New England ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

07/27/07

Technical Report for

GEI Consultants, Inc.

GEI Tufts Street Somerville MA

045162

Accutest Job Number: M66438

Sampling Date: 07/18/07

Report to:

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

ATTN: Raymond Siegener, Ph.D.

Total number of pages in report: **393**

ACCREDITED IN ACCORDANCE WITH nelac

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

Reza Tand
Lab Director

ACCUTEST LABORATORIES 50 YEARS 1956-2006

Client Service contact: Kristen Blanchard 508-481-6200

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

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Test results relate only to samples analyzed.

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Accutest Laboratories

Sample Summary

GEI Consultants, Inc.

Job No: M66438

GEI Tufts Street Somerville MA
Project No: 045162

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
M66438-1	07/18/07	13:37	SLS	07/20/07	AQ	Ground Water	045162-MW102
M66438-2	07/18/07	11:15	SLS	07/20/07	AQ	Ground Water	045162-MW113
M66438-3	07/18/07	16:23	SLS	07/20/07	AQ	Ground Water	045162-MW116
M66438-4	07/18/07	13:00	SLS	07/20/07	AQ	Ground Water	045162-MW900
M66438-5	07/18/07	14:00	SLS	07/20/07	AQ	Ground Water	045162-MW901
M66438-6	07/18/07	15:45	TC	07/20/07	AQ	Ground Water	045162-MW107
M66438-7	07/18/07	11:45	TAD	07/20/07	AQ	Ground Water	045162-MW108
M66438-8	07/18/07	16:00	TC	07/20/07	AQ	Ground Water	045162-MW111
M66438-9	07/18/07	13:10	TAD	07/20/07	AQ	Ground Water	045162-MW112A
M66438-10	07/18/07	15:30	TAD	07/20/07	AQ	Ground Water	045162-MW114
M66438-11	07/18/07	10:05	TCS	07/20/07	AQ	Ground Water	045162-MW115R
M66438-12	07/18/07	14:59	TAD	07/20/07	AQ	Ground Water	045162-MW117S

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:	GEI Consultants, Inc.	**Job No**	M66438
Site:	GEI Tufts Street Somerville MA	**Report Date**	7/27/2007 10:43:43 AM

12 Sample(s) were collected on 07/18/2007 and were received at Accutest on 07/20/2007 properly preserved, at 3.2 Deg. C and intact. These Samples received an Accutest job number of M66438. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

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

Volatiles by GCMS By Method SW846 8260B

Matrix AQ **Batch ID:** MSG2884

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) M66418-3MS, M66418-3MSD were used as the QC samples indicated.

Matrix AQ **Batch ID:** MSG2886

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) M66438-1MS, M66438-1MSD were used as the QC samples indicated.
- Sample M66438-9 has internal standard TBA-d9 outside control limits. Target alalytes not associated with this internal standard.

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(M66438).

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	045162-MW102		
Lab Sample ID:	M66438-1	**Date Sampled:**	07/18/07
Matrix:	AQ - Ground Water	**Date Received:**	07/20/07
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GEI Tufts Street Somerville MA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G71855.D	1	07/23/07	KT	n/a	n/a	MSG2884
Run #2	G71899.D	10	07/24/07	KT	n/a	n/a	MSG2886

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA MCP List

CAS No.	Compound	Result	RL	MDL	Units	Q
56-23-5	Carbon tetrachloride	ND	1.0	0.21	ug/l	
75-00-3	Chloroethane	ND	2.0	0.65	ug/l	
75-34-3	1,1-Dichloroethane	0.42	1.0	0.18	ug/l	J
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethene	23.6	1.0	0.35	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.40	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.22	ug/l	
127-18-4	Tetrachloroethene	524 [a]	10	3.4	ug/l	
71-55-6	1,1,1-Trichloroethane	26.3	1.0	0.21	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.32	ug/l	
79-01-6	Trichloroethene	46.1	1.0	0.30	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.24	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%	100%	84-129%
2037-26-5	Toluene-D8	97%	96%	80-120%
460-00-4	4-Bromofluorobenzene	100%	96%	82-118%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	045162-MW113		
Lab Sample ID:	M66438-2	**Date Sampled:**	07/18/07
Matrix:	AQ - Ground Water	**Date Received:**	07/20/07
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GEI Tufts Street Somerville MA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G71856.D	1	07/23/07	KT	n/a	n/a	MSG2884
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA MCP List

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

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

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	045162-MW116		
Lab Sample ID:	M66438-3	**Date Sampled:**	07/18/07
Matrix:	AQ - Ground Water	**Date Received:**	07/20/07
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GEI Tufts Street Somerville MA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G71857.D	1	07/23/07	KT	n/a	n/a	MSG2884
Run #2	G71902.D	10	07/24/07	KT	n/a	n/a	MSG2886

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA MCP List

CAS No.	Compound	Result	RL	MDL	Units	Q
56-23-5	Carbon tetrachloride	ND	1.0	0.21	ug/l	
75-00-3	Chloroethane	2.4	2.0	0.65	ug/l	
75-34-3	1,1-Dichloroethane	97.3	1.0	0.18	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethene	33.8	1.0	0.35	ug/l	
156-59-2	cis-1,2-Dichloroethene	415 [a]	10	3.6	ug/l	
156-60-5	trans-1,2-Dichloroethene	4.3	1.0	0.40	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.22	ug/l	
127-18-4	Tetrachloroethene	167	1.0	0.34	ug/l	
71-55-6	1,1,1-Trichloroethane	10.6	1.0	0.21	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.32	ug/l	
79-01-6	Trichloroethene	72.7	1.0	0.30	ug/l	
75-01-4	Vinyl chloride	185	1.0	0.24	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%	99%	84-129%
2037-26-5	Toluene-D8	96%	97%	80-120%
460-00-4	4-Bromofluorobenzene	98%	96%	82-118%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	045162-MW900		
Lab Sample ID:	M66438-4	**Date Sampled:**	07/18/07
Matrix:	AQ - Ground Water	**Date Received:**	07/20/07
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GEI Tufts Street Somerville MA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G71858.D	1	07/23/07	KT	n/a	n/a	MSG2884
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA MCP List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		84-129%
2037-26-5	Toluene-D8	100%		80-120%
460-00-4	4-Bromofluorobenzene	100%		82-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	045162-MW901		
Lab Sample ID:	M66438-5	**Date Sampled:**	07/18/07
Matrix:	AQ - Ground Water	**Date Received:**	07/20/07
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GEI Tufts Street Somerville MA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G71859.D	1	07/23/07	KT	n/a	n/a	MSG2884
Run #2	G71903.D	10	07/24/07	KT	n/a	n/a	MSG2886

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA MCP List

CAS No.	Compound	Result	RL	MDL	Units	Q
56-23-5	Carbon tetrachloride	ND	1.0	0.21	ug/l	
75-00-3	Chloroethane	2.3	2.0	0.65	ug/l	
75-34-3	1,1-Dichloroethane	96.9	1.0	0.18	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethene	34.0	1.0	0.35	ug/l	
156-59-2	cis-1,2-Dichloroethene	431 [a]	10	3.6	ug/l	
156-60-5	trans-1,2-Dichloroethene	4.4	1.0	0.40	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.22	ug/l	
127-18-4	Tetrachloroethene	168	1.0	0.34	ug/l	
71-55-6	1,1,1-Trichloroethane	10.7	1.0	0.21	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.32	ug/l	
79-01-6	Trichloroethene	73.2	1.0	0.30	ug/l	
75-01-4	Vinyl chloride	182	1.0	0.24	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%	100%	84-129%
2037-26-5	Toluene-D8	98%	96%	80-120%
460-00-4	4-Bromofluorobenzene	102%	96%	82-118%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	045162-MW107		
Lab Sample ID:	M66438-6	**Date Sampled:**	07/18/07
Matrix:	AQ - Ground Water	**Date Received:**	07/20/07
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GEI Tufts Street Somerville MA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G71895.D	1	07/24/07	KT	n/a	n/a	MSG2886
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA MCP List

CAS No.	Compound	Result	RL	MDL	Units	Q
56-23-5	Carbon tetrachloride	ND	1.0	0.21	ug/l	
75-00-3	Chloroethane	ND	2.0	0.65	ug/l	
75-34-3	1,1-Dichloroethane	0.52	1.0	0.18	ug/l	J
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.35	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.40	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.22	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.34	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.21	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.32	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.30	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.24	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		84-129%
2037-26-5	Toluene-D8	96%		80-120%
460-00-4	4-Bromofluorobenzene	94%		82-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	045162-MW108		
Lab Sample ID:	M66438-7	**Date Sampled:**	07/18/07
Matrix:	AQ - Ground Water	**Date Received:**	07/20/07
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GEI Tufts Street Somerville MA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G71860.D	1	07/23/07	KT	n/a	n/a	MSG2884
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA MCP List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		84-129%
2037-26-5	Toluene-D8	97%		80-120%
460-00-4	4-Bromofluorobenzene	99%		82-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	045162-MW111		
Lab Sample ID:	M66438-8	**Date Sampled:**	07/18/07
Matrix:	AQ - Ground Water	**Date Received:**	07/20/07
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GEI Tufts Street Somerville MA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G71861.D	1	07/23/07	KT	n/a	n/a	MSG2884
Run #2	G71898.D	100	07/24/07	KT	n/a	n/a	MSG2886

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA MCP List

CAS No.	Compound	Result	RL	MDL	Units	Q
56-23-5	Carbon tetrachloride	ND	1.0	0.21	ug/l	
75-00-3	Chloroethane	ND	2.0	0.65	ug/l	
75-34-3	1,1-Dichloroethane	16.8	1.0	0.18	ug/l	
107-06-2	1,2-Dichloroethane	0.43	1.0	0.20	ug/l	J
75-35-4	1,1-Dichloroethene	10.5	1.0	0.35	ug/l	
156-59-2	cis-1,2-Dichloroethene	56.3	1.0	0.36	ug/l	
156-60-5	trans-1,2-Dichloroethene	1.5	1.0	0.40	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.22	ug/l	
127-18-4	Tetrachloroethene	6340 [a]	100	34	ug/l	
71-55-6	1,1,1-Trichloroethane	89.1	1.0	0.21	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.32	ug/l	
79-01-6	Trichloroethene	120	1.0	0.30	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.24	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%	100%	84-129%
2037-26-5	Toluene-D8	96%	95%	80-120%
460-00-4	4-Bromofluorobenzene	99%	96%	82-118%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	045162-MW112A		
Lab Sample ID:	M66438-9	**Date Sampled:**	07/18/07
Matrix:	AQ - Ground Water	**Date Received:**	07/20/07
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GEI Tufts Street Somerville MA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G71908.D	1	07/24/07	KT	n/a	n/a	MSG2886
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA MCP List

CAS No.	Compound	Result	RL	MDL	Units	Q
56-23-5	Carbon tetrachloride	ND	1.0	0.21	ug/l	
75-00-3	Chloroethane	ND	2.0	0.65	ug/l	
75-34-3	1,1-Dichloroethane	6.4	1.0	0.18	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethene	6.7	1.0	0.35	ug/l	
156-59-2	cis-1,2-Dichloroethene	0.98	1.0	0.36	ug/l	J
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.40	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.22	ug/l	
127-18-4	Tetrachloroethene	144	1.0	0.34	ug/l	
71-55-6	1,1,1-Trichloroethane	0.68	1.0	0.21	ug/l	J
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.32	ug/l	
79-01-6	Trichloroethene	26.7	1.0	0.30	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.24	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		84-129%
2037-26-5	Toluene-D8	98%		80-120%
460-00-4	4-Bromofluorobenzene	97%		82-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	045162-MW114		
Lab Sample ID:	M66438-10	**Date Sampled:**	07/18/07
Matrix:	AQ - Ground Water	**Date Received:**	07/20/07
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GEI Tufts Street Somerville MA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G71905.D	1	07/24/07	KT	n/a	n/a	MSG2886
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA MCP List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		84-129%
2037-26-5	Toluene-D8	98%		80-120%
460-00-4	4-Bromofluorobenzene	98%		82-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	045162-MW115R		
Lab Sample ID:	M66438-11	**Date Sampled:**	07/18/07
Matrix:	AQ - Ground Water	**Date Received:**	07/20/07
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GEI Tufts Street Somerville MA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G71906.D	1	07/24/07	KT	n/a	n/a	MSG2886
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA MCP List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		84-129%
2037-26-5	Toluene-D8	98%		80-120%
460-00-4	4-Bromofluorobenzene	98%		82-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	045162-MW117S		
Lab Sample ID:	M66438-12	**Date Sampled:**	07/18/07
Matrix:	AQ - Ground Water	**Date Received:**	07/20/07
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GEI Tufts Street Somerville MA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G71907.D	1	07/24/07	KT	n/a	n/a	MSG2886
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA MCP List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		84-129%
2037-26-5	Toluene-D8	97%		80-120%
460-00-4	4-Bromofluorobenzene	96%		82-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

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

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- Sample Tracking Chronicle
- Internal Chain of Custody

Chain-of-Custody Record

Laboratory: Accutest

Laboratory Job # (Lab use only) M66438

GEI Consultants
400 Unicorn Park Drive
Woburn, MA 01801
PH: 781.721.4000
FX: 781.721.4073

Project Information

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

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

Preservative: HCl

Analysis: VOCs 8260

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

MCP PRESUMPTIVE CERTAINTY REQUIRED – (YES) NO

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

Lab Sample Number	GEI Sample ID	Collection Date	Collection Time	Matrix	No. of Bottles	Sampler(s) Initials	VOCs 8260	Sample Specific Remarks
-1	045162-MW102	7/18/2007	1337	GW	6	SLS	X	MS/MSD
-2	045162-MW113	7/18/2007	1115	GW	2	SLS	X	
-3	045162- MW116	7/18/2007	1623	GW	2	SLS	X	
-4	045162-MW900	7/18/2007	1300	GW	2	SLS	X	
-5	045162-MW901	7/18/2007	1400	GW	2	SLS	X	
-6	045162-MW107	7/18/2007	1545	GW	2	TC	X	
-7	045162-MW108	7/18/2007	1145	GW	2	TAD	X	
-8	045162-MW111	7/18/2007	1600	GW	2	TC	X	
-9	045162-MW112A	7/18/2007	1310	GW	2	TAD	X	
-10	045162-MW114	7/18/2007	1530	GW	2	TAD	X	
-11	045162-MW115R	7/18/2007	1005	GW	2	TC	X	
-12	045162-MW117S	7/18/2007	1459	GW	2	TAD	X	

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

Relinquished by sampler: (signature)	Date:	Time:	Received by: (signature)
1. Sarah Siegener	7/18/07	1800	1. GEI Sample Fridge
2. GEI Sample fridge	7/20/07	1230	2. Andrea Lyo
3. Andrea Lyo	7/20/07	1231	3. William Aiello 7/20/07 12:30
4. William Aiello	7/20/07 3:20	1500	4. William Aiello 7/20/07 3:00

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

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

Additional Requirements/Comments/Remarks:
Please test for only those chemicals on the attached list.
We require a Tier 1 data package.
1D7

7/18/2007
V:\July07 Groundwater\Chain of Custody 7-18

32 oc

M66438: Chain of Custody
Page 1 of 2

Analyte List

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

Internal Sample Tracking Chronicle

GEI Consultants, Inc.

Job No: M66438

GEI Tufts Street Somerville MA
Project No: 045162

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
M66438-1 Collected: 18-JUL-07 13:37 By: SLS Received: 20-JUL-07 By: RS 045162-MW102						
M66438-1	SW846 8260B	23-JUL-07 17:51	KT			V8260MCP
M66438-1	SW846 8260B	24-JUL-07 13:07	KT			V8260MCP
M66438-2 Collected: 18-JUL-07 11:15 By: SLS Received: 20-JUL-07 By: RS 045162-MW113						
M66438-2	SW846 8260B	23-JUL-07 18:17	KT			V8260MCP
M66438-3 Collected: 18-JUL-07 16:23 By: SLS Received: 20-JUL-07 By: RS 045162-MW116						
M66438-3	SW846 8260B	23-JUL-07 18:44	KT			V8260MCP
M66438-3	SW846 8260B	24-JUL-07 14:27	KT			V8260MCP
M66438-4 Collected: 18-JUL-07 13:00 By: SLS Received: 20-JUL-07 By: RS 045162-MW900						
M66438-4	SW846 8260B	23-JUL-07 19:10	KT			V8260MCP
M66438-5 Collected: 18-JUL-07 14:00 By: SLS Received: 20-JUL-07 By: RS 045162-MW901						
M66438-5	SW846 8260B	23-JUL-07 19:36	KT			V8260MCP
M66438-5	SW846 8260B	24-JUL-07 14:53	KT			V8260MCP
M66438-6 Collected: 18-JUL-07 15:45 By: TC Received: 20-JUL-07 By: RS 045162-MW107						
M66438-6	SW846 8260B	24-JUL-07 11:20	KT			V8260MCP
M66438-7 Collected: 18-JUL-07 11:45 By: TAD Received: 20-JUL-07 By: RS 045162-MW108						
M66438-7	SW846 8260B	23-JUL-07 20:02	KT			V8260MCP

Internal Sample Tracking Chronicle

GEI Consultants, Inc.

Job No: M66438

GEI Tufts Street Somerville MA
Project No: 045162

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
M66438-8 Collected: 18-JUL-07 16:00 By: TC Received: 20-JUL-07 By: RS 045162-MW111						
M66438-8	SW846 8260B	23-JUL-07 20:28	KT			V8260MCP
M66438-8	SW846 8260B	24-JUL-07 12:40	KT			V8260MCP
M66438-9 Collected: 18-JUL-07 13:10 By: TAD Received: 20-JUL-07 By: RS 045162-MW112A						
M66438-9	SW846 8260B	24-JUL-07 17:08	KT			V8260MCP
M66438-10 Collected: 18-JUL-07 15:30 By: TAD Received: 20-JUL-07 By: RS 045162-MW114						
M66438-10	SW846 8260B	24-JUL-07 15:47	KT			V8260MCP
M66438-11 Collected: 18-JUL-07 10:05 By: TCS Received: 20-JUL-07 By: RS 045162-MW115R						
M66438-11	SW846 8260B	24-JUL-07 16:14	KT			V8260MCP
M66438-12 Collected: 18-JUL-07 14:59 By: TAD Received: 20-JUL-07 By: RS 045162-MW117S						
M66438-12	SW846 8260B	24-JUL-07 16:41	KT			V8260MCP

Accutest Internal Chain of Custody

Job Number: M66438
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA
Received: 07/20/07

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
M66438-1.1	VOC Ref #1	Kim-Ngan Tran	07/23/07 14:31	Retrieve from Storage
M66438-1.1	Kim-Ngan Tran	GCMSG	07/23/07 14:31	Load on Instrument
M66438-1.1	GCMSG	Kim-Ngan Tran	07/24/07 08:41	Unload from Instrument
M66438-1.1	Kim-Ngan Tran	VOC Ref #1	07/24/07 08:41	Return to Storage
M66438-1.2	VOC Ref #1	Kim-Ngan Tran	07/24/07 09:46	Retrieve from Storage
M66438-1.2	Kim-Ngan Tran	GCMSG	07/24/07 09:47	Load on Instrument
M66438-1.2	GCMSG	Kim-Ngan Tran	07/24/07 10:48	Unload from Instrument
M66438-1.2	Kim-Ngan Tran	VOC Ref #1	07/24/07 10:48	Return to Storage
M66438-2.1	VOC Ref #1	Kim-Ngan Tran	07/23/07 14:31	Retrieve from Storage
M66438-2.1	Kim-Ngan Tran	GCMSG	07/23/07 14:31	Load on Instrument
M66438-2.1	GCMSG	Kim-Ngan Tran	07/24/07 08:41	Unload from Instrument
M66438-2.1	Kim-Ngan Tran	VOC Ref #1	07/24/07 08:41	Return to Storage
M66438-3.1	VOC Ref #1	Kim-Ngan Tran	07/23/07 14:31	Retrieve from Storage
M66438-3.1	Kim-Ngan Tran	GCMSG	07/23/07 14:31	Load on Instrument
M66438-3.1	GCMSG	Kim-Ngan Tran	07/24/07 08:41	Unload from Instrument
M66438-3.1	Kim-Ngan Tran	VOC Ref #1	07/24/07 08:41	Return to Storage
M66438-3.2	VOC Ref #1	Kim-Ngan Tran	07/24/07 09:46	Retrieve from Storage
M66438-3.2	Kim-Ngan Tran	GCMSG	07/24/07 09:47	Load on Instrument
M66438-3.2	GCMSG	Kim-Ngan Tran	07/24/07 10:48	Unload from Instrument
M66438-3.2	Kim-Ngan Tran	VOC Ref #1	07/24/07 10:48	Return to Storage
M66438-4.1	VOC Ref #1	Kim-Ngan Tran	07/23/07 14:31	Retrieve from Storage
M66438-4.1	Kim-Ngan Tran	GCMSG	07/23/07 14:31	Load on Instrument
M66438-4.1	GCMSG	Kim-Ngan Tran	07/24/07 08:41	Unload from Instrument
M66438-4.1	Kim-Ngan Tran	VOC Ref #1	07/24/07 08:41	Return to Storage
M66438-5.1	VOC Ref #1	Kim-Ngan Tran	07/23/07 14:31	Retrieve from Storage
M66438-5.1	Kim-Ngan Tran	GCMSG	07/23/07 14:31	Load on Instrument
M66438-5.1	GCMSG	Kim-Ngan Tran	07/24/07 08:41	Unload from Instrument
M66438-5.1	Kim-Ngan Tran	VOC Ref #1	07/24/07 08:41	Return to Storage
M66438-5.2	VOC Ref #1	Kim-Ngan Tran	07/24/07 09:46	Retrieve from Storage
M66438-5.2	Kim-Ngan Tran	GCMSG	07/24/07 09:47	Load on Instrument
M66438-5.2	GCMSG	Kim-Ngan Tran	07/24/07 10:48	Unload from Instrument
M66438-5.2	Kim-Ngan Tran	VOC Ref #1	07/24/07 10:48	Return to Storage
M66438-6.1	VOC Ref #1	Kim-Ngan Tran	07/23/07 14:31	Retrieve from Storage
M66438-6.1	Kim-Ngan Tran	GCMSG	07/23/07 14:31	Load on Instrument
M66438-6.1	GCMSG	Kim-Ngan Tran	07/24/07 08:41	Unload from Instrument
M66438-6.1	Kim-Ngan Tran	VOC Ref #1	07/24/07 08:41	Return to Storage

Accutest Internal Chain of Custody

Job Number: M66438
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA
Received: 07/20/07

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
M66438-6.2	VOC Ref #1	Kim-Ngan Tran	07/24/07 09:46	Retrieve from Storage
M66438-6.2	Kim-Ngan Tran	GCMSG	07/24/07 09:47	Load on Instrument
M66438-6.2	GCMSG	Kim-Ngan Tran	07/24/07 15:12	Unload from Instrument
M66438-6.2	Kim-Ngan Tran	VOC Ref #1	07/24/07 15:13	Return to Storage
M66438-7.1	VOC Ref #1	Kim-Ngan Tran	07/23/07 14:31	Retrieve from Storage
M66438-7.1	Kim-Ngan Tran	GCMSG	07/23/07 14:31	Load on Instrument
M66438-7.1	GCMSG	Kim-Ngan Tran	07/24/07 08:41	Unload from Instrument
M66438-7.1	Kim-Ngan Tran	VOC Ref #1	07/24/07 08:41	Return to Storage
M66438-8.1	VOC Ref #1	Kim-Ngan Tran	07/23/07 14:31	Retrieve from Storage
M66438-8.1	Kim-Ngan Tran	GCMSG	07/23/07 14:31	Load on Instrument
M66438-8.1	GCMSG	Kim-Ngan Tran	07/24/07 08:41	Unload from Instrument
M66438-8.1	Kim-Ngan Tran	VOC Ref #1	07/24/07 08:41	Return to Storage
M66438-8.2	VOC Ref #1	Kim-Ngan Tran	07/24/07 09:46	Retrieve from Storage
M66438-8.2	Kim-Ngan Tran	GCMSG	07/24/07 09:47	Load on Instrument
M66438-8.2	GCMSG	Kim-Ngan Tran	07/24/07 10:48	Unload from Instrument
M66438-8.2	Kim-Ngan Tran	VOC Ref #1	07/24/07 10:48	Return to Storage
M66438-9.1	VOC Ref #1	Kim-Ngan Tran	07/24/07 09:46	Retrieve from Storage
M66438-9.1	Kim-Ngan Tran	GCMSG	07/24/07 09:47	Load on Instrument
M66438-9.1	GCMSG	Kim-Ngan Tran	07/24/07 10:48	Unload from Instrument
M66438-9.1	Kim-Ngan Tran	VOC Ref #1	07/24/07 10:48	Return to Storage
M66438-9.2	VOC Ref #1	Kim-Ngan Tran	07/24/07 16:24	Retrieve from Storage
M66438-9.2	Kim-Ngan Tran	GCMSG	07/24/07 16:24	Load on Instrument
M66438-9.2	GCMSG	Kim-Ngan Tran	07/25/07 09:03	Unload from Instrument
M66438-9.2	Kim-Ngan Tran	VOC Ref #1	07/25/07 09:03	Return to Storage
M66438-10.1	VOC Ref #1	Kim-Ngan Tran	07/24/07 09:46	Retrieve from Storage
M66438-10.1	Kim-Ngan Tran	GCMSG	07/24/07 09:47	Load on Instrument
M66438-10.1	GCMSG	Kim-Ngan Tran	07/24/07 16:06	Unload from Instrument
M66438-10.1	Kim-Ngan Tran	VOC Ref #1	07/24/07 16:06	Return to Storage
M66438-11.1	VOC Ref #1	Kim-Ngan Tran	07/24/07 09:46	Retrieve from Storage
M66438-11.1	Kim-Ngan Tran	GCMSG	07/24/07 09:47	Load on Instrument
M66438-11.1	GCMSG	Kim-Ngan Tran	07/24/07 16:06	Unload from Instrument
M66438-11.1	Kim-Ngan Tran	VOC Ref #1	07/24/07 16:06	Return to Storage
M66438-12.1	VOC Ref #1	Kim-Ngan Tran	07/24/07 09:46	Retrieve from Storage
M66438-12.1	Kim-Ngan Tran	GCMSG	07/24/07 09:47	Load on Instrument
M66438-12.1	GCMSG	Kim-Ngan Tran	07/25/07 09:03	Unload from Instrument

Accutest Internal Chain of Custody

Job Number: M66438
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA
Received: 07/20/07

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
M66438-12.1	Kim-Ngan Tran	VOC Ref #1	07/25/07 09:03	Return to Storage

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: M66438
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSG2884-MB	G71840.D	1	07/23/07	KT	n/a	n/a	MSG2884

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

M66438-1, M66438-2, M66438-3, M66438-4, M66438-5, M66438-7, M66438-8

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

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	98%	84-129%
2037-26-5	Toluene-D8	98%	80-120%
460-00-4	4-Bromofluorobenzene	96%	82-118%

Method Blank Summary

Job Number: M66438
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSG2886-MB	G71893.D	1	07/24/07	KT	n/a	n/a	MSG2886

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

M66438-1, M66438-3, M66438-5, M66438-6, M66438-8, M66438-9, M66438-10, M66438-11, M66438-12

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

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	95%	84-129%
2037-26-5	Toluene-D8	94%	80-120%
460-00-4	4-Bromofluorobenzene	95%	82-118%

Blank Spike/Blank Spike Duplicate Summary

Job Number: M66438
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSG2884-BS	G71837.D	1	07/23/07	KT	n/a	n/a	MSG2884
MSG2884-BSD	G71838.D	1	07/23/07	KT	n/a	n/a	MSG2884

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

M66438-1, M66438-2, M66438-3, M66438-4, M66438-5, M66438-7, M66438-8

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
56-23-5	Carbon tetrachloride	50	45.5	91	44.3	89	3	70-143/25
75-00-3	Chloroethane	50	46.2	92	45.2	90	2	51-151/25
75-34-3	1,1-Dichloroethane	50	45.2	90	44.6	89	1	73-126/25
107-06-2	1,2-Dichloroethane	50	42.3	85	42.5	85	0	65-137/25
75-35-4	1,1-Dichloroethene	50	43.7	87	42.1	84	4	64-128/25
156-59-2	cis-1,2-Dichloroethene	50	43.1	86	42.4	85	2	73-122/25
156-60-5	trans-1,2-Dichloroethene	50	45.3	91	44.7	89	1	71-123/25
79-34-5	1,1,2,2-Tetrachloroethane	50	49.8	100	50.0	100	0	64-142/25
127-18-4	Tetrachloroethene	50	43.6	87	42.6	85	2	64-130/25
71-55-6	1,1,1-Trichloroethane	50	44.8	90	44.3	89	1	72-130/25
79-00-5	1,1,2-Trichloroethane	50	45.2	90	45.2	90	0	80-120/25
79-01-6	Trichloroethene	50	40.4	81	39.1	78	3	70-129/25
75-01-4	Vinyl chloride	50	45.4	91	44.5	89	2	46-150/25

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	99%	101%	84-129%
2037-26-5	Toluene-D8	99%	98%	80-120%
460-00-4	4-Bromofluorobenzene	95%	94%	82-118%

Blank Spike/Blank Spike Duplicate Summary

Job Number: M66438
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSG2886-BS	G71890.D	1	07/24/07	KT	n/a	n/a	MSG2886
MSG2886-BSD	G71891.D	1	07/24/07	KT	n/a	n/a	MSG2886

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

M66438-1, M66438-3, M66438-5, M66438-6, M66438-8, M66438-9, M66438-10, M66438-11, M66438-12

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
56-23-5	Carbon tetrachloride	50	46.9	94	47.2	94	1	70-143/25
75-00-3	Chloroethane	50	49.5	99	50.1	100	1	51-151/25
75-34-3	1,1-Dichloroethane	50	44.7	89	44.1	88	1	73-126/25
107-06-2	1,2-Dichloroethane	50	42.7	85	42.4	85	1	65-137/25
75-35-4	1,1-Dichloroethene	50	46.5	93	46.7	93	0	64-128/25
156-59-2	cis-1,2-Dichloroethene	50	42.7	85	42.2	84	1	73-122/25
156-60-5	trans-1,2-Dichloroethene	50	48.1	96	47.6	95	1	71-123/25
79-34-5	1,1,2,2-Tetrachloroethane	50	52.9	106	53.2	106	1	64-142/25
127-18-4	Tetrachloroethene	50	52.0	104	51.8	104	0	64-130/25
71-55-6	1,1,1-Trichloroethane	50	44.6	89	44.6	89	0	72-130/25
79-00-5	1,1,2-Trichloroethane	50	45.6	91	46.0	92	1	80-120/25
79-01-6	Trichloroethene	50	42.8	86	41.4	83	3	70-129/25
75-01-4	Vinyl chloride	50	54.3	109	55.7	111	3	46-150/25

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	97%	96%	84-129%
2037-26-5	Toluene-D8	95%	97%	80-120%
460-00-4	4-Bromofluorobenzene	92%	92%	82-118%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: M66438
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
M66418-3MS	G71845.D	5	07/23/07	KT	n/a	n/a	MSG2884
M66418-3MSD	G71846.D	5	07/23/07	KT	n/a	n/a	MSG2884
M66418-3	G71843.D	1	07/23/07	KT	n/a	n/a	MSG2884

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

M66438-1, M66438-2, M66438-3, M66438-4, M66438-5, M66438-7, M66438-8

CAS No.	Compound	M66418-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
56-23-5	Carbon tetrachloride	ND		250	220	88	228	91	4	60-153/30
75-00-3	Chloroethane	ND		250	234	94	248	99	6	50-161/30
75-34-3	1,1-Dichloroethane	20.3		250	251	92	255	94	2	70-130/30
107-06-2	1,2-Dichloroethane	ND		250	230	92	231	92	0	61-147/30
75-35-4	1,1-Dichloroethene	ND		250	210	84	222	89	6	60-136/30
156-59-2	cis-1,2-Dichloroethene	0.55	J	250	220	88	224	89	2	70-130/30
156-60-5	trans-1,2-Dichloroethene	ND		250	226	90	231	92	2	70-127/30
79-34-5	1,1,2,2-Tetrachloroethane	ND		250	259	104	263	105	2	63-145/30
127-18-4	Tetrachloroethene	7.0		250	212	82	217	84	2	58-133/30
71-55-6	1,1,1-Trichloroethane	ND		250	229	92	232	93	1	70-142/30
79-00-5	1,1,2-Trichloroethane	ND		250	229	92	234	94	2	78-124/30
79-01-6	Trichloroethene	1.2		250	201	80	209	83	4	65-130/30
75-01-4	Vinyl chloride	ND		250	235	94	244	98	4	40-150/30

CAS No.	Surrogate Recoveries	MS	MSD	M66418-3	Limits
1868-53-7	Dibromofluoromethane	104%	103%	102%	84-129%
2037-26-5	Toluene-D8	99%	100%	100%	80-120%
460-00-4	4-Bromofluorobenzene	96%	97%	99%	82-118%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: M66438
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
M66438-1MS	G71900.D	10	07/24/07	KT	n/a	n/a	MSG2886
M66438-1MSD	G71901.D	10	07/24/07	KT	n/a	n/a	MSG2886
M66438-1	G71899.D	10	07/24/07	KT	n/a	n/a	MSG2886

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

M66438-1, M66438-3, M66438-5, M66438-6, M66438-8, M66438-9, M66438-10, M66438-11, M66438-12

CAS No.	Compound	M66438-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
56-23-5	Carbon tetrachloride	ND		500	479	96	486	97	1	60-153/30
75-00-3	Chloroethane	ND		500	530	106	534	107	1	50-161/30
75-34-3	1,1-Dichloroethane	ND		500	485	97	481	96	1	70-130/30
107-06-2	1,2-Dichloroethane	ND		500	478	96	473	95	1	61-147/30
75-35-4	1,1-Dichloroethene	18.5		500	505	97	509	98	1	60-136/30
156-59-2	cis-1,2-Dichloroethene	ND		500	452	90	453	91	0	70-130/30
156-60-5	trans-1,2-Dichloroethene	ND		500	505	101	507	101	0	70-127/30
79-34-5	1,1,2,2-Tetrachloroethane	ND		500	573	115	566	113	1	63-145/30
127-18-4	Tetrachloroethene	524		500	1080	111	1090	113	1	58-133/30
71-55-6	1,1,1-Trichloroethane	20.2		500	499	96	502	96	1	70-142/30
79-00-5	1,1,2-Trichloroethane	ND		500	481	96	477	95	1	78-124/30
79-01-6	Trichloroethene	34.9		500	479	89	485	90	1	65-130/30
75-01-4	Vinyl chloride	ND		500	604	121	596	119	1	40-150/30

CAS No.	Surrogate Recoveries	MS	MSD	M66438-1	Limits
1868-53-7	Dibromofluoromethane	103%	100%	100%	84-129%
2037-26-5	Toluene-D8	96%	97%	96%	80-120%
460-00-4	4-Bromofluorobenzene	93%	92%	96%	82-118%

Instrument Performance Check (BFB)

Job Number: M66438
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSG2872-BFB
Lab File ID: G71527.D
Instrument ID: GCMSG
Injection Date: 07/10/07
Injection Time: 22:45

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	13681	17.9		Pass
75	30.0 - 60.0% of mass 95	35149	46.0		Pass
95	Base peak, 100% relative abundance	76355	100.0		Pass
96	5.0 - 9.0% of mass 95	5376	7.0		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 150.0% of mass 95	70221	92.0		Pass
175	5.0 - 9.0% of mass 174	5030	6.6	(7.2) [a]	Pass
176	95.0 - 101.0% of mass 174	68053	89.1	(96.9) [a]	Pass
177	5.0 - 9.0% of mass 176	4712	6.2	(6.9) [b]	Pass

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

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

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
MSG2872-IC2872	G71528.D	07/10/07	23:12	00:27	Initial cal 0.5
MSG2872-IC2872	G71529.D	07/10/07	23:38	00:53	Initial cal 1
MSG2872-IC2872	G71530.D	07/11/07	00:05	01:20	Initial cal 2
MSG2872-IC2872	G71531.D	07/11/07	00:31	01:46	Initial cal 5
MSG2872-IC2872	G71532.D	07/11/07	00:57	02:12	Initial cal 25
MSG2872-IC2872	G71533.D	07/11/07	01:24	02:39	Initial cal 400
MSG2872-IC2872	G71534.D	07/11/07	01:50	03:05	Initial cal 200
MSG2872-ICC2872	G71535.D	07/11/07	02:17	03:32	Initial cal 100
MSG2872-ICC2872	G71535.D	07/11/07	02:17	03:32	Initial cal 100
MSG2872-IC2872	G71536.D	07/11/07	02:43	03:58	Initial cal 50
MSG2872-ICV2872	G71537.D	07/11/07	03:10	04:25	Initial cal verification 50

Instrument Performance Check (BFB)

Job Number: M66438
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSG2884-BFB
Lab File ID: G71836.D
Instrument ID: GCMSG
Injection Date: 07/23/07
Injection Time: 09:28

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	7909	18.3		Pass
75	30.0 - 60.0% of mass 95	20960	48.4		Pass
95	Base peak, 100% relative abundance	43264	100.0		Pass
96	5.0 - 9.0% of mass 95	3003	6.9		Pass
173	Less than 2.0% of mass 174	206	0.48	(0.54) [a]	Pass
174	50.0 - 150.0% of mass 95	38416	88.8		Pass
175	5.0 - 9.0% of mass 174	3122	7.2	(8.1) [a]	Pass
176	95.0 - 101.0% of mass 174	37528	86.7	(97.7) [a]	Pass
177	5.0 - 9.0% of mass 176	2482	5.7	(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
MSG2884-CC2872	G71836.D	07/23/07	09:28	00:00	Continuing cal 100
MSG2884-BS	G71837.D	07/23/07	09:54	00:26	Blank Spike
MSG2884-BSD	G71838.D	07/23/07	10:21	00:53	Blank Spike Duplicate
MSG2884-MB	G71840.D	07/23/07	11:13	01:45	Method Blank
ZZZZZZ	G71841.D	07/23/07	11:40	02:12	(unrelated sample)
ZZZZZZ	G71842.D	07/23/07	12:06	02:38	(unrelated sample)
M66418-3	G71843.D	07/23/07	12:33	03:05	(used for QC only; not part of job M66438)
ZZZZZZ	G71844.D	07/23/07	12:59	03:31	(unrelated sample)
M66418-3MS	G71845.D	07/23/07	13:26	03:58	Matrix Spike
M66418-3MSD	G71846.D	07/23/07	13:52	04:24	Matrix Spike Duplicate
ZZZZZZ	G71847.D	07/23/07	14:19	04:51	(unrelated sample)
ZZZZZZ	G71848.D	07/23/07	14:46	05:18	(unrelated sample)
ZZZZZZ	G71849.D	07/23/07	15:12	05:44	(unrelated sample)
ZZZZZZ	G71850.D	07/23/07	15:39	06:11	(unrelated sample)
ZZZZZZ	G71851.D	07/23/07	16:05	06:37	(unrelated sample)
ZZZZZZ	G71852.D	07/23/07	16:32	07:04	(unrelated sample)
ZZZZZZ	G71854.D	07/23/07	17:24	07:56	(unrelated sample)
M66438-1	G71855.D	07/23/07	17:51	08:23	045162-MW102
M66438-2	G71856.D	07/23/07	18:17	08:49	045162-MW113
M66438-3	G71857.D	07/23/07	18:44	09:16	045162-MW116
M66438-4	G71858.D	07/23/07	19:10	09:42	045162-MW900
M66438-5	G71859.D	07/23/07	19:36	10:08	045162-MW901
M66438-7	G71860.D	07/23/07	20:02	10:34	045162-MW108
M66438-8	G71861.D	07/23/07	20:28	11:00	045162-MW111

Instrument Performance Check (BFB)

Job Number: M66438
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSG2886-BFB
Lab File ID: G71889.D
Instrument ID: GCMSG
Injection Date: 07/24/07
Injection Time: 08:42

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	15491	17.9		Pass
75	30.0 - 60.0% of mass 95	38000	43.8		Pass
95	Base peak, 100% relative abundance	86720	100.0		Pass
96	5.0 - 9.0% of mass 95	6147	7.1		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 150.0% of mass 95	82776	95.5		Pass
175	5.0 - 9.0% of mass 174	5393	6.2	(6.5) [a]	Pass
176	95.0 - 101.0% of mass 174	79960	92.2	(96.6) [a]	Pass
177	5.0 - 9.0% of mass 176	5306	6.1	(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
MSG2886-CC2872	G71889.D	07/24/07	08:42	00:00	Continuing cal 100
MSG2886-BS	G71890.D	07/24/07	09:08	00:26	Blank Spike
MSG2888-BS1	G71890.D	07/24/07	09:08	00:26	Blank Spike
MSG2886-BSD	G71891.D	07/24/07	09:35	00:53	Blank Spike Duplicate
MSG2886-MB	G71893.D	07/24/07	10:27	01:45	Method Blank
MSG2888-MB1	G71893.D	07/24/07	10:27	01:45	Method Blank
ZZZZZZ	G71894.D	07/24/07	10:54	02:12	(unrelated sample)
M66438-6	G71895.D	07/24/07	11:20	02:38	045162-MW107
ZZZZZZ	G71896.D	07/24/07	11:47	03:05	(unrelated sample)
ZZZZZZ	G71897.D	07/24/07	12:14	03:32	(unrelated sample)
M66438-8	G71898.D	07/24/07	12:40	03:58	045162-MW111
M66438-1	G71899.D	07/24/07	13:07	04:25	045162-MW102
M66438-1MS	G71900.D	07/24/07	13:33	04:51	Matrix Spike
M66438-1MSD	G71901.D	07/24/07	14:00	05:18	Matrix Spike Duplicate
M66438-3	G71902.D	07/24/07	14:27	05:45	045162-MW116
M66438-5	G71903.D	07/24/07	14:53	06:11	045162-MW901
M66438-10	G71905.D	07/24/07	15:47	07:05	045162-MW114
M66438-11	G71906.D	07/24/07	16:14	07:32	045162-MW115R
M66438-12	G71907.D	07/24/07	16:41	07:59	045162-MW117S
M66438-9	G71908.D	07/24/07	17:08	08:26	045162-MW112A
ZZZZZZ	G71909.D	07/24/07	17:35	08:53	(unrelated sample)
ZZZZZZ	G71910.D	07/24/07	18:02	09:20	(unrelated sample)
ZZZZZZ	G71911.D	07/24/07	18:29	09:47	(unrelated sample)
ZZZZZZ	G71912.D	07/24/07	18:56	10:14	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: M66438
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample:	MSG2886-BFB	**Injection Date:**	07/24/07
Lab File ID:	G71889.D	**Injection Time:**	08:42
Instrument ID:	GCMSG		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ZZZZZZ	G71913.D	07/24/07	19:23	10:41	(unrelated sample)
M66401-2	G71914.D	07/24/07	19:50	11:08	(used for QC only; not part of job M66438)
ZZZZZZ	G71915.D	07/24/07	20:17	11:35	(unrelated sample)

Volatile Internal Standard Area Summary

Job Number: M66438
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Check Std:	MSG2884-CC2872	**Injection Date:**	07/23/07
Lab File ID:	G71836.D	**Injection Time:**	09:28
Instrument ID:	GCMSG	**Method:**	SW846 8260B

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	236981	9.11	348840	9.98	180975	13.24	197684	15.80	6792	6.70
Upper Limit [a]	473962	9.61	697680	10.48	361950	13.74	395368	16.30	13584	7.20
Lower Limit [b]	118491	8.61	174420	9.48	90488	12.74	98842	15.30	3396	6.20

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
MSG2884-BS	234850	9.11	344860	9.98	178372	13.24	197535	15.80	8182	6.72
MSG2884-BSD	233101	9.11	345443	9.98	178149	13.24	196559	15.80	8309	6.72
MSG2884-MB	215755	9.11	316750	9.98	160272	13.24	176017	15.80	7770	6.73
ZZZZZZ	206695	9.11	305516	9.98	158768	13.24	169749	15.80	5089	6.73
ZZZZZZ	203887	9.11	304162	9.98	156790	13.24	161820	15.80	4890	6.72
M66418-3	197017	9.11	293646	9.98	156050	13.24	159863	15.80	5238	6.73
ZZZZZZ	193622	9.11	291109	9.98	149509	13.24	158831	15.80	6407	6.75
M66418-3MS	198010	9.11	299404	9.98	154749	13.24	168488	15.80	4475	6.73
M66418-3MSD	205293	9.11	306380	9.98	160435	13.24	174582	15.80	7224	6.73
ZZZZZZ	200539	9.11	299970	9.98	154027	13.24	161485	15.80	5933	6.72
ZZZZZZ	194770	9.11	290887	9.98	149417	13.24	157131	15.80	5619	6.73
ZZZZZZ	195496	9.11	298078	9.99	128949	13.24	142544	15.81	5126	6.73
ZZZZZZ	186658	9.11	279270	9.98	143152	13.24	147467	15.80	7124	6.73
ZZZZZZ	181521	9.11	272897	9.98	144302	13.24	147749	15.80	6466	6.73
ZZZZZZ	183050	9.11	282987	9.98	138139	13.24	143951	15.81	5816	6.74
ZZZZZZ	180229	9.11	272009	9.98	142087	13.24	142108	15.80	5255	6.74
M66438-1	184150	9.11	276330	9.98	142692	13.24	141220	15.80	5140	6.75
M66438-2	177559	9.11	268987	9.98	139576	13.24	138121	15.80	5101	6.75
M66438-3	182697	9.11	274756	9.98	140894	13.24	138460	15.80	4890	6.72
M66438-4	175156	9.11	261674	9.98	138845	13.24	136546	15.80	4920	6.75
M66438-5	182564	9.11	273377	9.98	143039	13.24	137282	15.80	4965	6.74
M66438-7	176498	9.11	263885	9.98	135237	13.24	134917	15.80	5377	6.75
M66438-8	179886	9.11	274127	9.98	128974	13.24	131459	15.80	4383	6.73

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

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

Volatile Internal Standard Area Summary

Job Number: M66438
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Check Std:	MSG2886-CC2872	**Injection Date:**	07/24/07
Lab File ID:	G71889.D	**Injection Time:**	08:42
Instrument ID:	GCMSG	**Method:**	SW846 8260B

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	243923	9.11	354451	9.98	176718	13.24	195488	15.80	6904	6.71
Upper Limit [a]	487846	9.61	708902	10.48	353436	13.74	390976	16.30	13808	7.21
Lower Limit [b]	121962	8.61	177226	9.48	88359	12.74	97744	15.30	3452	6.21

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
MSG2886-BS	244120	9.11	355715	9.98	176495	13.24	194251	15.80	5772	6.72
MSG2888-BS1	244120	9.11	355715	9.98	176495	13.24	194251	15.80	5772	6.72
MSG2886-BSD	233673	9.11	340068	9.98	171740	13.24	191904	15.80	5739	6.70
MSG2886-MB	242140	9.11	350885	9.98	167899	13.24	176606	15.80	6558	6.73
MSG2888-MB1	242140	9.11	350885	9.98	167899	13.24	176606	15.80	6558	6.73
ZZZZZZ	219988	9.11	319937	9.98	158516	13.24	167589	15.80	5130	6.72
M66438-6	215326	9.11	314150	9.98	154860	13.24	164591	15.80	5032	6.75
ZZZZZZ	207741	9.11	306828	9.98	151741	13.24	158795	15.80	5297	6.72
ZZZZZZ	202109	9.11	302547	9.98	147949	13.24	156058	15.80	4485	6.71
M66438-8	197976	9.11	295029	9.98	146675	13.24	152371	15.80	5617	6.73
M66438-1	194207	9.11	289642	9.98	144778	13.24	150493	15.80	4854	6.72
M66438-1MS	202687	9.11	303374	9.98	153238	13.24	166573	15.80	5177	6.70
M66438-1MSD	208721	9.11	308140	9.98	154644	13.24	171423	15.80	5604	6.71
M66438-3	203169	9.11	299109	9.98	149256	13.24	155513	15.80	5579	6.72
M66438-5	194518	9.11	287186	9.98	144271	13.24	149558	15.80	4437	6.71
M66438-10	181985	9.11	272605	9.98	138738	13.24	142199	15.80	5065	6.73
M66438-11	176641	9.11	267062	9.98	135516	13.24	136193	15.80	4868	6.72
M66438-12	175131	9.11	263288	9.98	133243	13.24	137695	15.80	5057	6.73
M66438-9	172255	9.11	260403	9.98	135819	13.24	135580	15.81	3167[c]	6.71
ZZZZZZ	173699	9.11	264305	9.98	136545	13.24	141864	15.80	4665	6.73
ZZZZZZ	172951	9.11	260471	9.98	130356	13.24	134230	15.80	4450	6.72
ZZZZZZ	168856	9.11	257150	9.98	128350	13.24	131578	15.80	4773	6.74
ZZZZZZ	168480	9.11	252996	9.98	129735	13.24	129013	15.80	4145	6.72
ZZZZZZ	162294	9.11	246340	9.98	125369	13.24	128107	15.80	4665	6.73
M66401-2	163177	9.11	248780	9.98	125040	13.24	126599	15.80	4475	6.73
ZZZZZZ	161689	9.11	243295	9.98	125333	13.24	127969	15.80	3117*	6.70

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

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

Volatile Internal Standard Area Summary

Job Number: M66438
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Check Std:	MSG2886-CC2872	**Injection Date:**	07/24/07
Lab File ID:	G71889.D	**Injection Time:**	08:42
Instrument ID:	GCMSG	**Method:**	SW846 8260B

Lab	IS 1		IS 2		IS 3		IS 4		IS 5	
Sample ID	**AREA**	**RT**	**AREA**	**RT**	**AREA**	**RT**	**AREA**	**RT**	**AREA**	**RT**

(c) Target analytes not associated with this internal standard.

Volatile Surrogate Recovery Summary

Job Number: M66438
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

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

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3
M66438-1	G71899.D	100.0	96.0	96.0
M66438-1	G71855.D	103.0	97.0	100.0
M66438-2	G71856.D	103.0	98.0	100.0
M66438-3	G71902.D	99.0	97.0	96.0
M66438-3	G71857.D	104.0	96.0	98.0
M66438-4	G71858.D	102.0	100.0	100.0
M66438-5	G71903.D	100.0	96.0	96.0
M66438-5	G71859.D	103.0	98.0	102.0
M66438-6	G71895.D	98.0	96.0	94.0
M66438-7	G71860.D	102.0	97.0	99.0
M66438-8	G71898.D	100.0	95.0	96.0
M66438-8	G71861.D	102.0	96.0	99.0
M66438-9	G71908.D	102.0	98.0	97.0
M66438-10	G71905.D	102.0	98.0	98.0
M66438-11	G71906.D	102.0	98.0	98.0
M66438-12	G71907.D	102.0	97.0	96.0
M66418-3MS	G71845.D	104.0	99.0	96.0
M66418-3MSD	G71846.D	103.0	100.0	97.0
M66438-1MS	G71900.D	103.0	96.0	93.0
M66438-1MSD	G71901.D	100.0	97.0	92.0
MSG2884-BS	G71837.D	99.0	99.0	95.0
MSG2884-BSD	G71838.D	101.0	98.0	94.0
MSG2884-MB	G71840.D	98.0	98.0	96.0
MSG2886-BS	G71890.D	97.0	95.0	92.0
MSG2886-BSD	G71891.D	96.0	97.0	92.0
MSG2886-MB	G71893.D	95.0	94.0	95.0

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

Initial Calibration Summary

Job Number: M66438
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSG2872-ICC2872
Lab FileID: G71535.D


```
                         Response Factor Report  5973 G

Method       : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title        : SW-846 Method 8260
Last Update  : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration

Calibration Files
1ppb=G71529.D    2.0 =G71530.D    5   =G71531.D    50  =G71536.D
100 =G71535.D    200 =G71534.D    400 =G71533.D    0.5 =G71528.D
25  =G71532.D        =

 Compound
           1ppb  2.0   5     50    100   200   400   0.5   25      Avg    %RSD
-------------------------------------------------------------------------------

1) I   tert butyl alcohol-d9 ----------------ISTD---------------------
2)  tertiary butyl alcohol
                1.215 1.119 1.202 1.169 1.292 1.159       1.129   1.184    5.02

3) I   pentafluorobenzene    ----------------ISTD---------------------
4)  Ethanol
                      0.003 0.004 0.004 0.004 0.005       0.004   0.004   13.41
5)  dichlorodifluoromethane
          0.449 0.366 0.417 0.380 0.424 0.415 0.409       0.395   0.407    6.47
6)  chloromethane
          0.681 0.574 0.560 0.485 0.493 0.481 0.479       0.521   0.534   13.08
7)  vinyl chloride
          0.609 0.514 0.559 0.520 0.541 0.510 0.482       0.537   0.534    7.10
8)  bromomethane
          0.639 0.478 0.442 0.348 0.344 0.335 0.324       0.360   0.409   26.43
           ----- Linear regression -----  Coefficient =  0.9997
             Response Ratio = 0.01905 + 0.32395 *A

9)  chloroethane
          0.441 0.347 0.389 0.357 0.371 0.355 0.347       0.360   0.371    8.46
10)  ethyl ether
          0.526 0.480 0.510 0.476 0.474 0.476 0.483       0.463   0.486    4.31
11)  acetonitrile
                      0.135 0.087 0.101 0.096 0.099       0.091   0.102   16.98
           ----- Linear regression -----  Coefficient =  0.9994
             Response Ratio = -0.00291 + 0.09873 *A

12)  trichlorofluoromethane
          0.695 0.613 0.643 0.634 0.664 0.654 0.653       0.660   0.652    3.66
13)  freon-113
          0.437 0.400 0.431 0.442 0.491 0.479 0.469       0.432   0.448    6.66
14)  acrolein
                0.056 0.065 0.051 0.049 0.046 0.044       0.058   0.053   14.37
15)  1,1-dichloroethene
          0.797 0.566 0.465 0.473 0.485 0.487 0.480       0.458   0.526   21.71
           ----- Linear regression -----  Coefficient =  0.9999
             Response Ratio = 0.00118 + 0.48128 *A

16)  acetone
                      0.214 0.168 0.168 0.174 0.164       0.182   0.178   10.21
17)  Methyl Acetate
          0.928 0.847 0.878 0.765 0.797 0.805 0.854       0.788   0.833    6.48
18)  methylene chloride
                1.099 0.799 0.587 0.584 0.583 0.585       0.600   0.691   28.43
```

Initial Calibration Summary

Job Number: M66438
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSG2872-ICC2872
Lab FileID: G71535.D

```
          ----- Linear regression -----  Coefficient =  1.0000
            Response Ratio = 0.01161 + 0.58226 *A

19)  methyl tert butyl ether
       1.847 1.637 1.669 1.565 1.570 1.610 1.660       1.556   1.639    5.77
20)  acrylonitrile
       0.248 0.228 0.237 0.221 0.222 0.223 0.229       0.221   0.229    4.21
21)  allyl chloride
       0.903 0.832 0.897 0.841 0.836 0.837 0.840       0.846   0.854    3.37
22)  trans-1,2-dichloroethene
       0.567 0.503 0.505 0.536 0.530 0.534 0.535       0.501   0.526    4.24
23)  iodomethane
       0.998 0.887 0.939 0.918 0.937 0.928 0.937       0.887   0.929    3.79
24)  carbon disulfide
       1.737 1.497 1.567 1.553 1.597 1.576 1.557       1.540   1.578    4.47
25)  propionitrile
                   0.024 0.035 0.039 0.041 0.044       0.039   0.037   19.12
          ----- Linear regression -----  Coefficient =  0.9986
            Response Ratio = -0.00655 + 0.04402 *A

26)  vinyl acetate
             0.561 0.404 0.319 0.501 0.580             0.552   0.486   21.34
      ----- Quadratic regression -----                Coefficient =  0.9951
            Response Ratio = 0.00921 + 0.36324 *A + 0.05394 *A^2

27)  chloroprene
       0.703 0.550 0.644 0.675 0.672 0.674 0.691       0.677   0.661    7.22
28)  di-isopropyl ether
       2.285 2.053 2.201 1.965 1.952 1.938 1.902       2.042   2.042    6.65
29)  methacrylonitrile
             0.355 0.415 0.371 0.364 0.384 0.408       0.370   0.381    5.93
30)  2-butanone
                   0.066 0.073 0.071 0.075 0.076       0.069   0.072    5.39
31)  Hexane
       0.886 0.797 0.795 0.731 0.768 0.756 0.730       0.751   0.777    6.52
32)  1,1-dichloroethane
       1.102 0.980 0.988 0.924 0.921 0.926 0.944       0.937   0.965    6.30
33)  tert-butyl ethyl ether
       2.012 1.823 1.937 1.806 1.834 1.856 1.880       1.848   1.874    3.67
34)  isobutyl alcohol
             0.053 0.060 0.056 0.059 0.060 0.062       0.060   0.059    5.02
35)  2,2-dichloropropane
       0.621 0.548 0.569 0.507 0.529 0.538 0.560       0.559   0.554    6.09
36)  cis-1,2-dichloroethene
       0.766 0.674 0.596 0.586 0.586 0.588 0.602       0.577   0.622   10.57
37)  ethyl acetate
                                                               0.000   -1.00
38)  bromochloromethane
       0.308 0.274 0.288 0.291 0.297 0.297 0.311       0.279   0.293    4.33
39)  chloroform
       1.055 0.924 0.966 0.889 0.892 0.912 0.953       0.902   0.937    5.89
40)  dibromofluoromethane (s)
       0.469 0.474 0.472 0.448 0.449 0.457 0.472 0.463 0.472   0.464    2.21
41)  Tetrahydrofuran
       0.164 0.183 0.196 0.175 0.177 0.184 0.196       0.184   0.182    5.87
42)  1,1,1-trichloroethane
       0.868 0.766 0.786 0.761 0.783 0.787 0.825       0.778   0.794    4.47

43) I   1,4-difluorobenzene   ----------------ISTD---------------------
44)  Cyclohexane
```

Initial Calibration Summary

Job Number: M66438 **Sample:** MSG2872-ICC2872
Account: GEI GEI Consultants, Inc. **Lab FileID:** G71535.D
Project: GEI Tufts Street Somerville MA

```
            0.654 0.554 0.578 0.695 0.736 0.722 0.709       0.660   0.663   10.06
45)  carbon tetrachloride
            0.514 0.435 0.455 0.476 0.497 0.507 0.529       0.485   0.487    6.41
46)  1,1-dichloropropene
            0.538 0.418 0.453 0.469 0.473 0.476 0.484       0.452   0.470    7.27
47)  benzene
            1.674 1.434 1.479 1.442 1.437 1.446 1.444 1.252 1.388   1.444    7.52
48)  1,2-dichloroethane
            0.544 0.482 0.488 0.424 0.426 0.436 0.463       0.453   0.465    8.65
49)  tert-amyl methyl ether
            1.303 1.190 1.225 1.203 1.222 1.240 1.262       1.205   1.231    3.00
50)  heptane
            0.510 0.414 0.412 0.449 0.486 0.468 0.465       0.436   0.455    7.48
51)  trichloroethene
            0.451 0.367 0.398 0.408 0.398 0.395 0.392       0.371   0.398    6.50
52)  1,2-dichloropropane
            0.413 0.368 0.395 0.367 0.366 0.365 0.369       0.362   0.375    4.89
53)  dibromomethane
            0.255 0.246 0.236 0.223 0.223 0.228 0.238       0.219   0.234    5.46
54)  bromodichloromethane
            0.542 0.480 0.517 0.488 0.492 0.501 0.527       0.480   0.503    4.55
55)  Methylcyclohexane
            0.623 0.530 0.530 0.614 0.668 0.665 0.647       0.554   0.604    9.60
56)  2-chloroethyl vinyl ether
                        0.033 0.036 0.038 0.040 0.042       0.033   0.037   10.10
57)  methyl methacrylate
            0.217 0.208 0.251 0.267 0.271 0.277 0.292       0.254   0.255   11.42
58)  1,4-dioxane
                        0.002 0.003 0.003 0.003 0.004       0.003   0.003   24.61
             ----- Linear regression -----  Coefficient =  0.9998
               Response Ratio = -0.00215 + 0.00364 *A

59)  cis-1,3-dichloropropene
            0.596 0.514 0.571 0.558 0.562 0.565 0.592 0.515 0.544   0.558    5.24
60)  toluene-d8 (s)
            1.257 1.259 1.262 1.207 1.225 1.225 1.258 1.257 1.252   1.245    1.62
61)  4-methyl-2-pentanone
            0.423 0.375 0.408 0.392 0.398 0.412 0.427       0.397   0.404    4.22
62)  toluene
            1.124 0.956 0.964 0.915 0.928 0.922 0.929       0.894   0.954    7.57
63)  trans-1,3-dichloropropene
            0.513 0.461 0.489 0.478 0.489 0.498 0.523 0.391 0.480   0.480    8.00
64)  1,1,2-trichloroethane
            0.302 0.270 0.293 0.278 0.281 0.286 0.296       0.276   0.285    3.92
65)  ethyl methacrylate
            0.469 0.371 0.453 0.502 0.498 0.510 0.528       0.466   0.475   10.29

66) I   chlorobenzene-d5      ----------------ISTD--------------------
67)  tetrachloroethene
            0.806 0.654 0.723 0.823 0.820 0.800 0.817       0.716   0.770    8.26
68)  1,3-dichloropropane
            1.281 1.126 1.177 1.127 1.120 1.092 1.095       1.069   1.136    5.88
69)  dibromochloromethane
            0.786 0.717 0.737 0.790 0.791 0.791 0.821       0.715   0.768    5.16
70)  1,2-dibromoethane
            0.683 0.619 0.674 0.684 0.681 0.679 0.694       0.623   0.667    4.33
71)  2-hexanone
            0.496 0.441 0.521 0.548 0.554 0.552 0.562       0.510   0.523    7.73
72)  chlorobenzene
            2.259 2.034 2.001 2.090 2.076 2.041 2.049       1.895   2.056    4.96
```

Initial Calibration Summary

Job Number: M66438 **Sample:** MSG2872-ICC2872
Account: GEI GEI Consultants, Inc. **Lab FileID:** G71535.D
Project: GEI Tufts Street Somerville MA

```
 73)  1,1,1,2-tetrachloroethane
            0.727 0.657 0.669 0.726 0.734 0.740 0.763       0.652   0.709    5.99
 74)  ethylbenzene
            3.443 3.002 3.174 3.463 3.457 3.390 3.348       3.184   3.308    5.11
 75)  m,p-xylene
            1.687 1.393 1.326 1.405 1.411 1.394 1.339       1.271   1.403    8.86
 76)  o-xylene
            1.384 1.197 1.278 1.376 1.390 1.379 1.340       1.258   1.325    5.45
 77)  styrene
            1.917 1.433 1.799 2.233 2.143 2.144 2.244       1.894   1.976   13.93
 78)  bromoform
            0.533 0.485 0.513 0.599 0.611 0.623 0.632       0.533   0.566    9.96
 79)  trans-1,4-dichloro-2-butene
                  0.117 0.152 0.193 0.199 0.207 0.206       0.169   0.178   18.94
              ----- Linear regression -----  Coefficient =  0.9999
                Response Ratio = -0.01108 + 0.20781 *A


 80) I   1,4-dichlorobenzene-d ----------------ISTD---------------------
 81)  isopropylbenzene
            3.056 2.604 2.762 2.937 2.912 2.987 3.231       2.740   2.904    6.83
 82)  bromofluorobenzene (s)
            0.891 0.900 0.898 0.854 0.845 0.872 0.965 0.908 0.884   0.891    3.92
 83)  bromobenzene
            0.988 0.890 0.914 0.918 0.919 0.949 1.070       0.853   0.938    7.09
 84)  1,1,2,2-tetrachloroethane
            0.743 0.744 0.693 0.662 0.723 0.765 0.886       0.695   0.739    9.22
 85)  1,2,3-trichloropropane
            0.975 0.832 0.890 0.924 0.930 0.974 1.089       0.862   0.935    8.57
 86)  n-propylbenzene
            3.914 3.493 3.646 3.928 3.913 3.980 4.150       3.737   3.845    5.41
 87)  2-chlorotoluene
            2.499 2.220 2.337 2.320 2.311 2.365 2.553       2.249   2.357    4.90
 88)  4-chlorotoluene
            2.686 2.254 2.407 2.374 2.370 2.433 2.596       2.279   2.425    6.11
 89)  1,3,5-trimethylbenzene
            2.703 2.389 2.571 2.765 2.802 2.825 2.817       2.617   2.686    5.68
 90)  tert-butylbenzene
            1.476 1.314 1.404 1.498 1.495 1.510 1.469       1.456   1.453    4.47
 91)  1,2,4-trimethylbenzene
            2.872 2.531 2.698 2.854 2.883 2.894 2.881       2.705   2.790    4.72
 92)  sec-butylbenzene
            3.400 3.071 3.215 3.634 3.671 3.598 3.352       3.417   3.420    6.14
 93)  1,3-dichlorobenzene
            1.725 1.575 1.596 1.685 1.695 1.712 1.759       1.543   1.661    4.74
 94)  p-isopropyltoluene
            2.948 2.648 2.761 3.090 3.205 3.160 2.815       2.819   2.931    6.92
 95)  1,4-dichlorobenzene
            1.886 1.668 1.772 1.765 1.827 1.851 1.834       1.617   1.778    5.24
 96)  1,2-dichlorobenzene
            1.650 1.454 1.518 1.536 1.582 1.559 1.555       1.409   1.533    4.87
 97)  n-butylbenzene
            2.641 2.286 2.453 2.775 2.875 2.751 2.337       2.617   2.592    8.25
 98)  1,2-dibromo-3-chloropropane
                  0.126 0.123 0.116 0.121 0.113 0.119       0.108   0.118    5.03
 99)  1,2,4-trichlorobenzene
            0.921 0.859 0.888 0.988 1.039 0.923 0.624       0.844   0.886   14.01
100)  hexachlorobutadiene
            0.523 0.472 0.479 0.560 0.556 0.502 0.366       0.497   0.494   12.36
101)  naphthalene
```

Initial Calibration Summary

Job Number: M66438
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSG2872-ICC2872
Lab FileID: G71535.D

```
            1.787 1.496 1.540 1.719 1.918 1.632 1.239       1.427   1.595   13.53
102)  1,2,3-trichlorobenzene
            0.578 0.547 0.545 0.620 0.697 0.562 0.349       0.536   0.554   17.79
          ----- Quadratic regression -----                 Coefficient =  0.9978
              Response Ratio = -0.04134 + 0.79280 *A + -0.05483 *A^2

103)  2-Methylnaphthalene
                                                                0.000   -1.00
 ---------------------------------------------------------------------------
 (#) = Out of Range  ###  Number of calibration levels exceeded format  ###

          G071007W.M        Thu Jul 19 15:49:40 2007   RP1
```

Initial Calibration Verification

Job Number: M66438
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSG2872-ICV2872
Lab FileID: G71537.D

Evaluate Continuing Calibration Report

```
Data File : C:\HPCHEM\1\DATA\G71537.D                    Vial: 25
Acq On    : 11 Jul 2007   3:10 am                   Operator: kimt
Sample    : icv2872-50                              Inst    : 5973 G
Misc      : ms13909,msg2872,,,,5,1                  Multiplr: 1.00
MS Integration Params: RTEINT.P

Method       : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title        : SW-846 Method 8260
Last Update  : Wed Jul 11 12:34:33 2007
Response via : Multiple Level Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	tert butyl alcohol-d9	1.000	1.000	0.0	88	0.00	6.71
2	M	tertiary butyl alcohol	1.184	1.291	-9.0	94	0.00	6.80
3	I	pentafluorobenzene	1.000	1.000	0.0	98	0.00	9.11
4	T	Ethanol	0.004	0.004	0.0	97	-0.01	5.73
5	M	dichlorodifluoromethane	0.407	0.461	-13.3	119	0.00	4.44
6	P	chloromethane	0.534	0.536	-0.4	109	0.00	4.71
7	c	vinyl chloride	0.534	0.542	-1.5	102	0.00	4.95
		----------	True	Calc.	% Drift	----------		
8	M	bromomethane	50.000	47.590	4.8	93	0.00	5.44
		----------	AvgRF	CCRF	% Dev	----------		
9	M	chloroethane	0.371	0.364	1.9	100	0.00	5.58
10	M	ethyl ether	0.486	0.398	18.1	82	0.00	6.42
		----------	True	Calc.	% Drift	----------		
11	M	acetonitrile	50.000	5.288	89.4#	8	-0.08	6.08
		----------	AvgRF	CCRF	% Dev	----------		
12	M	trichlorofluoromethane	0.652	0.574	12.0	89	0.00	6.23
13	M	freon-113	0.448	0.430	4.0	96	0.00	7.00
14	M	acrolein	0.053	0.058	-9.4	113	0.00	6.17
		----------	True	Calc.	% Drift	----------		
15	c	1,1-dichloroethene	50.000	44.321	11.4	89	0.00	6.79
		----------	AvgRF	CCRF	% Dev	----------		
16	M	acetone	0.178	0.153	14.0	90	0.00	6.30
17	M	Methyl Acetate	0.833	0.581	30.3#	75	0.00	6.94
		----------	True	Calc.	% Drift	----------		
18	M	methylene chloride	50.000	45.524	9.0	91	0.00	6.93
		----------	AvgRF	CCRF	% Dev	----------		
19	M	methyl tert butyl ether	1.639	1.457	11.1	92	0.00	7.71
20	M	acrylonitrile	0.229	0.205	10.5	91	0.00	6.82
21	M	allyl chloride	0.854	0.744	12.9	87	0.00	7.02
22	M	trans-1,2-dichloroethene	0.526	0.476	9.5	87	0.00	7.62
23	M	iodomethane	0.929	0.824	11.3	88	0.00	6.85
24	M	carbon disulfide	1.578	1.315	16.7	83	0.00	7.22

Initial Calibration Verification

Job Number: M66438
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSG2872-ICV2872
Lab FileID: G71537.D

			True	Calc.	% Drift			
25	M	propionitrile	50.000	45.450	9.1	94	0.00	6.81
26	M	vinyl acetate	50.000	50.673	-1.3	134	0.00	7.95

			AvgRF	CCRF	% Dev			
27	M	chloroprene	0.661	0.594	10.1	87	0.00	8.23
28	M	di-isopropyl ether	2.042	1.654	19.0	83	0.00	8.27
29	M	methacrylonitrile	0.381	0.326	14.4	86	0.00	8.37
30	M	2-butanone	0.072	0.065	9.7	88	0.00	8.27
31	M	Hexane	0.777	0.568	26.9#	76	0.00	8.26
32	P	1,1-dichloroethane	0.965	0.853	11.6	91	0.00	7.86
33	M	tert-butyl ethyl ether	1.874	1.567	16.4	85	0.00	8.67
34	M	isobutyl alcohol	0.059	0.051	13.6	89	0.00	8.69
35	M	2,2-dichloropropane	0.554	0.473	14.6	92	0.00	8.73
36	M	cis-1,2-dichloroethene	0.622	0.516	17.0	87	0.00	8.43
37	M	ethyl acetate	0.000	0.044	0.0	0#	-0.04	8.17
38	M	bromochloromethane	0.293	0.268	8.5	90	0.00	8.60
39	c	chloroform	0.937	0.820	12.5	91	0.00	8.64
40	S	dibromofluoromethane (s)	0.464	0.456	1.7	100	0.00	8.76
41	M	Tetrahydrofuran	0.182	0.167	8.2	94	0.00	8.97
42	M	1,1,1-trichloroethane	0.794	0.689	13.2	89	0.00	9.40
43	I	1,4-difluorobenzene	1.000	1.000	0.0	97	0.00	9.98
44	M	Cyclohexane	0.663	0.567	14.5	79	0.00	9.69
45	M	carbon tetrachloride	0.487	0.431	11.5	88	0.00	9.76
46	M	1,1-dichloropropene	0.470	0.409	13.0	84	0.00	9.56
47	M	benzene	1.444	1.293	10.5	87	0.00	9.79
48	M	1,2-dichloroethane	0.465	0.399	14.2	91	0.00	9.28
49	M	tert-amyl methyl ether	1.231	1.039	15.6	84	0.00	9.91
50	M	heptane	0.455	0.301	33.8#	65	0.00	10.26
51	M	trichloroethene	0.398	0.351	11.8	83	0.00	10.41
52	c	1,2-dichloropropane	0.375	0.338	9.9	89	0.00	10.37
53	M	dibromomethane	0.234	0.203	13.2	88	0.00	10.34
54	M	bromodichloromethane	0.503	0.414	17.7	82	0.00	10.46
55	M	Methylcyclohexane	0.604	0.477	21.0#	75	0.00	10.93
56	M	2-chloroethyl vinyl ether	0.037	0.025	32.4#	69	0.00	10.83
57	M	methyl methacrylate	0.255	0.245	3.9	89	0.00	10.55

			True	Calc.	% Drift			
58	M	1,4-dioxane	250.000	237.497	5.0	89	-0.02	10.56

			AvgRF	CCRF	% Dev			
59	M	cis-1,3-dichloropropene	0.563	0.509	9.6	88	0.00	11.07
60	S	toluene-d8 (s)	1.245	1.223	1.8	98	0.00	11.79
61	M	4-methyl-2-pentanone	0.404	0.371	8.2	92	0.00	11.17
62	c	toluene	0.954	0.794	16.8	84	0.00	11.86
63	M	trans-1,3-dichloropropene	0.491	0.436	11.2	88	0.00	11.49
64	M	1,1,2-trichloroethane	0.285	0.262	8.1	91	0.00	11.67
65	M	ethyl methacrylate	0.475	0.465	2.1	90	0.00	11.87
66	I	chlorobenzene-d5	1.000	1.000	0.0	99	0.00	13.25
67	M	tetrachloroethene	0.770	0.630	18.2	76	0.00	12.60
68	M	1,3-dichloropropane	1.136	1.023	9.9	90	0.00	11.90
69	M	dibromochloromethane	0.768	0.691	10.0	87	0.00	12.20
70	M	1,2-dibromoethane	0.667	0.598	10.3	87	0.00	12.45
71	M	2-hexanone	0.523	0.508	2.9	92	0.00	12.02
72	P	chlorobenzene	2.056	1.783	13.3	85	0.00	13.28
73	M	1,1,1,2-tetrachloroethane	0.709	0.667	5.9	91	0.00	13.20
74	c	ethylbenzene	3.308	2.894	12.5	83	0.00	13.46
75	M	m,p-xylene	1.403	1.155	17.7	82	0.00	13.64

Initial Calibration Verification

Job Number: M66438
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSG2872-ICV2872
Lab FileID: G71537.D

76	M	o-xylene	1.325	1.141	13.9	82	0.00	14.05
77	M	styrene	1.976	1.913	3.2	85	0.00	13.98
78	P	bromoform	0.566	0.541	4.4	90	0.00	13.81
		----------	True	Calc.	% Drift	----------		
79	M	trans-1,4-dichloro-2-bute	50.000	44.473	11.1	89	0.00	14.19
		----------	AvgRF	CCRF	% Dev	----------		
80	I	1,4-dichlorobenzene-d4	1.000	1.000	0.0	100	0.00	15.81
81	M	isopropylbenzene	2.904	2.385	17.9	81	0.00	14.42
82	S	bromofluorobenzene (s)	0.891	0.858	3.7	101	0.00	14.47
83	M	bromobenzene	0.938	0.787	16.1	86	0.00	14.70
84	P	1,1,2,2-tetrachloroethane	0.739	0.669	9.5	101	0.00	14.05
85	M	1,2,3-trichloropropane	0.935	0.856	8.4	93	0.00	14.20
86	M	n-propylbenzene	3.845	3.133	18.5	80	0.00	14.86
87	M	2-chlorotoluene	2.357	1.922	18.5	83	0.00	14.98
88	M	4-chlorotoluene	2.425	1.979	18.4	83	0.00	15.06
89	M	1,3,5-trimethylbenzene	2.686	2.200	18.1	80	0.00	15.14
90	M	tert-butylbenzene	1.453	1.208	16.9	81	0.00	15.45
91	M	1,2,4-trimethylbenzene	2.790	2.286	18.1	80	0.00	15.55
92	M	sec-butylbenzene	3.420	2.898	15.3	80	0.00	15.67
93	M	1,3-dichlorobenzene	1.661	1.356	18.4	81	0.00	15.77
94	M	p-isopropyltoluene	2.931	2.434	17.0	79	0.00	15.84
95	M	1,4-dichlorobenzene	1.778	1.454	18.2	82	0.00	15.84
96	M	1,2-dichlorobenzene	1.533	1.318	14.0	86	0.00	16.20
97	M	n-butylbenzene	2.592	2.152	17.0	78	0.00	16.26
98	M	1,2-dibromo-3-chloropropa	0.118	0.107	9.3	92	0.00	16.68
99	M	1,2,4-trichlorobenzene	0.886	0.791	10.7	80	0.00	18.09
100	M	hexachlorobutadiene	0.494	0.455	7.9	81	0.00	18.40
101	M	naphthalene	1.595	1.490	6.6	87	0.00	18.38
		----------	True	Calc.	% Drift	----------		
102	M	1,2,3-trichlorobenzene	50.000	37.905	24.2#	85	0.00	18.60
		----------	AvgRF	CCRF	% Dev	----------		
103	M	2-Methylnaphthalene		----------NA----------				

(7.3 %) 7 of 96 compounds'%D > 20

(#) = Out of Range SPCC's out = 0 CCC's out = 0
G71536.D G071007W.M Wed Jul 11 13:22:03 2007 RPT1

Continuing Calibration Summary

Job Number: M66438
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSG2884-CC2872
Lab FileID: G71836.D

Evaluate Continuing Calibration Report

```
Data File : C:\HPCHEM\1\DATA\G71836.D                    Vial: 1
Acq On    : 23 Jul 2007   9:28 am                    Operator: kimt
Sample    : cc2872-100                               Inst    : 5973 G
Misc      : ms13981,msg2884,,,,5,1                   Multiplr: 1.00
MS Integration Params: RTEINT.P

Method       : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title        : SW-846 Method 8260
Last Update  : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	tert butyl alcohol-d9	1.000	1.000	0.0	93	-0.01	6.70
2	M	tertiary butyl alcohol	1.184	1.221	-3.1	98	0.00	6.80
3	I	pentafluorobenzene	1.000	1.000	0.0	103	0.00	9.11
4	T	Ethanol	0.004	0.004	0.0	105	-0.04	5.69
5	M	dichlorodifluoromethane	0.407	0.369	9.3	90	0.00	4.44
6	P	chloromethane	0.534	0.483	9.6	101	0.00	4.71
7	c	vinyl chloride	0.534	0.522	2.2	100	0.00	4.95
		----------	True	Calc.	% Drift	----------		
8	M	bromomethane	100.000	102.751	-2.8	103	0.00	5.45
		----------	AvgRF	CCRF	% Dev	----------		
9	M	chloroethane	0.371	0.357	3.8	99	0.00	5.58
10	M	ethyl ether	0.486	0.470	3.3	102	0.00	6.42
		----------	True	Calc.	% Drift	----------		
11	M	acetonitrile	100.000	89.940	10.1	89	0.00	6.15
		----------	AvgRF	CCRF	% Dev	----------		
12	M	trichlorofluoromethane	0.652	0.686	-5.2	107	0.00	6.23
13	M	freon-113	0.448	0.502	-12.1	106	0.00	6.99
14	M	acrolein	0.053	0.042	20.8#	89	0.00	6.17
		----------	True	Calc.	% Drift	----------		
15	c	1,1-dichloroethene	100.000	102.861	-2.9	106	0.00	6.79
		----------	AvgRF	CCRF	% Dev	----------		
16	M	acetone	0.178	0.145	18.5	89	0.00	6.29
17	M	Methyl Acetate	0.833	0.746	10.4	97	0.00	6.94
		----------	True	Calc.	% Drift	----------		
18	M	methylene chloride	100.000	100.346	-0.3	104	0.00	6.93
		----------	AvgRF	CCRF	% Dev	----------		
19	M	methyl tert butyl ether	1.639	1.538	6.2	101	0.00	7.71
20	M	acrylonitrile	0.229	0.206	10.0	96	0.00	6.81
21	M	allyl chloride	0.854	0.863	-1.1	107	0.00	7.02
22	M	trans-1,2-dichloroethene	0.526	0.549	-4.4	107	0.00	7.61
23	M	iodomethane	0.929	0.963	-3.7	106	0.00	6.85
24	M	carbon disulfide	1.578	1.568	0.6	101	0.00	7.22

Continuing Calibration Summary

Job Number: M66438
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSG2884-CC2872
Lab FileID: G71836.D

			True	Calc.	% Drift			
25	M	propionitrile	100.000	91.759	8.2	99	0.00	6.81
26	M	vinyl acetate	100.000	191.377	-91.4#	226	0.00	7.95

			AvgRF	CCRF	% Dev			
27	M	chloroprene	0.661	0.694	-5.0	107	0.00	8.23
28	M	di-isopropyl ether	2.042	1.992	2.4	105	0.00	8.27
29	M	methacrylonitrile	0.381	0.337	11.5	96	0.00	8.37
30	M	2-butanone	0.072	0.068	5.6	99	0.00	8.26
31	M	Hexane	0.777	0.832	-7.1	112	0.00	8.25
32	P	1,1-dichloroethane	0.965	0.944	2.2	106	0.00	7.86
33	M	tert-butyl ethyl ether	1.874	1.830	2.3	103	0.00	8.66
34	M	isobutyl alcohol	0.059	0.055	6.8	96	0.00	8.68
35	M	2,2-dichloropropane	0.554	0.723	-30.5#	141	0.00	8.73
36	M	cis-1,2-dichloroethene	0.622	0.608	2.3	107	0.00	8.43
37	M	ethyl acetate	0.000	0.032	0.0	0#	-0.05	8.16
38	M	bromochloromethane	0.293	0.305	-4.1	106	0.00	8.59
39	c	chloroform	0.937	0.927	1.1	107	0.00	8.63
40	S	dibromofluoromethane (s)	0.464	0.464	0.0	107	0.00	8.75
41	M	Tetrahydrofuran	0.182	0.152	16.5	89	0.00	8.96
42	M	1,1,1-trichloroethane	0.794	0.783	1.4	103	0.00	9.39
43	I	1,4-difluorobenzene	1.000	1.000	0.0	105	0.00	9.98
44	M	Cyclohexane	0.663	0.708	-6.8	101	0.00	9.69
45	M	carbon tetrachloride	0.487	0.509	-4.5	107	0.00	9.76
46	M	1,1-dichloropropene	0.470	0.480	-2.1	106	0.00	9.56
47	M	benzene	1.444	1.455	-0.8	106	0.00	9.79
48	M	1,2-dichloroethane	0.465	0.432	7.1	106	0.00	9.28
49	M	tert-amyl methyl ether	1.231	1.186	3.7	101	0.00	9.91
50	M	heptane	0.455	0.550	-20.9#	118	0.00	10.26
51	M	trichloroethene	0.398	0.360	9.5	95	0.00	10.40
52	c	1,2-dichloropropane	0.375	0.373	0.5	107	0.00	10.37
53	M	dibromomethane	0.234	0.227	3.0	107	0.00	10.34
54	M	bromodichloromethane	0.503	0.498	1.0	106	0.00	10.46
55	M	Methylcyclohexane	0.604	0.680	-12.6	106	0.00	10.93
56	M	2-chloroethyl vinyl ether	0.037	0.036	2.7	97	0.00	10.82
57	M	methyl methacrylate	0.255	0.257	-0.8	99	0.00	10.54

			True	Calc.	% Drift			
58	M	1,4-dioxane	500.000	461.285	7.7	98	-0.01	10.57

			AvgRF	CCRF	% Dev			
59	M	cis-1,3-dichloropropene	0.558	0.596	-6.8	111	0.00	11.07
60	S	toluene-d8 (s)	1.245	1.235	0.8	105	0.00	11.78
61	M	4-methyl-2-pentanone	0.404	0.348	13.9	91	0.00	11.16
62	c	toluene	0.954	0.943	1.2	106	0.00	11.85
63	M	trans-1,3-dichloropropene	0.480	0.504	-5.0	108	0.00	11.49
64	M	1,1,2-trichloroethane	0.285	0.276	3.2	103	0.00	11.66
65	M	ethyl methacrylate	0.475	0.501	-5.5	105	0.00	11.86
66	I	chlorobenzene-d5	1.000	1.000	0.0	104	0.00	13.24
67	M	tetrachloroethene	0.770	0.835	-8.4	106	0.00	12.60
68	M	1,3-dichloropropane	1.136	1.100	3.2	102	0.00	11.90
69	M	dibromochloromethane	0.768	0.796	-3.6	105	0.00	12.19
70	M	1,2-dibromoethane	0.667	0.667	0.0	102	0.00	12.44
71	M	2-hexanone	0.523	0.466	10.9	88	0.00	12.02
72	P	chlorobenzene	2.056	2.106	-2.4	106	0.00	13.28
73	M	1,1,1,2-tetrachloroethane	0.709	0.753	-6.2	107	0.00	13.19
74	c	ethylbenzene	3.308	3.482	-5.3	105	0.00	13.45
75	M	m,p-xylene	1.403	1.441	-2.7	106	0.00	13.64

Continuing Calibration Summary

Job Number: M66438 **Sample:** MSG2884-CC2872
Account: GEI GEI Consultants, Inc. **Lab FileID:** G71836.D
Project: GEI Tufts Street Somerville MA

76	M	o-xylene	1.325	1.413	-6.6	106	0.00	14.05
77	M	styrene	1.976	2.310	-16.9	112	0.00	13.98
78	P	bromoform	0.566	0.588	-3.9	100	0.00	13.80
		----------	True	Calc.	% Drift	----------		
79	M	trans-1,4-dichloro-2-bute	100.000	76.075	23.9#	80	0.00	14.19
		----------	AvgRF	CCRF	% Dev	----------		
80	I	1,4-dichlorobenzene-d4	1.000	1.000	0.0	105	0.00	15.80
81	M	isopropylbenzene	2.904	2.893	0.4	104	0.00	14.41
82	S	bromofluorobenzene (s)	0.891	0.849	4.7	105	0.00	14.47
83	M	bromobenzene	0.938	0.919	2.0	105	0.00	14.70
84	P	1,1,2,2-tetrachloroethane	0.739	0.793	-7.3	115	0.00	14.05
85	M	1,2,3-trichloropropane	0.935	0.800	14.4	90	0.00	14.19
86	M	n-propylbenzene	3.845	3.877	-0.8	104	0.00	14.86
87	M	2-chlorotoluene	2.357	2.256	4.3	102	0.00	14.98
88	M	4-chlorotoluene	2.425	2.298	5.2	102	0.00	15.05
89	M	1,3,5-trimethylbenzene	2.686	2.727	-1.5	102	0.00	15.14
90	M	tert-butylbenzene	1.453	1.449	0.3	101	0.00	15.44
91	M	1,2,4-trimethylbenzene	2.790	2.823	-1.2	103	0.00	15.55
92	M	sec-butylbenzene	3.420	3.566	-4.3	102	0.00	15.66
93	M	1,3-dichlorobenzene	1.661	1.660	0.1	103	0.00	15.77
94	M	p-isopropyltoluene	2.931	3.134	-6.9	102	0.00	15.83
95	M	1,4-dichlorobenzene	1.778	1.816	-2.1	104	0.00	15.83
96	M	1,2-dichlorobenzene	1.533	1.506	1.8	100	0.00	16.20
97	M	n-butylbenzene	2.592	2.709	-4.5	99	0.00	16.25
98	M	1,2-dibromo-3-chloropropa	0.118	0.099	16.1	86	0.00	16.67
99	M	1,2,4-trichlorobenzene	0.886	0.910	-2.7	92	0.00	18.08
100	M	hexachlorobutadiene	0.494	0.521	-5.5	98	0.00	18.40
101	M	naphthalene	1.595	1.498	6.1	82	0.00	18.37
		----------	True	Calc.	% Drift	----------		
102	M	1,2,3-trichlorobenzene	100.000	82.780	17.2	84	0.00	18.60
		----------	AvgRF	CCRF	% Dev	----------		
103	M	2-Methylnaphthalene		----------NA----------				

(5.2 %) 5 of 96 compounds'%D > 20

(#) = Out of Range SPCC's out = 0 CCC's out = 0
G71535.D G071007W.M Mon Jul 23 10:00:03 2007 RP1

Continuing Calibration Summary

Job Number: M66438
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSG2886-CC2872
Lab FileID: G71889.D

