)

4.560min (-0.005) 0.31PPBV m

response 4811

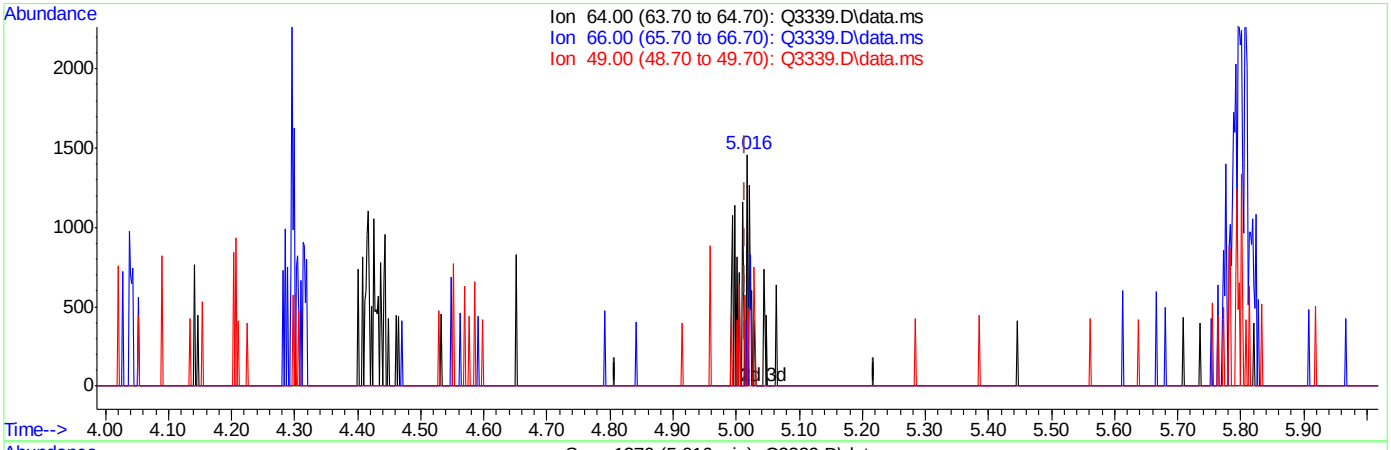
Ion	Exp%	Act%
39.00	100	100
54.00	94.00	0.00#
53.00	63.80	15.07#
0.00	0.00	0.00

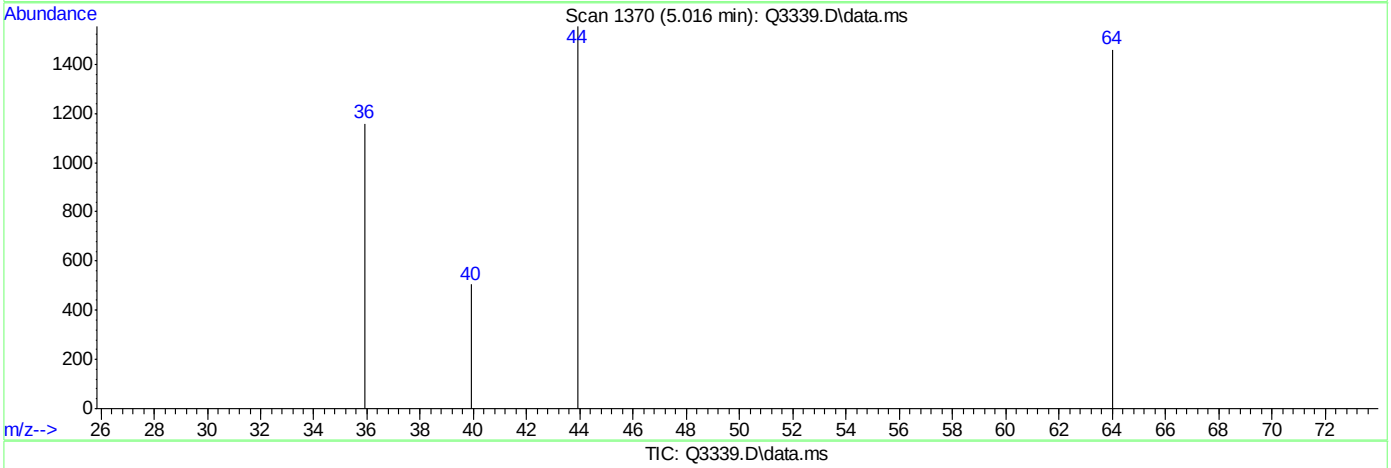
ACCUTEST Laboratories M64901

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3339.D
Acq On : 4 May 2007 2:01 pm
Operator : PhilipB
Sample : IC180-.2 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 14:23:50 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 13:28:38 2007
Response via : Initial Calibration





TIC: Q3339.D\data.ms

(9) CHLOROETHANE (m)

5.016min (+0.002) 0.14PPBV

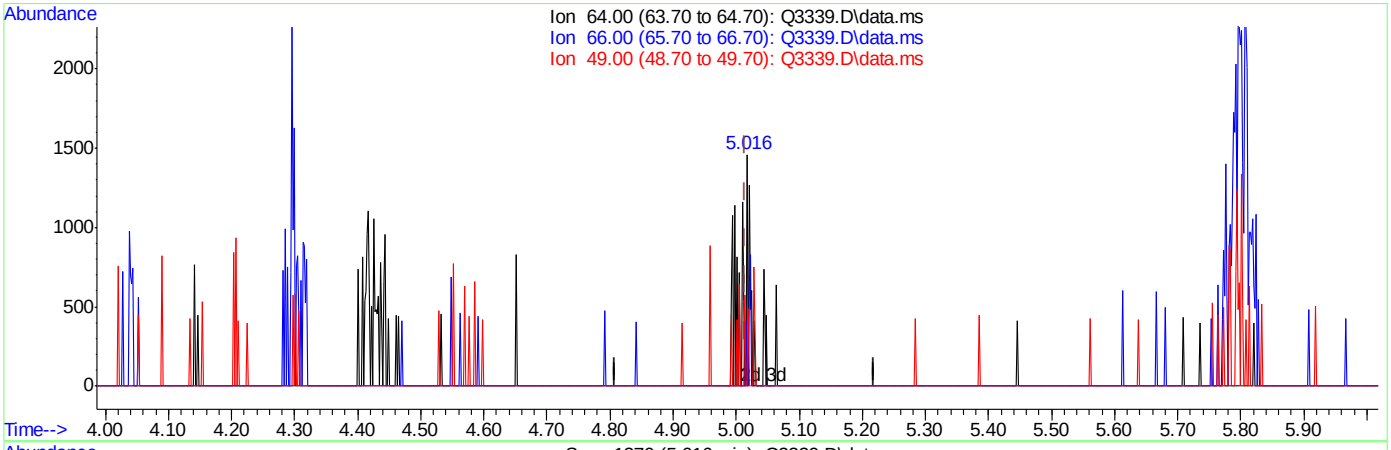
response 802

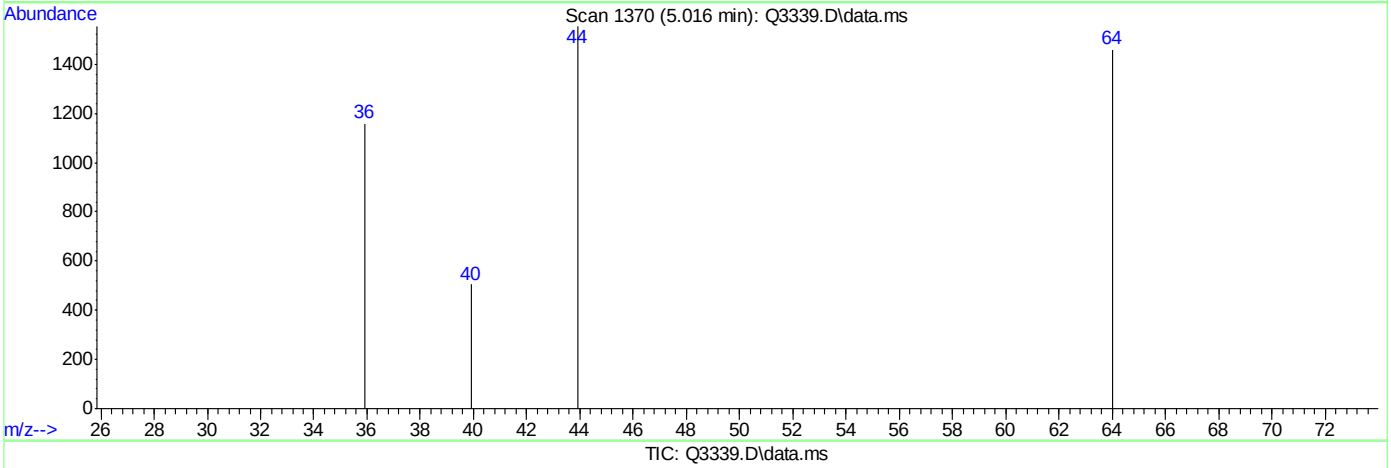
Ion	Exp%	Act%
64.00	100	100
66.00	33.60	0.00#
49.00	30.70	6.48#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3339.D
Acq On : 4 May 2007 2:01 pm
Operator : PhilipB
Sample : IC180-.2 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 14:23:50 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 13:28:38 2007
Response via : Initial Calibration





TIC: Q3339.D\data.ms

(9) CHLOROETHANE (m)

5.016min (+0.002) 0.14PPBV

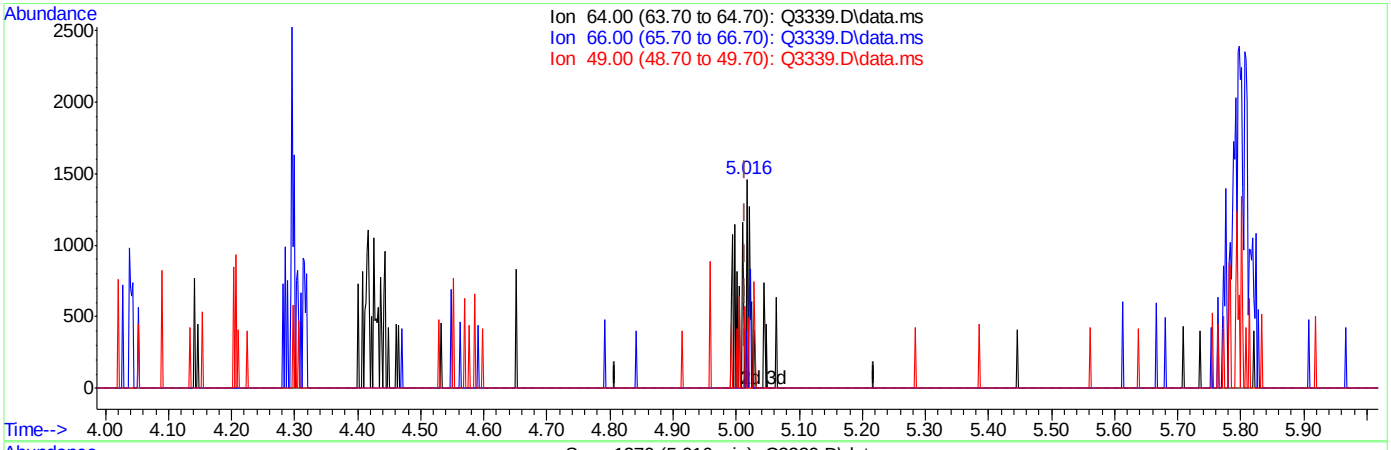
response 802

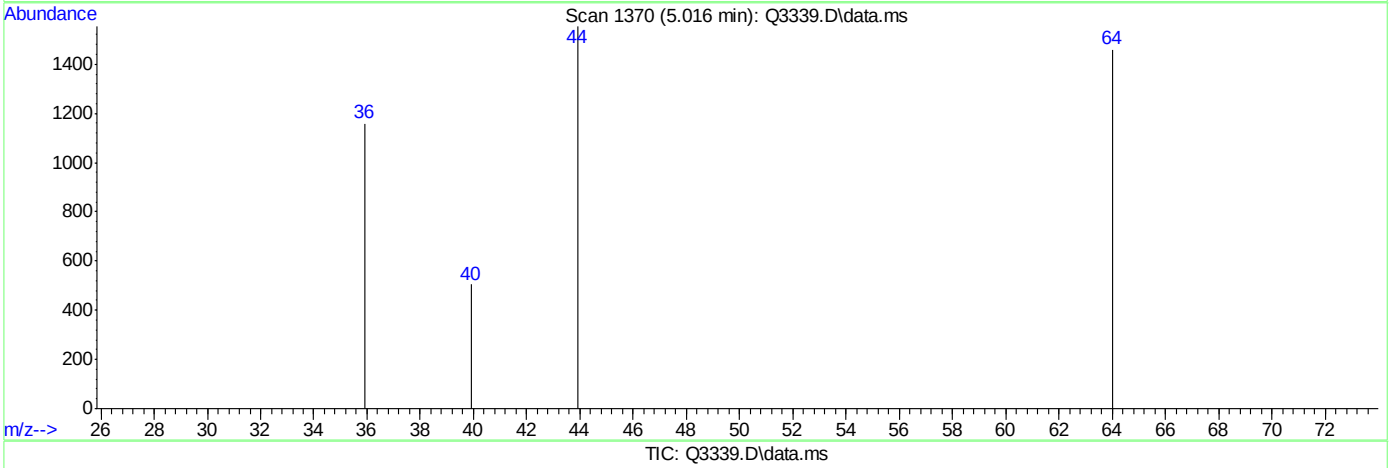
Ion	Exp%	Act%
64.00	100	100
66.00	33.60	0.00#
49.00	30.70	6.48#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3339.D
Acq On : 4 May 2007 2:01 pm
Operator : PhilipB
Sample : IC180-.2 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 14:23:50 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 13:28:38 2007
Response via : Initial Calibration





TIC: Q3339.D\data.ms

(9) CHLOROETHANE (m)

5.016min (+0.002) 0.19PPBV m

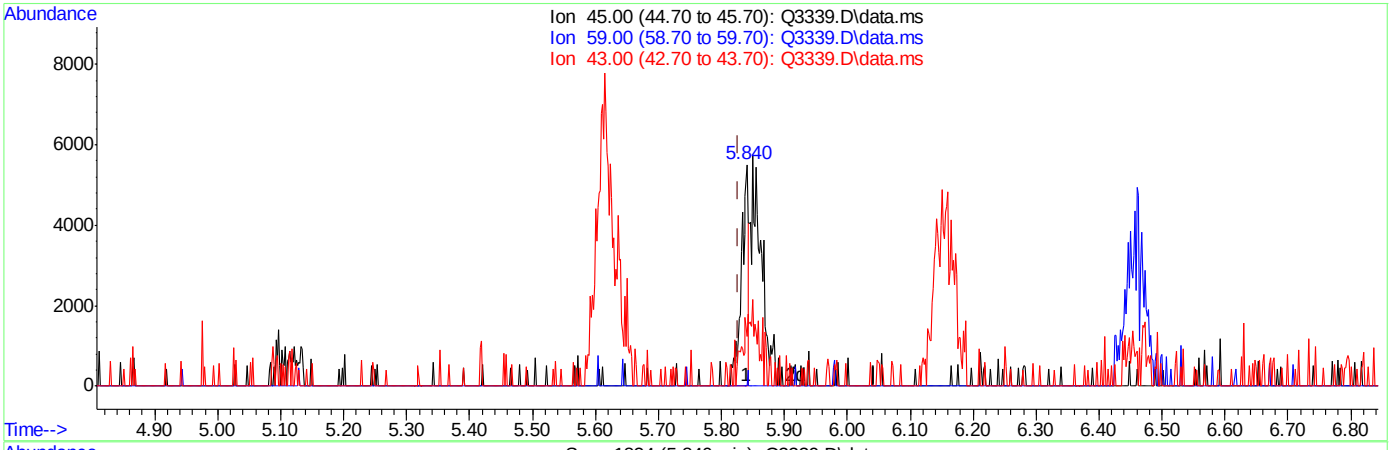
response 1097

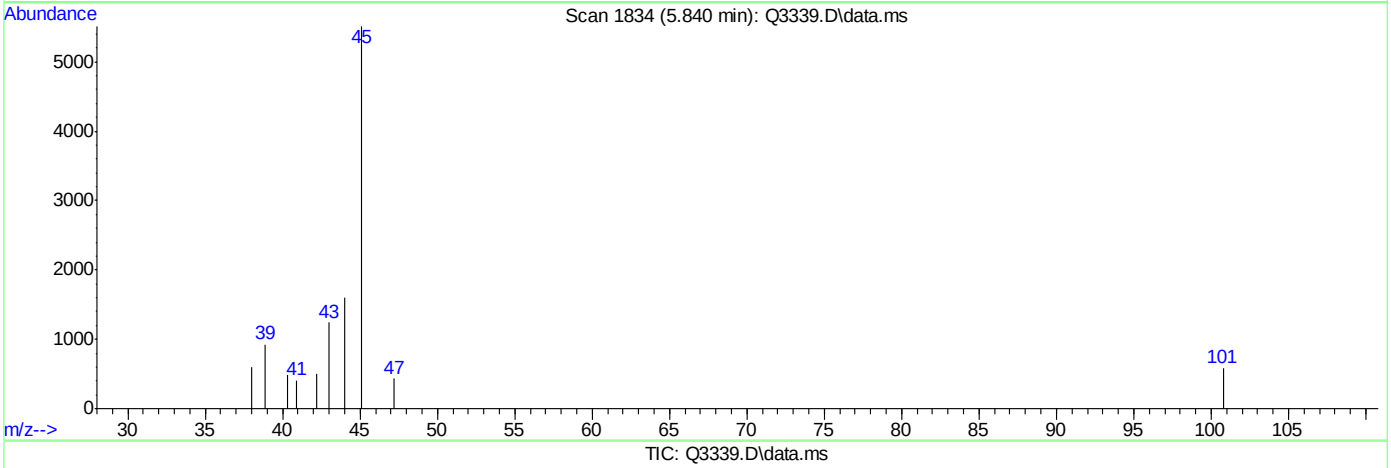
Ion	Exp%	Act%
64.00	100	100
66.00	33.60	0.00#
49.00	30.70	4.74#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3339.D
Acq On : 4 May 2007 2:01 pm
Operator : PhilipB
Sample : IC180-.2 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 14:23:50 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 13:28:38 2007
Response via : Initial Calibration





TIC: Q3339.D\data.ms

(11) ISOPROPYL ALCOHOL (m)

5.840min (+0.013) 0.16PPBV

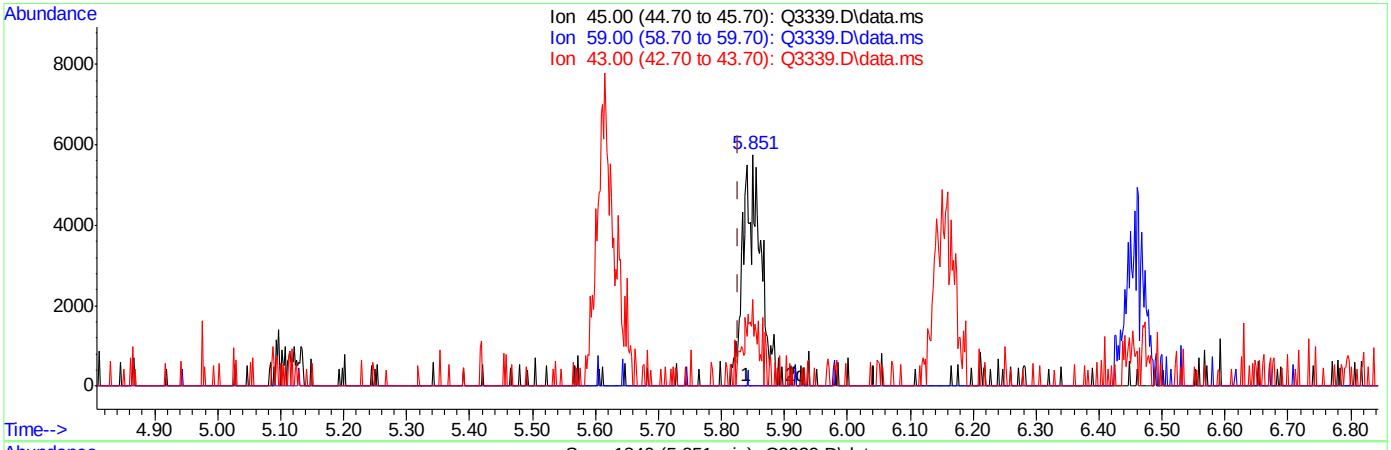
response 4413

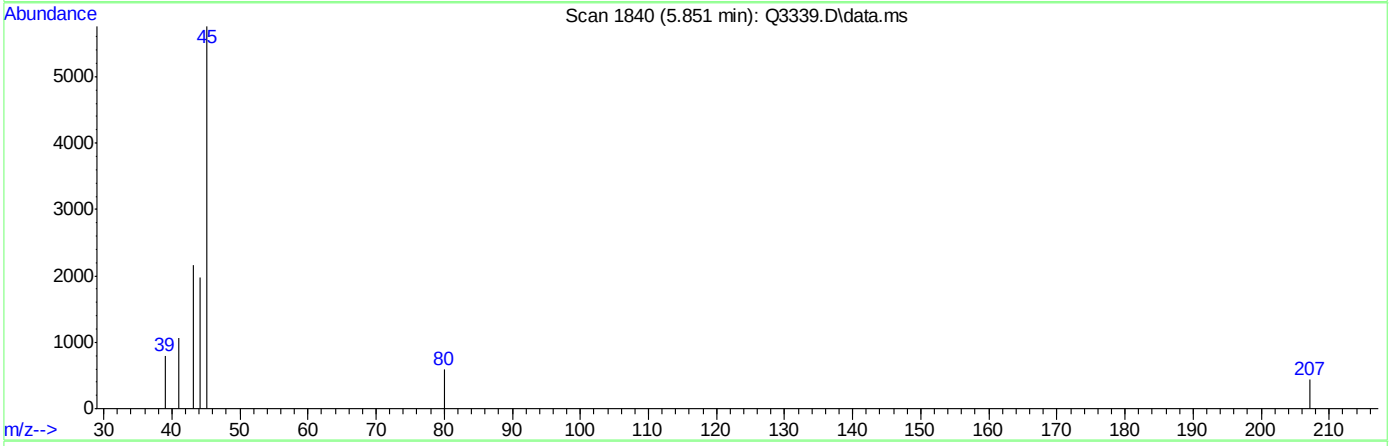
Ion	Exp%	Act%
45.00	100	100
59.00	4.70	0.00
43.00	21.00	22.50
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3339.D
Acq On : 4 May 2007 2:01 pm
Operator : PhilipB
Sample : IC180-.2 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 14:23:50 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 13:28:38 2007
Response via : Initial Calibration





TIC: Q3339.D\data.ms

(11) ISOPROPYL ALCOHOL (m)

5.851min (+0.024) 0.42PPBV m

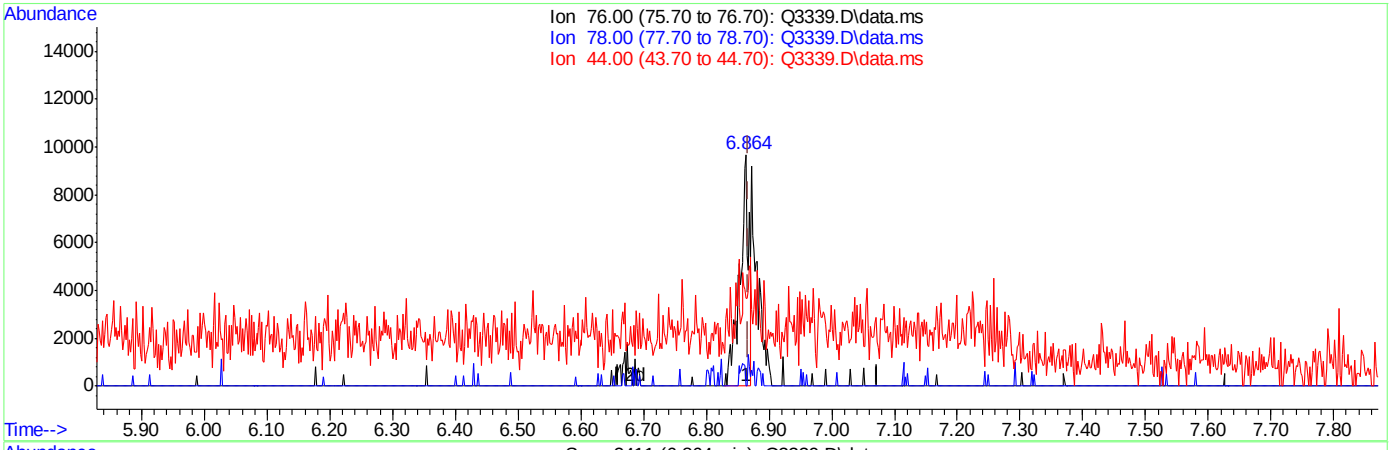
response 11292

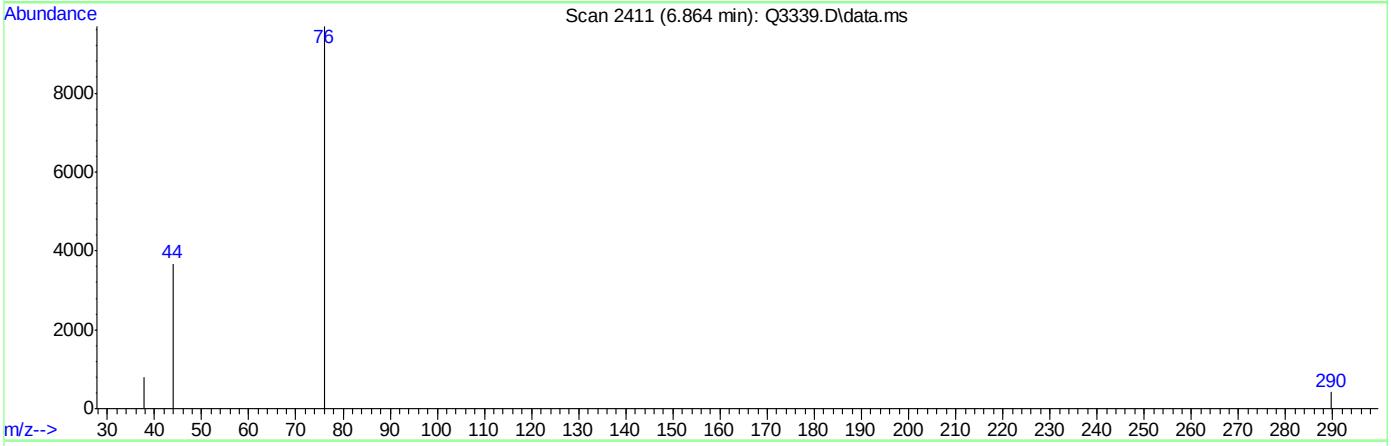
Ion	Exp%	Act%
45.00	100	100
59.00	4.70	0.00
43.00	21.00	37.49
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3339.D
Acq On : 4 May 2007 2:01 pm
Operator : PhilipB
Sample : IC180-.2 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 14:23:50 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 13:28:38 2007
Response via : Initial Calibration





TIC: Q3339.D\data.ms

(15) CARBON DISULFIDE (m)

6.864min (-0.003) 0.24PPBV

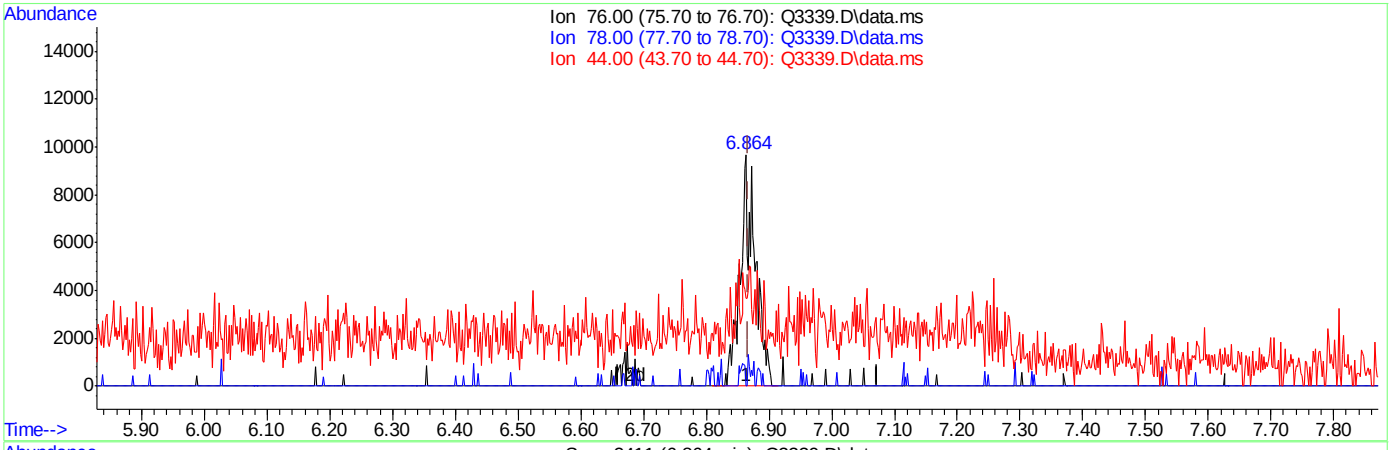
response 10072

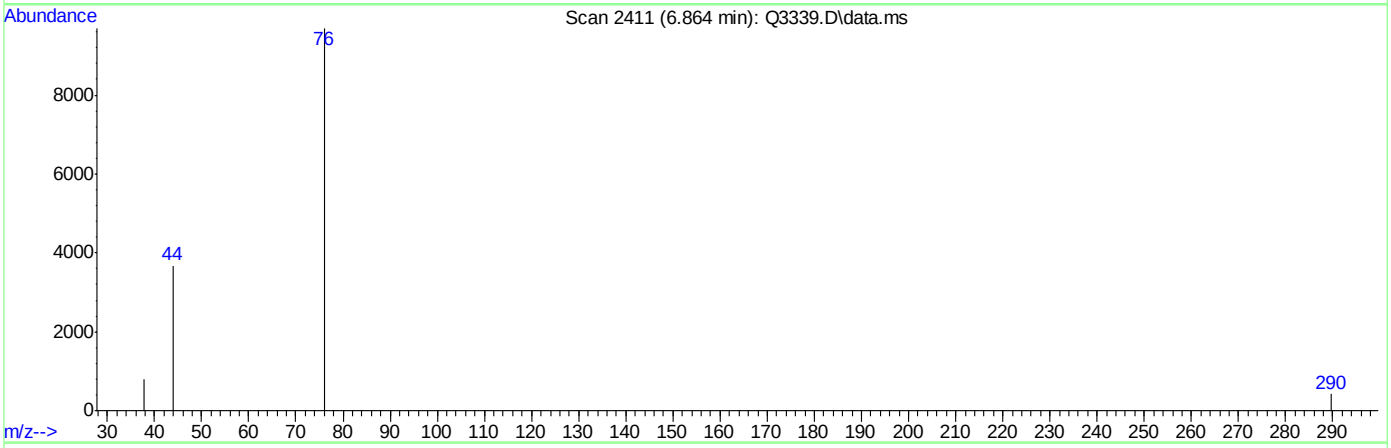
Ion	Exp%	Act%
76.00	100	100
78.00	9.20	4.97
44.00	13.80	15.36
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3339.D
Acq On : 4 May 2007 2:01 pm
Operator : PhilipB
Sample : IC180-.2 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 14:23:50 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 13:28:38 2007
Response via : Initial Calibration





TIC: Q3339.D\data.ms

(15) CARBON DISULFIDE (m)

6.864min (-0.003) 0.39PPBV m

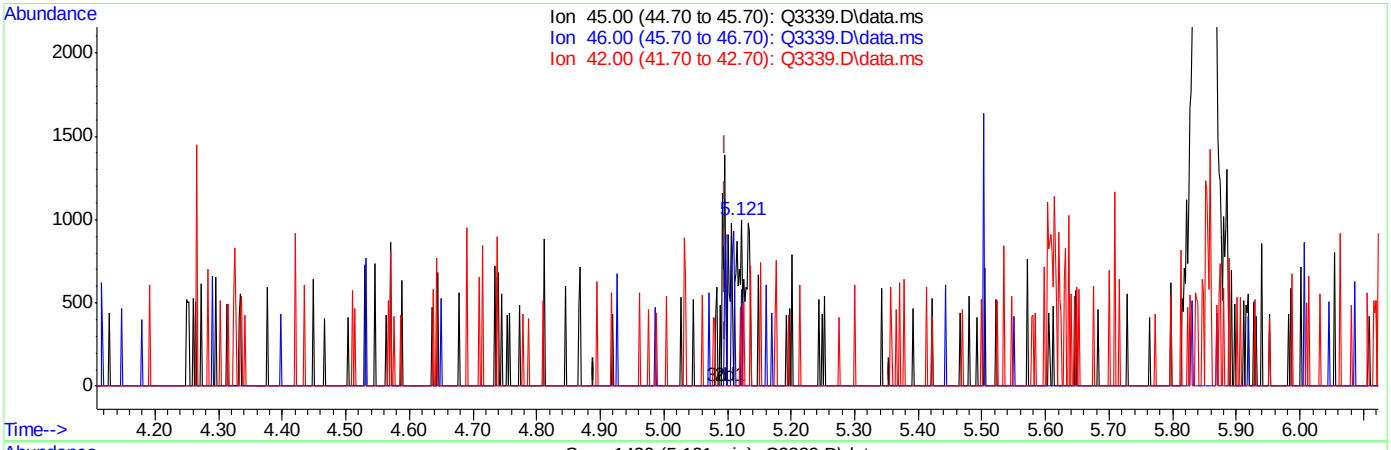
response 16496

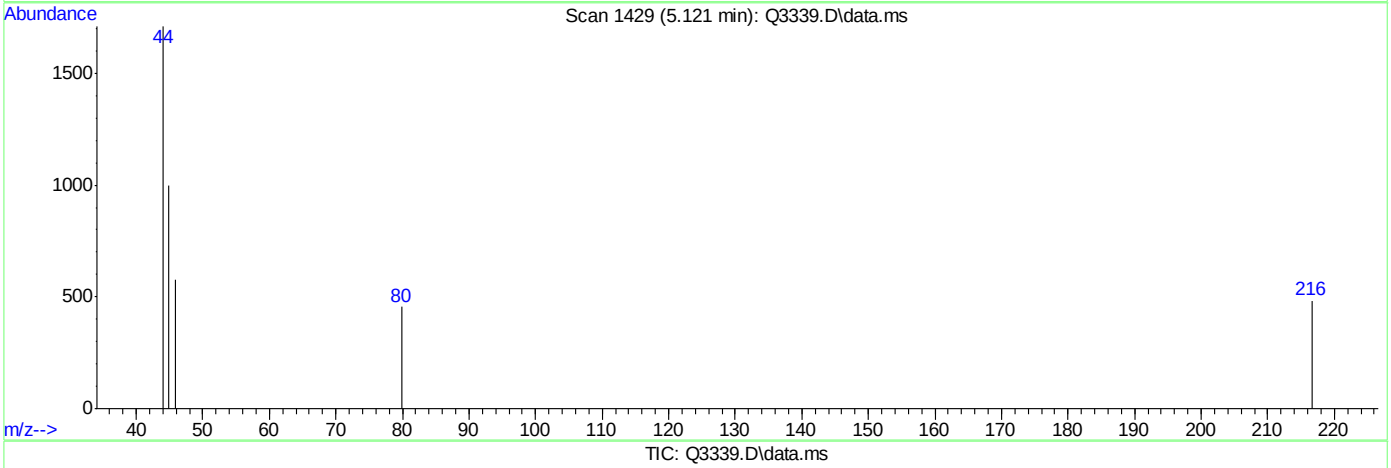
Ion	Exp%	Act%
76.00	100	100
78.00	9.20	3.04
44.00	13.80	9.38
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3339.D
Acq On : 4 May 2007 2:01 pm
Operator : PhilipB
Sample : IC180-.2 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 14:23:50 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 13:28:38 2007
Response via : Initial Calibration





TIC: Q3339.D\data.ms

(16) ETHANOL (m)

5.121min (+0.024) 0.12PPBV

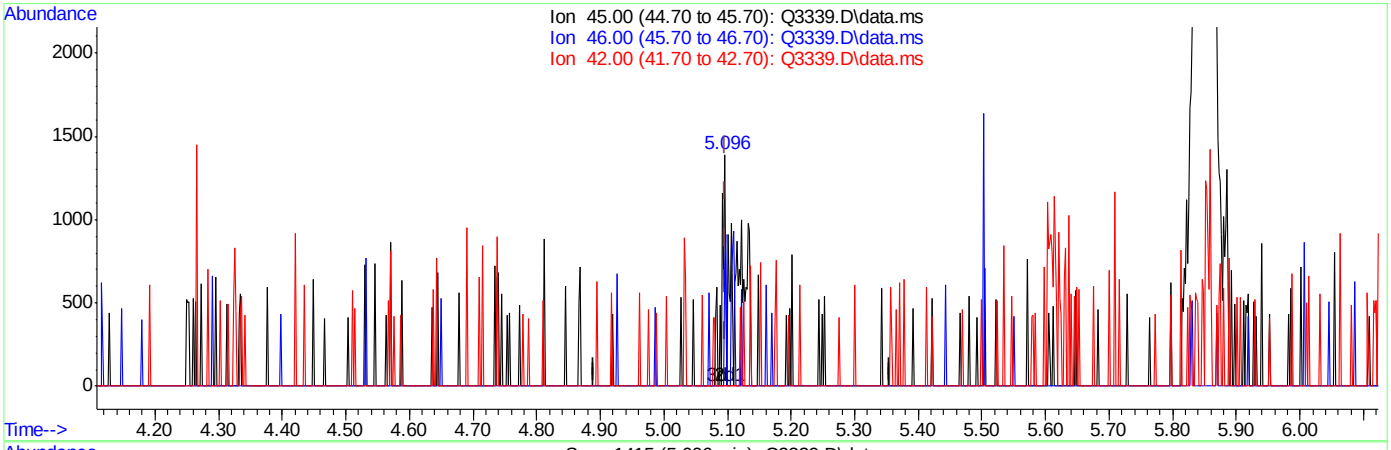
response 595

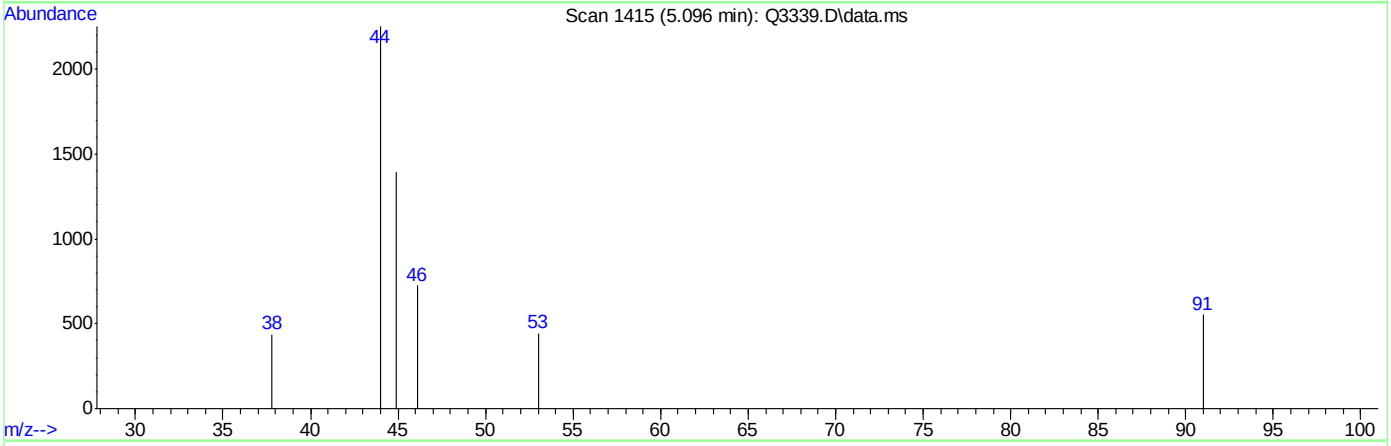
Ion	Exp%	Act%
45.00	100	100
46.00	30.60	37.31
42.00	4.60	17.65
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3339.D
Acq On : 4 May 2007 2:01 pm
Operator : PhilipB
Sample : IC180-.2 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 14:23:50 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 13:28:38 2007
Response via : Initial Calibration





TIC: Q3339.D\data.ms

(16) ETHANOL (m)

5.096min (-0.001) 0.40PPBV m

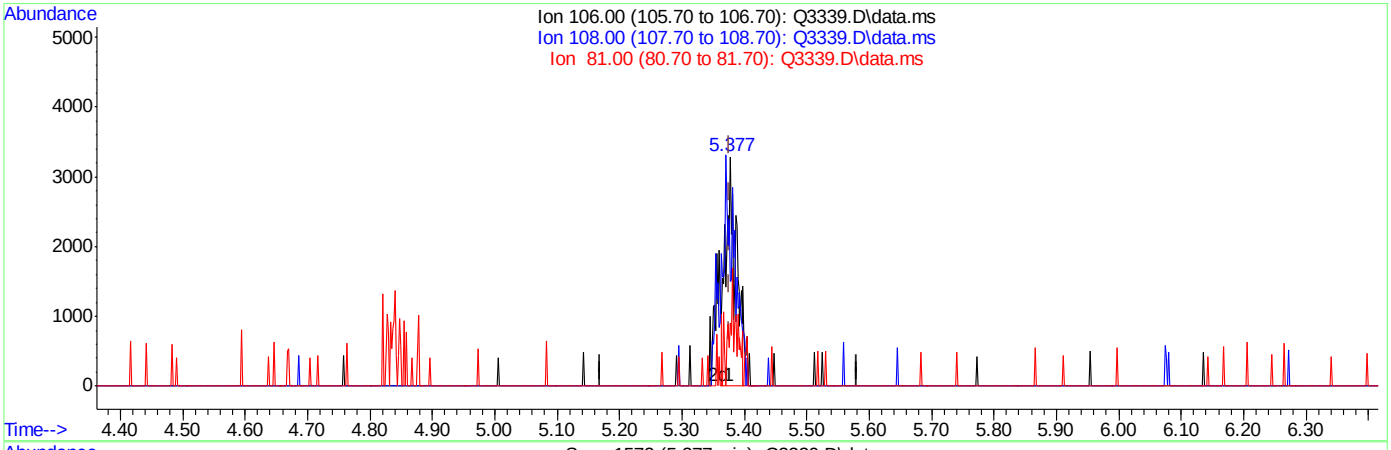
response 1962

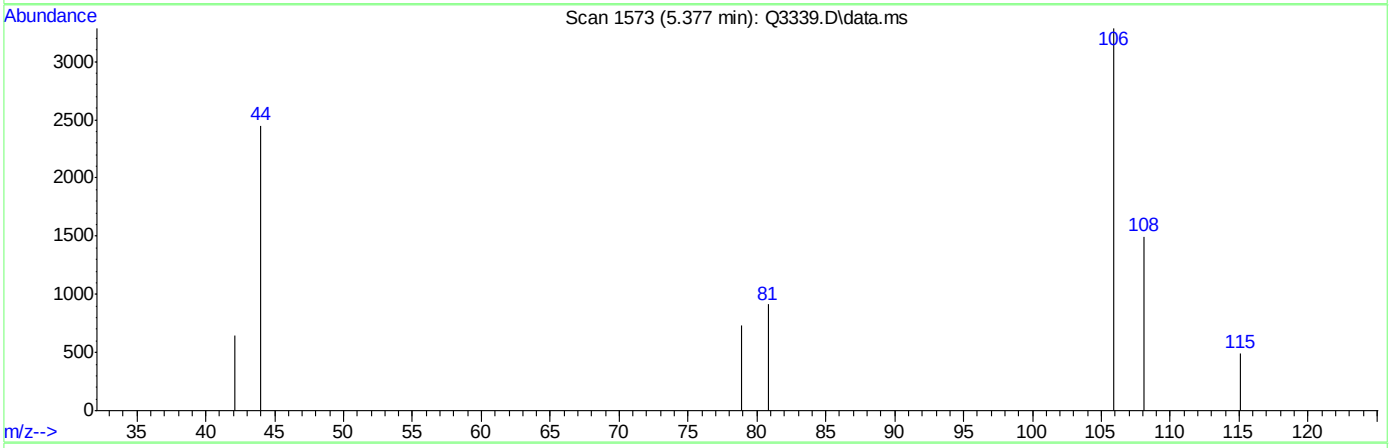
Ion	Exp%	Act%
45.00	100	100
46.00	30.60	11.31
42.00	4.60	5.35
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3339.D
Acq On    :  4 May 2007   2:01 pm
Operator  : PhilipB
Sample    : IC180-.2 (M057)
Misc      : MS13469,MSQ180,,,,,1
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: May 04 14:23:50 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 13:28:38 2007
Response via : Initial Calibration
```



TIC: Q3339.D\data.ms

(17) BROMOETHENE (m)

5.377min (+0.001) 0.26PPBV

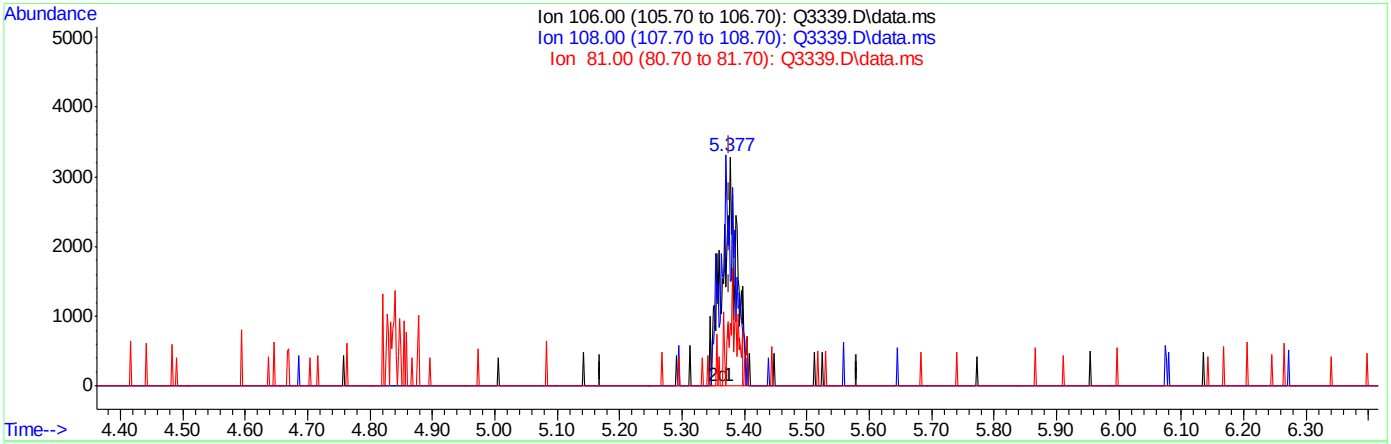
response 4173

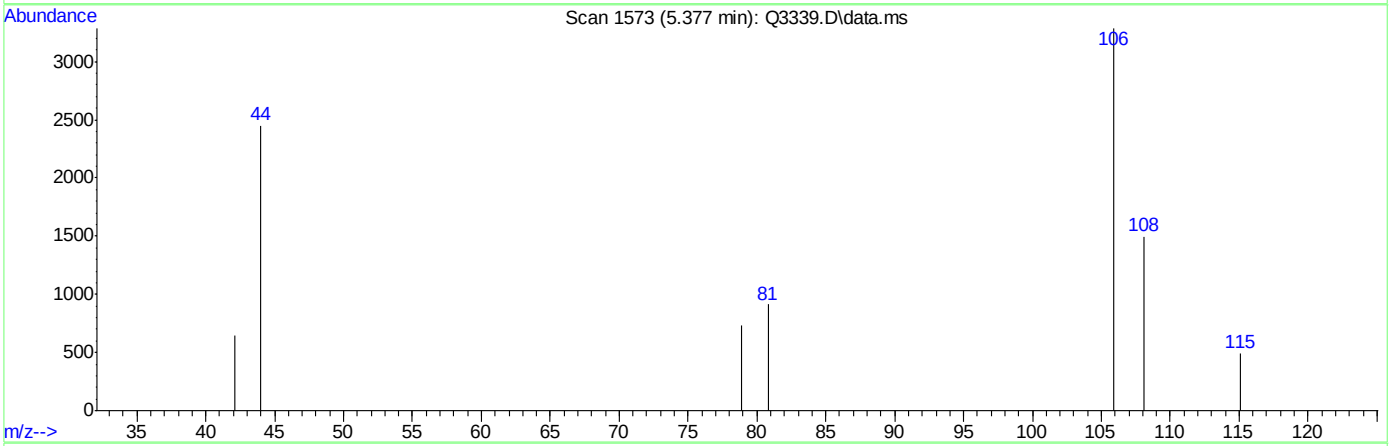
Ion	Exp%	Act%
106.00	100	100
108.00	95.00	48.29#
81.00	17.00	29.98#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3339.D
Acq On : 4 May 2007 2:01 pm
Operator : PhilipB
Sample : IC180-.2 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 14:23:50 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 13:28:38 2007
Response via : Initial Calibration





TIC: Q3339.D\data.ms

(17) BROMOETHENE (m)

5.377min (+0.001) 0.33PPBV m

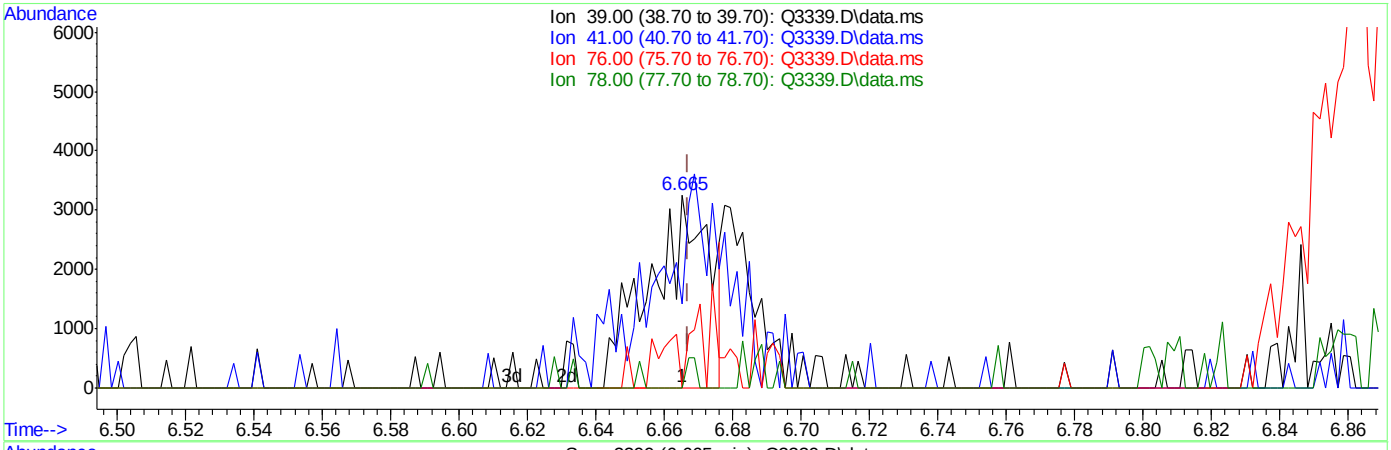
response 5294

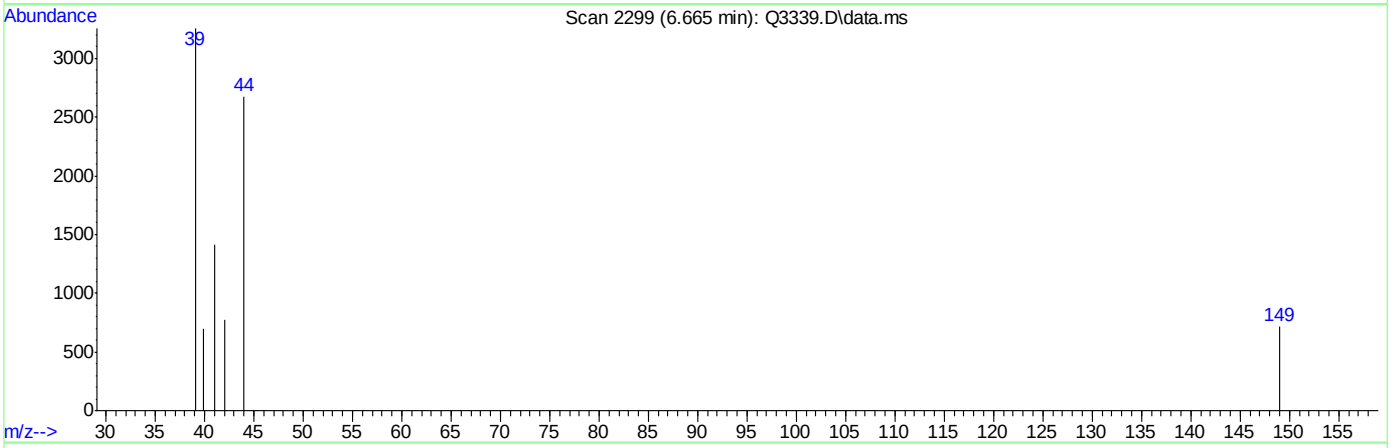
Ion	Exp%	Act%
106.00	100	100
108.00	95.00	38.06#
81.00	17.00	23.63#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3339.D
Acq On : 4 May 2007 2:01 pm
Operator : PhilipB
Sample : IC180-.2 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 14:23:50 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 13:28:38 2007
Response via : Initial Calibration





TIC: Q3339.D\data.ms

(19) 3-CHLOROPROPENE (m)

6.665min (-0.002) 0.23PPBV

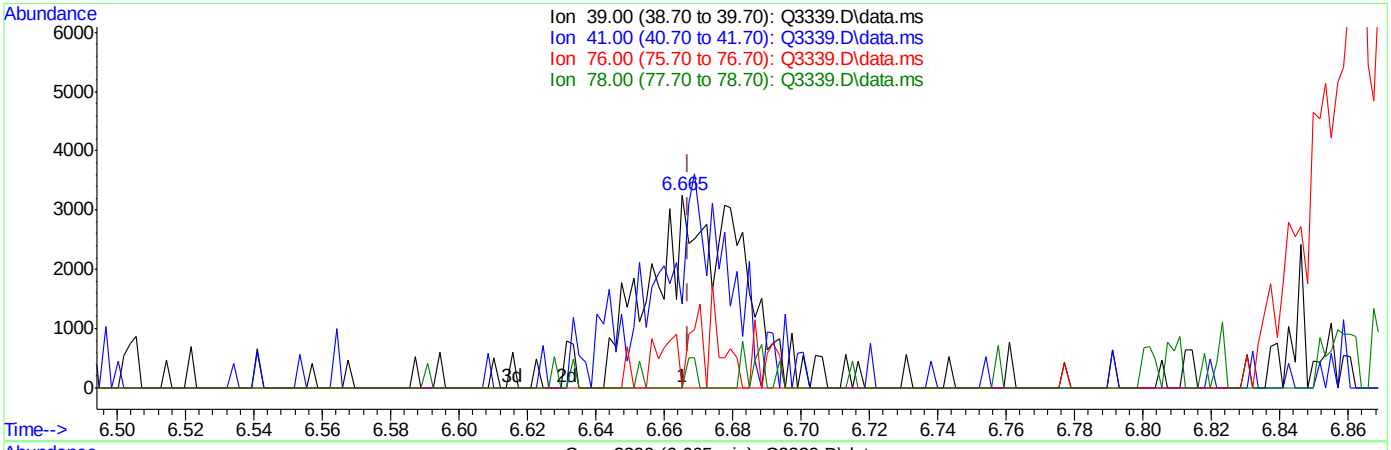
response 3895

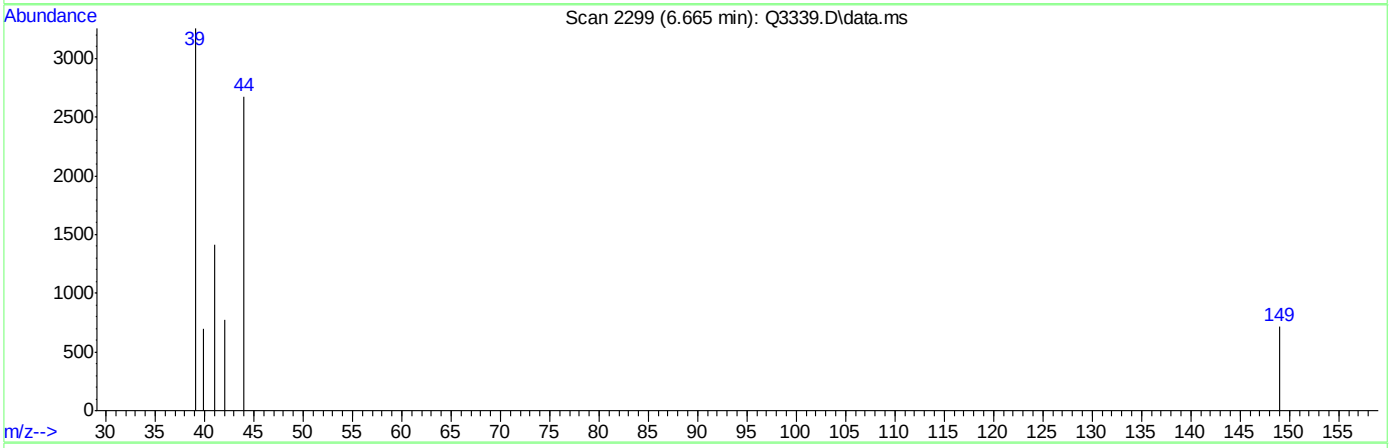
Ion	Exp%	Act%
39.00	100	100
41.00	114.00	109.60
76.00	46.50	10.09#
78.00	15.30	2.80

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3339.D
Acq On    :  4 May 2007   2:01 pm
Operator  : PhilipB
Sample    : IC180-.2 (M057)
Misc      : MS13469,MSQ180,,,,,1
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: May 04 14:23:50 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 13:28:38 2007
Response via : Initial Calibration
```