Evaluate Continuing Calibration Report

```
Data File : C:\HPCHEM\1\DATA\G71889.D                    Vial: 1
Acq On    : 24 Jul 2007   8:42 am                   Operator: kimt
Sample    : cc2872-100                              Inst    : 5973 G
Misc      : ms13993,msg2886,,,,5,1                  Multiplr: 1.00
MS Integration Params: RTEINT.P

Method       : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title        : SW-846 Method 8260
Last Update  : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	tert butyl alcohol-d9	1.000	1.000	0.0	95	0.00	6.71
2	M	tertiary butyl alcohol	1.184	1.217	-2.8	99	0.00	6.79
3	I	pentafluorobenzene	1.000	1.000	0.0	106	0.00	9.11
4	T	Ethanol	0.004	0.004	0.0	98	-0.04	5.70
5	M	dichlorodifluoromethane	0.407	0.312	23.3#	78	0.00	4.44
6	P	chloromethane	0.534	0.444	16.9	96	0.00	4.71
7	c	vinyl chloride	0.534	0.478	10.5	94	0.00	4.95
		----------	True	Calc.	% Drift	----------		
8	M	bromomethane	100.000	96.384	3.6	99	0.00	5.45
		----------	AvgRF	CCRF	% Dev	----------		
9	M	chloroethane	0.371	0.322	13.2	92	0.00	5.59
10	M	ethyl ether	0.486	0.436	10.3	98	0.00	6.42
		----------	True	Calc.	% Drift	----------		
11	M	acetonitrile	100.000	87.508	12.5	89	0.00	6.16
		----------	AvgRF	CCRF	% Dev	----------		
12	M	trichlorofluoromethane	0.652	0.594	8.9	95	0.00	6.23
13	M	freon-113	0.448	0.443	1.1	96	0.00	7.00
14	M	acrolein	0.053	0.050	5.7	108	0.00	6.17
		----------	True	Calc.	% Drift	----------		
15	c	1,1-dichloroethene	100.000	92.090	7.9	97	0.00	6.79
		----------	AvgRF	CCRF	% Dev	----------		
16	M	acetone	0.178	0.145	18.5	91	0.00	6.29
17	M	Methyl Acetate	0.833	0.705	15.4	94	0.00	6.94
		----------	True	Calc.	% Drift	----------		
18	M	methylene chloride	100.000	92.895	7.1	99	0.00	6.93
		----------	AvgRF	CCRF	% Dev	----------		
19	M	methyl tert butyl ether	1.639	1.407	14.2	95	0.00	7.71
20	M	acrylonitrile	0.229	0.196	14.4	94	0.00	6.82
21	M	allyl chloride	0.854	0.777	9.0	99	0.00	7.02
22	M	trans-1,2-dichloroethene	0.526	0.495	5.9	99	0.00	7.62
23	M	iodomethane	0.929	0.888	4.4	101	0.00	6.86
24	M	carbon disulfide	1.578	1.391	11.9	93	0.00	7.23

Continuing Calibration Summary

Job Number: M66438
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSG2886-CC2872
Lab FileID: G71889.D

			True	Calc.	% Drift			
25	M	propionitrile	100.000	89.732	10.3	99	0.00	6.81
26	M	vinyl acetate	100.000	183.357	-83.4#	219	0.00	7.95

			AvgRF	CCRF	% Dev			
27	M	chloroprene	0.661	0.622	5.9	98	0.00	8.23
28	M	di-isopropyl ether	2.042	1.834	10.2	100	0.00	8.27
29	M	methacrylonitrile	0.381	0.329	13.6	96	0.00	8.37
30	M	2-butanone	0.072	0.065	9.7	97	0.00	8.26
31	M	Hexane	0.777	0.765	1.5	106	0.00	8.25
32	P	1,1-dichloroethane	0.965	0.864	10.5	100	0.00	7.86
33	M	tert-butyl ethyl ether	1.874	1.674	10.7	97	0.00	8.67
34	M	isobutyl alcohol	0.059	0.053	10.2	95	0.00	8.68
35	M	2,2-dichloropropane	0.554	0.640	-15.5	129	0.00	8.73
36	M	cis-1,2-dichloroethene	0.622	0.561	9.8	102	0.00	8.43
37	M	ethyl acetate	0.000	0.027	0.0	0#	-0.04	8.17
38	M	bromochloromethane	0.293	0.287	2.0	103	0.00	8.60
39	c	chloroform	0.937	0.859	8.3	102	0.00	8.64
40	S	dibromofluoromethane (s)	0.464	0.454	2.2	108	0.00	8.76
41	M	Tetrahydrofuran	0.182	0.148	18.7	89	0.00	8.96
42	M	1,1,1-trichloroethane	0.794	0.703	11.5	96	0.00	9.40
43	I	1,4-difluorobenzene	1.000	1.000	0.0	106	0.00	9.98
44	M	Cyclohexane	0.663	0.623	6.0	90	0.00	9.69
45	M	carbon tetrachloride	0.487	0.460	5.5	98	0.00	9.76
46	M	1,1-dichloropropene	0.470	0.439	6.6	98	0.00	9.56
47	M	benzene	1.444	1.370	5.1	101	0.00	9.79
48	M	1,2-dichloroethane	0.465	0.408	12.3	102	0.00	9.28
49	M	tert-amyl methyl ether	1.231	1.116	9.3	97	0.00	9.91
50	M	heptane	0.455	0.513	-12.7	112	0.00	10.26
51	M	trichloroethene	0.398	0.339	14.8	90	0.00	10.41
52	c	1,2-dichloropropane	0.375	0.351	6.4	102	0.00	10.37
53	M	dibromomethane	0.234	0.219	6.4	104	0.00	10.34
54	M	bromodichloromethane	0.503	0.469	6.8	101	0.00	10.46
55	M	Methylcyclohexane	0.604	0.614	-1.7	98	0.00	10.93
56	M	2-chloroethyl vinyl ether	0.037	0.034	8.1	93	0.00	10.83
57	M	methyl methacrylate	0.255	0.244	4.3	96	0.00	10.54

			True	Calc.	% Drift			
58	M	1,4-dioxane	500.000	417.355	16.5	89	-0.01	10.57

			AvgRF	CCRF	% Dev			
59	M	cis-1,3-dichloropropene	0.558	0.556	0.4	105	0.00	11.07
60	S	toluene-d8 (s)	1.245	1.188	4.6	103	0.00	11.78
61	M	4-methyl-2-pentanone	0.404	0.335	17.1	89	0.00	11.16
62	c	toluene	0.954	0.888	6.9	102	0.00	11.86
63	M	trans-1,3-dichloropropene	0.480	0.470	2.1	102	0.00	11.49
64	M	1,1,2-trichloroethane	0.285	0.263	7.7	99	0.00	11.66
65	M	ethyl methacrylate	0.475	0.477	-0.4	102	0.00	11.86
66	I	chlorobenzene-d5	1.000	1.000	0.0	102	0.00	13.24
67	M	tetrachloroethene	0.770	0.814	-5.7	101	0.00	12.60
68	M	1,3-dichloropropane	1.136	1.085	4.5	99	0.00	11.90
69	M	dibromochloromethane	0.768	0.776	-1.0	100	0.00	12.19
70	M	1,2-dibromoethane	0.667	0.666	0.1	100	0.00	12.45
71	M	2-hexanone	0.523	0.478	8.6	88	0.00	12.02
72	P	chlorobenzene	2.056	2.063	-0.3	101	0.00	13.28
73	M	1,1,1,2-tetrachloroethane	0.709	0.730	-3.0	101	0.00	13.19
74	c	ethylbenzene	3.308	3.369	-1.8	99	0.00	13.45
75	M	m,p-xylene	1.403	1.409	-0.4	102	0.00	13.64

Continuing Calibration Summary

Job Number: M66438 **Sample:** MSG2886-CC2872
Account: GEI GEI Consultants, Inc. **Lab FileID:** G71889.D
Project: GEI Tufts Street Somerville MA

76	M	o-xylene	1.325	1.382	-4.3	101	0.00	14.05
77	M	styrene	1.976	2.237	-13.2	106	0.00	13.98
78	P	bromoform	0.566	0.576	-1.8	96	0.00	13.80
		----------	True	Calc.	% Drift	----------		
79	M	trans-1,4-dichloro-2-bute	100.000	68.419	31.6#	70	0.00	14.19
		----------	AvgRF	CCRF	% Dev	----------		
80	I	1,4-dichlorobenzene-d4	1.000	1.000	0.0	104	0.00	15.80
81	M	isopropylbenzene	2.904	2.742	5.6	97	0.00	14.41
82	S	bromofluorobenzene (s)	0.891	0.810	9.1	99	0.00	14.47
83	M	bromobenzene	0.938	0.886	5.5	100	0.00	14.70
84	P	1,1,2,2-tetrachloroethane	0.739	0.798	-8.0	114	0.00	14.05
85	M	1,2,3-trichloropropane	0.935	0.764	18.3	85	0.00	14.19
86	M	n-propylbenzene	3.845	3.681	4.3	97	0.00	14.86
87	M	2-chlorotoluene	2.357	2.160	8.4	97	0.00	14.98
88	M	4-chlorotoluene	2.425	2.214	8.7	97	0.00	15.05
89	M	1,3,5-trimethylbenzene	2.686	2.611	2.8	96	0.00	15.14
90	M	tert-butylbenzene	1.453	1.384	4.7	96	0.00	15.44
91	M	1,2,4-trimethylbenzene	2.790	2.700	3.2	97	0.00	15.55
92	M	sec-butylbenzene	3.420	3.419	0.0	96	0.00	15.66
93	M	1,3-dichlorobenzene	1.661	1.633	1.7	100	0.00	15.77
94	M	p-isopropyltoluene	2.931	3.066	-4.6	99	0.00	15.83
95	M	1,4-dichlorobenzene	1.778	1.796	-1.0	102	0.00	15.83
96	M	1,2-dichlorobenzene	1.533	1.496	2.4	98	0.00	16.20
97	M	n-butylbenzene	2.592	2.667	-2.9	96	0.00	16.25
98	M	1,2-dibromo-3-chloropropa	0.118	0.100	15.3	86	0.00	16.67
99	M	1,2,4-trichlorobenzene	0.886	0.930	-5.0	93	0.00	18.08
100	M	hexachlorobutadiene	0.494	0.514	-4.0	96	0.00	18.40
101	M	naphthalene	1.595	1.657	-3.9	89	0.00	18.37
		----------	True	Calc.	% Drift	----------		
102	M	1,2,3-trichlorobenzene	100.000	89.934	10.1	90	0.00	18.60
		----------	AvgRF	CCRF	% Dev	----------		
103	M	2-Methylnaphthalene		----------NA----------				

(3.1 %) 3 of 96 compounds'%D > 20

(#) = Out of Range SPCC's out = 0 CCC's out = 0
G71535.D G071007W.M Tue Jul 24 09:14:50 2007 RP1

GC/MS Volatiles

Raw Data

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani 07/25/07 15:58

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71855.D Vial: 5
Acq On : 23 Jul 2007 5:51 pm Operator: kimt
Sample : m66438-1 Inst : 5973 G
Misc : ms13993,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 8:55 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration
DataAcq Meth : G8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.75	65	5140m	50.00	ppb	0.03
3) pentafluorobenzene	9.11	168	184150	50.00	ppb	0.00
43) 1,4-difluorobenzene	9.98	114	276330	50.00	ppb	0.00
66) chlorobenzene-d5	13.24	82	142692	50.00	ppb	0.00
80) 1,4-dichlorobenzene-d4	15.80	152	141220	50.00	ppb	0.00

System Monitoring Compounds

40) dibromofluoromethane (s)	8.76	113	87582	51.26	ppb	0.00
Spiked Amount 50.000	Range 83 - 127		Recovery = 102.52%			
60) toluene-d8 (s)	11.78	98	334870	48.68	ppb	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 97.36%			
82) bromofluorobenzene (s)	14.47	95	125701	49.97	ppb	0.00
Spiked Amount 50.000	Range 81 - 119		Recovery = 99.94%			

Target Compounds

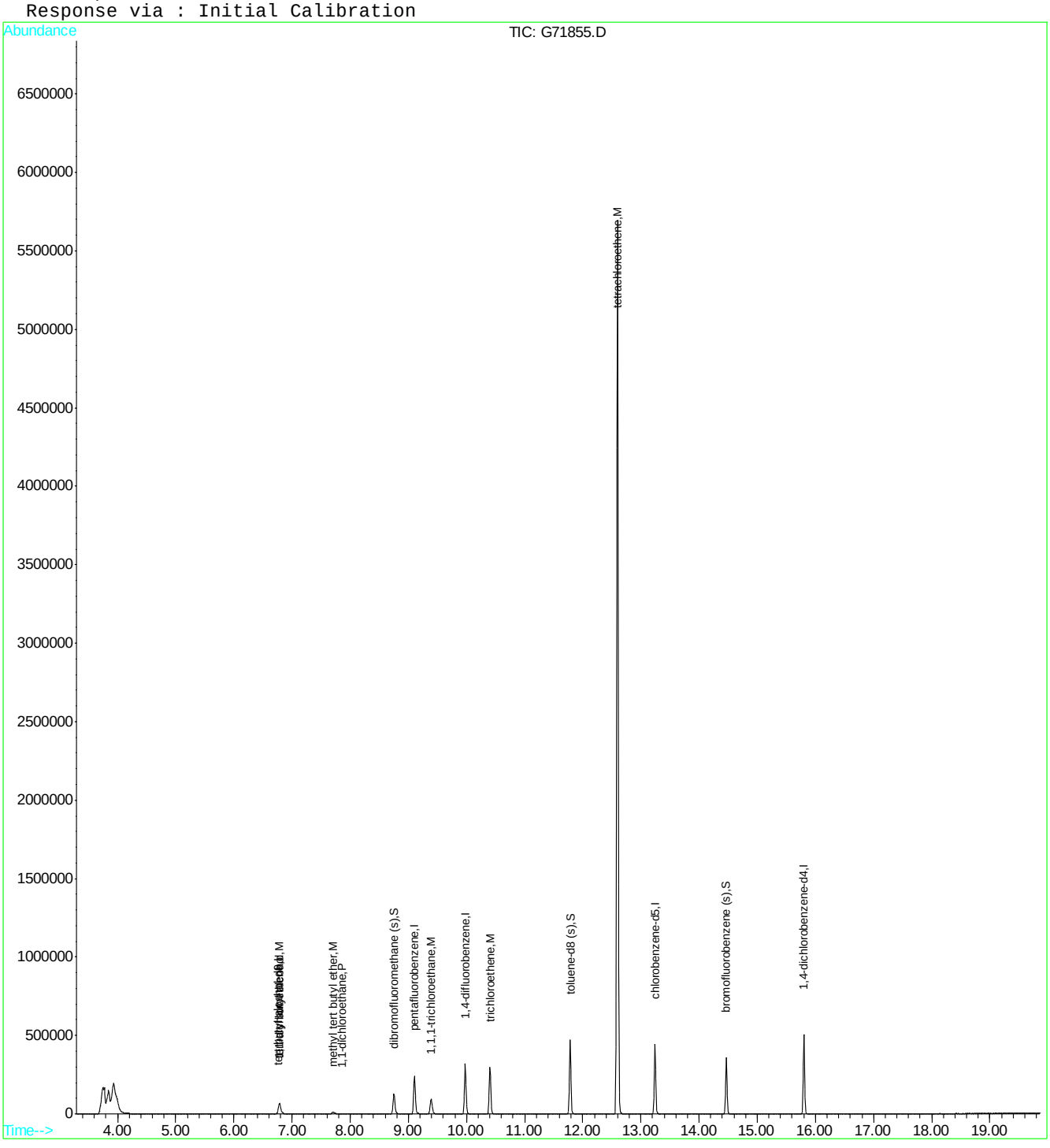
						Qvalue
2) tertiary butyl alcohol	6.78	59	2292	18.84	ppb	59
15) 1,1-dichloroethene	6.79	96	42050	23.60	ppb	93
19) methyl tert butyl ether	7.71	73	13881	2.30	ppb	89
32) 1,1-dichloroethane	7.86	63	1476	0.42	ppb	89
42) 1,1,1-trichloroethane	9.39	97	76787	26.25	ppb	97
51) trichloroethene	10.41	95	101282	46.10	ppb	95
67) tetrachloroethene	12.60	166	1834558	834.98	ppb	98

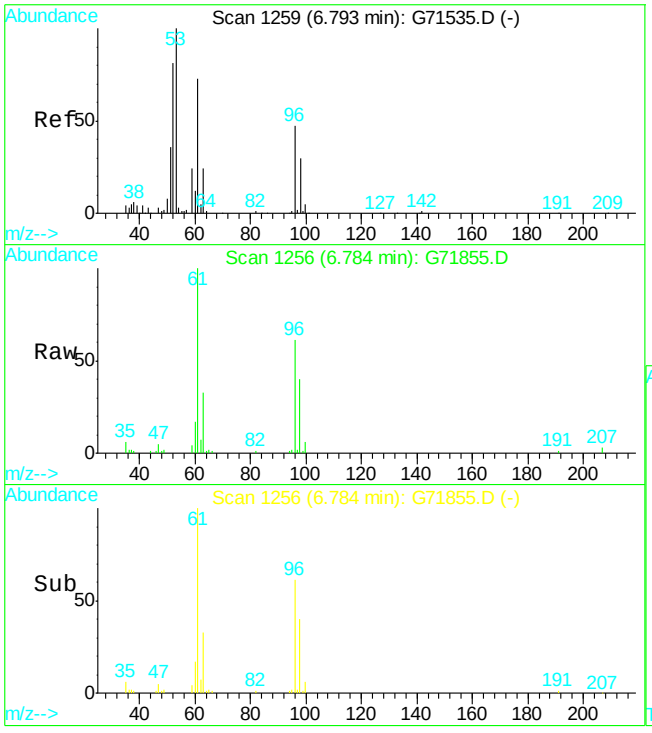
(#) = qualifier out of range (m) = manual integration
G71855.D G071007W.M Tue Jul 24 08:55:26 2007 RP1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\G71855.D Vial: 5
Acq On : 23 Jul 2007 5:51 pm Operator: kimt
Sample : m66438-1 Inst : 5973 G
Misc : ms13993,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 8:55 2007 Quant Results File: G071007W.RES

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration

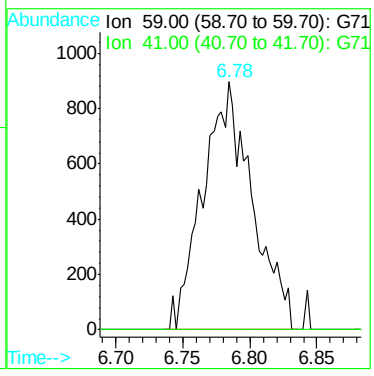


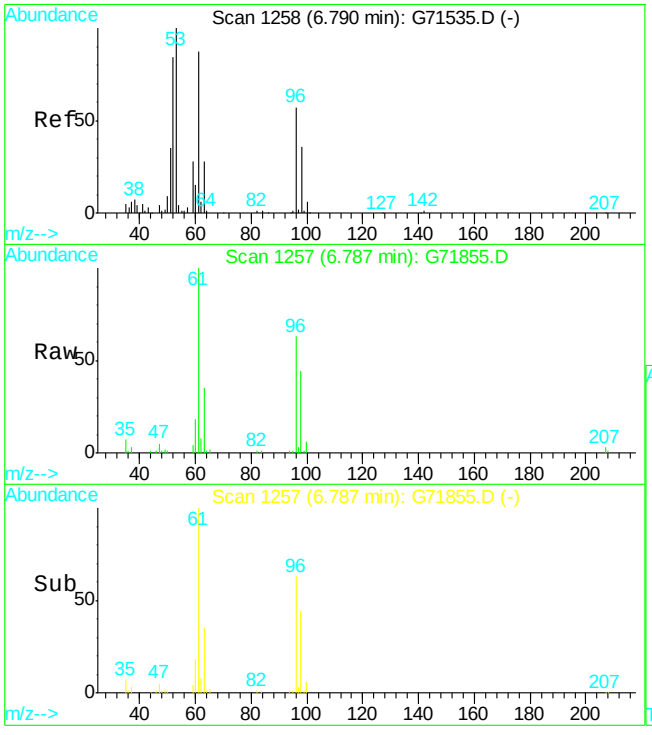


#2
tertiary butyl alcohol
Concen: 18.84 ppb
RT: 6.78 min Scan# 1256
Delta R.T. -0.01 min
Lab File: G71855.D
Acq: 23 Jul 2007 5:51 pm

Tgt Ion: 59 Resp: 2292

Ion	Ratio	Lower	Upper
59	100		
41	0.0	0.0	48.4

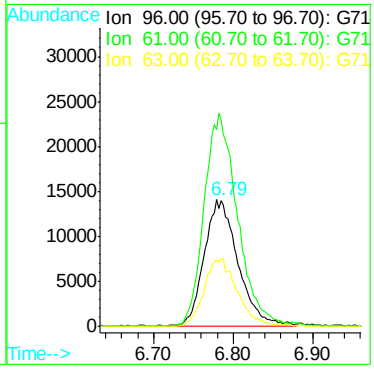


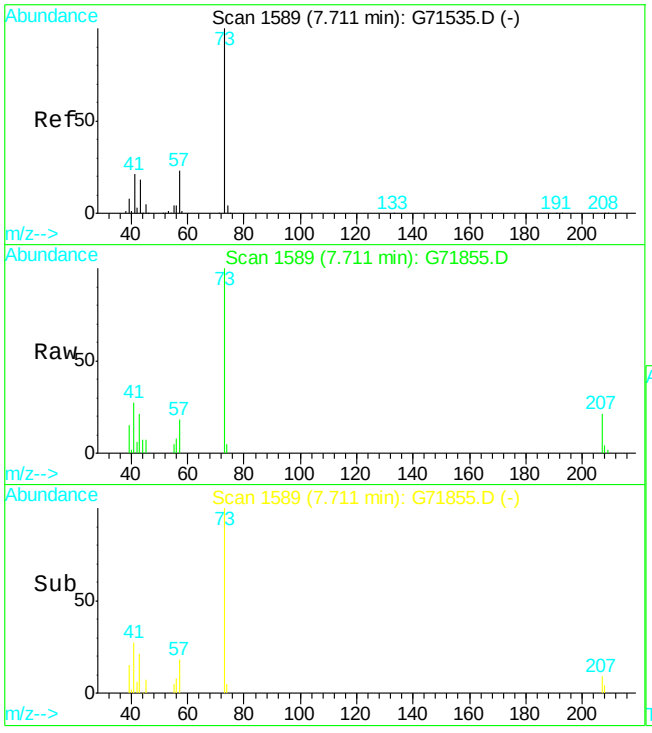


#15
1,1-dichloroethene
Concen: 23.60 ppb
RT: 6.79 min Scan# 1257
Delta R.T. -0.00 min
Lab File: G71855.D
Acq: 23 Jul 2007 5:51 pm

Tgt Ion: 96 Resp: 42050

Ion	Ratio	Lower	Upper
96	100		
61	159.3	121.4	181.4
63	56.1	18.9	78.9

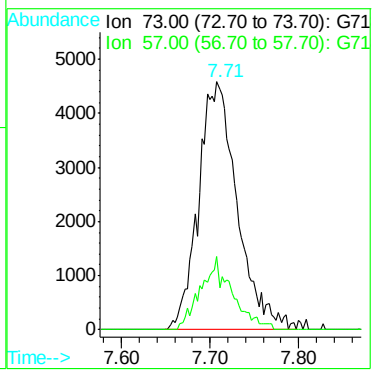


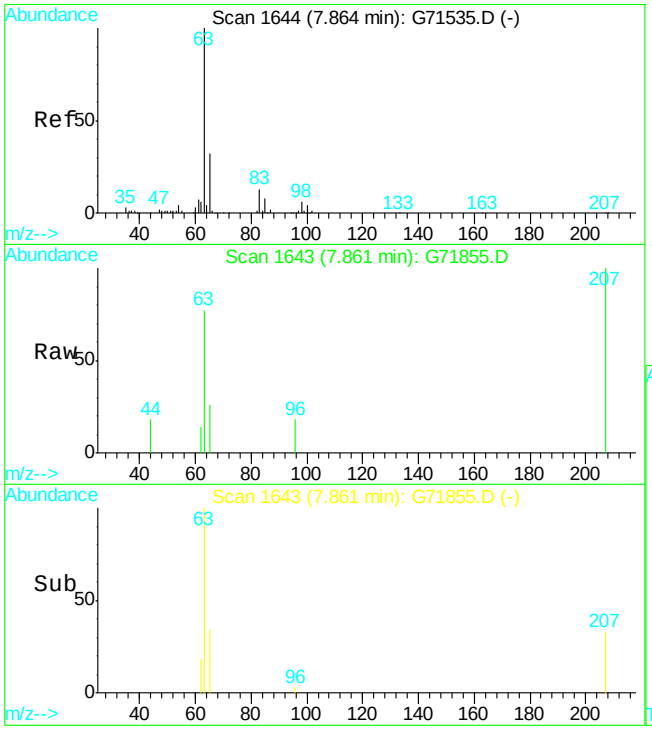


#19
methyl tert butyl ether
Concen: 2.30 ppb
RT: 7.71 min Scan# 1589
Delta R.T. 0.00 min
Lab File: G71855.D
Acq: 23 Jul 2007 5:51 pm

Tgt Ion: 73 Resp: 13881

Ion	Ratio	Lower	Upper
73	100		
57	17.6	0.0	52.8

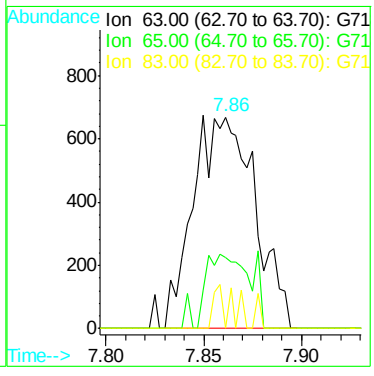


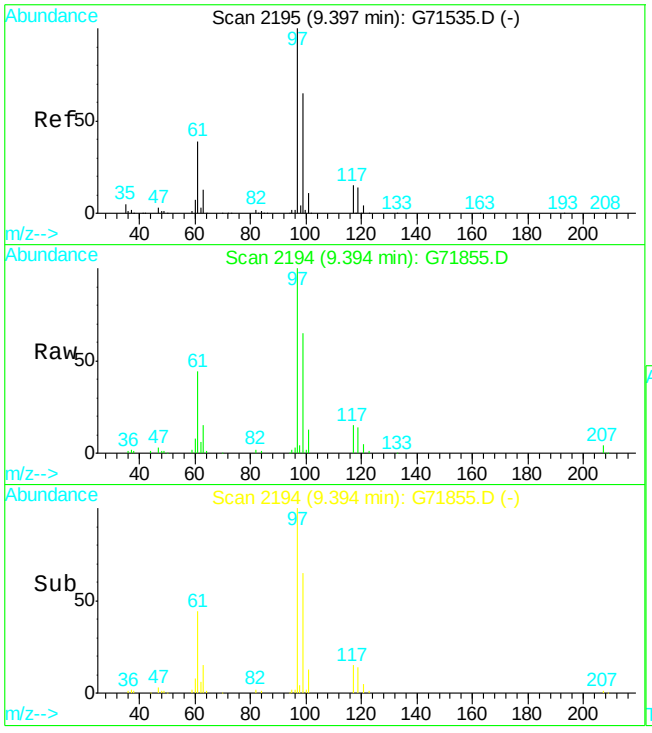


#32
1,1-dichloroethane
Concen: 0.42 ppb
RT: 7.86 min Scan# 1643
Delta R.T. -0.00 min
Lab File: G71855.D
Acq: 23 Jul 2007 5:51 pm

Tgt Ion: 63 Resp: 1476

Ion	Ratio	Lower	Upper
63	100		
65	33.6	2.2	62.2
83	0.0	0.0	42.8

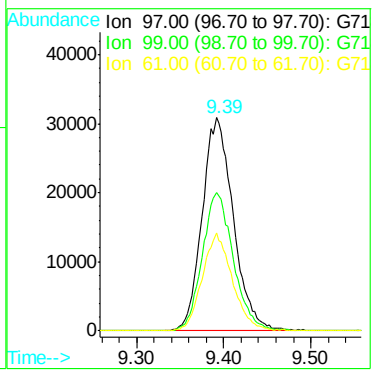


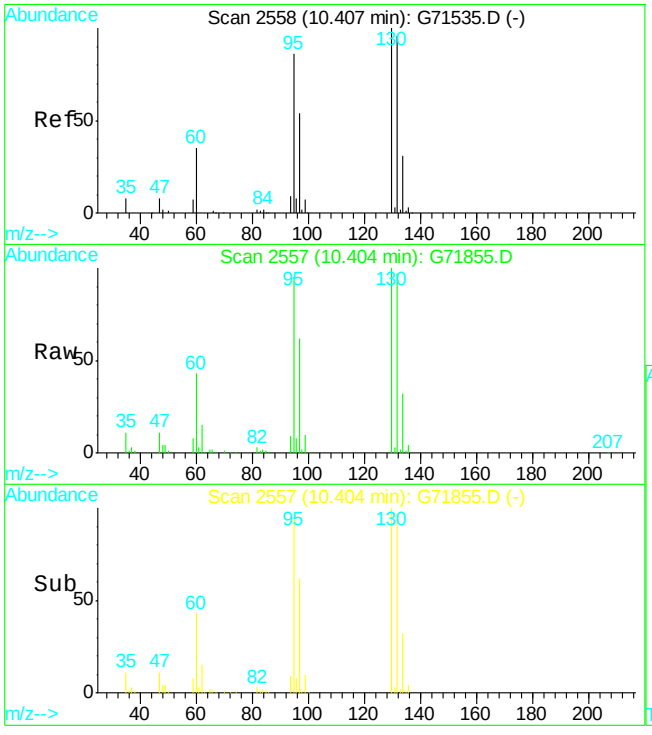


#42
1,1,1-trichloroethane
Concen: 26.25 ppb
RT: 9.39 min Scan# 2194
Delta R.T. -0.00 min
Lab File: G71855.D
Acq: 23 Jul 2007 5:51 pm

Tgt Ion: 97 Resp: 76787

Ion	Ratio	Lower	Upper
97	100		
99	65.3	35.1	95.1
61	43.6	9.3	69.3

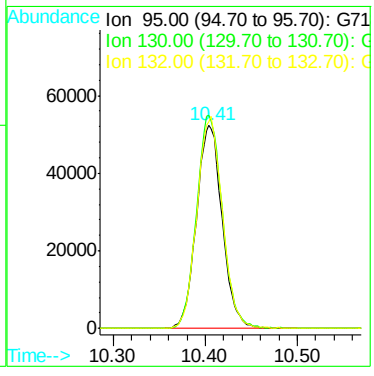


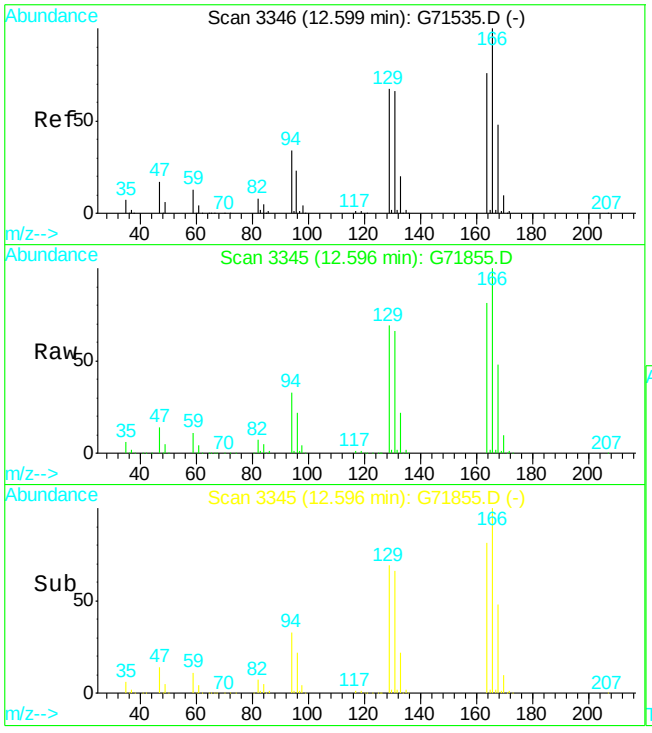


#51
trichloroethene
Concen: 46.10 ppb
RT: 10.41 min Scan# 2557
Delta R.T. -0.00 min
Lab File: G71855.D
Acq: 23 Jul 2007 5:51 pm

Tgt Ion: 95 Resp: 101282

Ion	Ratio	Lower	Upper
95	100		
130	104.7	80.2	140.2
132	101.5	76.3	136.3

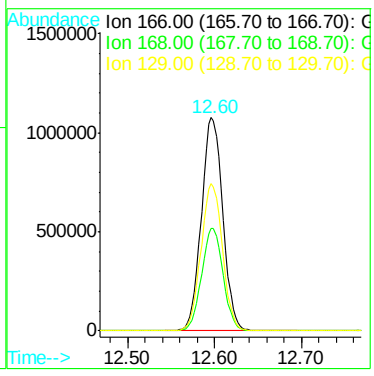




#67
tetrachloroethene
Concen: 834.98 ppb
RT: 12.60 min Scan# 3345
Delta R.T. -0.00 min
Lab File: G71855.D
Acq: 23 Jul 2007 5:51 pm

Tgt Ion:166 Resp: 1834558

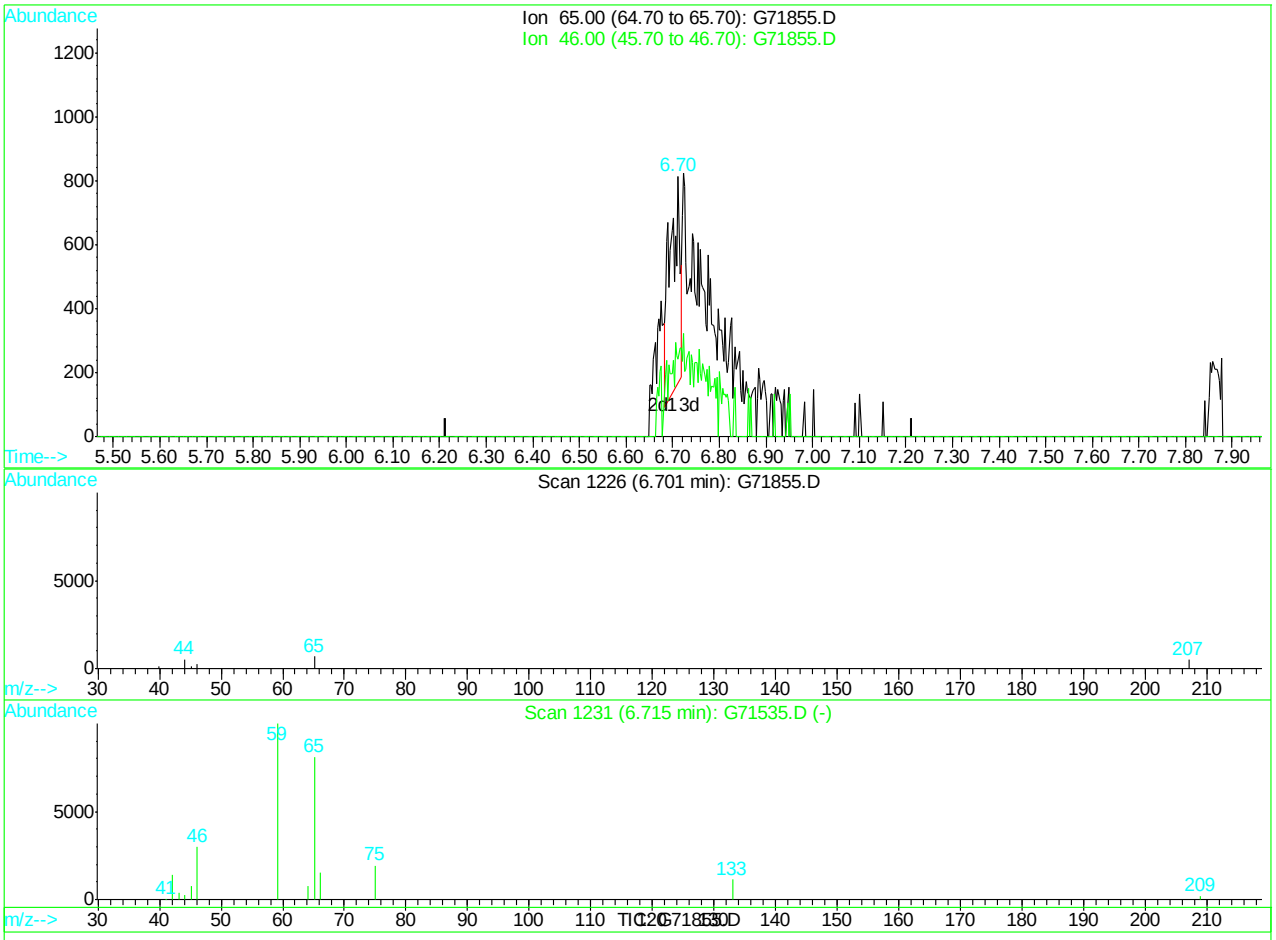
Ion	Ratio	Lower	Upper
166	100		
168	48.1	18.1	78.1
129	69.3	36.7	96.7



Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71855.D Vial: 5
Acq On : 23 Jul 2007 5:51 pm Operator: kimt
Sample : m66438-1 Inst : 5973 G
Misc : ms13993,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 7:59 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration



(1) tert butyl alcohol-d9 (I)

6.70min 50.00ppb

response 963

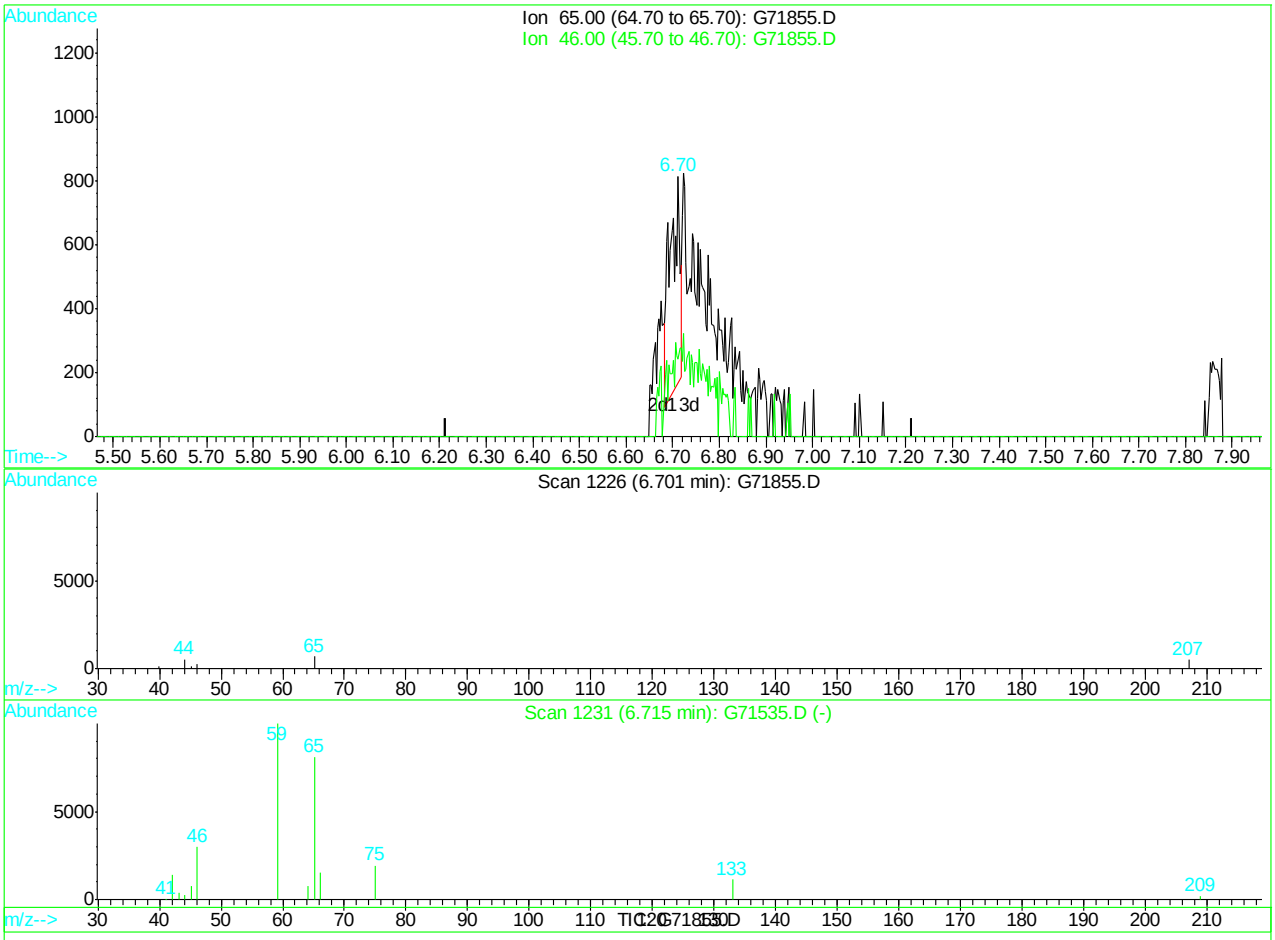
Ion	Exp%	Act%
65.00	100	100
46.00	36.90	32.63
0.00	0.00	0.00
0.00	0.00	0.00

G71855.D G071007W.M Tue Jul 24 08:53:25 2007 RP1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71855.D Vial: 5
Acq On : 23 Jul 2007 5:51 pm Operator: kimt
Sample : m66438-1 Inst : 5973 G
Misc : ms13993,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 7:59 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration



(1) tert butyl alcohol-d9 (I)

6.70min 50.00ppb

response 963

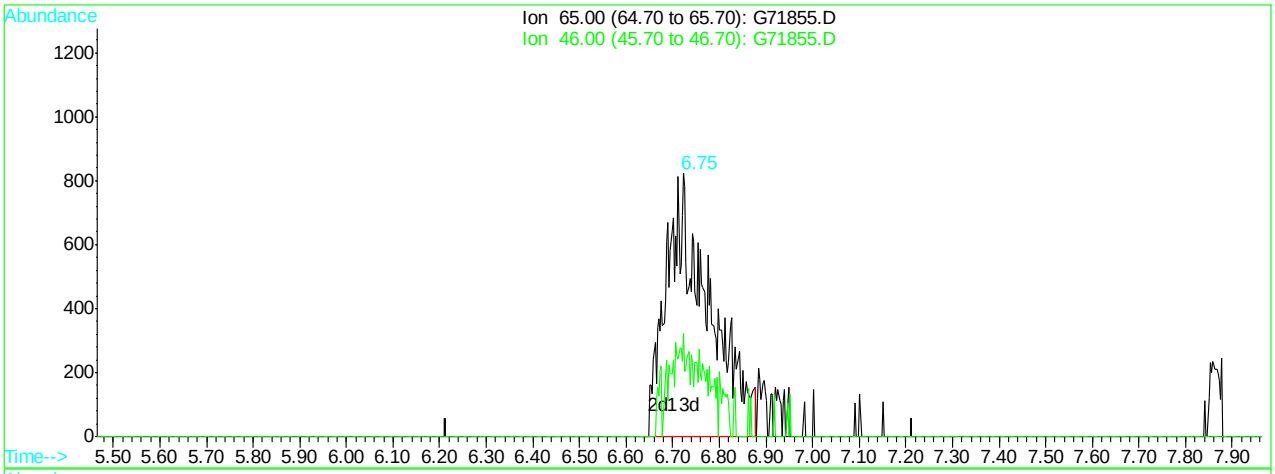
Ion	Exp%	Act%
65.00	100	100
46.00	36.90	32.63
0.00	0.00	0.00
0.00	0.00	0.00

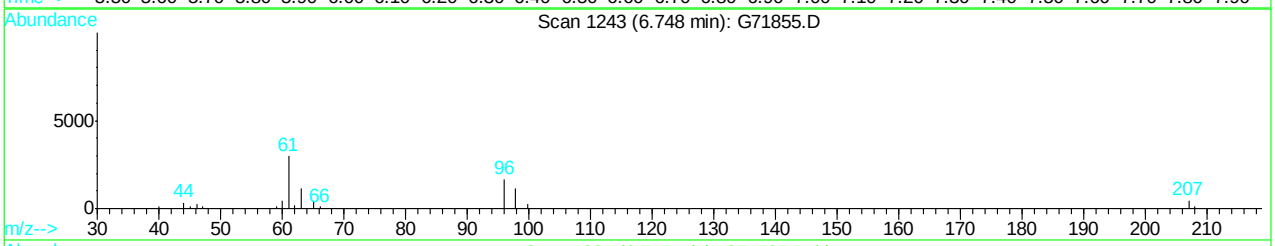
G71855.D G071007W.M Tue Jul 24 08:53:52 2007 RP1

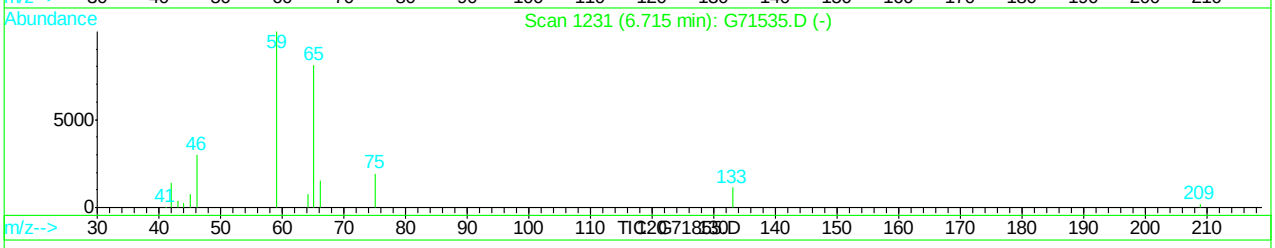
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71855.D Vial: 5
Acq On : 23 Jul 2007 5:51 pm Operator: kimt
Sample : m66438-1 Inst : 5973 G
Misc : ms13993,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 8:54 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration







(1) tert butyl alcohol-d9 (I)

6.75min 50.00ppb m

response 5140

Ion	Exp%	Act%
65.00	100	100
46.00	36.90	51.21
0.00	0.00	0.00
0.00	0.00	0.00

G71855.D G071007W.M Tue Jul 24 08:54:05 2007 RP1

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani 07/25/07 15:58

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71899.D Vial: 11
Acq On : 24 Jul 2007 1:07 pm Operator: kimt
Sample : m66438-1 Inst : 5973 G
Misc : ms13993,msg2886,,,,5,10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 16:58 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration
DataAcq Meth : G8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.72	65	4854m	50.00	ppb	0.00
3) pentafluorobenzene	9.11	168	194207	50.00	ppb	0.00
43) 1,4-difluorobenzene	9.98	114	289642	50.00	ppb	0.00
66) chlorobenzene-d5	13.24	82	144778	50.00	ppb	0.00
80) 1,4-dichlorobenzene-d4	15.80	152	150493	50.00	ppb	0.00

System Monitoring Compounds

40) dibromofluoromethane (s)	8.76	113	90135	50.02	ppb	0.00
Spiked Amount 50.000	Range 83 - 127		Recovery = 100.04%			
60) toluene-d8 (s)	11.78	98	345936	47.98	ppb	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 95.96%			
82) bromofluorobenzene (s)	14.47	95	128822	48.05	ppb	0.00
Spiked Amount 50.000	Range 81 - 119		Recovery = 96.10%			

Target Compounds

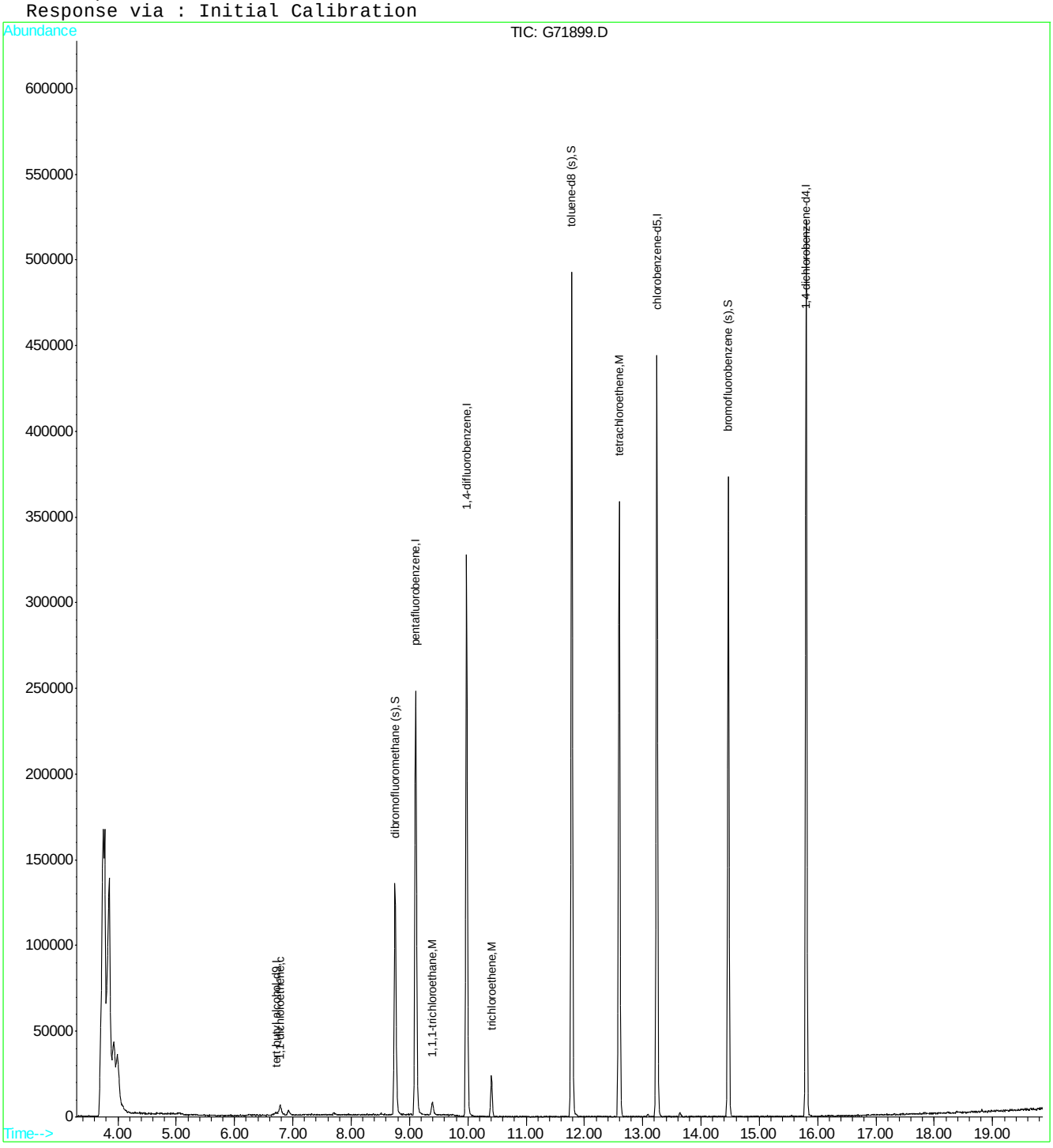
						Qvalue
15) 1,1-dichloroethene	6.79	96	3687	1.85	ppb	91
42) 1,1,1-trichloroethane	9.39	97	6234	2.02	ppb	93
51) trichloroethene	10.41	95	8034	3.49	ppb	90
67) tetrachloroethene	12.60	166	116914	52.45	ppb	99

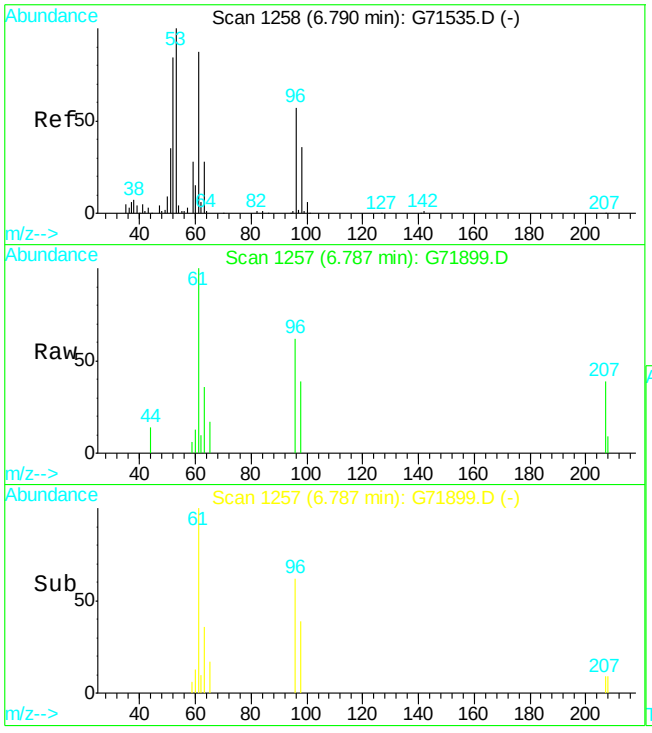
(#) = qualifier out of range (m) = manual integration
G71899.D G071007W.M Tue Jul 24 16:58:47 2007 RP1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\G71899.D Vial: 11
Acq On : 24 Jul 2007 1:07 pm Operator: kimt
Sample : m66438-1 Inst : 5973 G
Misc : ms13993,msg2886,,,,5,10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 16:58 2007 Quant Results File: G071007W.RES

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration

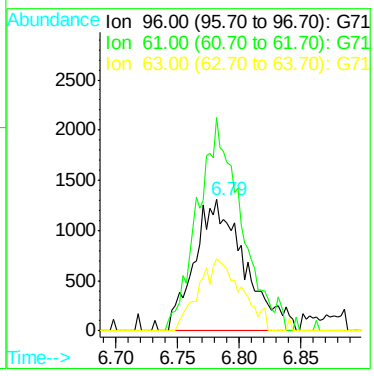


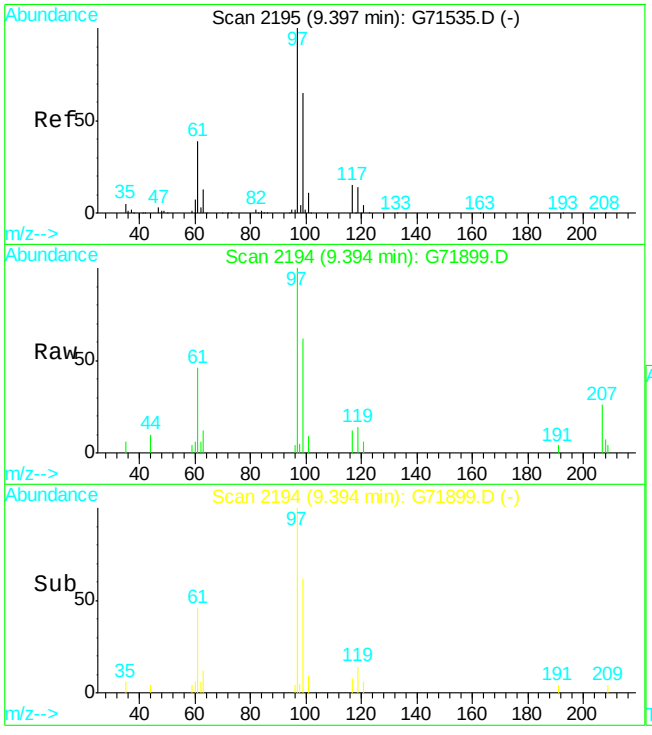


#15
1,1-dichloroethene
Concen: 1.85 ppb
RT: 6.79 min Scan# 1257
Delta R.T. -0.00 min
Lab File: G71899.D
Acq: 24 Jul 2007 1:07 pm

Tgt Ion: 96 Resp: 3687

Ion	Ratio	Lower	Upper
96	100		
61	161.3	121.4	181.4
63	58.3	18.9	78.9

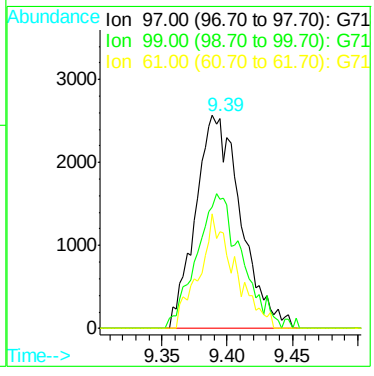


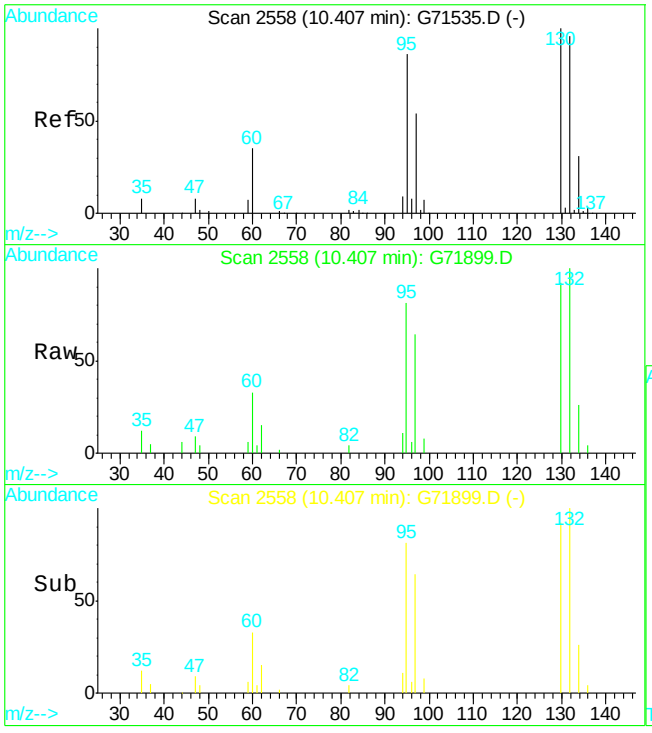


#42
1,1,1-trichloroethane
Concen: 2.02 ppb
RT: 9.39 min Scan# 2194
Delta R.T. -0.00 min
Lab File: G71899.D
Acq: 24 Jul 2007 1:07 pm

Tgt Ion: 97 Resp: 6234

Ion	Ratio	Lower	Upper
97	100		
99	61.7	35.1	95.1
61	46.2	9.3	69.3

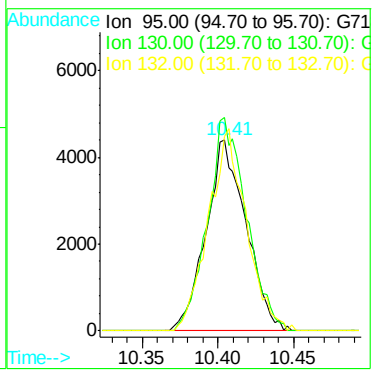


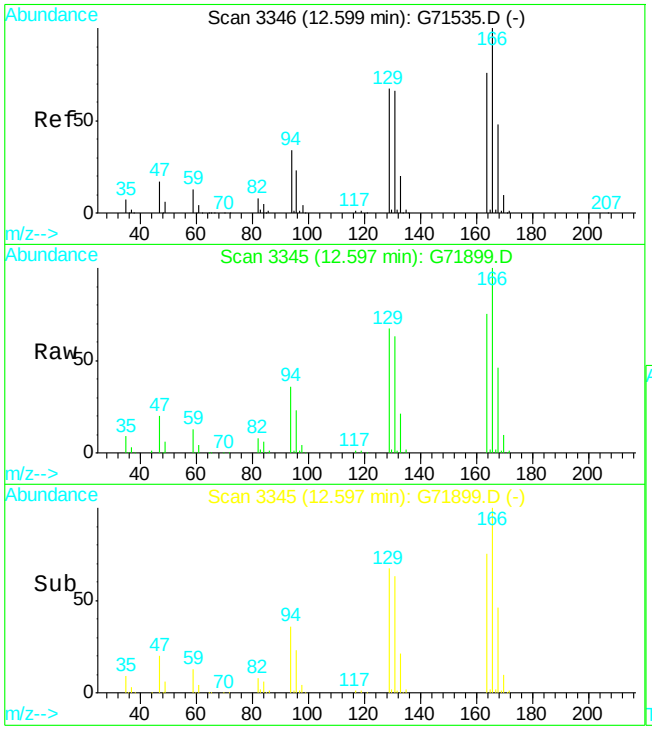


#51
trichloroethene
Concen: 3.49 ppb
RT: 10.41 min Scan# 2558
Delta R.T. -0.00 min
Lab File: G71899.D
Acq: 24 Jul 2007 1:07 pm

Tgt Ion: 95 Resp: 8034

Ion	Ratio	Lower	Upper
95	100		
130	114.1	80.2	140.2
132	124.2	76.3	136.3

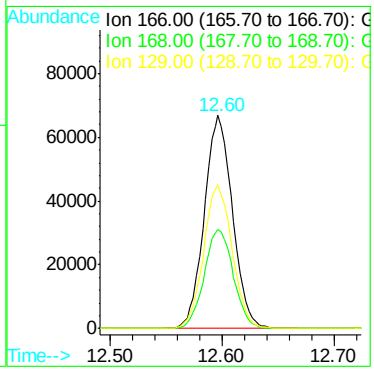




#67
tetrachloroethene
Concen: 52.45 ppb
RT: 12.60 min Scan# 3345
Delta R.T. -0.00 min
Lab File: G71899.D
Acq: 24 Jul 2007 1:07 pm

Tgt Ion:166 Resp: 116914

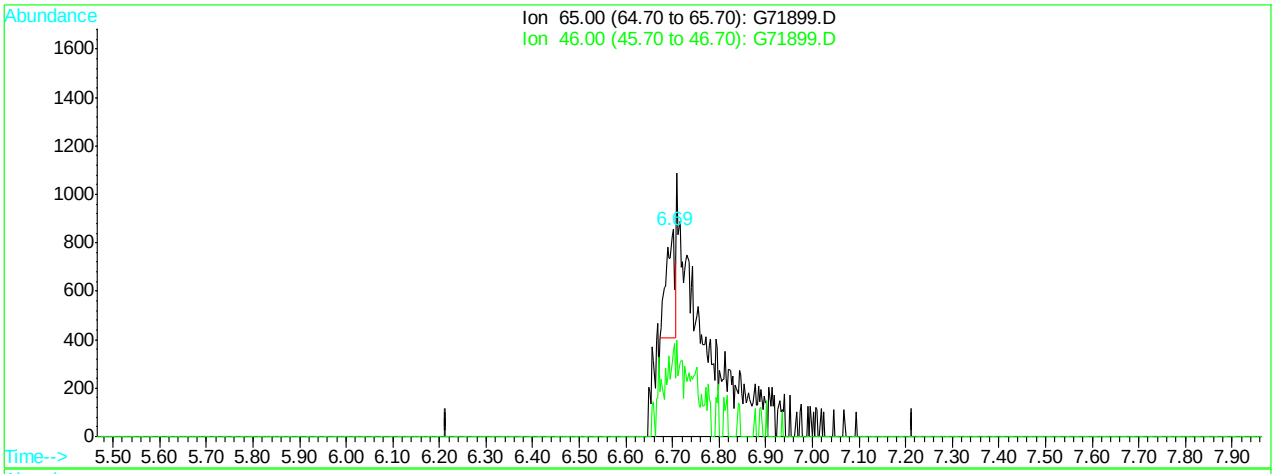
Ion	Ratio	Lower	Upper
166	100		
168	46.5	18.1	78.1
129	67.3	36.7	96.7

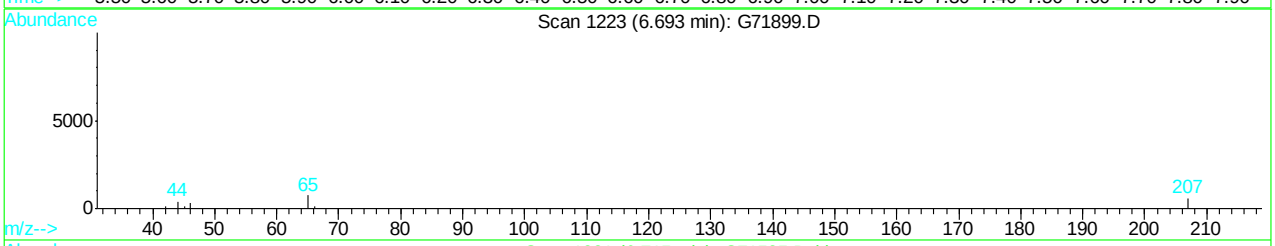


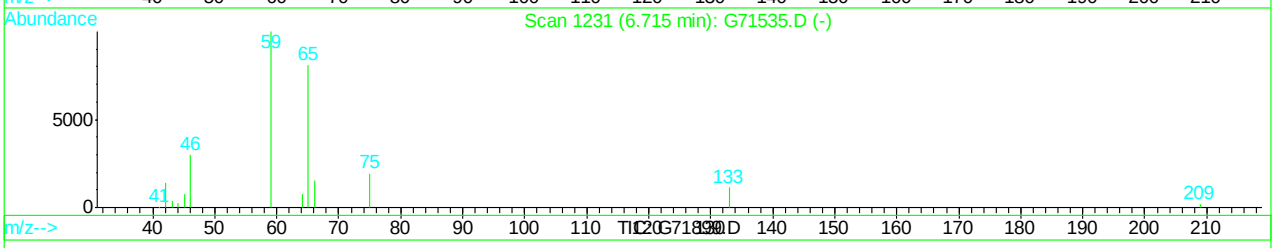
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71899.D Vial: 11
Acq On : 24 Jul 2007 1:07 pm Operator: kimt
Sample : m66438-1 Inst : 5973 G
Misc : ms13993,msg2886,,,,5,10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 14:05 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration







(1) tert butyl alcohol-d9 (I)

6.69min 50.00ppb

response 558

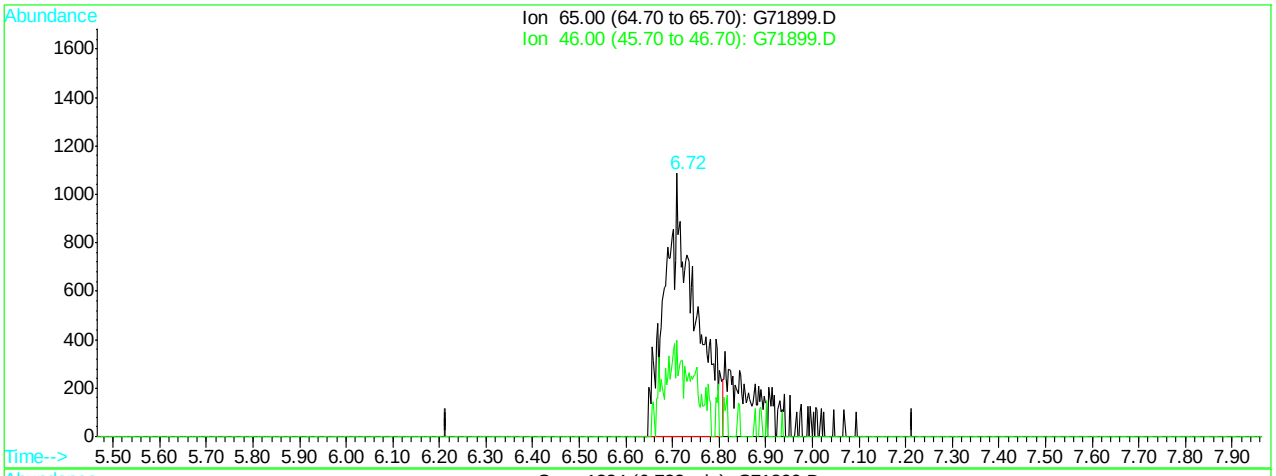
Ion	Exp%	Act%
65.00	100	100
46.00	36.90	44.68
0.00	0.00	0.00
0.00	0.00	0.00

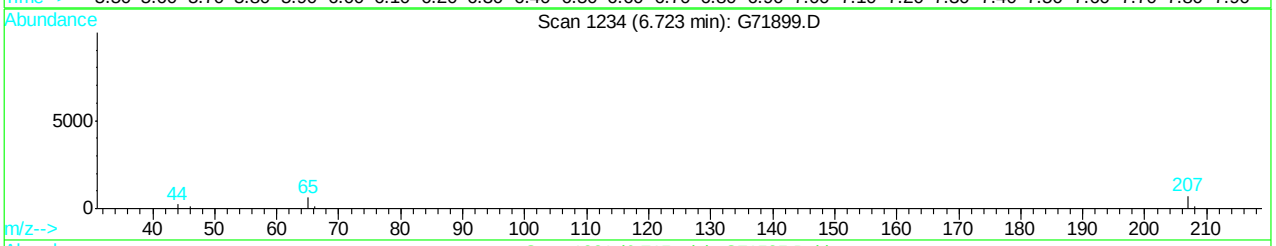
G71899.D G071007W.M Tue Jul 24 16:57:43 2007 RP1

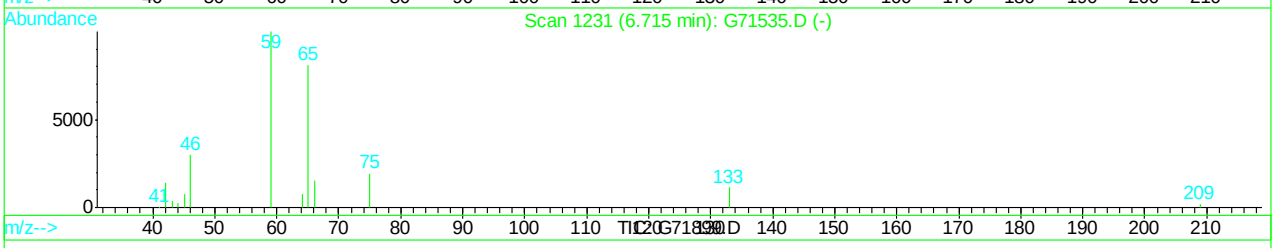
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71899.D Vial: 11
Acq On : 24 Jul 2007 1:07 pm Operator: kimt
Sample : m66438-1 Inst : 5973 G
Misc : ms13993,msg2886,,,,5,10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 16:57 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration







(1) tert butyl alcohol-d9 (I)

6.72min 50.00ppb m

response 4854

Ion	Exp%	Act%
65.00	100	100
46.00	36.90	24.96
0.00	0.00	0.00
0.00	0.00	0.00

G71899.D G071007W.M Tue Jul 24 16:57:49 2007 RP1

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau 07/24/07 14:00

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71856.D Vial: 6
Acq On : 23 Jul 2007 6:17 pm Operator: kimt
Sample : m66438-2 Inst : 5973 G
Misc : ms13993,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 8:57 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration
DataAcq Meth : G8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.75	65	5101m	50.00	ppb	0.03
3) pentafluorobenzene	9.11	168	177559	50.00	ppb	0.00
43) 1,4-difluorobenzene	9.98	114	268987	50.00	ppb	0.00
66) chlorobenzene-d5	13.24	82	139576	50.00	ppb	0.00
80) 1,4-dichlorobenzene-d4	15.80	152	138121	50.00	ppb	0.00

System Monitoring Compounds

40) dibromofluoromethane (s)	8.76	113	84887	51.53	ppb	0.00
Spiked Amount 50.000	Range 83 - 127		Recovery = 103.06%			
60) toluene-d8 (s)	11.78	98	328047	48.99	ppb	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 97.98%			
82) bromofluorobenzene (s)	14.47	95	122915	49.96	ppb	0.00
Spiked Amount 50.000	Range 81 - 119		Recovery = 99.92%			

Target Compounds Qvalue

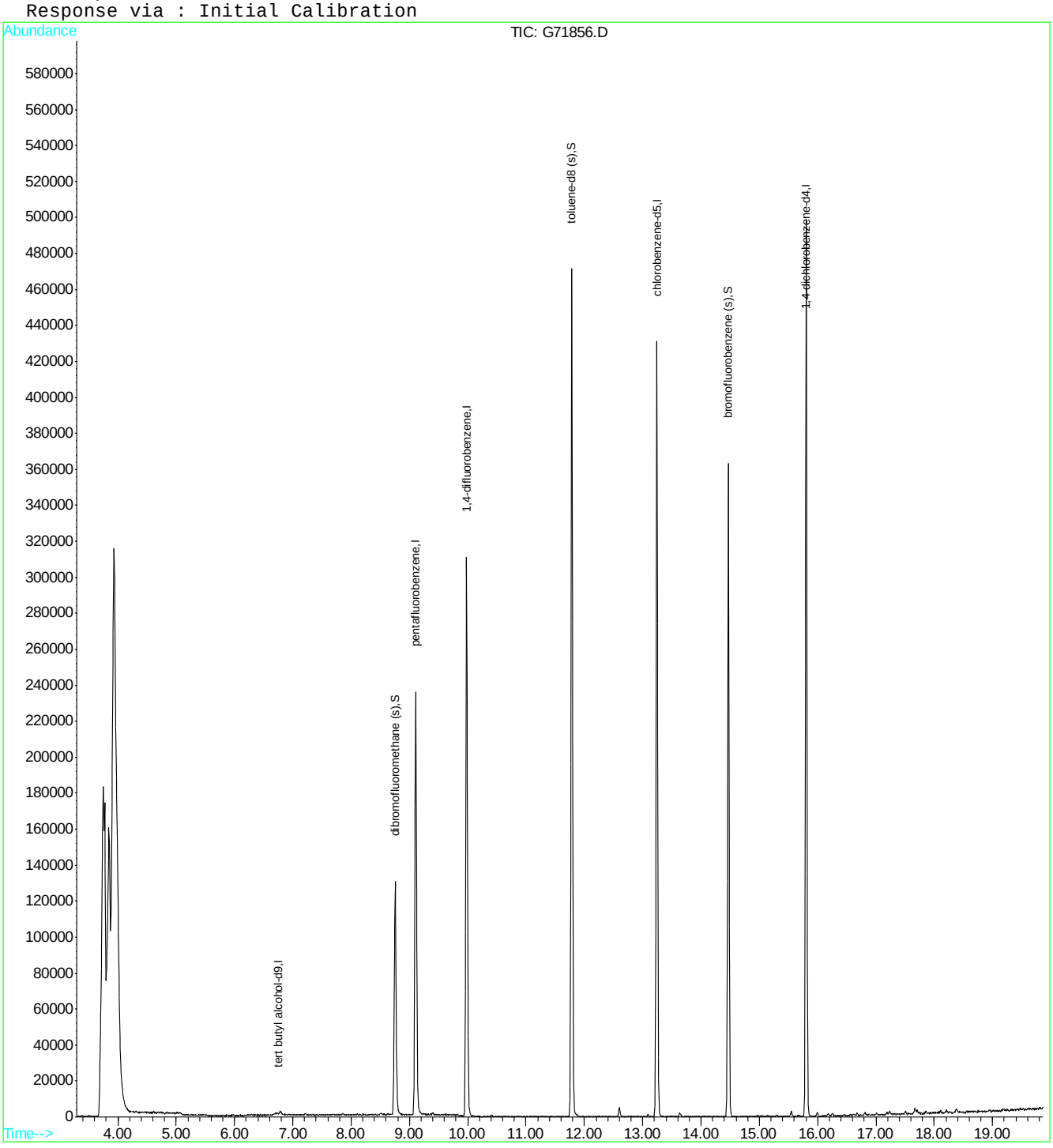
(#) = qualifier out of range (m) = manual integration
G71856.D G071007W.M Tue Jul 24 08:57:47 2007 RP1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\G71856.D
Acq On : 23 Jul 2007 6:17 pm
Sample : m66438-2
Misc : ms13993,msg2884,,,,5,1
MS Integration Params: RTEINT.P
Quant Time: Jul 24 8:57 2007

Vial: 6
Operator: kimt
Inst : 5973 G
Multiplr: 1.00
Quant Results File: G071007W.RES

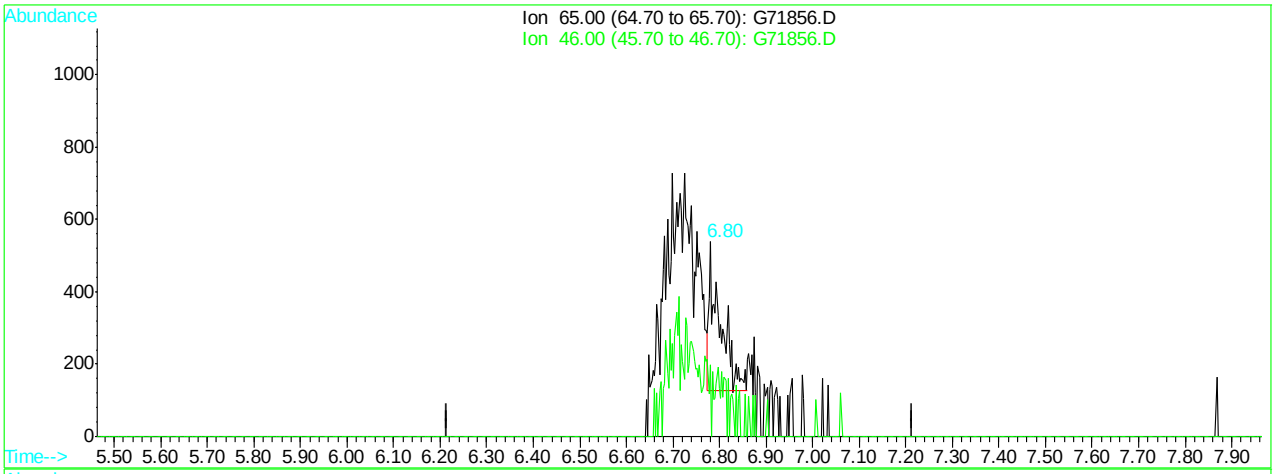
Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration

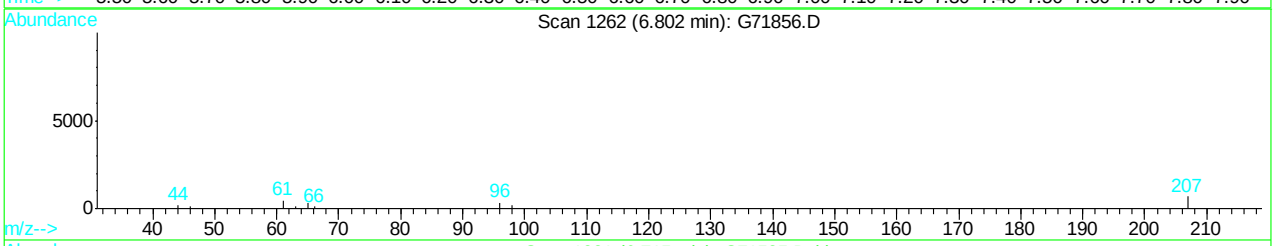


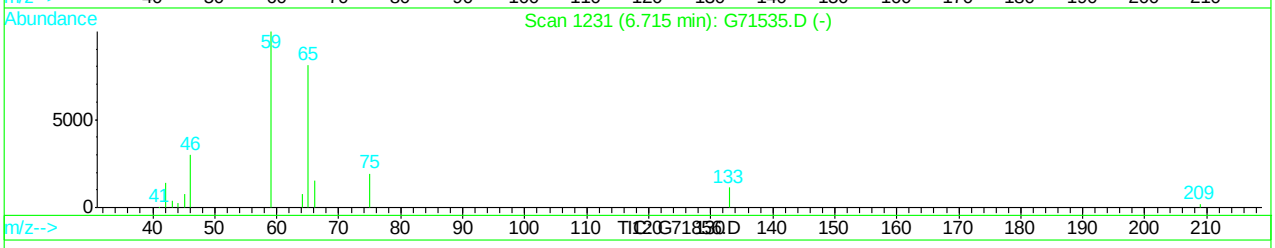
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71856.D Vial: 6
Acq On : 23 Jul 2007 6:17 pm Operator: kimt
Sample : m66438-2 Inst : 5973 G
Misc : ms13993,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 7:59 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration







(1) tert butyl alcohol-d9 (I)

6.80min 50.00ppb

response 677

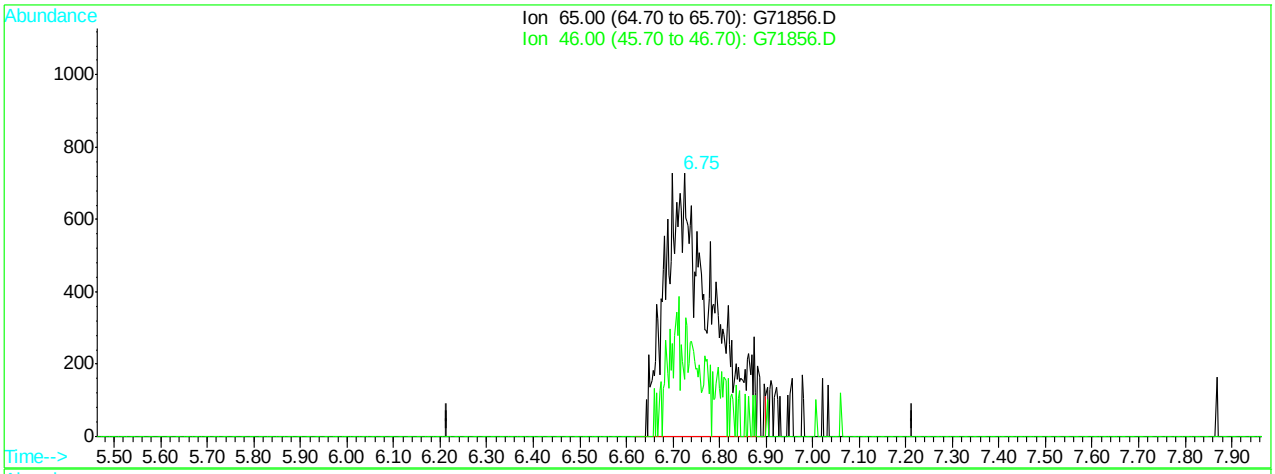
Ion	Exp%	Act%
65.00	100	100
46.00	36.90	56.83
0.00	0.00	0.00
0.00	0.00	0.00

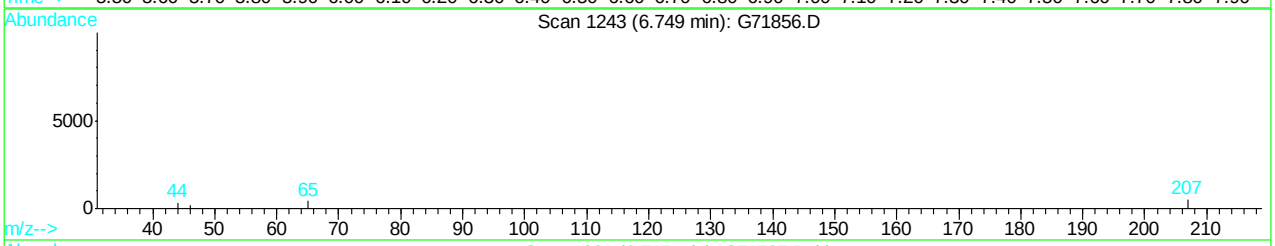
G71856.D G071007W.M Tue Jul 24 08:55:47 2007 RP1

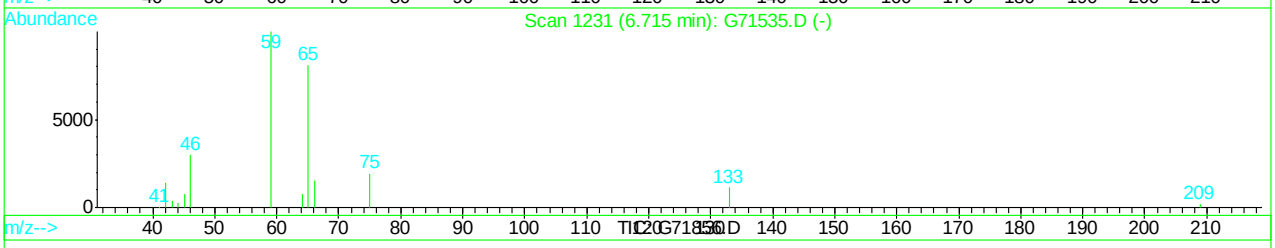
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71856.D Vial: 6
Acq On : 23 Jul 2007 6:17 pm Operator: kimt
Sample : m66438-2 Inst : 5973 G
Misc : ms13993,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 8:55 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration







(1) tert butyl alcohol-d9 (I)

6.75min 50.00ppb m

response 5101

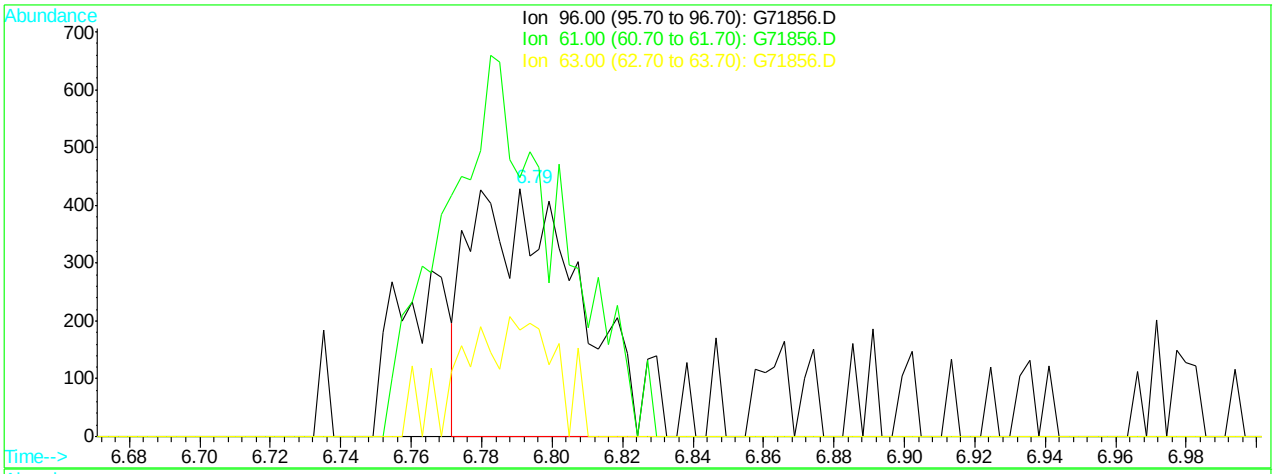
Ion	Exp%	Act%
65.00	100	100
46.00	36.90	42.31
0.00	0.00	0.00
0.00	0.00	0.00

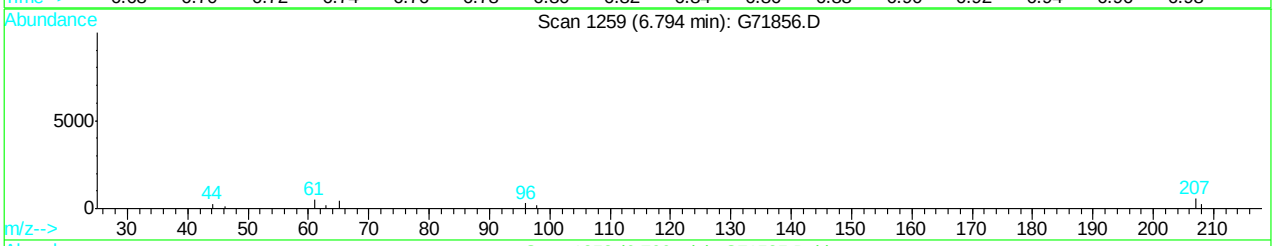
G71856.D G071007W.M Tue Jul 24 08:56:00 2007 RP1

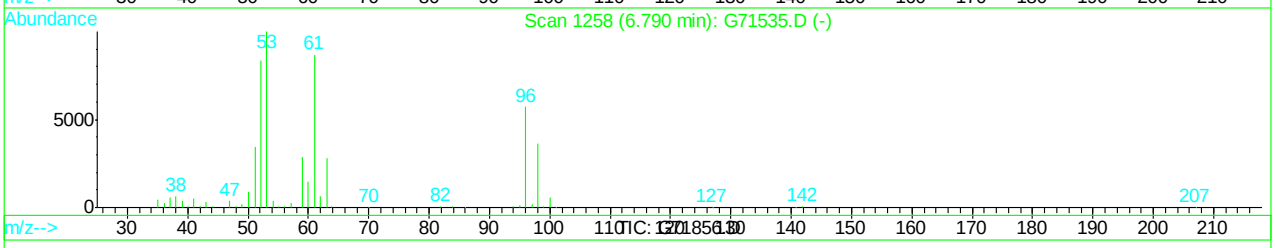
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71856.D Vial: 6
Acq On : 23 Jul 2007 6:17 pm Operator: kimt
Sample : m66438-2 Inst : 5973 G
Misc : ms13993,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 8:55 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration







(15) 1,1-dichloroethene (c)

6.79min 0.40ppb

response 890

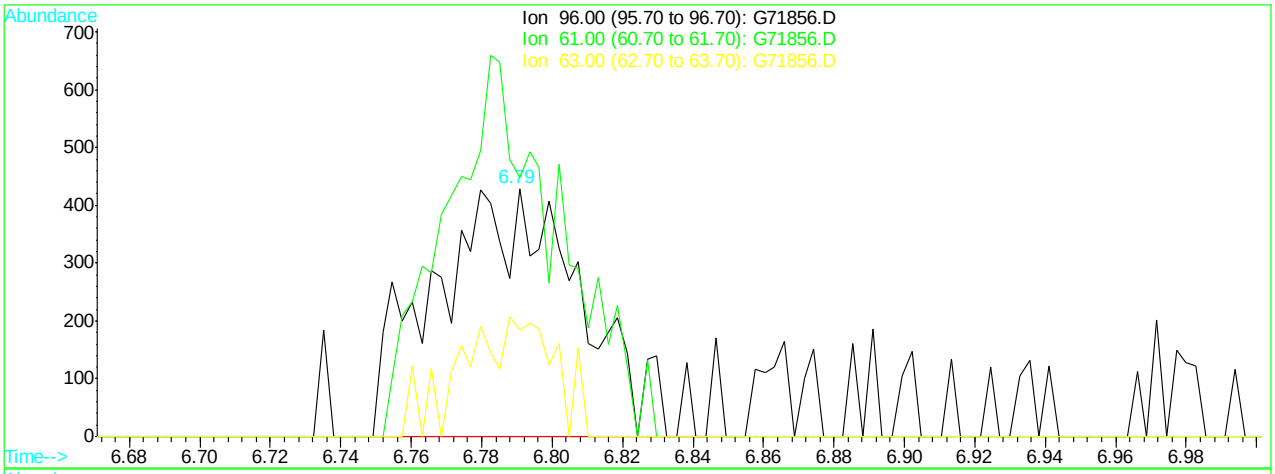
Ion	Exp%	Act%
96.00	100	100
61.00	151.40	157.69
63.00	48.90	62.82
0.00	0.00	0.00

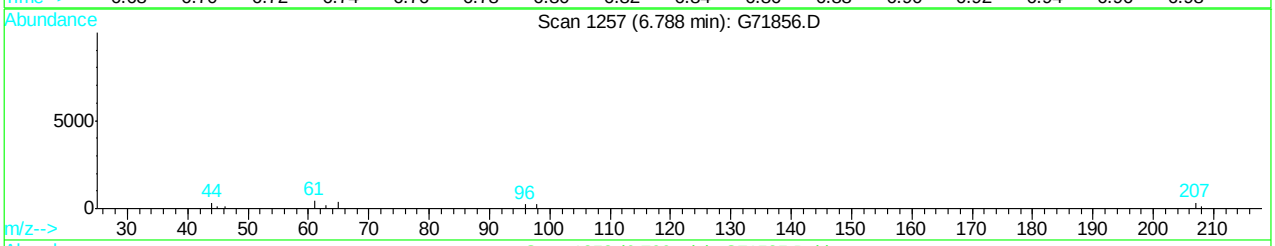
G71856.D G071007W.M Tue Jul 24 08:56:24 2007 RP1

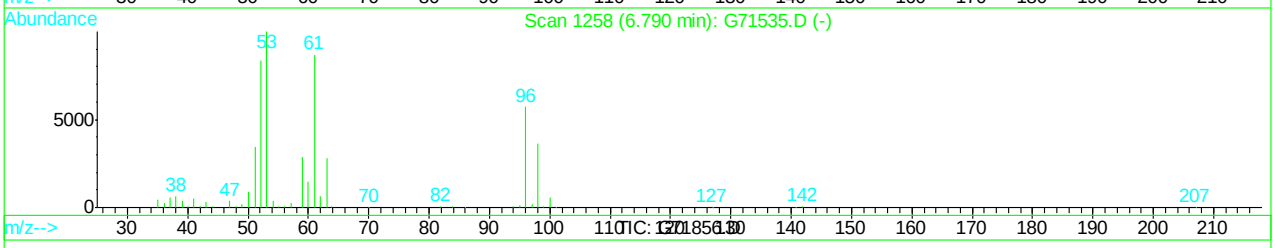
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71856.D Vial: 6
Acq On : 23 Jul 2007 6:17 pm Operator: kimt
Sample : m66438-2 Inst : 5973 G
Misc : ms13993,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 8:55 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration







(15) 1,1-dichloroethene (c)

6.79min 0.40ppb

response 890

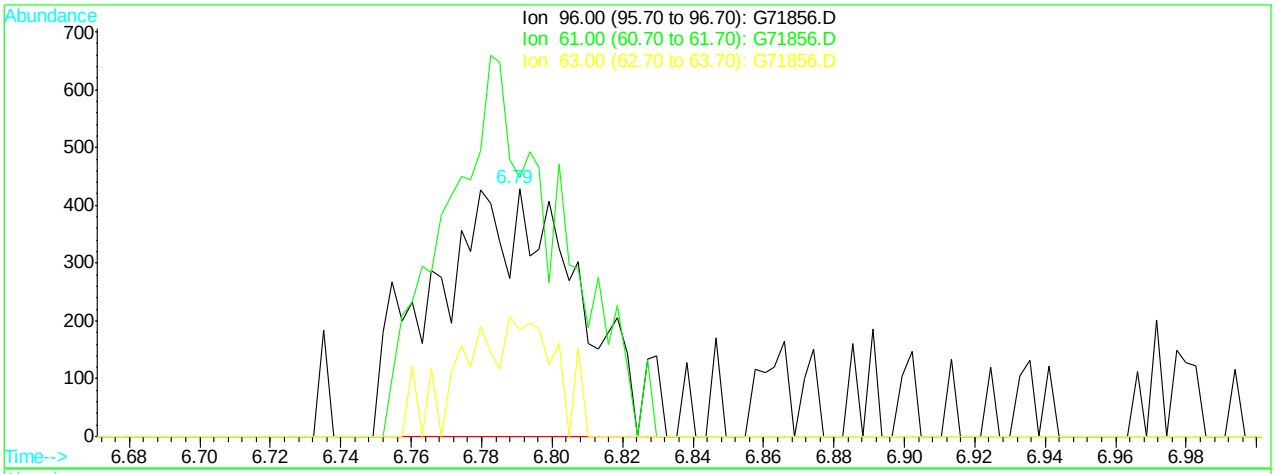
Ion	Exp%	Act%
96.00	100	100
61.00	151.40	157.69
63.00	48.90	62.82
0.00	0.00	0.00

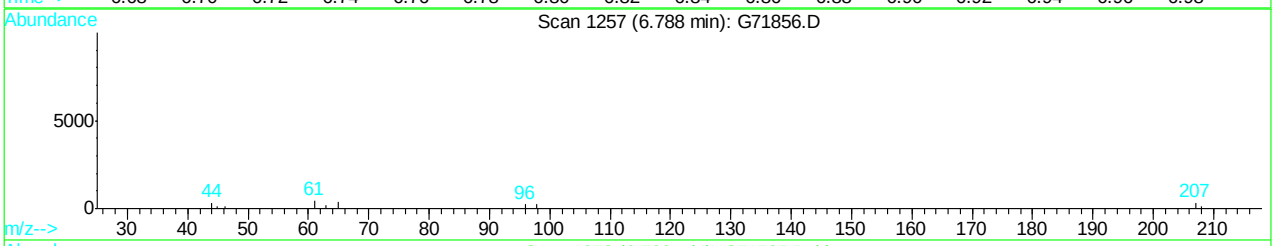
G71856.D G071007W.M Tue Jul 24 08:56:34 2007 RP1

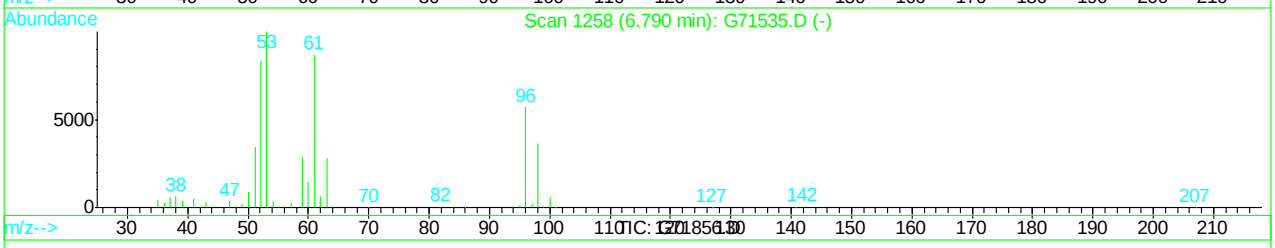
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71856.D Vial: 6
Acq On : 23 Jul 2007 6:17 pm Operator: kimt
Sample : m66438-2 Inst : 5973 G
Misc : ms13993,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 8:56 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration







(15) 1,1-dichloroethene (c)

6.79min 0.60ppb m

response 1236

Ion	Exp%	Act%
96.00	100	100
61.00	151.40	174.82
63.00	48.90	75.55
0.00	0.00	0.00

G71856.D G071007W.M Tue Jul 24 08:56:40 2007 RP1

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71857.D Vial: 7
Acq On : 23 Jul 2007 6:44 pm Operator: kimt
Sample : m66438-3 Inst : 5973 G
Misc : ms13993,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 8:59 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration
DataAcq Meth : G8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.72	65	4890	50.00	ppb	0.00
3) pentafluorobenzene	9.11	168	182697	50.00	ppb	0.00
43) 1,4-difluorobenzene	9.98	114	274756	50.00	ppb	0.00
66) chlorobenzene-d5	13.24	82	140894	50.00	ppb	0.00
80) 1,4-dichlorobenzene-d4	15.80	152	138460	50.00	ppb	0.00

System Monitoring Compounds

40) dibromofluoromethane (s)	8.75	113	88292	52.09	ppb	0.00
Spiked Amount 50.000	Range 83 - 127		Recovery = 104.18%			
60) toluene-d8 (s)	11.78	98	326868	47.79	ppb	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 95.58%			
82) bromofluorobenzene (s)	14.47	95	121456	49.24	ppb	0.00
Spiked Amount 50.000	Range 81 - 119		Recovery = 98.48%			

Target Compounds

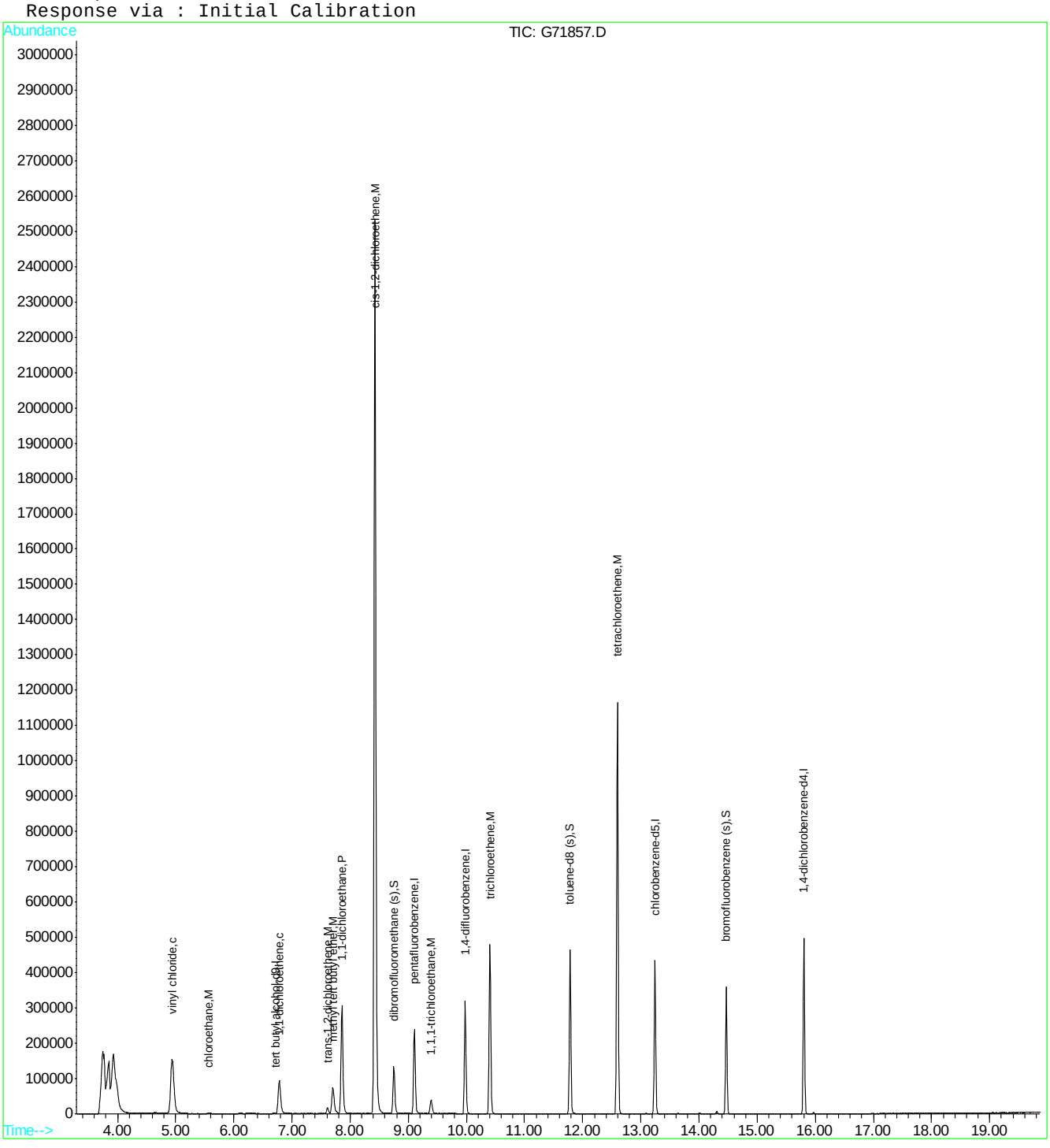
						Qvalue
7) vinyl chloride	4.95	62	360166	184.52	ppb	99
9) chloroethane	5.57	64	3243	2.39	ppb	94
15) 1,1-dichloroethene	6.79	96	59572	33.75	ppb	85
19) methyl tert butyl ether	7.71	73	101743	16.99	ppb	94
22) trans-1,2-dichloroethene	7.61	96	8300	4.32	ppb	86
32) 1,1-dichloroethane	7.86	63	343058	97.28	ppb	100
36) cis-1,2-dichloroethene	8.43	96	1259829	554.37	ppb	98
42) 1,1,1-trichloroethane	9.39	97	30823	10.62	ppb	95
51) trichloroethene	10.40	95	158830	72.71	ppb	98
67) tetrachloroethene	12.60	166	362692	167.18	ppb	98

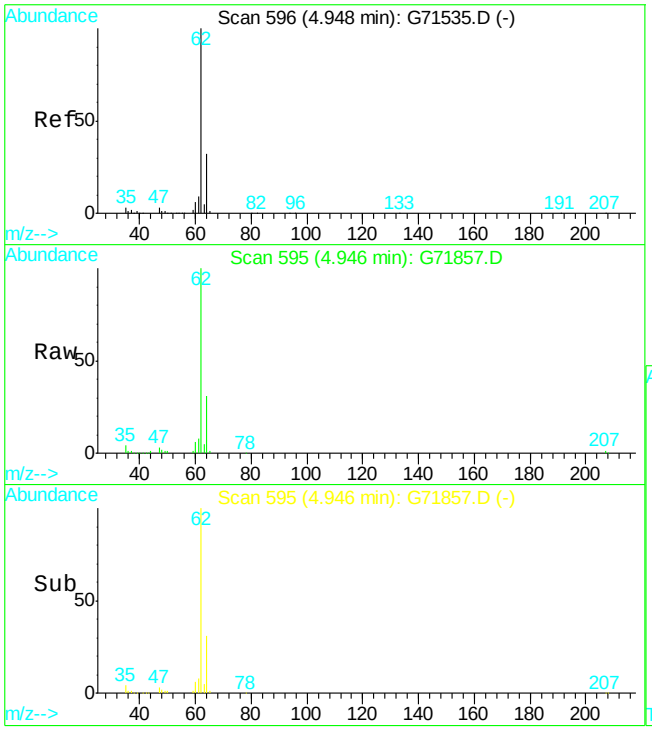
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\G71857.D Vial: 7
Acq On : 23 Jul 2007 6:44 pm Operator: kimt
Sample : m66438-3 Inst : 5973 G
Misc : ms13993,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 8:59 2007 Quant Results File: G071007W.RES

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration

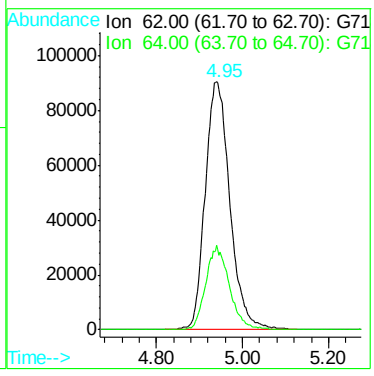


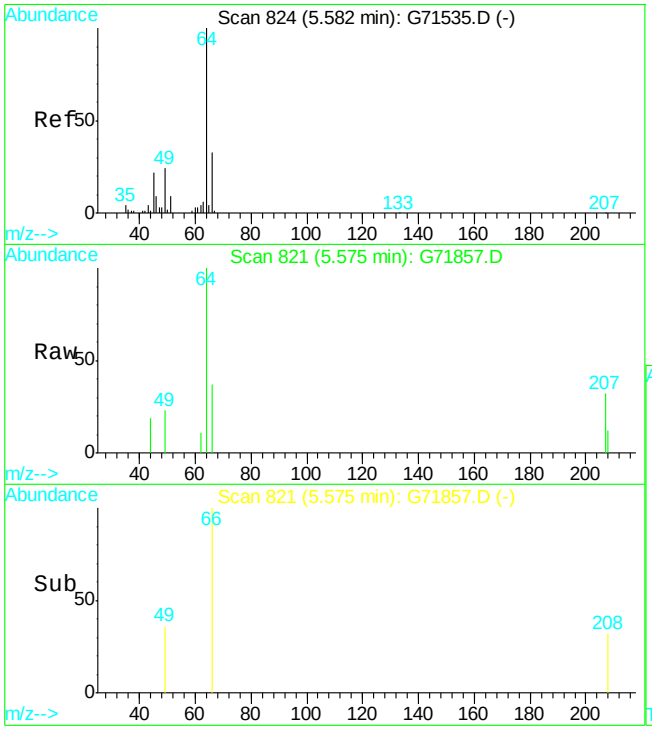


#7
vinyl chloride
Concen: 184.52 ppb
RT: 4.95 min Scan# 595
Delta R.T. -0.00 min
Lab File: G71857.D
Acq: 23 Jul 2007 6:44 pm

Tgt Ion: 62 Resp: 360166

Ion	Ratio	Lower	Upper
62	100		
64	31.3	2.0	62.0

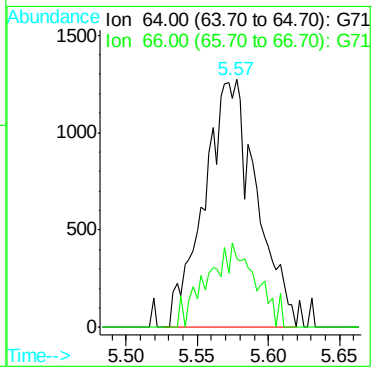


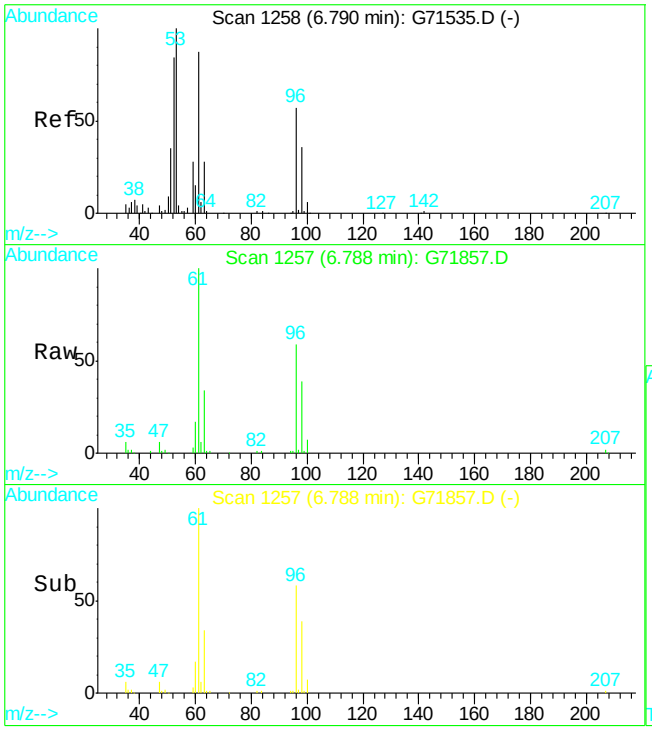


#9
chloroethane
Concen: 2.39 ppb
RT: 5.57 min Scan# 821
Delta R.T. -0.01 min
Lab File: G71857.D
Acq: 23 Jul 2007 6:44 pm

Tgt Ion: 64 Resp: 3243

Ion	Ratio	Lower	Upper
64	100		
66	36.7	3.3	63.3

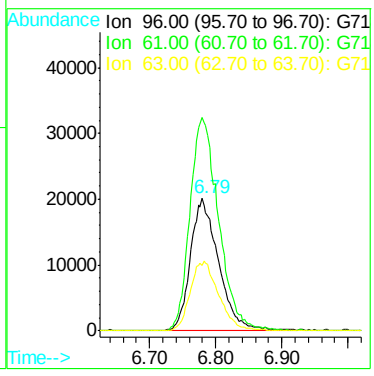


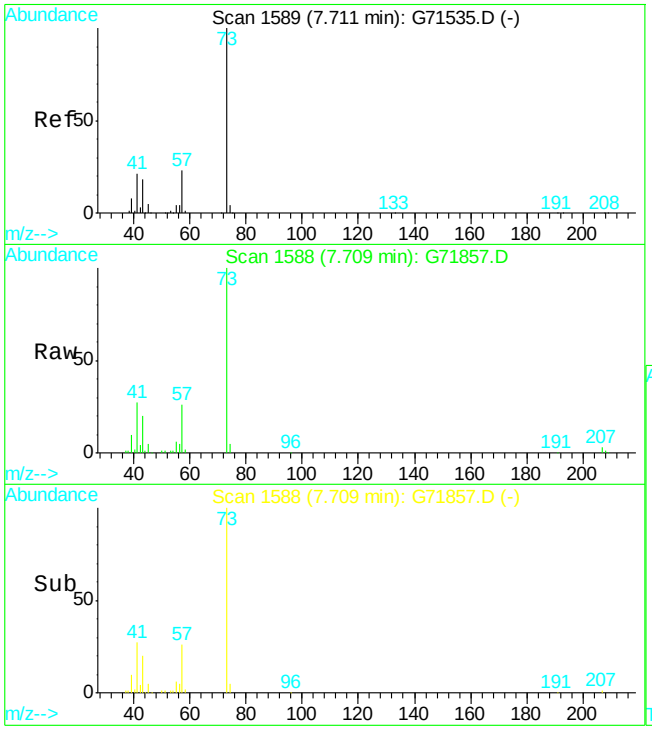


#15
1,1-dichloroethene
Concen: 33.75 ppb
RT: 6.79 min Scan# 1257
Delta R.T. -0.00 min
Lab File: G71857.D
Acq: 23 Jul 2007 6:44 pm

Tgt Ion: 96 Resp: 59572

Ion	Ratio	Lower	Upper
96	100		
61	170.7	121.4	181.4
63	57.6	18.9	78.9

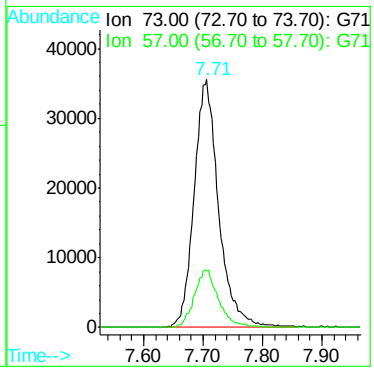


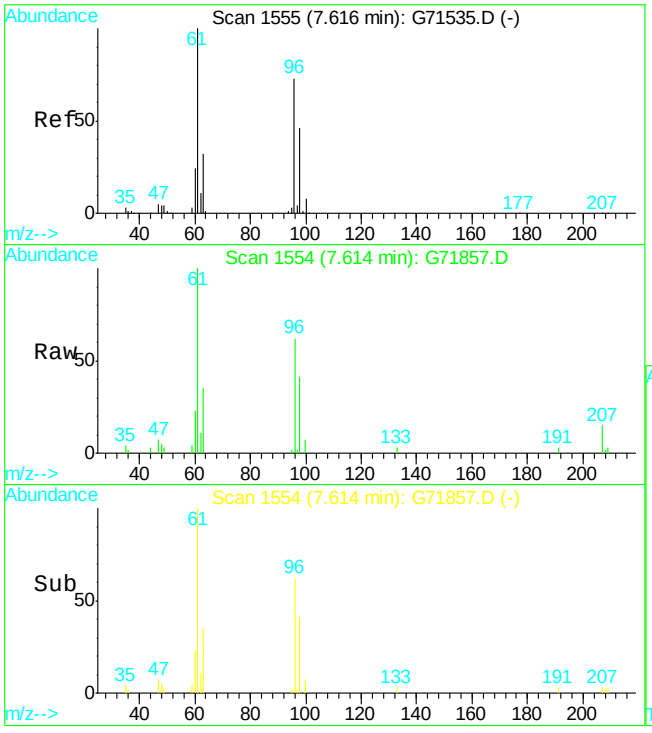


#19
methyl tert butyl ether
Concen: 16.99 ppb
RT: 7.71 min Scan# 1588
Delta R.T. -0.00 min
Lab File: G71857.D
Acq: 23 Jul 2007 6:44 pm

Tgt Ion: 73 Resp: 101743

Ion	Ratio	Lower	Upper
73	100		
57	25.5	0.0	52.8

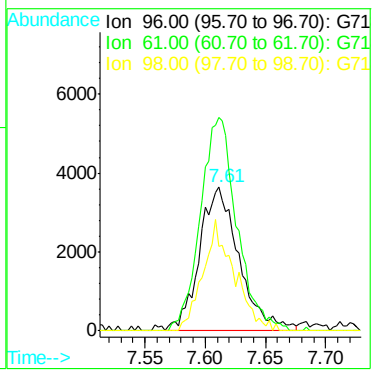


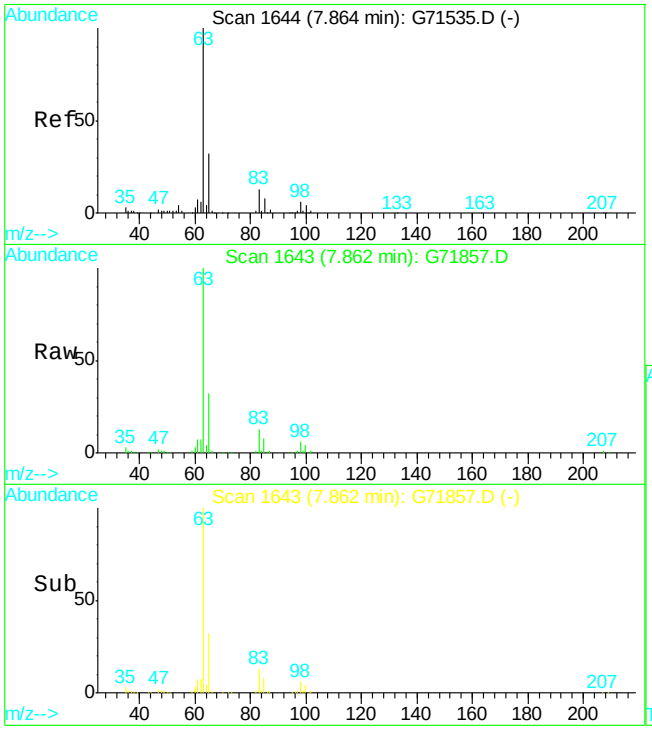


#22
trans-1,2-dichloroethene
Concen: 4.32 ppb
RT: 7.61 min Scan# 1554
Delta R.T. -0.00 min
Lab File: G71857.D
Acq: 23 Jul 2007 6:44 pm

Tgt Ion: 96 Resp: 8300

Ion	Ratio	Lower	Upper
96	100		
61	160.6	107.6	167.6
98	65.2	33.2	93.2

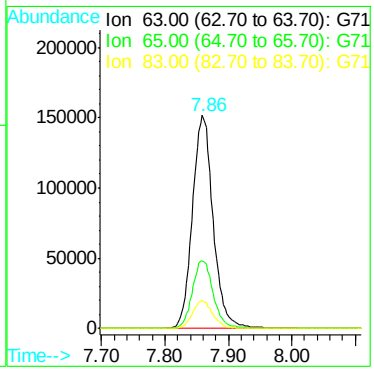


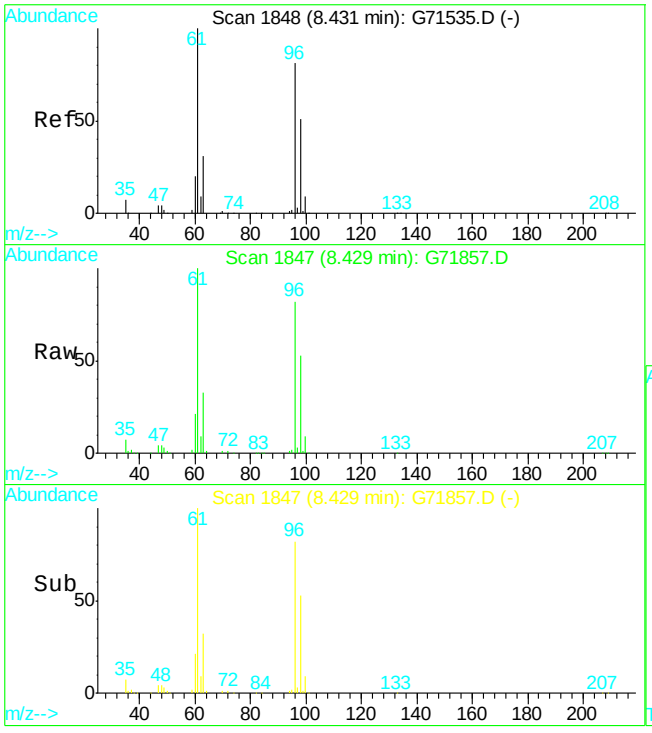


#32
1,1-dichloroethane
Concen: 97.28 ppb
RT: 7.86 min Scan# 1643
Delta R.T. -0.00 min
Lab File: G71857.D
Acq: 23 Jul 2007 6:44 pm

Tgt Ion: 63 Resp: 343058

Ion	Ratio	Lower	Upper
63	100		
65	31.9	2.2	62.2
83	12.7	0.0	42.8

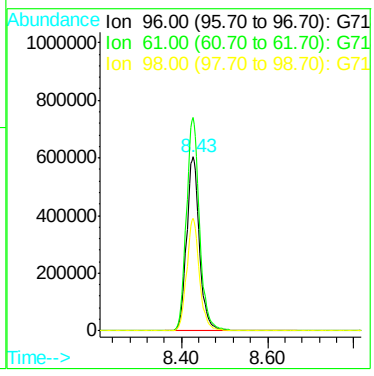


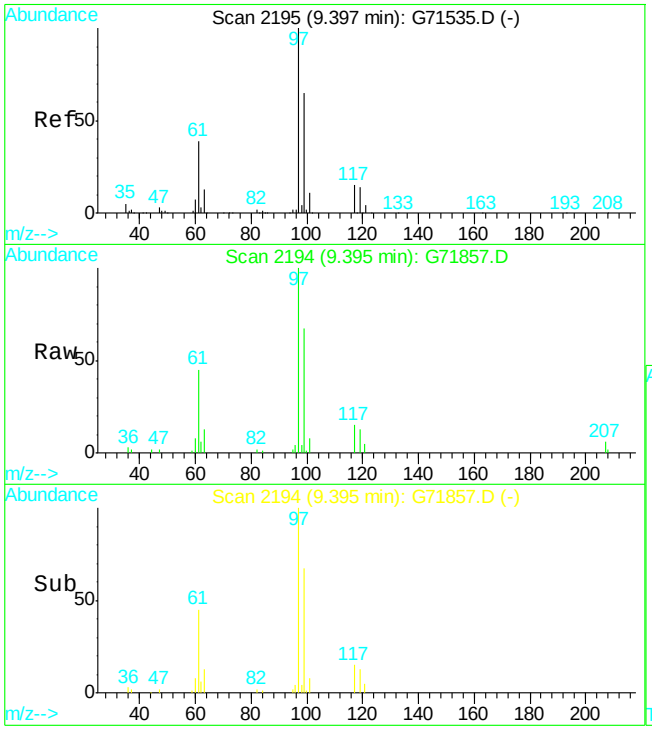


#36
cis-1,2-dichloroethene
Concen: 554.37 ppb
RT: 8.43 min Scan# 1847
Delta R.T. -0.00 min
Lab File: G71857.D
Acq: 23 Jul 2007 6:44 pm

Tgt Ion: 96 Resp: 1259829

Ion	Ratio	Lower	Upper
96	100		
61	122.3	93.8	153.8
98	64.6	32.5	92.5

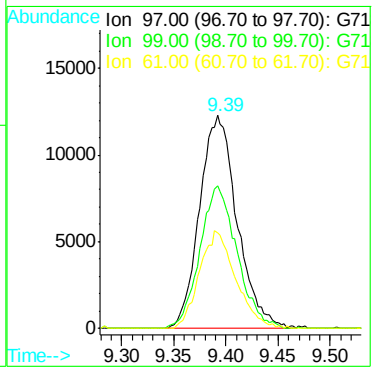


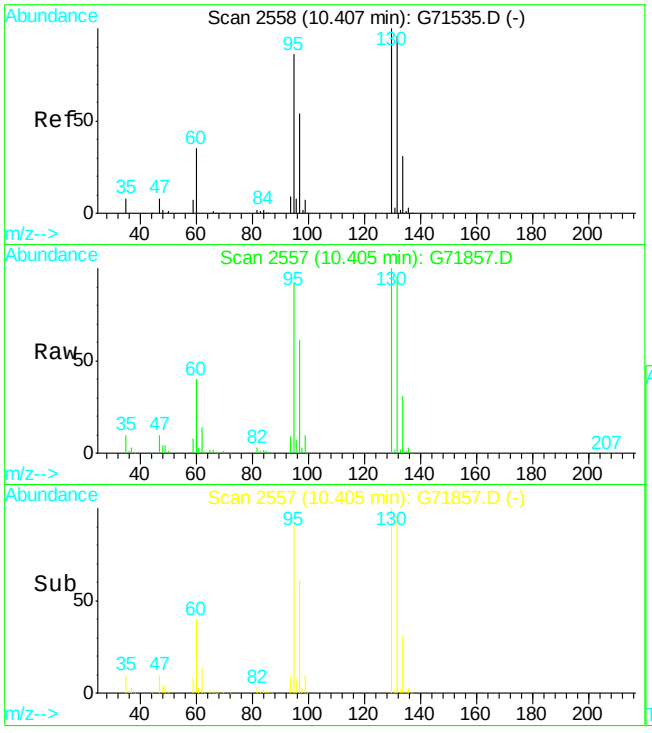


#42
1,1,1-trichloroethane
Concen: 10.62 ppb
RT: 9.39 min Scan# 2194
Delta R.T. -0.00 min
Lab File: G71857.D
Acq: 23 Jul 2007 6:44 pm

Tgt Ion: 97 Resp: 30823

Ion	Ratio	Lower	Upper
97	100		
99	67.2	35.1	95.1
61	45.4	9.3	69.3

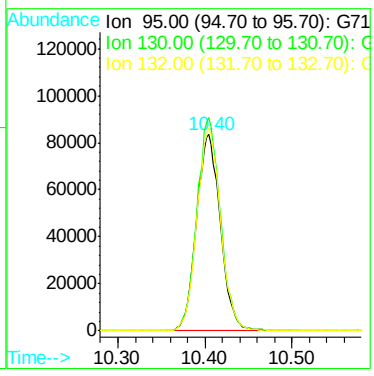


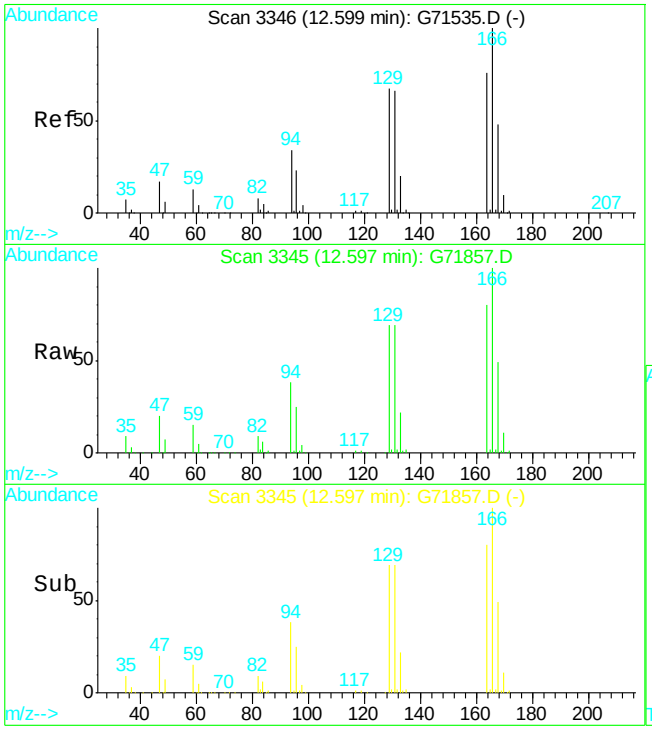


#51
trichloroethene
Concen: 72.71 ppb
RT: 10.40 min Scan# 2557
Delta R.T. -0.00 min
Lab File: G71857.D
Acq: 23 Jul 2007 6:44 pm

Tgt Ion: 95 Resp: 158830

Ion	Ratio	Lower	Upper
95	100		
130	108.6	80.2	140.2
132	103.4	76.3	136.3

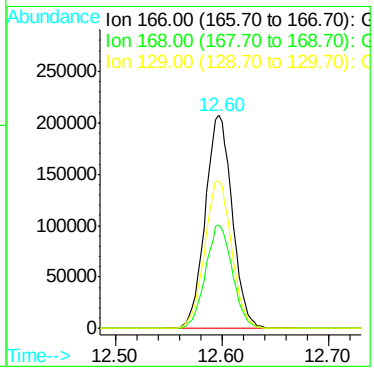




#67
tetrachloroethene
Concen: 167.18 ppb
RT: 12.60 min Scan# 3345
Delta R.T. -0.00 min
Lab File: G71857.D
Acq: 23 Jul 2007 6:44 pm

Tgt Ion:166 Resp: 362692

Ion	Ratio	Lower	Upper
166	100		
168	48.5	18.1	78.1
129	69.2	36.7	96.7



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71902.D Vial: 14
Acq On : 24 Jul 2007 2:27 pm Operator: kimt
Sample : m66438-3 Inst : 5973 G
Misc : ms13993,msg2886,,,,5,10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 25 14:40 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration
DataAcq Meth : G8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.72	65	5579	50.00	ppb	0.00
3) pentafluorobenzene	9.11	168	203169	50.00	ppb	0.00
43) 1,4-difluorobenzene	9.98	114	299109	50.00	ppb	0.00
66) chlorobenzene-d5	13.24	82	149256	50.00	ppb	0.00
80) 1,4-dichlorobenzene-d4	15.80	152	155513	50.00	ppb	0.00

System Monitoring Compounds

40) dibromofluoromethane (s)	8.76	113	92868	49.27	ppb	0.00
Spiked Amount 50.000	Range 83 - 127		Recovery = 98.54%			
60) toluene-d8 (s)	11.78	98	359535	48.29	ppb	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 96.58%			
82) bromofluorobenzene (s)	14.47	95	133151	48.06	ppb	0.00
Spiked Amount 50.000	Range 81 - 119		Recovery = 96.12%			

Target Compounds

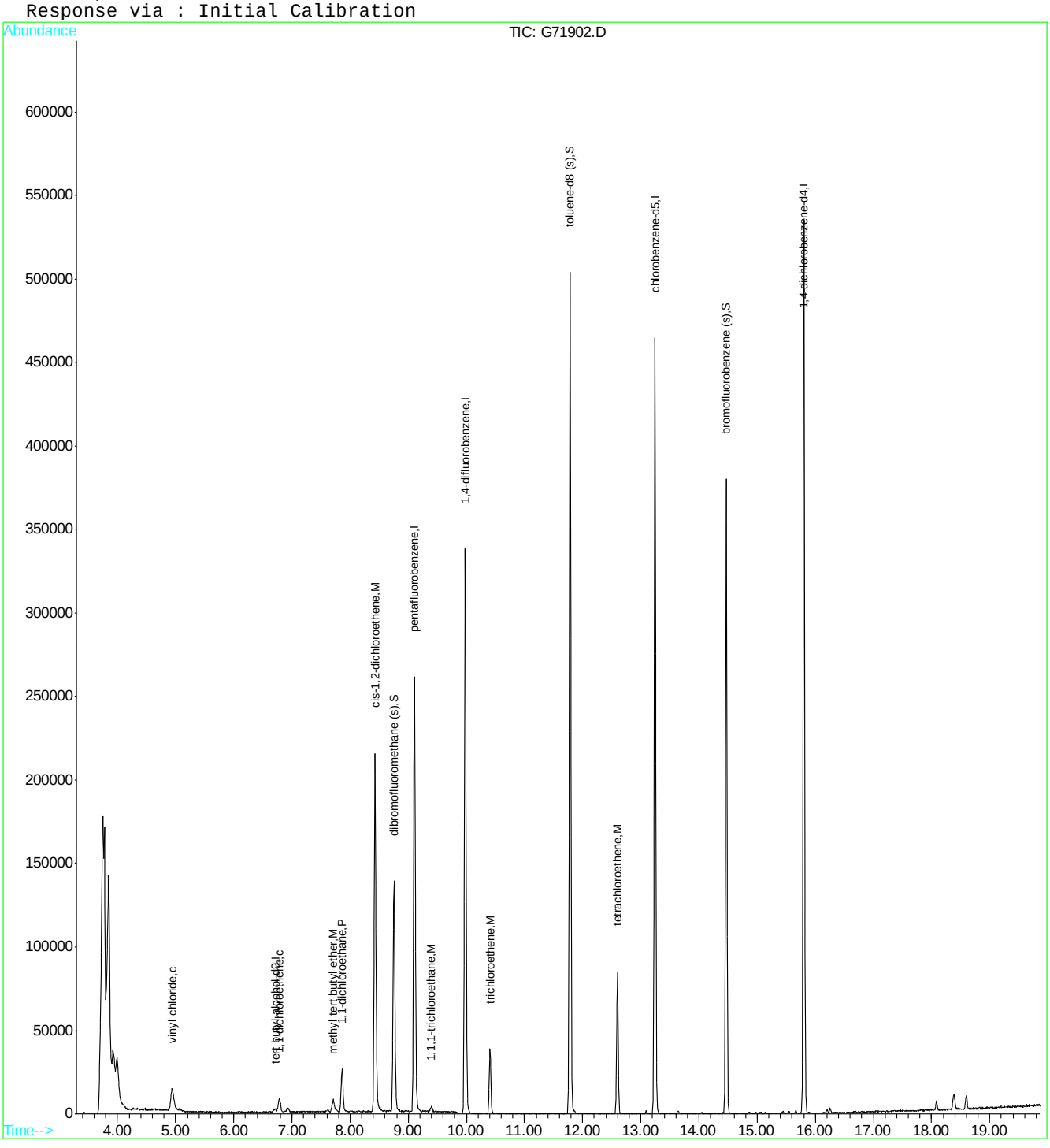
						Qvalue
7) vinyl chloride	4.95	62	28452	13.11	ppb	95
15) 1,1-dichloroethene	6.79	96	5418	2.65	ppb	90
19) methyl tert butyl ether	7.71	73	9780	1.47	ppb	82
32) 1,1-dichloroethane	7.86	63	29991	7.65	ppb	96
36) cis-1,2-dichloroethene	8.43	96	104833	41.48	ppb	96
42) 1,1,1-trichloroethane	9.39	97	2710	0.84	ppb	81
51) trichloroethene	10.41	95	13538	5.69	ppb	95
67) tetrachloroethene	12.60	166	28043	12.20	ppb	97

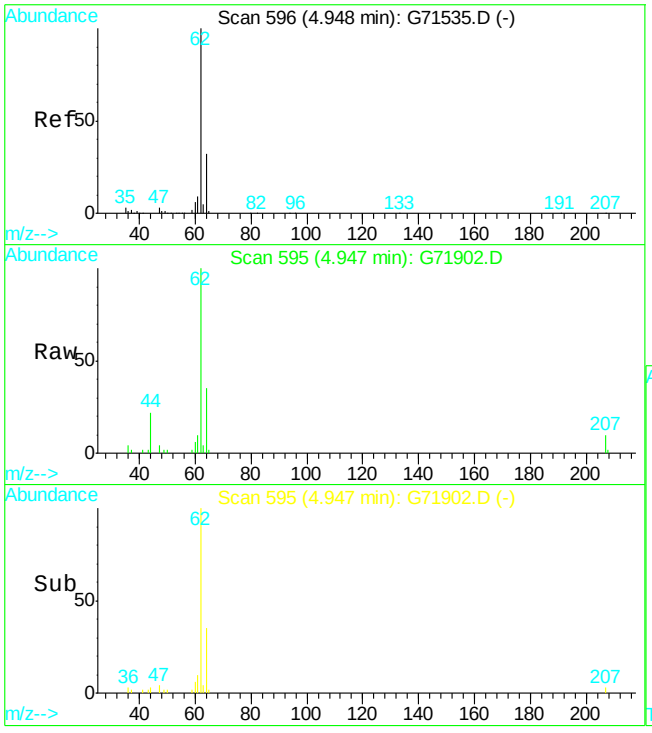
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\G71902.D Vial: 14
Acq On : 24 Jul 2007 2:27 pm Operator: kimt
Sample : m66438-3 Inst : 5973 G
Misc : ms13993,msg2886,,,,5,10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 25 14:40 2007 Quant Results File: G071007W.RES

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration

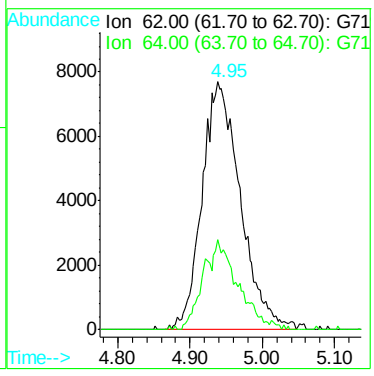


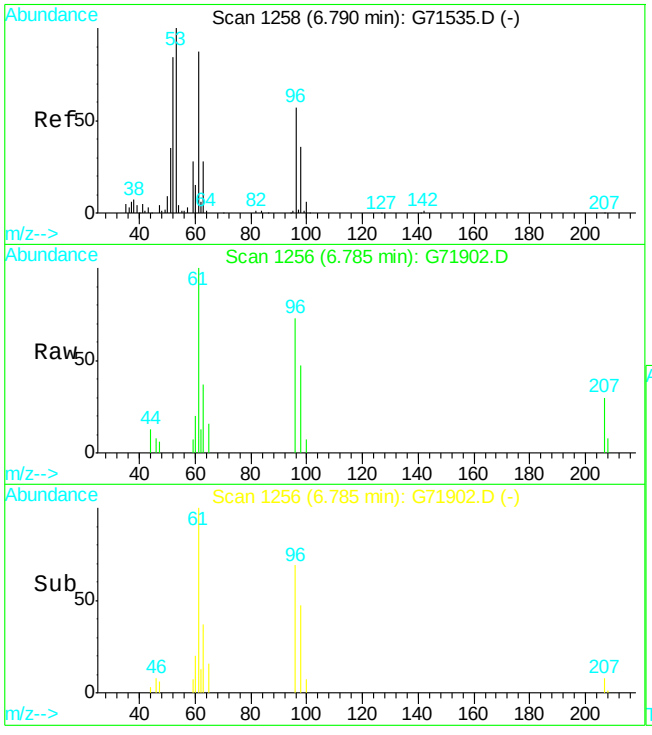


#7
vinyl chloride
Concen: 13.11 ppb
RT: 4.95 min Scan# 595
Delta R.T. -0.00 min
Lab File: G71902.D
Acq: 24 Jul 2007 2:27 pm

Tgt Ion: 62 Resp: 28452

Ion	Ratio	Lower	Upper
62	100		
64	34.6	2.0	62.0

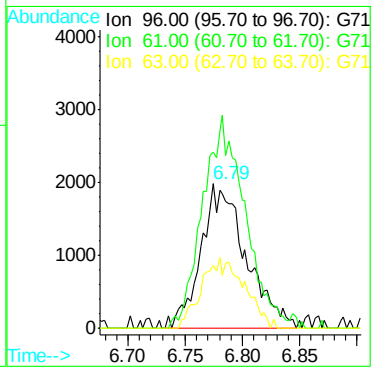


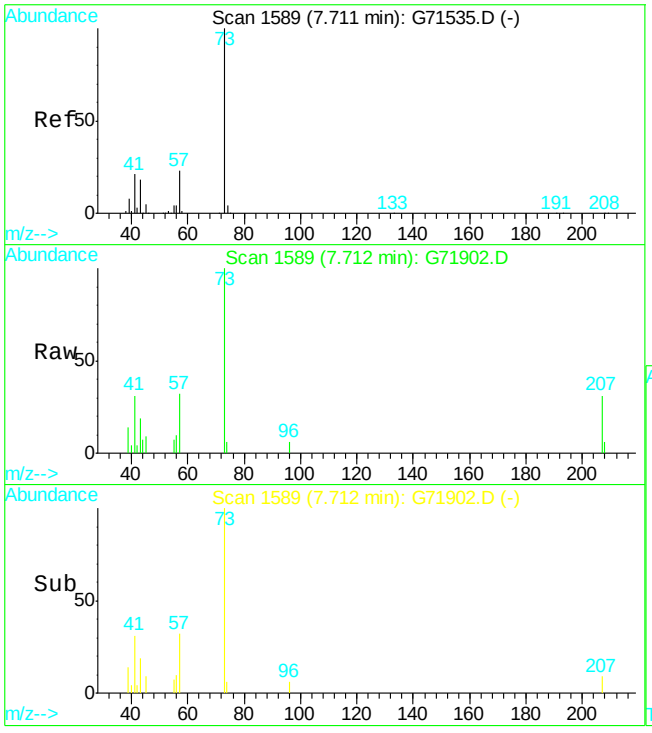


#15
1,1-dichloroethene
Concen: 2.65 ppb
RT: 6.79 min Scan# 1256
Delta R.T. -0.00 min
Lab File: G71902.D
Acq: 24 Jul 2007 2:27 pm

Tgt Ion: 96 Resp: 5418

Ion	Ratio	Lower	Upper
96	100		
61	136.6	121.4	181.4
63	51.1	18.9	78.9

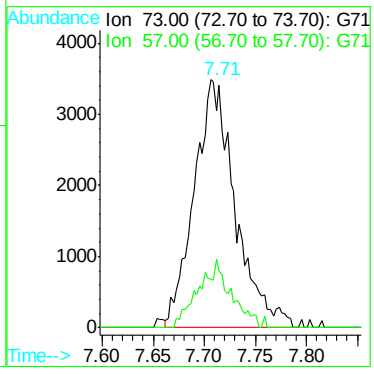


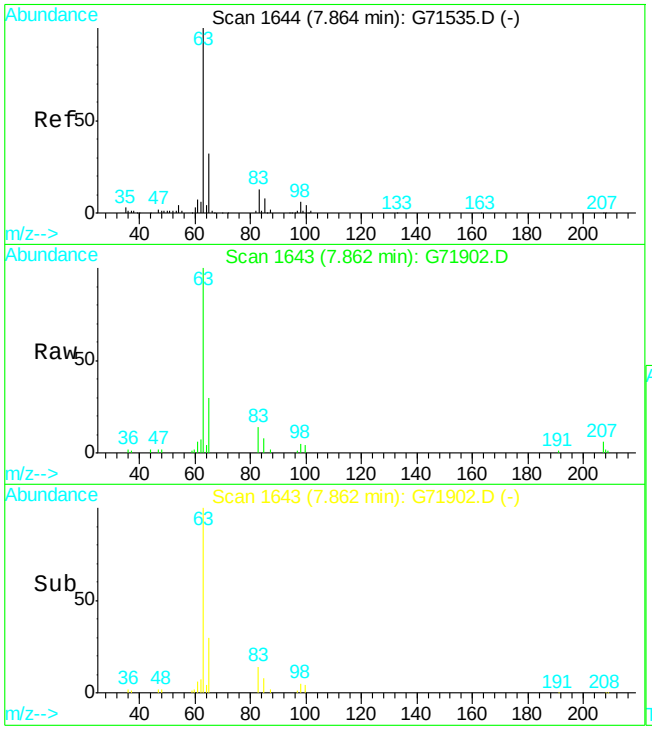


#19
methyl tert butyl ether
Concen: 1.47 ppb
RT: 7.71 min Scan# 1589
Delta R.T. 0.00 min
Lab File: G71902.D
Acq: 24 Jul 2007 2:27 pm

Tgt Ion: 73 Resp: 9780

Ion	Ratio	Lower	Upper
73	100		
57	31.6	0.0	52.8

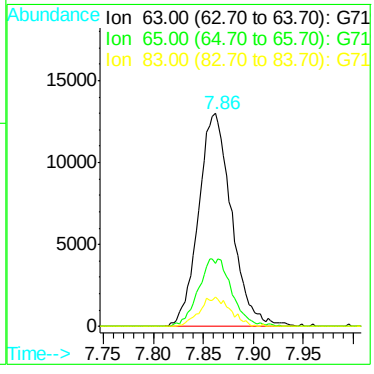


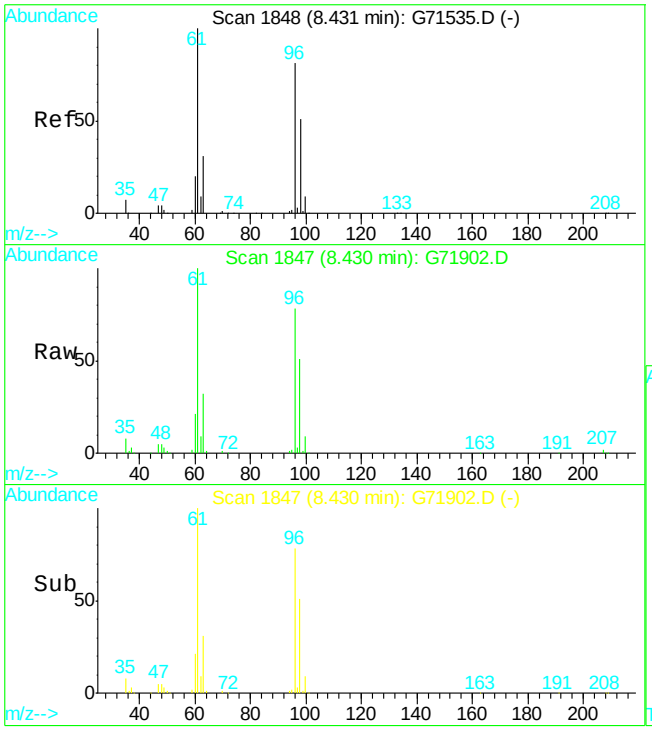


#32
1,1-dichloroethane
Concen: 7.65 ppb
RT: 7.86 min Scan# 1643
Delta R.T. -0.00 min
Lab File: G71902.D
Acq: 24 Jul 2007 2:27 pm

Tgt Ion: 63 Resp: 29991

Ion	Ratio	Lower	Upper
63	100		
65	29.8	2.2	62.2
83	14.0	0.0	42.8

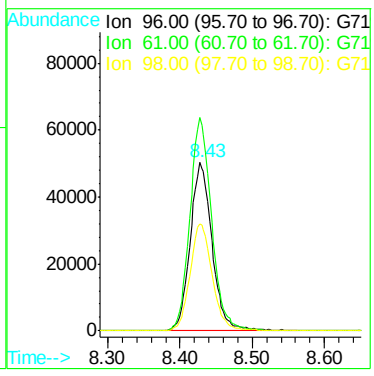


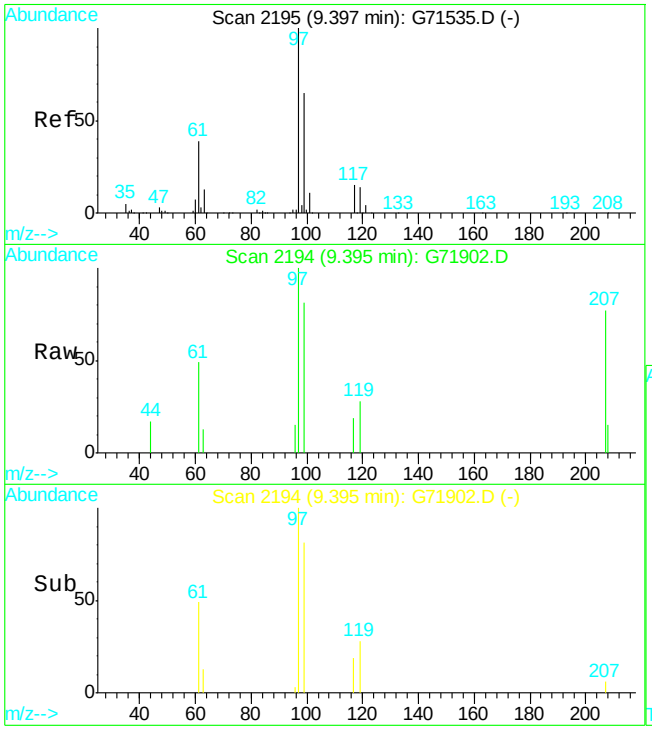


#36
cis-1,2-dichloroethene
Concen: 41.48 ppb
RT: 8.43 min Scan# 1847
Delta R.T. -0.00 min
Lab File: G71902.D
Acq: 24 Jul 2007 2:27 pm

Tgt Ion: 96 Resp: 104833

Ion	Ratio	Lower	Upper
96	100		
61	127.8	93.8	153.8
98	65.8	32.5	92.5

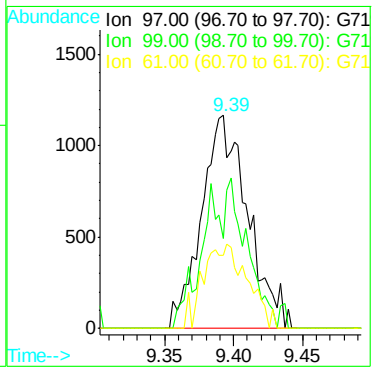


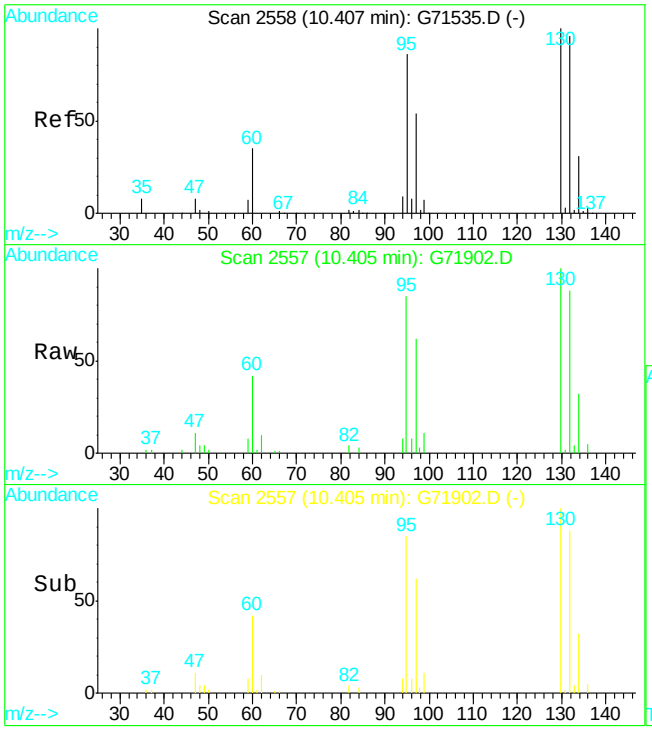


#42
1,1,1-trichloroethane
Concen: 0.84 ppb
RT: 9.39 min Scan# 2194
Delta R.T. -0.00 min
Lab File: G71902.D
Acq: 24 Jul 2007 2:27 pm

Tgt Ion: 97 Resp: 2710

Ion	Ratio	Lower	Upper
97	100		
99	81.2	35.1	95.1
61	49.5	9.3	69.3

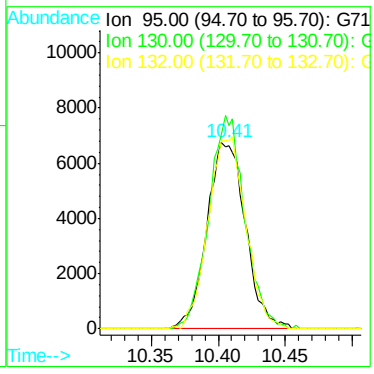


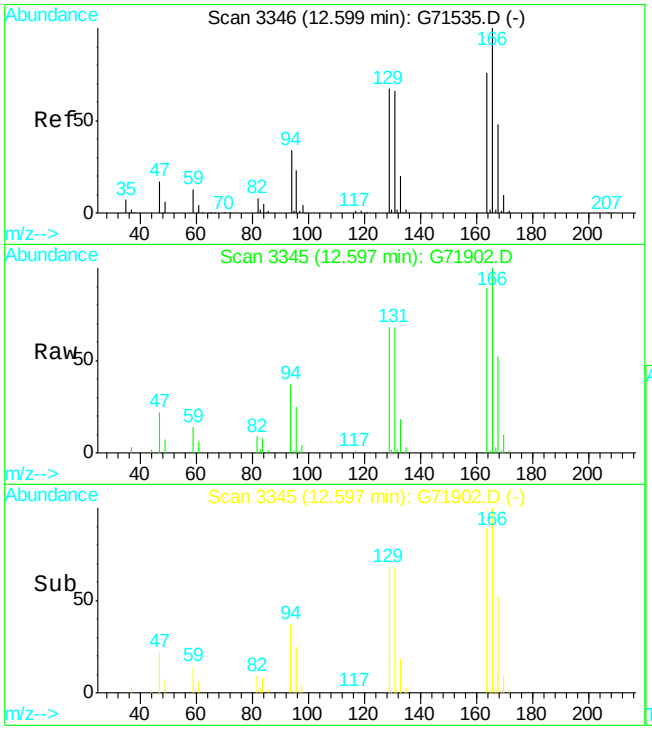


#51
trichloroethene
Concen: 5.69 ppb
RT: 10.41 min Scan# 2557
Delta R.T. -0.00 min
Lab File: G71902.D
Acq: 24 Jul 2007 2:27 pm

Tgt Ion: 95 Resp: 13538

Ion	Ratio	Lower	Upper
95	100		
130	117.0	80.2	140.2
132	103.5	76.3	136.3

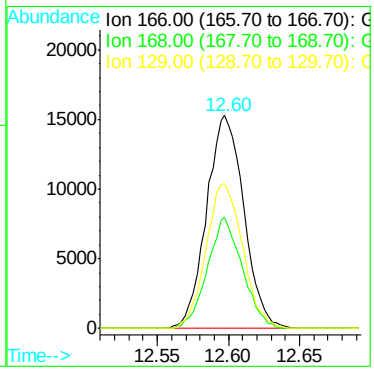




#67
tetrachloroethene
Concen: 12.20 ppb
RT: 12.60 min Scan# 3345
Delta R.T. -0.00 min
Lab File: G71902.D
Acq: 24 Jul 2007 2:27 pm

Tgt Ion:166 Resp: 28043

Ion	Ratio	Lower	Upper
166	100		
168	52.1	18.1	78.1
129	67.7	36.7	96.7



Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau 07/24/07 14:00

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71858.D Vial: 8
Acq On : 23 Jul 2007 7:10 pm Operator: kimt
Sample : m66438-4 Inst : 5973 G
Misc : ms13993,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:01 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration
DataAcq Meth : G8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.75	65	4920m	50.00	ppb	0.03
3) pentafluorobenzene	9.11	168	175156	50.00	ppb	0.00
43) 1,4-difluorobenzene	9.98	114	261674	50.00	ppb	0.00
66) chlorobenzene-d5	13.24	82	138845	50.00	ppb	0.00
80) 1,4-dichlorobenzene-d4	15.80	152	136546	50.00	ppb	0.00

System Monitoring Compounds

40) dibromofluoromethane (s)	8.76	113	83169	51.18	ppb	0.00
Spiked Amount 50.000	Range 83 - 127		Recovery = 102.36%			
60) toluene-d8 (s)	11.78	98	324842	49.87	ppb	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 99.74%			
82) bromofluorobenzene (s)	14.47	95	121850	50.09	ppb	0.00
Spiked Amount 50.000	Range 81 - 119		Recovery = 100.18%			

Target Compounds Qvalue

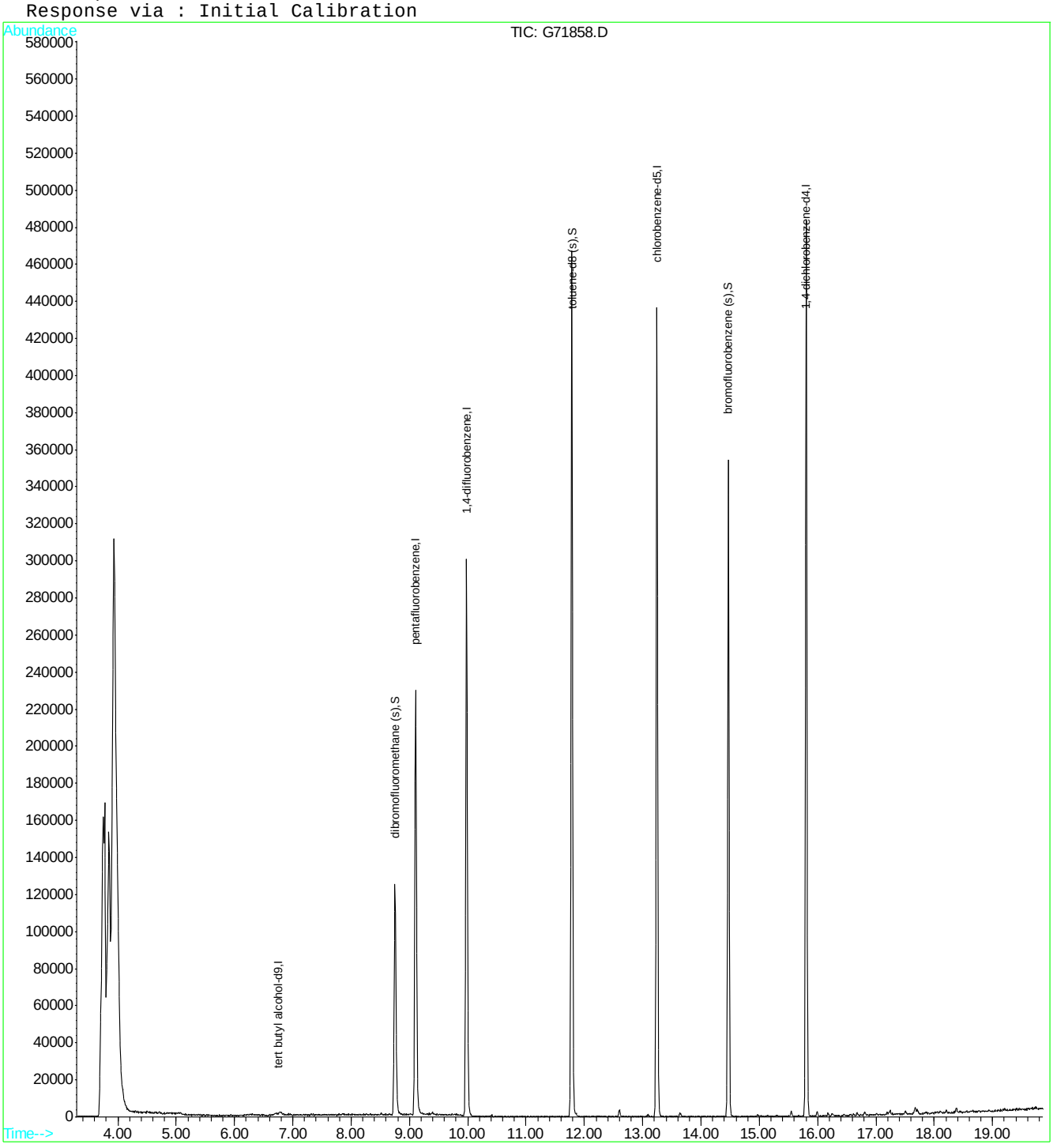
(#) = qualifier out of range (m) = manual integration
G71858.D G071007W.M Tue Jul 24 09:01:46 2007 RP1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\G71858.D
Acq On : 23 Jul 2007 7:10 pm
Sample : m66438-4
Misc : ms13993,msg2884,,,,5,1
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:01 2007

Vial: 8
Operator: kimt
Inst : 5973 G
Multiplr: 1.00
Quant Results File: G071007W.RES

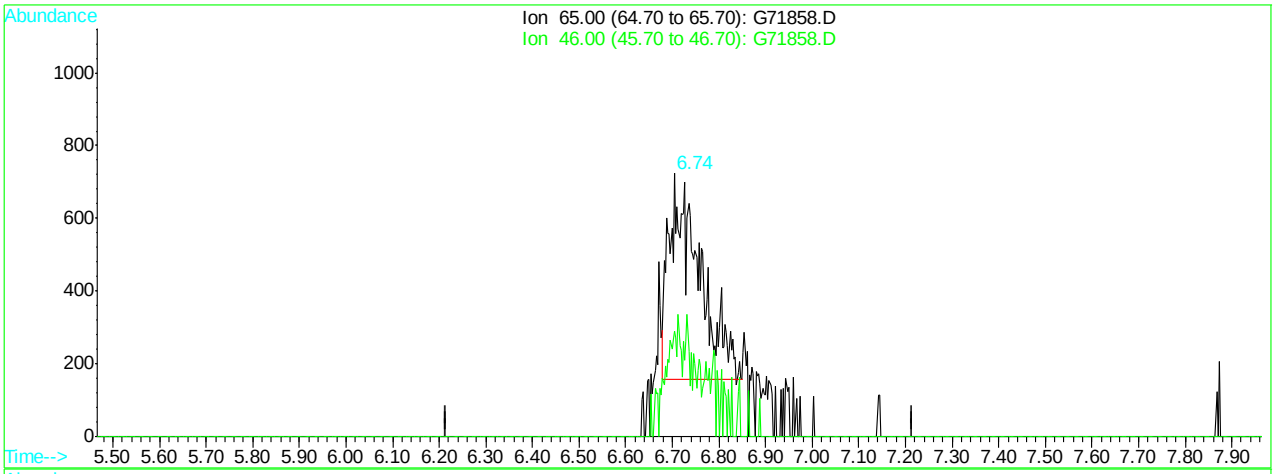
Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration

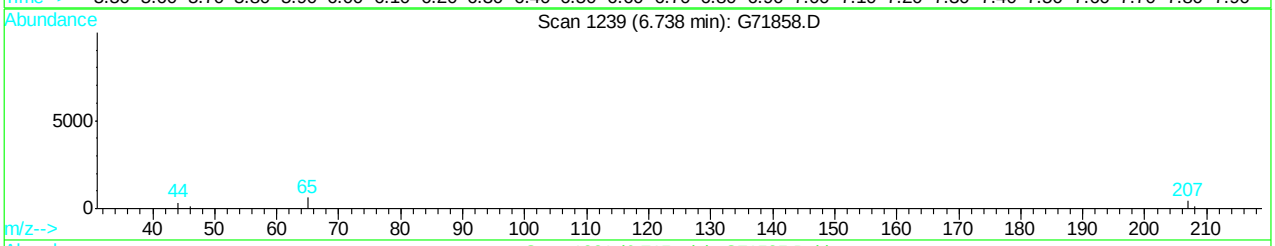


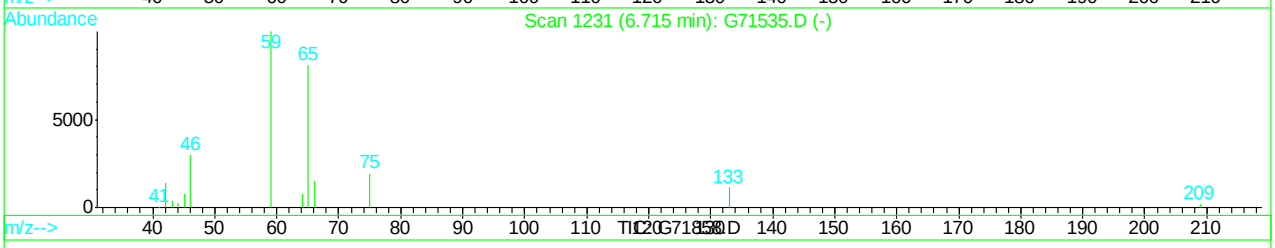
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71858.D Vial: 8
Acq On : 23 Jul 2007 7:10 pm Operator: kimt
Sample : m66438-4 Inst : 5973 G
Misc : ms13993,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 7:59 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration







(1) tert butyl alcohol-d9 (I)

6.74min 50.00ppb

response 2559

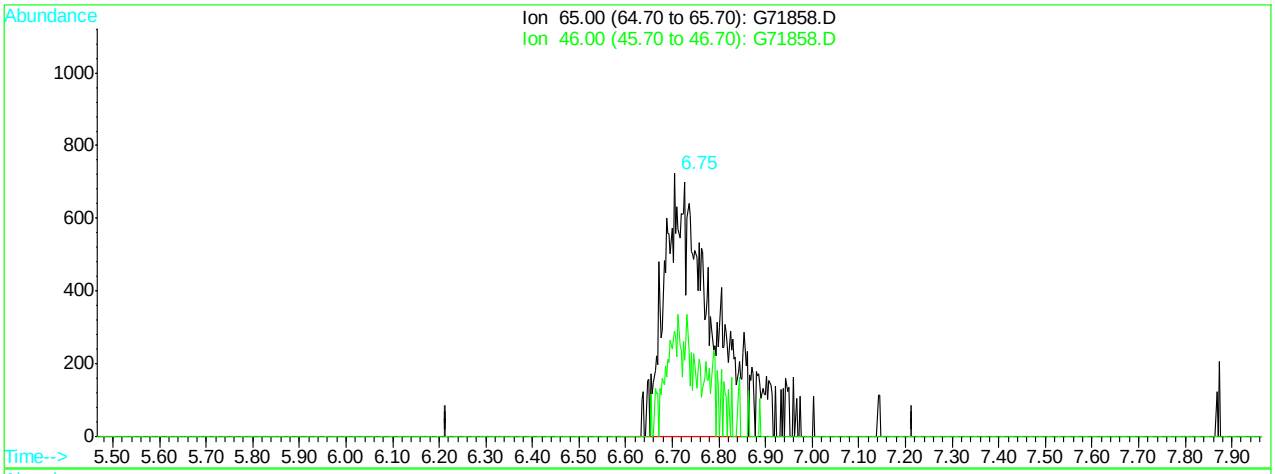
Ion	Exp%	Act%
65.00	100	100
46.00	36.90	30.97
0.00	0.00	0.00
0.00	0.00	0.00

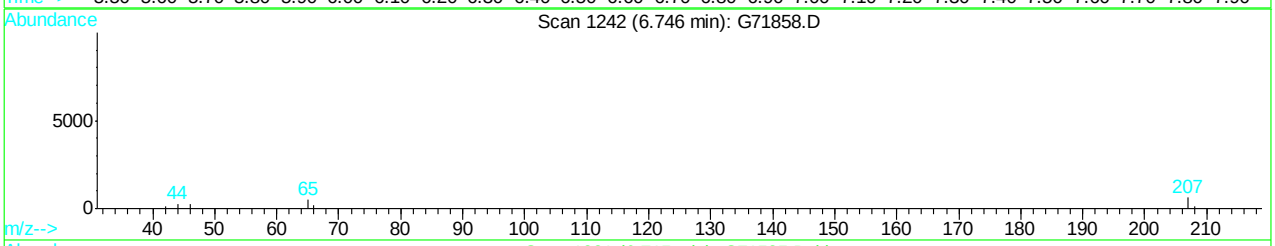
G71858.D G071007W.M Tue Jul 24 09:00:29 2007 RP1

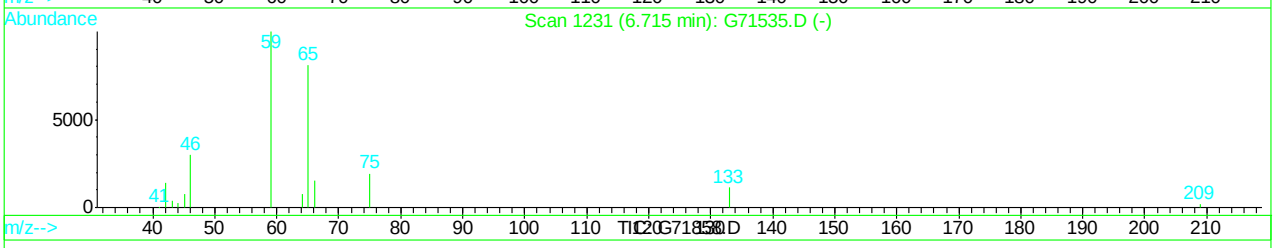
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71858.D Vial: 8
Acq On : 23 Jul 2007 7:10 pm Operator: kimt
Sample : m66438-4 Inst : 5973 G
Misc : ms13993,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:00 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration







(1) tert butyl alcohol-d9 (I)

6.75min 50.00ppb m

response 4920

Ion	Exp%	Act%
65.00	100	100
46.00	36.90	47.12
0.00	0.00	0.00
0.00	0.00	0.00

G71858.D G071007W.M Tue Jul 24 09:00:36 2007 RP1

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71859.D Vial: 9
Acq On : 23 Jul 2007 7:36 pm Operator: kimt
Sample : m66438-5 Inst : 5973 G
Misc : ms13993,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:03 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration
DataAcq Meth : G8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.74	65	4965	50.00	ppb	0.03
3) pentafluorobenzene	9.11	168	182564	50.00	ppb	0.00
43) 1,4-difluorobenzene	9.98	114	273377	50.00	ppb	0.00
66) chlorobenzene-d5	13.24	82	143039	50.00	ppb	0.00
80) 1,4-dichlorobenzene-d4	15.80	152	137282	50.00	ppb	0.00

System Monitoring Compounds

40) dibromofluoromethane (s)	8.76	113	87108	51.43	ppb	0.00
Spiked Amount 50.000	Range 83 - 127		Recovery = 102.86%			
60) toluene-d8 (s)	11.78	98	333076	48.94	ppb	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 97.88%			
82) bromofluorobenzene (s)	14.47	95	124566	50.94	ppb	0.00
Spiked Amount 50.000	Range 81 - 119		Recovery = 101.88%			

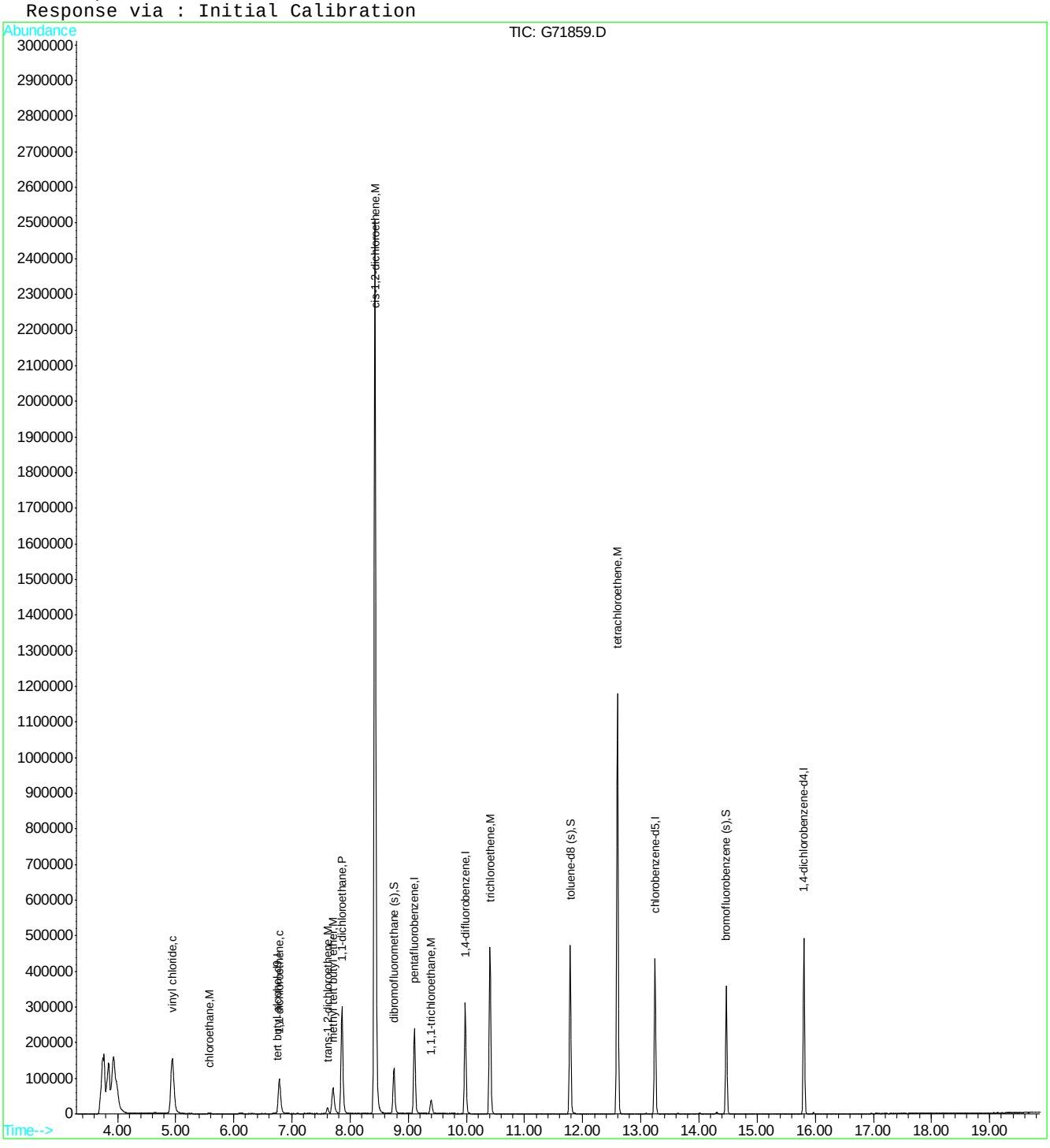
Target Compounds						Qvalue
7) vinyl chloride	4.95	62	355790	182.41	ppb	99
9) chloroethane	5.58	64	3159	2.33	ppb	97
15) 1,1-dichloroethene	6.79	96	59940	33.99	ppb	91
19) methyl tert butyl ether	7.71	73	102507	17.13	ppb	99
22) trans-1,2-dichloroethene	7.61	96	8450	4.40	ppb	98
32) 1,1-dichloroethane	7.86	63	341306	96.86	ppb	99
36) cis-1,2-dichloroethene	8.43	96	1259512	554.64	ppb	98
42) 1,1,1-trichloroethane	9.40	97	31067	10.71	ppb	97
51) trichloroethene	10.41	95	159028	73.16	ppb	96
67) tetrachloroethene	12.60	166	370103	168.04	ppb	97

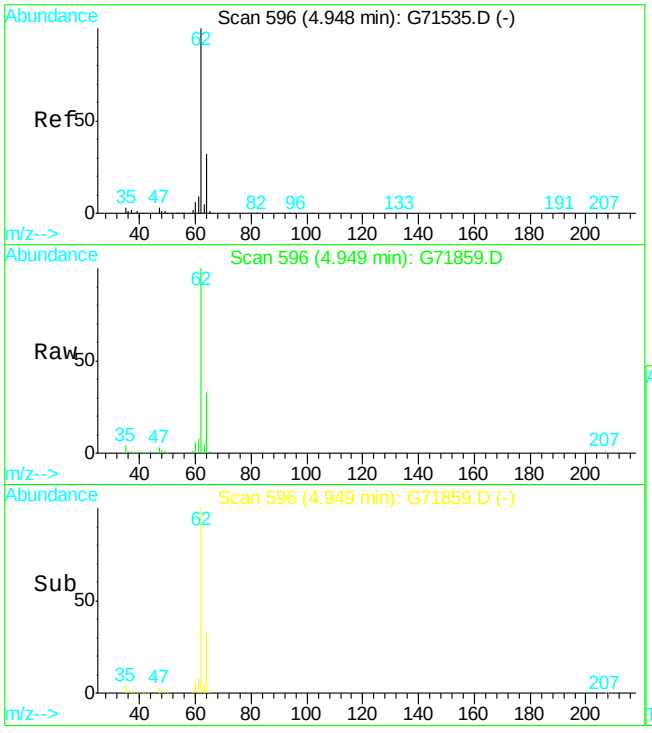
(#) = qualifier out of range (m) = manual integration
G71859.D G071007W.M Tue Jul 24 09:03:39 2007 RP1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\G71859.D Vial: 9
Acq On : 23 Jul 2007 7:36 pm Operator: kimt
Sample : m66438-5 Inst : 5973 G
Misc : ms13993,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:03 2007 Quant Results File: G071007W.RES

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration

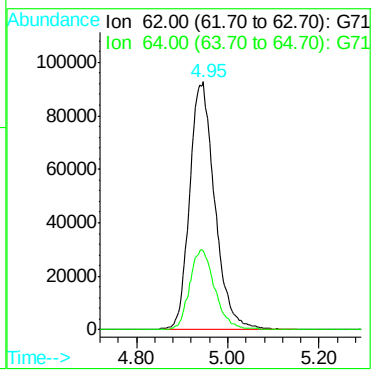


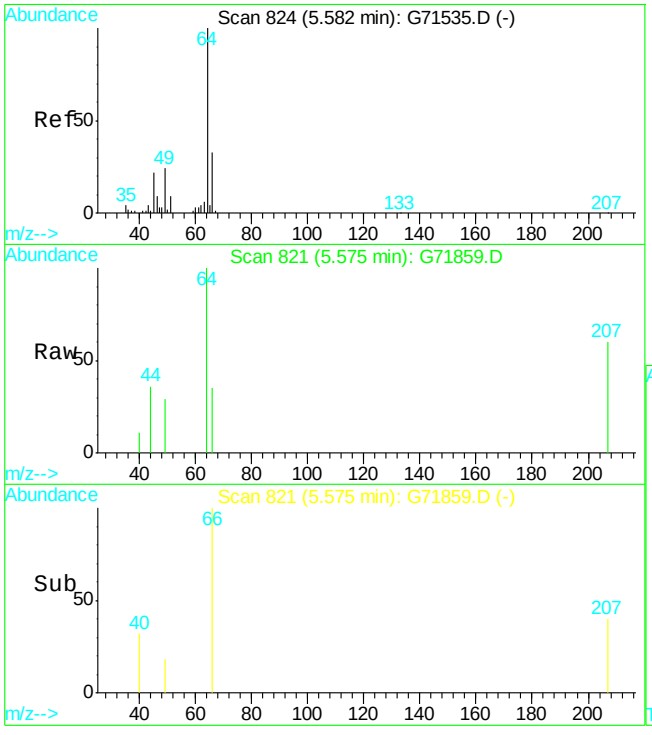


#7
vinyl chloride
Concen: 182.41 ppb
RT: 4.95 min Scan# 596
Delta R.T. 0.00 min
Lab File: G71859.D
Acq: 23 Jul 2007 7:36 pm

Tgt Ion: 62 Resp: 355790

Ion	Ratio	Lower	Upper
62	100		
64	32.6	2.0	62.0

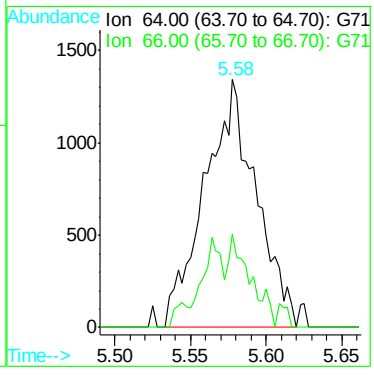


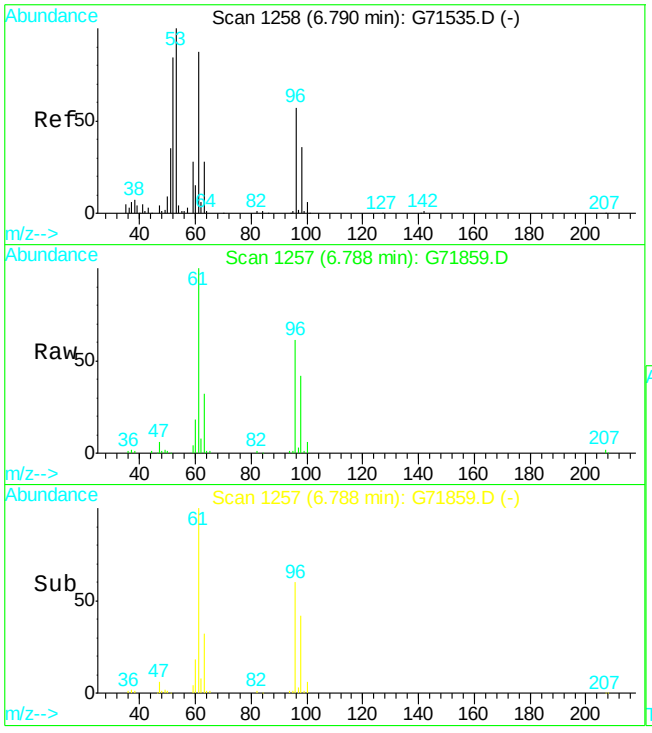


#9
chloroethane
Concen: 2.33 ppb
RT: 5.58 min Scan# 821
Delta R.T. -0.01 min
Lab File: G71859.D
Acq: 23 Jul 2007 7:36 pm

Tgt Ion: 64 Resp: 3159

Ion	Ratio	Lower	Upper
64	100		
66	35.2	3.3	63.3

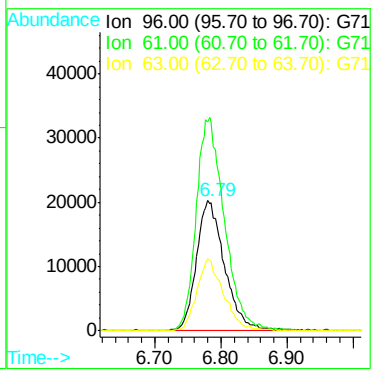


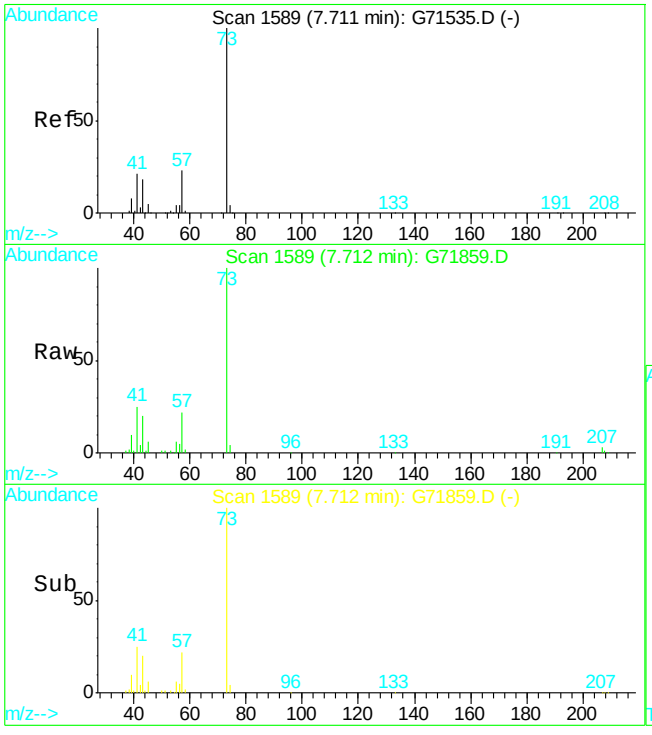


#15
1,1-dichloroethene
Concen: 33.99 ppb
RT: 6.79 min Scan# 1257
Delta R.T. -0.00 min
Lab File: G71859.D
Acq: 23 Jul 2007 7:36 pm

Tgt Ion: 96 Resp: 59940

Ion	Ratio	Lower	Upper
96	100		
61	164.9	121.4	181.4
63	52.3	18.9	78.9

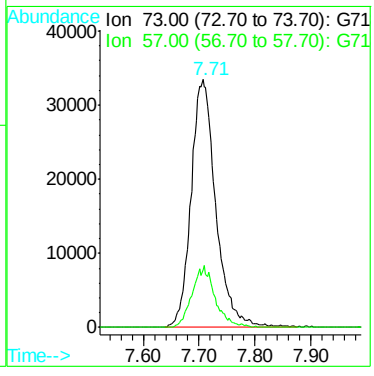


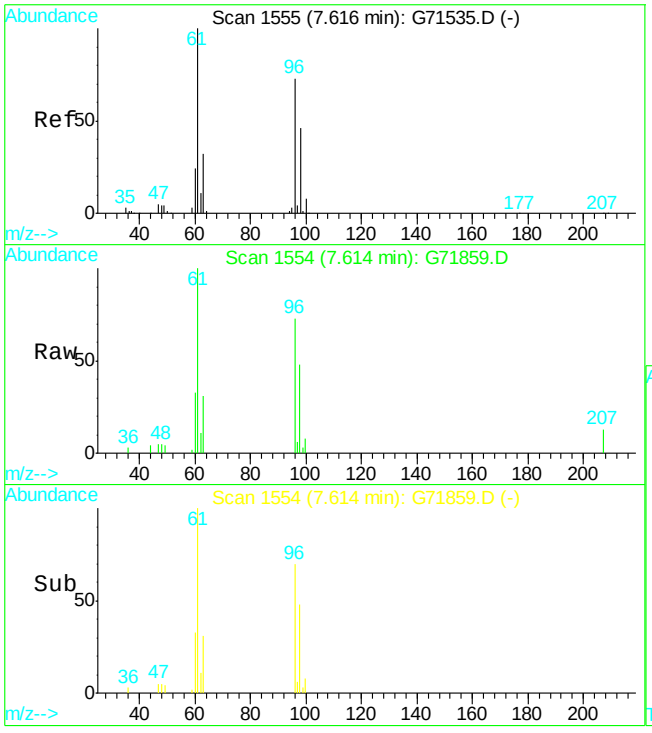


#19
methyl tert butyl ether
Concen: 17.13 ppb
RT: 7.71 min Scan# 1589
Delta R.T. 0.00 min
Lab File: G71859.D
Acq: 23 Jul 2007 7:36 pm

Tgt Ion: 73 Resp: 102507

Ion	Ratio	Lower	Upper
73	100		
57	22.3	0.0	52.8

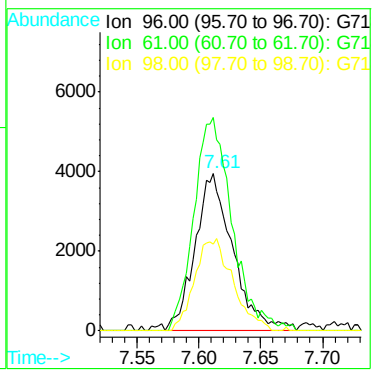


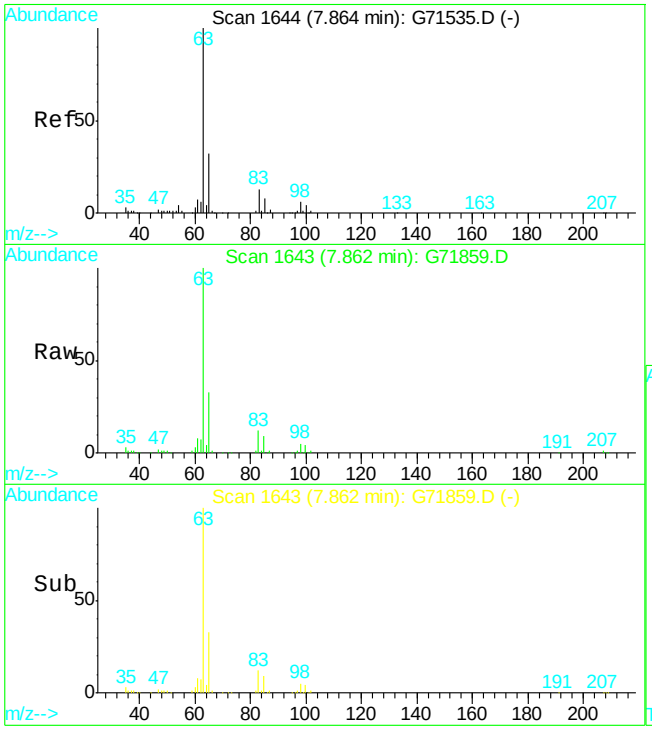


#22
trans-1,2-dichloroethene
Concen: 4.40 ppb
RT: 7.61 min Scan# 1554
Delta R.T. -0.00 min
Lab File: G71859.D
Acq: 23 Jul 2007 7:36 pm

Tgt Ion: 96 Resp: 8450

Ion	Ratio	Lower	Upper
96	100		
61	136.6	107.6	167.6
98	65.9	33.2	93.2

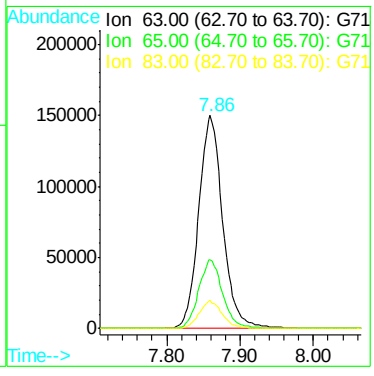


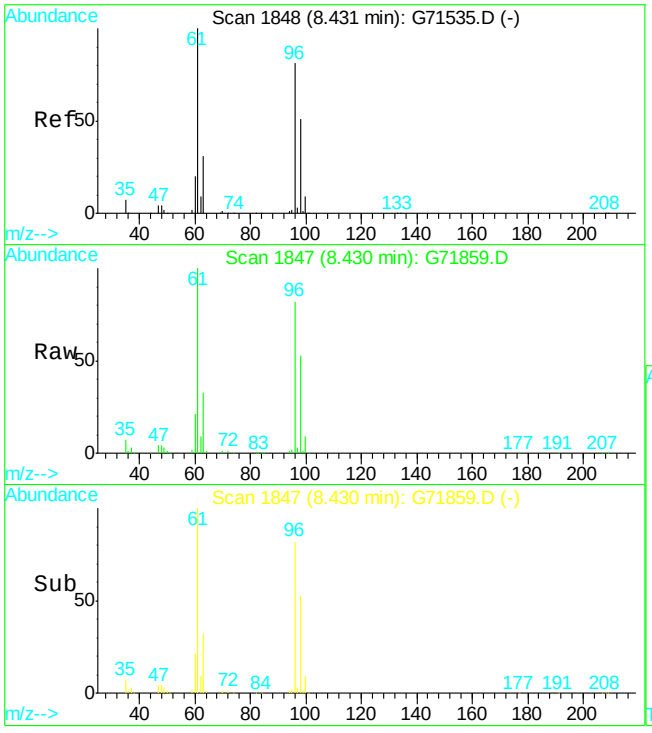


#32
1,1-dichloroethane
Concen: 96.86 ppb
RT: 7.86 min Scan# 1643
Delta R.T. -0.00 min
Lab File: G71859.D
Acq: 23 Jul 2007 7:36 pm

Tgt Ion: 63 Resp: 341306

Ion	Ratio	Lower	Upper
63	100		
65	33.1	2.2	62.2
83	12.3	0.0	42.8

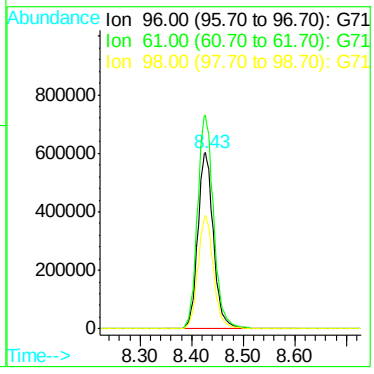


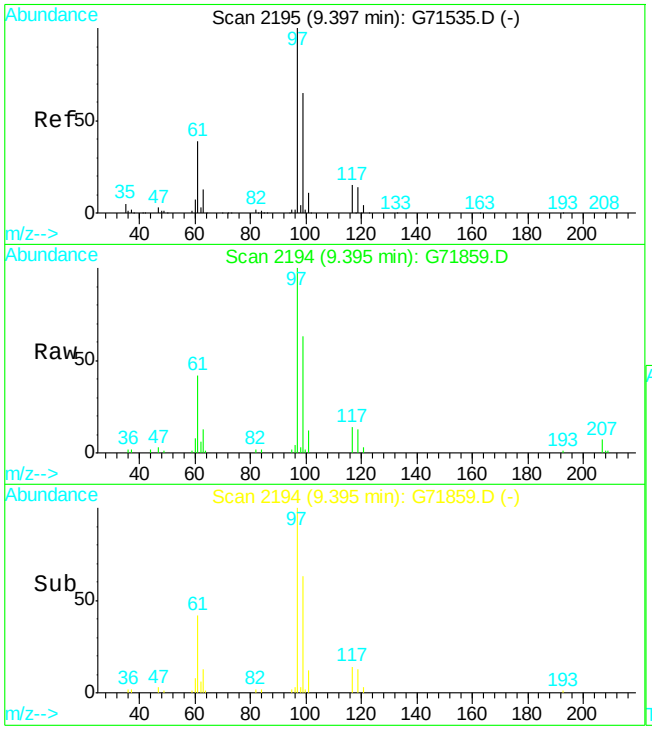


#36
cis-1,2-dichloroethene
Concen: 554.64 ppb
RT: 8.43 min Scan# 1847
Delta R.T. -0.00 min
Lab File: G71859.D
Acq: 23 Jul 2007 7:36 pm

Tgt Ion: 96 Resp: 1259512

Ion	Ratio	Lower	Upper
96	100		
61	121.7	93.8	153.8
98	64.4	32.5	92.5

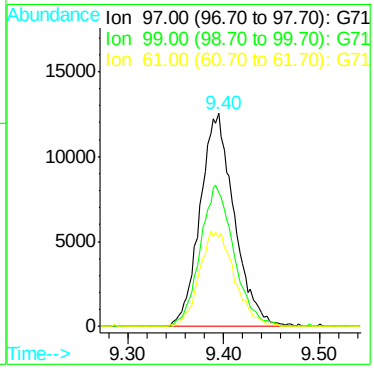


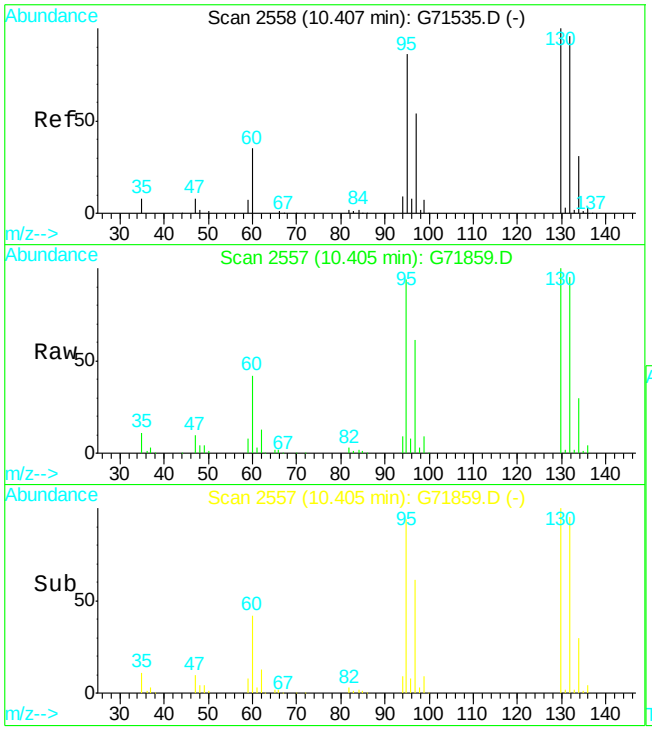


#42
1,1,1-trichloroethane
Concen: 10.71 ppb
RT: 9.40 min Scan# 2194
Delta R.T. -0.00 min
Lab File: G71859.D
Acq: 23 Jul 2007 7:36 pm

Tgt Ion: 97 Resp: 31067

Ion	Ratio	Lower	Upper
97	100		
99	62.6	35.1	95.1
61	41.7	9.3	69.3

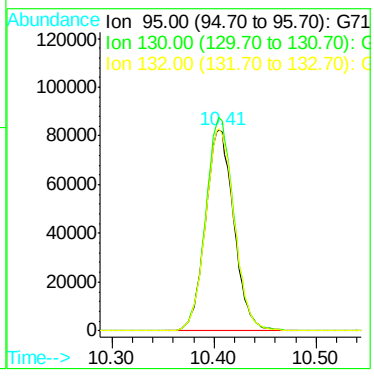


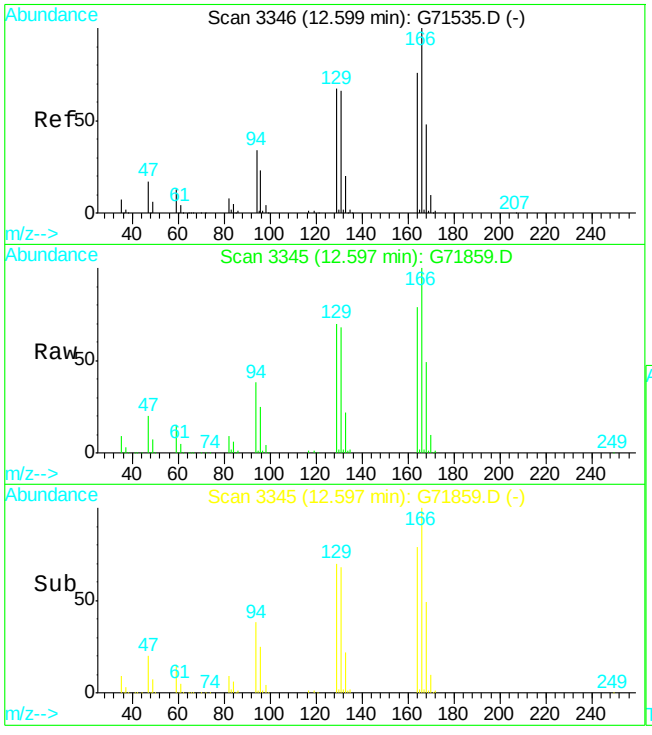


#51
trichloroethene
Concen: 73.16 ppb
RT: 10.41 min Scan# 2557
Delta R.T. -0.00 min
Lab File: G71859.D
Acq: 23 Jul 2007 7:36 pm

Tgt Ion: 95 Resp: 159028

Ion	Ratio	Lower	Upper
95	100		
130	106.2	80.2	140.2
132	100.9	76.3	136.3

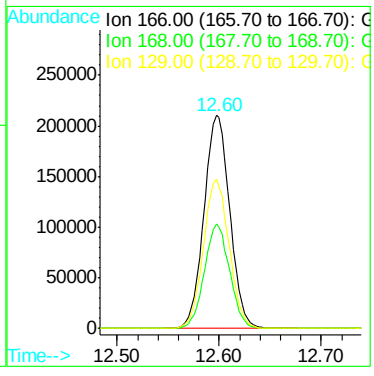




#67
tetrachloroethene
Concen: 168.04 ppb
RT: 12.60 min Scan# 3345
Delta R.T. -0.00 min
Lab File: G71859.D
Acq: 23 Jul 2007 7:36 pm

Tgt Ion:166 Resp: 370103

Ion	Ratio	Lower	Upper
166	100		
168	49.0	18.1	78.1
129	70.1	36.7	96.7



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71903.D Vial: 15
Acq On : 24 Jul 2007 2:53 pm Operator: kimt
Sample : m66438-5 Inst : 5973 G
Misc : ms13993,msg2886,,,,5,10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 17:07 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration
DataAcq Meth : G8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.71	65	4437	50.00	ppb	0.00
3) pentafluorobenzene	9.11	168	194518	50.00	ppb	0.00
43) 1,4-difluorobenzene	9.98	114	287186	50.00	ppb	0.00
66) chlorobenzene-d5	13.24	82	144271	50.00	ppb	0.00
80) 1,4-dichlorobenzene-d4	15.80	152	149558	50.00	ppb	0.00

System Monitoring Compounds

40) dibromofluoromethane (s)	8.76	113	90364	50.07	ppb	0.00
Spiked Amount 50.000	Range 83 - 127		Recovery = 100.14%			
60) toluene-d8 (s)	11.78	98	342132	47.86	ppb	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 95.72%			
82) bromofluorobenzene (s)	14.47	95	127428	47.83	ppb	0.00
Spiked Amount 50.000	Range 81 - 119		Recovery = 95.66%			

Target Compounds

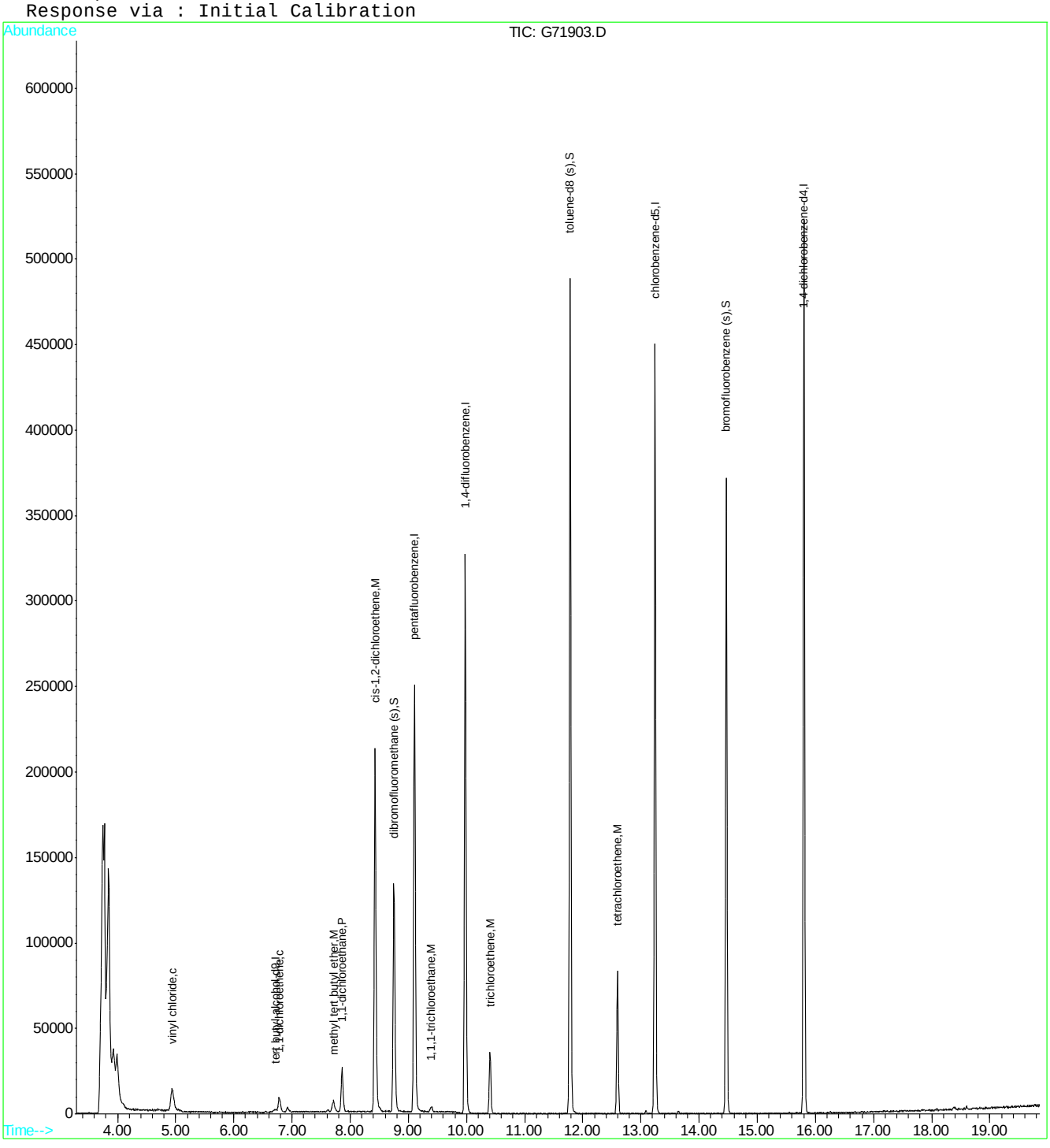
							Qvalue
7) vinyl chloride	4.95	62	29016	13.96	ppb		100
15) 1,1-dichloroethene	6.79	96	5457	2.79	ppb		91
19) methyl tert butyl ether	7.71	73	9632	1.51	ppb		98
32) 1,1-dichloroethane	7.86	63	29057	7.74	ppb		97
36) cis-1,2-dichloroethene	8.43	96	104189	43.06	ppb		98
42) 1,1,1-trichloroethane	9.40	97	2572	0.83	ppb	#	74
51) trichloroethene	10.41	95	12764	5.59	ppb		98
67) tetrachloroethene	12.60	166	27077	12.19	ppb		96

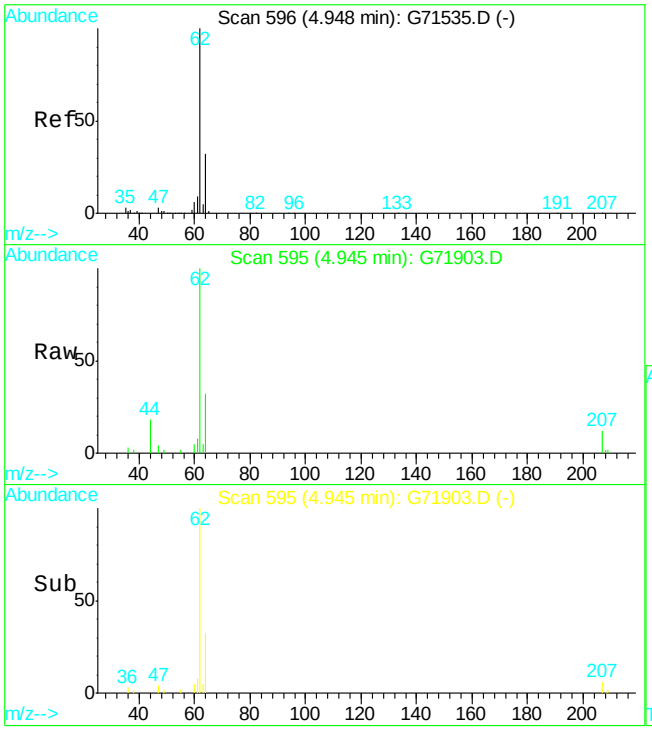
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\G71903.D Vial: 15
Acq On : 24 Jul 2007 2:53 pm Operator: kimt
Sample : m66438-5 Inst : 5973 G
Misc : ms13993,msg2886,,,,5,10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 17:07 2007 Quant Results File: G071007W.RES

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration

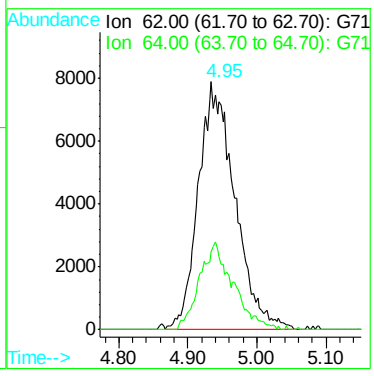


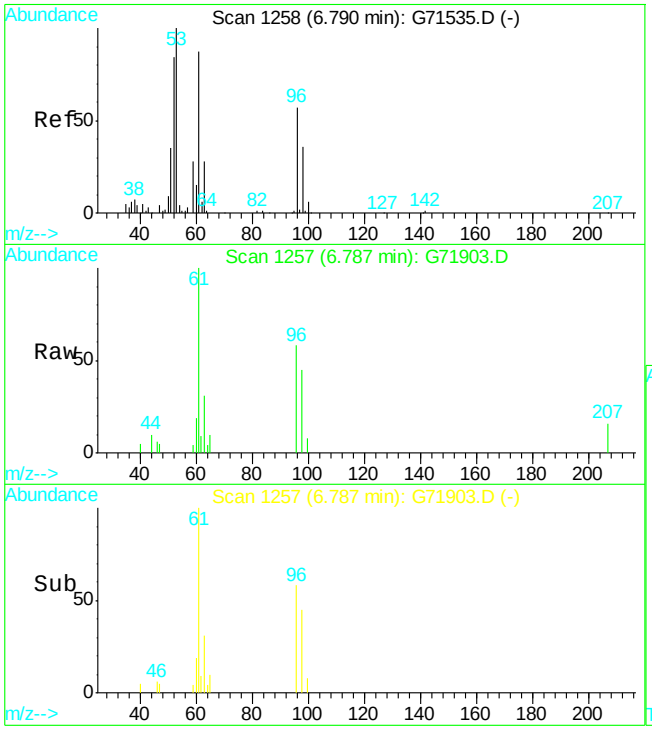


#7
vinyl chloride
Concen: 13.96 ppb
RT: 4.95 min Scan# 595
Delta R.T. -0.00 min
Lab File: G71903.D
Acq: 24 Jul 2007 2:53 pm

Tgt Ion: 62 Resp: 29016

Ion	Ratio	Lower	Upper
62	100		
64	31.9	2.0	62.0

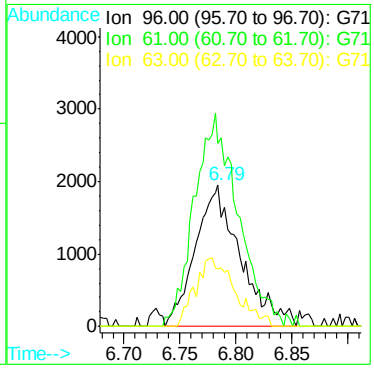


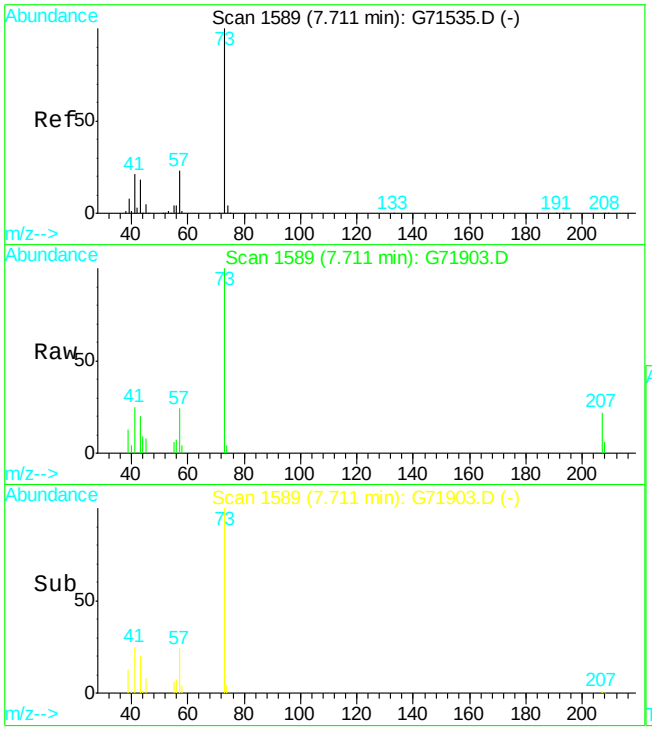


#15
1,1-dichloroethene
Concen: 2.79 ppb
RT: 6.79 min Scan# 1257
Delta R.T. -0.00 min
Lab File: G71903.D
Acq: 24 Jul 2007 2:53 pm

Tgt Ion: 96 Resp: 5457

Ion	Ratio	Lower	Upper
96	100		
61	164.1	121.4	181.4
63	53.2	18.9	78.9

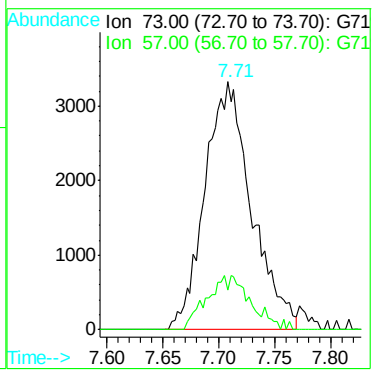


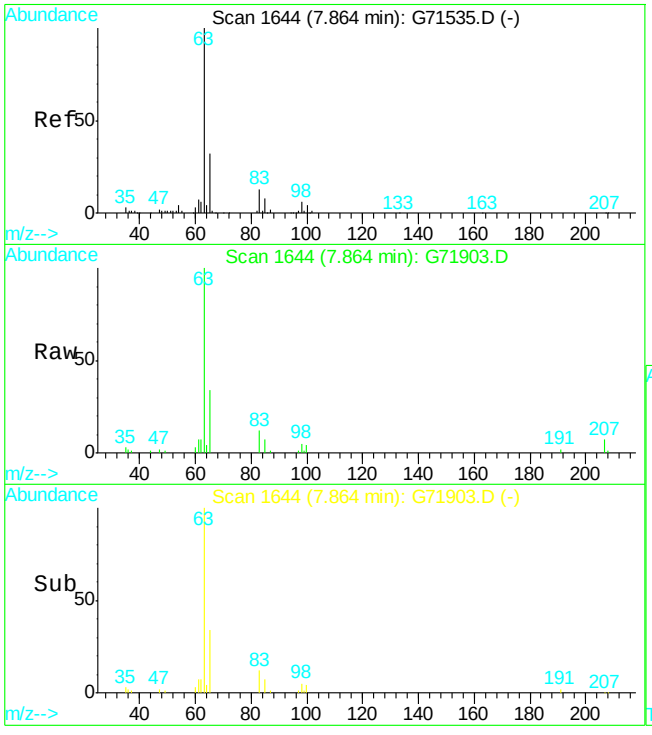


#19
methyl tert butyl ether
Concen: 1.51 ppb
RT: 7.71 min Scan# 1589
Delta R.T. 0.00 min
Lab File: G71903.D
Acq: 24 Jul 2007 2:53 pm

Tgt Ion: 73 Resp: 9632

Ion	Ratio	Lower	Upper
73	100		
57	23.7	0.0	52.8

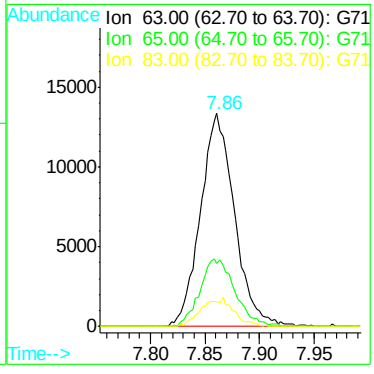


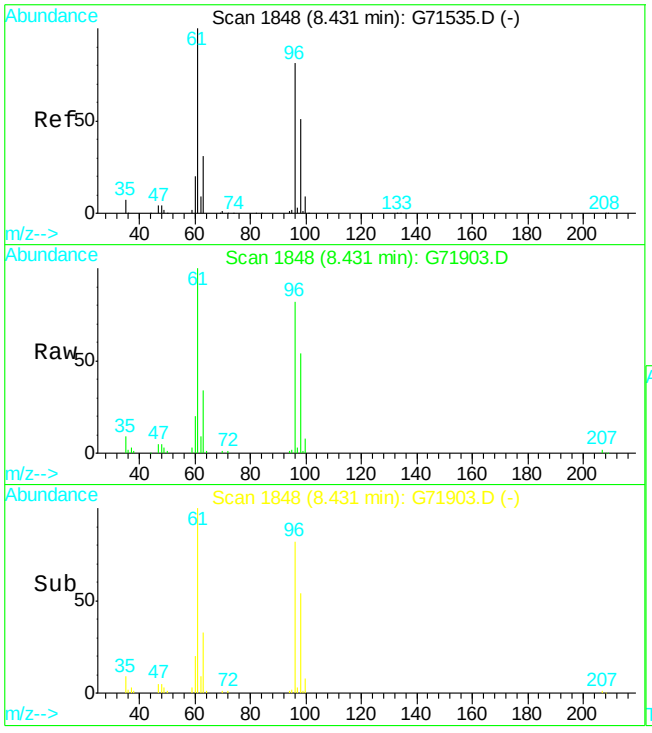


#32
1,1-dichloroethane
Concen: 7.74 ppb
RT: 7.86 min Scan# 1644
Delta R.T. -0.00 min
Lab File: G71903.D
Acq: 24 Jul 2007 2:53 pm

Tgt Ion: 63 Resp: 29057

Ion	Ratio	Lower	Upper
63	100		
65	34.3	2.2	62.2
83	12.4	0.0	42.8

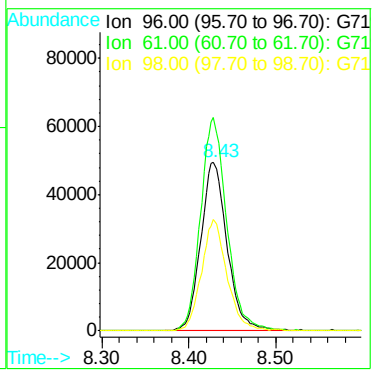


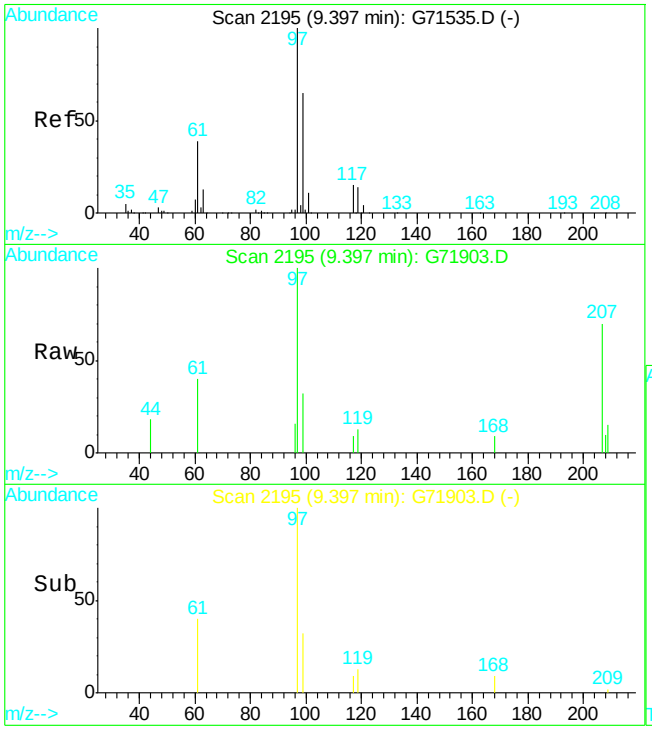


#36
cis-1,2-dichloroethene
Concen: 43.06 ppb
RT: 8.43 min Scan# 1848
Delta R.T. -0.00 min
Lab File: G71903.D
Acq: 24 Jul 2007 2:53 pm

Tgt Ion: 96 Resp: 104189

Ion	Ratio	Lower	Upper
96	100		
61	122.1	93.8	153.8
98	65.6	32.5	92.5

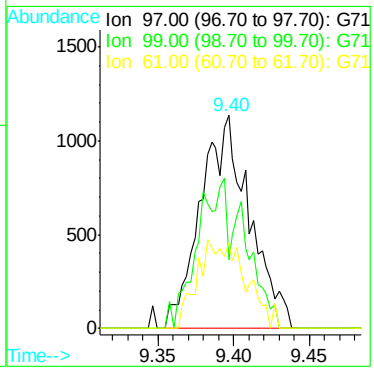


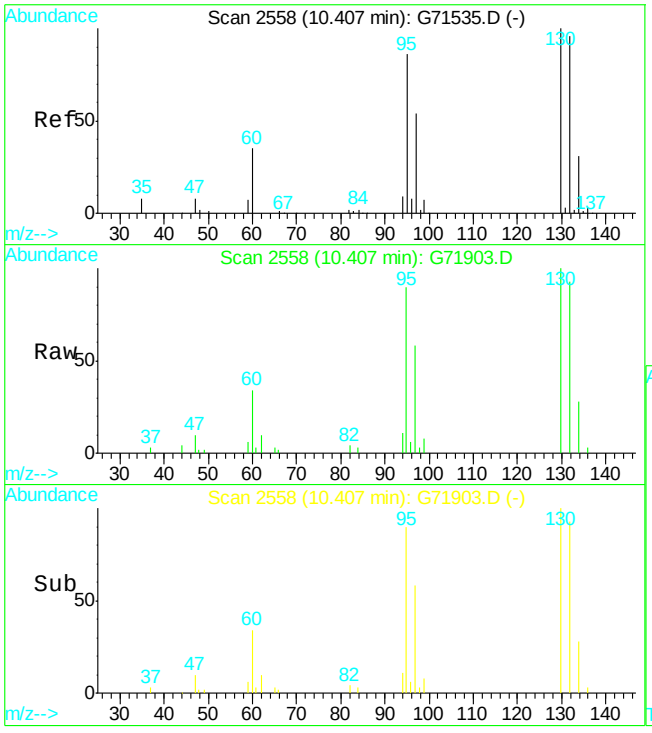


#42
1,1,1-trichloroethane
Concen: 0.83 ppb
RT: 9.40 min Scan# 2195
Delta R.T. -0.00 min
Lab File: G71903.D
Acq: 24 Jul 2007 2:53 pm

Tgt Ion: 97 Resp: 2572

Ion	Ratio	Lower	Upper
97	100		
99	32.4	35.1	95.1#
61	40.1	9.3	69.3

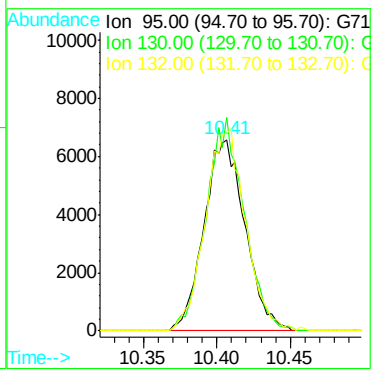


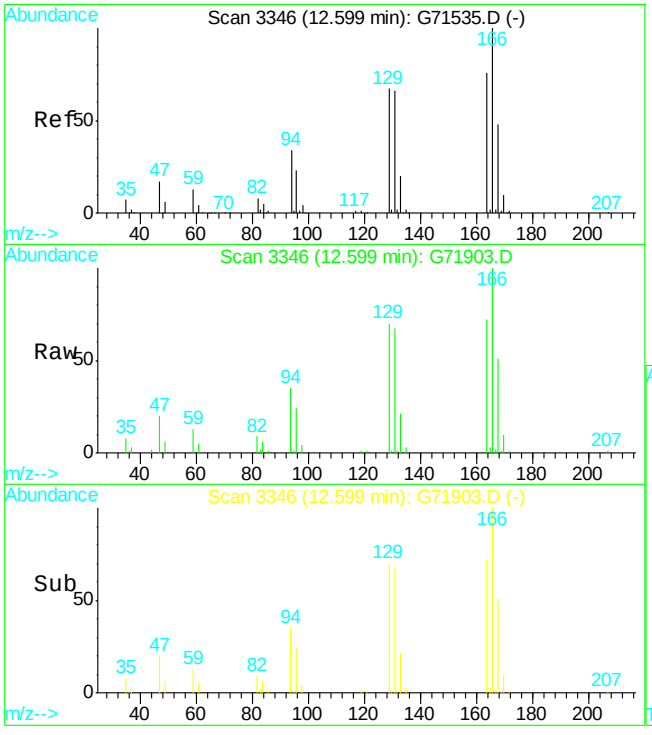


#51
trichloroethene
Concen: 5.59 ppb
RT: 10.41 min Scan# 2558
Delta R.T. -0.00 min
Lab File: G71903.D
Acq: 24 Jul 2007 2:53 pm

Tgt Ion: 95 Resp: 12764

Ion	Ratio	Lower	Upper
95	100		
130	111.5	80.2	140.2
132	103.1	76.3	136.3

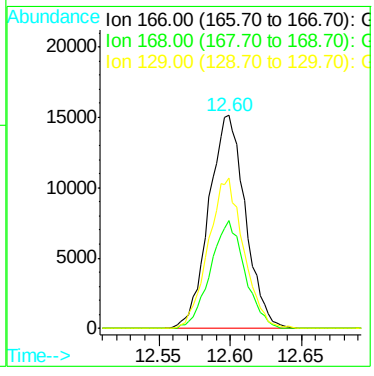




#67
tetrachloroethene
Concen: 12.19 ppb
RT: 12.60 min Scan# 3346
Delta R.T. -0.00 min
Lab File: G71903.D
Acq: 24 Jul 2007 2:53 pm

Tgt Ion:166 Resp: 27077

Ion	Ratio	Lower	Upper
166	100		
168	50.5	18.1	78.1
129	70.5	36.7	96.7



Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani 07/25/07 15:54

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71895.D Vial: 7
Acq On : 24 Jul 2007 11:20 am Operator: kimt
Sample : m66438-6 Inst : 5973 G
Misc : ms13993,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 16:51 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration
DataAcq Meth : G8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.75	65	5032	50.00	ppb	0.04
3) pentafluorobenzene	9.11	168	215326	50.00	ppb	0.00
43) 1,4-difluorobenzene	9.98	114	314150	50.00	ppb	0.00
66) chlorobenzene-d5	13.24	82	154860	50.00	ppb	0.00
80) 1,4-dichlorobenzene-d4	15.80	152	164591	50.00	ppb	0.00

System Monitoring Compounds

40) dibromofluoromethane (s)	8.76	113	97713	48.91	ppb	0.00
Spiked Amount 50.000	Range 83 - 127		Recovery = 97.82%			
60) toluene-d8 (s)	11.78	98	375547	48.02	ppb	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 96.04%			
82) bromofluorobenzene (s)	14.47	95	138158	47.12	ppb	0.00
Spiked Amount 50.000	Range 81 - 119		Recovery = 94.24%			

Target Compounds

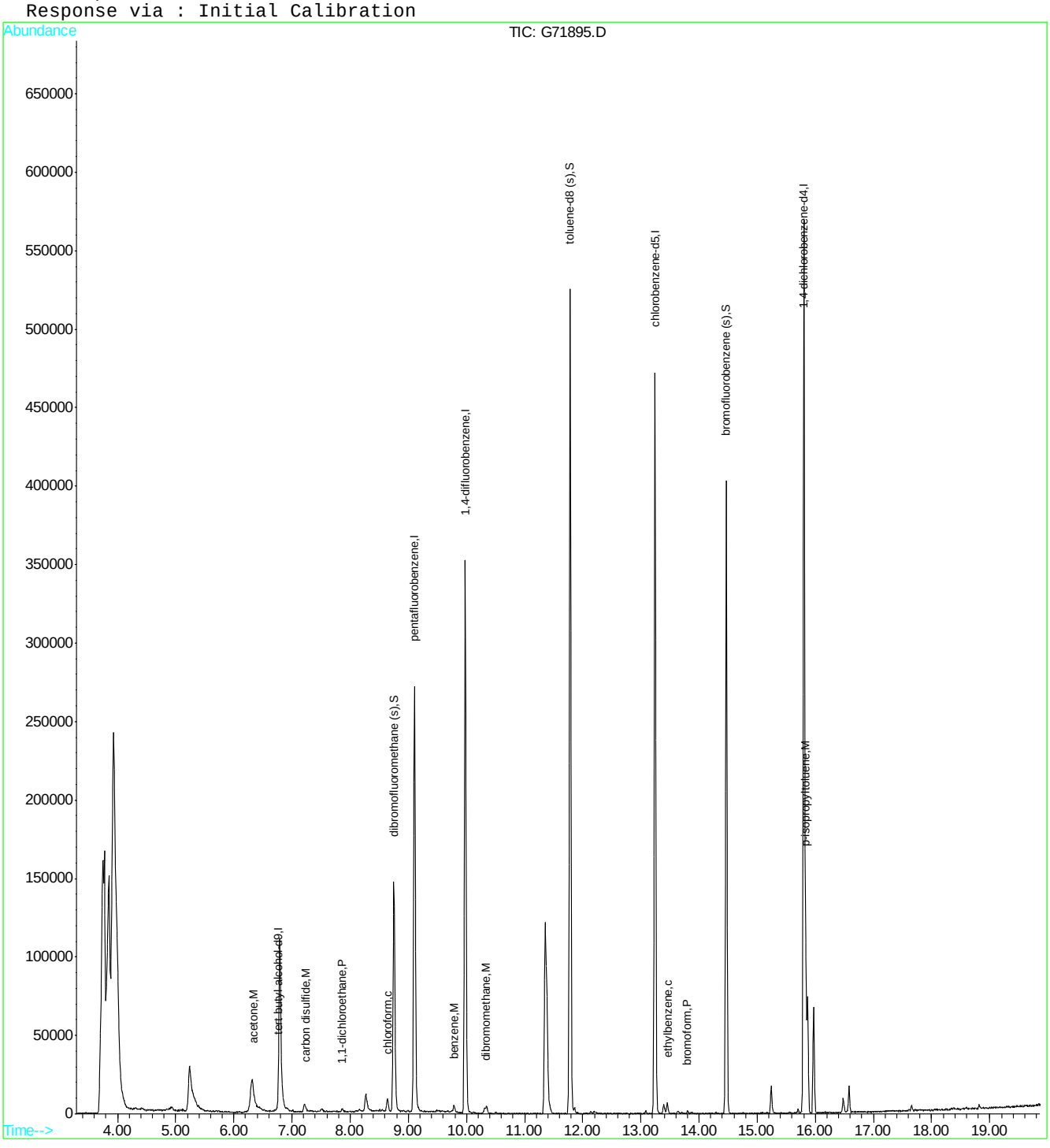
						Qvalue
16) acetone	6.34	43	58016m	75.48	ppb	
24) carbon disulfide	7.24	76	14105	2.08	ppb	98
32) 1,1-dichloroethane	7.86	63	2168	0.52	ppb	92
39) chloroform	8.64	83	3054	0.76	ppb	95
47) benzene	9.79	78	4683	0.52	ppb	98
53) dibromomethane	10.34	93	1302	0.89	ppb	89
74) ethylbenzene	13.46	91	6045	0.59	ppb	84
78) bromoform	13.80	173	999	0.57	ppb	95
94) p-isopropyltoluene	15.84	119	56798	5.89	ppb	98

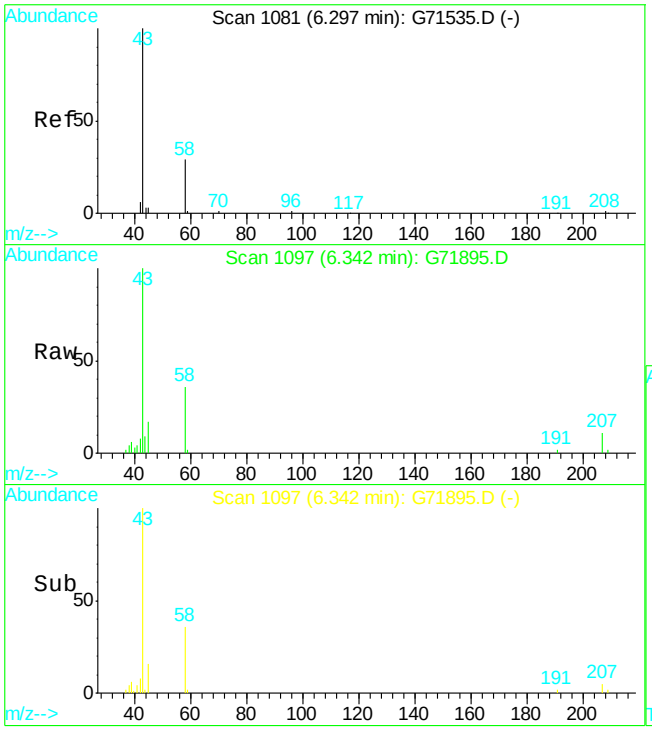
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\G71895.D Vial: 7
Acq On : 24 Jul 2007 11:20 am Operator: kimt
Sample : m66438-6 Inst : 5973 G
Misc : ms13993,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 16:51 2007 Quant Results File: G071007W.RES

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration

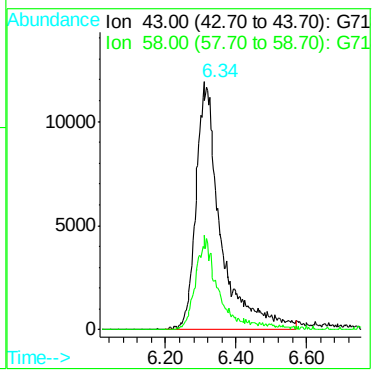


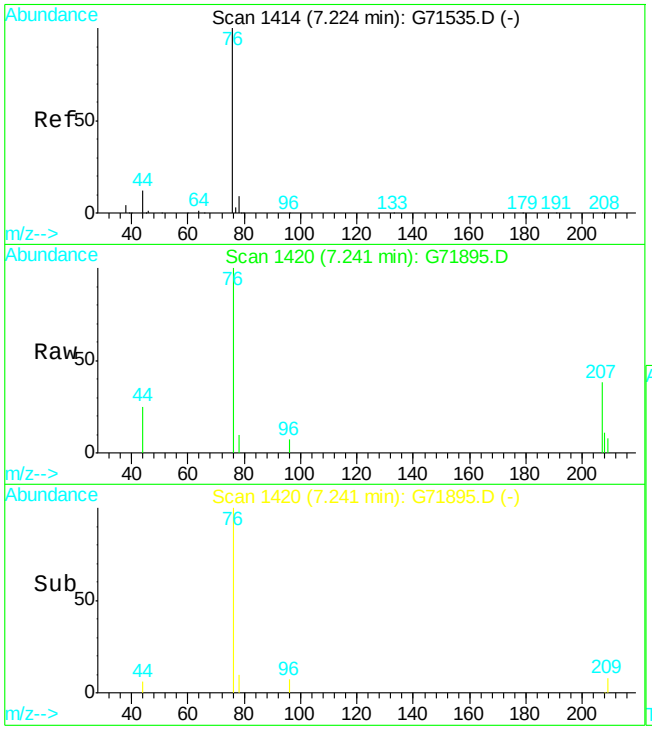


#16
acetone
Concen: 75.48 ppb m
RT: 6.34 min Scan# 1097
Delta R.T. 0.04 min
Lab File: G71895.D
Acq: 24 Jul 2007 11:20 am

Tgt Ion: 43 Resp: 58016

Ion	Ratio	Lower	Upper
43	100		
58	35.7	0.0	58.8

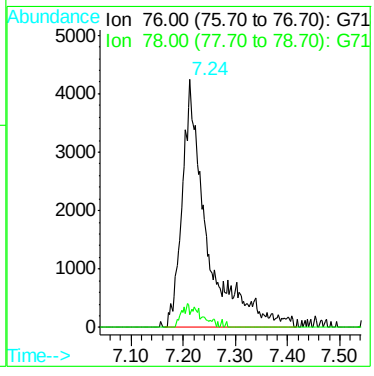


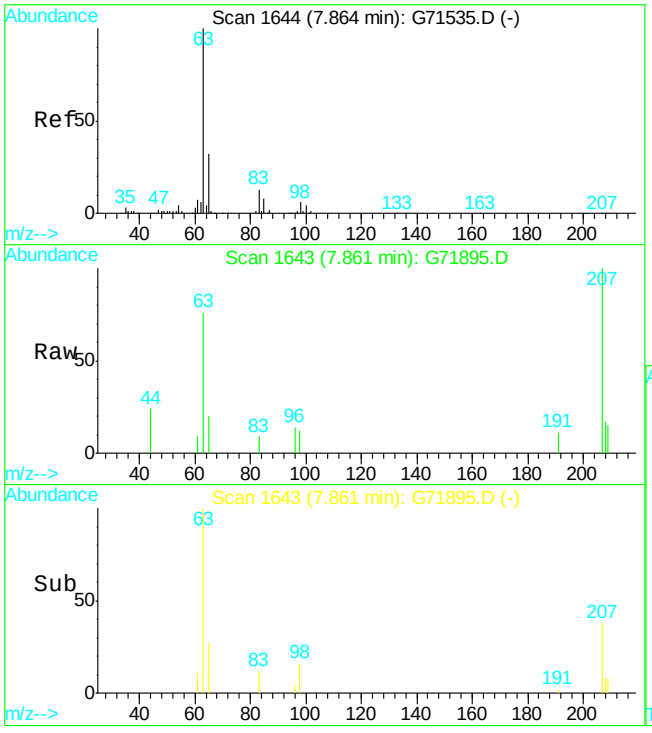


#24
carbon disulfide
Concen: 2.08 ppb
RT: 7.24 min Scan# 1420
Delta R.T. 0.02 min
Lab File: G71895.D
Acq: 24 Jul 2007 11:20 am

Tgt Ion: 76 Resp: 14105

Ion	Ratio	Lower	Upper
76	100		
78	10.2	0.0	39.3

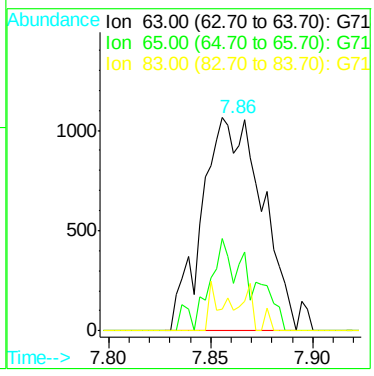


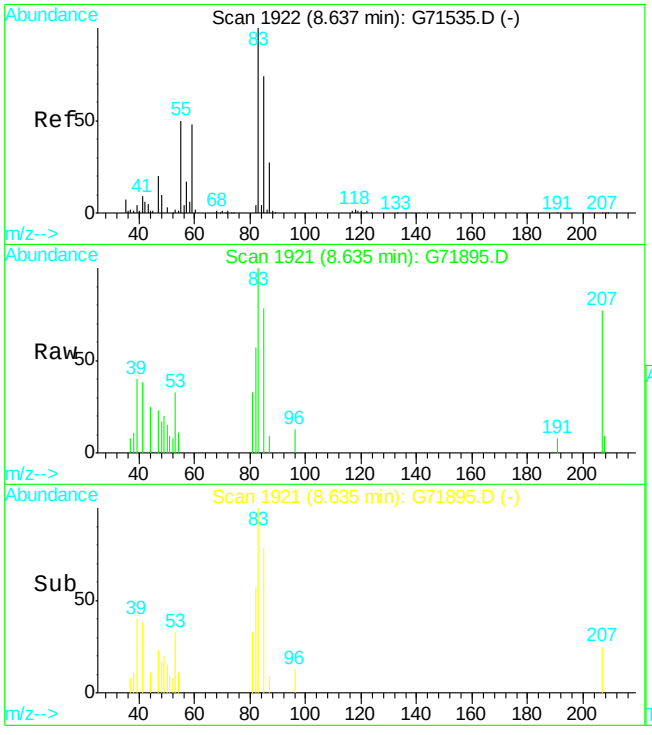


#32
1,1-dichloroethane
Concen: 0.52 ppb
RT: 7.86 min Scan# 1643
Delta R.T. -0.00 min
Lab File: G71895.D
Acq: 24 Jul 2007 11:20 am

Tgt Ion: 63 Resp: 2168

Ion	Ratio	Lower	Upper
63	100		
65	26.6	2.2	62.2
83	11.6	0.0	42.8

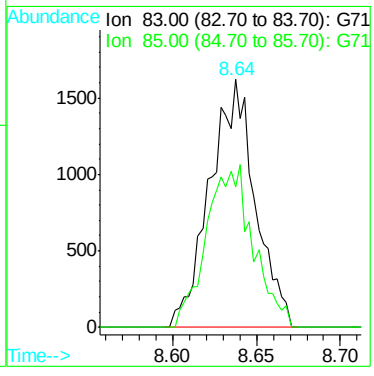


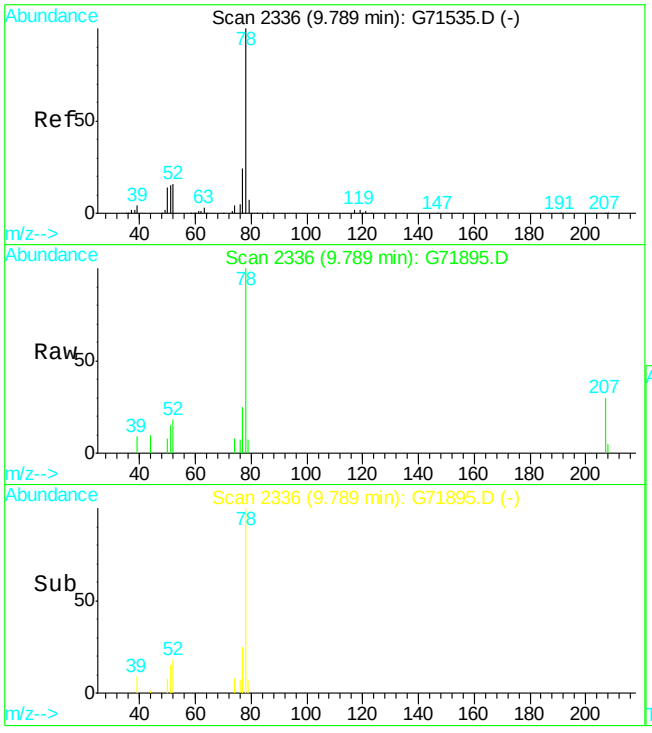


#39
chloroform
Concen: 0.76 ppb
RT: 8.64 min Scan# 1921
Delta R.T. -0.00 min
Lab File: G71895.D
Acq: 24 Jul 2007 11:20 am

Tgt Ion: 83 Resp: 3054

Ion	Ratio	Lower	Upper
83	100		
85	78.3	44.2	104.2

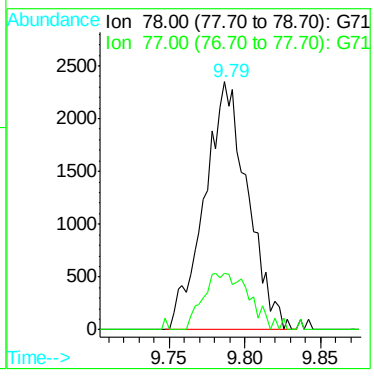


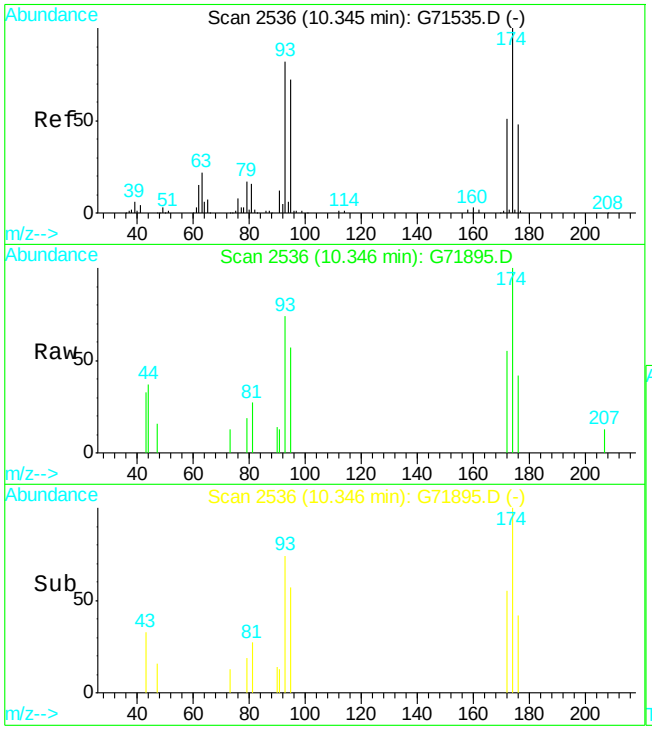


#47
benzene
Concen: 0.52 ppb
RT: 9.79 min Scan# 2336
Delta R.T. -0.00 min
Lab File: G71895.D
Acq: 24 Jul 2007 11:20 am

Tgt Ion: 78 Resp: 4683

Ion	Ratio	Lower	Upper
78	100		
77	24.9	0.0	53.9

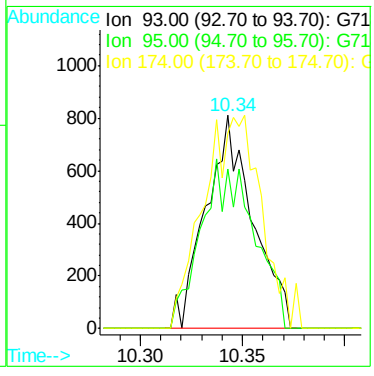


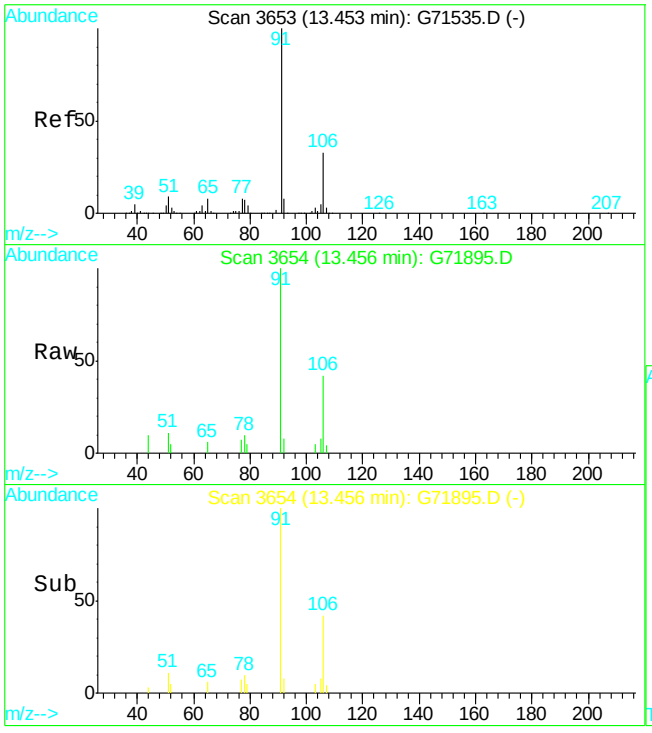


#53
dibromomethane
Concen: 0.89 ppb
RT: 10.34 min Scan# 2536
Delta R.T. -0.00 min
Lab File: G71895.D
Acq: 24 Jul 2007 11:20 am

Tgt Ion: 93 Resp: 1302

Ion	Ratio	Lower	Upper
93	100		
95	77.2	56.8	116.8
174	134.7	91.4	151.4

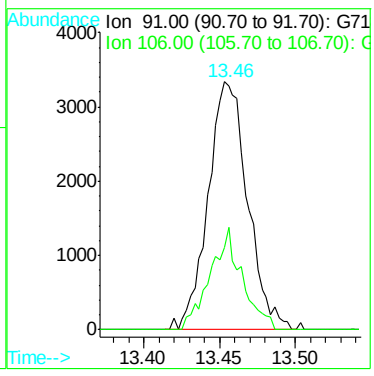


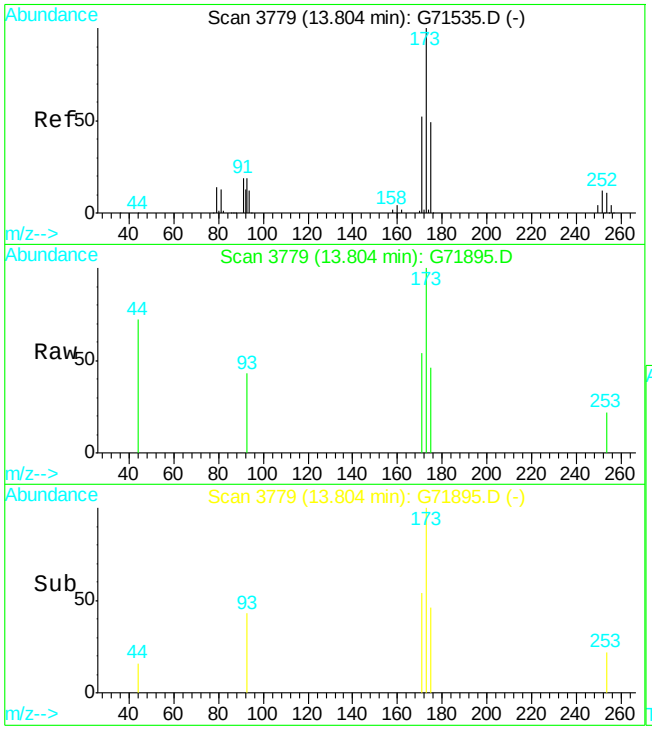


#74
ethylbenzene
Concen: 0.59 ppb
RT: 13.46 min Scan# 3654
Delta R.T. 0.00 min
Lab File: G71895.D
Acq: 24 Jul 2007 11:20 am

Tgt Ion: 91 Resp: 6045

Ion	Ratio	Lower	Upper
91	100		
106	41.8	2.7	62.7

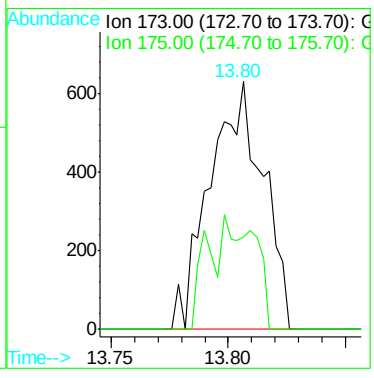


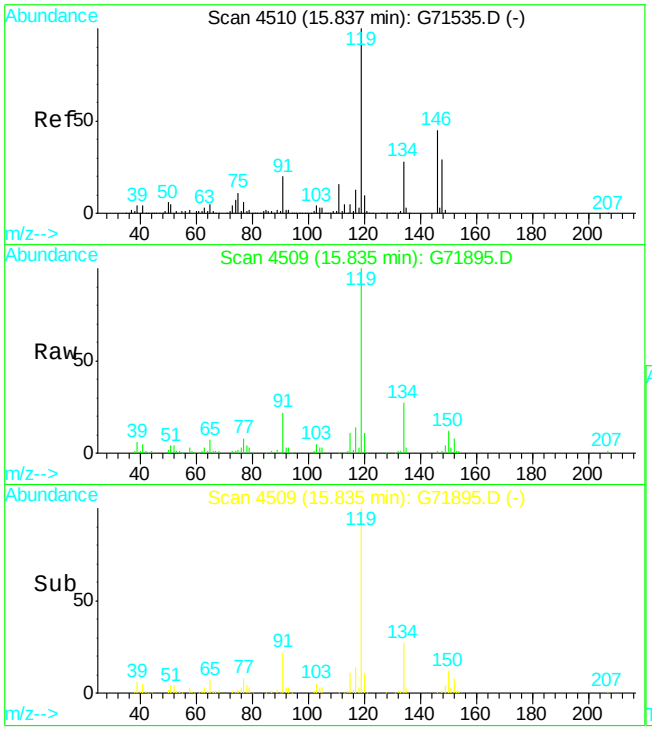


#78
bromoform
Concen: 0.57 ppb
RT: 13.80 min Scan# 3779
Delta R.T. -0.00 min
Lab File: G71895.D
Acq: 24 Jul 2007 11:20 am

Tgt Ion:173 Resp: 999

Ion	Ratio	Lower	Upper
173	100		
175	45.8	19.1	79.1

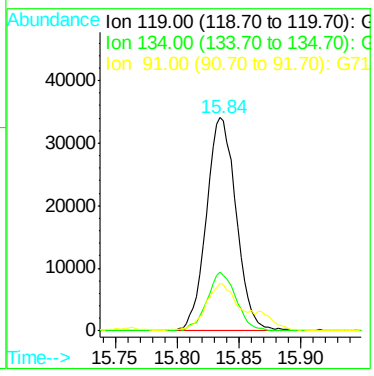




#94
p-isopropyltoluene
Concen: 5.89 ppb
RT: 15.84 min Scan# 4509
Delta R.T. -0.00 min
Lab File: G71895.D
Acq: 24 Jul 2007 11:20 am

Tgt Ion:119 Resp: 56798

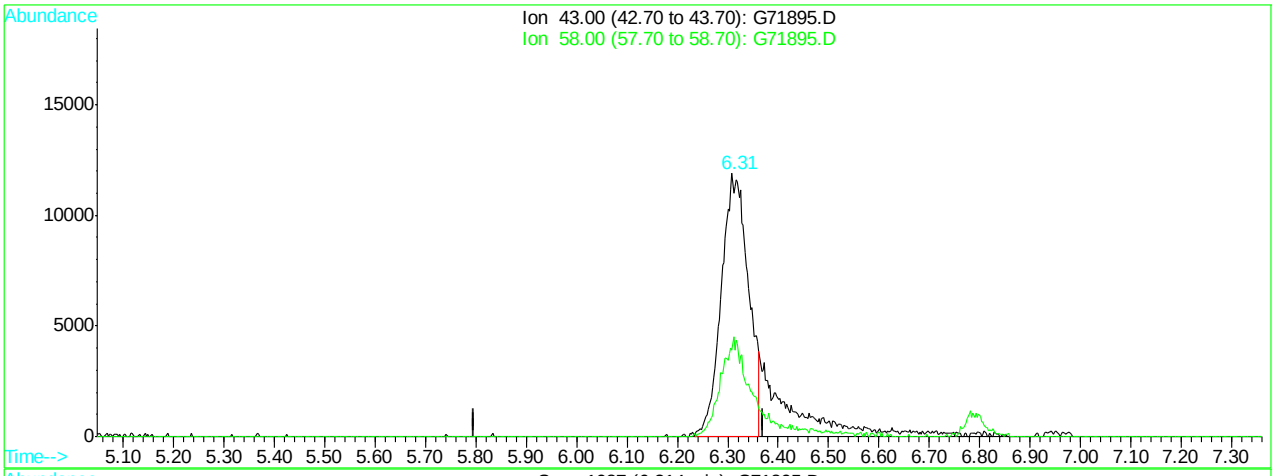
Ion	Ratio	Lower	Upper
119	100		
134	27.3	0.0	57.7
91	22.1	0.0	50.2

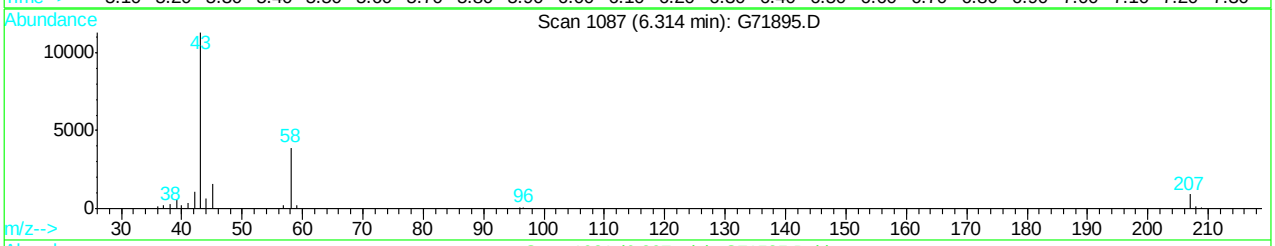


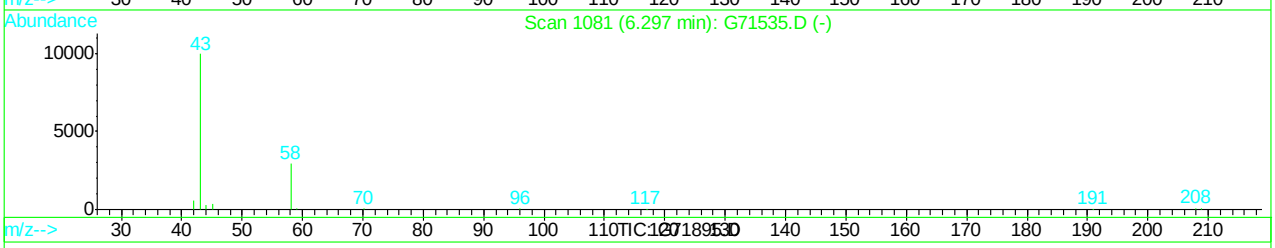
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71895.D Vial: 7
Acq On : 24 Jul 2007 11:20 am Operator: kimt
Sample : m66438-6 Inst : 5973 G
Misc : ms13993,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 16:49 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration







(16) acetone (M)

6.31min 57.73ppb

response 44376

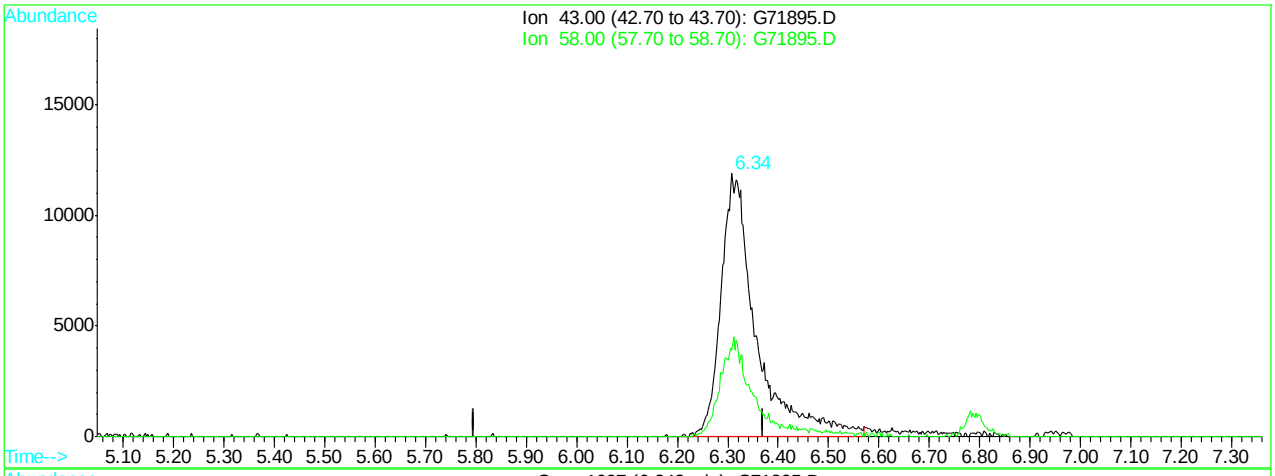
Ion	Exp%	Act%
43.00	100	100
58.00	28.80	33.18
0.00	0.00	0.00
0.00	0.00	0.00

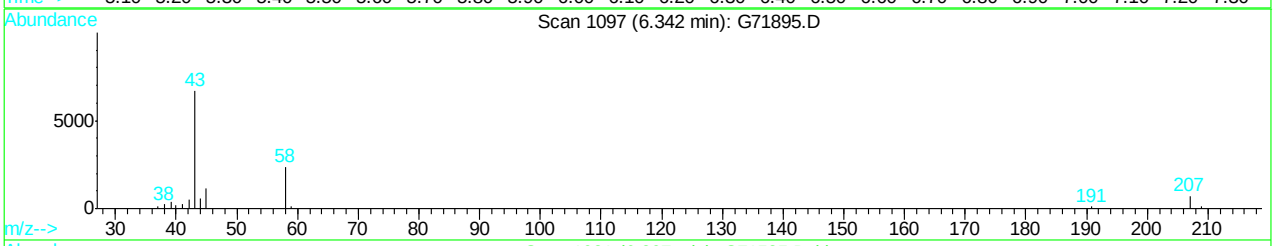
G71895.D G071007W.M Tue Jul 24 16:49:54 2007 RP1

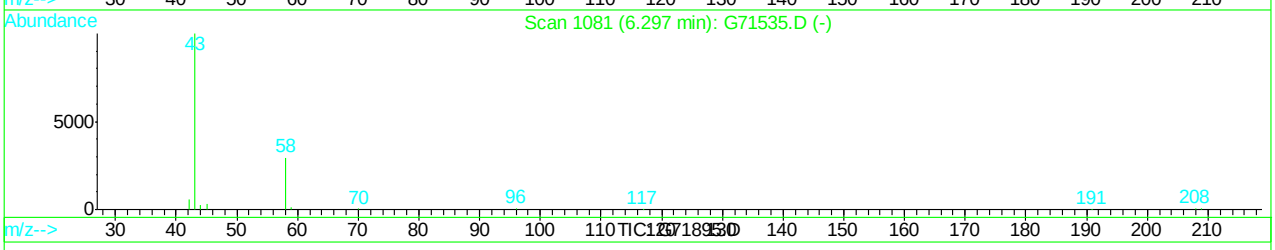
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71895.D Vial: 7
Acq On : 24 Jul 2007 11:20 am Operator: kimt
Sample : m66438-6 Inst : 5973 G
Misc : ms13993,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 16:49 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration







(16) acetone (M)

6.34min 75.48ppb m

response 58016

Ion	Exp%	Act%
43.00	100	100
58.00	28.80	35.74
0.00	0.00	0.00
0.00	0.00	0.00

G71895.D G071007W.M Tue Jul 24 16:50:02 2007 RP1

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
07/24/07 14:00

Quantitation Report (QT Reviewed)