TIC: Q3339.D\data.ms

(19) 3-CHLOROPROPENE (m)

6.665min (-0.002) 0.33PPBV m

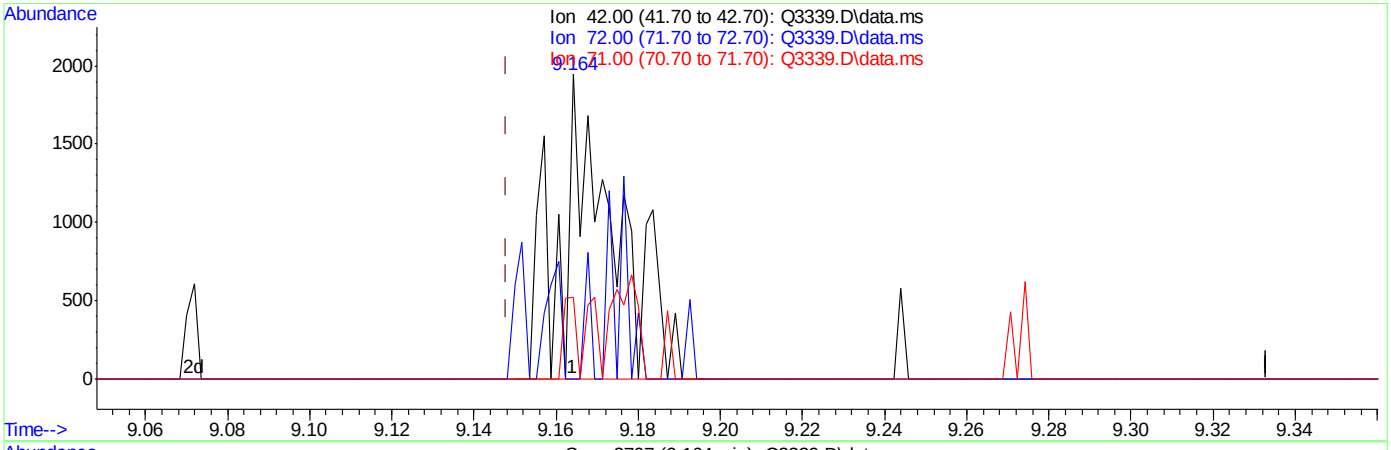
response 5778

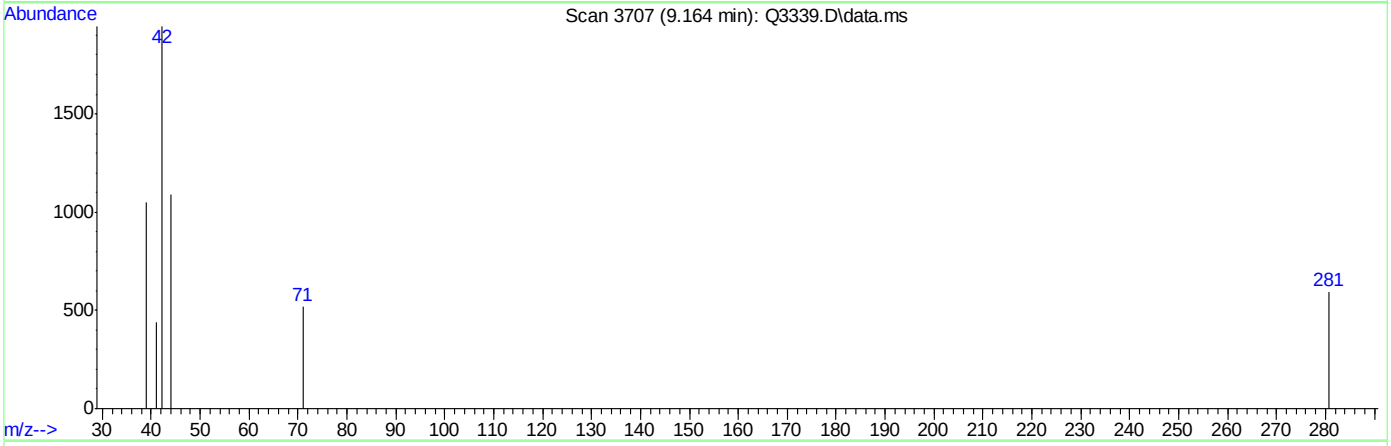
Ion	Exp%	Act%
39.00	100	100
41.00	114.00	73.88#
76.00	46.50	6.80#
78.00	15.30	1.89

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3339.D
Acq On : 4 May 2007 2:01 pm
Operator : PhilipB
Sample : IC180-.2 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 14:23:50 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 13:28:38 2007
Response via : Initial Calibration





TIC: Q3339.D\data.ms

(24) TETRAHYDROFURAN (m)

9.164min (+0.016) 0.15PPBV

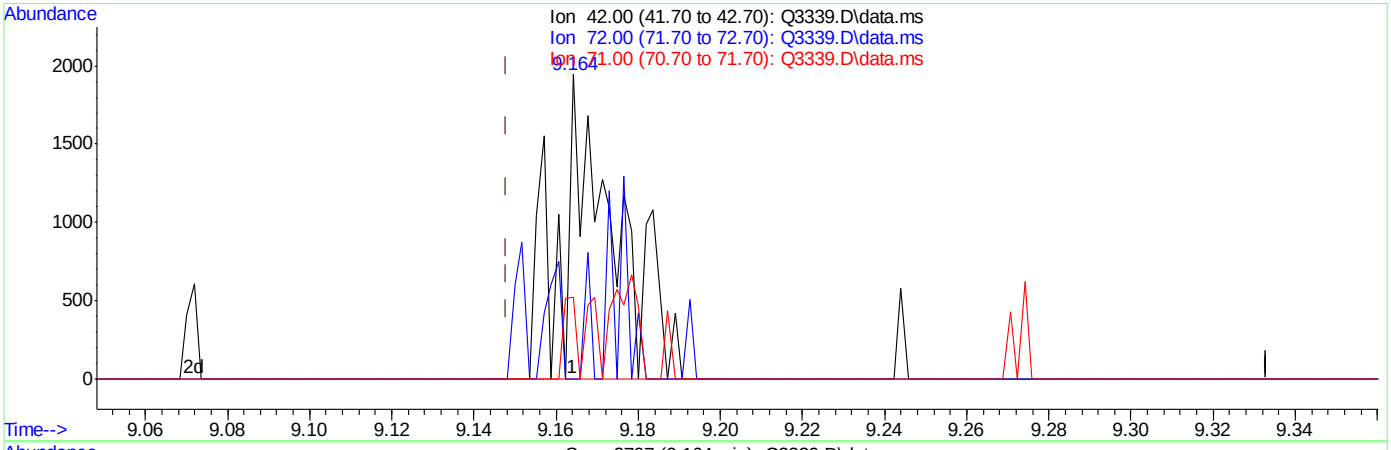
response 1836

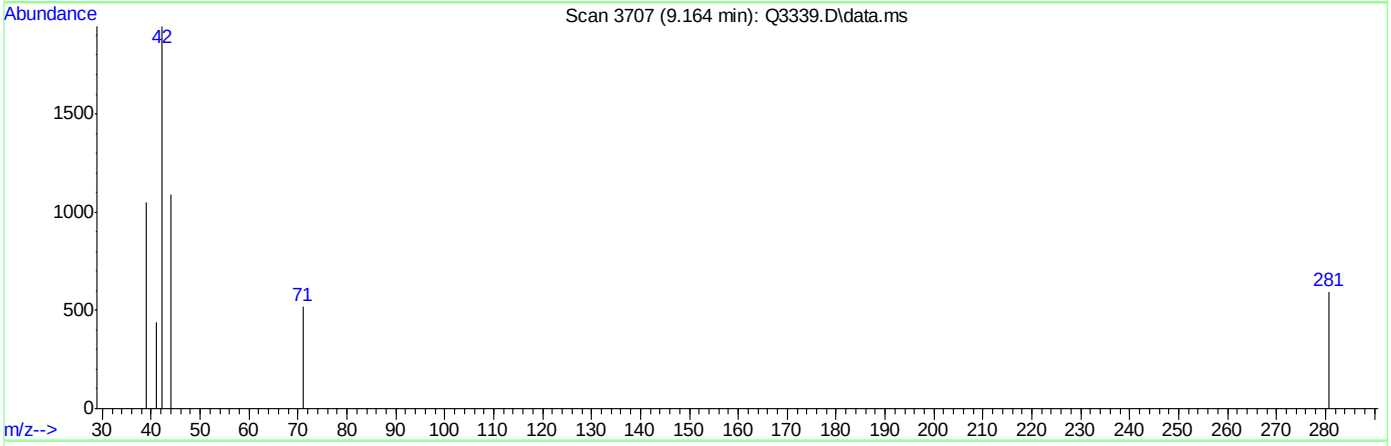
Ion	Exp%	Act%
42.00	100	100
72.00	42.70	8.55#
71.00	41.90	11.76#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3339.D
Acq On : 4 May 2007 2:01 pm
Operator : PhilipB
Sample : IC180-.2 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 14:23:50 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 13:28:38 2007
Response via : Initial Calibration





TIC: Q3339.D\data.ms

(24) TETRAHYDROFURAN (m)

9.164min (+0.016) 0.15PPBV m

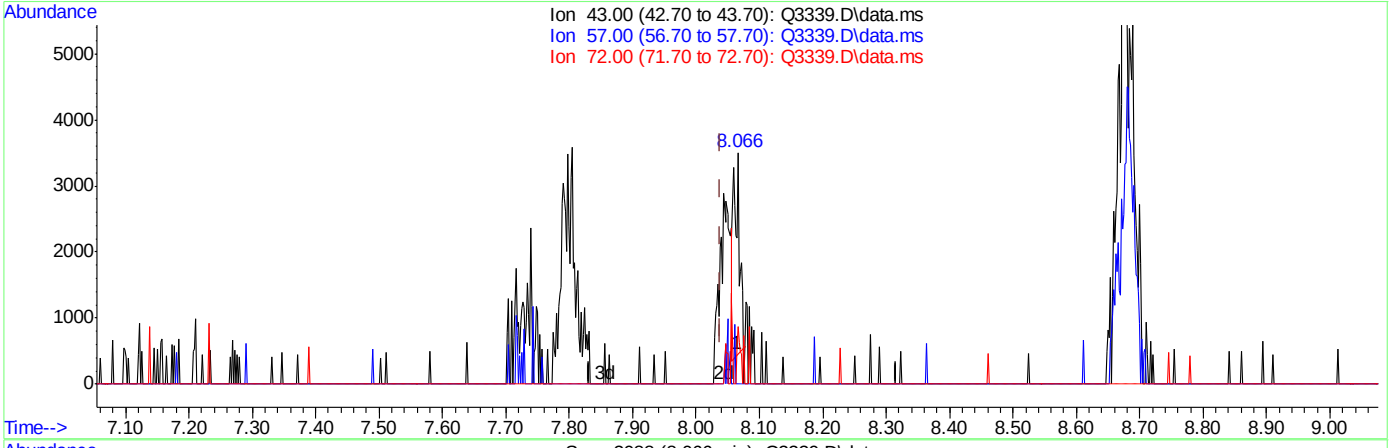
response 1835

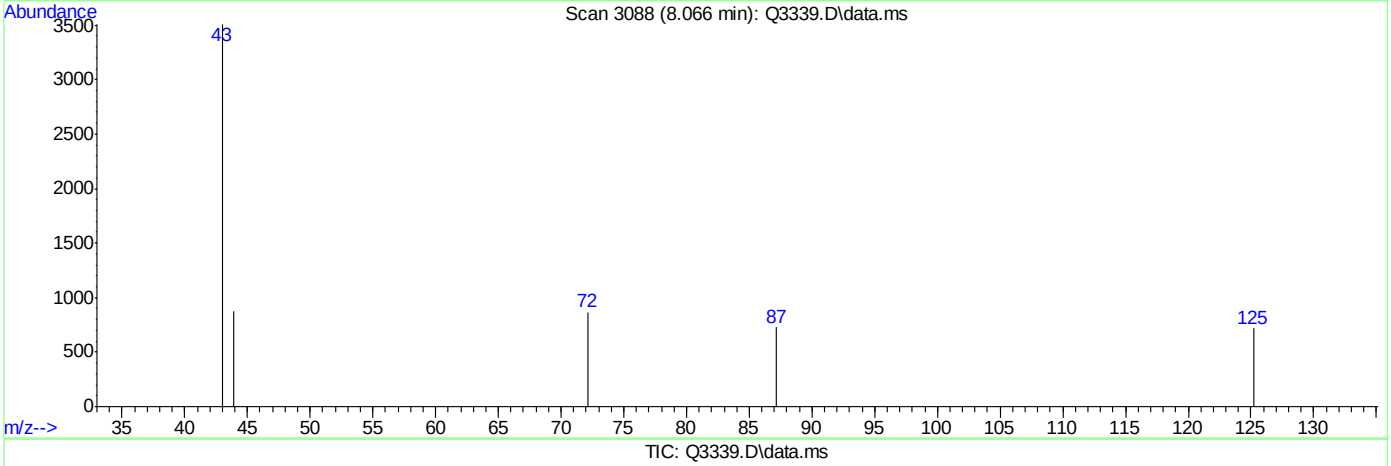
Ion	Exp%	Act%
42.00	100	100
72.00	42.70	8.56#
71.00	41.90	11.77#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3339.D
Acq On : 4 May 2007 2:01 pm
Operator : PhilipB
Sample : IC180-.2 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 14:23:50 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 13:28:38 2007
Response via : Initial Calibration





TIC: Q3339.D\data.ms

(28) METHYL ETHYL KETONE (m)

8.066min (+0.027) 0.07PPBV

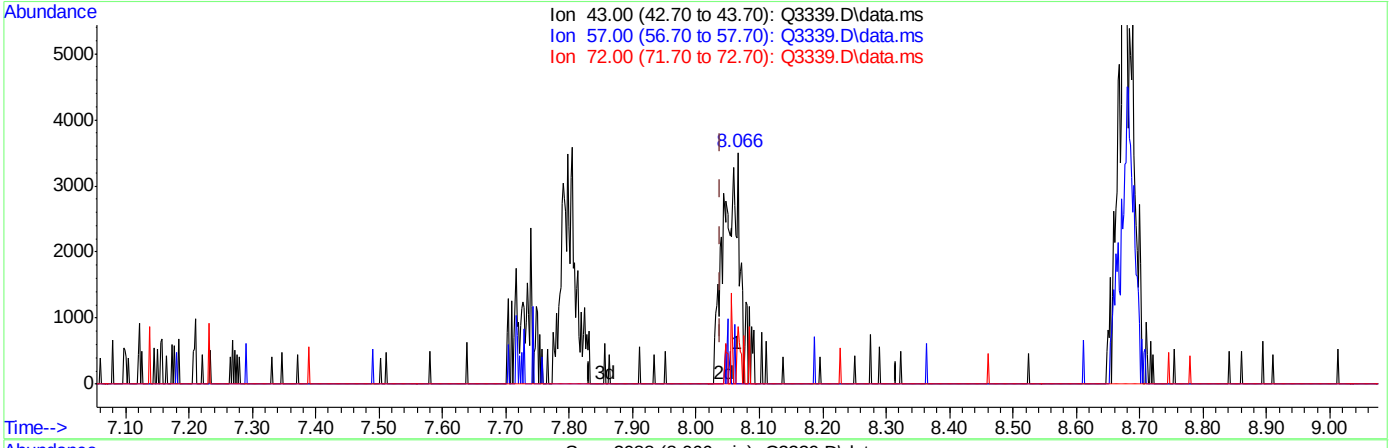
response 1884

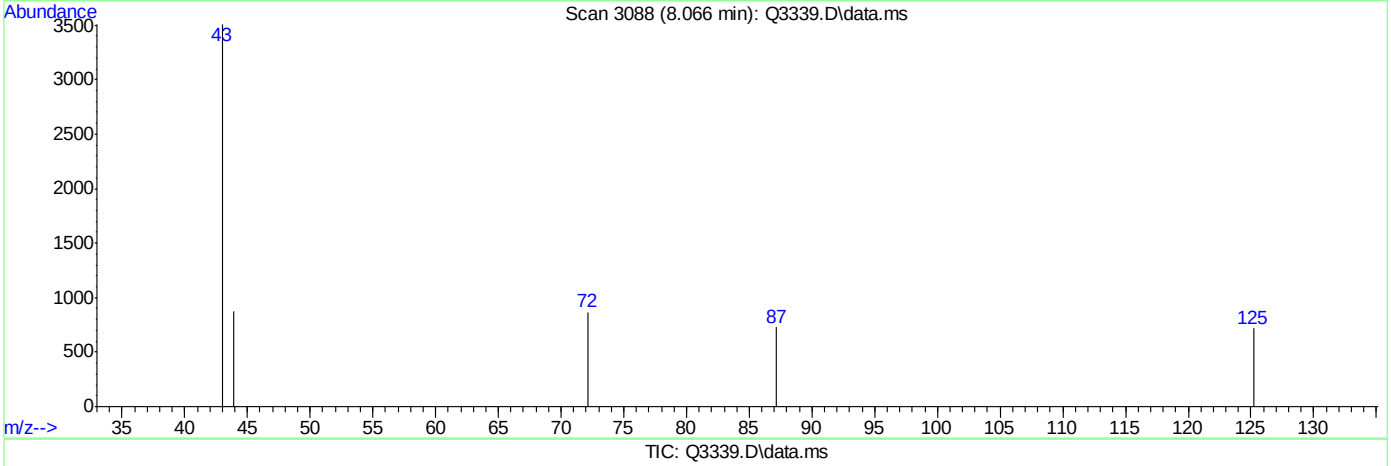
Ion	Exp%	Act%
43.00	100	100
57.00	6.80	0.00
72.00	20.50	24.73
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3339.D
Acq On : 4 May 2007 2:01 pm
Operator : PhilipB
Sample : IC180-.2 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 14:23:50 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 13:28:38 2007
Response via : Initial Calibration





TIC: Q3339.D\data.ms

(28) METHYL ETHYL KETONE (m)

8.066min (+0.027) 0.24PPBV m

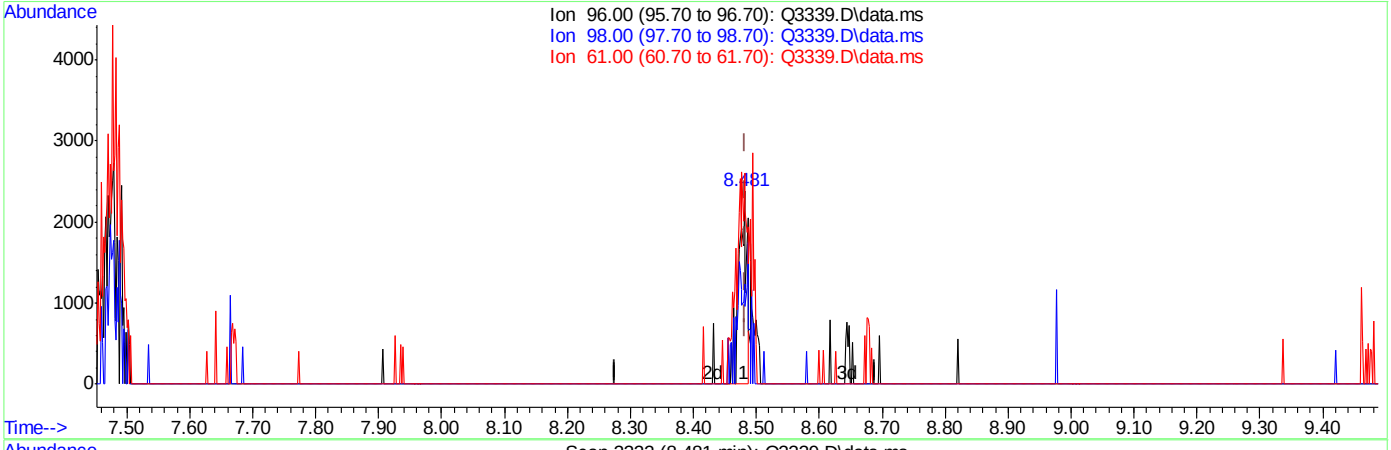
response 6170

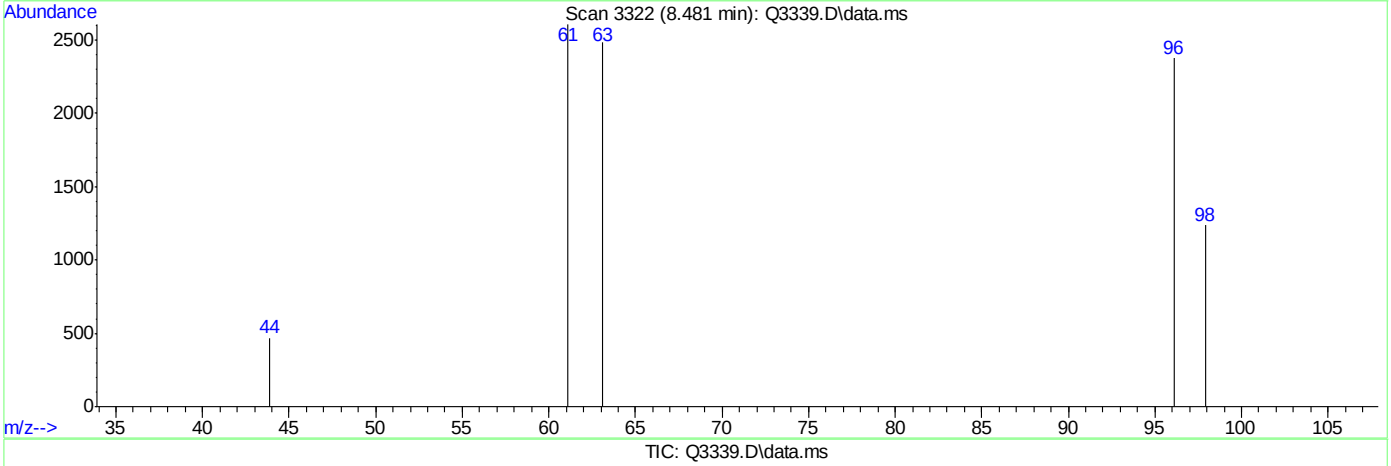
Ion	Exp%	Act%
43.00	100	100
57.00	6.80	0.00
72.00	20.50	24.73
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3339.D
Acq On : 4 May 2007 2:01 pm
Operator : PhilipB
Sample : IC180-.2 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 14:23:50 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 13:28:38 2007
Response via : Initial Calibration





TIC: Q3339.D\data.ms

(29) cis-1,2-DICHLOROETHYLENE (m)

8.481min (-0.002) 0.18PPBV

response 2212

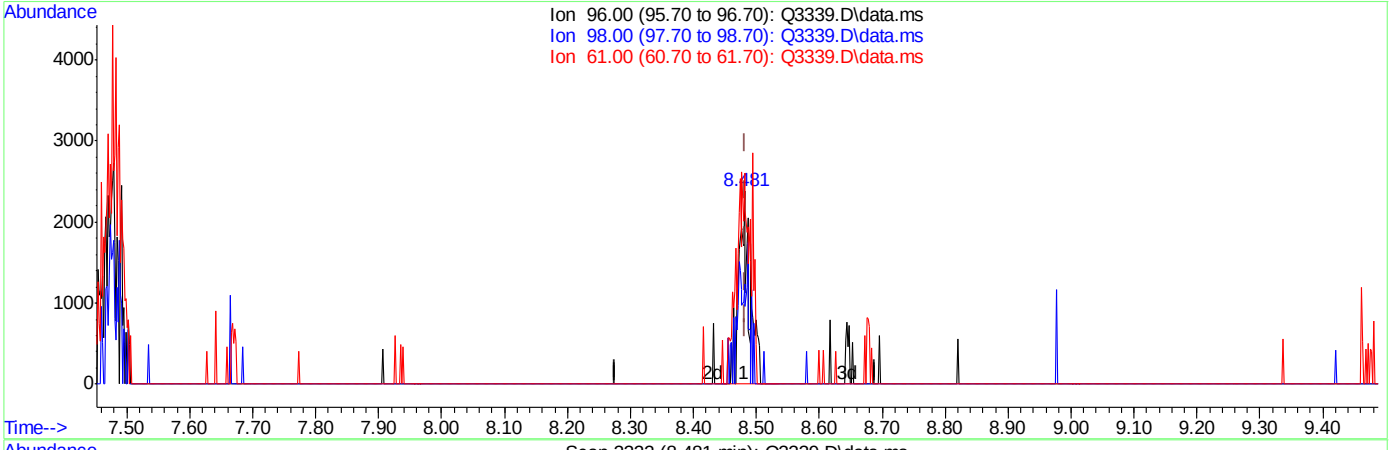
Ion	Exp%	Act%
96.00	100	100
98.00	64.10	0.00#
61.00	148.70	147.83
0.00	0.00	0.00

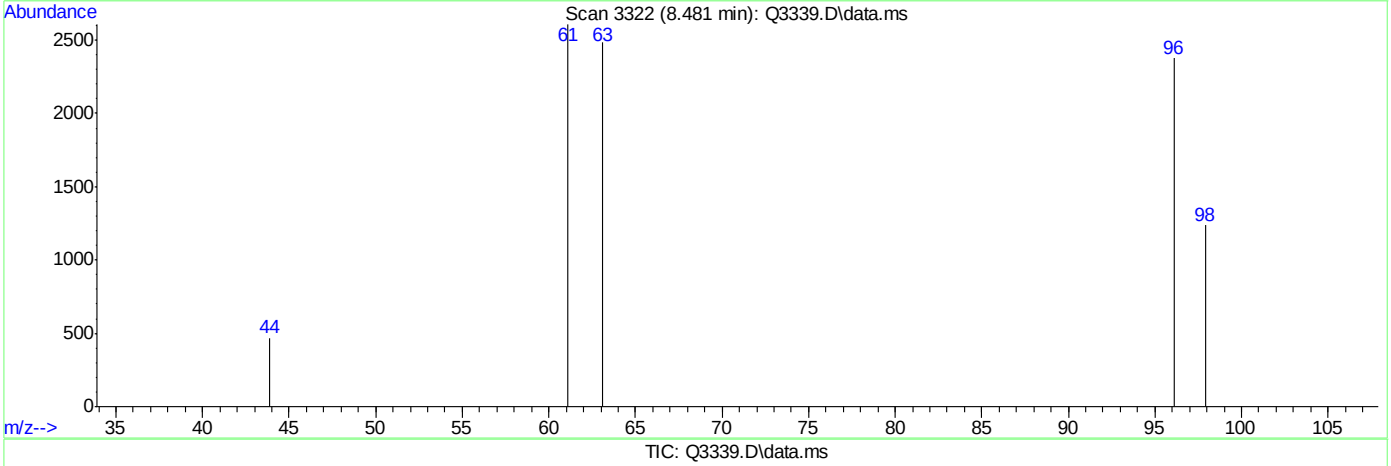
ACCUTEST Laboratories M64901

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3339.D
Acq On : 4 May 2007 2:01 pm
Operator : PhilipB
Sample : IC180-.2 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 14:23:50 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 13:28:38 2007
Response via : Initial Calibration





TIC: Q3339.D\data.ms

(29) cis-1,2-DICHLOROETHYLENE (m)

8.481min (-0.002) 0.24PPBV m

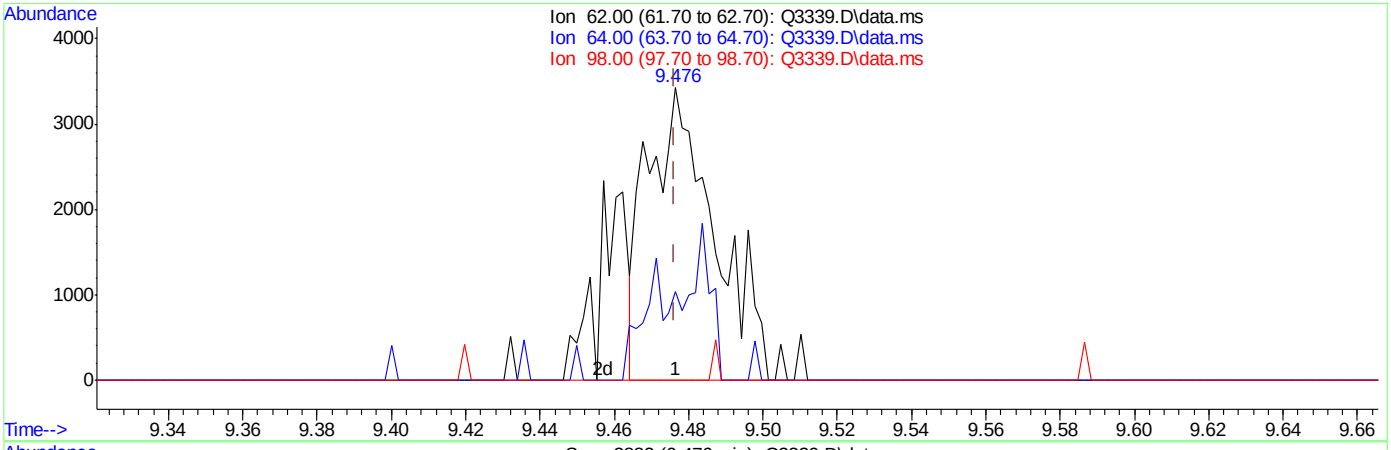
response 3033

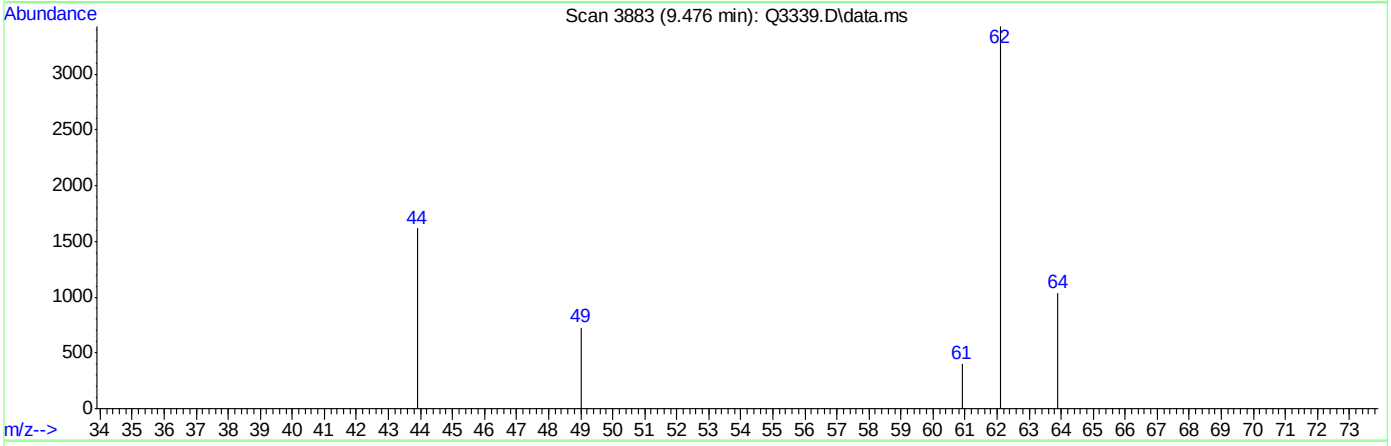
Ion	Exp%	Act%
96.00	100	100
98.00	64.10	0.00#
61.00	148.70	107.81#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3339.D
Acq On : 4 May 2007 2:01 pm
Operator : PhilipB
Sample : IC180-.2 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 14:23:50 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 13:28:38 2007
Response via : Initial Calibration





TIC: Q3339.D\data.ms

(34) 1,2-DICHLOROETHANE (m)

9.476min (+0.000) 0.20PPBV

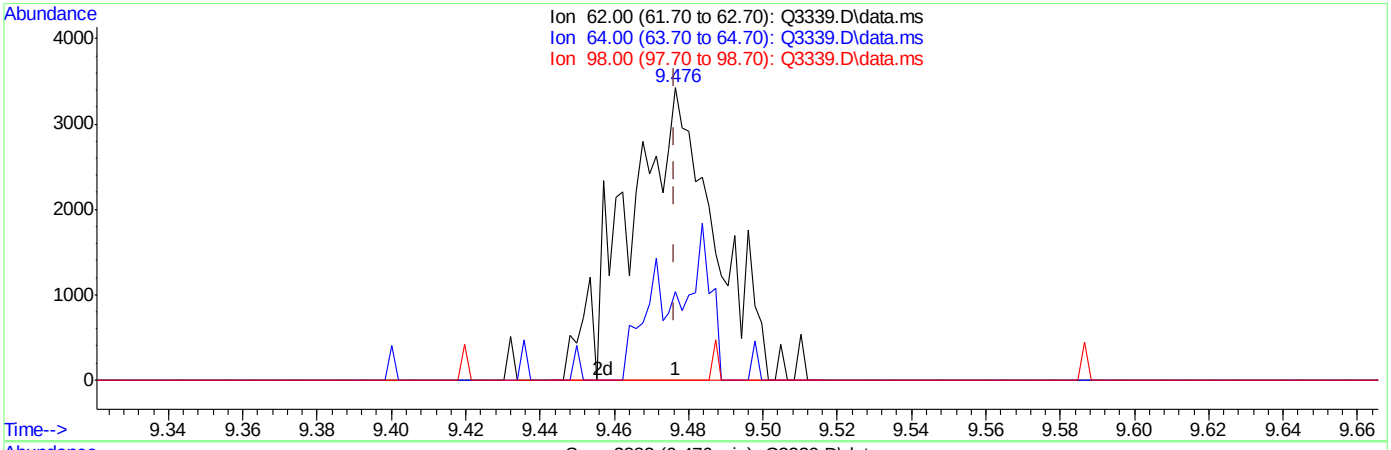
response 4329

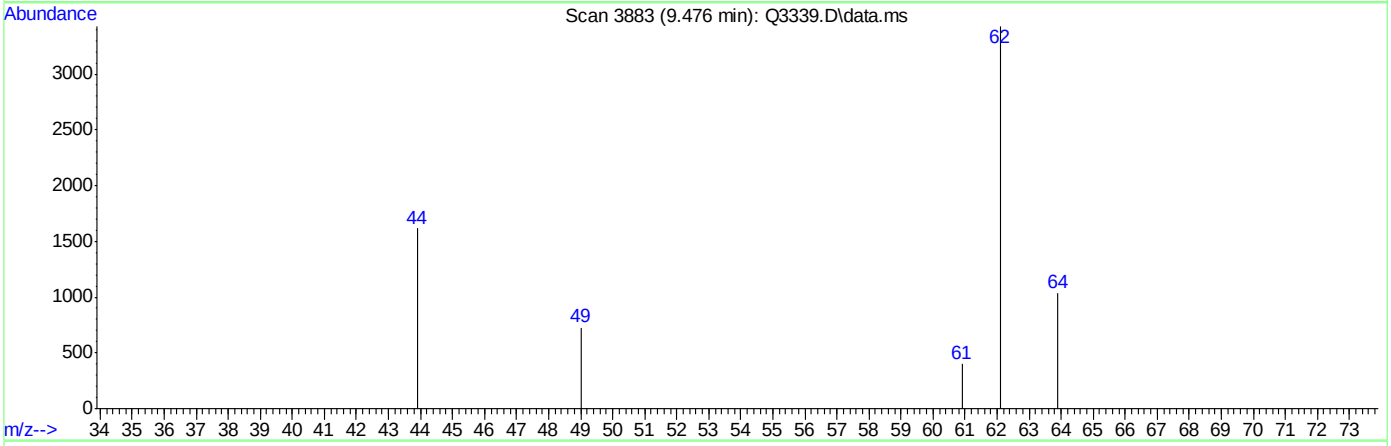
Ion	Exp%	Act%
62.00	100	100
64.00	31.80	33.17
98.00	5.80	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3339.D
Acq On : 4 May 2007 2:01 pm
Operator : PhilipB
Sample : IC180-.2 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 14:23:50 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 13:28:38 2007
Response via : Initial Calibration





TIC: Q3339.D\data.ms

(34) 1,2-DICHLOROETHANE (m)

9.476min (+0.000) 0.26PPBV m

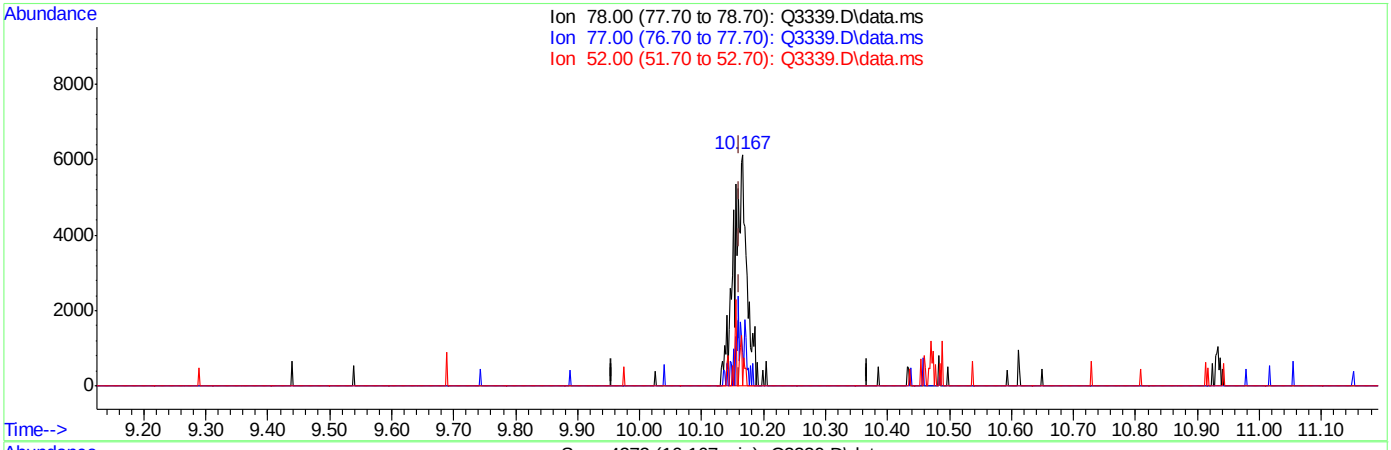
response 5667

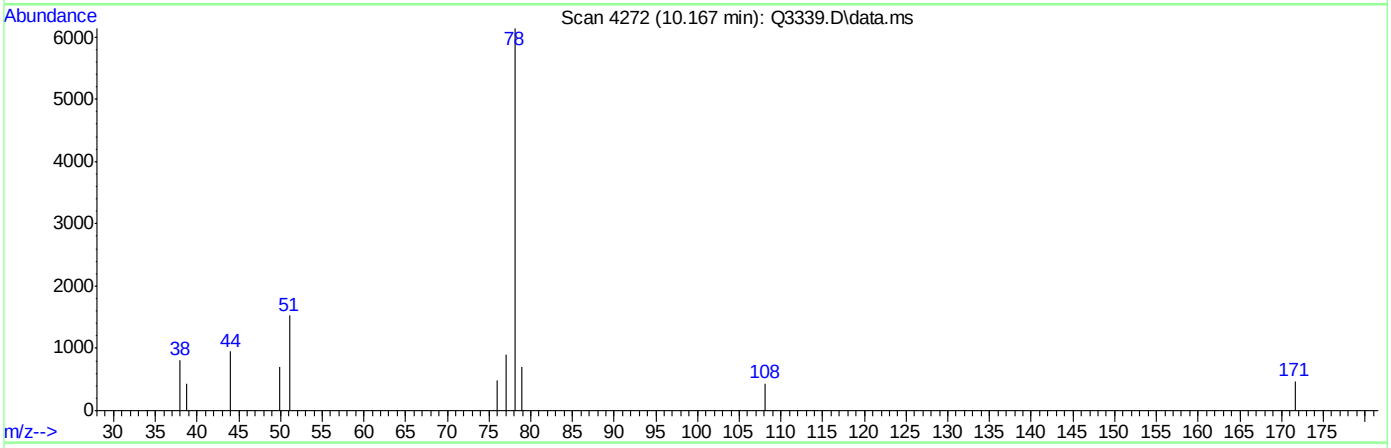
Ion	Exp%	Act%
62.00	100	100
64.00	31.80	25.34
98.00	5.80	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3339.D
Acq On : 4 May 2007 2:01 pm
Operator : PhilipB
Sample : IC180-.2 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 14:23:50 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 13:28:38 2007
Response via : Initial Calibration





TIC: Q3339.D\data.ms

(36) BENZENE (m)

10.167min (+0.005) 0.28PPBV

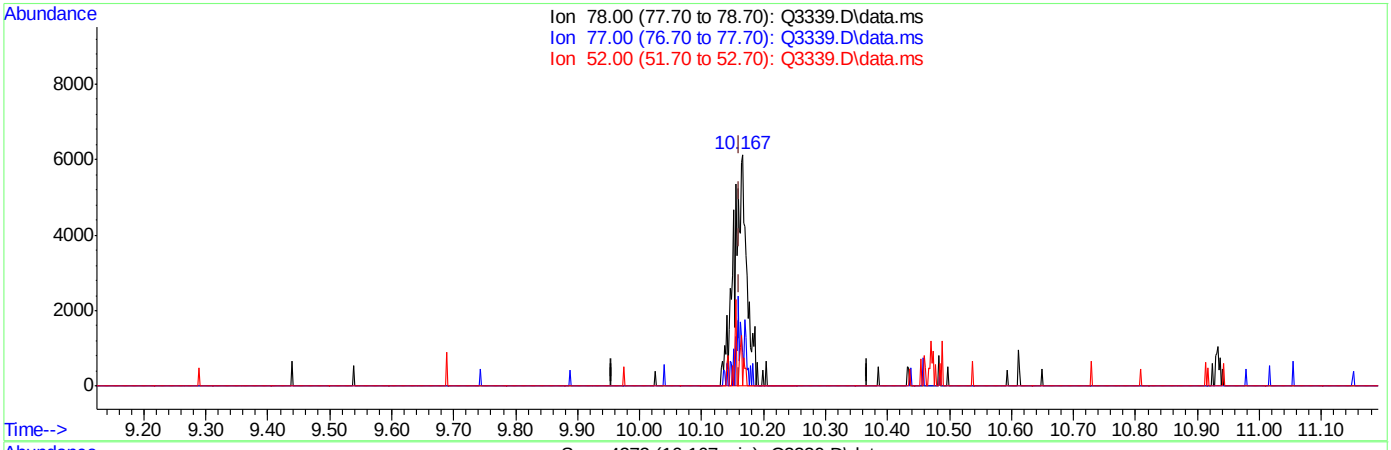
response 9070

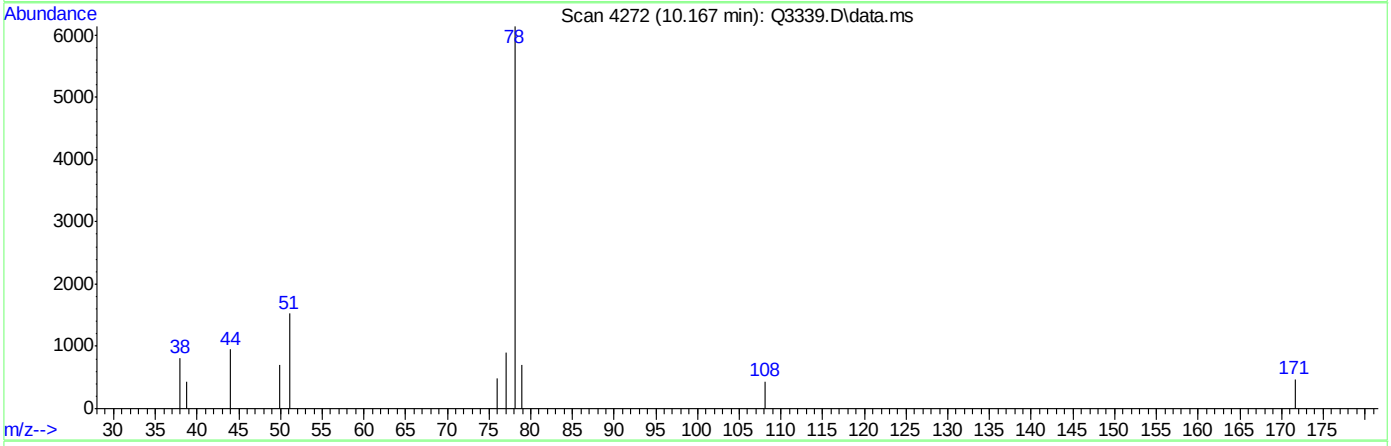
Ion	Exp%	Act%
78.00	100	100
77.00	23.30	0.00#
52.00	17.20	5.53
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3339.D
Acq On : 4 May 2007 2:01 pm
Operator : PhilipB
Sample : IC180-.2 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 14:23:50 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 13:28:38 2007
Response via : Initial Calibration





TIC: Q3339.D\data.ms

(36) BENZENE (m)

10.167min (+0.005) 0.29PPBV m

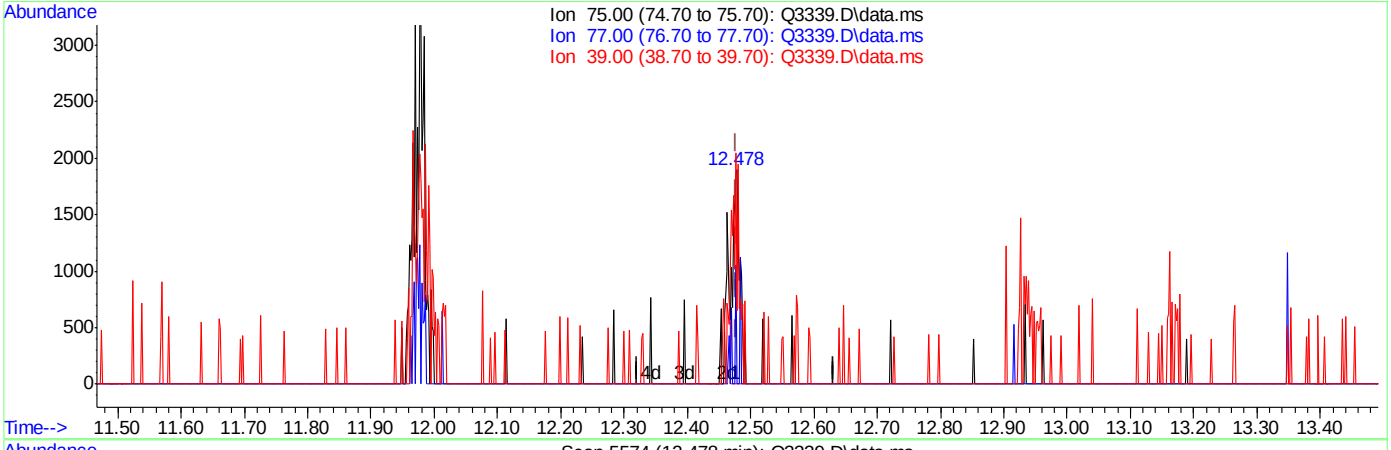
response 9184

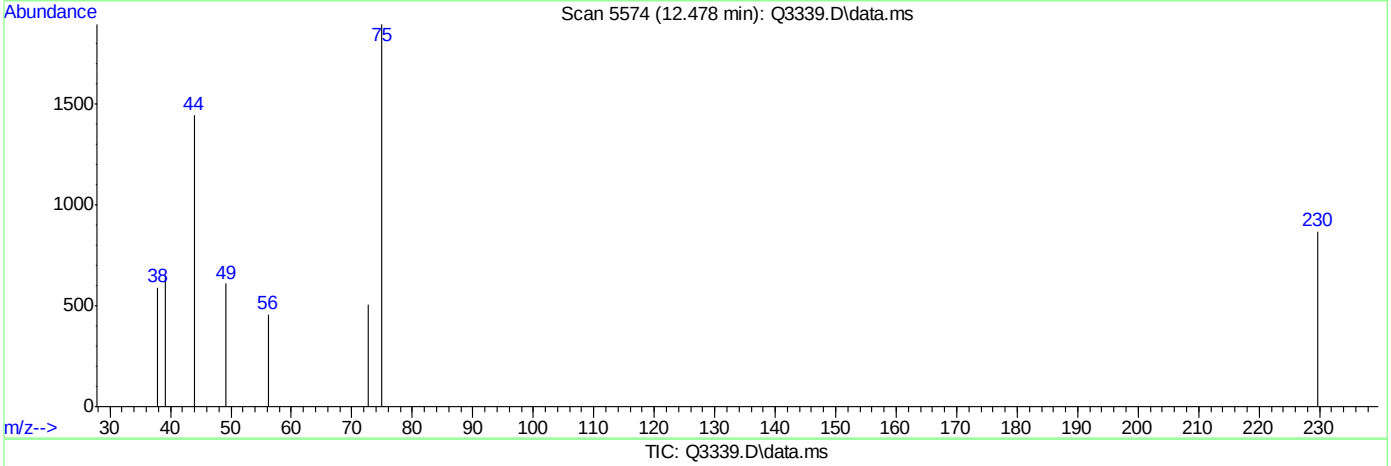
Ion	Exp%	Act%
78.00	100	100
77.00	23.30	0.00#
52.00	17.20	5.47
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3339.D
Acq On : 4 May 2007 2:01 pm
Operator : PhilipB
Sample : IC180-.2 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 14:23:50 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 13:28:38 2007
Response via : Initial Calibration





TIC: Q3339.D\data.ms

(47) trans-1,3-DICHLOROPROPENE (m)

12.478min (+0.000) 0.11PPBV

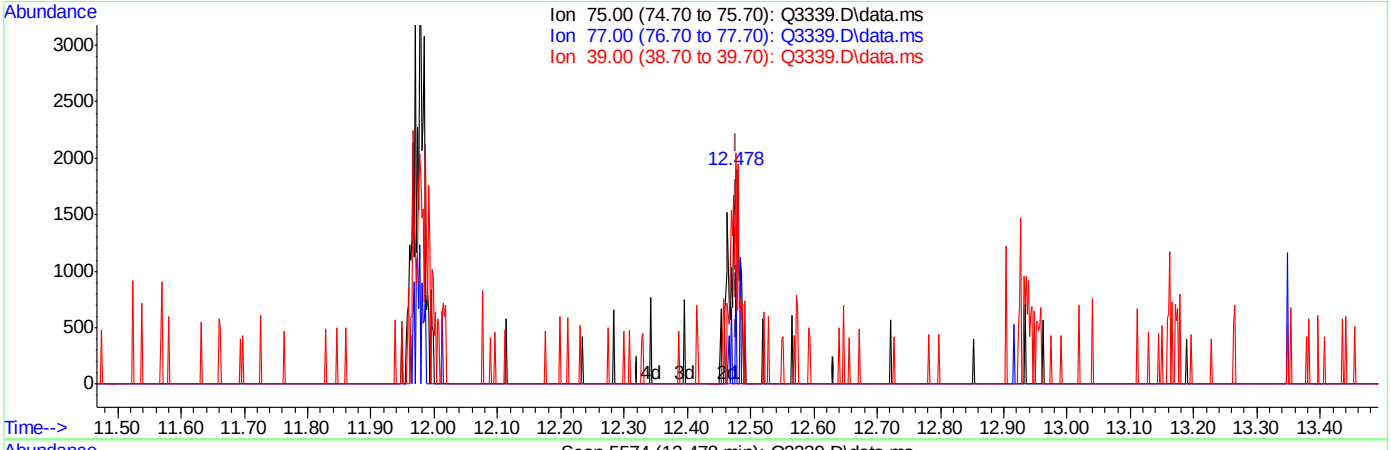
response 1457

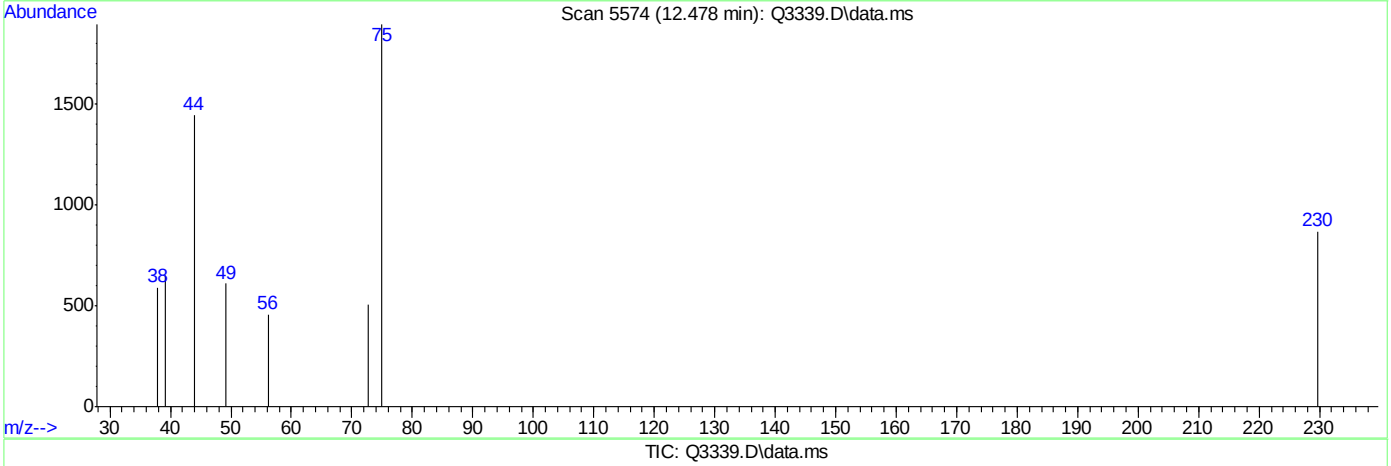
Ion	Exp%	Act%
75.00	100	100
77.00	30.80	0.00#
39.00	53.10	128.41#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3339.D
Acq On : 4 May 2007 2:01 pm
Operator : PhilipB
Sample : IC180-.2 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 14:23:50 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 13:28:38 2007
Response via : Initial Calibration





TIC: Q3339.D\data.ms

(47) trans-1,3-DICHLOROPROPENE (m)