```
Data File : C:\HPCHEM\1\DATA\G71860.D                    Vial: 10
Acq On    : 23 Jul 2007   8:02 pm                     Operator: kimt
Sample    : m66438-7                                  Inst    : 5973 G
Misc      : ms13993,msg2884,,,,5,1                    Multiplr: 1.00
MS Integration Params: RTEINT.P
 Quant Time: Jul 24  9:04 2007              Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title        : SW-846 Method 8260
Last Update  : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration
DataAcq Meth : G8260
```

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.75	65	5377m	50.00	ppb	0.04
3) pentafluorobenzene	9.11	168	176498	50.00	ppb	0.00
43) 1,4-difluorobenzene	9.98	114	263885	50.00	ppb	0.00
66) chlorobenzene-d5	13.24	82	135237	50.00	ppb	0.00
80) 1,4-dichlorobenzene-d4	15.80	152	134917	50.00	ppb	0.00

System Monitoring Compounds

40) dibromofluoromethane (s)	8.76	113	83115	50.75	ppb	0.00
Spiked Amount 50.000	Range 83 - 127		Recovery = 101.50%			
60) toluene-d8 (s)	11.78	98	317438	48.32	ppb	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 96.64%			
82) bromofluorobenzene (s)	14.47	95	118522	49.31	ppb	0.00
Spiked Amount 50.000	Range 81 - 119		Recovery = 98.62%			

Target Compounds Qvalue

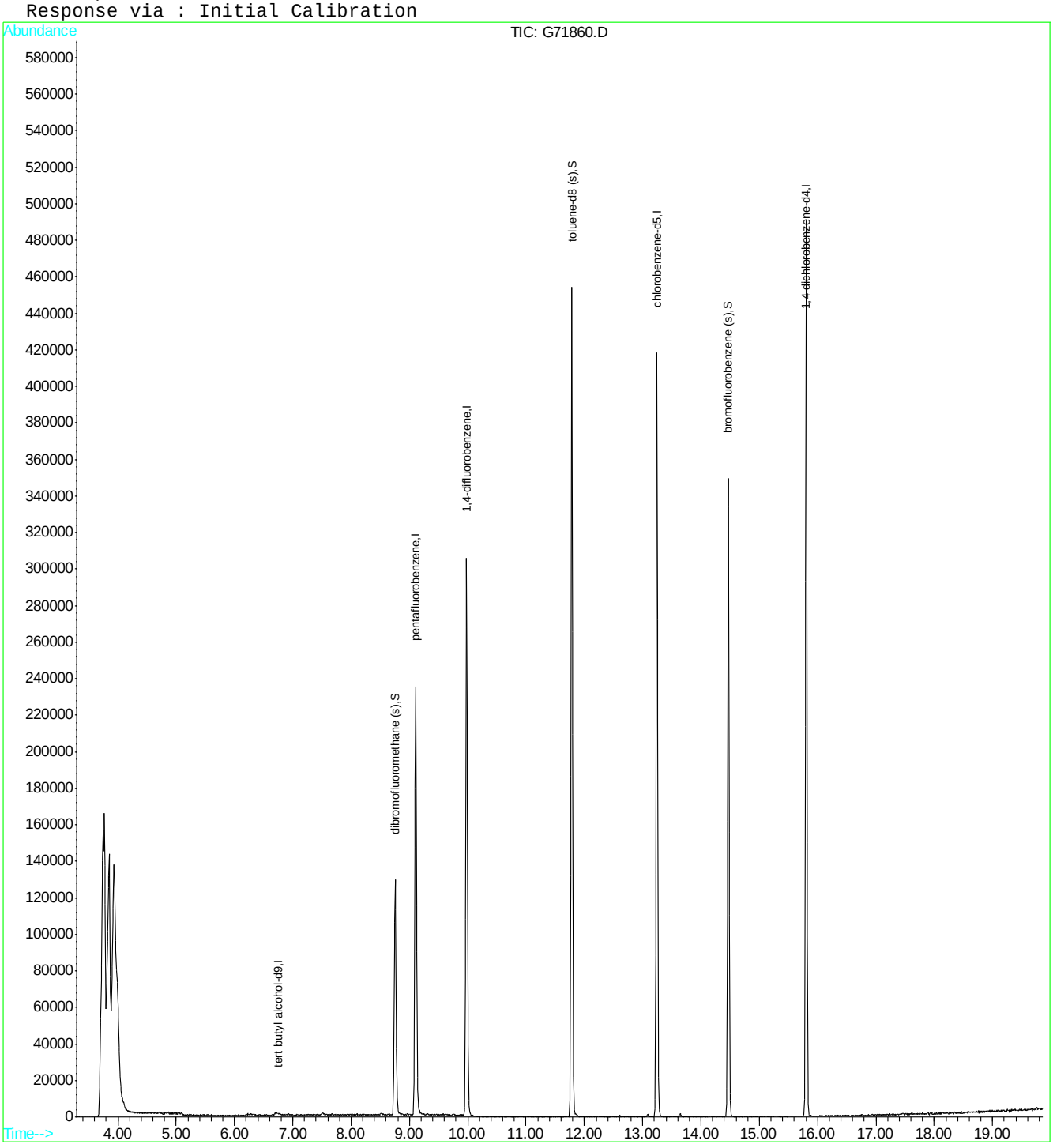
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\G71860.D
Acq On : 23 Jul 2007 8:02 pm
Sample : m66438-7
Misc : ms13993,msg2884,,,,5,1
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:04 2007

Vial: 10
Operator: kimt
Inst : 5973 G
Multiplr: 1.00
Quant Results File: G071007W.RES

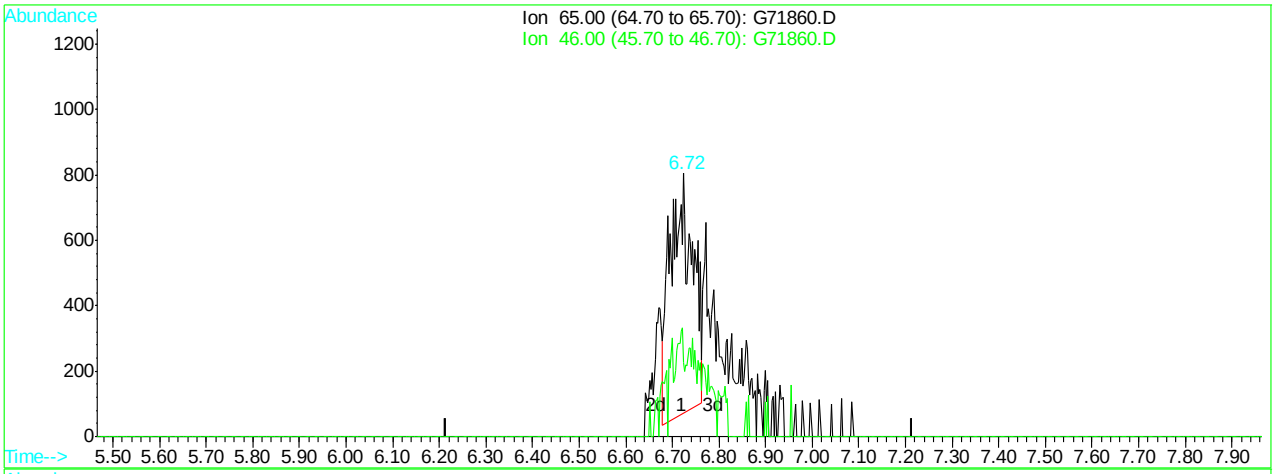
Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration

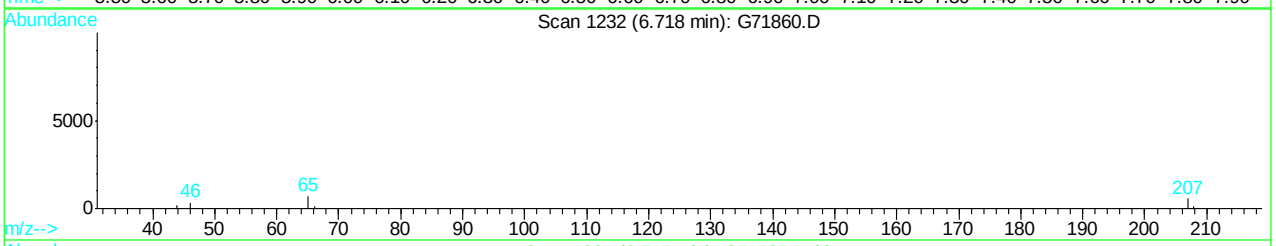


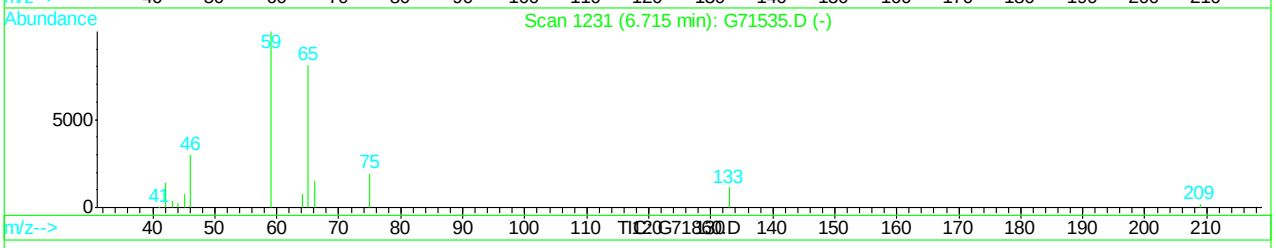
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71860.D Vial: 10
Acq On : 23 Jul 2007 8:02 pm Operator: kimt
Sample : m66438-7 Inst : 5973 G
Misc : ms13993,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 7:59 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration







(1) tert butyl alcohol-d9 (I)

6.72min 50.00ppb

response 2449

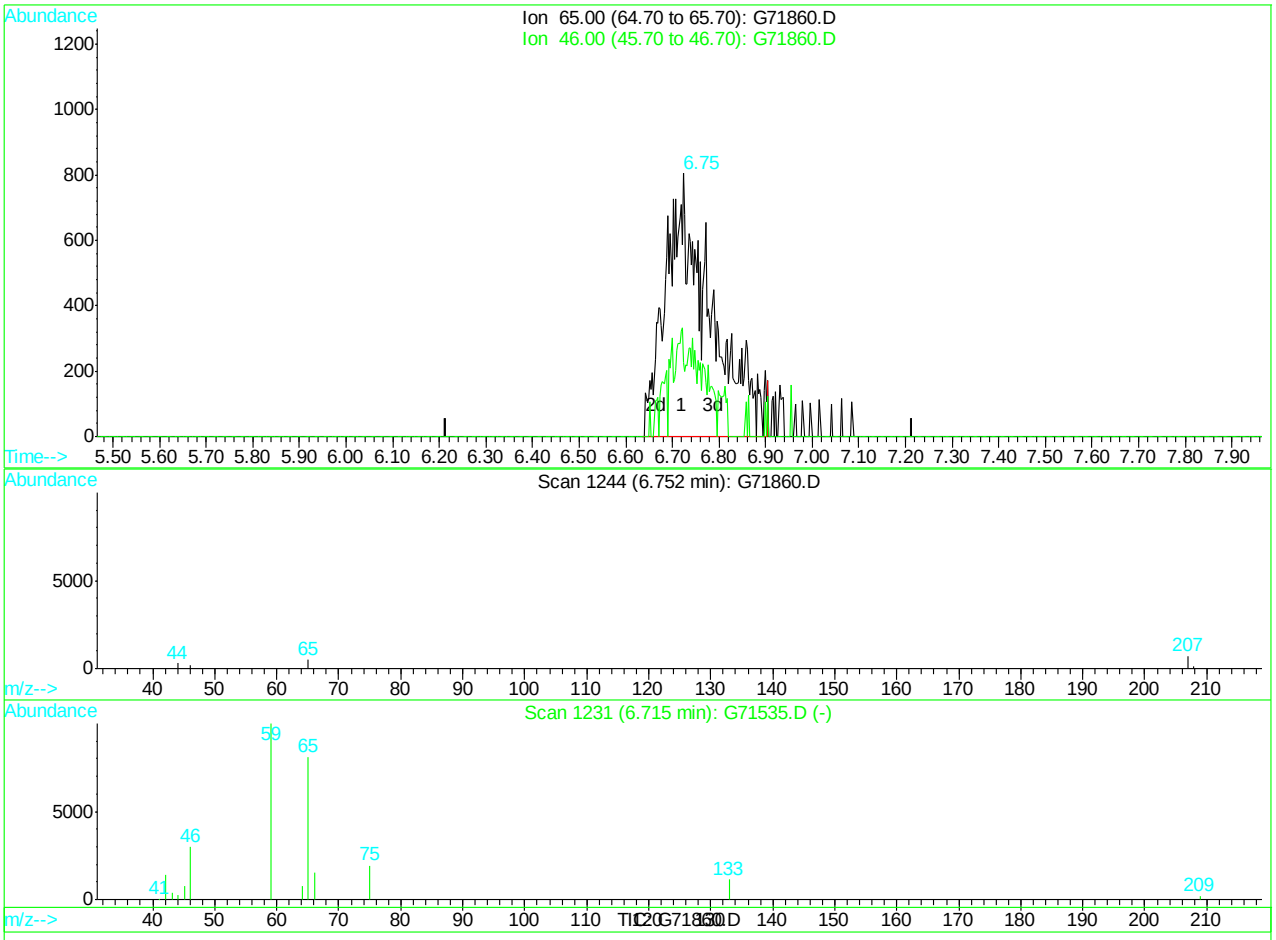
Ion	Exp%	Act%
65.00	100	100
46.00	36.90	37.68
0.00	0.00	0.00
0.00	0.00	0.00

G71860.D G071007W.M Tue Jul 24 09:04:05 2007 RP1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71860.D Vial: 10
Acq On : 23 Jul 2007 8:02 pm Operator: kimt
Sample : m66438-7 Inst : 5973 G
Misc : ms13993,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:04 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration



(1) tert butyl alcohol-d9 (I)

6.75min 50.00ppb m

response 5377

Ion	Exp%	Act%
65.00	100	100
46.00	36.90	32.34
0.00	0.00	0.00
0.00	0.00	0.00

G71860.D G071007W.M Tue Jul 24 09:04:16 2007 RP1

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71861.D Vial: 11
Acq On : 23 Jul 2007 8:28 pm Operator: kimt
Sample : m66438-8 Inst : 5973 G
Misc : ms13993,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:07 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration
DataAcq Meth : G8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.73	65	4383	50.00	ppb	0.01
3) pentafluorobenzene	9.11	168	179886	50.00	ppb	0.00
43) 1,4-difluorobenzene	9.98	114	274127	50.00	ppb	0.00
66) chlorobenzene-d5	13.24	82	128974	50.00	ppb	0.00
80) 1,4-dichlorobenzene-d4	15.80	152	131459	50.00	ppb	0.00

System Monitoring Compounds

40) dibromofluoromethane (s)	8.76	113	84931	50.89	ppb	0.00
Spiked Amount 50.000	Range 83 - 127		Recovery = 101.78%			
60) toluene-d8 (s)	11.78	98	326625	47.86	ppb	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 95.72%			
82) bromofluorobenzene (s)	14.47	95	115843	49.47	ppb	0.00
Spiked Amount 50.000	Range 81 - 119		Recovery = 98.94%			

Target Compounds

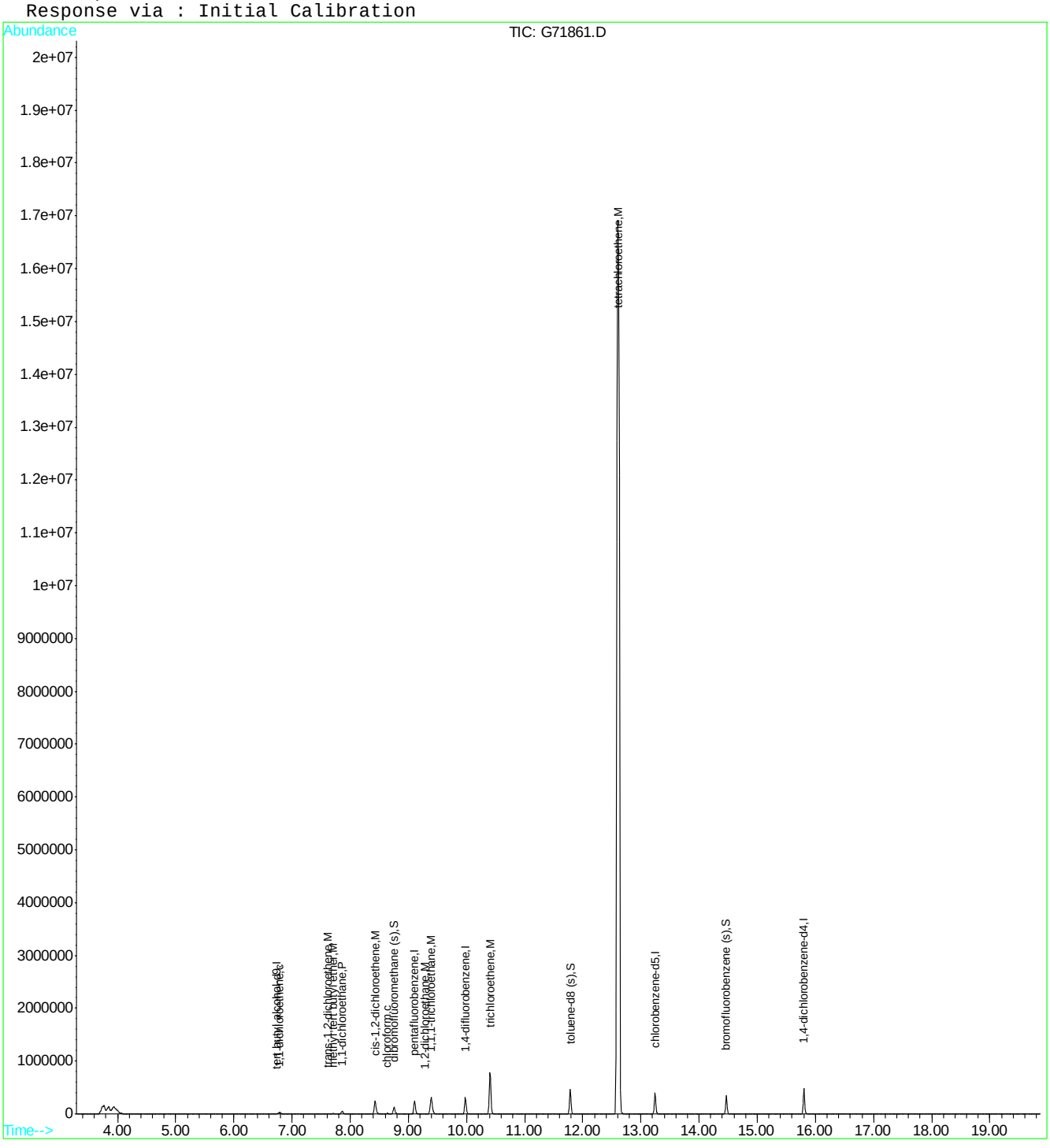
						Qvalue
15) 1,1-dichloroethene	6.79	96	18451	10.53	ppb	97
19) methyl tert butyl ether	7.71	73	10779	1.83	ppb	95
22) trans-1,2-dichloroethene	7.61	96	2932	1.55	ppb	88
32) 1,1-dichloroethane	7.86	63	58353	16.81	ppb	98
36) cis-1,2-dichloroethene	8.43	96	126007	56.31	ppb	92
39) chloroform	8.64	83	9112	2.70	ppb	84
42) 1,1,1-trichloroethane	9.40	97	254740	89.15	ppb	97
48) 1,2-dichloroethane	9.28	62	1083	0.43	ppb	80
51) trichloroethene	10.41	95	262598	120.48	ppb	97
67) tetrachloroethene	12.61	166	9331306	4698.76	ppb	92

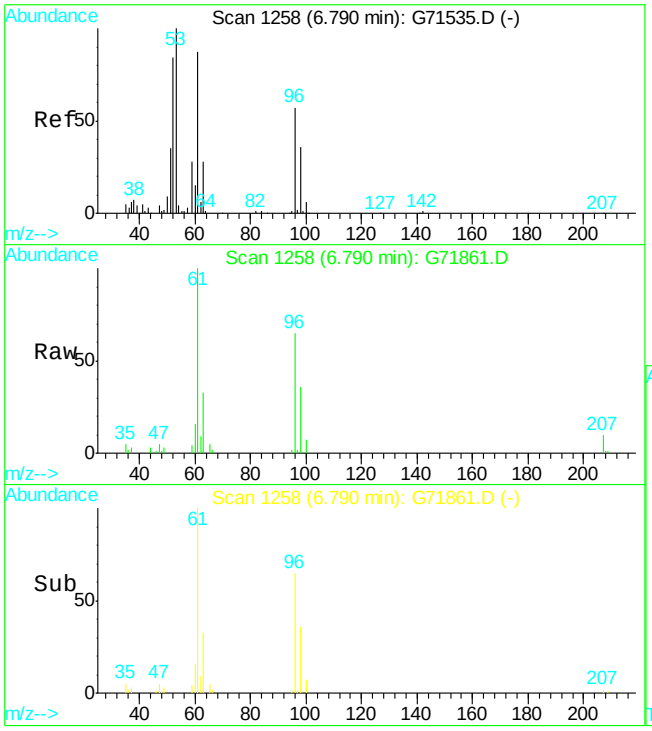
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\G71861.D Vial: 11
Acq On : 23 Jul 2007 8:28 pm Operator: kimt
Sample : m66438-8 Inst : 5973 G
Misc : ms13993,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:07 2007 Quant Results File: G071007W.RES

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration

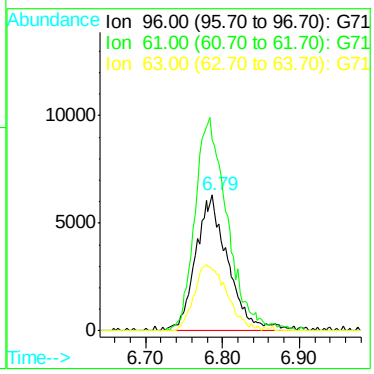


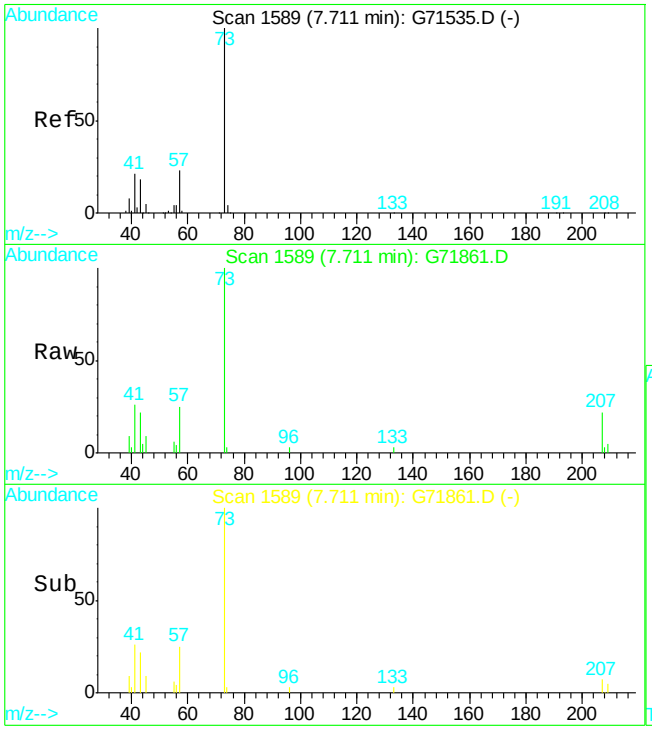


#15
1,1-dichloroethene
Concen: 10.53 ppb
RT: 6.79 min Scan# 1258
Delta R.T. 0.00 min
Lab File: G71861.D
Acq: 23 Jul 2007 8:28 pm

Tgt Ion: 96 Resp: 18451

Ion	Ratio	Lower	Upper
96	100		
61	154.6	121.4	181.4
63	51.3	18.9	78.9

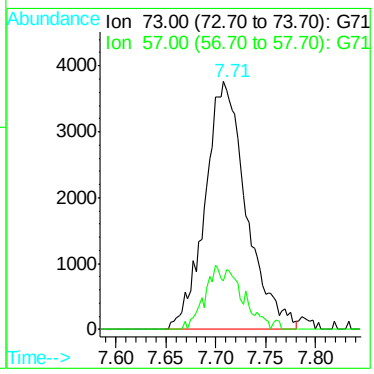


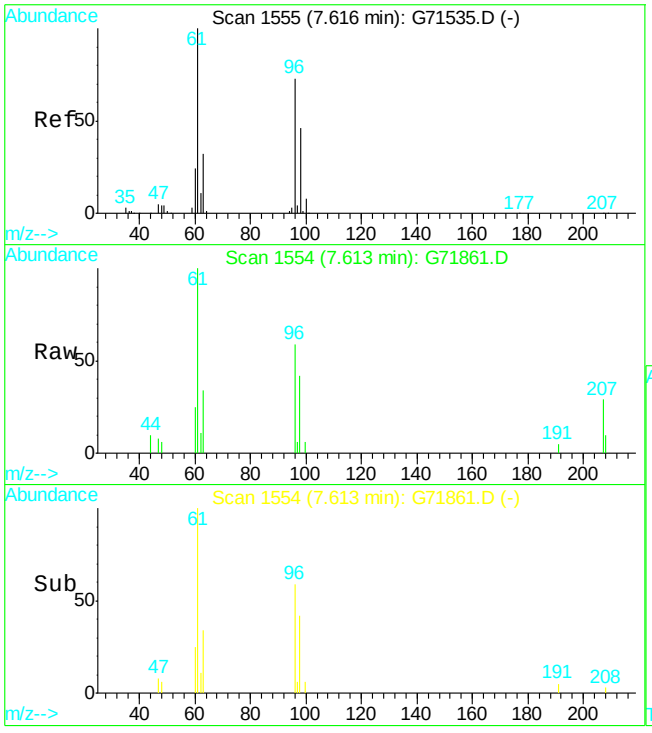


#19
methyl tert butyl ether
Concen: 1.83 ppb
RT: 7.71 min Scan# 1589
Delta R.T. 0.00 min
Lab File: G71861.D
Acq: 23 Jul 2007 8:28 pm

Tgt Ion: 73 Resp: 10779

Ion	Ratio	Lower	Upper
73	100		
57	25.0	0.0	52.8

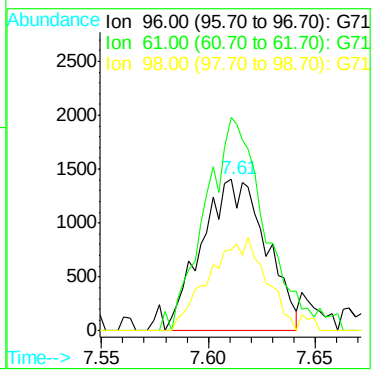


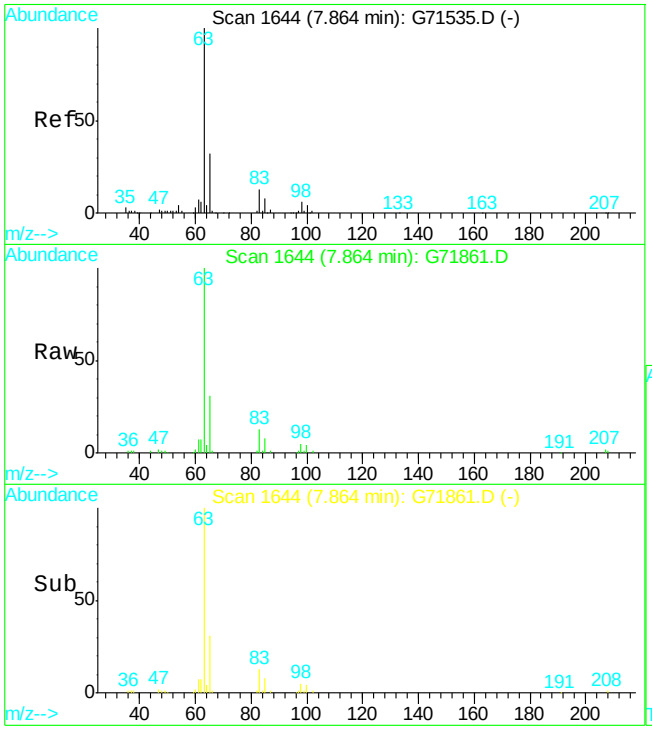


#22
trans-1,2-dichloroethene
Concen: 1.55 ppb
RT: 7.61 min Scan# 1554
Delta R.T. -0.00 min
Lab File: G71861.D
Acq: 23 Jul 2007 8:28 pm

Tgt Ion: 96 Resp: 2932

Ion	Ratio	Lower	Upper
96	100		
61	152.3	107.6	167.6
98	71.0	33.2	93.2

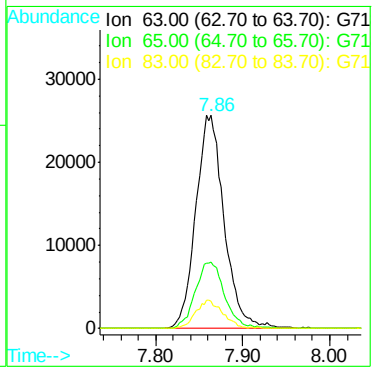


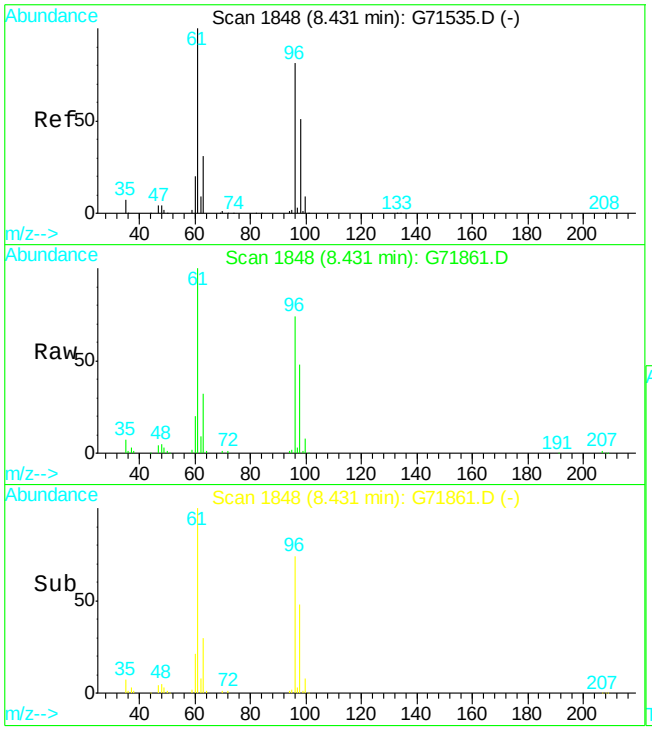


#32
1,1-dichloroethane
Concen: 16.81 ppb
RT: 7.86 min Scan# 1644
Delta R.T. -0.00 min
Lab File: G71861.D
Acq: 23 Jul 2007 8:28 pm

Tgt Ion: 63 Resp: 58353

Ion	Ratio	Lower	Upper
63	100		
65	31.0	2.2	62.2
83	12.8	0.0	42.8

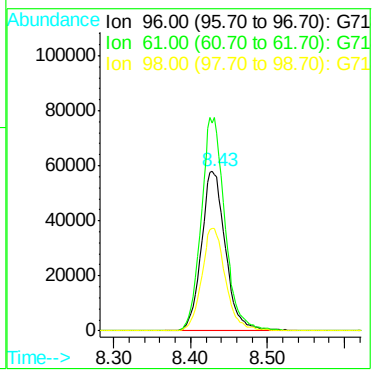


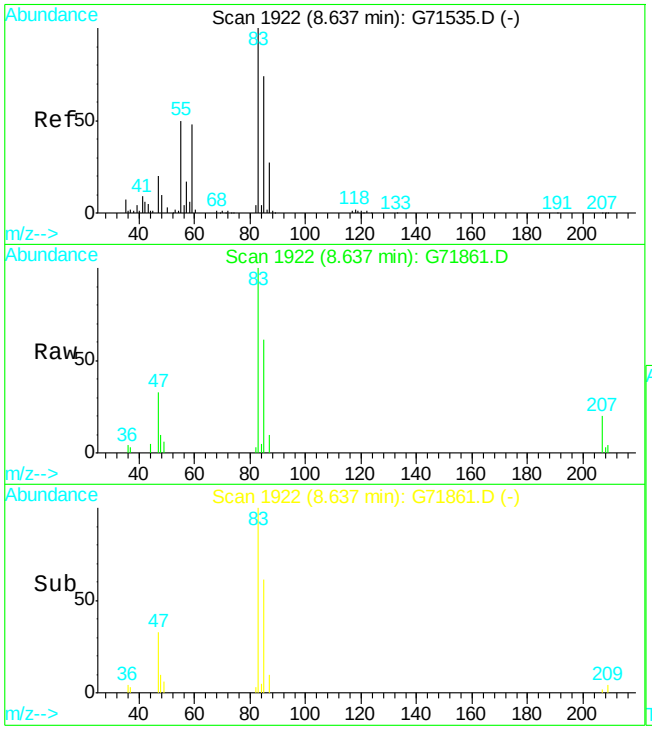


#36
cis-1,2-dichloroethene
Concen: 56.31 ppb
RT: 8.43 min Scan# 1848
Delta R.T. -0.00 min
Lab File: G71861.D
Acq: 23 Jul 2007 8:28 pm

Tgt Ion: 96 Resp: 126007

Ion	Ratio	Lower	Upper
96	100		
61	136.0	93.8	153.8
98	65.5	32.5	92.5

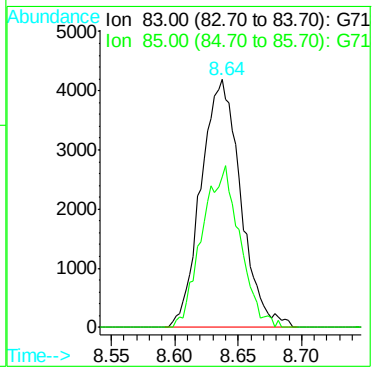


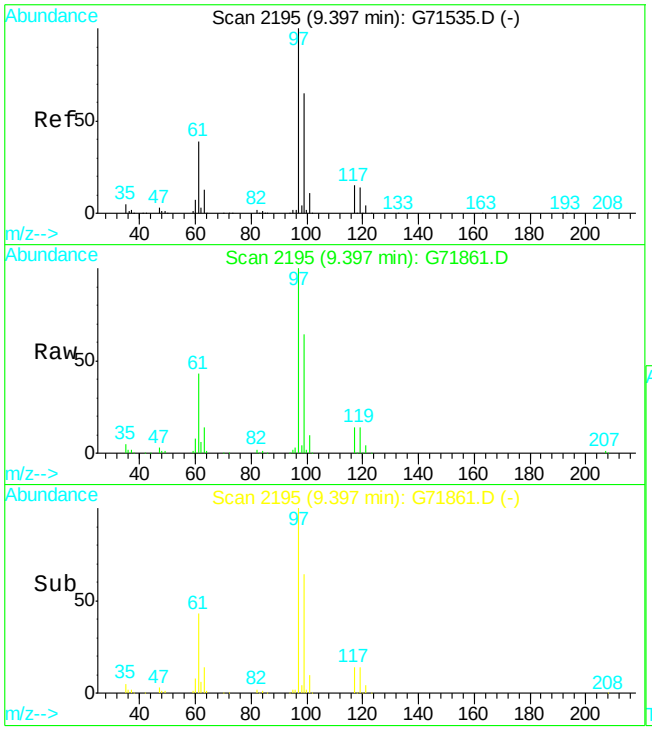


#39
chloroform
Concen: 2.70 ppb
RT: 8.64 min Scan# 1922
Delta R.T. 0.00 min
Lab File: G71861.D
Acq: 23 Jul 2007 8:28 pm

Tgt Ion: 83 Resp: 9112

Ion	Ratio	Lower	Upper
83	100		
85	60.6	44.2	104.2

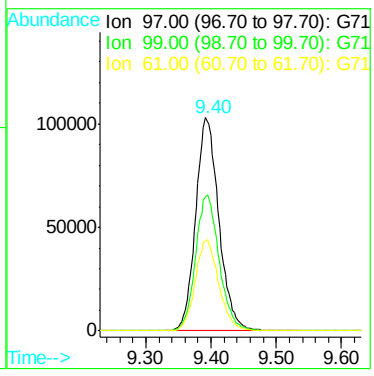


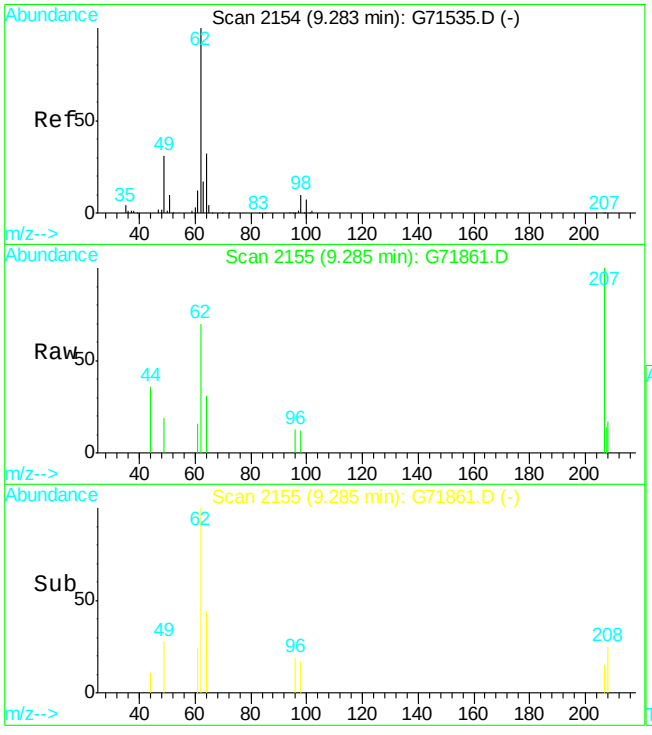


#42
1,1,1-trichloroethane
Concen: 89.15 ppb
RT: 9.40 min Scan# 2195
Delta R.T. -0.00 min
Lab File: G71861.D
Acq: 23 Jul 2007 8:28 pm

Tgt Ion: 97 Resp: 254740

Ion	Ratio	Lower	Upper
97	100		
99	64.3	35.1	95.1
61	42.6	9.3	69.3

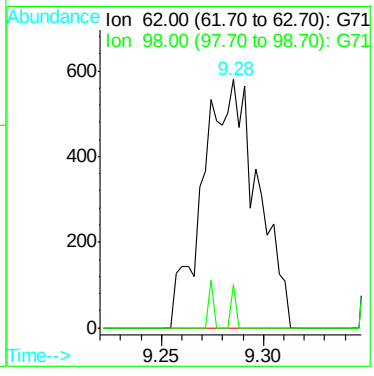


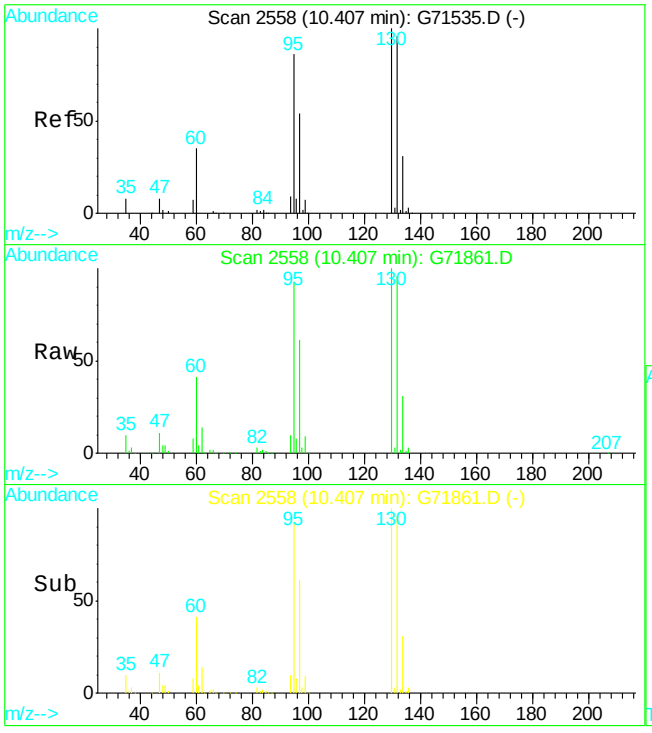


#48
1,2-dichloroethane
Concen: 0.43 ppb
RT: 9.28 min Scan# 2155
Delta R.T. 0.00 min
Lab File: G71861.D
Acq: 23 Jul 2007 8:28 pm

Tgt Ion: 62 Resp: 1083

Ion	Ratio	Lower	Upper
62	100		
98	17.4	0.0	40.1

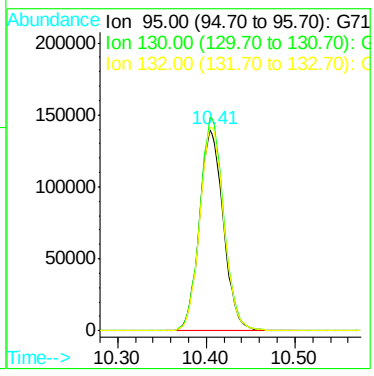


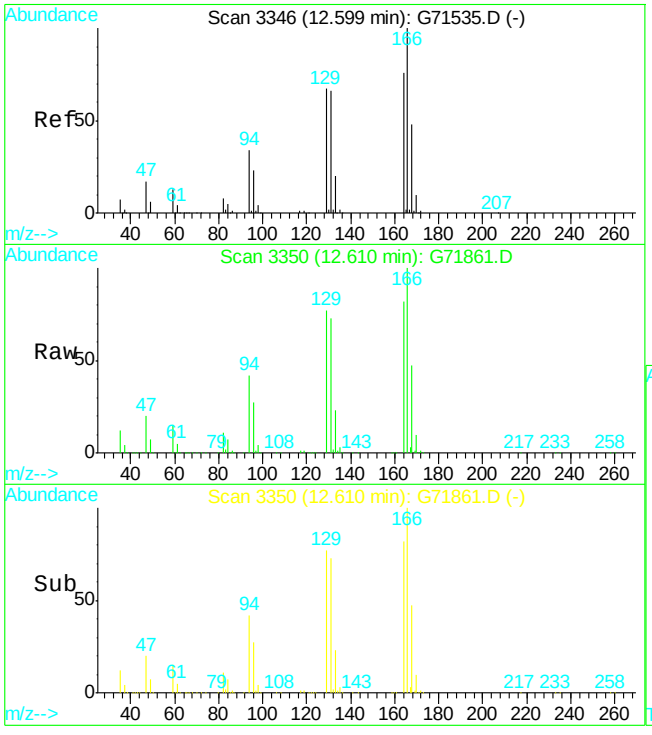


#51
trichloroethene
Concen: 120.48 ppb
RT: 10.41 min Scan# 2558
Delta R.T. 0.00 min
Lab File: G71861.D
Acq: 23 Jul 2007 8:28 pm

Tgt Ion: 95 Resp: 262598

Ion	Ratio	Lower	Upper
95	100		
130	107.9	80.2	140.2
132	103.4	76.3	136.3

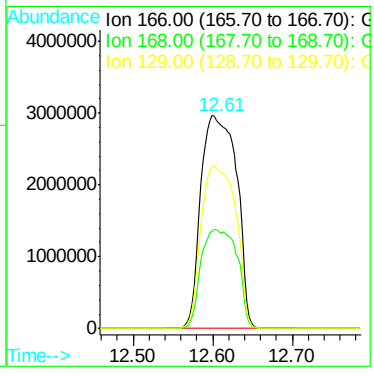




#67
tetrachloroethene
Concen: 4698.76 ppb
RT: 12.61 min Scan# 3350
Delta R.T. 0.01 min
Lab File: G71861.D
Acq: 23 Jul 2007 8:28 pm

Tgt Ion:166 Resp: 9331306

Ion	Ratio	Lower	Upper
166	100		
168	47.3	18.1	78.1
129	77.2	36.7	96.7



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71898.D Vial: 10
Acq On : 24 Jul 2007 12:40 pm Operator: kimt
Sample : m66438-8 Inst : 5973 G
Misc : ms13993,msg2886,,,,5,100 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 16:57 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration
DataAcq Meth : G8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.73	65	5617	50.00	ppb	0.01
3) pentafluorobenzene	9.11	168	197976	50.00	ppb	0.00
43) 1,4-difluorobenzene	9.98	114	295029	50.00	ppb	0.00
66) chlorobenzene-d5	13.24	82	146675	50.00	ppb	0.00
80) 1,4-dichlorobenzene-d4	15.80	152	152371	50.00	ppb	0.00
System Monitoring Compounds						
40) dibromofluoromethane (s)	8.76	113	91745	49.95	ppb	0.00
Spiked Amount 50.000	Range 83 - 127		Recovery = 99.90%			
60) toluene-d8 (s)	11.78	98	349259	47.55	ppb	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 95.10%			
82) bromofluorobenzene (s)	14.47	95	130960	48.25	ppb	0.00
Spiked Amount 50.000	Range 81 - 119		Recovery = 96.50%			
Target Compounds						Qvalue
36) cis-1,2-dichloroethene	8.43	96	1478	0.60	ppb	91
42) 1,1,1-trichloroethane	9.39	97	1612	0.51	ppb	89
51) trichloroethene	10.41	95	1991	0.85	ppb	76
67) tetrachloroethene	12.60	166	143080	63.35	ppb	98

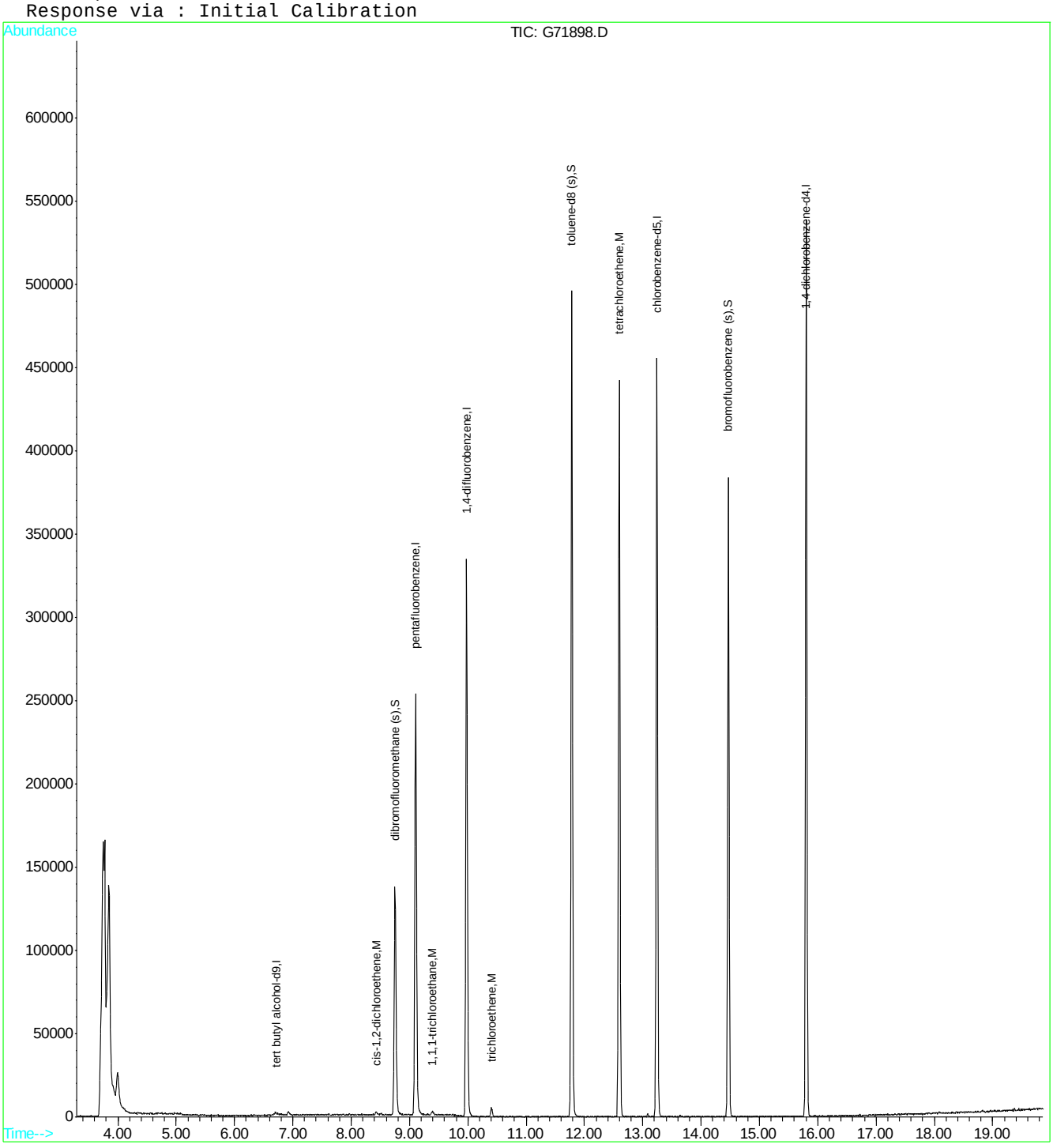
(#) = qualifier out of range (m) = manual integration
G71898.D G071007W.M Tue Jul 24 16:57:28 2007 RP1

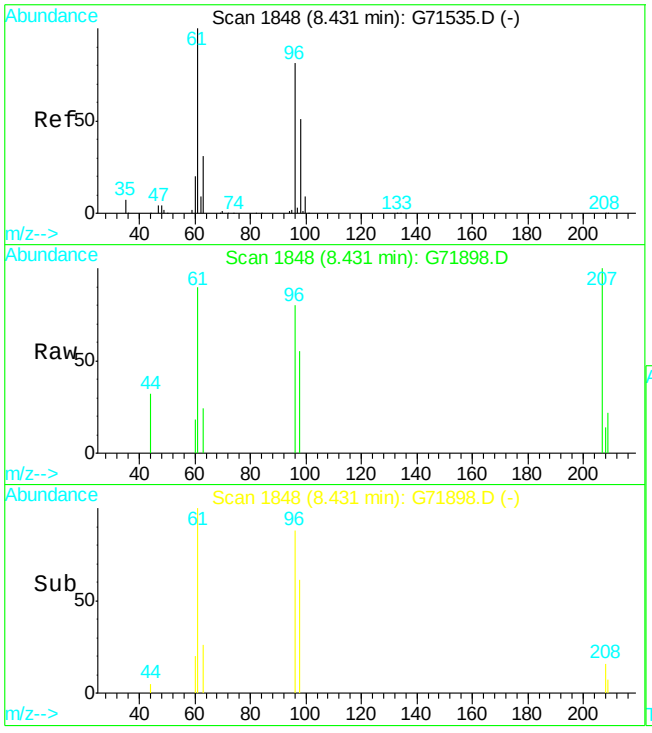
Quantitation Report

Data File : C:\HPCHEM\1\DATA\G71898.D
Acq On : 24 Jul 2007 12:40 pm
Sample : m66438-8
Misc : ms13993,msg2886,,,,5,100
MS Integration Params: RTEINT.P
Quant Time: Jul 24 16:57 2007

Vial: 10
Operator: kimt
Inst : 5973 G
Multiplr: 1.00
Quant Results File: G071007W.RES

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration

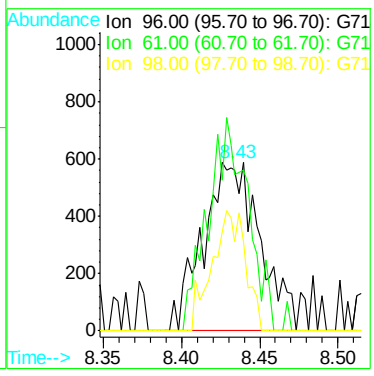


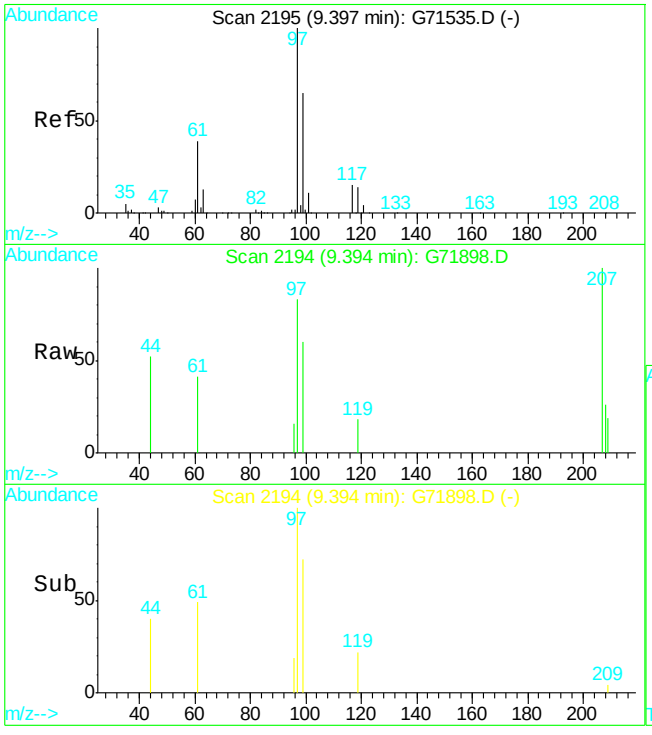


#36
cis-1,2-dichloroethene
Concen: 0.60 ppb
RT: 8.43 min Scan# 1848
Delta R.T. 0.00 min
Lab File: G71898.D
Acq: 24 Jul 2007 12:40 pm

Tgt Ion: 96 Resp: 1478

Ion	Ratio	Lower	Upper
96	100		
61	113.1	93.8	153.8
98	68.8	32.5	92.5

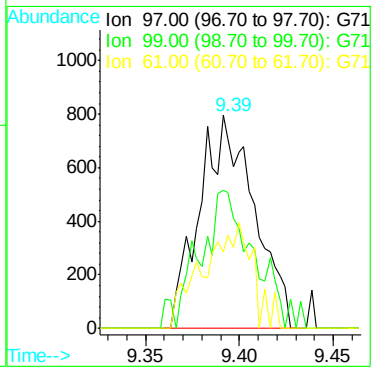


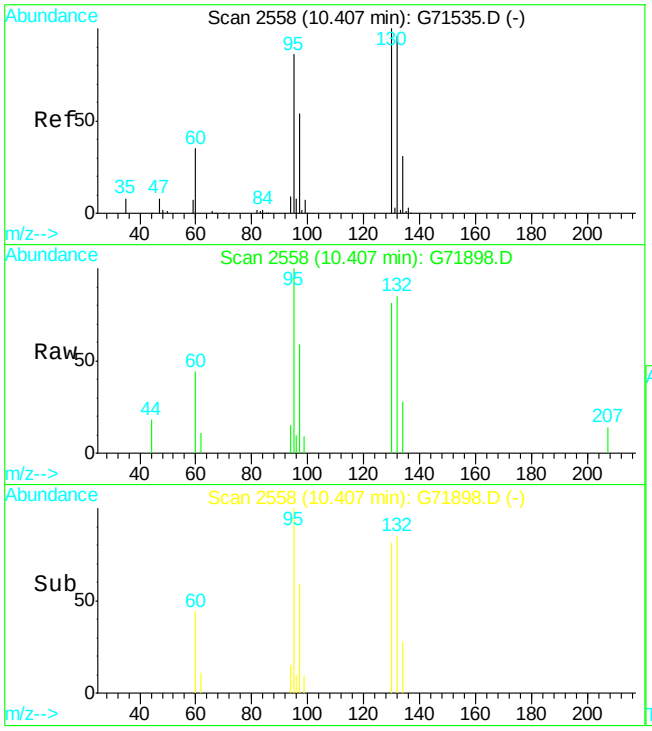


#42
1,1,1-trichloroethane
Concen: 0.51 ppb
RT: 9.39 min Scan# 2194
Delta R.T. -0.00 min
Lab File: G71898.D
Acq: 24 Jul 2007 12:40 pm

Tgt Ion: 97 Resp: 1612

Ion	Ratio	Lower	Upper
97	100		
99	71.8	35.1	95.1
61	49.2	9.3	69.3

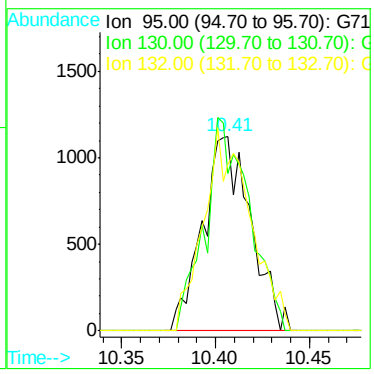


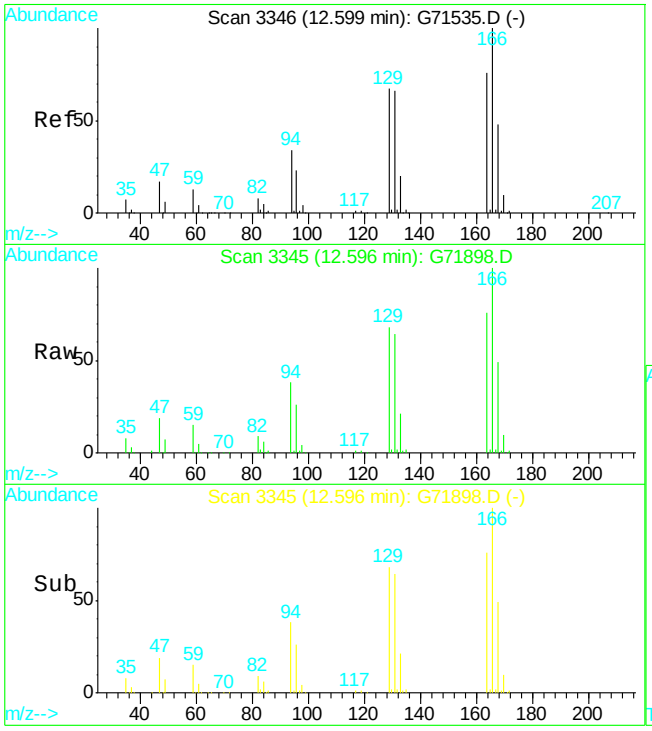


#51
trichloroethene
Concen: 0.85 ppb
RT: 10.41 min Scan# 2558
Delta R.T. 0.00 min
Lab File: G71898.D
Acq: 24 Jul 2007 12:40 pm

Tgt Ion: 95 Resp: 1991

Ion	Ratio	Lower	Upper
95	100		
130	80.7	80.2	140.2
132	85.4	76.3	136.3

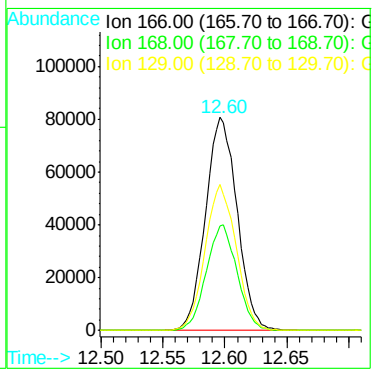




#67
tetrachloroethene
Concen: 63.35 ppb
RT: 12.60 min Scan# 3345
Delta R.T. -0.00 min
Lab File: G71898.D
Acq: 24 Jul 2007 12:40 pm

Tgt Ion:166 Resp: 143080

Ion	Ratio	Lower	Upper
166	100		
168	48.9	18.1	78.1
129	68.5	36.7	96.7



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71908.D Vial: 2
Acq On : 24 Jul 2007 5:08 pm Operator: kimt
Sample : m66438-9 Inst : 5973 G
Misc : ms13997,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 25 8:50 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration
DataAcq Meth : G8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.71	65	3167	50.00	ppb	0.00
3) pentafluorobenzene	9.11	168	172255	50.00	ppb	0.00
43) 1,4-difluorobenzene	9.98	114	260403	50.00	ppb	0.00
66) chlorobenzene-d5	13.24	82	135819	50.00	ppb	0.00
80) 1,4-dichlorobenzene-d4	15.81	152	135580	50.00	ppb	0.00

System Monitoring Compounds

40) dibromofluoromethane (s)	8.76	113	81780	51.17	ppb	0.00
Spiked Amount 50.000	Range 83 - 127		Recovery = 102.34%			
60) toluene-d8 (s)	11.79	98	318615	49.15	ppb	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 98.30%			
82) bromofluorobenzene (s)	14.47	95	117207	48.53	ppb	0.00
Spiked Amount 50.000	Range 81 - 119		Recovery = 97.06%			

Target Compounds

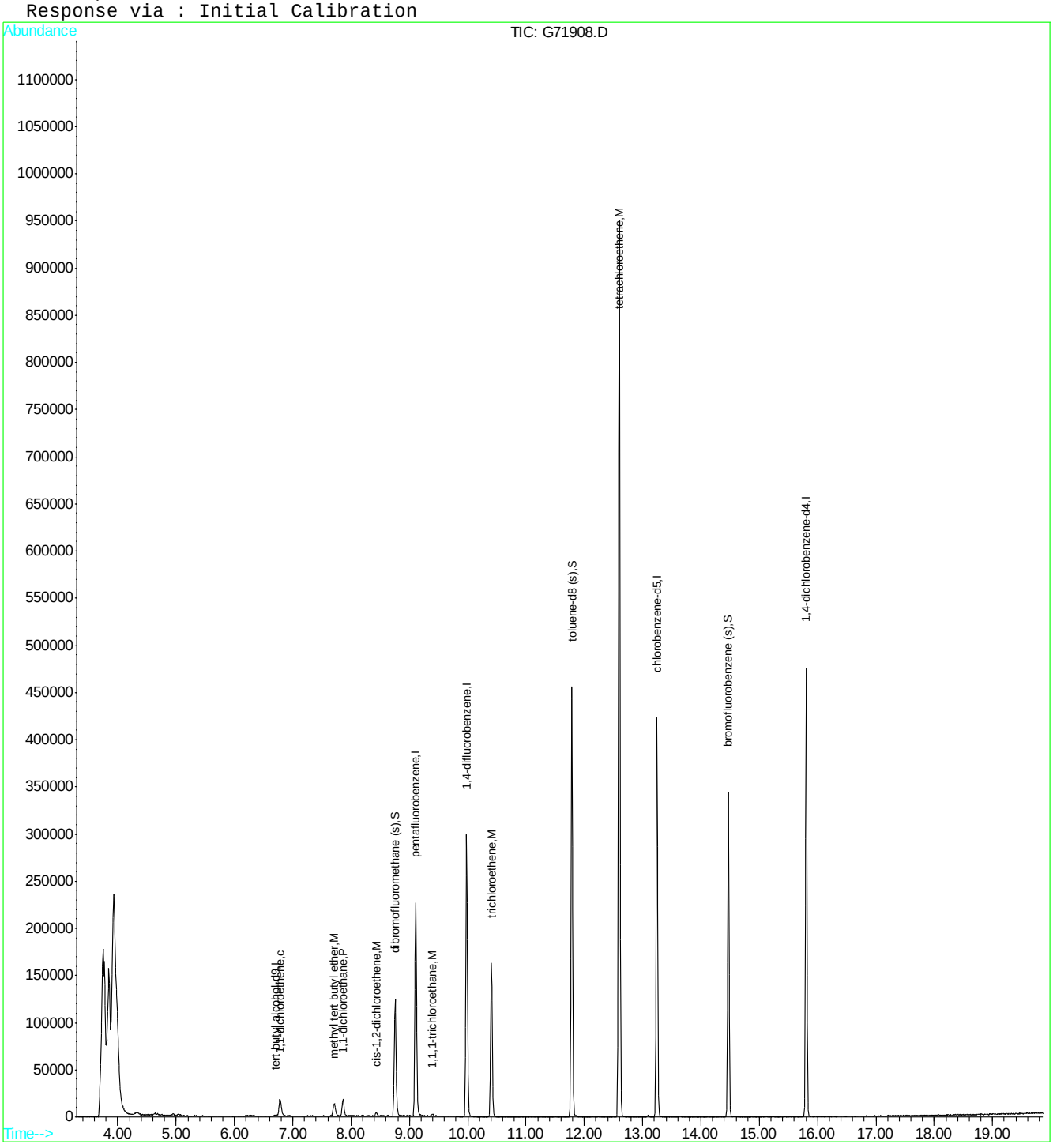
						Qvalue
15) 1,1-dichloroethene	6.79	96	11259	6.67	ppb	96
19) methyl tert butyl ether	7.71	73	18422	3.26	ppb	96
32) 1,1-dichloroethane	7.86	63	21372	6.43	ppb	98
36) cis-1,2-dichloroethene	8.43	96	2106	0.98	ppb	87
42) 1,1,1-trichloroethane	9.40	97	1870	0.68	ppb	88
51) trichloroethene	10.41	95	55327	26.72	ppb	96
67) tetrachloroethene	12.60	166	301667	144.25	ppb	97

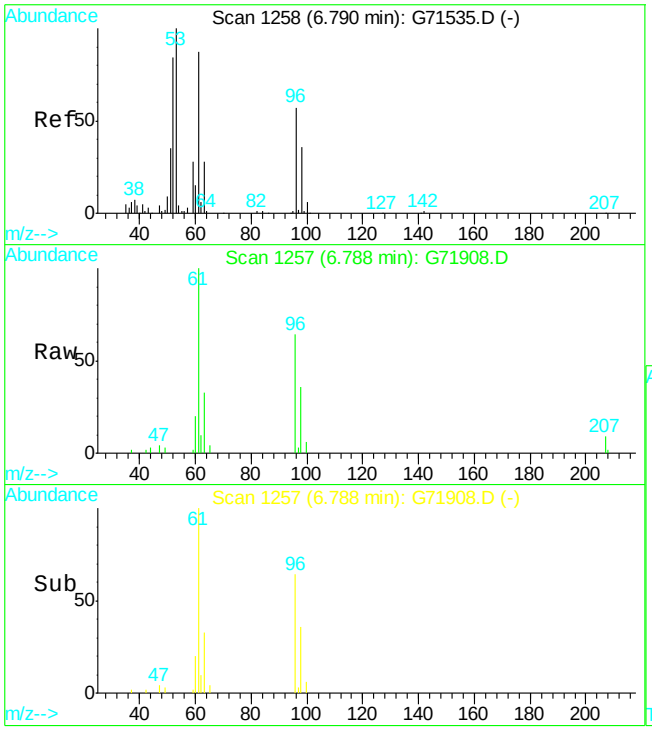
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\G71908.D Vial: 2
Acq On : 24 Jul 2007 5:08 pm Operator: kimt
Sample : m66438-9 Inst : 5973 G
Misc : ms13997,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 25 8:50 2007 Quant Results File: G071007W.RES

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration

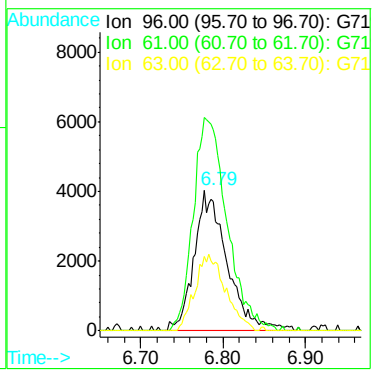


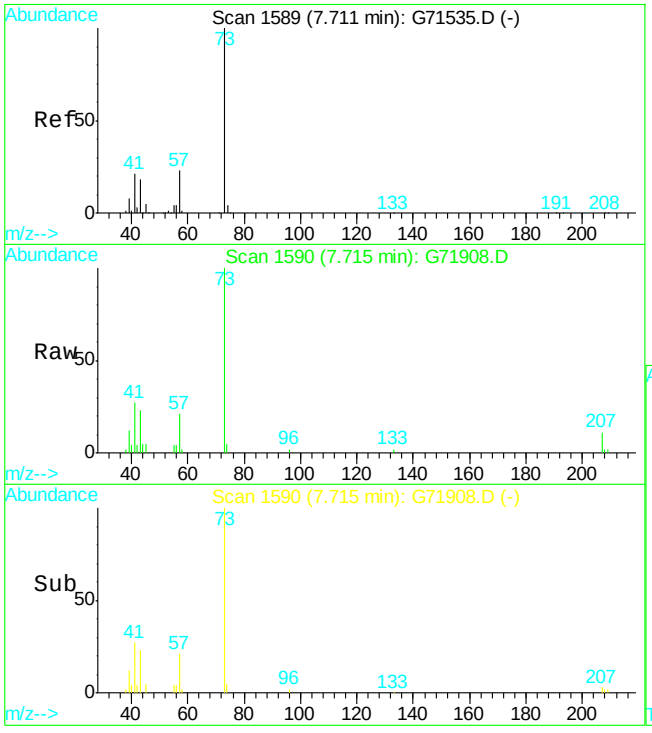


#15
1,1-dichloroethene
Concen: 6.67 ppb
RT: 6.79 min Scan# 1257
Delta R.T. -0.00 min
Lab File: G71908.D
Acq: 24 Jul 2007 5:08 pm

Tgt Ion: 96 Resp: 11259

Ion	Ratio	Lower	Upper
96	100		
61	156.4	121.4	181.4
63	51.7	18.9	78.9

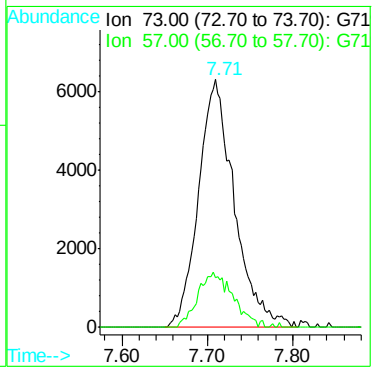


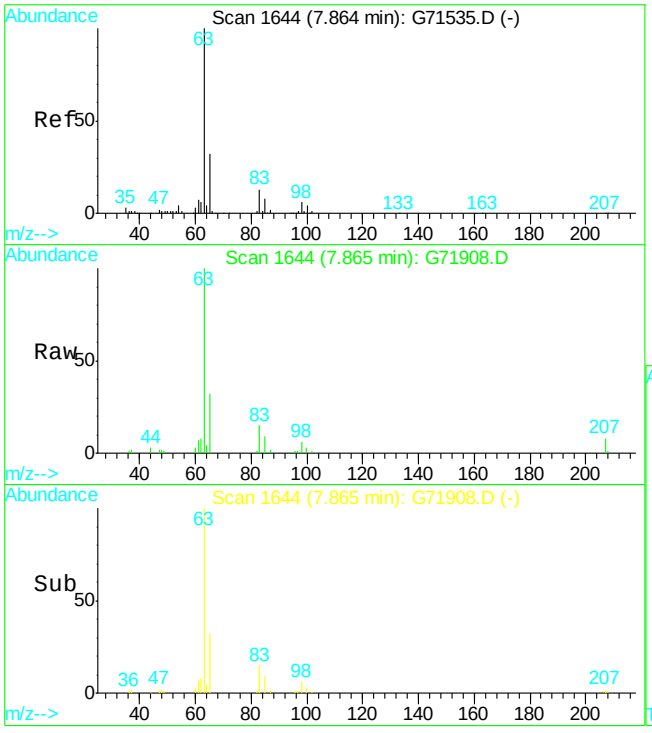


#19
methyl tert butyl ether
Concen: 3.26 ppb
RT: 7.71 min Scan# 1590
Delta R.T. 0.00 min
Lab File: G71908.D
Acq: 24 Jul 2007 5:08 pm

Tgt Ion: 73 Resp: 18422

Ion	Ratio	Lower	Upper
73	100		
57	20.9	0.0	52.8

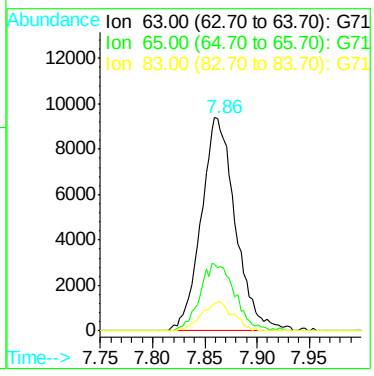


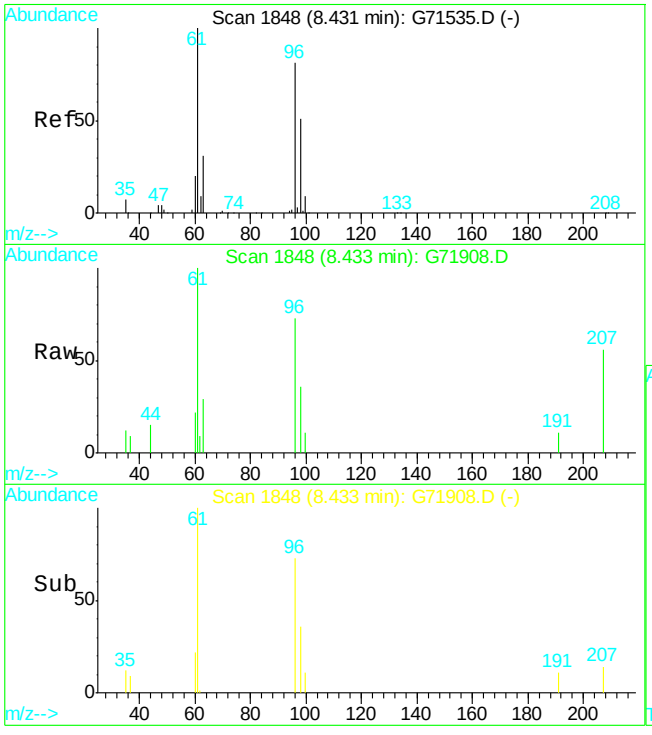


#32
1,1-dichloroethane
Concen: 6.43 ppb
RT: 7.86 min Scan# 1644
Delta R.T. 0.00 min
Lab File: G71908.D
Acq: 24 Jul 2007 5:08 pm

Tgt Ion: 63 Resp: 21372

Ion	Ratio	Lower	Upper
63	100		
65	32.1	2.2	62.2
83	14.7	0.0	42.8

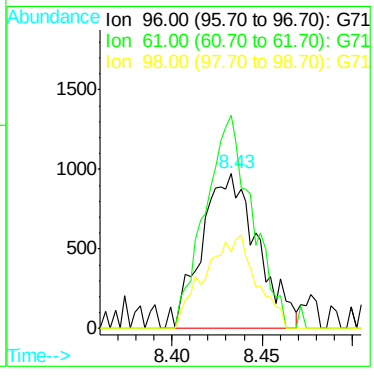


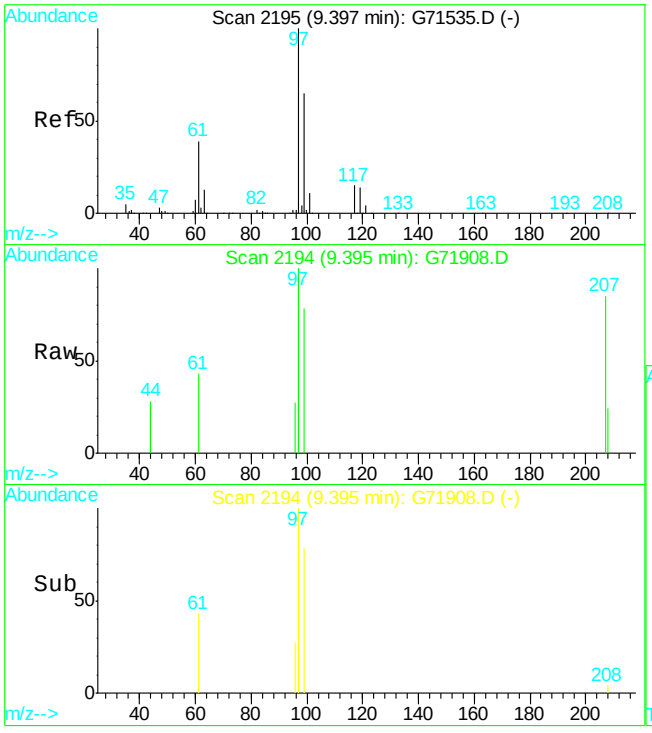


#36
cis-1,2-dichloroethene
Concen: 0.98 ppb
RT: 8.43 min Scan# 1848
Delta R.T. 0.00 min
Lab File: G71908.D
Acq: 24 Jul 2007 5:08 pm

Tgt Ion: 96 Resp: 2106

Ion	Ratio	Lower	Upper
96	100		
61	137.0	93.8	153.8
98	49.5	32.5	92.5

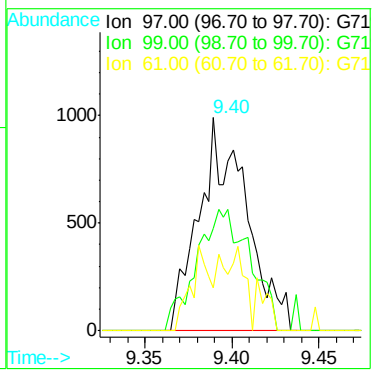


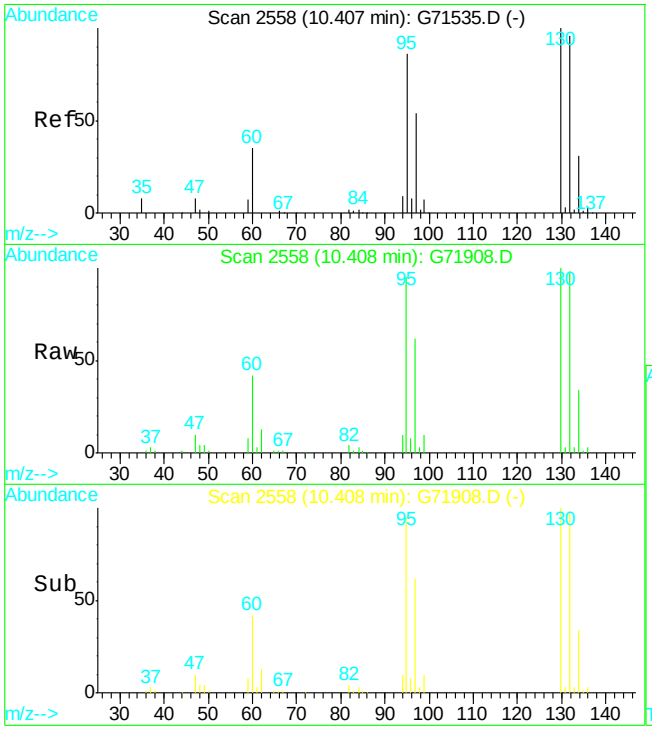


#42
1,1,1-trichloroethane
Concen: 0.68 ppb
RT: 9.40 min Scan# 2194
Delta R.T. -0.00 min
Lab File: G71908.D
Acq: 24 Jul 2007 5:08 pm

Tgt Ion: 97 Resp: 1870

Ion	Ratio	Lower	Upper
97	100		
99	77.9	35.1	95.1
61	43.1	9.3	69.3

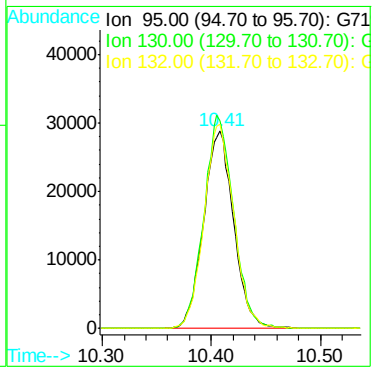


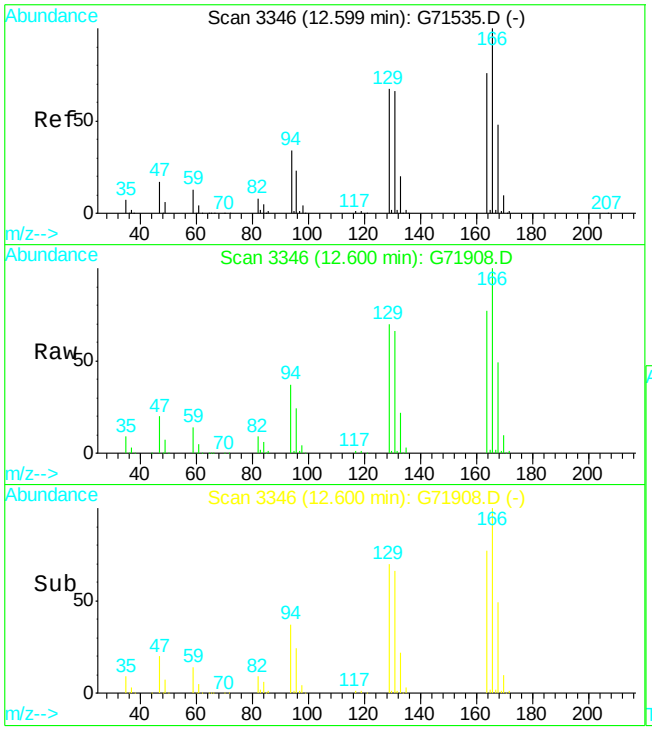


#51
trichloroethene
Concen: 26.72 ppb
RT: 10.41 min Scan# 2558
Delta R.T. 0.00 min
Lab File: G71908.D
Acq: 24 Jul 2007 5:08 pm

Tgt Ion: 95 Resp: 55327

Ion	Ratio	Lower	Upper
95	100		
130	105.5	80.2	140.2
132	103.6	76.3	136.3

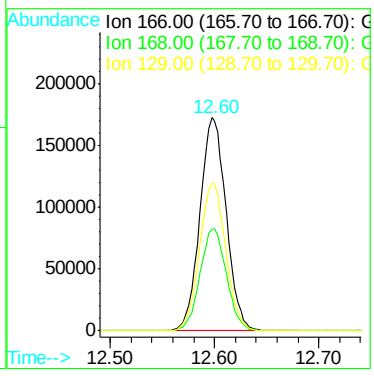




#67
tetrachloroethene
Concen: 144.25 ppb
RT: 12.60 min Scan# 3346
Delta R.T. -0.00 min
Lab File: G71908.D
Acq: 24 Jul 2007 5:08 pm

Tgt Ion:166 Resp: 301667

Ion	Ratio	Lower	Upper
166	100		
168	48.6	18.1	78.1
129	69.9	36.7	96.7



Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani 07/25/07 15:59

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71905.D Vial: 17
Acq On : 24 Jul 2007 3:47 pm Operator: kimt
Sample : m66438-10 Inst : 5973 G
Misc : ms13997,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 17:10 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration
DataAcq Meth : G8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.73	65	5065m	50.00	ppb	0.02
3) pentafluorobenzene	9.11	168	181985	50.00	ppb	0.00
43) 1,4-difluorobenzene	9.98	114	272605	50.00	ppb	0.00
66) chlorobenzene-d5	13.24	82	138738	50.00	ppb	0.00
80) 1,4-dichlorobenzene-d4	15.80	152	142199	50.00	ppb	0.00

System Monitoring Compounds

40) dibromofluoromethane (s)	8.76	113	85765	50.79	ppb	0.00
Spiked Amount 50.000	Range 83 - 127		Recovery = 101.58%			
60) toluene-d8 (s)	11.78	98	330916	48.76	ppb	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 97.52%			
82) bromofluorobenzene (s)	14.47	95	123602	48.79	ppb	0.00
Spiked Amount 50.000	Range 81 - 119		Recovery = 97.58%			

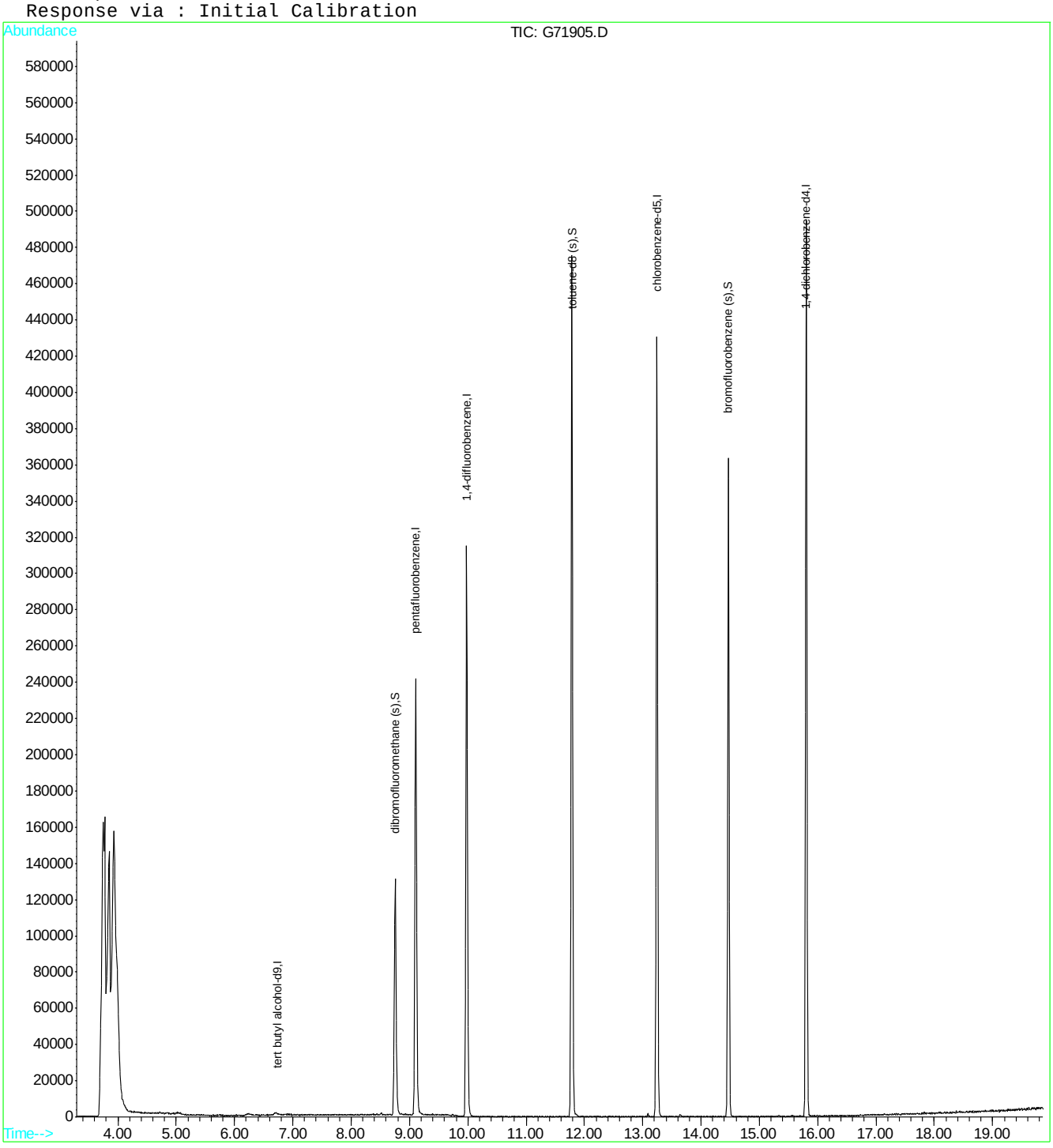
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration
G71905.D G071007W.M Tue Jul 24 17:10:25 2007 RP1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\G71905.D Vial: 17
Acq On : 24 Jul 2007 3:47 pm Operator: kimt
Sample : m66438-10 Inst : 5973 G
Misc : ms13997,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 17:10 2007 Quant Results File: G071007W.RES

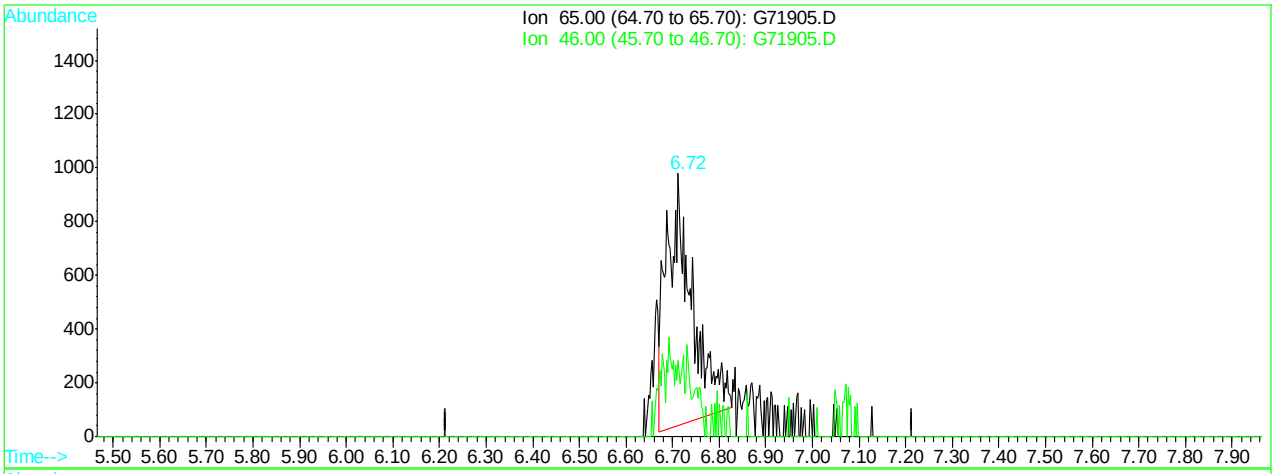
Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration

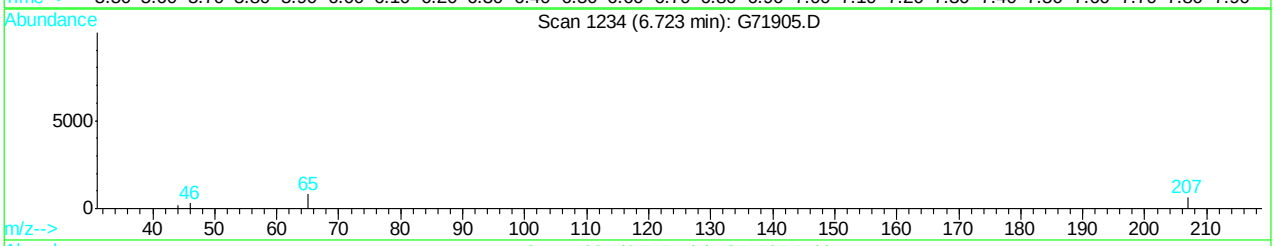


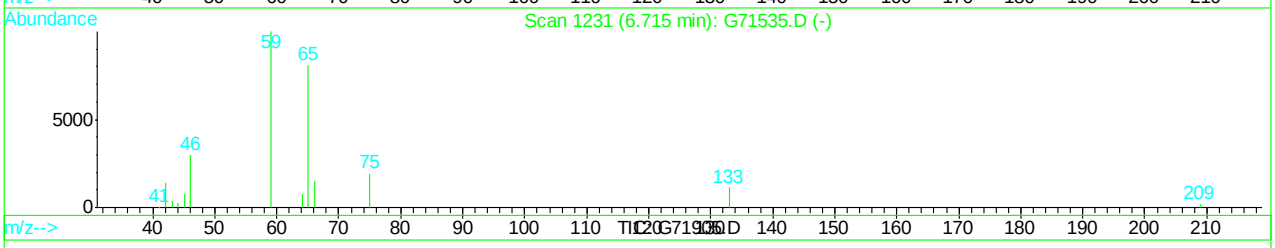
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71905.D Vial: 17
Acq On : 24 Jul 2007 3:47 pm Operator: kimt
Sample : m66438-10 Inst : 5973 G
Misc : ms13997,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 16:22 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration







(1) tert butyl alcohol-d9 (I)

6.72min 50.00ppb

response 3551

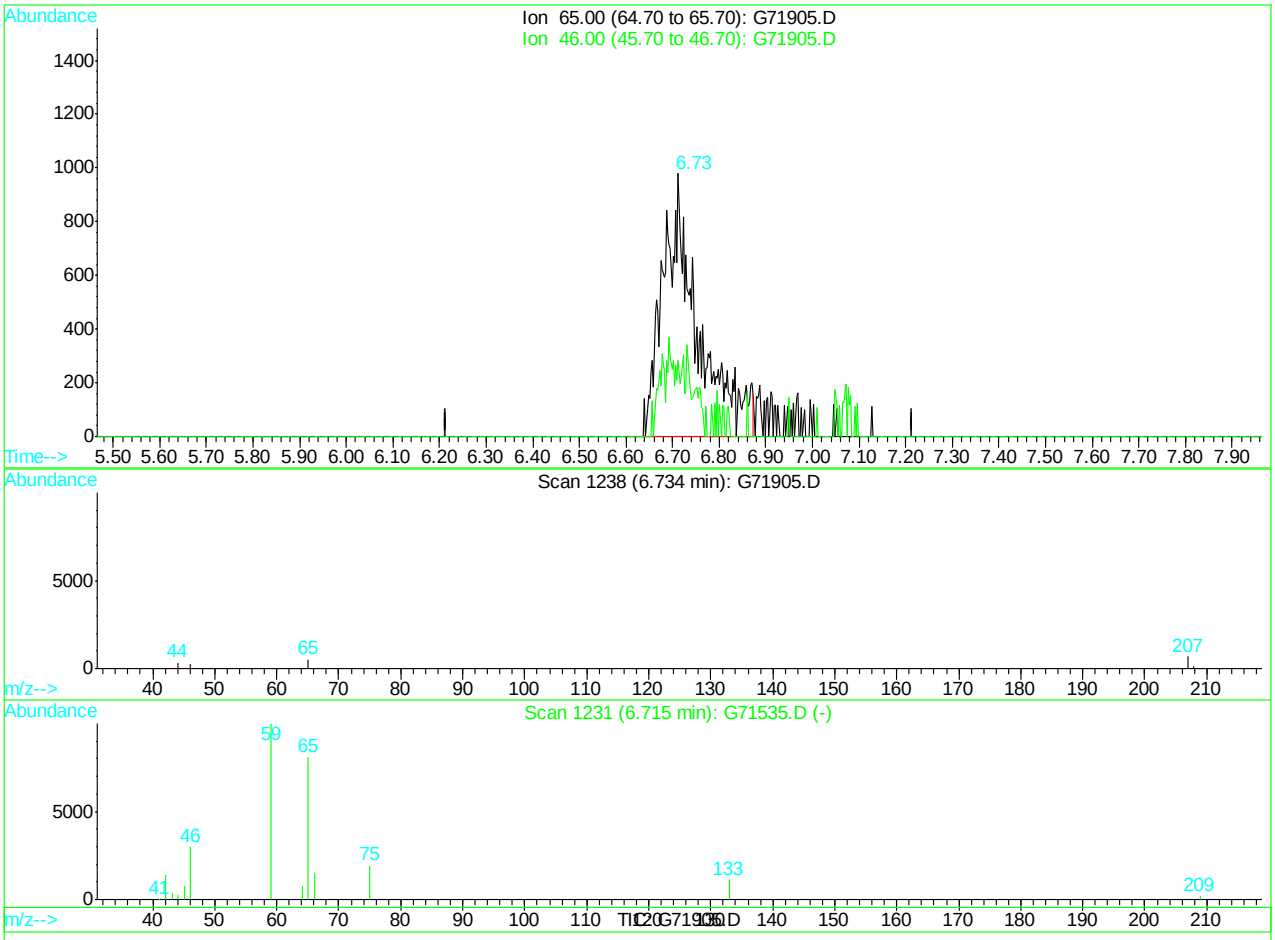
Ion	Exp%	Act%
65.00	100	100
46.00	36.90	42.82
0.00	0.00	0.00
0.00	0.00	0.00

G71905.D G071007W.M Tue Jul 24 17:09:38 2007 RP1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71905.D Vial: 17
Acq On : 24 Jul 2007 3:47 pm Operator: kimt
Sample : m66438-10 Inst : 5973 G
Misc : ms13997,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 17:09 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration



(1) tert butyl alcohol-d9 (I)

6.73min 50.00ppb m

response 5065

Ion	Exp%	Act%
65.00	100	100
46.00	36.90	44.08
0.00	0.00	0.00
0.00	0.00	0.00

G71905.D G071007W.M Tue Jul 24 17:09:44 2007 RP1

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71906.D Vial: 18
Acq On : 24 Jul 2007 4:14 pm Operator: kimt
Sample : m66438-11 Inst : 5973 G
Misc : ms13997,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 17:11 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration
DataAcq Meth : G8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.72	65	4868	50.00	ppb	0.00
3) pentafluorobenzene	9.11	168	176641	50.00	ppb	0.00
43) 1,4-difluorobenzene	9.98	114	267062	50.00	ppb	0.00
66) chlorobenzene-d5	13.24	82	135516	50.00	ppb	0.00
80) 1,4-dichlorobenzene-d4	15.80	152	136193	50.00	ppb	0.00

System Monitoring Compounds

40) dibromofluoromethane (s)	8.76	113	83606	51.01	ppb	0.00
Spiked Amount 50.000	Range 83 - 127		Recovery = 102.02%			
60) toluene-d8 (s)	11.78	98	325427	48.95	ppb	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 97.90%			
82) bromofluorobenzene (s)	14.47	95	119378	49.21	ppb	0.00
Spiked Amount 50.000	Range 81 - 119		Recovery = 98.42%			

Target Compounds Qvalue

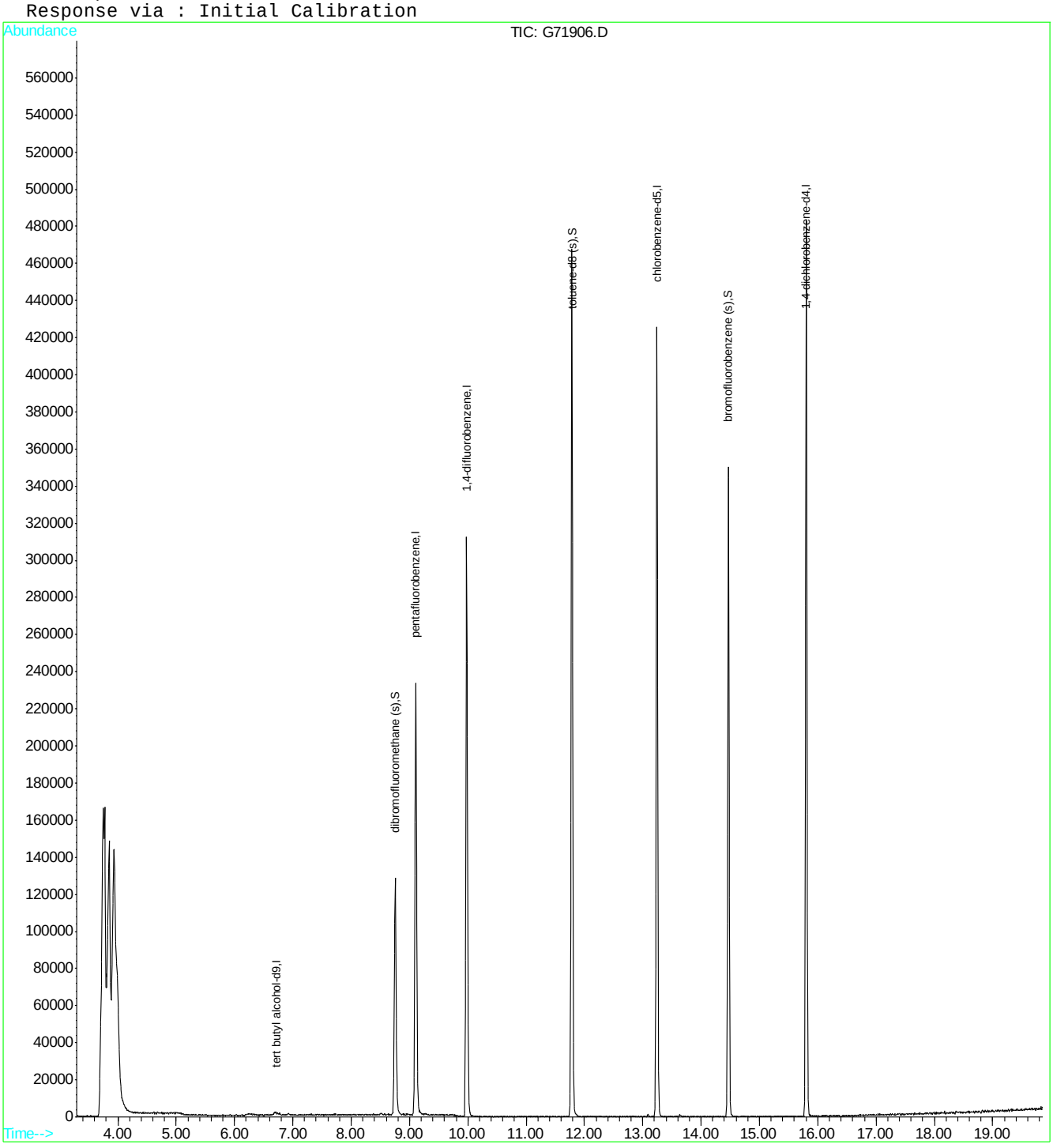
(#) = qualifier out of range (m) = manual integration
G71906.D G071007W.M Tue Jul 24 17:11:21 2007 RP1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\G71906.D
Acq On : 24 Jul 2007 4:14 pm
Sample : m66438-11
Misc : ms13997,msg2886,,,,5,1
MS Integration Params: RTEINT.P
Quant Time: Jul 24 17:11 2007

Vial: 18
Operator: kimt
Inst : 5973 G
Multiplr: 1.00
Quant Results File: G071007W.RES

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration



Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani 07/25/07 15:59

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71907.D Vial: 1
Acq On : 24 Jul 2007 4:41 pm Operator: kimt
Sample : m66438-12 Inst : 5973 G
Misc : ms13997,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 17:12 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration
DataAcq Meth : G8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.73	65	5057m	50.00	ppb	0.02
3) pentafluorobenzene	9.11	168	175131	50.00	ppb	0.00
43) 1,4-difluorobenzene	9.98	114	263288	50.00	ppb	0.00
66) chlorobenzene-d5	13.24	82	133243	50.00	ppb	0.00
80) 1,4-dichlorobenzene-d4	15.80	152	137695	50.00	ppb	0.00

System Monitoring Compounds

40) dibromofluoromethane (s)	8.76	113	83166	51.18	ppb	0.00
Spiked Amount 50.000	Range 83 - 127		Recovery	= 102.36%		
60) toluene-d8 (s)	11.78	98	316352	48.27	ppb	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery	= 96.54%		
82) bromofluorobenzene (s)	14.47	95	118324	48.24	ppb	0.00
Spiked Amount 50.000	Range 81 - 119		Recovery	= 96.48%		

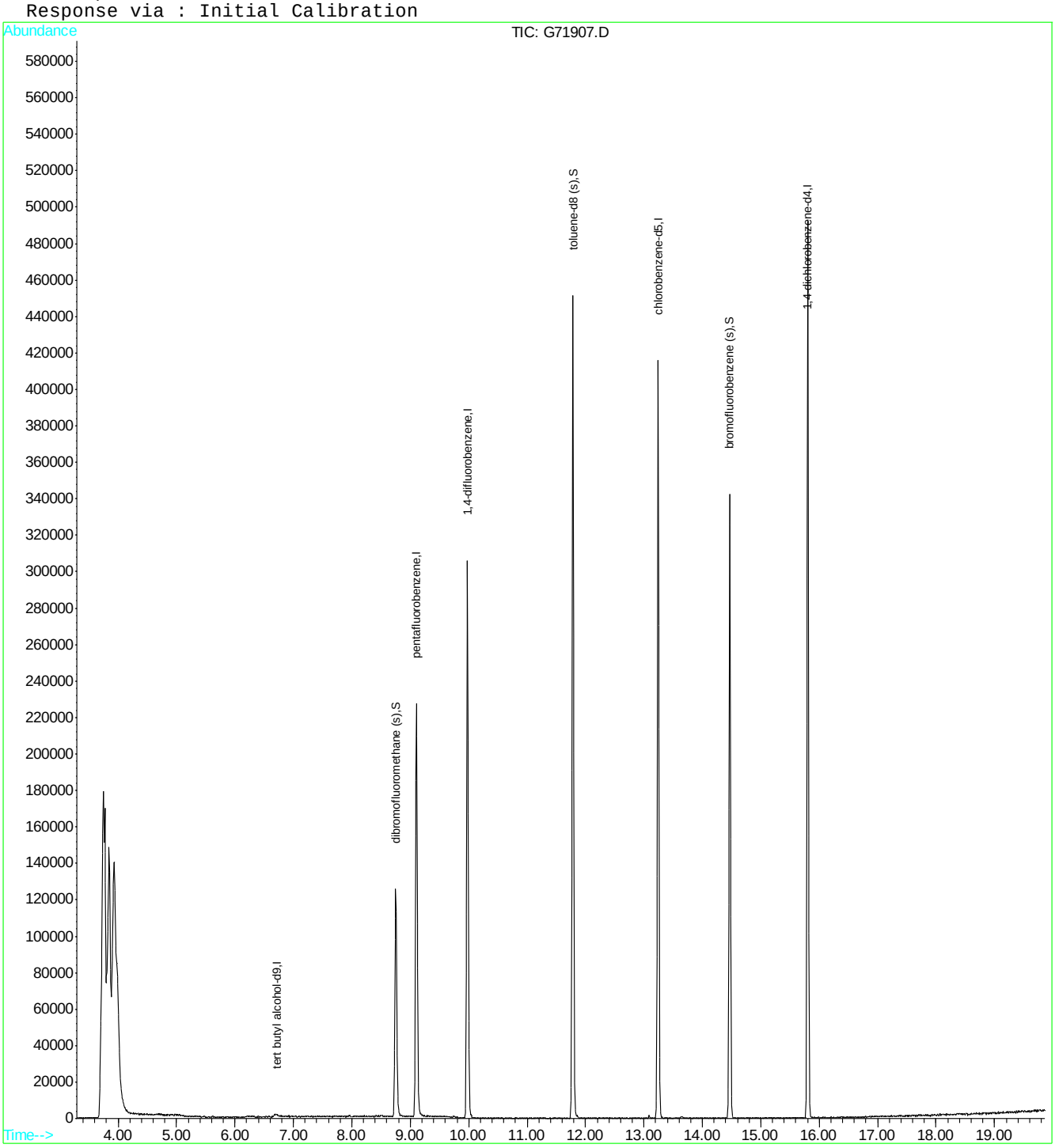
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration
G71907.D G071007W.M Tue Jul 24 17:12:52 2007 RP1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\G71907.D Vial: 1
Acq On : 24 Jul 2007 4:41 pm Operator: kimt
Sample : m66438-12 Inst : 5973 G
Misc : ms13997,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 17:12 2007 Quant Results File: G071007W.RES

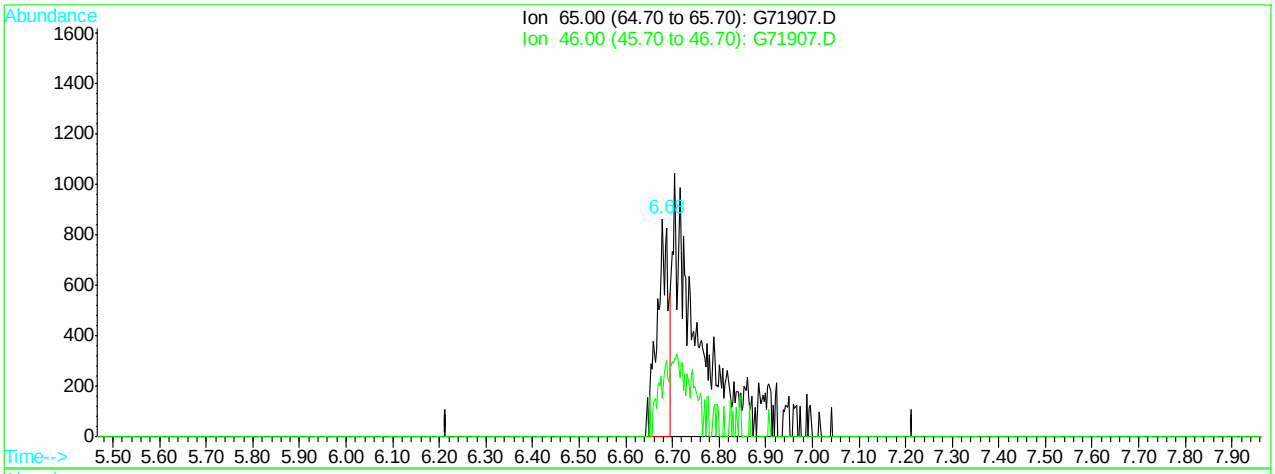
Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration

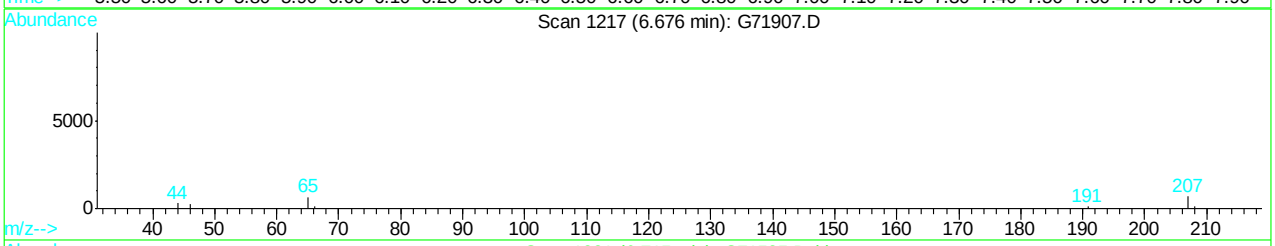


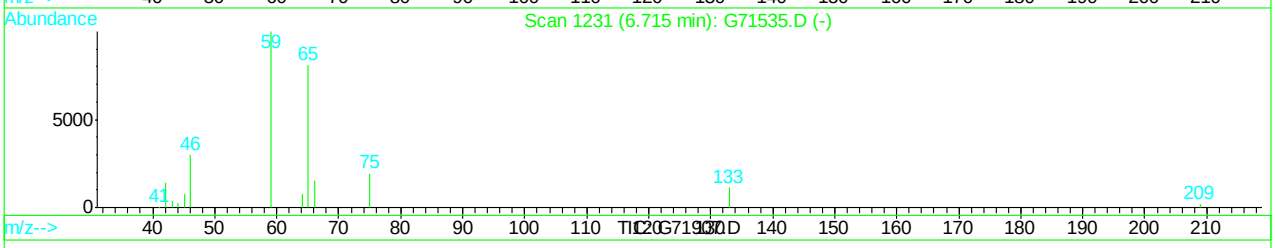
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71907.D Vial: 1
Acq On : 24 Jul 2007 4:41 pm Operator: kimt
Sample : m66438-12 Inst : 5973 G
Misc : ms13997,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 17:11 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration







(1) tert butyl alcohol-d9 (I)

6.68min 50.00ppb

response 1460

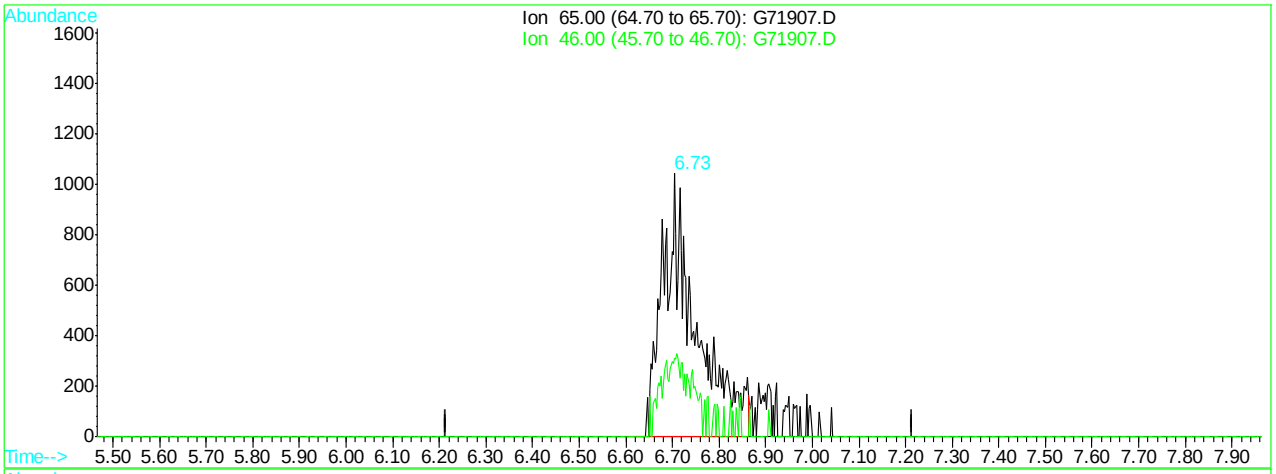
Ion	Exp%	Act%
65.00	100	100
46.00	36.90	37.35
0.00	0.00	0.00
0.00	0.00	0.00

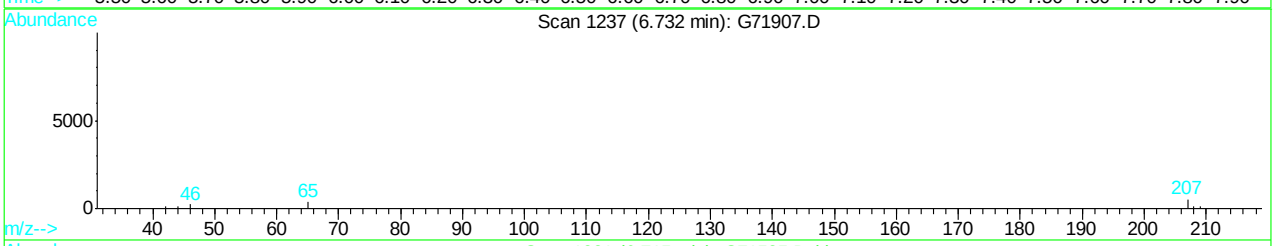
G71907.D G071007W.M Tue Jul 24 17:12:00 2007 RP1

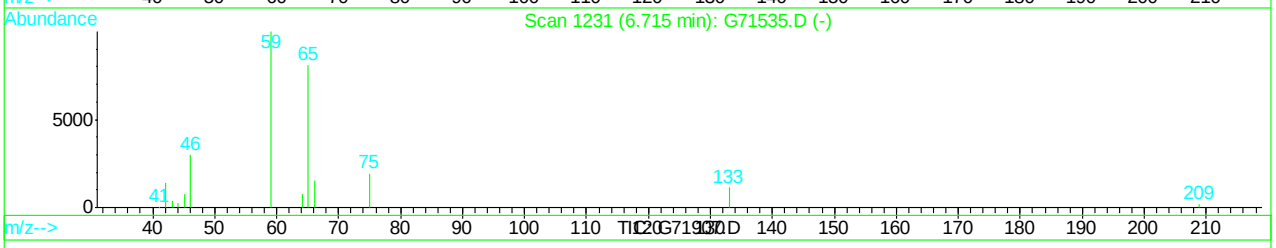
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71907.D Vial: 1
Acq On : 24 Jul 2007 4:41 pm Operator: kimt
Sample : m66438-12 Inst : 5973 G
Misc : ms13997,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 17:12 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration







(1) tert butyl alcohol-d9 (I)

6.73min 50.00ppb m

response 5057

Ion	Exp%	Act%
65.00	100	100
46.00	36.90	68.99#
0.00	0.00	0.00
0.00	0.00	0.00

G71907.D G071007W.M Tue Jul 24 17:12:06 2007 RP1

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71840.D Vial: 5
Acq On : 23 Jul 2007 11:13 am Operator: kimt
Sample : mb Inst : 5973 G
Misc : ms13981,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 11:53 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration
DataAcq Meth : G8260

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) tert butyl alcohol-d9	6.73	65	7770	50.00 ppb	0.01
3) pentafluorobenzene	9.11	168	215755	50.00 ppb	0.00
43) 1,4-difluorobenzene	9.98	114	316750	50.00 ppb	0.00
66) chlorobenzene-d5	13.24	82	160272	50.00 ppb	0.00
80) 1,4-dichlorobenzene-d4	15.80	152	176017	50.00 ppb	0.00

System Monitoring Compounds

40) dibromofluoromethane (s)	8.76	113	97606	48.76 ppb	0.00
Spiked Amount 50.000	Range 83 - 127		Recovery = 97.52%		
60) toluene-d8 (s)	11.78	98	387856	49.19 ppb	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 98.38%		
82) bromofluorobenzene (s)	14.47	95	151199	48.22 ppb	0.00
Spiked Amount 50.000	Range 81 - 119		Recovery = 96.44%		

Target Compounds Qvalue

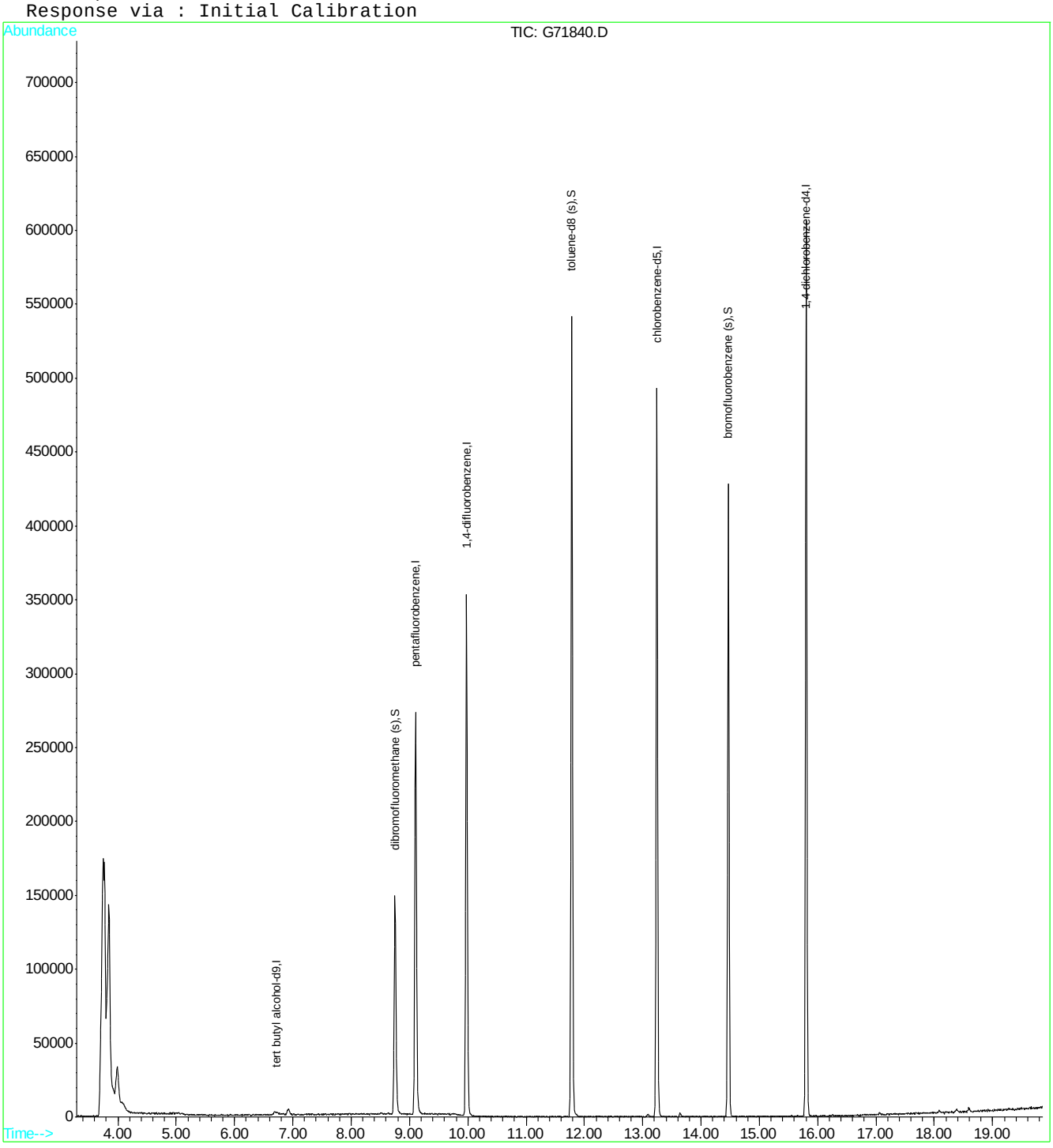
(#) = qualifier out of range (m) = manual integration
G71840.D G071007W.M Mon Jul 23 11:53:37 2007 RP1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\G71840.D
Acq On : 23 Jul 2007 11:13 am
Sample : mb
Misc : ms13981,msg2884,,,,5,1
MS Integration Params: RTEINT.P
Quant Time: Jul 23 11:53 2007

Vial: 5
Operator: kimt
Inst : 5973 G
Multiplr: 1.00
Quant Results File: G071007W.RES

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration



G71840.D G071007W.M Mon Jul 23 11:53:38 2007 RP1 Page 2

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71893.D Vial: 5
Acq On : 24 Jul 2007 10:27 am Operator: kimt
Sample : mb Inst : 5973 G
Misc : ms13993,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 14:12 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration
DataAcq Meth : G8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.73	65	6558	50.00	ppb	0.01
3) pentafluorobenzene	9.11	168	242140	50.00	ppb	0.00
43) 1,4-difluorobenzene	9.98	114	350885	50.00	ppb	0.00
66) chlorobenzene-d5	13.24	82	167899	50.00	ppb	0.00
80) 1,4-dichlorobenzene-d4	15.80	152	176606	50.00	ppb	0.00

System Monitoring Compounds

40) dibromofluoromethane (s)	8.76	113	106734	47.51	ppb	0.00
Spiked Amount 50.000	Range 83 - 127		Recovery = 95.02%			
60) toluene-d8 (s)	11.78	98	411879	47.15	ppb	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 94.30%			
82) bromofluorobenzene (s)	14.47	95	149593	47.55	ppb	0.00
Spiked Amount 50.000	Range 81 - 119		Recovery = 95.10%			

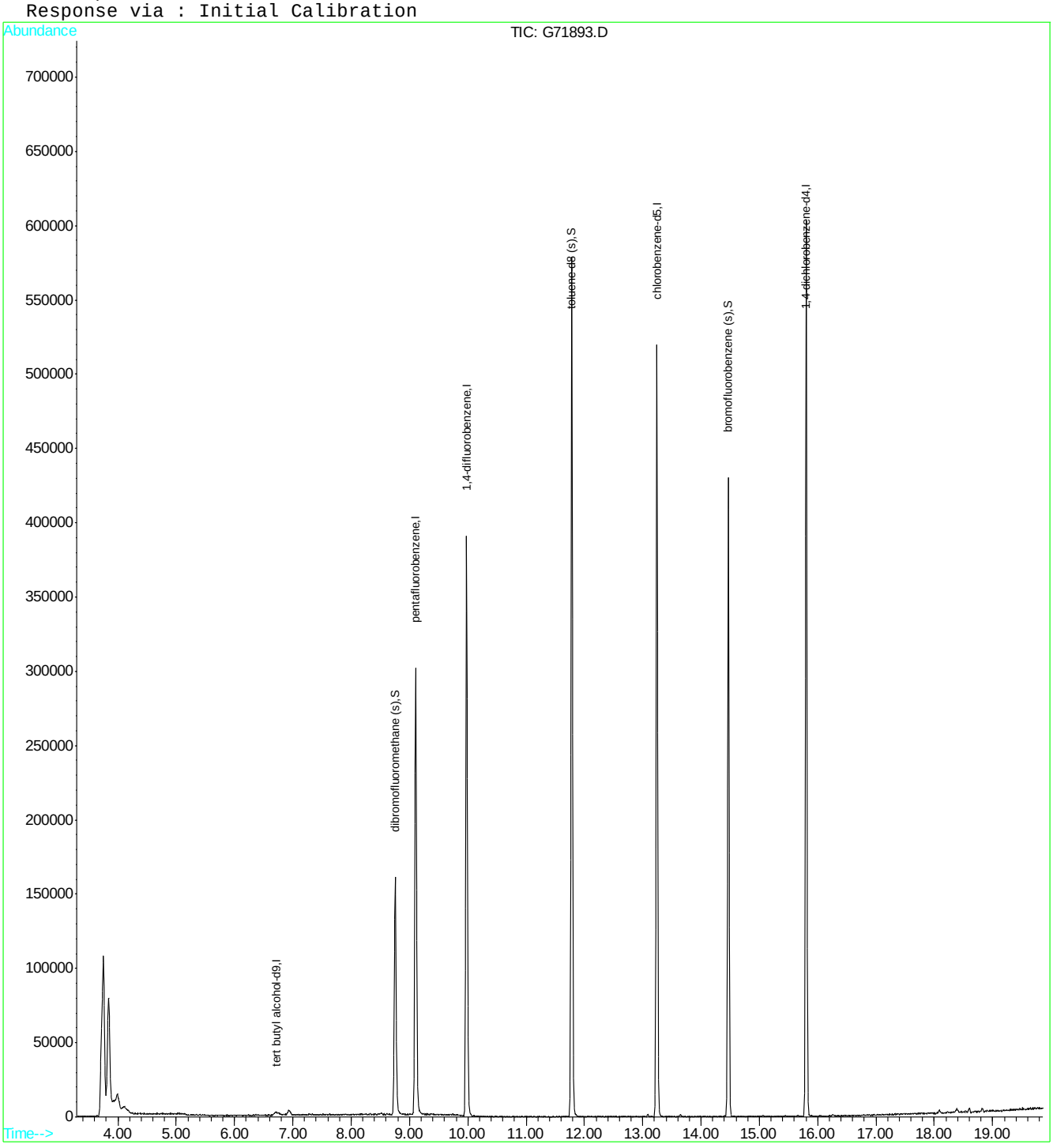
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration
G71893.D G071007W.M Tue Jul 24 14:12:40 2007 RP1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\G71893.D Vial: 5
Acq On : 24 Jul 2007 10:27 am Operator: kimt
Sample : mb Inst : 5973 G
Misc : ms13993,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 14:12 2007 Quant Results File: G071007W.RES

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration



ACCUTEST Laboratories M66438

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
07/24/07 14:00

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71837.D Vial: 2
Acq On : 23 Jul 2007 9:54 am Operator: kimt
Sample : bs Inst : 5973 G
Misc : ms13981,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 10:32 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration
DataAcq Meth : G8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.72	65	8182	50.00	ppb	0.00
3) pentafluorobenzene	9.11	168	234850	50.00	ppb	0.00
43) 1,4-difluorobenzene	9.98	114	344860	50.00	ppb	0.00
66) chlorobenzene-d5	13.24	82	178372	50.00	ppb	0.00
80) 1,4-dichlorobenzene-d4	15.80	152	197535	50.00	ppb	0.00

System Monitoring Compounds

40) dibromofluoromethane (s)	8.75	113	108223	49.67	ppb	0.00
Spiked Amount 50.000	Range 83 - 127		Recovery = 99.34%			
60) toluene-d8 (s)	11.78	98	423657	49.35	ppb	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 98.70%			
82) bromofluorobenzene (s)	14.47	95	167267	47.53	ppb	0.00
Spiked Amount 50.000	Range 81 - 119		Recovery = 95.06%			

Target Compounds

							Qvalue
2) tertiary butyl alcohol	6.80	59	82233m	424.54	ppb		
4) Ethanol	5.68	45	101207m	5176.70	ppb		
5) dichlorodifluoromethane	4.44	85	56021	29.31	ppb		98
6) chloromethane	4.71	50	109694	43.71	ppb		99
7) vinyl chloride	4.95	62	113794	45.35	ppb		100
8) bromomethane	5.45	96	72871	44.95	ppb		100
9) chloroethane	5.58	64	80361	46.15	ppb		94
10) ethyl ether	6.42	59	90557	39.66	ppb		99
11) acetonitrile	6.16	41	20176m	44.98	ppb		
12) trichlorofluoromethane	6.23	101	132413	43.24	ppb		99
13) freon-113	6.99	101	101043	48.06	ppb		98
14) acrolein	6.17	56	71180	288.16	ppb		99
15) 1,1-dichloroethene	6.79	96	99123	43.73	ppb		96
16) acetone	6.30	43	33459m	39.91	ppb		
17) Methyl Acetate	6.94	43	128837	32.93	ppb		99
18) methylene chloride	6.93	84	126807	45.37	ppb		99
19) methyl tert butyl ether	7.71	73	327033	42.48	ppb		97
20) acrylonitrile	6.81	53	223342	208.07	ppb		99
21) allyl chloride	7.02	41	178255	44.44	ppb		99
22) trans-1,2-dichloroethene	7.61	96	112057	45.33	ppb		99
23) iodomethane	6.85	142	196707	45.08	ppb		100
24) carbon disulfide	7.22	76	297195	40.10	ppb		99
25) propionitrile	6.81	54	7796	45.15	ppb		100
26) vinyl acetate	7.95	43	227730	101.57	ppb		100
27) chloroprene	8.23	53	142344	45.87	ppb		100
28) di-isopropyl ether	8.27	45	396122	41.30	ppb		98
29) methacrylonitrile	8.37	41	70424	39.35	ppb		98
30) 2-butanone	8.26	72	14431	42.89	ppb	#	55
31) Hexane	8.25	41	139047	38.11	ppb		90
32) 1,1-dichloroethane	7.86	63	205068	45.24	ppb		99
33) tert-butyl ethyl ether	8.66	59	367728	41.77	ppb		97
34) isobutyl alcohol	8.69	43	60985	221.17	ppb	#	46
35) 2,2-dichloropropane	8.73	77	155839	59.91	ppb		98
36) cis-1,2-dichloroethene	8.43	96	125871	43.09	ppb		98
38) bromochloromethane	8.59	128	65855	47.84	ppb		95

(#) = qualifier out of range (m) = manual integration
G71837.D G071007W.M Mon Jul 23 10:32:50 2007 RP1

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71837.D Vial: 2
Acq On : 23 Jul 2007 9:54 am Operator: kimt
Sample : bs Inst : 5973 G
Misc : ms13981,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 10:32 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration
DataAcq Meth : G8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
39)	chloroform	8.63	83	197729	44.95	ppb		99
41)	Tetrahydrofuran	8.96	42	35174	41.10	ppb		99
42)	1,1,1-trichloroethane	9.39	97	166989	44.76	ppb		99
44)	Cyclohexane	9.69	56	179328	39.19	ppb		99
45)	carbon tetrachloride	9.76	117	152796	45.46	ppb		99
46)	1,1-dichloropropene	9.56	75	144938	44.68	ppb		98
47)	benzene	9.79	78	445717	44.75	ppb		100
48)	1,2-dichloroethane	9.28	62	135618	42.33	ppb		99
49)	tert-amyl methyl ether	9.91	73	344972	40.62	ppb		98
50)	heptane	10.26	43	118198	37.66	ppb		97
51)	trichloroethene	10.40	95	110847	40.43	ppb		98
52)	1,2-dichloropropane	10.37	63	117817	45.50	ppb		99
53)	dibromomethane	10.34	93	69594	43.21	ppb		98
54)	bromodichloromethane	10.46	83	148050	42.64	ppb		100
55)	Methylcyclohexane	10.93	83	165130	39.64	ppb		97
56)	2-chloroethyl vinyl ether	10.82	63	6677	26.21	ppb		96
57)	methyl methacrylate	10.55	69	78331	44.60	ppb		98
58)	1,4-dioxane	10.57	88	5664m	255.16	ppb		
59)	cis-1,3-dichloropropene	11.07	75	182673	47.51	ppb		98
61)	4-methyl-2-pentanone	11.17	43	113023	40.56	ppb		98
62)	toluene	11.86	92	280850	42.68	ppb		98
63)	trans-1,3-dichloropropene	11.49	75	155091	46.82	ppb		98
64)	1,1,2-trichloroethane	11.66	83	88855	45.15	ppb		98
65)	ethyl methacrylate	11.87	69	152194	46.49	ppb		99
67)	tetrachloroethene	12.60	166	119643	43.56	ppb		99
68)	1,3-dichloropropane	11.90	76	182145	44.95	ppb		98
69)	dibromochloromethane	12.19	129	124257	45.32	ppb		99
70)	1,2-dibromoethane	12.45	107	104463	43.89	ppb		100
71)	2-hexanone	12.02	43	78346	42.00	ppb		100
72)	chlorobenzene	13.28	112	328986	44.86	ppb		97
73)	1,1,1,2-tetrachloroethane	13.19	131	122710	48.55	ppb		98
74)	ethylbenzene	13.45	91	521650	44.21	ppb		100
75)	m,p-xylene	13.64	106	425196	84.93	ppb		100
76)	o-xylene	14.05	106	207820	43.96	ppb		99
77)	styrene	13.98	104	345343	48.99	ppb		99
78)	bromoform	13.80	173	92673	45.88	ppb		95
79)	trans-1,4-dichloro-2-buten	14.19	53	20137	29.83	ppb	#	42
81)	isopropylbenzene	14.41	105	467167	40.73	ppb		100
83)	bromobenzene	14.70	156	155281	41.92	ppb		96
84)	1,1,2,2-tetrachloroethane	14.05	83	145326	49.78	ppb		97
85)	1,2,3-trichloropropane	14.19	75	140415	38.03	ppb		100
86)	n-propylbenzene	14.86	91	608350	40.05	ppb		99
87)	2-chlorotoluene	14.98	91	367848	39.51	ppb		98
88)	4-chlorotoluene	15.05	91	376099	39.26	ppb		99
89)	1,3,5-trimethylbenzene	15.14	105	426737	40.21	ppb		100
90)	tert-butylbenzene	15.44	91	231273	40.29	ppb		99
91)	1,2,4-trimethylbenzene	15.55	105	432644	39.26	ppb		96
92)	sec-butylbenzene	15.66	105	558236	41.32	ppb		100
93)	1,3-dichlorobenzene	15.77	146	263284	40.11	ppb		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71837.D Vial: 2
Acq On : 23 Jul 2007 9:54 am Operator: kimt
Sample : bs Inst : 5973 G
Misc : ms13981,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 10:32 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration
DataAcq Meth : G8260

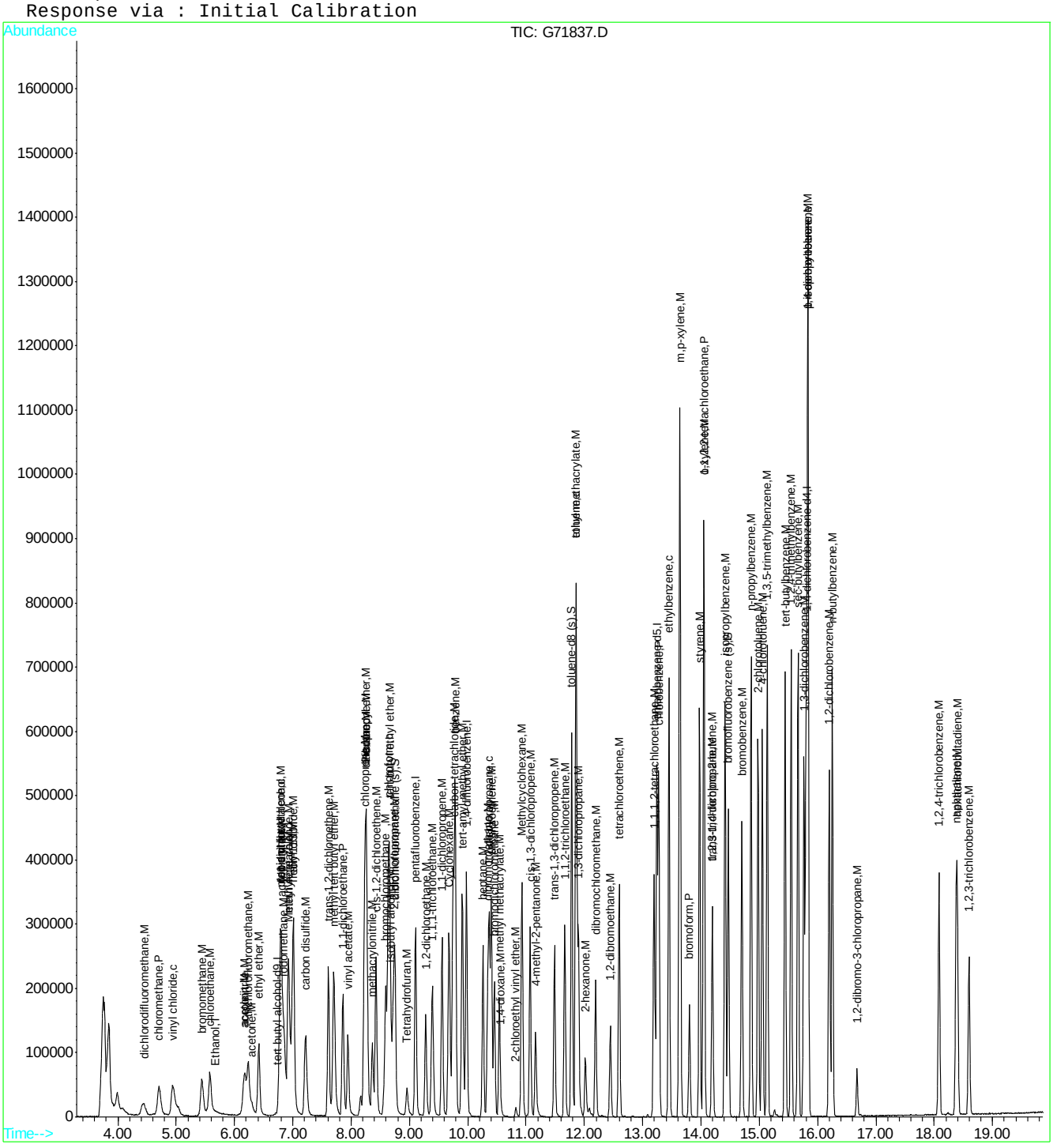
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
94)	p-isopropyltoluene	15.83	119	474159	40.95	ppb	99
95)	1,4-dichlorobenzene	15.83	146	285019	40.59	ppb	99
96)	1,2-dichlorobenzene	16.20	146	253010	41.78	ppb	98
97)	n-butylbenzene	16.25	91	406437	39.69	ppb	99
98)	1,2-dibromo-3-chloropropan	16.68	75	18323	39.32	ppb	99
99)	1,2,4-trichlorobenzene	18.08	180	147200	42.07	ppb	100
100)	hexachlorobutadiene	18.40	225	86537	44.30	ppb	96
101)	naphthalene	18.37	128	269116	42.72	ppb	100
102)	1,2,3-trichlorobenzene	18.60	180	101632	36.94	ppb	97

(#) = qualifier out of range (m) = manual integration
G71837.D G071007W.M Mon Jul 23 10:32:50 2007 RP1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\G71837.D Vial: 2
Acq On : 23 Jul 2007 9:54 am Operator: kimt
Sample : bs Inst : 5973 G
Misc : ms13981,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 10:32 2007 Quant Results File: G071007W.RES

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration

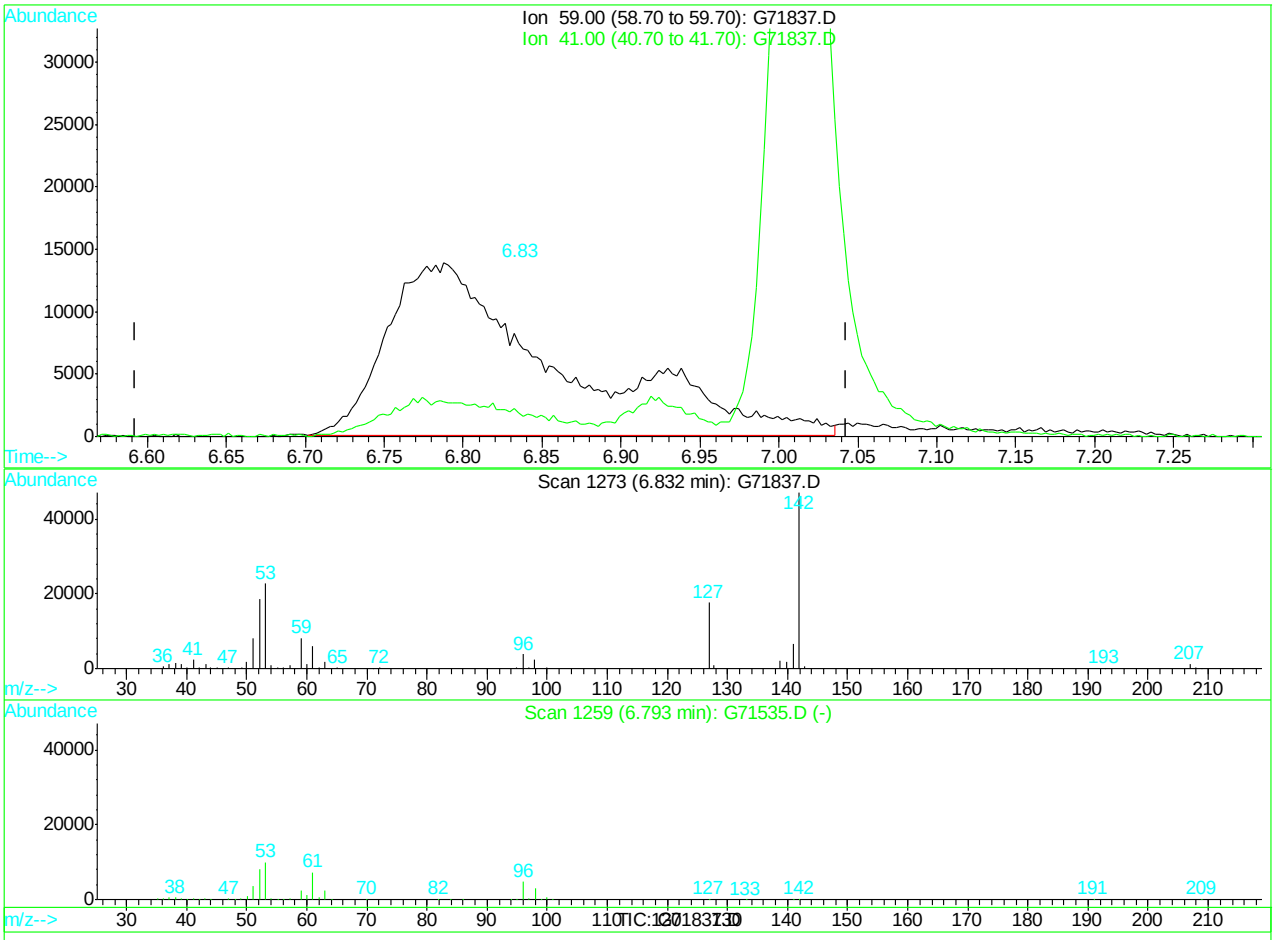


G71837.D G071007W.M Mon Jul 23 10:32:51 2007 RP1 Page 4

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71837.D Vial: 2
Acq On : 23 Jul 2007 9:54 am Operator: kimt
Sample : bs Inst : 5973 G
Misc : ms13981,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 10:31 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration



(2) tertiary butyl alcohol (M)

6.83min 532.62ppb

response 103169

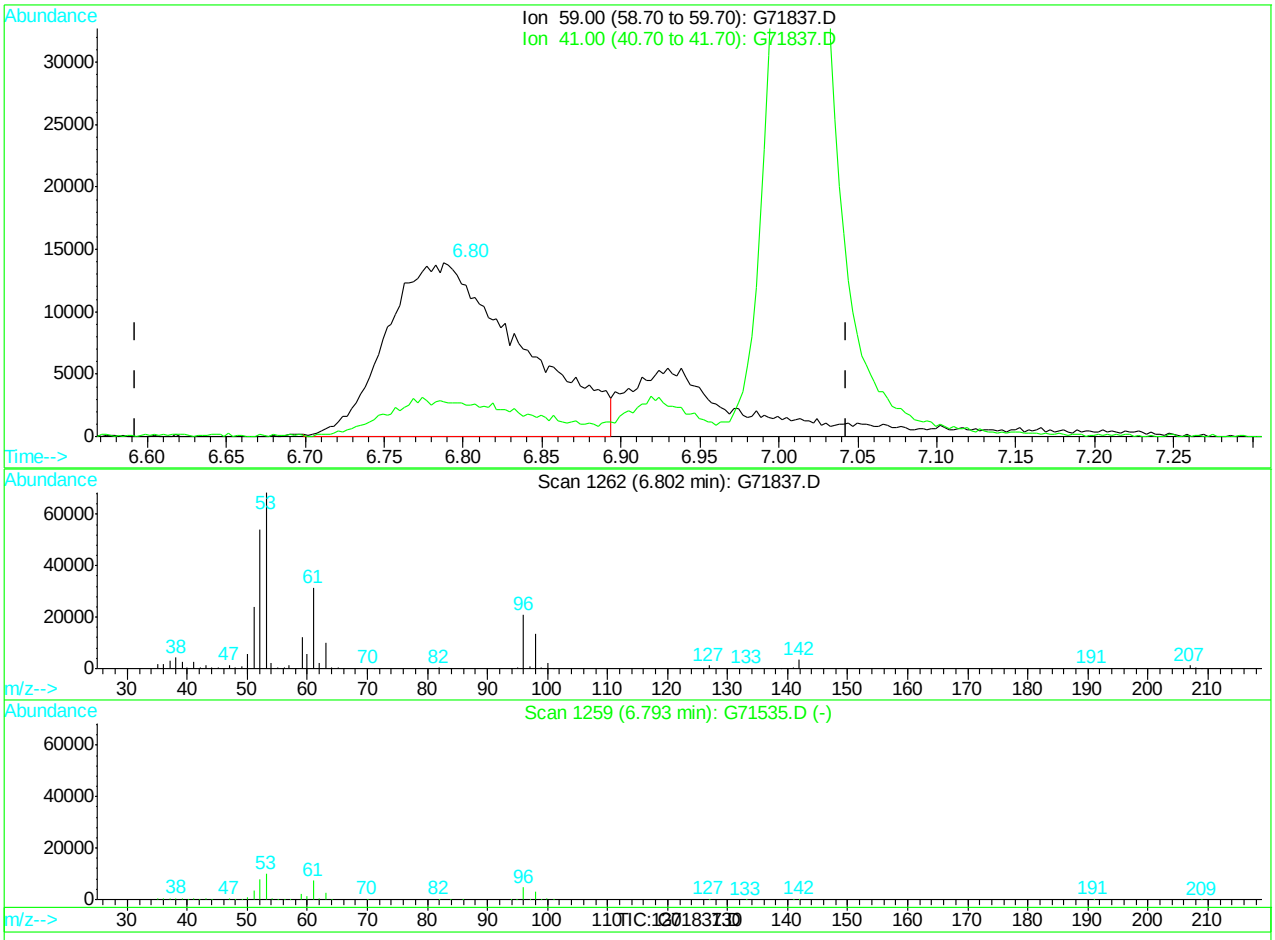
Ion	Exp%	Act%
59.00	100	100
41.00	18.40	27.99
0.00	0.00	0.00
0.00	0.00	0.00

G71837.D G071007W.M Mon Jul 23 10:31:37 2007 RP1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71837.D Vial: 2
Acq On : 23 Jul 2007 9:54 am Operator: kimt
Sample : bs Inst : 5973 G
Misc : ms13981,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 10:31 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration



(2) tertiary butyl alcohol (M)

6.80min 424.54ppb m

response 82233

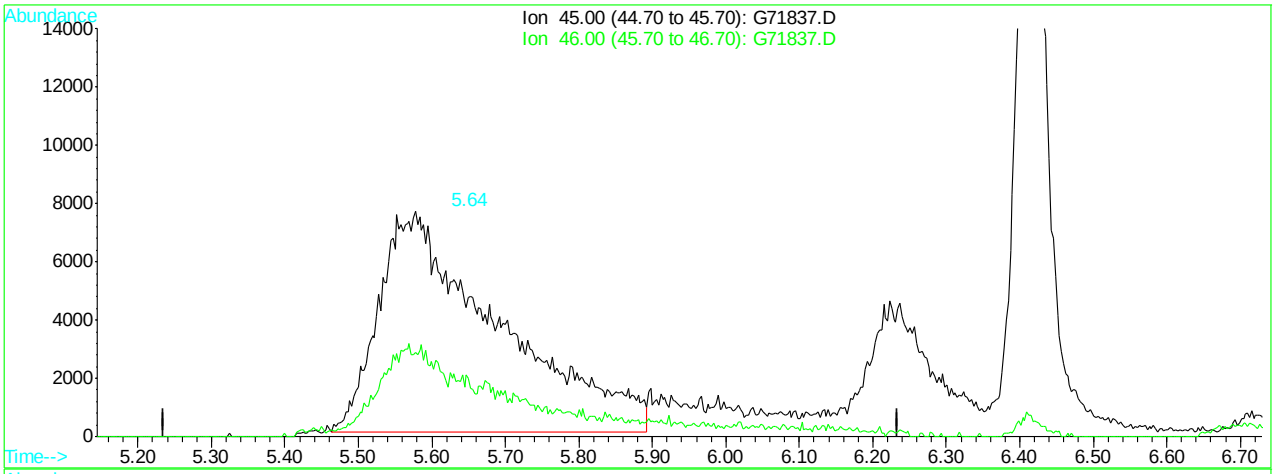
Ion	Exp%	Act%
59.00	100	100
41.00	18.40	20.61
0.00	0.00	0.00
0.00	0.00	0.00

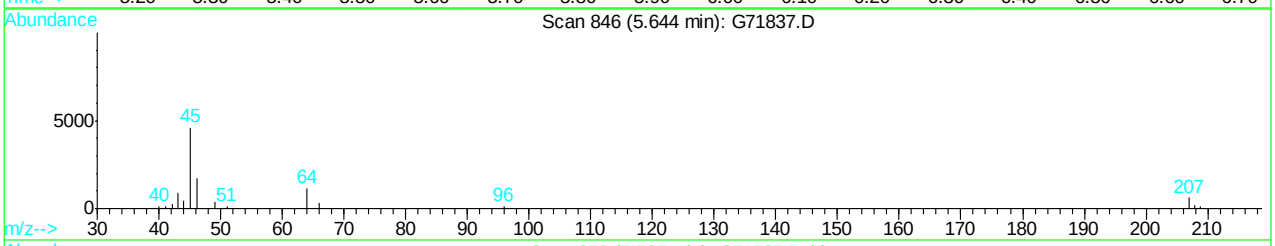
G71837.D G071007W.M Mon Jul 23 10:31:44 2007 RP1

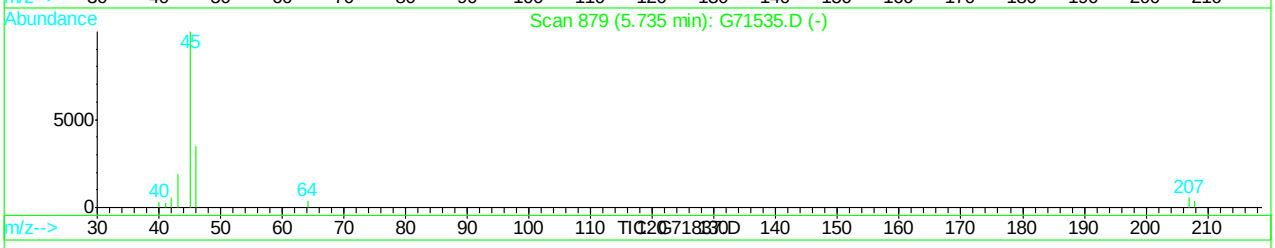
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71837.D Vial: 2
Acq On : 23 Jul 2007 9:54 am Operator: kimt
Sample : bs Inst : 5973 G
Misc : ms13981,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 10:31 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration







(4) Ethanol (T)

5.64min 4387.72ppb

response 85782

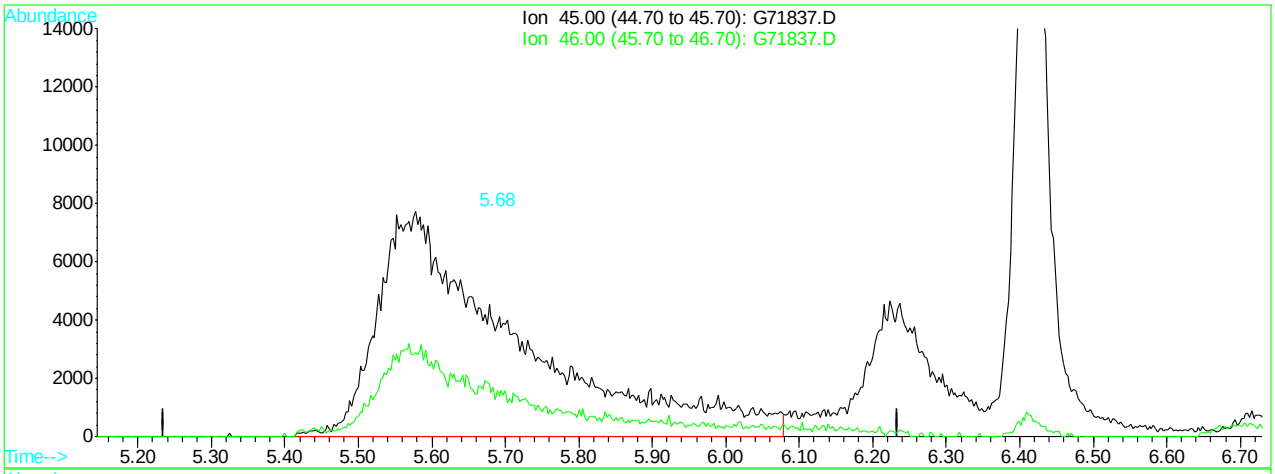
Ion	Exp%	Act%
45.00	100	100
46.00	37.70	38.26
0.00	0.00	0.00
0.00	0.00	0.00

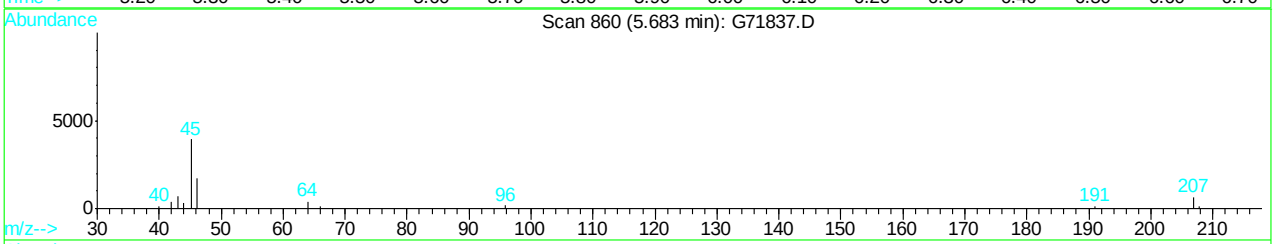
G71837.D G071007W.M Mon Jul 23 10:31:55 2007 RP1

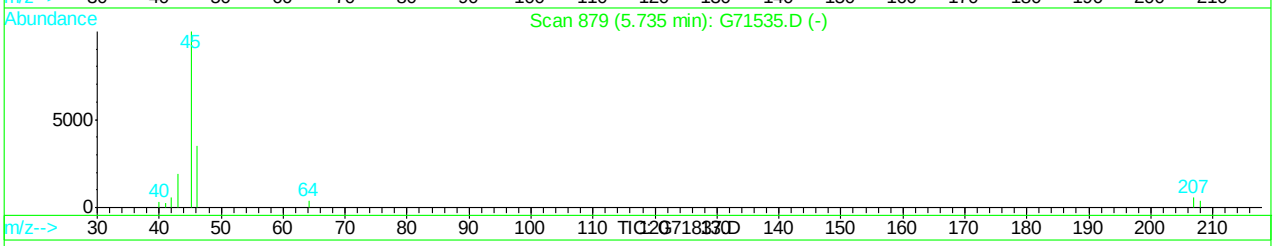
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71837.D Vial: 2
Acq On : 23 Jul 2007 9:54 am Operator: kimt
Sample : bs Inst : 5973 G
Misc : ms13981,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 10:32 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration







(4) Ethanol (T)

5.68min 5176.70ppb m

response 101207

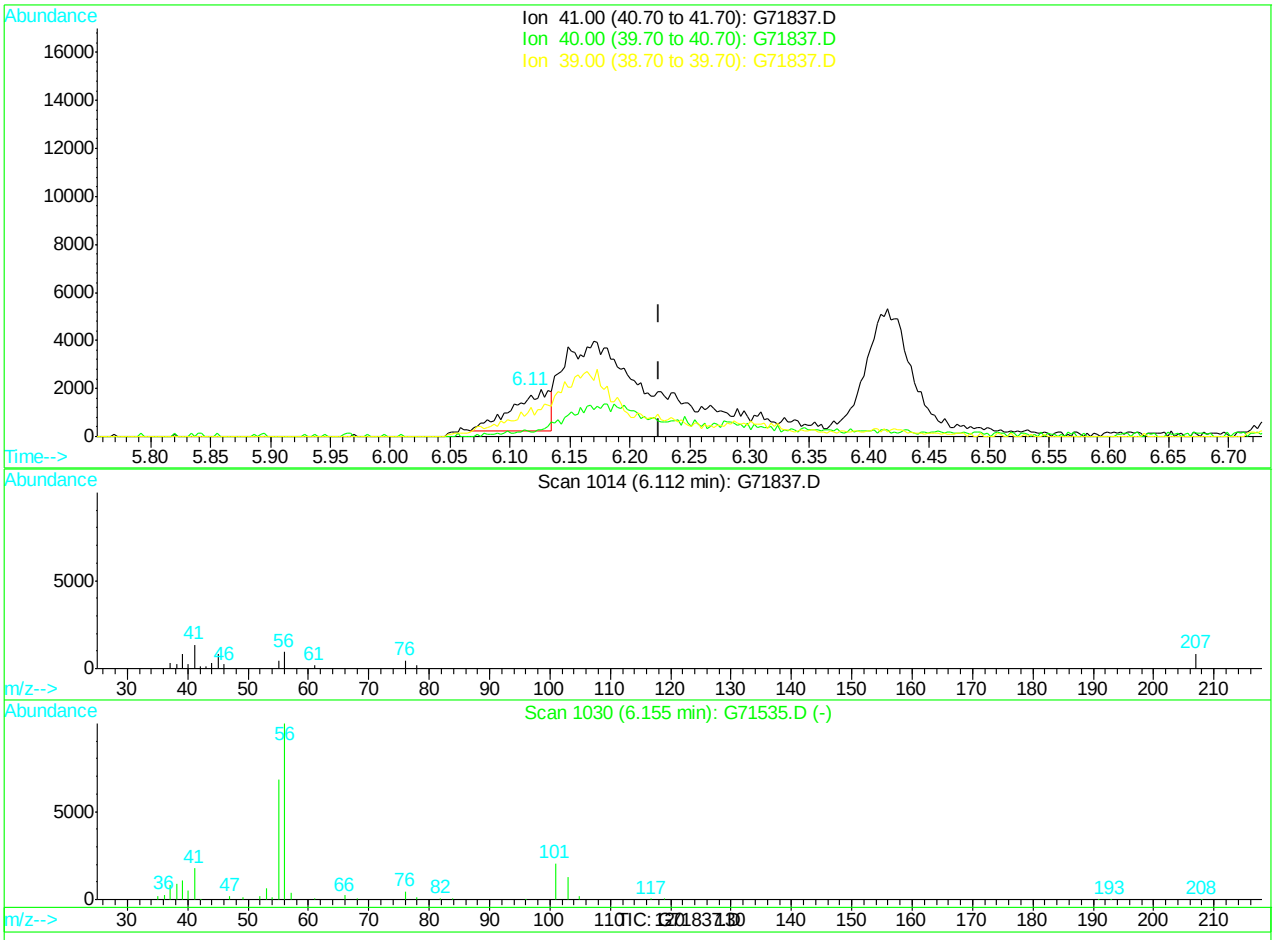
Ion	Exp%	Act%
45.00	100	100
46.00	37.70	32.43
0.00	0.00	0.00
0.00	0.00	0.00

G71837.D G071007W.M Mon Jul 23 10:32:03 2007 RP1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71837.D Vial: 2
Acq On : 23 Jul 2007 9:54 am Operator: kimt
Sample : bs Inst : 5973 G
Misc : ms13981,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 10:32 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration



(11) acetonitrile (M)

6.11min 9.41ppb

response 3679

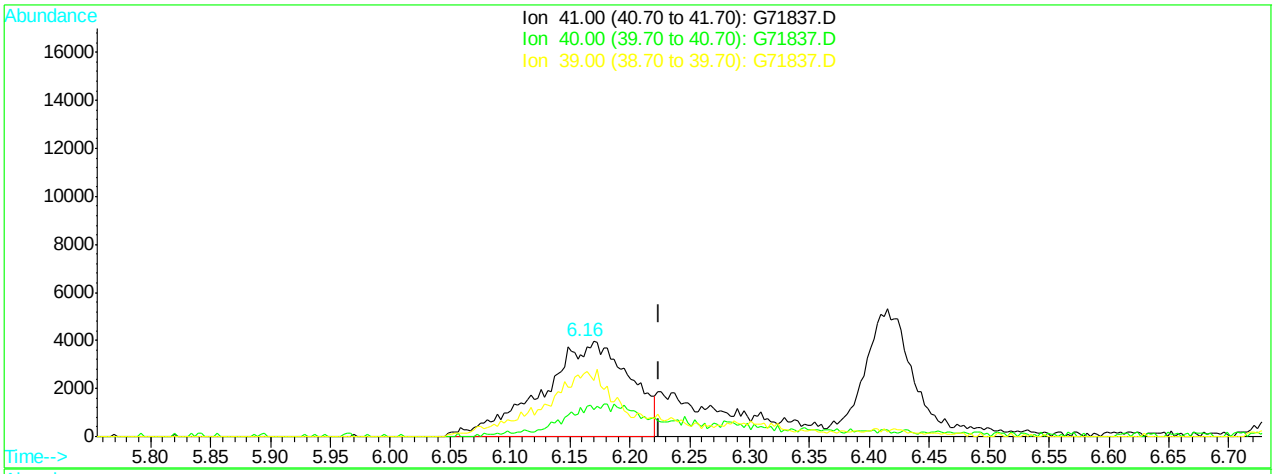
Ion	Exp%	Act%
41.00	100	100
40.00	29.50	23.32
39.00	60.60	56.65
0.00	0.00	0.00

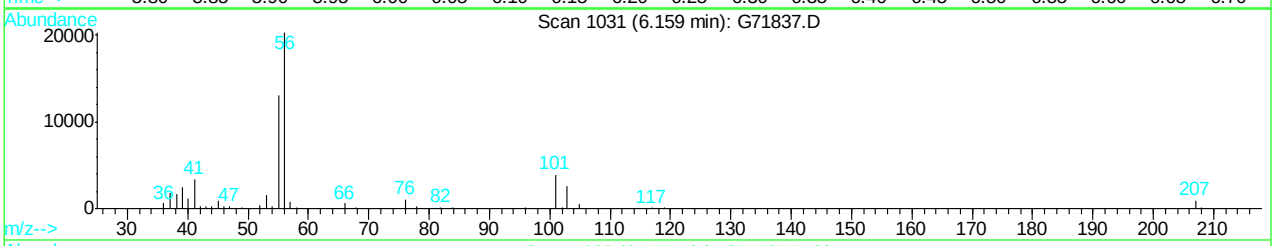
G71837.D G071007W.M Mon Jul 23 10:32:10 2007 RP1

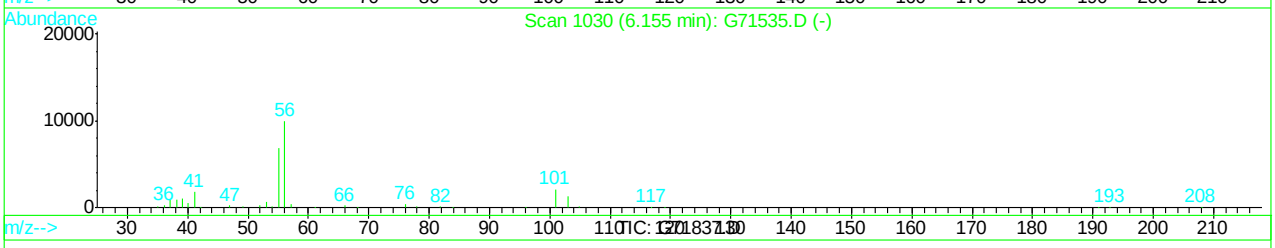
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71837.D Vial: 2
Acq On : 23 Jul 2007 9:54 am Operator: kimt
Sample : bs Inst : 5973 G
Misc : ms13981,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 10:32 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration







(11) acetonitrile (M)

6.16min 44.98ppb m

response 20176

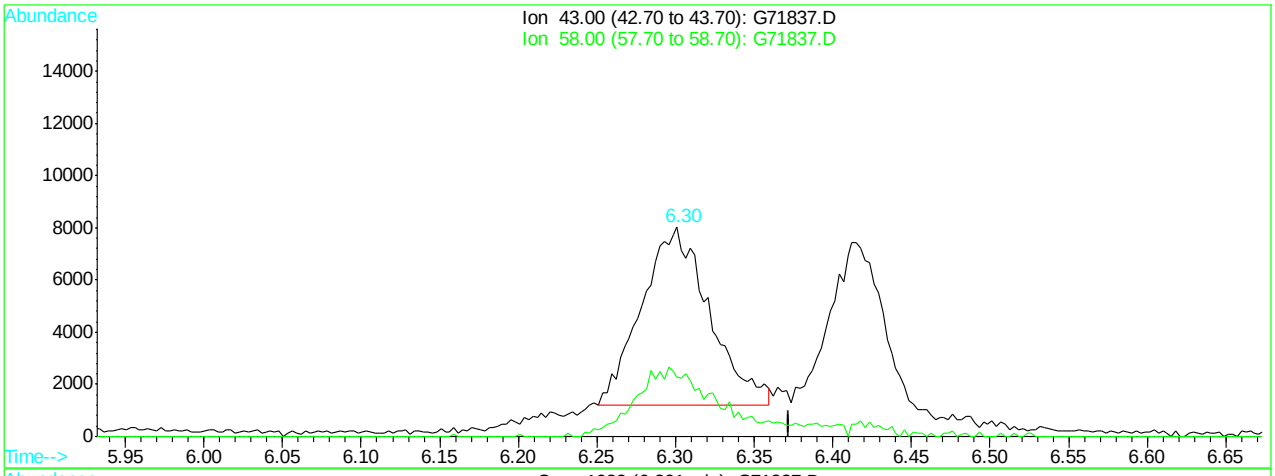
Ion	Exp%	Act%
41.00	100	100
40.00	29.50	35.69
39.00	60.60	71.26
0.00	0.00	0.00

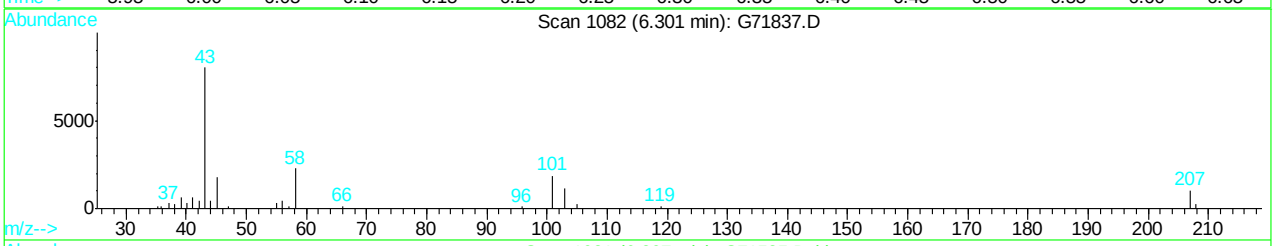
G71837.D G071007W.M Mon Jul 23 10:32:15 2007 RP1

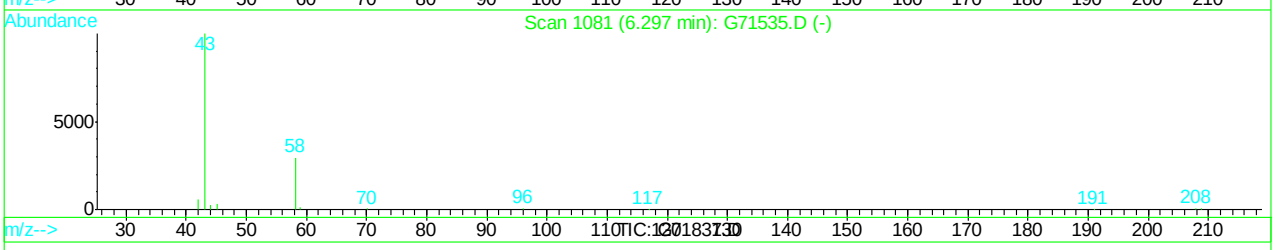
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71837.D Vial: 2
Acq On : 23 Jul 2007 9:54 am Operator: kimt
Sample : bs Inst : 5973 G
Misc : ms13981,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 10:32 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration







(16) acetone (M)

6.30min 24.21ppb

response 20300

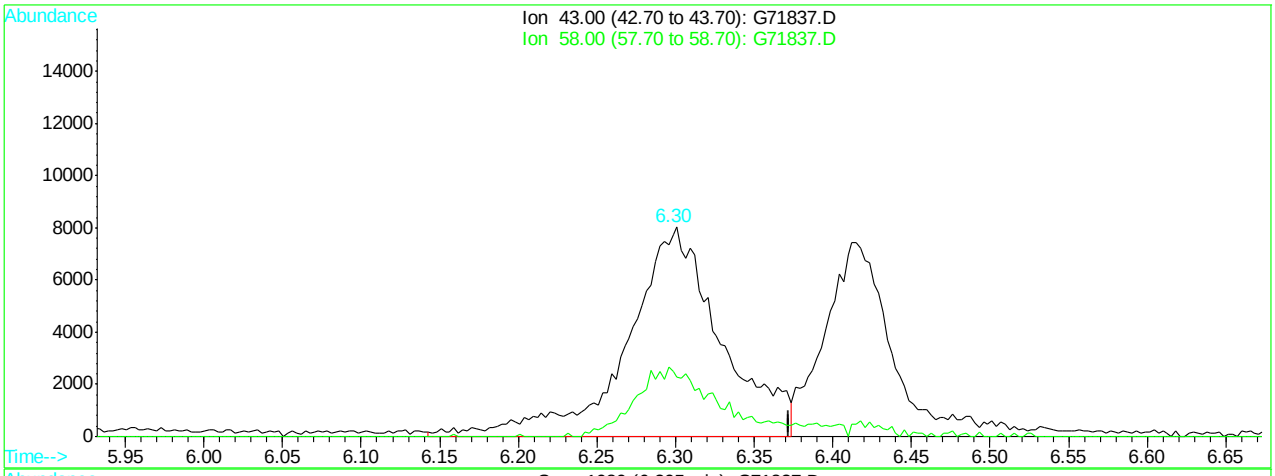
Ion	Exp%	Act%
43.00	100	100
58.00	28.80	29.86
0.00	0.00	0.00
0.00	0.00	0.00

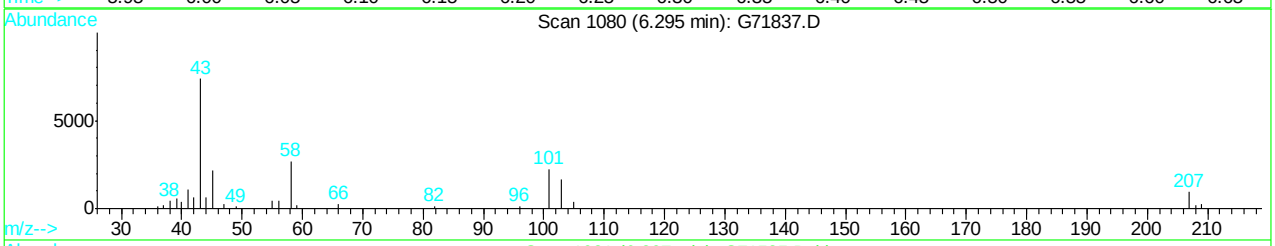
G71837.D G071007W.M Mon Jul 23 10:32:22 2007 RP1

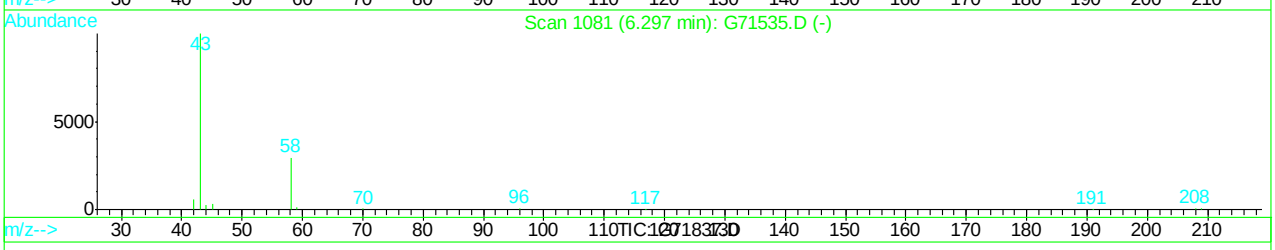
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71837.D Vial: 2
Acq On : 23 Jul 2007 9:54 am Operator: kimt
Sample : bs Inst : 5973 G
Misc : ms13981,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 10:32 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration







(16) acetone (M)

6.30min 39.91ppb m

response 33459

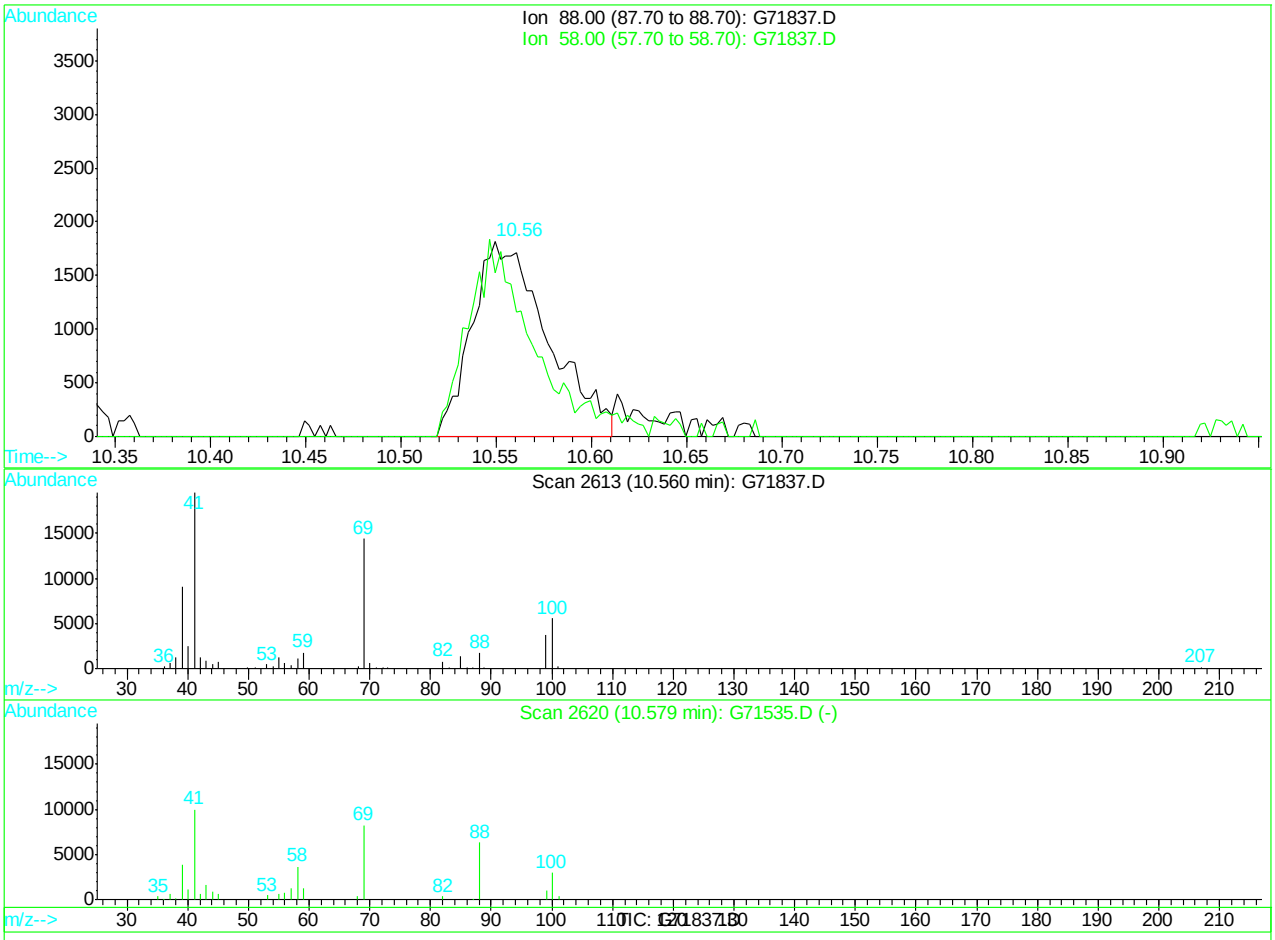
Ion	Exp%	Act%
43.00	100	100
58.00	28.80	36.40
0.00	0.00	0.00
0.00	0.00	0.00

G71837.D G071007W.M Mon Jul 23 10:32:28 2007 RP1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71837.D Vial: 2
Acq On : 23 Jul 2007 9:54 am Operator: kimt
Sample : bs Inst : 5973 G
Misc : ms13981,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 10:32 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration



(58) 1,4-dioxane (M)

10.56min 228.70ppb

response 5000

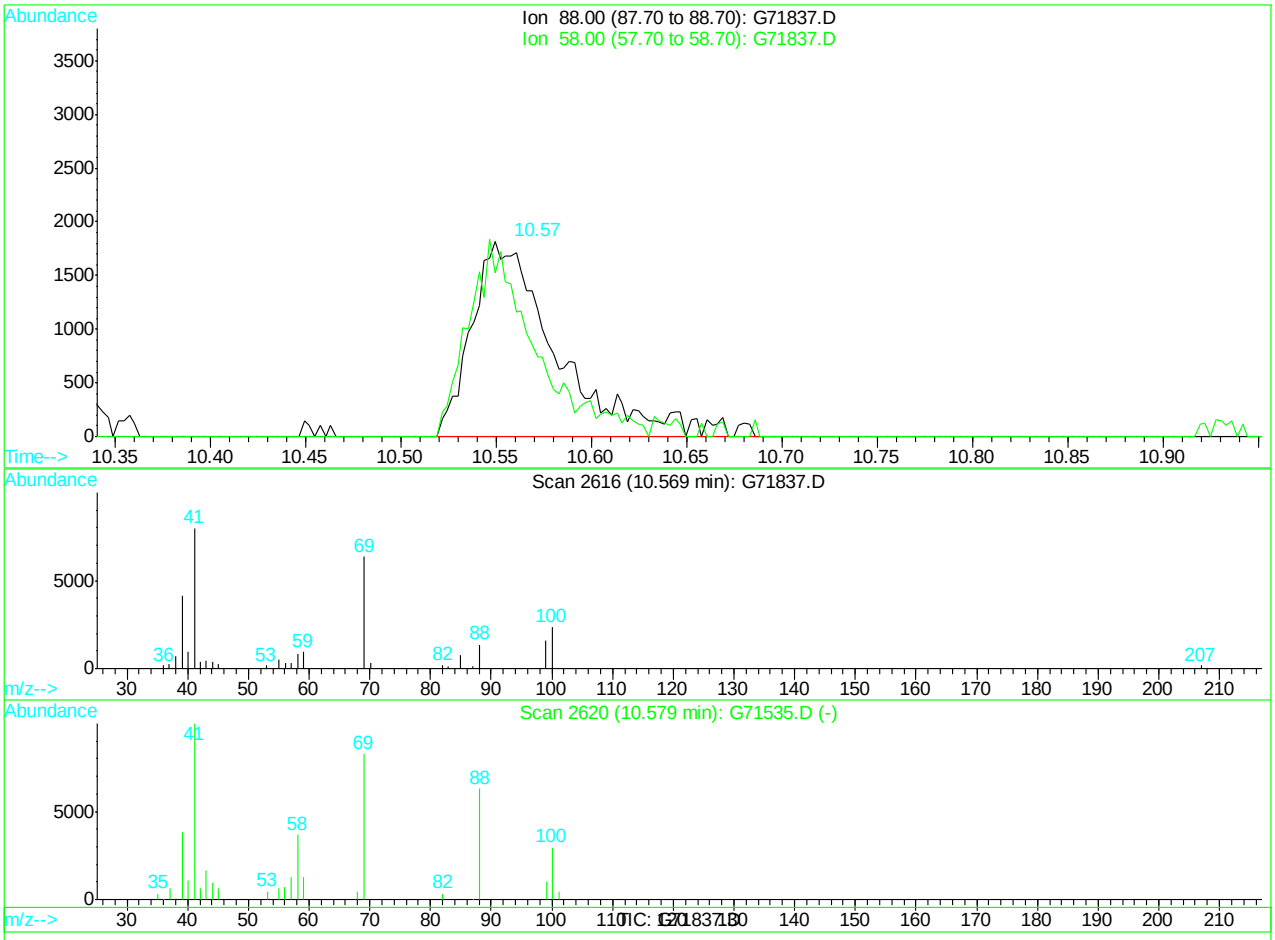
Ion	Exp%	Act%
88.00	100	100
58.00	58.20	67.74
0.00	0.00	0.00
0.00	0.00	0.00

G71837.D G071007W.M Mon Jul 23 10:32:35 2007 RP1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71837.D Vial: 2
Acq On : 23 Jul 2007 9:54 am Operator: kimt
Sample : bs Inst : 5973 G
Misc : ms13981,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 10:32 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration



(58) 1,4-dioxane (M)

10.57min 255.16ppb m

response 5664

Ion	Exp%	Act%
88.00	100	100
58.00	58.20	63.56
0.00	0.00	0.00
0.00	0.00	0.00

G71837.D G071007W.M Mon Jul 23 10:32:41 2007 RP1

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
07/24/07 14:00

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71838.D Vial: 3
Acq On : 23 Jul 2007 10:21 am Operator: kimt
Sample : bsd Inst : 5973 G
Misc : ms13981,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 10:51 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration
DataAcq Meth : G8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.72	65	8309	50.00	ppb	0.00
3) pentafluorobenzene	9.11	168	233101	50.00	ppb	0.00
43) 1,4-difluorobenzene	9.98	114	345443	50.00	ppb	0.00
66) chlorobenzene-d5	13.24	82	178149	50.00	ppb	0.00
80) 1,4-dichlorobenzene-d4	15.80	152	196559	50.00	ppb	0.00

System Monitoring Compounds

40) dibromofluoromethane (s)	8.75	113	108827	50.32	ppb	0.00
Spiked Amount 50.000	Range 83 - 127		Recovery = 100.64%			
60) toluene-d8 (s)	11.78	98	422128	49.09	ppb	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 98.18%			
82) bromofluorobenzene (s)	14.47	95	165193	47.18	ppb	0.00
Spiked Amount 50.000	Range 81 - 119		Recovery = 94.36%			

Target Compounds

							Qvalue
2) tertiary butyl alcohol	6.80	59	80718m	410.35	ppb		
4) Ethanol	5.70	45	103559	5336.75	ppb	#	37
5) dichlorodifluoromethane	4.44	85	53622	28.26	ppb		98
6) chloromethane	4.71	50	110507	44.37	ppb		96
7) vinyl chloride	4.95	62	110866	44.52	ppb		99
8) bromomethane	5.45	96	72528	45.08	ppb		93
9) chloroethane	5.58	64	78131	45.21	ppb		98
10) ethyl ether	6.42	59	91290	40.29	ppb		100
11) acetonitrile	6.16	41	18602	41.89	ppb		82
12) trichlorofluoromethane	6.23	101	128978	42.44	ppb		99
13) freon-113	6.99	101	97287	46.62	ppb		97
14) acrolein	6.17	56	73270	298.85	ppb		100
15) 1,1-dichloroethene	6.79	96	94705	42.09	ppb		97
16) acetone	6.29	43	33108m	39.79	ppb		
17) Methyl Acetate	6.94	43	133269	34.32	ppb		99
18) methylene chloride	6.93	84	126042	45.44	ppb		98
19) methyl tert butyl ether	7.71	73	329536	43.12	ppb		100
20) acrylonitrile	6.81	53	225767	211.91	ppb		97
21) allyl chloride	7.02	41	173705	43.63	ppb		99
22) trans-1,2-dichloroethene	7.61	96	109735	44.72	ppb		99
23) iodomethane	6.85	142	192773	44.51	ppb		98
24) carbon disulfide	7.22	76	285206	38.77	ppb		99
25) propionitrile	6.81	54	8082	46.83	ppb		100
26) vinyl acetate	7.95	43	230436	103.19	ppb		98
27) chloroprene	8.23	53	137772	44.73	ppb		100
28) di-isopropyl ether	8.27	45	391416	41.11	ppb		98
29) methacrylonitrile	8.37	41	70646	39.77	ppb		96
30) 2-butanone	8.26	72	14729	44.10	ppb	#	74
31) Hexane	8.25	41	134759	37.21	ppb		92
32) 1,1-dichloroethane	7.86	63	200846	44.64	ppb		100
33) tert-butyl ethyl ether	8.66	59	362010	41.43	ppb		100
34) isobutyl alcohol	8.68	43	55321	202.13	ppb		85
35) 2,2-dichloropropane	8.73	77	150841	58.42	ppb		98
36) cis-1,2-dichloroethene	8.43	96	122844	42.37	ppb		97
38) bromochloromethane	8.60	128	64749	47.39	ppb		99

(#) = qualifier out of range (m) = manual integration
G71838.D G071007W.M Mon Jul 23 10:51:40 2007 RP1

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71838.D Vial: 3
Acq On : 23 Jul 2007 10:21 am Operator: kimt
Sample : bsd Inst : 5973 G
Misc : ms13981,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 10:51 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration
DataAcq Meth : G8260

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
39) chloroform	8.63	83	195000	44.66 ppb		98
41) Tetrahydrofuran	8.96	42	33430	39.36 ppb		97
42) 1,1,1-trichloroethane	9.39	97	164204	44.35 ppb		99
44) Cyclohexane	9.69	56	173549	37.87 ppb		99
45) carbon tetrachloride	9.76	117	149193	44.32 ppb		99
46) 1,1-dichloropropene	9.56	75	140135	43.12 ppb		99
47) benzene	9.79	78	443444	44.45 ppb		100
48) 1,2-dichloroethane	9.28	62	136422	42.51 ppb		98
49) tert-amyl methyl ether	9.91	73	341709	40.17 ppb		98
50) heptane	10.26	43	113201	36.01 ppb		98
51) trichloroethene	10.40	95	107403	39.10 ppb		99
52) 1,2-dichloropropane	10.37	63	116614	44.96 ppb		100
53) dibromomethane	10.34	93	70302	43.57 ppb		95
54) bromodichloromethane	10.46	83	147557	42.43 ppb		100
55) Methylcyclohexane	10.93	83	159842	38.31 ppb		98
56) 2-chloroethyl vinyl ether	10.82	63	6432	25.21 ppb		99
57) methyl methacrylate	10.55	69	79610	45.25 ppb		98
58) 1,4-dioxane	10.57	88	5209	236.68 ppb		85
59) cis-1,3-dichloropropene	11.07	75	182839	47.47 ppb		100
61) 4-methyl-2-pentanone	11.17	43	113128	40.53 ppb		100
62) toluene	11.86	92	278980	42.33 ppb		100
63) trans-1,3-dichloropropene	11.49	75	155624	46.90 ppb		98
64) 1,1,2-trichloroethane	11.66	83	89175	45.24 ppb		98
65) ethyl methacrylate	11.87	69	157666	48.08 ppb		99
67) tetrachloroethene	12.60	166	116865	42.60 ppb		99
68) 1,3-dichloropropane	11.90	76	182957	45.20 ppb		99
69) dibromochloromethane	12.19	129	123747	45.19 ppb		99
70) 1,2-dibromoethane	12.45	107	105821	44.51 ppb		100
71) 2-hexanone	12.02	43	77567	41.63 ppb		100
72) chlorobenzene	13.28	112	322779	44.07 ppb		97
73) 1,1,1,2-tetrachloroethane	13.19	131	120893	47.89 ppb		99
74) ethylbenzene	13.45	91	518966	44.04 ppb		100
75) m,p-xylene	13.64	106	418274	83.66 ppb		99
76) o-xylene	14.05	106	206005	43.63 ppb		98
77) styrene	13.98	104	340400	48.35 ppb		98
78) bromoform	13.80	173	93195	46.20 ppb		96
79) trans-1,4-dichloro-2-buten	14.19	53	20993	31.02 ppb	#	53
81) isopropylbenzene	14.41	105	456831	40.02 ppb		99
83) bromobenzene	14.70	156	153069	41.53 ppb		95
84) 1,1,2,2-tetrachloroethane	14.05	83	145139	49.96 ppb		100
85) 1,2,3-trichloropropane	14.20	75	141312	38.46 ppb		100
86) n-propylbenzene	14.86	91	591972	39.16 ppb		100
87) 2-chlorotoluene	14.98	91	363015	39.18 ppb		100
88) 4-chlorotoluene	15.05	91	369706	38.78 ppb		97
89) 1,3,5-trimethylbenzene	15.14	105	416513	39.44 ppb		99
90) tert-butylbenzene	15.44	91	228661	40.04 ppb		97
91) 1,2,4-trimethylbenzene	15.55	105	430992	39.30 ppb		99
92) sec-butylbenzene	15.66	105	548481	40.80 ppb		100
93) 1,3-dichlorobenzene	15.77	146	258921	39.64 ppb		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71838.D Vial: 3
Acq On : 23 Jul 2007 10:21 am Operator: kimt
Sample : bsd Inst : 5973 G
Misc : ms13981,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 10:51 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration
DataAcq Meth : G8260

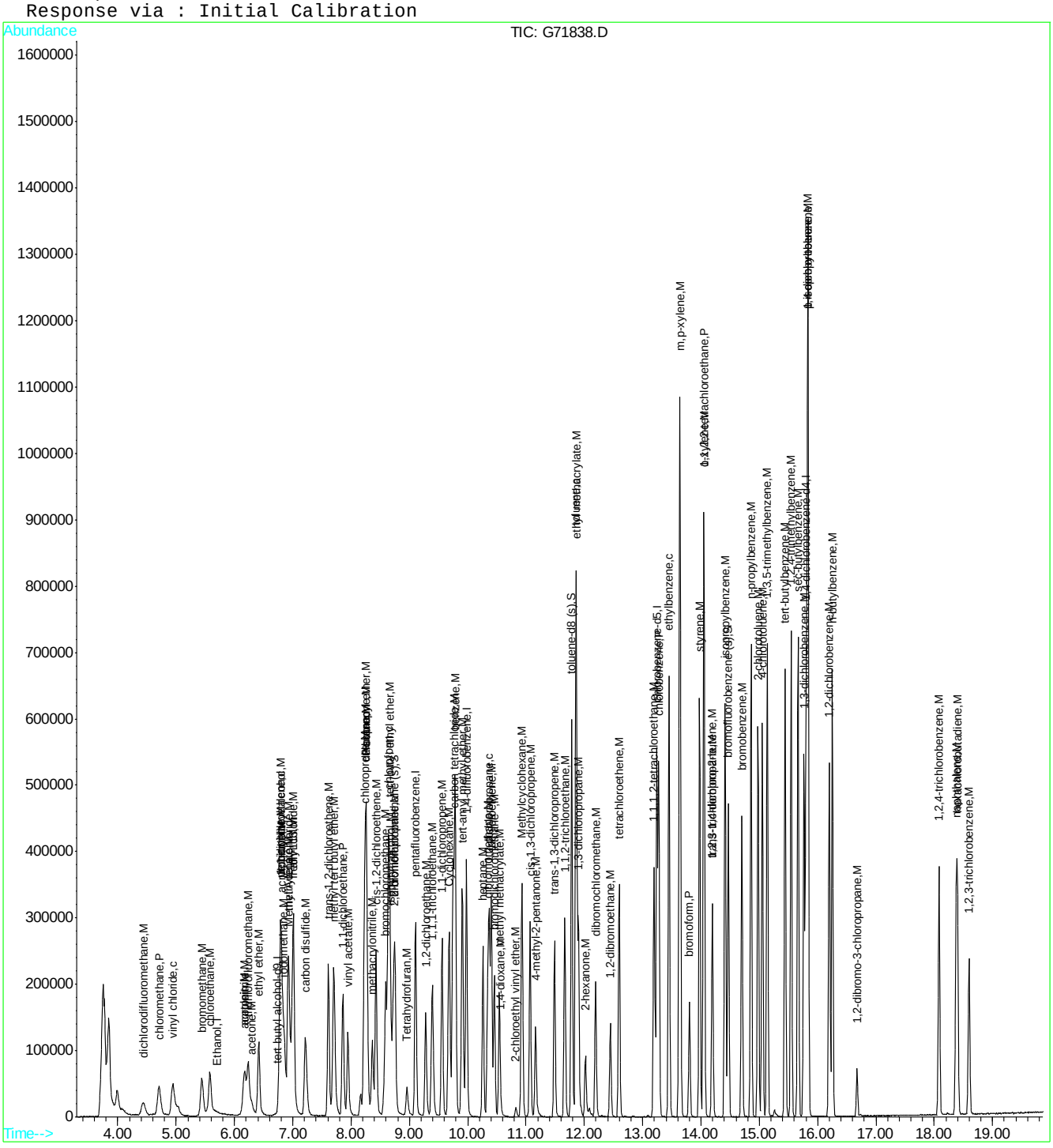
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
94)	p-isopropyltoluene	15.84	119	462648	40.16	ppb	99
95)	1,4-dichlorobenzene	15.83	146	280541	40.15	ppb	99
96)	1,2-dichlorobenzene	16.20	146	247693	41.10	ppb	99
97)	n-butylbenzene	16.25	91	400116	39.27	ppb	100
98)	1,2-dibromo-3-chloropropan	16.68	75	17940	38.69	ppb	96
99)	1,2,4-trichlorobenzene	18.08	180	142977	41.07	ppb	100
100)	hexachlorobutadiene	18.40	225	83414	42.91	ppb	97
101)	naphthalene	18.38	128	260737	41.59	ppb	100
102)	1,2,3-trichlorobenzene	18.60	180	96637	35.34	ppb	99

(#) = qualifier out of range (m) = manual integration
G71838.D G071007W.M Mon Jul 23 10:51:40 2007 RP1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\G71838.D Vial: 3
Acq On : 23 Jul 2007 10:21 am Operator: kimt
Sample : bsd Inst : 5973 G
Misc : ms13981,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 10:51 2007 Quant Results File: G071007W.RES

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration

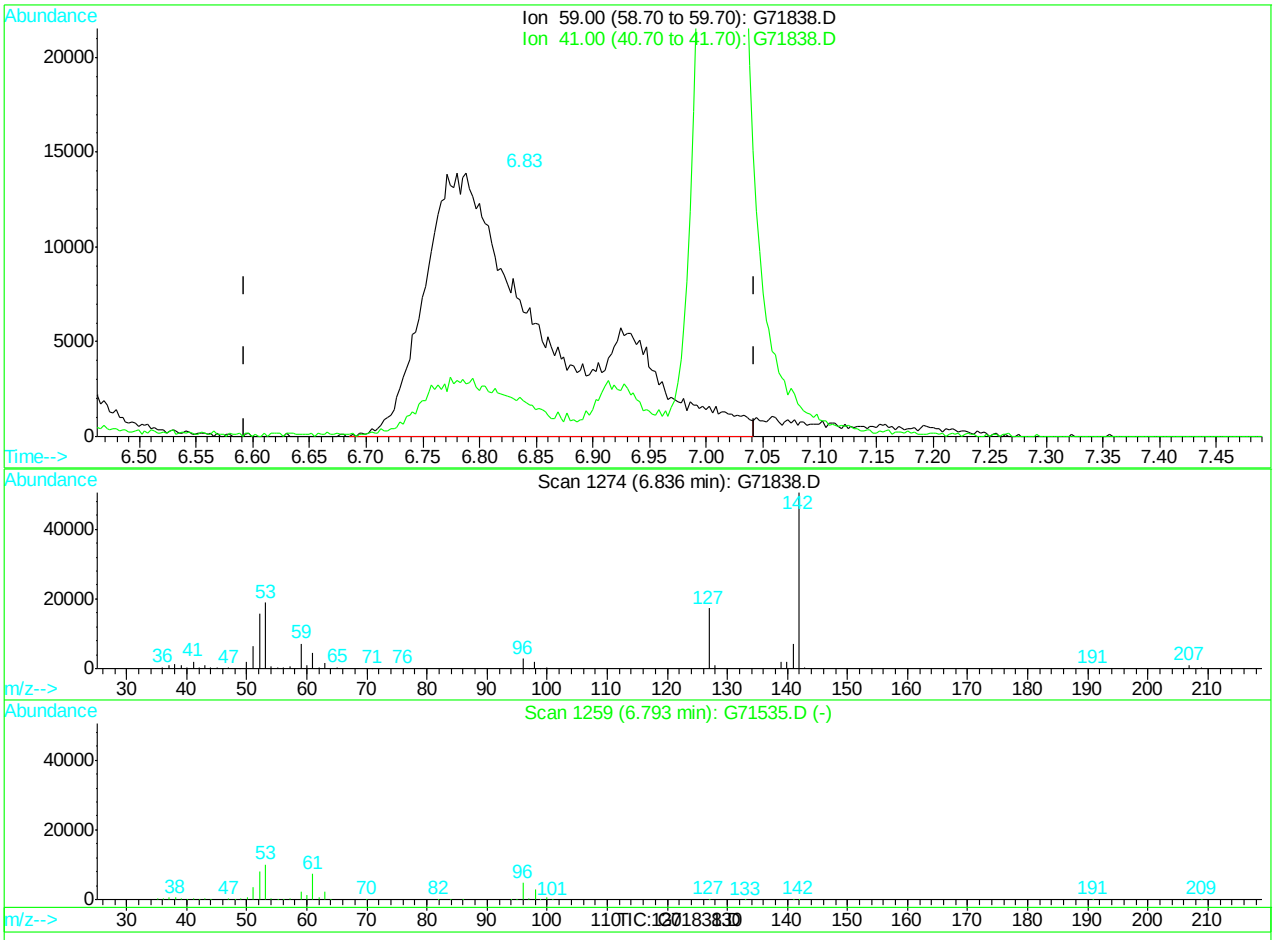


ACCUTEST Laboratories M66438

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71838.D Vial: 3
Acq On : 23 Jul 2007 10:21 am Operator: kimt
Sample : bsd Inst : 5973 G
Misc : ms13981,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 10:50 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration



(2) tertiary butyl alcohol (M)

6.83min 532.87ppb

response 104819

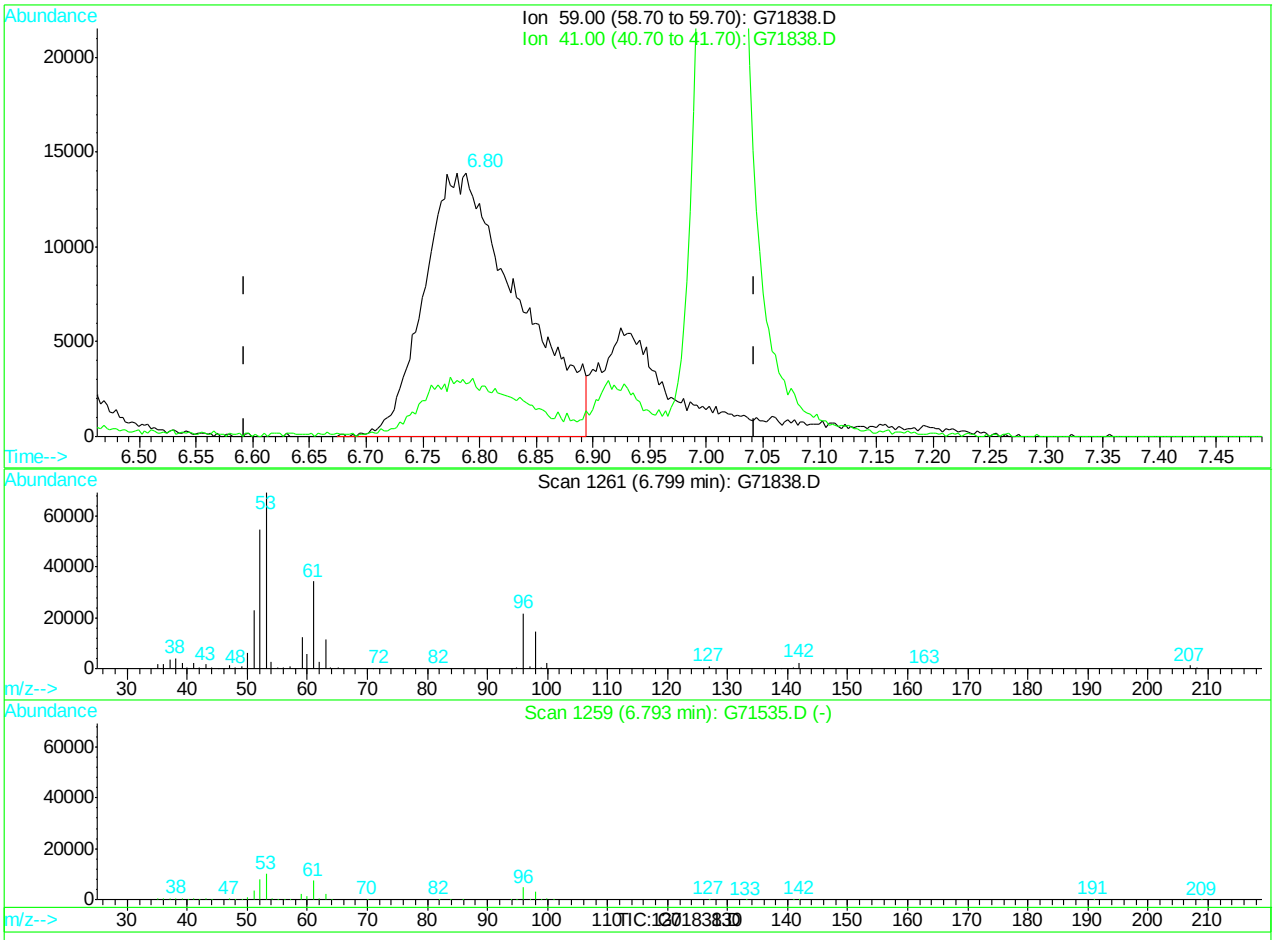
Ion	Exp%	Act%
59.00	100	100
41.00	18.40	26.45
0.00	0.00	0.00
0.00	0.00	0.00

G71838.D G071007W.M Mon Jul 23 10:50:38 2007 RP1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71838.D Vial: 3
Acq On : 23 Jul 2007 10:21 am Operator: kimt
Sample : bsd Inst : 5973 G
Misc : ms13981,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 10:50 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration



(2) tertiary butyl alcohol (M)

6.80min 410.35ppb m

response 80718

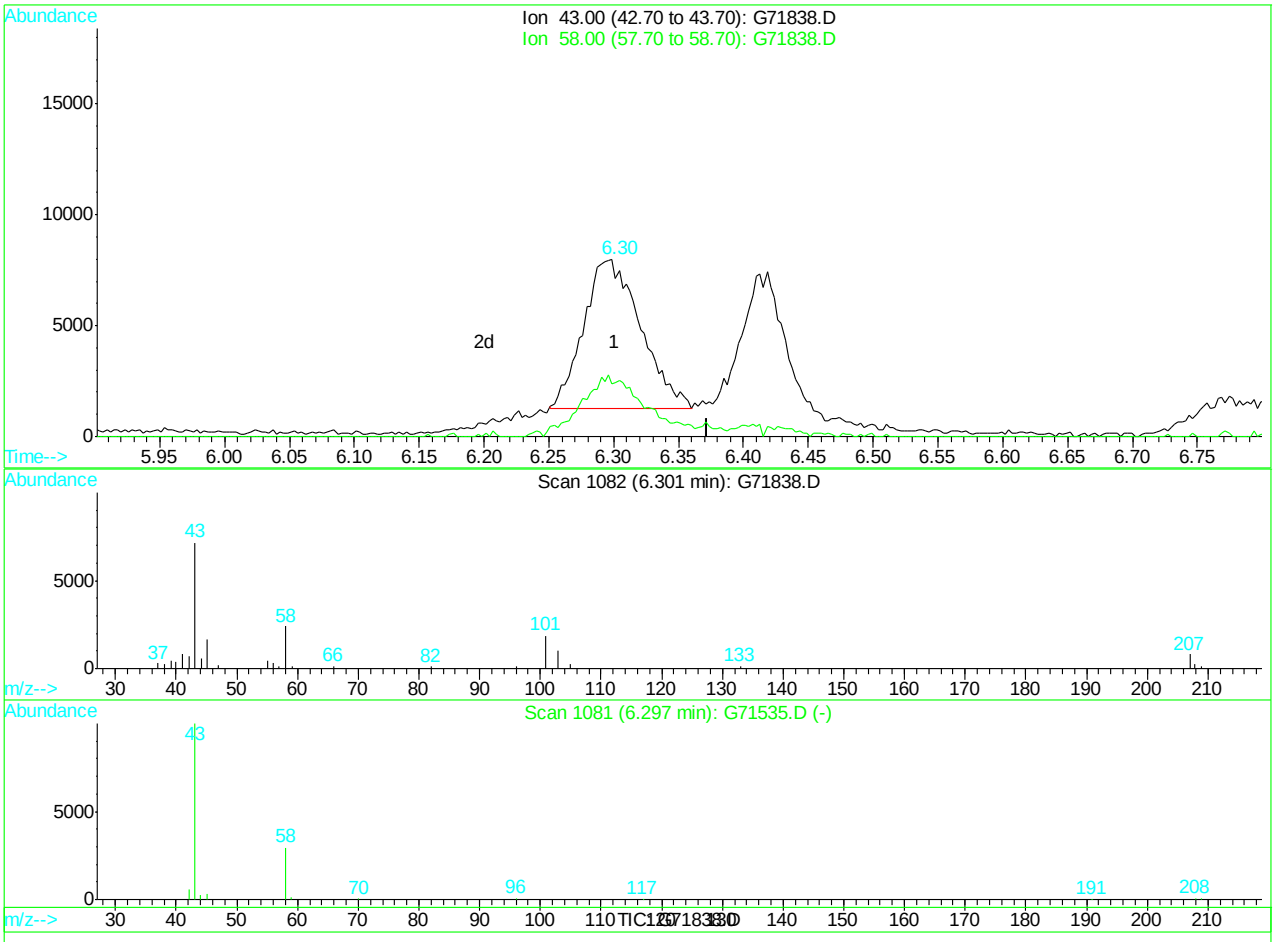
Ion	Exp%	Act%
59.00	100	100
41.00	18.40	19.46
0.00	0.00	0.00
0.00	0.00	0.00

G71838.D G071007W.M Mon Jul 23 10:50:47 2007 RP1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71838.D Vial: 3
Acq On : 23 Jul 2007 10:21 am Operator: kimt
Sample : bsd Inst : 5973 G
Misc : ms13981,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 10:50 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration



(16) acetone (M)

6.30min 24.70ppb

response 20552

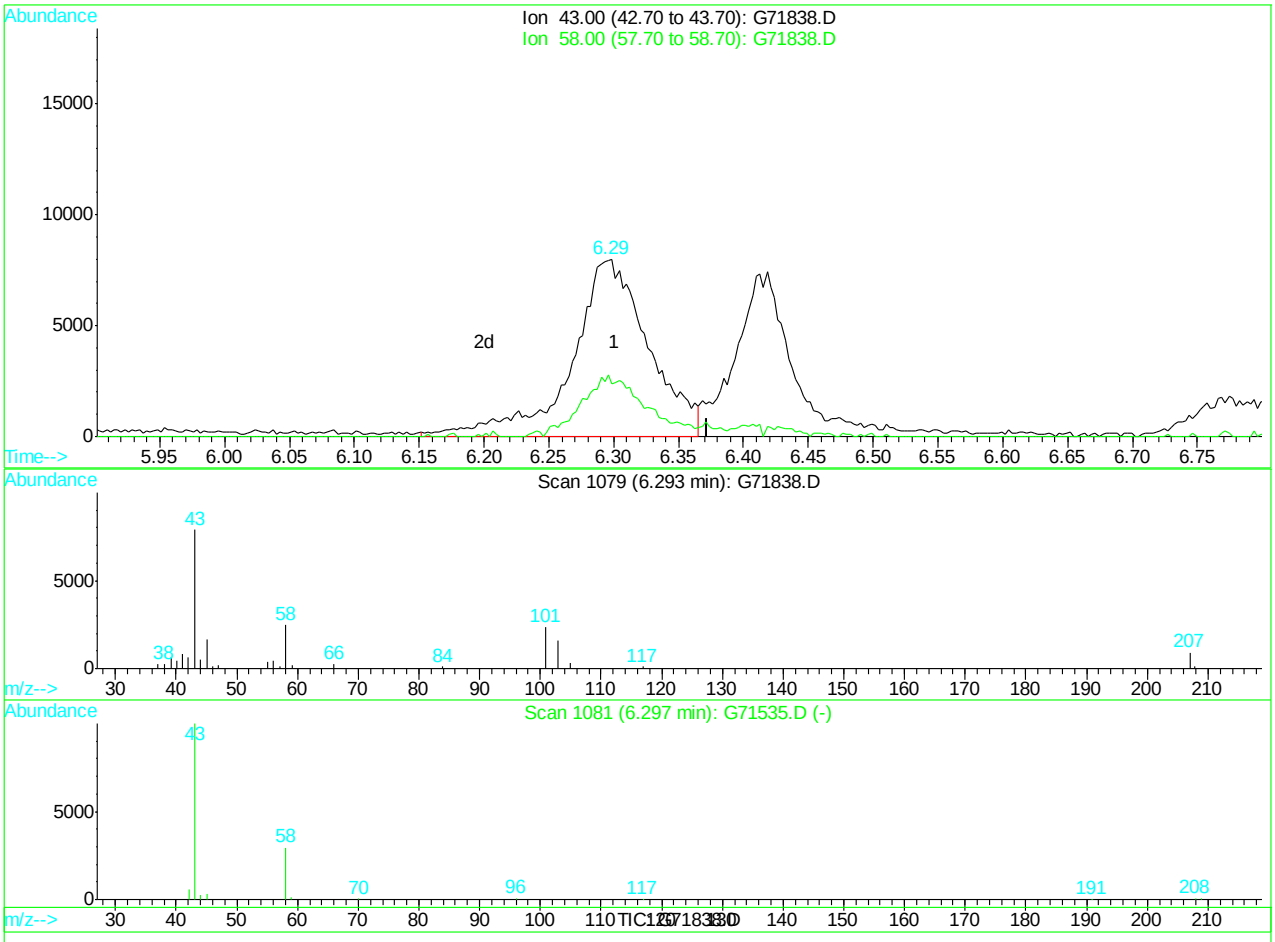
Ion	Exp%	Act%
43.00	100	100
58.00	28.80	32.83
0.00	0.00	0.00
0.00	0.00	0.00

G71838.D G071007W.M Mon Jul 23 10:51:10 2007 RP1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71838.D Vial: 3
Acq On : 23 Jul 2007 10:21 am Operator: kimt
Sample : bsd Inst : 5973 G
Misc : ms13981,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 10:51 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration



(16) acetone (M)

6.29min 39.79ppb m

response 33108

Ion	Exp%	Act%
43.00	100	100
58.00	28.80	31.29
0.00	0.00	0.00
0.00	0.00	0.00

G71838.D G071007W.M Mon Jul 23 10:51:16 2007 RP1

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani 07/25/07 15:54

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71890.D Vial: 2
Acq On : 24 Jul 2007 9:08 am Operator: kimt
Sample : bs Inst : 5973 G
Misc : ms13993,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:39 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration
DataAcq Meth : G8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.72	65	5772	50.00	ppb	0.00
3) pentafluorobenzene	9.11	168	244120	50.00	ppb	0.00
43) 1,4-difluorobenzene	9.98	114	355715	50.00	ppb	0.00
66) chlorobenzene-d5	13.24	82	176495	50.00	ppb	0.00
80) 1,4-dichlorobenzene-d4	15.80	152	194251	50.00	ppb	0.00

System Monitoring Compounds

40) dibromofluoromethane (s)	8.75	113	109444	48.32	ppb	0.00
Spiked Amount 50.000	Range 83 - 127		Recovery = 96.64%			
60) toluene-d8 (s)	11.78	98	420404	47.48	ppb	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 94.96%			
82) bromofluorobenzene (s)	14.47	95	158821	45.90	ppb	0.00
Spiked Amount 50.000	Range 81 - 119		Recovery = 91.80%			

Target Compounds

							Qvalue
2) tertiary butyl alcohol	6.79	59	76482m	559.71	ppb		
4) Ethanol	5.70	45	92374m	4545.48	ppb		
5) dichlorodifluoromethane	4.44	85	137502	69.21	ppb		98
6) chloromethane	4.71	50	141434	54.22	ppb		100
7) vinyl chloride	4.95	62	141524	54.26	ppb		99
8) bromomethane	5.44	96	85668	51.22	ppb		97
9) chloroethane	5.58	64	89651	49.53	ppb		99
10) ethyl ether	6.42	59	93034	39.20	ppb		99
11) acetonitrile	6.16	41	19972m	42.90	ppb		
12) trichlorofluoromethane	6.23	101	151257	47.52	ppb		97
13) freon-113	6.99	101	118477	54.21	ppb		97
14) acrolein	6.17	56	62313	242.69	ppb		99
15) 1,1-dichloroethene	6.79	96	109555	46.50	ppb		97
16) acetone	6.30	43	41849m	48.02	ppb		
17) Methyl Acetate	6.94	43	119305	29.34	ppb		98
18) methylene chloride	6.93	84	133099	45.82	ppb		96
19) methyl tert butyl ether	7.71	73	329425	41.16	ppb		100
20) acrylonitrile	6.82	53	230264	206.37	ppb		97
21) allyl chloride	7.02	41	185684	44.54	ppb		100
22) trans-1,2-dichloroethene	7.61	96	123707	48.14	ppb		97
23) iodomethane	6.85	142	221865	48.92	ppb		99
24) carbon disulfide	7.22	76	398932	51.78	ppb		99
25) propionitrile	6.81	54	7973	44.54	ppb		100
26) vinyl acetate	7.95	43	211836	92.67	ppb		99
27) chloroprene	8.23	53	151269	46.89	ppb		100
28) di-isopropyl ether	8.27	45	397048	39.82	ppb		92
29) methacrylonitrile	8.37	41	75892	40.80	ppb		93
30) 2-butanone	8.26	72	16424	46.95	ppb	#	68
31) Hexane	8.25	41	180337	47.55	ppb		96
32) 1,1-dichloroethane	7.86	63	210596	44.69	ppb		99
33) tert-butyl ethyl ether	8.66	59	366335	40.03	ppb		98
34) isobutyl alcohol	8.68	43	56842	198.32	ppb		84
35) 2,2-dichloropropane	8.73	77	158172	58.50	ppb		96
36) cis-1,2-dichloroethene	8.43	96	129658	42.70	ppb		97
38) bromochloromethane	8.60	128	68828	48.10	ppb		96

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71890.D Vial: 2
Acq On : 24 Jul 2007 9:08 am Operator: kimt
Sample : bs Inst : 5973 G
Misc : ms13993,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:39 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration
DataAcq Meth : G8260

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
39) chloroform	8.63	83	203705	44.55 ppb		98
41) Tetrahydrofuran	8.96	42	34740	39.05 ppb		97
42) 1,1,1-trichloroethane	9.39	97	172823	44.57 ppb		99
44) Cyclohexane	9.69	56	229284	48.58 ppb		98
45) carbon tetrachloride	9.76	117	162440	46.86 ppb		99
46) 1,1-dichloropropene	9.56	75	158029	47.23 ppb		99
47) benzene	9.79	78	476236	46.36 ppb		100
48) 1,2-dichloroethane	9.28	62	141070	42.69 ppb		98
49) tert-amyl methyl ether	9.91	73	346977	39.61 ppb		98
50) heptane	10.26	43	183325	56.63 ppb		99
51) trichloroethene	10.40	95	121050	42.80 ppb		99
52) 1,2-dichloropropane	10.37	63	122566	45.89 ppb		99
53) dibromomethane	10.34	93	75023	45.16 ppb		96
54) bromodichloromethane	10.46	83	153962	42.99 ppb		96
55) Methylcyclohexane	10.93	83	215773	50.22 ppb		98
57) methyl methacrylate	10.54	69	81974	45.25 ppb		96
58) 1,4-dioxane	10.57	88	5029	223.75 ppb		77
59) cis-1,3-dichloropropene	11.07	75	192332	48.49 ppb		99
61) 4-methyl-2-pentanone	11.17	43	114612	39.88 ppb		99
62) toluene	11.86	92	303624	44.74 ppb		100
63) trans-1,3-dichloropropene	11.49	75	159834	46.78 ppb		100
64) 1,1,2-trichloroethane	11.66	83	92610	45.62 ppb		98
65) ethyl methacrylate	11.86	69	157228	46.56 ppb		98
67) tetrachloroethene	12.60	166	141307	52.00 ppb		99
68) 1,3-dichloropropane	11.90	76	188256	46.95 ppb		99
69) dibromochloromethane	12.19	129	127898	47.15 ppb		98
70) 1,2-dibromoethane	12.45	107	114538	48.63 ppb		100
71) 2-hexanone	12.02	43	84041	45.53 ppb		100
72) chlorobenzene	13.28	112	349002	48.10 ppb		99
73) 1,1,1,2-tetrachloroethane	13.19	131	126033	50.39 ppb		98
74) ethylbenzene	13.45	91	571045	48.91 ppb		100
75) m,p-xylene	13.64	106	473855	95.66 ppb		99
76) o-xylene	14.05	106	228234	48.79 ppb		95
77) styrene	13.98	104	367466	52.69 ppb		98
78) bromoform	13.80	173	96921	48.49 ppb		99
79) trans-1,4-dichloro-2-buten	14.19	53	19366	29.07 ppb	#	40
81) isopropylbenzene	14.41	105	513512	45.52 ppb		98
83) bromobenzene	14.70	156	167284	45.93 ppb		93
84) 1,1,2,2-tetrachloroethane	14.05	83	151986	52.94 ppb		98
85) 1,2,3-trichloropropane	14.19	75	142076	39.13 ppb		98
86) n-propylbenzene	14.86	91	689775	46.17 ppb		100
87) 2-chlorotoluene	14.98	91	401088	43.81 ppb		97
88) 4-chlorotoluene	15.05	91	413015	43.84 ppb		98
89) 1,3,5-trimethylbenzene	15.14	105	490100	46.96 ppb		99
90) tert-butylbenzene	15.44	91	258887	45.87 ppb		99
91) 1,2,4-trimethylbenzene	15.55	105	500115	46.15 ppb		99
92) sec-butylbenzene	15.66	105	641492	48.28 ppb		99
93) 1,3-dichlorobenzene	15.77	146	301532	46.72 ppb		97
94) p-isopropyltoluene	15.83	119	568749	49.95 ppb		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71890.D Vial: 2
Acq On : 24 Jul 2007 9:08 am Operator: kimt
Sample : bs Inst : 5973 G
Misc : ms13993,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:39 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration
DataAcq Meth : G8260

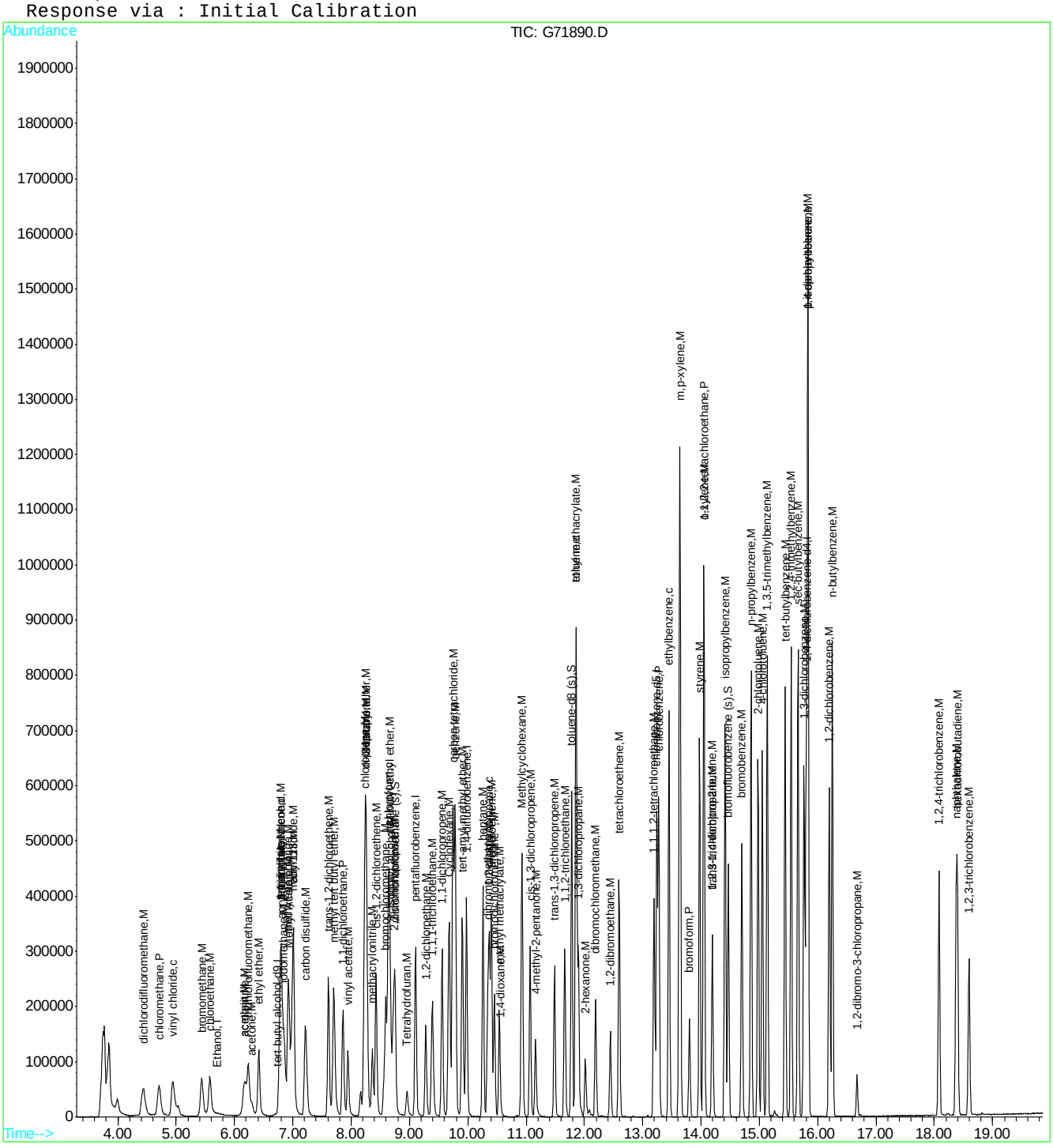
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
95)	1,4-dichlorobenzene	15.83	146	326328	47.25 ppb	99
96)	1,2-dichlorobenzene	16.20	146	276575	46.44 ppb	98
97)	n-butylbenzene	16.25	91	505258	50.18 ppb	99
98)	1,2-dibromo-3-chloropropan	16.68	75	19232	41.97 ppb	96
99)	1,2,4-trichlorobenzene	18.08	180	174152	50.62 ppb	99
100)	hexachlorobutadiene	18.40	225	102280	53.24 ppb	98
101)	naphthalene	18.37	128	309685	49.99 ppb	100
102)	1,2,3-trichlorobenzene	18.60	180	117156	43.23 ppb	100

(#) = qualifier out of range (m) = manual integration
G71890.D G071007W.M Tue Jul 24 09:39:51 2007 RP1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\G71890.D Vial: 2
Acq On : 24 Jul 2007 9:08 am Operator: kimt
Sample : bs Inst : 5973 G
Misc : ms13993,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:39 2007 Quant Results File: G071007W.RES

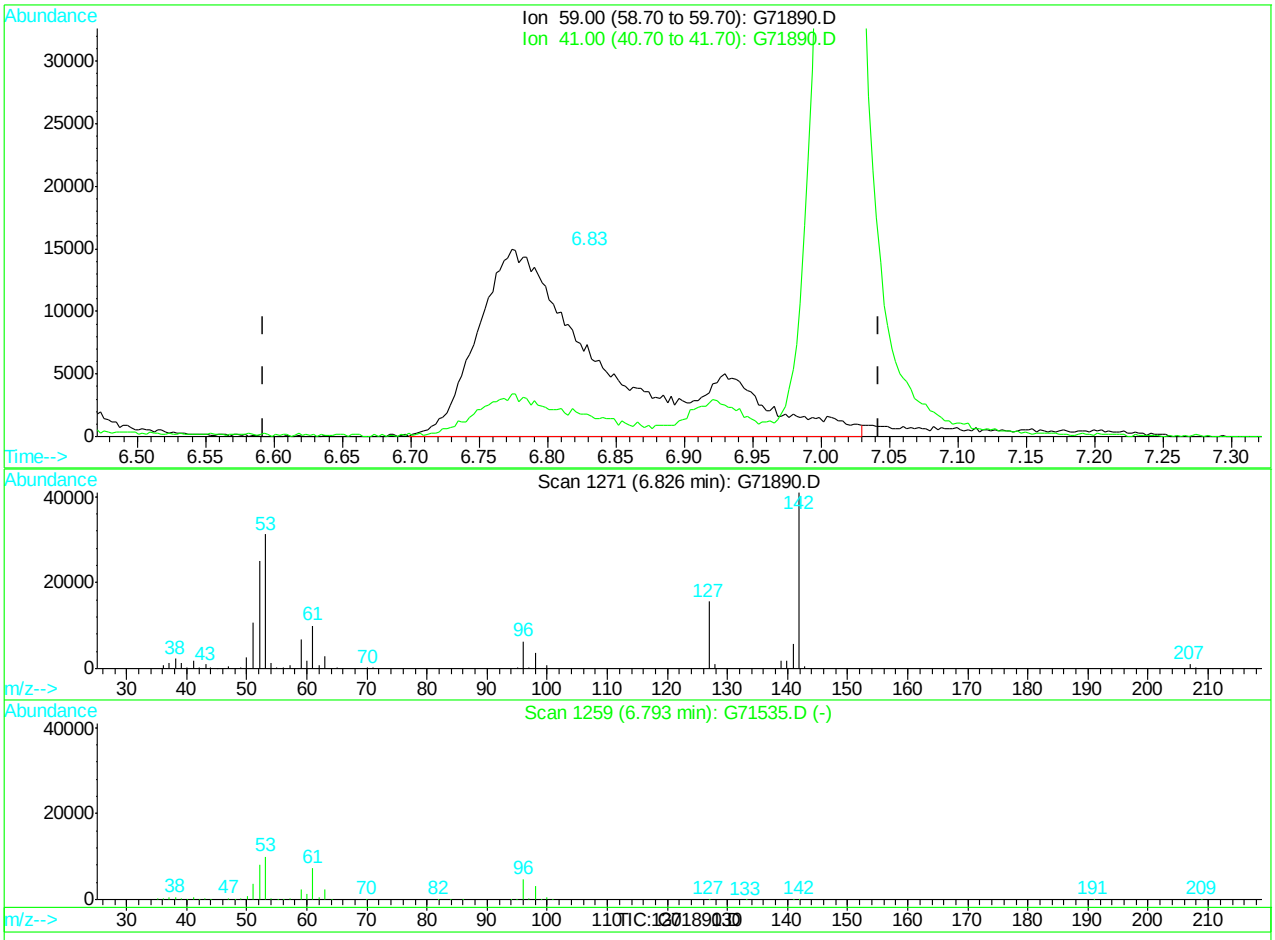
Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration



Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71890.D Vial: 2
Acq On : 24 Jul 2007 9:08 am Operator: kimt
Sample : bs Inst : 5973 G
Misc : ms13993,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:38 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration



(2) tertiary butyl alcohol (M)

6.83min 729.54ppb

response 99689

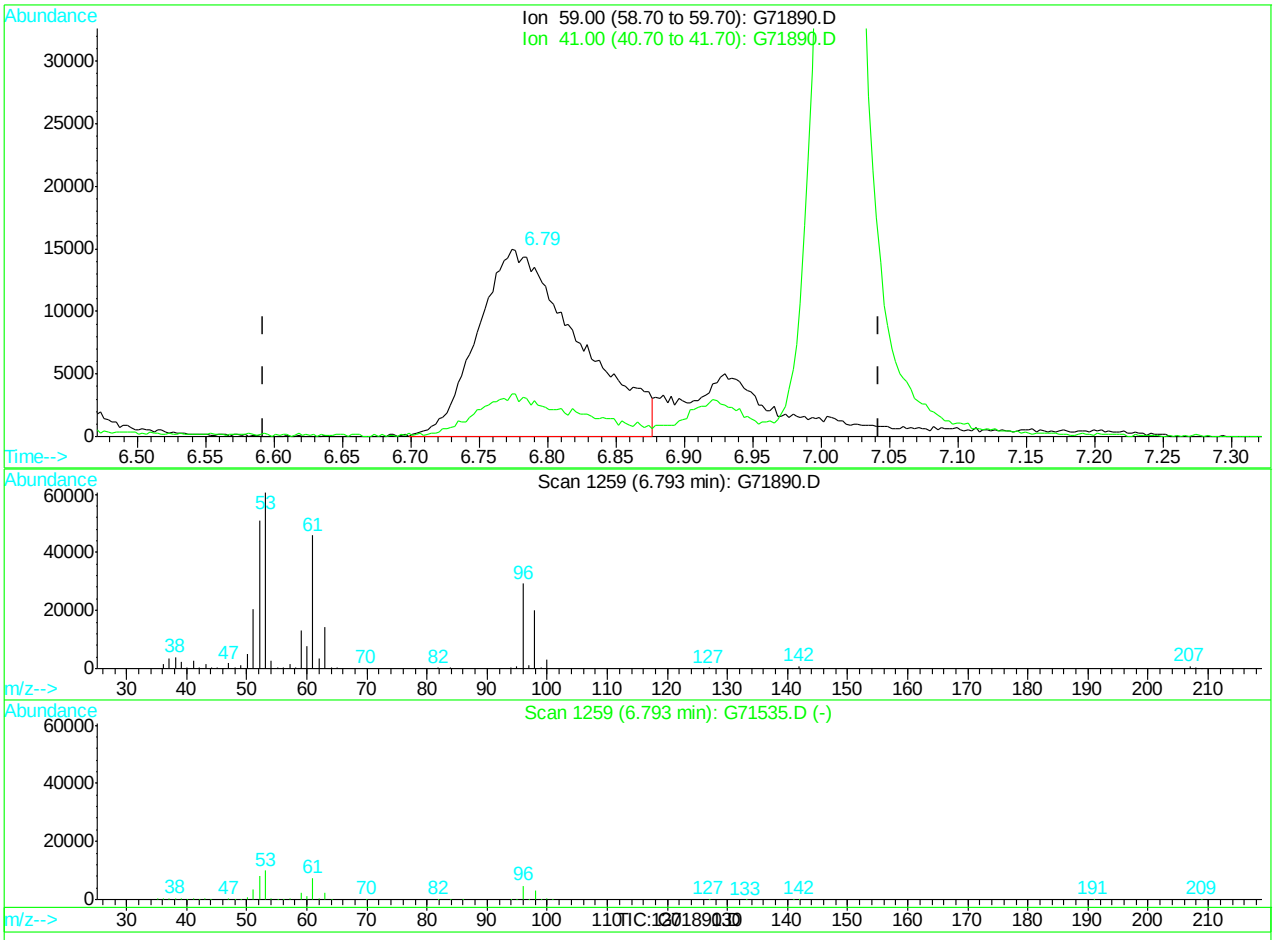
Ion	Exp%	Act%
59.00	100	100
41.00	18.40	23.41
0.00	0.00	0.00
0.00	0.00	0.00

G71890.D G071007W.M Tue Jul 24 09:38:32 2007 RP1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71890.D Vial: 2
Acq On : 24 Jul 2007 9:08 am Operator: kimt
Sample : bs Inst : 5973 G
Misc : ms13993,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:38 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration



(2) tertiary butyl alcohol (M)

6.79min 559.71ppb m

response 76482

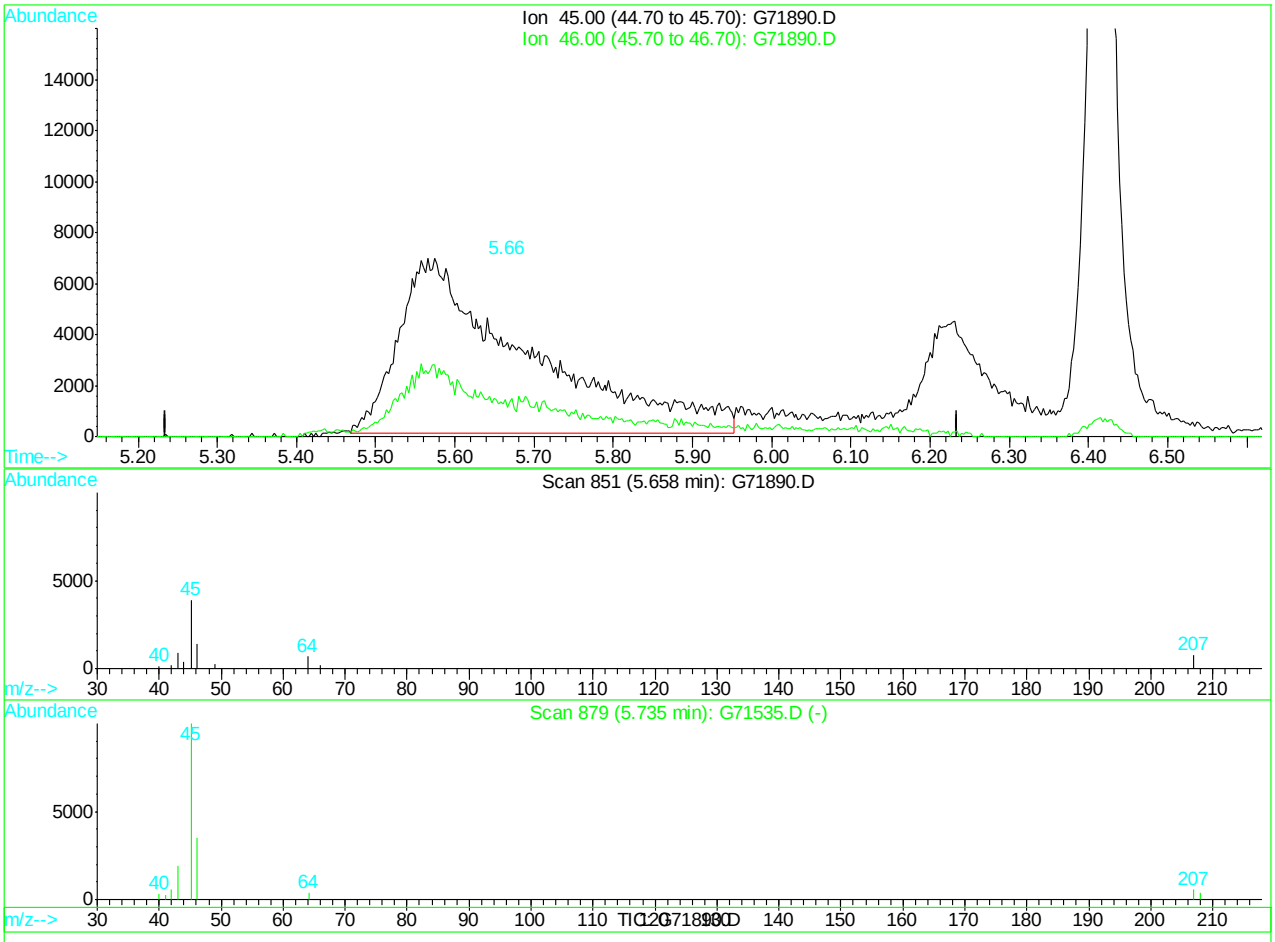
Ion	Exp%	Act%
59.00	100	100
41.00	18.40	19.51
0.00	0.00	0.00
0.00	0.00	0.00

G71890.D G071007W.M Tue Jul 24 09:38:45 2007 RP1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71890.D Vial: 2
Acq On : 24 Jul 2007 9:08 am Operator: kimt
Sample : bs Inst : 5973 G
Misc : ms13993,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:38 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration



(4) Ethanol (T)

5.66min 3802.00ppb

response 77265

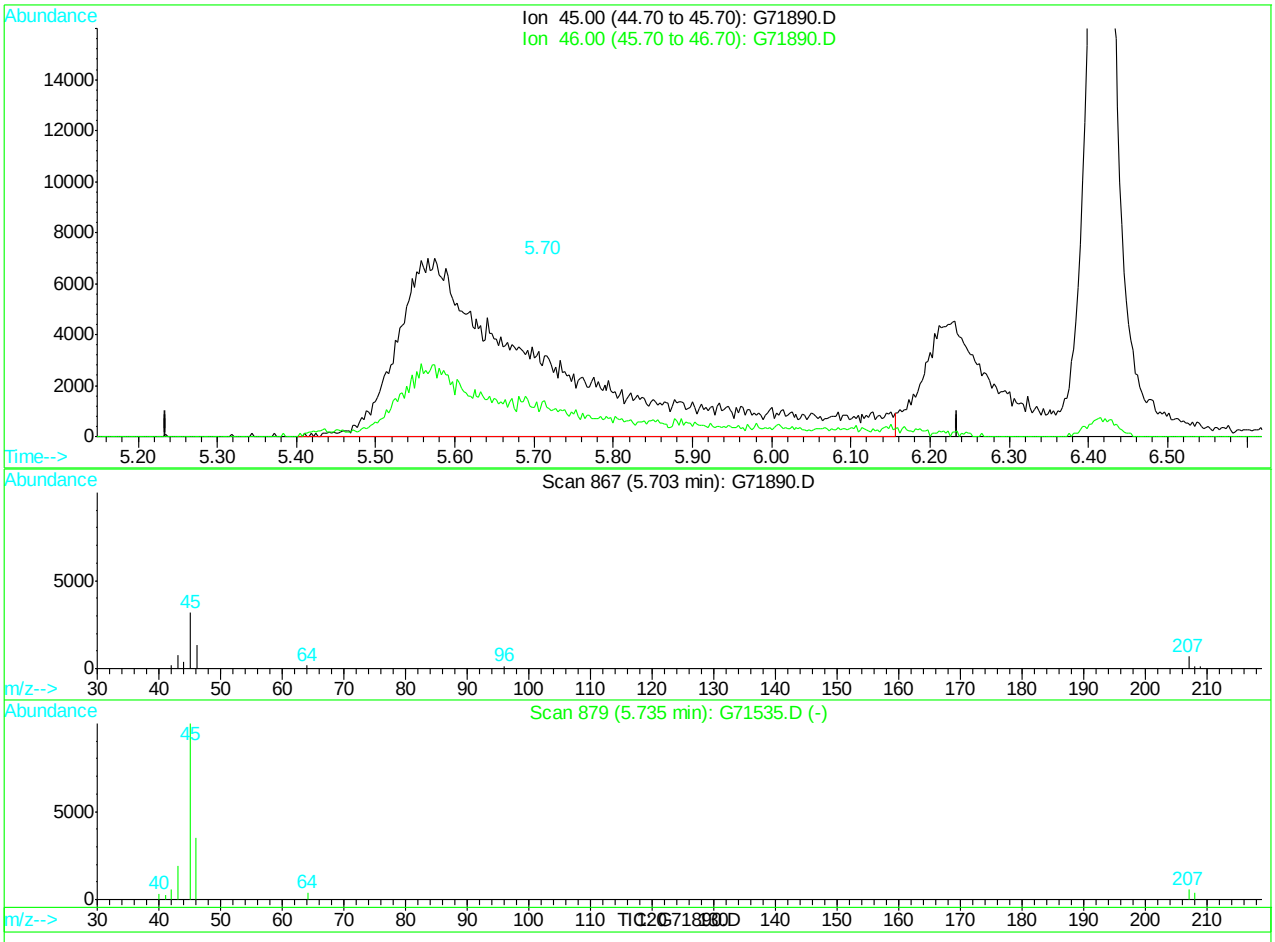
Ion	Exp%	Act%
45.00	100	100
46.00	37.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

G71890.D G071007W.M Tue Jul 24 09:38:52 2007 RP1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71890.D Vial: 2
Acq On : 24 Jul 2007 9:08 am Operator: kimt
Sample : bs Inst : 5973 G
Misc : ms13993,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:38 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration



(4) Ethanol (T)

5.70min 4545.48ppb m

response 92374

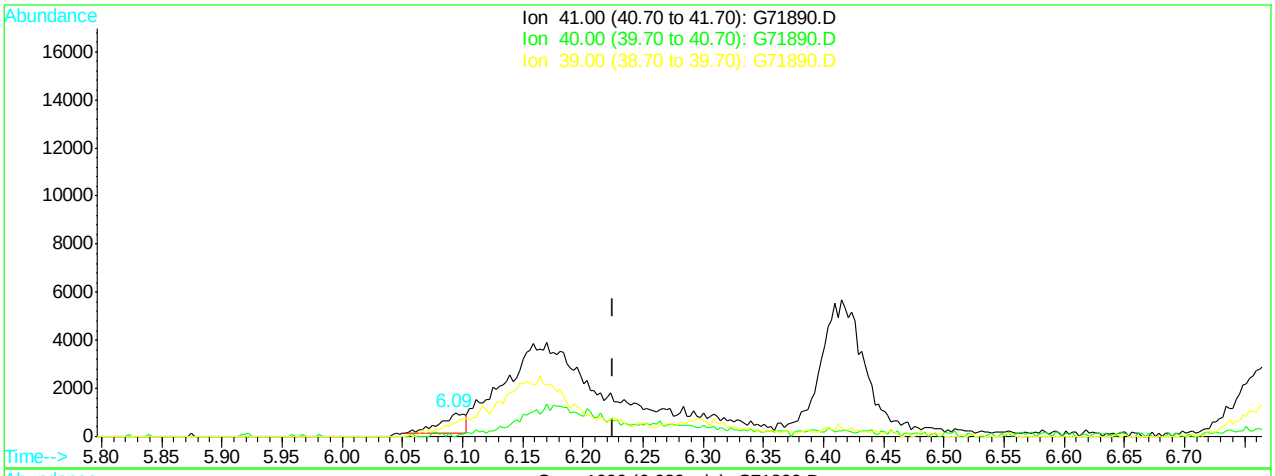
Ion	Exp%	Act%
45.00	100	100
46.00	37.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

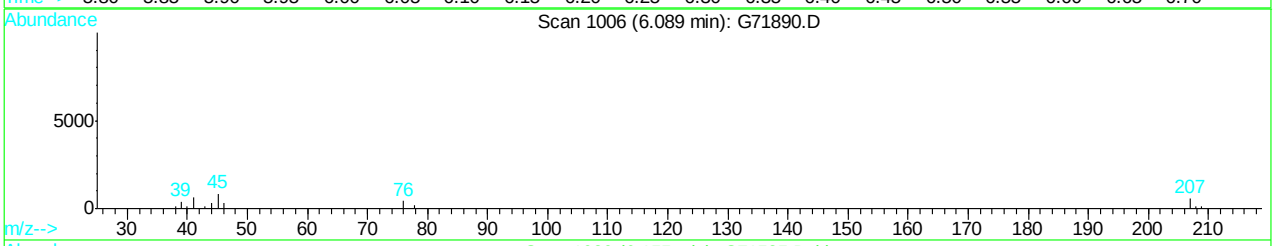
G71890.D G071007W.M Tue Jul 24 09:39:01 2007 RP1

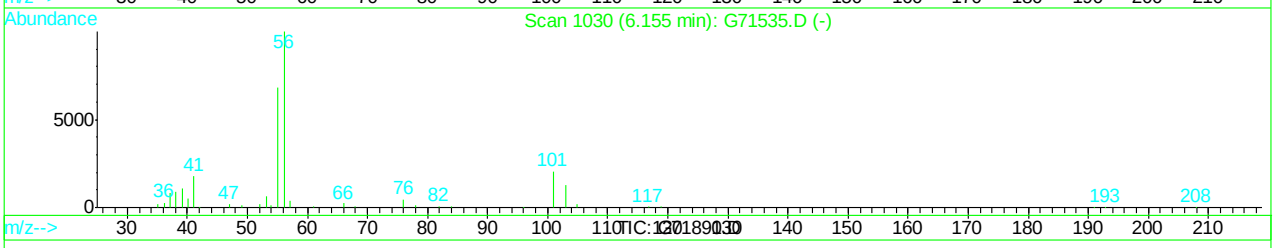
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71890.D Vial: 2
Acq On : 24 Jul 2007 9:08 am Operator: kimt
Sample : bs Inst : 5973 G
Misc : ms13993,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:38 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration







(11) acetonitrile (M)

6.09min 4.04ppb

response 1239

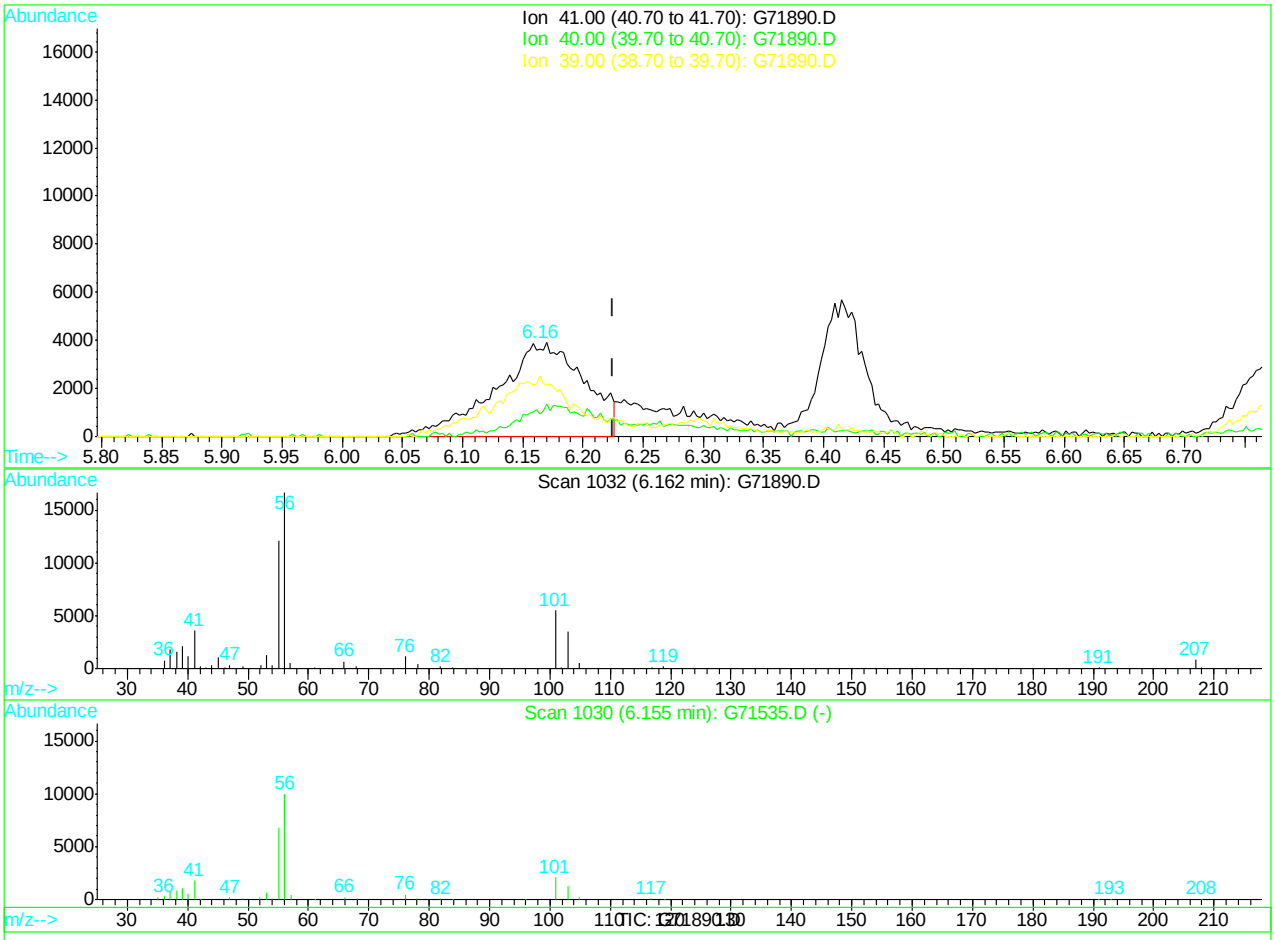
Ion	Exp%	Act%
41.00	100	100
40.00	29.50	23.51
39.00	60.60	80.15
0.00	0.00	0.00

G71890.D G071007W.M Tue Jul 24 09:39:12 2007 RP1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71890.D Vial: 2
Acq On : 24 Jul 2007 9:08 am Operator: kimt
Sample : bs Inst : 5973 G
Misc : ms13993,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:39 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration



(11) acetonitrile (M)

6.16min 42.90ppb m

response 19972

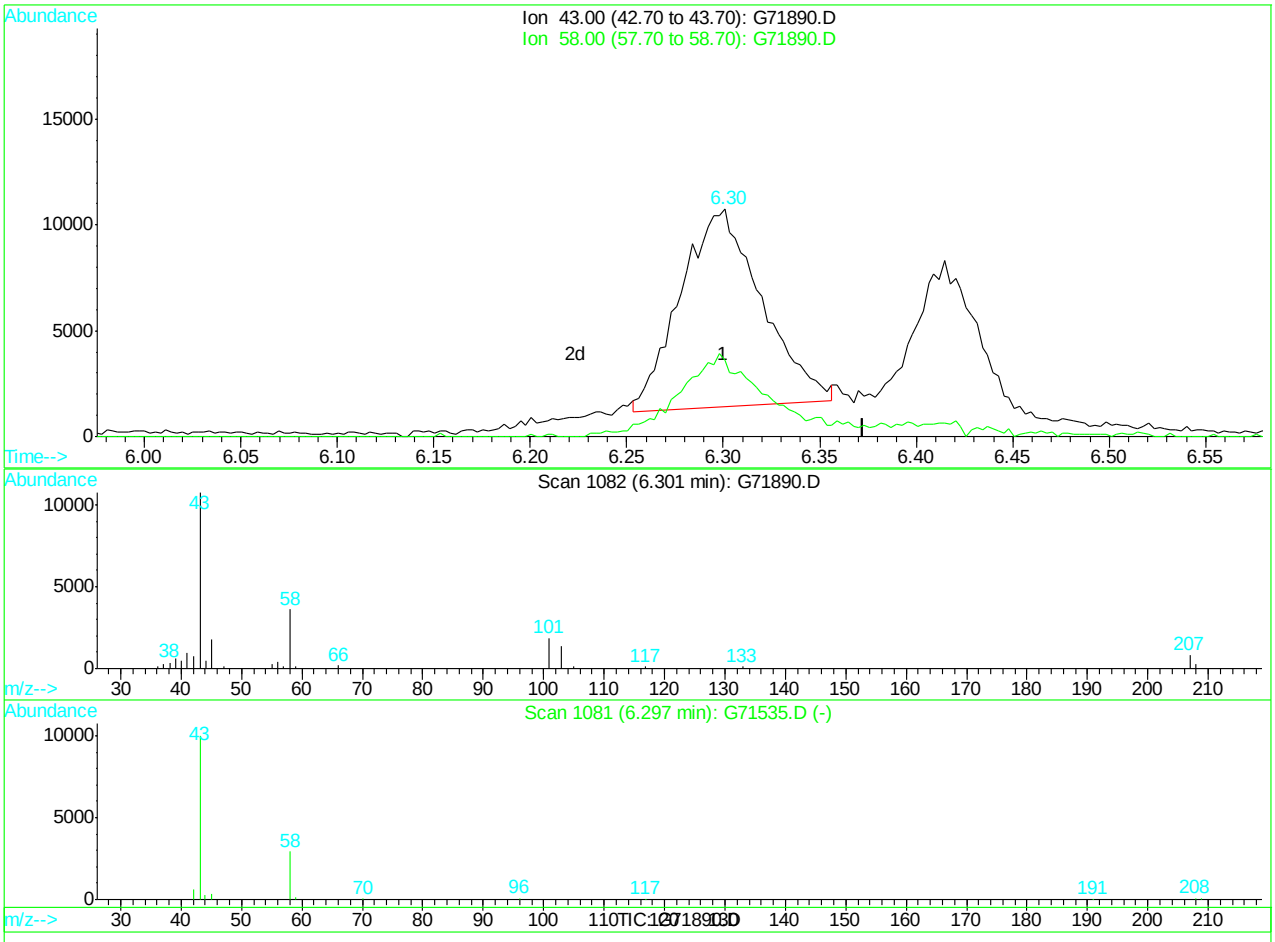
Ion	Exp%	Act%
41.00	100	100
40.00	29.50	31.19
39.00	60.60	60.23
0.00	0.00	0.00

G71890.D G071007W.M Tue Jul 24 09:39:18 2007 RP1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71890.D Vial: 2
Acq On : 24 Jul 2007 9:08 am Operator: kimt
Sample : bs Inst : 5973 G
Misc : ms13993,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:39 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration



(16) acetone (M)

6.30min 31.26ppb

response 27240

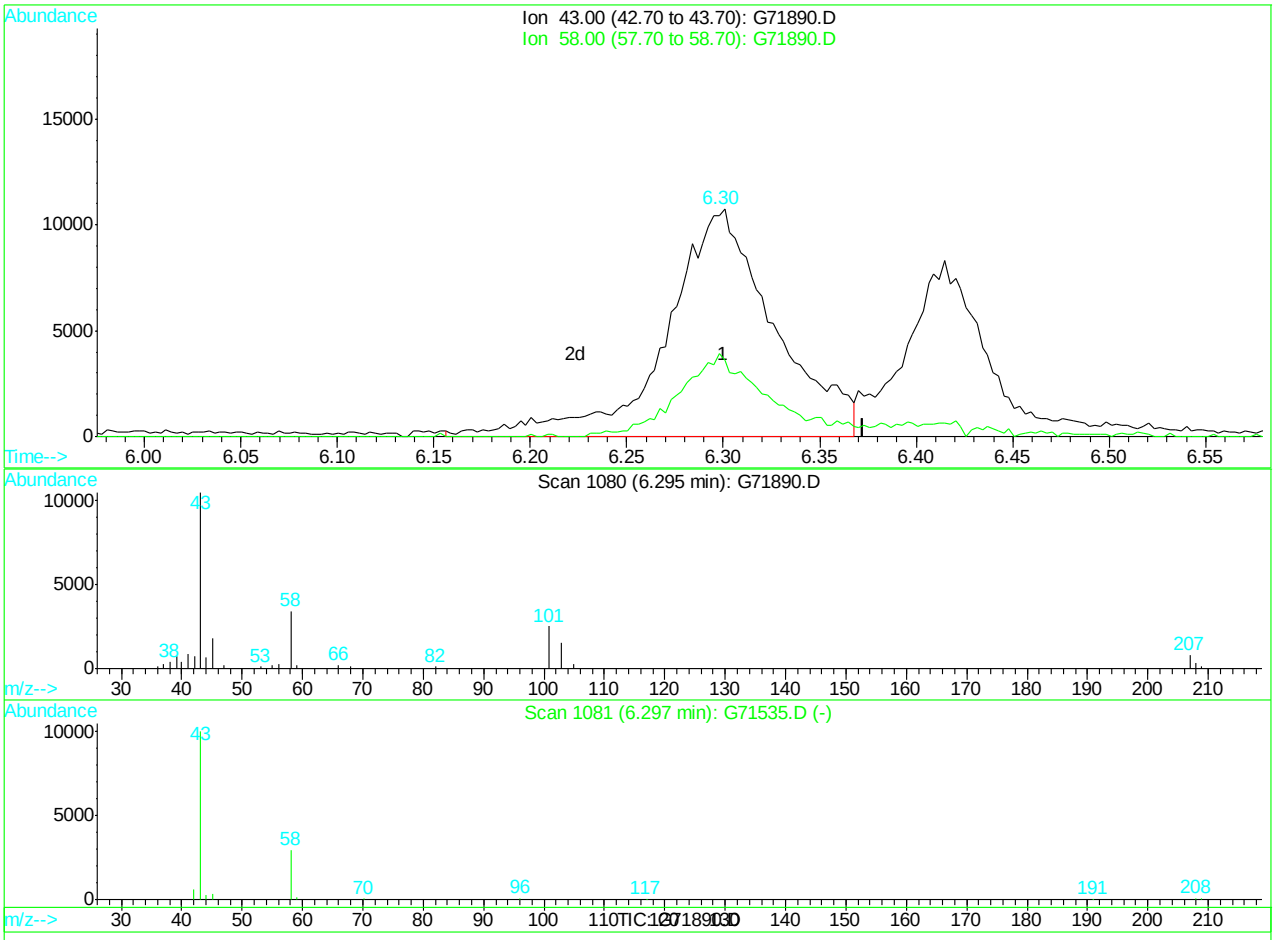
Ion	Exp%	Act%
43.00	100	100
58.00	28.80	34.45
0.00	0.00	0.00
0.00	0.00	0.00

G71890.D G071007W.M Tue Jul 24 09:39:24 2007 RP1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71890.D Vial: 2
Acq On : 24 Jul 2007 9:08 am Operator: kimt
Sample : bs Inst : 5973 G
Misc : ms13993,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:39 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration



(16) acetone (M)

6.30min 48.02ppb m

response 41849

Ion	Exp%	Act%
43.00	100	100
58.00	28.80	32.64
0.00	0.00	0.00
0.00	0.00	0.00

G71890.D G071007W.M Tue Jul 24 09:39:30 2007 RP1

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani 07/25/07 15:54

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71891.D Vial: 3
Acq On : 24 Jul 2007 9:35 am Operator: kimt
Sample : bsd Inst : 5973 G
Misc : ms13993,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 10:04 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration
DataAcq Meth : G8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.70	65	5739	50.00	ppb	-0.01
3) pentafluorobenzene	9.11	168	233673	50.00	ppb	0.00
43) 1,4-difluorobenzene	9.98	114	340068	50.00	ppb	0.00
66) chlorobenzene-d5	13.24	82	171740	50.00	ppb	0.00
80) 1,4-dichlorobenzene-d4	15.80	152	191904	50.00	ppb	0.00

System Monitoring Compounds

40) dibromofluoromethane (s)	8.75	113	104601	48.25	ppb	0.00
Spiked Amount 50.000	Range 83 - 127		Recovery = 96.50%			
60) toluene-d8 (s)	11.78	98	410432	48.48	ppb	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 96.96%			
82) bromofluorobenzene (s)	14.47	95	157869	46.18	ppb	0.00
Spiked Amount 50.000	Range 81 - 119		Recovery = 92.36%			

Target Compounds

							Qvalue
2) tertiary butyl alcohol	6.80	59	77650m	571.52	ppb		
4) Ethanol	5.69	45	94126m	4838.76	ppb		
5) dichlorodifluoromethane	4.44	85	134446	70.69	ppb		98
6) chloromethane	4.71	50	134111	53.71	ppb		93
7) vinyl chloride	4.95	62	138986	55.67	ppb		99
8) bromomethane	5.44	96	85818	53.74	ppb		95
9) chloroethane	5.58	64	86715	50.05	ppb		97
10) ethyl ether	6.42	59	89793	39.53	ppb		100
11) acetonitrile	6.16	41	18425	41.40	ppb		95
12) trichlorofluoromethane	6.22	101	147791	48.51	ppb		96
13) freon-113	6.99	101	115513	55.22	ppb		96
14) acrolein	6.17	56	61010	248.24	ppb		99
15) 1,1-dichloroethene	6.79	96	105423	46.75	ppb		96
16) acetone	6.30	43	41119m	49.30	ppb		
17) Methyl Acetate	6.94	43	120445	30.94	ppb		99
18) methylene chloride	6.93	84	129454	46.58	ppb		97
19) methyl tert butyl ether	7.71	73	324273	42.33	ppb		97
20) acrylonitrile	6.81	53	227506	213.02	ppb		99
21) allyl chloride	7.02	41	177379	44.45	ppb		99
22) trans-1,2-dichloroethene	7.61	96	117203	47.65	ppb		99
23) iodomethane	6.85	142	212891	49.04	ppb		98
24) carbon disulfide	7.22	76	385628	52.29	ppb		99
25) propionitrile	6.81	54	7745	45.09	ppb		100
26) vinyl acetate	7.95	43	203016	92.77	ppb		99
27) chloroprene	8.23	53	142990	46.31	ppb		99
28) di-isopropyl ether	8.27	45	382439	40.07	ppb		94
29) methacrylonitrile	8.37	41	71954	40.41	ppb		99
30) 2-butanone	8.26	72	16062	47.97	ppb	#	79
31) Hexane	8.25	41	172117	47.41	ppb		94
32) 1,1-dichloroethane	7.86	63	198851	44.09	ppb		99
33) tert-butyl ethyl ether	8.66	59	356000	40.64	ppb		100
34) isobutyl alcohol	8.68	43	56063	204.34	ppb		92
35) 2,2-dichloropropane	8.73	77	152176	58.80	ppb		99
36) cis-1,2-dichloroethene	8.43	96	122639	42.19	ppb		99
38) bromochloromethane	8.59	128	65422	47.76	ppb		94

(#) = qualifier out of range (m) = manual integration
G71891.D G071007W.M Tue Jul 24 10:04:11 2007 RP1

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71891.D Vial: 3
Acq On : 24 Jul 2007 9:35 am Operator: kimt
Sample : bsd Inst : 5973 G
Misc : ms13993,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 10:04 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration
DataAcq Meth : G8260

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
39)	chloroform	8.63	83	191622	43.78 ppb		100
41)	Tetrahydrofuran	8.96	42	35353	41.52 ppb		100
42)	1,1,1-trichloroethane	9.39	97	165369	44.55 ppb		96
44)	Cyclohexane	9.69	56	221264	49.04 ppb		95
45)	carbon tetrachloride	9.76	117	156363	47.18 ppb		97
46)	1,1-dichloropropene	9.56	75	147711	46.17 ppb		99
47)	benzene	9.79	78	445967	45.41 ppb		99
48)	1,2-dichloroethane	9.28	62	133837	42.36 ppb		99
49)	tert-amyl methyl ether	9.91	73	339162	40.50 ppb		99
50)	heptane	10.26	43	176355	56.99 ppb		100
51)	trichloroethene	10.40	95	111840	41.36 ppb		99
52)	1,2-dichloropropane	10.37	63	117367	45.96 ppb		98
53)	dibromomethane	10.34	93	72390	45.58 ppb		98
54)	bromodichloromethane	10.46	83	145860	42.61 ppb		99
55)	Methylcyclohexane	10.93	83	205980	50.15 ppb		98
57)	methyl methacrylate	10.55	69	80783	46.65 ppb		99
58)	1,4-dioxane	10.56	88	4491	210.95 ppb		71
59)	cis-1,3-dichloropropene	11.07	75	184957	48.78 ppb		99
61)	4-methyl-2-pentanone	11.17	43	114029	41.50 ppb		99
62)	toluene	11.86	92	289000	44.54 ppb		100
63)	trans-1,3-dichloropropene	11.49	75	157453	48.20 ppb		100
64)	1,1,2-trichloroethane	11.66	83	89330	46.03 ppb		97
65)	ethyl methacrylate	11.86	69	156403	48.45 ppb		98
67)	tetrachloroethene	12.60	166	136919	51.78 ppb		99
68)	1,3-dichloropropane	11.90	76	184622	47.32 ppb		99
69)	dibromochloromethane	12.19	129	125525	47.55 ppb		96
70)	1,2-dibromoethane	12.45	107	112142	48.93 ppb		98
71)	2-hexanone	12.02	43	83915	46.72 ppb		100
72)	chlorobenzene	13.28	112	337989	47.87 ppb		98
73)	1,1,1,2-tetrachloroethane	13.19	131	120342	49.45 ppb		99
74)	ethylbenzene	13.45	91	559573	49.25 ppb		99
75)	m,p-xylene	13.64	106	459484	95.33 ppb		99
76)	o-xylene	14.05	106	223528	49.11 ppb		99
77)	styrene	13.98	104	358236	52.78 ppb		98
78)	bromoform	13.80	173	94362	48.52 ppb		100
79)	trans-1,4-dichloro-2-buten	14.19	53	20142	30.89 ppb	#	29
81)	isopropylbenzene	14.41	105	498267	44.71 ppb		100
83)	bromobenzene	14.70	156	162768	45.23 ppb		96
84)	1,1,2,2-tetrachloroethane	14.05	83	150905	53.21 ppb		99
85)	1,2,3-trichloropropane	14.19	75	141608	39.48 ppb		99
86)	n-propylbenzene	14.86	91	666378	45.15 ppb		99
87)	2-chlorotoluene	14.98	91	391584	43.29 ppb		97
88)	4-chlorotoluene	15.05	91	401668	43.16 ppb		98
89)	1,3,5-trimethylbenzene	15.14	105	473424	45.92 ppb		98
90)	tert-butylbenzene	15.44	91	248587	44.58 ppb		97
91)	1,2,4-trimethylbenzene	15.55	105	490863	45.85 ppb		96
92)	sec-butylbenzene	15.66	105	625274	47.64 ppb		99
93)	1,3-dichlorobenzene	15.77	146	294149	46.13 ppb		98
94)	p-isopropyltoluene	15.83	119	547397	48.67 ppb		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71891.D Vial: 3
Acq On : 24 Jul 2007 9:35 am Operator: kimt
Sample : bsd Inst : 5973 G
Misc : ms13993,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 10:04 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration
DataAcq Meth : G8260

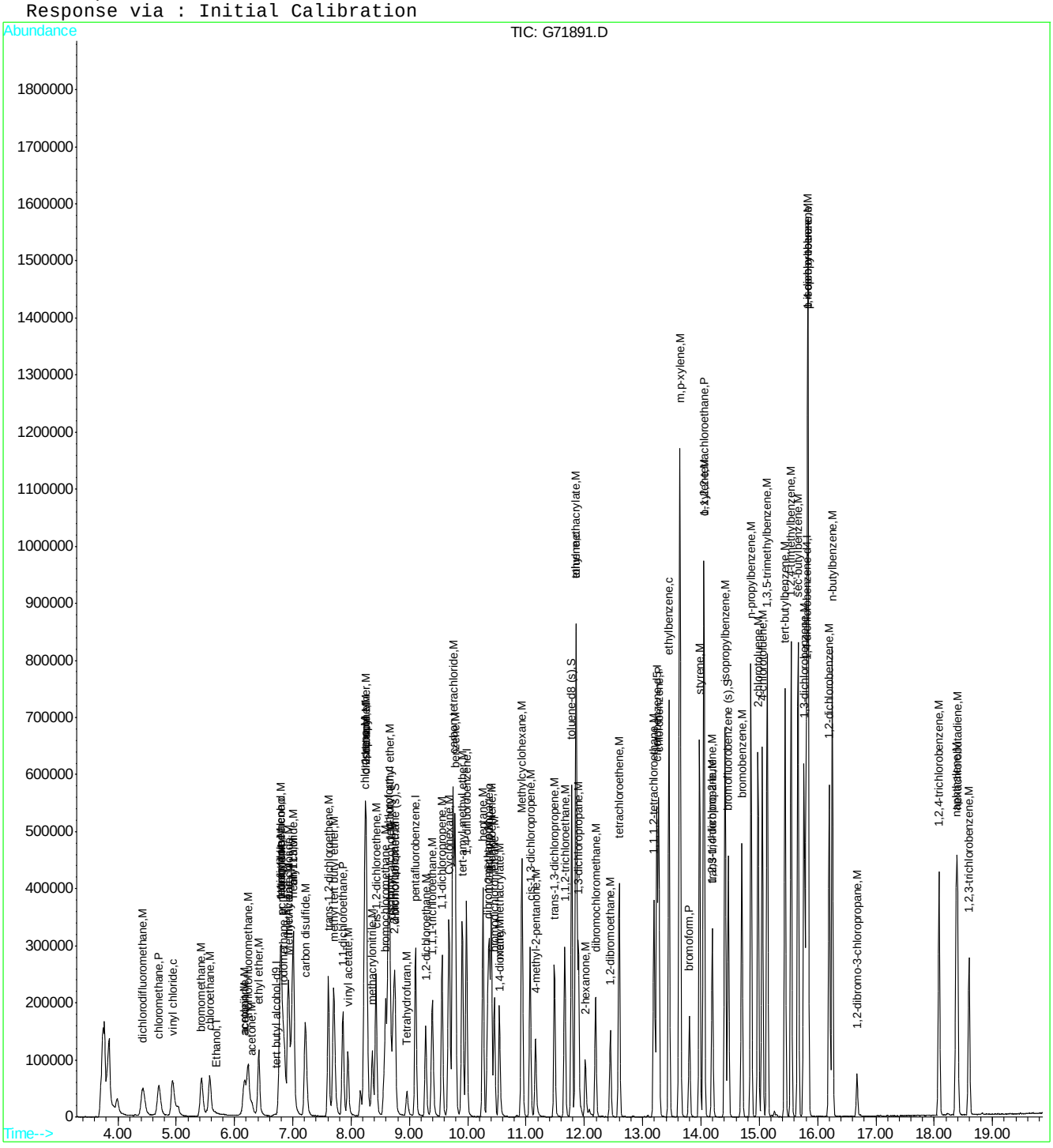
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
95)	1,4-dichlorobenzene	15.83	146	316181	46.34 ppb	97
96)	1,2-dichlorobenzene	16.20	146	270756	46.02 ppb	97
97)	n-butylbenzene	16.25	91	483279	48.58 ppb	99
98)	1,2-dibromo-3-chloropropan	16.67	75	18746	41.41 ppb	97
99)	1,2,4-trichlorobenzene	18.08	180	169567	49.89 ppb	97
100)	hexachlorobutadiene	18.40	225	99077	52.20 ppb	98
101)	naphthalene	18.37	128	299827	48.99 ppb	100
102)	1,2,3-trichlorobenzene	18.60	180	112044	41.85 ppb	99

(#) = qualifier out of range (m) = manual integration
G71891.D G071007W.M Tue Jul 24 10:04:11 2007 RP1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\G71891.D Vial: 3
Acq On : 24 Jul 2007 9:35 am Operator: kimt
Sample : bsd Inst : 5973 G
Misc : ms13993,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 10:04 2007 Quant Results File: G071007W.RES

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration

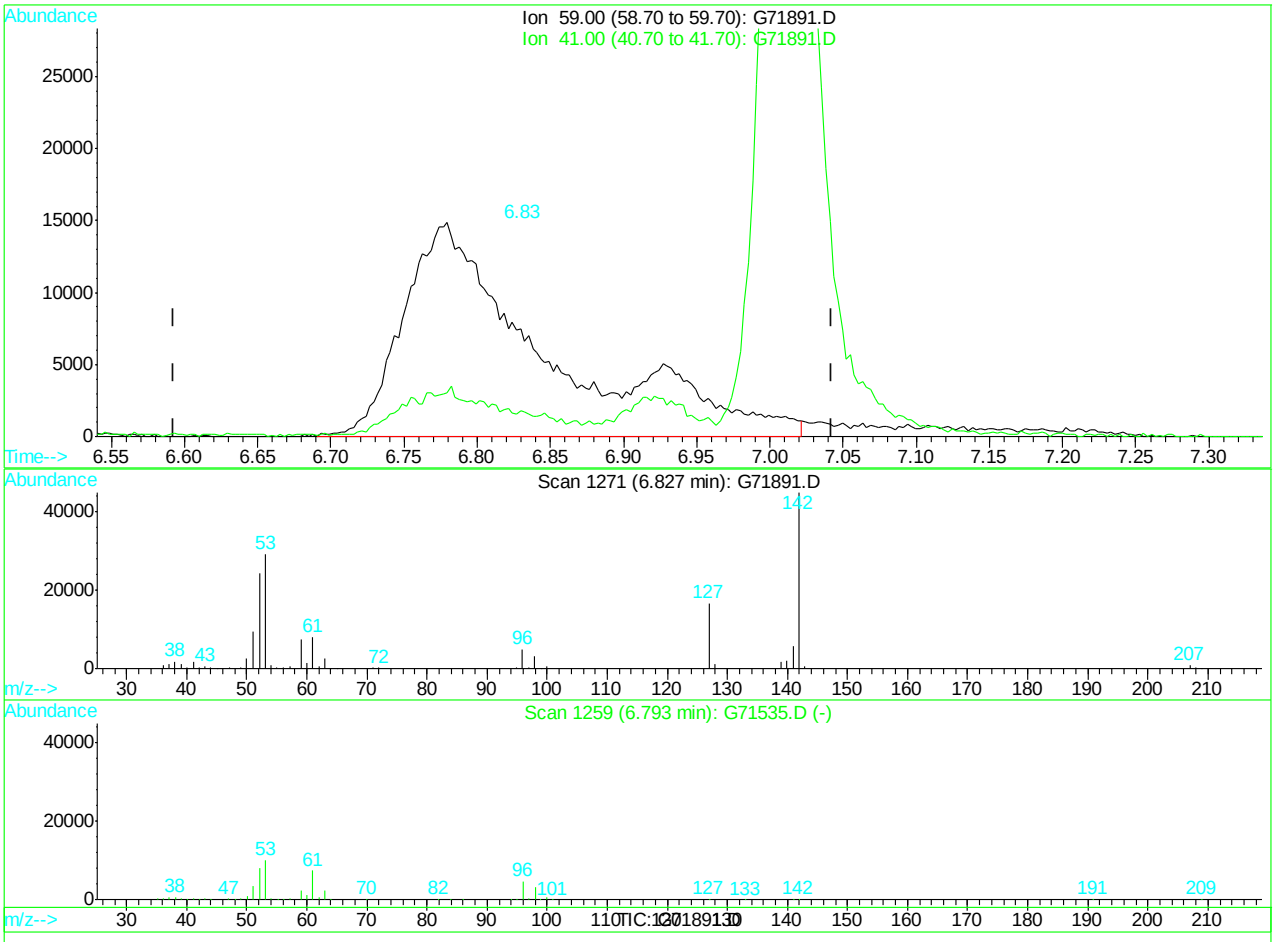


G71891.D G071007W.M Tue Jul 24 10:04:12 2007 RP1 Page 4

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71891.D Vial: 3
Acq On : 24 Jul 2007 9:35 am Operator: kimt
Sample : bsd Inst : 5973 G
Misc : ms13993,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 10:02 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration



(2) tertiary butyl alcohol (M)

6.83min 732.50ppb

response 99521

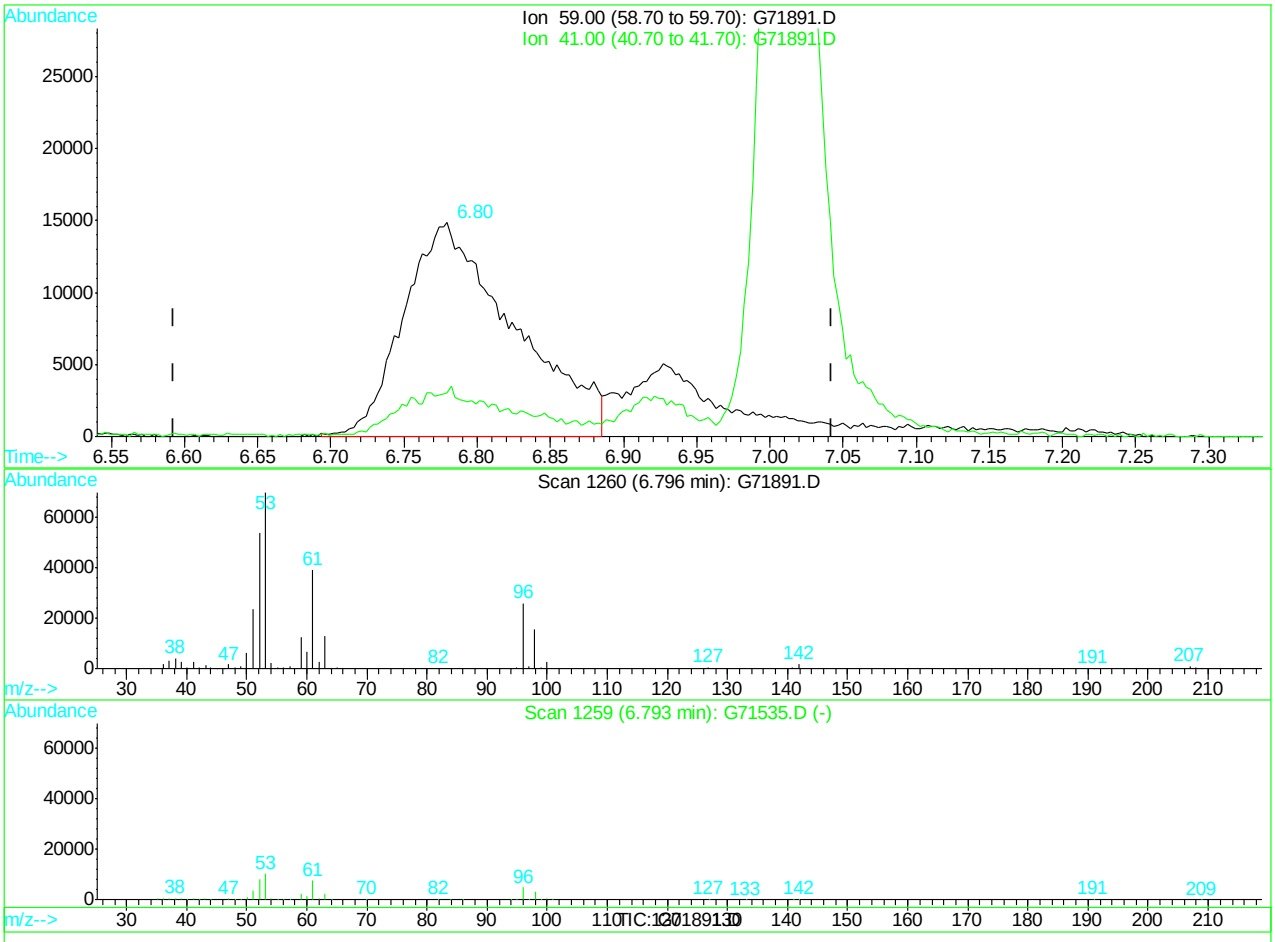
Ion	Exp%	Act%
59.00	100	100
41.00	18.40	19.80
0.00	0.00	0.00
0.00	0.00	0.00

G71891.D G071007W.M Tue Jul 24 10:03:18 2007 RP1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71891.D Vial: 3
Acq On : 24 Jul 2007 9:35 am Operator: kimt
Sample : bsd Inst : 5973 G
Misc : ms13993,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 10:03 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration



(2) tertiary butyl alcohol (M)

6.80min 571.52ppb m

response 77650

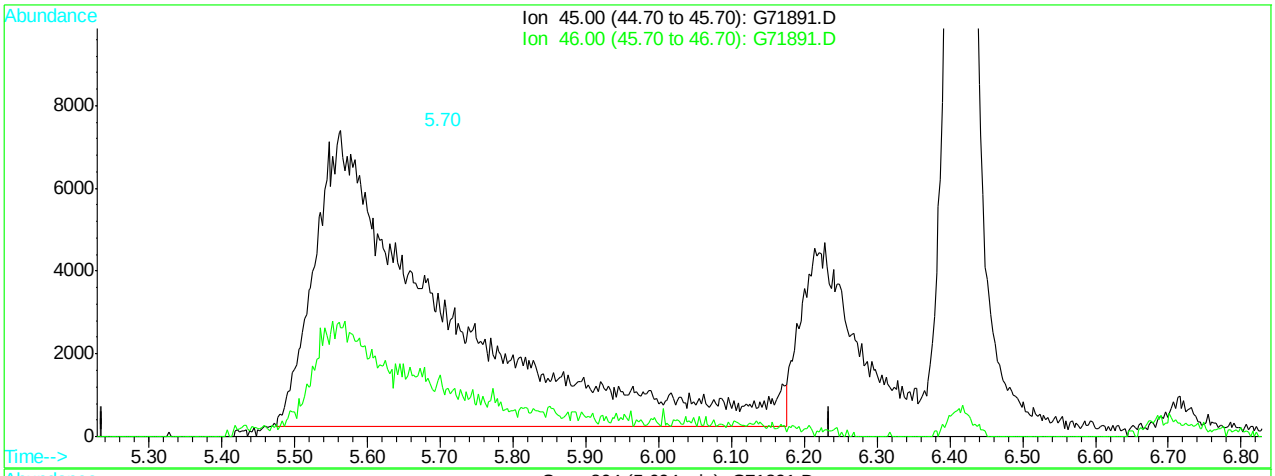
Ion	Exp%	Act%
59.00	100	100
41.00	18.40	20.68
0.00	0.00	0.00
0.00	0.00	0.00

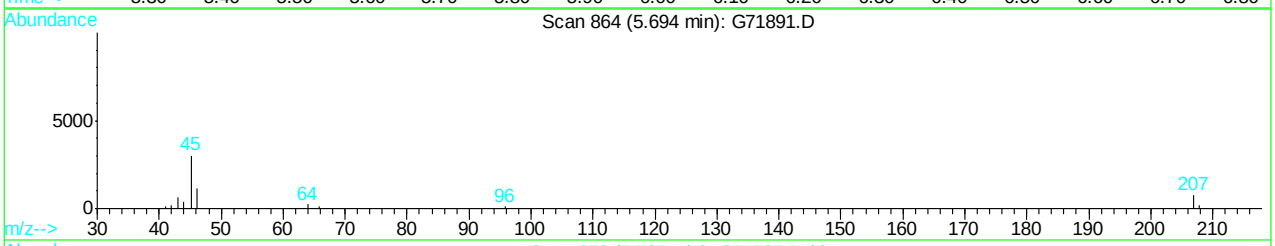
G71891.D G071007W.M Tue Jul 24 10:03:28 2007 RP1

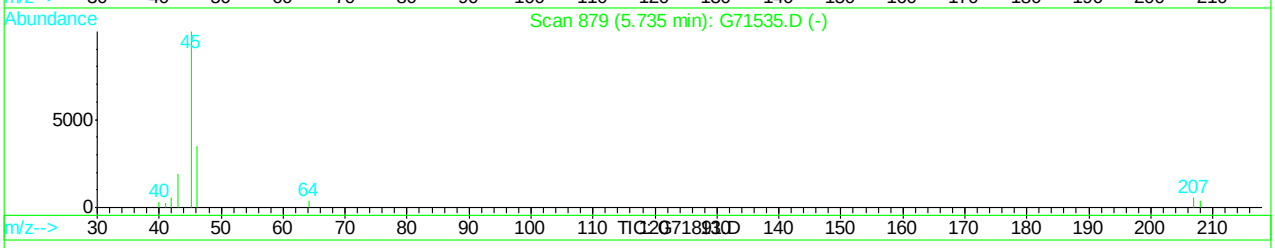
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71891.D Vial: 3
Acq On : 24 Jul 2007 9:35 am Operator: kimt
Sample : bsd Inst : 5973 G
Misc : ms13993,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 10:03 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration







(4) Ethanol (T)

5.70min 4406.53ppb

response 85718

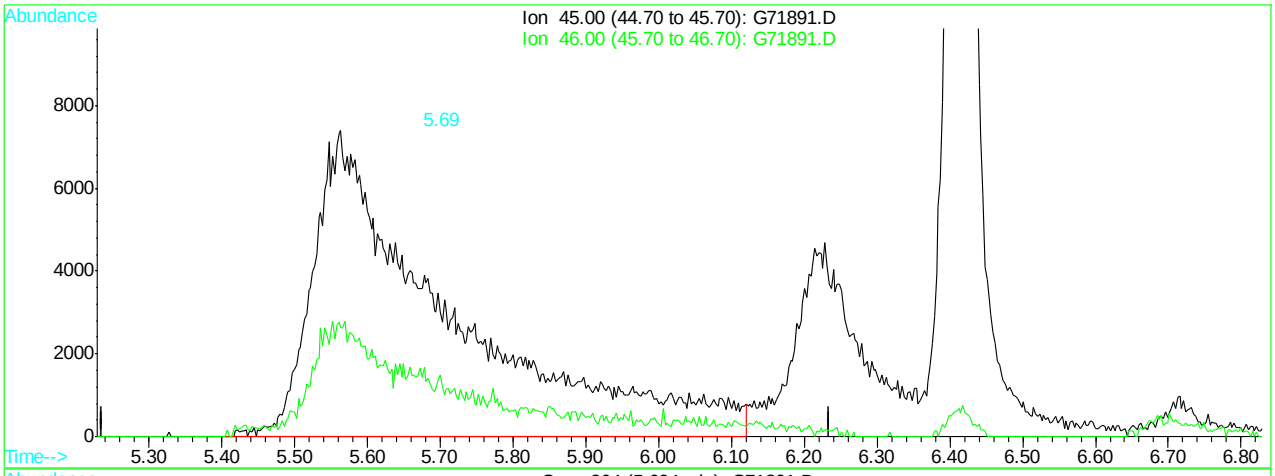
Ion	Exp%	Act%
45.00	100	100
46.00	37.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

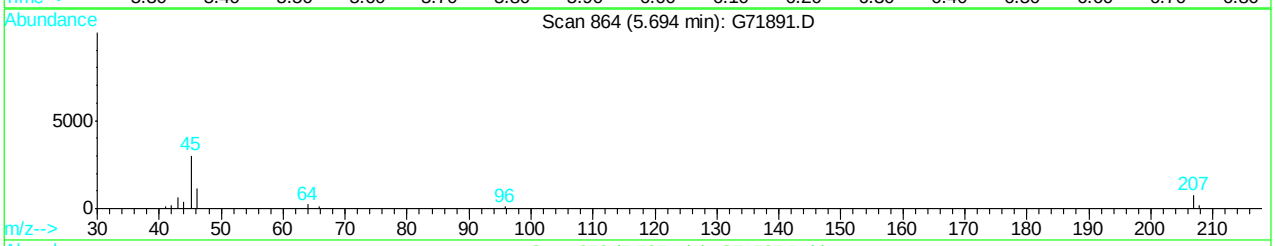
G71891.D G071007W.M Tue Jul 24 10:03:34 2007 RP1

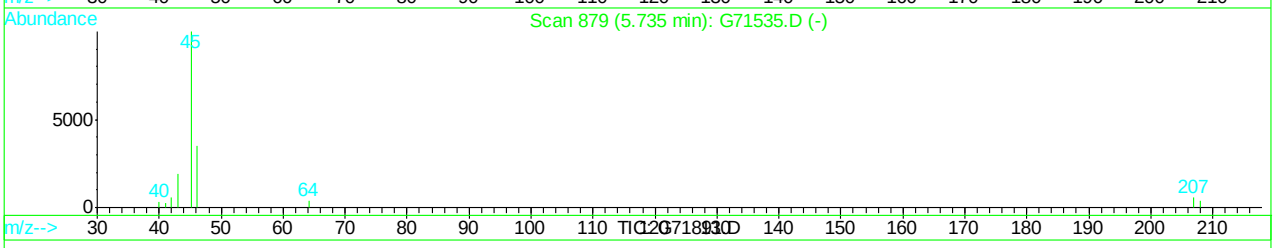
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71891.D Vial: 3
Acq On : 24 Jul 2007 9:35 am Operator: kimt
Sample : bsd Inst : 5973 G
Misc : ms13993,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 10:03 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration







(4) Ethanol (T)

5.69min 4838.76ppb m

response 94126

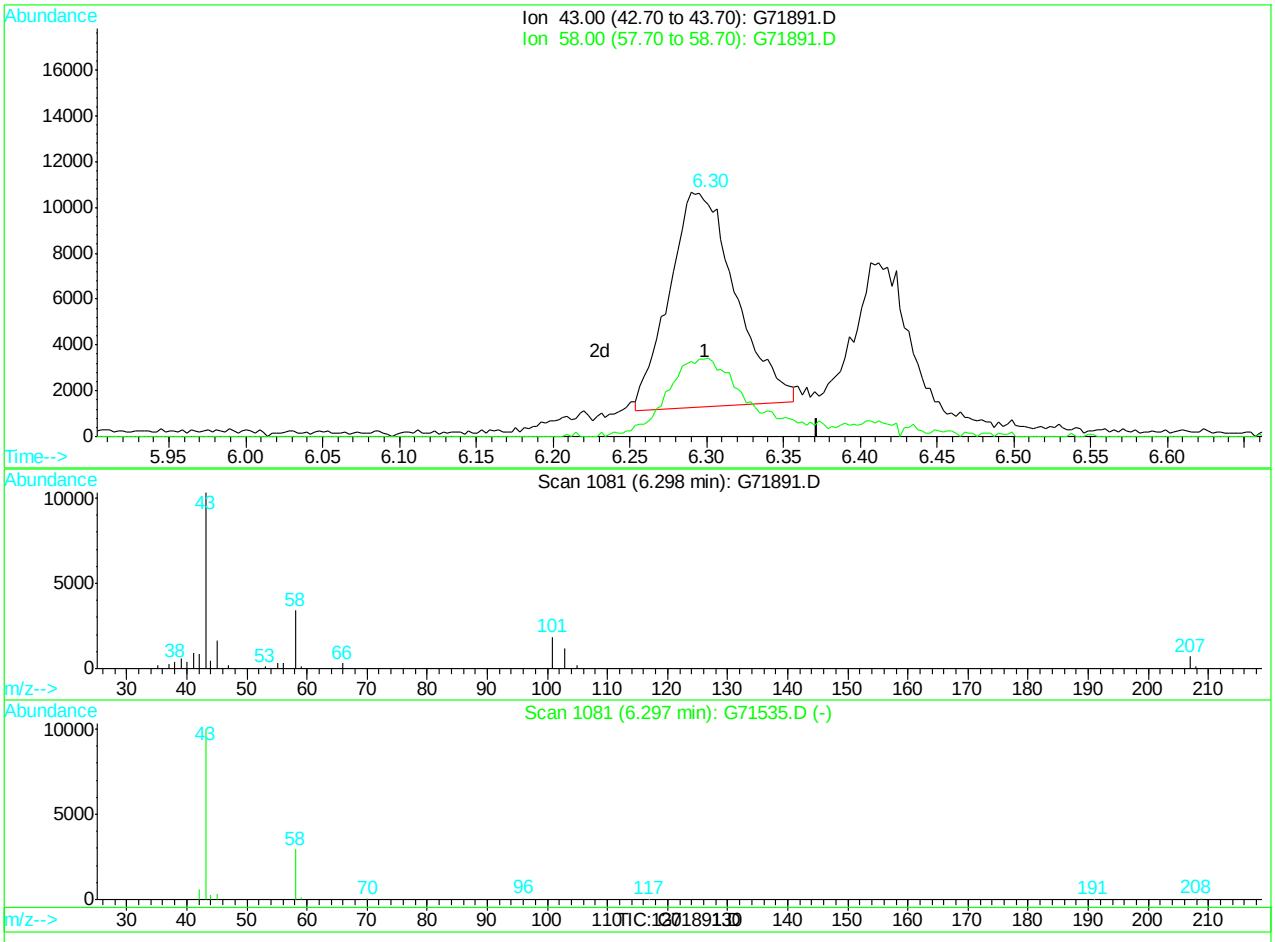
Ion	Exp%	Act%
45.00	100	100
46.00	37.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

G71891.D G071007W.M Tue Jul 24 10:03:40 2007 RP1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71891.D Vial: 3
Acq On : 24 Jul 2007 9:35 am Operator: kimt
Sample : bsd Inst : 5973 G
Misc : ms13993,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 10:03 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration



(16) acetone (M)

6.30min 33.98ppb

response 28343

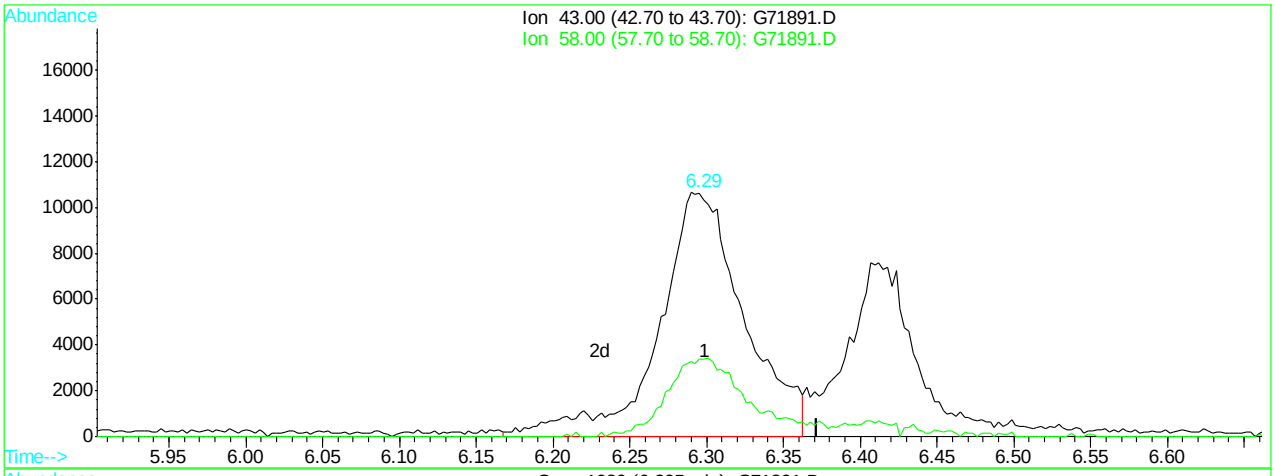
Ion	Exp%	Act%
43.00	100	100
58.00	28.80	33.14
0.00	0.00	0.00
0.00	0.00	0.00

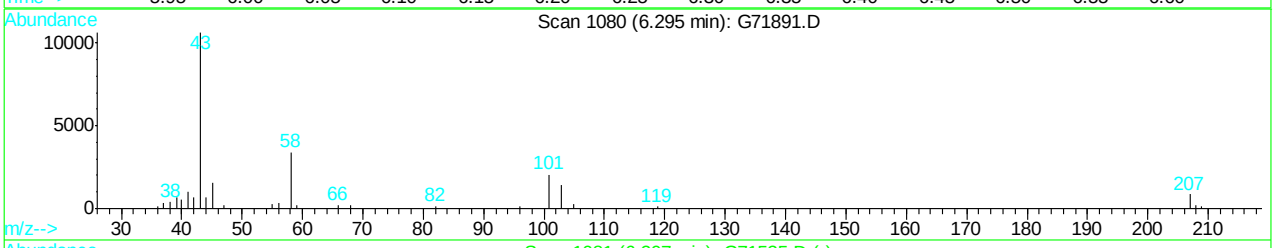
G71891.D G071007W.M Tue Jul 24 10:03:49 2007 RP1

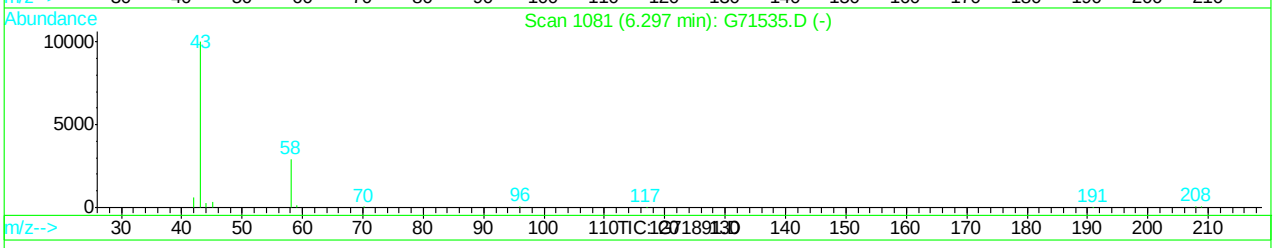
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71891.D Vial: 3
Acq On : 24 Jul 2007 9:35 am Operator: kimt
Sample : bsd Inst : 5973 G
Misc : ms13993,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 10:03 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration







(16) acetone (M)

6.30min 49.30ppb m

response 41119

Ion	Exp%	Act%
43.00	100	100
58.00	28.80	31.87
0.00	0.00	0.00
0.00	0.00	0.00

G71891.D G071007W.M Tue Jul 24 10:03:54 2007 RP1

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
07/24/07 14:00

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71845.D Vial: 10
Acq On : 23 Jul 2007 1:26 pm Operator: kimt
Sample : m66418-3ms Inst : 5973 G
Misc : ms13993,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 14:18 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration
DataAcq Meth : G8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.73	65	4475	50.00	ppb	0.01
3) pentafluorobenzene	9.11	168	198010	50.00	ppb	0.00
43) 1,4-difluorobenzene	9.98	114	299404	50.00	ppb	0.00
66) chlorobenzene-d5	13.24	82	154749	50.00	ppb	0.00
80) 1,4-dichlorobenzene-d4	15.80	152	168488	50.00	ppb	0.00

System Monitoring Compounds

40) dibromofluoromethane (s)	8.76	113	95313	51.88	ppb	0.00
Spiked Amount 50.000	Range 83 - 127		Recovery = 103.76%			
60) toluene-d8 (s)	11.78	98	370158	49.66	ppb	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 99.32%			
82) bromofluorobenzene (s)	14.47	95	144521	48.15	ppb	0.00
Spiked Amount 50.000	Range 81 - 119		Recovery = 96.30%			

Target Compounds

							Qvalue
2) tertiary butyl alcohol	6.80	59	65179m	615.24	ppb		
4) Ethanol	5.69	45	81228	4927.79	ppb	#	37
5) dichlorodifluoromethane	4.44	85	49275	30.58	ppb		100
6) chloromethane	4.71	50	102591	48.49	ppb		98
7) vinyl chloride	4.95	62	99579	47.07	ppb		94
8) bromomethane	5.45	96	64827	47.59	ppb		99
9) chloroethane	5.58	64	68792	46.86	ppb		96
10) ethyl ether	6.42	59	80960	42.06	ppb		97
11) acetonitrile	6.16	41	19003m	50.07	ppb		
12) trichlorofluoromethane	6.23	101	115754	44.84	ppb		96
13) freon-113	6.99	101	85579	48.28	ppb		97
14) acrolein	6.18	56	69580	334.10	ppb		99
15) 1,1-dichloroethene	6.79	96	80320	42.02	ppb		89
16) acetone	6.30	43	30133m	42.63	ppb		
17) Methyl Acetate	6.94	43	121570	36.86	ppb		95
18) methylene chloride	6.93	84	108981	46.27	ppb		93
19) methyl tert butyl ether	7.71	73	290916	44.82	ppb		98
20) acrylonitrile	6.81	53	187599	207.29	ppb		100
21) allyl chloride	7.02	41	141977	41.98	ppb		99
22) trans-1,2-dichloroethene	7.62	96	94345	45.26	ppb		96
23) iodomethane	6.85	142	162459	44.16	ppb		100
24) carbon disulfide	7.22	76	205344	32.86	ppb		99
25) propionitrile	6.81	54	6627	45.46	ppb		100
26) vinyl acetate	7.95	43	209136	108.90	ppb		98
27) chloroprene	8.23	53	122373	46.77	ppb		96
28) di-isopropyl ether	8.27	45	353346	43.69	ppb		96
29) methacrylonitrile	8.37	41	63215	41.90	ppb		97
30) 2-butanone	8.26	72	12858	45.32	ppb	#	53
31) Hexane	8.25	41	128663	41.83	ppb	#	84
32) 1,1-dichloroethane	7.86	63	192126	50.27	ppb		99
33) tert-butyl ethyl ether	8.67	59	322283	43.42	ppb		99
34) isobutyl alcohol	8.69	43	55283	237.79	ppb	#	56
35) 2,2-dichloropropane	8.73	77	135952	61.99	ppb		98
36) cis-1,2-dichloroethene	8.43	96	108351	43.99	ppb		97
38) bromochloromethane	8.60	128	56760	48.90	ppb		98

(#) = qualifier out of range (m) = manual integration
G71845.D G071007W.M Mon Jul 23 14:19:01 2007 RP1

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71845.D Vial: 10
Acq On : 23 Jul 2007 1:26 pm Operator: kimt
Sample : m66418-3ms Inst : 5973 G
Misc : ms13993,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 14:18 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration
DataAcq Meth : G8260

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
39)	chloroform	8.64	83	175505	47.32 ppb		93
41)	Tetrahydrofuran	8.96	42	30533	42.31 ppb		94
42)	1,1,1-trichloroethane	9.40	97	143772	45.71 ppb		97
44)	Cyclohexane	9.68	56	145142	36.54 ppb		98
45)	carbon tetrachloride	9.76	117	128214	43.94 ppb		99
46)	1,1-dichloropropene	9.56	75	123742	43.93 ppb		98
47)	benzene	9.79	78	388443	44.92 ppb		99
48)	1,2-dichloroethane	9.28	62	127914	45.98 ppb		99
49)	tert-amyl methyl ether	9.91	73	298524	40.49 ppb		98
50)	heptane	10.26	43	106093	38.94 ppb		99
51)	trichloroethene	10.41	95	95580	40.15 ppb		97
52)	1,2-dichloropropane	10.37	63	104827	46.63 ppb		99
53)	dibromomethane	10.34	93	63500	45.41 ppb		96
54)	bromodichloromethane	10.46	83	125972	41.79 ppb		99
55)	Methylcyclohexane	10.93	83	139921	38.69 ppb		97
56)	2-chloroethyl vinyl ether	10.83	63	2777	12.56 ppb		94
57)	methyl methacrylate	10.55	69	67248	44.10 ppb		96
58)	1,4-dioxane	10.57	88	4065	216.04 ppb		77
59)	cis-1,3-dichloropropene	11.07	75	157480	47.17 ppb		99
61)	4-methyl-2-pentanone	11.17	43	103694	42.86 ppb		97
62)	toluene	11.86	92	243650	42.65 ppb		99
63)	trans-1,3-dichloropropene	11.49	75	133310	46.36 ppb		97
64)	1,1,2-trichloroethane	11.67	83	78247	45.80 ppb		96
65)	ethyl methacrylate	11.87	69	132992	46.79 ppb		93
67)	tetrachloroethene	12.60	166	101077	42.42 ppb		99
68)	1,3-dichloropropane	11.90	76	162285	46.16 ppb		100
69)	dibromochloromethane	12.19	129	95556	40.18 ppb		92
70)	1,2-dibromoethane	12.45	107	91866	44.49 ppb		99
71)	2-hexanone	12.03	43	71492	44.17 ppb		98
72)	chlorobenzene	13.28	112	279308	43.90 ppb		99
73)	1,1,1,2-tetrachloroethane	13.20	131	104139	47.49 ppb		95
74)	ethylbenzene	13.45	91	445322	43.50 ppb		100
75)	m,p-xylene	13.64	106	357352	82.28 ppb		98
76)	o-xylene	14.05	106	176537	43.04 ppb		99
77)	styrene	13.98	104	276688	45.24 ppb		98
78)	bromoform	13.80	173	64205	36.64 ppb		100
79)	trans-1,4-dichloro-2-buten	14.19	53	15119	26.17 ppb	#	7
81)	isopropylbenzene	14.41	105	390996	39.96 ppb		99
83)	bromobenzene	14.70	156	128388	40.64 ppb		99
84)	1,1,2,2-tetrachloroethane	14.05	83	129179	51.88 ppb		97
85)	1,2,3-trichloropropane	14.20	75	120548	38.28 ppb		98
86)	n-propylbenzene	14.86	91	515745	39.80 ppb		99
87)	2-chlorotoluene	14.98	91	311909	39.28 ppb		99
88)	4-chlorotoluene	15.05	91	316907	38.78 ppb		98
89)	1,3,5-trimethylbenzene	15.14	105	353197	39.02 ppb		100
90)	tert-butylbenzene	15.44	91	196521	40.14 ppb		98
91)	1,2,4-trimethylbenzene	15.55	105	363119	38.63 ppb		99
92)	sec-butylbenzene	15.66	105	459513	39.88 ppb		100
93)	1,3-dichlorobenzene	15.77	146	219640	39.23 ppb		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71845.D Vial: 10
Acq On : 23 Jul 2007 1:26 pm Operator: kimt
Sample : m66418-3ms Inst : 5973 G
Misc : ms13993,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 14:18 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration
DataAcq Meth : G8260

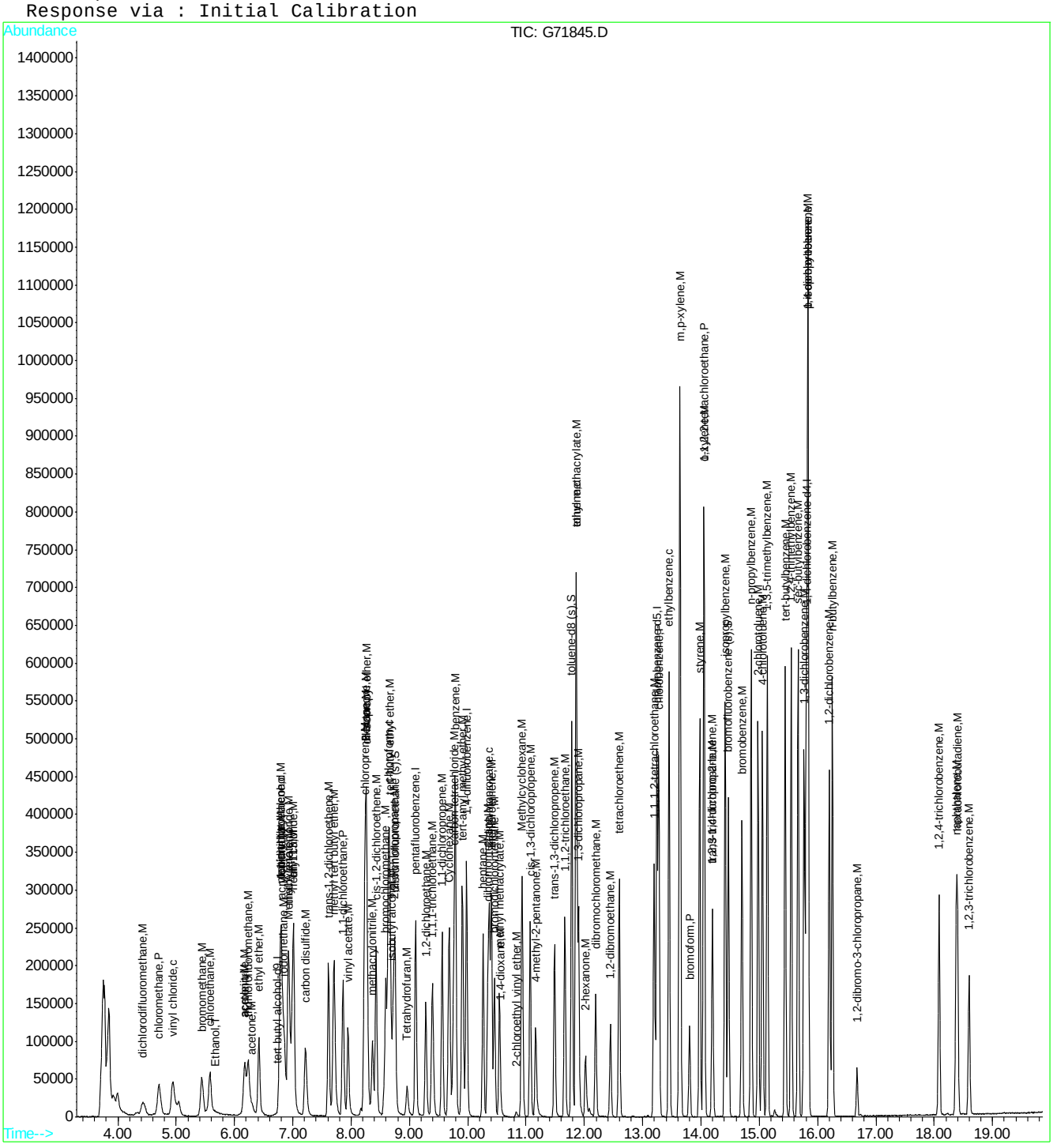
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
94)	p-isopropyltoluene	15.84	119	390479	39.54	ppb	98
95)	1,4-dichlorobenzene	15.83	146	239538	39.99	ppb	98
96)	1,2-dichlorobenzene	16.20	146	213155	41.26	ppb	98
97)	n-butylbenzene	16.25	91	337885	38.69	ppb	98
98)	1,2-dibromo-3-chloropropan	16.68	75	15884	39.96	ppb	94
99)	1,2,4-trichlorobenzene	18.08	180	113149	37.92	ppb	99
100)	hexachlorobutadiene	18.40	225	65742	39.45	ppb	99
101)	naphthalene	18.38	128	205071	38.16	ppb	100
102)	1,2,3-trichlorobenzene	18.60	180	74186	31.77	ppb	100

(#) = qualifier out of range (m) = manual integration
G71845.D G071007W.M Mon Jul 23 14:19:01 2007 RP1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\G71845.D Vial: 10
Acq On : 23 Jul 2007 1:26 pm Operator: kimt
Sample : m66418-3ms Inst : 5973 G
Misc : ms13993,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 14:18 2007 Quant Results File: G071007W.RES

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration

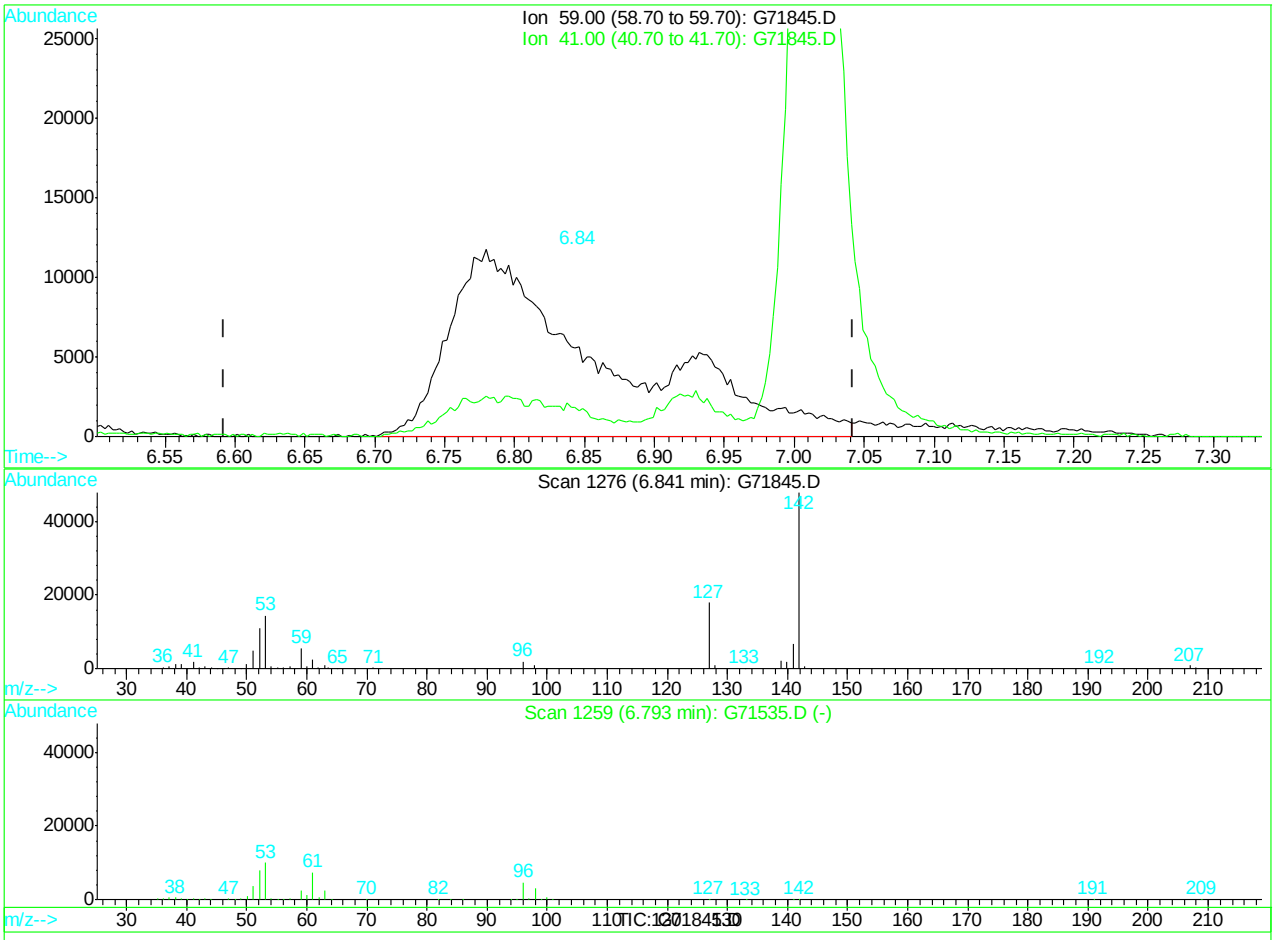


ACCUTEST Laboratories M66438

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71845.D Vial: 10
Acq On : 23 Jul 2007 1:26 pm Operator: kimt
Sample : m66418-3ms Inst : 5973 G
Misc : ms13993,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 14:07 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration



(2) tertiary butyl alcohol (M)

6.84min 851.23ppb

response 90180

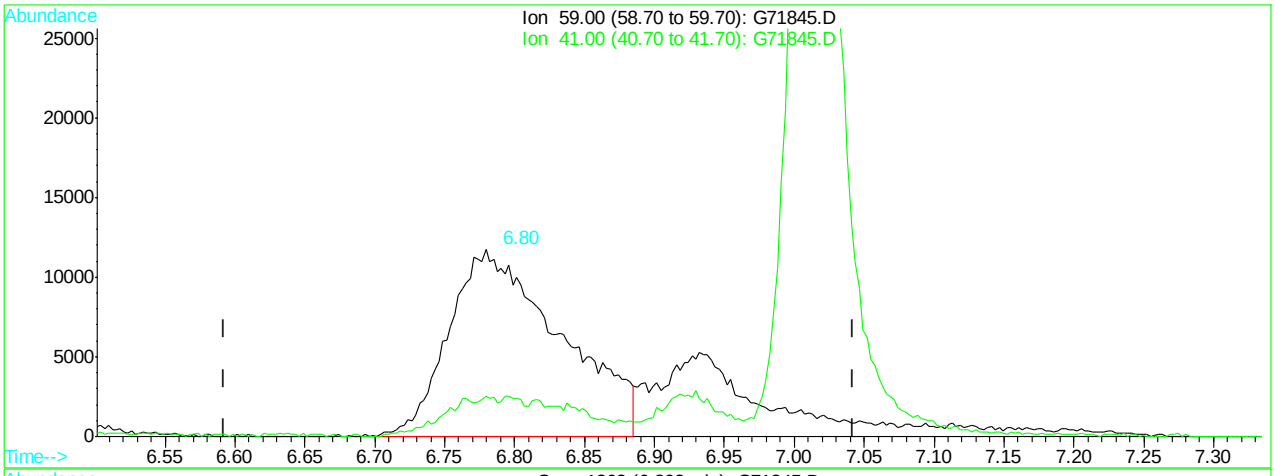
Ion	Exp%	Act%
59.00	100	100
41.00	18.40	32.30
0.00	0.00	0.00
0.00	0.00	0.00

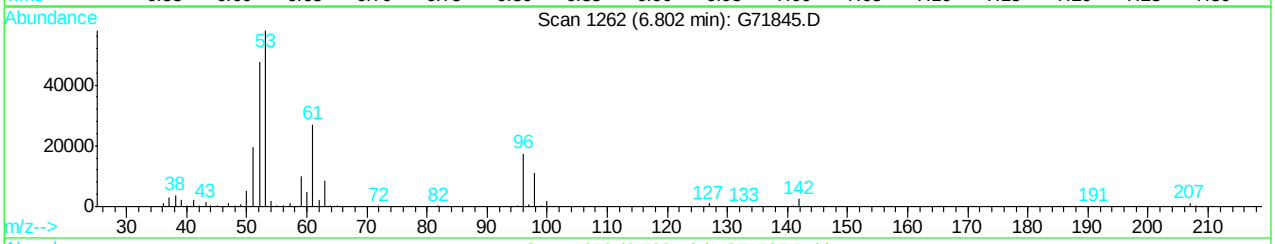
G71845.D G071007W.M Mon Jul 23 14:18:03 2007 RP1

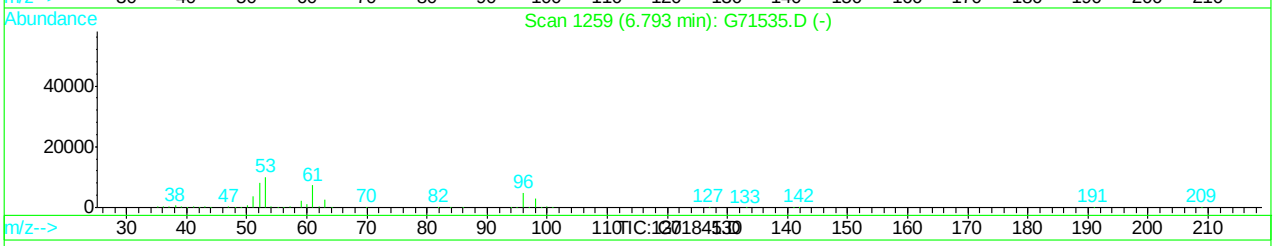
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71845.D Vial: 10
Acq On : 23 Jul 2007 1:26 pm Operator: kimt
Sample : m66418-3ms Inst : 5973 G
Misc : ms13993,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 14:18 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration







(2) tertiary butyl alcohol (M)

6.80min 615.24ppb m

response 65179

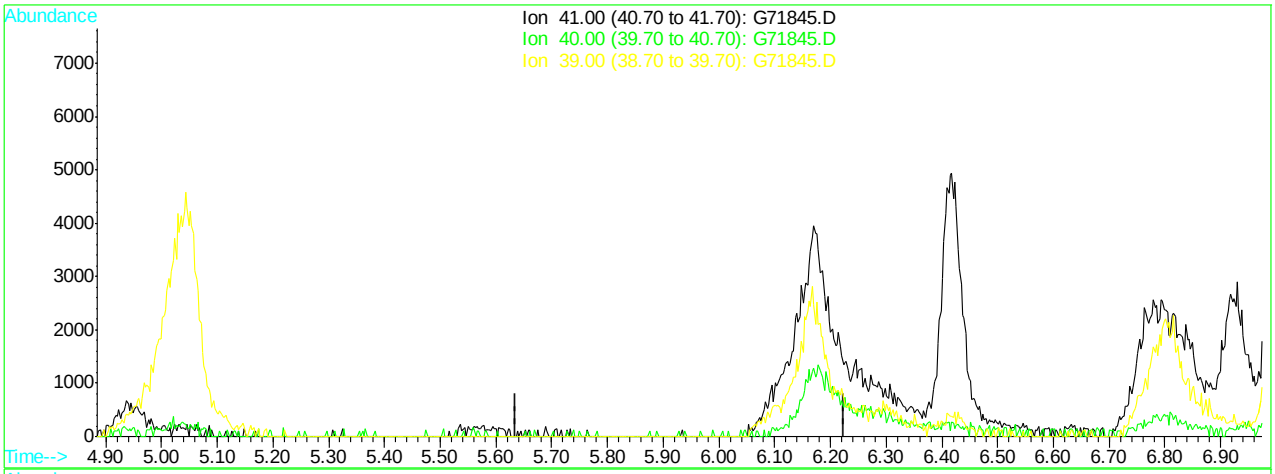