12.478min (+0.000) 0.16PPBV m

response 2089

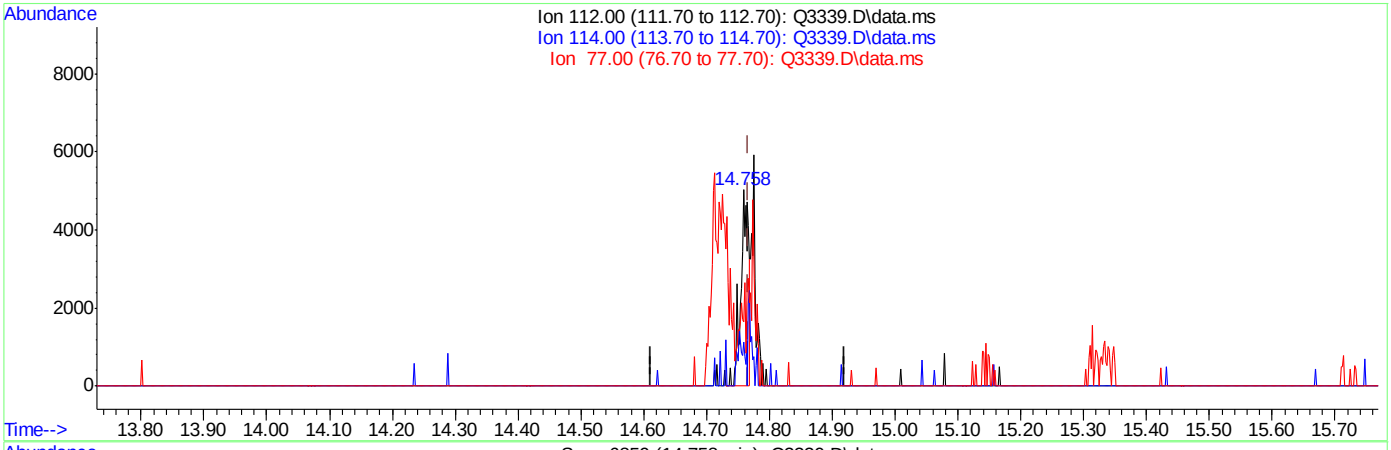
Ion	Exp%	Act%
75.00	100	100
77.00	30.80	0.00#
39.00	53.10	89.56#
0.00	0.00	0.00

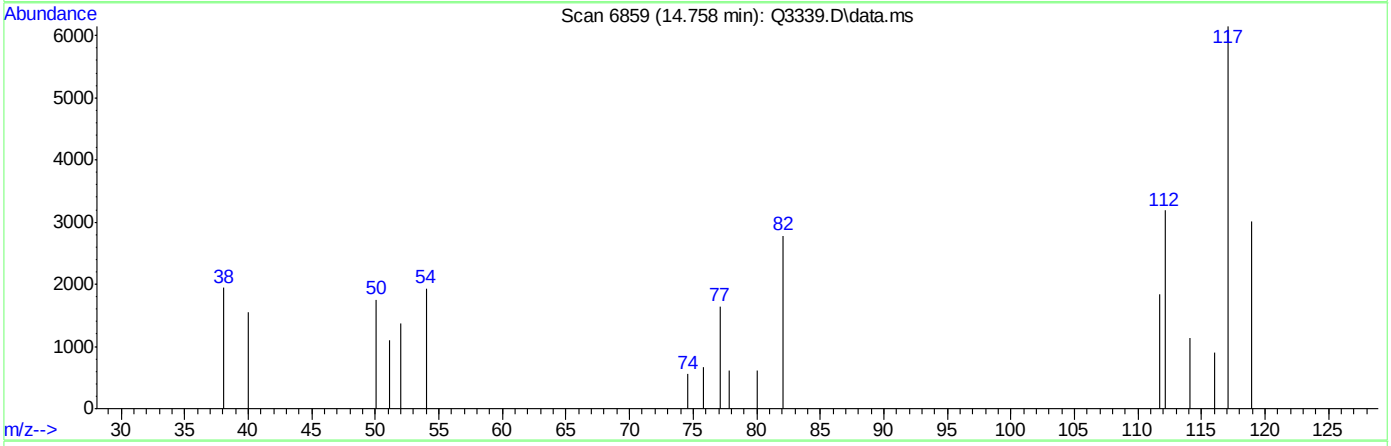
ACCUTEST Laboratories M64901

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3339.D
Acq On    :  4 May 2007   2:01 pm
Operator  : PhilipB
Sample    : IC180-.2 (M057)
Misc      : MS13469,MSQ180,,,,,1
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: May 04 14:23:50 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 13:28:38 2007
Response via : Initial Calibration
```



TIC: Q3339.D\data.ms

(54) CHLOROBENZENE (m)

14.758min (-0.009) 0.16PPBV

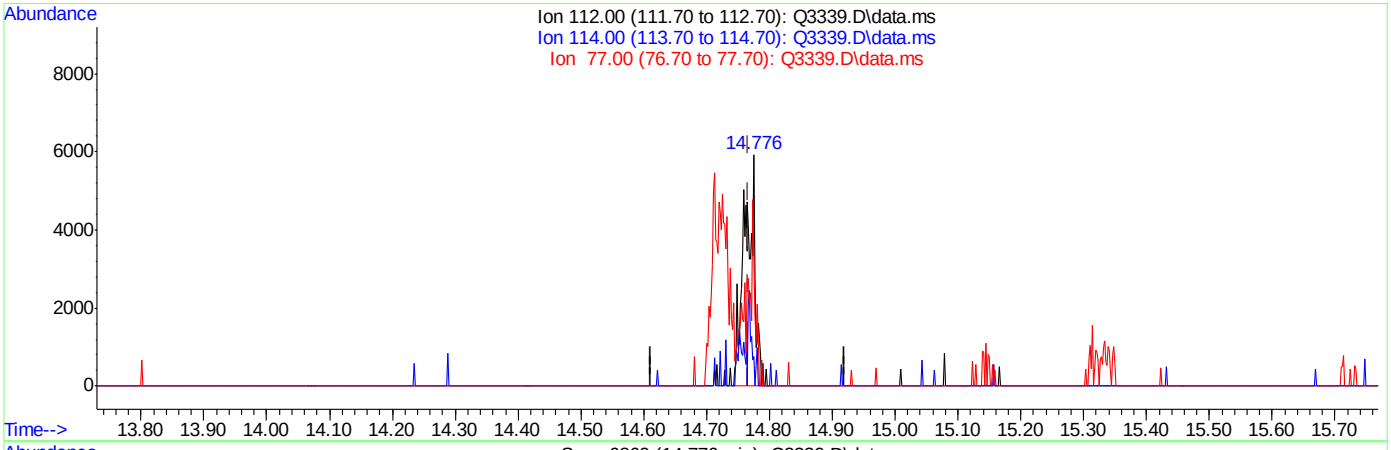
response 4614

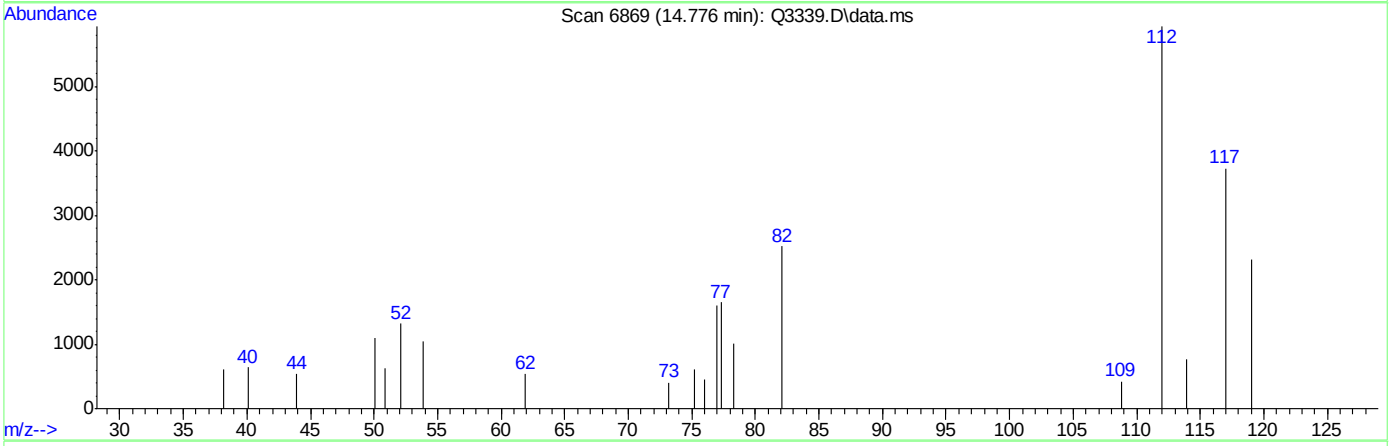
Ion	Exp%	Act%
112.00	100	100
114.00	31.40	23.60
77.00	61.50	21.02#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3339.D
Acq On : 4 May 2007 2:01 pm
Operator : PhilipB
Sample : IC180-.2 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 14:23:50 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 13:28:38 2007
Response via : Initial Calibration





TIC: Q3339.D\data.ms

(54) CHLOROBENZENE (m)

14.776min (+0.009) 0.25PPBV m

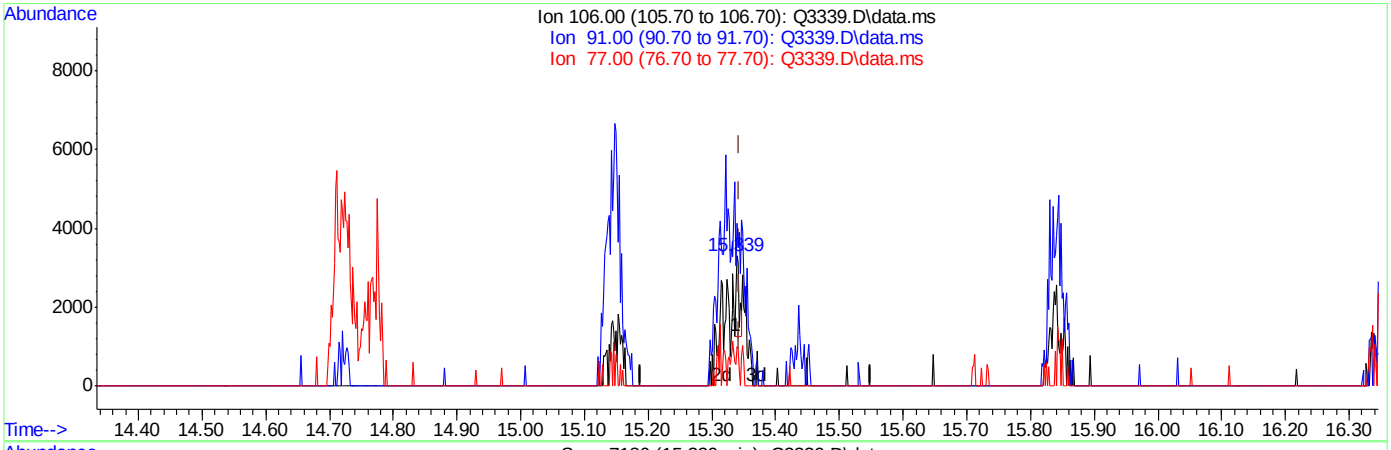
response 7323

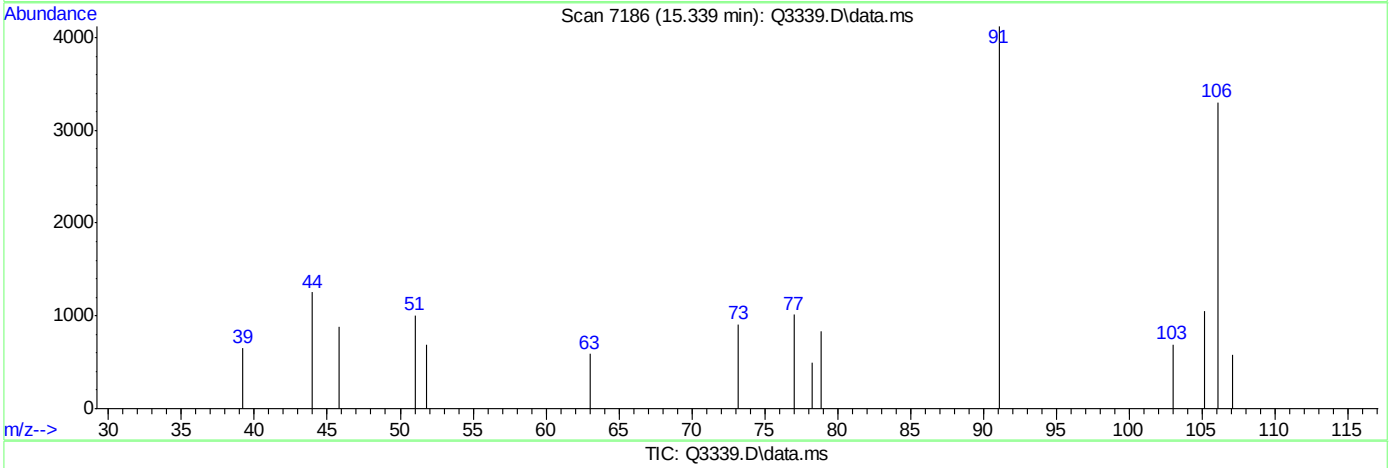
Ion	Exp%	Act%
112.00	100	100
114.00	31.40	14.87
77.00	61.50	13.25#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3339.D
Acq On : 4 May 2007 2:01 pm
Operator : PhilipB
Sample : IC180-.2 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 14:23:50 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 13:28:38 2007
Response via : Initial Calibration





TIC: Q3339.D\data.ms

(56) m,p-XYLENE (m)

15.339min (-0.005) 0.04PPBV

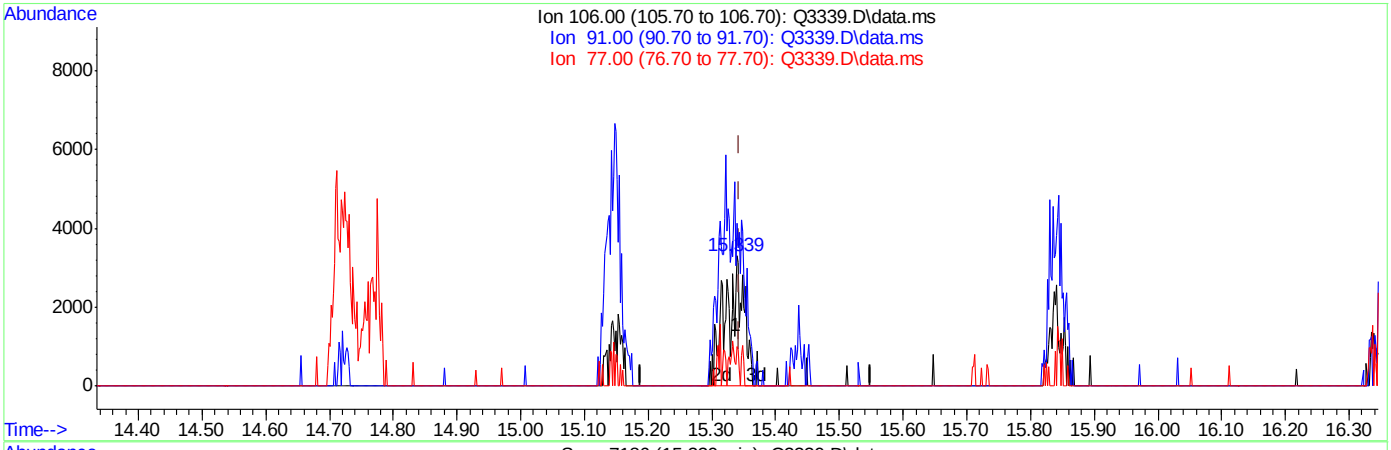
response 716

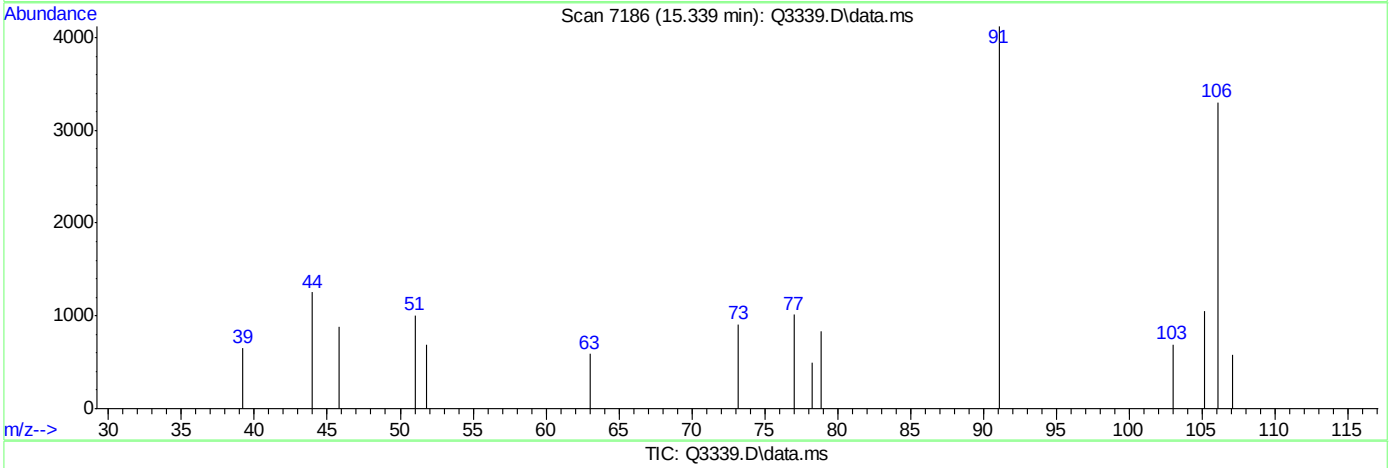
Ion	Exp%	Act%
106.00	100	100
91.00	212.80	124.74#
77.00	31.20	30.70
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3339.D
Acq On : 4 May 2007 2:01 pm
Operator : PhilipB
Sample : IC180-.2 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 14:23:50 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 13:28:38 2007
Response via : Initial Calibration





TIC: Q3339.D\data.ms

(56) m,p-XYLENE (m)

15.339min (-0.005) 0.36PPBV m

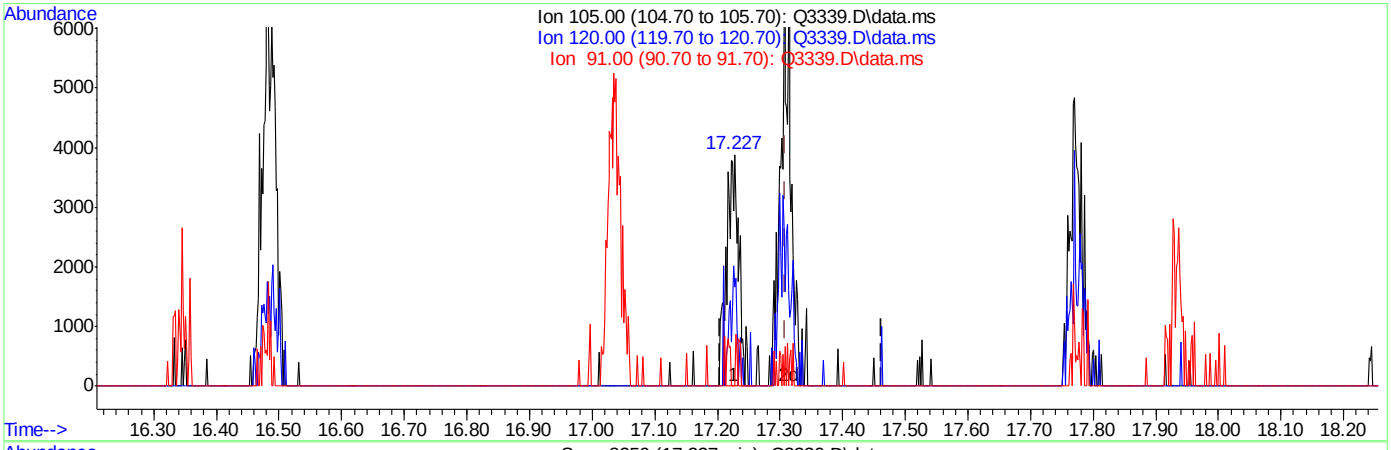
response 6506

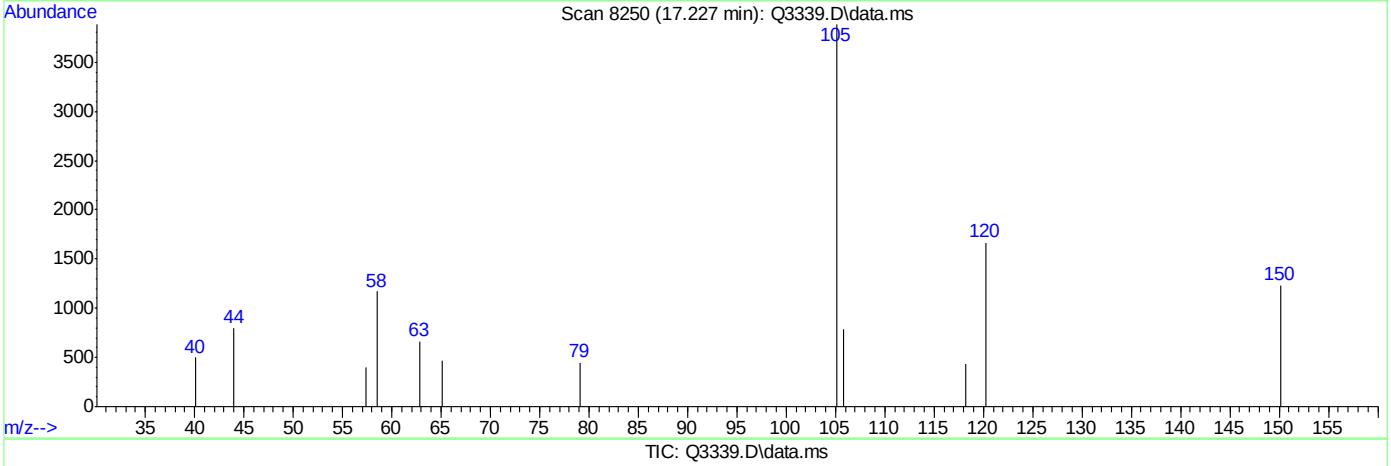
Ion	Exp%	Act%
106.00	100	100
91.00	212.80	124.74#
77.00	31.20	30.70
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3339.D
Acq On : 4 May 2007 2:01 pm
Operator : PhilipB
Sample : IC180-.2 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 14:23:50 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 13:28:38 2007
Response via : Initial Calibration





TIC: Q3339.D\data.ms

(66) 1,3,5-TRIMETHYLBENZENE (m)

17.227min (-0.081) 0.10PPBV

response 4866

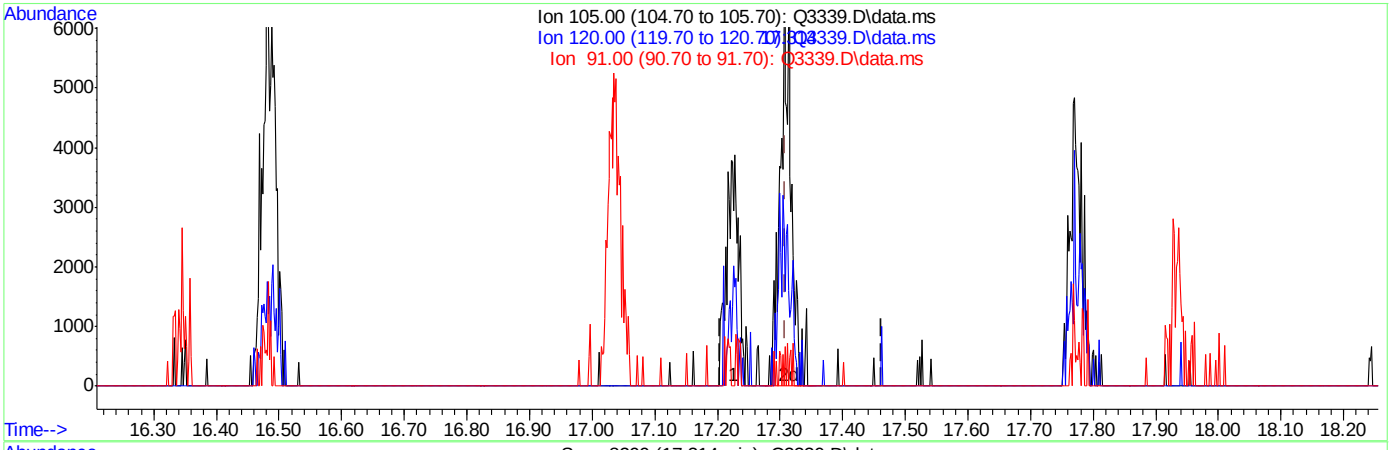
Ion	Exp%	Act%
105.00	100	100
120.00	46.30	27.78
91.00	11.60	6.35
0.00	0.00	0.00

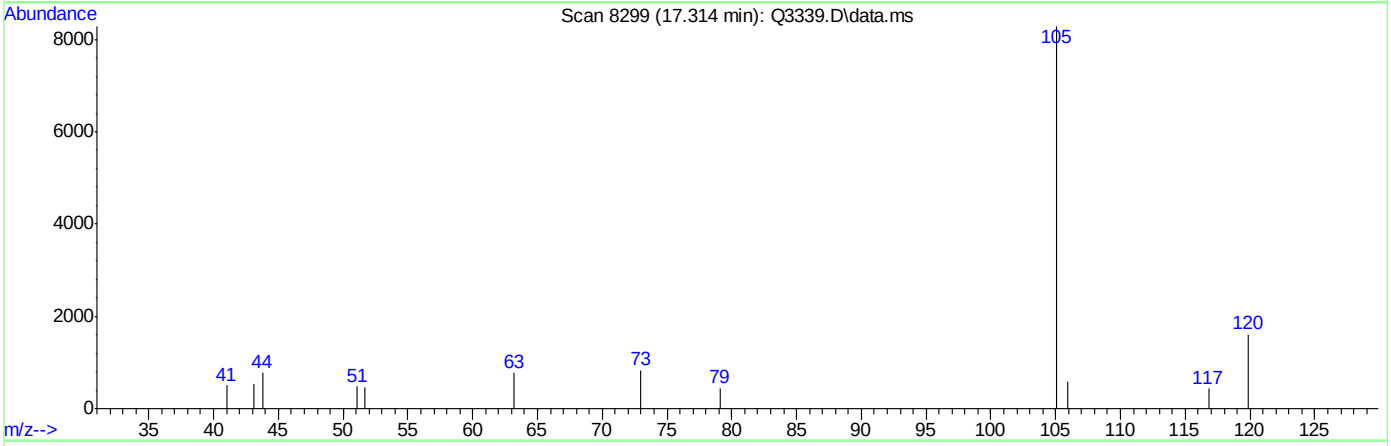
ACCUTEST Laboratories M64901

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3339.D
Acq On : 4 May 2007 2:01 pm
Operator : PhilipB
Sample : IC180-.2 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 14:23:50 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 13:28:38 2007
Response via : Initial Calibration





TIC: Q3339.D\data.ms

(66) 1,3,5-TRIMETHYLBENZENE (m)

17.314min (+0.005) 0.17PPBV m

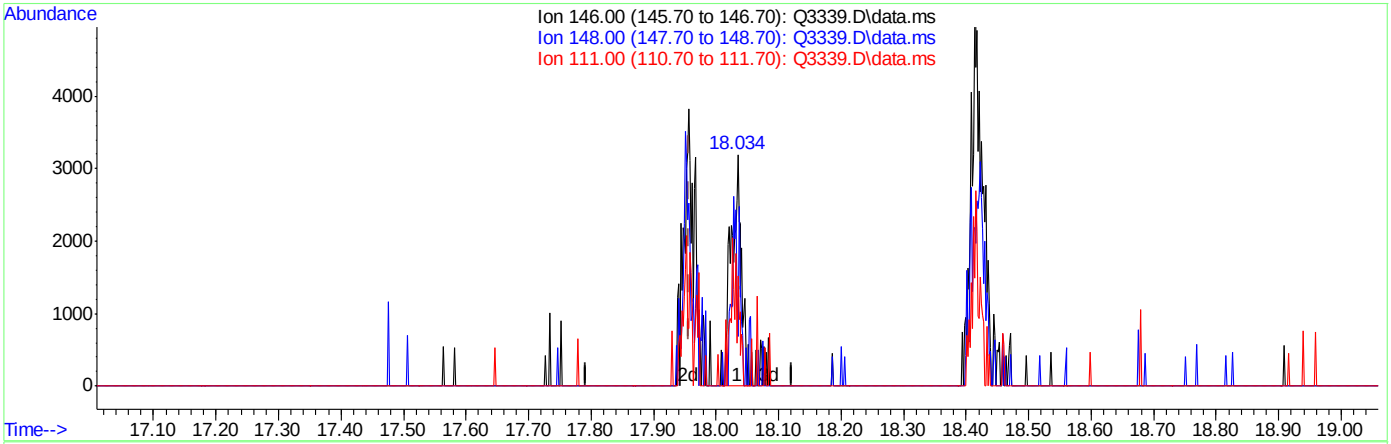
response 8057

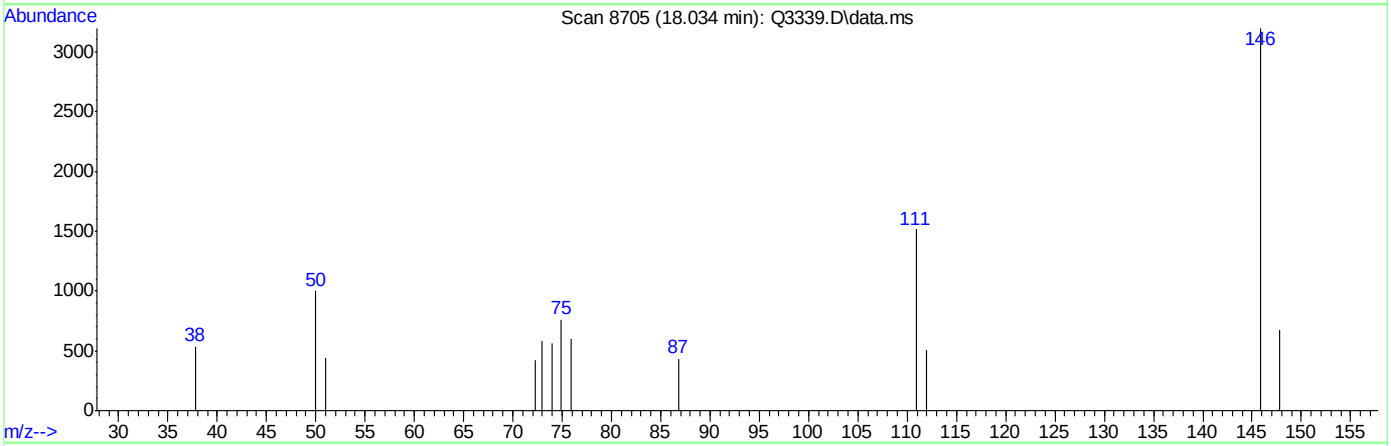
Ion	Exp%	Act%
105.00	100	100
120.00	46.30	16.78#
91.00	11.60	3.84
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3339.D
Acq On : 4 May 2007 2:01 pm
Operator : PhilipB
Sample : IC180-.2 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 14:23:50 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 13:28:38 2007
Response via : Initial Calibration





TIC: Q3339.D\data.ms

(68) m-DICHLOROBENZENE (m)

18.034min (+0.076) 0.15PPBV

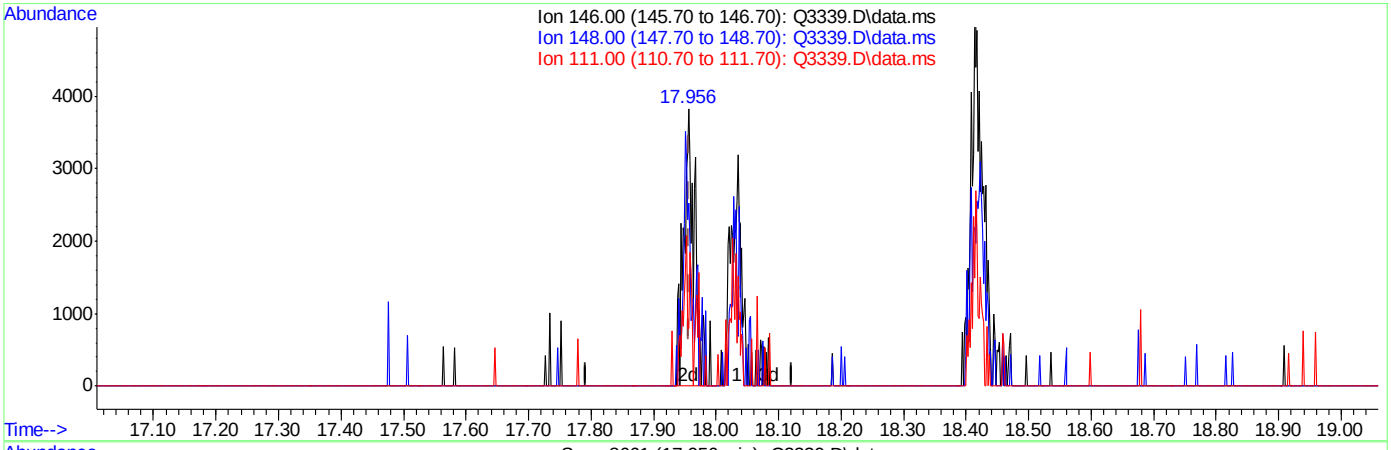
response 3791

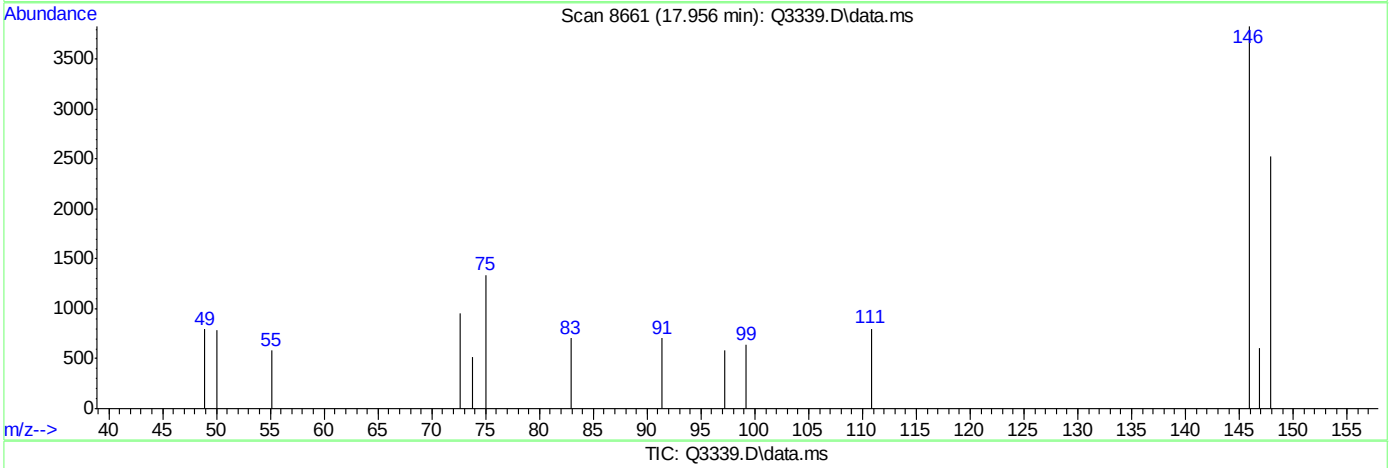
Ion	Exp%	Act%
146.00	100	100
148.00	63.80	60.09
111.00	40.20	45.50
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3339.D
Acq On : 4 May 2007 2:01 pm
Operator : PhilipB
Sample : IC180-.2 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 14:23:50 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 13:28:38 2007
Response via : Initial Calibration





TIC: Q3339.D\data.ms

(68) m-DICHLOROBENZENE (m)

17.956min (-0.002) 0.18PPBV m

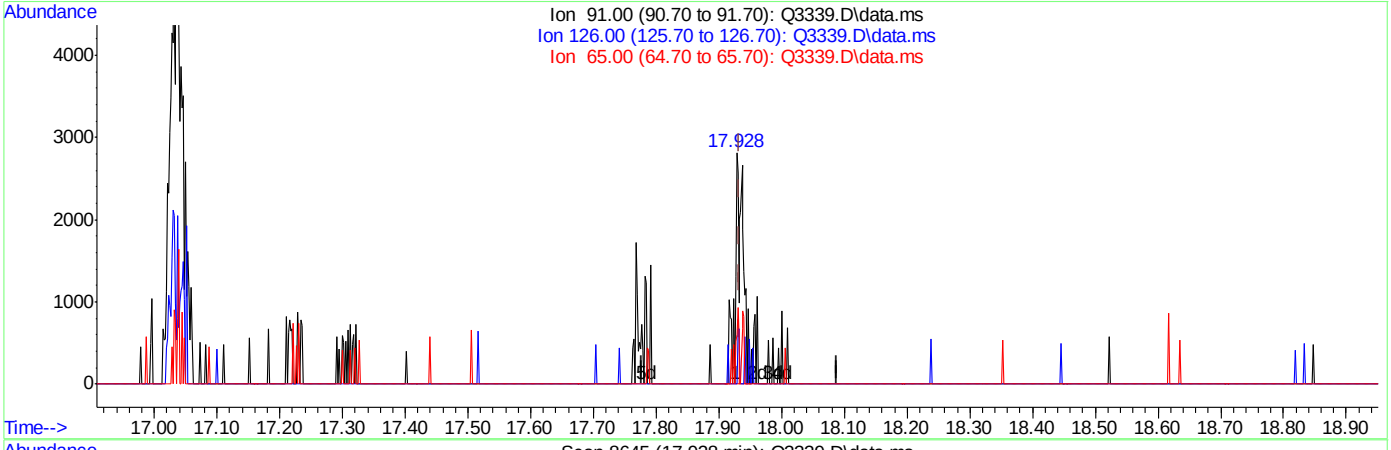
response 4726

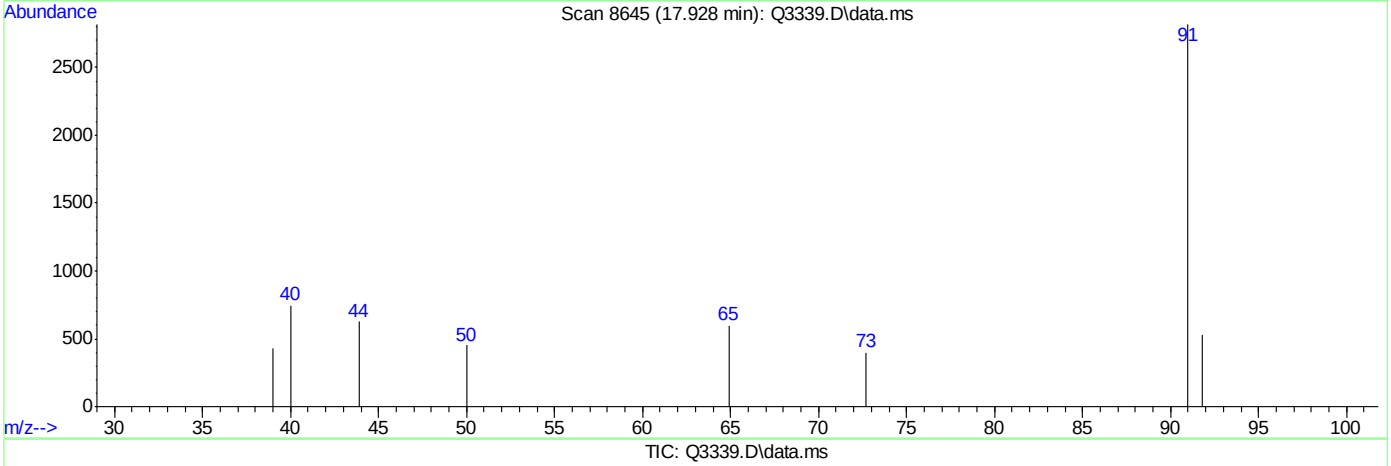
Ion	Exp%	Act%
146.00	100	100
148.00	63.80	48.20
111.00	40.20	36.50
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3339.D
Acq On : 4 May 2007 2:01 pm
Operator : PhilipB
Sample : IC180-.2 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 14:23:50 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 13:28:38 2007
Response via : Initial Calibration





TIC: Q3339.D\data.ms

(69) BENZYL CHLORIDE (m)

17.928min (-0.005) 0.11PPBV

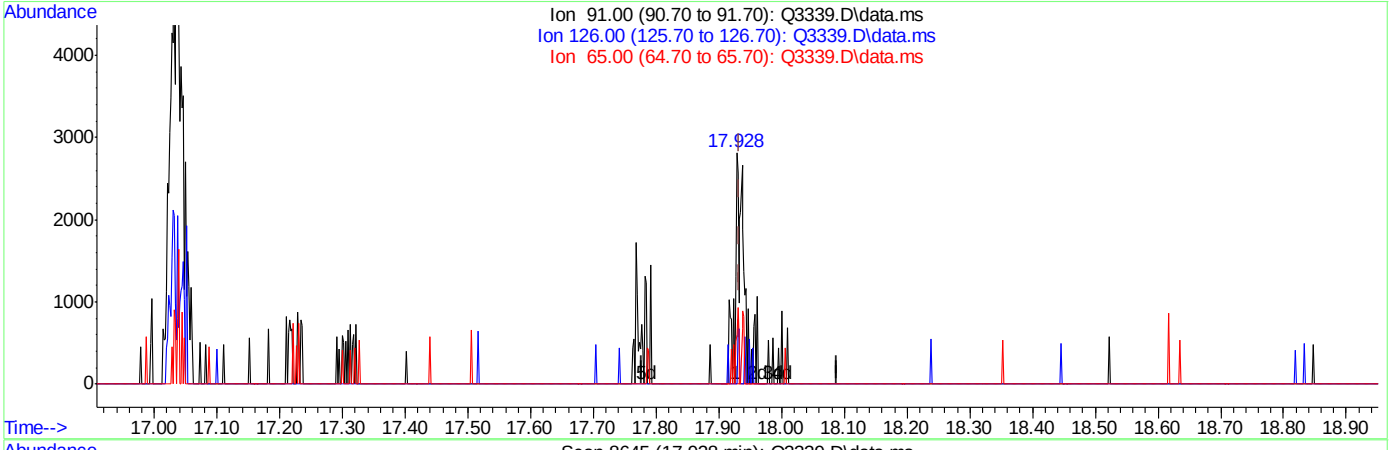
response 2613

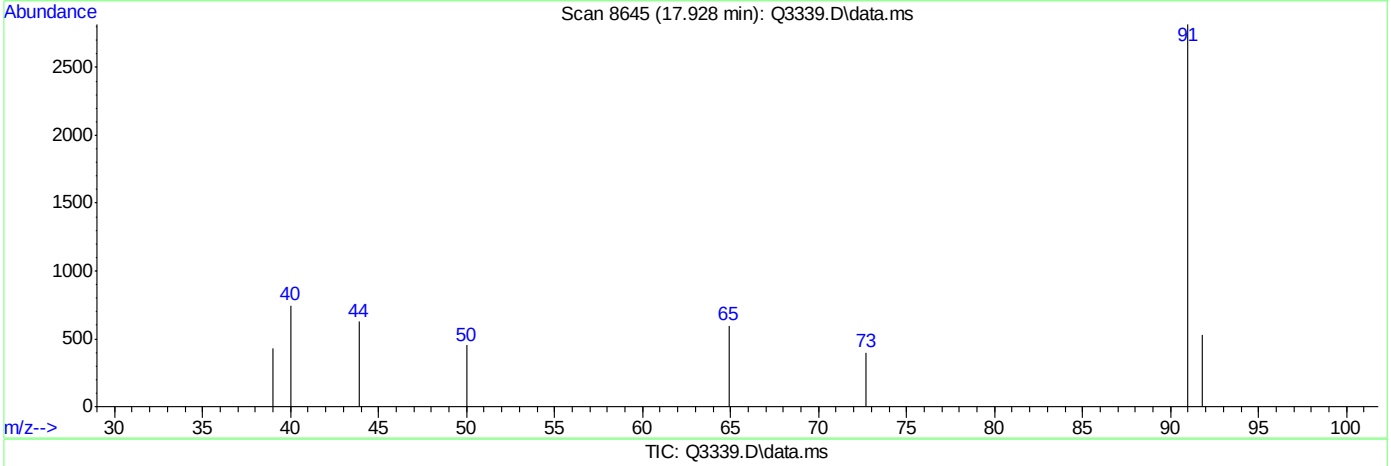
Ion	Exp%	Act%
91.00	100	100
126.00	18.20	7.23
65.00	12.60	14.08
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3339.D
Acq On : 4 May 2007 2:01 pm
Operator : PhilipB
Sample : IC180-.2 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 14:23:50 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 13:28:38 2007
Response via : Initial Calibration





TIC: Q3339.D\data.ms

(69) BENZYL CHLORIDE (m)

17.928min (-0.005) 0.13PPBV m

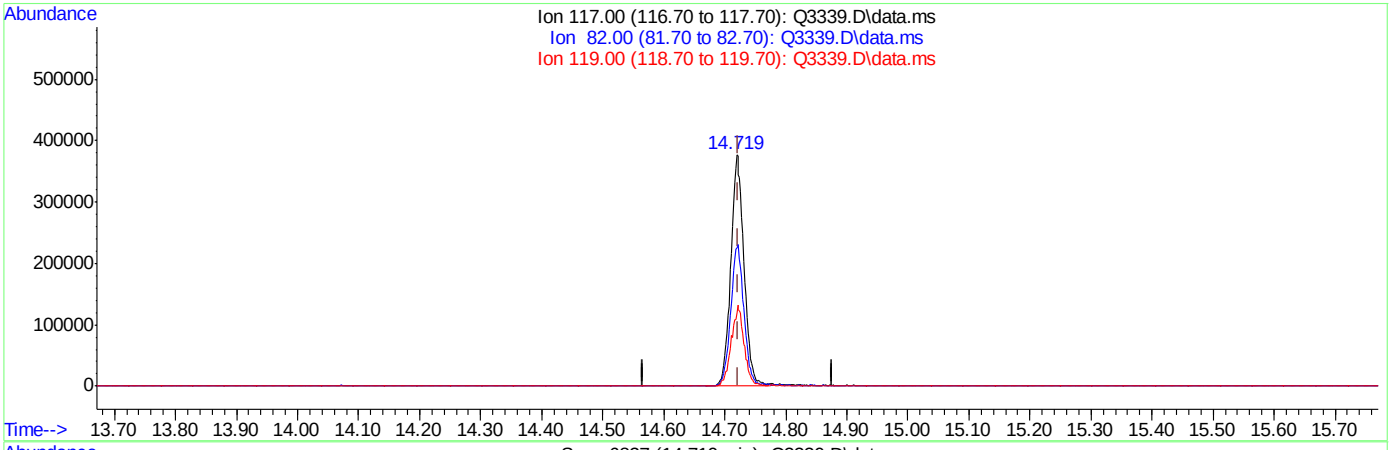
response 2937

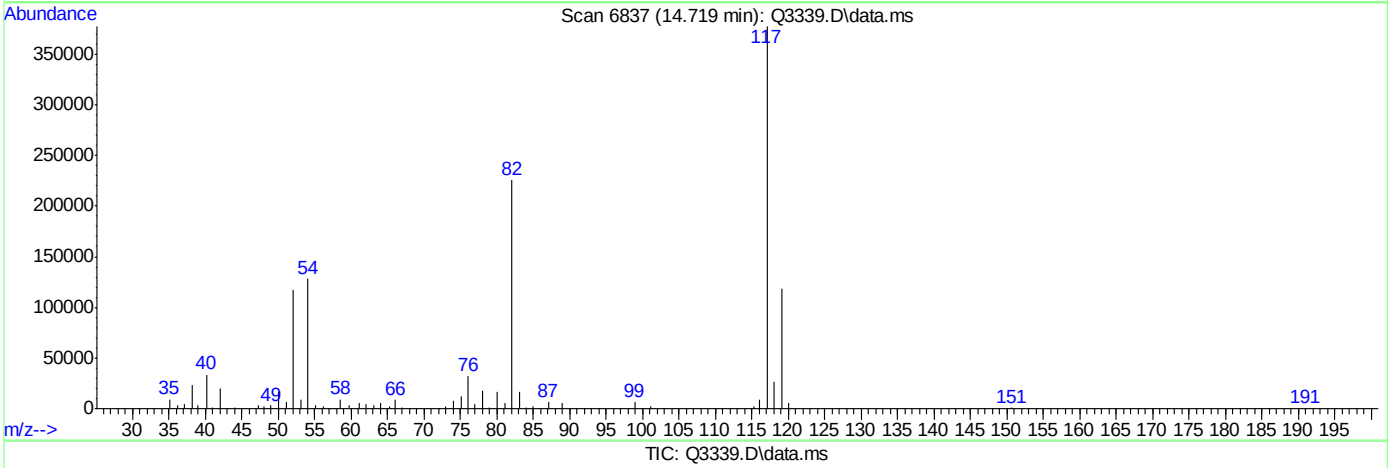
Ion	Exp%	Act%
91.00	100	100
126.00	18.20	6.44
65.00	12.60	12.53
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3339.D
Acq On    :  4 May 2007   2:01 pm
Operator  : PhilipB
Sample    : IC180-.2 (M057)
Misc      : MS13469,MSQ180,,,,,1
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: May 04 14:28:44 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 13:28:38 2007
Response via : Initial Calibration
```



(49) CHLOROBENZENE-D5 (I)

14.719min (-0.003) 10.00PPBV

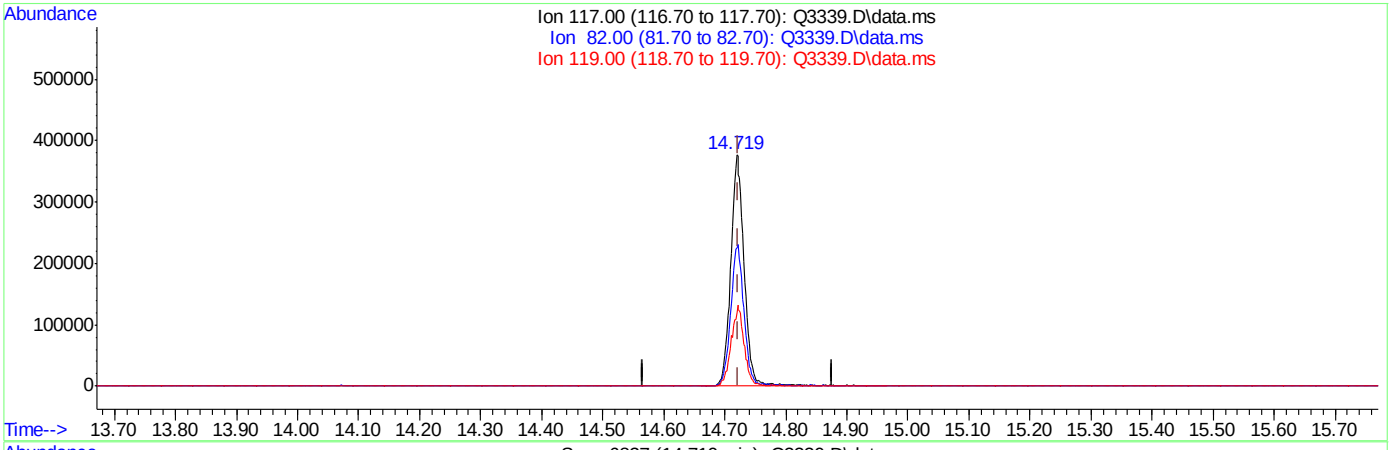
response 583741

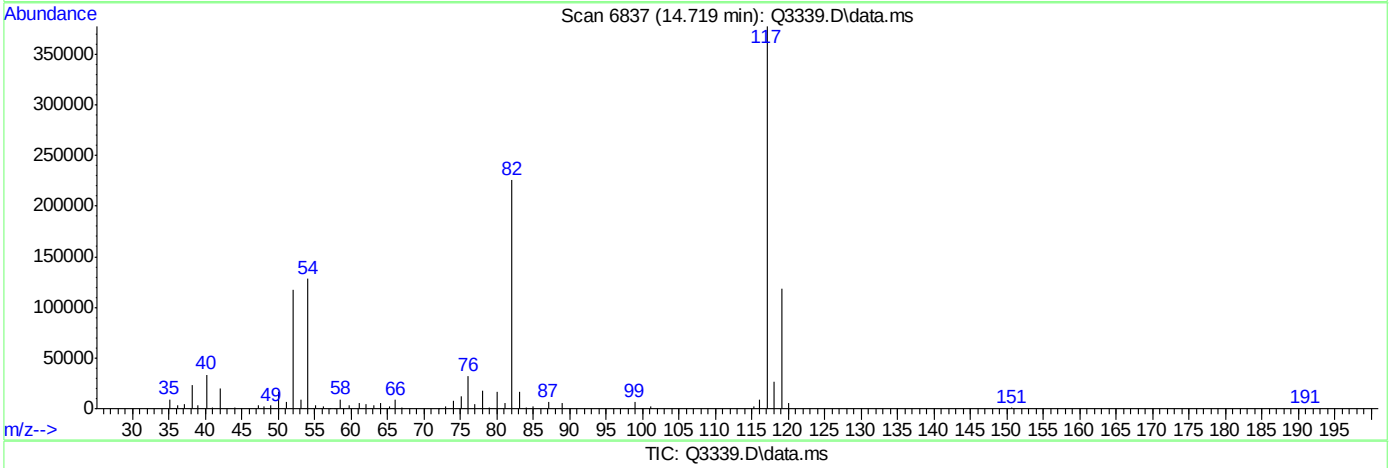
Ion	Exp%	Act%
117.00	100	100
82.00	57.00	61.37
119.00	32.10	34.11
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3339.D
Acq On : 4 May 2007 2:01 pm
Operator : PhilipB
Sample : IC180-.2 (M057)
Misc : MS13469,MSQ180,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 14:28:44 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 13:28:38 2007
Response via : Initial Calibration





TIC: Q3339.D\data.ms

(49) CHLOROBENZENE-D5 (I)

14.719min (-0.003) 10.00PPBV m

response 600663

Ion	Exp%	Act%
117.00	100	100
82.00	57.00	59.64
119.00	32.10	33.15
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
05/22/07 11:56

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3341.D
Acq On : 4 May 2007 3:31 pm
Operator : PhilipB
Sample : CC180-10 (M148)
Misc : MS13500,MSQ180,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 04 15:56:30 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 15:09:53 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.644	128	186085	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.472	114	801024	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.721	117	676596	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.339	95	276214	5.25	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 105.00%