Ion	Exp%	Act%
59.00	100	100
41.00	18.40	23.75
0.00	0.00	0.00
0.00	0.00	0.00

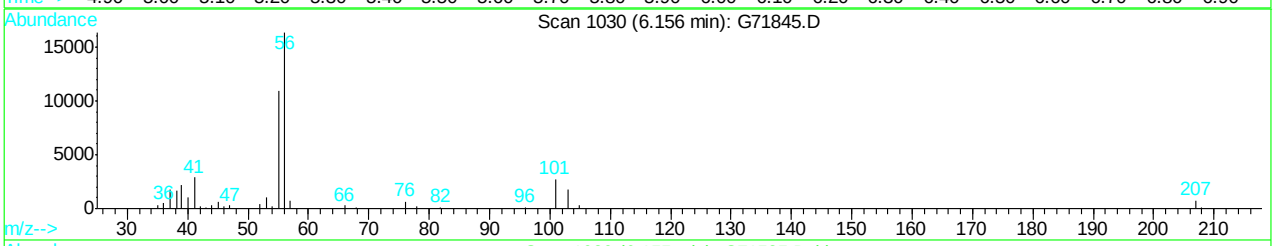
G71845.D G071007W.M Mon Jul 23 14:18:11 2007 RP1

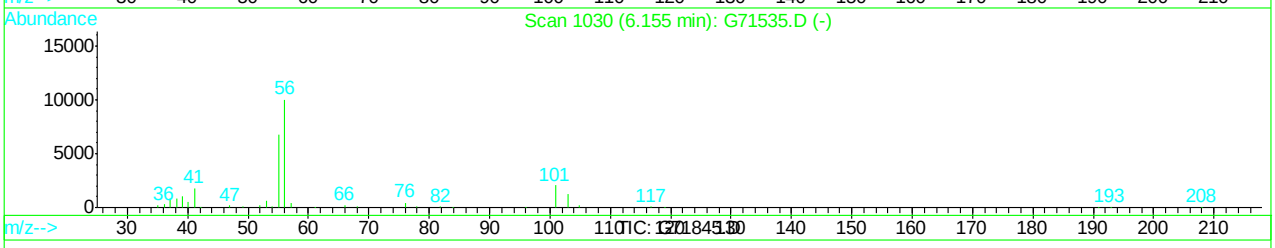
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71845.D Vial: 10
Acq On : 23 Jul 2007 1:26 pm Operator: kimt
Sample : m66418-3ms Inst : 5973 G
Misc : ms13993,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 14:18 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration







(11) acetonitrile (M)

6.16min 0.00ppb

response 0

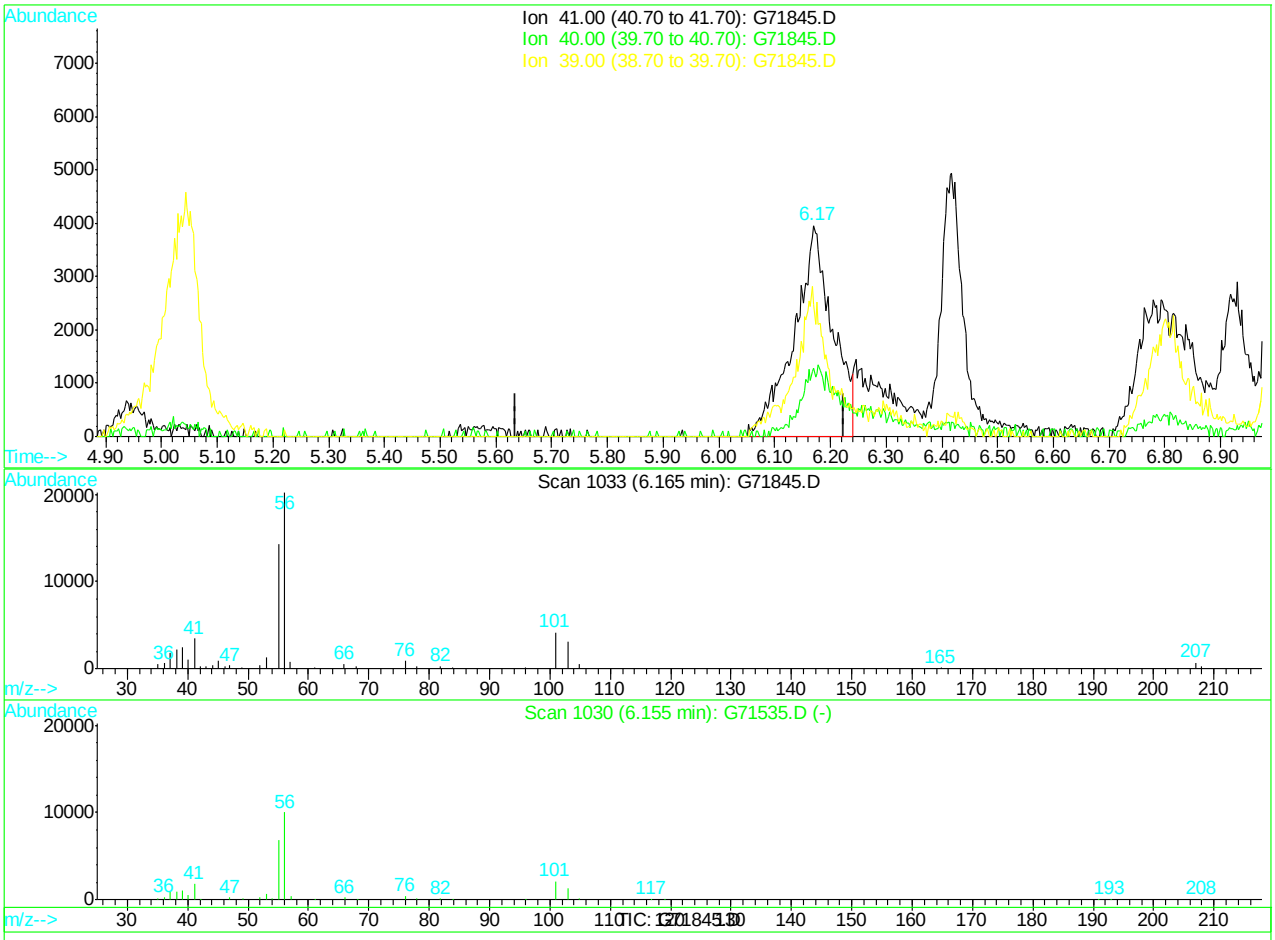
Ion	Exp%	Act%
41.00	100	0.00
40.00	29.50	0.00
39.00	60.60	0.00#
0.00	0.00	0.00

G71845.D G071007W.M Mon Jul 23 14:18:20 2007 RP1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71845.D Vial: 10
Acq On : 23 Jul 2007 1:26 pm Operator: kimt
Sample : m66418-3ms Inst : 5973 G
Misc : ms13993,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 14:18 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration



(11) acetonitrile (M)

6.16min 50.07ppb m

response 19003

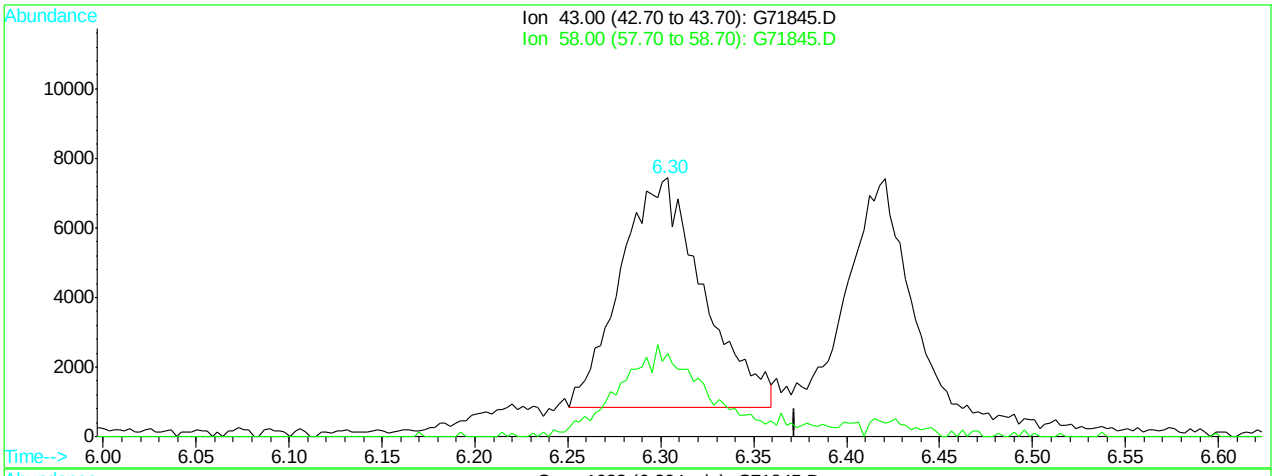
Ion	Exp%	Act%
41.00	100	100
40.00	29.50	30.43
39.00	60.60	70.12
0.00	0.00	0.00

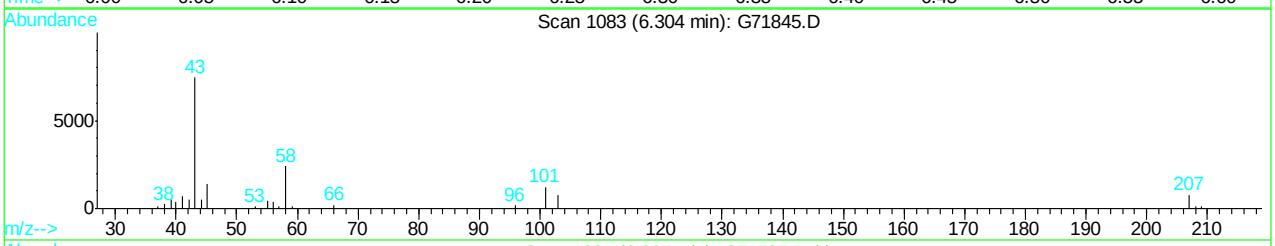
G71845.D G071007W.M Mon Jul 23 14:18:26 2007 RP1

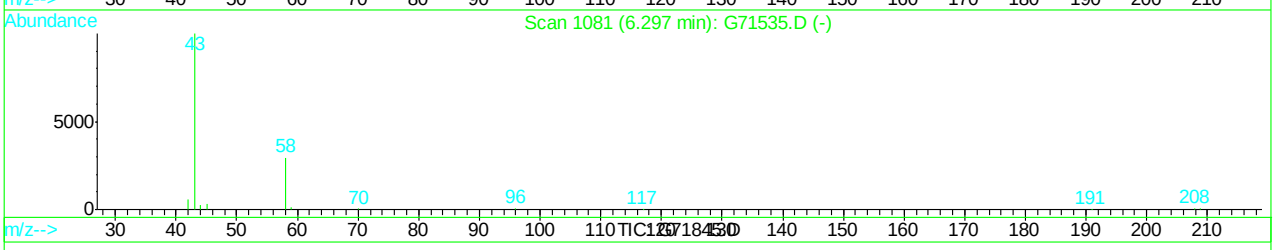
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71845.D Vial: 10
Acq On : 23 Jul 2007 1:26 pm Operator: kimt
Sample : m66418-3ms Inst : 5973 G
Misc : ms13993,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 14:18 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration







(16) acetone (M)

6.30min 28.90ppb

response 20426

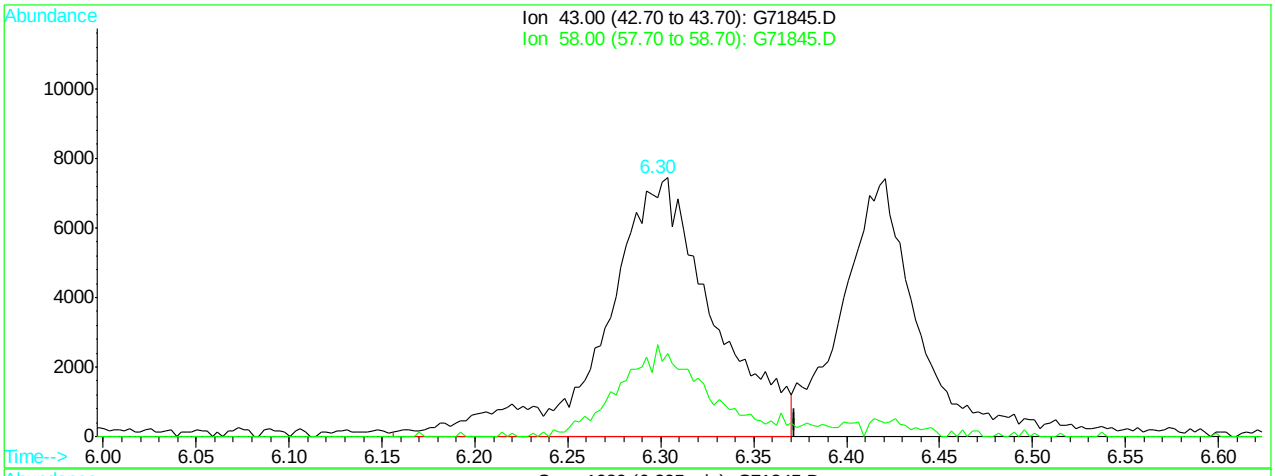
Ion	Exp%	Act%
43.00	100	100
58.00	28.80	32.38
0.00	0.00	0.00
0.00	0.00	0.00

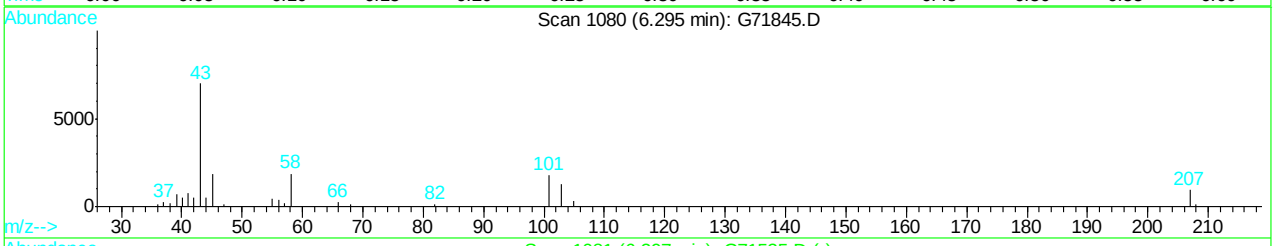
G71845.D G071007W.M Mon Jul 23 14:18:32 2007 RP1

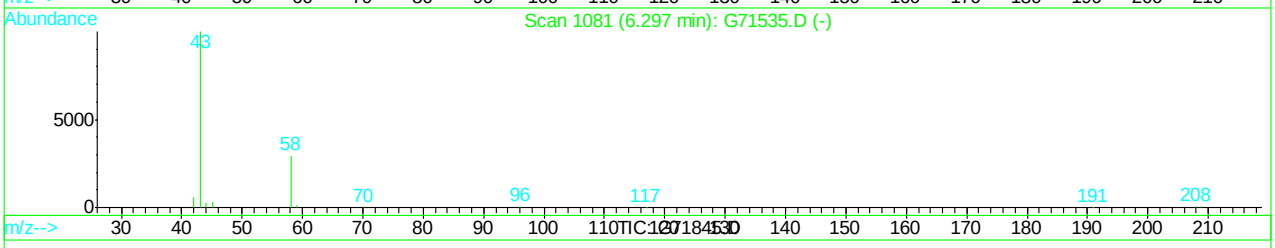
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71845.D Vial: 10
Acq On : 23 Jul 2007 1:26 pm Operator: kimt
Sample : m66418-3ms Inst : 5973 G
Misc : ms13993,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 14:18 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration







(16) acetone (M)

6.30min 42.63ppb m

response 30133

Ion	Exp%	Act%
43.00	100	100
58.00	28.80	26.50
0.00	0.00	0.00
0.00	0.00	0.00

G71845.D G071007W.M Mon Jul 23 14:18:41 2007 RP1

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau 07/24/07 14:00

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71846.D Vial: 11
Acq On : 23 Jul 2007 1:52 pm Operator: kimt
Sample : m66418-3msd Inst : 5973 G
Misc : ms13993,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 14:20 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration
DataAcq Meth : G8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.73	65	7224	50.00	ppb	0.01
3) pentafluorobenzene	9.11	168	205293	50.00	ppb	0.00
43) 1,4-difluorobenzene	9.98	114	306380	50.00	ppb	0.00
66) chlorobenzene-d5	13.24	82	160435	50.00	ppb	0.00
80) 1,4-dichlorobenzene-d4	15.80	152	174582	50.00	ppb	0.00

System Monitoring Compounds

40) dibromofluoromethane (s)	8.76	113	98352	51.63	ppb	0.00
Spiked Amount 50.000	Range 83 - 127		Recovery = 103.26%			
60) toluene-d8 (s)	11.78	98	380175	49.85	ppb	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 99.70%			
82) bromofluorobenzene (s)	14.47	95	150373	48.35	ppb	0.00
Spiked Amount 50.000	Range 81 - 119		Recovery = 96.70%			

Target Compounds

							Qvalue
2) tertiary butyl alcohol	6.80	59	69189m	404.56	ppb		
4) Ethanol	5.70	45	80405m	4704.81	ppb		
5) dichlorodifluoromethane	4.44	85	51443	30.79	ppb		99
6) chloromethane	4.71	50	103778	47.31	ppb		98
7) vinyl chloride	4.95	62	107032	48.80	ppb		95
8) bromomethane	5.44	96	69053	48.98	ppb		98
9) chloroethane	5.58	64	75513	49.61	ppb		93
10) ethyl ether	6.42	59	84259	42.22	ppb		100
11) acetonitrile	6.16	41	16997	43.40	ppb		81
12) trichlorofluoromethane	6.23	101	123466	46.13	ppb		98
13) freon-113	6.99	101	91064	49.55	ppb		94
14) acrolein	6.18	56	71060	329.10	ppb		98
15) 1,1-dichloroethene	6.79	96	88084	44.45	ppb		90
16) acetone	6.30	43	30028m	40.98	ppb		
17) Methyl Acetate	6.94	43	123062	35.99	ppb	#	95
18) methylene chloride	6.93	84	115667	47.39	ppb		94
19) methyl tert butyl ether	7.71	73	303409	45.08	ppb		98
20) acrylonitrile	6.82	53	195917	208.80	ppb		100
21) allyl chloride	7.02	41	151998	43.35	ppb		99
22) trans-1,2-dichloroethene	7.62	96	99759	46.16	ppb		98
23) iodomethane	6.85	142	175062	45.90	ppb		98
24) carbon disulfide	7.22	76	228734	35.30	ppb		100
25) propionitrile	6.81	54	6495	43.38	ppb		100
26) vinyl acetate	7.95	43	219520	109.99	ppb		99
27) chloroprene	8.23	53	127901	47.15	ppb		97
28) di-isopropyl ether	8.27	45	370604	44.20	ppb		99
29) methacrylonitrile	8.37	41	66558	42.55	ppb		96
30) 2-butanone	8.27	72	13510	45.93	ppb	#	64
31) Hexane	8.26	41	133025	41.71	ppb	#	85
32) 1,1-dichloroethane	7.86	63	202459	51.09	ppb		99
33) tert-butyl ethyl ether	8.67	59	339243	44.08	ppb		97
34) isobutyl alcohol	8.68	43	52710	218.68	ppb		80
35) 2,2-dichloropropane	8.73	77	144020	63.34	ppb		100
36) cis-1,2-dichloroethene	8.43	96	114229	44.73	ppb		98
38) bromochloromethane	8.60	128	58716	48.79	ppb		97

(#) = qualifier out of range (m) = manual integration
G71846.D G071007W.M Mon Jul 23 14:20:48 2007 RP1 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71846.D Vial: 11
Acq On : 23 Jul 2007 1:52 pm Operator: kimt
Sample : m66418-3msd Inst : 5973 G
Misc : ms13993,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 14:20 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration
DataAcq Meth : G8260

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
39) chloroform	8.64	83	182256	47.40 ppb		97
41) Tetrahydrofuran	8.97	42	33496	44.77 ppb		93
42) 1,1,1-trichloroethane	9.40	97	151578	46.48 ppb		97
44) Cyclohexane	9.68	56	153000	37.64 ppb		99
45) carbon tetrachloride	9.76	117	135884	45.51 ppb		98
46) 1,1-dichloropropene	9.56	75	130108	45.14 ppb		98
47) benzene	9.79	78	407862	46.10 ppb		99
48) 1,2-dichloroethane	9.28	62	131297	46.13 ppb		97
49) tert-amyl methyl ether	9.91	73	310880	41.20 ppb		97
50) heptane	10.26	43	109698	39.35 ppb		95
51) trichloroethene	10.41	95	101596	41.71 ppb		99
52) 1,2-dichloropropane	10.37	63	110318	47.95 ppb		99
53) dibromomethane	10.34	93	66108	46.20 ppb		94
54) bromodichloromethane	10.46	83	133556	43.30 ppb		97
55) Methylcyclohexane	10.93	83	147608	39.89 ppb		94
56) 2-chloroethyl vinyl ether	10.83	63	981	4.33 ppb	#	45
57) methyl methacrylate	10.55	69	70206	45.00 ppb		95
58) 1,4-dioxane	10.56	88	3806	200.18 ppb		77
59) cis-1,3-dichloropropene	11.07	75	164558	48.17 ppb		100
61) 4-methyl-2-pentanone	11.17	43	107500	43.42 ppb		98
62) toluene	11.86	92	255518	43.71 ppb		98
63) trans-1,3-dichloropropene	11.49	75	140653	47.80 ppb		95
64) 1,1,2-trichloroethane	11.67	83	81685	46.72 ppb		98
65) ethyl methacrylate	11.87	69	137173	47.16 ppb		96
67) tetrachloroethene	12.60	166	107121	43.36 ppb		99
68) 1,3-dichloropropane	11.90	76	169723	46.56 ppb		99
69) dibromochloromethane	12.20	129	101067	40.99 ppb		99
70) 1,2-dibromoethane	12.45	107	96741	45.19 ppb		99
71) 2-hexanone	12.03	43	74255	44.25 ppb		100
72) chlorobenzene	13.28	112	296775	44.99 ppb		99
73) 1,1,1,2-tetrachloroethane	13.20	131	110598	48.65 ppb		98
74) ethylbenzene	13.45	91	475736	44.83 ppb		99
75) m,p-xylene	13.64	106	380218	84.44 ppb		98
76) o-xylene	14.05	106	187218	44.03 ppb		99
77) styrene	13.98	104	296948	46.84 ppb		99
78) bromoform	13.80	173	69125	38.05 ppb		99
79) trans-1,4-dichloro-2-buten	14.19	53	17224	28.50 ppb	#	29
81) isopropylbenzene	14.41	105	415392	40.97 ppb		100
83) bromobenzene	14.70	156	138289	42.24 ppb		97
84) 1,1,2,2-tetrachloroethane	14.05	83	135878	52.66 ppb		96
85) 1,2,3-trichloropropane	14.20	75	126849	38.87 ppb		97
86) n-propylbenzene	14.86	91	544888	40.59 ppb		99
87) 2-chlorotoluene	14.98	91	330272	40.14 ppb		98
88) 4-chlorotoluene	15.05	91	337638	39.88 ppb		97
89) 1,3,5-trimethylbenzene	15.14	105	379201	40.43 ppb		98
90) tert-butylbenzene	15.44	91	207371	40.88 ppb		98
91) 1,2,4-trimethylbenzene	15.55	105	389698	40.01 ppb		99
92) sec-butylbenzene	15.66	105	494493	41.41 ppb		99
93) 1,3-dichlorobenzene	15.77	146	234430	40.41 ppb		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71846.D Vial: 11
Acq On : 23 Jul 2007 1:52 pm Operator: kimt
Sample : m66418-3msd Inst : 5973 G
Misc : ms13993,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 14:20 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration
DataAcq Meth : G8260

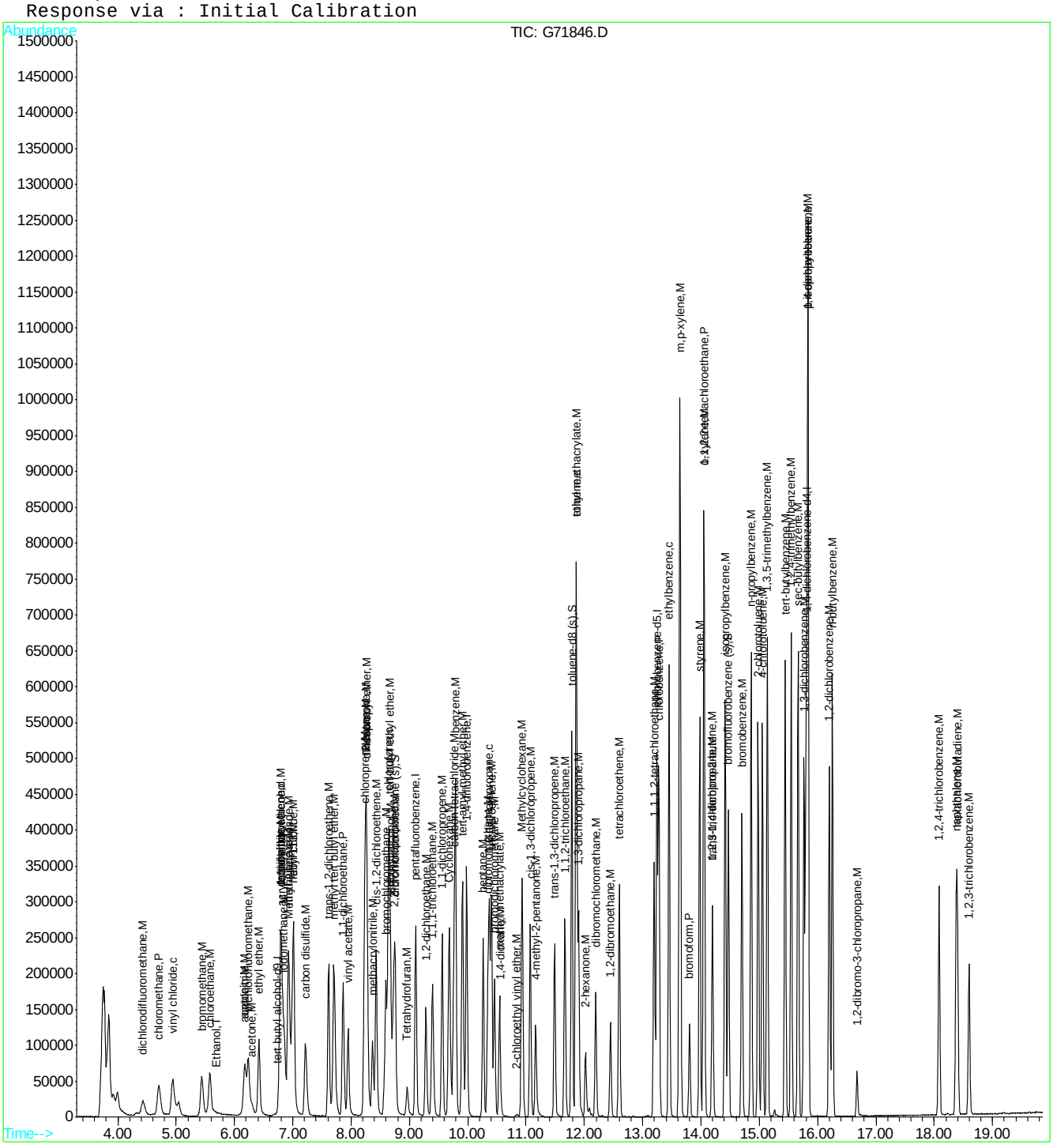
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
94)	p-isopropyltoluene	15.84	119	421380	41.18	ppb	98
95)	1,4-dichlorobenzene	15.83	146	255736	41.20	ppb	97
96)	1,2-dichlorobenzene	16.20	146	223805	41.81	ppb	97
97)	n-butylbenzene	16.25	91	361100	39.90	ppb	99
98)	1,2-dibromo-3-chloropropan	16.68	75	16232	39.41	ppb	93
99)	1,2,4-trichlorobenzene	18.08	180	121207	39.20	ppb	98
100)	hexachlorobutadiene	18.40	225	70894	41.06	ppb	100
101)	naphthalene	18.37	128	232811	41.81	ppb	100
102)	1,2,3-trichlorobenzene	18.60	180	83753	34.51	ppb	98

(#) = qualifier out of range (m) = manual integration
G71846.D G071007W.M Mon Jul 23 14:20:48 2007 RP1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\G71846.D Vial: 11
Acq On : 23 Jul 2007 1:52 pm Operator: kimt
Sample : m66418-3msd Inst : 5973 G
Misc : ms13993,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 14:20 2007 Quant Results File: G071007W.RES

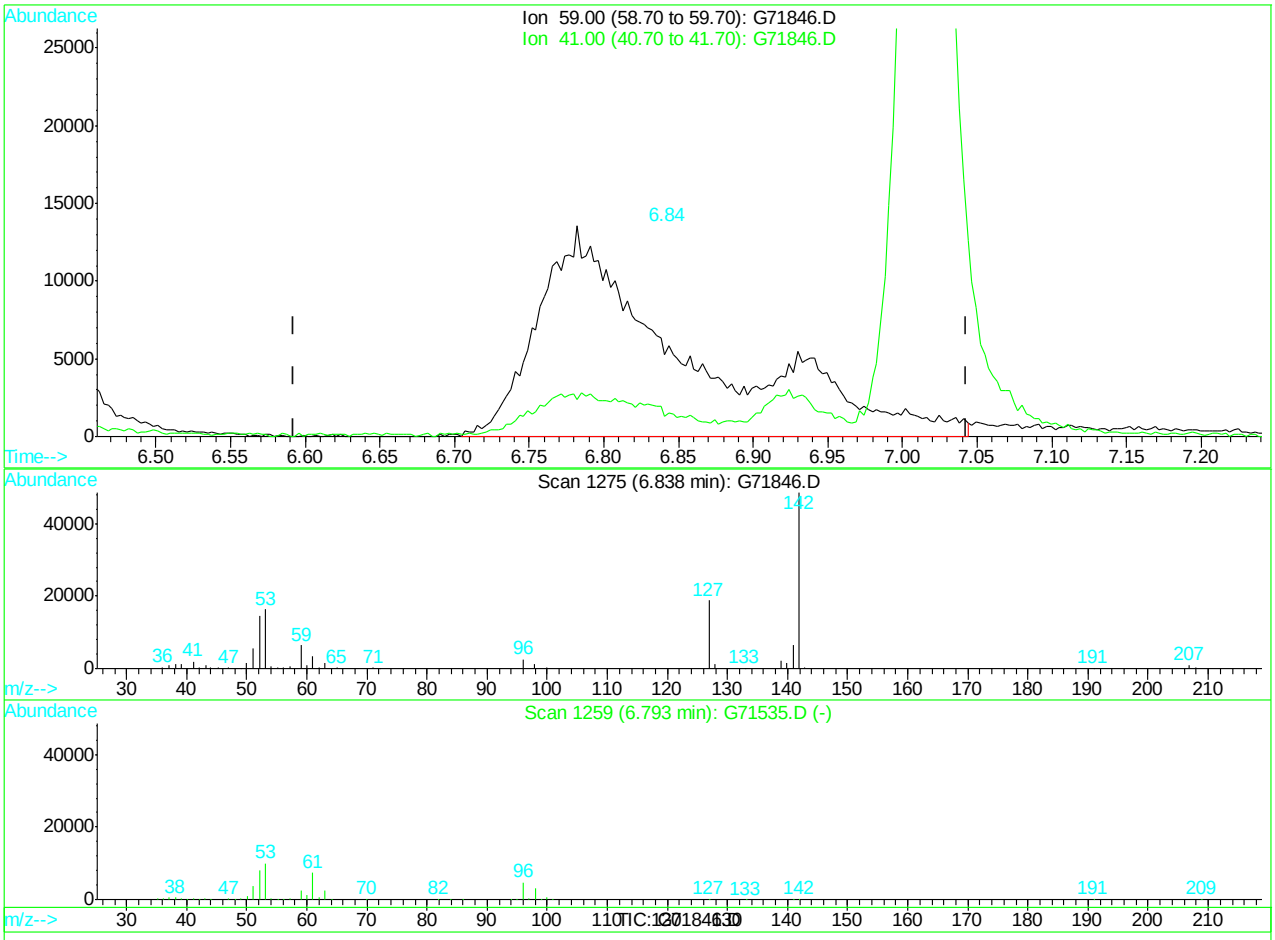
Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration



Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71846.D Vial: 11
Acq On : 23 Jul 2007 1:52 pm Operator: kimt
Sample : m66418-3msd Inst : 5973 G
Misc : ms13993,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 14:19 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration



(2) tertiary butyl alcohol (M)

6.84min 541.95ppb

response 92685

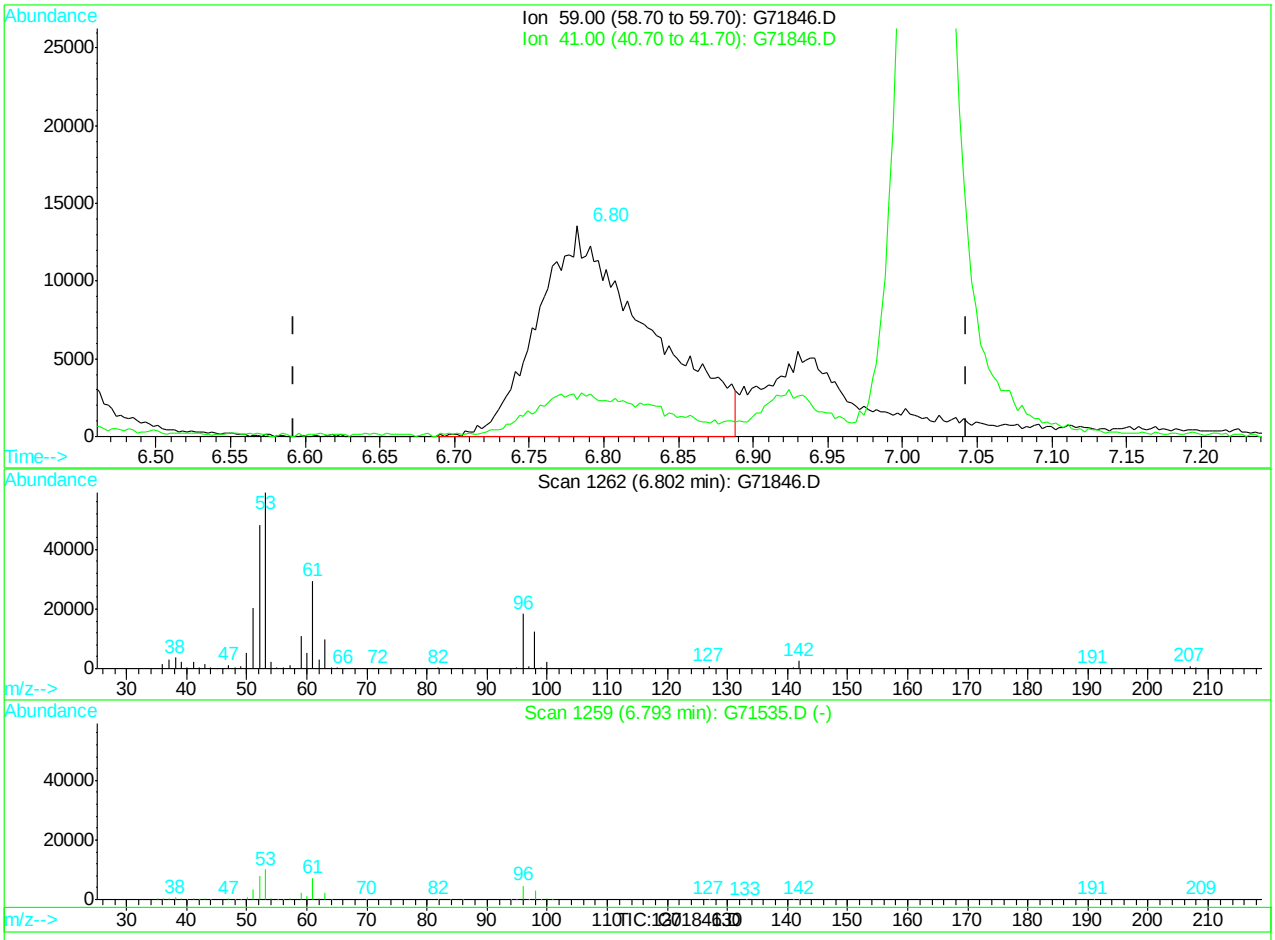
Ion	Exp%	Act%
59.00	100	100
41.00	18.40	28.78
0.00	0.00	0.00
0.00	0.00	0.00

G71846.D G071007W.M Mon Jul 23 14:20:00 2007 RP1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71846.D Vial: 11
Acq On : 23 Jul 2007 1:52 pm Operator: kimt
Sample : m66418-3msd Inst : 5973 G
Misc : ms13993,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 14:20 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration



(2) tertiary butyl alcohol (M)

6.80min 404.56ppb m

response 69189

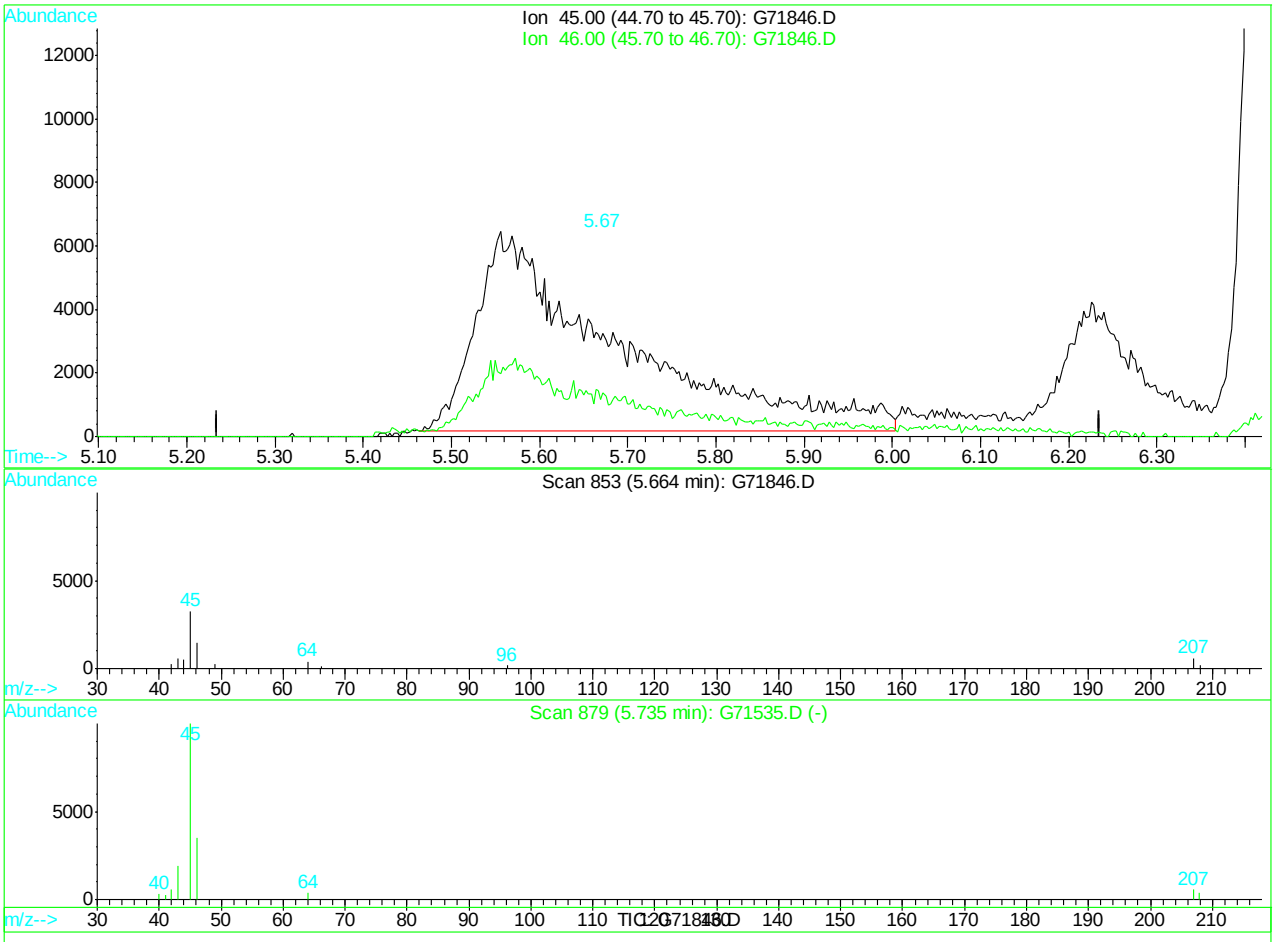
Ion	Exp%	Act%
59.00	100	100
41.00	18.40	21.68
0.00	0.00	0.00
0.00	0.00	0.00

G71846.D G071007W.M Mon Jul 23 14:20:05 2007 RP1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71846.D Vial: 11
Acq On : 23 Jul 2007 1:52 pm Operator: kimt
Sample : m66418-3msd Inst : 5973 G
Misc : ms13993,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 14:20 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration



(4) Ethanol (T)

5.67min 4058.29ppb

response 69356

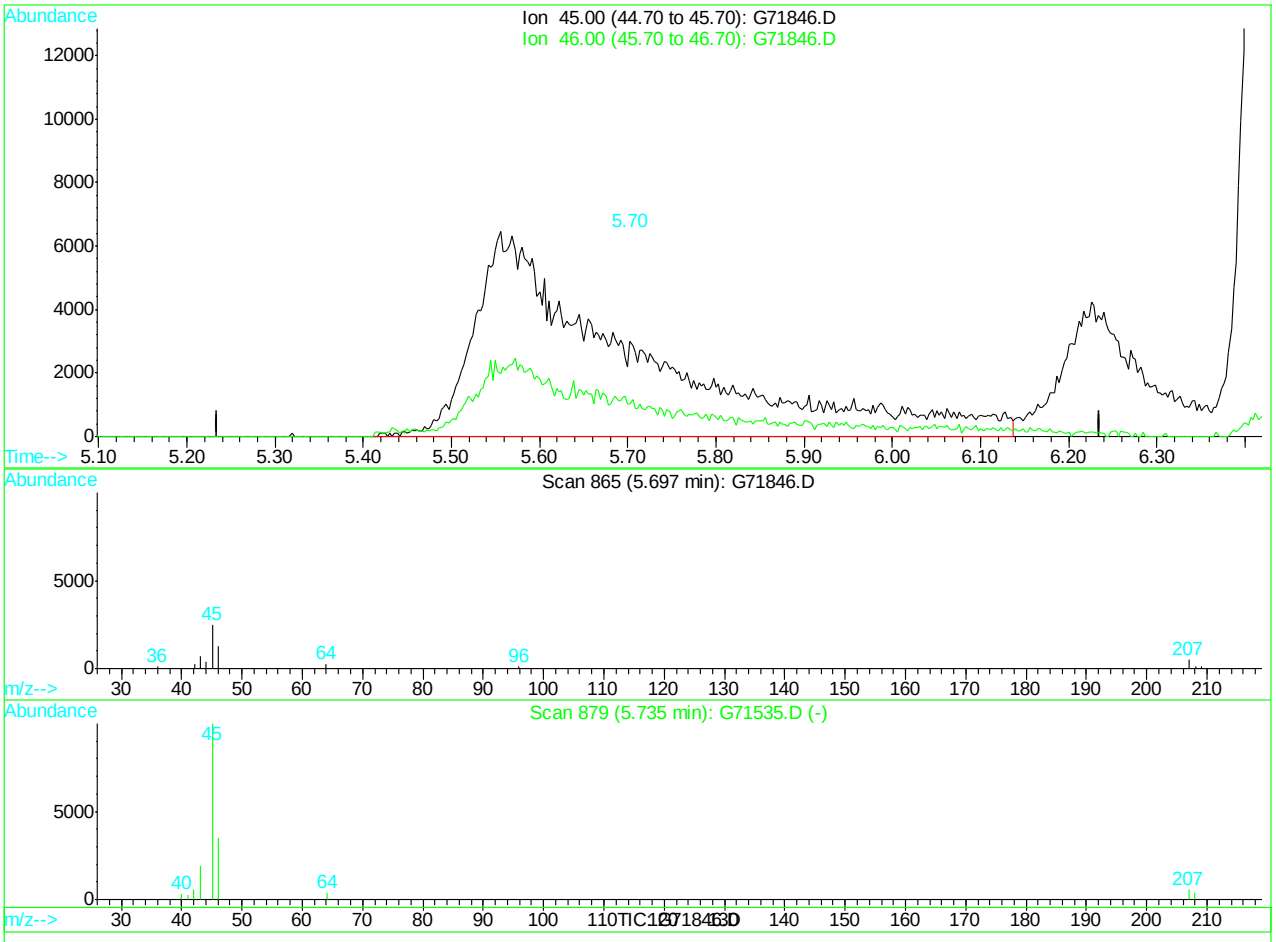
Ion	Exp%	Act%
45.00	100	100
46.00	37.70	34.53
0.00	0.00	0.00
0.00	0.00	0.00

G71846.D G071007W.M Mon Jul 23 14:20:11 2007 RP1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71846.D Vial: 11
Acq On : 23 Jul 2007 1:52 pm Operator: kimt
Sample : m66418-3msd Inst : 5973 G
Misc : ms13993,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 14:20 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration



(4) Ethanol (T)

5.70min 4704.81ppb m

response 80405

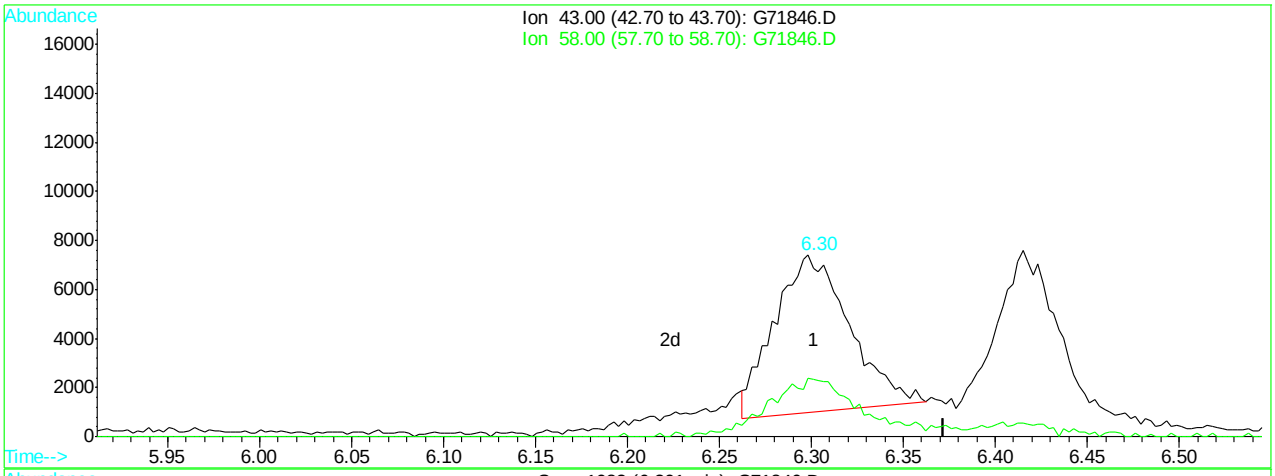
Ion	Exp%	Act%
45.00	100	100
46.00	37.70	29.79
0.00	0.00	0.00
0.00	0.00	0.00

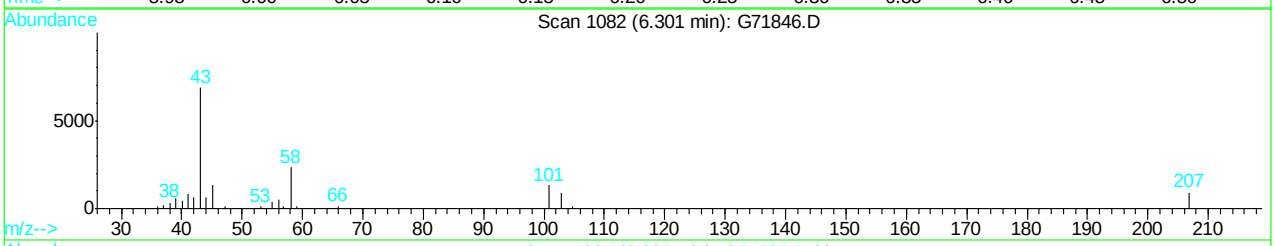
G71846.D G071007W.M Mon Jul 23 14:20:20 2007 RP1

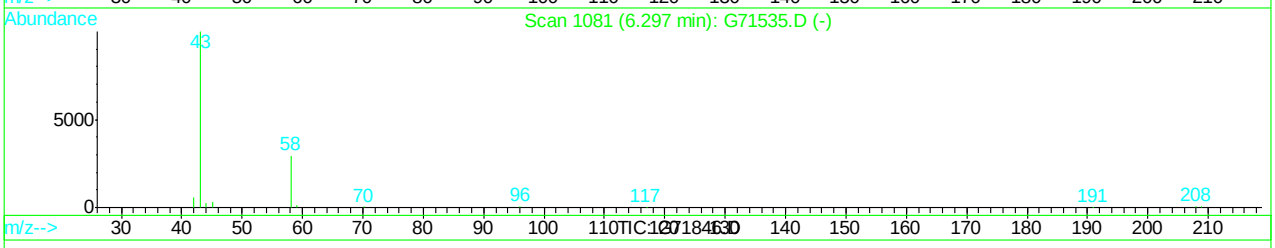
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71846.D Vial: 11
Acq On : 23 Jul 2007 1:52 pm Operator: kimt
Sample : m66418-3msd Inst : 5973 G
Misc : ms13993,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 14:20 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration







(16) acetone (M)

6.30min 24.87ppb

response 18225

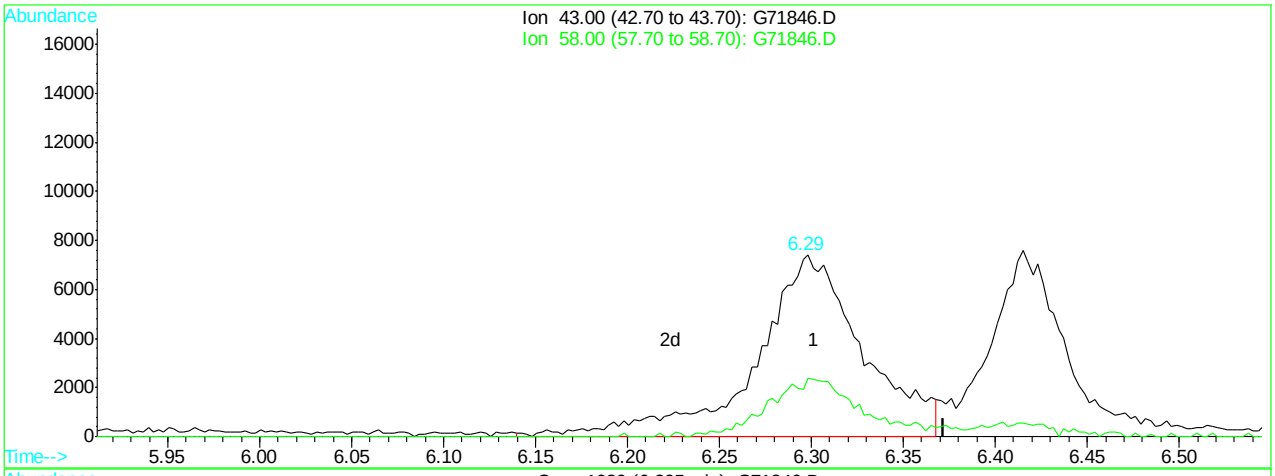
Ion	Exp%	Act%
43.00	100	100
58.00	28.80	38.47
0.00	0.00	0.00
0.00	0.00	0.00

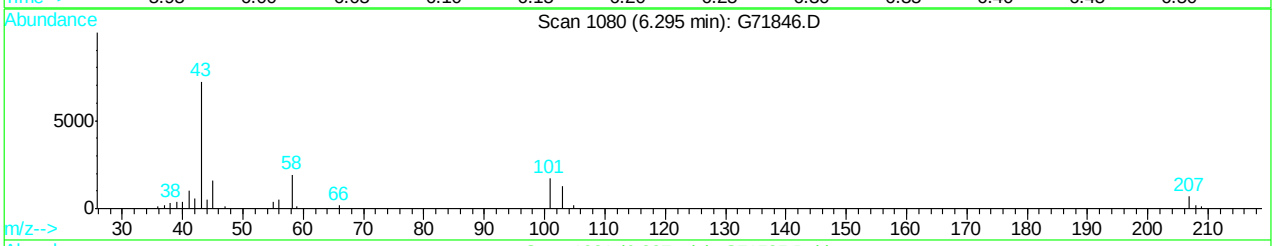
G71846.D G071007W.M Mon Jul 23 14:20:29 2007 RP1

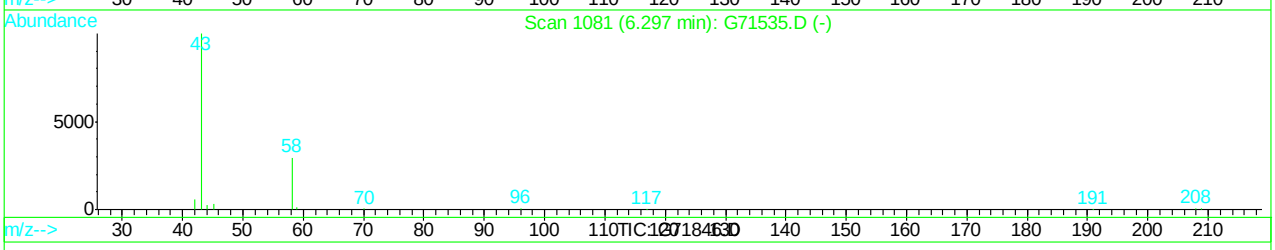
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71846.D Vial: 11
Acq On : 23 Jul 2007 1:52 pm Operator: kimt
Sample : m66418-3msd Inst : 5973 G
Misc : ms13993,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 14:20 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration







(16) acetone (M)

6.30min 40.98ppb m

response 30028

Ion	Exp%	Act%
43.00	100	100
58.00	28.80	26.82
0.00	0.00	0.00
0.00	0.00	0.00

G71846.D G071007W.M Mon Jul 23 14:20:35 2007 RP1

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani 07/25/07 15:58

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71900.D Vial: 12
Acq On : 24 Jul 2007 1:33 pm Operator: kimt
Sample : m66438-1ms Inst : 5973 G
Misc : ms13993,msg2886,,,,5,10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 16:59 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration
DataAcq Meth : G8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.70	65	5177	50.00	ppb	-0.01
3) pentafluorobenzene	9.11	168	202687	50.00	ppb	0.00
43) 1,4-difluorobenzene	9.98	114	303374	50.00	ppb	0.00
66) chlorobenzene-d5	13.24	82	153238	50.00	ppb	0.00
80) 1,4-dichlorobenzene-d4	15.80	152	166573	50.00	ppb	0.00

System Monitoring Compounds						
40) dibromofluoromethane (s)	8.76	113	96555	51.34	ppb	0.00
Spiked Amount 50.000	Range 83 - 127		Recovery = 102.68%			
60) toluene-d8 (s)	11.78	98	361399	47.85	ppb	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 95.70%			
82) bromofluorobenzene (s)	14.47	95	138079	46.53	ppb	0.00
Spiked Amount 50.000	Range 81 - 119		Recovery = 93.06%			

Target Compounds							Qvalue
2) tertiary butyl alcohol	6.78	59	68776m	561.16	ppb		
4) Ethanol	5.72	45	77328	4582.94	ppb	#	37
5) dichlorodifluoromethane	4.44	85	125227	75.91	ppb		98
6) chloromethane	4.71	50	127220	58.74	ppb		99
7) vinyl chloride	4.95	62	130825	60.42	ppb		99
8) bromomethane	5.44	96	77998	56.45	ppb		99
9) chloroethane	5.58	64	79624	52.99	ppb		99
10) ethyl ether	6.42	59	86251	43.77	ppb		98
11) acetonitrile	6.16	41	19463m	50.10	ppb		
12) trichlorofluoromethane	6.23	101	139035	52.61	ppb		99
13) freon-113	6.99	101	104073	57.36	ppb		99
14) acrolein	6.18	56	100576	471.78	ppb		98
15) 1,1-dichloroethene	6.79	96	98770	50.50	ppb		98
16) acetone	6.29	43	30790m	42.56	ppb		
17) Methyl Acetate	6.94	43	118459	35.09	ppb		99
18) methylene chloride	6.93	84	116365	48.30	ppb		93
19) methyl tert butyl ether	7.71	73	304443	45.82	ppb		100
20) acrylonitrile	6.82	53	219159	236.57	ppb		99
21) allyl chloride	7.02	41	159182	45.98	ppb		97
22) trans-1,2-dichloroethene	7.62	96	107726	50.49	ppb		95
23) iodomethane	6.85	142	189534	50.33	ppb		98
24) carbon disulfide	7.22	76	301018	47.06	ppb		100
25) propionitrile	6.81	54	7801	51.16	ppb		100
26) vinyl acetate	7.95	43	199960	103.01	ppb		99
27) chloroprene	8.23	53	139394	52.04	ppb		96
28) di-isopropyl ether	8.27	45	365277	44.12	ppb		95
29) methacrylonitrile	8.37	41	72365	46.86	ppb		95
30) 2-butanone	8.26	72	14416	49.64	ppb	#	84
31) Hexane	8.25	41	167071	53.06	ppb		95
32) 1,1-dichloroethane	7.86	63	189838	48.52	ppb		99
33) tert-butyl ethyl ether	8.66	59	331239	43.59	ppb		99
34) isobutyl alcohol	8.68	43	58312	245.03	ppb		93
35) 2,2-dichloropropane	8.73	77	137718	61.34	ppb		96
36) cis-1,2-dichloroethene	8.43	96	113922	45.19	ppb		100
38) bromochloromethane	8.60	128	60050	50.54	ppb		97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71900.D Vial: 12
Acq On : 24 Jul 2007 1:33 pm Operator: kimt
Sample : m66438-1ms Inst : 5973 G
Misc : ms13993,msg2886,,,,5,10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 16:59 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration
DataAcq Meth : G8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
39)	chloroform	8.64	83	182924	48.18	ppb		98
41)	Tetrahydrofuran	8.96	42	33640	45.54	ppb		90
42)	1,1,1-trichloroethane	9.40	97	160731	49.92	ppb		98
44)	Cyclohexane	9.68	56	185102	45.99	ppb		98
45)	carbon tetrachloride	9.76	117	141692	47.92	ppb		96
46)	1,1-dichloropropene	9.56	75	139977	49.05	ppb		97
47)	benzene	9.79	78	419195	47.85	ppb		98
48)	1,2-dichloroethane	9.28	62	134724	47.80	ppb		99
49)	tert-amyl methyl ether	9.91	73	301754	40.39	ppb		96
50)	heptane	10.26	43	166623	60.36	ppb		97
51)	trichloroethene	10.40	95	115539	47.90	ppb		100
52)	1,2-dichloropropane	10.37	63	109892	48.24	ppb		99
53)	dibromomethane	10.34	93	68376	48.26	ppb		94
54)	bromodichloromethane	10.46	83	135593	44.40	ppb		97
55)	Methylcyclohexane	10.93	83	187385	51.14	ppb		99
56)	2-chloroethyl vinyl ether	10.93	63	1282	5.72	ppb	#	1
57)	methyl methacrylate	10.55	69	75192	48.67	ppb		96
58)	1,4-dioxane	10.57	88	4276m	223.16	ppb		
59)	cis-1,3-dichloropropene	11.07	75	163908	48.46	ppb		99
61)	4-methyl-2-pentanone	11.17	43	111295	45.40	ppb		97
62)	toluene	11.86	92	264999	45.78	ppb		97
63)	trans-1,3-dichloropropene	11.49	75	137736	47.27	ppb		97
64)	1,1,2-trichloroethane	11.66	83	83320	48.13	ppb		99
65)	ethyl methacrylate	11.86	69	142457	49.46	ppb		96
67)	tetrachloroethene	12.60	166	253664	107.51	ppb		99
68)	1,3-dichloropropane	11.90	76	169259	48.62	ppb		100
69)	dibromochloromethane	12.19	129	109293	46.40	ppb		97
70)	1,2-dibromoethane	12.45	107	103336	50.53	ppb		98
71)	2-hexanone	12.02	43	76523	47.75	ppb		99
72)	chlorobenzene	13.28	112	301268	47.82	ppb		99
73)	1,1,1,2-tetrachloroethane	13.19	131	109655	50.50	ppb		98
74)	ethylbenzene	13.45	91	496316	48.96	ppb		100
75)	m,p-xylene	13.64	106	407488	94.75	ppb		100
76)	o-xylene	14.05	106	197527	48.63	ppb		100
77)	styrene	13.98	104	313372	51.75	ppb		98
78)	bromoform	13.80	173	80966	46.66	ppb		96
79)	trans-1,4-dichloro-2-buten	14.19	53	21521	36.46	ppb	#	54
81)	isopropylbenzene	14.41	105	444074	45.91	ppb		98
83)	bromobenzene	14.70	156	144344	46.21	ppb		99
84)	1,1,2,2-tetrachloroethane	14.05	83	141179	57.35	ppb		99
85)	1,2,3-trichloropropane	14.19	75	139648	44.85	ppb		99
86)	n-propylbenzene	14.86	91	598379	46.71	ppb		99
87)	2-chlorotoluene	14.98	91	349770	44.55	ppb		99
88)	4-chlorotoluene	15.05	91	355791	44.04	ppb		96
89)	1,3,5-trimethylbenzene	15.14	105	425304	47.53	ppb		100
90)	tert-butylbenzene	15.44	91	226309	46.76	ppb		99
91)	1,2,4-trimethylbenzene	15.55	105	434040	46.70	ppb		98
92)	sec-butylbenzene	15.66	105	556857	48.88	ppb		99
93)	1,3-dichlorobenzene	15.77	146	260798	47.12	ppb		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71900.D Vial: 12
Acq On : 24 Jul 2007 1:33 pm Operator: kimt
Sample : m66438-1ms Inst : 5973 G
Misc : ms13993,msg2886,,,,5,10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 16:59 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration
DataAcq Meth : G8260

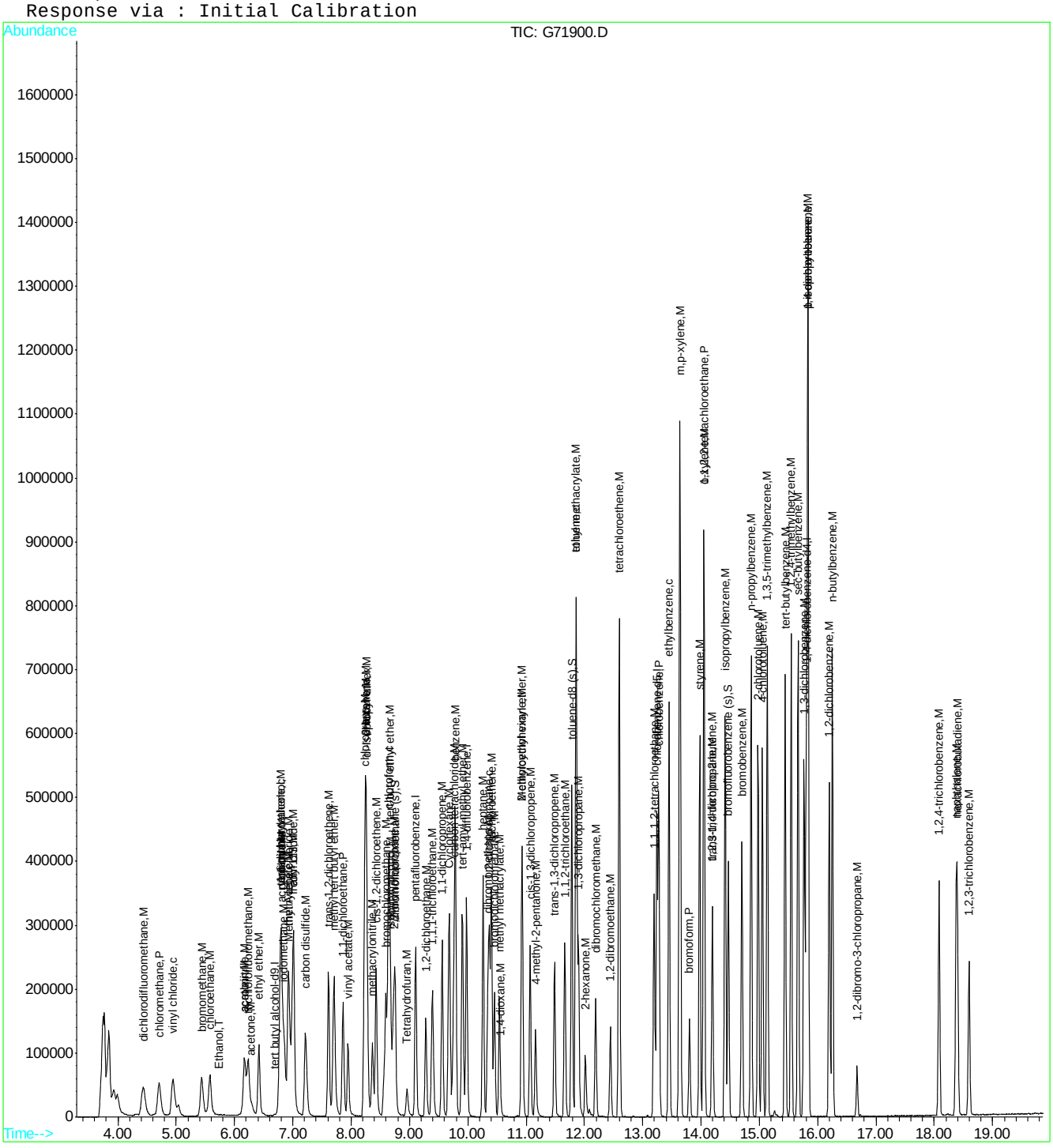
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
94)	p-isopropyltoluene	15.83	119	488033	49.99	ppb	98
95)	1,4-dichlorobenzene	15.83	146	280572	47.38	ppb	98
96)	1,2-dichlorobenzene	16.20	146	239823	46.96	ppb	99
97)	n-butylbenzene	16.25	91	428558	49.63	ppb	98
98)	1,2-dibromo-3-chloropropan	16.68	75	19435	49.46	ppb	93
99)	1,2,4-trichlorobenzene	18.08	180	140412	47.59	ppb	97
100)	hexachlorobutadiene	18.40	225	81742	49.62	ppb	99
101)	naphthalene	18.37	128	277544	52.24	ppb	100
102)	1,2,3-trichlorobenzene	18.60	180	94893	40.84	ppb	97

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\G71900.D Vial: 12
Acq On : 24 Jul 2007 1:33 pm Operator: kimt
Sample : m66438-1ms Inst : 5973 G
Misc : ms13993,msg2886,,,,5,10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 16:59 2007 Quant Results File: G071007W.RES

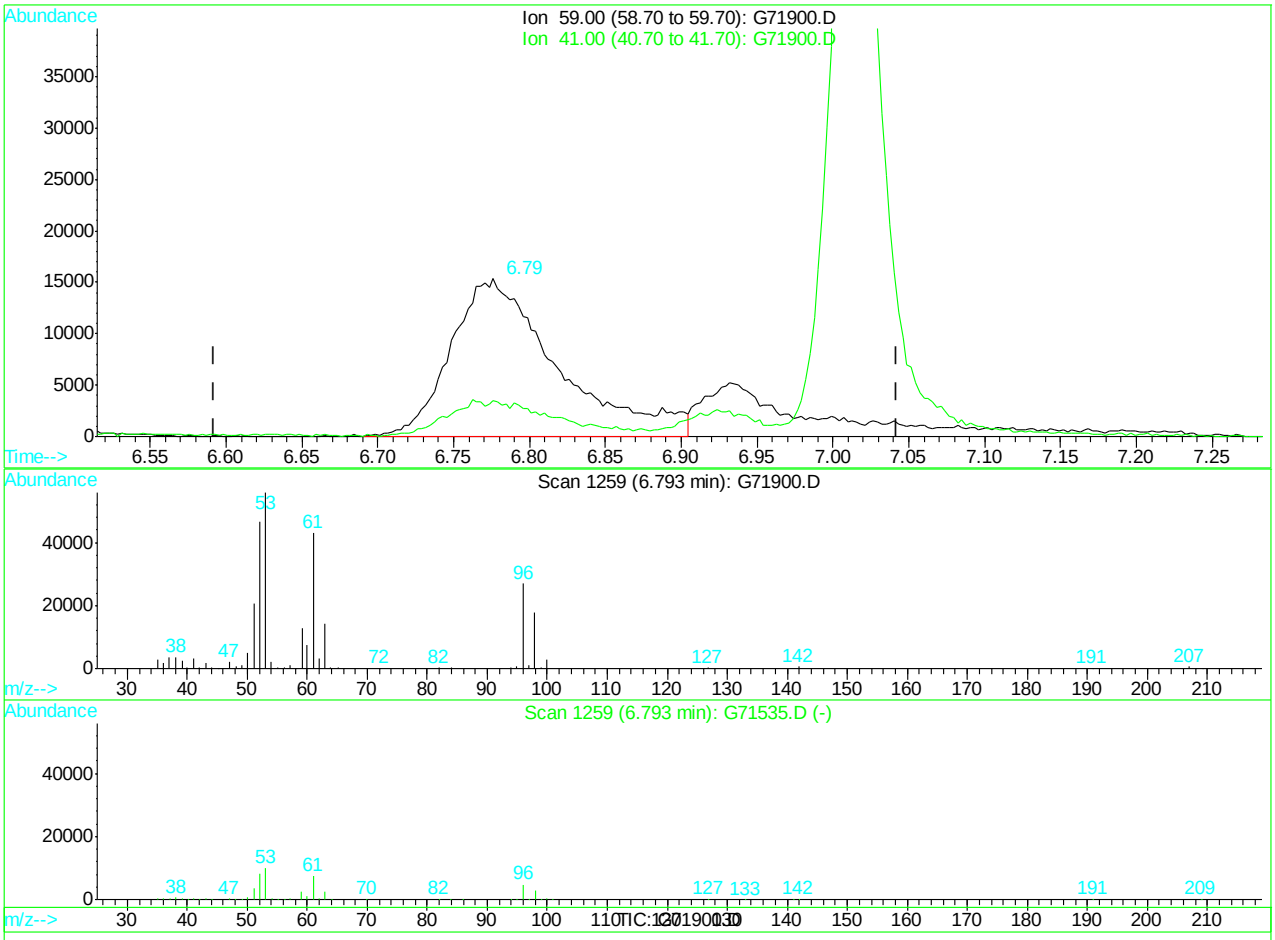
Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration



Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71900.D Vial: 12
Acq On : 24 Jul 2007 1:33 pm Operator: kimt
Sample : m66438-1ms Inst : 5973 G
Misc : ms13993,msg2886,,,,5,10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 14:05 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration



(2) tertiary butyl alcohol (M)

6.79min 608.84ppb

response 74620

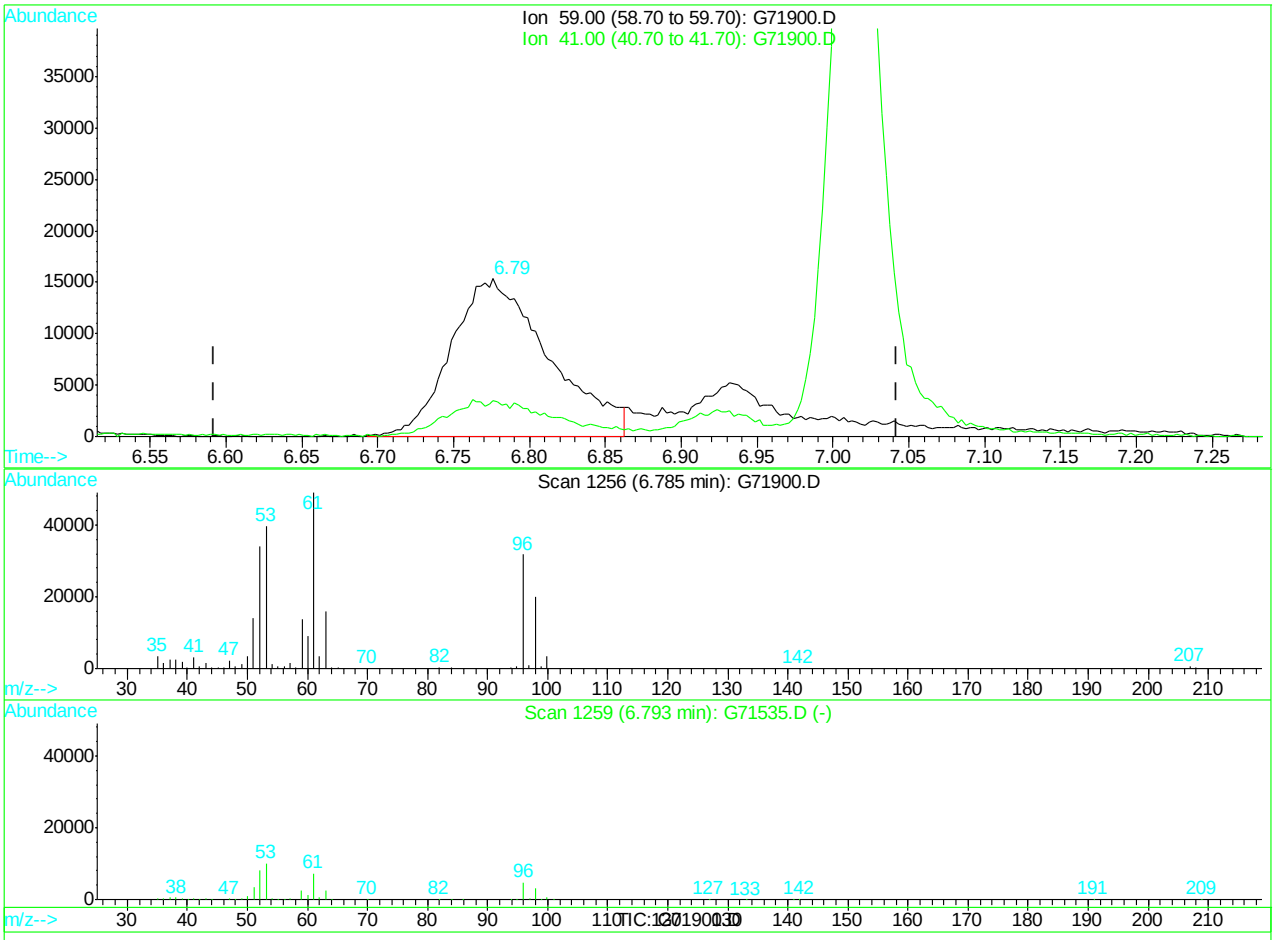
Ion	Exp%	Act%
59.00	100	100
41.00	18.40	23.99
0.00	0.00	0.00
0.00	0.00	0.00

G71900.D G071007W.M Tue Jul 24 16:59:11 2007 RP1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71900.D Vial: 12
Acq On : 24 Jul 2007 1:33 pm Operator: kimt
Sample : m66438-1ms Inst : 5973 G
Misc : ms13993,msg2886,,,,5,10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 16:59 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration



(2) tertiary butyl alcohol (M)

6.78min 561.16ppb m

response 68776

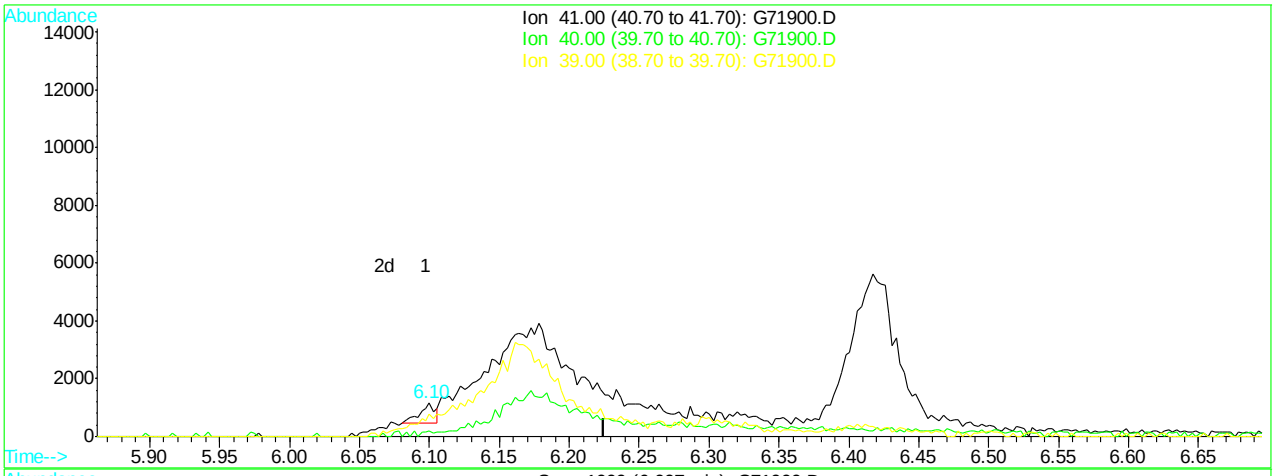
Ion	Exp%	Act%
59.00	100	100
41.00	18.40	23.40
0.00	0.00	0.00
0.00	0.00	0.00

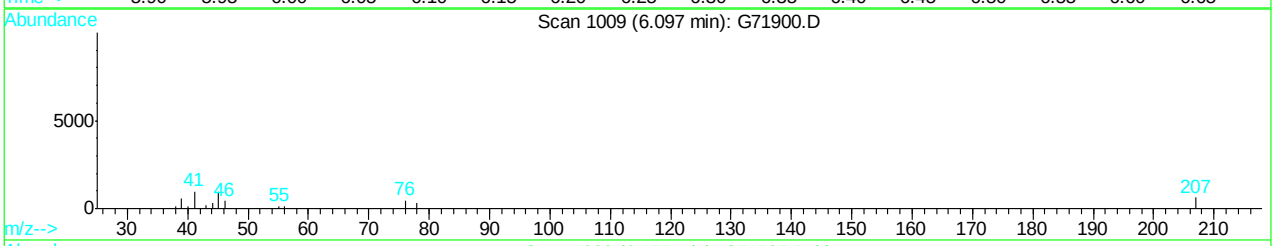
G71900.D G071007W.M Tue Jul 24 16:59:17 2007 RP1

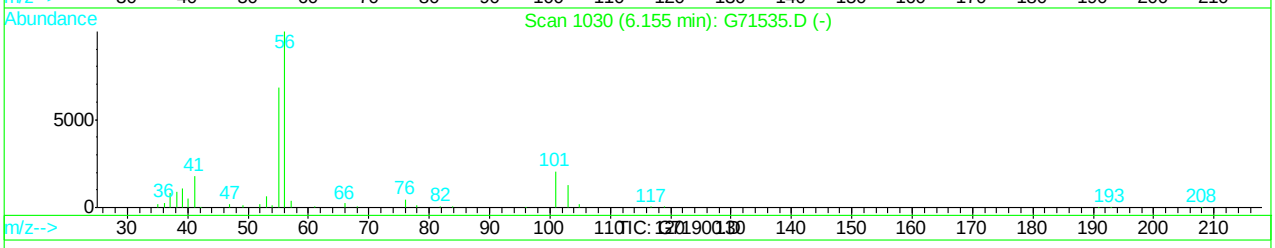
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71900.D Vial: 12
Acq On : 24 Jul 2007 1:33 pm Operator: kimt
Sample : m66438-1ms Inst : 5973 G
Misc : ms13993,msg2886,,,,5,10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 16:59 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration







(11) acetonitrile (M)

6.10min 2.83ppb

response 545

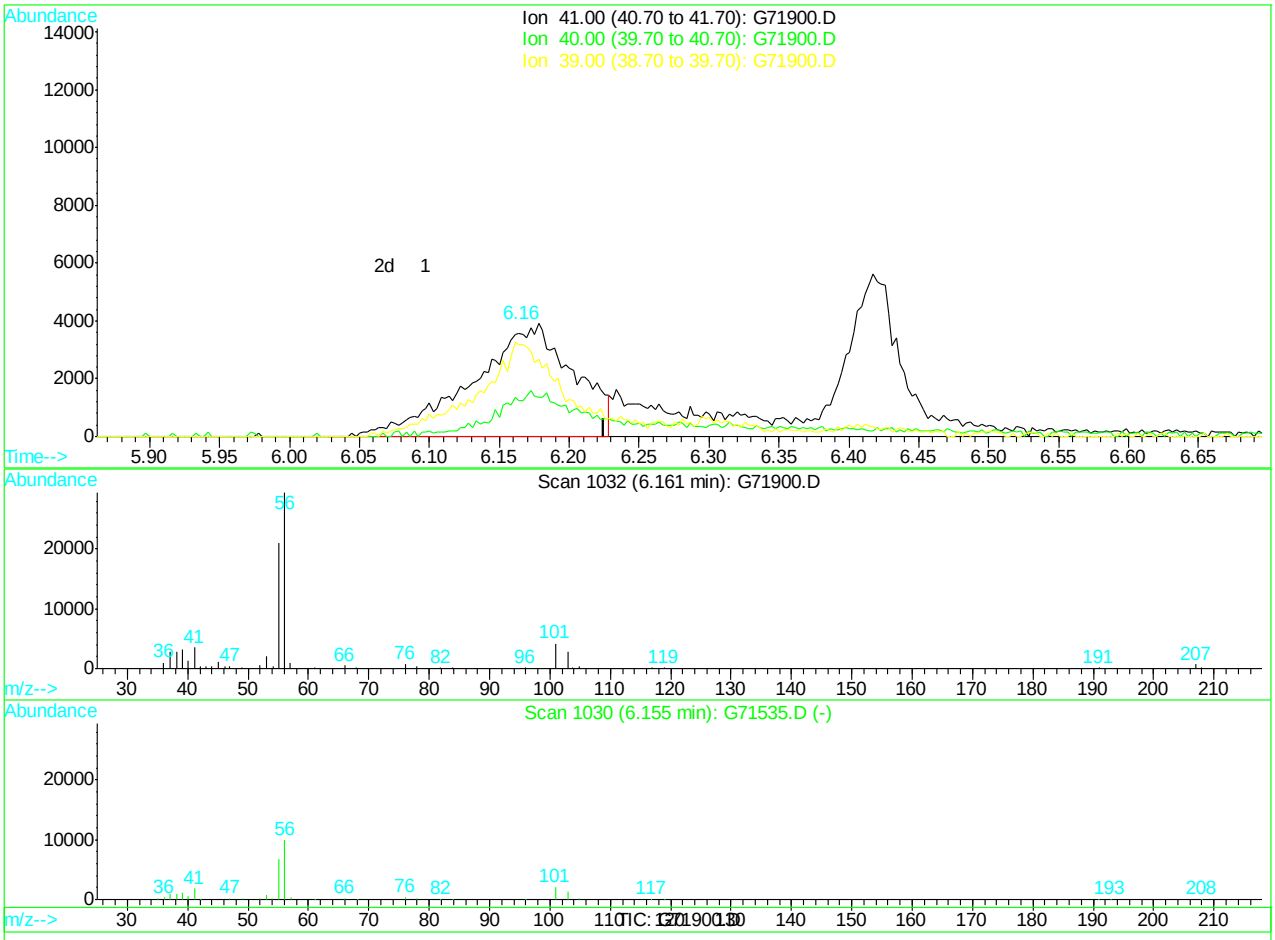
Ion	Exp%	Act%
41.00	100	100
40.00	29.50	28.38
39.00	60.60	54.21
0.00	0.00	0.00

G71900.D G071007W.M Tue Jul 24 16:59:30 2007 RP1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71900.D Vial: 12
Acq On : 24 Jul 2007 1:33 pm Operator: kimt
Sample : m66438-1ms Inst : 5973 G
Misc : ms13993,msg2886,,,,5,10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 16:59 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration



(11) acetonitrile (M)

6.16min 50.10ppb m

response 19463

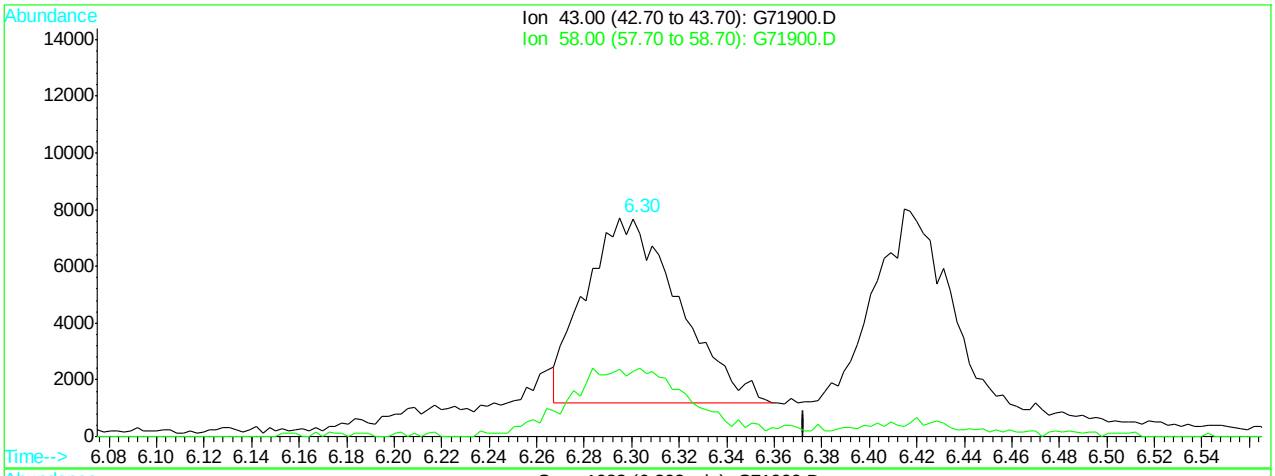
Ion	Exp%	Act%
41.00	100	100
40.00	29.50	38.05
39.00	60.60	92.12#
0.00	0.00	0.00

G71900.D G071007W.M Tue Jul 24 16:59:35 2007 RP1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71900.D Vial: 12
Acq On : 24 Jul 2007 1:33 pm Operator: kimt
Sample : m66438-1ms Inst : 5973 G
Misc : ms13993,msg2886,,,,5,10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 16:59 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration



(16) acetone (M)

6.30min 24.52ppb

response 17743

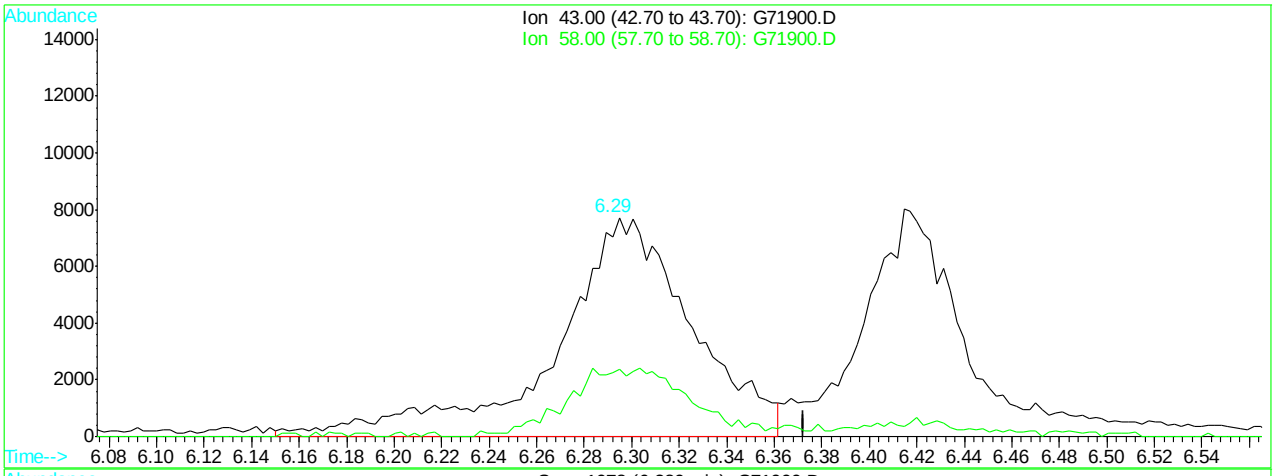
Ion	Exp%	Act%
43.00	100	100
58.00	28.80	35.02
0.00	0.00	0.00
0.00	0.00	0.00

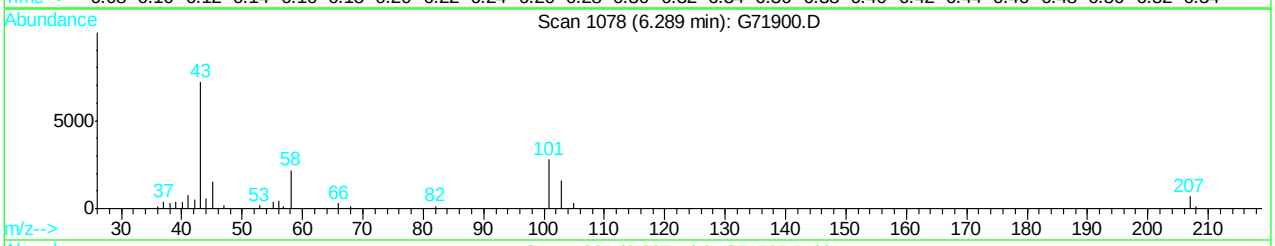
G71900.D G071007W.M Tue Jul 24 16:59:41 2007 RP1

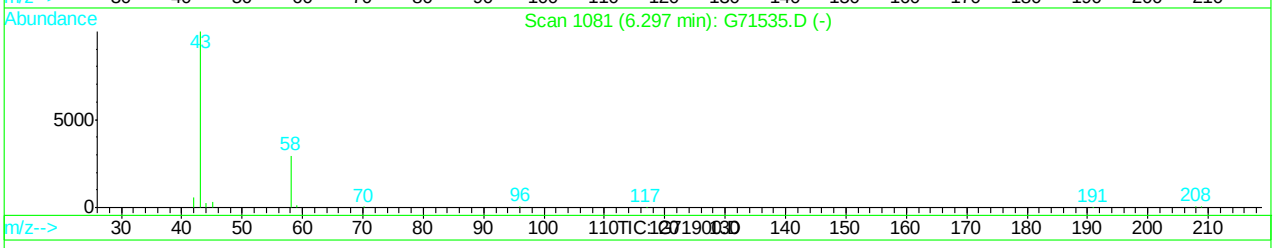
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71900.D Vial: 12
Acq On : 24 Jul 2007 1:33 pm Operator: kimt
Sample : m66438-1ms Inst : 5973 G
Misc : ms13993,msg2886,,,,5,10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 16:59 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration







(16) acetone (M)

6.29min 42.56ppb m

response 30790

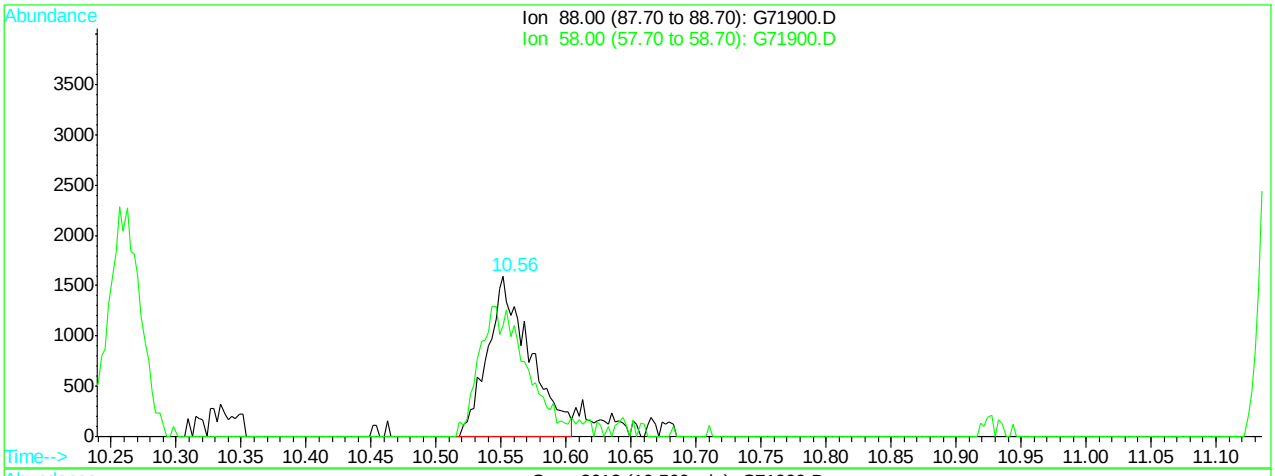
Ion	Exp%	Act%
43.00	100	100
58.00	28.80	30.52
0.00	0.00	0.00
0.00	0.00	0.00

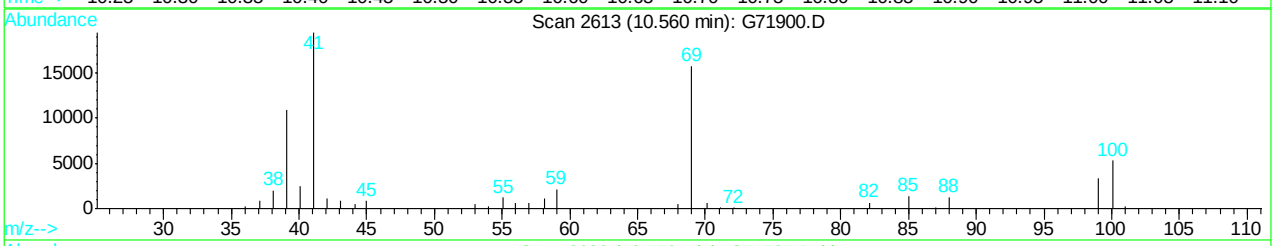
G71900.D G071007W.M Tue Jul 24 16:59:46 2007 RP1

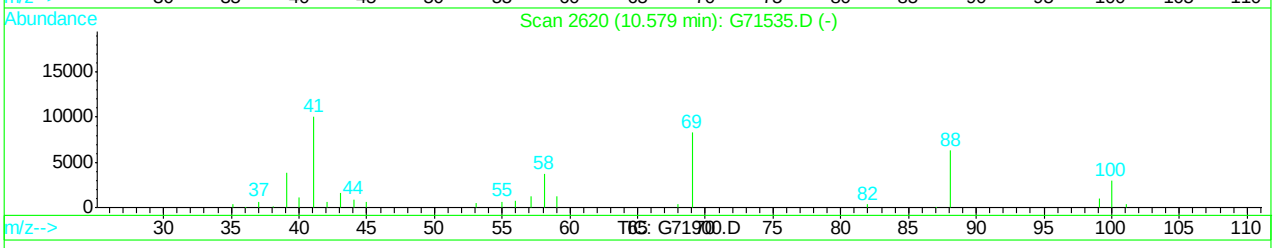
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71900.D Vial: 12
Acq On : 24 Jul 2007 1:33 pm Operator: kimt
Sample : m66438-1ms Inst : 5973 G
Misc : ms13993,msg2886,,,,5,10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 16:59 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration







(58) 1,4-dioxane (M)

10.56min 193.45ppb

response 3620

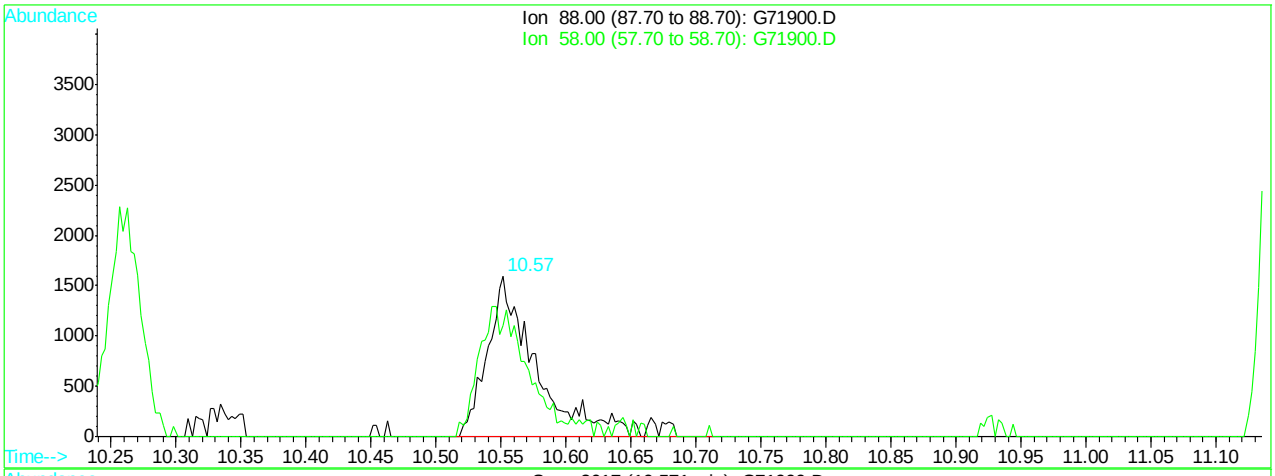
Ion	Exp%	Act%
88.00	100	100
58.00	58.20	85.22
0.00	0.00	0.00
0.00	0.00	0.00

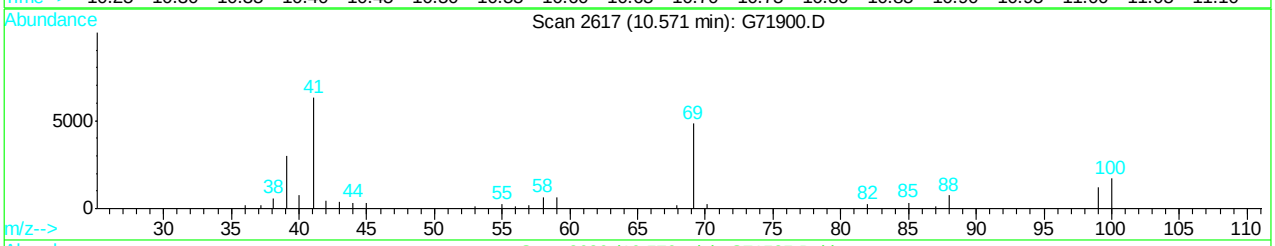
G71900.D G071007W.M Tue Jul 24 16:59:54 2007 RP1

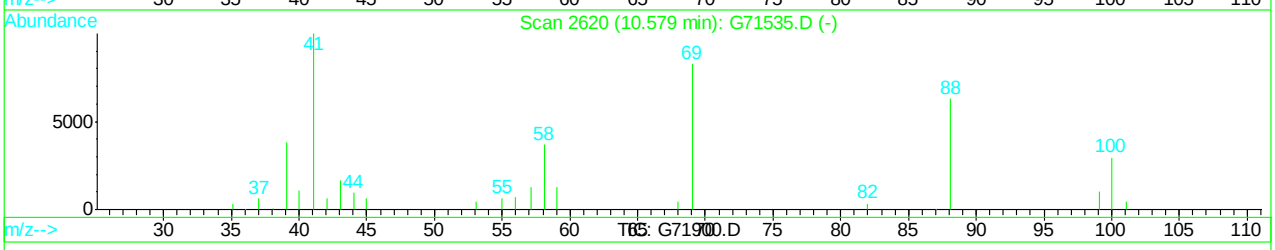
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71900.D Vial: 12
Acq On : 24 Jul 2007 1:33 pm Operator: kimt
Sample : m66438-1ms Inst : 5973 G
Misc : ms13993,msg2886,,,,5,10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 16:59 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration







(58) 1,4-dioxane (M)

10.57min 223.16ppb m

response 4276

Ion	Exp%	Act%
88.00	100	100
58.00	58.20	88.63#
0.00	0.00	0.00
0.00	0.00	0.00

G71900.D G071007W.M Tue Jul 24 16:59:59 2007 RP1

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani 07/25/07 15:58

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71901.D Vial: 13
Acq On : 24 Jul 2007 2:00 pm Operator: kimt
Sample : m66438-1msd Inst : 5973 G
Misc : ms13993,msg2886,,,,5,10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 17:01 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration
DataAcq Meth : G8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.71	65	5604	50.00	ppb	0.00
3) pentafluorobenzene	9.11	168	208721	50.00	ppb	0.00
43) 1,4-difluorobenzene	9.98	114	308140	50.00	ppb	0.00
66) chlorobenzene-d5	13.24	82	154644	50.00	ppb	0.00
80) 1,4-dichlorobenzene-d4	15.80	152	171423	50.00	ppb	0.00

System Monitoring Compounds

40) dibromofluoromethane (s)	8.76	113	96745	49.96	ppb	0.00
Spiked Amount 50.000	Range 83 - 127		Recovery = 99.92%			
60) toluene-d8 (s)	11.78	98	371061	48.37	ppb	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 96.74%			
82) bromofluorobenzene (s)	14.47	95	140164	45.90	ppb	0.00
Spiked Amount 50.000	Range 81 - 119		Recovery = 91.80%			

Target Compounds

							Qvalue
2) tertiary butyl alcohol	6.79	59	70637m	532.43	ppb		
4) Ethanol	5.71	45	77657	4469.38	ppb	#	37
5) dichlorodifluoromethane	4.44	85	125957	74.15	ppb		96
6) chloromethane	4.71	50	133304	59.77	ppb		97
7) vinyl chloride	4.95	62	132955	59.62	ppb		100
8) bromomethane	5.44	96	77216	54.16	ppb		93
9) chloroethane	5.58	64	82651	53.41	ppb		100
10) ethyl ether	6.42	59	87617	43.18	ppb		97
11) acetonitrile	6.16	41	19361m	48.45	ppb		
12) trichlorofluoromethane	6.23	101	141650	52.05	ppb		97
13) freon-113	6.99	101	107121	57.33	ppb		100
14) acrolein	6.18	56	101603	462.82	ppb		99
15) 1,1-dichloroethene	6.79	96	102444	50.87	ppb		98
16) acetone	6.29	43	31635m	42.46	ppb		
17) Methyl Acetate	6.95	43	122413	35.21	ppb		96
18) methylene chloride	6.93	84	120381	48.53	ppb		98
19) methyl tert butyl ether	7.71	73	310890	45.44	ppb		99
20) acrylonitrile	6.82	53	220734	231.38	ppb		96
21) allyl chloride	7.02	41	162053	45.46	ppb		99
22) trans-1,2-dichloroethene	7.62	96	111418	50.71	ppb		99
23) iodomethane	6.85	142	196871	50.77	ppb		98
24) carbon disulfide	7.22	76	311033	47.22	ppb		99
25) propionitrile	6.81	54	7445	47.96	ppb		100
26) vinyl acetate	7.95	43	201089	101.03	ppb		99
27) chloroprene	8.23	53	140953	51.10	ppb		96
28) di-isopropyl ether	8.27	45	371280	43.55	ppb		95
29) methacrylonitrile	8.37	41	72671	45.69	ppb		90
30) 2-butanone	8.26	72	14055	47.00	ppb	#	78
31) Hexane	8.25	41	169153	52.17	ppb		98
32) 1,1-dichloroethane	7.86	63	193969	48.15	ppb		100
33) tert-butyl ethyl ether	8.67	59	338001	43.20	ppb		99
34) isobutyl alcohol	8.69	43	60515	246.94	ppb		92
35) 2,2-dichloropropane	8.73	77	138917	60.09	ppb		100
36) cis-1,2-dichloroethene	8.43	96	117505	45.26	ppb		97
38) bromochloromethane	8.60	128	61895	50.59	ppb		93

(#) = qualifier out of range (m) = manual integration
G71901.D G071007W.M Tue Jul 24 17:01:21 2007 RP1

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71901.D Vial: 13
Acq On : 24 Jul 2007 2:00 pm Operator: kimt
Sample : m66438-1msd Inst : 5973 G
Misc : ms13993,msg2886,,,,5,10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 17:01 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration
DataAcq Meth : G8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
39)	chloroform	8.64	83	185340	47.41	ppb		98
41)	Tetrahydrofuran	8.96	42	32946	43.32	ppb		97
42)	1,1,1-trichloroethane	9.40	97	166277	50.15	ppb		99
44)	Cyclohexane	9.68	56	190998	46.72	ppb		100
45)	carbon tetrachloride	9.76	117	146009	48.62	ppb		98
46)	1,1-dichloropropene	9.56	75	143939	49.66	ppb		98
47)	benzene	9.79	78	431930	48.54	ppb		99
48)	1,2-dichloroethane	9.28	62	135442	47.31	ppb		100
49)	tert-amyl methyl ether	9.91	73	308253	40.62	ppb		99
50)	heptane	10.26	43	166555	59.40	ppb		97
51)	trichloroethene	10.41	95	118934	48.54	ppb		99
52)	1,2-dichloropropane	10.37	63	112708	48.71	ppb		99
53)	dibromomethane	10.34	93	69446	48.26	ppb		96
54)	bromodichloromethane	10.46	83	139329	44.92	ppb		99
55)	Methylcyclohexane	10.93	83	190711	51.24	ppb		99
56)	2-chloroethyl vinyl ether	10.93	63	1381	6.07	ppb	#	1
57)	methyl methacrylate	10.55	69	76636	48.84	ppb		98
58)	1,4-dioxane	10.57	88	4699m	239.02	ppb		
59)	cis-1,3-dichloropropene	11.07	75	167651	48.80	ppb		100
61)	4-methyl-2-pentanone	11.17	43	111782	44.90	ppb		98
62)	toluene	11.86	92	272986	46.43	ppb		100
63)	trans-1,3-dichloropropene	11.49	75	141216	47.71	ppb		98
64)	1,1,2-trichloroethane	11.66	83	83895	47.71	ppb		98
65)	ethyl methacrylate	11.87	69	146109	49.95	ppb		98
67)	tetrachloroethene	12.60	166	259914	109.15	ppb		100
68)	1,3-dichloropropane	11.90	76	173048	49.25	ppb		98
69)	dibromochloromethane	12.19	129	111376	46.86	ppb		97
70)	1,2-dibromoethane	12.45	107	104207	50.50	ppb		99
71)	2-hexanone	12.02	43	79460	49.13	ppb		99
72)	chlorobenzene	13.28	112	308820	48.57	ppb		100
73)	1,1,1,2-tetrachloroethane	13.19	131	113096	51.61	ppb		99
74)	ethylbenzene	13.45	91	514914	50.33	ppb		100
75)	m,p-xylene	13.64	106	420645	96.92	ppb		98
76)	o-xylene	14.05	106	202588	49.43	ppb		95
77)	styrene	13.98	104	323566	52.95	ppb		100
78)	bromoform	13.80	173	82532	47.13	ppb		98
79)	trans-1,4-dichloro-2-buten	14.19	53	22979	38.42	ppb	#	71
81)	isopropylbenzene	14.41	105	461640	46.37	ppb		99
83)	bromobenzene	14.70	156	147395	45.86	ppb		95
84)	1,1,2,2-tetrachloroethane	14.05	83	143397	56.60	ppb		99
85)	1,2,3-trichloropropane	14.19	75	141828	44.27	ppb		99
86)	n-propylbenzene	14.86	91	612853	46.49	ppb		100
87)	2-chlorotoluene	14.98	91	359811	44.53	ppb		99
88)	4-chlorotoluene	15.05	91	368133	44.28	ppb		98
89)	1,3,5-trimethylbenzene	15.14	105	435825	47.32	ppb		98
90)	tert-butylbenzene	15.44	91	234484	47.08	ppb		100
91)	1,2,4-trimethylbenzene	15.55	105	447370	46.78	ppb		98
92)	sec-butylbenzene	15.66	105	565839	48.26	ppb		100
93)	1,3-dichlorobenzene	15.77	146	267558	46.97	ppb		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71901.D Vial: 13
Acq On : 24 Jul 2007 2:00 pm Operator: kimt
Sample : m66438-1msd Inst : 5973 G
Misc : ms13993,msg2886,,,,5,10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 17:01 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration
DataAcq Meth : G8260

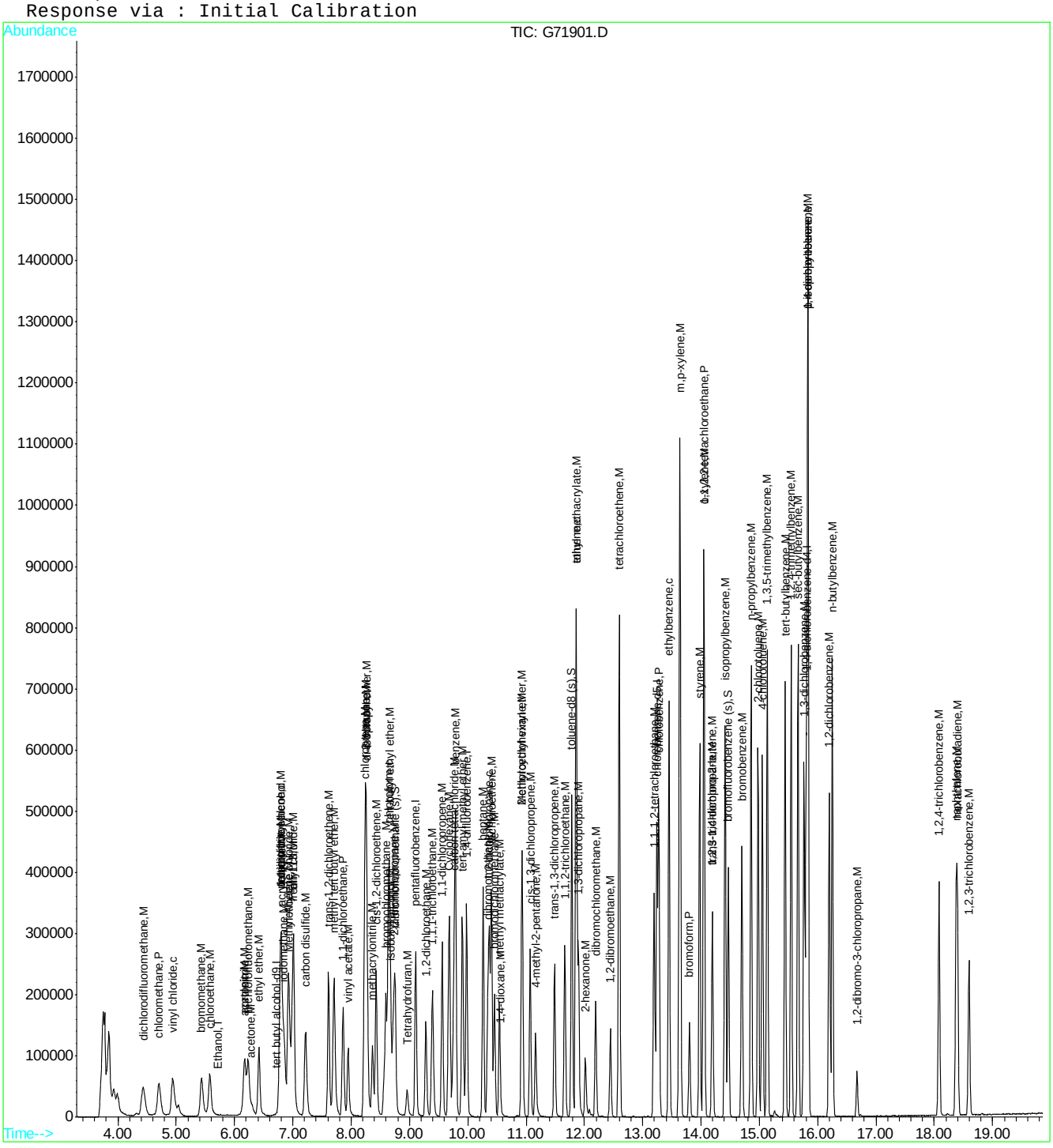
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
94)	p-isopropyltoluene	15.83	119	499322	49.70	ppb	99
95)	1,4-dichlorobenzene	15.83	146	286475	47.01	ppb	99
96)	1,2-dichlorobenzene	16.20	146	245556	46.72	ppb	99
97)	n-butylbenzene	16.25	91	433789	48.82	ppb	100
98)	1,2-dibromo-3-chloropropan	16.67	75	19474	48.16	ppb	97
99)	1,2,4-trichlorobenzene	18.08	180	147285	48.51	ppb	99
100)	hexachlorobutadiene	18.40	225	85592	50.49	ppb	98
101)	naphthalene	18.37	128	290156	53.07	ppb	100
102)	1,2,3-trichlorobenzene	18.60	180	102647	42.92	ppb	99

(#) = qualifier out of range (m) = manual integration
G71901.D G071007W.M Tue Jul 24 17:01:21 2007 RP1 Page 3

Quantitation Report

Data File : C:\HPCHEM\1\DATA\G71901.D Vial: 13
Acq On : 24 Jul 2007 2:00 pm Operator: kimt
Sample : m66438-1msd Inst : 5973 G
Misc : ms13993,msg2886,,,,5,10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 17:01 2007 Quant Results File: G071007W.RES

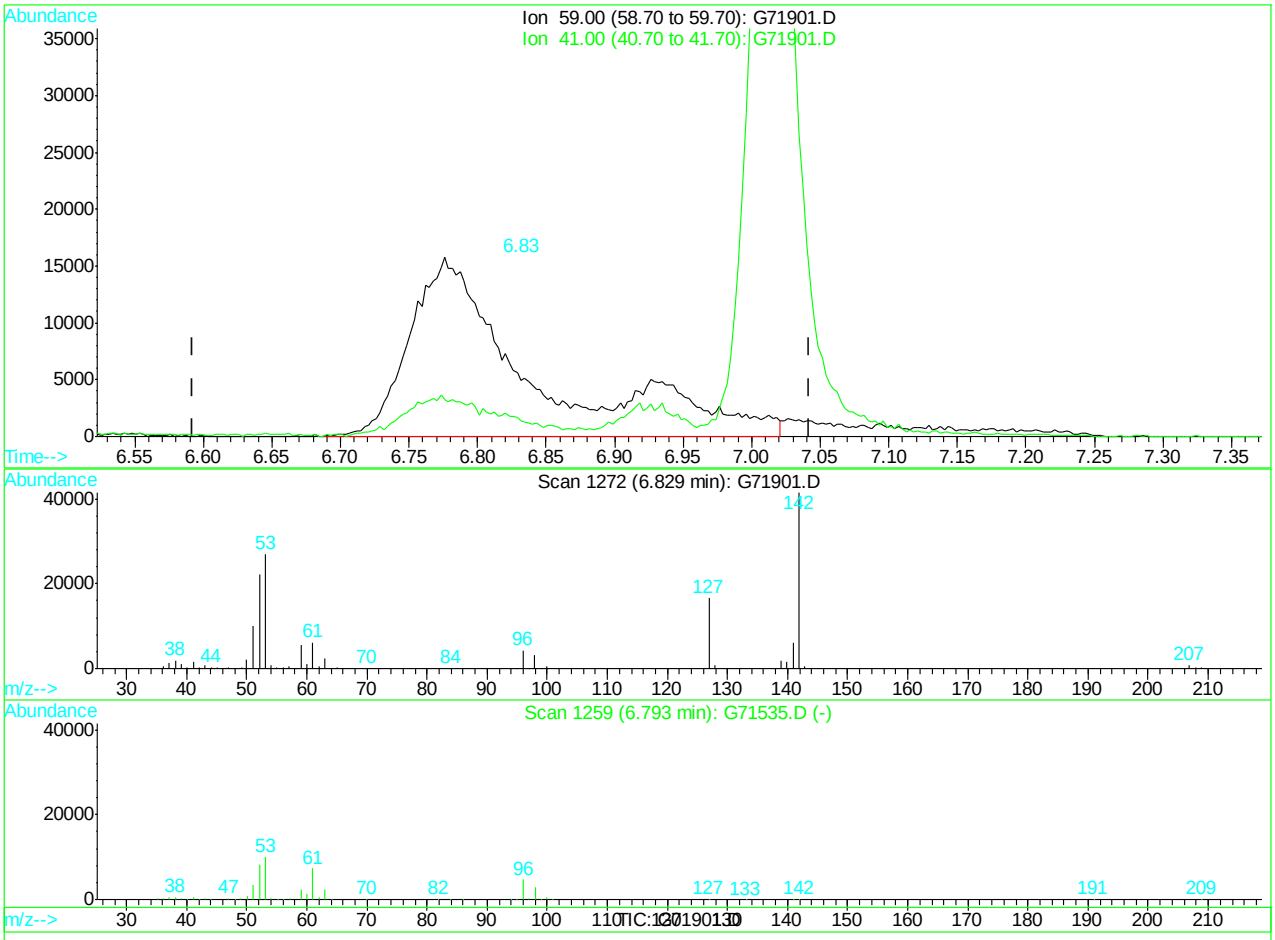
Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration



Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71901.D Vial: 13
Acq On : 24 Jul 2007 2:00 pm Operator: kimt
Sample : m66438-1msd Inst : 5973 G
Misc : ms13993,msg2886,,,,5,10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 16:22 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration



(2) tertiary butyl alcohol (M)

6.83min 724.68ppb

response 96143

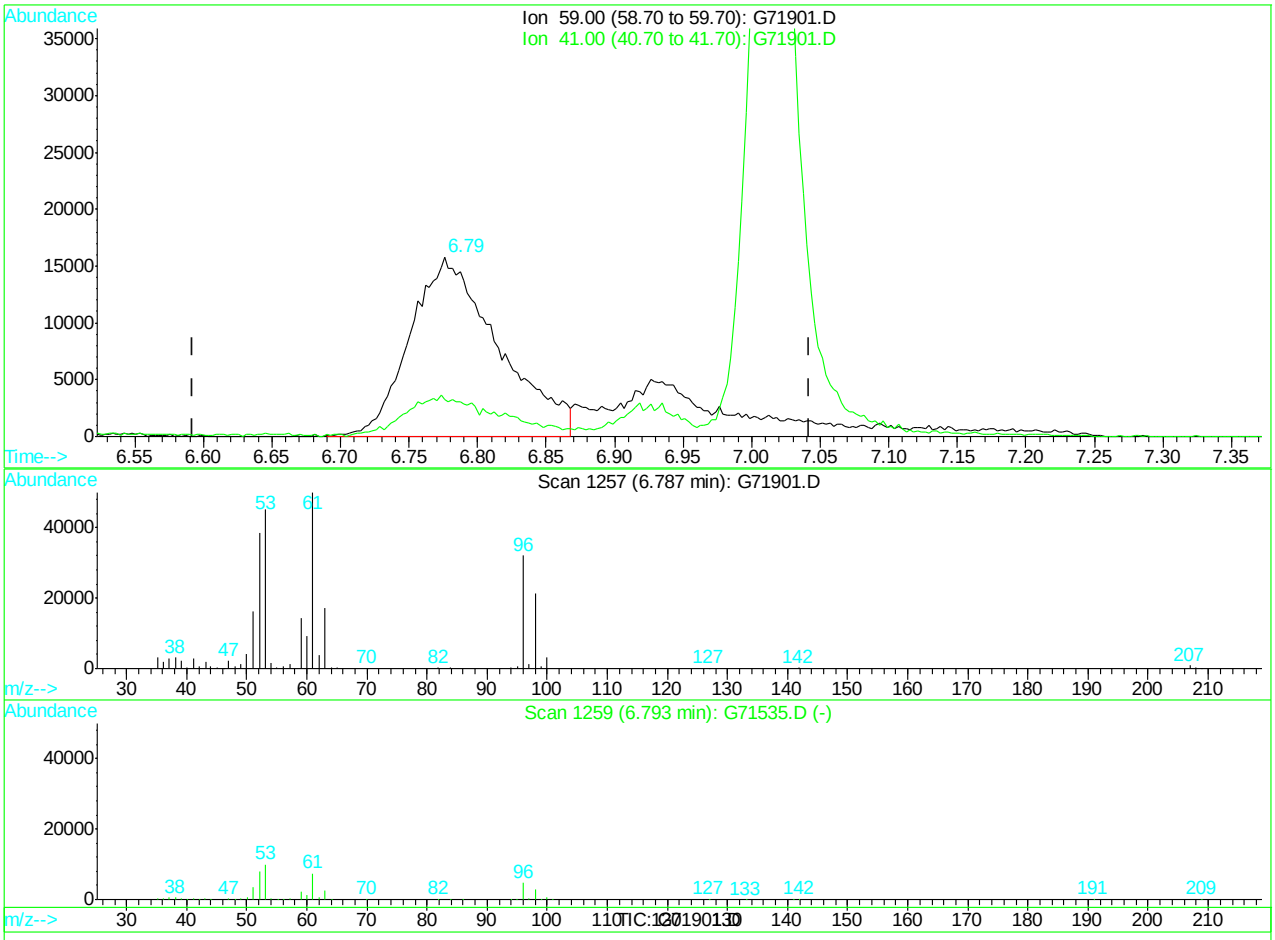
Ion	Exp%	Act%
59.00	100	100
41.00	18.40	30.12
0.00	0.00	0.00
0.00	0.00	0.00

G71901.D G071007W.M Tue Jul 24 17:00:28 2007 RP1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71901.D Vial: 13
Acq On : 24 Jul 2007 2:00 pm Operator: kimt
Sample : m66438-1msd Inst : 5973 G
Misc : ms13993,msg2886,,,,5,10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 17:00 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration



(2) tertiary butyl alcohol (M)

6.79min 532.43ppb m

response 70637

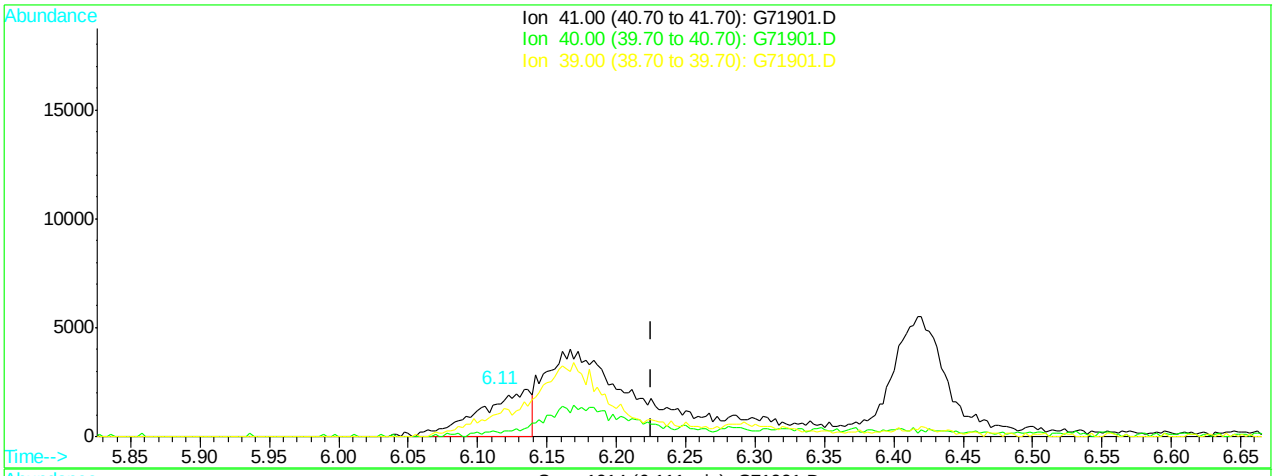
Ion	Exp%	Act%
59.00	100	100
41.00	18.40	20.92
0.00	0.00	0.00
0.00	0.00	0.00

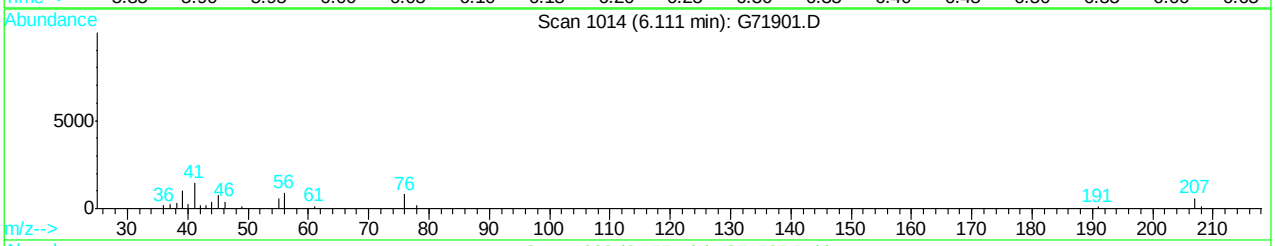
G71901.D G071007W.M Tue Jul 24 17:00:33 2007 RP1

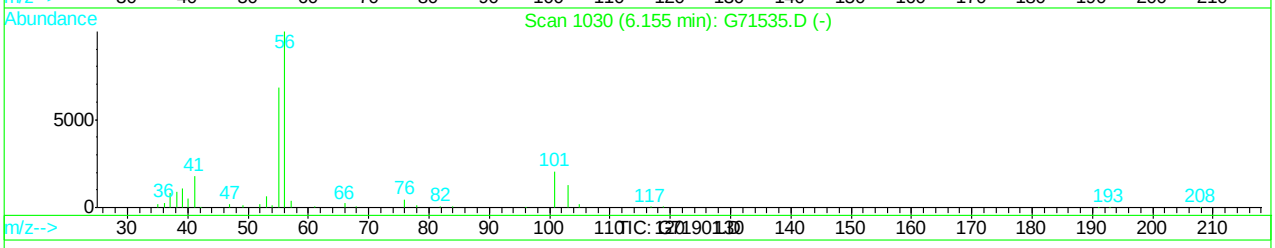
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71901.D Vial: 13
Acq On : 24 Jul 2007 2:00 pm Operator: kimt
Sample : m66438-1msd Inst : 5973 G
Misc : ms13993,msg2886,,,,5,10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 17:00 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration







(11) acetonitrile (M)

6.11min 14.70ppb

response 5453

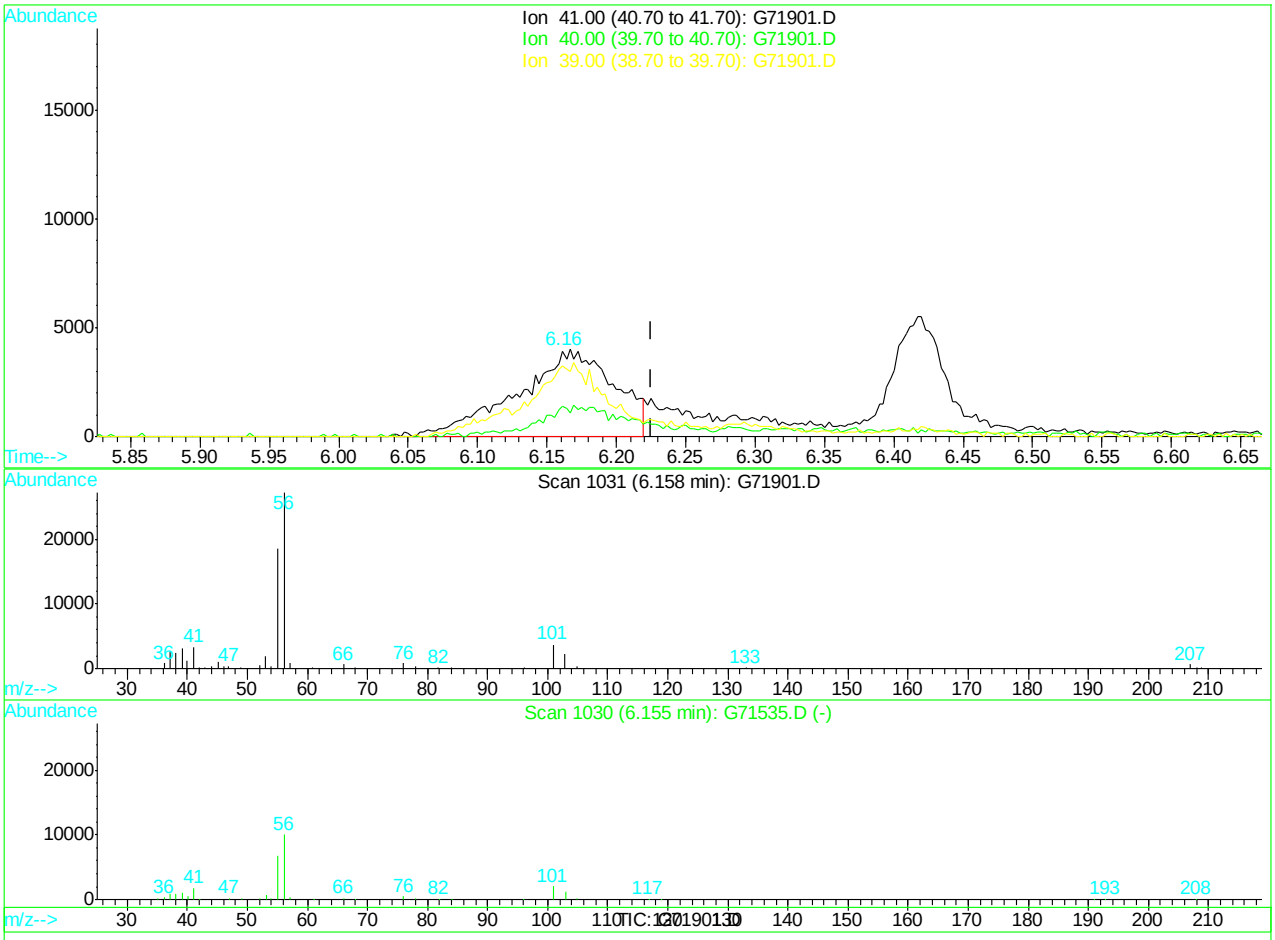
Ion	Exp%	Act%
41.00	100	100
40.00	29.50	17.17
39.00	60.60	61.50
0.00	0.00	0.00

G71901.D G071007W.M Tue Jul 24 17:00:45 2007 RP1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71901.D Vial: 13
Acq On : 24 Jul 2007 2:00 pm Operator: kimt
Sample : m66438-1msd Inst : 5973 G
Misc : ms13993,msg2886,,,,5,10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 17:00 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration



(11) acetonitrile (M)

6.16min 48.45ppb m

response 19361

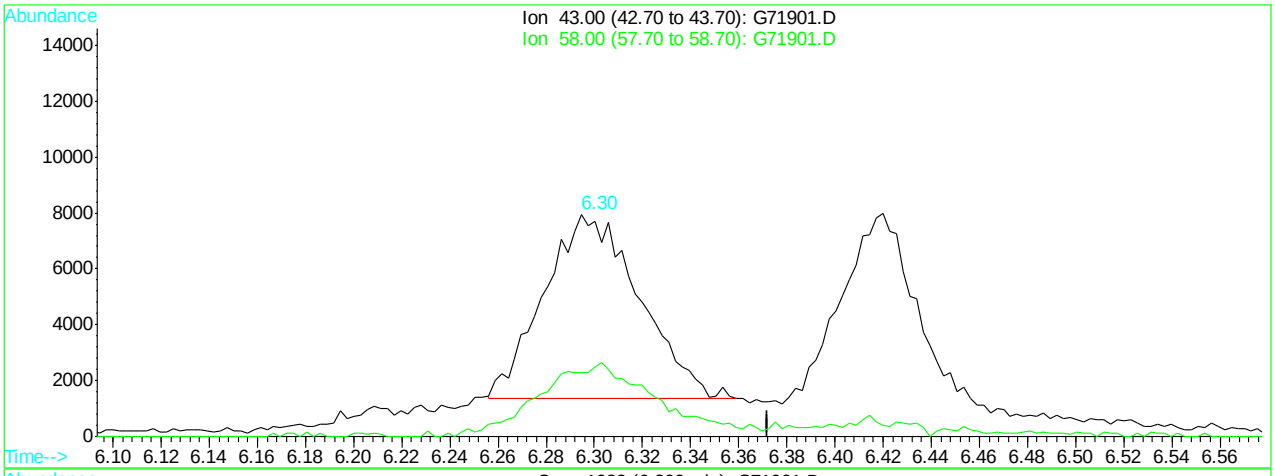
Ion	Exp%	Act%
41.00	100	100
40.00	29.50	36.36
39.00	60.60	91.91#
0.00	0.00	0.00

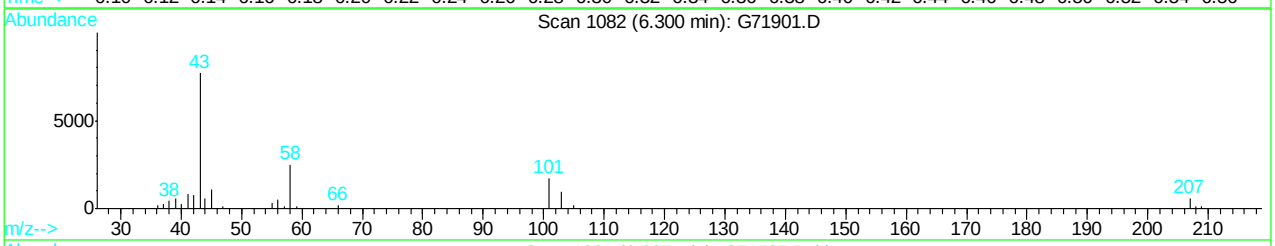
G71901.D G071007W.M Tue Jul 24 17:00:50 2007 RP1

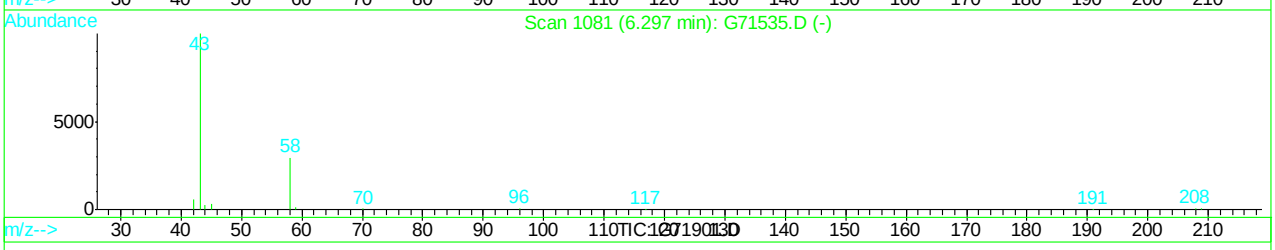
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71901.D Vial: 13
Acq On : 24 Jul 2007 2:00 pm Operator: kimt
Sample : m66438-1msd Inst : 5973 G
Misc : ms13993,msg2886,,,,5,10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 17:00 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration







(16) acetone (M)

6.30min 24.41ppb

response 18185

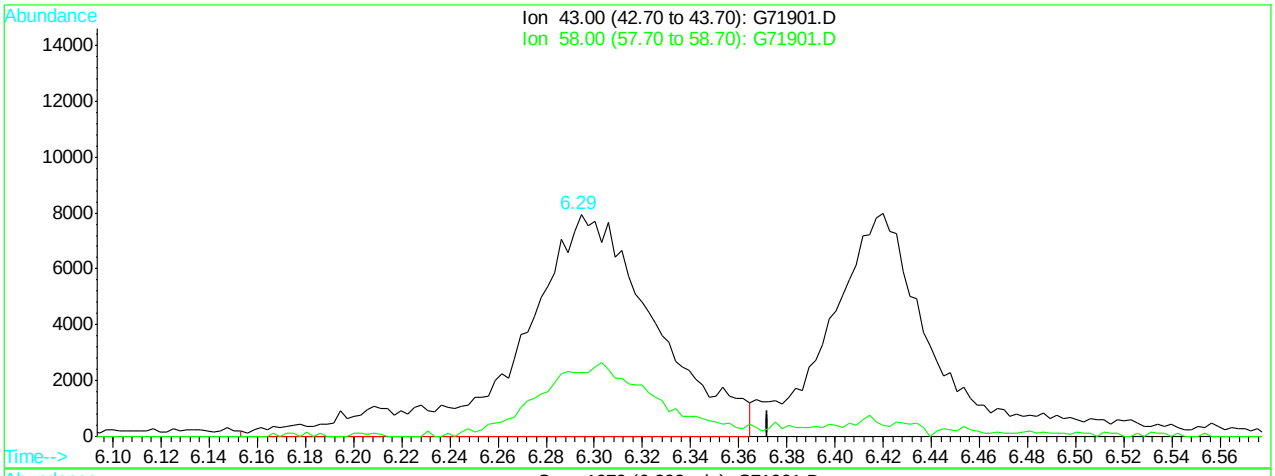
Ion	Exp%	Act%
43.00	100	100
58.00	28.80	34.38
0.00	0.00	0.00
0.00	0.00	0.00

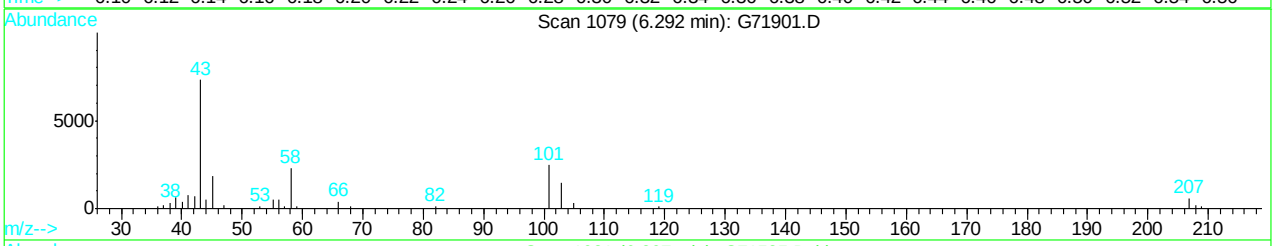
G71901.D G071007W.M Tue Jul 24 17:00:56 2007 RP1

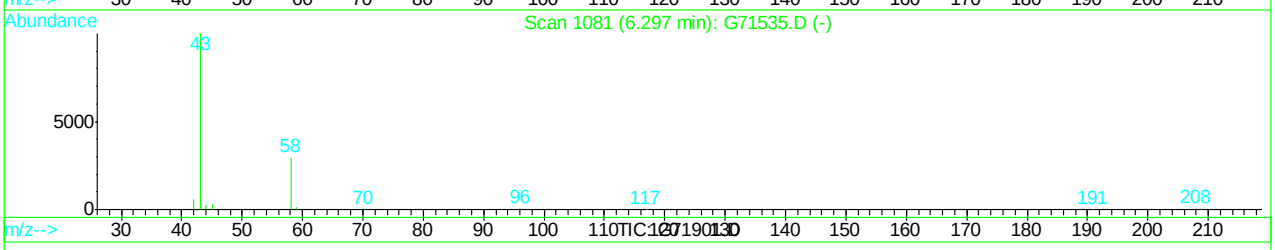
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71901.D Vial: 13
Acq On : 24 Jul 2007 2:00 pm Operator: kimt
Sample : m66438-1msd Inst : 5973 G
Misc : ms13993,msg2886,,,,5,10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 17:01 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration







(16) acetone (M)

6.29min 42.46ppb m

response 31635

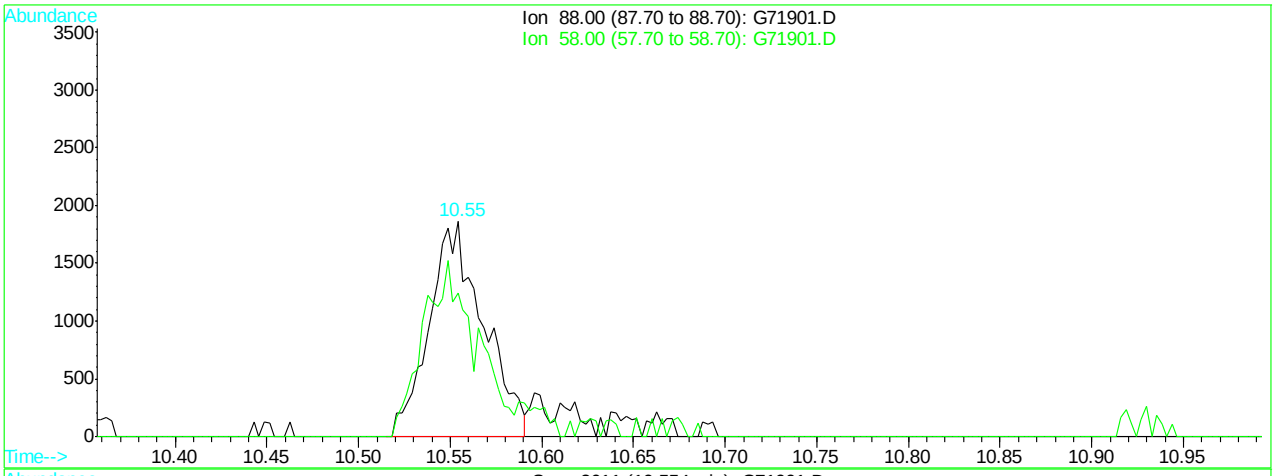
Ion	Exp%	Act%
43.00	100	100
58.00	28.80	31.44
0.00	0.00	0.00
0.00	0.00	0.00

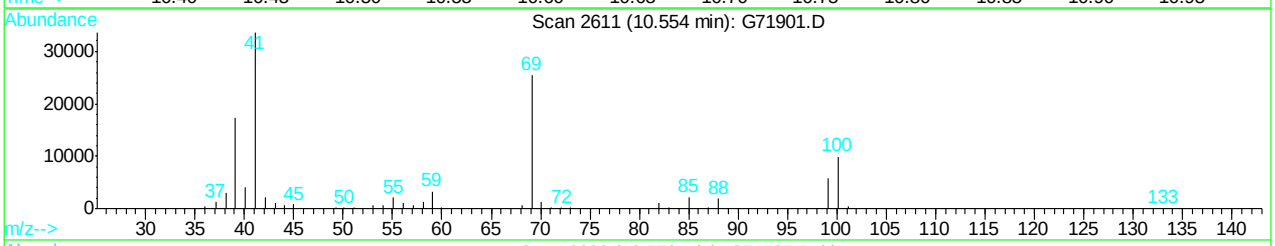
G71901.D G071007W.M Tue Jul 24 17:01:02 2007 RP1

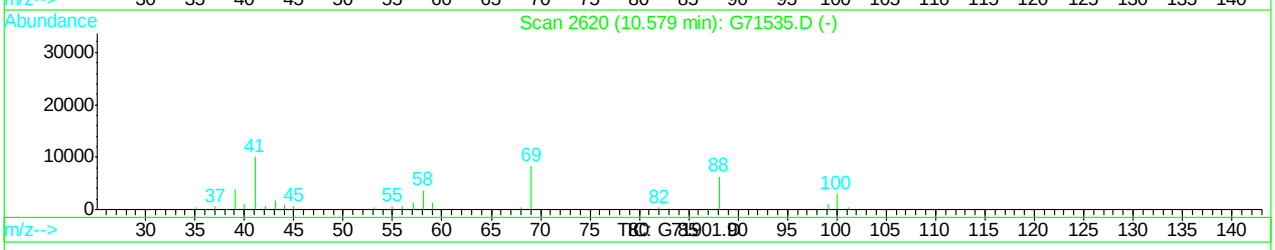
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71901.D Vial: 13
Acq On : 24 Jul 2007 2:00 pm Operator: kimt
Sample : m66438-1msd Inst : 5973 G
Misc : ms13993,msg2886,,,,5,10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 17:01 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration







(58) 1,4-dioxane (M)

10.55min 199.12ppb

response 3804

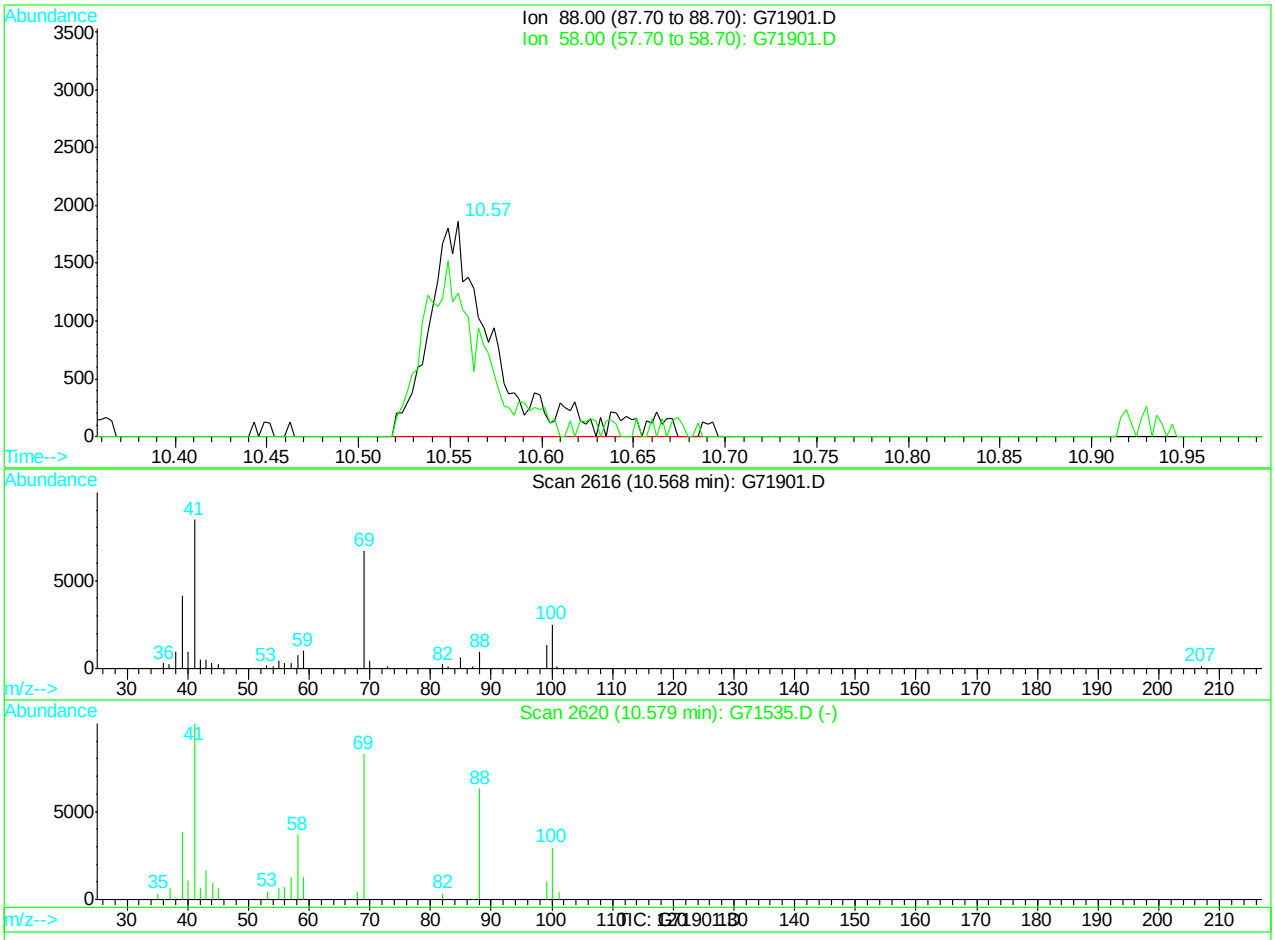
Ion	Exp%	Act%
88.00	100	100
58.00	58.20	66.79
0.00	0.00	0.00
0.00	0.00	0.00

G71901.D G071007W.M Tue Jul 24 17:01:10 2007 RP1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71901.D Vial: 13
Acq On : 24 Jul 2007 2:00 pm Operator: kimt
Sample : m66438-1msd Inst : 5973 G
Misc : ms13993,msg2886,,,,5,10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 17:01 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration



(58) 1,4-dioxane (M)

10.57min 239.02ppb m

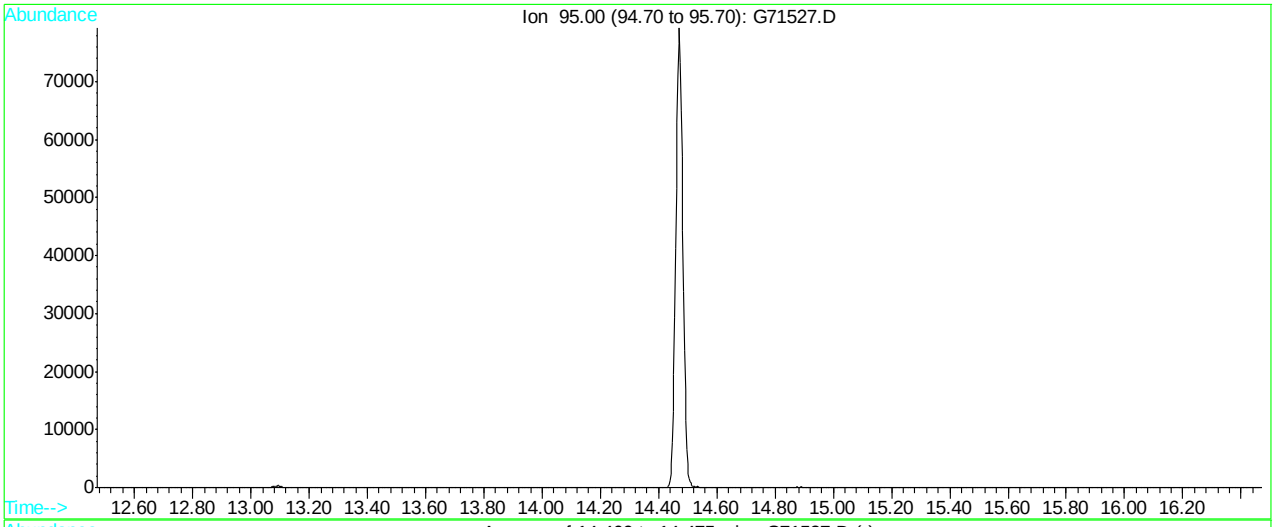
response 4699

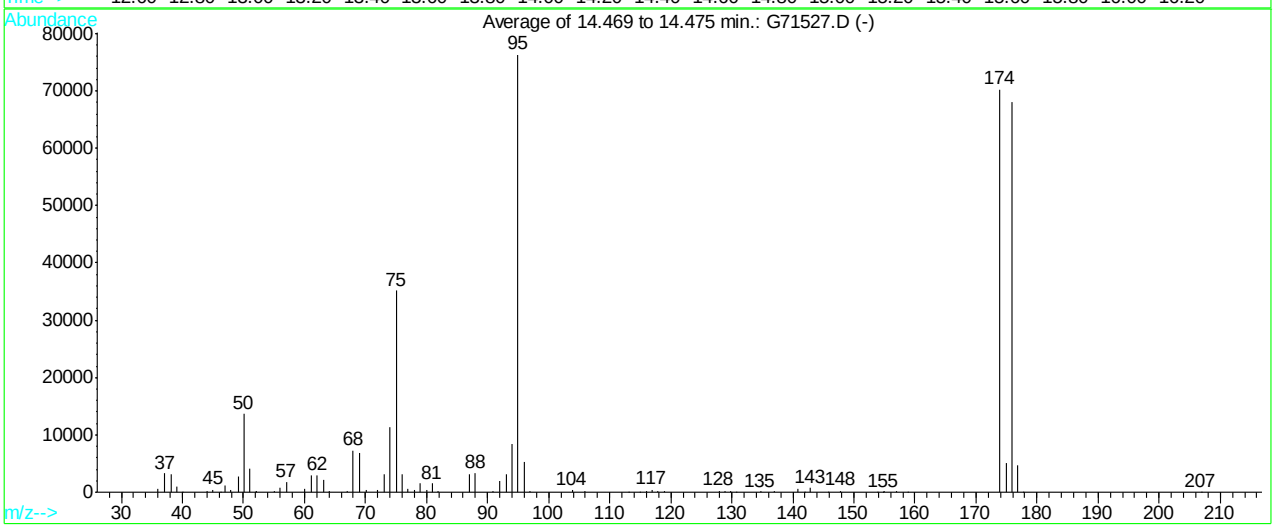
Ion	Exp%	Act%
88.00	100	100
58.00	58.20	84.42
0.00	0.00	0.00
0.00	0.00	0.00

G71901.D G071007W.M Tue Jul 24 17:01:15 2007 RP1

SW-846 Method 8260

Data File : C:\HPCHEM\1\DATA\G71527.D Vial: 15
Acq On : 10 Jul 2007 10:45 pm Operator: kimt
Sample : bfb Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260





AutoFind: Scans 4018, 4019, 4020; Background Corrected with Scan 4002

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	17.9	13681	PASS
75	95	30	60	46.0	35149	PASS
95	95	100	100	100.0	76355	PASS
96	95	5	9	7.0	5376	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	150	92.0	70221	PASS
175	174	5	9	7.2	5030	PASS
176	174	95	101	96.9	68053	PASS
177	176	5	9	6.9	4712	PASS

G71527.D G071007W.M Wed Jul 11 12:47:32 2007 RPT1

Average of 14.469 to 14.475 min.: G71527.D
bfb
Modified:subtracted

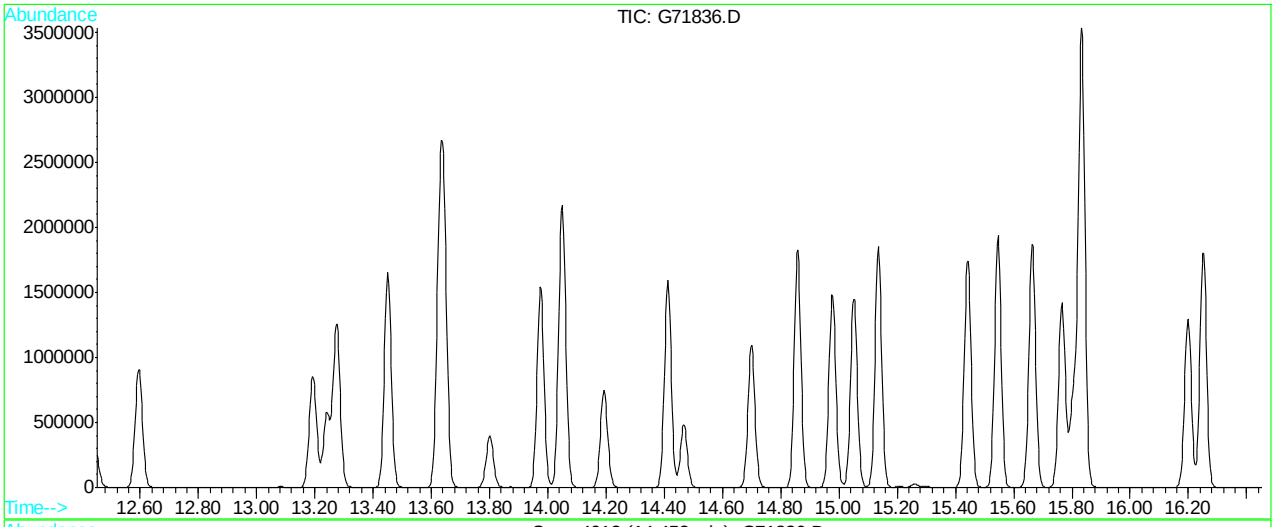
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.05	659	50.10	13681	64.00	235	78.00	321
37.10	3320	51.10	4149	66.95	132	78.90	1583
38.10	3123	51.90	52	68.00	7318	79.95	381
39.10	1082	52.05	170	69.00	6931	80.95	1512
40.00	73	55.05	197	70.05	467	81.90	267
44.00	287	56.05	849	72.00	345	87.00	3223
45.05	491	57.05	1822	73.05	3079	88.00	3336
46.30	37	60.00	584	74.05	11430	90.95	222
47.00	1085	61.05	2941	75.00	35149	92.00	1893
47.95	435	62.05	2990	76.05	3174	93.00	3046
49.10	2795	63.05	2101	77.00	519	94.00	8422

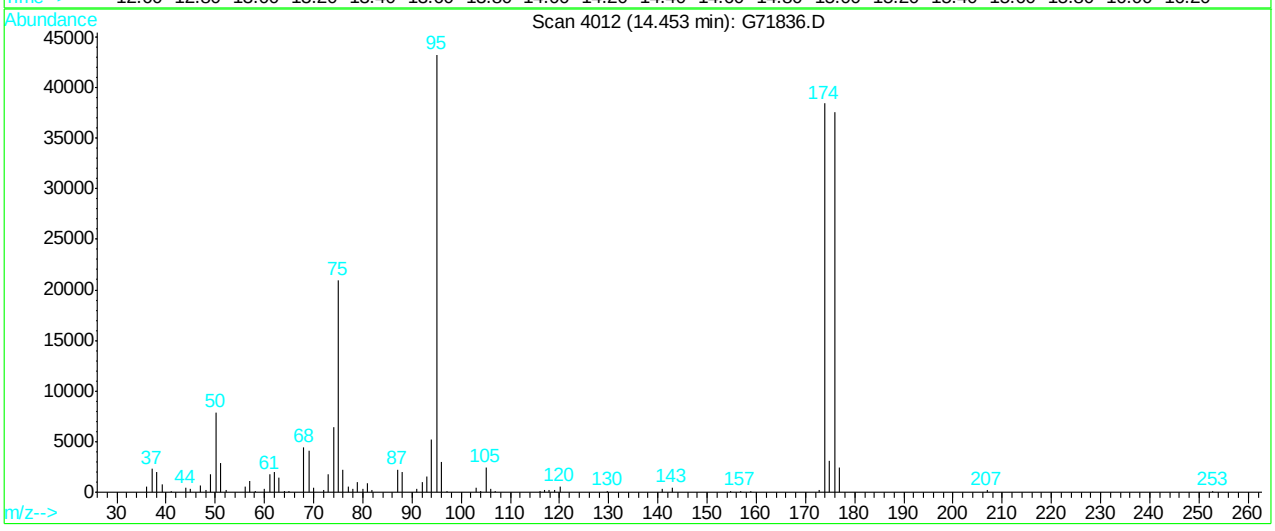
Average of 14.469 to 14.475 min.: G71527.D
bfb
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
95.00	76355	127.95	239	153.80	36		
96.05	5376	128.85	180	154.70	37		
97.00	156	129.85	237	154.90	195		
103.85	327	130.80	83	156.90	146		
105.85	299	134.75	155	158.85	85		
113.00	37	136.90	116	173.90	70221		
114.90	34	140.90	636	174.90	5030		
115.95	197	141.85	77	175.90	68053		
116.90	424	142.90	728	176.90	4712		
117.85	219	145.85	100	177.80	89		
118.90	283	147.85	209	206.85	97		

SW-846 Method 8260

```
Data File : C:\HPCHEM\1\DATA\G71836.D                    Vial: 1
Acq On    : 23 Jul 2007   9:28 am                   Operator: kimt
Sample    : cc2872-100                              Inst    : 5973 G
Misc      : ms13981,msg2884,,,,5,1                  Multiplr: 1.00
MS Integration Params: RTEINT.P
Method    : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title     : SW-846 Method 8260
```





Spectrum Information: Scan 4012

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.3	7909	PASS
75	95	30	60	48.4	20960	PASS
95	95	100	100	100.0	43264	PASS
96	95	5	9	6.9	3003	PASS
173	174	0.00	2	0.5	206	PASS
174	95	50	150	88.8	38416	PASS
175	174	5	9	8.1	3122	PASS
176	174	95	101	97.7	37528	PASS
177	176	5	9	6.6	2482	PASS

G71836.D G071007W.M Mon Jul 23 09:57:20 2007 RP1

Scan 4012 (14.453 min): G71836.D
cc2872-100

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.00	552	51.10	2850	68.00	4464	79.90	310
37.10	2326	52.10	211	69.00	4087	80.90	865
38.10	2028	56.10	551	70.00	420	81.90	200
39.10	786	57.00	1065	72.00	221	87.00	2243
41.00	104	58.10	105	73.00	1729	88.00	1980
44.00	442	60.00	329	74.00	6422	91.00	320
45.00	383	61.00	1777	75.00	20960	92.00	985
47.00	653	62.10	1967	76.00	2248	93.00	1541
48.00	216	63.00	1459	77.00	504	94.00	5241
49.00	1808	64.00	138	78.00	365	95.00	43264
50.10	7909	65.00	147	78.90	979	96.00	3003

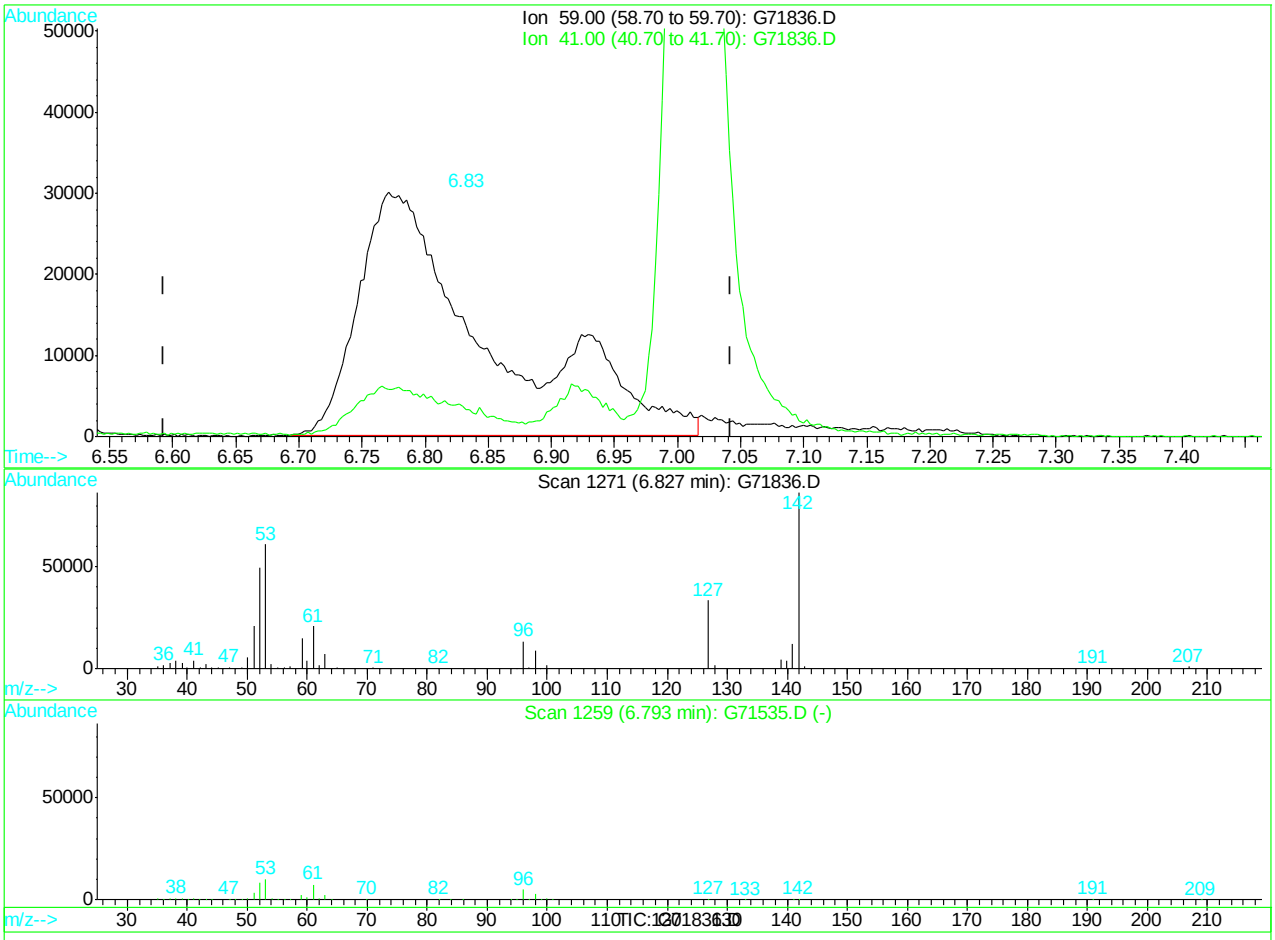
Scan 4012 (14.453 min): G71836.D
cc2872-100

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
97.00	150	129.80	148	206.90	180		
103.00	414	140.90	314	252.80	120		
103.90	163	142.90	446				
105.00	2479	154.70	104				
106.00	344	156.80	118				
107.00	117	158.80	109				
116.00	121	172.80	206				
116.90	187	173.90	38416				
117.90	170	174.90	3122				
118.90	231	175.90	37528				
120.10	594	176.90	2482				

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71836.D Vial: 1
Acq On : 23 Jul 2007 9:28 am Operator: kimt
Sample : cc2872-100 Inst : 5973 G
Misc : ms13981,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 9:58 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration



(2) tertiary butyl alcohol (M)

6.83min 1322.63ppb

response 212671

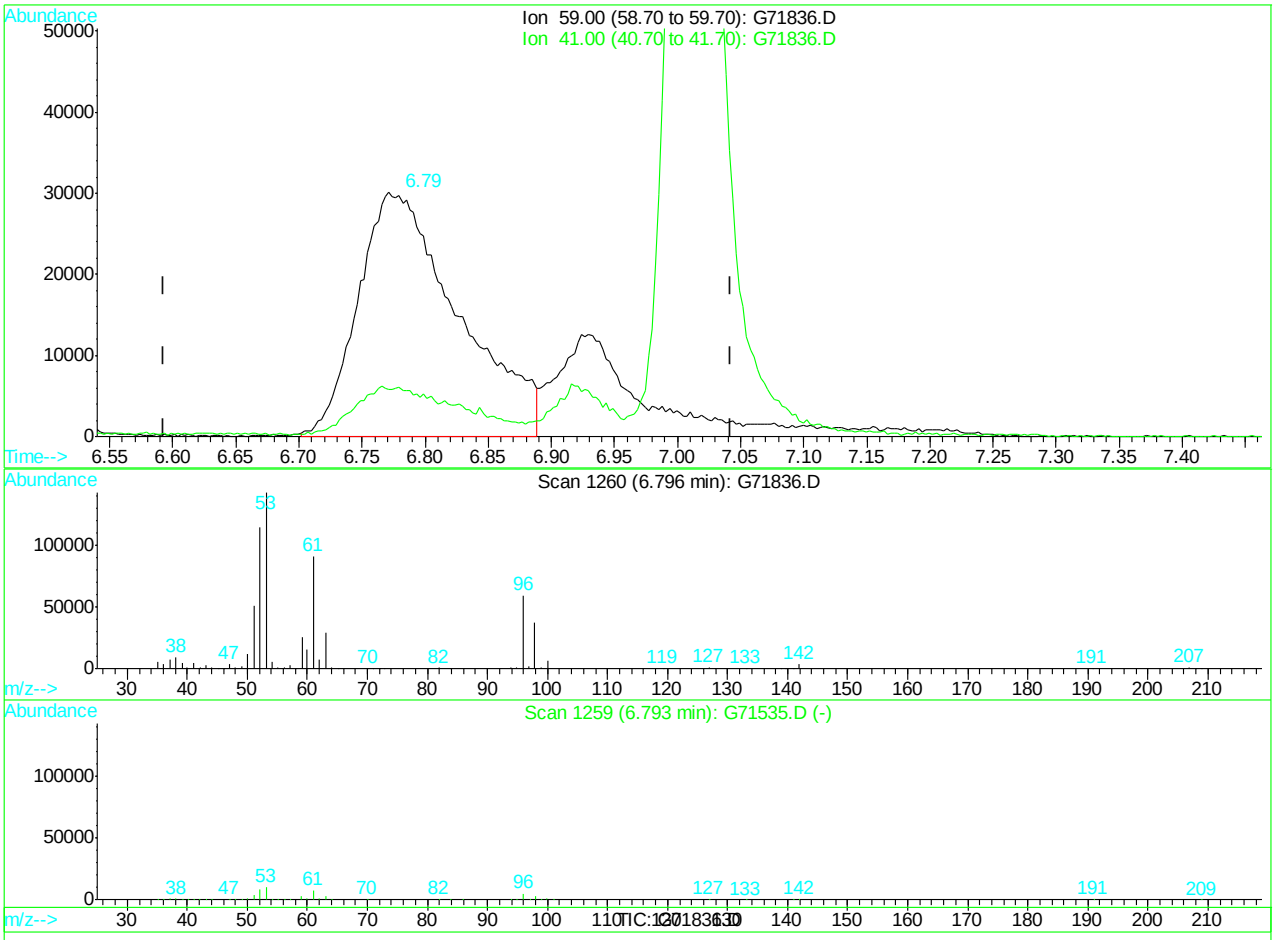
Ion	Exp%	Act%
59.00	100	100
41.00	18.40	26.42
0.00	0.00	0.00
0.00	0.00	0.00

G71836.D G071007W.M Mon Jul 23 09:58:58 2007 RP1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71836.D Vial: 1
Acq On : 23 Jul 2007 9:28 am Operator: kimt
Sample : cc2872-100 Inst : 5973 G
Misc : ms13981,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 9:59 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration



(2) tertiary butyl alcohol (M)

6.80min 1031.19ppb m

response 165809

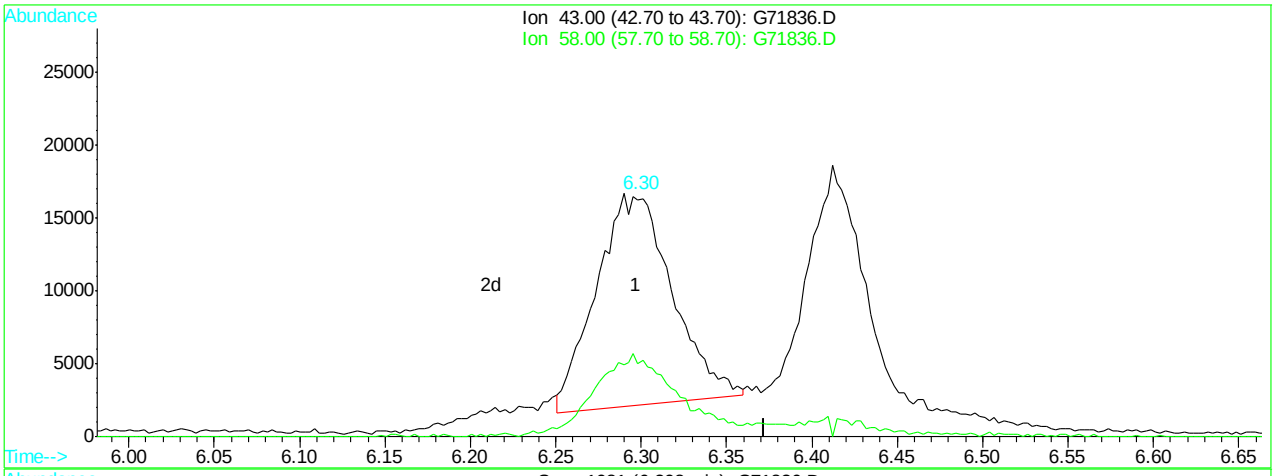
Ion	Exp%	Act%
59.00	100	100
41.00	18.40	19.41
0.00	0.00	0.00
0.00	0.00	0.00

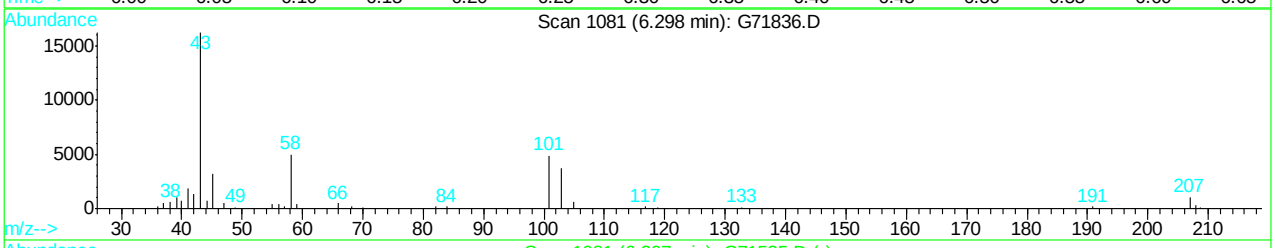
G71836.D G071007W.M Mon Jul 23 09:59:04 2007 RP1

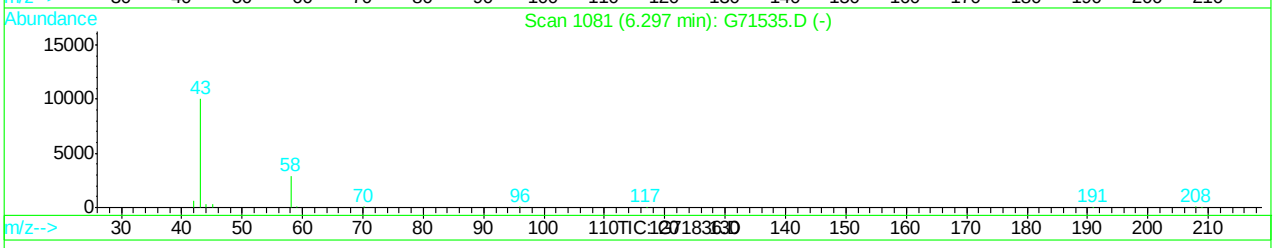
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71836.D Vial: 1
Acq On : 23 Jul 2007 9:28 am Operator: kimt
Sample : cc2872-100 Inst : 5973 G
Misc : ms13981,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 9:59 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration







(16) acetone (M)

6.30min 53.19ppb

response 44994

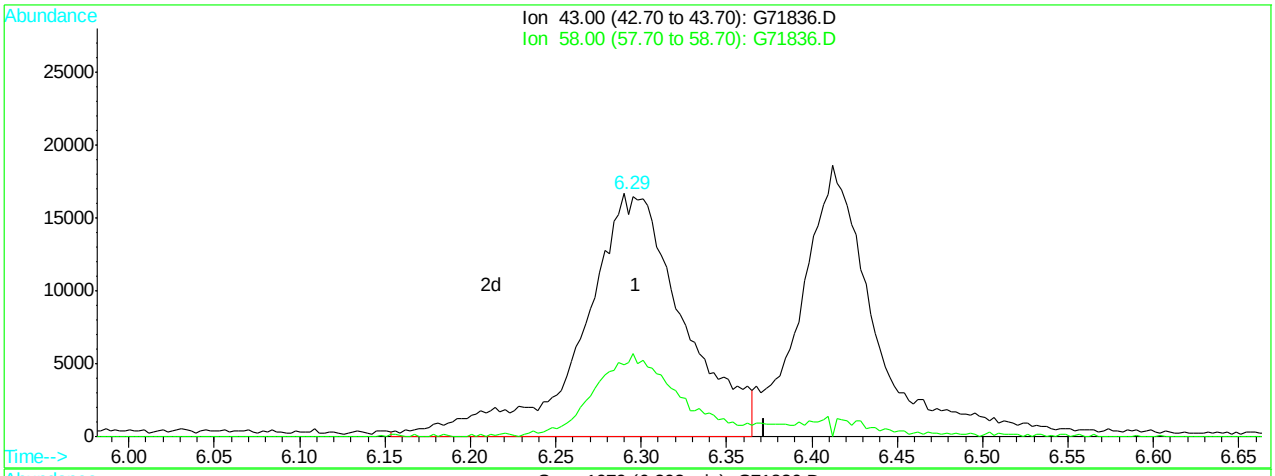
Ion	Exp%	Act%
43.00	100	100
58.00	28.80	33.08
0.00	0.00	0.00
0.00	0.00	0.00

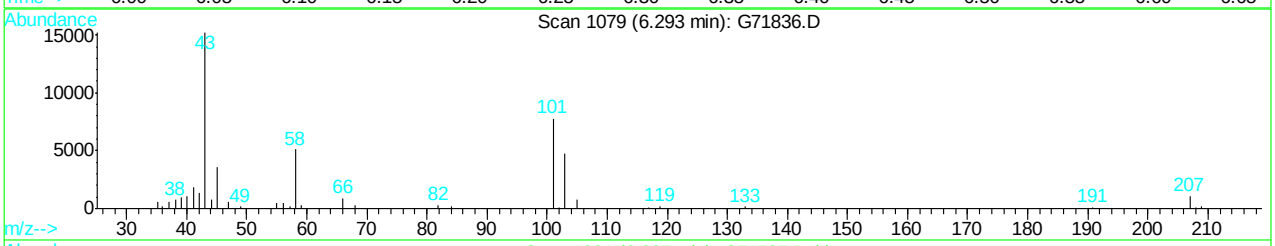
G71836.D G071007W.M Mon Jul 23 09:59:21 2007 RP1

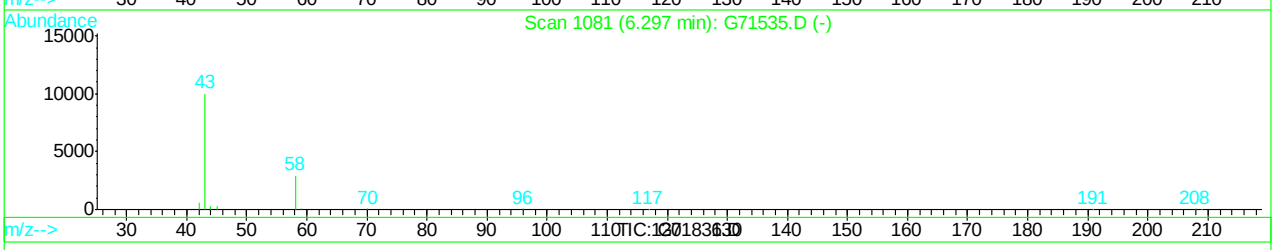
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71836.D Vial: 1
Acq On : 23 Jul 2007 9:28 am Operator: kimt
Sample : cc2872-100 Inst : 5973 G
Misc : ms13981,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 9:59 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration







(16) acetone (M)

6.29min 81.20ppb m

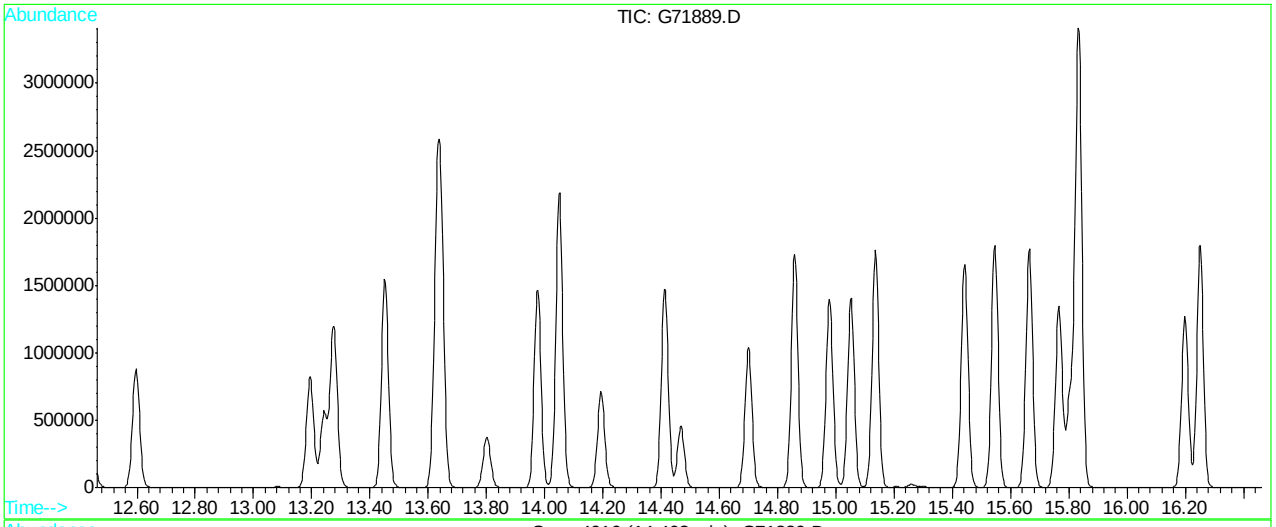
response 68693

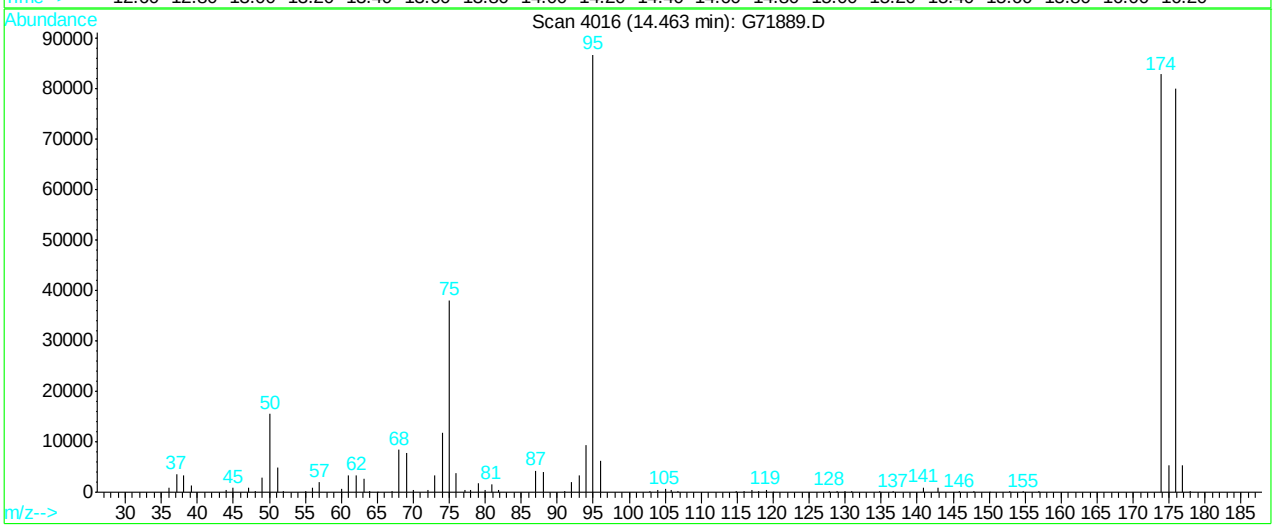
Ion	Exp%	Act%
43.00	100	100
58.00	28.80	33.50
0.00	0.00	0.00
0.00	0.00	0.00

G71836.D G071007W.M Mon Jul 23 09:59:34 2007 RP1

SW-846 Method 8260