Target Compounds							Qvalue
2) DICHLORODIFLUOROMETHANE	4.037	85	672147	8.77	PPBV		97
3) PROPYLENE	3.966	41	132995	9.18	PPBV		90
4) FREON 114	4.299	85	570614	8.76	PPBV		99
5) CHLOROMETHANE	4.196	50	146222	8.91	PPBV		94
6) VINYL CHLORIDE	4.422	62	156741	8.31	PPBV		98
7) 1,3-BUTADIENE	4.566	39	167502	9.33	PPBV	#	74
8) BROMOMETHANE	4.839	94	175101	9.44	PPBV		100
9) CHLOROETHANE	5.016	64	64281	9.67	PPBV		86
10) TRICHLOROFLUOROMETHANE	5.794	101	815000	9.40	PPBV		98
11) ISOPROPYL ALCOHOL	5.829	45	281453	9.02	PPBV		94
12) ACETONE	5.604	43	293120	9.11	PPBV		87
13) PENTANE	6.149	42	176889	9.59	PPBV		91
14) 1,1-DICHLOROETHYLENE	6.433	96	158553	10.65	PPBV	#	67
15) CARBON DISULFIDE	6.864	76	469851	9.61	PPBV		80
16) ETHANOL	5.091	45	49553m	9.52	PPBV		
17) BROMOETHENE	5.373	106	167331	8.25	PPBV	#	94
18) METHYLENE CHLORIDE	6.548	84	298690	10.66	PPBV		63
19) 3-CHLOROPROPENE	6.663	39	208048	10.38	PPBV	#	79
20) FREON 113	6.804	151	368045	10.01	PPBV		91
21) TRANS-1,2-DICHLOROETHY...	7.474	96	154314	9.42	PPBV	#	78
22) TERTIARY BUTYL ALCOHOL	6.438	59	330535	9.42	PPBV		81
23) METHYL TERTIARY BUTYL ...	7.714	73	348125	10.15	PPBV		79
24) TETRAHYDROFURAN	9.146	42	115565	8.54	PPBV		86
25) HEXANE	8.676	57	227777	8.52	PPBV	#	81
26) VINYL ACETATE	7.794	43	325229	9.89	PPBV		88
27) 1,1-DICHLOROETHANE	7.671	63	296052	9.46	PPBV		98
28) METHYL ETHYL KETONE	8.039	43	252622	8.37	PPBV		95
29) cis-1,2-DICHLOROETHYLENE	8.481	96	122385	8.18	PPBV		98
30) ETHYL ACETATE	8.671	43	458671	8.45	PPBV		98
31) CHLOROFORM	8.763	83	361841	8.18	PPBV		96
32) 1,1,1-TRICHLOROETHANE	9.716	97	366347	7.86	PPBV		98
33) CARBON TETRACHLORIDE	10.305	117	457933	8.16	PPBV		95
34) 1,2-DICHLOROETHANE	9.471	62	200934	7.55	PPBV		97
36) BENZENE	10.160	78	298166	7.97	PPBV		99
37) CYCLOHEXANE	10.424	84	138257	9.29	PPBV		98
38) TRICHLOROETHYLENE	11.157	95	189674	8.53	PPBV		94
39) 1,2-DICHLOROPROPANE	10.937	63	108412	8.11	PPBV		96
40) BROMODICHLOROMETHANE	11.118	83	322261	8.73	PPBV		99
41) 2,2,4-TRIMETHYLPENTANE	11.182	57	548080	8.90	PPBV		95
42) 1,4-DIOXANE	11.146	88	61712	9.06	PPBV		92
43) HEPTANE	11.420	43	220061	9.39	PPBV		87

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3341.D
Acq On : 4 May 2007 3:31 pm
Operator : PhilipB
Sample : CC180-10 (M148)
Misc : MS13500,MSQ180,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 04 15:56:30 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 15:09:53 2007
Response via : Initial Calibration

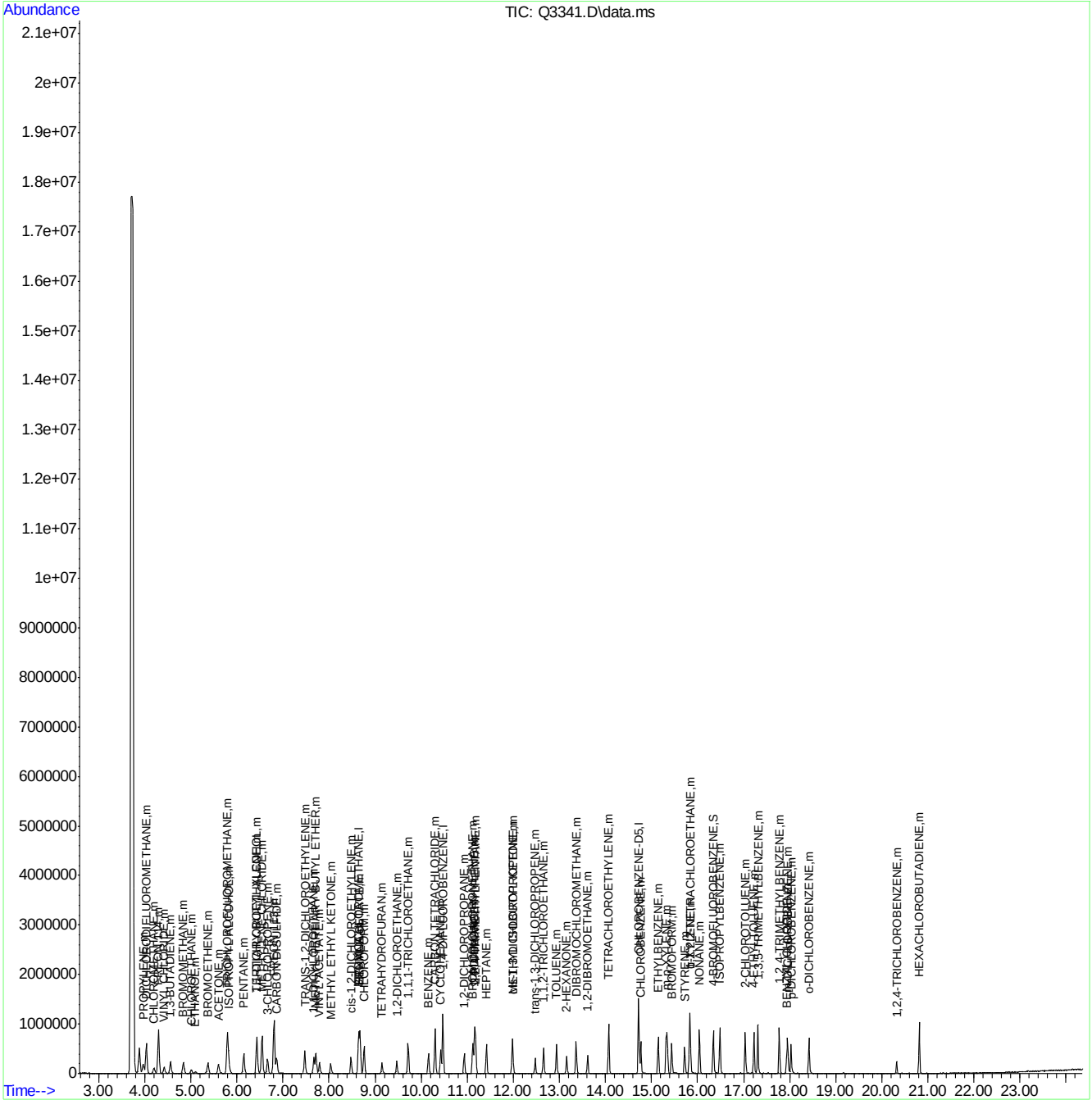
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.988	43	302300	9.71	PPBV	91
45) cis-1,3-DICHLOROPROPENE	11.975	75	172793	8.50	PPBV #	72
46) TOLUENE	12.935	92	205476	8.82	PPBV	98
47) trans-1,3-DICHLOROPROPENE	12.474	75	129477	10.19	PPBV	88
48) 1,1,2-TRICHLOROETHANE	12.660	83	118264	8.50	PPBV	98
50) 2-HEXANONE	13.155	43	228838	9.34	PPBV	90
51) TETRACHLOROETHYLENE	14.071	164	154040	8.62	PPBV #	85
52) DIBROMOCHLOROMETHANE	13.365	129	300201	8.46	PPBV	99
53) 1,2-DIBROMOETHANE	13.615	107	205596	8.03	PPBV	99
54) CHLOROBENZENE	14.767	112	283566	8.08	PPBV	97
55) ETHYLBENZENE	15.149	91	461371	8.61	PPBV	97
56) m,p-XYLENE	15.324	106	365457m	17.70	PPBV	
57) o-XYLENE	15.841	106	184649	8.99	PPBV	97
58) STYRENE	15.720	104	220322	10.54	PPBV	97
59) NONANE	16.041	43	319136	9.59	PPBV	92
60) BROMOFORM	15.438	173	237525	9.67	PPBV	98
62) 1,1,2,2-TETRACHLOROETHANE	15.826	83	307427	7.95	PPBV	97
63) ISOPROPYLBENZENE	16.485	105	531230	9.48	PPBV	98
64) 2-CHLOROTOLUENE	17.035	91	402236	9.59	PPBV	97
65) 4-ETHYLTOLUENE	17.229	105	443018	10.54	PPBV	96
66) 1,3,5-TRIMETHYLBENZENE	17.310	105	464370	9.75	PPBV	98
67) 1,2,4-TRIMETHYLBENZENE	17.775	105	432454	10.43	PPBV	98
68) m-DICHLOROBENZENE	17.956	146	230987	9.17	PPBV	97
69) BENZYL CHLORIDE	17.933	91	208763	10.42	PPBV	98
70) p-DICHLOROBENZENE	18.029	146	181112	8.27	PPBV	97
71) o-DICHLOROBENZENE	18.418	146	226773	8.12	PPBV	98
72) HEXACHLOROBUTADIENE	20.814	225	107969	14.75	PPBV	97
73) 1,2,4-TRICHLOROBENZENE	20.320	180	45195	13.04	PPBV	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3341.D
Acq On : 4 May 2007 3:31 pm
Operator : PhilipB
Sample : CC180-10 (M148)
Misc : MS13500,MSQ180,,,,,1
ALS Vial : 3 Sample Multiplier: 1

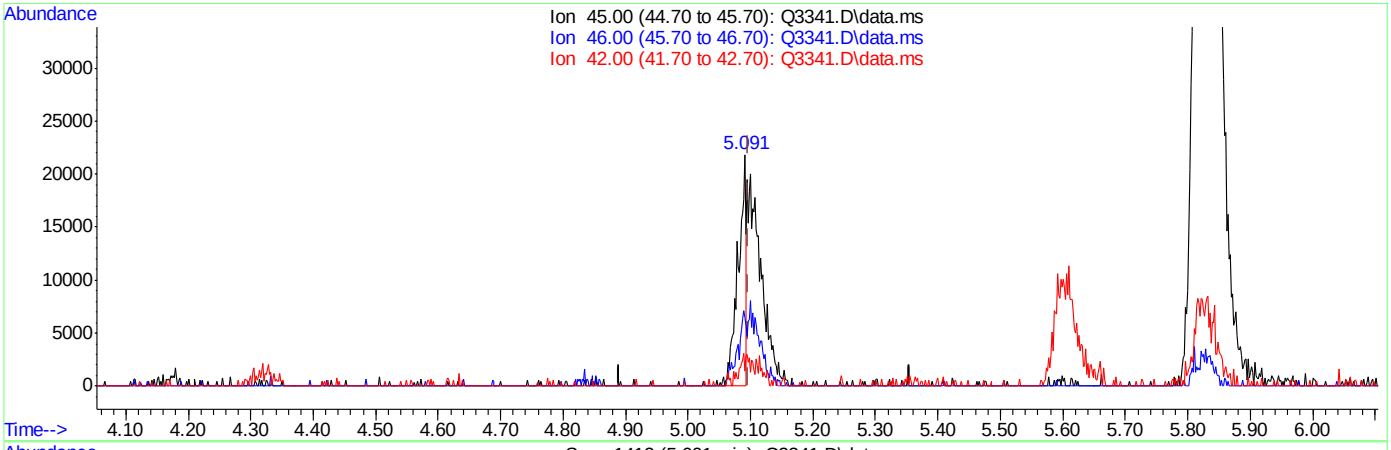
Quant Time: May 04 15:56:30 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 15:09:53 2007
Response via : Initial Calibration

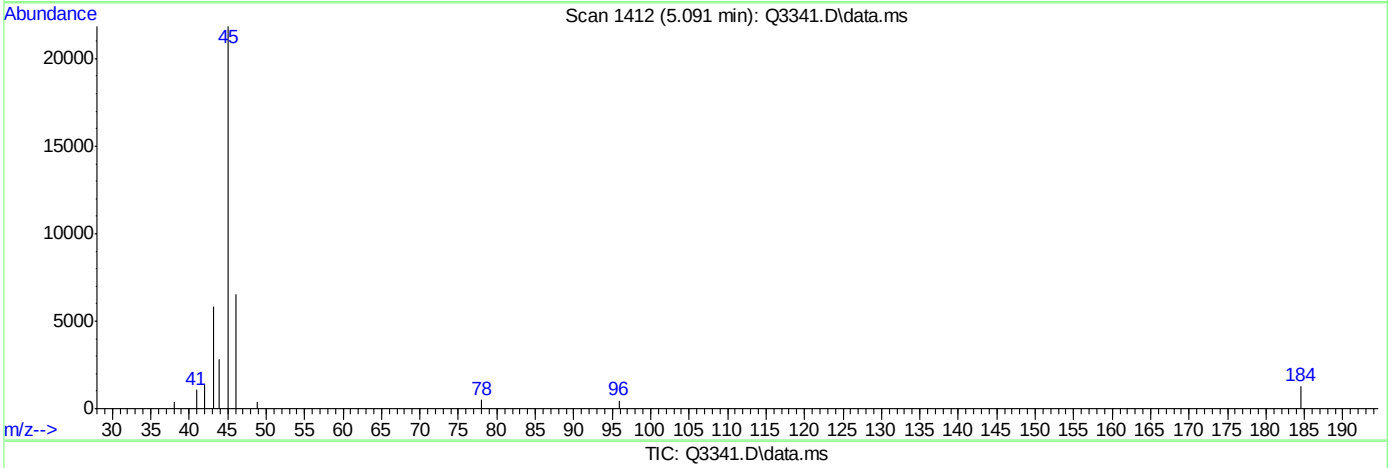


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3341.D
Acq On : 4 May 2007 3:31 pm
Operator : PhilipB
Sample : CC180-10 (M148)
Misc : MS13500,MSQ180,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 04 15:56:01 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 15:09:53 2007
Response via : Initial Calibration





TIC: Q3341.D\data.ms

(16) ETHANOL (m)

5.091min (-0.006) 3.74PPBV

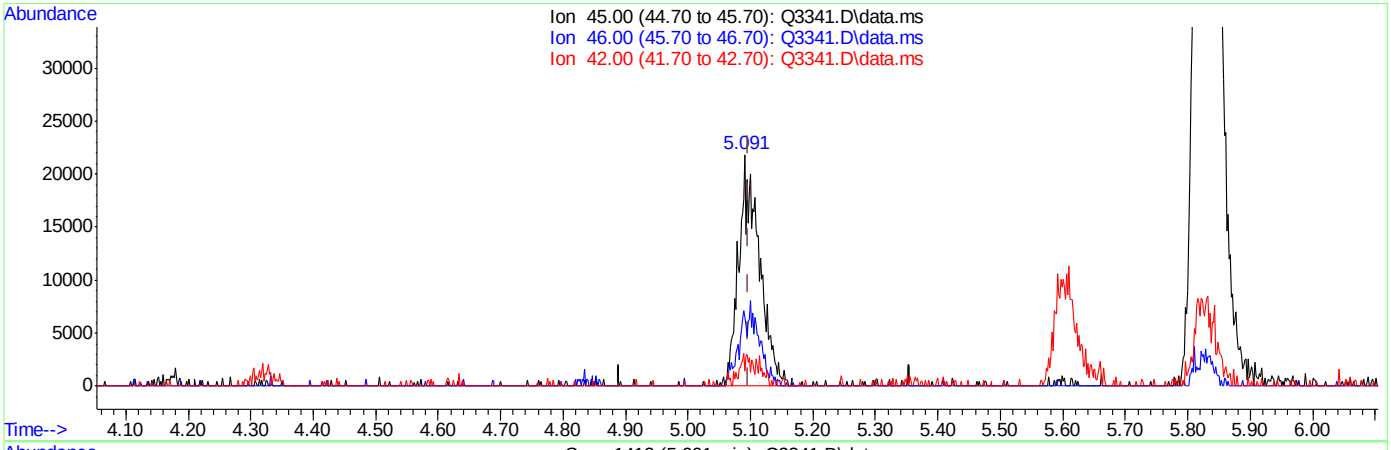
response 18480

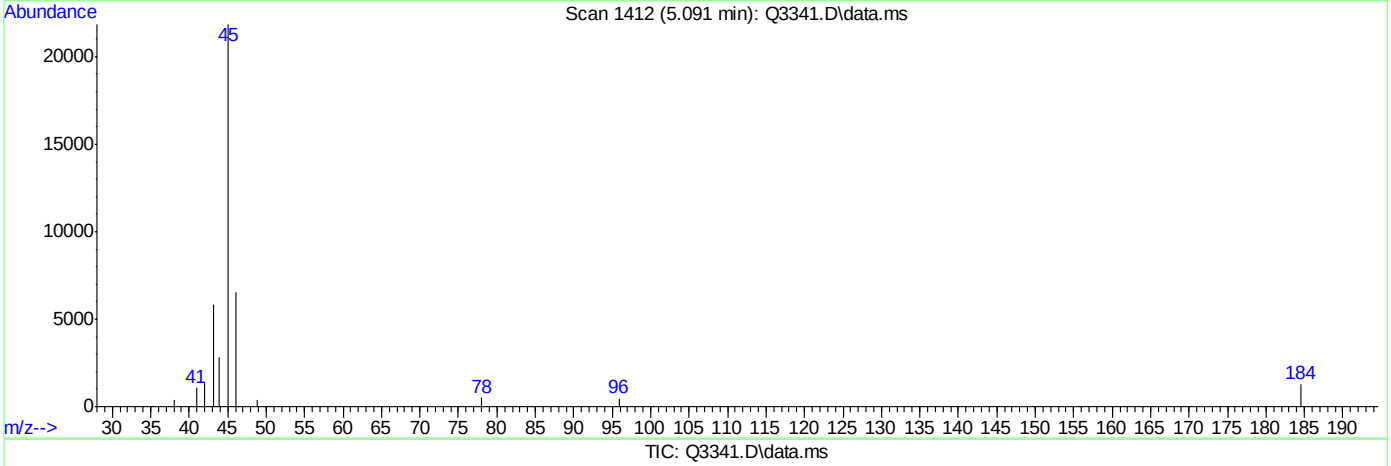
Ion	Exp%	Act%
45.00	100	100
46.00	30.60	91.35#
42.00	4.60	16.94
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3341.D
Acq On : 4 May 2007 3:31 pm
Operator : PhilipB
Sample : CC180-10 (M148)
Misc : MS13500,MSQ180,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 04 15:56:01 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 15:09:53 2007
Response via : Initial Calibration





TIC: Q3341.D\data.ms

(16) ETHANOL (m)

5.091min (-0.006) 9.52PPBV m

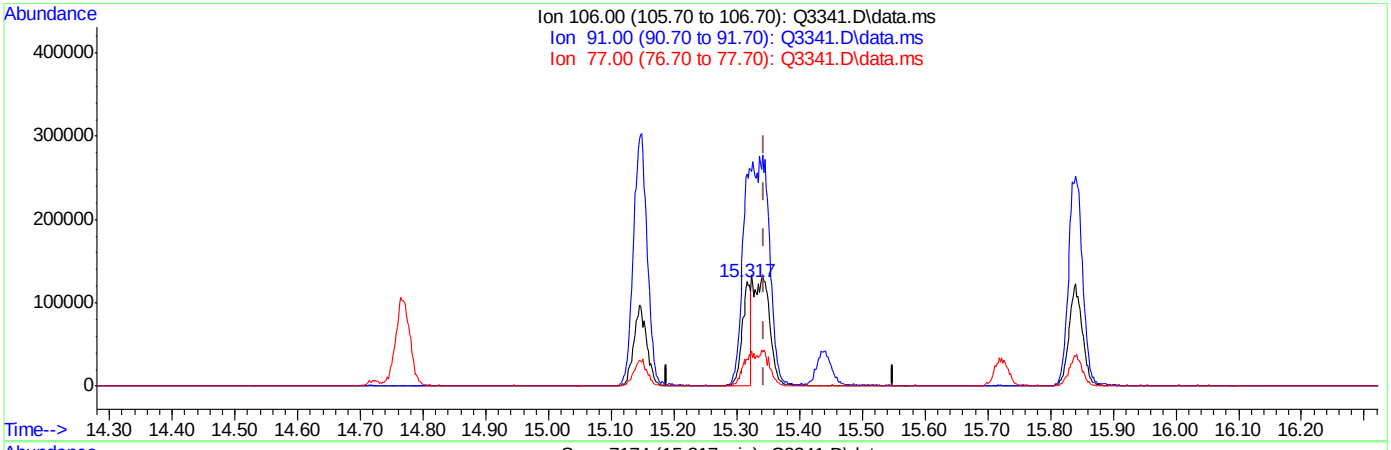
response 49553

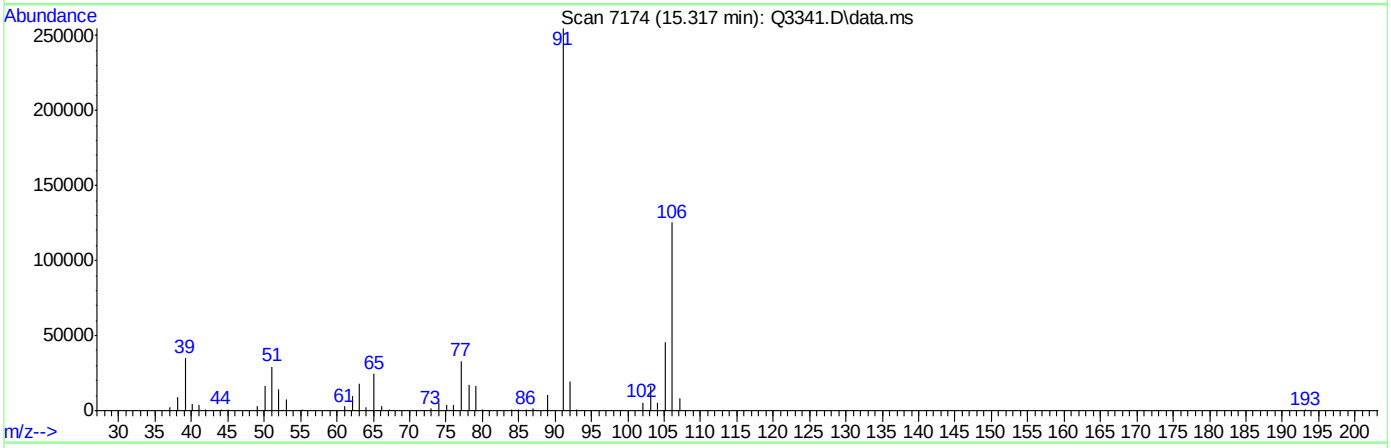
Ion	Exp%	Act%
45.00	100	100
46.00	30.60	34.07
42.00	4.60	6.32
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3341.D
Acq On : 4 May 2007 3:31 pm
Operator : PhilipB
Sample : CC180-10 (M148)
Misc : MS13500,MSQ180,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 04 15:56:01 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 15:09:53 2007
Response via : Initial Calibration





TIC: Q3341.D\data.ms

(56) m,p-XYLENE (m)

15.317min (-0.027) 5.87PPBV

response 121204

Ion	Exp%	Act%
106.00	100	100
91.00	212.80	203.01
77.00	31.20	26.30
0.00	0.00	0.00

ACCUTEST Laboratories M64901

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3341.D
Acq On    :  4 May 2007   3:31 pm
Operator  : PhilipB
Sample    : CC180-10 (M148)
Misc      : MS13500,MSQ180,,,,,1
ALS Vial  : 3   Sample Multiplier: 1

Quant Time: May 04 15:56:01 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 15:09:53 2007
Response via : Initial Calibration
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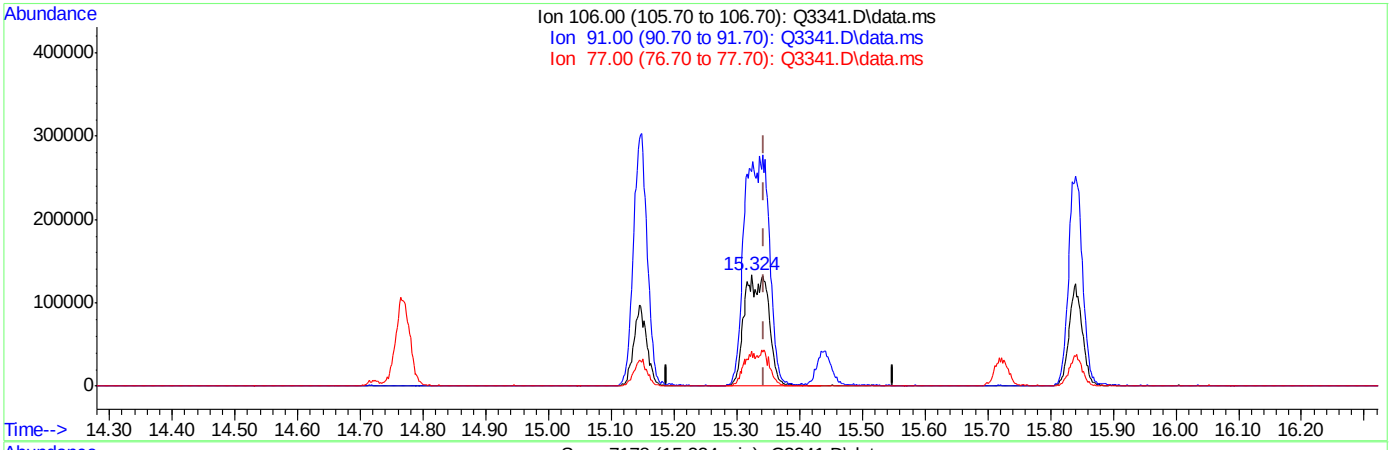
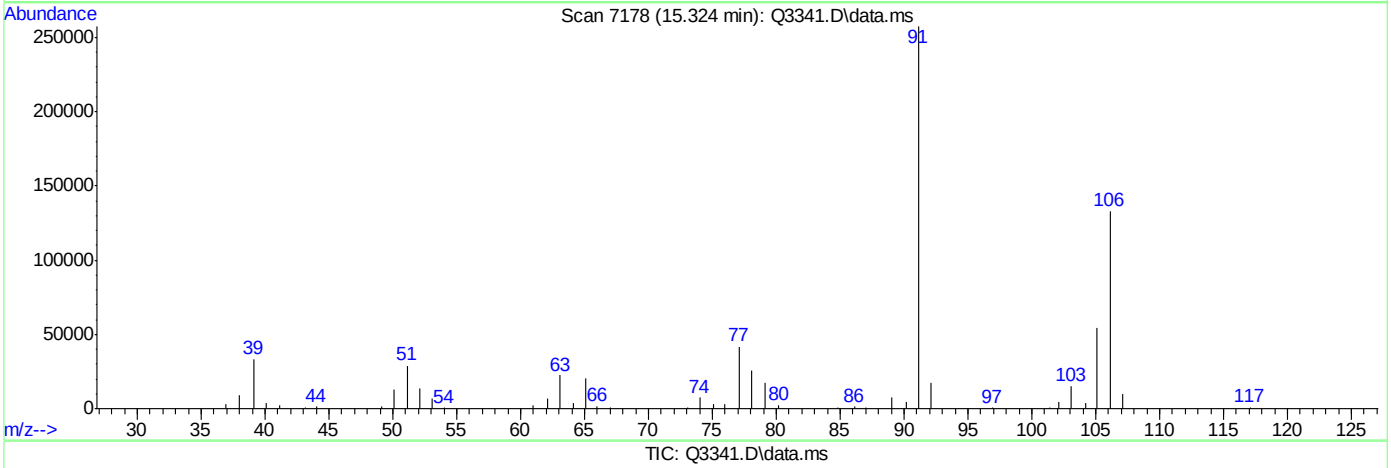




TIC: Q3341.D\data.ms

(56) m,p-XYLENE (m)

15.324min (-0.019) 17.70PPBV m

response 365457

Ion	Exp%	Act%
106.00	100	100
91.00	212.80	193.46
77.00	31.20	31.33
0.00	0.00	0.00

ACCUTEST Laboratories M64901

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
05/22/07 11:56

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3341A.D
Acq On : 4 May 2007 3:31 pm
Operator : PhilipB
Sample : ICV180-10 (M148)
Misc : MS13500,MSQ181,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 04 15:58:46 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 15:09:53 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.644	128	186085	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.472	114	801024	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.721	117	676596	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.339	95	276214	5.25	PPBV	0.00
Spiked Amount 5.000	Range 57 - 139		Recovery = 105.00%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.037	85	672147	8.77	PPBV	97
3) PROPYLENE	3.966	41	132995	9.18	PPBV	90
4) FREON 114	4.299	85	570614	8.76	PPBV	99
5) CHLOROMETHANE	4.196	50	146222	8.91	PPBV	94
6) VINYL CHLORIDE	4.422	62	156741	8.31	PPBV	98
7) 1,3-BUTADIENE	4.566	39	167502	9.33	PPBV #	74
8) BROMOMETHANE	4.839	94	175101	9.44	PPBV	100
9) CHLOROETHANE	5.016	64	64281	9.67	PPBV	86
10) TRICHLOROFLUOROMETHANE	5.794	101	815000	9.40	PPBV	98
11) ISOPROPYL ALCOHOL	5.829	45	281453	9.02	PPBV	94
12) ACETONE	5.604	43	293120	9.11	PPBV	87
13) PENTANE	6.149	42	176889	9.59	PPBV	91
14) 1,1-DICHLOROETHYLENE	6.433	96	158553	10.65	PPBV #	67
15) CARBON DISULFIDE	6.864	76	469851	9.61	PPBV	80
16) ETHANOL	5.091	45	49553m	9.52	PPBV	
17) BROMOETHENE	5.373	106	167331	8.25	PPBV #	94
18) METHYLENE CHLORIDE	6.548	84	298690	10.66	PPBV	63
19) 3-CHLOROPROPENE	6.663	39	208048	10.38	PPBV #	79
20) FREON 113	6.804	151	368045	10.01	PPBV	91
21) TRANS-1,2-DICHLOROETHY...	7.474	96	154314	9.42	PPBV #	78
22) TERTIARY BUTYL ALCOHOL	6.438	59	330535	9.42	PPBV	81
23) METHYL TERTIARY BUTYL ...	7.714	73	348125	10.15	PPBV	79
24) TETRAHYDROFURAN	9.146	42	115565	8.54	PPBV	86
25) HEXANE	8.676	57	227777	8.52	PPBV #	81
26) VINYL ACETATE	7.794	43	325229	9.89	PPBV	88
27) 1,1-DICHLOROETHANE	7.671	63	296052	9.46	PPBV	98
28) METHYL ETHYL KETONE	8.039	43	252622	8.37	PPBV	95
29) cis-1,2-DICHLOROETHYLENE	8.481	96	122385	8.18	PPBV	98
30) ETHYL ACETATE	8.671	43	458671	8.45	PPBV	98
31) CHLOROFORM	8.763	83	361841	8.18	PPBV	96
32) 1,1,1-TRICHLOROETHANE	9.716	97	366347	7.86	PPBV	98
33) CARBON TETRACHLORIDE	10.305	117	457933	8.16	PPBV	95
34) 1,2-DICHLOROETHANE	9.471	62	200934	7.55	PPBV	97
36) BENZENE	10.160	78	298166	7.97	PPBV	99
37) CYCLOHEXANE	10.424	84	138257	9.29	PPBV	98
38) TRICHLOROETHYLENE	11.157	95	189674	8.53	PPBV	94
39) 1,2-DICHLOROPROPANE	10.937	63	108412	8.11	PPBV	96
40) BROMODICHLOROMETHANE	11.118	83	322261	8.73	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.182	57	548080	8.90	PPBV	95
42) 1,4-DIOXANE	11.146	88	61712	9.06	PPBV	92
43) HEPTANE	11.420	43	220061	9.39	PPBV	87

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3341A.D
Acq On : 4 May 2007 3:31 pm
Operator : PhilipB
Sample : ICV180-10 (M148)
Misc : MS13500,MSQ181,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 04 15:58:46 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 15:09:53 2007
Response via : Initial Calibration

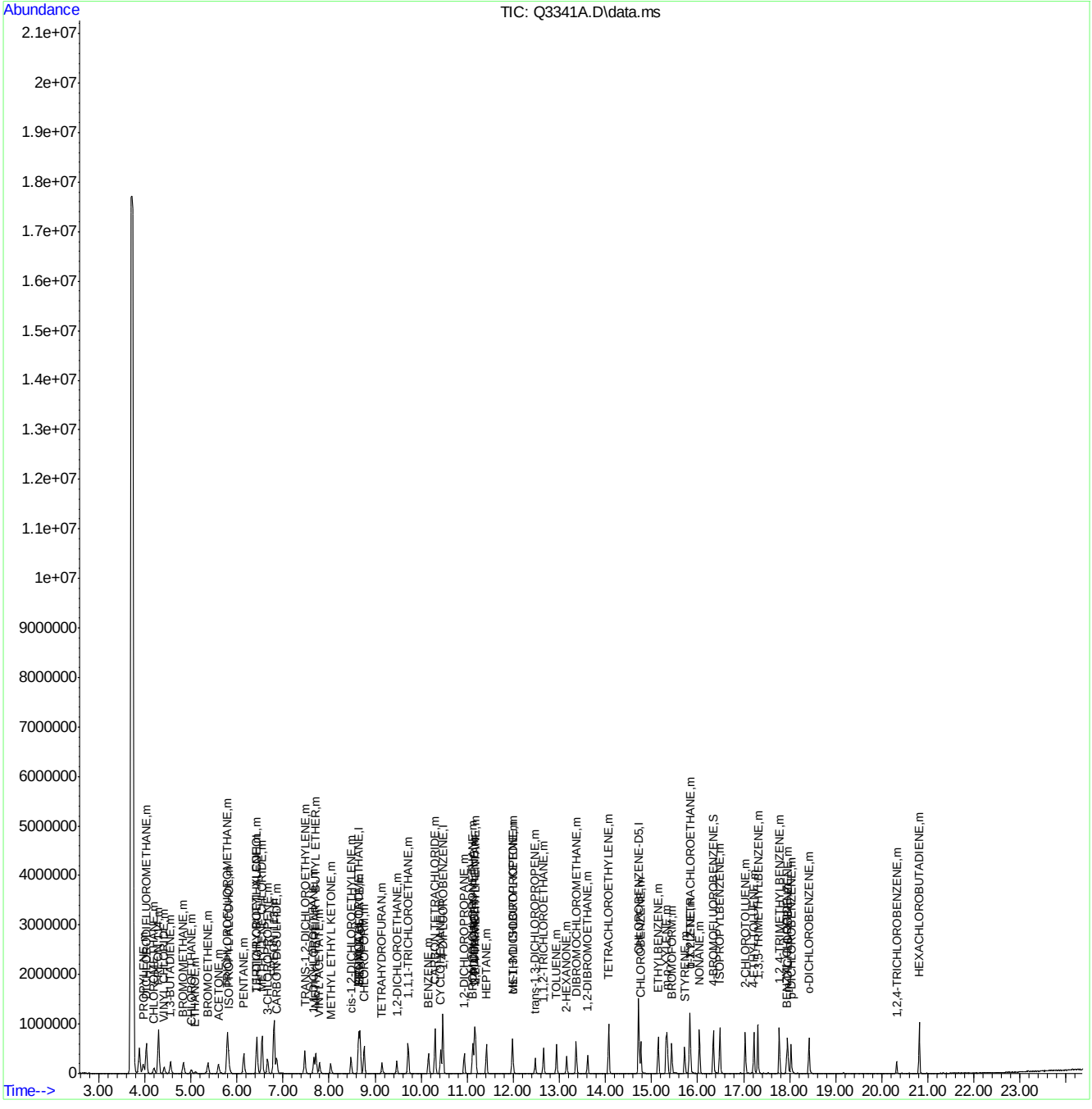
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.988	43	302300	9.71	PPBV	91
45) cis-1,3-DICHLOROPROPENE	11.975	75	172793	8.50	PPBV #	72
46) TOLUENE	12.935	92	205476	8.82	PPBV	98
47) trans-1,3-DICHLOROPROPENE	12.474	75	129477	10.19	PPBV	88
48) 1,1,2-TRICHLOROETHANE	12.660	83	118264	8.50	PPBV	98
50) 2-HEXANONE	13.155	43	228838	9.34	PPBV	90
51) TETRACHLOROETHYLENE	14.071	164	154040	8.62	PPBV #	85
52) DIBROMOCHLOROMETHANE	13.365	129	300201	8.46	PPBV	99
53) 1,2-DIBROMOETHANE	13.615	107	205596	8.03	PPBV	99
54) CHLOROBENZENE	14.767	112	283566	8.08	PPBV	97
55) ETHYLBENZENE	15.149	91	461371	8.61	PPBV	97
56) m,p-XYLENE	15.324	106	365171m	17.69	PPBV	
57) o-XYLENE	15.841	106	184649	8.99	PPBV	97
58) STYRENE	15.720	104	220322	10.54	PPBV	97
59) NONANE	16.041	43	319136	9.59	PPBV	92
60) BROMOFORM	15.438	173	237525	9.67	PPBV	98
62) 1,1,2,2-TETRACHLOROETHANE	15.826	83	307427	7.95	PPBV	97
63) ISOPROPYLBENZENE	16.485	105	531230	9.48	PPBV	98
64) 2-CHLOROTOLUENE	17.035	91	402236	9.59	PPBV	97
65) 4-ETHYLTOLUENE	17.229	105	443018	10.54	PPBV	96
66) 1,3,5-TRIMETHYLBENZENE	17.310	105	464370	9.75	PPBV	98
67) 1,2,4-TRIMETHYLBENZENE	17.775	105	432454	10.43	PPBV	98
68) m-DICHLOROBENZENE	17.956	146	230987	9.17	PPBV	97
69) BENZYL CHLORIDE	17.933	91	208763	10.42	PPBV	98
70) p-DICHLOROBENZENE	18.029	146	181112	8.27	PPBV	97
71) o-DICHLOROBENZENE	18.418	146	226773	8.12	PPBV	98
72) HEXACHLOROBUTADIENE	20.814	225	107969	14.75	PPBV	97
73) 1,2,4-TRICHLOROBENZENE	20.320	180	45195	13.04	PPBV	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3341A.D
Acq On : 4 May 2007 3:31 pm
Operator : PhilipB
Sample : ICV180-10 (M148)
Misc : MS13500,MSQ181,,,,,1
ALS Vial : 3 Sample Multiplier: 1

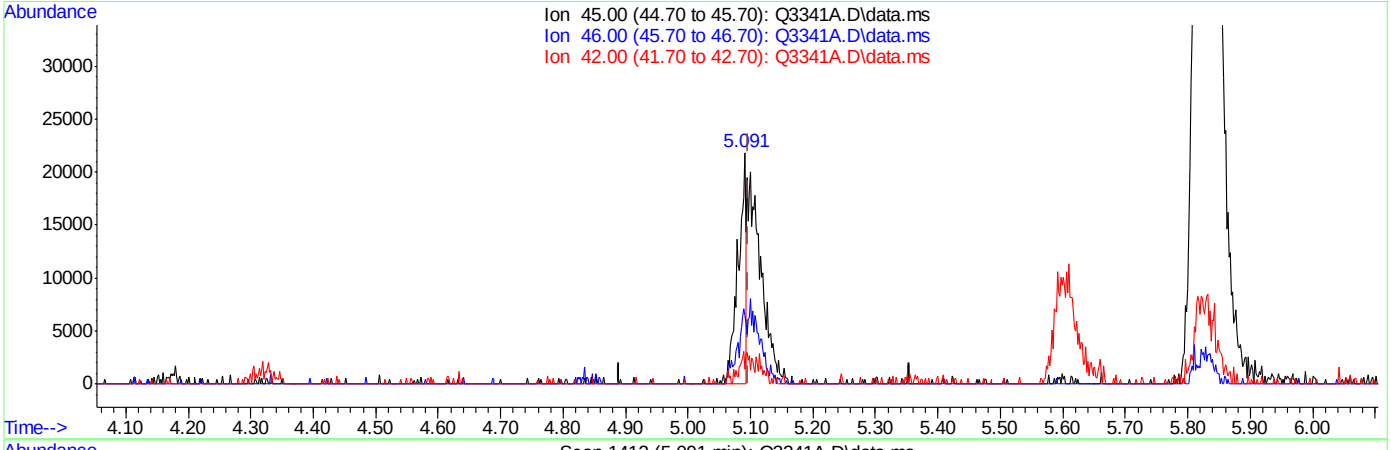
Quant Time: May 04 15:58:46 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 15:09:53 2007
Response via : Initial Calibration

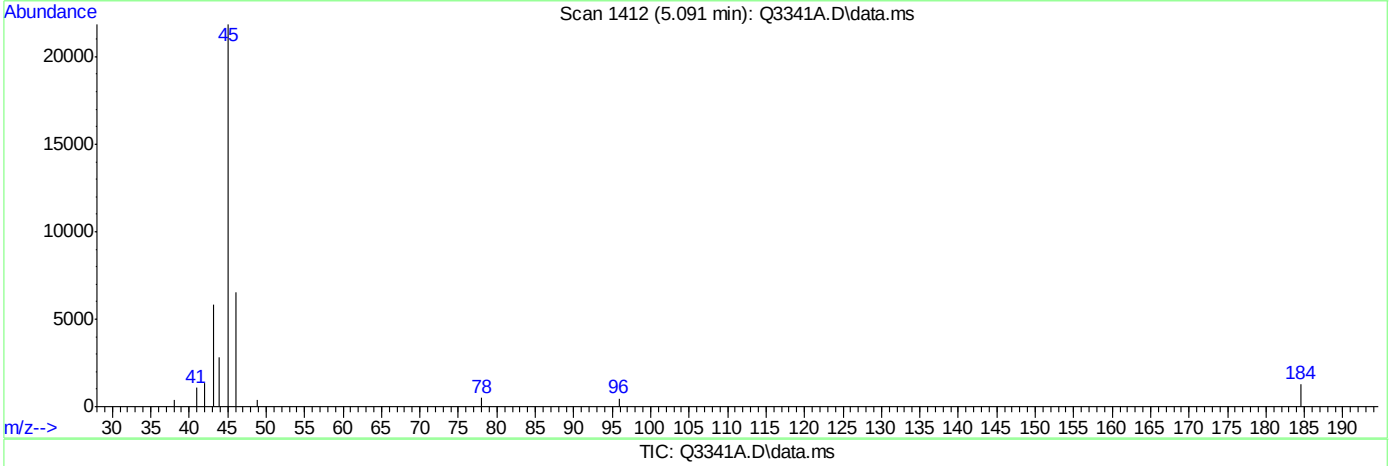


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3341A.D
Acq On : 4 May 2007 3:31 pm
Operator : PhilipB
Sample : ICV179-10 (M148)
Misc : MS13500,MSQ180,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 04 15:58:27 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 15:09:53 2007
Response via : Initial Calibration





TIC: Q3341A.D\data.ms

(16) ETHANOL (m)

5.091min (-0.006) 3.74PPBV

response 18480

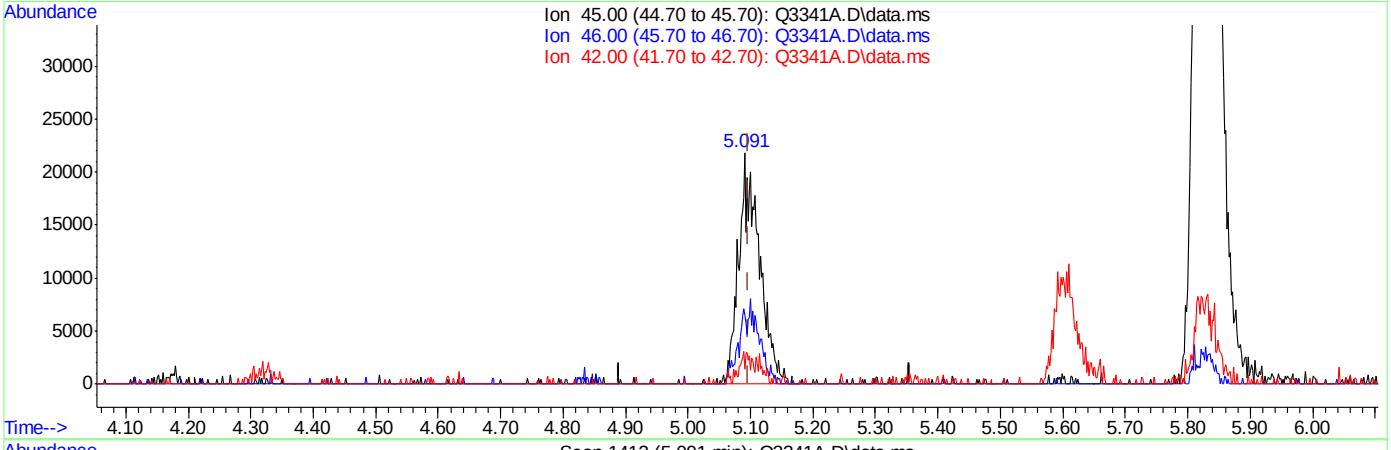
Ion	Exp%	Act%
45.00	100	100
46.00	30.60	91.35#
42.00	4.60	16.94
0.00	0.00	0.00

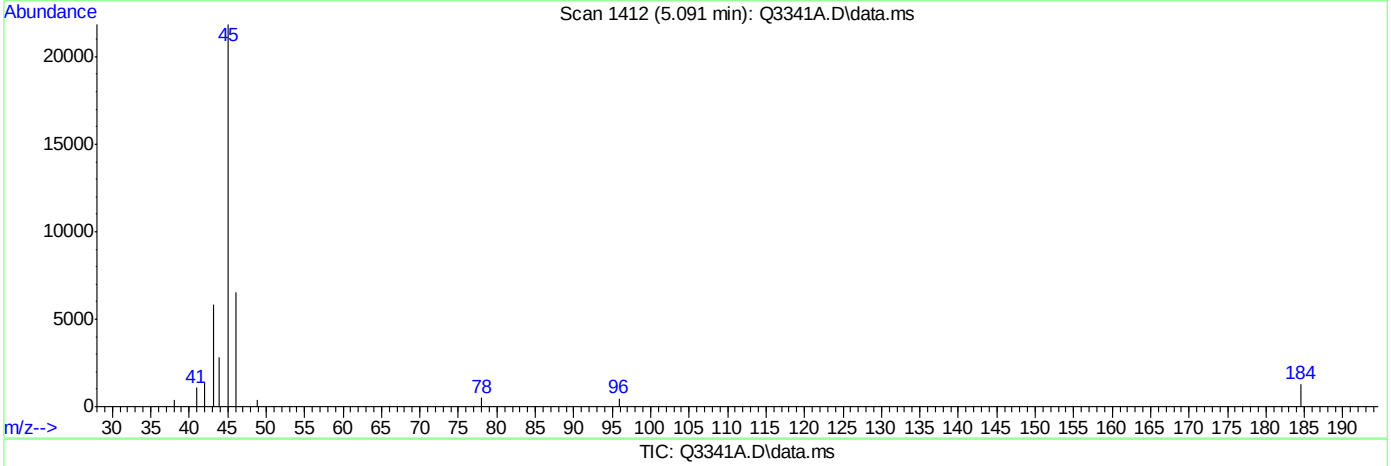
ACCUTEST Laboratories M64901

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3341A.D
Acq On : 4 May 2007 3:31 pm
Operator : PhilipB
Sample : ICV179-10 (M148)
Misc : MS13500,MSQ180,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 04 15:58:27 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 15:09:53 2007
Response via : Initial Calibration





TIC: Q3341A.D\data.ms

(16) ETHANOL (m)

5.091min (-0.006) 9.52PPBV m

response 49553

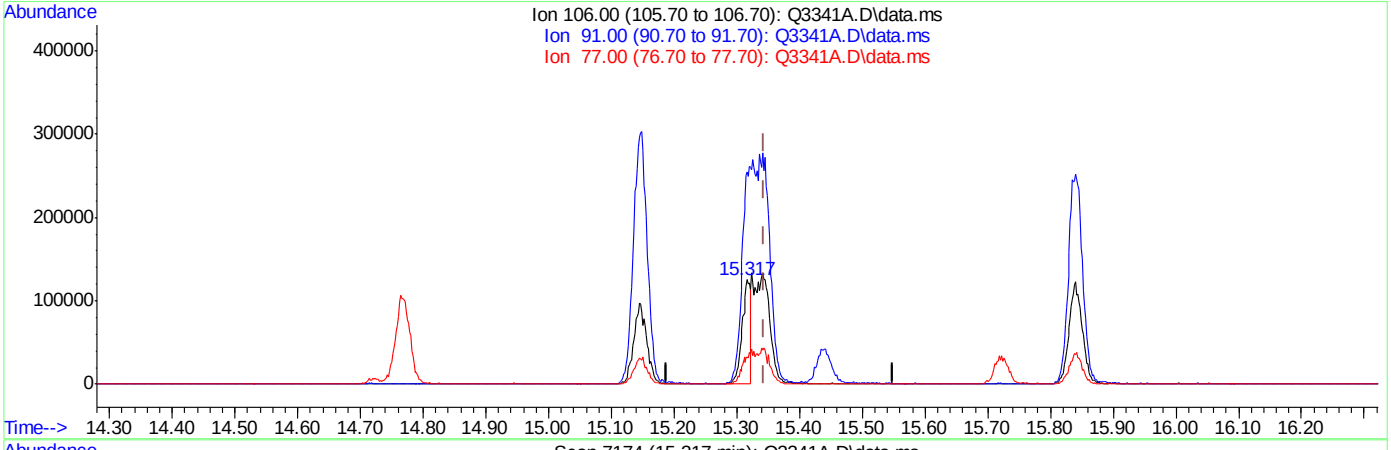
Ion	Exp%	Act%
45.00	100	100
46.00	30.60	34.07
42.00	4.60	6.32
0.00	0.00	0.00

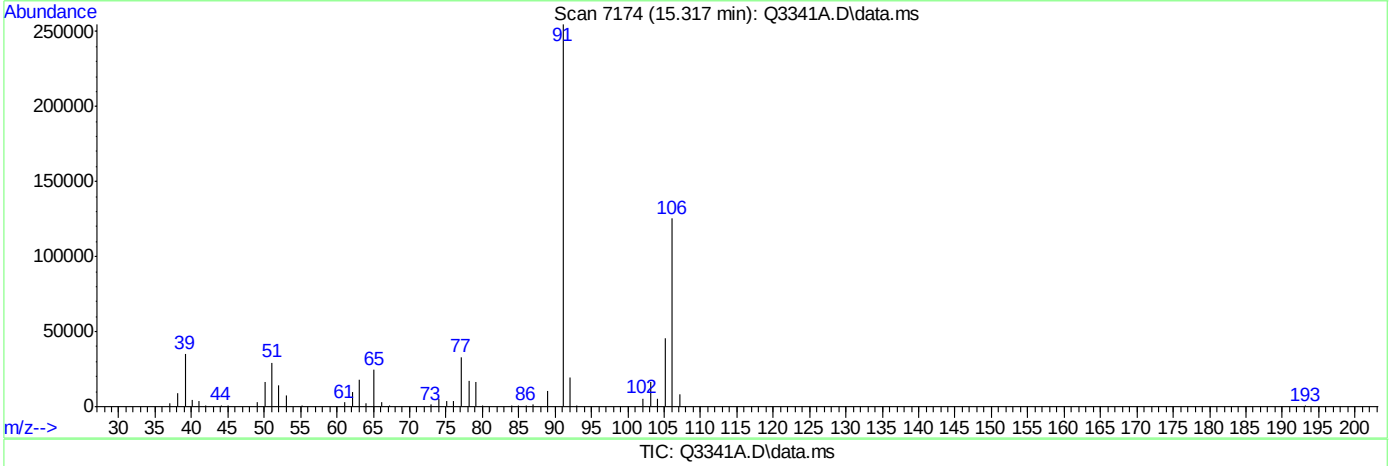
ACCUTEST Laboratories M64901

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3341A.D
Acq On : 4 May 2007 3:31 pm
Operator : PhilipB
Sample : ICV179-10 (M148)
Misc : MS13500,MSQ180,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 04 15:58:27 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 15:09:53 2007
Response via : Initial Calibration





TIC: Q3341A.D\data.ms

(56) m,p-XYLENE (m)

15.317min (-0.027) 5.87PPBV

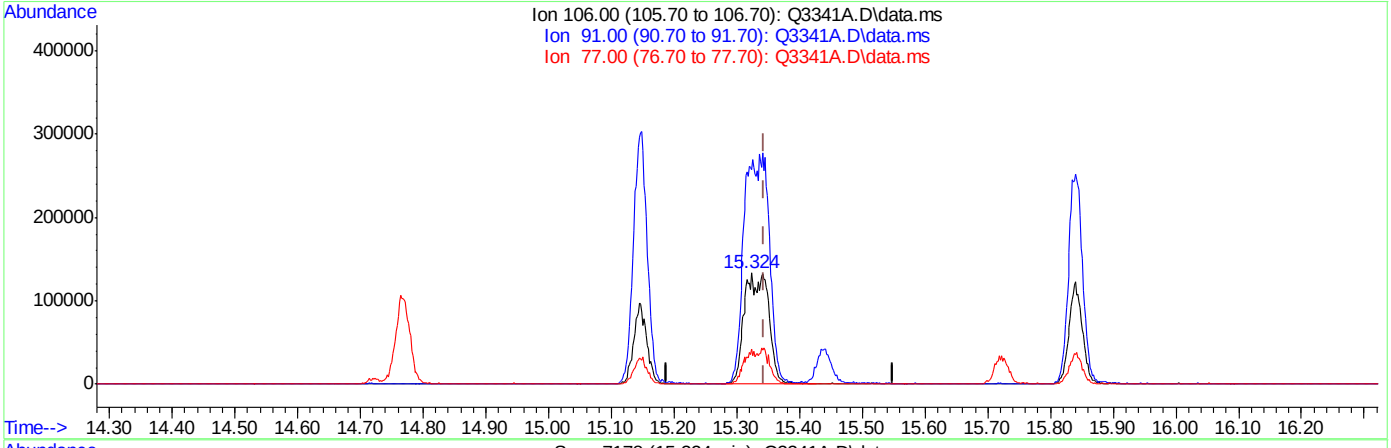
response 121204

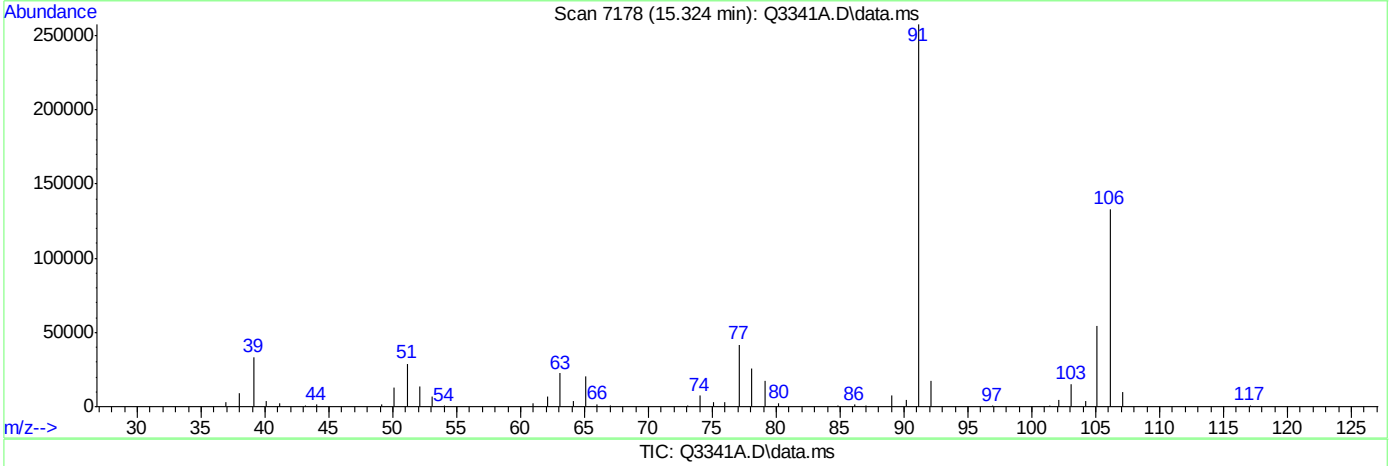
Ion	Exp%	Act%
106.00	100	100
91.00	212.80	203.01
77.00	31.20	26.30
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3341A.D
Acq On : 4 May 2007 3:31 pm
Operator : PhilipB
Sample : ICV179-10 (M148)
Misc : MS13500,MSQ180,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 04 15:58:27 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 15:09:53 2007
Response via : Initial Calibration





TIC: Q3341A.D\data.ms

(56) m,p-XYLENE (m)

15.324min (-0.019) 17.69PPBV m

response 365171

Ion	Exp%	Act%
106.00	100	100
91.00	212.80	193.46
77.00	31.20	31.33
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
05/08/07 11:33

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3355.D
Acq On : 7 May 2007 11:02 am
Operator : PhilipB
Sample : CC180-10 (M148)
Misc : MS13508,MSQ182,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 07 11:31:50 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 15:09:53 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.644	128	153594	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.474	114	714489	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.719	117	589562	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.343	95	242784	5.30	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 106.00%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.037	85	662674	10.47	PPBV	96
3) PROPYLENE	3.969	41	123550	10.33	PPBV #	85
4) FREON 114	4.308	85	513982	9.55	PPBV	98
5) CHLOROMETHANE	4.207	50	132874	9.81	PPBV	97
6) VINYL CHLORIDE	4.429	62	146162	9.39	PPBV	97
7) 1,3-BUTADIENE	4.569	39	151958	10.26	PPBV #	73
8) BROMOMETHANE	4.844	94	167566	10.94	PPBV	97
9) CHLOROETHANE	5.022	64	56819	10.35	PPBV	97
10) TRICHLOROFLUOROMETHANE	5.805	101	777089	10.86	PPBV	99
11) ISOPROPYL ALCOHOL	5.831	45	267717	10.39	PPBV	87
12) ACETONE	5.608	43	296658	11.04	PPBV	85
13) PENTANE	6.152	42	180665	11.87	PPBV	93
14) 1,1-DICHLOROETHYLENE	6.442	96	157254	12.54	PPBV #	65
15) CARBON DISULFIDE	6.869	76	465798	11.54	PPBV	78
16) ETHANOL	5.105	45	47042	10.90	PPBV	92
17) BROMOETHENE	5.382	106	164606	9.83	PPBV #	93
18) METHYLENE CHLORIDE	6.553	84	306676	13.26	PPBV	63
19) 3-CHLOROPROPENE	6.674	39	198292	11.99	PPBV #	81
20) FREON 113	6.811	151	360580	11.88	PPBV	91
21) TRANS-1,2-DICHLOROETHY...	7.482	96	137831	10.20	PPBV	88
22) TERTIARY BUTYL ALCOHOL	6.440	59	308311	10.64	PPBV	82
23) METHYL TERTIARY BUTYL ...	7.725	73	265637	9.39	PPBV	82
24) TETRAHYDROFURAN	9.148	42	115250	10.31	PPBV	88
25) HEXANE	8.680	57	233457	10.58	PPBV #	83
26) VINYL ACETATE	7.799	43	266500	9.82	PPBV	93
27) 1,1-DICHLOROETHANE	7.677	63	237313	9.19	PPBV	100
28) METHYL ETHYL KETONE	8.039	43	243686	9.79	PPBV	99
29) cis-1,2-DICHLOROETHYLENE	8.484	96	121352	9.83	PPBV	99
30) ETHYL ACETATE	8.674	43	456615	10.19	PPBV	98
31) CHLOROFORM	8.768	83	359500	9.84	PPBV	95
32) 1,1,1-TRICHLOROETHANE	9.721	97	371512	9.66	PPBV	97
33) CARBON TETRACHLORIDE	10.307	117	469453	10.13	PPBV	95
34) 1,2-DICHLOROETHANE	9.475	62	211253	9.62	PPBV	99
36) BENZENE	10.163	78	307234	9.21	PPBV	99
37) CYCLOHEXANE	10.426	84	141295	10.65	PPBV	99
38) TRICHLOROETHYLENE	11.157	95	198734	10.03	PPBV	94
39) 1,2-DICHLOROPROPANE	10.935	63	111905	9.38	PPBV	93
40) BROMODICHLOROMETHANE	11.120	83	324624	9.86	PPBV	98
41) 2,2,4-TRIMETHYLPENTANE	11.184	57	552065	10.05	PPBV	99
42) 1,4-DIOXANE	11.139	88	61291	10.08	PPBV #	81
43) HEPTANE	11.422	43	219435	10.49	PPBV	90

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3355.D
Acq On : 7 May 2007 11:02 am
Operator : PhilipB
Sample : CC180-10 (M148)
Misc : MS13508,MSQ182,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 07 11:31:50 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 15:09:53 2007
Response via : Initial Calibration

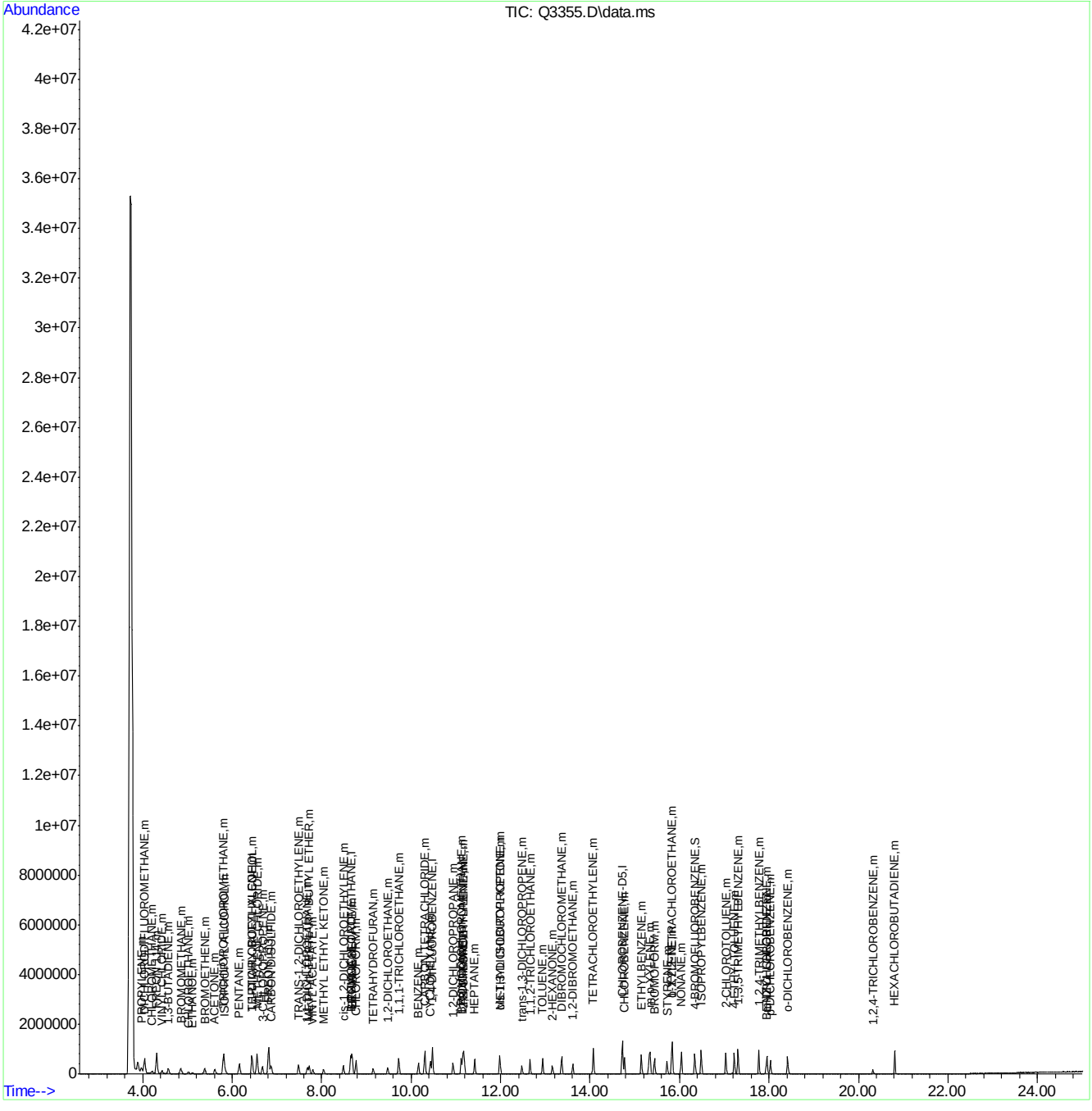
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.990	43	293347	10.56 PPBV	90
45) cis-1,3-DICHLOROPROPENE	11.972	75	181903	10.03 PPBV #	76
46) TOLUENE	12.936	92	208237	10.02 PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.478	75	128903	11.38 PPBV	82
48) 1,1,2-TRICHLOROETHANE	12.657	83	124814	10.06 PPBV	98
50) 2-HEXANONE	13.157	43	225206	10.55 PPBV	91
51) TETRACHLOROETHYLENE	14.068	164	158154	10.15 PPBV #	86
52) DIBROMOCHLOROMETHANE	13.363	129	308567	9.98 PPBV	99
53) 1,2-DIBROMOETHANE	13.615	107	218952	9.82 PPBV	97
54) CHLOROBENZENE	14.765	112	284014	9.29 PPBV	99
55) ETHYLBENZENE	15.145	91	472742	10.13 PPBV	96
56) m,p-XYLENE	15.340	106	379023m	21.07 PPBV	
57) o-XYLENE	15.839	106	191452	10.69 PPBV	97
58) STYRENE	15.718	104	214183	11.76 PPBV	99
59) NONANE	16.041	43	326215	11.25 PPBV	92
60) BROMOFORM	15.440	173	242374	11.32 PPBV	97
62) 1,1,2,2-TETRACHLOROETHANE	15.827	83	324219	9.62 PPBV	99
63) ISOPROPYLBENZENE	16.483	105	540505	11.07 PPBV	97
64) 2-CHLOROTOLUENE	17.035	91	406488	11.12 PPBV	96
65) 4-ETHYLTOLUENE	17.222	105	444681	12.14 PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.307	105	467343	11.26 PPBV	98
67) 1,2,4-TRIMETHYLBENZENE	17.774	105	422499	11.69 PPBV	99
68) m-DICHLOROBENZENE	17.956	146	206024	9.39 PPBV	98
69) BENZYL CHLORIDE	17.932	91	193158	11.06 PPBV	99
70) p-DICHLOROBENZENE	18.029	146	162178	8.50 PPBV	92
71) o-DICHLOROBENZENE	18.418	146	212085	8.71 PPBV	97
72) HEXACHLOROBUTADIENE	20.812	225	92973	14.64 PPBV	97
73) 1,2,4-TRICHLOROBENZENE	20.324	180	31800	11.60 PPBV	92

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3355.D
Acq On : 7 May 2007 11:02 am
Operator : PhilipB
Sample : CC180-10 (M148)
Misc : MS13508,MSQ182,,,,,1
ALS Vial : 3 Sample Multiplier: 1

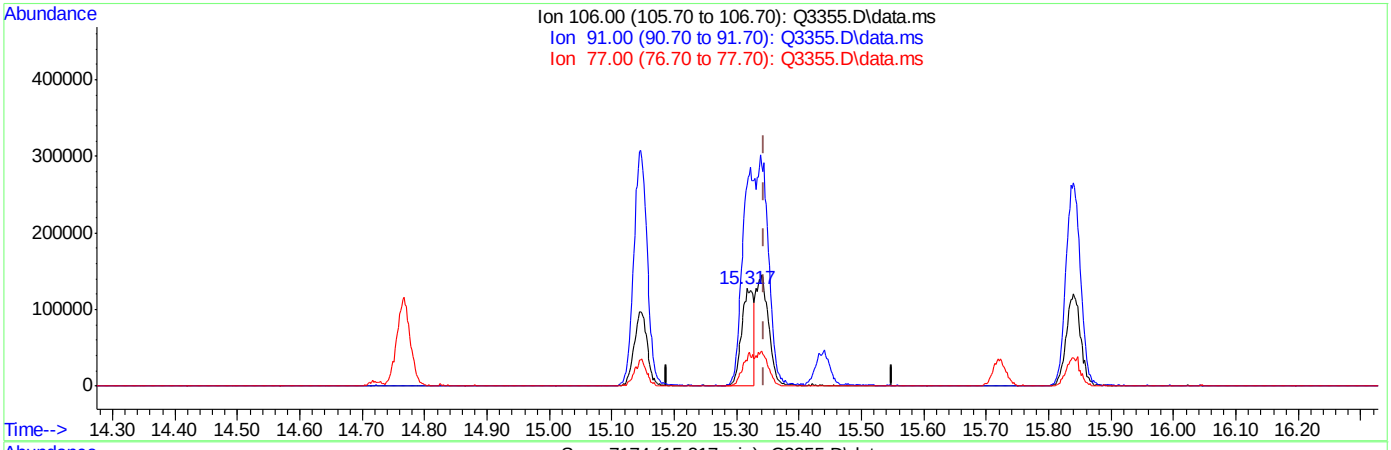
Quant Time: May 07 11:31:50 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 15:09:53 2007
Response via : Initial Calibration

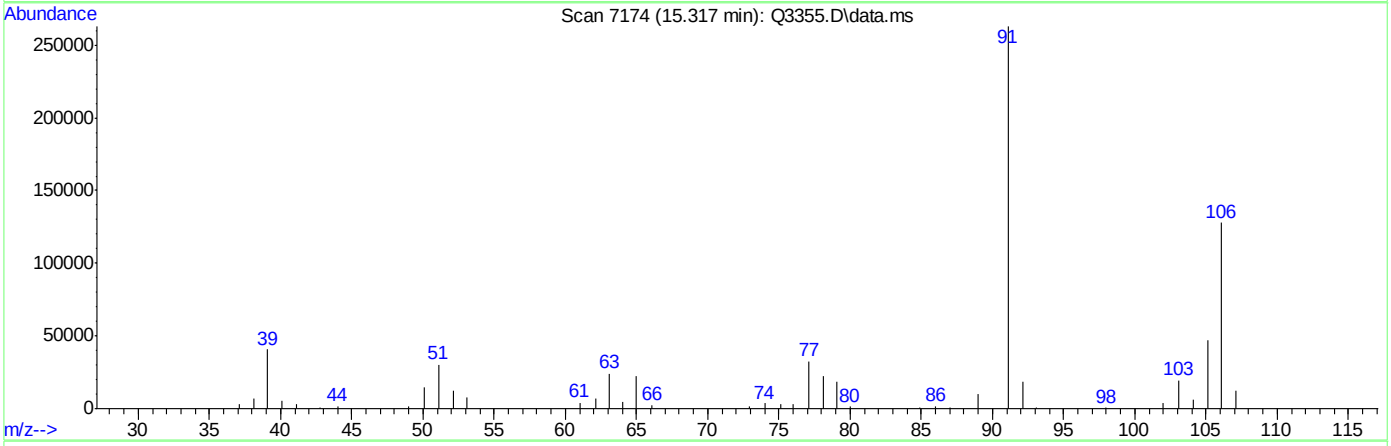


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3355.D
Acq On : 7 May 2007 11:02 am
Operator : PhilipB
Sample : CC180-10 (M148)
Misc : MS13508,MSQ182,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 07 11:31:27 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 15:09:53 2007
Response via : Initial Calibration





TIC: Q3355.D\data.ms

(56) m,p-XYLENE (m)

15.317min (-0.026) 9.61PPBV

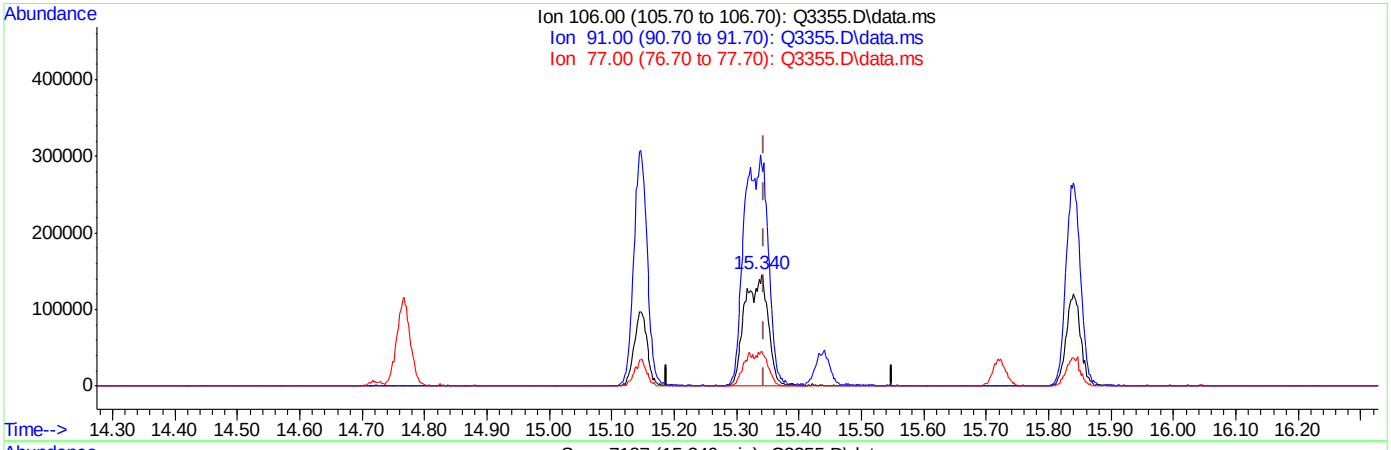
response 172848

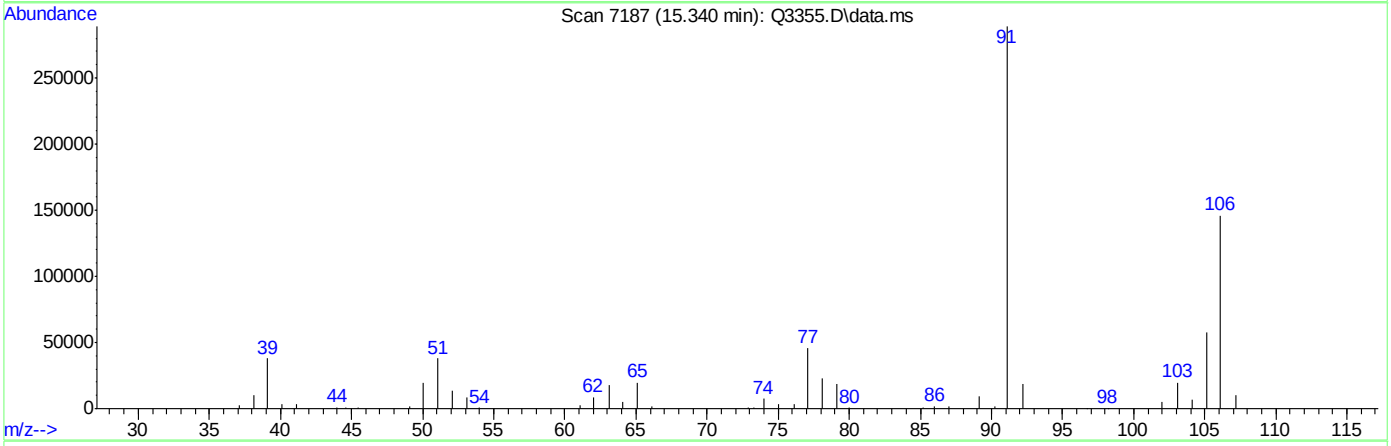
Ion	Exp%	Act%
106.00	100	100
91.00	212.80	205.97
77.00	31.20	25.37
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3355.D
Acq On : 7 May 2007 11:02 am
Operator : PhilipB
Sample : CC180-10 (M148)
Misc : MS13508,MSQ182,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 07 11:31:27 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri May 04 15:09:53 2007
Response via : Initial Calibration





TIC: Q3355.D\data.ms

(56) m,p-XYLENE (m)

15.340min (-0.003) 21.07PPBV m

response 379023

Ion	Exp%	Act%
106.00	100	100
91.00	212.80	197.81
77.00	31.20	31.39
0.00	0.00	0.00

ACCUTEST Laboratories M64901

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
05/16/07 18:03

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3387.D
Acq On : 15 May 2007 5:12 pm
Operator : PhilipB
Sample : IC185-2 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 15 17:38:39 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 16:13:49 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.422	128	122843	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.343	114	613891	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.694	117	545288	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.332	95	217174	4.82	PPBV	0.00
Spiked Amount 5.000	Range 57 - 139		Recovery = 96.40%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	3.593	85	208384	2.32	PPBV	86
3) PROPYLENE	3.520	41	62735	2.50	PPBV	86
4) FREON 114	3.858	85	208312	2.42	PPBV #	100
5) CHLOROMETHANE	3.760	50	82021	2.52	PPBV	92
6) VINYL CHLORIDE	3.982	62	72469	2.53	PPBV	73
7) 1,3-BUTADIENE	4.120	39	61434	2.52	PPBV #	100
8) BROMOMETHANE	4.399	94	67244	2.45	PPBV #	100
9) CHLOROETHANE	4.571	64	31098	2.54	PPBV #	100
10) TRICHLOROFLUOROMETHANE	5.389	101	214239	2.41	PPBV #	100
11) ISOPROPYL ALCOHOL	5.442	45	105526	2.66	PPBV	91
12) ACETONE	5.190	43	104671	2.68	PPBV #	71
13) PENTANE	5.765	42	56825	2.86	PPBV #	100
14) 1,1-DICHLOROETHYLENE	6.065	96	57066	2.37	PPBV #	22
15) CARBON DISULFIDE	6.525	76	139381	2.35	PPBV	67
16) ETHANOL	4.669	45	24015	2.71	PPBV #	100
17) BROMOETHENE	4.940	106	67917	2.41	PPBV #	100
18) METHYLENE CHLORIDE	6.191	84	63785	3.26	PPBV #	1
19) 3-CHLOROPROPENE	6.316	39	44837	2.49	PPBV #	1
20) FREON 113	6.468	151	109797	2.11	PPBV #	100
21) TRANS-1,2-DICHLOROETHY...	7.182	96	52419	2.17	PPBV #	100
22) TERTIARY BUTYL ALCOHOL	6.090	59	118964	2.72	PPBV #	100
23) METHYL TERTIARY BUTYL ...	7.444	73	115051	2.10	PPBV #	100
24) TETRAHYDROFURAN	8.956	42	88300	2.60	PPBV #	100
25) HEXANE	8.458	57	89941	2.55	PPBV #	100
26) VINYL ACETATE	7.530	43	194754	4.24	PPBV	89
27) 1,1-DICHLOROETHANE	7.386	63	113481	2.70	PPBV #	100
28) METHYL ETHYL KETONE	7.792	43	168665	2.67	PPBV	87
29) cis-1,2-DICHLOROETHYLENE	8.248	96	45711	2.18	PPBV #	100
30) ETHYL ACETATE	8.460	43	270261	2.73	PPBV	100
31) CHLOROFORM	8.548	83	124604	2.32	PPBV #	100
32) 1,1,1-TRICHLOROETHANE	9.549	97	121879	2.08	PPBV	90
33) CARBON TETRACHLORIDE	10.160	117	128126	1.94	PPBV	94
34) 1,2-DICHLOROETHANE	9.297	62	99543	2.20	PPBV	100
36) BENZENE	10.009	78	141084	2.17	PPBV	89
37) CYCLOHEXANE	10.282	84	49118	2.06	PPBV #	31
38) TRICHLOROETHYLENE	11.047	95	72286	1.91	PPBV #	82
39) 1,2-DICHLOROPROPANE	10.822	63	68885	2.16	PPBV #	58
40) BROMODICHLOROMETHANE	11.008	83	120366	1.90	PPBV	98
41) 2,2,4-TRIMETHYLPENTANE	11.070	57	328884	2.21	PPBV #	92
42) 1,4-DIOXANE	11.044	88	25019	1.88	PPBV #	5
43) HEPTANE	11.322	43	140755	2.25	PPBV #	75

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3387.D
Acq On : 15 May 2007 5:12 pm
Operator : PhilipB
Sample : IC185-2 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 15 17:38:39 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 16:13:49 2007
Response via : Initial Calibration

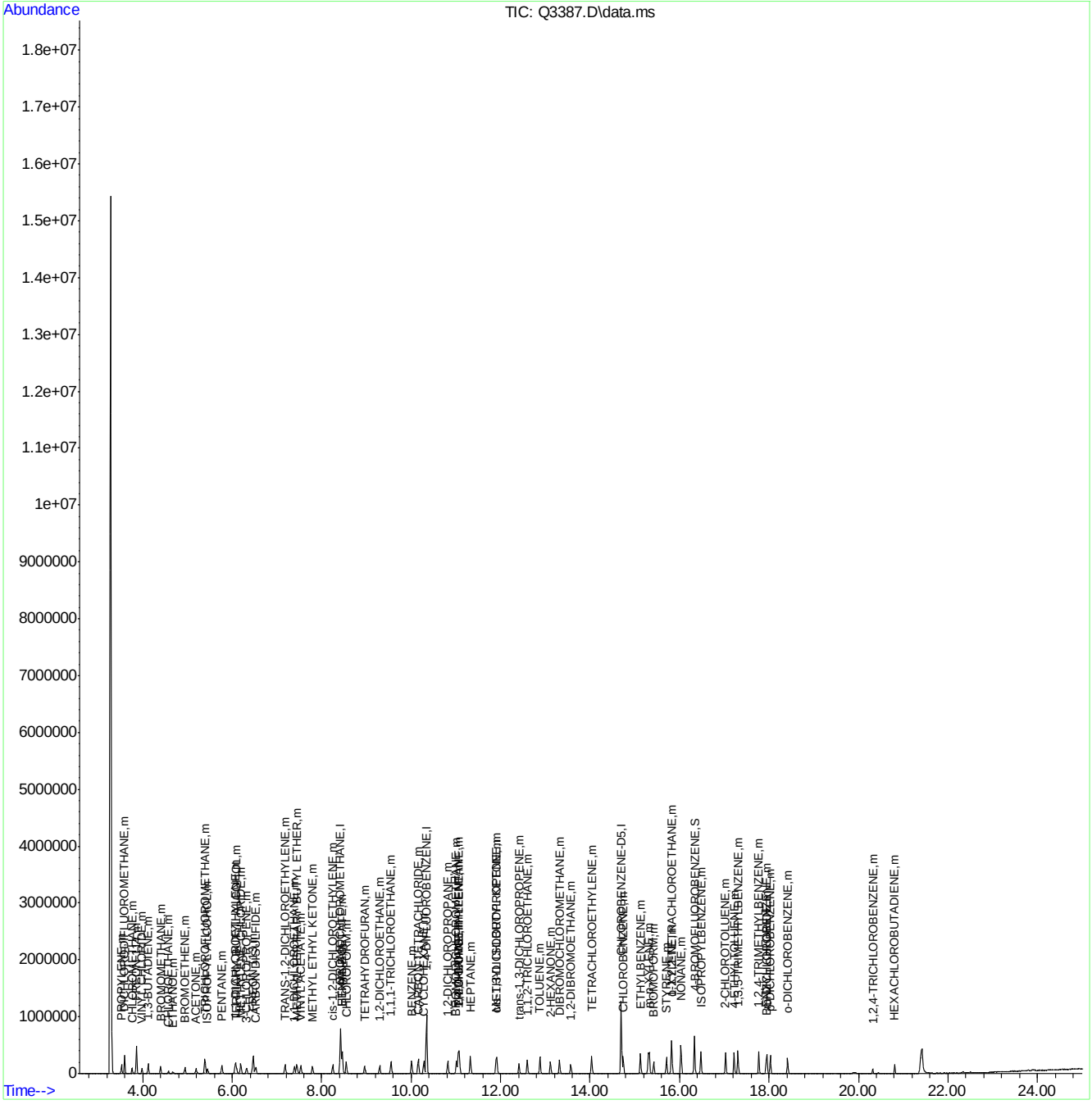
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.915	43	190844	2.13	PPBV	93
45) cis-1,3-DICHLOROPROPENE	11.897	75	86189	1.87	PPBV	99
46) TOLUENE	12.882	92	94014	1.91	PPBV	96
47) trans-1,3-DICHLOROPROPENE	12.412	75	73578	1.75	PPBV #	99
48) 1,1,2-TRICHLOROETHANE	12.597	83	56902	2.05	PPBV	91
50) 2-HEXANONE	13.113	43	156095	1.97	PPBV	96
51) TETRACHLOROETHYLENE	14.036	164	46283	1.55	PPBV #	80
52) DIBROMOCHLOROMETHANE	13.313	129	106166	1.66	PPBV	99
53) 1,2-DIBROMOETHANE	13.566	107	98508	1.81	PPBV	99
54) CHLOROBENZENE	14.740	112	125797	1.86	PPBV	90
55) ETHYLBENZENE	15.126	91	218178	1.85	PPBV	94
56) m,p-XYLENE	15.321	106	150900m	3.48	PPBV	
57) o-XYLENE	15.827	106	74275	1.68	PPBV	90
58) STYRENE	15.708	104	104058	1.66	PPBV	98
59) NONANE	16.034	43	217176	2.23	PPBV	82
60) BROMOFORM	15.418	173	76195	1.38	PPBV	98
62) 1,1,2,2-TETRACHLOROETHANE	15.819	83	131599	1.80	PPBV	95
63) ISOPROPYLBENZENE	16.478	105	220668	1.73	PPBV	96
64) 2-CHLOROTOLUENE	17.030	91	171650	1.73	PPBV	92
65) 4-ETHYLTOLUENE	17.222	105	191946	1.63	PPBV	92
66) 1,3,5-TRIMETHYLBENZENE	17.303	105	177757	1.63	PPBV	93
67) 1,2,4-TRIMETHYLBENZENE	17.770	105	164475	1.52	PPBV	92
68) m-DICHLOROBENZENE	17.955	146	90859	1.37	PPBV	94
69) BENZYL CHLORIDE	17.931	91	108545	1.29	PPBV	92
70) p-DICHLOROBENZENE	18.029	146	89910	1.41	PPBV	93
71) o-DICHLOROBENZENE	18.416	146	74132	1.29	PPBV	93
72) HEXACHLOROBUTADIENE	20.808	225	13993	1.10	PPBV	97
73) 1,2,4-TRICHLOROBENZENE	20.322	180	14039	1.75	PPBV	97

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3387.D
Acq On : 15 May 2007 5:12 pm
Operator : PhilipB
Sample : IC185-2 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 15 17:38:39 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 16:13:49 2007
Response via : Initial Calibration



Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3387.D
Acq On    : 15 May 2007   5:12 pm
Operator  : PhilipB
Sample    : IC185-2 (M060)
Misc      : MS13535,MSQ185,,,,,1
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: May 15 17:38:09 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 16:13:49 2007
Response via : Initial Calibration
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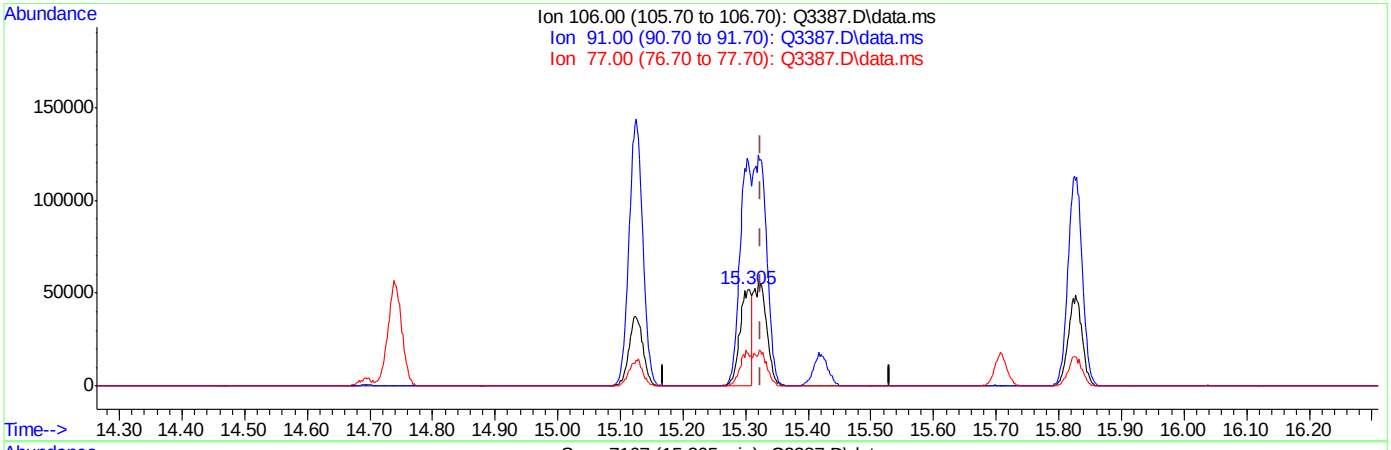
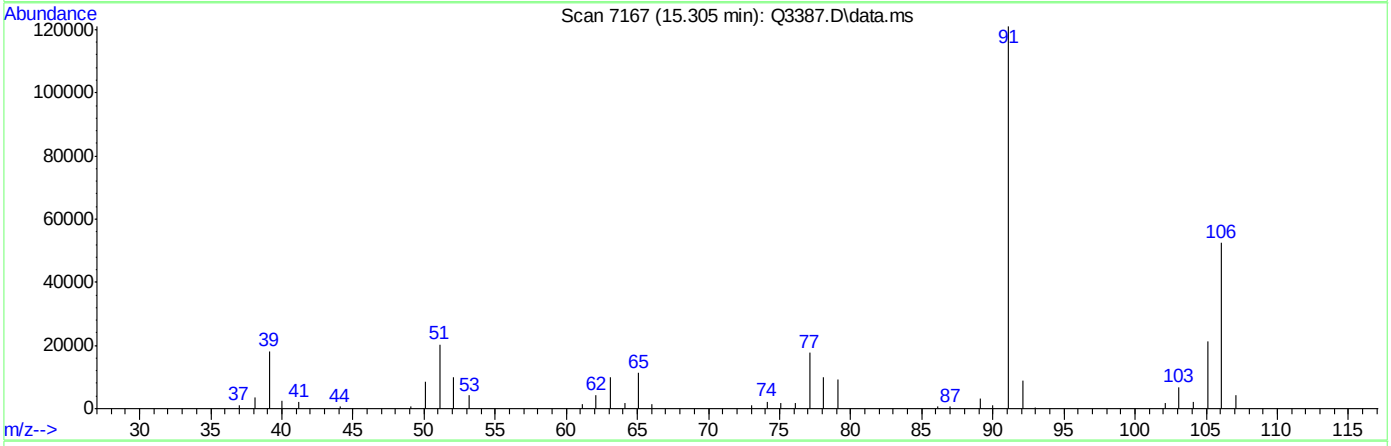




TIC: Q3387.D\data.ms

(56) m,p-XYLENE (m)

15.305min (-0.019) 1.61PPBV

response 69695

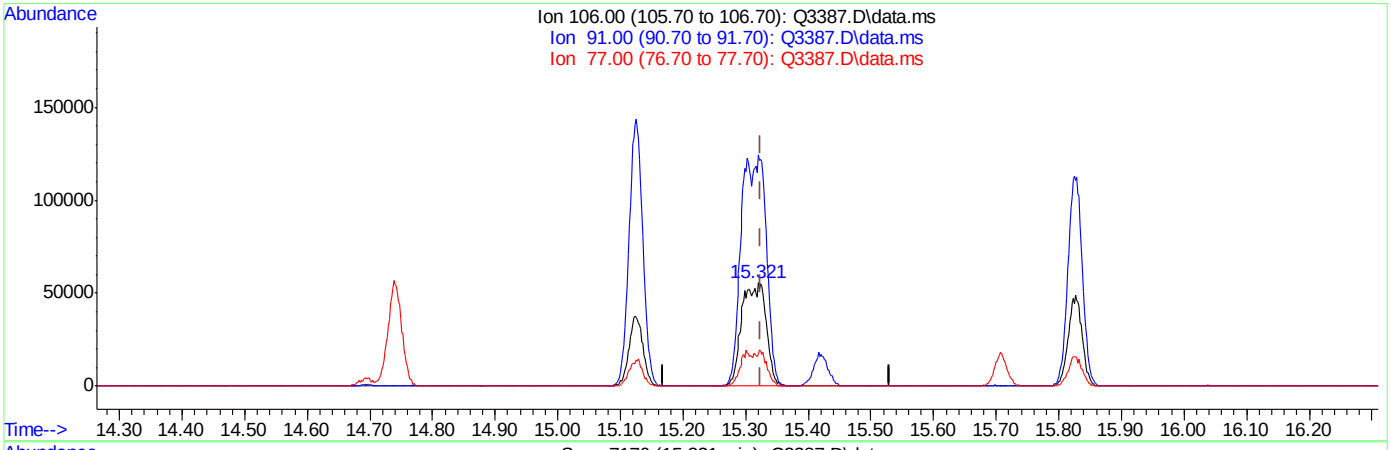
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	231.05
77.00	30.60	33.87
0.00	0.00	0.00

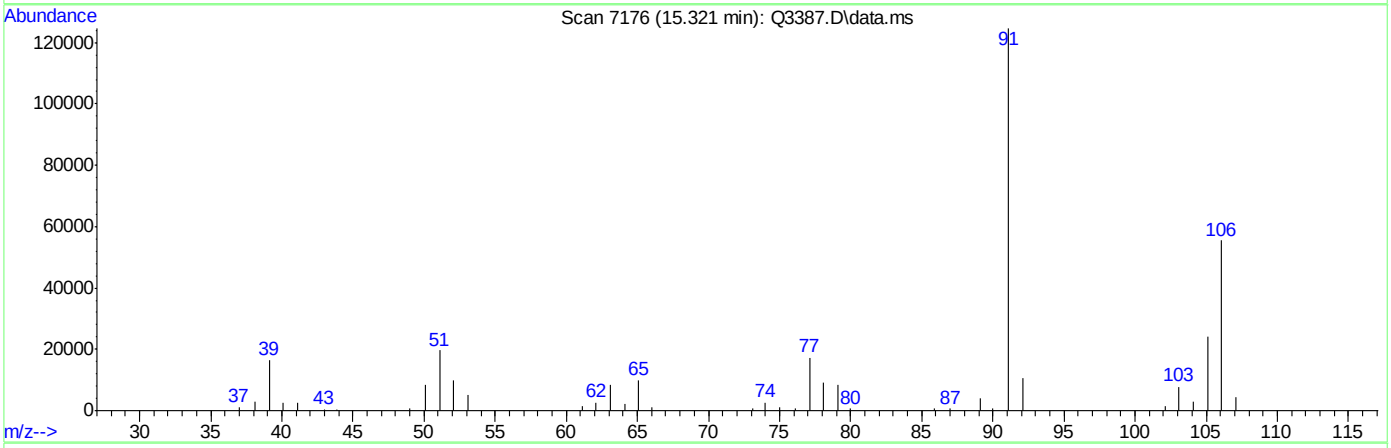
ACCUTEST Laboratories M64901

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3387.D
Acq On : 15 May 2007 5:12 pm
Operator : PhilipB
Sample : IC185-2 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 15 17:38:09 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 16:13:49 2007
Response via : Initial Calibration





TIC: Q3387.D\data.ms

(56) m,p-XYLENE (m)

15.321min (-0.004) 3.48PPBV m

response 150900

Ion	Exp%	Act%
106.00	100	100
91.00	204.20	224.73
77.00	30.60	31.22
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
05/16/07 18:03

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3389.D
Acq On : 15 May 2007 6:37 pm
Operator : PhilipB
Sample : IC185-.2(M044)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 15 19:01:14 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 18:28:40 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.419	128	89822	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.342	114	448955	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.694	117	361598	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.332	95	152465	5.13	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 102.60%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	3.593	85	13893	0.21	PPBV	84
3) PROPYLENE	3.522	41	5278	0.26	PPBV #	77
4) FREON 114	3.857	85	13394	0.21	PPBV #	100
5) CHLOROMETHANE	3.760	50	5951	0.23	PPBV	78
6) VINYL CHLORIDE	3.985	62	4878	0.22	PPBV	74
7) 1,3-BUTADIENE	4.118	39	5931	0.31	PPBV #	100
8) BROMOMETHANE	4.399	94	3705	0.18	PPBV #	100
9) CHLOROETHANE	4.569	64	1930m	0.20	PPBV	
10) TRICHLOROFLUOROMETHANE	5.385	101	15250	0.23	PPBV #	100
11) ISOPROPYL ALCOHOL	5.449	45	15779	0.45	PPBV	93
12) ACETONE	5.192	43	15719	0.46	PPBV #	77
13) PENTANE	5.767	42	5780	0.35	PPBV #	100
14) 1,1-DICHLOROETHYLENE	6.074	96	3740	0.20	PPBV #	12
15) CARBON DISULFIDE	6.520	76	9661	0.22	PPBV #	30
16) ETHANOL	4.677	45	4543	0.53	PPBV	100
17) BROMOETHENE	4.935	106	3981	0.19	PPBV #	100
18) METHYLENE CHLORIDE	6.189	84	7955	0.40	PPBV #	1
19) 3-CHLOROPROPENE	6.312	39	4493	0.31	PPBV #	1
20) FREON 113	6.465	151	8059	0.21	PPBV #	100
21) TRANS-1,2-DICHLOROETHY...	7.178	96	3704	0.21	PPBV #	100
22) TERTIARY BUTYL ALCOHOL	6.104	59	9432	0.27	PPBV #	100
23) METHYL TERTIARY BUTYL ...	7.451	73	9104	0.23	PPBV	100
24) TETRAHYDROFURAN	8.979	42	5208	0.20	PPBV	100
25) HEXANE	8.463	57	6272	0.23	PPBV #	100
26) VINYL ACETATE	7.531	43	9146	0.22	PPBV	75
27) 1,1-DICHLOROETHANE	7.396	63	7472	0.23	PPBV #	100
28) METHYL ETHYL KETONE	7.799	43	12311	0.24	PPBV	76
29) cis-1,2-DICHLOROETHYLENE	8.245	96	2293	0.15	PPBV #	100
30) ETHYL ACETATE	8.466	43	18708	0.24	PPBV #	100
31) CHLOROFORM	8.543	83	8897	0.22	PPBV #	100
32) 1,1,1-TRICHLOROETHANE	9.549	97	7764m	0.19	PPBV	
33) CARBON TETRACHLORIDE	10.152	117	8027	0.18	PPBV	92
34) 1,2-DICHLOROETHANE	9.299	62	6574	0.20	PPBV #	98
36) BENZENE	10.011	78	8420	0.18	PPBV	97
37) CYCLOHEXANE	10.275	84	2220	0.14	PPBV #	19
38) TRICHLOROETHYLENE	11.051	95	3516	0.14	PPBV #	75
39) 1,2-DICHLOROPROPANE	10.813	63	3945	0.17	PPBV #	52
40) BROMODICHLOROMETHANE	11.013	83	7185	0.17	PPBV	93
41) 2,2,4-TRIMETHYLPENTANE	11.068	57	17081	0.16	PPBV #	94
42) 1,4-DIOXANE	11.056	88	1587	0.17	PPBV #	1
43) HEPTANE	11.324	43	6671	0.15	PPBV #	66

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3389.D
Acq On : 15 May 2007 6:37 pm
Operator : PhilipB
Sample : IC185-.2(M044)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 15 19:01:14 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 18:28:40 2007
Response via : Initial Calibration

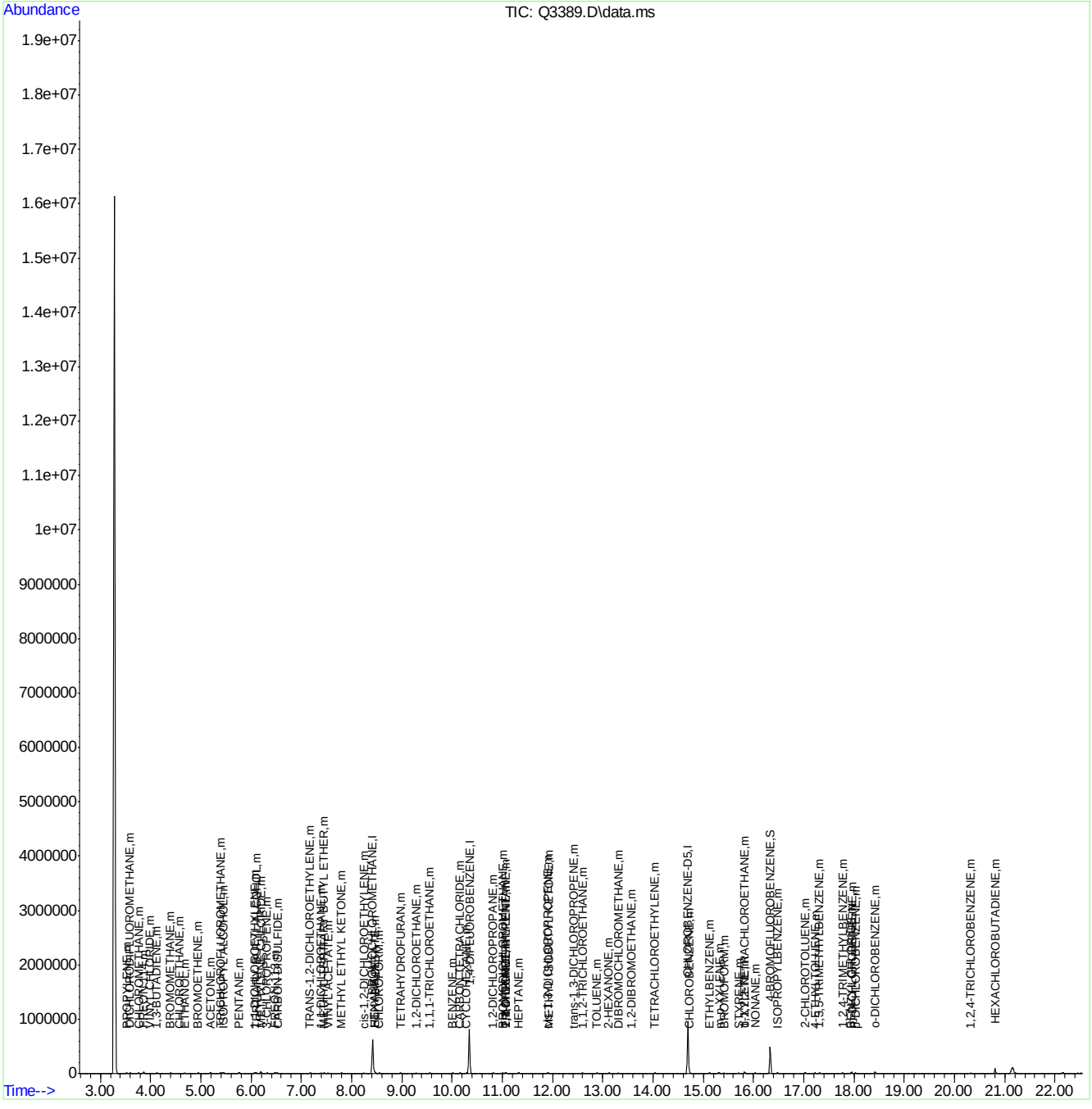
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) METHYL ISOBUTYL KETONE	11.920	43	9555	0.15	PPBV		84
45) cis-1,3-DICHLOROPROPENE	11.895	75	4173	0.14	PPBV		93
46) TOLUENE	12.884	92	4089	0.12	PPBV	#	81
47) trans-1,3-DICHLOROPROPENE	12.412	75	2997	0.11	PPBV	#	80
48) 1,1,2-TRICHLOROETHANE	12.593	83	3083	0.16	PPBV		90
50) 2-HEXANONE	13.118	43	10136	0.19	PPBV	#	83
51) TETRACHLOROETHYLENE	14.029	164	1868	0.11	PPBV	#	55
52) DIBROMOCHLOROMETHANE	13.315	129	5272	0.14	PPBV		96
53) 1,2-DIBROMOETHANE	13.567	107	4975	0.15	PPBV	#	90
54) CHLOROBENZENE	14.737	112	6120	0.15	PPBV		85
55) ETHYLBENZENE	15.131	91	9941	0.14	PPBV		83
56) m,p-XYLENE	15.324	106	6463m	0.25	PPBV		
57) o-XYLENE	15.825	106	3584	0.14	PPBV		89
58) STYRENE	15.706	104	3255	0.09	PPBV		98
59) NONANE	16.032	43	11082	0.17	PPBV	#	72
60) BROMOFORM	15.425	173	3903	0.13	PPBV	#	72
62) 1,1,2,2-TETRACHLOROETHANE	15.818	83	9968	0.21	PPBV		92
63) ISOPROPYLBENZENE	16.476	105	11414	0.15	PPBV		91
64) 2-CHLOROTOLUENE	17.028	91	9634	0.16	PPBV		89
65) 4-ETHYLTOLUENE	17.218	105	9884m	0.14	PPBV		
66) 1,3,5-TRIMETHYLBENZENE	17.307	105	11175	0.17	PPBV		91
67) 1,2,4-TRIMETHYLBENZENE	17.772	105	10547	0.16	PPBV		90
68) m-DICHLOROBENZENE	17.956	146	6379	0.17	PPBV		94
69) BENZYL CHLORIDE	17.931	91	7819	0.16	PPBV		87
70) p-DICHLOROBENZENE	18.031	146	4813	0.13	PPBV		89
71) o-DICHLOROBENZENE	18.414	146	7856	0.23	PPBV		91
72) HEXACHLOROBUTADIENE	20.806	225	7693	0.62	PPBV		96
73) 1,2,4-TRICHLOROBENZENE	20.317	180	2282	0.37	PPBV		85

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3389.D
Acq On : 15 May 2007 6:37 pm
Operator : PhilipB
Sample : IC185-.2(M044)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 2 Sample Multiplier: 1

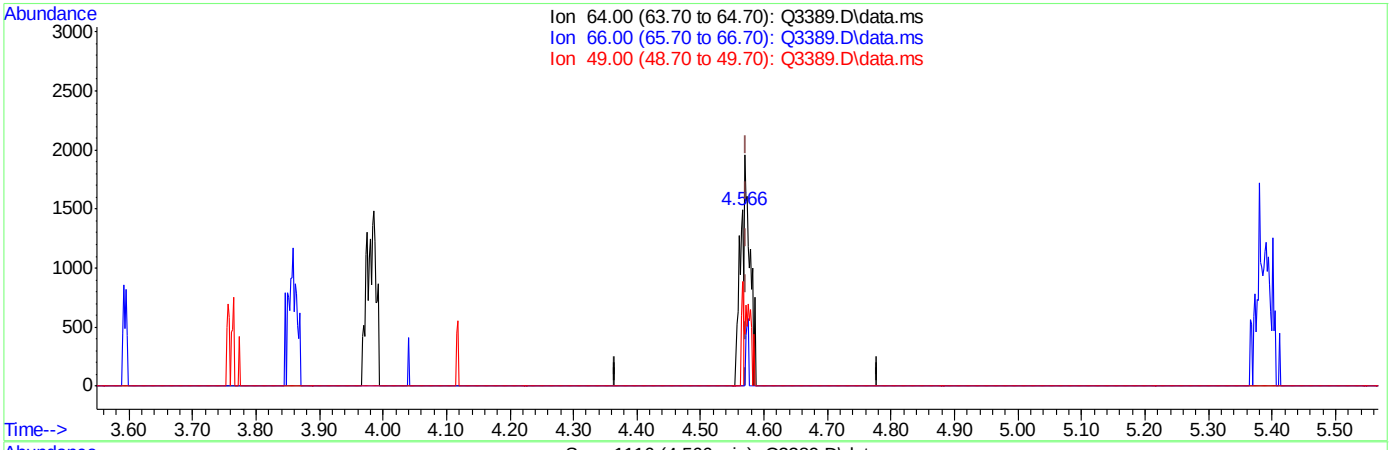
Quant Time: May 15 19:01:14 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 18:28:40 2007
Response via : Initial Calibration

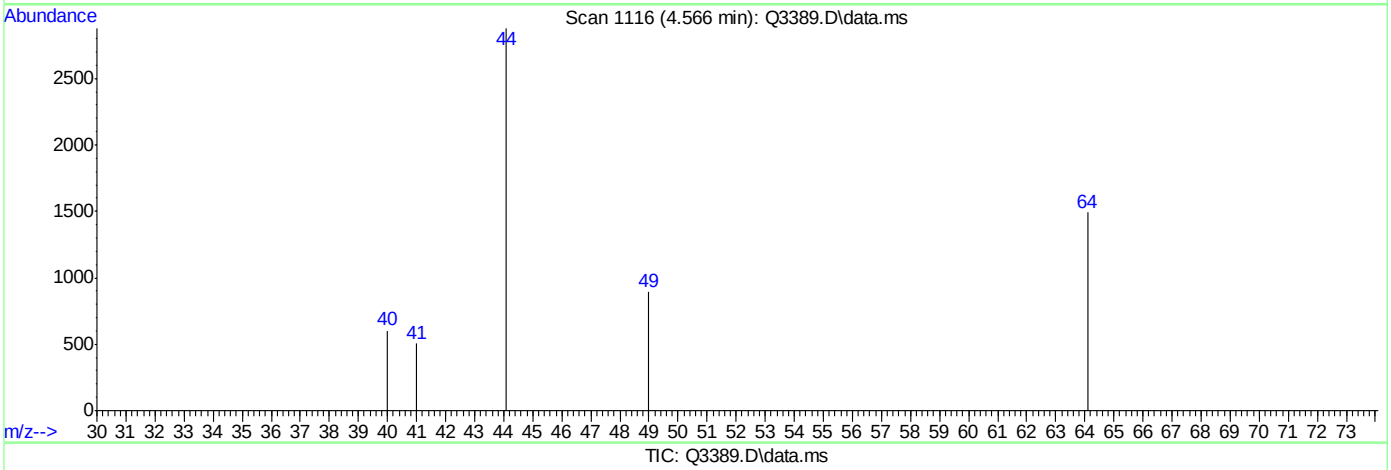


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3389.D
Acq On : 15 May 2007 6:37 pm
Operator : PhilipB
Sample : IC185-.2(M044)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 15 19:00:24 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 18:28:40 2007
Response via : Initial Calibration





TIC: Q3389.D\data.ms

(9) CHLOROETHANE (m)