```
Data File : C:\HPCHEM\1\DATA\G71889.D                    Vial: 1
Acq On    : 24 Jul 2007   8:42 am                   Operator: kimt
Sample    : cc2872-100                              Inst    : 5973 G
Misc      : ms13993,msg2886,,,,5,1                  Multiplr: 1.00
MS Integration Params: RTEINT.P
Method    : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title     : SW-846 Method 8260
```





Spectrum Information: Scan 4016

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	17.9	15491	PASS
75	95	30	60	43.8	38000	PASS
95	95	100	100	100.0	86720	PASS
96	95	5	9	7.1	6147	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	150	95.5	82776	PASS
175	174	5	9	6.5	5393	PASS
176	174	95	101	96.6	79960	PASS
177	176	5	9	6.6	5306	PASS

G71889.D G071007W.M Tue Jul 24 09:11:32 2007 RP1

Scan 4016 (14.463 min): G71889.D
cc2872-100

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.10	924	52.00	197	68.00	8377	80.00	494
37.10	3627	55.00	211	69.00	7786	80.90	1635
38.10	3329	56.00	966	70.00	530	81.90	431
39.10	1414	57.00	2074	72.00	406	87.00	4245
44.00	500	60.10	628	73.00	3416	88.00	4094
45.00	801	61.00	3239	74.00	11876	91.00	270
47.10	901	62.10	3422	75.00	38000	92.00	1929
48.00	318	63.10	2743	76.00	3812	93.00	3339
49.00	2997	64.00	218	77.10	405	94.00	9329
50.10	15491	65.00	115	78.00	405	95.00	86720
51.10	4866	67.00	341	79.00	1863	96.00	6147

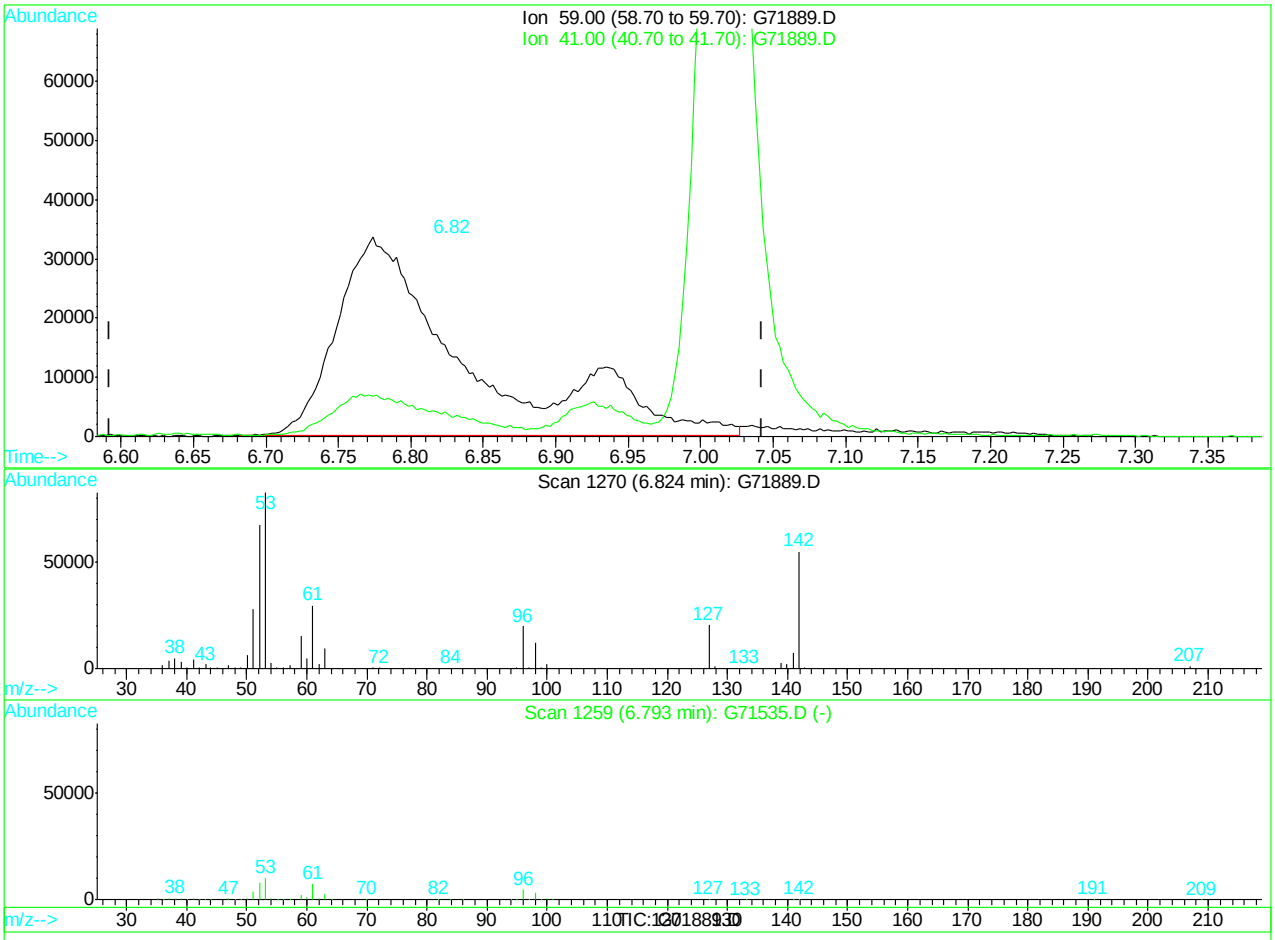
Scan 4016 (14.463 min): G71889.D
cc2872-100

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
102.90	143	127.80	308	152.90	143		
103.90	528	128.90	154	154.80	210		
105.00	594	129.90	233	156.90	193		
105.90	407	130.90	179	173.90	82776		
106.80	142	134.80	142	174.90	5393		
114.90	121	136.70	188	175.90	79960		
115.90	283	140.90	920	176.90	5306		
117.00	429	142.90	843	177.90	176		
117.90	273	145.90	179				
119.00	512	147.80	176				
120.00	103	150.00	114				

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71889.D Vial: 1
Acq On : 24 Jul 2007 8:42 am Operator: kimt
Sample : cc2872-100 Inst : 5973 G
Misc : ms13993,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:12 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration



(2) tertiary butyl alcohol (M)

6.82min 1287.75ppb

response 210477

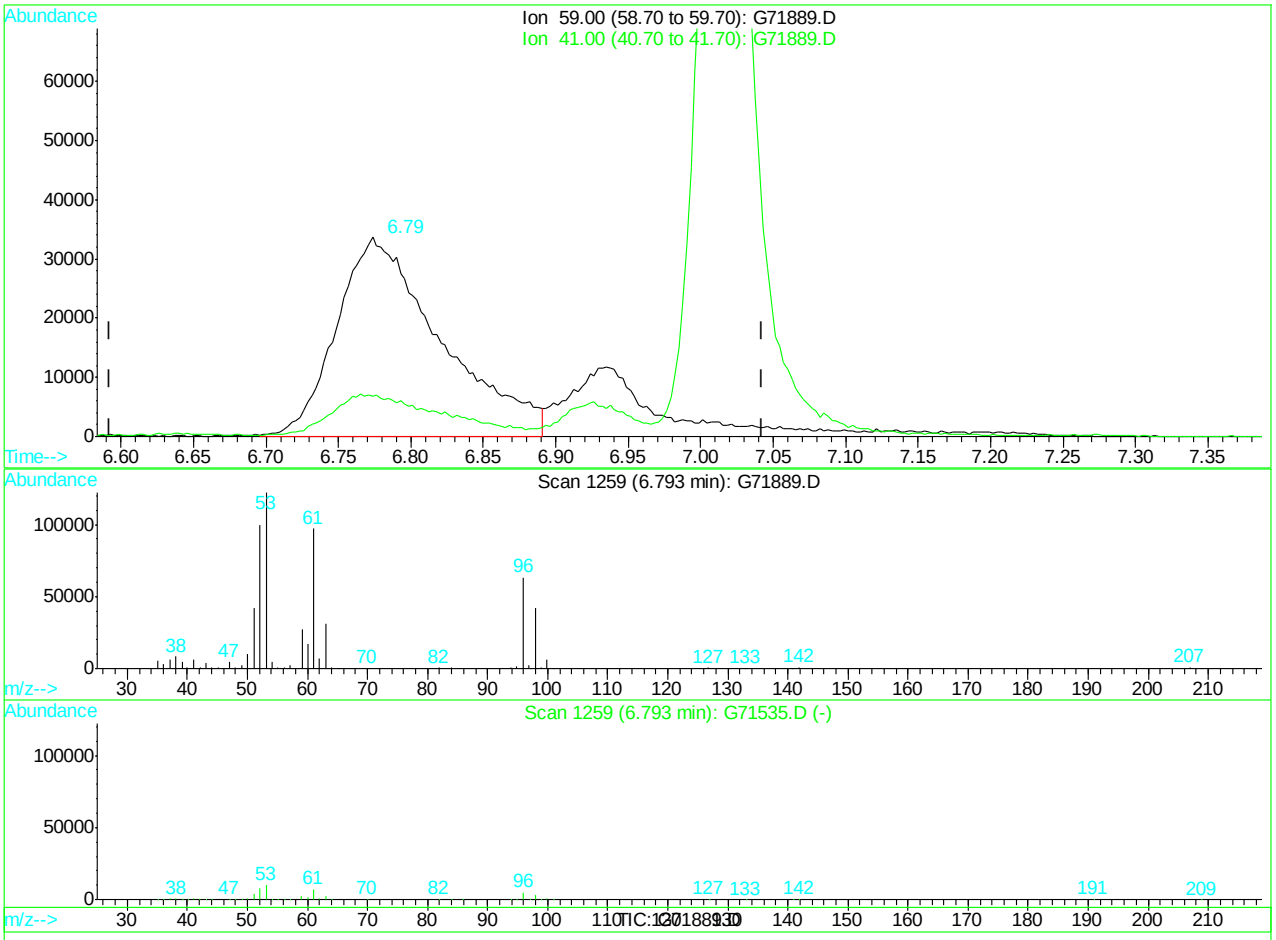
Ion	Exp%	Act%
59.00	100	100
41.00	18.40	25.12
0.00	0.00	0.00
0.00	0.00	0.00

G71889.D G071007W.M Tue Jul 24 09:13:05 2007 RP1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71889.D Vial: 1
Acq On : 24 Jul 2007 8:42 am Operator: kimt
Sample : cc2872-100 Inst : 5973 G
Misc : ms13993,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:13 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration



(2) tertiary butyl alcohol (M)

6.79min 1027.88ppb m

response 168003

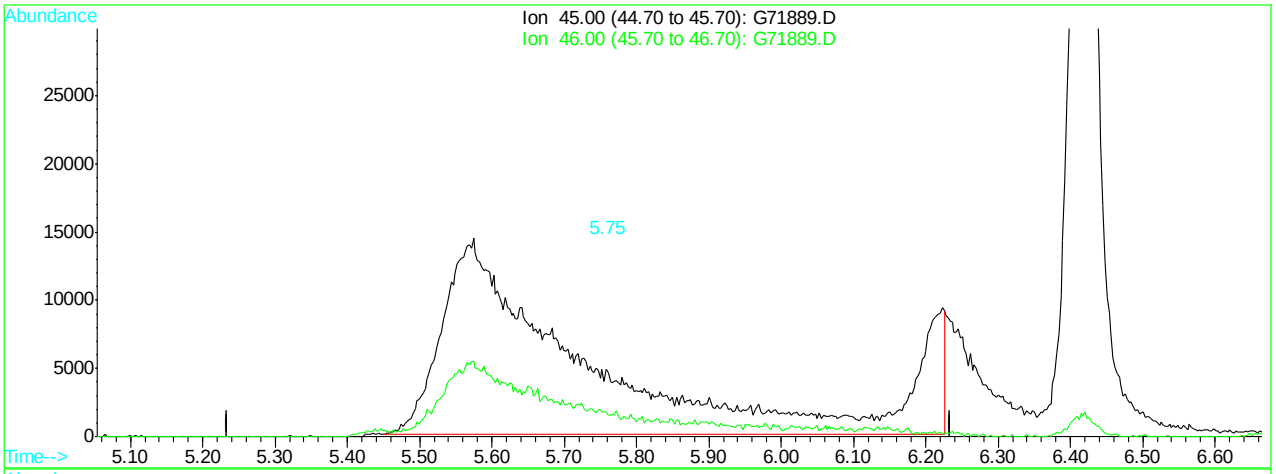
Ion	Exp%	Act%
59.00	100	100
41.00	18.40	21.90
0.00	0.00	0.00
0.00	0.00	0.00

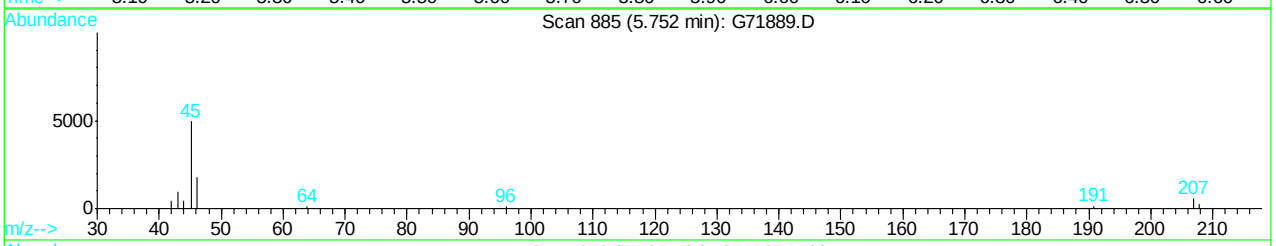
G71889.D G071007W.M Tue Jul 24 09:13:11 2007 RP1

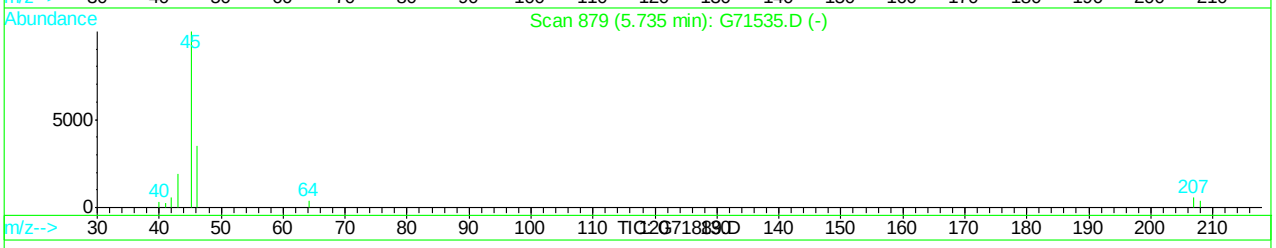
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71889.D Vial: 1
Acq On : 24 Jul 2007 8:42 am Operator: kimt
Sample : cc2872-100 Inst : 5973 G
Misc : ms13993,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:13 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration







(4) Ethanol (T)

5.75min 9951.55ppb

response 202074

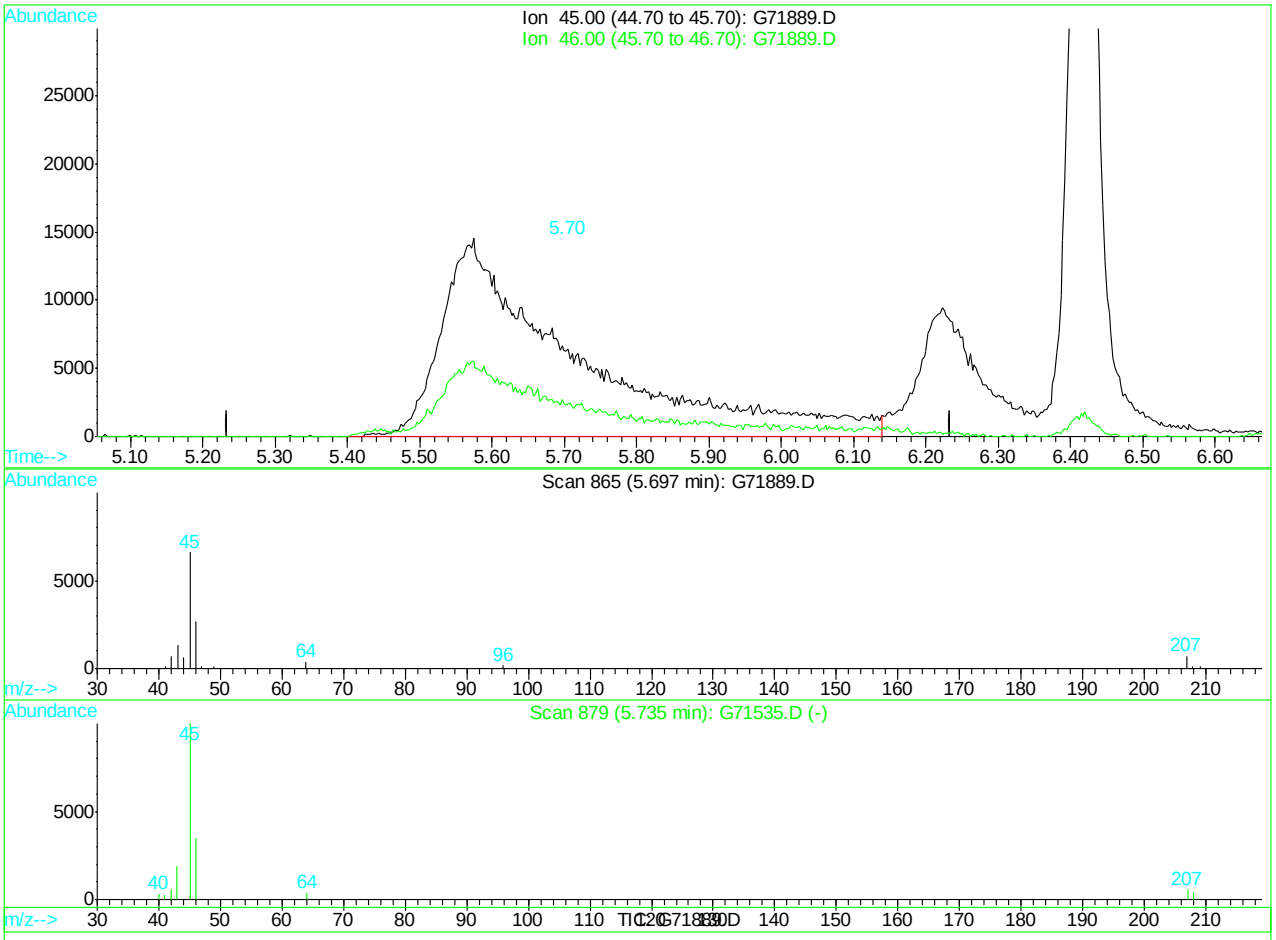
Ion	Exp%	Act%
45.00	100	100
46.00	37.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

G71889.D G071007W.M Tue Jul 24 09:13:18 2007 RP1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71889.D Vial: 1
Acq On : 24 Jul 2007 8:42 am Operator: kimt
Sample : cc2872-100 Inst : 5973 G
Misc : ms13993,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:13 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration



(4) Ethanol (T)

5.70min 9073.08ppb m

response 184236

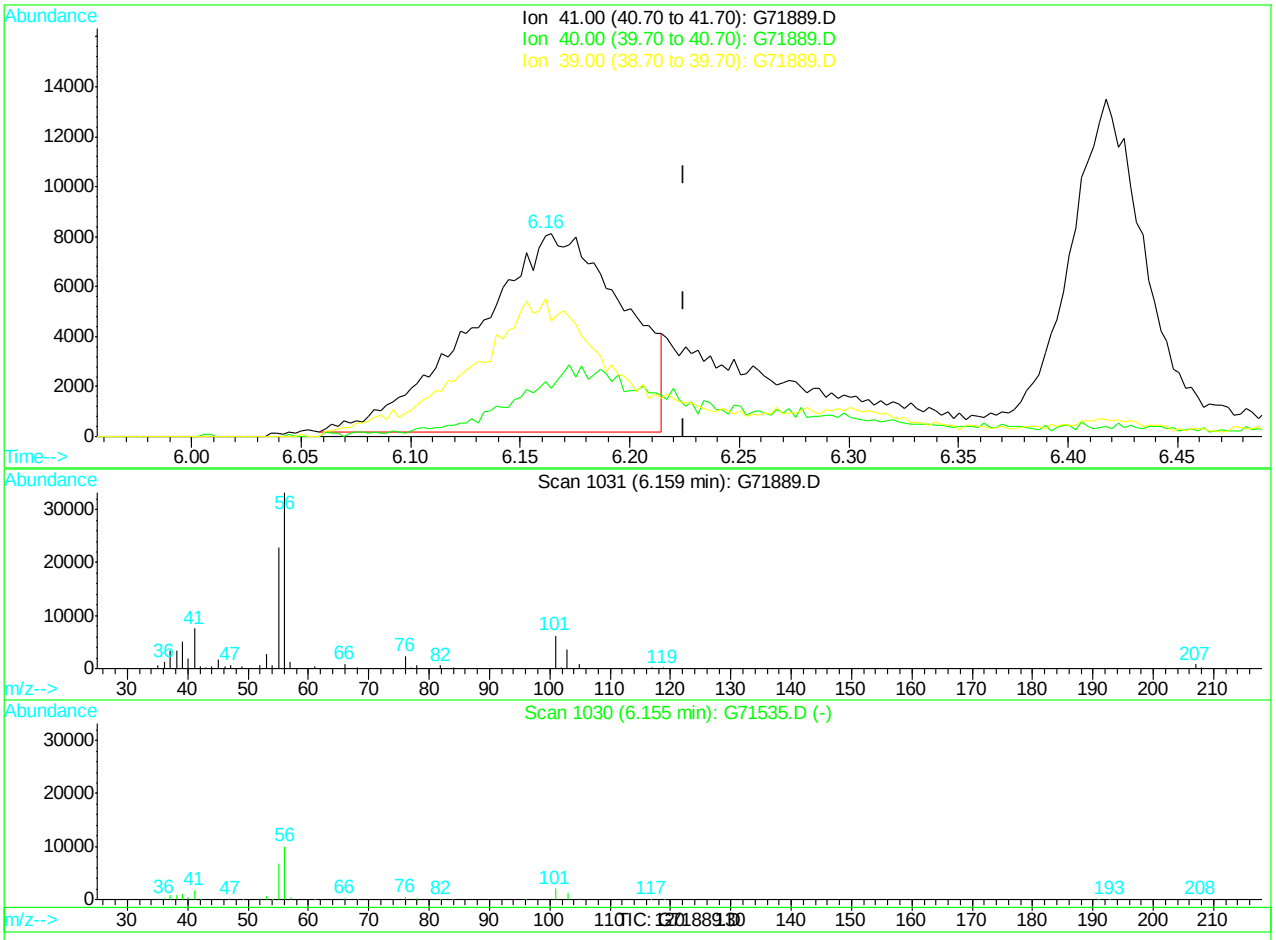
Ion	Exp%	Act%
45.00	100	100
46.00	37.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

G71889.D G071007W.M Tue Jul 24 09:13:24 2007 RP1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71889.D Vial: 1
Acq On : 24 Jul 2007 8:42 am Operator: kimt
Sample : cc2872-100 Inst : 5973 G
Misc : ms13993,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:13 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration



(11) acetonitrile (M)

6.16min 79.80ppb

response 37726

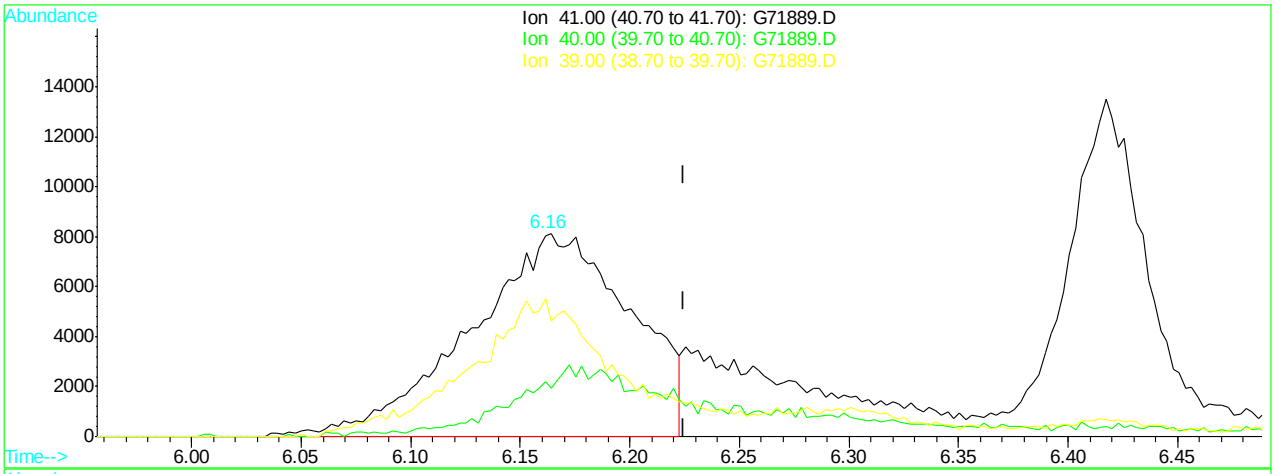
Ion	Exp%	Act%
41.00	100	100
40.00	29.50	26.05
39.00	60.60	68.39
0.00	0.00	0.00

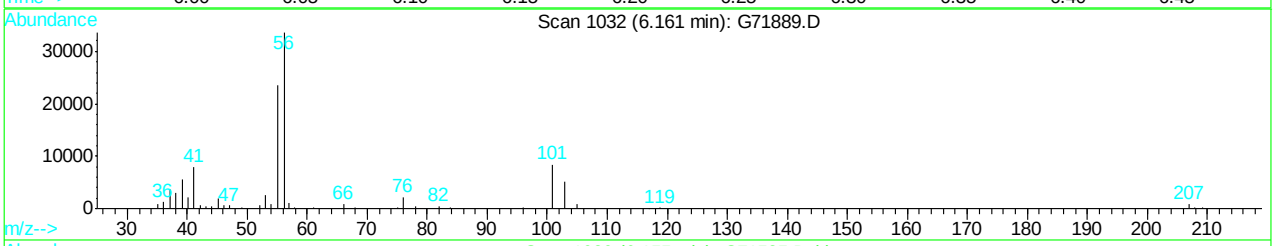
G71889.D G071007W.M Tue Jul 24 09:13:38 2007 RP1

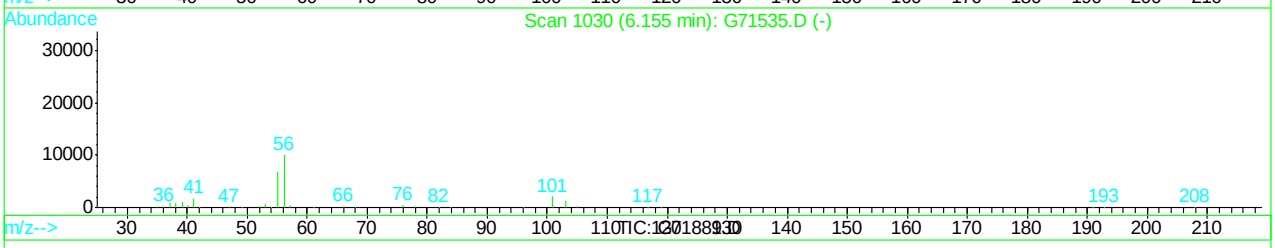
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71889.D Vial: 1
Acq On : 24 Jul 2007 8:42 am Operator: kimt
Sample : cc2872-100 Inst : 5973 G
Misc : ms13993,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:13 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration







(11) acetonitrile (M)

6.16min 87.51ppb m

response 41439

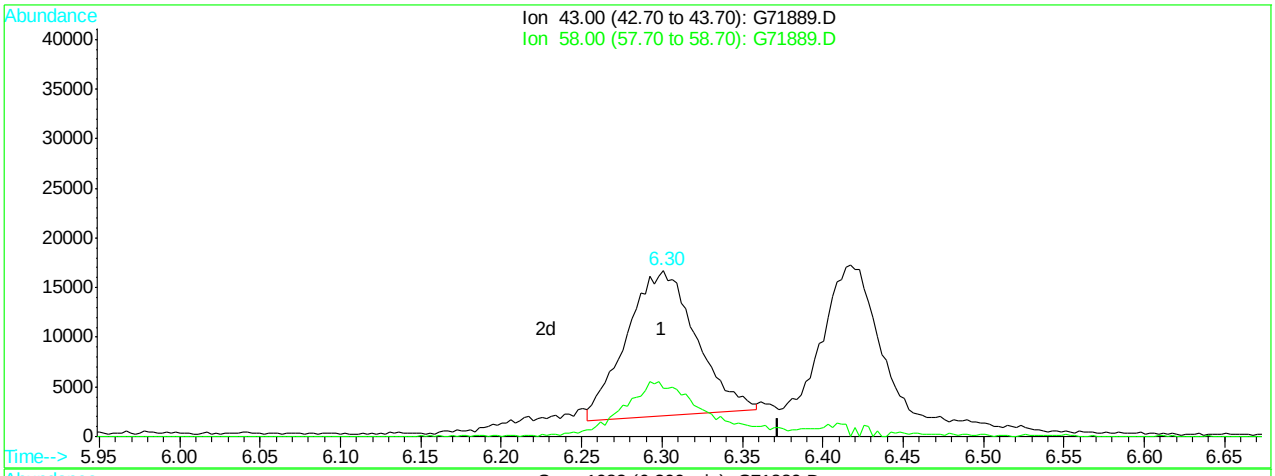
Ion	Exp%	Act%
41.00	100	100
40.00	29.50	27.54
39.00	60.60	68.71
0.00	0.00	0.00

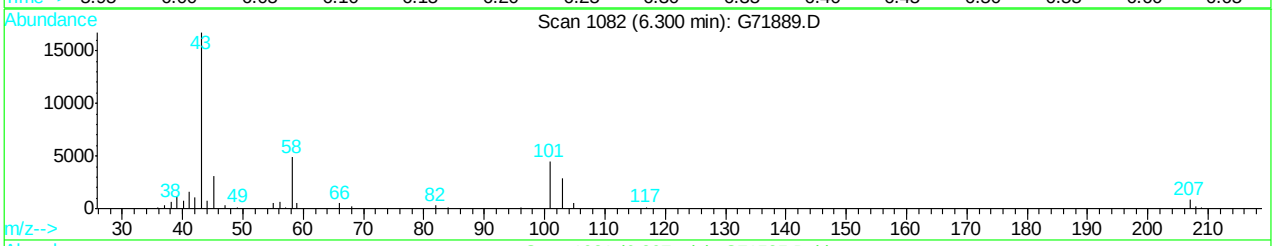
G71889.D G071007W.M Tue Jul 24 09:13:44 2007 RP1

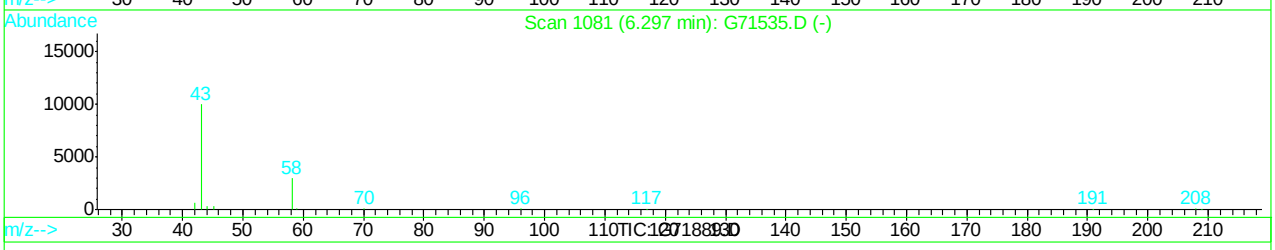
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71889.D Vial: 1
Acq On : 24 Jul 2007 8:42 am Operator: kimt
Sample : cc2872-100 Inst : 5973 G
Misc : ms13993,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:13 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration







(16) acetone (M)

6.30min 50.61ppb

response 44064

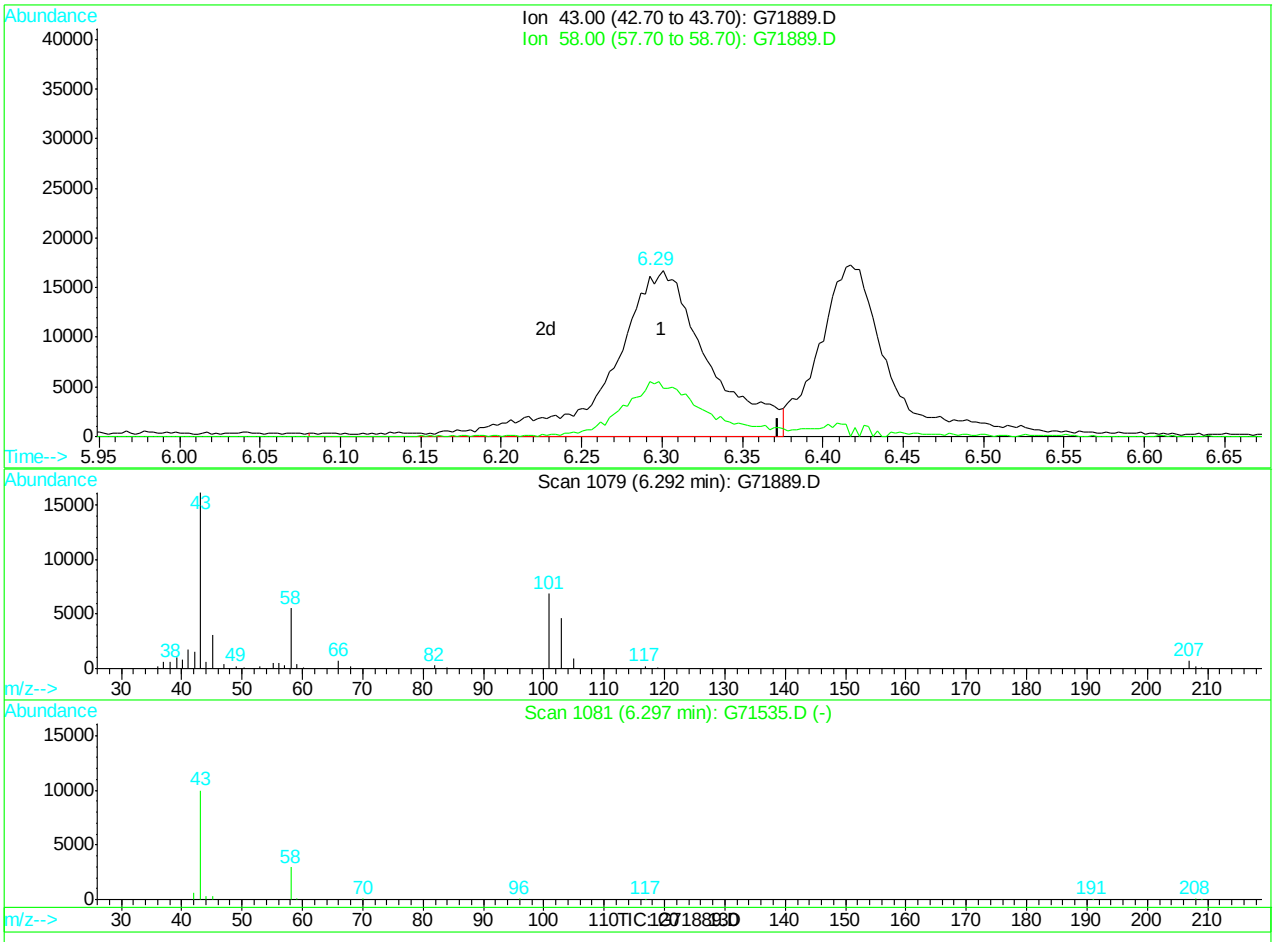
Ion	Exp%	Act%
43.00	100	100
58.00	28.80	29.82
0.00	0.00	0.00
0.00	0.00	0.00

G71889.D G071007W.M Tue Jul 24 09:13:51 2007 RP1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71889.D Vial: 1
Acq On : 24 Jul 2007 8:42 am Operator: kimt
Sample : cc2872-100 Inst : 5973 G
Misc : ms13993,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:14 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration



(16) acetone (M)

6.29min 81.16ppb m

response 70669

Ion	Exp%	Act%
43.00	100	100
58.00	28.80	34.16
0.00	0.00	0.00
0.00	0.00	0.00

G71889.D G071007W.M Tue Jul 24 09:14:14 2007 RP1

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani 07/19/07 15:51

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71528.D Vial: 16
Acq On : 10 Jul 2007 11:12 pm Operator: kimt
Sample : ic2872-0.5 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 19 15:47 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:28:32 2007
Response via : Initial Calibration
DataAcq Meth : G8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.74	65	6199m	50.00	ppb	0.03
3) pentafluorobenzene	9.11	168	185095	50.00	ppb	0.00
43) 1,4-difluorobenzene	9.98	114	275139	50.00	ppb	0.00
66) chlorobenzene-d5	13.25	82	147832	50.00	ppb	0.00
80) 1,4-dichlorobenzene-d4	15.81	152	146954	50.00	ppb	0.00

System Monitoring Compounds

40) dibromofluoromethane (s)	8.76	113	85642	49.85	ppb	0.00
Spiked Amount 50.000	Range 83 - 127		Recovery = 99.70%			
60) toluene-d8 (s)	11.79	98	345761	50.54	ppb	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 101.08%			
82) bromofluorobenzene (s)	14.47	95	133458	51.11	ppb	0.00
Spiked Amount 50.000	Range 81 - 119		Recovery = 102.22%			

Target Compounds

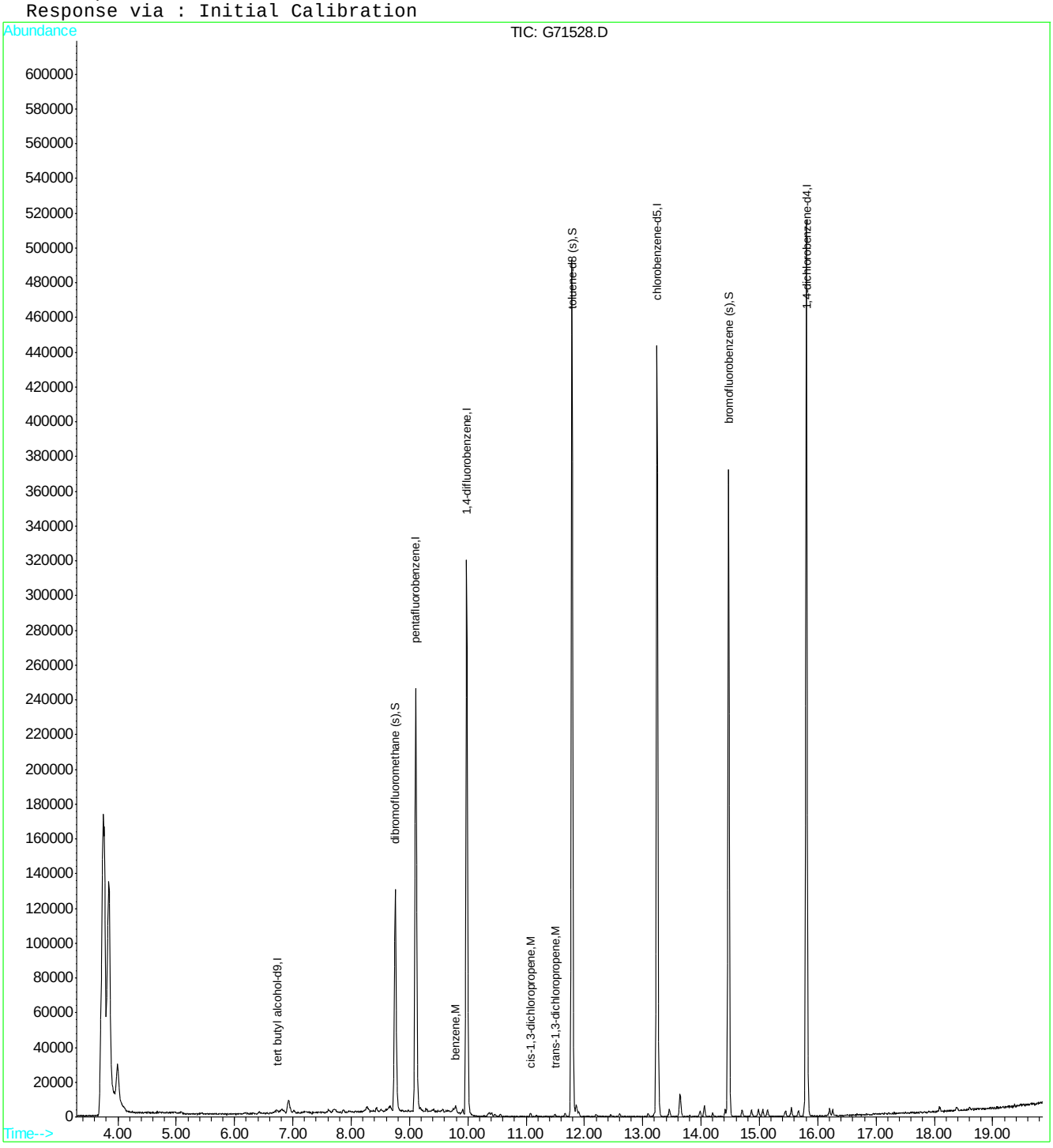
						Qvalue
47) benzene	9.79	78	3444	0.43	ppb	68
59) cis-1,3-dichloropropene	11.08	75	1416m	0.46	ppb	
63) trans-1,3-dichloropropene	11.49	75	1075m	0.40	ppb	

(#) = qualifier out of range (m) = manual integration
G71528.D G071007W.M Thu Jul 19 15:50:20 2007 RP1

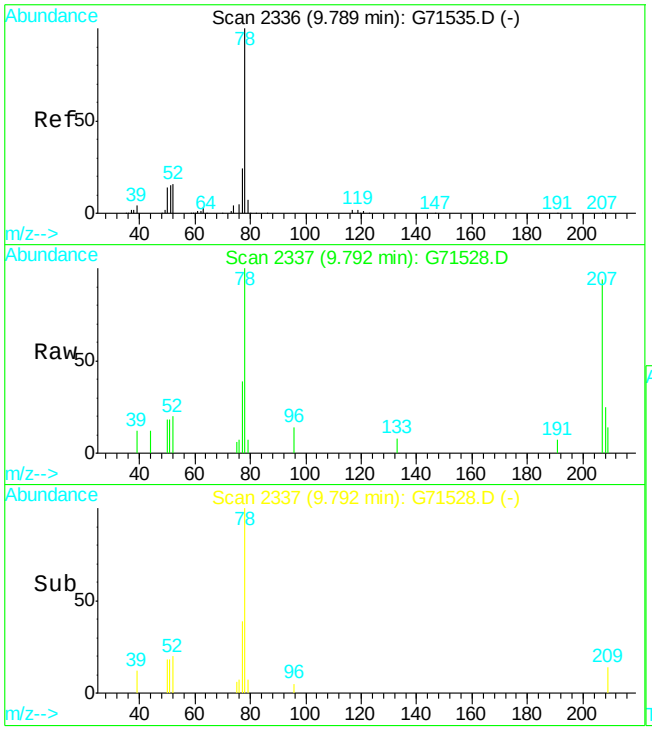
Quantitation Report

Data File : C:\HPCHEM\1\DATA\G71528.D Vial: 16
Acq On : 10 Jul 2007 11:12 pm Operator: kimt
Sample : ic2872-0.5 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 19 15:47 2007 Quant Results File: G071007W.RES

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration



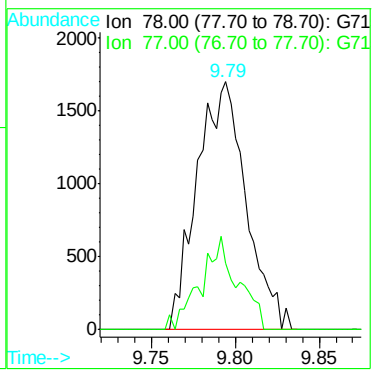
ACCUTEST Laboratories M66438

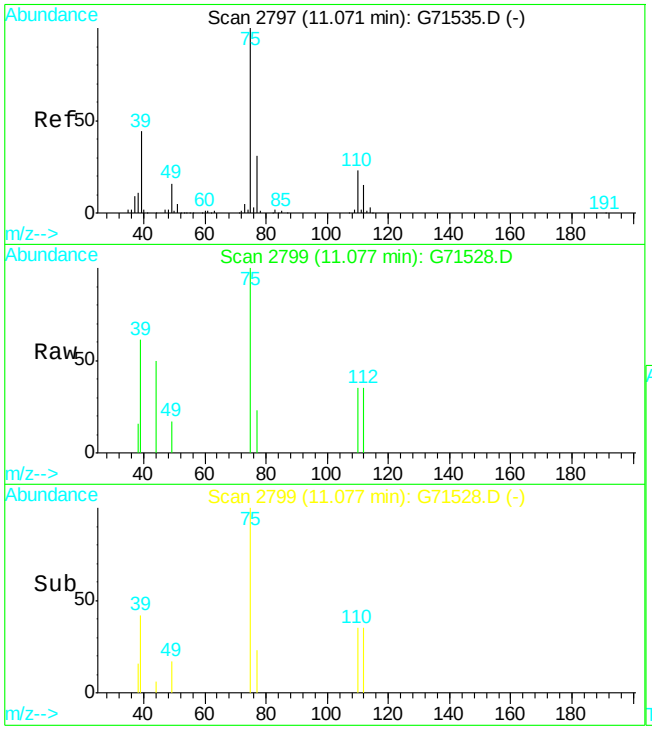


#47
benzene
Concen: 0.43 ppb
RT: 9.79 min Scan# 2337
Delta R.T. 0.00 min
Lab File: G71528.D
Acq: 10 Jul 2007 11:12 pm

Tgt Ion: 78 Resp: 3444

Ion	Ratio	Lower	Upper
78	100		
77	39.4	0.0	53.9

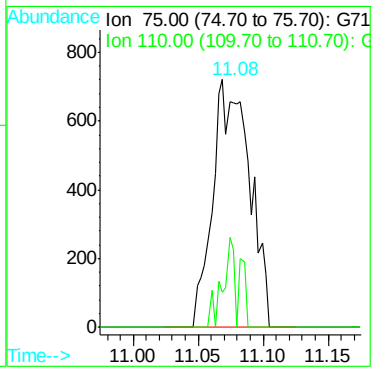


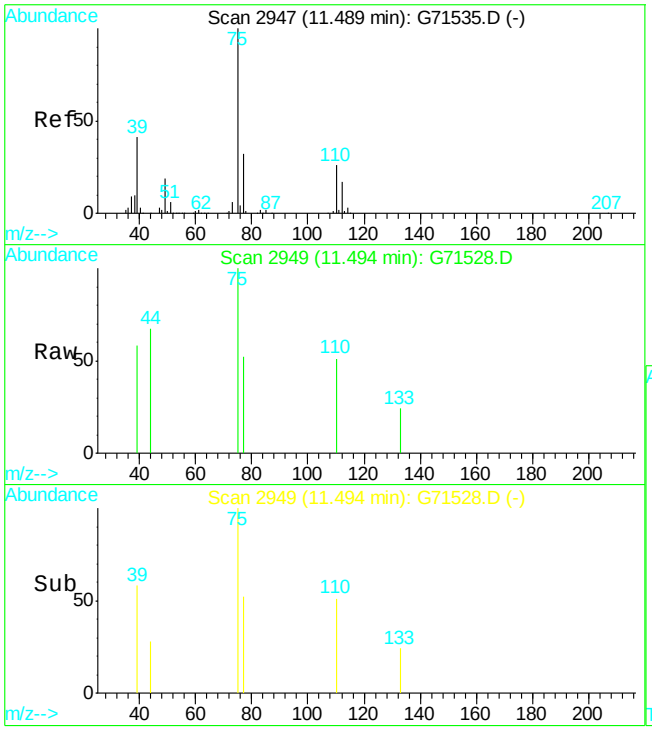


#59
cis-1,3-dichloropropene
Concen: 0.46 ppb m
RT: 11.08 min Scan# 2799
Delta R.T. 0.00 min
Lab File: G71528.D
Acq: 10 Jul 2007 11:12 pm

Tgt Ion: 75 Resp: 1416

Ion	Ratio	Lower	Upper
75	100		
110	34.6	0.0	53.2

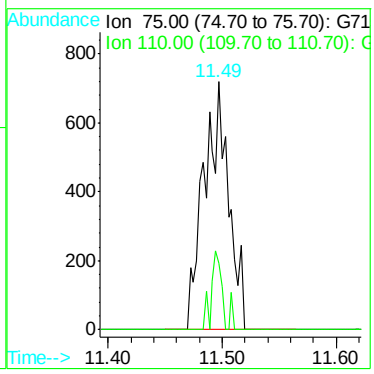




#63
trans-1,3-dichloropropene
Concen: 0.40 ppb m
RT: 11.49 min Scan# 2949
Delta R.T. 0.00 min
Lab File: G71528.D
Acq: 10 Jul 2007 11:12 pm

Tgt Ion: 75 Resp: 1075

Ion	Ratio	Lower	Upper
75	100		
110	50.9	0.0	56.2



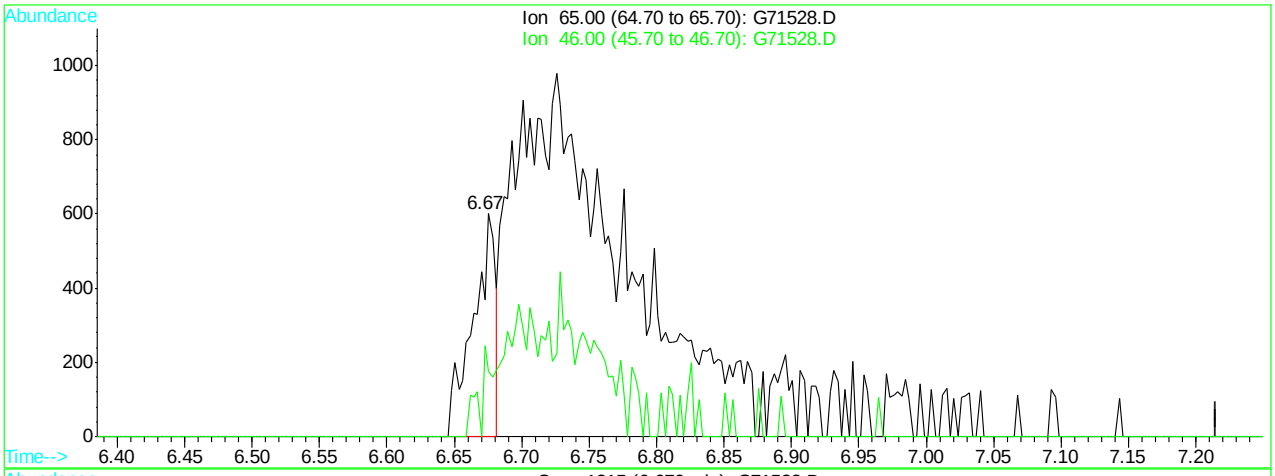
6.6.1

6

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71528.D Vial: 16
Acq On : 10 Jul 2007 11:12 pm Operator: kimt
Sample : ic2872-0.5 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:29 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:28:32 2007
Response via : Multiple Level Calibration



(1) tert butyl alcohol-d9 (I)

6.67min 50.00ppb

response 691

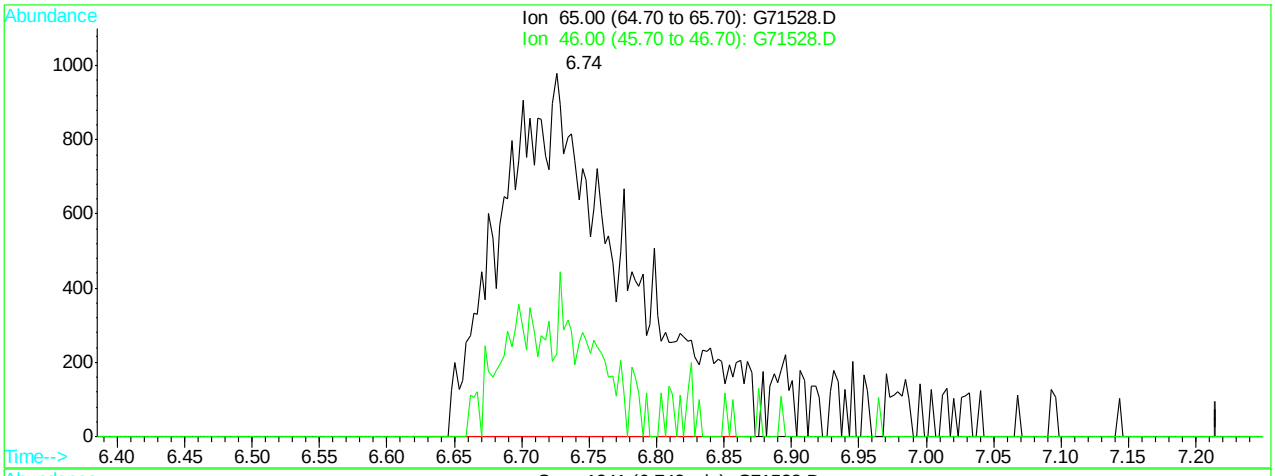
Ion	Exp%	Act%
65.00	100	100
46.00	36.90	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

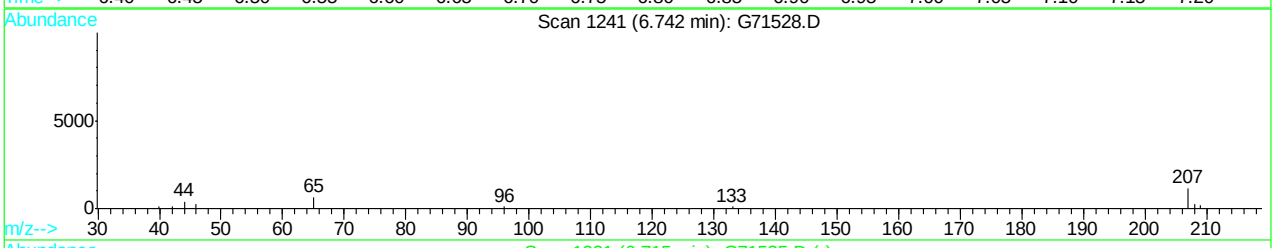
G71528.D G071007W.M Wed Jul 11 12:30:39 2007 RPT1

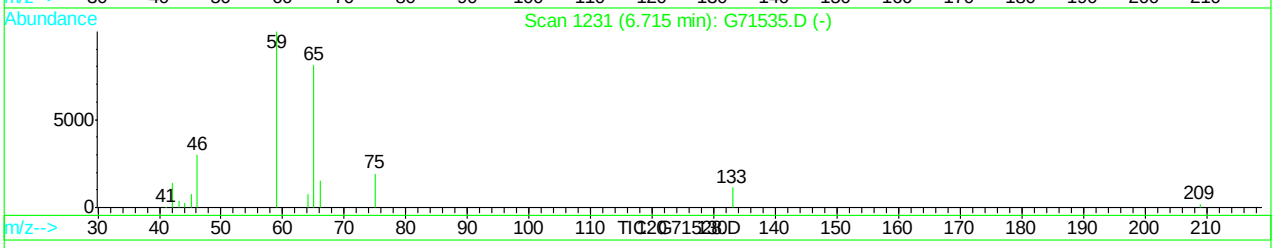
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71528.D Vial: 16
Acq On : 10 Jul 2007 11:12 pm Operator: kimt
Sample : ic2872-0.5 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:30 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:28:32 2007
Response via : Multiple Level Calibration







(1) tert butyl alcohol-d9 (I)

6.74min 50.00ppb m

response 6199

Ion	Exp%	Act%
65.00	100	100
46.00	36.90	39.75
0.00	0.00	0.00
0.00	0.00	0.00

G71528.D G071007W.M Wed Jul 11 12:30:46 2007 RPT1

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani 07/19/07 15:51

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71529.D Vial: 17
Acq On : 10 Jul 2007 11:38 pm Operator: kimt
Sample : ic2872-1 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:27 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:22:57 2007
Response via : Initial Calibration
DataAcq Meth : G8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.77	65	6144m	50.00	ppb	0.05
3) pentafluorobenzene	9.11	168	183304	50.00	ppb	0.00
43) 1,4-difluorobenzene	9.98	114	270251	50.00	ppb	0.00
66) chlorobenzene-d5	13.24	82	145680	50.00	ppb	0.00
80) 1,4-dichlorobenzene-d4	15.81	152	147760	50.00	ppb	0.00

System Monitoring Compounds

40) dibromofluoromethane (s)	8.76	113	85881	50.55	ppb	0.00
Spiked Amount 50.000	Range 83 - 127		Recovery = 101.10%			
60) toluene-d8 (s)	11.79	98	339814	50.65	ppb	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 101.30%			
82) bromofluorobenzene (s)	14.47	95	131586	50.13	ppb	0.00
Spiked Amount 50.000	Range 81 - 119		Recovery = 100.26%			

Target Compounds

							Qvalue
5) dichlorodifluoromethane	4.43	85	1646m	1.12	ppb		
6) chloromethane	4.70	50	2498m	1.33	ppb		
7) vinyl chloride	4.95	62	2231	1.16	ppb	#	37
8) bromomethane	5.42	96	2343m	1.70	ppb		
9) chloroethane	5.58	64	1615	1.22	ppb		90
10) ethyl ether	6.42	59	1928	1.09	ppb		100
12) trichlorofluoromethane	6.23	101	2547m	1.08	ppb		
13) freon-113	6.99	101	1601	0.97	ppb		76
15) 1,1-dichloroethene	6.79	96	2921	1.63	ppb		79
17) Methyl Acetate	6.95	43	3402	1.13	ppb	#	91
19) methyl tert butyl ether	7.71	73	6770	1.15	ppb		97
20) acrylonitrile	6.83	53	4549	5.50	ppb	#	41
21) allyl chloride	7.02	41	3311	1.07	ppb		86
22) trans-1,2-dichloroethene	7.61	96	2078	1.09	ppb		94
23) iodomethane	6.85	142	3659	1.09	ppb		94
24) carbon disulfide	7.22	76	6367	1.12	ppb		84
27) chloroprene	8.23	53	2578	1.07	ppb		80
28) di-isopropyl ether	8.27	45	8377	1.14	ppb		98
31) Hexane	8.26	41	3247	1.16	ppb	#	94
32) 1,1-dichloroethane	7.86	63	4039	1.17	ppb		93
33) tert-butyl ethyl ether	8.67	59	7377	1.08	ppb		99
35) 2,2-dichloropropane	8.73	77	2277	1.14	ppb		95
36) cis-1,2-dichloroethene	8.43	96	2807	1.27	ppb		77
38) bromochloromethane	8.60	128	1128	1.06	ppb		90
39) chloroform	8.64	83	3867	1.15	ppb		88
41) Tetrahydrofuran	8.97	42	600	0.89	ppb		82
42) 1,1,1-trichloroethane	9.40	97	3183	1.11	ppb		82
44) Cyclohexane	9.68	56	3533	0.98	ppb	#	88
45) carbon tetrachloride	9.76	117	2780	1.06	ppb		86
46) 1,1-dichloropropene	9.56	75	2906	1.17	ppb		87
47) benzene	9.79	78	9047	1.16	ppb		91
48) 1,2-dichloroethane	9.28	62	2942	1.20	ppb		96
49) tert-amyl methyl ether	9.91	73	7045	1.07	ppb		97
50) heptane	10.27	43	2754	1.14	ppb		95
51) trichloroethene	10.41	95	2439	1.16	ppb		78

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71529.D Vial: 17
Acq On : 10 Jul 2007 11:38 pm Operator: kimt
Sample : ic2872-1 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:27 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:22:57 2007
Response via : Initial Calibration
DataAcq Meth : G8260

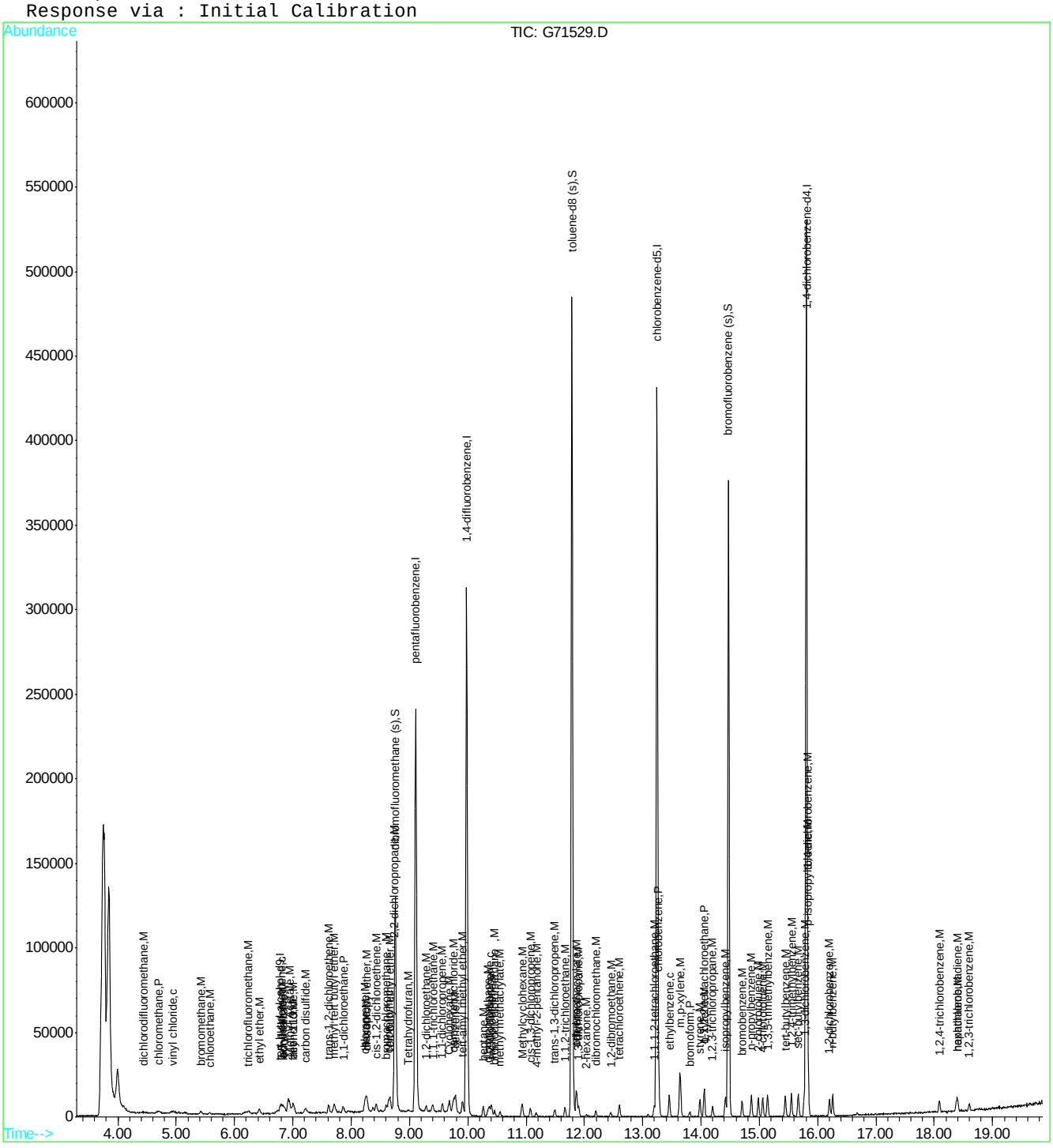
	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
52)	1,2-dichloropropane	10.37	63	2233	1.12 ppb		88
53)	dibromomethane	10.34	93	1380	1.11 ppb	#	75
54)	bromodichloromethane	10.46	83	2928	1.09 ppb		98
55)	Methylcyclohexane	10.93	83	3368	1.04 ppb		95
57)	methyl methacrylate	10.55	69	1175	0.84 ppb	#	70
59)	cis-1,3-dichloropropene	11.08	75	3223	1.07 ppb		86
61)	4-methyl-2-pentanone	11.18	43	2285	1.05 ppb	#	78
62)	toluene	11.86	92	6076	1.21 ppb		97
63)	trans-1,3-dichloropropene	11.49	75	2775	1.05 ppb		97
64)	1,1,2-trichloroethane	11.67	83	1633	1.07 ppb		83
65)	ethyl methacrylate	11.87	69	2533	0.99 ppb		97
67)	tetrachloroethene	12.60	166	2348	1.05 ppb		80
68)	1,3-dichloropropane	11.90	76	3732	1.15 ppb		96
69)	dibromochloromethane	12.20	129	2290	1.03 ppb		85
70)	1,2-dibromoethane	12.45	107	1991	1.03 ppb		96
71)	2-hexanone	12.04	43	1446	0.94 ppb	#	59
72)	chlorobenzene	13.28	112	6583	1.11 ppb		95
73)	1,1,1,2-tetrachloroethane	13.20	131	2119	1.03 ppb		84
74)	ethylbenzene	13.46	91	10032	1.05 ppb		98
75)	m,p-xylene	13.64	106	9828	2.48 ppb		96
76)	o-xylene	14.06	106	4031	1.05 ppb		88
77)	styrene	13.98	104	5586	0.97 ppb		95
78)	bromoform	13.81	173	1552	0.93 ppb		95
81)	isopropylbenzene	14.42	105	9031	1.06 ppb		98
83)	bromobenzene	14.71	156	2921	1.06 ppb		95
84)	1,1,2,2-tetrachloroethane	14.05	83	2195	1.01 ppb		90
85)	1,2,3-trichloropropane	14.20	75	2882	1.05 ppb		98
86)	n-propylbenzene	14.86	91	11568	1.02 ppb		100
87)	2-chlorotoluene	14.98	91	7385	1.07 ppb		96
88)	4-chlorotoluene	15.06	91	7937	1.12 ppb		97
89)	1,3,5-trimethylbenzene	15.14	105	7988	1.01 ppb		87
90)	tert-butylbenzene	15.45	91	4361	1.02 ppb		92
91)	1,2,4-trimethylbenzene	15.55	105	8487	1.03 ppb		100
92)	sec-butylbenzene	15.67	105	10048	0.99 ppb		98
93)	1,3-dichlorobenzene	15.77	146	5098	1.04 ppb		93
94)	p-isopropyltoluene	15.84	119	8711	1.01 ppb		91
95)	1,4-dichlorobenzene	15.83	146	5574	1.07 ppb		90
96)	1,2-dichlorobenzene	16.20	146	4875	1.09 ppb		86
97)	n-butylbenzene	16.26	91	7806	1.02 ppb		95
99)	1,2,4-trichlorobenzene	18.09	180	2721	1.05 ppb		95
100)	hexachlorobutadiene	18.40	225	1546	1.07 ppb		84
101)	naphthalene	18.38	128	5282	1.14 ppb		100
102)	1,2,3-trichlorobenzene	18.60	180	1709	1.05 ppb		87

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\G71529.D Vial: 17
Acq On : 10 Jul 2007 11:38 pm Operator: kimt
Sample : ic2872-1 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:27 2007 Quant Results File: G071007W.RES

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:28:32 2007
Response via : Initial Calibration

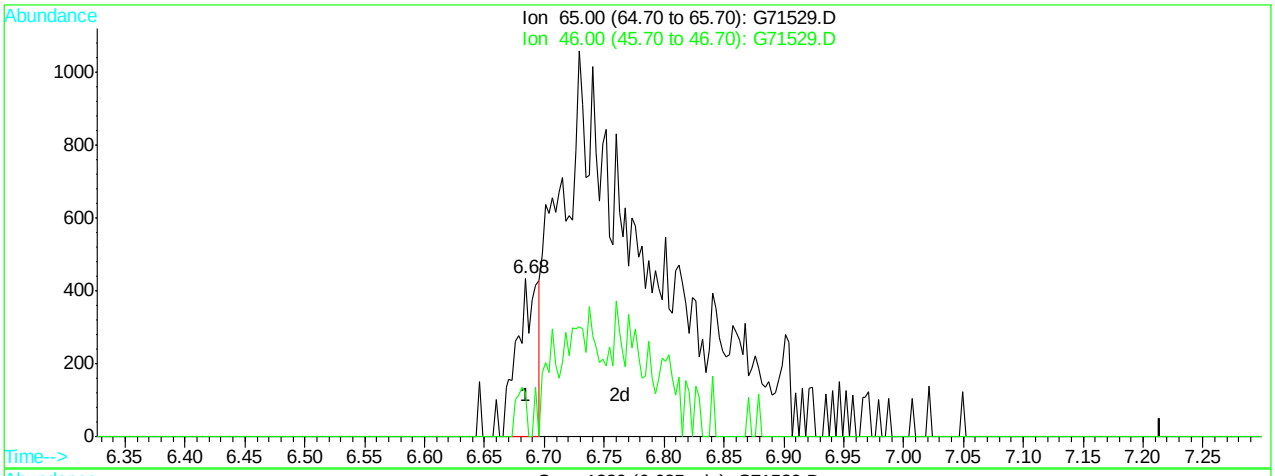


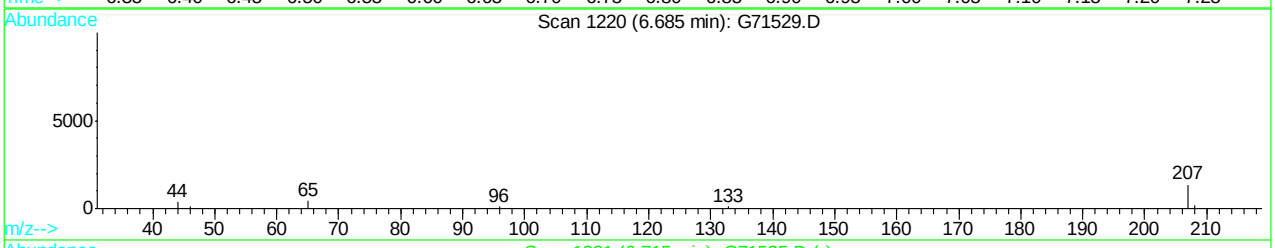
ACCUTEST Laboratories M66438

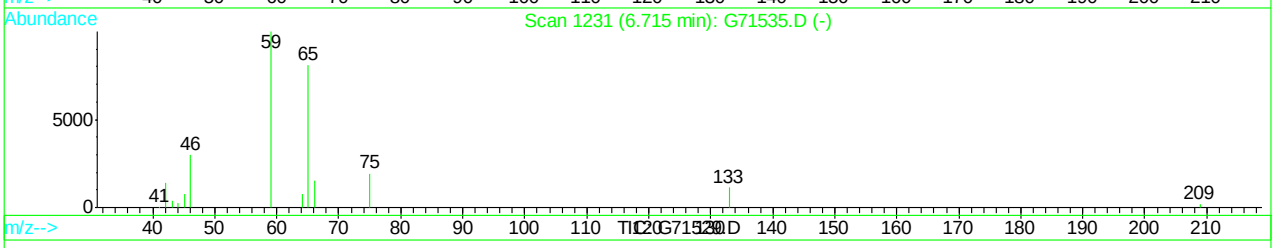
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71529.D Vial: 17
Acq On : 10 Jul 2007 11:38 pm Operator: kimt
Sample : ic2872-1 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:24 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:22:57 2007
Response via : Multiple Level Calibration







(1) tert butyl alcohol-d9 (I)

6.68min 50.00ppb

response 530

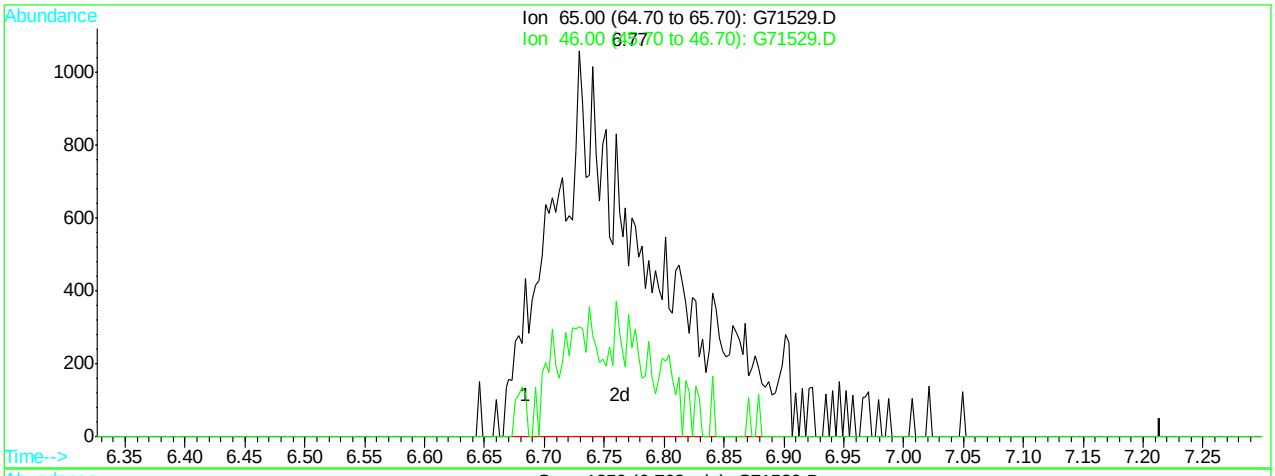
Ion	Exp%	Act%
65.00	100	100
46.00	36.90	27.88
0.00	0.00	0.00
0.00	0.00	0.00

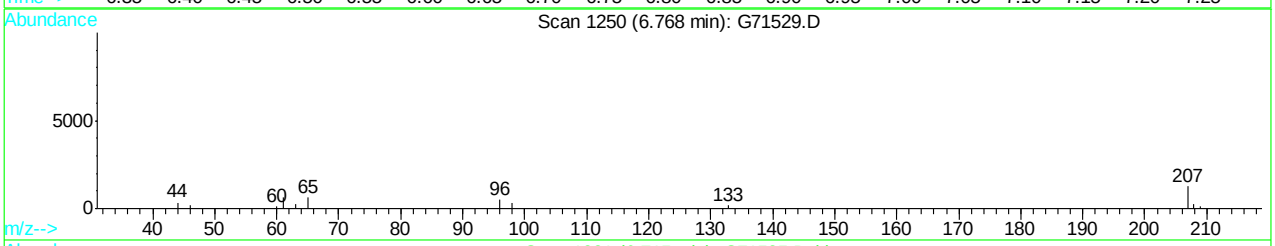
G71529.D G071007W.M Wed Jul 11 12:25:07 2007 RPT1

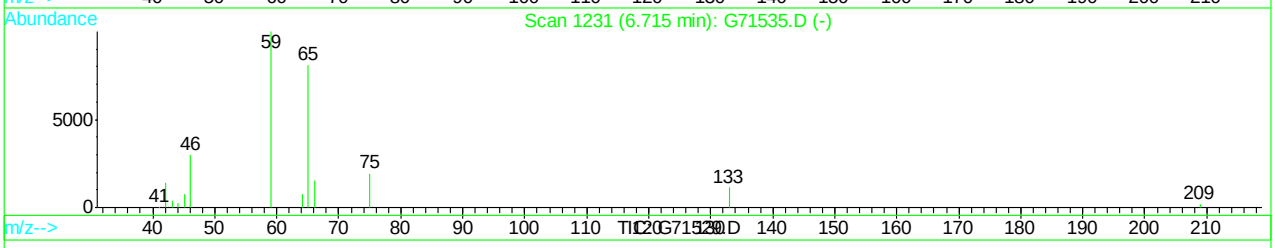
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71529.D Vial: 17
Acq On : 10 Jul 2007 11:38 pm Operator: kimt
Sample : ic2872-1 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:25 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:22:57 2007
Response via : Multiple Level Calibration







(1) tert butyl alcohol-d9 (I)

6.77min 50.00ppb m

response 6144

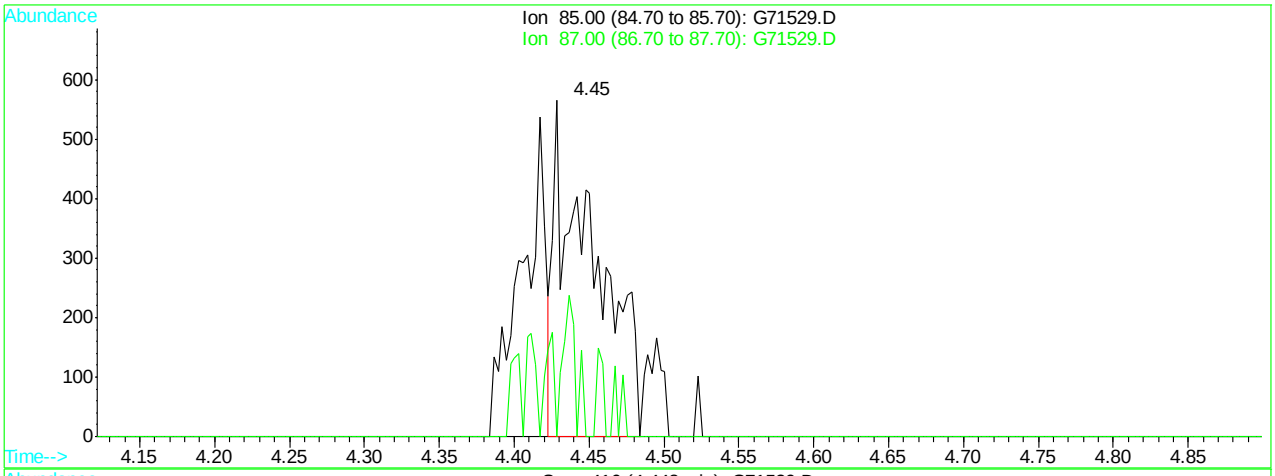
Ion	Exp%	Act%
65.00	100	100
46.00	36.90	30.62
0.00	0.00	0.00
0.00	0.00	0.00

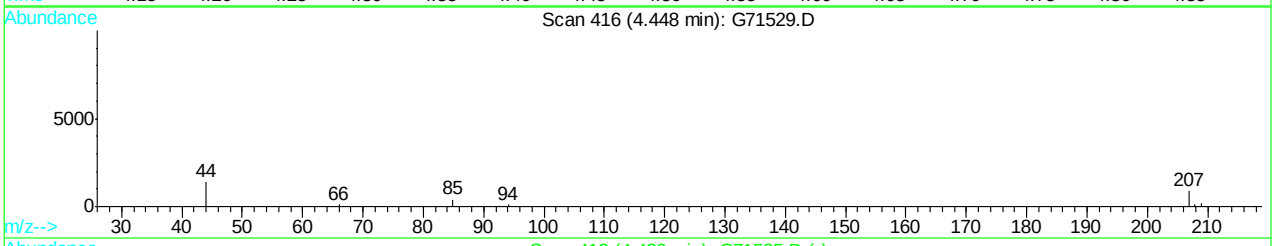
G71529.D G071007W.M Wed Jul 11 12:25:16 2007 RPT1

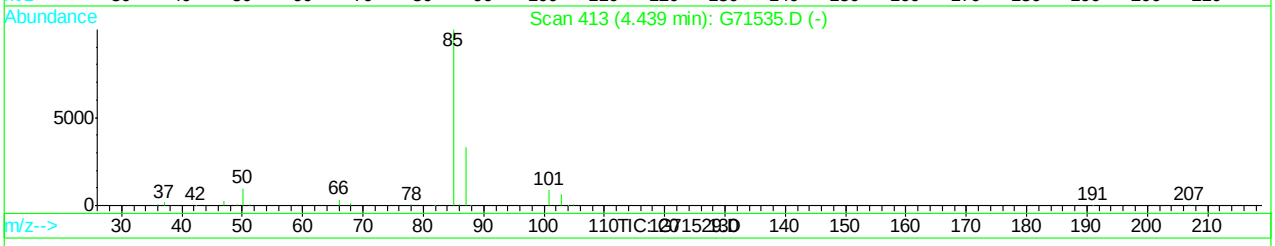
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71529.D Vial: 17
Acq On : 10 Jul 2007 11:38 pm Operator: kimt
Sample : ic2872-1 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:25 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:22:57 2007
Response via : Multiple Level Calibration







(5) dichlorodifluoromethane (M)

4.45min 0.72ppb

response 1053

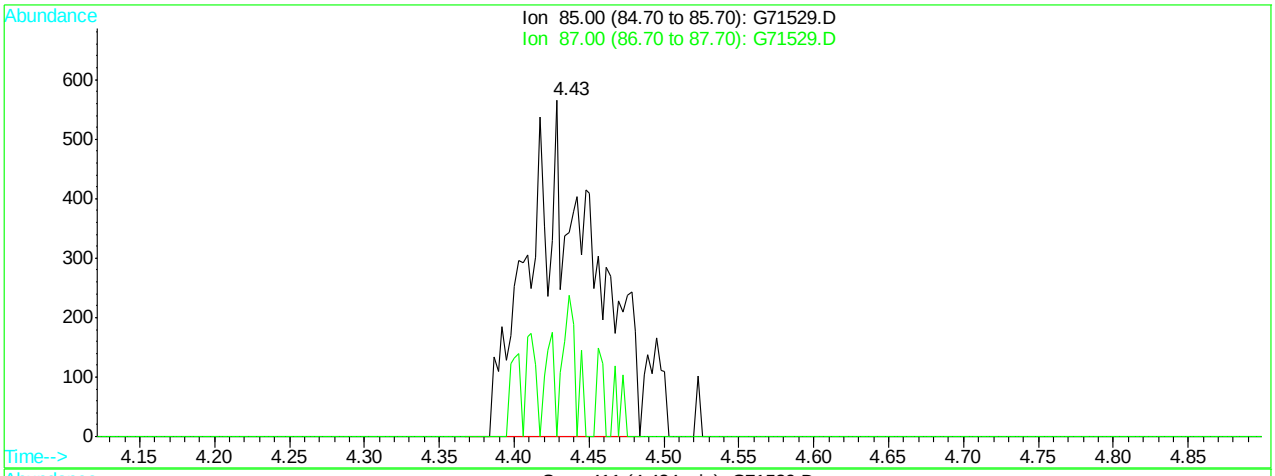
Ion	Exp%	Act%
85.00	100	100
87.00	33.30	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

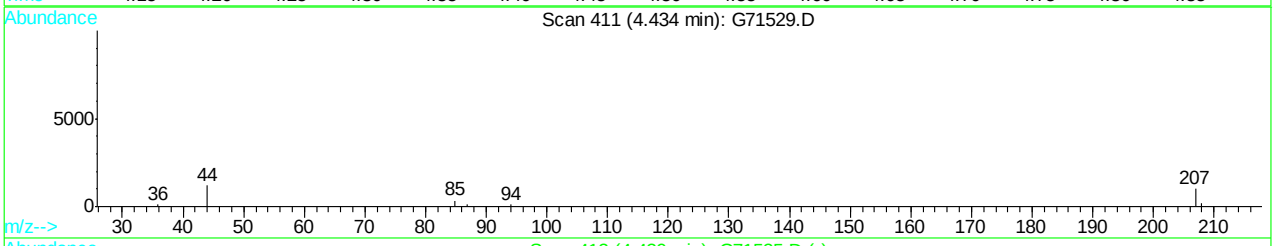
G71529.D G071007W.M Wed Jul 11 12:25:29 2007 RPT1

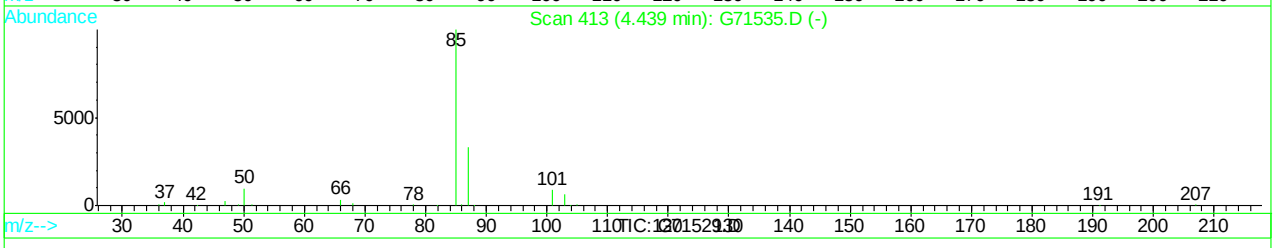
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71529.D Vial: 17
Acq On : 10 Jul 2007 11:38 pm Operator: kimt
Sample : ic2872-1 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:25 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:22:57 2007
Response via : Multiple Level Calibration







(5) dichlorodifluoromethane (M)

4.43min 1.12ppb m

response 1646

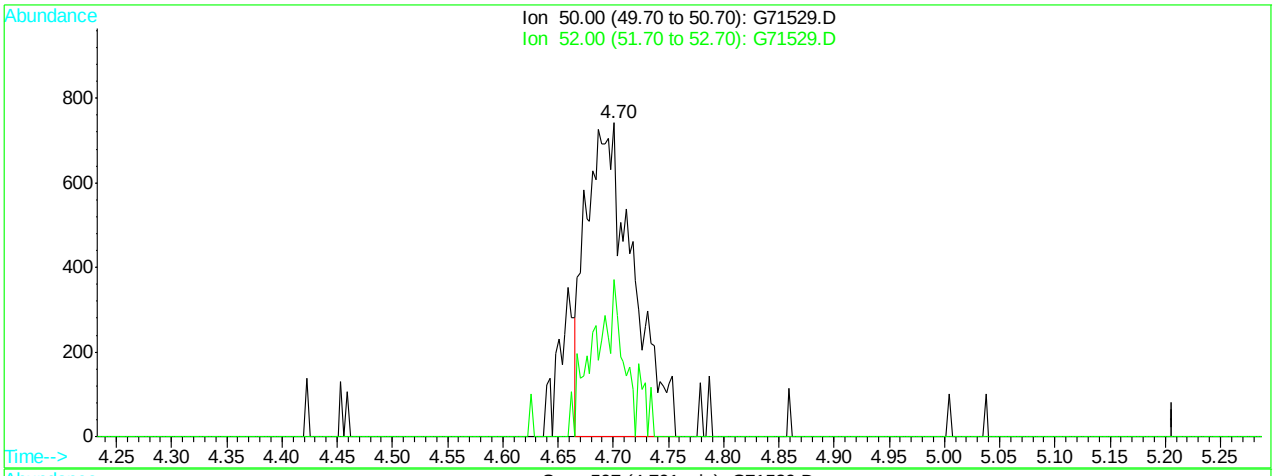
Ion	Exp%	Act%
85.00	100	100
87.00	33.30	47.63
0.00	0.00	0.00
0.00	0.00	0.00

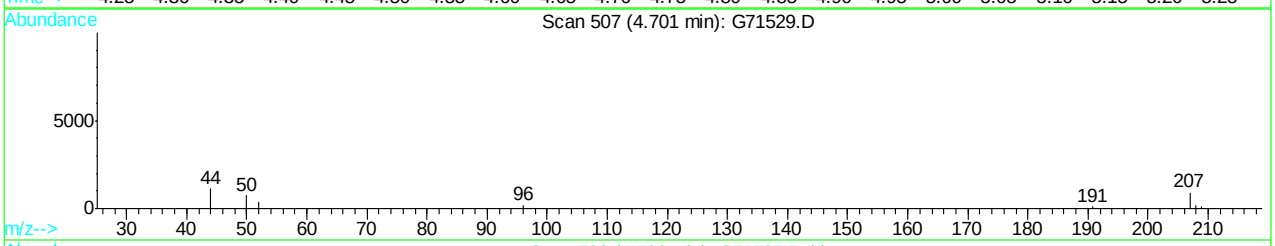
G71529.D G071007W.M Wed Jul 11 12:25:36 2007 RPT1

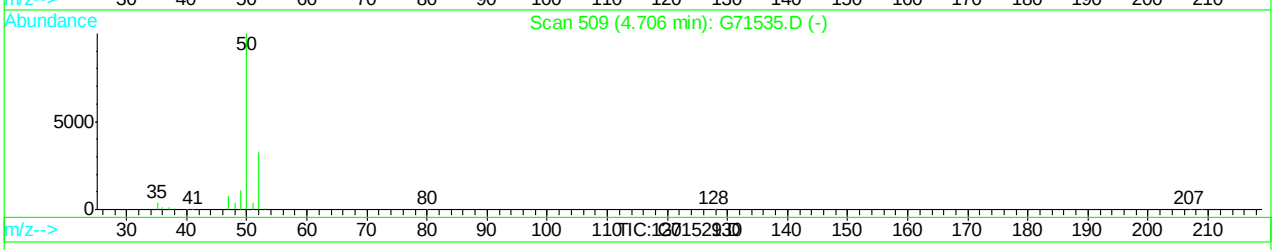
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71529.D Vial: 17
Acq On : 10 Jul 2007 11:38 pm Operator: kimt
Sample : ic2872-1 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:25 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:22:57 2007
Response via : Multiple Level Calibration







(6) chloromethane (P)

4.70min 1.17ppb

response 2205

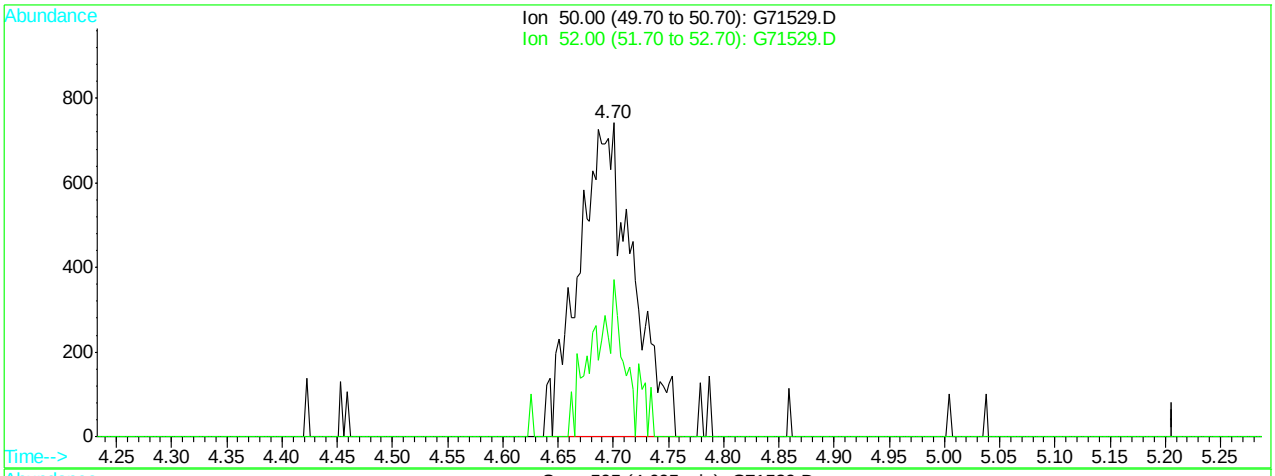
Ion	Exp%	Act%
50.00	100	100
52.00	32.50	49.87
0.00	0.00	0.00
0.00	0.00	0.00

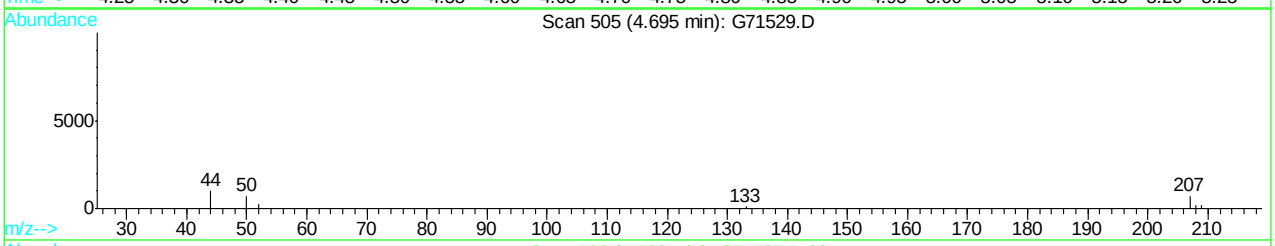
G71529.D G071007W.M Wed Jul 11 12:25:44 2007 RPT1

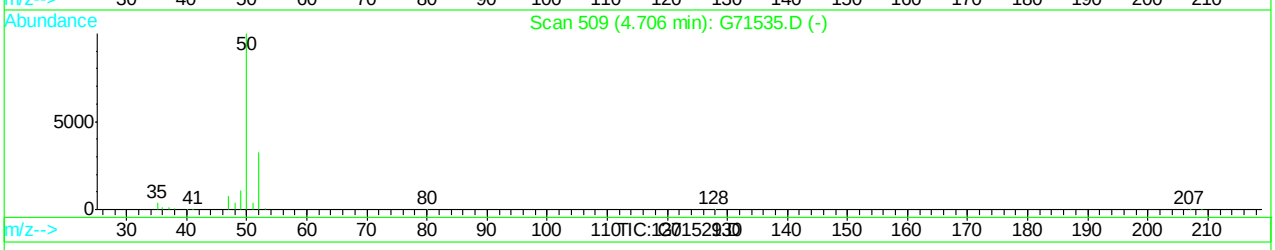
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71529.D Vial: 17
Acq On : 10 Jul 2007 11:38 pm Operator: kimt
Sample : ic2872-1 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:25 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:22:57 2007
Response via : Multiple Level Calibration







(6) chloromethane (P)

4.70min 1.33ppb m

response 2498

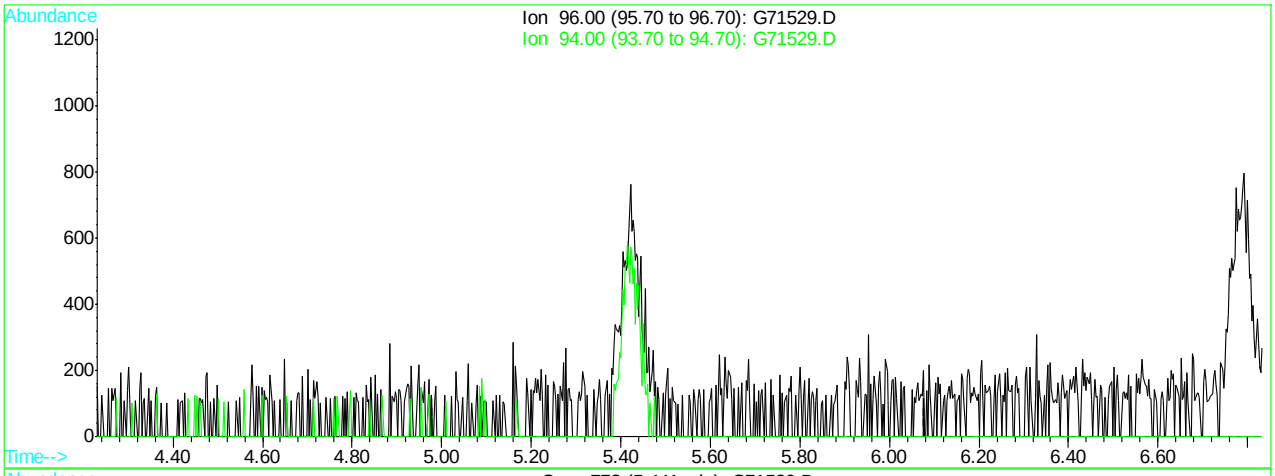
Ion	Exp%	Act%
50.00	100	100
52.00	32.50	33.24
0.00	0.00	0.00
0.00	0.00	0.00

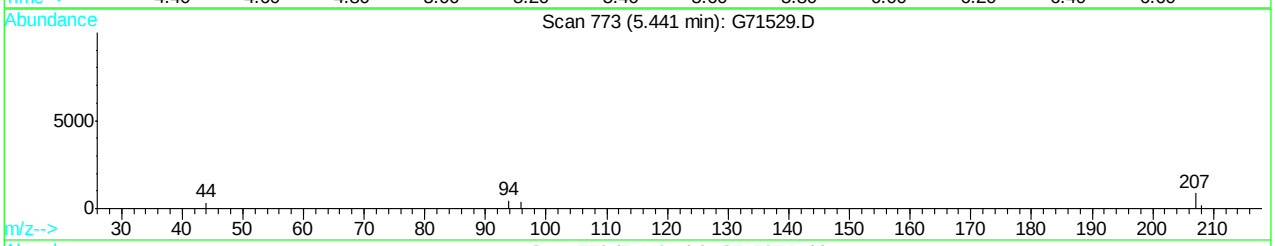
G71529.D G071007W.M Wed Jul 11 12:25:52 2007 RPT1

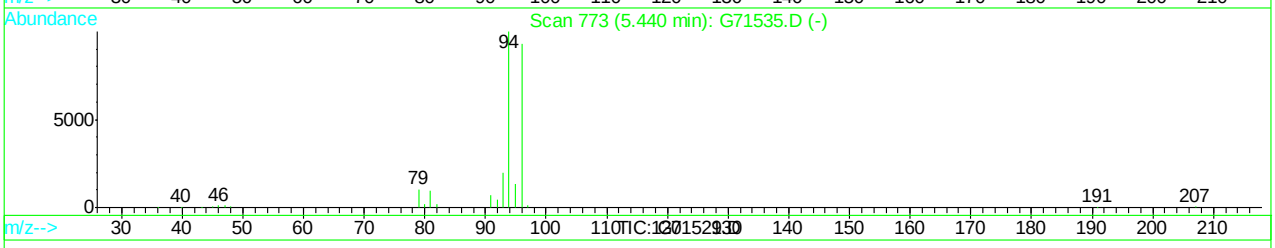
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71529.D Vial: 17
Acq On : 10 Jul 2007 11:38 pm Operator: kimt
Sample : ic2872-1 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:25 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:22:57 2007
Response via : Multiple Level Calibration







(8) bromomethane (M)

5.44min 0.00ppb

response 0

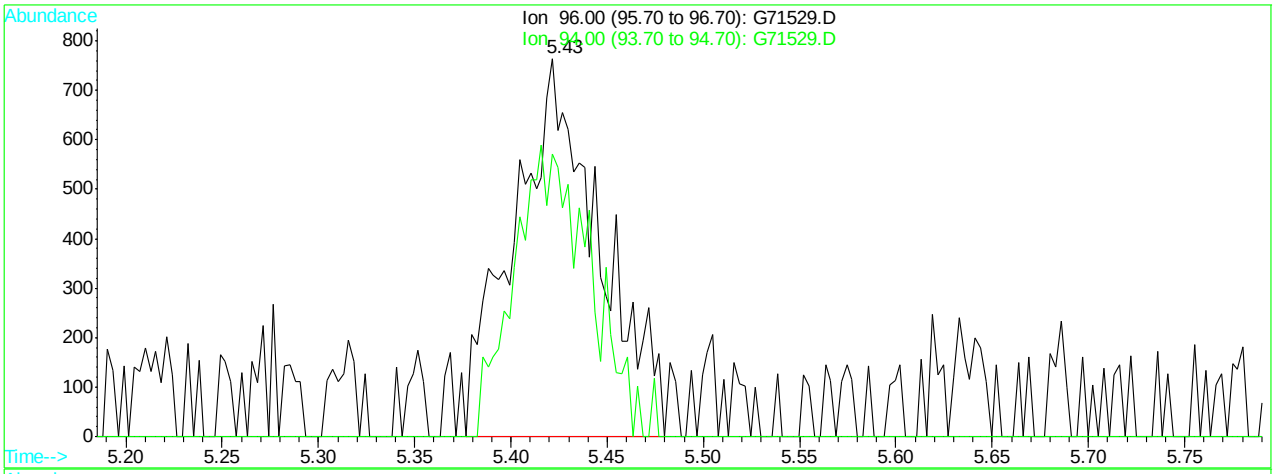
Ion	Exp%	Act%
96.00	100	0.00
94.00	107.30	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

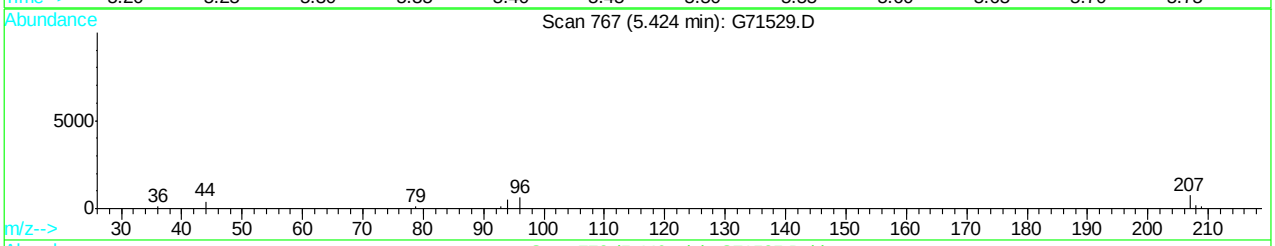
G71529.D G071007W.M Wed Jul 11 12:25:59 2007 RPT1

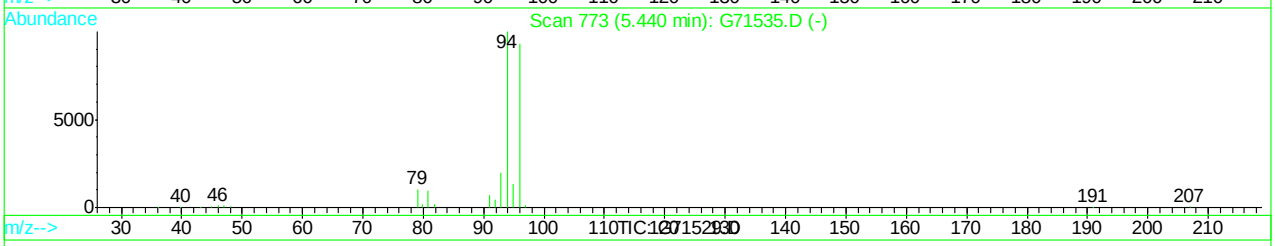
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71529.D Vial: 17
Acq On : 10 Jul 2007 11:38 pm Operator: kimt
Sample : ic2872-1 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:26 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:22:57 2007
Response via : Multiple Level Calibration







(8) bromomethane (M)

5.42min 1.70ppb m

response 2343

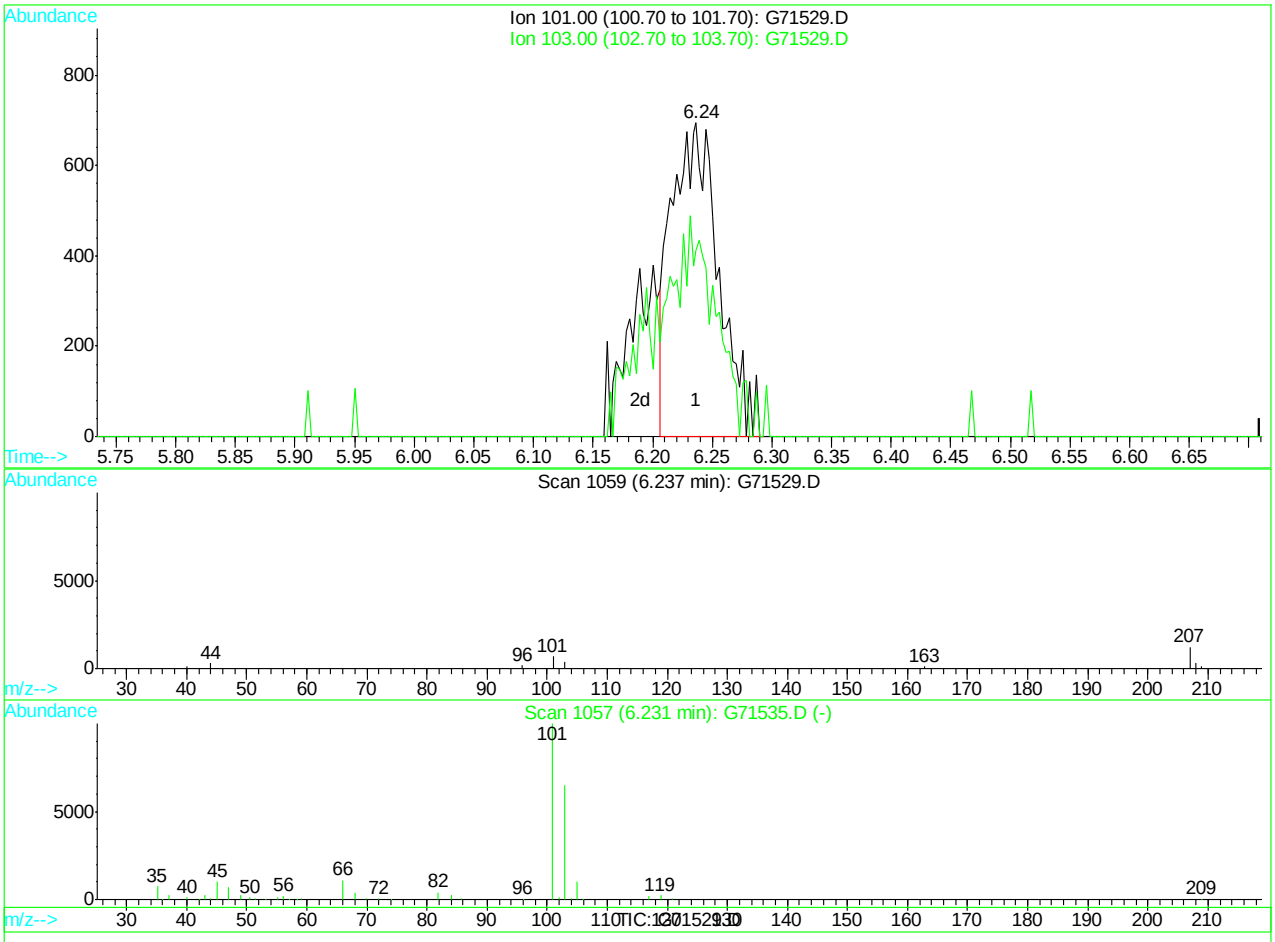
Ion	Exp%	Act%
96.00	100	100
94.00	107.30	87.72
0.00	0.00	0.00
0.00	0.00	0.00

G71529.D G071007W.M Wed Jul 11 12:26:10 2007 RPT1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71529.D Vial: 17
Acq On : 10 Jul 2007 11:38 pm Operator: kimt
Sample : ic2872-1 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:26 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:22:57 2007
Response via : Multiple Level Calibration



(12) trichlorofluoromethane (M)

6.24min 0.81ppb

response 1917

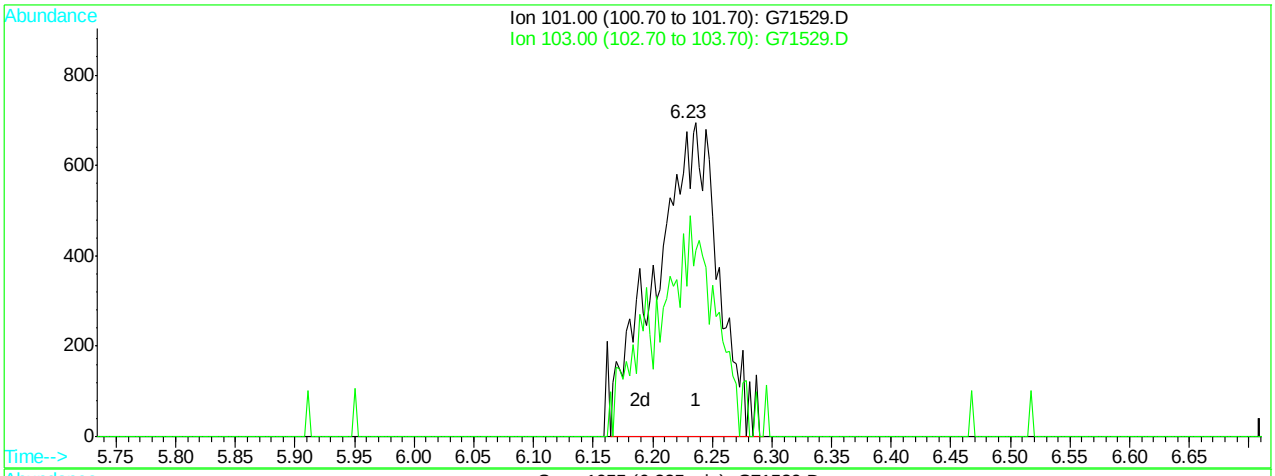
Ion	Exp%	Act%
101.00	100	100
103.00	64.70	59.37
0.00	0.00	0.00
0.00	0.00	0.00

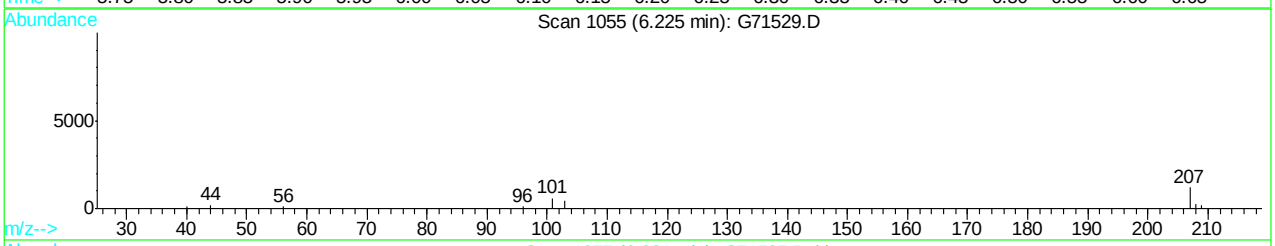
G71529.D G071007W.M Wed Jul 11 12:26:22 2007 RPT1

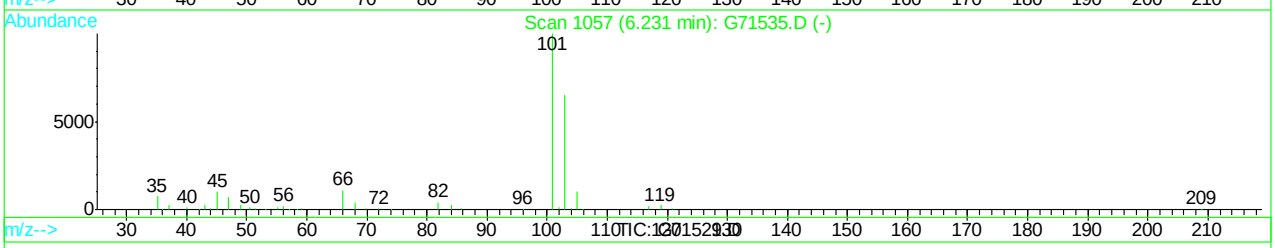
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71529.D Vial: 17
Acq On : 10 Jul 2007 11:38 pm Operator: kimt
Sample : ic2872-1 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:26 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:22:57 2007
Response via : Multiple Level Calibration







(12) trichlorofluoromethane (M)

6.23min 1.08ppb m

response 2547

Ion	Exp%	Act%
101.00	100	100
103.00	64.70	77.32
0.00	0.00	0.00
0.00	0.00	0.00

G71529.D G071007W.M Wed Jul 11 12:26:29 2007 RPT1

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani 07/19/07 15:51

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71530.D Vial: 18
Acq On : 11 Jul 2007 12:05 am Operator: kimt
Sample : ic2872-2 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:21 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:16:06 2007
Response via : Initial Calibration
DataAcq Meth : G8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.75	65	5778m	50.00	ppb	0.03
3) pentafluorobenzene	9.11	168	182105	50.00	ppb	0.00
43) 1,4-difluorobenzene	9.98	114	266533	50.00	ppb	0.00
66) chlorobenzene-d5	13.25	82	145429	50.00	ppb	0.00
80) 1,4-dichlorobenzene-d4	15.81	152	148721	50.00	ppb	0.00
System Monitoring Compounds						
40) dibromofluoromethane (s)	8.76	113	86295	51.32	ppb	0.00
Spiked Amount 50.000	Range 83 - 127		Recovery = 102.64%			
60) toluene-d8 (s)	11.79	98	335585	50.84	ppb	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 101.68%			
82) bromofluorobenzene (s)	14.47	95	133853	50.78	ppb	0.00
Spiked Amount 50.000	Range 81 - 119		Recovery = 101.56%			

Target Compounds							Qvalue
2) tertiary butyl alcohol	6.82	59	2809m	20.63	ppb		
5) dichlorodifluoromethane	4.44	85	2663	1.80	ppb		91
6) chloromethane	4.70	50	4184	2.28	ppb		78
7) vinyl chloride	4.95	62	3747	1.96	ppb		99
8) bromomethane	5.42	96	3479m	2.66	ppb		
9) chloroethane	5.57	64	2528	1.91	ppb		87
10) ethyl ether	6.42	59	3497	2.00	ppb	#	64
12) trichlorofluoromethane	6.22	101	4462	1.88	ppb		98
13) freon-113	6.99	101	2914	1.75	ppb		81
14) acrolein	6.17	56	2024	10.67	ppb		94
15) 1,1-dichloroethene	6.79	96	4125	2.39	ppb		95
17) Methyl Acetate	6.95	43	6167	2.08	ppb		98
18) methylene chloride	6.93	84	8002	3.53	ppb	#	70
19) methyl tert butyl ether	7.71	73	11923	2.04	ppb		96
20) acrylonitrile	6.82	53	8317	10.14	ppb		92
21) allyl chloride	7.02	41	6064	1.96	ppb		94
22) trans-1,2-dichloroethene	7.62	96	3667	1.92	ppb		85
23) iodomethane	6.85	142	6460	1.92	ppb		88
24) carbon disulfide	7.22	76	10904	1.91	ppb		90
26) vinyl acetate	7.96	43	4087	2.09	ppb		92
27) chloroprene	8.23	53	4008	1.64	ppb		90
28) di-isopropyl ether	8.27	45	14951	2.05	ppb		96
29) methacrylonitrile	8.38	41	2588	1.84	ppb		82
31) Hexane	8.26	41	5802	2.11	ppb		84
32) 1,1-dichloroethane	7.86	63	7140	2.09	ppb		88
33) tert-butyl ethyl ether	8.67	59	13277	1.96	ppb		96
34) isobutyl alcohol	8.68	43	1946m	8.97	ppb		
35) 2,2-dichloropropane	8.73	77	3992	2.02	ppb		96
36) cis-1,2-dichloroethene	8.43	96	4913	2.29	ppb		89
38) bromochloromethane	8.60	128	1998	1.87	ppb		84
39) chloroform	8.64	83	6731	2.01	ppb		88
41) Tetrahydrofuran	8.98	42	1330	1.97	ppb		75
42) 1,1,1-trichloroethane	9.40	97	5582	1.95	ppb		95
44) Cyclohexane	9.68	56	5907	1.62	ppb		97
45) carbon tetrachloride	9.76	117	4641	1.77	ppb		97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71530.D Vial: 18
Acq On : 11 Jul 2007 12:05 am Operator: kimt
Sample : ic2872-2 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:21 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:16:06 2007
Response via : Initial Calibration
DataAcq Meth : G8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
46)	1,1-dichloropropene	9.56	75	4453	1.79	ppb		97
47)	benzene	9.79	78	15290	1.99	ppb		97
48)	1,2-dichloroethane	9.28	62	5138	2.15	ppb		98
49)	tert-amyl methyl ether	9.91	73	12682	1.94	ppb		91
50)	heptane	10.27	43	4419	1.83	ppb		91
51)	trichloroethene	10.41	95	3917	1.87	ppb		92
52)	1,2-dichloropropane	10.37	63	3925	1.99	ppb		88
53)	dibromomethane	10.35	93	2624	2.16	ppb		89
54)	bromodichloromethane	10.46	83	5114	1.92	ppb		90
55)	Methylcyclohexane	10.93	83	5653	1.73	ppb		91
57)	methyl methacrylate	10.55	69	2216	1.55	ppb		78
59)	cis-1,3-dichloropropene	11.07	75	5485	1.82	ppb		91
61)	4-methyl-2-pentanone	11.18	43	3995	1.85	ppb	#	83
62)	toluene	11.86	92	10188	2.07	ppb		95
63)	trans-1,3-dichloropropene	11.49	75	4914	1.87	ppb		97
64)	1,1,2-trichloroethane	11.67	83	2876	1.89	ppb		99
65)	ethyl methacrylate	11.87	69	3956	1.51	ppb		81
67)	tetrachloroethene	12.60	166	3803	1.67	ppb		87
68)	1,3-dichloropropane	11.90	76	6550	2.02	ppb		96
69)	dibromochloromethane	12.20	129	4169	1.85	ppb		97
70)	1,2-dibromoethane	12.45	107	3603	1.84	ppb		93
71)	2-hexanone	12.04	43	2567	1.63	ppb	#	59
72)	chlorobenzene	13.28	112	11834	2.01	ppb		95
73)	1,1,1,2-tetrachloroethane	13.20	131	3822	1.84	ppb		95
74)	ethylbenzene	13.46	91	17461	1.80	ppb		97
75)	m,p-xylene	13.64	106	16208	4.10	ppb		98
76)	o-xylene	14.05	106	6963	1.79	ppb		92
77)	styrene	13.98	104	8335	1.38	ppb		97
78)	bromoform	13.81	173	2822	1.66	ppb		86
79)	trans-1,4-dichloro-2-buten	14.20	53	678	1.24	ppb	#	91
81)	isopropylbenzene	14.42	105	15492	1.78	ppb		96
83)	bromobenzene	14.71	156	5294	1.90	ppb		98
84)	1,1,2,2-tetrachloroethane	14.05	83	4427	2.02	ppb		92
85)	1,2,3-trichloropropane	14.20	75	4949	1.76	ppb		77
86)	n-propylbenzene	14.86	91	20778	1.79	ppb		97
87)	2-chlorotoluene	14.98	91	13208	1.88	ppb		97
88)	4-chlorotoluene	15.06	91	13406	1.87	ppb		100
89)	1,3,5-trimethylbenzene	15.14	105	14211	1.75	ppb		99
90)	tert-butylbenzene	15.45	91	7818	1.79	ppb		86
91)	1,2,4-trimethylbenzene	15.55	105	15055	1.80	ppb		97
92)	sec-butylbenzene	15.67	105	18270	1.76	ppb		97
93)	1,3-dichlorobenzene	15.77	146	9371	1.89	ppb		97
94)	p-isopropyltoluene	15.84	119	15753	1.78	ppb		95
95)	1,4-dichlorobenzene	15.84	146	9924	1.88	ppb		94
96)	1,2-dichlorobenzene	16.20	146	8649	1.90	ppb		90
97)	n-butylbenzene	16.26	91	13597	1.74	ppb		100
98)	1,2-dibromo-3-chloropropan	16.68	75	747	2.15	ppb	#	83
99)	1,2,4-trichlorobenzene	18.09	180	5109	1.94	ppb		97
100)	hexachlorobutadiene	18.40	225	2810	1.91	ppb		88

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71530.D Vial: 18
Acq On : 11 Jul 2007 12:05 am Operator: kimt
Sample : ic2872-2 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:21 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:16:06 2007
Response via : Initial Calibration
DataAcq Meth : G8260

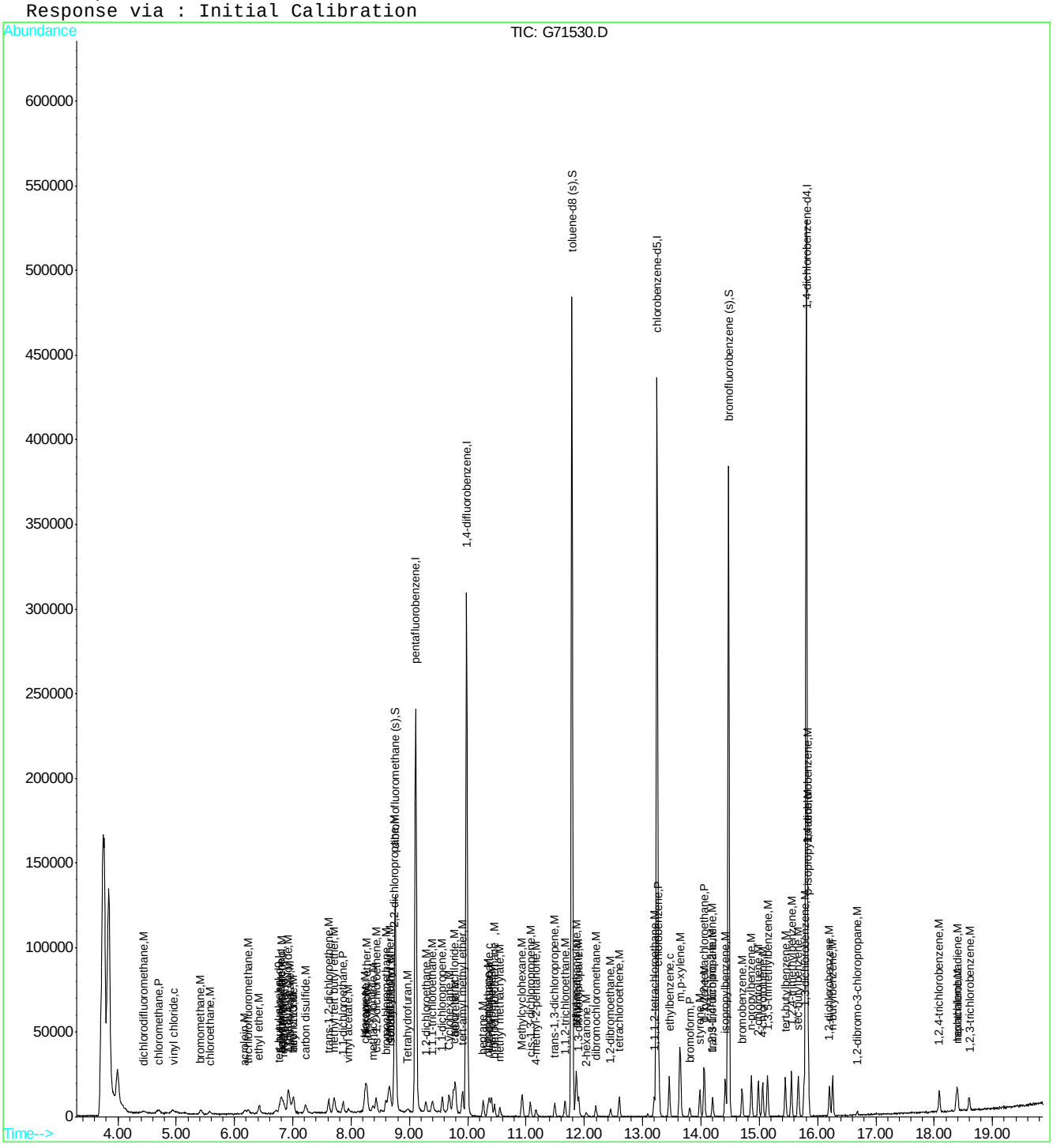
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
101) naphthalene	18.38	128	8900	1.89 ppb	100
102) 1,2,3-trichlorobenzene	18.60	180	3253	1.98 ppb	94

(#) = qualifier out of range (m) = manual integration
G71530.D G071007W.M Wed Jul 11 12:23:08 2007 RPT1 Page 3

Quantitation Report

Data File : C:\HPCHEM\1\DATA\G71530.D Vial: 18
Acq On : 11 Jul 2007 12:05 am Operator: kimt
Sample : ic2872-2 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:21 2007 Quant Results File: G071007W.RES

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:22:57 2007
Response via : Initial Calibration

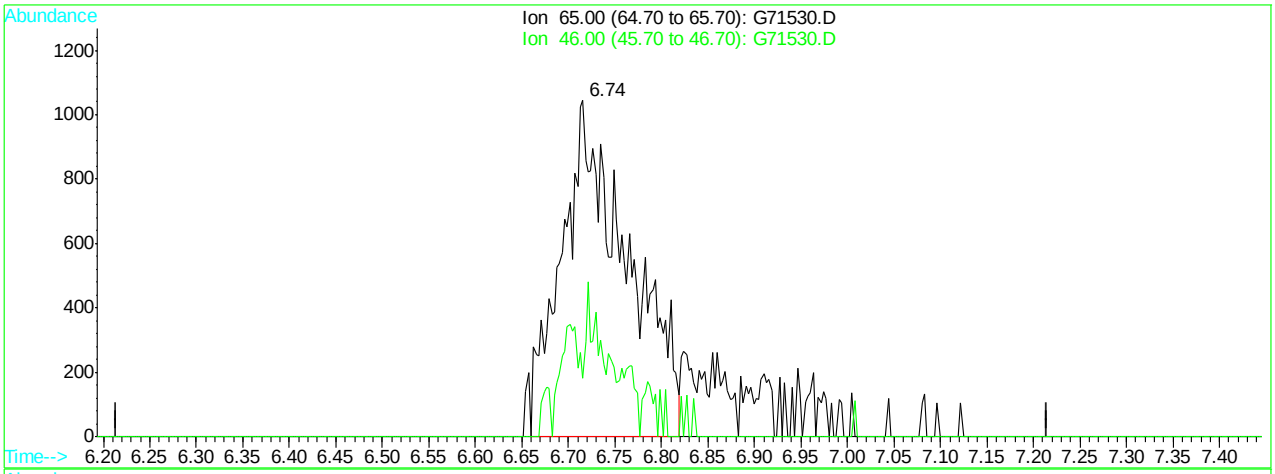


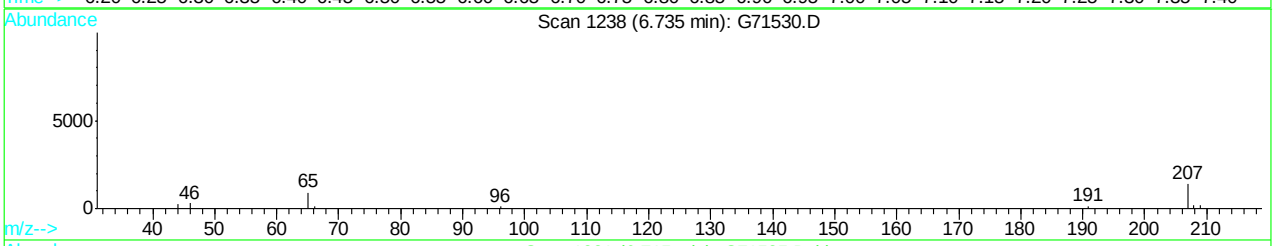
ACCUTEST Laboratories M66438

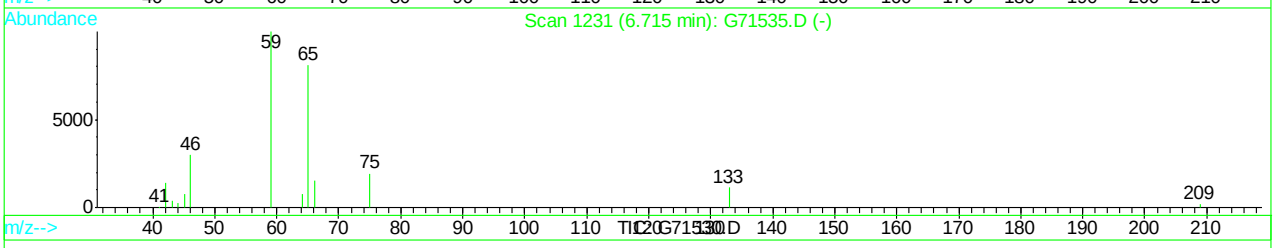
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71530.D Vial: 18
Acq On : 11 Jul 2007 12:05 am Operator: kimt
Sample : ic2872-2 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:18 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:16:06 2007
Response via : Multiple Level Calibration







(1) tert butyl alcohol-d9 (I)

6.74min 50.00ppb

response 5103

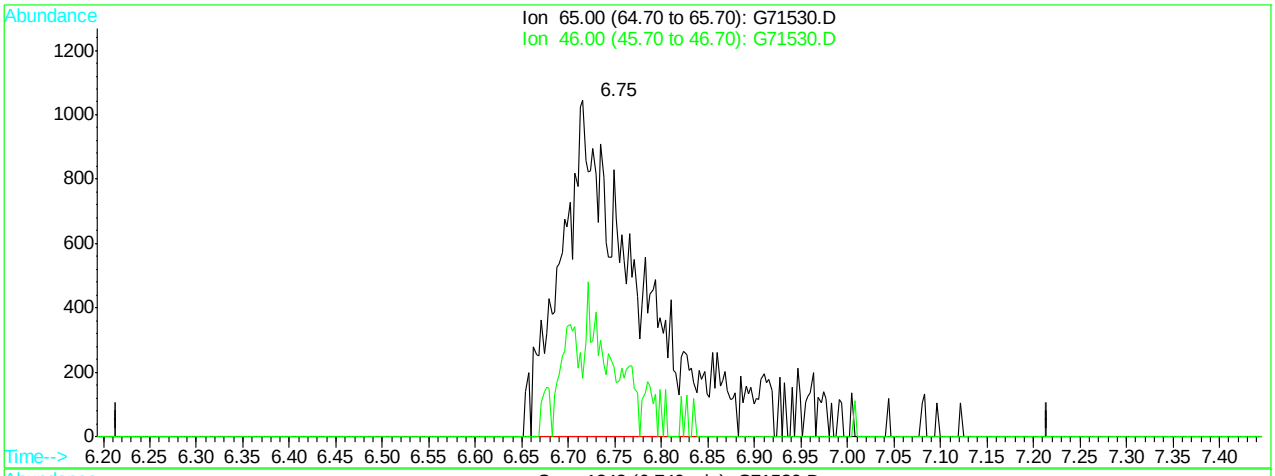
Ion	Exp%	Act%
65.00	100	100
46.00	36.90	33.15
0.00	0.00	0.00
0.00	0.00	0.00

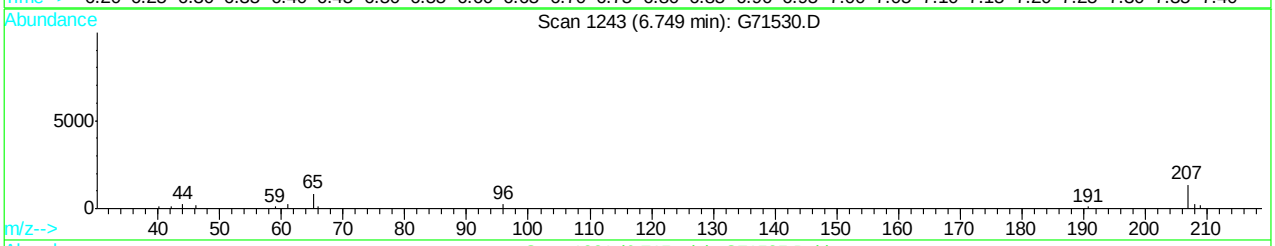
G71530.D G071007W.M Wed Jul 11 12:19:47 2007 RPT1

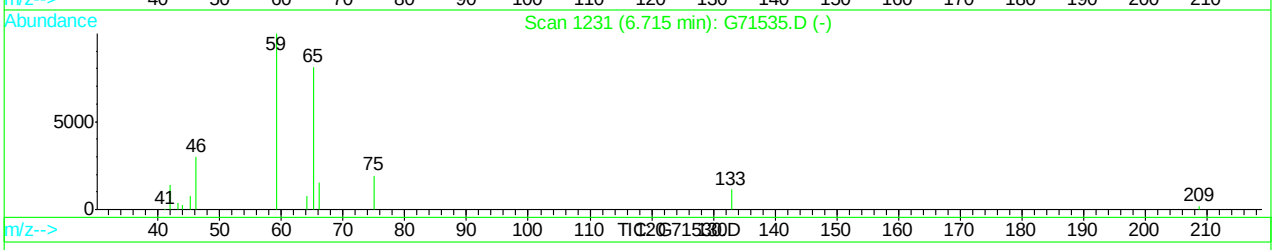
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71530.D Vial: 18
Acq On : 11 Jul 2007 12:05 am Operator: kimt
Sample : ic2872-2 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:20 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:16:06 2007
Response via : Multiple Level Calibration







(1) tert butyl alcohol-d9 (I)

6.75min 50.00ppb m

response 5778

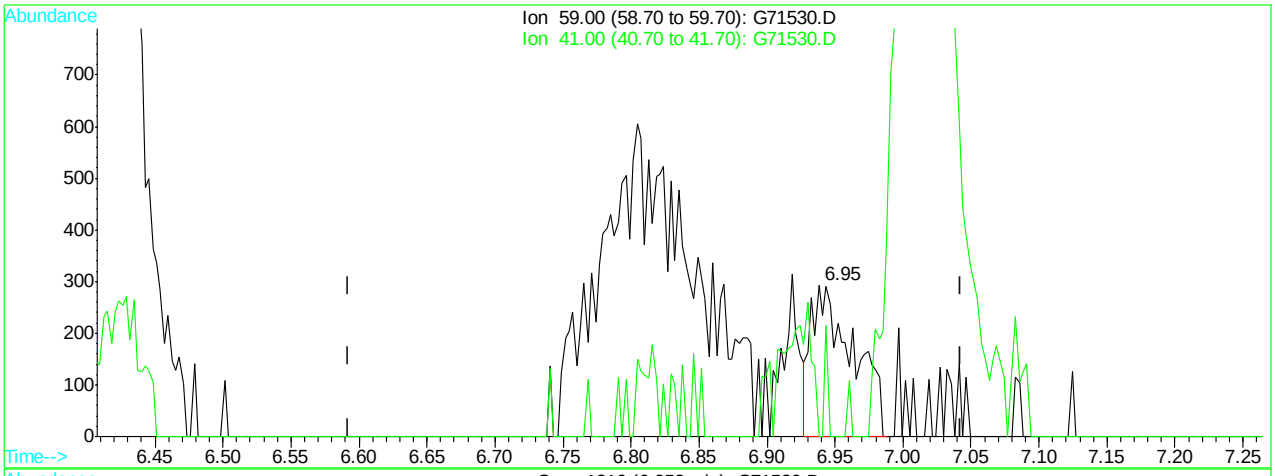
Ion	Exp%	Act%
65.00	100	100
46.00	36.90	26.18
0.00	0.00	0.00
0.00	0.00	0.00

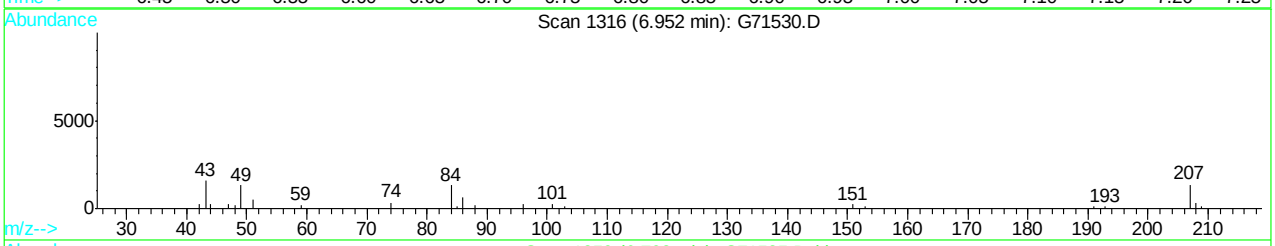
G71530.D G071007W.M Wed Jul 11 12:20:06 2007 RPT1

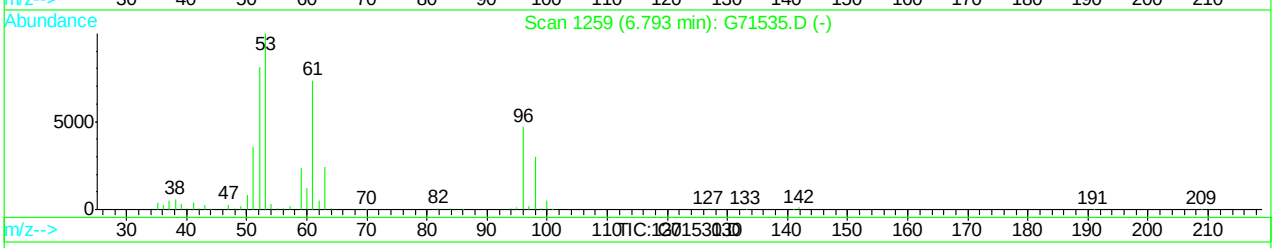
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71530.D Vial: 18
Acq On : 11 Jul 2007 12:05 am Operator: kimt
Sample : ic2872-2 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:20 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:16:06 2007
Response via : Multiple Level Calibration







(2) tertiary butyl alcohol (M)

6.95min 4.62ppb

response 629

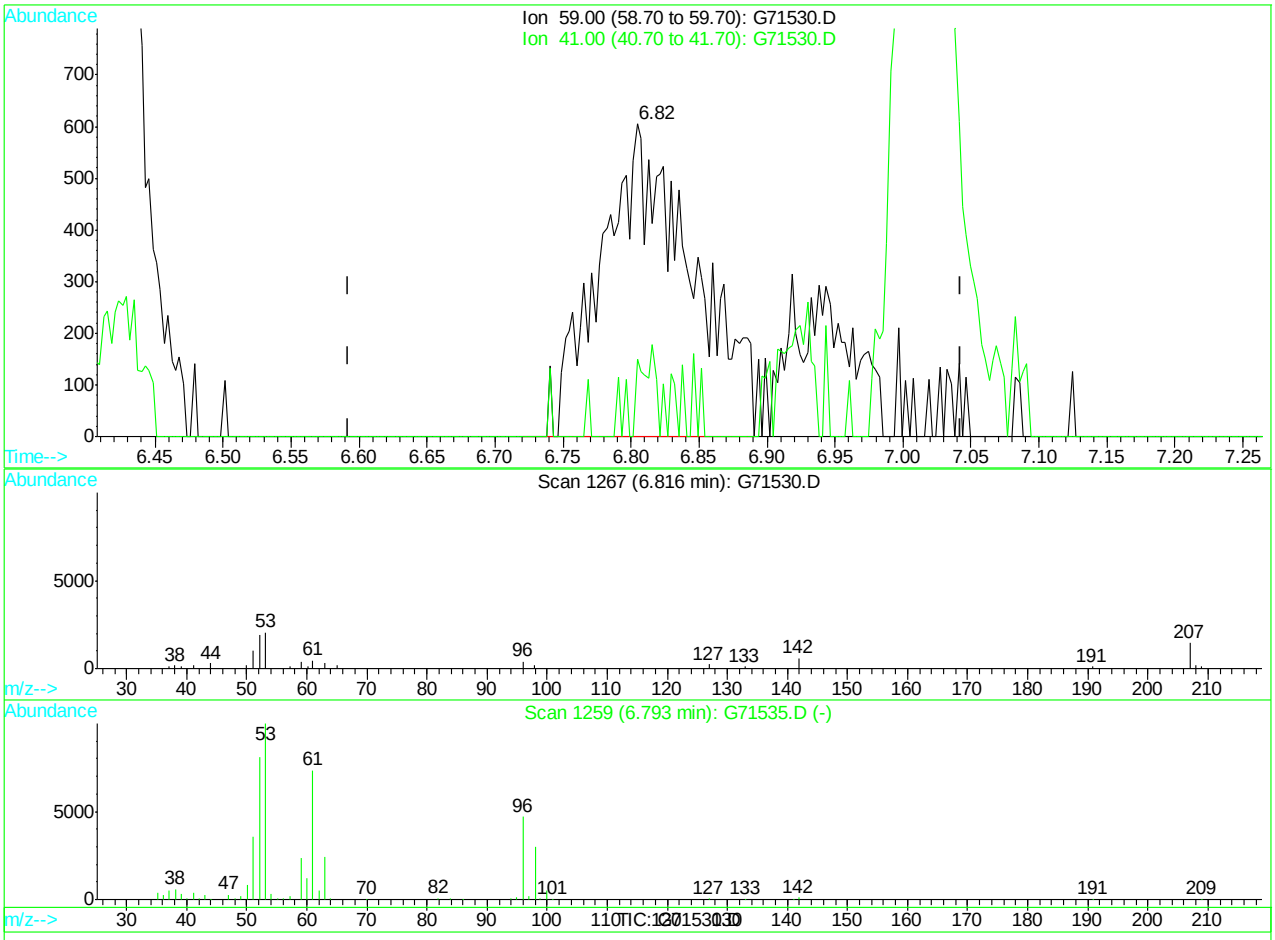
Ion	Exp%	Act%
59.00	100	100
41.00	18.40	0.00
0.00	0.00	0.00
0.00	0.00	0.00

G71530.D G071007W.M Wed Jul 11 12:20:13 2007 RPT1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71530.D Vial: 18
Acq On : 11 Jul 2007 12:05 am Operator: kimt
Sample : ic2872-2 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:20 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:16:06 2007
Response via : Multiple Level Calibration



(2) tertiary butyl alcohol (M)

6.82min 20.63ppb

response 2809

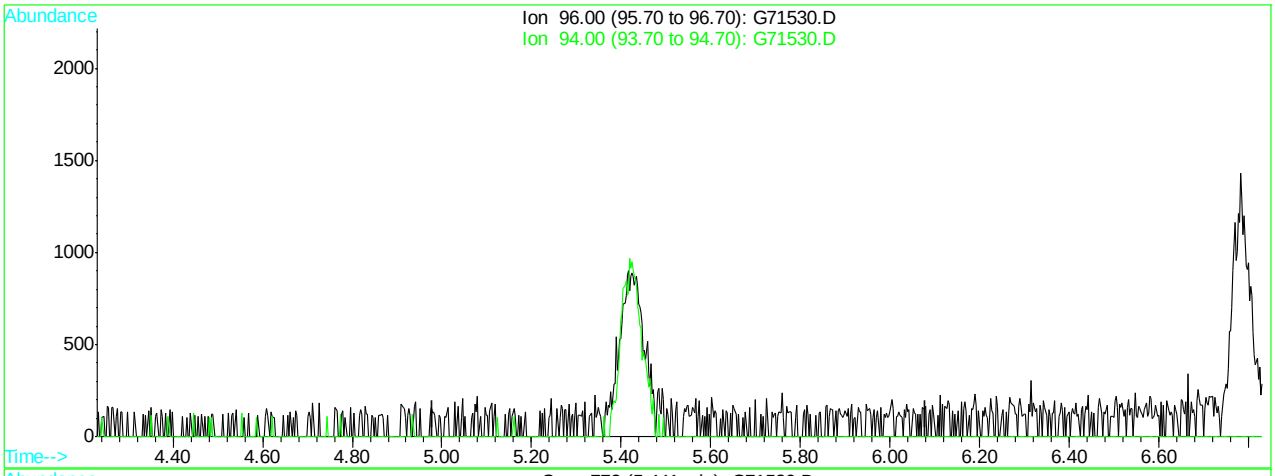
Ion	Exp%	Act%
59.00	100	100
41.00	18.40	43.45
0.00	0.00	0.00
0.00	0.00	0.00

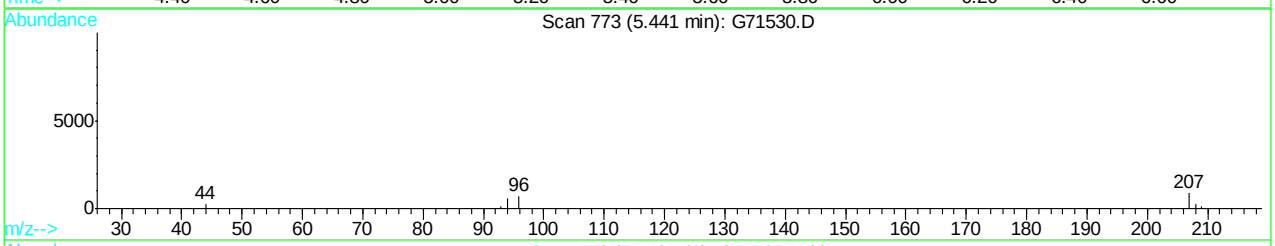
G71530.D G071007W.M Wed Jul 11 12:20:21 2007 RPT1

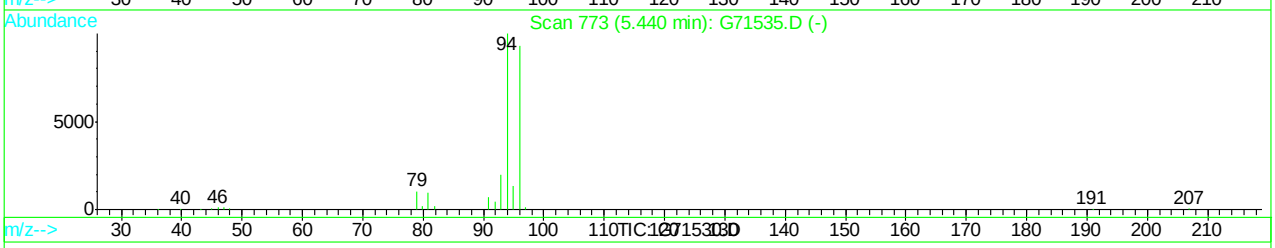
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71530.D Vial: 18
Acq On : 11 Jul 2007 12:05 am Operator: kimt
Sample : ic2872-2 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:20 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:16:06 2007
Response via : Multiple Level Calibration







(8) bromomethane (M)

5.44min 0.00ppb

response 0

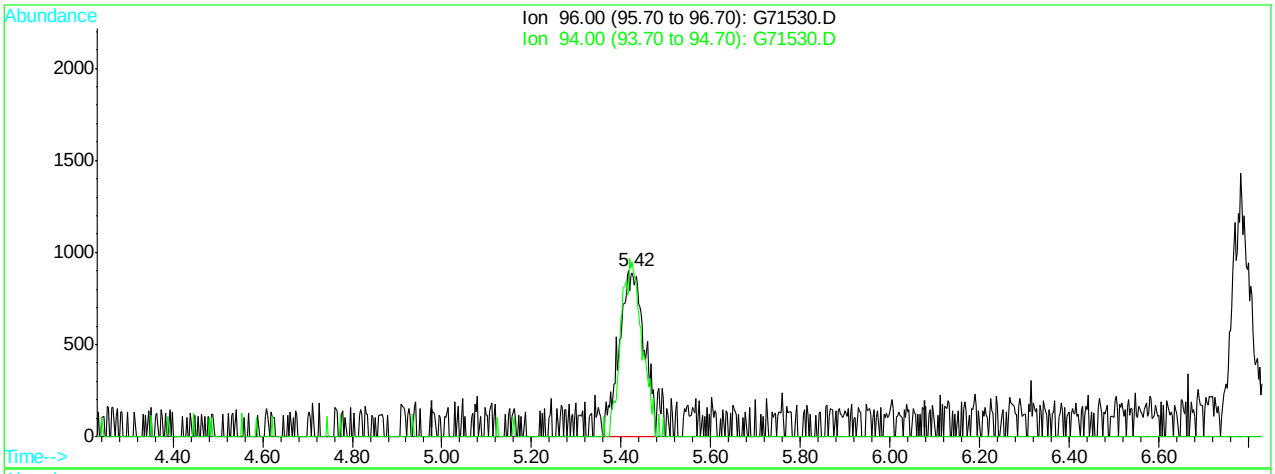
Ion	Exp%	Act%
96.00	100	0.00
94.00	107.30	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

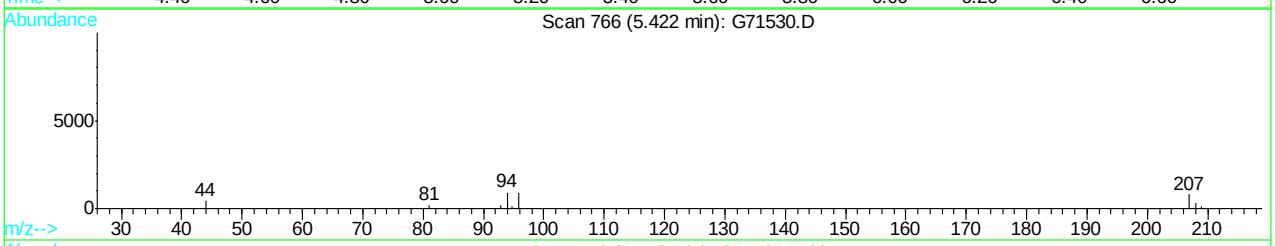
G71530.D G071007W.M Wed Jul 11 12:20:51 2007 RPT1

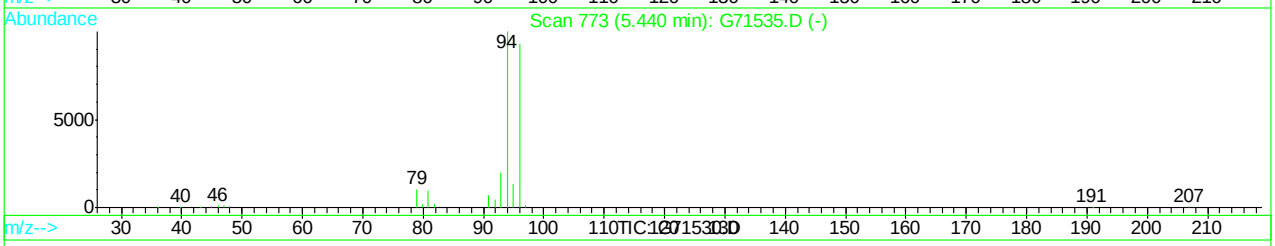
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71530.D Vial: 18
Acq On : 11 Jul 2007 12:05 am Operator: kimt
Sample : ic2872-2 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:20 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:16:06 2007
Response via : Multiple Level Calibration







(8) bromomethane (M)

5.42min 2.66ppb m

response 3479

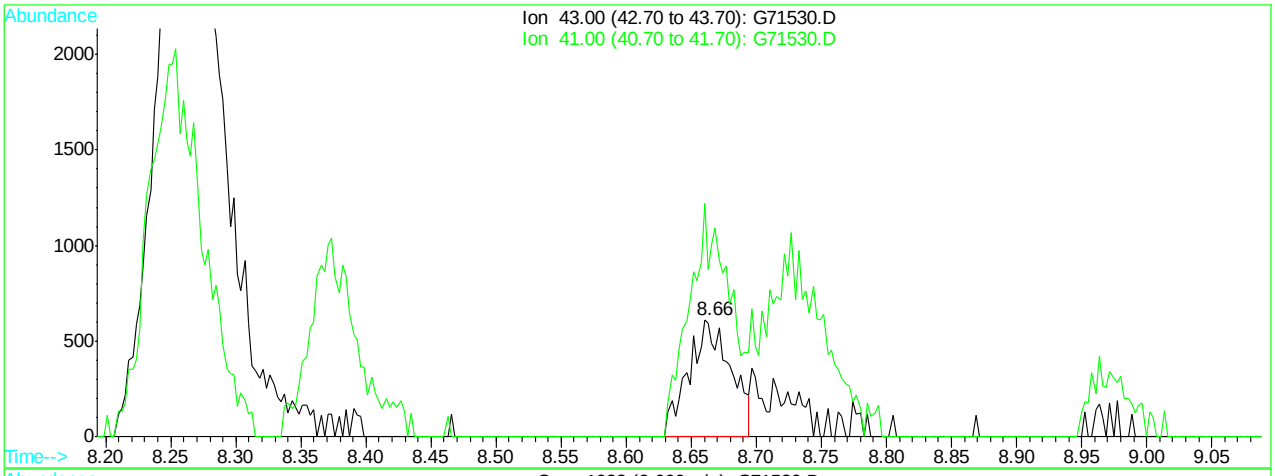
Ion	Exp%	Act%
96.00	100	100
94.00	107.30	105.05
0.00	0.00	0.00
0.00	0.00	0.00

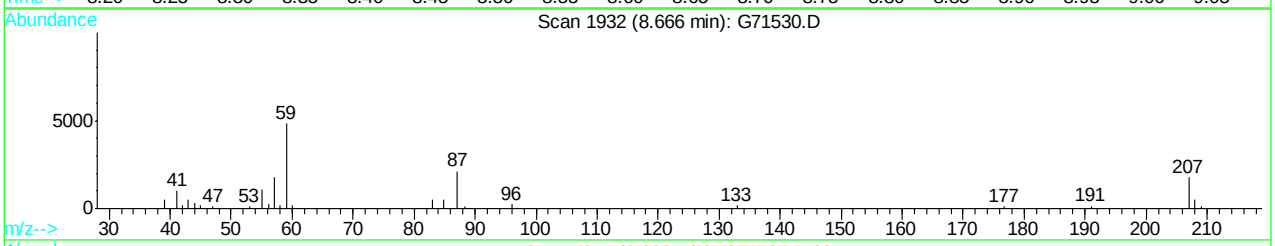
G71530.D G071007W.M Wed Jul 11 12:20:59 2007 RPT1

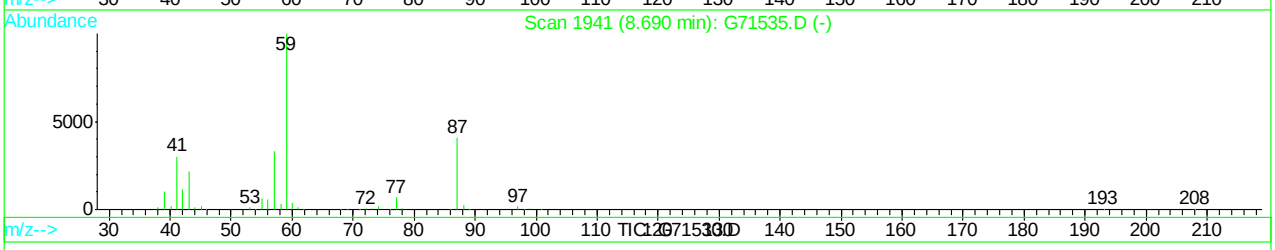
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71530.D Vial: 18
Acq On : 11 Jul 2007 12:05 am Operator: kimt
Sample : ic2872-2 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:21 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:16:06 2007
Response via : Multiple Level Calibration







(34) isobutyl alcohol (M)

8.66min 6.25ppb

response 1356

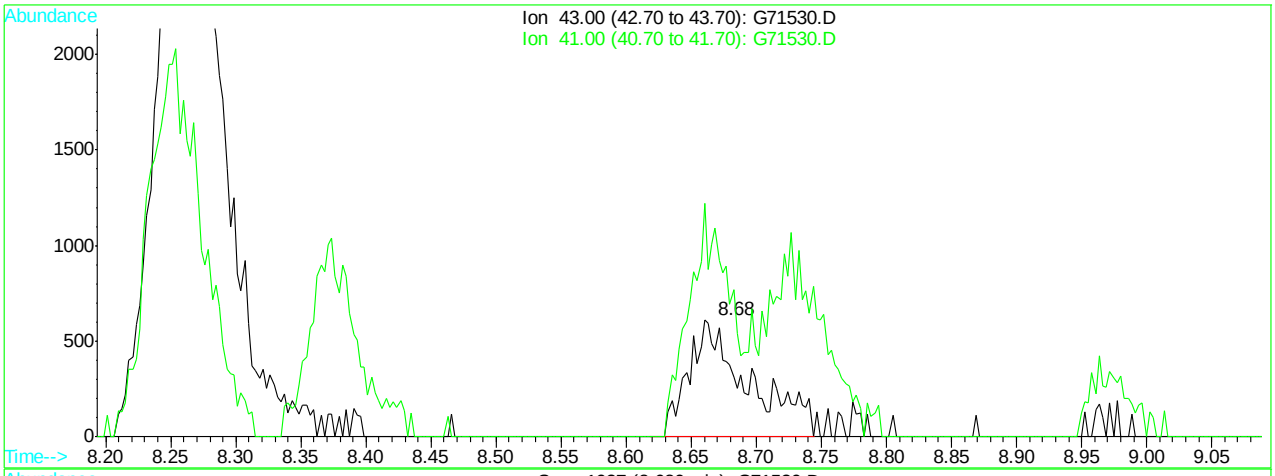
Ion	Exp%	Act%
43.00	100	100
41.00	139.20	204.90#
0.00	0.00	0.00
0.00	0.00	0.00

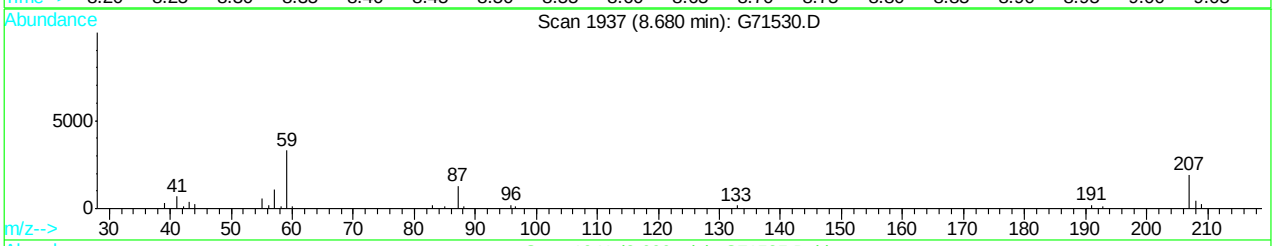
G71530.D G071007W.M Wed Jul 11 12:21:41 2007 RPT1

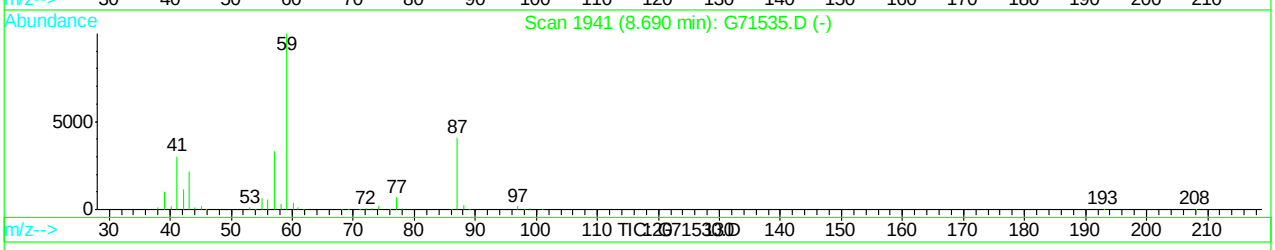
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71530.D Vial: 18
Acq On : 11 Jul 2007 12:05 am Operator: kimt
Sample : ic2872-2 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:21 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:16:06 2007
Response via : Multiple Level Calibration







(34) isobutyl alcohol (M)

8.68min 8.97ppb m

response 1946

Ion	Exp%	Act%
43.00	100	100
41.00	139.20	184.31#
0.00	0.00	0.00
0.00	0.00	0.00

G71530.D G071007W.M Wed Jul 11 12:21:48 2007 RPT1

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani 07/19/07 15:51

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71531.D Vial: 19
Acq On : 11 Jul 2007 12:31 am Operator: kimt
Sample : ic2872-5 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:14 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:08:42 2007
Response via : Initial Calibration
DataAcq Meth : G8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.75	65	6882m	50.00	ppb	0.03
3) pentafluorobenzene	9.11	168	182055	50.00	ppb	0.00
43) 1,4-difluorobenzene	9.98	114	270775	50.00	ppb	0.00
66) chlorobenzene-d5	13.24	82	148358	50.00	ppb	0.00
80) 1,4-dichlorobenzene-d4	15.81	152	150138	50.00	ppb	0.00
System Monitoring Compounds						
40) dibromofluoromethane (s)	8.76	113	85941	51.35	ppb	0.00
Spiked Amount 50.000	Range 83 - 127		Recovery = 102.70%			
60) toluene-d8 (s)	11.79	98	341738	51.16	ppb	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 102.32%			
82) bromofluorobenzene (s)	14.47	95	134847	50.81	ppb	0.00
Spiked Amount 50.000	Range 81 - 119		Recovery = 101.62%			

Target Compounds							Qvalue
2) tertiary butyl alcohol	6.81	59	7698m	46.98	ppb		
4) Ethanol	5.63	45	6127m	389.37	ppb		
5) dichlorodifluoromethane	4.44	85	7595	5.15	ppb		91
6) chloromethane	4.70	50	10194	5.69	ppb		97
7) vinyl chloride	4.95	62	10180	5.39	ppb		100
8) bromomethane	5.43	96	8050	6.46	ppb		92
9) chloroethane	5.58	64	7078	5.43	ppb		96
10) ethyl ether	6.42	59	9288	5.38	ppb		99
11) acetonitrile	6.18	41	2465m	7.13	ppb		
12) trichlorofluoromethane	6.22	101	11705	4.92	ppb		95
13) freon-113	6.99	101	7854	4.66	ppb		99
14) acrolein	6.17	56	5928	32.90	ppb		94
15) 1,1-dichloroethene	6.79	96	8463	4.88	ppb		89
16) acetone	6.31	43	3887m	6.23	ppb		
17) Methyl Acetate	6.95	43	15992	5.48	ppb	#	95
18) methylene chloride	6.93	84	14553	6.80	ppb		83
19) methyl tert butyl ether	7.71	73	30392	5.24	ppb		93
20) acrylonitrile	6.82	53	21534	26.52	ppb		96
21) allyl chloride	7.02	41	16329	5.34	ppb		94
22) trans-1,2-dichloroethene	7.61	96	9199	4.79	ppb		98
23) iodomethane	6.85	142	17097	5.10	ppb		99
24) carbon disulfide	7.22	76	28531	5.01	ppb		94
25) propionitrile	6.81	54	431m	3.00	ppb		
26) vinyl acetate	7.96	43	7352	3.58	ppb		97
27) chloroprene	8.23	53	11726	4.75	ppb		87
28) di-isopropyl ether	8.27	45	40076	5.62	ppb		94
29) methacrylonitrile	8.38	41	7558	5.47	ppb		75
30) 2-butanone	8.27	72	1197	4.51	ppb	#	1
31) Hexane	8.26	41	14470	5.32	ppb	#	81
32) 1,1-dichloroethane	7.86	63	17978	5.31	ppb		98
33) tert-butyl ethyl ether	8.67	59	35270	5.25	ppb		95
34) isobutyl alcohol	8.68	43	5467	25.24	ppb	#	64
35) 2,2-dichloropropane	8.73	77	10359	5.28	ppb		95
36) cis-1,2-dichloroethene	8.43	96	10857	5.07	ppb		97
38) bromochloromethane	8.60	128	5235	4.87	ppb		90

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71531.D Vial: 19
Acq On : 11 Jul 2007 12:31 am Operator: kimt
Sample : ic2872-5 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:14 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:08:42 2007
Response via : Initial Calibration
DataAcq Meth : G8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
39)	chloroform	8.64	83	17587	5.31	ppb		90
41)	Tetrahydrofuran	8.97	42	3561	5.34	ppb		80
42)	1,1,1-trichloroethane	9.40	97	14305	4.99	ppb		93
44)	Cyclohexane	9.68	56	15639	4.10	ppb		95
45)	carbon tetrachloride	9.76	117	12328	4.56	ppb		80
46)	1,1-dichloropropene	9.56	75	12261	4.81	ppb		96
47)	benzene	9.79	78	40047	5.17	ppb		98
48)	1,2-dichloroethane	9.28	62	13216	5.54	ppb		97
49)	tert-amyl methyl ether	9.91	73	33172	4.99	ppb		94
50)	heptane	10.27	43	11152	4.47	ppb		94
51)	trichloroethene	10.41	95	10768	5.06	ppb		93
52)	1,2-dichloropropane	10.37	63	10685	5.40	ppb		95
53)	dibromomethane	10.34	93	6400	5.23	ppb		89
54)	bromodichloromethane	10.46	83	14002	5.20	ppb		98
55)	Methylcyclohexane	10.93	83	14357	4.21	ppb		100
56)	2-chloroethyl vinyl ether	10.83	63	896	4.39	ppb	#	45
57)	methyl methacrylate	10.55	69	6786	4.60	ppb		93
58)	1,4-dioxane	10.57	88	232m	13.18	ppb		
59)	cis-1,3-dichloropropene	11.07	75	15470	5.06	ppb		94
61)	4-methyl-2-pentanone	11.18	43	11037	5.03	ppb		93
62)	toluene	11.86	92	26115	5.26	ppb		96
63)	trans-1,3-dichloropropene	11.49	75	13250	4.96	ppb		93
64)	1,1,2-trichloroethane	11.67	83	7943	5.17	ppb		95
65)	ethyl methacrylate	11.87	69	12275	4.53	ppb		75
67)	tetrachloroethene	12.60	166	10733	4.55	ppb		97
68)	1,3-dichloropropane	11.90	76	17469	5.35	ppb		96
69)	dibromochloromethane	12.20	129	10941	4.72	ppb		87
70)	1,2-dibromoethane	12.45	107	9993	5.01	ppb		100
71)	2-hexanone	12.04	43	7723	4.78	ppb		93
72)	chlorobenzene	13.28	112	29687	4.93	ppb		94
73)	1,1,1,2-tetrachloroethane	13.20	131	9926	4.63	ppb		92
74)	ethylbenzene	13.46	91	47084	4.71	ppb		98
75)	m,p-xylene	13.64	106	39351	9.72	ppb		96
76)	o-xylene	14.05	106	18962	4.74	ppb		91
77)	styrene	13.98	104	26689	4.22	ppb		95
78)	bromoform	13.81	173	7613	4.28	ppb		88
79)	trans-1,4-dichloro-2-buten	14.19	53	2260	3.91	ppb	#	61
81)	isopropylbenzene	14.42	105	41462	4.66	ppb		99
83)	bromobenzene	14.70	156	13719	4.85	ppb		97
84)	1,1,2,2-tetrachloroethane	14.05	83	10409	4.64	ppb		99
85)	1,2,3-trichloropropane	14.20	75	13365	4.66	ppb		93
86)	n-propylbenzene	14.86	91	54739	4.62	ppb		95
87)	2-chlorotoluene	14.98	91	35086	4.95	ppb		99
88)	4-chlorotoluene	15.06	91	36144	4.99	ppb		97
89)	1,3,5-trimethylbenzene	15.14	105	38598	4.65	ppb		99
90)	tert-butylbenzene	15.45	91	21082	4.73	ppb		89
91)	1,2,4-trimethylbenzene	15.55	105	40506	4.74	ppb		100
92)	sec-butylbenzene	15.67	105	48270	4.55	ppb		100
93)	1,3-dichlorobenzene	15.77	146	23961	4.75	ppb		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71531.D Vial: 19
Acq On : 11 Jul 2007 12:31 am Operator: kimt
Sample : ic2872-5 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:14 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:08:42 2007
Response via : Initial Calibration
DataAcq Meth : G8260

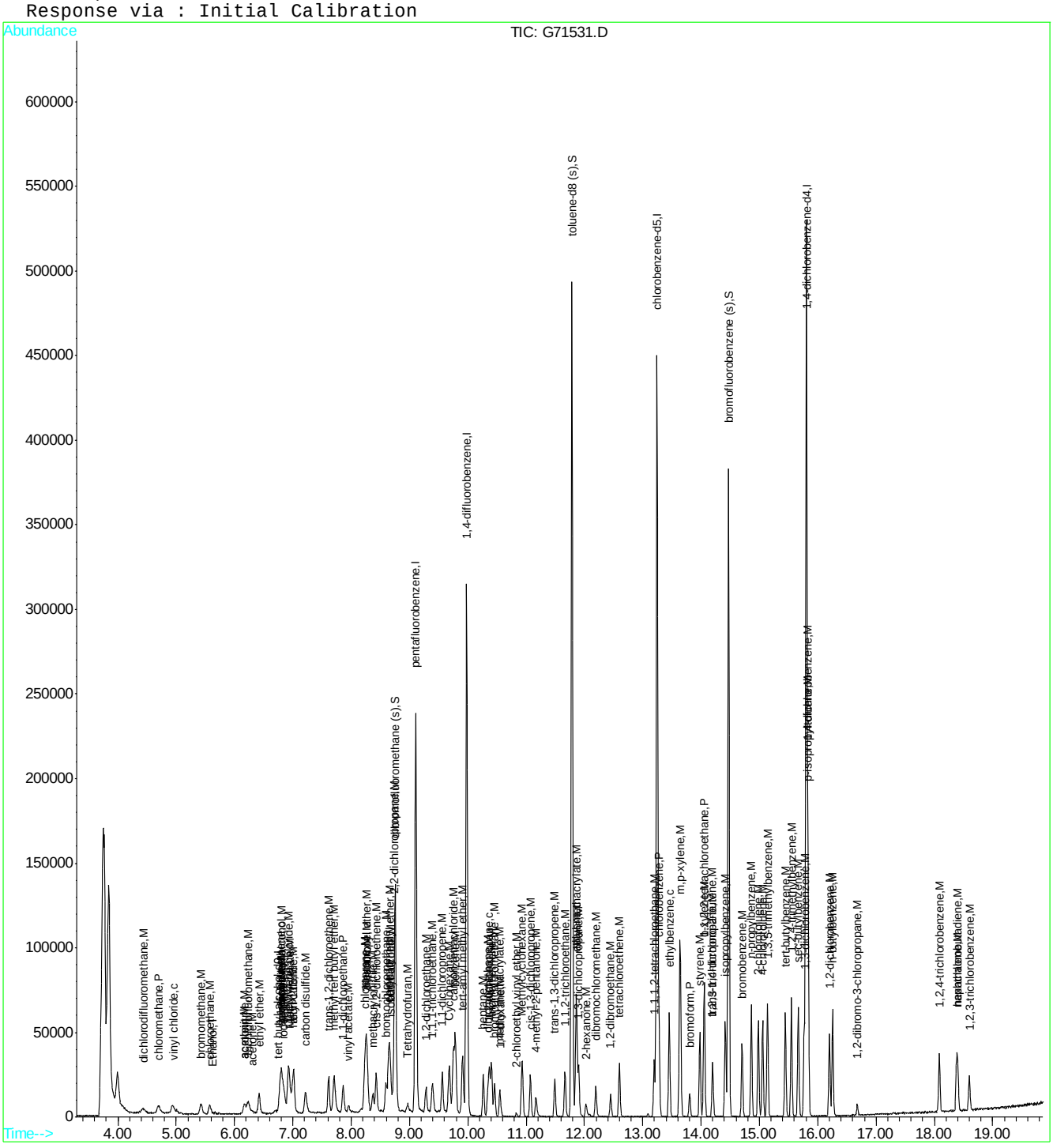
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
94)	p-isopropyltoluene	15.84	119	41451	4.57	ppb		98
95)	1,4-dichlorobenzene	15.83	146	26604	4.98	ppb		97
96)	1,2-dichlorobenzene	16.20	146	22786	4.96	ppb		99
97)	n-butylbenzene	16.26	91	36833	4.59	ppb		94
98)	1,2-dibromo-3-chloropropan	16.68	75	1847	5.33	ppb	#	69
99)	1,2,4-trichlorobenzene	18.09	180	13325	5.02	ppb		99
100)	hexachlorobutadiene	18.40	225	7185	4.82	ppb		95
101)	naphthalene	18.38	128	23122	4.85	ppb		100
102)	1,2,3-trichlorobenzene	18.60	180	8180	4.93	ppb		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\G71531.D Vial: 19
Acq On : 11 Jul 2007 12:31 am Operator: kimt
Sample : ic2872-5 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:14 2007 Quant Results File: G071007W.RES

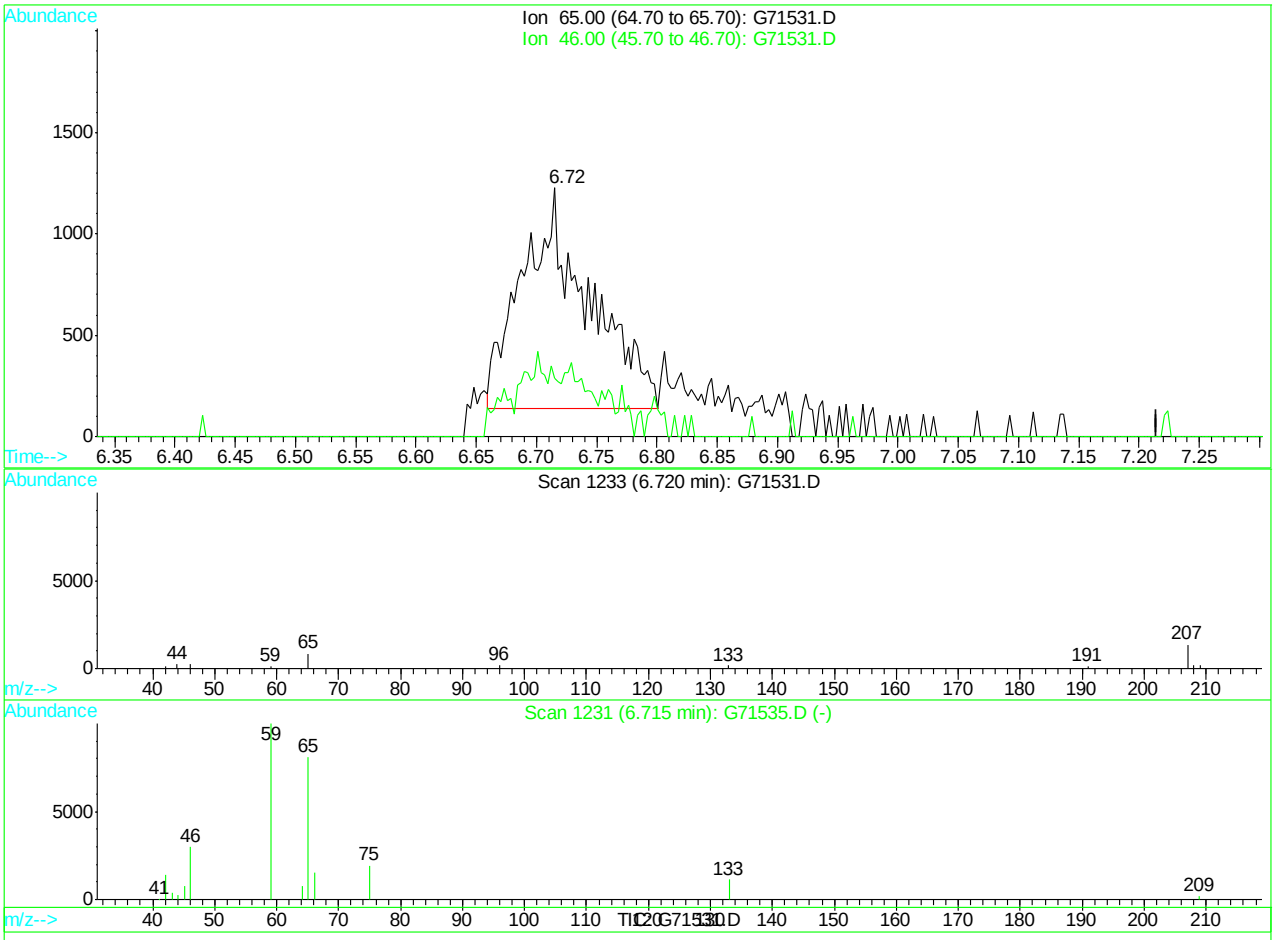
Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:16:06 2007
Response via : Initial Calibration



Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71531.D Vial: 19
Acq On : 11 Jul 2007 12:31 am Operator: kimt
Sample : ic2872-5 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:10 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:08:42 2007
Response via : Multiple Level Calibration



(1) tert butyl alcohol-d9 (I)

6.72min 50.00ppb

response 4182

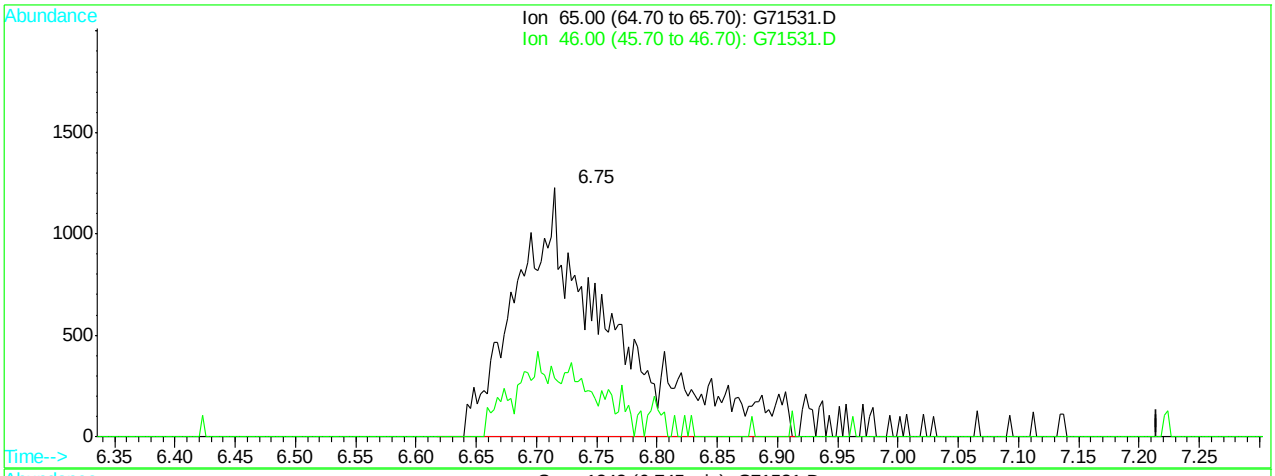
Ion	Exp%	Act%
65.00	100	100
46.00	36.90	18.08
0.00	0.00	0.00
0.00	0.00	0.00

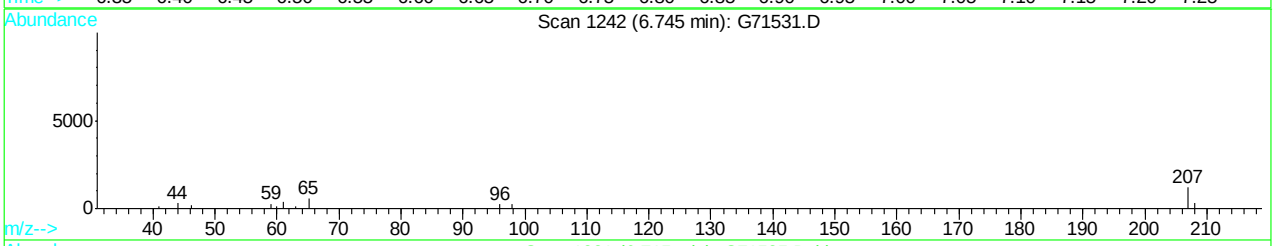
G71531.D G071007W.M Wed Jul 11 12:11:58 2007 RPT1

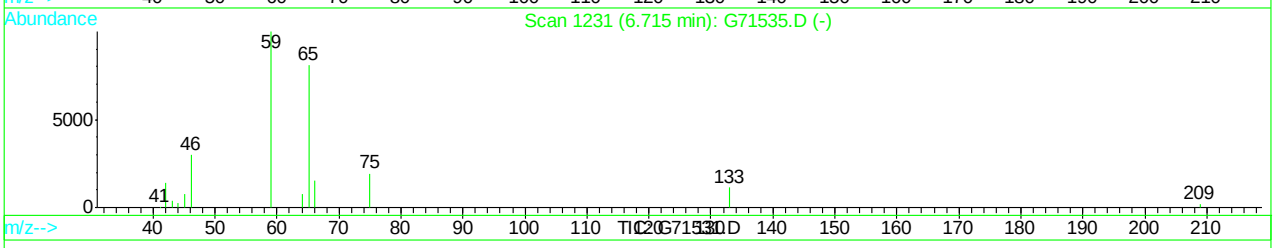
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71531.D Vial: 19
Acq On : 11 Jul 2007 12:31 am Operator: kimt
Sample : ic2872-5 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:12 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:08:42 2007
Response via : Multiple Level Calibration







(1) tert butyl alcohol-d9 (I)

6.75min 50.00ppb m

response 6882

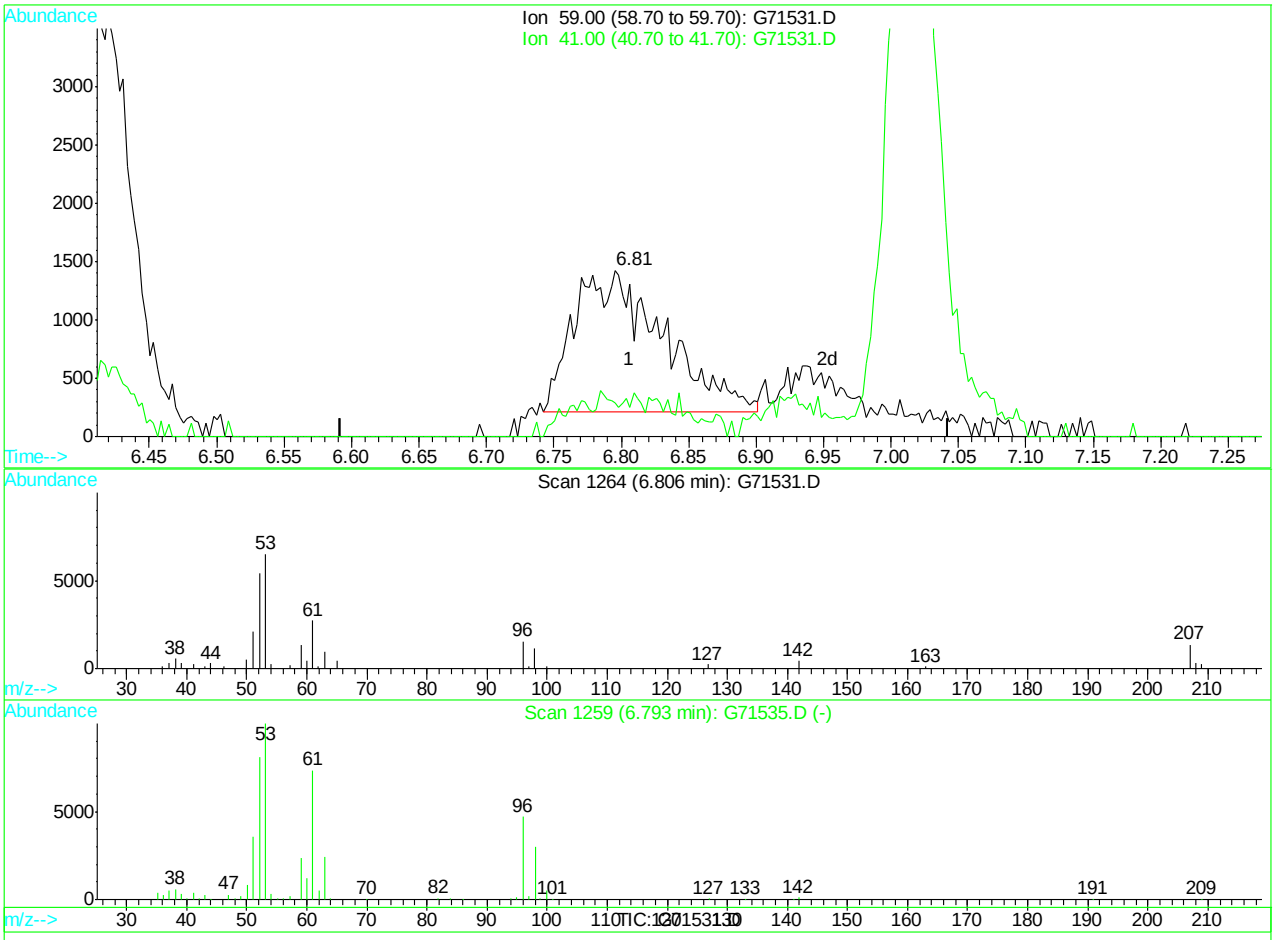
Ion	Exp%	Act%
65.00	100	100
46.00	36.90	39.19
0.00	0.00	0.00
0.00	0.00	0.00

G71531.D G071007W.M Wed Jul 11 12:12:06 2007 RPT1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71531.D Vial: 19
Acq On : 11 Jul 2007 12:31 am Operator: kimt
Sample : ic2872-5 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:12 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:08:42 2007
Response via : Multiple Level Calibration



(2) tertiary butyl alcohol (M)

6.81min 34.01ppb

response 5572

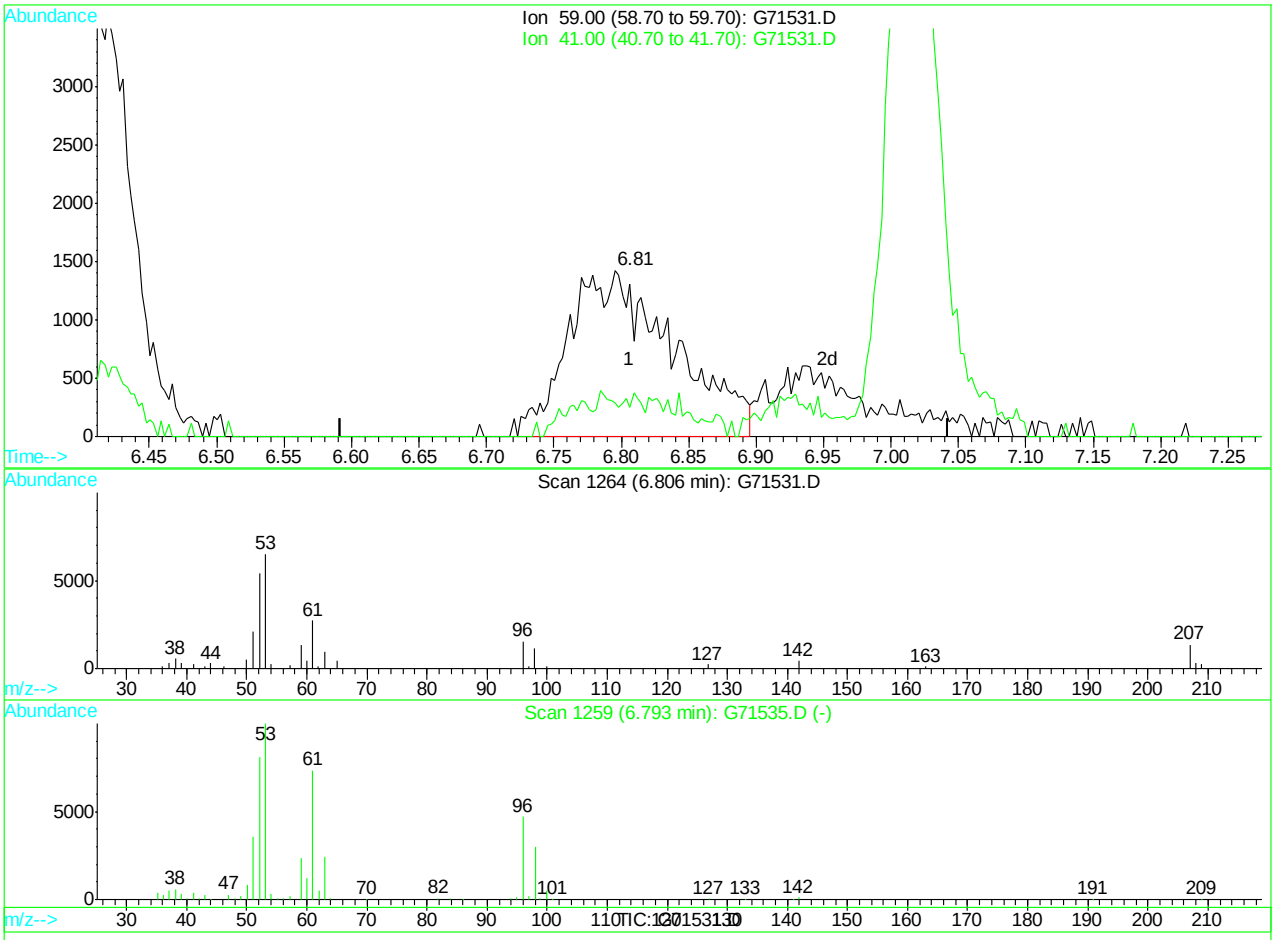
Ion	Exp%	Act%
59.00	100	100
41.00	18.40	22.85
0.00	0.00	0.00
0.00	0.00	0.00

G71531.D G071007W.M Wed Jul 11 12:12:14 2007 RPT1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71531.D Vial: 19
Acq On : 11 Jul 2007 12:31 am Operator: kimt
Sample : ic2872-5 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:12 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:08:42 2007
Response via : Multiple Level Calibration



(2) tertiary butyl alcohol (M)

6.81min 46.98ppb

response 7698

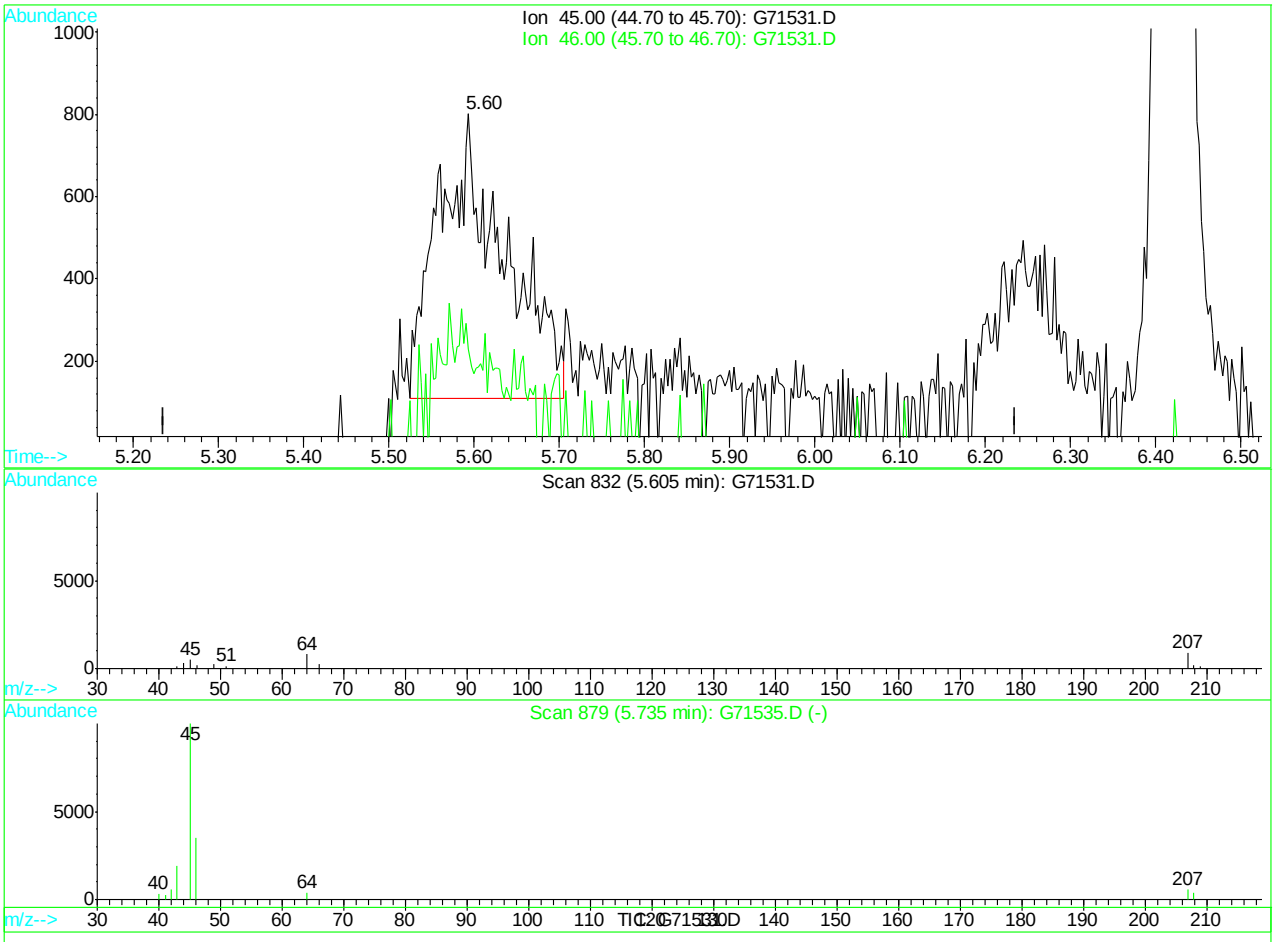
Ion	Exp%	Act%
59.00	100	100
41.00	18.40	19.22
0.00	0.00	0.00
0.00	0.00	0.00

G71531.D G071007W.M Wed Jul 11 12:12:22 2007 RPT1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71531.D Vial: 19