4.566min (-0.007) 0.08PPBV

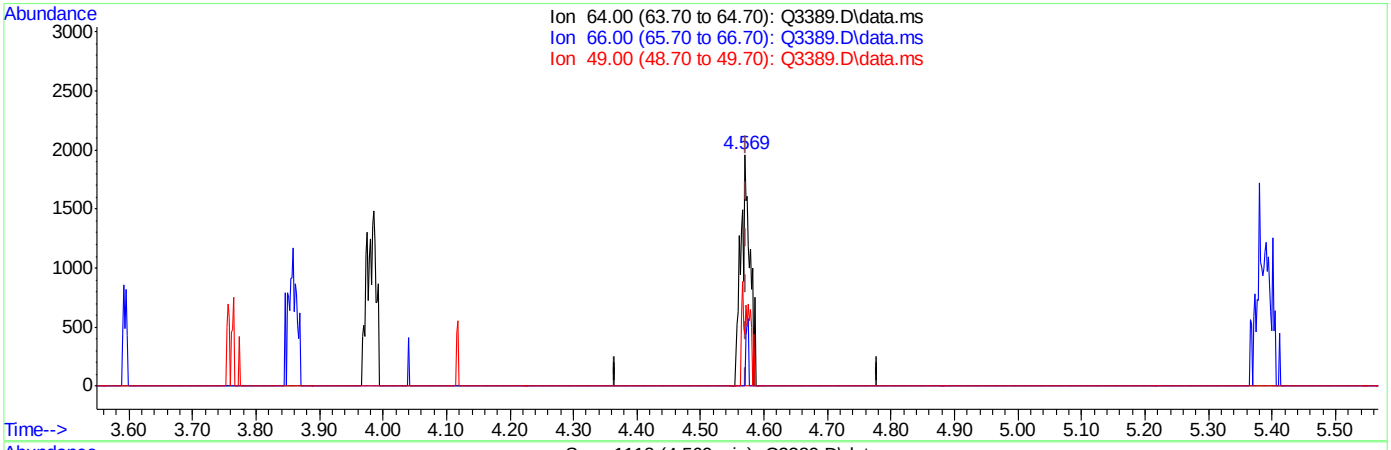
response 754

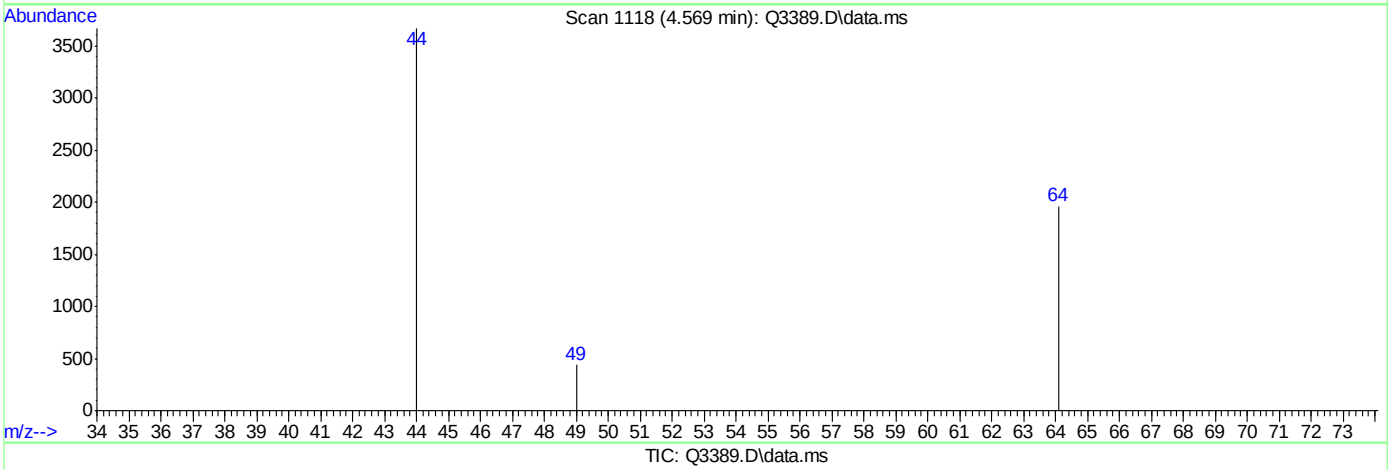
Ion	Exp%	Act%
64.00	100	100
66.00	0.00	21.49#
49.00	0.00	91.11#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3389.D
Acq On : 15 May 2007 6:37 pm
Operator : PhilipB
Sample : IC185-.2(M044)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 15 19:00:24 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 18:28:40 2007
Response via : Initial Calibration





TIC: Q3389.D\data.ms

(9) CHLOROETHANE (m)

4.569min (-0.004) 0.20PPBV m

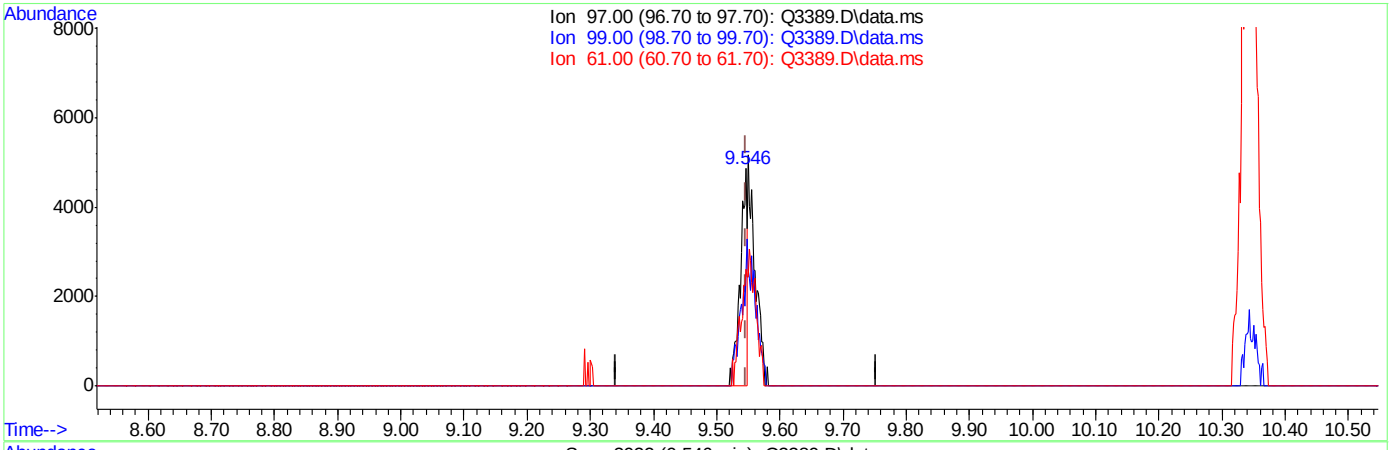
response 1930

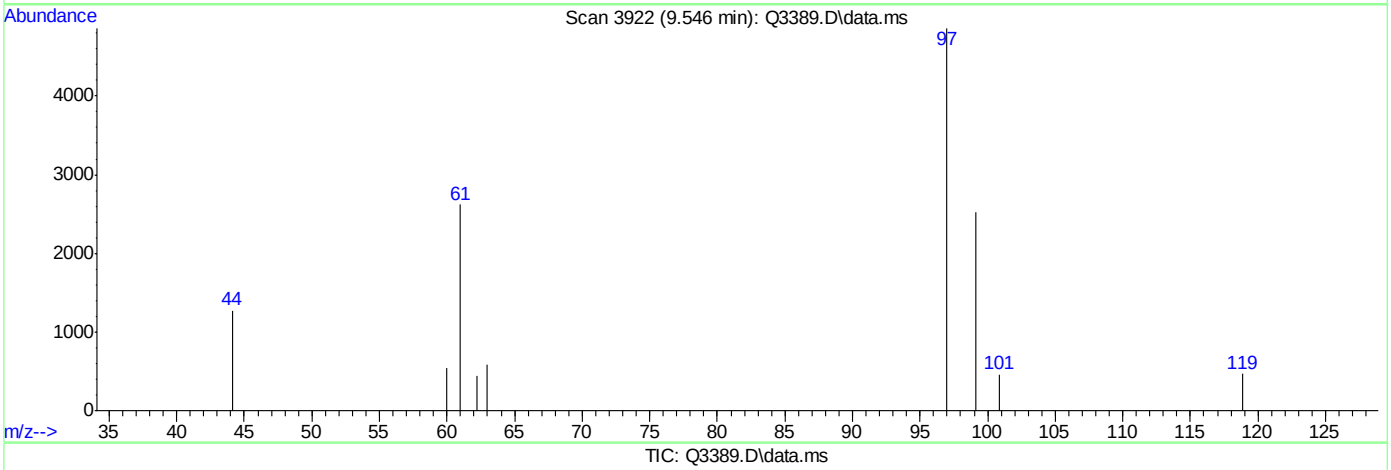
Ion	Exp%	Act%
64.00	100	100
66.00	0.00	8.39
49.00	0.00	35.60#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3389.D
Acq On : 15 May 2007 6:37 pm
Operator : PhilipB
Sample : IC185-.2(M044)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 15 19:00:24 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 18:28:40 2007
Response via : Initial Calibration





TIC: Q3389.D\data.ms

(32) 1,1,1-TRICHLOROETHANE (m)

9.546min (-0.002) 0.09PPBV

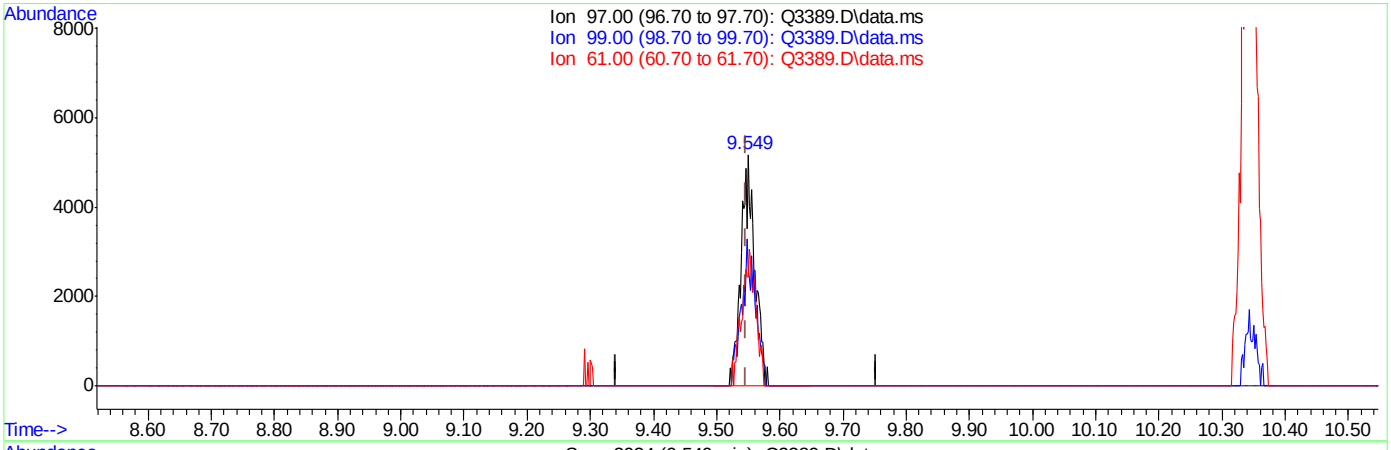
response 3655

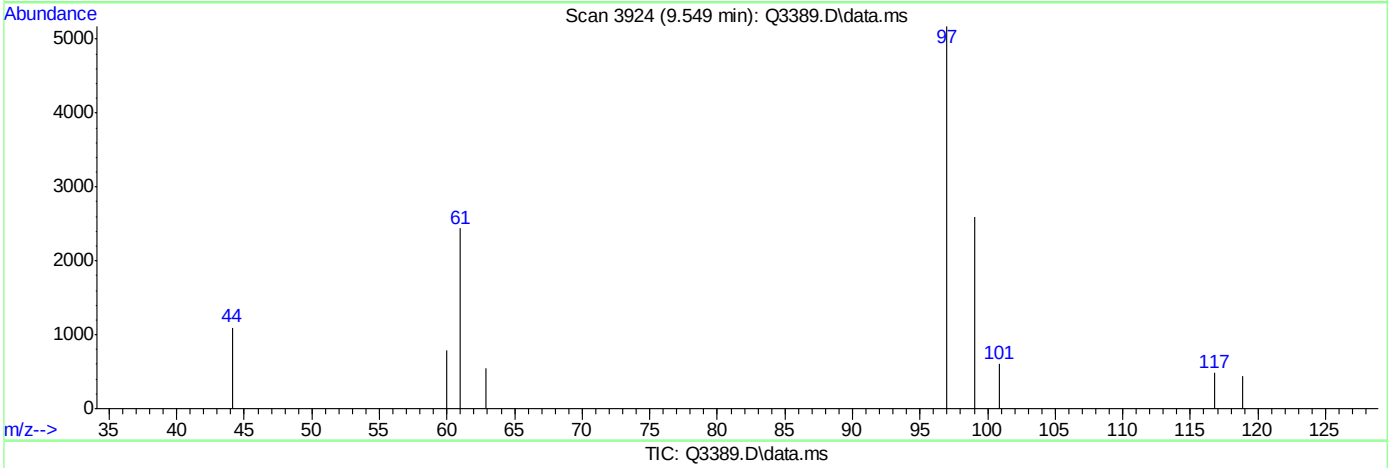
Ion	Exp%	Act%
97.00	100	100
99.00	63.00	135.62#
61.00	38.00	128.56#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3389.D
Acq On : 15 May 2007 6:37 pm
Operator : PhilipB
Sample : IC185-.2(M044)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 15 19:00:24 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 18:28:40 2007
Response via : Initial Calibration





TIC: Q3389.D\data.ms

(32) 1,1,1-TRICHLOROETHANE (m)

9.549min (+0.002) 0.19PPBV m

response 7764

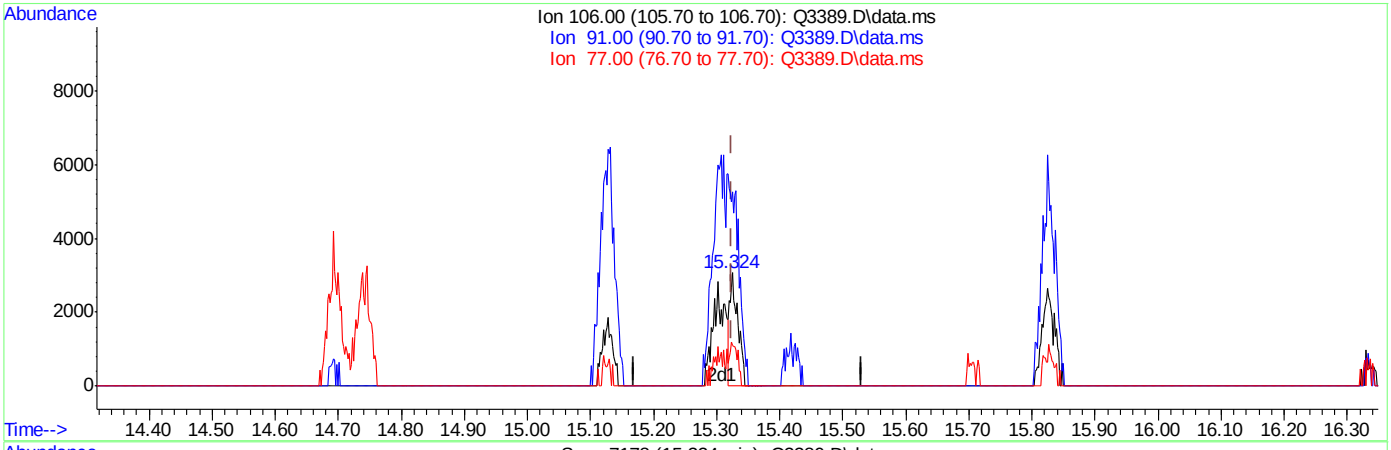
Ion	Exp%	Act%
97.00	100	100
99.00	63.00	63.85
61.00	38.00	60.52#
0.00	0.00	0.00

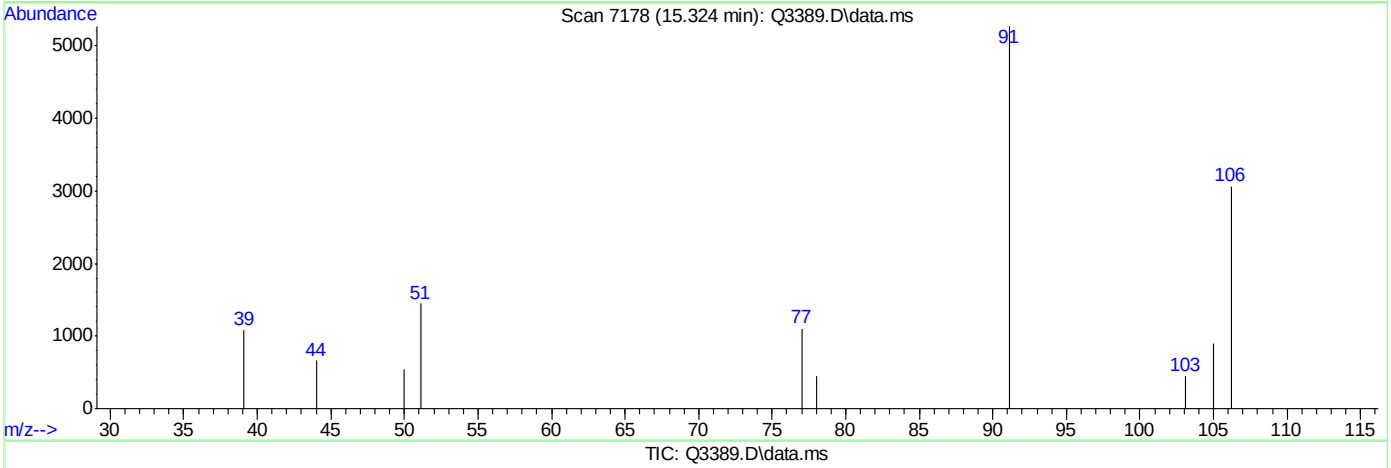
ACCUTEST Laboratories M64901

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3389.D
Acq On : 15 May 2007 6:37 pm
Operator : PhilipB
Sample : IC185-.2(M044)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 15 19:00:24 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 18:28:40 2007
Response via : Initial Calibration





TIC: Q3389.D\data.ms

(56) m,p-XYLENE (m)

15.324min (-0.000) 0.11PPBV

response 2752

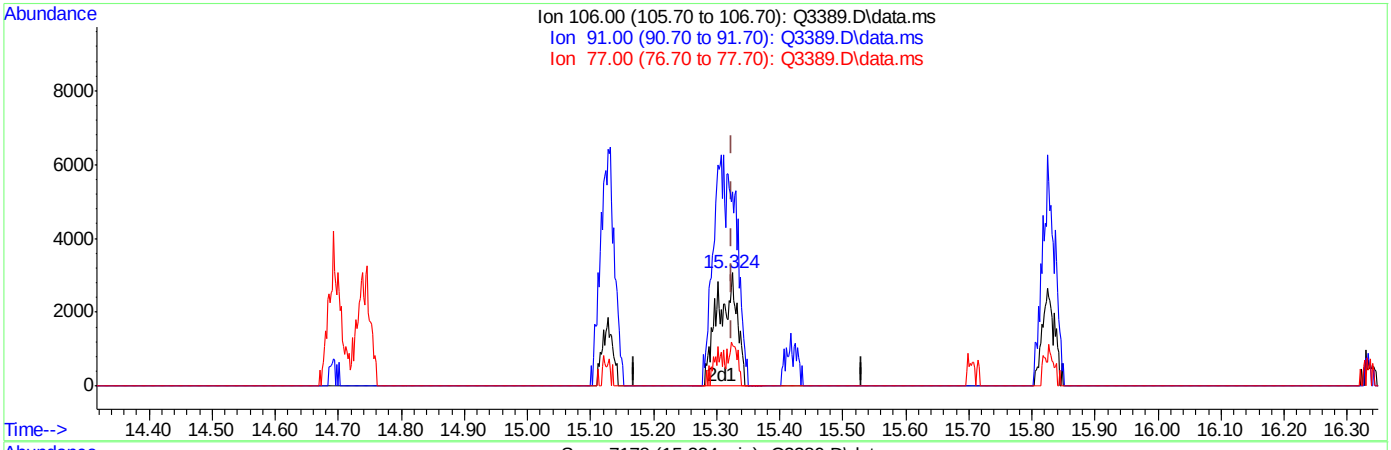
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	171.91
77.00	30.60	35.92
0.00	0.00	0.00

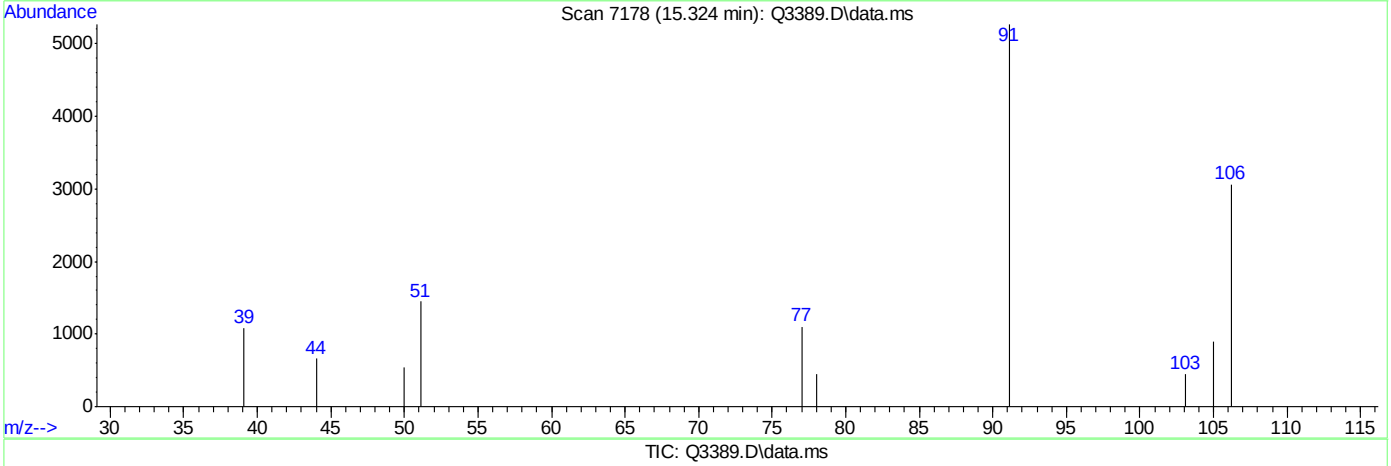
ACCUTEST Laboratories M64901

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3389.D
Acq On : 15 May 2007 6:37 pm
Operator : PhilipB
Sample : IC185-.2(M044)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 15 19:00:24 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 18:28:40 2007
Response via : Initial Calibration





TIC: Q3389.D\data.ms

(56) m,p-XYLENE (m)

15.324min (-0.000) 0.25PPBV m

response 6463

Ion	Exp%	Act%
106.00	100	100
91.00	204.20	171.91
77.00	30.60	35.92
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3389.D
Acq On    : 15 May 2007   6:37 pm
Operator  : PhilipB
Sample    : IC185-.2(M044)
Misc      : MS13535,MSQ185,,,,,1
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: May 15 19:00:24 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 18:28:40 2007
Response via : Initial Calibration
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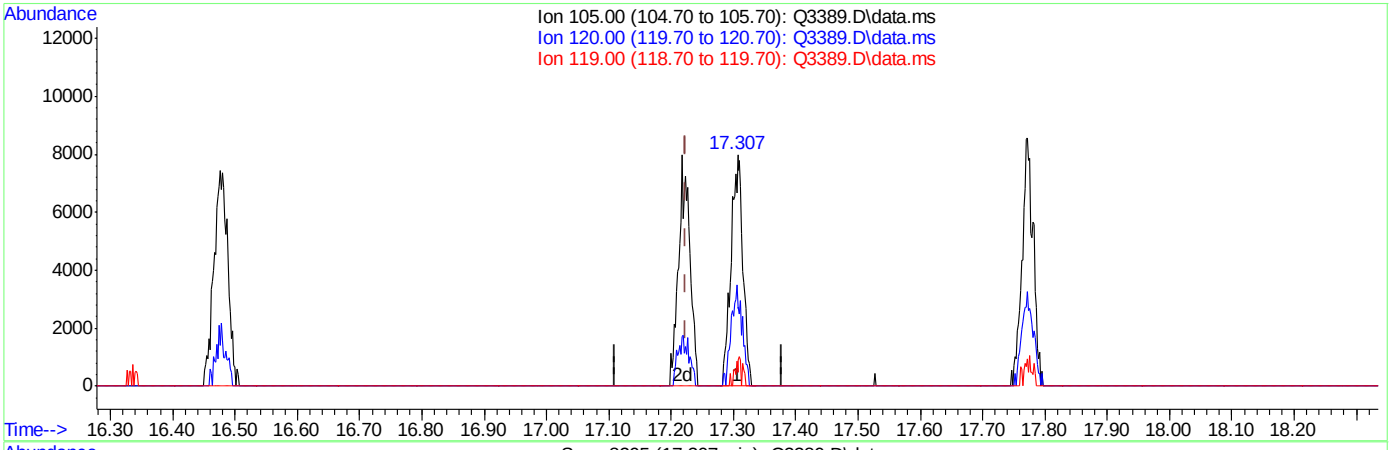
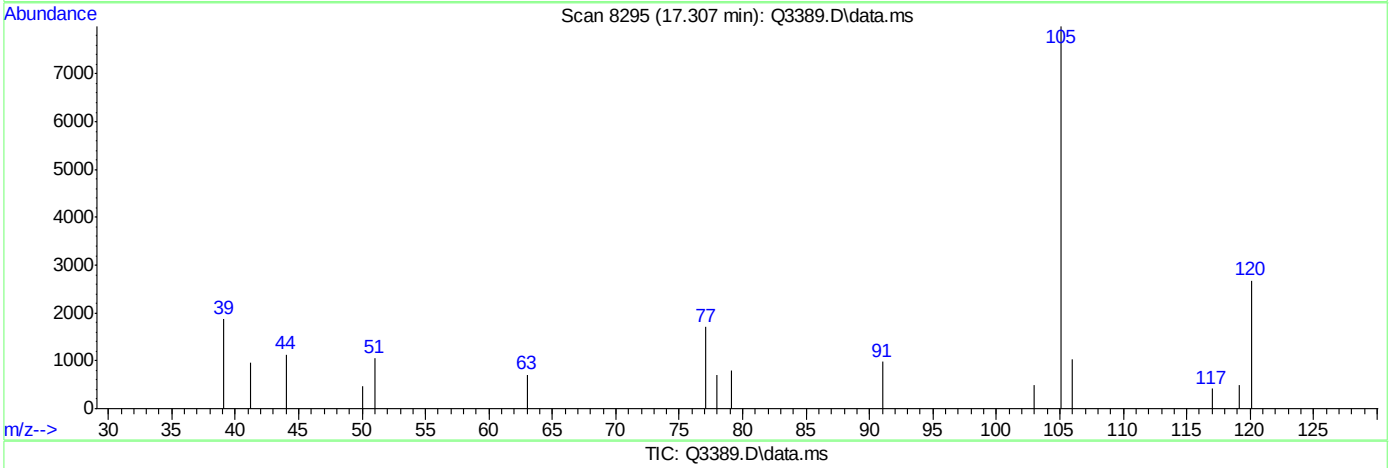




TIC: Q3389.D\data.ms

(65) 4-ETHYLTOLUENE (m)

17.307min (+0.083) 0.16PPBV

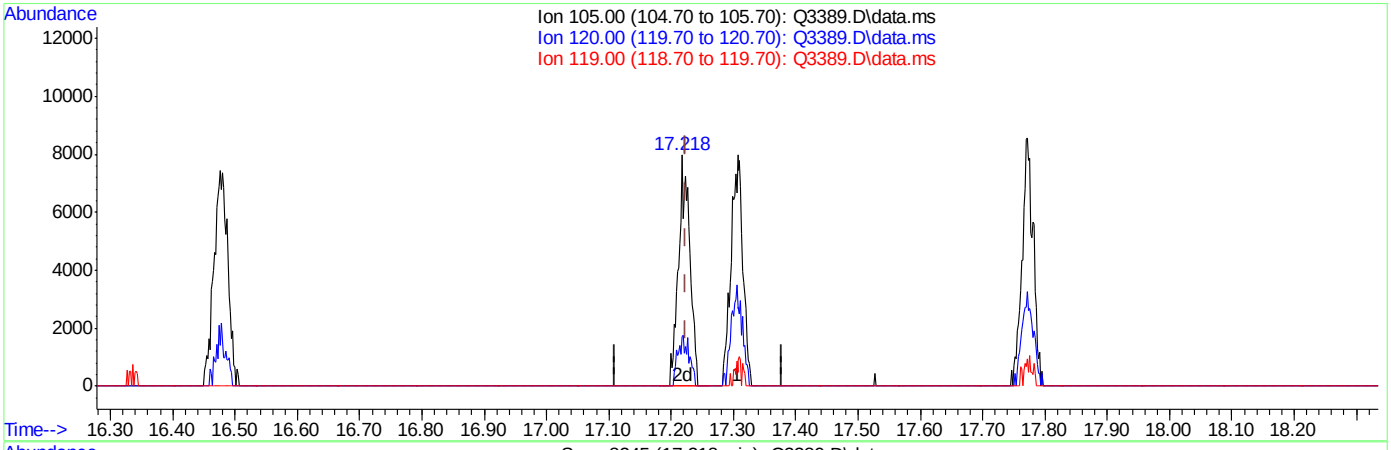
response 11178

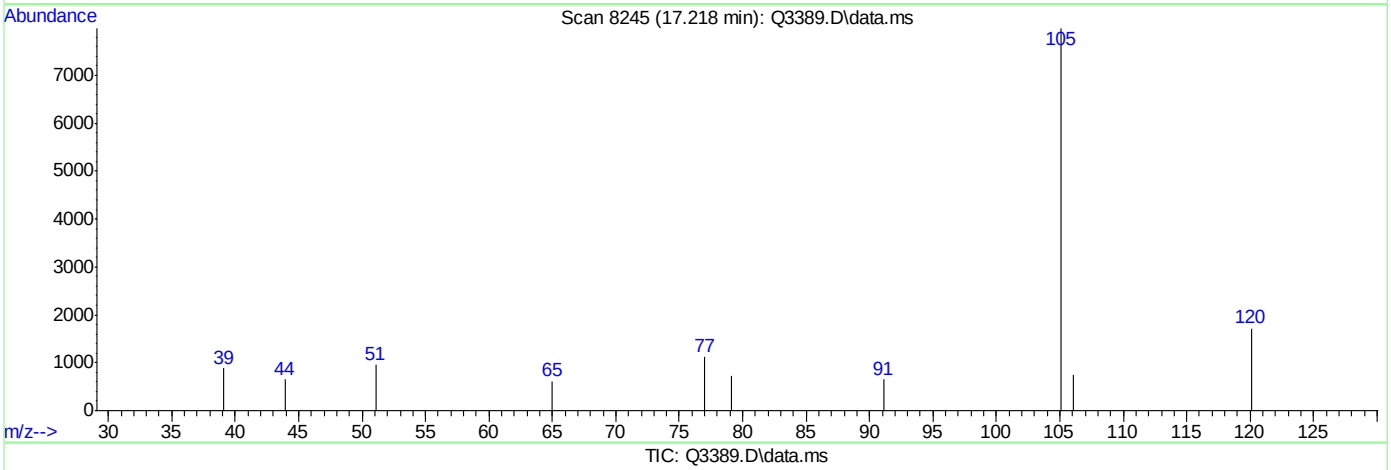
Ion	Exp%	Act%
105.00	100	100
120.00	30.20	40.09
119.00	2.30	7.57
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3389.D
Acq On : 15 May 2007 6:37 pm
Operator : PhilipB
Sample : IC185-.2(M044)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 15 19:00:24 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 18:28:40 2007
Response via : Initial Calibration





TIC: Q3389.D\data.ms

(65) 4-ETHYLTOLUENE (m)

17.218min (-0.005) 0.14PPBV m

response 9884

Ion	Exp%	Act%
105.00	100	100
120.00	30.20	45.34
119.00	2.30	8.56
0.00	0.00	0.00

ACCUTEST Laboratories M64901

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3390.D
Acq On : 15 May 2007 7:16 pm
Operator : PhilipB
Sample : IC185-40 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 15 19:45:44 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 19:01:44 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.429	128	94425	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.350	114	443847	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.701	117	420269	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.340	95	183630	5.30	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 106.00%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	3.595	85	2411405	33.93	PPBV	84
3) PROPYLENE	3.524	41	740306	33.53	PPBV	87
4) FREON 114	3.859	85	2314983	33.64	PPBV #	100
5) CHLOROMETHANE	3.762	50	947674	34.03	PPBV	95
6) VINYL CHLORIDE	3.984	62	798650	33.71	PPBV	72
7) 1,3-BUTADIENE	4.124	39	926261	41.86	PPBV #	100
8) BROMOMETHANE	4.401	94	708158	32.75	PPBV #	100
9) CHLOROETHANE	4.575	64	355314	35.12	PPBV #	100
10) TRICHLOROFLUOROMETHANE	5.393	101	2899853	40.08	PPBV #	100
11) ISOPROPYL ALCOHOL	5.453	45	1697334	37.83	PPBV	95
12) ACETONE	5.190	43	1613631	37.04	PPBV #	76
13) PENTANE	5.771	42	846475	42.92	PPBV #	100
14) 1,1-DICHLOROETHYLENE	6.072	96	768411	39.77	PPBV #	17
15) CARBON DISULFIDE	6.527	76	1967532	41.80	PPBV	67
16) ETHANOL	4.679	45	350355	30.39	PPBV #	100
17) BROMOETHENE	4.946	106	742966	33.62	PPBV #	100
18) METHYLENE CHLORIDE	6.199	84	639575	26.41	PPBV #	1
19) 3-CHLOROPROPENE	6.326	39	731614	44.28	PPBV #	1
20) FREON 113	6.475	151	1637624	40.67	PPBV #	100
21) TRANS-1,2-DICHLOROETHY...	7.187	96	795508	42.91	PPBV #	100
22) TERTIARY BUTYL ALCOHOL	6.103	59	1421577	36.25	PPBV #	100
23) METHYL TERTIARY BUTYL ...	7.446	73	1827019	42.68	PPBV #	100
24) TETRAHYDROFURAN	8.956	42	1197571	43.49	PPBV #	100
25) HEXANE	8.463	57	1317396	44.71	PPBV #	100
26) VINYL ACETATE	7.540	43	1772507	40.39	PPBV	92
27) 1,1-DICHLOROETHANE	7.396	63	1492170	42.53	PPBV #	100
28) METHYL ETHYL KETONE	7.799	43	2295908	41.48	PPBV	86
29) cis-1,2-DICHLOROETHYLENE	8.255	96	604111	40.12	PPBV #	100
30) ETHYL ACETATE	8.470	43	4066374	47.30	PPBV	100
31) CHLOROFORM	8.559	83	1709975	39.62	PPBV #	100
32) 1,1,1-TRICHLOROETHANE	9.555	97	1821365	42.32	PPBV	90
33) CARBON TETRACHLORIDE	10.163	117	2114241	45.65	PPBV	93
34) 1,2-DICHLOROETHANE	9.303	62	1455247	42.13	PPBV	100
36) BENZENE	10.018	78	1777208	38.98	PPBV	88
37) CYCLOHEXANE	10.289	84	635655	41.48	PPBV #	31
38) TRICHLOROETHYLENE	11.058	95	1195883	49.88	PPBV	90
39) 1,2-DICHLOROPROPANE	10.825	63	851675	38.76	PPBV #	64
40) BROMODICHLOROMETHANE	11.019	83	1816877	43.71	PPBV	97
41) 2,2,4-TRIMETHYLPENTANE	11.079	57	4840021	47.48	PPBV	95
42) 1,4-DIOXANE	11.045	88	400679	43.89	PPBV #	46
43) HEPTANE	11.329	43	1998678	46.88	PPBV #	76

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3390.D
Acq On : 15 May 2007 7:16 pm
Operator : PhilipB
Sample : IC185-40 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 15 19:45:44 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 19:01:44 2007
Response via : Initial Calibration

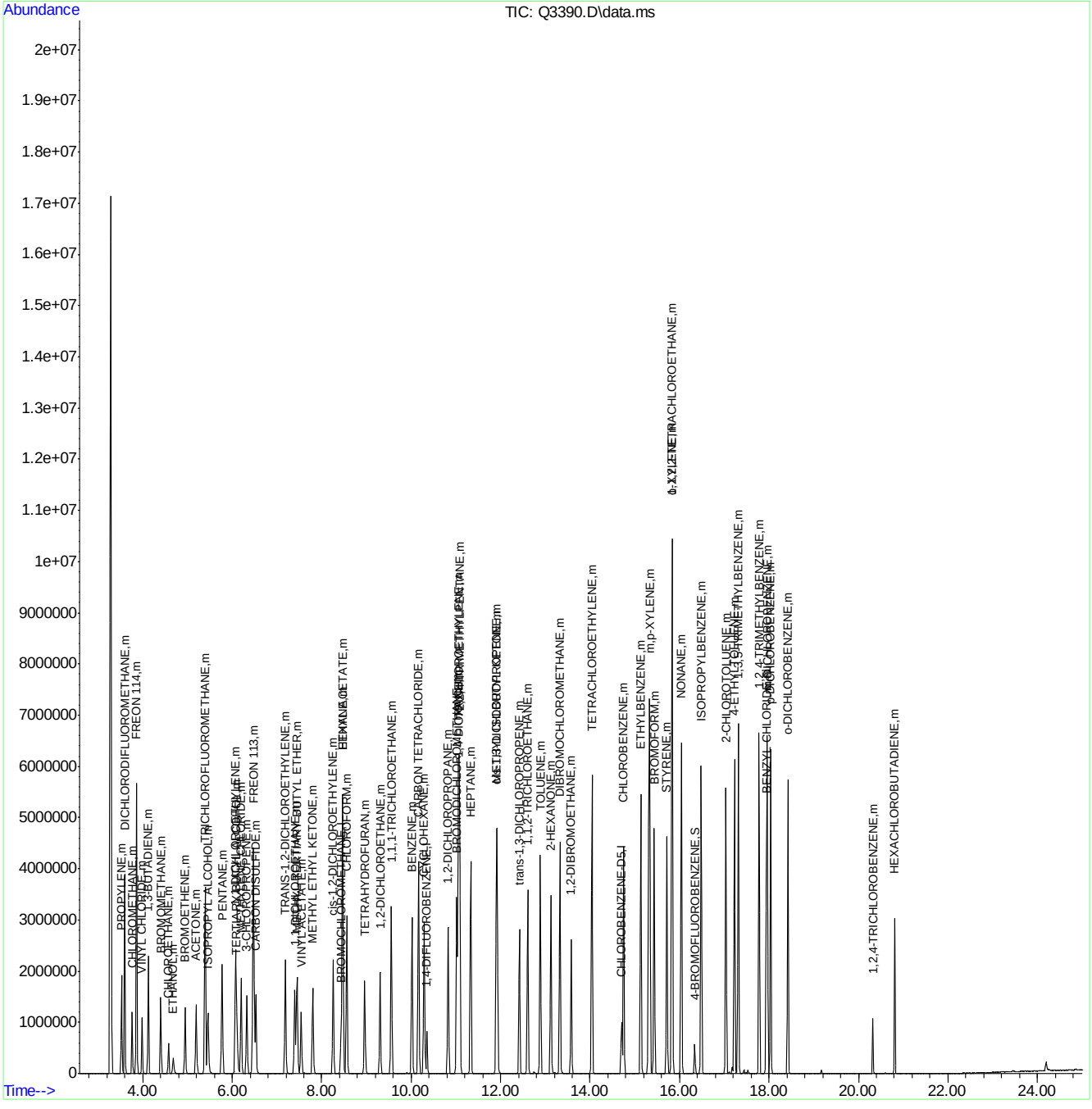
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.922	43	3109213	51.50	PPBV	93
45) cis-1,3-DICHLOROPROPENE	11.903	75	1374944	48.12	PPBV	98
46) TOLUENE	12.888	92	1399160	45.88	PPBV	98
47) trans-1,3-DICHLOROPROPENE	12.419	75	1198707	48.51	PPBV #	98
48) 1,1,2-TRICHLOROETHANE	12.605	83	787836	42.54	PPBV	94
50) 2-HEXANONE	13.122	43	2687731	44.14	PPBV	96
51) TETRACHLOROETHYLENE	14.039	164	932010	50.66	PPBV	89
52) DIBROMOCHLOROMETHANE	13.324	129	2036484	49.16	PPBV	98
53) 1,2-DIBROMOETHANE	13.578	107	1561798	42.51	PPBV	98
54) CHLOROBENZENE	14.748	112	1889176	41.31	PPBV	95
55) ETHYLBENZENE	15.133	91	3401967	43.21	PPBV	96
56) m,p-XYLENE	15.333	106	2906038	103.35	PPBV	94
57) o-XYLENE	15.834	106	1468856	50.82	PPBV	99
58) STYRENE	15.715	104	1789384	47.30	PPBV	98
59) NONANE	16.041	43	2789513	37.77	PPBV	87
60) BROMOFORM	15.431	173	1871499	55.17	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.828	83	2236401	39.85	PPBV	94
63) ISOPROPYLBENZENE	16.485	105	3699288	43.21	PPBV	96
64) 2-CHLOROTOLUENE	17.037	91	2677198	39.09	PPBV	98
65) 4-ETHYLTOLUENE	17.229	105	3436031	44.31	PPBV	96
66) 1,3,5-TRIMETHYLBENZENE	17.312	105	3303878	43.52	PPBV	96
67) 1,2,4-TRIMETHYLBENZENE	17.779	105	3192688	43.27	PPBV	96
68) m-DICHLOROBENZENE	17.962	146	2141667	49.14	PPBV	99
69) BENZYL CHLORIDE	17.939	91	2313797	42.19	PPBV	97
70) p-DICHLOROBENZENE	18.036	146	2013045	50.33	PPBV	98
71) o-DICHLOROBENZENE	18.421	146	1814780	44.00	PPBV	97
72) HEXACHLOROBUTADIENE	20.810	225	347083	17.75	PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.320	180	206547	25.38	PPBV	97

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3390.D
Acq On : 15 May 2007 7:16 pm
Operator : PhilipB
Sample : IC185-40 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 15 19:45:44 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 19:01:44 2007
Response via : Initial Calibration



ACCUTEST Laboratories M64901

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
05/16/07 18:03

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3391.D
Acq On : 15 May 2007 7:56 pm
Operator : PhilipB
Sample : IC185-5 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 16 08:01:48 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 19:46:25 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.422	128	105565	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.344	114	443500	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.696	117	403673	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.332	95	179007	5.38	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 107.60%

Target Compounds							Qvalue
2) DICHLORODIFLUOROMETHANE	3.593	85	417279	5.43	PPBV		83
3) PROPYLENE	3.520	41	155790	6.37	PPBV		82
4) FREON 114	3.857	85	436403	5.83	PPBV	#	100
5) CHLOROMETHANE	3.758	50	198625	6.47	PPBV		95
6) VINYL CHLORIDE	3.980	62	161849	6.22	PPBV		72
7) 1,3-BUTADIENE	4.120	39	163032	6.46	PPBV	#	100
8) BROMOMETHANE	4.401	94	138786	5.89	PPBV	#	100
9) CHLOROETHANE	4.573	64	71282	6.37	PPBV	#	100
10) TRICHLOROFLUOROMETHANE	5.389	101	466165	5.79	PPBV	#	100
11) ISOPROPYL ALCOHOL	5.442	45	292436	5.62	PPBV		93
12) ACETONE	5.189	43	272040	5.44	PPBV	#	73
13) PENTANE	5.764	42	150815	6.57	PPBV	#	100
14) 1,1-DICHLOROETHYLENE	6.069	96	125357	5.81	PPBV	#	15
15) CARBON DISULFIDE	6.521	76	310042	5.89	PPBV		70
16) ETHANOL	4.670	45	61718	4.69	PPBV	#	100
17) BROMOETHENE	4.942	106	138450	5.75	PPBV	#	100
18) METHYLENE CHLORIDE	6.193	84	109888	4.06	PPBV	#	1
19) 3-CHLOROPROPENE	6.323	39	113847	5.97	PPBV	#	1
20) FREON 113	6.468	151	242611	5.46	PPBV	#	100
21) TRANS-1,2-DICHLOROETHY...	7.180	96	117369	5.68	PPBV	#	100
22) TERTIARY BUTYL ALCOHOL	6.092	59	287405	6.37	PPBV	#	100
23) METHYL TERTIARY BUTYL ...	7.444	73	262372	5.48	PPBV	#	100
24) TETRAHYDROFURAN	8.958	42	160525	4.96	PPBV	#	100
25) HEXANE	8.458	57	166505	4.79	PPBV	#	100
26) VINYL ACETATE	7.533	43	251948	5.00	PPBV		90
27) 1,1-DICHLOROETHANE	7.391	63	226846	5.71	PPBV	#	100
28) METHYL ETHYL KETONE	7.794	43	304007	4.69	PPBV		89
29) cis-1,2-DICHLOROETHYLENE	8.246	96	84711	5.01	PPBV	#	100
30) ETHYL ACETATE	8.461	43	500911	4.86	PPBV		100
31) CHLOROFORM	8.554	83	207382	4.25	PPBV	#	100
32) 1,1,1-TRICHLOROETHANE	9.551	97	202725	4.23	PPBV		87
33) CARBON TETRACHLORIDE	10.158	117	231158	4.51	PPBV		93
34) 1,2-DICHLOROETHANE	9.295	62	162310	4.18	PPBV		99
36) BENZENE	10.011	78	261470	5.69	PPBV		91
37) CYCLOHEXANE	10.286	84	76218	4.97	PPBV	#	21
38) TRICHLOROETHYLENE	11.051	95	121441	5.00	PPBV	#	80
39) 1,2-DICHLOROPROPANE	10.820	63	115434	5.21	PPBV	#	60
40) BROMODICHLOROMETHANE	11.010	83	215204	5.21	PPBV		99
41) 2,2,4-TRIMETHYLPENTANE	11.074	57	563020	5.30	PPBV		93
42) 1,4-DIOXANE	11.044	88	41040	4.44	PPBV	#	11
43) HEPTANE	11.326	43	260811	5.86	PPBV	#	72

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3391.D
Acq On : 15 May 2007 7:56 pm
Operator : PhilipB
Sample : IC185-5 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 16 08:01:48 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 19:46:25 2007
Response via : Initial Calibration

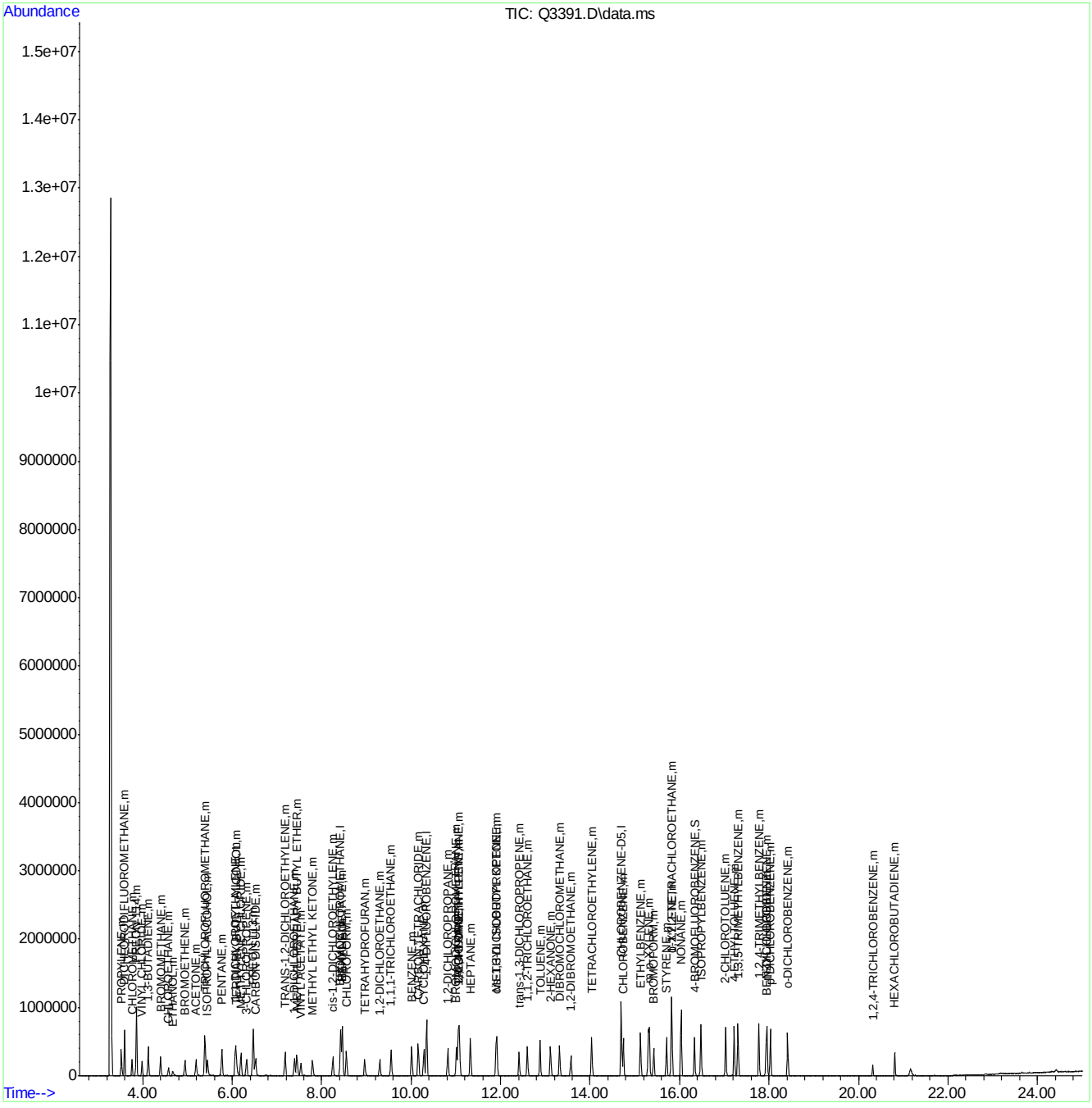
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) METHYL ISOBUTYL KETONE	11.917	43	382617	5.97	PPBV		89
45) cis-1,3-DICHLOROPROPENE	11.894	75	151890	5.24	PPBV		86
46) TOLUENE	12.880	92	153998	5.05	PPBV		94
47) trans-1,3-DICHLOROPROPENE	12.410	75	132398	5.38	PPBV	#	99
48) 1,1,2-TRICHLOROETHANE	12.600	83	95703	5.13	PPBV		90
50) 2-HEXANONE	13.113	43	326285	5.36	PPBV		92
51) TETRACHLOROETHYLENE	14.036	164	73763	4.31	PPBV	#	80
52) DIBROMOCHLOROMETHANE	13.317	129	181085	4.62	PPBV		99
53) 1,2-DIBROMOETHANE	13.571	107	168313	4.84	PPBV		96
54) CHLOROBENZENE	14.739	112	202194	4.70	PPBV		85
55) ETHYLBENZENE	15.126	91	374139	4.99	PPBV		93
56) m,p-XYLENE	15.323	106	266549m	9.78	PPBV		
57) o-XYLENE	15.828	106	141013	5.06	PPBV	#	88
58) STYRENE	15.708	104	192335	5.40	PPBV		99
59) NONANE	16.031	43	450068	6.23	PPBV		80
60) BROMOFORM	15.424	173	136689	4.30	PPBV		98
62) 1,1,2,2-TETRACHLOROETHANE	15.819	83	270949	4.98	PPBV		95
63) ISOPROPYLBENZENE	16.476	105	418825	5.21	PPBV		96
64) 2-CHLOROTOLUENE	17.032	91	327887	5.12	PPBV		92
65) 4-ETHYLTOLUENE	17.222	105	372931	5.13	PPBV		93
66) 1,3,5-TRIMETHYLBENZENE	17.307	105	344155	4.81	PPBV		95
67) 1,2,4-TRIMETHYLBENZENE	17.773	105	331358	4.79	PPBV		93
68) m-DICHLOROBENZENE	17.954	146	189003	4.62	PPBV		95
69) BENZYL CHLORIDE	17.933	91	246683	4.82	PPBV		92
70) p-DICHLOROBENZENE	18.031	146	176842	4.74	PPBV		95
71) o-DICHLOROBENZENE	18.416	146	163377	4.20	PPBV		93
72) HEXACHLOROBUTADIENE	20.808	225	31923	1.68	PPBV		98
73) 1,2,4-TRICHLOROBENZENE	20.319	180	26854	3.44	PPBV		98

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3391.D
Acq On : 15 May 2007 7:56 pm
Operator : PhilipB
Sample : IC185-5 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

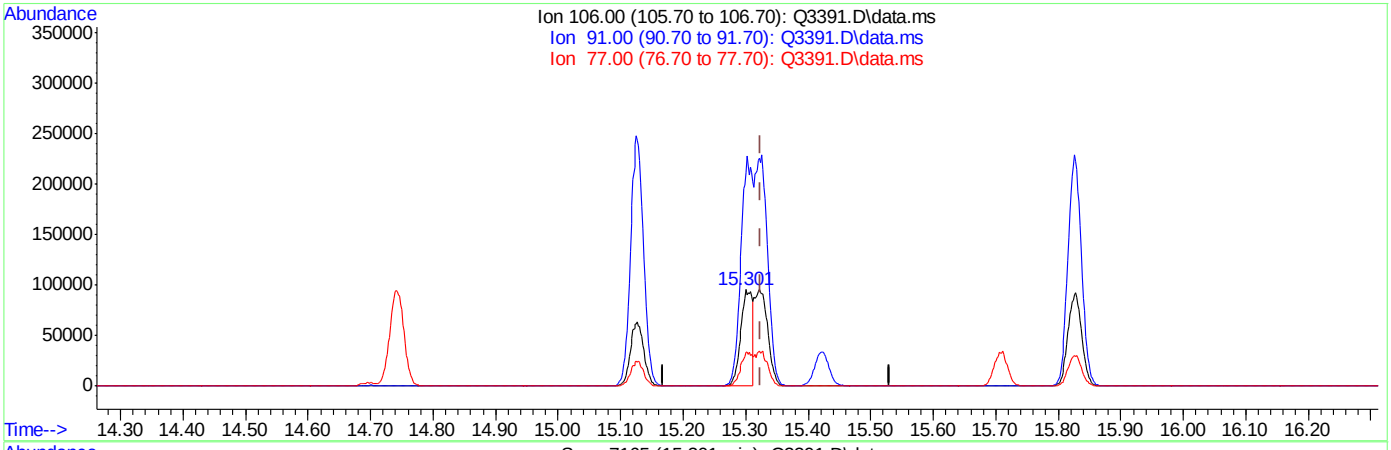
Quant Time: May 16 08:01:48 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 19:46:25 2007
Response via : Initial Calibration

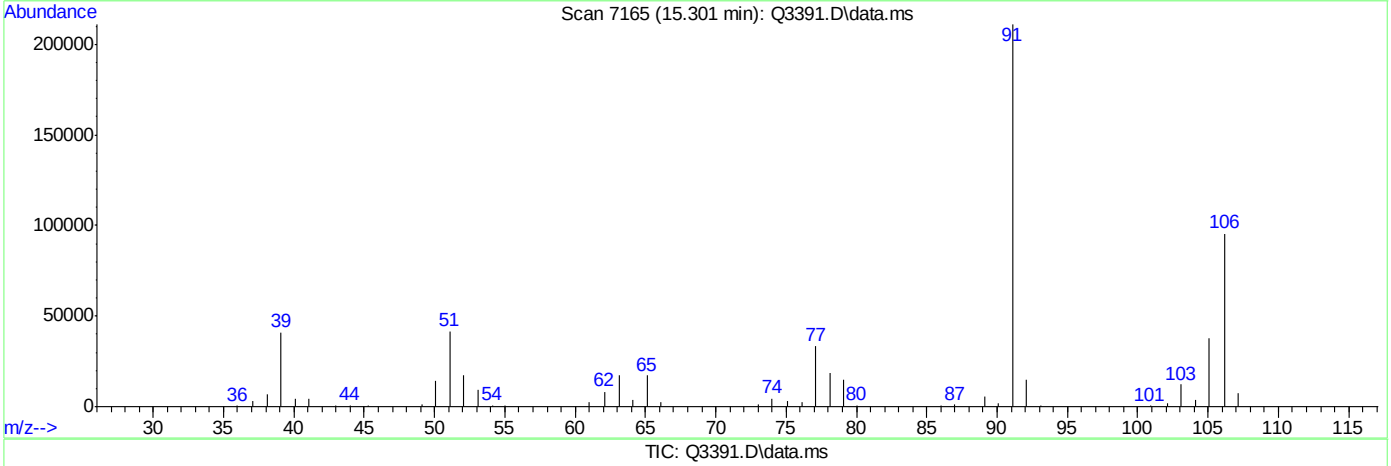


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3391.D
Acq On : 15 May 2007 7:56 pm
Operator : PhilipB
Sample : IC185-5 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 16 08:01:05 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 19:46:25 2007
Response via : Initial Calibration





TIC: Q3391.D\data.ms

(56) m,p-XYLENE (m)

15.301min (-0.023) 4.62PPBV

response 125770

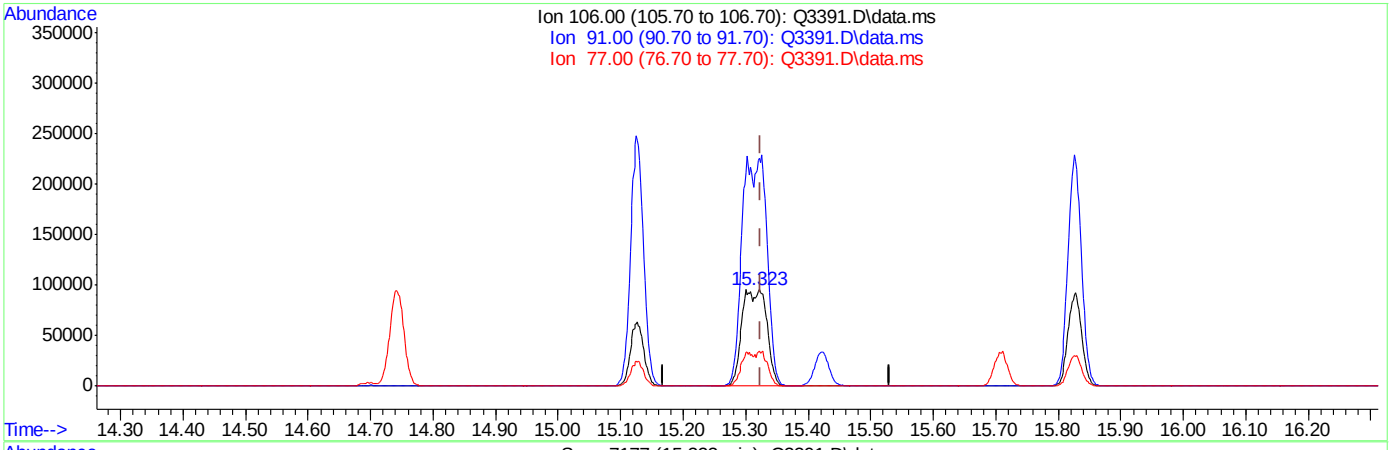
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	221.07
77.00	30.60	35.07
0.00	0.00	0.00

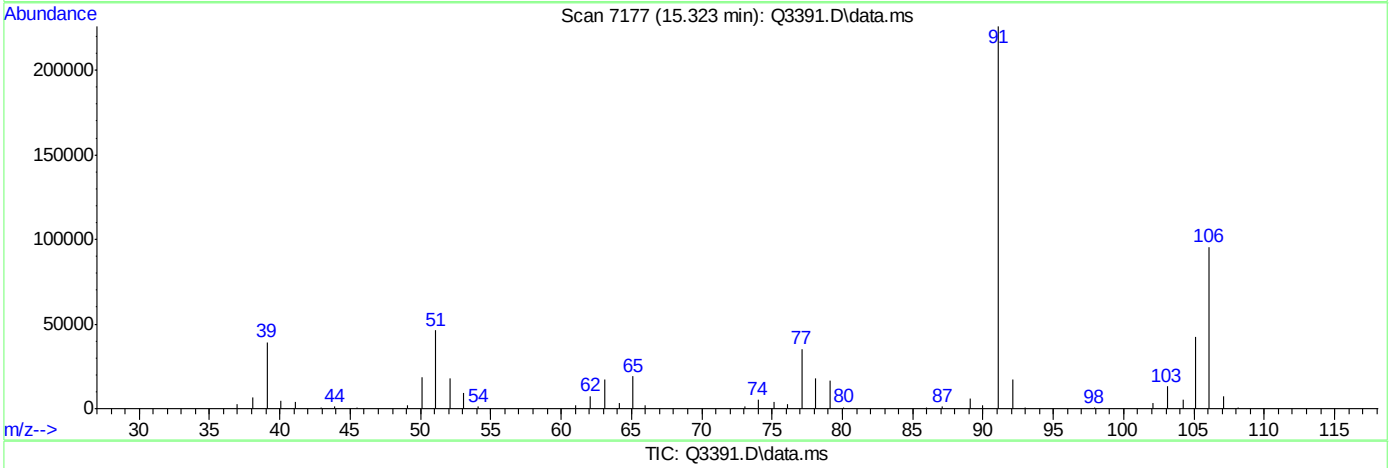
ACCUTEST Laboratories M64901

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3391.D
Acq On : 15 May 2007 7:56 pm
Operator : PhilipB
Sample : IC185-5 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 16 08:01:05 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 19:46:25 2007
Response via : Initial Calibration





TIC: Q3391.D\data.ms

(56) m,p-XYLENE (m)

15.323min (-0.002) 9.78PPBV m

response 266549

Ion	Exp%	Act%
106.00	100	100
91.00	204.20	236.56
77.00	30.60	36.96#
0.00	0.00	0.00

ACCUTEST Laboratories M64901

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
05/16/07 18:03

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3392.D
Acq On : 16 May 2007 8:18 am
Operator : PhilipB
Sample : IC185-20 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 16 09:04:27 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 08:02:06 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.415	128	107237	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.341	114	441646	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.696	117	414256	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.334	95	201265	5.83	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 116.60%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	3.577	85	1436332	18.18	PPBV	82
3) PROPYLENE	3.506	41	554925	21.48	PPBV	85
4) FREON 114	3.841	85	1535185	19.73	PPBV #	100
5) CHLOROMETHANE	3.744	50	688131	21.17	PPBV	95
6) VINYL CHLORIDE	3.966	62	557047	20.35	PPBV	72
7) 1,3-BUTADIENE	4.102	39	603210	22.60	PPBV #	100
8) BROMOMETHANE	4.383	94	452752	18.45	PPBV #	100
9) CHLOROETHANE	4.559	64	232822	19.71	PPBV #	100
10) TRICHLOROFLUOROMETHANE	5.373	101	1547915	18.52	PPBV #	100
11) ISOPROPYL ALCOHOL	5.430	45	1082659	20.13	PPBV	93
12) ACETONE	5.171	43	1033440	20.08	PPBV #	75
13) PENTANE	5.753	42	569841	23.37	PPBV #	100
14) 1,1-DICHLOROETHYLENE	6.056	96	420238	18.75	PPBV #	12
15) CARBON DISULFIDE	6.509	76	1082467	19.73	PPBV	66
16) ETHANOL	4.656	45	229546	17.32	PPBV #	100
17) BROMOETHENE	4.926	106	440424	17.64	PPBV #	100
18) METHYLENE CHLORIDE	6.181	84	366419	13.68	PPBV #	1
19) 3-CHLOROPROPENE	6.308	39	424642	21.34	PPBV #	1
20) FREON 113	6.454	151	818554	17.89	PPBV #	100
21) TRANS-1,2-DICHLOROETHY...	7.169	96	419748	19.61	PPBV #	100
22) TERTIARY BUTYL ALCOHOL	6.079	59	1021563	21.44	PPBV #	100
23) METHYL TERTIARY BUTYL ...	7.432	73	947845	19.21	PPBV #	100
24) TETRAHYDROFURAN	8.948	42	605403	18.45	PPBV #	100
25) HEXANE	8.449	57	607423	17.31	PPBV #	100
26) VINYL ACETATE	7.526	43	965174	18.85	PPBV	90
27) 1,1-DICHLOROETHANE	7.382	63	800129	19.43	PPBV #	100
28) METHYL ETHYL KETONE	7.781	43	1111760	17.04	PPBV	89
29) cis-1,2-DICHLOROETHYLENE	8.241	96	324636	18.90	PPBV #	100
30) ETHYL ACETATE	8.456	43	1883905	18.06	PPBV	100
31) CHLOROFORM	8.546	83	779451	16.06	PPBV #	100
32) 1,1,1-TRICHLOROETHANE	9.546	97	764952	16.08	PPBV #	87
33) CARBON TETRACHLORIDE	10.154	117	853635	16.62	PPBV	93
34) 1,2-DICHLOROETHANE	9.292	62	611675	15.89	PPBV	100
36) BENZENE	10.009	78	834834	17.90	PPBV	87
37) CYCLOHEXANE	10.280	84	292236	19.14	PPBV #	25
38) TRICHLOROETHYLENE	11.049	95	486909	20.14	PPBV #	81
39) 1,2-DICHLOROPROPANE	10.818	63	429562	19.37	PPBV #	59
40) BROMODICHLOROMETHANE	11.008	83	815748	19.73	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.072	57	2191893	20.54	PPBV #	91
42) 1,4-DIOXANE	11.036	88	168360	18.58	PPBV #	31
43) HEPTANE	11.322	43	995216	21.91	PPBV #	72

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3392.D
Acq On : 16 May 2007 8:18 am
Operator : PhilipB
Sample : IC185-20 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 16 09:04:27 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 08:02:06 2007
Response via : Initial Calibration

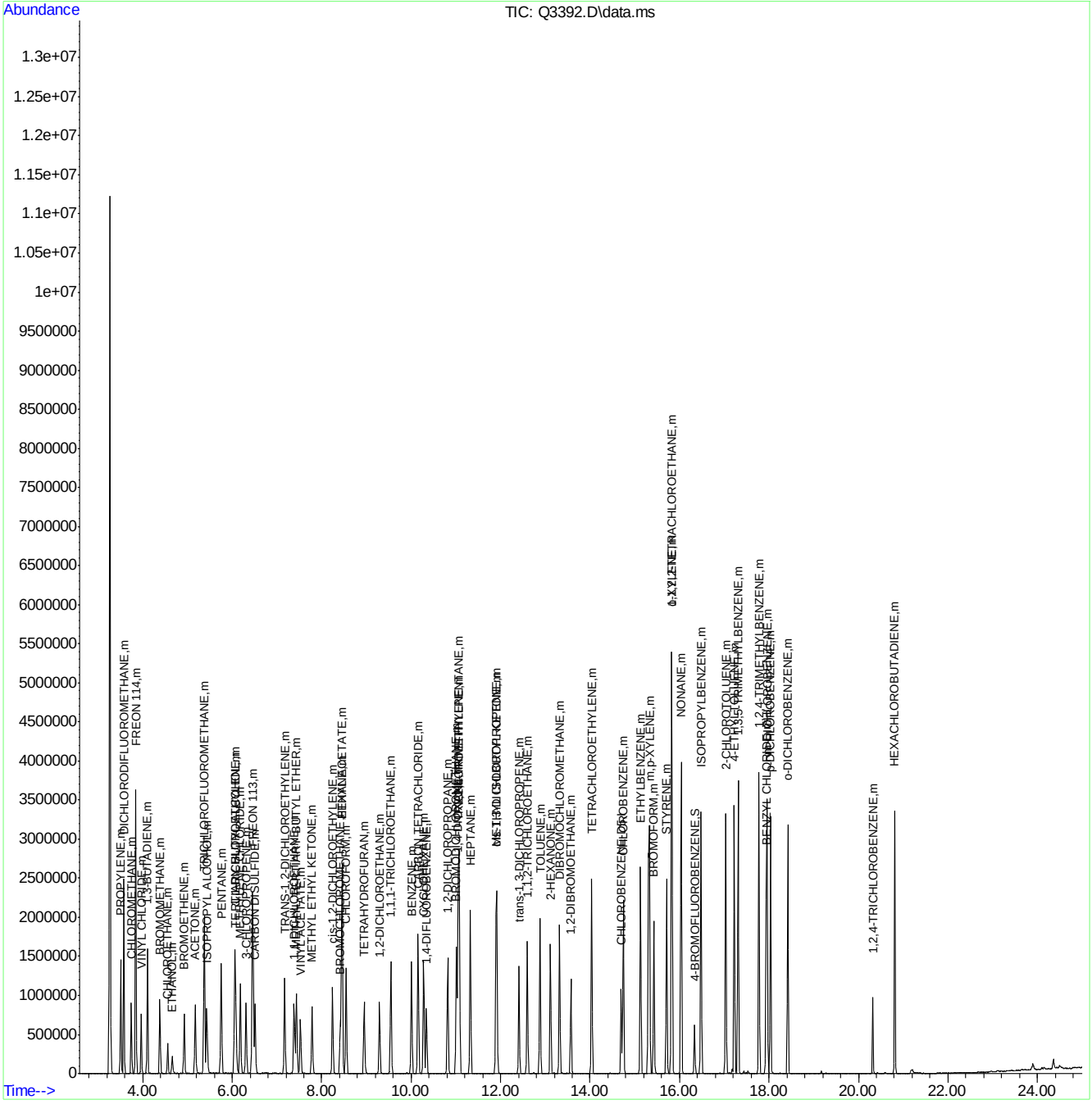
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.913	43	1477731	22.54	PPBV	90
45) cis-1,3-DICHLOROPROPENE	11.895	75	607507	20.92	PPBV	89
46) TOLUENE	12.879	92	620502	20.39	PPBV	97
47) trans-1,3-DICHLOROPROPENE	12.410	75	523645	21.13	PPBV #	99
48) 1,1,2-TRICHLOROETHANE	12.596	83	365223	19.57	PPBV	90
50) 2-HEXANONE	13.113	43	1268031	20.08	PPBV	93
51) TETRACHLOROETHYLENE	14.038	164	324222	18.83	PPBV #	79
52) DIBROMOCHLOROMETHANE	13.317	129	773932	19.46	PPBV	98
53) 1,2-DIBROMOETHANE	13.571	107	680083	19.14	PPBV	98
54) CHLOROBENZENE	14.742	112	822359	18.79	PPBV	88
55) ETHYLBENZENE	15.129	91	1568065	20.39	PPBV	94
56) m,p-XYLENE	15.326	106	1189897m	42.69	PPBV	
57) o-XYLENE	15.828	106	664109	23.18	PPBV	91
58) STYRENE	15.711	104	864188	23.38	PPBV	97
59) NONANE	16.034	43	1804990	23.53	PPBV	82
60) BROMOFORM	15.425	173	660503	20.65	PPBV	98
62) 1,1,2,2-TETRACHLOROETHANE	15.821	83	1260074	22.59	PPBV	94
63) ISOPROPYLBENZENE	16.481	105	1867896	22.51	PPBV	96
64) 2-CHLOROTOLUENE	17.032	91	1484704	22.53	PPBV	92
65) 4-ETHYLTOLUENE	17.221	105	1725524	23.04	PPBV	93
66) 1,3,5-TRIMETHYLBENZENE	17.308	105	1634007	22.38	PPBV	94
67) 1,2,4-TRIMETHYLBENZENE	17.773	105	1621845	22.97	PPBV	94
68) m-DICHLOROBENZENE	17.958	146	917319	22.07	PPBV	95
69) BENZYL CHLORIDE	17.935	91	1206235	23.08	PPBV	93
70) p-DICHLOROBENZENE	18.033	146	851228	22.38	PPBV	94
71) o-DICHLOROBENZENE	18.419	146	819782	21.00	PPBV	93
72) HEXACHLOROBUTADIENE	20.812	225	279622	15.82	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.320	180	159074	20.81	PPBV	97

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3392.D
Acq On : 16 May 2007 8:18 am
Operator : PhilipB
Sample : IC185-20 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

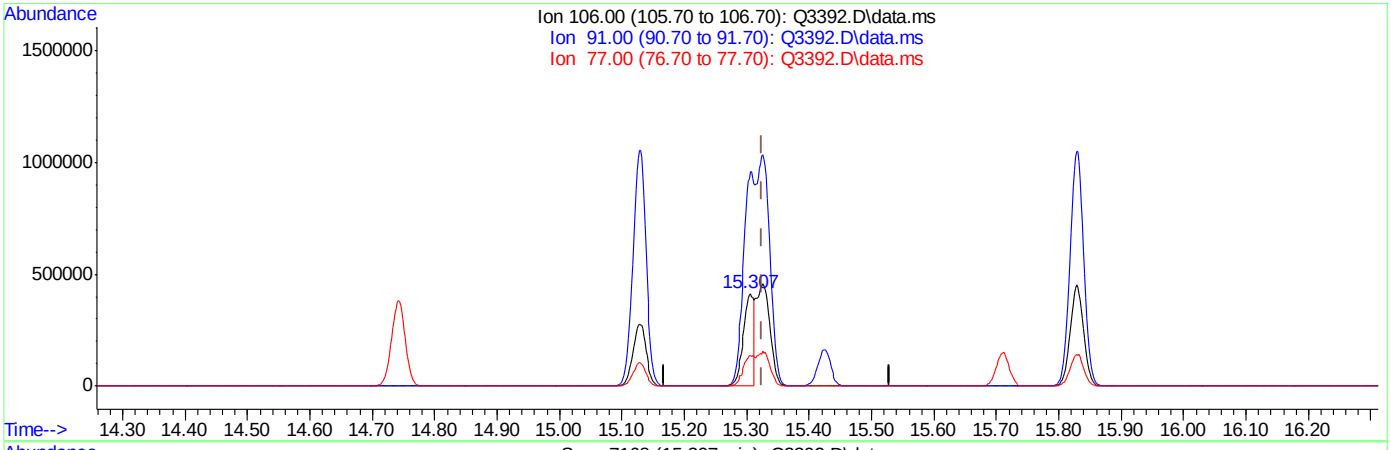
Quant Time: May 16 09:04:27 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 08:02:06 2007
Response via : Initial Calibration

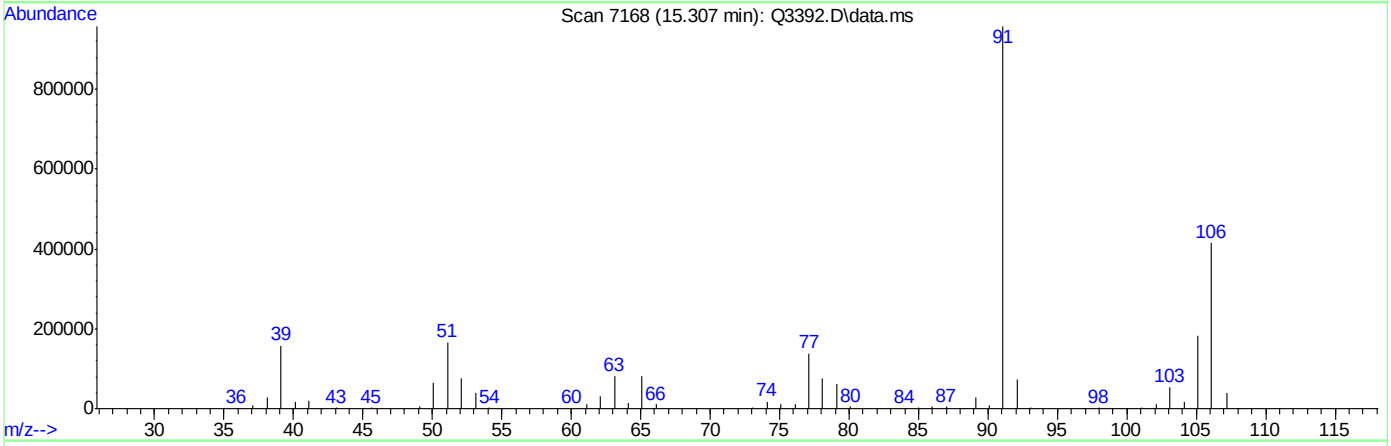


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3392.D
Acq On : 16 May 2007 8:18 am
Operator : PhilipB
Sample : IC185-20 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 16 09:03:55 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 08:02:06 2007
Response via : Initial Calibration





TIC: Q3392.D\data.ms

(56) m,p-XYLENE (m)

15.307min (-0.018) 17.51PPBV

response 488119

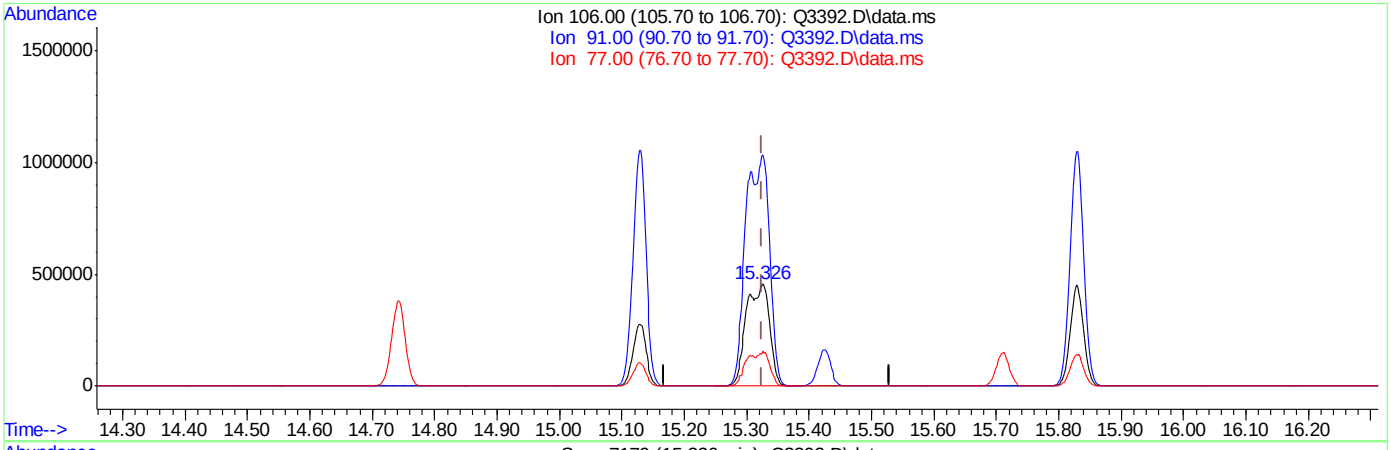
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	231.04
77.00	30.60	33.24
0.00	0.00	0.00

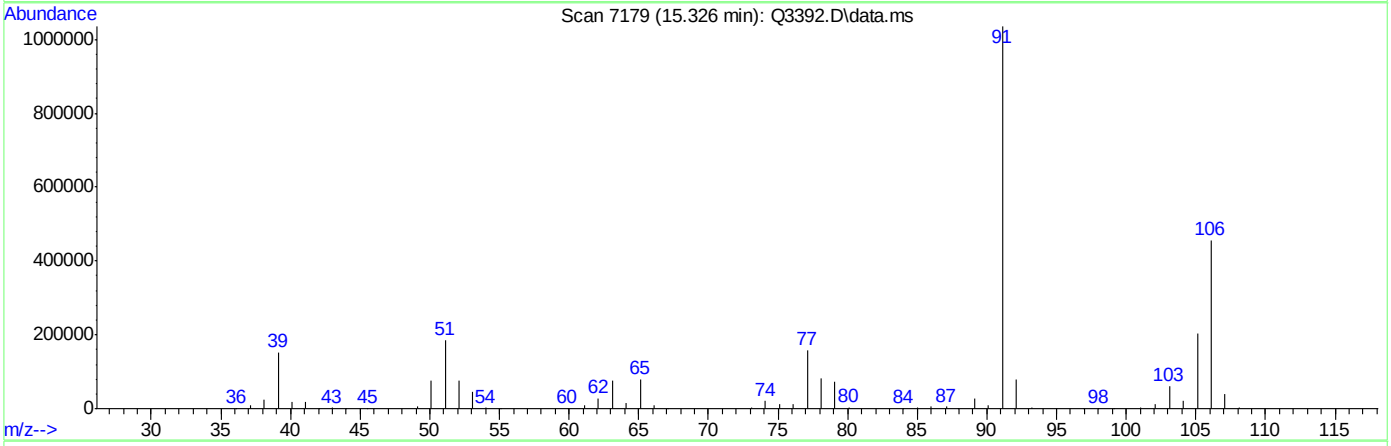
ACCUTEST Laboratories M64901

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3392.D
Acq On : 16 May 2007 8:18 am
Operator : PhilipB
Sample : IC185-20 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 16 09:03:55 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 08:02:06 2007
Response via : Initial Calibration





TIC: Q3392.D\data.ms

(56) m,p-XYLENE (m)

15.326min (+0.002) 42.69PPBV m

response 1189897

Ion	Exp%	Act%
106.00	100	100
91.00	204.20	226.90
77.00	30.60	34.71
0.00	0.00	0.00

ACCUTEST Laboratories M64901

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
05/16/07 18:03

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3393.D
Acq On : 16 May 2007 9:18 am
Operator : PhilipB
Sample : ICC185-10 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 16 09:49:12 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 09:04:38 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.419	128	94874	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.344	114	466297	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.696	117	426455	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.332	95	189371	5.18	PPBV	0.00
Spiked Amount 5.000	Range 57 - 139		Recovery = 103.60%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	3.589	85	810762	11.48	PPBV	84
3) PROPYLENE	3.517	41	295176	12.23	PPBV	82
4) FREON 114	3.854	85	851548	12.07	PPBV #	100
5) CHLOROMETHANE	3.754	50	377109	12.48	PPBV	91
6) VINYL CHLORIDE	3.980	62	310528	12.37	PPBV	72
7) 1,3-BUTADIENE	4.117	39	301574	11.94	PPBV #	100
8) BROMOMETHANE	4.395	94	269986	12.25	PPBV #	100
9) CHLOROETHANE	4.573	64	135348	12.52	PPBV #	100
10) TRICHLOROFLUOROMETHANE	5.387	101	889181	11.83	PPBV #	100
11) ISOPROPYL ALCOHOL	5.437	45	515822	10.18	PPBV	93
12) ACETONE	5.185	43	492004	10.16	PPBV #	72
13) PENTANE	5.767	42	257521	11.06	PPBV #	100
14) 1,1-DICHLOROETHYLENE	6.063	96	240485	11.94	PPBV #	21
15) CARBON DISULFIDE	6.520	76	578247	11.67	PPBV	69
16) ETHANOL	4.667	45	113669	9.16	PPBV #	100
17) BROMOETHENE	4.940	106	273712	12.33	PPBV #	100
18) METHYLENE CHLORIDE	6.189	84	210836	8.76	PPBV #	1
19) 3-CHLOROPROPENE	6.317	39	199362	10.78	PPBV #	1
20) FREON 113	6.468	151	469643	11.58	PPBV #	100
21) TRANS-1,2-DICHLOROETHY...	7.178	96	223719	11.65	PPBV #	100
22) TERTIARY BUTYL ALCOHOL	6.085	59	514243	11.72	PPBV #	100
23) METHYL TERTIARY BUTYL ...	7.441	73	498601	11.27	PPBV #	100
24) TETRAHYDROFURAN	8.956	42	269767	9.24	PPBV #	100
25) HEXANE	8.458	57	261436	8.39	PPBV #	100
26) VINYL ACETATE	7.533	43	464736	9.91	PPBV	90
27) 1,1-DICHLOROETHANE	7.389	63	423017	11.31	PPBV #	100
28) METHYL ETHYL KETONE	7.790	43	549427	9.42	PPBV	84
29) cis-1,2-DICHLOROETHYLENE	8.248	96	127948	8.57	PPBV #	100
30) ETHYL ACETATE	8.461	43	853115	9.07	PPBV	100
31) CHLOROFORM	8.552	83	383965	9.11	PPBV #	100
32) 1,1,1-TRICHLOROETHANE	9.547	97	415453	10.20	PPBV	88
33) CARBON TETRACHLORIDE	10.160	117	463105	10.53	PPBV	94
34) 1,2-DICHLOROETHANE	9.295	62	346170	10.44	PPBV	100
36) BENZENE	10.011	78	387202	8.04	PPBV	88
37) CYCLOHEXANE	10.284	84	137637	8.81	PPBV #	30
38) TRICHLOROETHYLENE	11.047	95	224384	8.95	PPBV #	84
39) 1,2-DICHLOROPROPANE	10.818	63	194273	8.43	PPBV #	64
40) BROMODICHLOROMETHANE	11.010	83	403441	9.41	PPBV	98
41) 2,2,4-TRIMETHYLPENTANE	11.072	57	949564	8.46	PPBV #	93
42) 1,4-DIOXANE	11.042	88	74114	7.92	PPBV #	24
43) HEPTANE	11.324	43	434760	9.02	PPBV #	73

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3393.D
Acq On : 16 May 2007 9:18 am
Operator : PhilipB
Sample : ICC185-10 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 16 09:49:12 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 09:04:38 2007
Response via : Initial Calibration

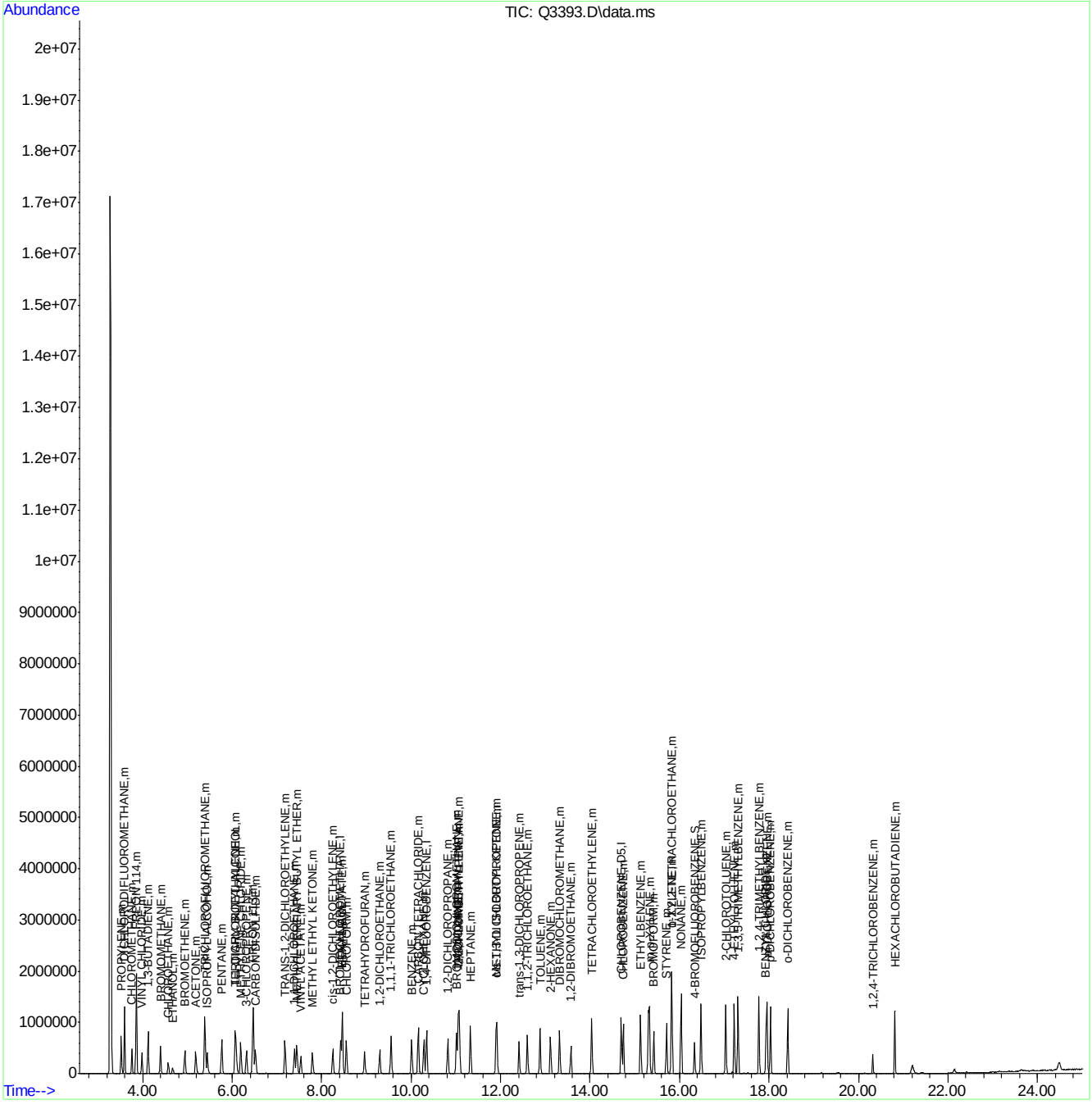
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) METHYL ISOBUTYL KETONE	11.915	43	635523	9.08	PPBV		90
45) cis-1,3-DICHLOROPROPENE	11.897	75	276127	9.18	PPBV		89
46) TOLUENE	12.882	92	273951	8.74	PPBV		96
47) trans-1,3-DICHLOROPROPENE	12.412	75	246606	9.68	PPBV	#	98
48) 1,1,2-TRICHLOROETHANE	12.598	83	158102	8.18	PPBV		93
50) 2-HEXANONE	13.113	43	551226	8.55	PPBV		93
51) TETRACHLOROETHYLENE	14.036	164	150861	8.94	PPBV	#	79
52) DIBROMOCHLOROMETHANE	13.317	129	365759	9.24	PPBV		98
53) 1,2-DIBROMOETHANE	13.569	107	304381	8.62	PPBV		98
54) CHLOROBENZENE	14.740	112	368849	8.49	PPBV		88
55) ETHYLBENZENE	15.125	91	686149	8.91	PPBV		94
56) m,p-XYLENE	15.326	106	483204m	17.14	PPBV		
57) o-XYLENE	15.826	106	244755	8.34	PPBV	#	85
58) STYRENE	15.709	104	338883	9.10	PPBV		97
59) NONANE	16.034	43	678108	8.47	PPBV		81
60) BROMOFORM	15.422	173	291988	9.14	PPBV		99
62) 1,1,2,2-TETRACHLOROETHANE	15.818	83	428343	7.39	PPBV		94
63) ISOPROPYLBENZENE	16.478	105	748277	8.81	PPBV		94
64) 2-CHLOROTOLUENE	17.032	91	606816	9.01	PPBV		90
65) 4-ETHYLTOLUENE	17.223	105	679850	8.88	PPBV		92
66) 1,3,5-TRIMETHYLBENZENE	17.307	105	652817	8.71	PPBV		92
67) 1,2,4-TRIMETHYLBENZENE	17.773	105	667337	9.22	PPBV		92
68) m-DICHLOROBENZENE	17.956	146	376926	8.93	PPBV		95
69) BENZYL CHLORIDE	17.935	91	495882	9.39	PPBV		92
70) p-DICHLOROBENZENE	18.031	146	363394	9.46	PPBV		95
71) o-DICHLOROBENZENE	18.418	146	351443	8.83	PPBV		94
72) HEXACHLOROBUTADIENE	20.812	225	109280	5.97	PPBV		96
73) 1,2,4-TRICHLOROBENZENE	20.320	180	58694	7.40	PPBV		93

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3393.D
Acq On : 16 May 2007 9:18 am
Operator : PhilipB
Sample : ICC185-10 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 16 09:49:12 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 09:04:38 2007
Response via : Initial Calibration

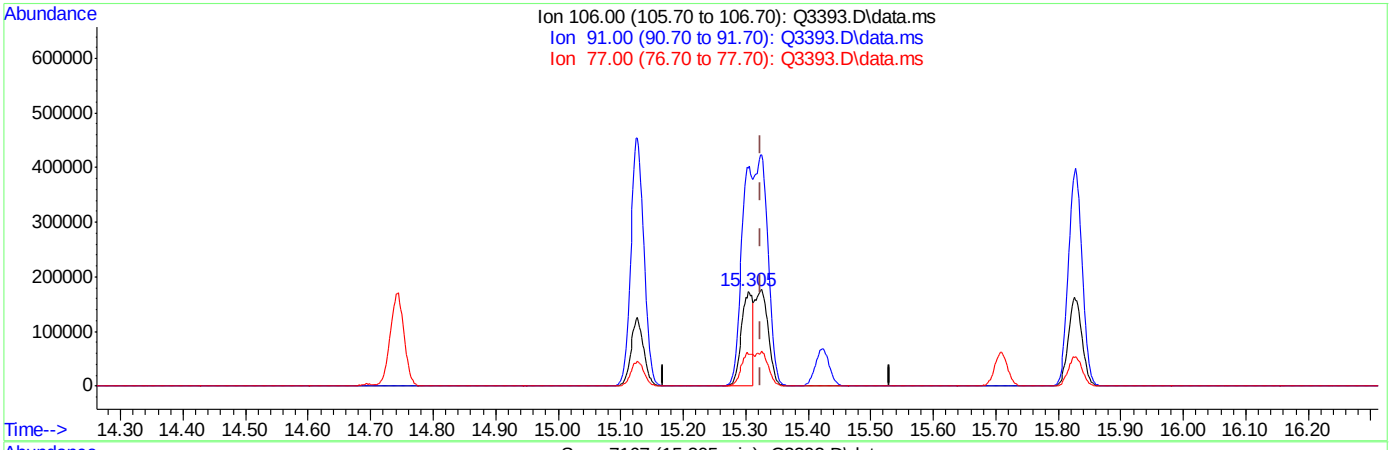


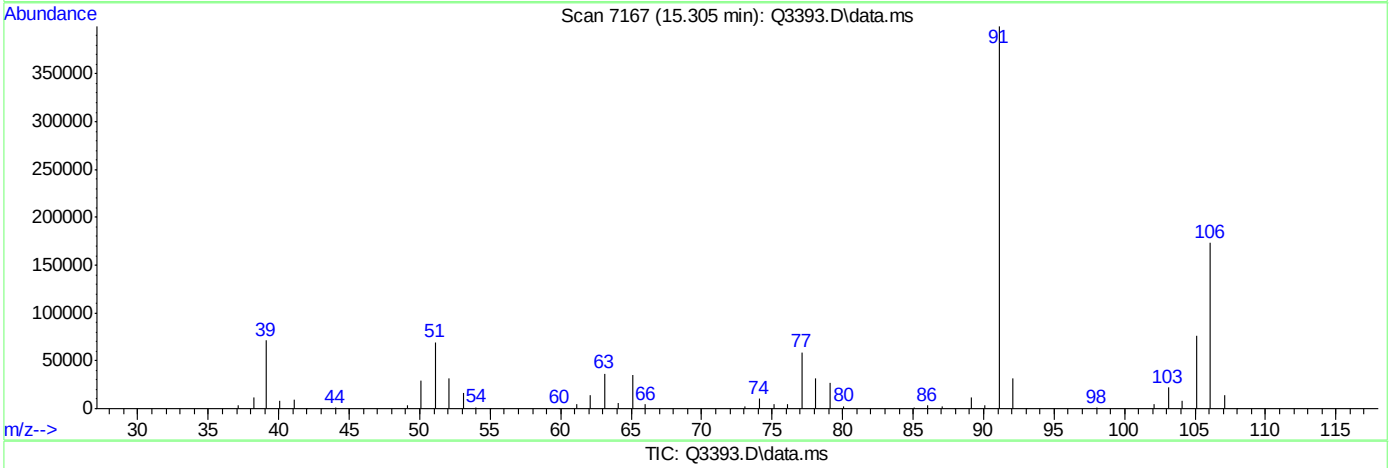
Q050307T.m Wed May 16 09:49:29 2007 RPT1 Page: 3

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3393.D
Acq On : 16 May 2007 9:18 am
Operator : PhilipB
Sample : ICC185-10 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 16 09:48:43 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 09:04:38 2007
Response via : Initial Calibration





TIC: Q3393.D\data.ms

(56) m,p-XYLENE (m)

15.305min (-0.020) 7.78PPBV

response 219256

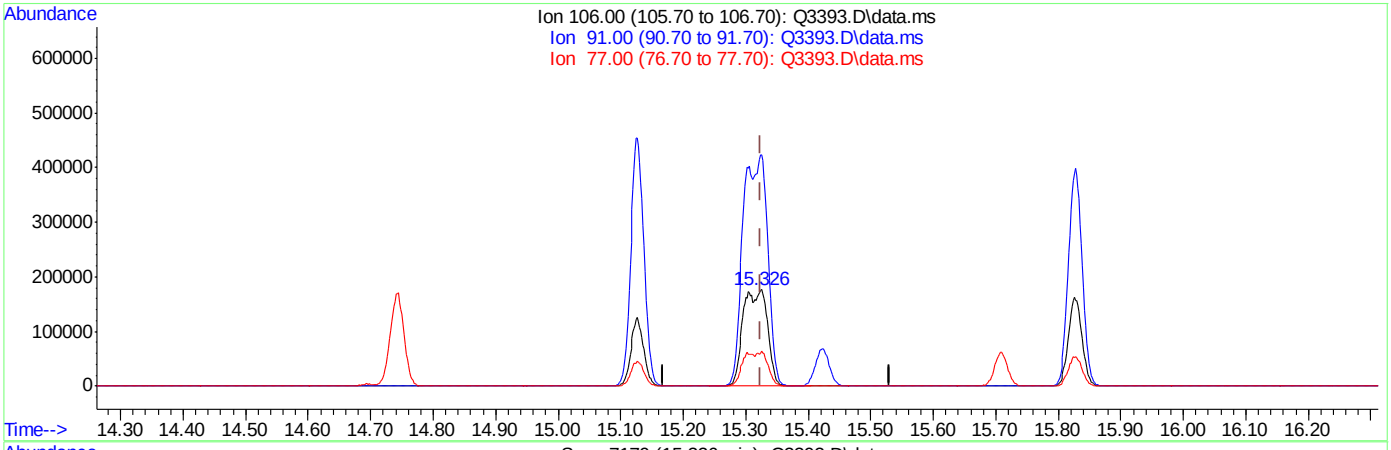
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	230.78
77.00	30.60	33.97
0.00	0.00	0.00

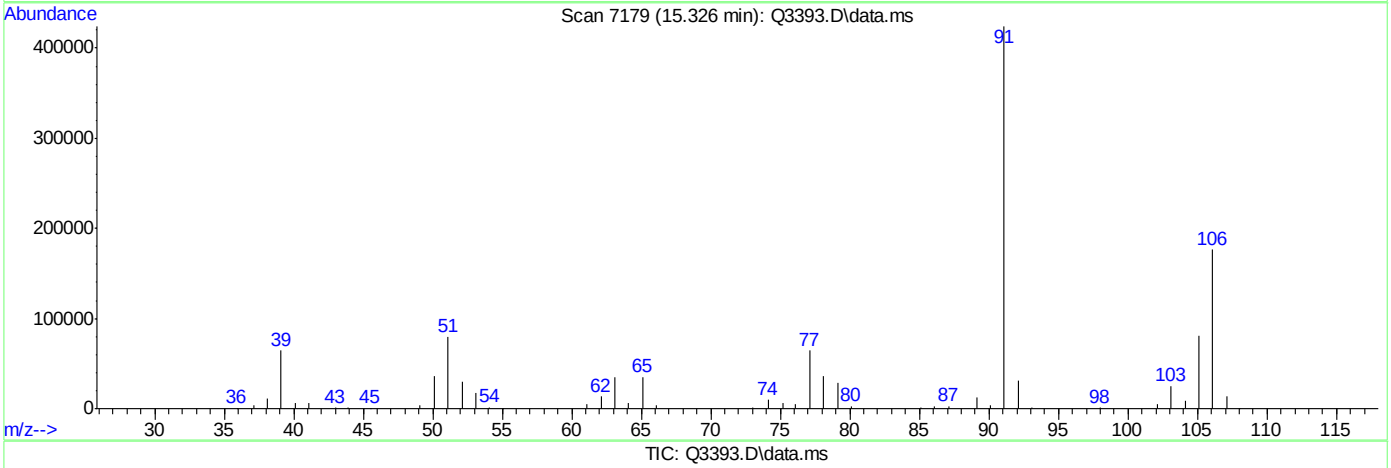
ACCUTEST Laboratories M64901

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3393.D
Acq On : 16 May 2007 9:18 am
Operator : PhilipB
Sample : ICC185-10 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 16 09:48:43 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 09:04:38 2007
Response via : Initial Calibration





TIC: Q3393.D\data.ms

(56) m,p-XYLENE (m)

15.326min (+0.002) 17.14PPBV m

response 483204

Ion	Exp%	Act%
106.00	100	100
91.00	204.20	240.28
77.00	30.60	36.64
0.00	0.00	0.00

Q3394.D

Manual Integrations APPROVED (compounds with "m" flag)

Doug Yargeau 05/16/07 18:03

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3394.D
Acq On : 16 May 2007 10:02 am
Operator : PhilipB
Sample : IC185-.5 (M044)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 16 11:07:11 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:05:58 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.420	128	123785	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.342	114	544363	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.696	117	433498	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.336	95	163800	4.40	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 88.00%

Target Compounds							Qvalue
2) DICHLORODIFLUOROMETHANE	3.589	85	78573	0.76	PPBV		84
3) PROPYLENE	3.520	41	28499	0.78	PPBV		85
4) FREON 114	3.854	85	79580	0.76	PPBV	#	100
5) CHLOROMETHANE	3.755	50	37047	0.80	PPBV		98
6) VINYL CHLORIDE	3.980	62	30148	0.79	PPBV	#	71
7) 1,3-BUTADIENE	4.117	39	29128	0.75	PPBV	#	100
8) BROMOMETHANE	4.397	94	27211	0.82	PPBV	#	100
9) CHLOROETHANE	4.571	64	12491	0.77	PPBV	#	100
10) TRICHLOROFLUOROMETHANE	5.389	101	86489	0.76	PPBV	#	100
11) ISOPROPYL ALCOHOL	5.446	45	46246	0.64	PPBV		92
12) ACETONE	5.194	43	47163	0.67	PPBV	#	72
13) PENTANE	5.765	42	24090	0.68	PPBV	#	100
14) 1,1-DICHLOROETHYLENE	6.064	96	23806	0.78	PPBV	#	24
15) CARBON DISULFIDE	6.516	76	51486	0.70	PPBV	#	52
16) ETHANOL	4.672	45	11525	0.67	PPBV	#	100
17) BROMOETHENE	4.940	106	27247	0.81	PPBV	#	100
18) METHYLENE CHLORIDE	6.188	84	29496	0.86	PPBV	#	1
19) 3-CHLOROPROPENE	6.319	39	25770	0.87	PPBV	#	1
20) FREON 113	6.466	151	22479	0.42	PPBV	#	100
21) TRANS-1,2-DICHLOROETHY...	7.176	96	12510	0.48	PPBV	#	100
22) TERTIARY BUTYL ALCOHOL	6.101	59	44173	0.68	PPBV	#	100
23) METHYL TERTIARY BUTYL ...	7.444	73	30802	0.51	PPBV	#	100
24) TETRAHYDROFURAN	8.963	42	16878	0.45	PPBV	#	100
25) HEXANE	8.456	57	22534	0.55	PPBV	#	100
26) VINYL ACETATE	7.531	43	36992	0.55	PPBV		86
27) 1,1-DICHLOROETHANE	7.389	63	29542	0.56	PPBV	#	100
28) METHYL ETHYL KETONE	7.797	43	33134	0.45	PPBV		93
29) cis-1,2-DICHLOROETHYLENE	8.248	96	12916	0.65	PPBV	#	100
30) ETHYL ACETATE	8.461	43	55799	0.46	PPBV	#	100
31) CHLOROFORM	8.545	83	34589	0.62	PPBV	#	100
32) 1,1,1-TRICHLOROETHANE	9.547	97	37708	0.67	PPBV		92
33) CARBON TETRACHLORIDE	10.158	117	40563	0.65	PPBV		96
34) 1,2-DICHLOROETHANE	9.292	62	27690	0.61	PPBV		98
36) BENZENE	10.007	78	33514	0.59	PPBV		90
37) CYCLOHEXANE	10.286	84	12568	0.66	PPBV	#	50
38) TRICHLOROETHYLENE	11.049	95	19884	0.64	PPBV		92
39) 1,2-DICHLOROPROPANE	10.818	63	15239	0.57	PPBV	#	66
40) BROMODICHLOROMETHANE	11.008	83	32272	0.61	PPBV		98
41) 2,2,4-TRIMETHYLPENTANE	11.074	57	71387	0.54	PPBV		93
42) 1,4-DIOXANE	11.044	88	4899	0.48	PPBV	#	37
43) HEPTANE	11.324	43	27629	0.49	PPBV	#	81

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3394.D
Acq On : 16 May 2007 10:02 am
Operator : PhilipB
Sample : IC185-.5 (M044)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 16 11:07:11 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:05:58 2007
Response via : Initial Calibration

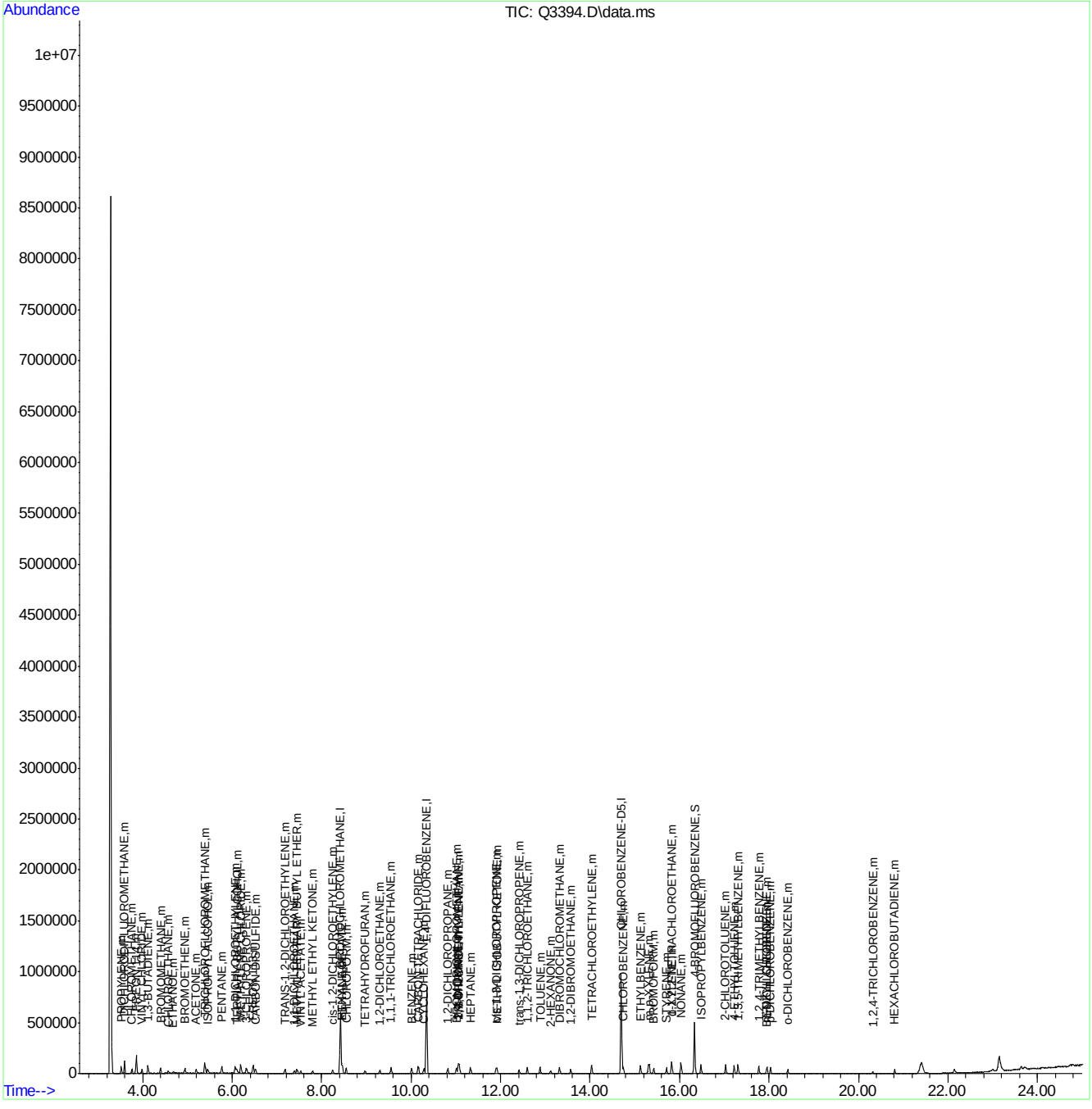
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.919	43	35804	0.44	PPBV	94
45) cis-1,3-DICHLOROPROPENE	11.897	75	19250	0.54	PPBV	98
46) TOLUENE	12.880	92	22201	0.59	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.410	75	17329	0.56	PPBV #	98
48) 1,1,2-TRICHLOROETHANE	12.593	83	13014	0.57	PPBV	95
50) 2-HEXANONE	13.118	43	22462	0.37	PPBV	96
51) TETRACHLOROETHYLENE	14.036	164	13758	0.74	PPBV #	82
52) DIBROMOCHLOROMETHANE	13.315	129	29372	0.68	PPBV	99
53) 1,2-DIBROMOETHANE	13.571	107	25121	0.67	PPBV	97
54) CHLOROBENZENE	14.739	112	30957	0.67	PPBV	91
55) ETHYLBENZENE	15.127	91	48960	0.61	PPBV	96
56) m,p-XYLENE	15.324	106	36245m	1.22	PPBV	
57) o-XYLENE	15.827	106	17791	0.58	PPBV	94
58) STYRENE	15.709	104	20201	0.53	PPBV	99
59) NONANE	16.032	43	42603	0.52	PPBV	83
60) BROMOFORM	15.420	173	20773	0.61	PPBV	97
62) 1,1,2,2-TETRACHLOROETHANE	15.814	83	21395	0.39	PPBV	95
63) ISOPROPYLBENZENE	16.480	105	53504	0.60	PPBV	96
64) 2-CHLOROTOLUENE	17.030	91	40444	0.58	PPBV	91
65) 4-ETHYLTOLUENE	17.222	105	41925	0.54	PPBV	93
66) 1,3,5-TRIMETHYLBENZENE	17.307	105	40933	0.54	PPBV	93
67) 1,2,4-TRIMETHYLBENZENE	17.775	105	33827	0.47	PPBV	91
68) m-DICHLOROBENZENE	17.956	146	18721	0.45	PPBV	95
69) BENZYL CHLORIDE	17.930	91	12857	0.26	PPBV	91
70) p-DICHLOROBENZENE	18.031	146	17439	0.45	PPBV	94
71) o-DICHLOROBENZENE	18.418	146	13059	0.35	PPBV	92
72) HEXACHLOROBUTADIENE	20.810	225	4318	0.30	PPBV	96
73) 1,2,4-TRICHLOROBENZENE	20.320	180	3928	0.52	PPBV	95

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3394.D
Acq On : 16 May 2007 10:02 am
Operator : PhilipB
Sample : IC185-.5 (M044)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 16 11:07:11 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:05:58 2007
Response via : Initial Calibration

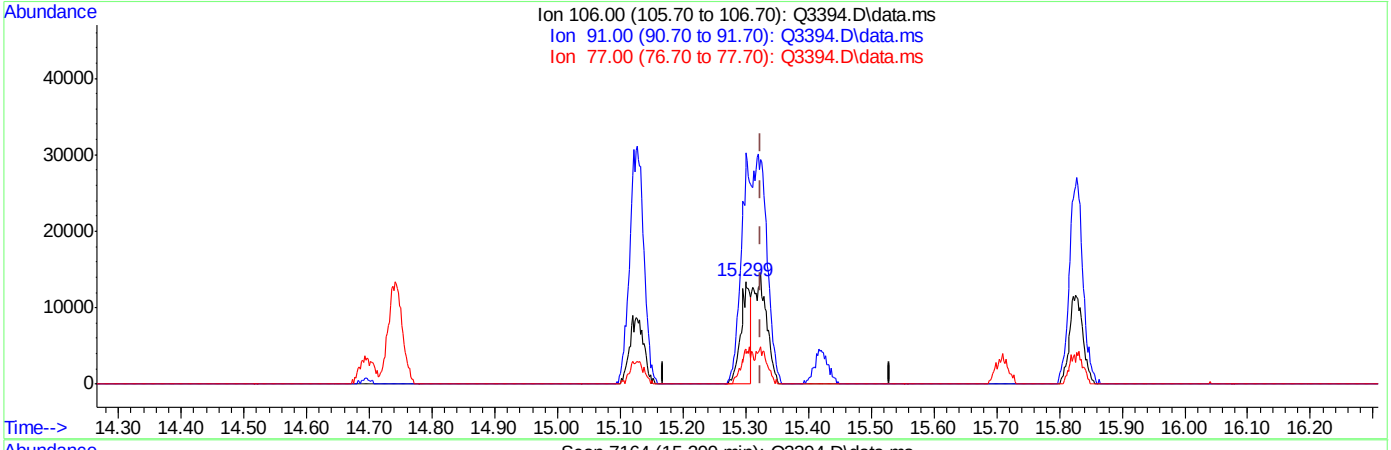


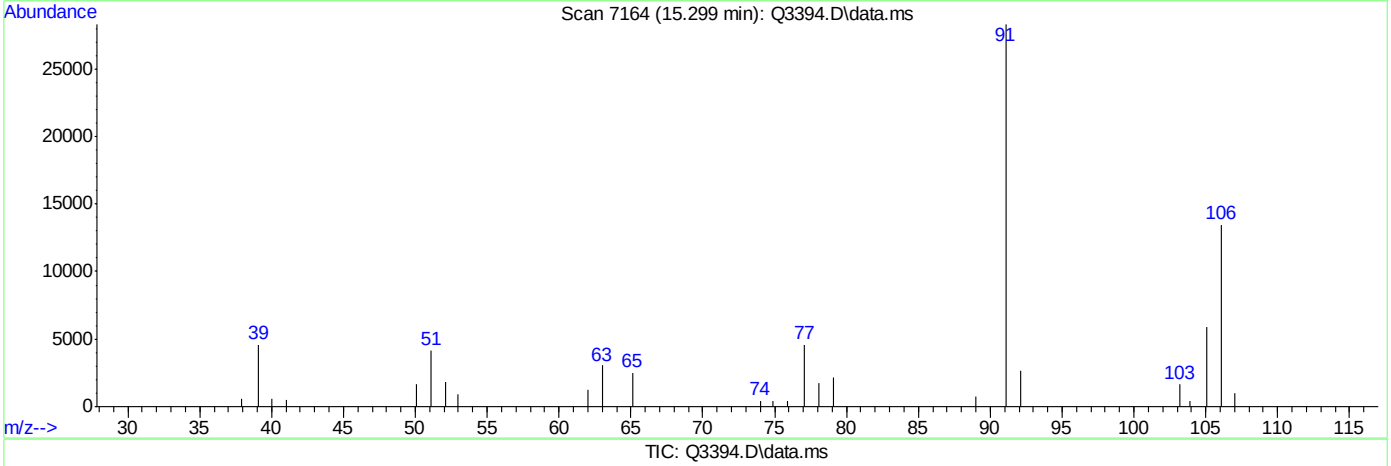
Q050307T.m Wed May 16 11:07:18 2007 RPT1 Page: 3

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3394.D
Acq On : 16 May 2007 10:02 am
Operator : PhilipB
Sample : IC185-.5 (M044)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 16 11:07:00 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:05:58 2007
Response via : Initial Calibration





TIC: Q3394.D\data.ms

(56) m,p-XYLENE (m)

15.299min (-0.025) 0.50PPBV

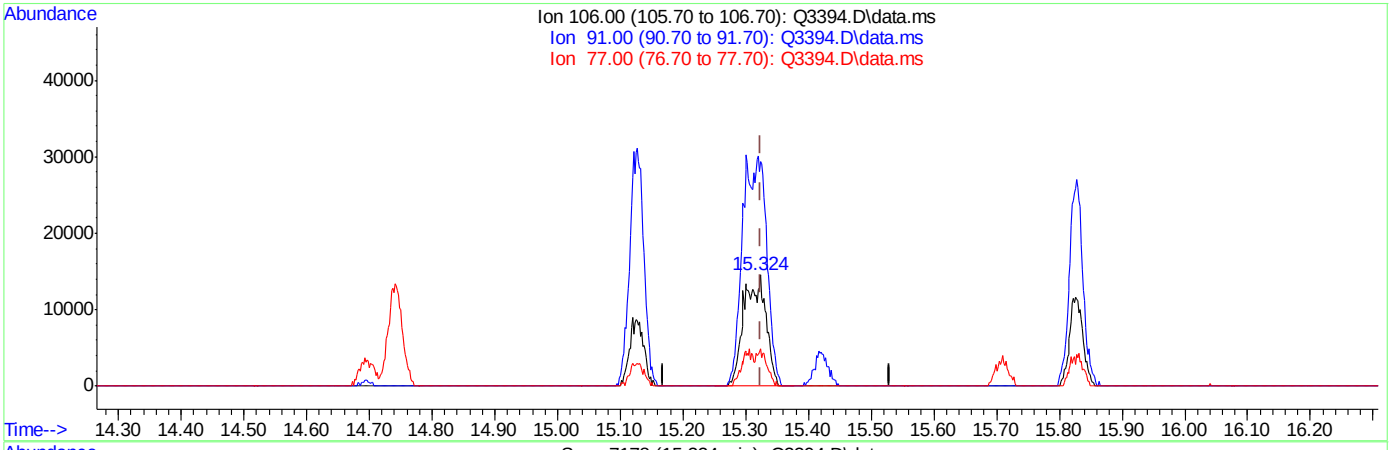
response 14888

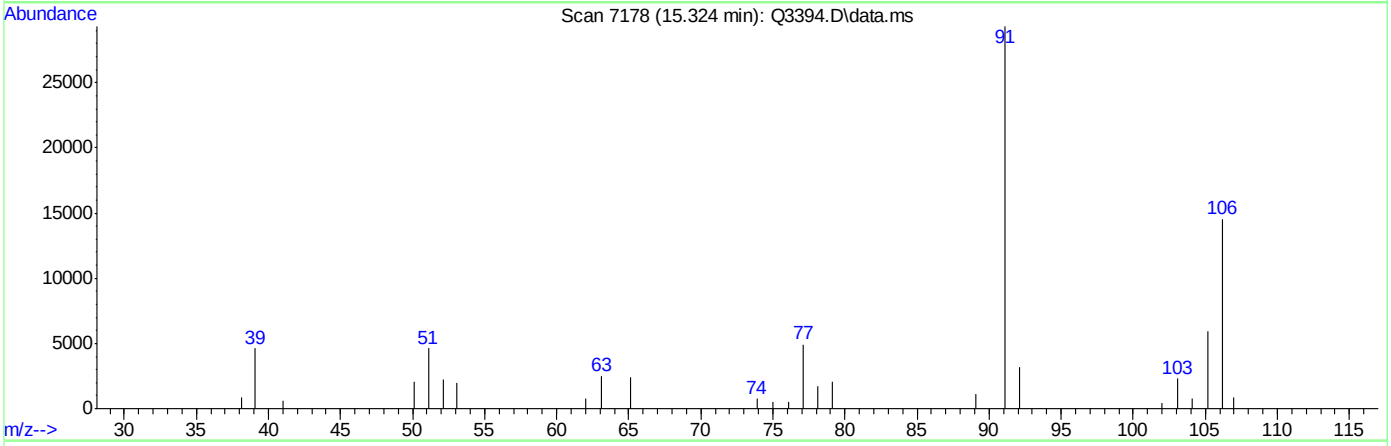
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	210.12
77.00	30.60	33.91
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3394.D
Acq On    : 16 May 2007  10:02 am
Operator  : PhilipB
Sample    : IC185-.5 (M044)
Misc      : MS13535,MSQ185,,,,,1
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: May 16 11:07:00 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:05:58 2007
Response via : Initial Calibration
```



TIC: Q3394.D\data.ms

(56) m,p-XYLENE (m)

15.324min (0.000) 1.22PPBV m

response 36245

Ion	Exp%	Act%
106.00	100	100
91.00	204.20	201.36
77.00	30.60	33.68
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
05/16/07 18:03

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3395.D
Acq On : 16 May 2007 11:30 am
Operator : PhilipB
Sample : ICV185-10 (M068)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 16 12:01:33 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.422	128	112237	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.346	114	552463	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.696	117	465922	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.334	95	203278	5.08	PPBV	0.00
Spiked Amount 5.000	Range 57 - 139		Recovery = 101.60%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	3.591	85	933615	9.96	PPBV	84
3) PROPYLENE	3.519	41	339794	10.23	PPBV #	82
4) FREON 114	3.854	85	980986	10.31	PPBV #	100
5) CHLOROMETHANE	3.758	50	431076	10.30	PPBV	96
6) VINYL CHLORIDE	3.980	62	358368	10.35	PPBV	72
7) 1,3-BUTADIENE	4.118	39	346366	9.80	PPBV #	100
8) BROMOMETHANE	4.395	94	311766	11.42	PPBV #	100
9) CHLOROETHANE	4.569	64	150791	10.27	PPBV #	100
10) TRICHLOROFLUOROMETHANE	5.387	101	998039	9.68	PPBV #	100
11) ISOPROPYL ALCOHOL	5.441	45	543958	8.26	PPBV	94
12) ACETONE	5.185	43	559095	9.55	PPBV #	72
13) PENTANE	5.767	42	270295	8.47	PPBV #	100
14) 1,1-DICHLOROETHYLENE	6.067	96	271220	9.86	PPBV #	21
15) CARBON DISULFIDE	6.521	76	548241	8.22	PPBV	67
16) ETHANOL	4.669	45	120941	8.97	PPBV #	100
17) BROMOETHENE	4.938	106	311197	11.68	PPBV #	100
18) METHYLENE CHLORIDE	6.190	84	216261	10.40	PPBV #	1
19) 3-CHLOROPROPENE	6.319	39	177450	7.81	PPBV #	1
20) FREON 113	6.468	151	475296	9.79	PPBV #	100
21) TRANS-1,2-DICHLOROETHY...	7.182	96	221251	9.28	PPBV #	100
22) TERTIARY BUTYL ALCOHOL	6.090	59	553417	9.42	PPBV #	100
23) METHYL TERTIARY BUTYL ...	7.444	73	512460	9.34	PPBV #	100
24) TETRAHYDROFURAN	8.955	42	280511	8.29	PPBV #	100
25) HEXANE	8.458	57	296306	8.03	PPBV #	100
26) VINYL ACETATE	7.535	43	449431	7.40	PPBV	90
27) 1,1-DICHLOROETHANE	7.389	63	412351	8.58	PPBV #	100
28) METHYL ETHYL KETONE	7.792	43	660301	9.83	PPBV	85
29) cis-1,2-DICHLOROETHYLENE	8.248	96	161193	8.90	PPBV #	100
30) ETHYL ACETATE	8.463	43	884822	8.06	PPBV	100
31) CHLOROFORM	8.554	83	444254	8.73	PPBV #	100
32) 1,1,1-TRICHLOROETHANE	9.551	97	507726	9.90	PPBV	91
33) CARBON TETRACHLORIDE	10.158	117	574233	10.21	PPBV	94
34) 1,2-DICHLOROETHANE	9.297	62	401657	9.78	PPBV	99
36) BENZENE	10.012	78	467969	8.15	PPBV	90
37) CYCLOHEXANE	10.286	84	179321	9.32	PPBV #	43
38) TRICHLOROETHYLENE	11.049	95	273817	8.75	PPBV	91
39) 1,2-DICHLOROPROPANE	10.818	63	214608	7.85	PPBV #	65
40) BROMODICHLOROMETHANE	11.013	83	478765	8.99	PPBV	98
41) 2,2,4-TRIMETHYLPENTANE	11.076	57	1021733	7.62	PPBV	96
42) 1,4-DIOXANE	11.040	88	89454	8.58	PPBV #	50
43) HEPTANE	11.326	43	444377	7.75	PPBV #	79

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3395.D
Acq On : 16 May 2007 11:30 am
Operator : PhilipB
Sample : ICV185-10 (M068)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 16 12:01:33 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration

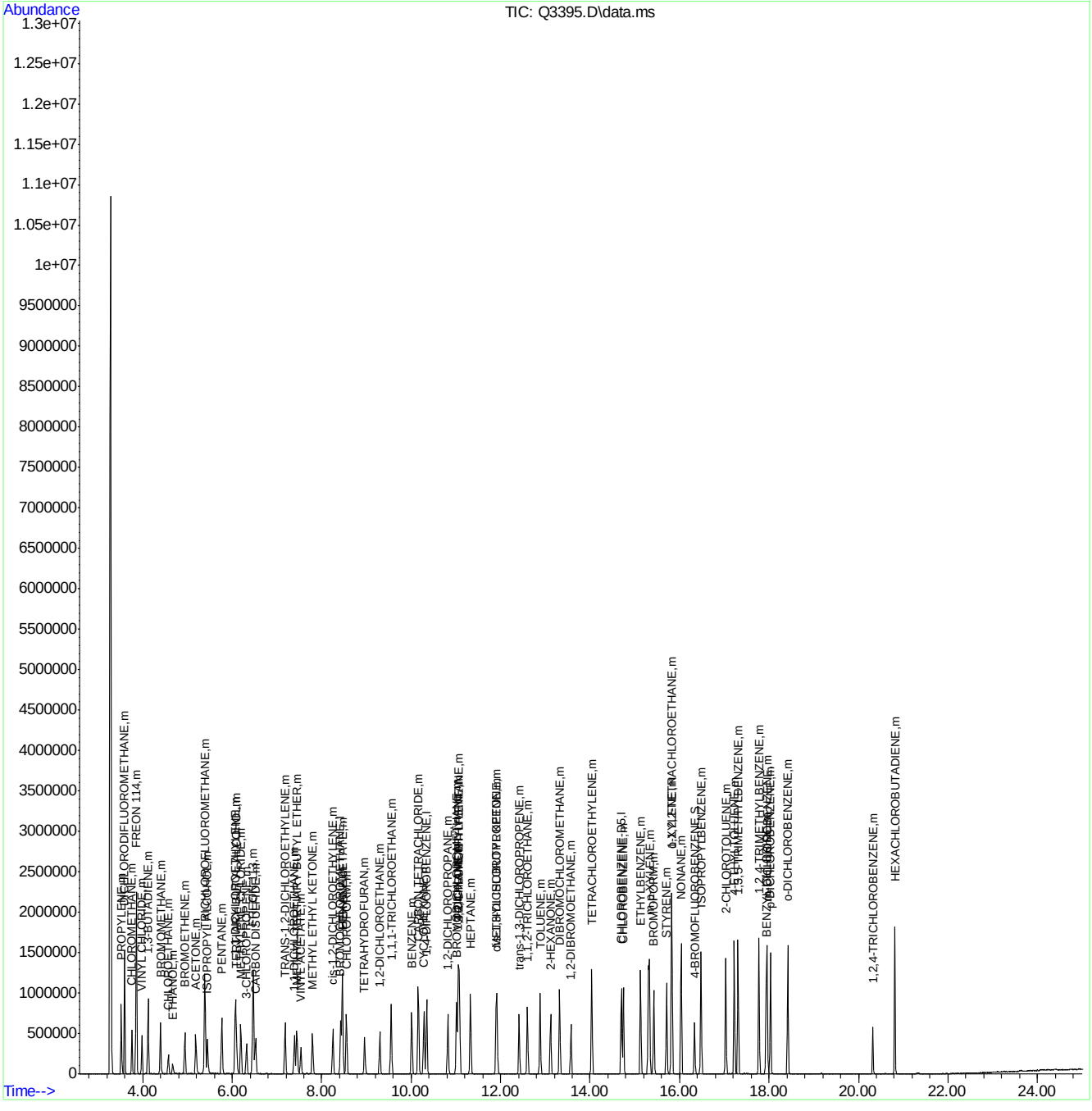
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.919	43	608279	7.38	PPBV	95
45) cis-1,3-DICHLOROPROPENE	11.895	75	296186	8.13	PPBV	100
46) TOLUENE	12.884	92	333074	8.78	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.414	75	312538	9.99	PPBV #	99
48) 1,1,2-TRICHLOROETHANE	12.598	83	181207	7.88	PPBV	95
50) 2-HEXANONE	13.117	43	535705	8.12	PPBV	98
51) TETRACHLOROETHYLENE	14.038	164	201684	12.35	PPBV #	85
52) DIBROMOCHLOROMETHANE	13.319	129	476311	10.28	PPBV	99
53) 1,2-DIBROMOETHANE	13.571	107	371418	9.23	PPBV	99
54) CHLOROBENZENE	14.744	112	456330	9.25	PPBV	94
55) ETHYLBENZENE	15.127	91	804836	9.29	PPBV	96
56) m,p-XYLENE	15.326	106	584358m	18.35	PPBV	
57) o-XYLENE	15.830	106	298030	9.05	PPBV	92
58) STYRENE	15.709	104	424241	10.29	PPBV	100
59) NONANE	16.036	43	682624	7.80	PPBV	85
60) BROMOFORM	15.422	173	404770	11.12	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.821	83	489985	8.39	PPBV	94
63) ISOPROPYLBENZENE	16.480	105	891517	9.33	PPBV	97
64) 2-CHLOROTOLUENE	17.030	91	692087	9.28	PPBV	95
65) 4-ETHYLTOLUENE	17.223	105	864394	10.28	PPBV	95
66) 1,3,5-TRIMETHYLBENZENE	17.307	105	789519	9.69	PPBV	94
67) 1,2,4-TRIMETHYLBENZENE	17.773	105	766252	9.93	PPBV	94
68) m-DICHLOROBENZENE	17.956	146	468863	10.39	PPBV	96
69) BENZYL CHLORIDE	17.935	91	591891	11.28	PPBV	94
70) p-DICHLOROBENZENE	18.031	146	451240	10.85	PPBV	95
71) o-DICHLOROBENZENE	18.420	146	472060	11.68	PPBV	95
72) HEXACHLOROBUTADIENE	20.812	225	200903	14.94	PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.322	180	111042	14.53	PPBV	95

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3395.D
Acq On : 16 May 2007 11:30 am
Operator : PhilipB
Sample : ICV185-10 (M068)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 3 Sample Multiplier: 1

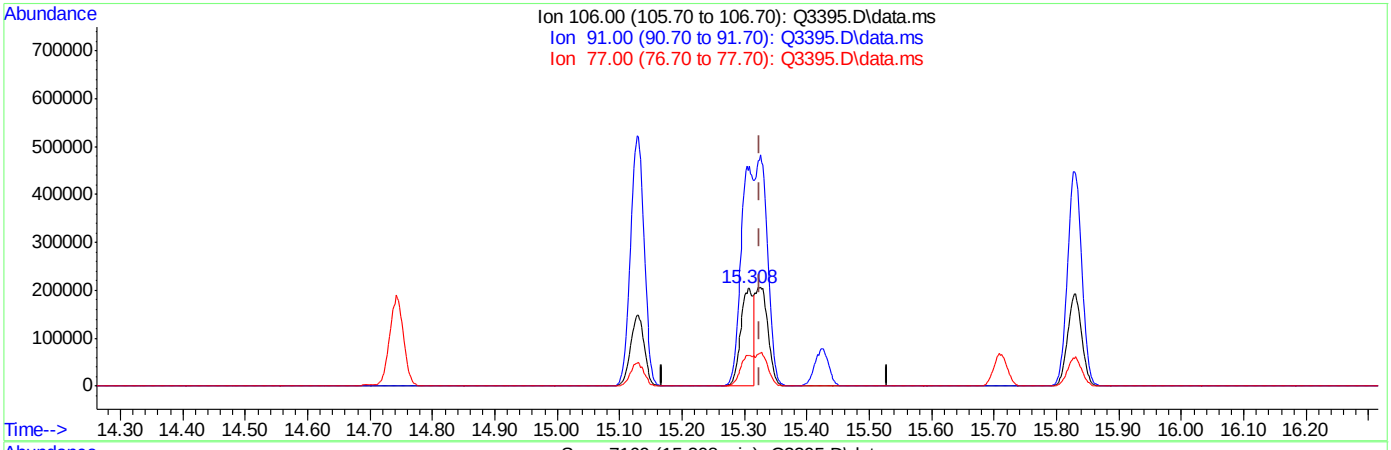
Quant Time: May 16 12:01:33 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration

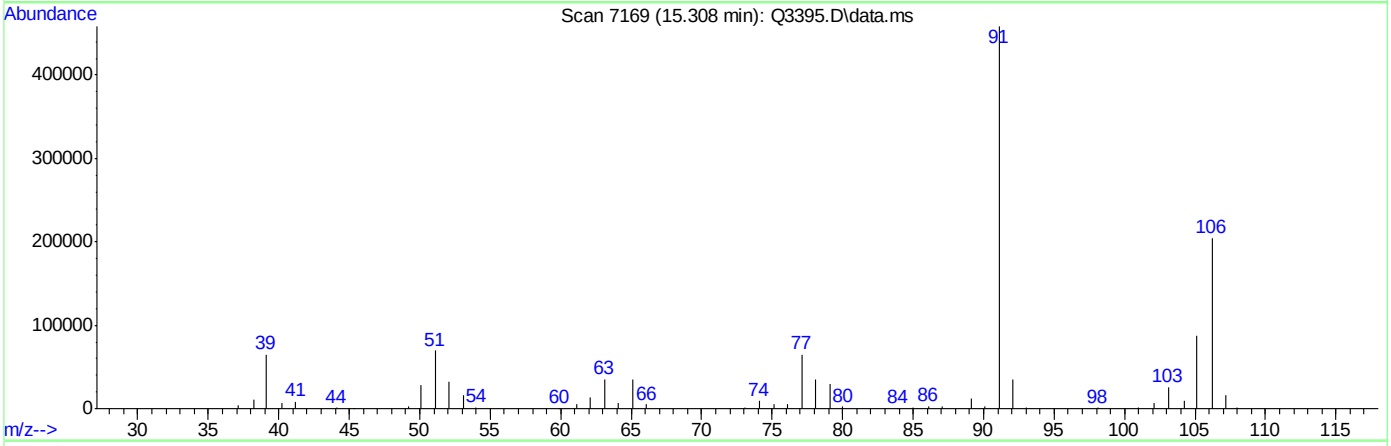


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3395.D
Acq On : 16 May 2007 11:30 am
Operator : PhilipB
Sample : ICV185-10 (M068)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 16 12:01:19 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration





TIC: Q3395.D\data.ms

(56) m,p-XYLENE (m)

15.308min (-0.016) 9.26PPBV

response 294924

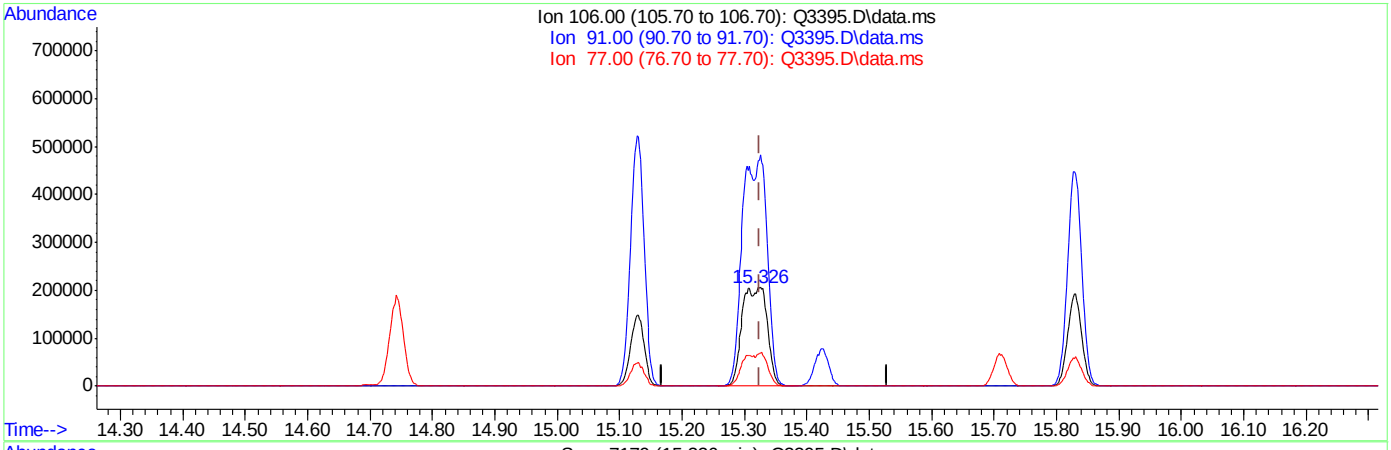
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	223.98
77.00	30.60	31.66
0.00	0.00	0.00

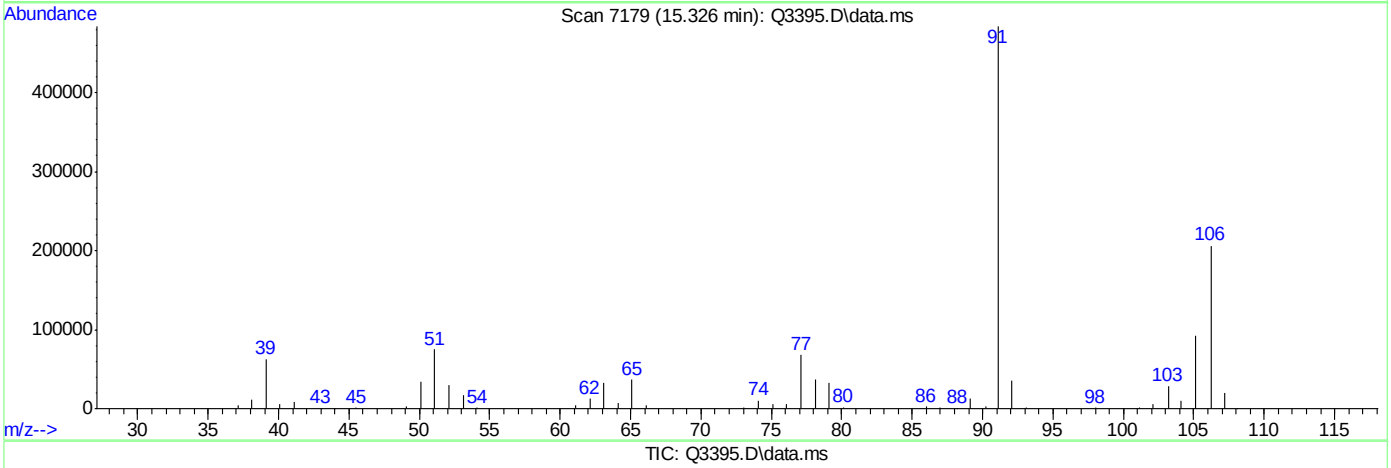
ACCUTEST Laboratories M64901

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3395.D
Acq On : 16 May 2007 11:30 am
Operator : PhilipB
Sample : ICV185-10 (M068)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 16 12:01:19 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration





TIC: Q3395.D\data.ms

(56) m,p-XYLENE (m)

15.326min (+0.002) 18.35PPBV m

response 584358

Ion	Exp%	Act%
106.00	100	100
91.00	204.20	234.69
77.00	30.60	32.86
0.00	0.00	0.00

ACCUTEST Laboratories M64901

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
05/23/07 10:30

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3453.D
Acq On : 18 May 2007 4:25 pm
Operator : PhilipB
Sample : CC185-10 (M068)
Misc : MS13593,MSQ188,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 21 09:23:45 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.427	128	116026	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.346	114	549054	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.696	117	452086	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.334	95	193517	4.98	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 99.60%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	3.600	85	769649	7.95	PPBV	83
3) PROPYLENE	3.529	41	192168	5.60	PPBV	92
4) FREON 114	3.865	85	784945	7.98	PPBV #	100
5) CHLOROMETHANE	3.767	50	306658	7.09	PPBV	98
6) VINYL CHLORIDE	3.989	62	262022	7.32	PPBV	72
7) 1,3-BUTADIENE	4.129	39	297618	8.15	PPBV #	100
8) BROMOMETHANE	4.406	94	260824	9.00	PPBV #	100
9) CHLOROETHANE	4.580	64	134981	8.89	PPBV #	100
10) TRICHLOROFLUOROMETHANE	5.396	101	1057835	9.93	PPBV #	100
11) ISOPROPYL ALCOHOL	5.446	45	617421	9.07	PPBV	99
12) ACETONE	5.194	43	634551	10.48	PPBV #	75
13) PENTANE	5.774	42	427002	12.95	PPBV #	100
14) 1,1-DICHLOROETHYLENE	6.078	96	297750	10.47	PPBV #	4
15) CARBON DISULFIDE	6.528	76	785023	11.39	PPBV #	55
16) ETHANOL	4.679	45	111809	8.03	PPBV #	100
17) BROMOETHENE	4.951	106	275407	9.83	PPBV #	100
18) METHYLENE CHLORIDE	6.200	84	270834	12.87	PPBV #	1
19) 3-CHLOROPROPENE	6.323	39	342653	14.93	PPBV #	1
20) FREON 113	6.472	151	517658	10.31	PPBV #	100
21) TRANS-1,2-DICHLOROETHY...	7.185	96	266584	10.82	PPBV #	100
22) TERTIARY BUTYL ALCOHOL	6.094	59	650003	10.71	PPBV #	100
23) METHYL TERTIARY BUTYL ...	7.448	73	586156	10.34	PPBV #	100
24) TETRAHYDROFURAN	8.960	42	298209	8.53	PPBV #	100
25) HEXANE	8.463	57	349186	9.15	PPBV #	100
26) VINYL ACETATE	7.538	43	810715	12.92	PPBV	86
27) 1,1-DICHLOROETHANE	7.396	63	617587	12.42	PPBV #	100
28) METHYL ETHYL KETONE	7.797	43	615523	8.87	PPBV	89
29) cis-1,2-DICHLOROETHYLENE	8.257	96	159221	8.51	PPBV #	100
30) ETHYL ACETATE	8.466	43	1094387	9.64	PPBV	100
31) CHLOROFORM	8.557	83	508257	9.66	PPBV #	100
32) 1,1,1-TRICHLOROETHANE	9.553	97	502888	9.49	PPBV #	87
33) CARBON TETRACHLORIDE	10.160	117	550181	9.46	PPBV	93
34) 1,2-DICHLOROETHANE	9.301	62	405491	9.55	PPBV	99
36) BENZENE	10.012	78	482502	8.46	PPBV	88
37) CYCLOHEXANE	10.286	84	173882	9.10	PPBV #	31
38) TRICHLOROETHYLENE	11.051	95	298238	9.59	PPBV #	81
39) 1,2-DICHLOROPROPANE	10.818	63	234897	8.65	PPBV #	64
40) BROMODICHLOROMETHANE	11.013	83	500573	9.46	PPBV	97
41) 2,2,4-TRIMETHYLPENTANE	11.077	57	1217357	9.14	PPBV #	91
42) 1,4-DIOXANE	11.043	88	89283	8.62	PPBV #	20
43) HEPTANE	11.326	43	530049	9.30	PPBV #	75

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3453.D
Acq On : 18 May 2007 4:25 pm
Operator : PhilipB
Sample : CC185-10 (M068)
Misc : MS13593,MSQ188,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 21 09:23:45 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration

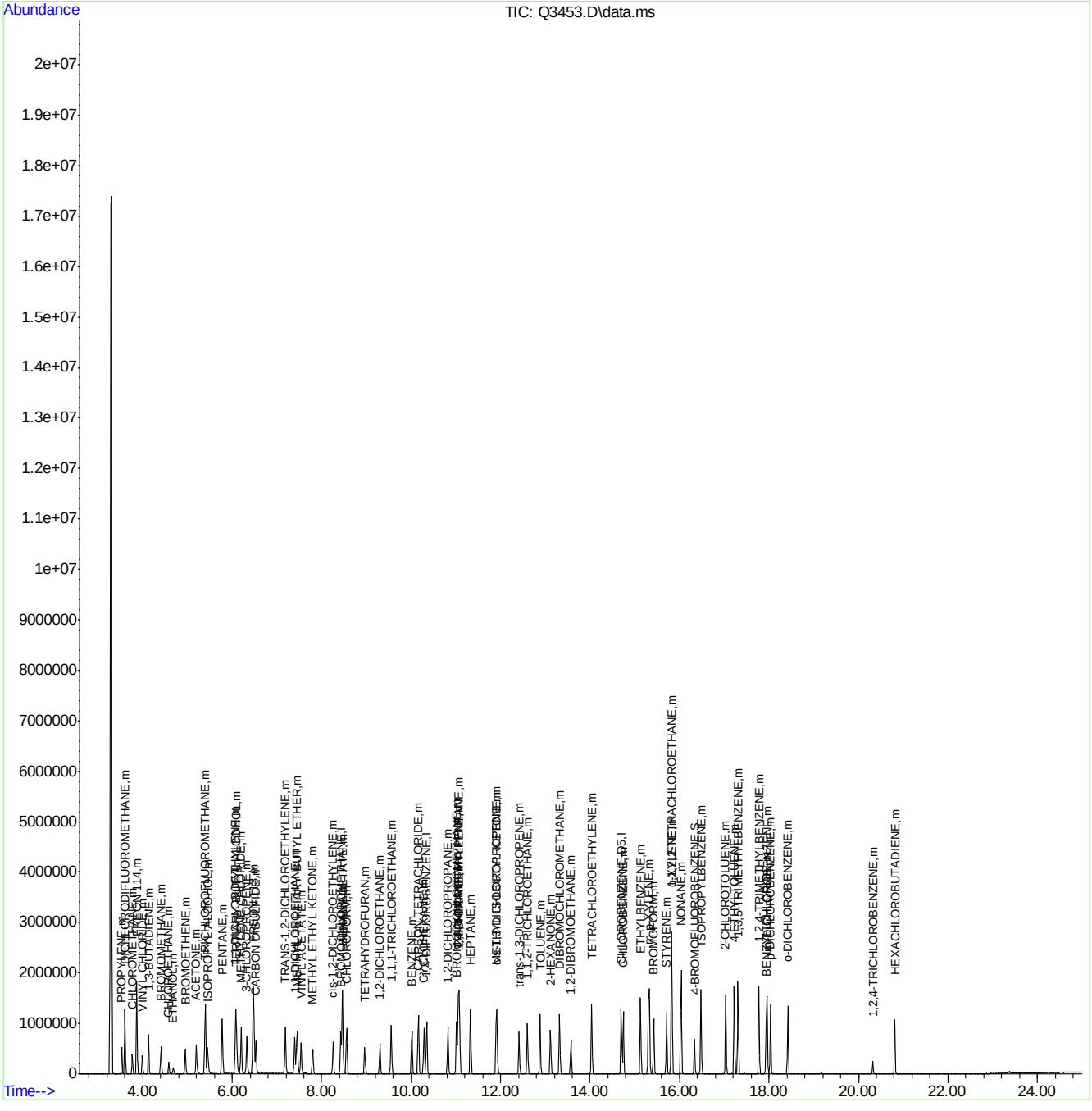
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.917	43	763748	9.32	PPBV	91
45) cis-1,3-DICHLOROPROPENE	11.901	75	297051	8.21	PPBV #	82
46) TOLUENE	12.882	92	335612	8.90	PPBV	96
47) trans-1,3-DICHLOROPROPENE	12.412	75	290439	9.34	PPBV #	100
48) 1,1,2-TRICHLOROETHANE	12.596	83	205575	9.00	PPBV	90
50) 2-HEXANONE	13.113	43	618677	9.67	PPBV	93
51) TETRACHLOROETHYLENE	14.038	164	162438	10.57	PPBV #	77
52) DIBROMOCHLOROMETHANE	13.319	129	452791	10.08	PPBV	99
53) 1,2-DIBROMOETHANE	13.573	107	361542	9.26	PPBV	98
54) CHLOROBENZENE	14.742	112	436720	9.12	PPBV	87
55) ETHYLBENZENE	15.125	91	820268	9.76	PPBV	93
56) m,p-XYLENE	15.322	106	592712m	19.18	PPBV	
57) o-XYLENE	15.825	106	306677	9.60	PPBV #	83
58) STYRENE	15.708	104	372733	9.32	PPBV	97
59) NONANE	16.034	43	867726	10.22	PPBV	81
60) BROMOFORM	15.422	173	341268	9.66	PPBV	98
62) 1,1,2,2-TETRACHLOROETHANE	15.819	83	610636	10.78	PPBV	95
63) ISOPROPYLBENZENE	16.480	105	835104	9.01	PPBV	92
64) 2-CHLOROTOLUENE	17.030	91	649752	8.98	PPBV	86
65) 4-ETHYLTOLUENE	17.223	105	790448	9.69	PPBV	91
66) 1,3,5-TRIMETHYLBENZENE	17.307	105	738217	9.34	PPBV	91
67) 1,2,4-TRIMETHYLBENZENE	17.772	105	676918	9.04	PPBV	89
68) m-DICHLOROBENZENE	17.958	146	344906	7.88	PPBV	93
69) BENZYL CHLORIDE	17.935	91	470116	9.23	PPBV	88
70) p-DICHLOROBENZENE	18.029	146	306424	7.59	PPBV	92
71) o-DICHLOROBENZENE	18.419	146	284356	7.25	PPBV	90
72) HEXACHLOROBUTADIENE	20.810	225	73139	7.49	PPBV	96
73) 1,2,4-TRICHLOROBENZENE	20.320	180	30752	5.52	PPBV	95

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3453.D
Acq On : 18 May 2007 4:25 pm
Operator : PhilipB
Sample : CC185-10 (M068)
Misc : MS13593,MSQ188,,,,,1
ALS Vial : 1 Sample Multiplier: 1

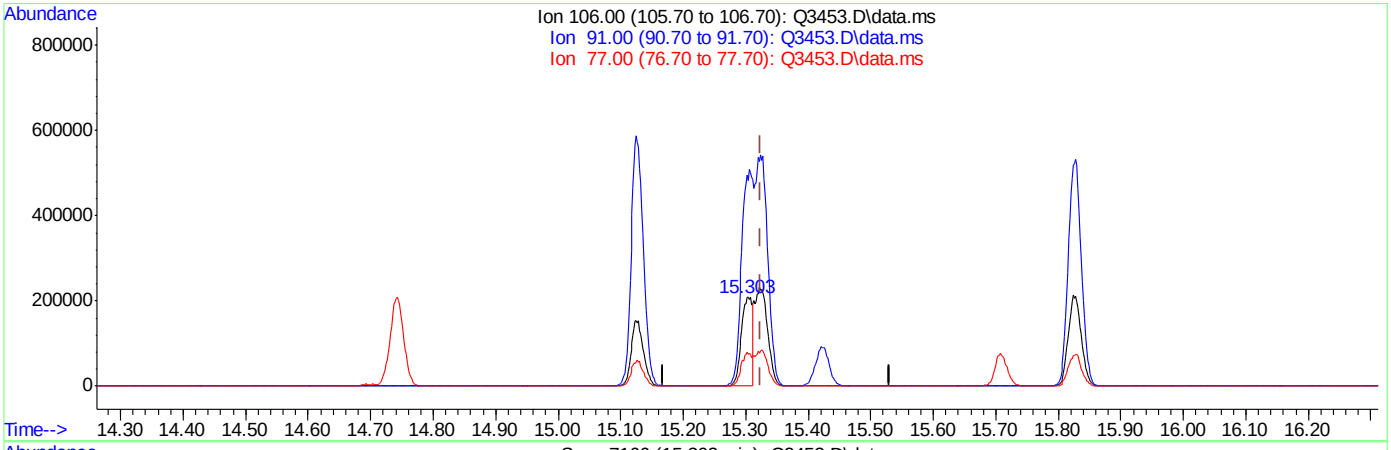
Quant Time: May 21 09:23:45 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration

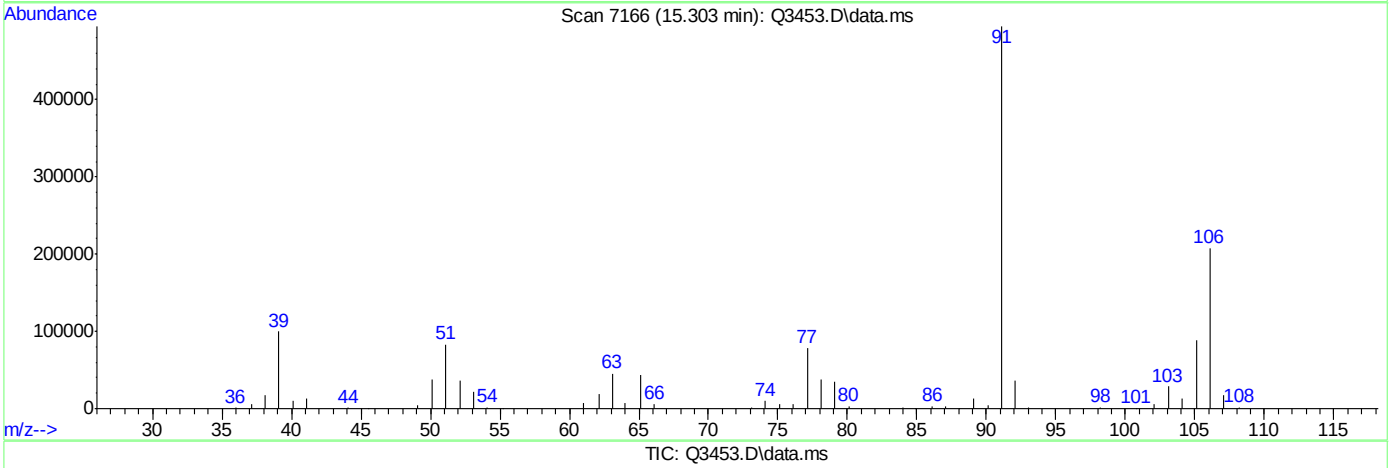


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3453.D
Acq On : 18 May 2007 4:25 pm
Operator : PhilipB
Sample : CC185-10 (M068)
Misc : MS13593,MSQ188,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 21 09:22:53 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration





TIC: Q3453.D\data.ms

(56) m,p-XYLENE (m)

15.303min (-0.021) 8.50PPBV

response 262544

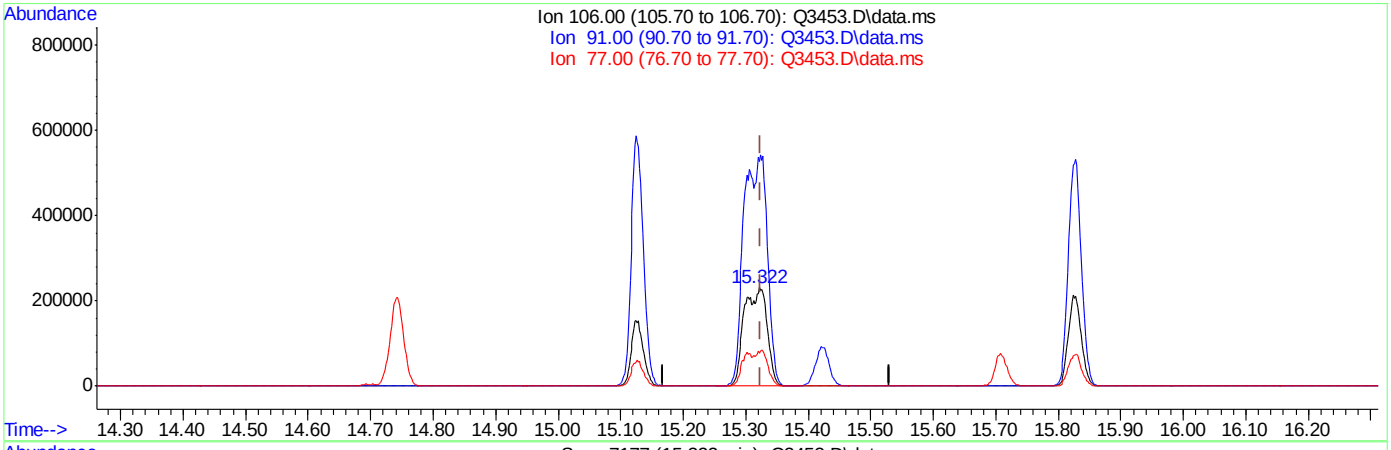
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	237.65
77.00	30.60	37.92#
0.00	0.00	0.00

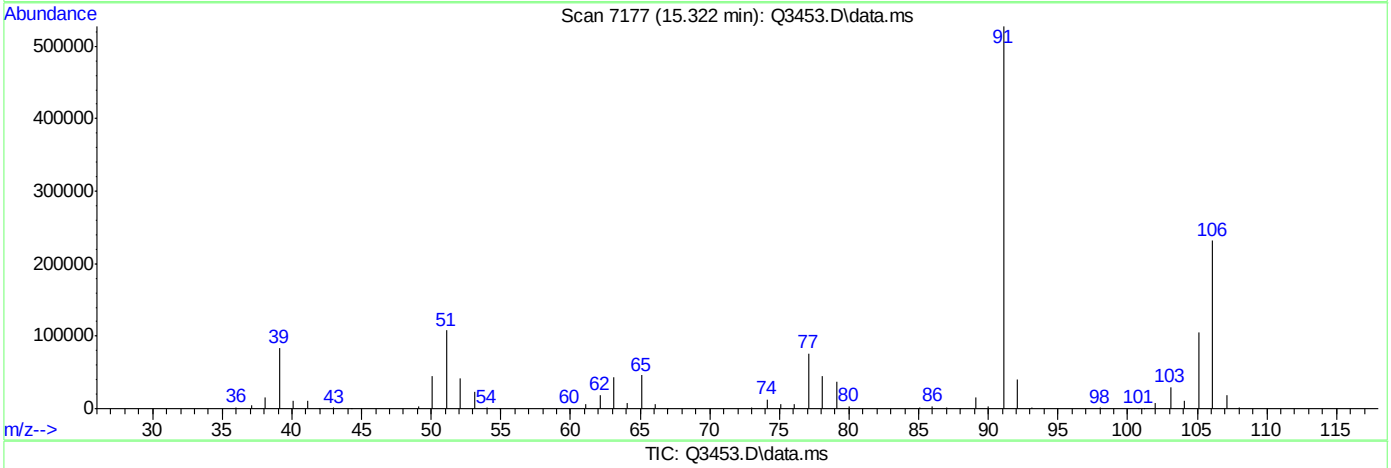
ACCUTEST Laboratories M64901

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3453.D
Acq On    : 18 May 2007   4:25 pm
Operator  : PhilipB
Sample    : CC185-10 (M068)
Misc      : MS13593,MSQ188,,,,,1
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: May 21 09:22:53 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration
```



TIC: Q3453.D\data.ms

(56) m,p-XYLENE (m)

15.322min (-0.002) 19.18PPBV m

response 592712

Ion	Exp%	Act%
106.00	100	100
91.00	204.20	227.75
77.00	30.60	32.92
0.00	0.00	0.00

Standard Lot #	
Calib STD 1	MSA329
Calib STD 2	MSA330
ICV	MSA331
Inter/Surr STD	MSA218
BS/BSD	MSA331

File ID	
Tune File 1	Q3333.D
Tune File 2	NA
Initial Cal.	5-3-07
ID FILE	Q050307T.M
Instrument ID	Q
ICAL:	Q3341A.D
Column Type:	RTX-1
Sequence Verified By:	PB 5-4-07

Date:	5/3/2007
Analyst:	PHILIPB
Batch ID:	MSQ180
Matrix:	AIR
Approved By:	DOUGY
Date Approved:	5/21/2007 5:29:15 PM

Data File	Sample ID	Bot #	Work Group #	Test	ALS #	Sample Vol (mls)	Diln Factor	Flow controller ID	Comment
Q3333	IC180-40	M105	MSA329	VTO15STD	1		1	NA	O.K.; BFB
Q3334	IC180-20	M105	MSA329	VTO15STD	1		1	NA	O.K,
Q3335	ICC180-10	M105	MSA329	VTO15STD	1		1	NA	O.K.
Q3336	IC180-5	M105	MSA329	VTO15STD	1		1	NA	O.K.
Q3337	IC180-2	M105	MSA329	VTO15STD	1		1	NA	O.K.
Q3338	IC180-.5	M057	MSA330	VTO15STD	2		1	NA	O.K.
Q3339	IC180-.2	M057	MSA330	VTO15STD	2		1	NA	O.K.
Q3340	ICV180-10	M148	MSA331	VTO15STD	3		1	NA	Gases low; possible trap temp error; Re-run.

Standard Lot #	
Calib STD 1	MSA329
Calib STD 2	MSA330
ICV	MSA331
Inter/Surr STD	MSA218
BS/BSD	MSA331

File ID	
Tune File 1	Q3341.D
Tune File 2	NA
Initial Cal.	5-3-07
ID FILE	Q050307T.M
Instrument ID	
ICAL:	Q3341A.D
Column Type:	RTX-1
Sequence Verified By:	PB 5-7-07

Date:	5/4/2007
Analyst:	PHILIPB
Batch ID:	MSQ181
Matrix:	AIR
Approved By:	DOUGY
Date Approved:	5/21/2007 5:29:38 PM

Data File	Sample ID	Bot #	Work Group #	Test	ALS #	Sample Vol (mls)	Diln Factor	Flow controller ID	Comment
3341	CC180-10	M148	MSA331	VTO15STD	3		1	NA	O.K.: BFB
3341A	ICV180-10	M148	MSA331	VTO15STD	3		1	NA	O.K.
3341B	BS	M148	MSA331	VTO15STD	3		1	NA	O.K.
3342	MB	M116	MS13500	VTO15STD	4		1	NA	O.K.
3343	M64501-1	M042	MS13500	VTO15SL	5		1	MC061	O.K.
3344	M64501-1DUP	M042	MS13500	VTO15SL	5		1	MC061	O.K.
3345	M64501-2	M142	MS13500	VTO15SL	6		1	MC049	O.K.
3346	M64501-3	M068	MS13500	VTO15SL	7		1	MC065	O.K.
3347	M64501-4	M125	MS13500	VTO15SL	8		1	MC040	O.K.
3348	M64501-5	M114	MS13500	VTO15SL	9		1	MC027	Temp. control fualt on 7100; re-run.
3349	M64501-6	M066	MS13500	VTO15SL	10		1	MC008	O.K.
3350	M64501-7	M044	MS13500	VTO15SL	11		1	MC059	O.K.
3351	M64501-8	M098	MS13500	VTO15SL	12		1	MC028	O.K.
3352	M64501-9	M170	MS13500	VTO15SL	13		1	MC032	O.K.
3353	M64501-5	M114	MS13500	VTO15SL	9		1	MC027	O.K.

Standard Lot #	
Calib STD 1	MSA329
Calib STD 2	MSA330
ICV	MSA331
Inter/Surr STD	MSA218
BS/BSD	MSA331

File ID	
Tune File 1	Q3355.D
Tune File 2	NA
Initial Cal.	5-3-07
ID FILE	J050307T.M
Instrument ID	Q
ICAL:	Q3341A.D
Column Type:	RTX-1
Sequence Verified By:	PB 5-8-07

Date:	5/7/2007
Analyst:	PHILIPB
Batch ID:	MSQ182
Matrix:	AIR
Approved By:	DOUGY
Date Approved:	5/24/2007 10:13:11 AM

Data File	Sample ID	Bot #	Work Group #	Test	ALS #	Sample Vol (mls)	Diln Factor	Flow controller ID	Comment
Q3354	CC180-10	M148	MSA331	VTO15STD	3		1	NA	ISTD low; re-run
Q3355	CC180-10	M148	MSA331	VTO15STD	3		1	NA	O.K.; BFB
Q3355A	BS	M148	MSA331	VTO15STD	3		1	NA	O.K.
Q3356	MB	M111	CP407	VTO15STD	4		1	NA	O.K.
Q3356A	M64240-2	M111	MS13508	VTO15STD	4		1	NA	O.K.
Q3357	M64265-3	M149	MS13508	VTO15STD	14		1	NA	O.K.
Q3358	M64265-3DUP	M149	MS13508	VTO15STD	14		1	NA	O.K.
Q3359	M64240-3	M155	MS13508	VTO15STD	1		1	NA	O.K.
Q3360	M64240-4	M021	MS13508	VTO15STD	1		1	NA	O.K.
Q3361	M64240-5	M140	MS13508	VTO15STD	1		1	NA	O.K.
Q3362	M64240-6	M136	MS13508	VTO15STD	1		1	NA	O.K.
Q3363	M64240-7	M019	MS13508	VTO15STD	1		1	NA	Instrument temp. fault; re-run.
Q3364	M64240-8	M121	MS13508	VTO15STD	1		1	NA	O.K.
Q3365	M64240-7	M019	MS13508	VTO15STD	1		1	NA	O.K.

Standard Lot #	
Calib STD 1	MSA336
Calib STD 2	MSA337
ICV	MSA338
Inter/Surr STD	MSA218
BS/BSD	NA

File ID	
Tune File 1	Q3387.D
Tune File 2	NA
Initial Cal.	5-15-07
ID FILE	Q051507T.M
Instrument ID	Q
ICAL:	Q3395.D
Column Type:	RTX-1
Sequence Verified By:	PB 5-16-07

Date:	5/15/2007
Analyst:	PHILIPB
Batch ID:	MSQ185
Matrix:	AIR
Approved By:	DOUGY
Date Approved:	5/24/2007 10:13:46 AM

Data File	Sample ID	Bot #	Work Group #	Test	ALS #	Sample Vol (mls)	Diln Factor	Flow controller ID	Comment
Q3380	BLK	M026	NA	VTO15STD	1		1	NA	O.K.
Q3381	BLK	M026	NA	VTO15STD	2		1	NA	O.K.
Q3382	CC180-10	M148	NA	VTO15STD	3		1	NA	Failed; re-cal
Q3383	40 PPBV	M060	MSA336	VTO15STD	4		1	NA	Late end Contamination.
Q3384	20 PPBV	M060	MSA336	VTO15STD	5		1	NA	Late end Contamination.
Q3385	10 PPBV	M060	MSA336	VTO15STD	6		1	NA	Late end Contamination.
Q3386	5 PPBV	M060	MSA336	VTO15STD	7		1	NA	Late end Contamination.
Q3387	IC185-2	M060	MSA336	VTO15STD	8		1	NA	O.K.; BFB
Q3388	IC185-.5	M044	MSA337	VTO15STD	9		1	NA	Pulse gas depleted; carry over from previous run.
Q3389	IC185-.2	M044	MSA337	VTO15STD	10		1	NA	O.K.
Q3390	IC185-40	M060	MSA336	VTO15STD	11		1	NA	O.K.
Q3391	IC185-5	M060	MSA336	VTO15STD	12		1	NA	O.K.
Q3392	IC185-20	M060	MSA336	VTO15STD	13		1	NA	O.K.
Q3393	IC185-10	M060	MSA336	VTO15STD	14		1	NA	O.K.
Q3394	IC185-.5	M044	MSA337	VTO15STD	15		1	NA	O.K.
Q3395	ICV185-10	M068	MSA338	VTO15STD	16		1	NA	O.K.

Standard Lot #	
Calib STD 1	MSA336
Calib STD 2	MSA337
ICV	MSA338
Inter/Surr STD	MSA218
BS/BSD	MSA338

File ID	
Tune File 1	Q3453.D
Tune File 2	NA
Initial Cal.	5-15-07
ID FILE	Q051507T.M
Instrument ID	Q
ICAL:	Q3395.D
Column Type:	RTX-1
Sequence Verified By:	PB 5-21-07

Date:	5/18/2007
Analyst:	PHILIPB
Batch ID:	MSQ188
Matrix:	AIR
Approved By:	DOUGY
Date Approved:	5/23/2007 10:30:26 AM

Data File	Sample ID	Bot #	Work Group #	Test	ALS #	Sample Vol (mls)	Diln Factor	Flow controller ID	Comment
Q3452	CC185-10	M068	MSA338	VTO15STD	1		1	NA	Failed; re-run
Q3453	CC185-10	M068	MSA338	VTO15STD	1		1	NA	O.K.; BFB
Q3453A	BS	M068	MSA338	VTO15STD	1		1	NA	O.K.
Q3454	BLK	M027	MS13602	VTO15STD	2		1	NA	Carryover
Q3455	MB	M027	MS13602	VTO15STD	2		1	NA	O.K.
Q3456	M64901-1	M111	MS13602	VTO15STD	3		1	MC035	O.K.
Q3457	M64901-1DUP	M111	MS13602	VTO15STD	3		1	MC035	O.K.
Q3458	M64901-2	M116	MS13602	VTO15STD	4		1	MC016	O.K.
Q3459	M64902-1	M155	MS13602	VTO15STD	5		1	MC032	O.K.
Q3460	M64902-2	M070	MS13602	VTO15STD	6		1	MC008	O.K.
Q3461	M64900-2	M066	MS13602	VTO15STD	7		1	MC114	O.K.
Q3462	M64900-2	M066	MS13602	VTO15STD	7		10	MC114	Dilution not required.
Q3463	M64754-4	M203	MS13593	VTO15STD	8		100	NA	Report with Q3435.D
Q3464	M64940-8	M170	MS13602	VTO15STD	9		1	MC045	O.K.
Q3465	M64940-1	M108	MS13602	VTO15STD	10		1	MC050	O.K.
Q3466	M64940-2	M114	MS13602	VTO15STD	11		1	MC007	O.K.
Q3467	M64940-3	M098	MS13602	VTO15STD	12		1	MC064	O.K.
Q3468	M64940-4	M026	MS13602	VTO15STD	13		1	MC116	O.K.
Q3469	M64940-5	M125	MS13602	VTO15STD	14		1	MC014	O.K.
Q3470	M64940-6	M142	MS13602	VTO15STD	15		1	MC122	O.K.
Q3471	M64940-7	M149	MS13602	VTO15STD	16		1	MC039	ISTD#2 Low; re-run.