Acq On : 11 Jul 2007 12:31 am Operator: kimt
Sample : ic2872-5 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:12 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:08:42 2007
Response via : Multiple Level Calibration



(4) Ethanol (T)

5.60min 233.29ppb

response 3671

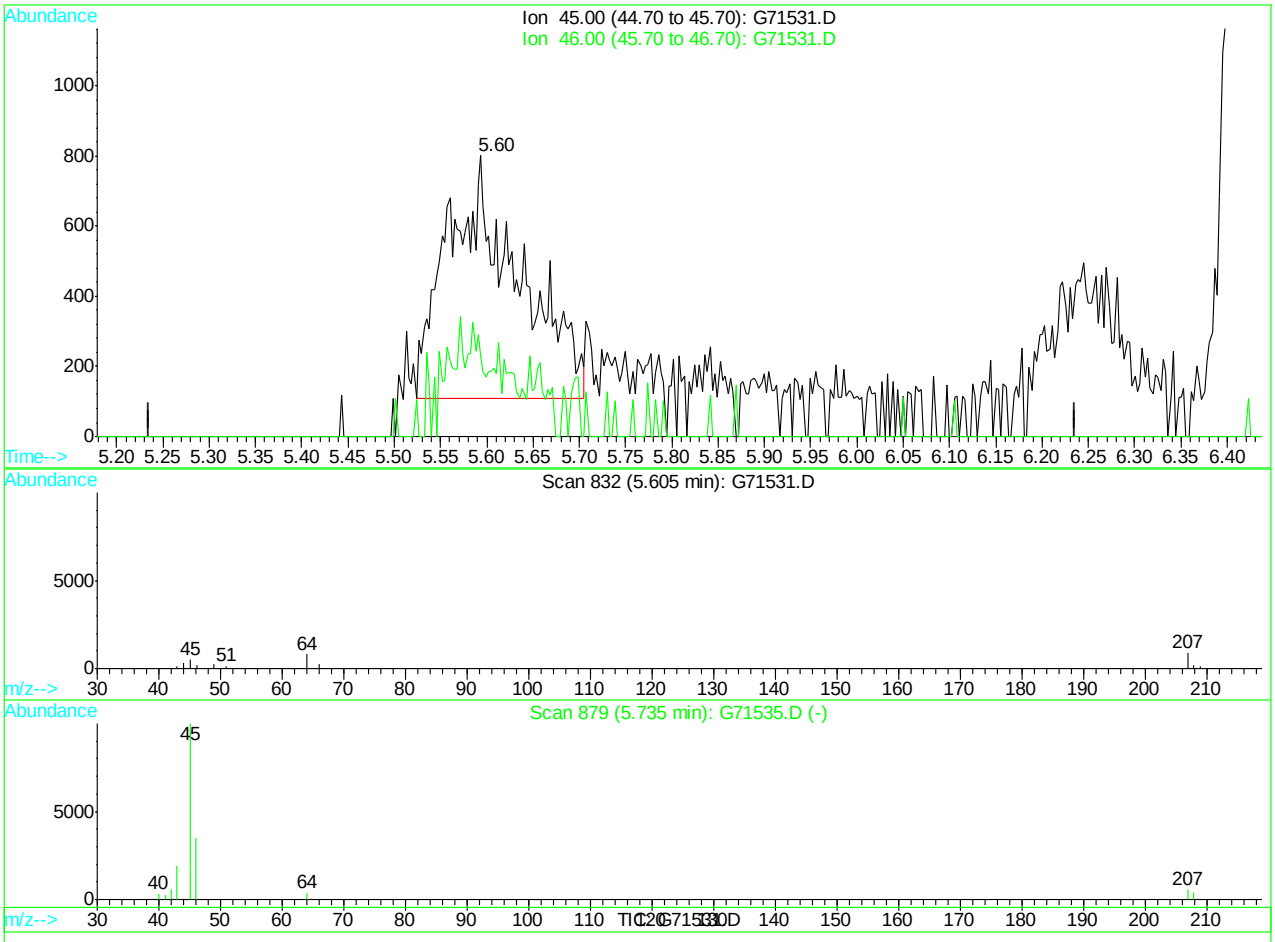
Ion	Exp%	Act%
45.00	100	100
46.00	37.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

G71531.D G071007W.M Wed Jul 11 12:12:31 2007 RPT1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71531.D Vial: 19
Acq On : 11 Jul 2007 12:31 am Operator: kimt
Sample : ic2872-5 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:12 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:08:42 2007
Response via : Multiple Level Calibration



(4) Ethanol (T)

5.60min 233.29ppb

response 3671

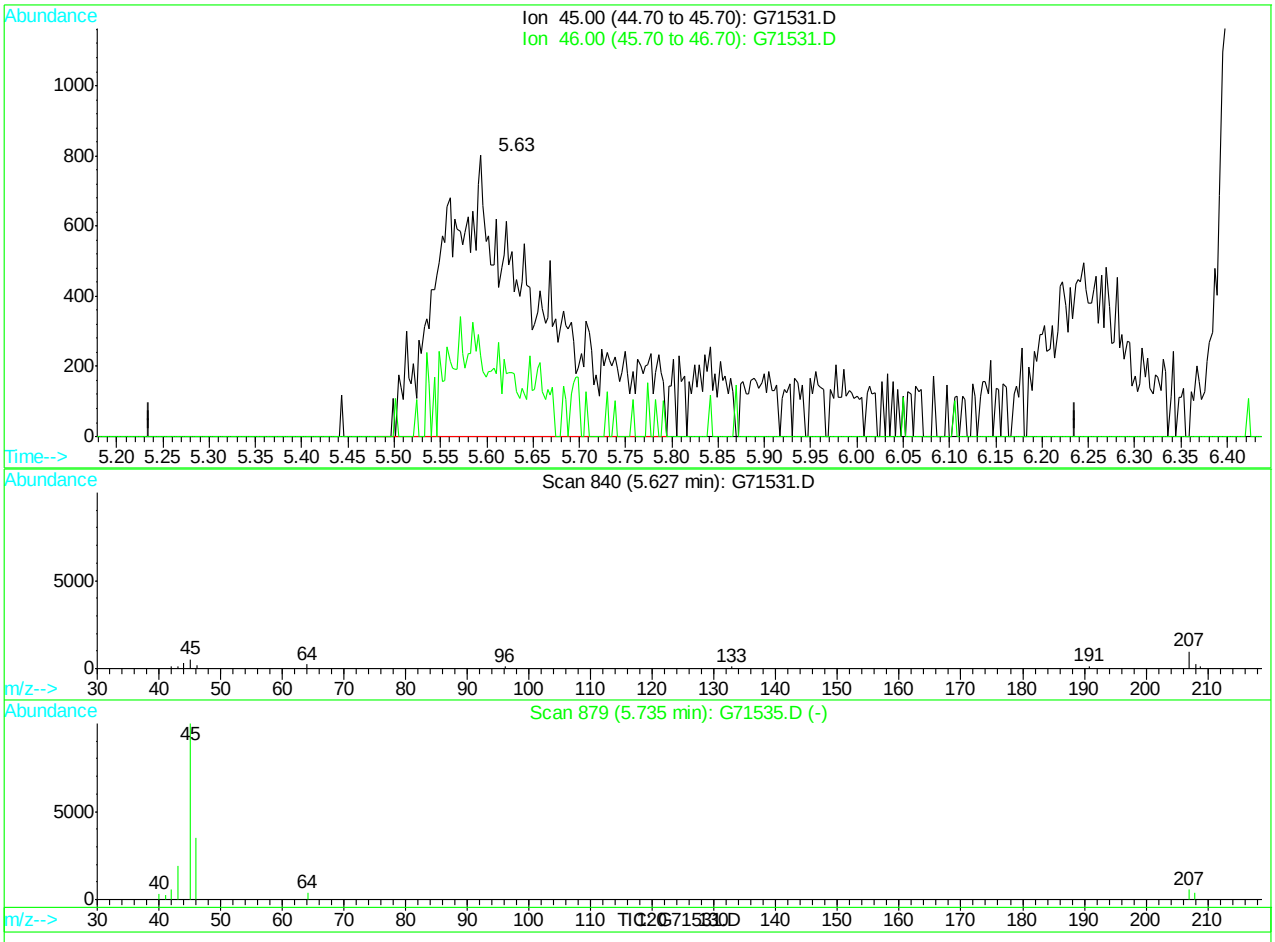
Ion	Exp%	Act%
45.00	100	100
46.00	37.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

G71531.D G071007W.M Wed Jul 11 12:12:48 2007 RPT1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71531.D Vial: 19
Acq On : 11 Jul 2007 12:31 am Operator: kimt
Sample : ic2872-5 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:12 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:08:42 2007
Response via : Multiple Level Calibration



(4) Ethanol (T)

5.63min 389.37ppb m

response 6127

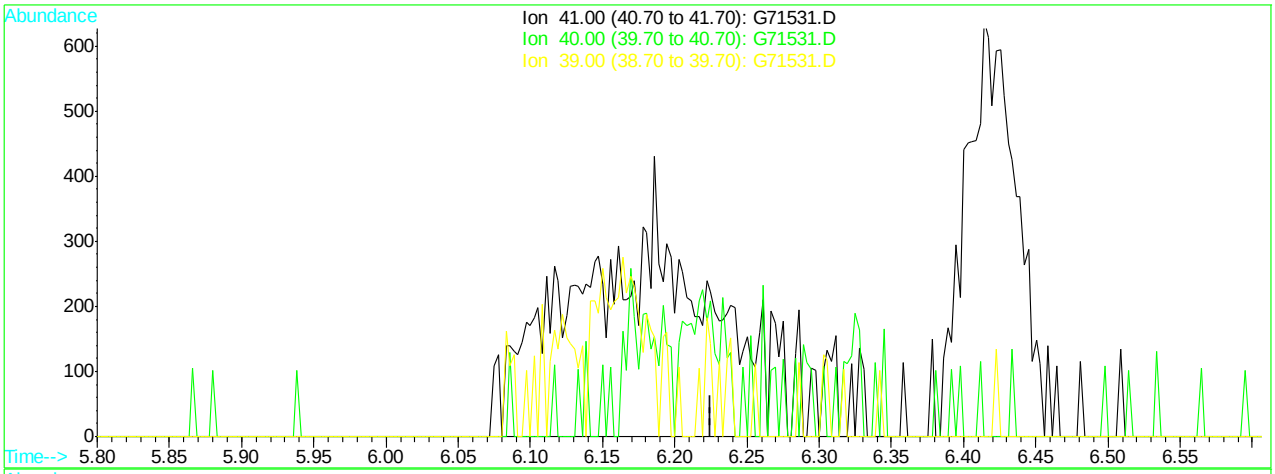
Ion	Exp%	Act%
45.00	100	100
46.00	37.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

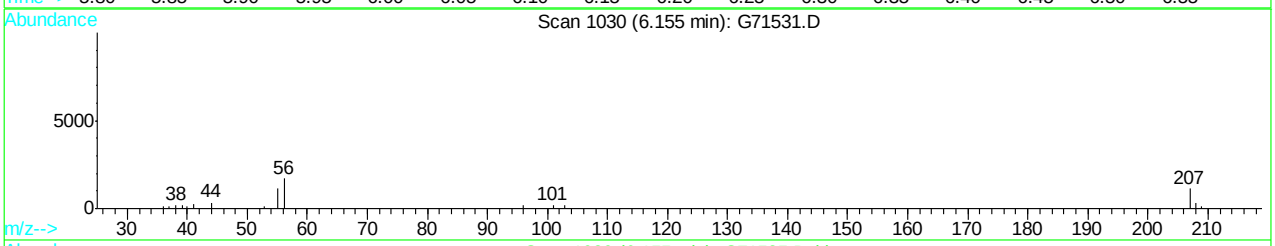
G71531.D G071007W.M Wed Jul 11 12:12:56 2007 RPT1

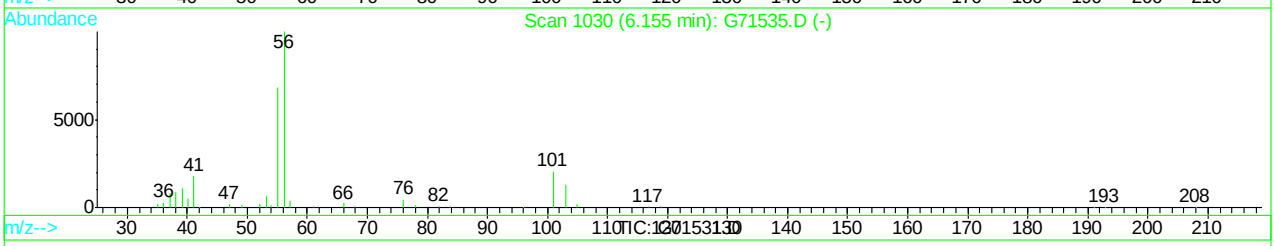
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71531.D Vial: 19
Acq On : 11 Jul 2007 12:31 am Operator: kimt
Sample : ic2872-5 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:12 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:08:42 2007
Response via : Multiple Level Calibration







(11) acetonitrile (M)

6.16min 0.00ppb

response 0

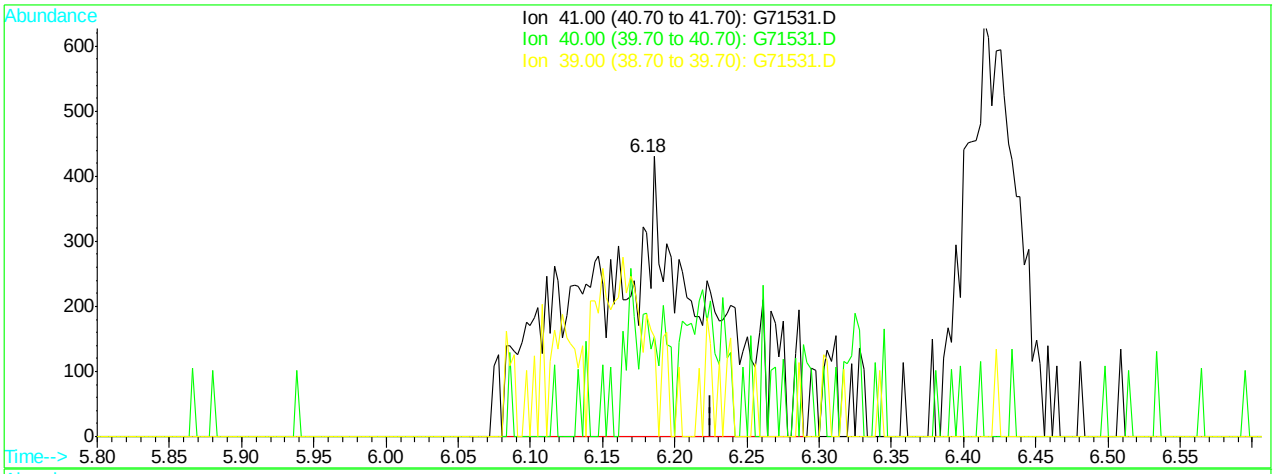
Ion	Exp%	Act%
41.00	100	0.00
40.00	29.50	0.00
39.00	60.60	0.00#
0.00	0.00	0.00

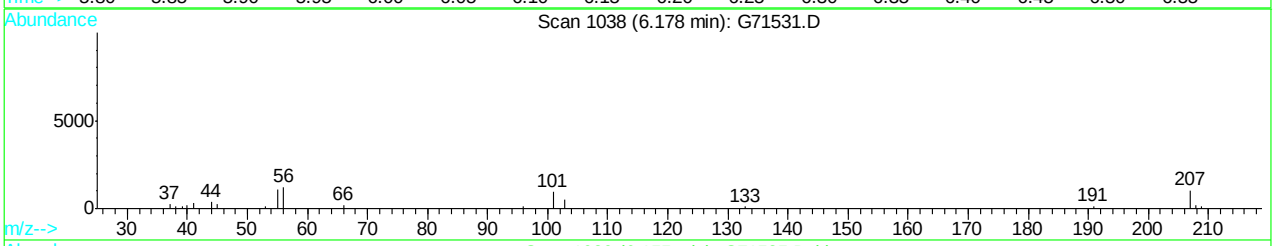
G71531.D G071007W.M Wed Jul 11 12:13:11 2007 RPT1

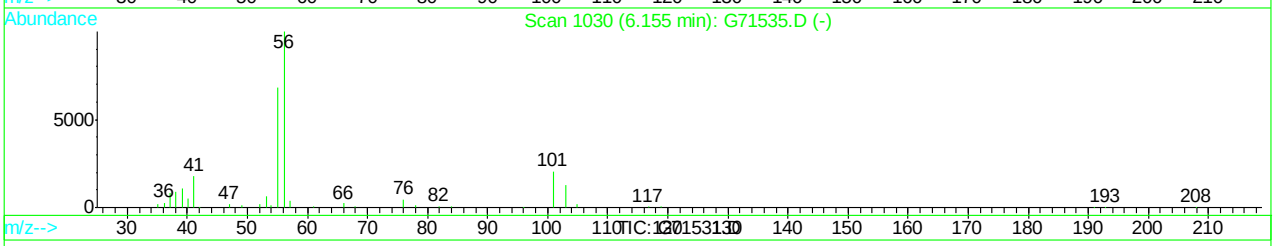
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71531.D Vial: 19
Acq On : 11 Jul 2007 12:31 am Operator: kimt
Sample : ic2872-5 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:13 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:08:42 2007
Response via : Multiple Level Calibration







(11) acetonitrile (M)

6.18min 7.13ppb m

response 2465

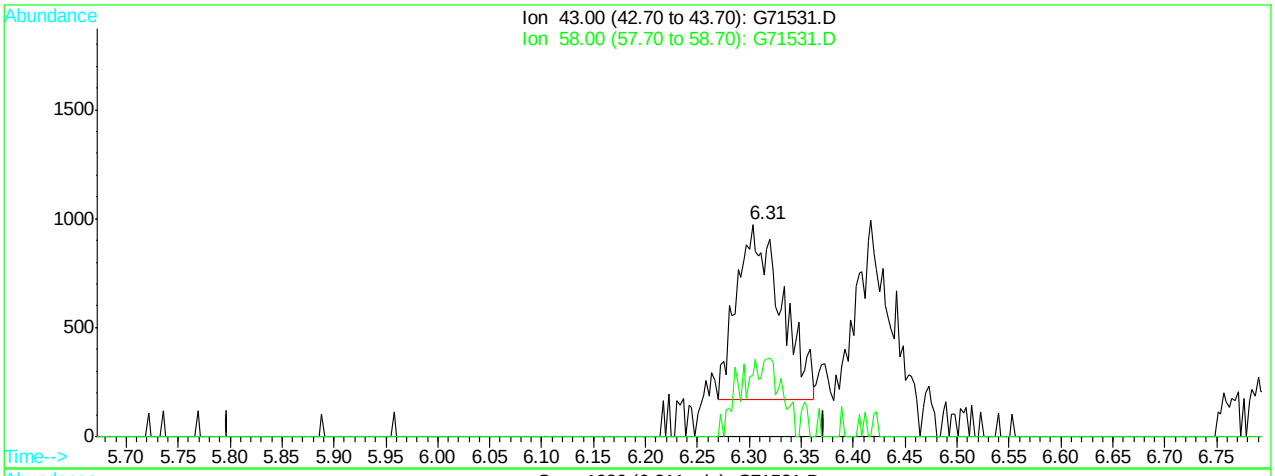
Ion	Exp%	Act%
41.00	100	100
40.00	29.50	57.89
39.00	60.60	39.94
0.00	0.00	0.00

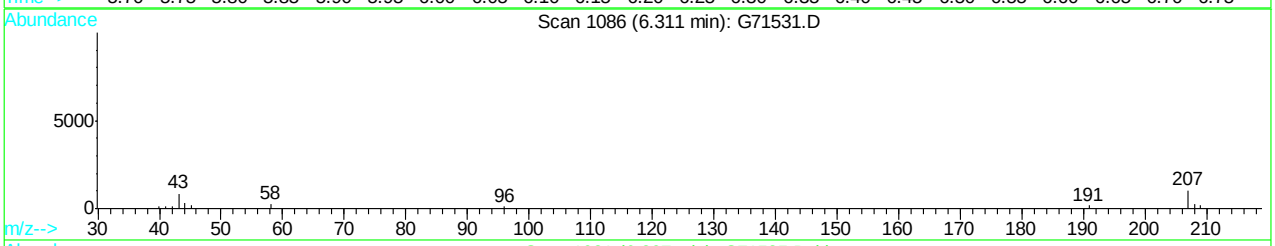
G71531.D G071007W.M Wed Jul 11 12:13:22 2007 RPT1

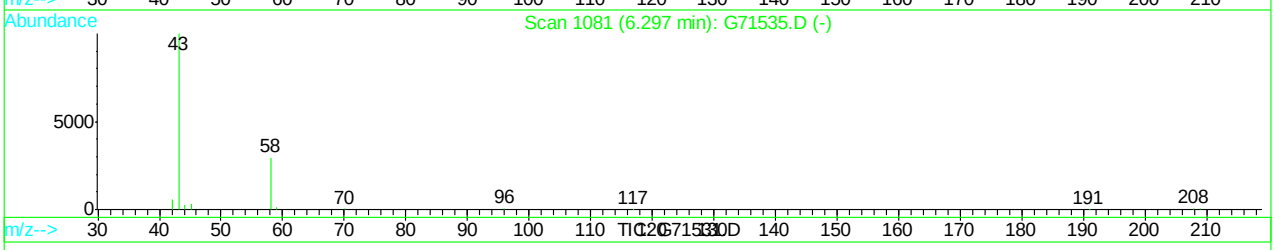
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71531.D Vial: 19
Acq On : 11 Jul 2007 12:31 am Operator: kimt
Sample : ic2872-5 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:13 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:08:42 2007
Response via : Multiple Level Calibration







(16) acetone (M)

6.31min 3.82ppb

response 2387

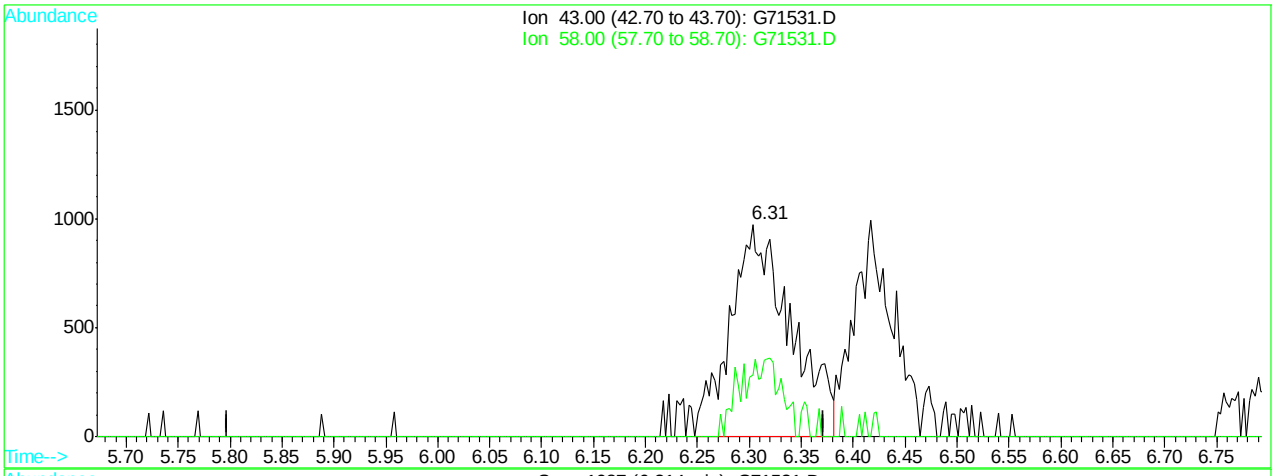
Ion	Exp%	Act%
43.00	100	100
58.00	28.80	39.59
0.00	0.00	0.00
0.00	0.00	0.00

G71531.D G071007W.M Wed Jul 11 12:13:35 2007 RPT1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71531.D Vial: 19
Acq On : 11 Jul 2007 12:31 am Operator: kimt
Sample : ic2872-5 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:13 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:08:42 2007
Response via : Multiple Level Calibration



(16) acetone (M)

6.31min 6.23ppb m

response 3887

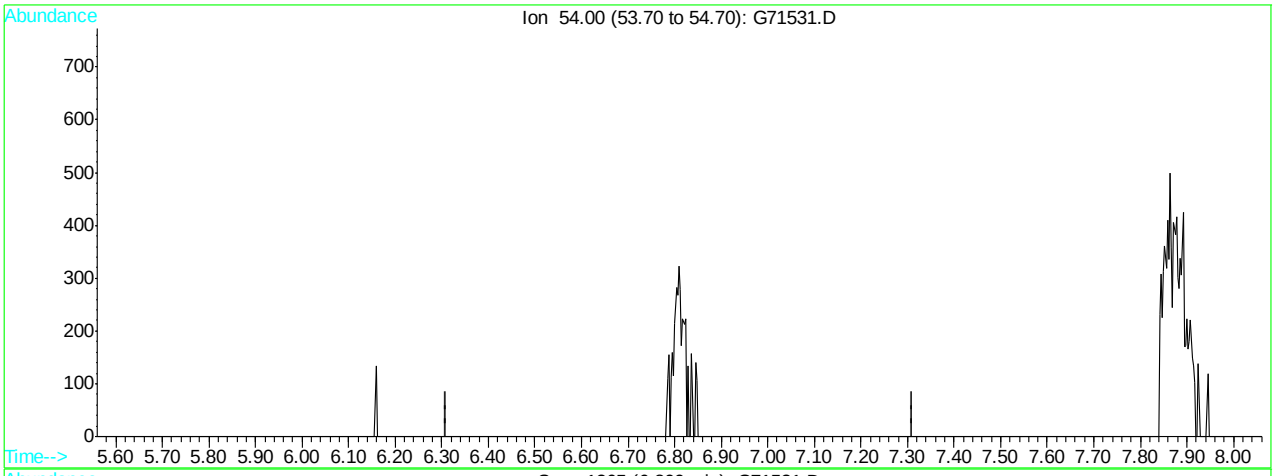
Ion	Exp%	Act%
43.00	100	100
58.00	28.80	47.09
0.00	0.00	0.00
0.00	0.00	0.00

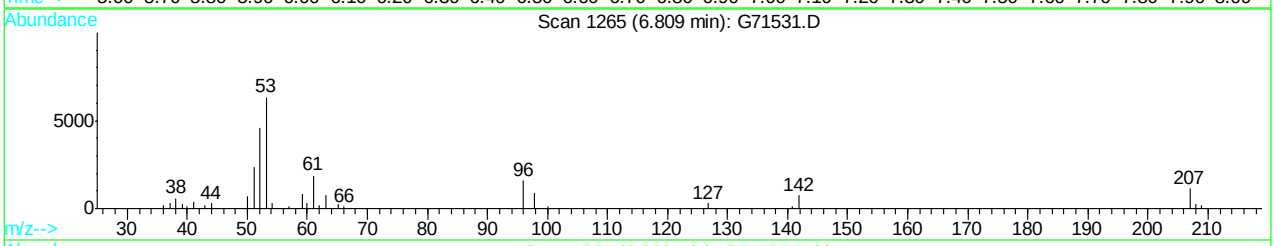
G71531.D G071007W.M Wed Jul 11 12:13:42 2007 RPT1

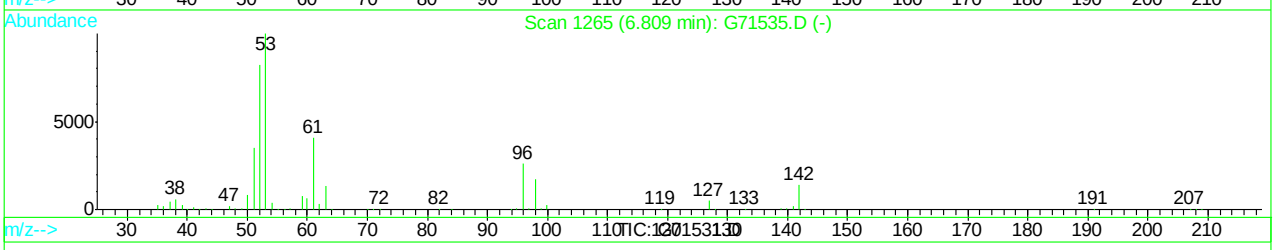
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71531.D Vial: 19
Acq On : 11 Jul 2007 12:31 am Operator: kimt
Sample : ic2872-5 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:13 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:08:42 2007
Response via : Multiple Level Calibration







(25) propionitrile (M)

6.81min 0.00ppb

response 0

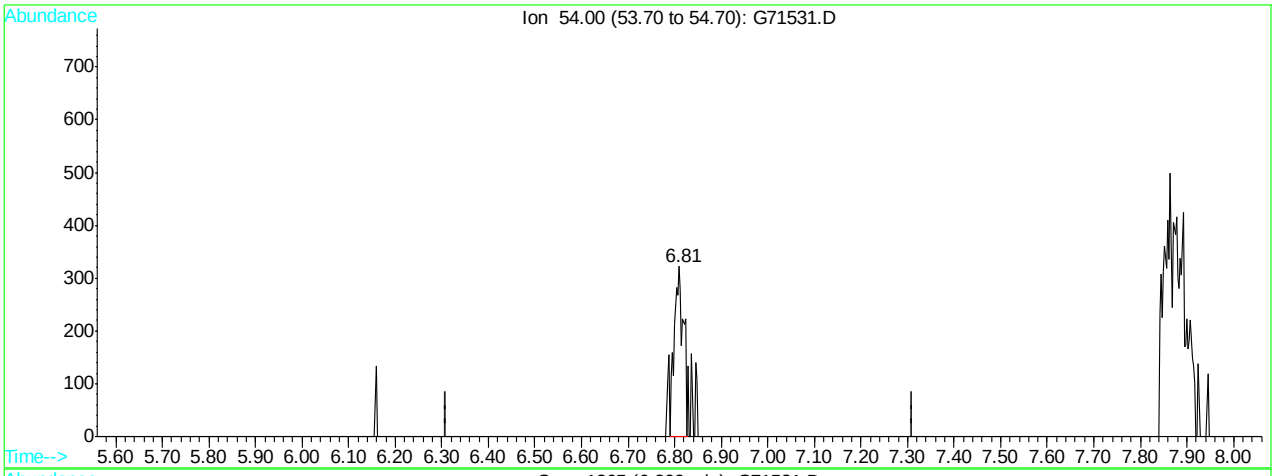
Ion	Exp%	Act%
54.00	100	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

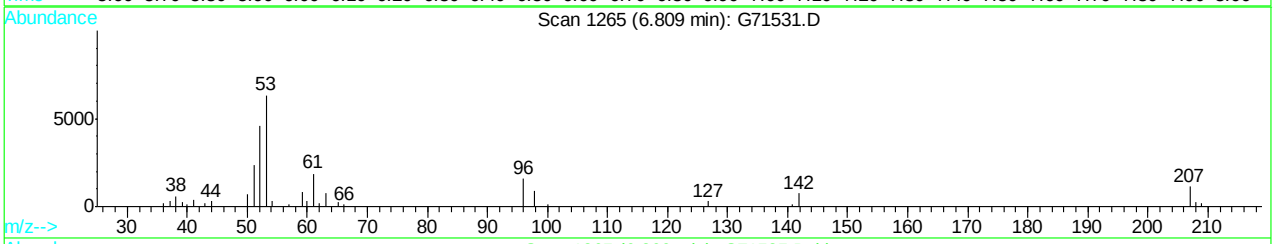
G71531.D G071007W.M Wed Jul 11 12:13:57 2007 RPT1

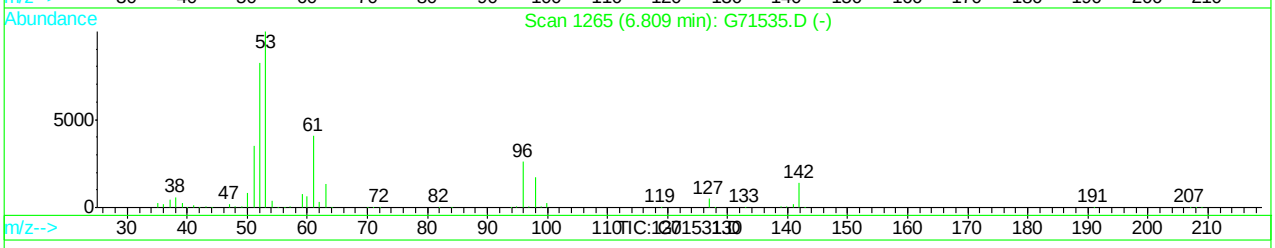
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71531.D Vial: 19
Acq On : 11 Jul 2007 12:31 am Operator: kimt
Sample : ic2872-5 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:14 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:08:42 2007
Response via : Multiple Level Calibration







(25) propionitrile (M)

6.81min 3.00ppb m

response 431

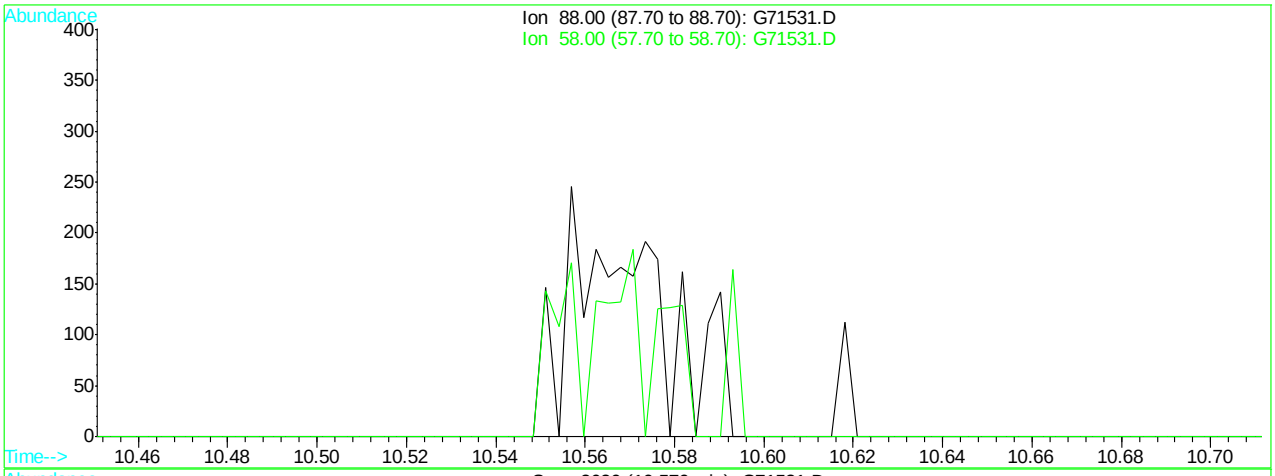
Ion	Exp%	Act%
54.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

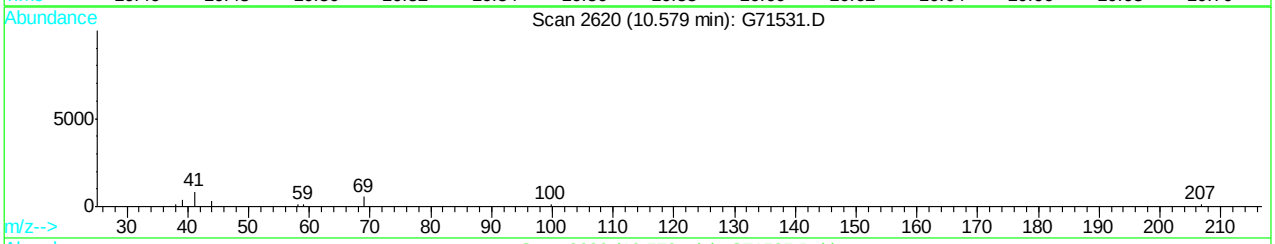
G71531.D G071007W.M Wed Jul 11 12:14:06 2007 RPT1

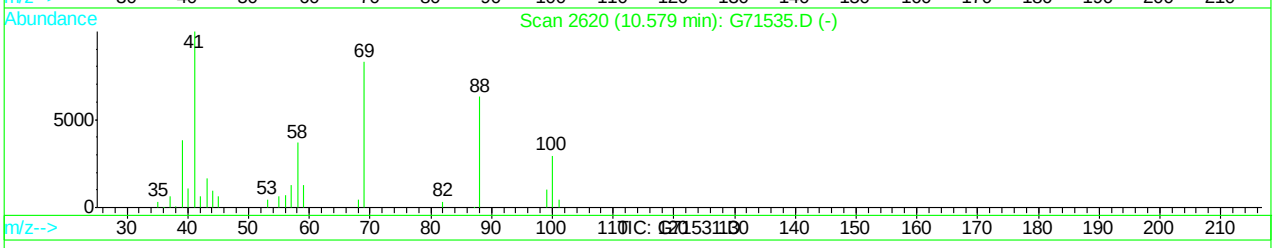
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71531.D Vial: 19
Acq On : 11 Jul 2007 12:31 am Operator: kimt
Sample : ic2872-5 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:14 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:08:42 2007
Response via : Multiple Level Calibration







(58) 1,4-dioxane (M)

10.58min 0.00ppb

response 0

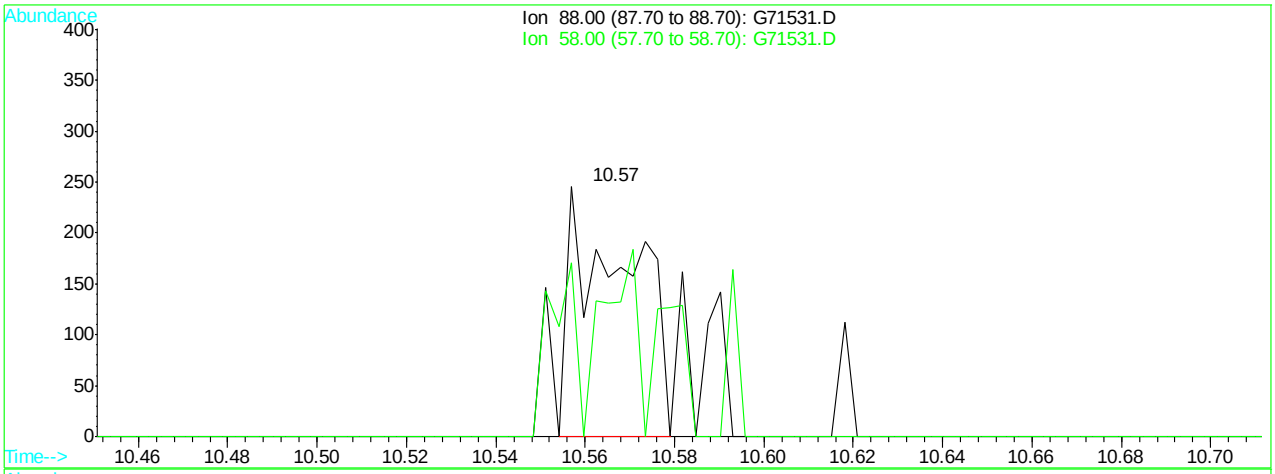
Ion	Exp%	Act%
88.00	100	0.00
58.00	58.20	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

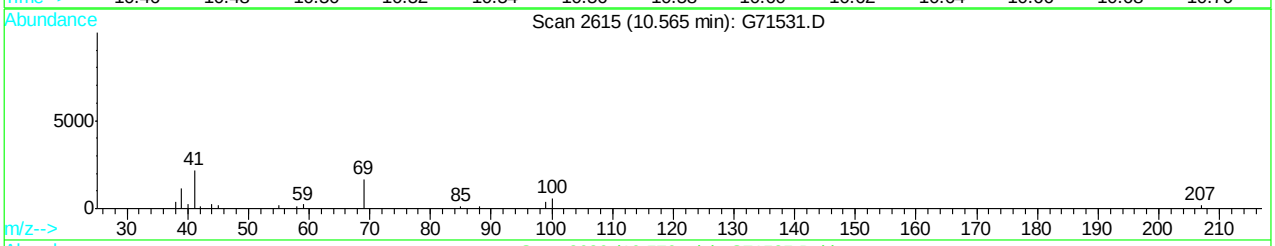
G71531.D G071007W.M Wed Jul 11 12:14:51 2007 RPT1

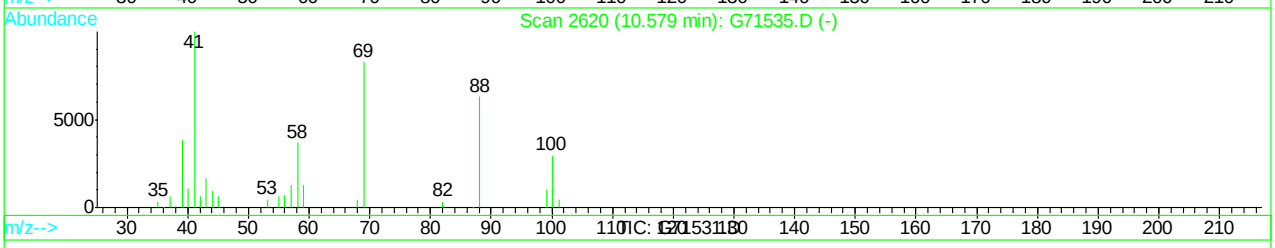
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71531.D Vial: 19
Acq On : 11 Jul 2007 12:31 am Operator: kimt
Sample : ic2872-5 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:14 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:08:42 2007
Response via : Multiple Level Calibration







(58) 1,4-dioxane (M)

10.57min 13.18ppb m

response 232

Ion	Exp%	Act%
88.00	100	100
58.00	58.20	83.97
0.00	0.00	0.00
0.00	0.00	0.00

G71531.D G071007W.M Wed Jul 11 12:14:59 2007 RPT1

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani 07/19/07 15:51

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71532.D Vial: 20
Acq On : 11 Jul 2007 12:57 am Operator: kimt
Sample : ic2872-25 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:03 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 11:59:17 2007
Response via : Initial Calibration
DataAcq Meth : G8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.74	65	6582m	50.00	ppb	0.03
3) pentafluorobenzene	9.11	168	191628	50.00	ppb	0.00
43) 1,4-difluorobenzene	9.98	114	284750	50.00	ppb	0.00
66) chlorobenzene-d5	13.24	82	155217	50.00	ppb	0.00
80) 1,4-dichlorobenzene-d4	15.81	152	162885	50.00	ppb	0.00

System Monitoring Compounds

40) dibromofluoromethane (s)	8.76	113	90466	51.71	ppb	0.00
Spiked Amount 50.000	Range 83 - 127		Recovery = 103.42%			
60) toluene-d8 (s)	11.79	98	356619	50.97	ppb	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 101.94%			
82) bromofluorobenzene (s)	14.47	95	143928	49.98	ppb	0.00
Spiked Amount 50.000	Range 81 - 119		Recovery = 99.96%			

Target Compounds

							Qvalue
2) tertiary butyl alcohol	6.81	59	37166m	234.17	ppb		
4) Ethanol	5.70	45	40819m	2455.71	ppb		
5) dichlorodifluoromethane	4.44	85	37828	24.24	ppb		98
6) chloromethane	4.71	50	49928	26.90	ppb		93
7) vinyl chloride	4.95	62	51485	26.16	ppb		99
8) bromomethane	5.44	96	34515	26.66	ppb		98
9) chloroethane	5.58	64	34477	25.17	ppb		95
10) ethyl ether	6.42	59	44403	24.28	ppb		99
11) acetonitrile	6.15	41	8757	23.84	ppb		80
12) trichlorofluoromethane	6.23	101	63276	25.35	ppb		98
13) freon-113	7.00	101	41384	22.97	ppb		99
14) acrolein	6.17	56	27970	154.42	ppb		100
15) 1,1-dichloroethene	6.79	96	43840	23.76	ppb		83
16) acetone	6.30	43	17452m	26.97	ppb		
17) Methyl Acetate	6.94	43	75530	24.47	ppb	#	95
18) methylene chloride	6.93	84	57459	25.64	ppb		96
19) methyl tert butyl ether	7.71	73	149055	24.29	ppb		96
20) acrylonitrile	6.82	53	105655	123.26	ppb		99
21) allyl chloride	7.02	41	81068	25.23	ppb		96
22) trans-1,2-dichloroethene	7.62	96	47977	23.46	ppb		93
23) iodomethane	6.85	142	84983	23.84	ppb		95
24) carbon disulfide	7.22	76	147525	24.50	ppb		98
25) propionitrile	6.81	54	3764	24.82	ppb		100
26) vinyl acetate	7.95	43	52899	24.35	ppb		96
27) chloroprene	8.23	53	64834	24.95	ppb		91
28) di-isopropyl ether	8.27	45	195664	26.33	ppb		95
29) methacrylonitrile	8.37	41	35449	24.24	ppb		92
30) 2-butanone	8.27	72	6602	23.34	ppb	#	80
31) Hexane	8.26	41	71938	25.14	ppb	#	80
32) 1,1-dichloroethane	7.86	63	89759	25.22	ppb		99
33) tert-butyl ethyl ether	8.67	59	177103	25.07	ppb		98
34) isobutyl alcohol	8.69	43	28978	127.63	ppb		94
35) 2,2-dichloropropane	8.73	77	53558	26.20	ppb		98
36) cis-1,2-dichloroethene	8.43	96	55271	24.42	ppb		96
38) bromochloromethane	8.60	128	26777	23.37	ppb		94

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71532.D Vial: 20
Acq On : 11 Jul 2007 12:57 am Operator: kimt
Sample : ic2872-25 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:03 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 11:59:17 2007
Response via : Initial Calibration
DataAcq Meth : G8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
39)	chloroform	8.64	83	86391	24.73 ppb	100
41)	Tetrahydrofuran	8.97	42	17616	25.12 ppb	97
42)	1,1,1-trichloroethane	9.40	97	74582	24.67 ppb	98
44)	Cyclohexane	9.69	56	93951	23.06 ppb	98
45)	carbon tetrachloride	9.76	117	68988	24.12 ppb	97
46)	1,1-dichloropropene	9.56	75	64334	23.75 ppb	99
47)	benzene	9.79	78	197621	24.06 ppb	99
48)	1,2-dichloroethane	9.28	62	64440	25.87 ppb	96
49)	tert-amyl methyl ether	9.91	73	171596	24.46 ppb	97
50)	heptane	10.26	43	62018	23.31 ppb	96
51)	trichloroethene	10.41	95	52767	23.26 ppb	98
52)	1,2-dichloropropane	10.37	63	51483	24.66 ppb	99
53)	dibromomethane	10.34	93	31196	24.05 ppb	95
54)	bromodichloromethane	10.46	83	68393	23.92 ppb	97
55)	Methylcyclohexane	10.93	83	78840	21.35 ppb	97
56)	2-chloroethyl vinyl ether	10.83	63	4650	20.96 ppb	96
57)	methyl methacrylate	10.55	69	36210	22.98 ppb	89
58)	1,4-dioxane	10.56	88	1784	91.17 ppb	93
59)	cis-1,3-dichloropropene	11.07	75	77390	23.87 ppb	97
61)	4-methyl-2-pentanone	11.17	43	56554	24.37 ppb	96
62)	toluene	11.86	92	127250	24.20 ppb	100
63)	trans-1,3-dichloropropene	11.49	75	68316	24.14 ppb	97
64)	1,1,2-trichloroethane	11.67	83	39306	24.19 ppb	98
65)	ethyl methacrylate	11.87	69	66328	22.85 ppb	88
67)	tetrachloroethene	12.60	166	55566	21.96 ppb	96
68)	1,3-dichloropropane	11.90	76	83001	24.12 ppb	98
69)	dibromochloromethane	12.20	129	55505	22.40 ppb	99
70)	1,2-dibromoethane	12.45	107	48379	22.77 ppb	99
71)	2-hexanone	12.03	43	39600	23.03 ppb	100
72)	chlorobenzene	13.28	112	147067	22.95 ppb	97
73)	1,1,1,2-tetrachloroethane	13.20	131	50622	22.02 ppb	98
74)	ethylbenzene	13.46	91	247133	23.32 ppb	98
75)	m,p-xylene	13.64	106	197246	45.80 ppb	95
76)	o-xylene	14.05	106	97630	22.93 ppb	99
77)	styrene	13.98	104	146985	21.61 ppb	98
78)	bromoform	13.80	173	41396	21.64 ppb	96
79)	trans-1,4-dichloro-2-buten	14.19	53	13147	21.04 ppb	89
81)	isopropylbenzene	14.42	105	223154	22.71 ppb	100
83)	bromobenzene	14.70	156	69455	22.12 ppb	96
84)	1,1,2,2-tetrachloroethane	14.05	83	56623	22.90 ppb	97
85)	1,2,3-trichloropropane	14.20	75	70239	22.02 ppb	99
86)	n-propylbenzene	14.86	91	304332	23.40 ppb	96
87)	2-chlorotoluene	14.98	91	183130	23.55 ppb	98
88)	4-chlorotoluene	15.06	91	185640	23.32 ppb	100
89)	1,3,5-trimethylbenzene	15.14	105	213119	23.34 ppb	98
90)	tert-butylbenzene	15.45	91	118617	24.39 ppb	94
91)	1,2,4-trimethylbenzene	15.55	105	220273	23.49 ppb	100
92)	sec-butylbenzene	15.67	105	278311	23.97 ppb	100
93)	1,3-dichlorobenzene	15.77	146	125681	22.52 ppb	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71532.D Vial: 20
Acq On : 11 Jul 2007 12:57 am Operator: kimt
Sample : ic2872-25 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:03 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 11:59:17 2007
Response via : Initial Calibration
DataAcq Meth : G8260

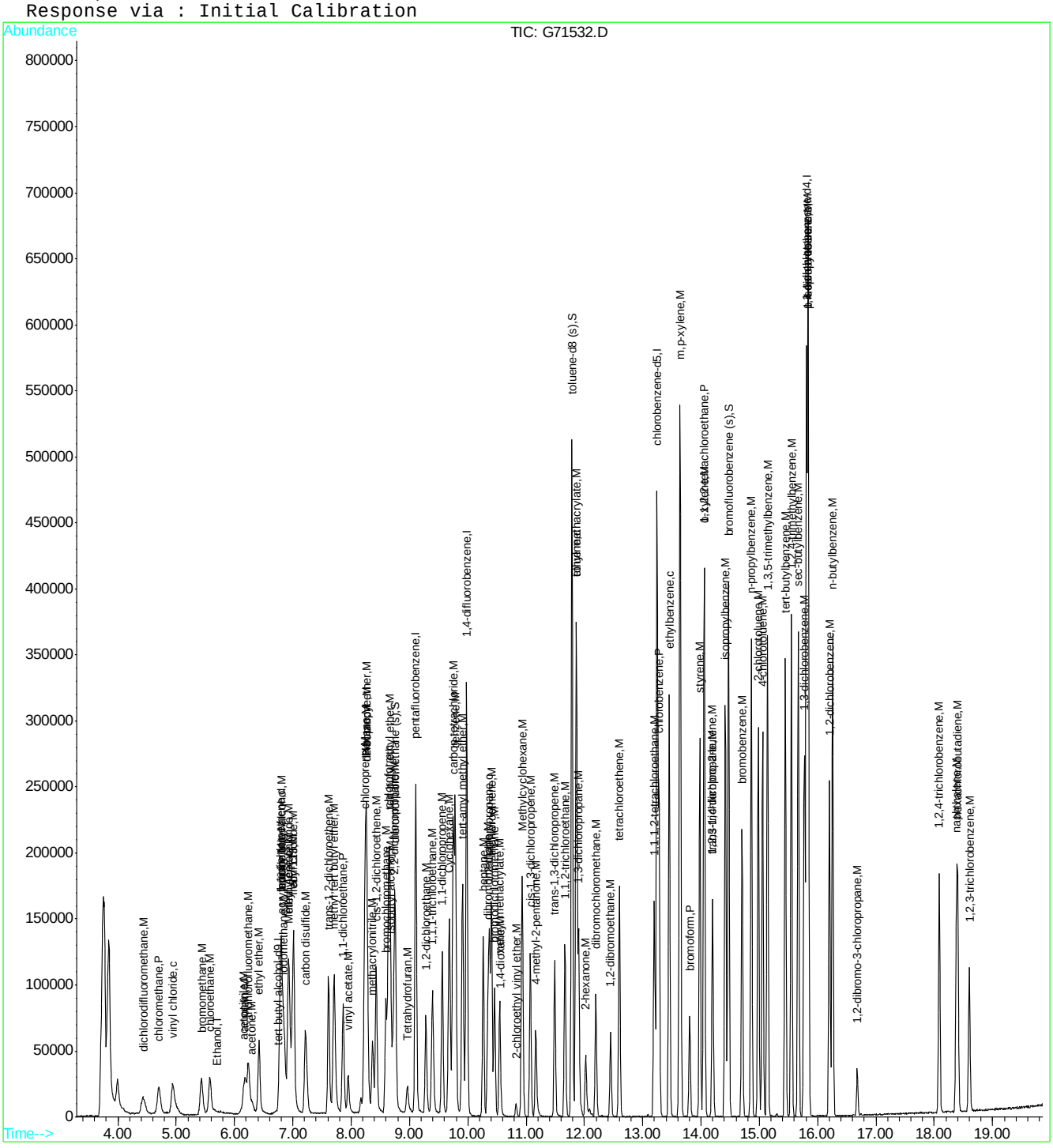
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
94)	p-isopropyltoluene	15.84	119	229572	22.97	ppb	96
95)	1,4-dichlorobenzene	15.84	146	131675	22.22	ppb	97
96)	1,2-dichlorobenzene	16.20	146	114783	22.61	ppb	97
97)	n-butylbenzene	16.25	91	213103	24.37	ppb	99
98)	1,2-dibromo-3-chloropropan	16.68	75	8818	23.10	ppb	81
99)	1,2,4-trichlorobenzene	18.08	180	68703	23.60	ppb	98
100)	hexachlorobutadiene	18.40	225	40500	25.06	ppb	98
101)	naphthalene	18.38	128	116223	21.93	ppb	100
102)	1,2,3-trichlorobenzene	18.60	180	43682	24.07	ppb	97

(#) = qualifier out of range (m) = manual integration
G71532.D G071007W.M Wed Jul 11 12:09:51 2007 RPT1 Page 3

Quantitation Report

Data File : C:\HPCHEM\1\DATA\G71532.D Vial: 20
Acq On : 11 Jul 2007 12:57 am Operator: kimt
Sample : ic2872-25 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:03 2007 Quant Results File: G071007W.RES

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:08:42 2007
Response via : Initial Calibration

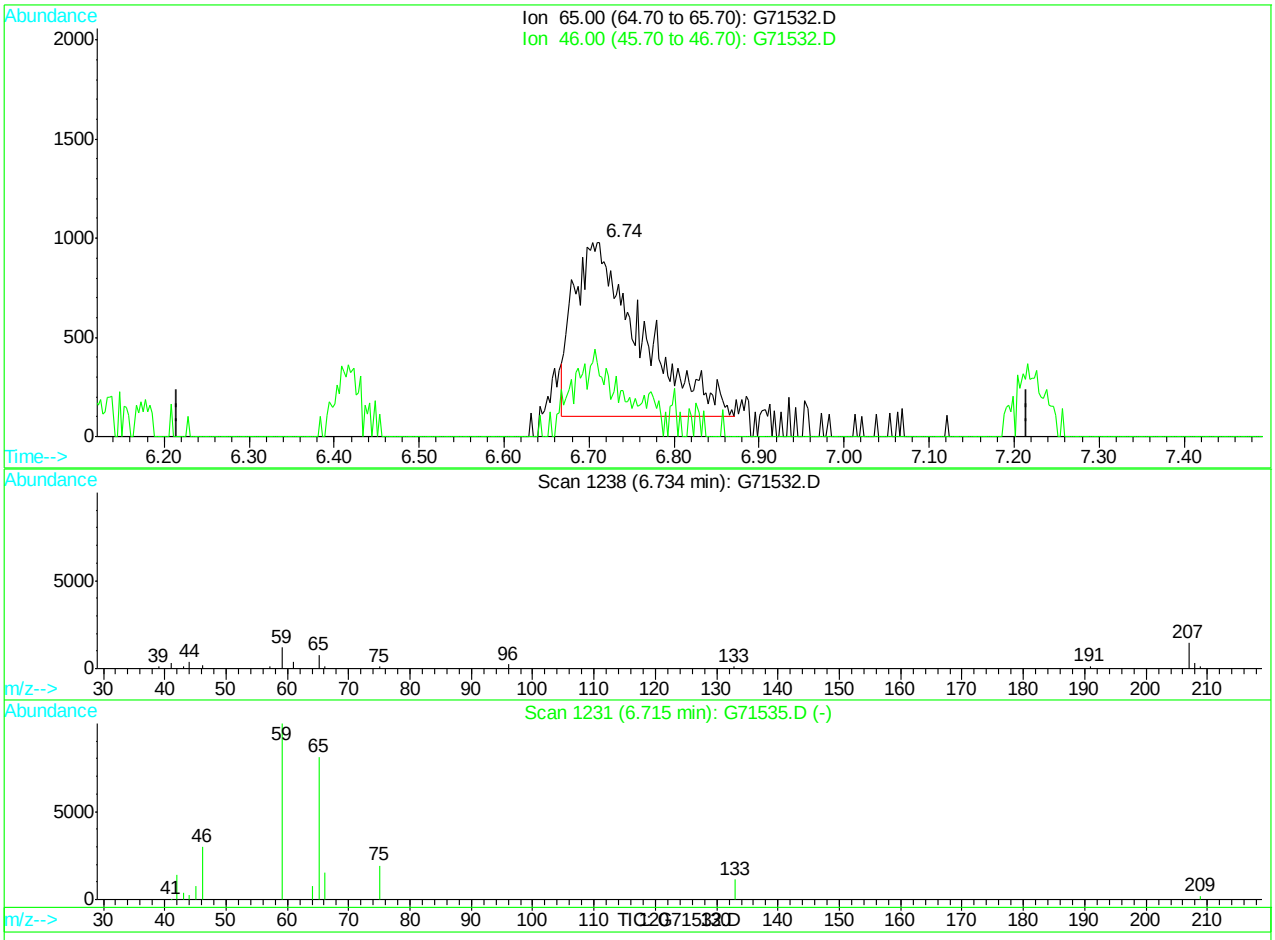


ACCUTEST Laboratories M66438

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71532.D Vial: 20
Acq On : 11 Jul 2007 12:57 am Operator: kimt
Sample : ic2872-25 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:01 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 11:59:17 2007
Response via : Multiple Level Calibration



(1) tert butyl alcohol-d9 (I)

6.74min 50.00ppb

response 4766

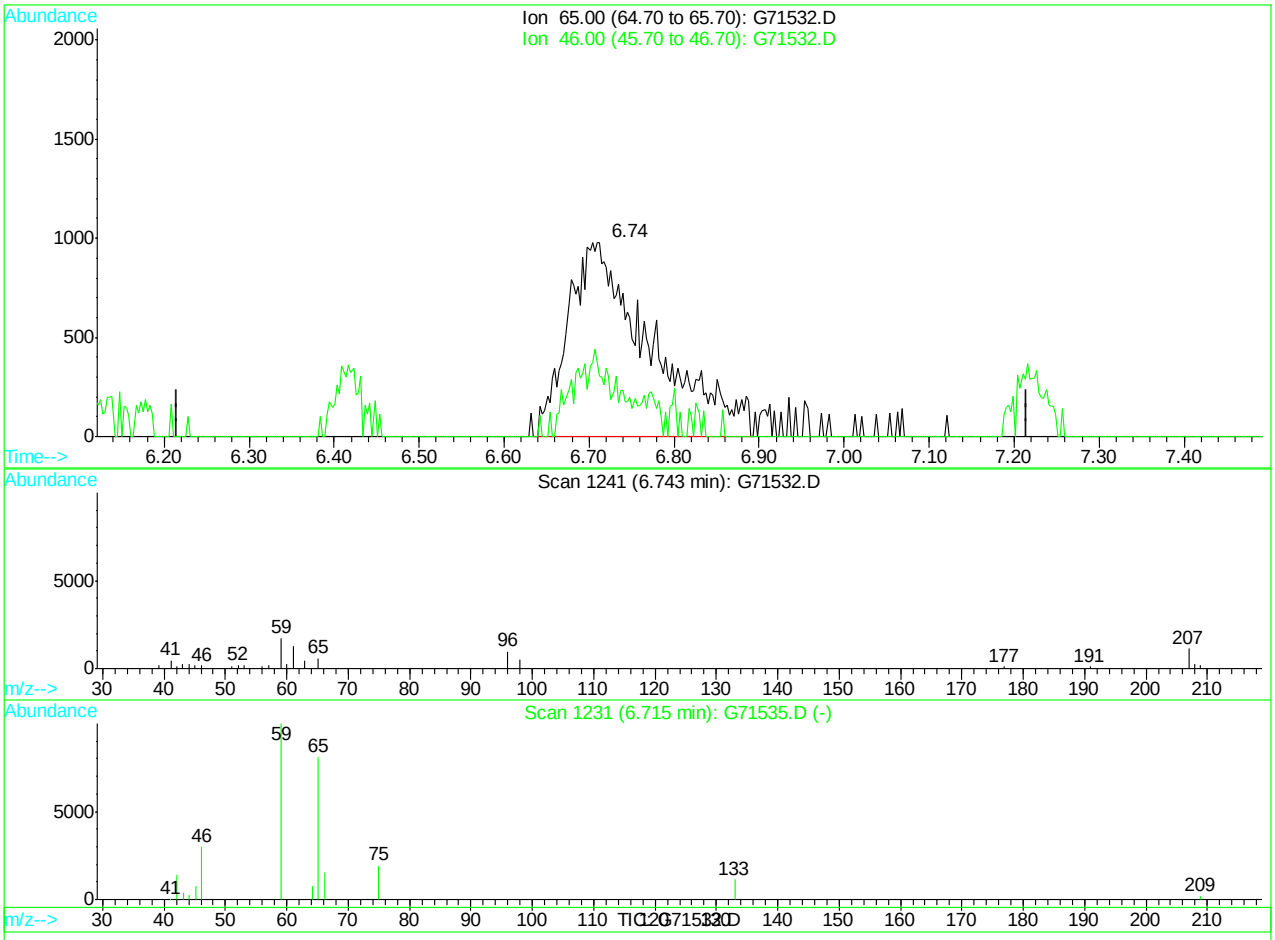
Ion	Exp%	Act%
65.00	100	100
46.00	36.90	25.90
0.00	0.00	0.00
0.00	0.00	0.00

G71532.D G071007W.M Wed Jul 11 12:02:11 2007 RPT1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71532.D Vial: 20
Acq On : 11 Jul 2007 12:57 am Operator: kimt
Sample : ic2872-25 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:02 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 11:59:17 2007
Response via : Multiple Level Calibration



(1) tert butyl alcohol-d9 (I)

6.74min 50.00ppb m

response 6582

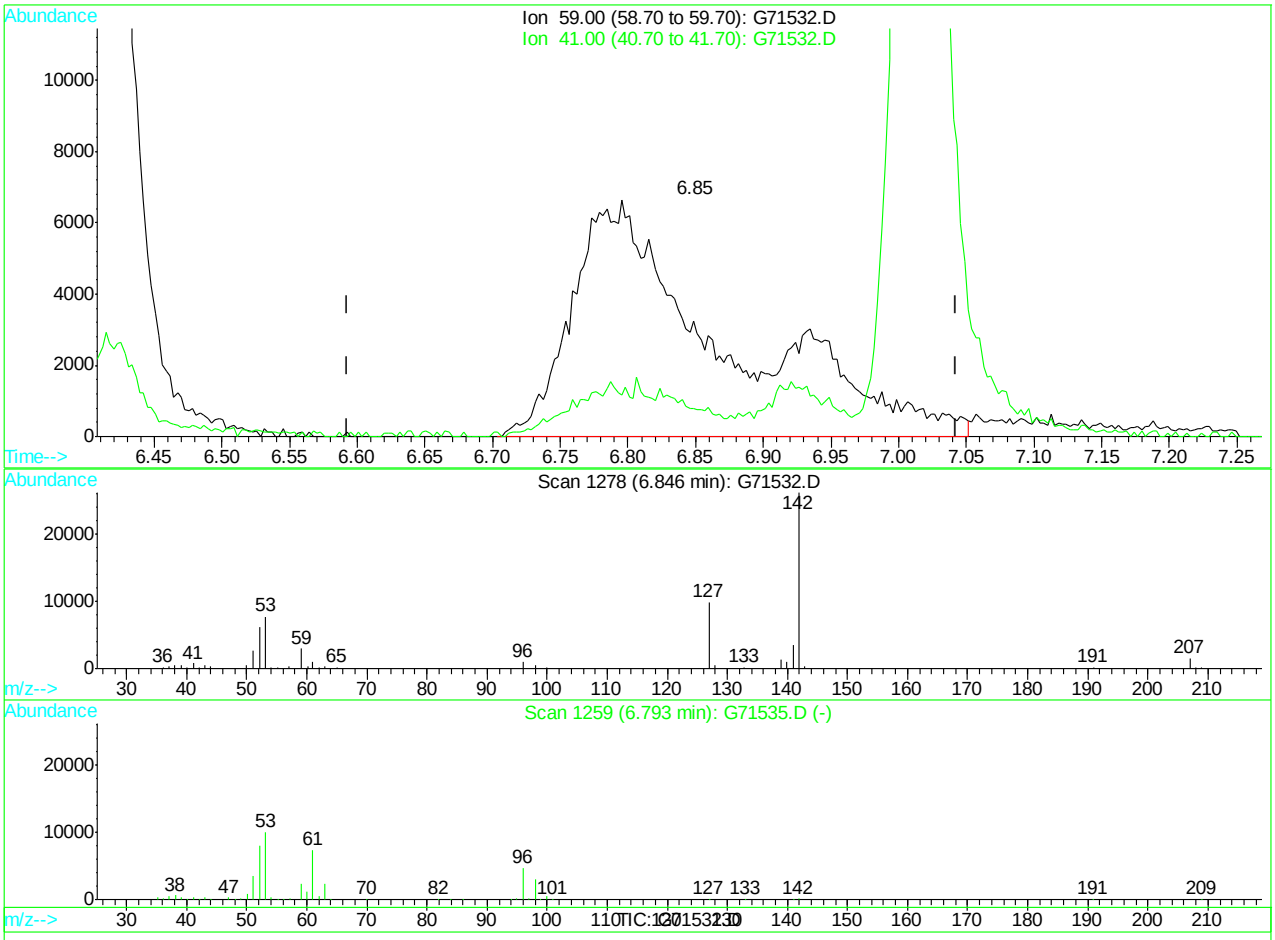
Ion	Exp%	Act%
65.00	100	100
46.00	36.90	29.93
0.00	0.00	0.00
0.00	0.00	0.00

G71532.D G071007W.M Wed Jul 11 12:02:19 2007 RPT1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71532.D Vial: 20
Acq On : 11 Jul 2007 12:57 am Operator: kimt
Sample : ic2872-25 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:02 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 11:59:17 2007
Response via : Multiple Level Calibration



(2) tertiary butyl alcohol (M)

6.85min 319.02ppb

response 50632

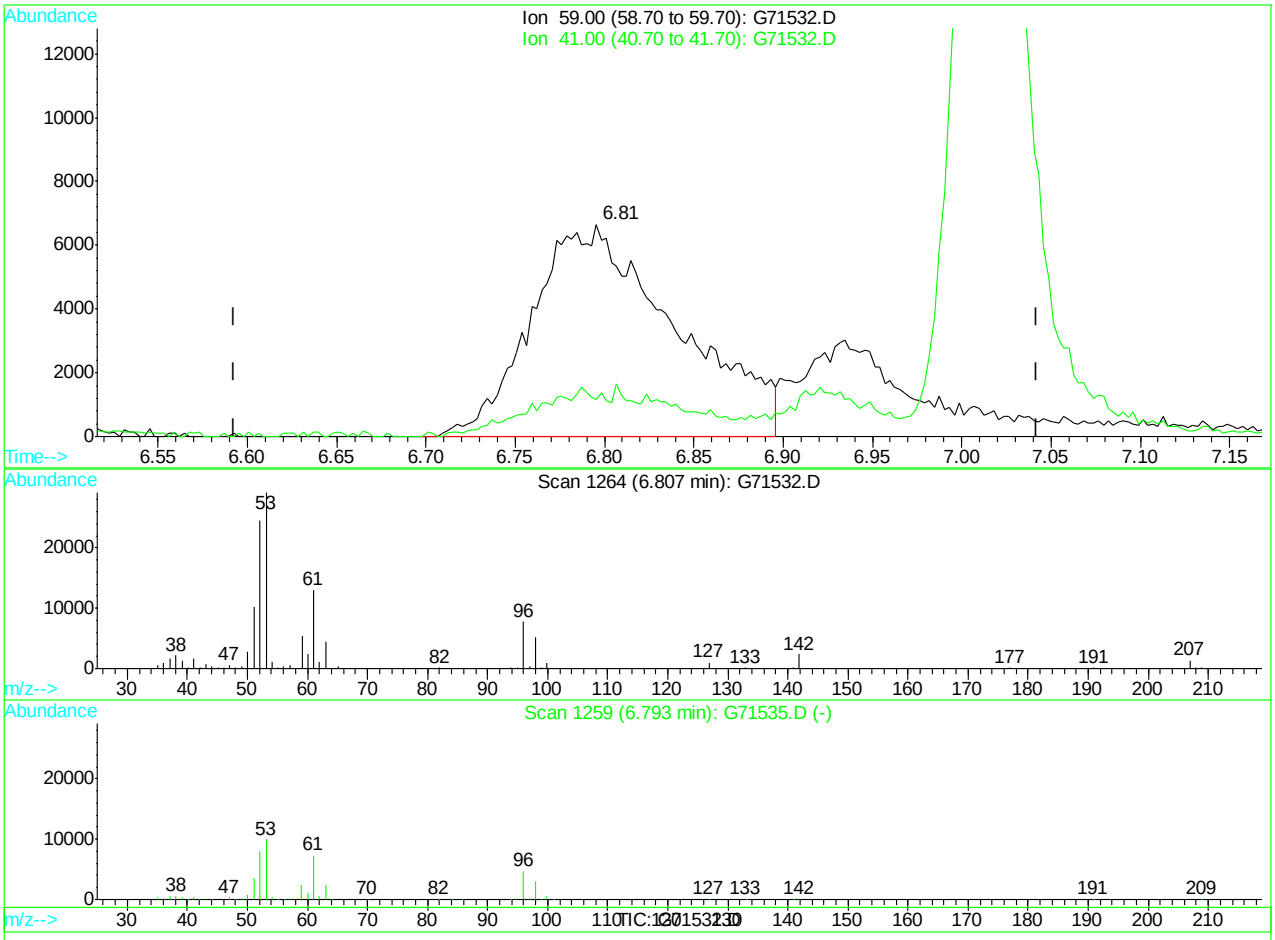
Ion	Exp%	Act%
59.00	100	100
41.00	18.40	22.85
0.00	0.00	0.00
0.00	0.00	0.00

G71532.D G071007W.M Wed Jul 11 12:02:26 2007 RPT1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71532.D Vial: 20
Acq On : 11 Jul 2007 12:57 am Operator: kimt
Sample : ic2872-25 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:02 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 11:59:17 2007
Response via : Multiple Level Calibration



(2) tertiary butyl alcohol (M)

6.81min 234.17ppb

response 37166

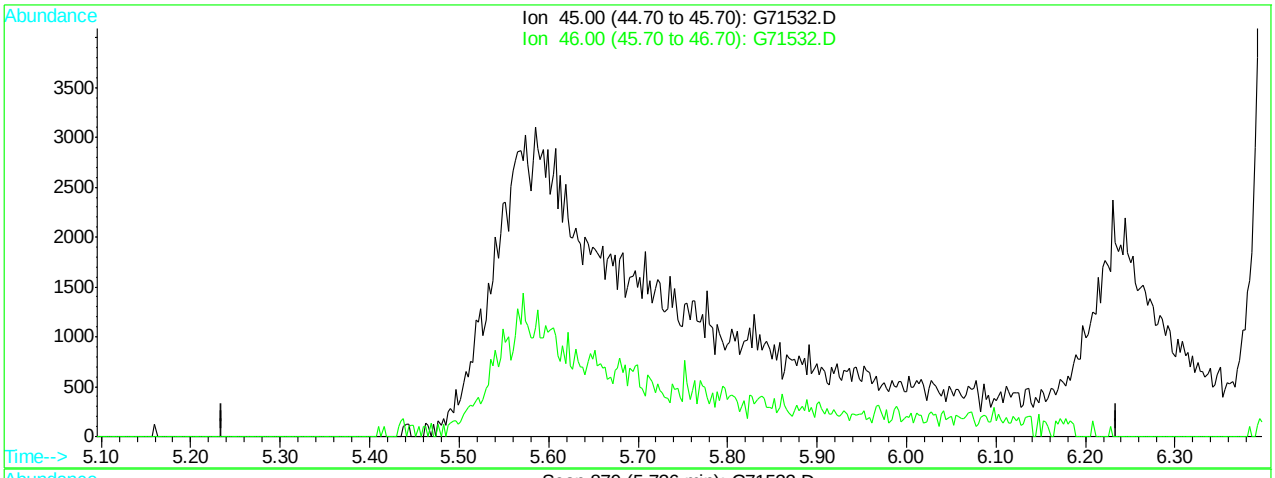
Ion	Exp%	Act%
59.00	100	100
41.00	18.40	30.87
0.00	0.00	0.00
0.00	0.00	0.00

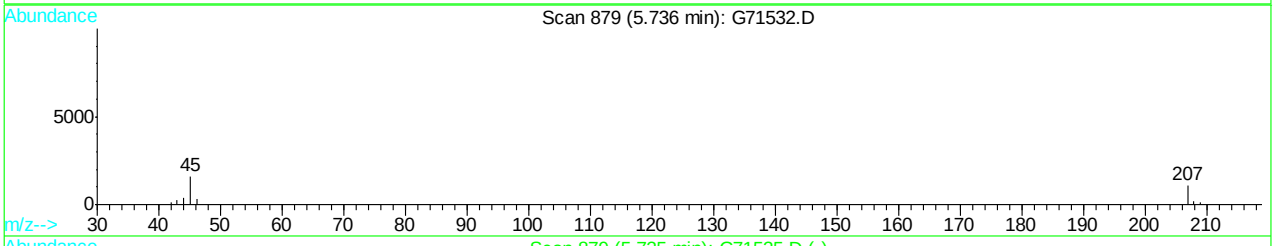
G71532.D G071007W.M Wed Jul 11 12:02:42 2007 RPT1

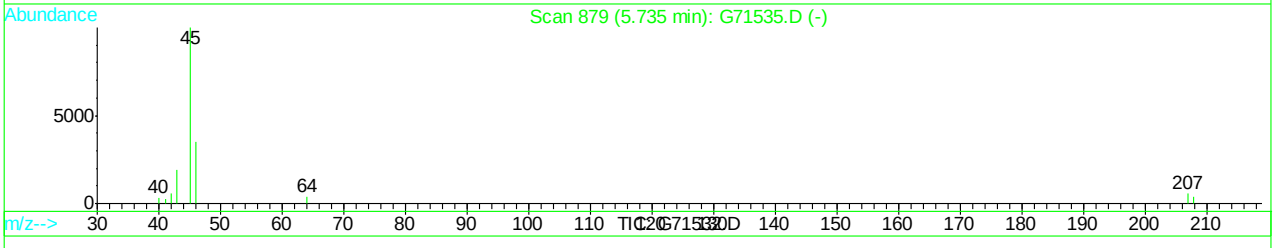
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71532.D Vial: 20
Acq On : 11 Jul 2007 12:57 am Operator: kimt
Sample : ic2872-25 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:02 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 11:59:17 2007
Response via : Multiple Level Calibration







(4) Ethanol (T)

5.74min 0.00ppb

response 0

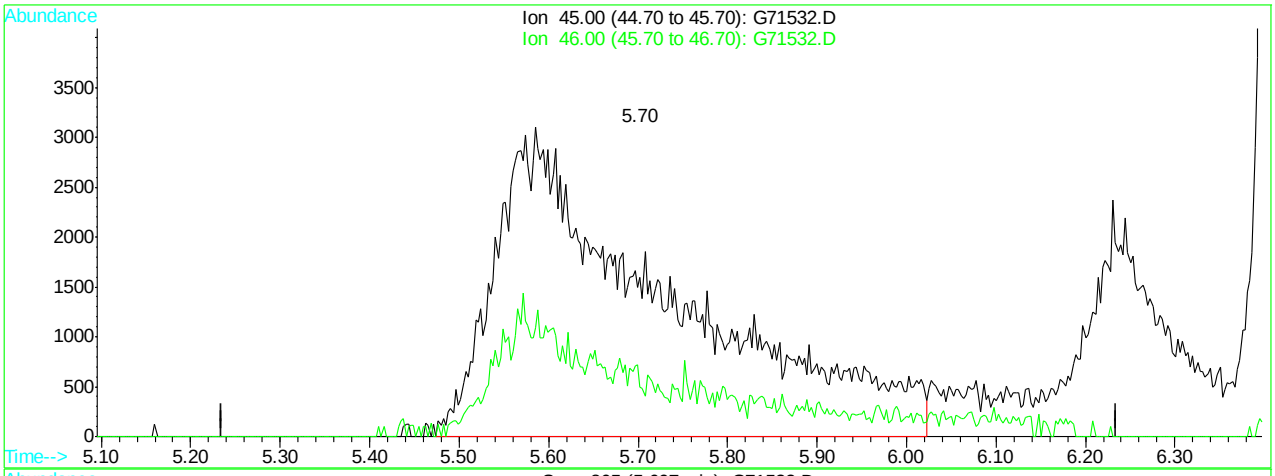
Ion	Exp%	Act%
45.00	100	0.00
46.00	37.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

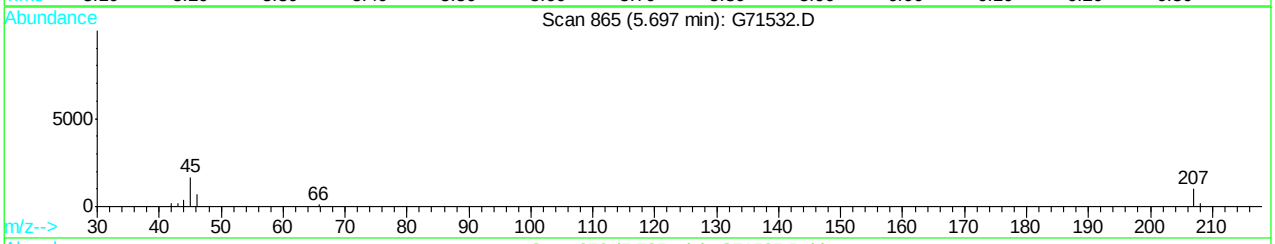
G71532.D G071007W.M Wed Jul 11 12:02:50 2007 RPT1

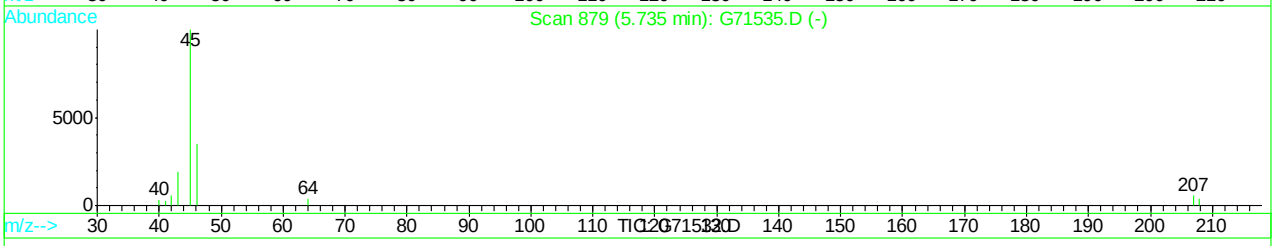
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71532.D Vial: 20
Acq On : 11 Jul 2007 12:57 am Operator: kimt
Sample : ic2872-25 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:02 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 11:59:17 2007
Response via : Multiple Level Calibration







(4) Ethanol (T)

5.70min 2455.71ppb m

response 40819

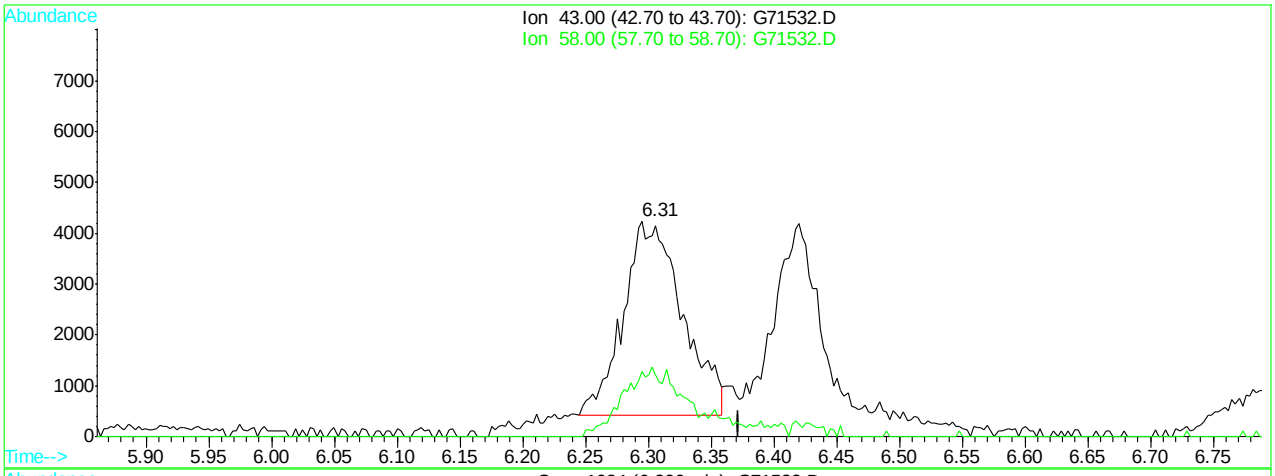
Ion	Exp%	Act%
45.00	100	100
46.00	37.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

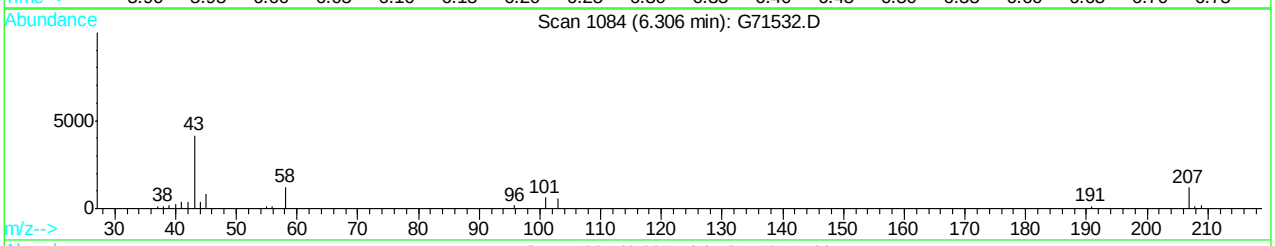
G71532.D G071007W.M Wed Jul 11 12:03:03 2007 RPT1

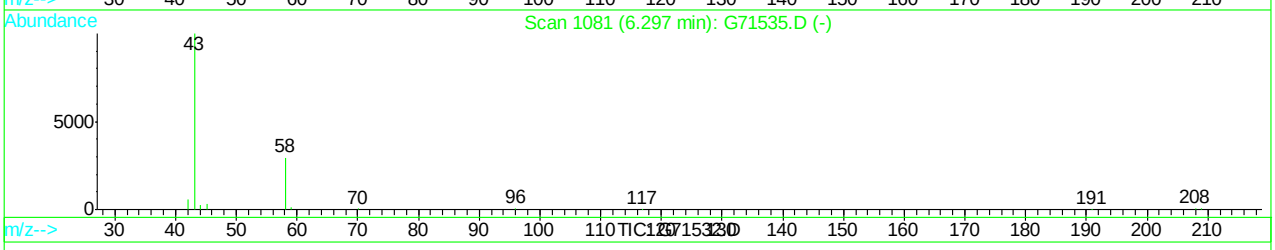
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71532.D Vial: 20
Acq On : 11 Jul 2007 12:57 am Operator: kimt
Sample : ic2872-25 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:02 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 11:59:17 2007
Response via : Multiple Level Calibration







(16) acetone (M)

6.31min 19.27ppb

response 12470

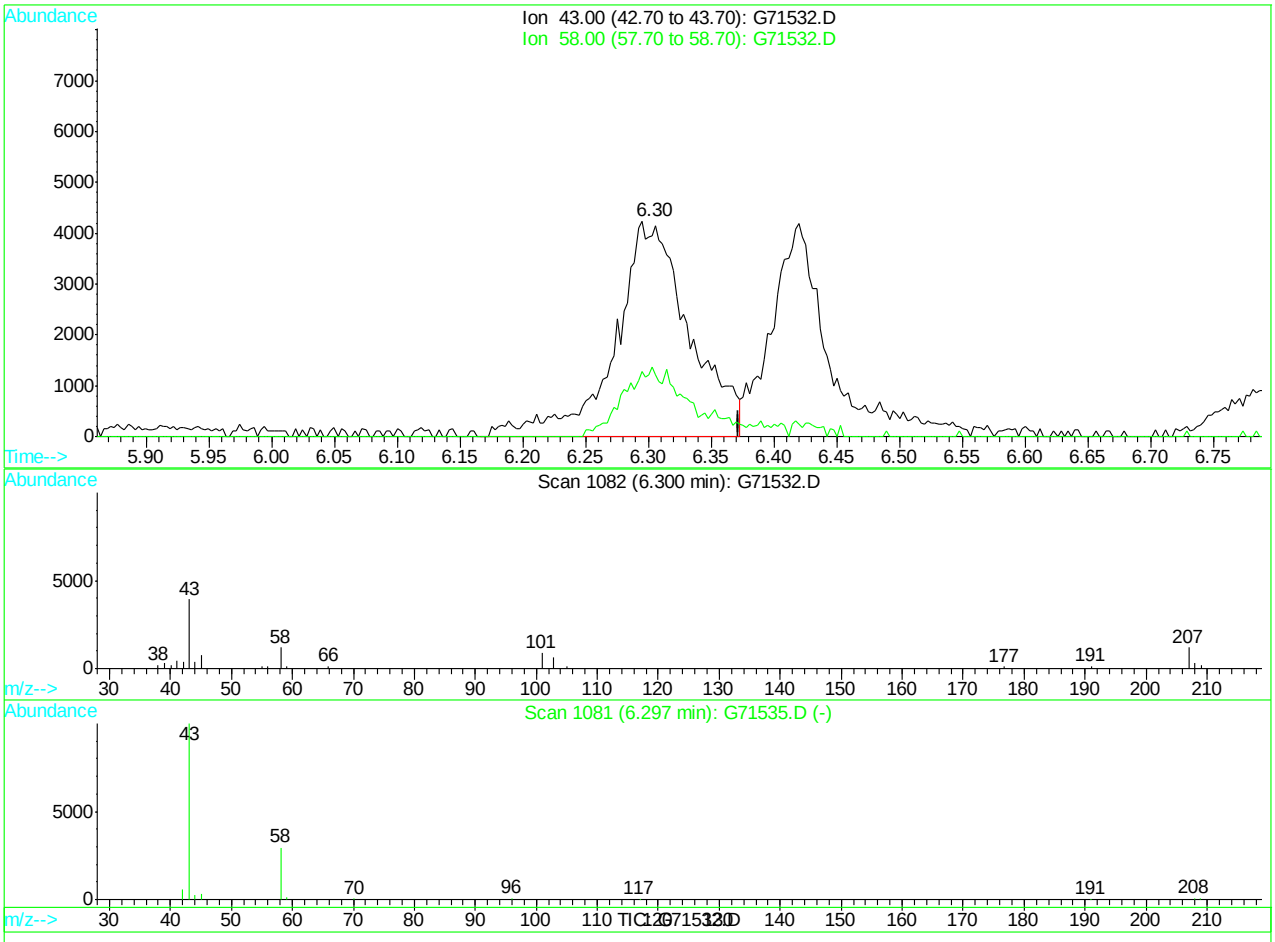
Ion	Exp%	Act%
43.00	100	100
58.00	28.80	32.91
0.00	0.00	0.00
0.00	0.00	0.00

G71532.D G071007W.M Wed Jul 11 12:03:22 2007 RPT1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71532.D Vial: 20
Acq On : 11 Jul 2007 12:57 am Operator: kimt
Sample : ic2872-25 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:03 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 11:59:17 2007
Response via : Multiple Level Calibration



(16) acetone (M)

6.30min 26.97ppb m

response 17452

Ion	Exp%	Act%
43.00	100	100
58.00	28.80	30.78
0.00	0.00	0.00
0.00	0.00	0.00

G71532.D G071007W.M Wed Jul 11 12:03:29 2007 RPT1

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani 07/19/07 15:51

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71533.D Vial: 21
Acq On : 11 Jul 2007 1:24 am Operator: kimt
Sample : ic2872-400 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 11:58 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 11:53:55 2007
Response via : Initial Calibration
DataAcq Meth : G8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.73	65	8090	50.00	ppb	0.01
3) pentafluorobenzene	9.11	168	206492	50.00	ppb	0.00
43) 1,4-difluorobenzene	9.98	114	303756	50.00	ppb	0.00
66) chlorobenzene-d5	13.25	82	166071	50.00	ppb	0.00
80) 1,4-dichlorobenzene-d4	15.81	152	151010	50.00	ppb	0.00

System Monitoring Compounds

40) dibromofluoromethane (s)	8.76	113	97418	52.26	ppb	0.00
Spiked Amount 50.000	Range 83 - 127		Recovery = 104.52%			
60) toluene-d8 (s)	11.79	98	382127	51.61	ppb	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 103.22%			
82) bromofluorobenzene (s)	14.47	95	145679	56.28	ppb	0.00
Spiked Amount 50.000	Range 81 - 119		Recovery = 112.56%			

Target Compounds

							Qvalue
2) tertiary butyl alcohol	6.80	59	749847m	3794.52	ppb		
4) Ethanol	5.71	45	835194m	49355.67	ppb		
5) dichlorodifluoromethane	4.44	85	676312	402.84	ppb		97
6) chloromethane	4.72	50	790842	393.85	ppb		100
7) vinyl chloride	4.95	62	796547	368.13	ppb		98
8) bromomethane	5.45	96	535127	378.41	ppb		99
9) chloroethane	5.59	64	573601	385.01	ppb		98
10) ethyl ether	6.42	59	797903	406.46	ppb		99
11) acetonitrile	6.15	41	163230	416.77	ppb		95
12) trichlorofluoromethane	6.24	101	1078059	401.17	ppb		99
13) freon-113	7.00	101	774810	398.69	ppb		98
14) acrolein	6.18	56	361386	1806.82	ppb		100
15) 1,1-dichloroethene	6.80	96	793149	398.59	ppb		97
16) acetone	6.30	43	271541	386.11	ppb		97
17) Methyl Acetate	6.95	43	1411573	433.15	ppb		98
18) methylene chloride	6.94	84	965729	399.95	ppb		96
19) methyl tert butyl ether	7.71	73	2742343	419.91	ppb		99
20) acrylonitrile	6.82	53	1889404	2061.26	ppb		99
21) allyl chloride	7.02	41	1387349	401.01	ppb		99
22) trans-1,2-dichloroethene	7.62	96	883194	401.09	ppb		98
23) iodomethane	6.86	142	1547873	403.98	ppb		97
24) carbon disulfide	7.23	76	2572811	395.44	ppb		100
25) propionitrile	6.82	54	72247	458.11	ppb		100
26) vinyl acetate	7.95	43	1434641	744.99	ppb		99
27) chloroprene	8.23	53	1141005	410.13	ppb		98
28) di-isopropyl ether	8.27	45	3141441	389.74	ppb		98
29) methacrylonitrile	8.37	41	673752	437.52	ppb		93
30) 2-butanone	8.26	72	125452	415.64	ppb	#	80
31) Hexane	8.26	41	1206054	388.32	ppb		98
32) 1,1-dichloroethane	7.87	63	1558805	408.68	ppb		100
33) tert-butyl ethyl ether	8.67	59	3105019	410.49	ppb		98
34) isobutyl alcohol	8.69	43	513405	2133.57	ppb		100
35) 2,2-dichloropropane	8.74	77	924707	426.86	ppb		100
36) cis-1,2-dichloroethene	8.44	96	994763	410.58	ppb		99
38) bromochloromethane	8.60	128	513239	421.25	ppb		96

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71533.D Vial: 21
Acq On : 11 Jul 2007 1:24 am Operator: kimt
Sample : ic2872-400 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 11:58 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 11:53:55 2007
Response via : Initial Calibration
DataAcq Meth : G8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
39) chloroform	8.64	83	1573660	424.42 ppb	100
41) Tetrahydrofuran	8.97	42	323794	438.89 ppb	97
42) 1,1,1-trichloroethane	9.40	97	1362794	424.83 ppb	99
44) Cyclohexane	9.69	56	1722647	395.15 ppb	98
45) carbon tetrachloride	9.76	117	1285794	429.10 ppb	98
46) 1,1-dichloropropene	9.57	75	1176177	409.35 ppb	100
47) benzene	9.79	78	3508799	400.60 ppb	99
48) 1,2-dichloroethane	9.29	62	1126112	432.43 ppb	98
49) tert-amyl methyl ether	9.91	73	3066043	412.99 ppb	98
50) heptane	10.27	43	1129770	397.47 ppb	99
51) trichloroethene	10.41	95	952338	391.40 ppb	98
52) 1,2-dichloropropane	10.37	63	897118	403.89 ppb	99
53) dibromomethane	10.35	93	578361	424.22 ppb	98
54) bromodichloromethane	10.46	83	1280035	426.76 ppb	98
55) Methylcyclohexane	10.94	83	1572540	398.83 ppb	98
56) 2-chloroethyl vinyl ether	10.83	63	101270	438.01 ppb	99
57) methyl methacrylate	10.55	69	710110	430.46 ppb	99
58) 1,4-dioxane	10.57	88	43738	2129.24 ppb	85
59) cis-1,3-dichloropropene	11.07	75	1437696	421.19 ppb	98
61) 4-methyl-2-pentanone	11.17	43	1037750	426.08 ppb	99
62) toluene	11.86	92	2257474	403.22 ppb	99
63) trans-1,3-dichloropropene	11.49	75	1271969	428.85 ppb	100
64) 1,1,2-trichloroethane	11.67	83	720320	421.04 ppb	99
65) ethyl methacrylate	11.87	69	1282655	419.31 ppb	90
67) tetrachloroethene	12.60	166	1085286	401.23 ppb	99
68) 1,3-dichloropropane	11.90	76	1454286	393.36 ppb	99
69) dibromochloromethane	12.20	129	1090430	415.26 ppb	100
70) 1,2-dibromoethane	12.45	107	921899	407.31 ppb	98
71) 2-hexanone	12.02	43	746107	407.54 ppb	99
72) chlorobenzene	13.28	112	2721722	396.05 ppb	99
73) 1,1,1,2-tetrachloroethane	13.20	131	1013249	415.97 ppb	97
74) ethylbenzene	13.46	91	4448605	389.76 ppb	98
75) m,p-xylene	13.64	106	3558535	763.35 ppb	99
76) o-xylene	14.06	106	1780797	388.07 ppb	96
77) styrene	13.98	104	2981335	413.00 ppb	99
78) bromoform	13.81	173	839533	413.61 ppb	100
79) trans-1,4-dichloro-2-buten	14.20	53	274162	413.68 ppb	95
81) isopropylbenzene	14.42	105	3903524	438.84 ppb	98
83) bromobenzene	14.71	156	1292252	460.77 ppb	95
84) 1,1,2,2-tetrachloroethane	14.05	83	1070246	494.37 ppb	100
85) 1,2,3-trichloropropane	14.20	75	1315739	462.24 ppb	100
86) n-propylbenzene	14.86	91	5013244	421.26 ppb	96
87) 2-chlorotoluene	14.98	91	3084824	438.01 ppb	98
88) 4-chlorotoluene	15.06	91	3135798	433.98 ppb	98
89) 1,3,5-trimethylbenzene	15.14	105	3402954	402.76 ppb	99
90) tert-butylbenzene	15.45	91	1774632	391.44 ppb	100
91) 1,2,4-trimethylbenzene	15.55	105	3480444	400.56 ppb	98
92) sec-butylbenzene	15.67	105	4049713	368.97 ppb	97
93) 1,3-dichlorobenzene	15.77	146	2124494	414.37 ppb	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71533.D Vial: 21
Acq On : 11 Jul 2007 1:24 am Operator: kimt
Sample : ic2872-400 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 11:58 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 11:53:55 2007
Response via : Initial Calibration
DataAcq Meth : G8260

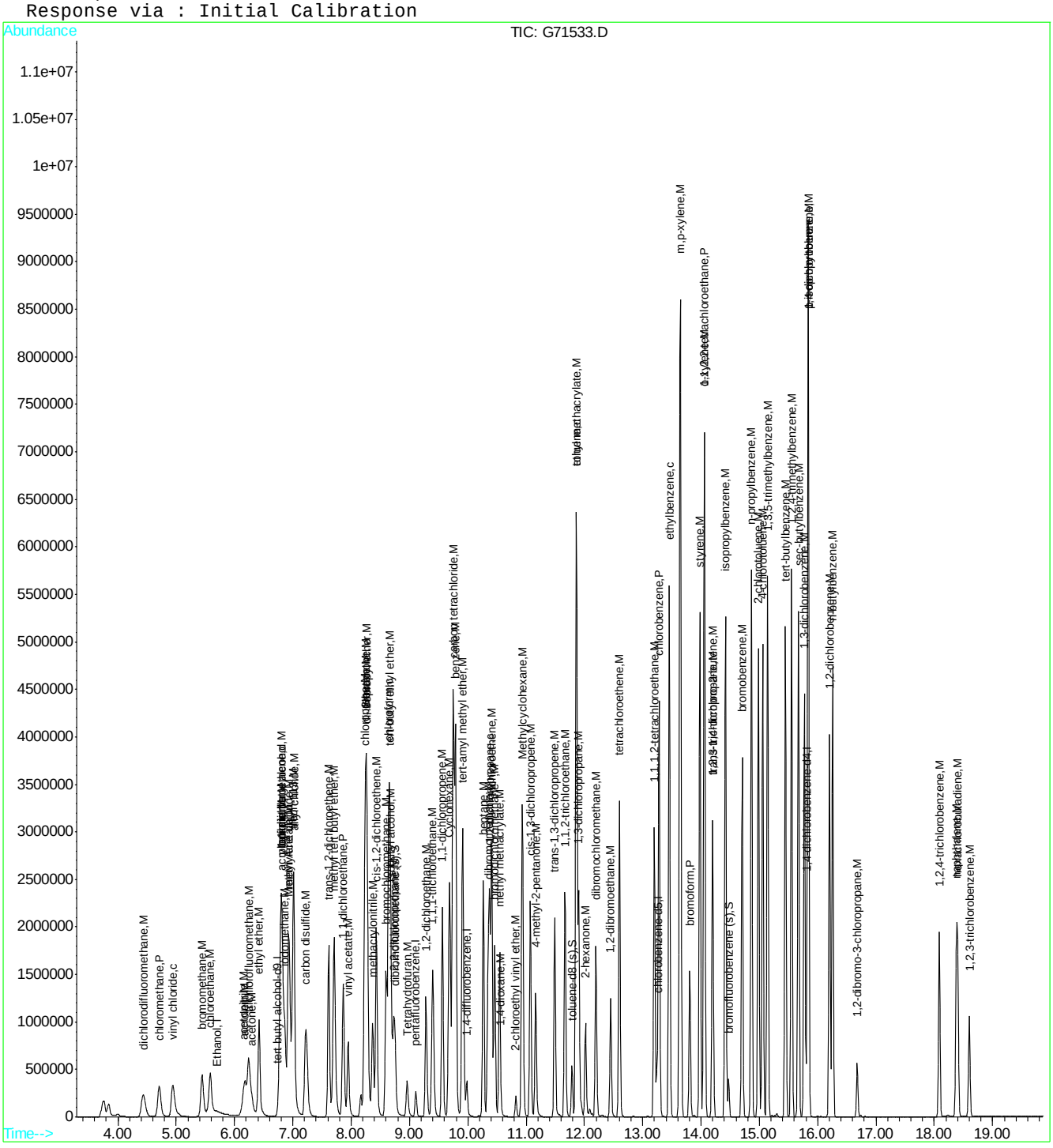
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
94)	p-isopropyltoluene	15.84	119	3400582	357.26 ppb	99
95)	1,4-dichlorobenzene	15.84	146	2215179	404.21 ppb	98
96)	1,2-dichlorobenzene	16.20	146	1878778	398.96 ppb	98
97)	n-butylbenzene	16.26	91	2823778	333.88 ppb	97
98)	1,2-dibromo-3-chloropropan	16.68	75	143510	407.29 ppb	93
99)	1,2,4-trichlorobenzene	18.09	180	753482	253.70 ppb	99
100)	hexachlorobutadiene	18.40	225	442469	271.59 ppb	99
101)	naphthalene	18.38	128	1496379	282.14 ppb	100
102)	1,2,3-trichlorobenzene	18.60	180	421292	222.66 ppb	98

(#) = qualifier out of range (m) = manual integration
G71533.D G071007W.M Wed Jul 11 12:00:05 2007 RPT1 Page 3

Quantitation Report

Data File : C:\HPCHEM\1\DATA\G71533.D Vial: 21
Acq On : 11 Jul 2007 1:24 am Operator: kimt
Sample : ic2872-400 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 11:58 2007 Quant Results File: G071007W.RES

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 11:59:17 2007
Response via : Initial Calibration

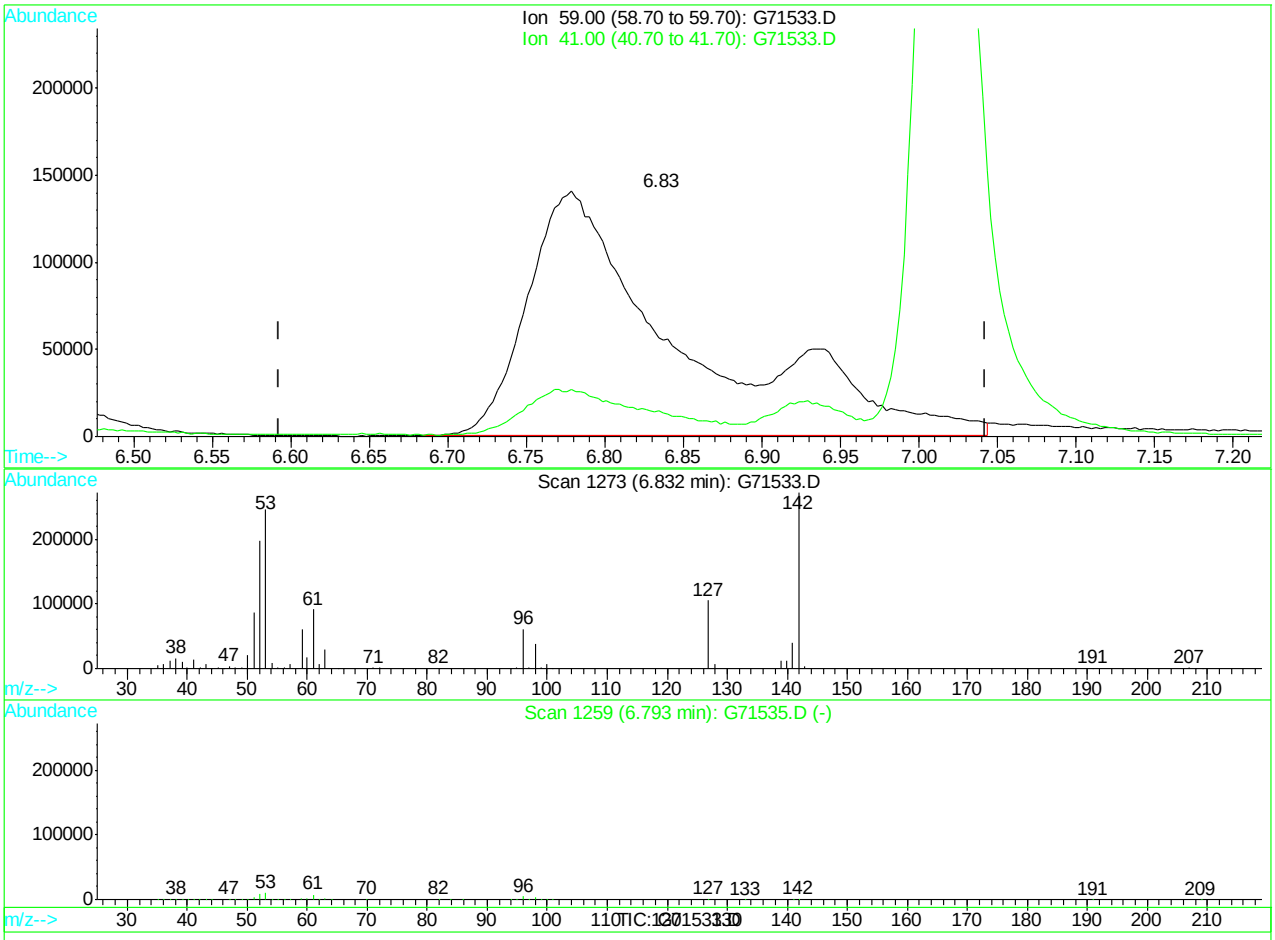


ACCUTEST Laboratories M66438

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71533.D Vial: 21
Acq On : 11 Jul 2007 1:24 am Operator: kimt
Sample : ic2872-400 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 11:56 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 11:53:55 2007
Response via : Multiple Level Calibration



(2) tertiary butyl alcohol (M)

6.83min 4846.91ppb

response 957813

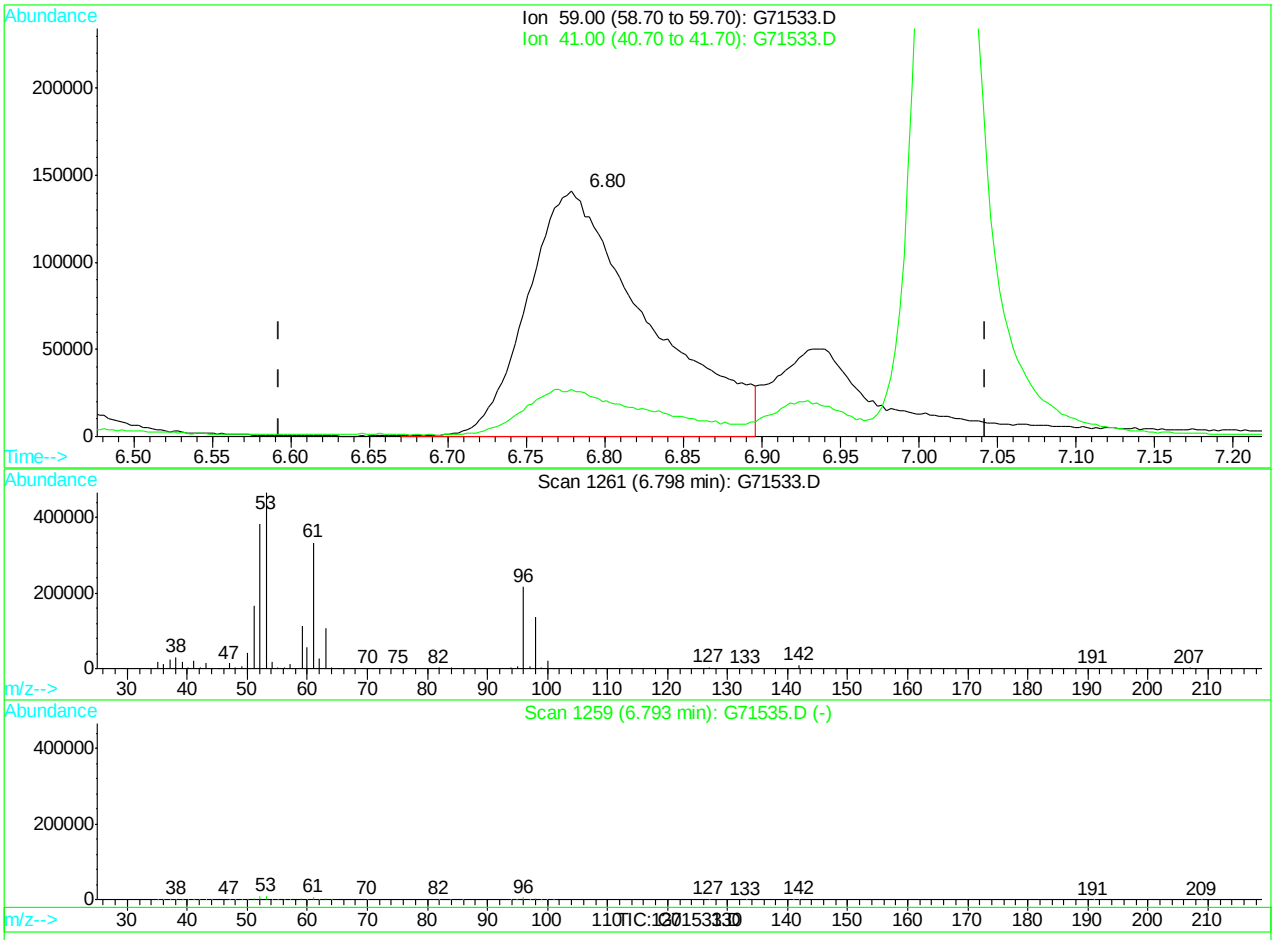
Ion	Exp%	Act%
59.00	100	100
41.00	18.40	21.63
0.00	0.00	0.00
0.00	0.00	0.00

G71533.D G071007W.M Wed Jul 11 11:57:28 2007 RPT1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71533.D Vial: 21
Acq On : 11 Jul 2007 1:24 am Operator: kimt
Sample : ic2872-400 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 11:57 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 11:53:55 2007
Response via : Multiple Level Calibration



(2) tertiary butyl alcohol (M)

6.80min 3794.52ppb m

response 749847

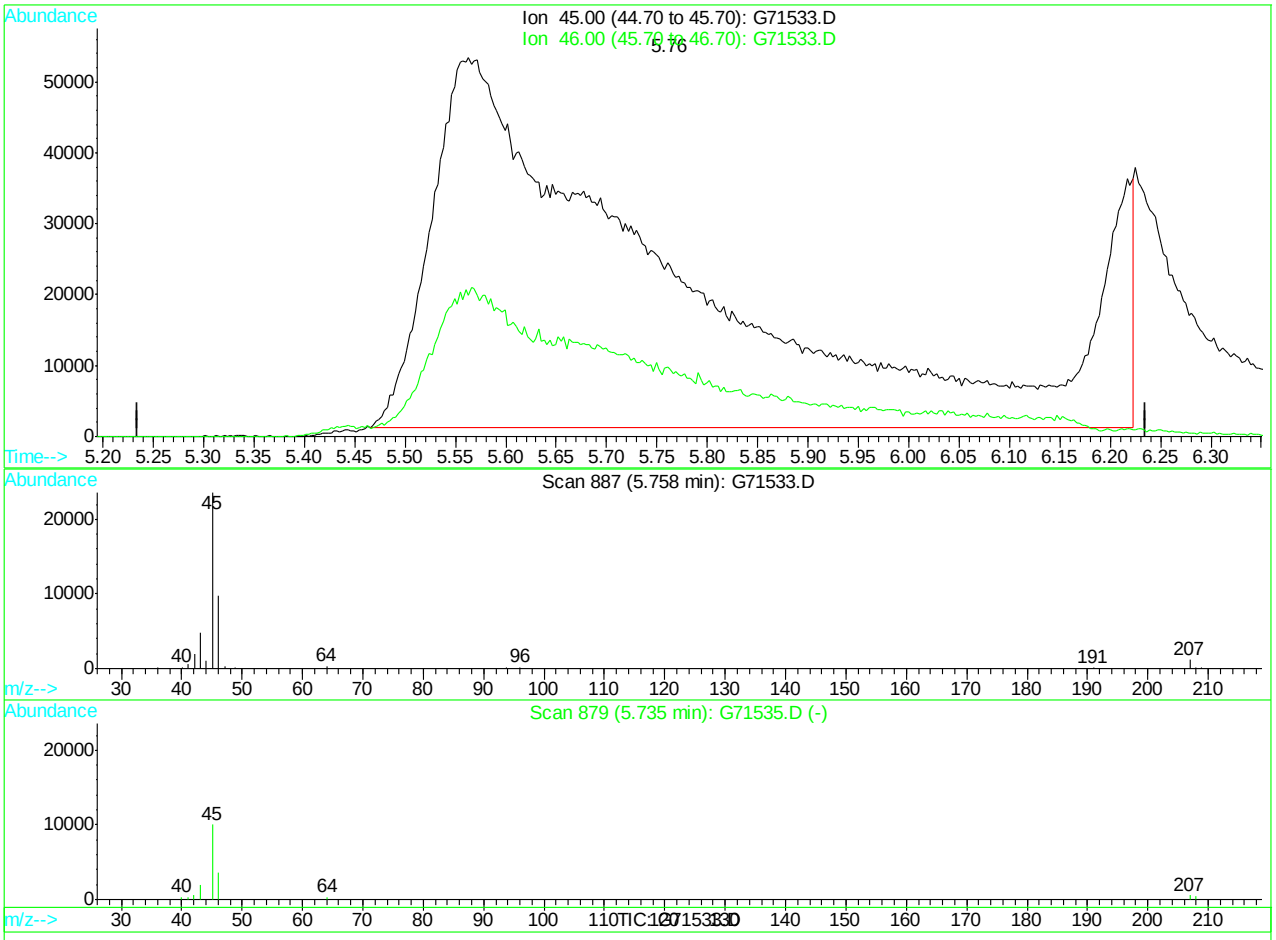
Ion	Exp%	Act%
59.00	100	100
41.00	18.40	18.04
0.00	0.00	0.00
0.00	0.00	0.00

G71533.D G071007W.M Wed Jul 11 11:57:41 2007 RPT1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71533.D Vial: 21
Acq On : 11 Jul 2007 1:24 am Operator: kimt
Sample : ic2872-400 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 11:57 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 11:53:55 2007
Response via : Multiple Level Calibration



(4) Ethanol (T)

5.76min 51546.44ppb

response 872266

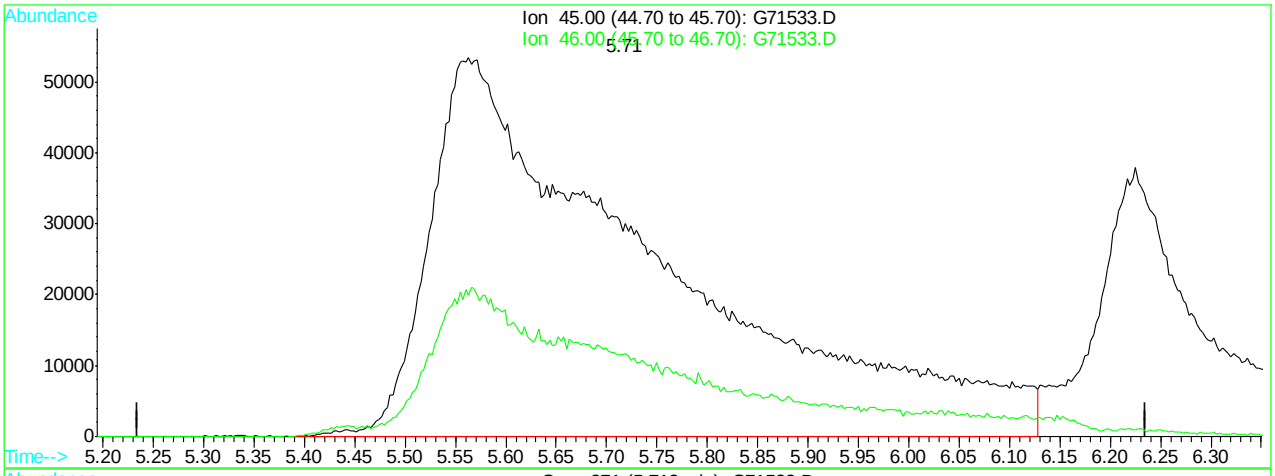
Ion	Exp%	Act%
45.00	100	100
46.00	37.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

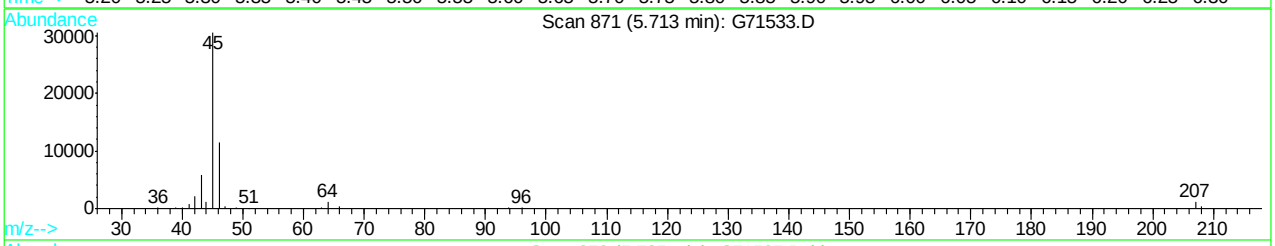
G71533.D G071007W.M Wed Jul 11 11:57:52 2007 RPT1

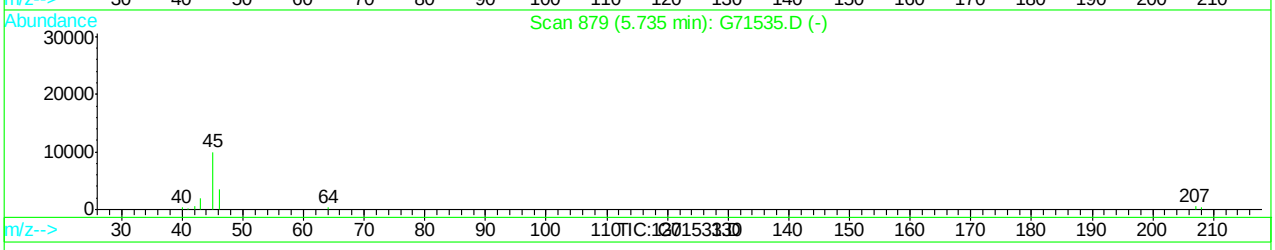
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71533.D Vial: 21
Acq On : 11 Jul 2007 1:24 am Operator: kimt
Sample : ic2872-400 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 11:57 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 11:53:55 2007
Response via : Multiple Level Calibration







(4) Ethanol (T)

5.71min 49355.67ppb m

response 835194

Ion	Exp%	Act%
45.00	100	100
46.00	37.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

G71533.D G071007W.M Wed Jul 11 11:57:59 2007 RPT1

G71534.D

Manual Integrations APPROVED (compounds with "m" flag)

Philip Bassignani 07/19/07 15:51

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71534.D Vial: 22
Acq On : 11 Jul 2007 1:50 am Operator: kimt
Sample : ic2872-200 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 11:53 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 11:49:23 2007
Response via : Initial Calibration
DataAcq Meth : G8260

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) tert butyl alcohol-d9	6.71	65	7163	50.00 ppb	0.00
3) pentafluorobenzene	9.11	168	224141	50.00 ppb	0.00
43) 1,4-difluorobenzene	9.98	114	326736	50.00 ppb	0.00
66) chlorobenzene-d5	13.24	82	174755	50.00 ppb	0.00
80) 1,4-dichlorobenzene-d4	15.81	152	181958	50.00 ppb	0.00

System Monitoring Compounds

40) dibromofluoromethane (s)	8.76	113	102496	50.98 ppb	0.00
Spiked Amount 50.000	Range 83 - 127		Recovery = 101.96%		
60) toluene-d8 (s)	11.79	98	400090	50.35 ppb	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 100.70%		
82) bromofluorobenzene (s)	14.47	95	158667	51.32 ppb	0.00
Spiked Amount 50.000	Range 81 - 119		Recovery = 102.64%		

Target Compounds

						Qvalue
2) tertiary butyl alcohol	6.79	59	370246m	2179.29 ppb		
4) Ethanol	5.69	45	387254m	21669.33 ppb		
5) dichlorodifluoromethane	4.44	85	372354	206.56 ppb		100
6) chloromethane	4.71	50	431592	197.04 ppb		99
7) vinyl chloride	4.95	62	457503	192.29 ppb		99
8) bromomethane	5.44	96	300783	193.98 ppb		95
9) chloroethane	5.58	64	318042	195.04 ppb		98
10) ethyl ether	6.42	59	426592	200.30 ppb		100
11) acetonitrile	6.15	41	85808	202.77 ppb		89
12) trichlorofluoromethane	6.23	101	586434	201.57 ppb		100
13) freon-113	7.00	101	429505	205.46 ppb		97
14) acrolein	6.17	56	204165	913.17 ppb		99
15) 1,1-dichloroethene	6.79	96	436570	203.19 ppb		99
16) acetone	6.30	43	156024m	206.65 ppb		
17) Methyl Acetate	6.94	43	721337	205.94 ppb	#	97
18) methylene chloride	6.93	84	522676	199.12 ppb		97
19) methyl tert butyl ether	7.71	73	1443231	205.43 ppb		99
20) acrylonitrile	6.82	53	1000383	1008.18 ppb		97
21) allyl chloride	7.02	41	750369	199.72 ppb		100
22) trans-1,2-dichloroethene	7.62	96	478369	200.21 ppb		99
23) iodomethane	6.85	142	832437	200.22 ppb		100
24) carbon disulfide	7.23	76	1412839	200.08 ppb		100
25) propionitrile	6.81	54	36509	220.59 ppb		100
26) vinyl acetate	7.95	43	519625	282.96 ppb		99
27) chloroprene	8.23	53	604596	200.31 ppb		97
28) di-isopropyl ether	8.27	45	1737871	197.95 ppb		99
29) methacrylonitrile	8.37	41	343875	208.71 ppb		97
30) 2-butanone	8.26	72	67485	209.11 ppb	#	82
31) Hexane	8.25	41	677998	201.67 ppb		98
32) 1,1-dichloroethane	7.86	63	830123	200.75 ppb		99
33) tert-butyl ethyl ether	8.67	59	1663726	203.97 ppb		99
34) isobutyl alcohol	8.69	43	268333	1041.54 ppb		96
35) 2,2-dichloropropane	8.73	77	482533	207.91 ppb		98
36) cis-1,2-dichloroethene	8.43	96	527411	200.82 ppb		99
38) bromochloromethane	8.60	128	266533	202.31 ppb		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71534.D Vial: 22
Acq On : 11 Jul 2007 1:50 am Operator: kimt
Sample : ic2872-200 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 11:53 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 11:49:23 2007
Response via : Initial Calibration
DataAcq Meth : G8260

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
39)	chloroform	8.64	83	817609	204.76	ppb	100
41)	Tetrahydrofuran	8.96	42	165066	209.33	ppb	98
42)	1,1,1-trichloroethane	9.40	97	705279	203.85	ppb	100
44)	Cyclohexane	9.69	56	944203	202.04	ppb	99
45)	carbon tetrachloride	9.76	117	662962	208.65	ppb	97
46)	1,1-dichloropropene	9.56	75	622474	202.12	ppb	99
47)	benzene	9.79	78	1889727	200.86	ppb	100
48)	1,2-dichloroethane	9.28	62	569302	204.90	ppb	100
49)	tert-amyl methyl ether	9.91	73	1621149	204.55	ppb	99
50)	heptane	10.26	43	611923	200.22	ppb	99
51)	trichloroethene	10.41	95	516732	196.17	ppb	99
52)	1,2-dichloropropane	10.37	63	476717	199.29	ppb	100
53)	dibromomethane	10.35	93	297811	204.65	ppb	98
54)	bromodichloromethane	10.46	83	654799	204.47	ppb	97
55)	Methylcyclohexane	10.93	83	869169	207.49	ppb	98
56)	2-chloroethyl vinyl ether	10.83	63	52469	216.93	ppb	99
57)	methyl methacrylate	10.55	69	361693	205.81	ppb	96
58)	1,4-dioxane	10.57	88	22788	1047.75	ppb	89
59)	cis-1,3-dichloropropene	11.07	75	738715	201.79	ppb	98
61)	4-methyl-2-pentanone	11.17	43	538800	208.61	ppb	99
62)	toluene	11.86	92	1204542	200.03	ppb	99
63)	trans-1,3-dichloropropene	11.49	75	650238	205.77	ppb	99
64)	1,1,2-trichloroethane	11.67	83	374095	204.97	ppb	99
65)	ethyl methacrylate	11.87	69	667169	204.18	ppb	98
67)	tetrachloroethene	12.60	166	559012	194.64	ppb	99
68)	1,3-dichloropropane	11.90	76	763222	194.33	ppb	99
69)	dibromochloromethane	12.20	129	552872	200.12	ppb	100
70)	1,2-dibromoethane	12.45	107	474924	199.11	ppb	100
71)	2-hexanone	12.02	43	385662	200.28	ppb	99
72)	chlorobenzene	13.28	112	1426418	195.90	ppb	100
73)	1,1,1,2-tetrachloroethane	13.20	131	517550	202.88	ppb	98
74)	ethylbenzene	13.45	91	2369471	195.95	ppb	100
75)	m,p-xylene	13.64	106	1949302	396.07	ppb	100
76)	o-xylene	14.05	106	963940	199.43	ppb	100
77)	styrene	13.98	104	1498666	195.96	ppb	100
78)	bromoform	13.81	173	435628	205.99	ppb	98
79)	trans-1,4-dichloro-2-buten	14.19	53	144415	210.81	ppb	94
81)	isopropylbenzene	14.42	105	2174308	204.33	ppb	100
83)	bromobenzene	14.70	156	690965	206.78	ppb	97
84)	1,1,2,2-tetrachloroethane	14.05	83	557135	221.09	ppb	100
85)	1,2,3-trichloropropane	14.20	75	708601	210.07	ppb	100
86)	n-propylbenzene	14.86	91	2896738	203.03	ppb	98
87)	2-chlorotoluene	14.98	91	1721245	204.28	ppb	100
88)	4-chlorotoluene	15.06	91	1771080	205.18	ppb	98
89)	1,3,5-trimethylbenzene	15.14	105	2056378	203.00	ppb	98
90)	tert-butylbenzene	15.45	91	1099149	201.82	ppb	100
91)	1,2,4-trimethylbenzene	15.55	105	2106697	201.83	ppb	99
92)	sec-butylbenzene	15.67	105	2618408	197.00	ppb	98
93)	1,3-dichlorobenzene	15.77	146	1246388	202.64	ppb	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71534.D Vial: 22
Acq On : 11 Jul 2007 1:50 am Operator: kimt
Sample : ic2872-200 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 11:53 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 11:49:23 2007
Response via : Initial Calibration
DataAcq Meth : G8260

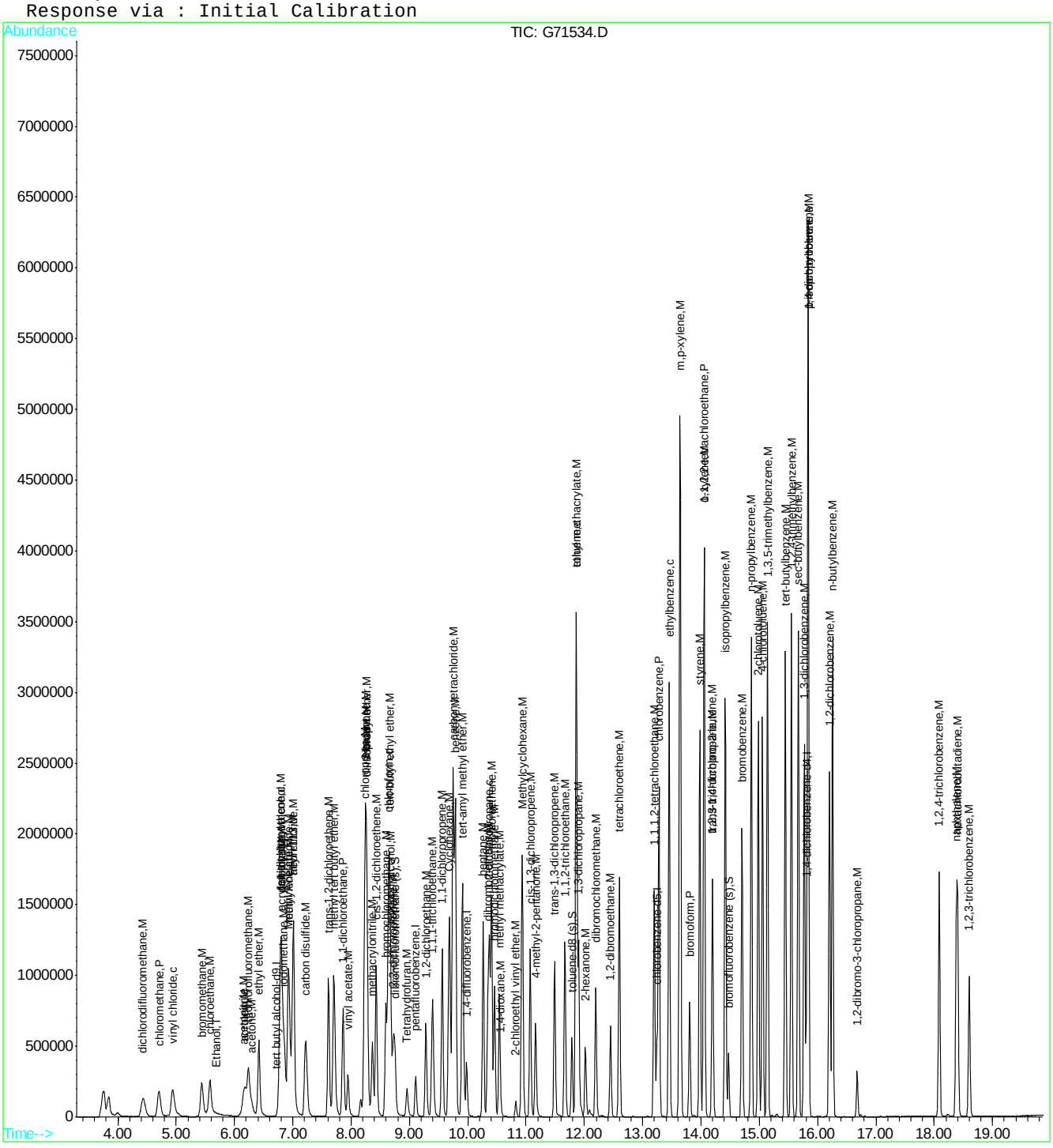
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
94)	p-isopropyltoluene	15.84	119	2299898	200.80 ppb	99
95)	1,4-dichlorobenzene	15.84	146	1347387	206.13 ppb	99
96)	1,2-dichlorobenzene	16.20	146	1134711	199.96 ppb	98
97)	n-butylbenzene	16.25	91	2001951	194.72 ppb	100
98)	1,2-dibromo-3-chloropropan	16.68	75	82238	190.69 ppb	96
99)	1,2,4-trichlorobenzene	18.08	180	671556	182.04 ppb	100
100)	hexachlorobutadiene	18.40	225	365665	180.09 ppb	99
101)	naphthalene	18.38	128	1187484	179.45 ppb	100
102)	1,2,3-trichlorobenzene	18.60	180	409338	170.81 ppb	99

(#) = qualifier out of range (m) = manual integration
G71534.D G071007W.M Wed Jul 11 11:54:07 2007 RPT1 Page 3

Quantitation Report

Data File : C:\HPCHEM\1\DATA\G71534.D Vial: 22
Acq On : 11 Jul 2007 1:50 am Operator: kimt
Sample : ic2872-200 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 11:53 2007 Quant Results File: G071007W.RES

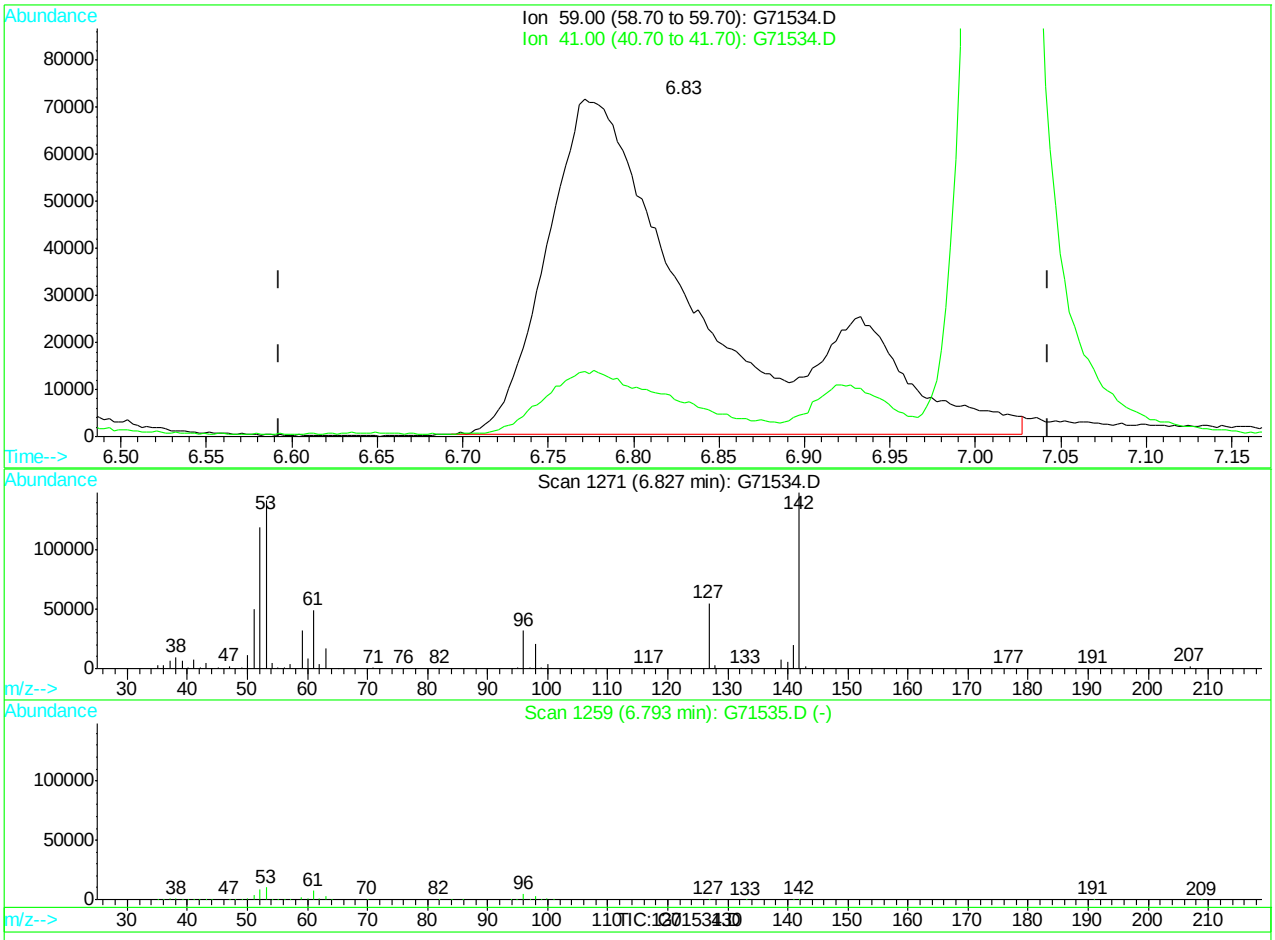
Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 11:53:55 2007
Response via : Initial Calibration



Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71534.D Vial: 22
Acq On : 11 Jul 2007 1:50 am Operator: kimt
Sample : ic2872-200 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 11:50 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 11:49:23 2007
Response via : Multiple Level Calibration



(2) tertiary butyl alcohol (M)

6.83min 2722.85ppb

response 462593

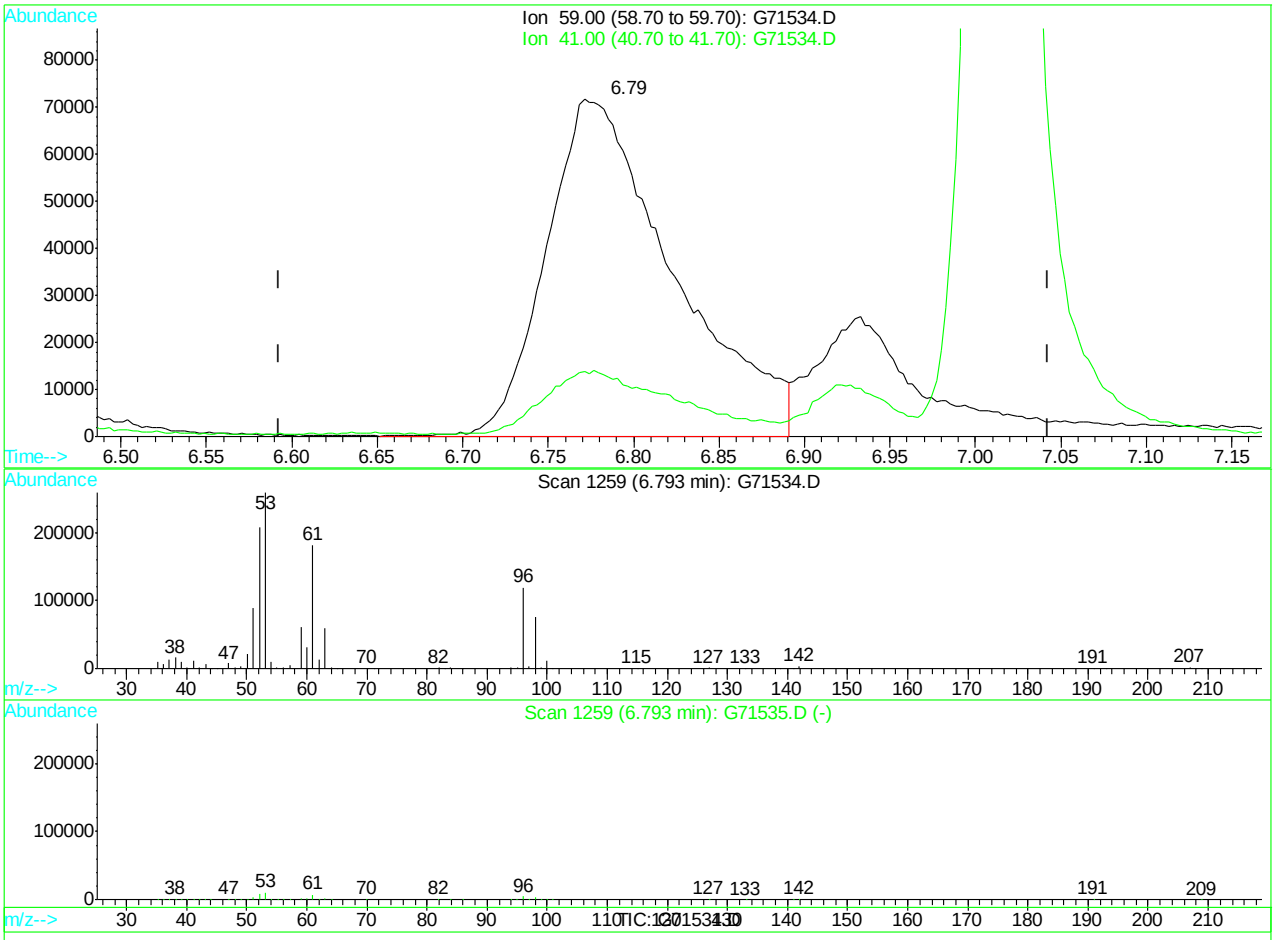
Ion	Exp%	Act%
59.00	100	100
41.00	18.40	21.83
0.00	0.00	0.00
0.00	0.00	0.00

G71534.D G071007W.M Wed Jul 11 11:51:36 2007 RPT1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71534.D Vial: 22
Acq On : 11 Jul 2007 1:50 am Operator: kimt
Sample : ic2872-200 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 11:51 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 11:49:23 2007
Response via : Multiple Level Calibration



(2) tertiary butyl alcohol (M)

6.79min 2179.29ppb m

response 370246

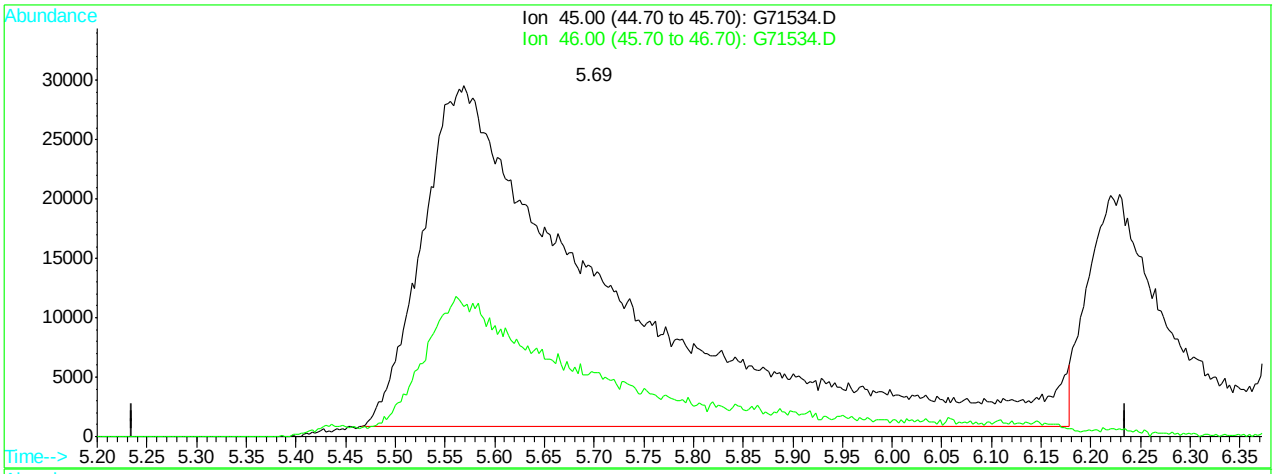
Ion	Exp%	Act%
59.00	100	100
41.00	18.40	18.15
0.00	0.00	0.00
0.00	0.00	0.00

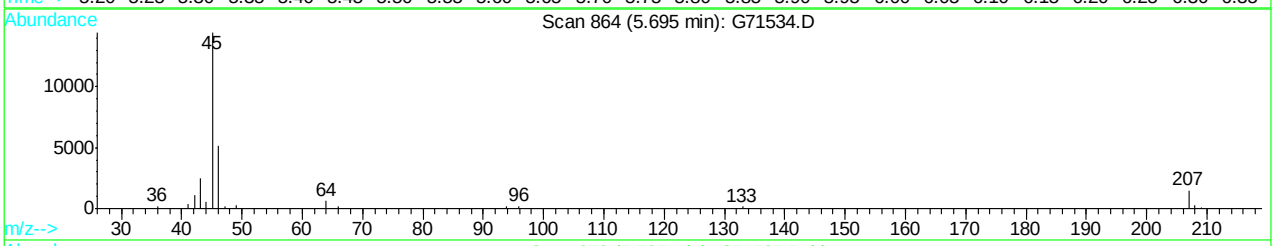
G71534.D G071007W.M Wed Jul 11 11:51:53 2007 RPT1

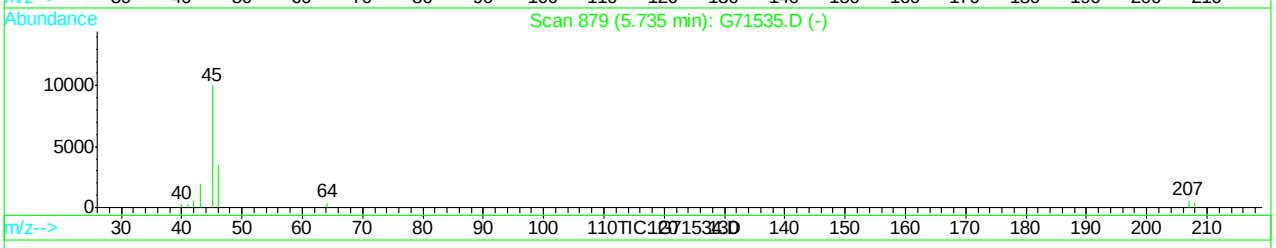
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71534.D Vial: 22
Acq On : 11 Jul 2007 1:50 am Operator: kimt
Sample : ic2872-200 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 11:51 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 11:49:23 2007
Response via : Multiple Level Calibration







(4) Ethanol (T)

5.69min 20353.30ppb

response 363735

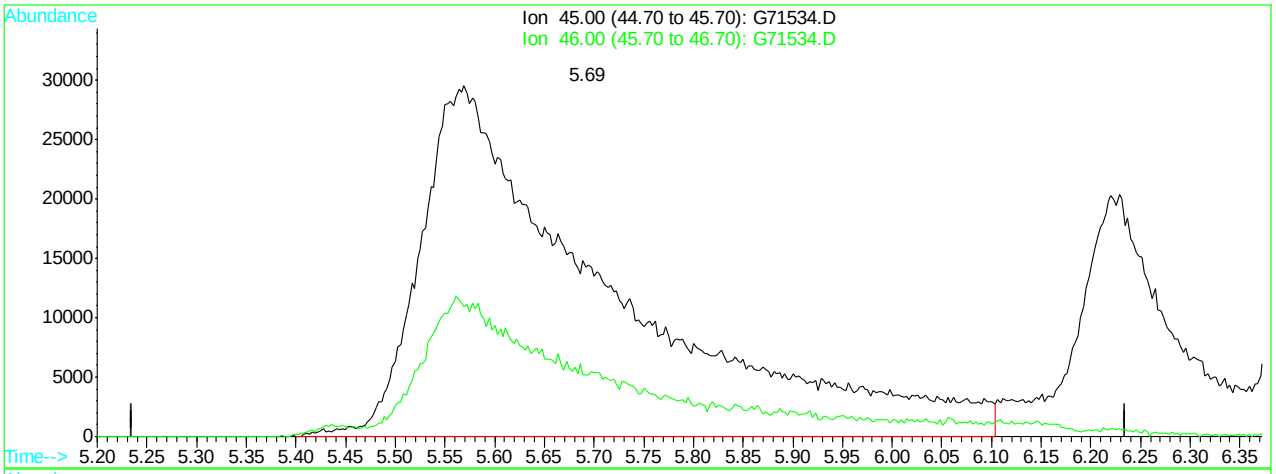
Ion	Exp%	Act%
45.00	100	100
46.00	37.70	39.53
0.00	0.00	0.00
0.00	0.00	0.00

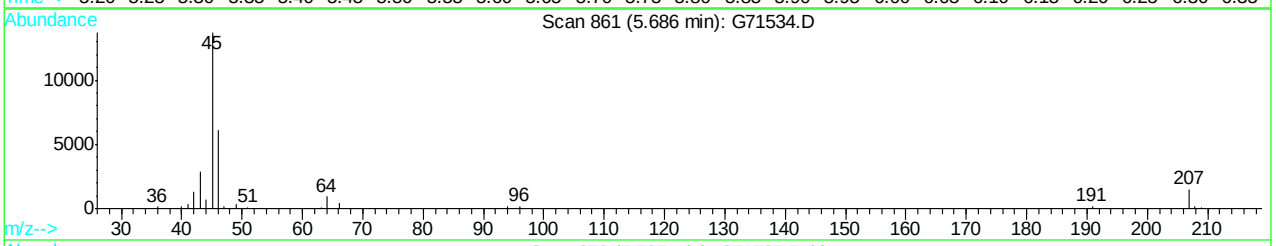
G71534.D G071007W.M Wed Jul 11 11:52:09 2007 RPT1

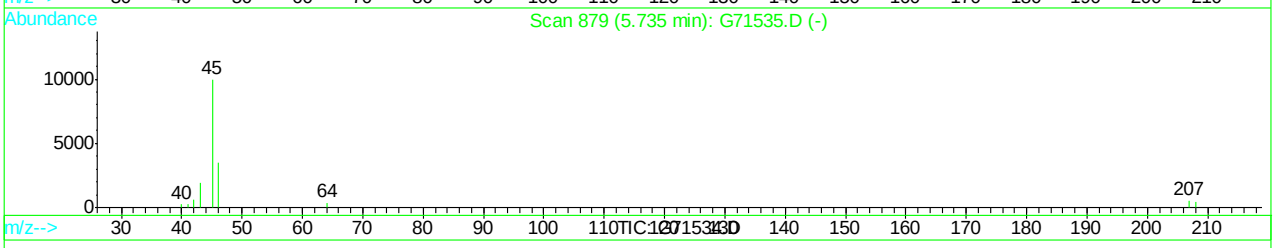
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71534.D Vial: 22
Acq On : 11 Jul 2007 1:50 am Operator: kimt
Sample : ic2872-200 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 11:52 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 11:49:23 2007
Response via : Multiple Level Calibration







(4) Ethanol (T)

5.69min 21669.33ppb m

response 387254

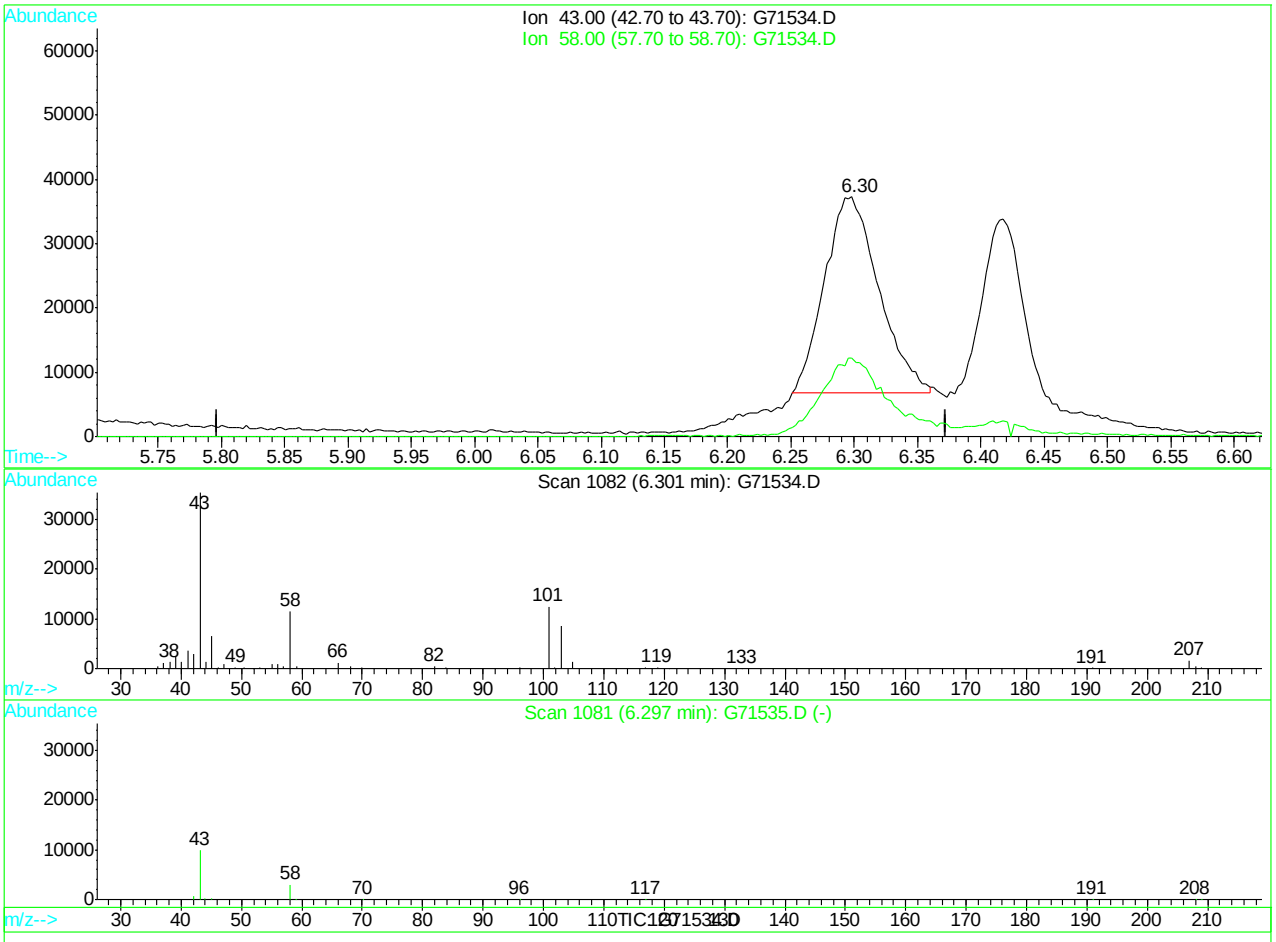
Ion	Exp%	Act%
45.00	100	100
46.00	37.70	37.13
0.00	0.00	0.00
0.00	0.00	0.00

G71534.D G071007W.M Wed Jul 11 11:52:19 2007 RPT1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71534.D Vial: 22
Acq On : 11 Jul 2007 1:50 am Operator: kimt
Sample : ic2872-200 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 11:52 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 11:49:23 2007
Response via : Multiple Level Calibration



(16) acetone (M)

6.30min 120.86ppb

response 91247

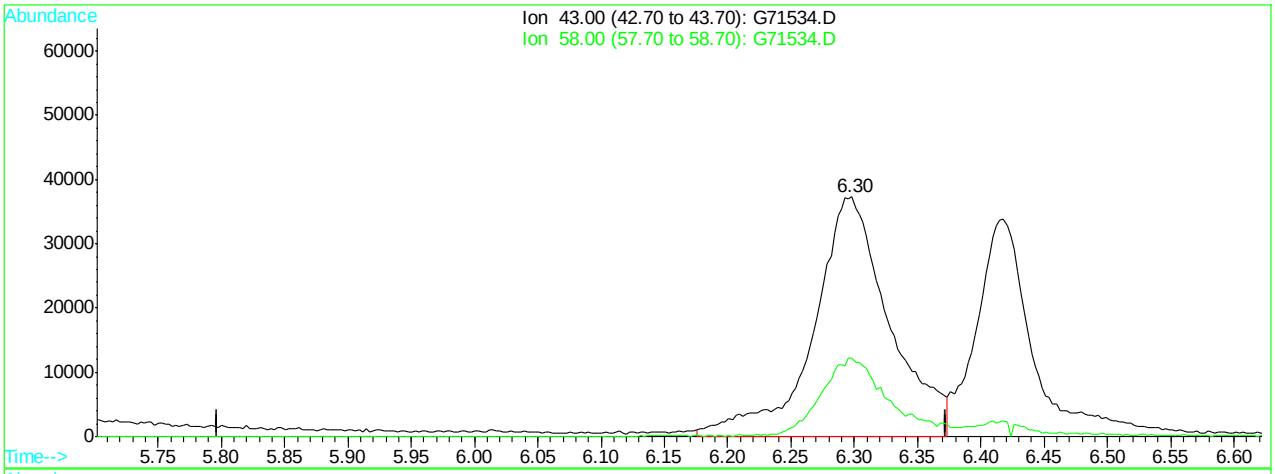
Ion	Exp%	Act%
43.00	100	100
58.00	28.80	35.54
0.00	0.00	0.00
0.00	0.00	0.00

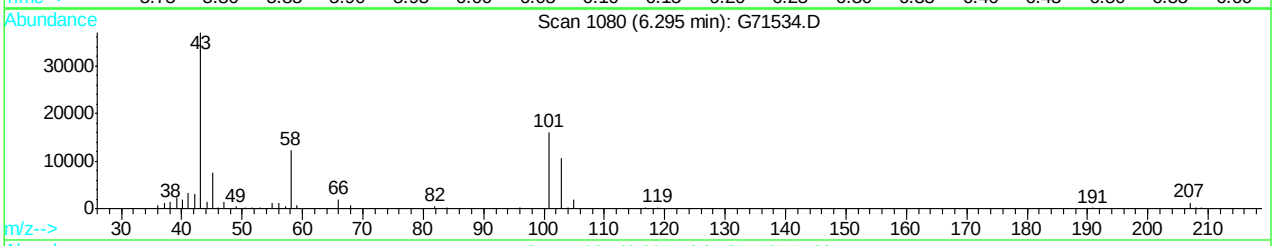
G71534.D G071007W.M Wed Jul 11 11:52:37 2007 RPT1

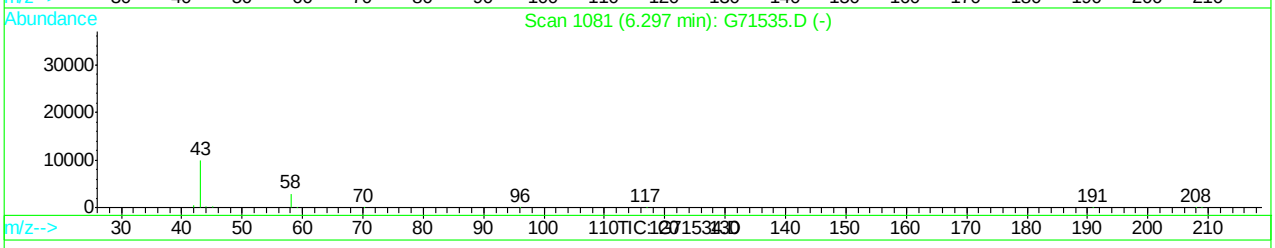
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71534.D Vial: 22
Acq On : 11 Jul 2007 1:50 am Operator: kimt
Sample : ic2872-200 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 11:52 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 11:49:23 2007
Response via : Multiple Level Calibration







(16) acetone (M)

6.30min 206.65ppb m

response 156024

Ion	Exp%	Act%
43.00	100	100
58.00	28.80	33.14
0.00	0.00	0.00
0.00	0.00	0.00

G71534.D G071007W.M Wed Jul 11 11:52:45 2007 RPT1

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani 07/19/07 15:51

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71535.D Vial: 23
Acq On : 11 Jul 2007 2:17 am Operator: kimt
Sample : icc2872-100 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 11:42 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 11:38:24 2007
Response via : Initial Calibration
DataAcq Meth : G8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.71	65	7268	50.00	ppb	0.00
3) pentafluorobenzene	9.11	168	229467	50.00	ppb	0.00
43) 1,4-difluorobenzene	9.98	114	333740	50.00	ppb	0.00
66) chlorobenzene-d5	13.24	82	173597	50.00	ppb	0.00
80) 1,4-dichlorobenzene-d4	15.81	152	188792	50.00	ppb	0.00

System Monitoring Compounds

40) dibromofluoromethane (s)	8.76	113	102996	59.62	ppb	0.00
Spiked Amount 50.000	Range 83 - 127		Recovery = 119.24%			
60) toluene-d8 (s)	11.79	98	408791	53.63	ppb	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 107.26%			
82) bromofluorobenzene (s)	14.47	95	159602	58.23	ppb	0.00
Spiked Amount 50.000	Range 81 - 119		Recovery = 116.46%			

Target Compounds

							Qvalue
2) tertiary butyl alcohol	6.79	59	169985m	1975.27	ppb		
4) Ethanol	5.74	45	188497m	13974.58	ppb		
5) dichlorodifluoromethane	4.44	85	194789	108.66	ppb		96
6) chloromethane	4.71	50	226133	147.80	ppb		100
7) vinyl chloride	4.95	62	248360	141.10	ppb		99
8) bromomethane	5.44	96	157886	125.17	ppb		94
9) chloroethane	5.58	64	170250	128.51	ppb		96
10) ethyl ether	6.42	59	217479	138.18	ppb		94
11) acetonitrile	6.16	41	46531	188.21	ppb		83
12) trichlorofluoromethane	6.23	101	304521	122.59	ppb		97
13) freon-113	7.00	101	225136	127.47	ppb		88
14) acrolein	6.17	56	112951	823.75	ppb		98
15) 1,1-dichloroethene	6.79	96	222654	113.94	ppb		84
16) acetone	6.30	43	77283m	146.43	ppb		
17) Methyl Acetate	6.94	43	365884	151.92	ppb		97
18) methylene chloride	6.93	84	268099	113.82	ppb		92
19) methyl tert butyl ether	7.71	73	720376	129.39	ppb		95
20) acrylonitrile	6.82	53	509296	734.96	ppb		97
21) allyl chloride	7.02	41	383516	142.56	ppb		94
22) trans-1,2-dichloroethene	7.62	96	243454	114.86	ppb		88
23) iodomethane	6.85	142	429975	107.55	ppb		93
24) carbon disulfide	7.22	76	732982	121.19	ppb		100
25) propionitrile	6.81	54	17774	150.58	ppb		100
26) vinyl acetate	7.95	43	229833	69.44	ppb		99
27) chloroprene	8.23	53	308422	138.18	ppb		92
28) di-isopropyl ether	8.27	45	895738	145.37	ppb		95
29) methacrylonitrile	8.37	41	166995	144.31	ppb		97
30) 2-butanone	8.26	72	32805	142.62	ppb	#	86
31) Hexane	8.25	41	352666	137.23	ppb		98
32) 1,1-dichloroethane	7.86	63	422725	133.41	ppb		97
33) tert-butyl ethyl ether	8.67	59	841464	137.65	ppb		96
34) isobutyl alcohol	8.69	43	134646	760.59	ppb		90
35) 2,2-dichloropropane	8.73	77	242694	98.57	ppb		96
36) cis-1,2-dichloroethene	8.43	96	268727	115.38	ppb		92
38) bromochloromethane	8.60	128	136235	111.72	ppb	#	83

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71535.D Vial: 23
Acq On : 11 Jul 2007 2:17 am Operator: kimt
Sample : icc2872-100 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 11:42 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 11:38:24 2007
Response via : Initial Calibration
DataAcq Meth : G8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
39)	chloroform	8.64	83	409516	127.88	ppb		99
41)	Tetrahydrofuran	8.97	42	81165	145.64	ppb		94
42)	1,1,1-trichloroethane	9.40	97	359259	126.46	ppb		97
44)	Cyclohexane	9.69	56	491117	128.96	ppb		90
45)	carbon tetrachloride	9.76	117	331461	117.72	ppb		97
46)	1,1-dichloropropene	9.56	75	315922	115.00	ppb		95
47)	benzene	9.79	78	959445	111.14	ppb		99
48)	1,2-dichloroethane	9.28	62	284587	119.15	ppb		94
49)	tert-amyl methyl ether	9.91	73	815953	113.70	ppb		95
50)	heptane	10.26	43	324339	114.85	ppb		97
51)	trichloroethene	10.41	95	265496	118.83	ppb		88
52)	1,2-dichloropropane	10.37	63	243987	121.79	ppb		98
53)	dibromomethane	10.34	93	148675	110.47	ppb		88
54)	bromodichloromethane	10.46	83	328725	116.48	ppb		97
55)	Methylcyclohexane	10.93	83	445682	112.65	ppb		93
56)	2-chloroethyl vinyl ether	10.83	63	25617	29.49	ppb		95
57)	methyl methacrylate	10.55	69	181122	120.11	ppb		90
58)	1,4-dioxane	10.58	88	11238	746.11	ppb		85
59)	cis-1,3-dichloropropene	11.07	75	375197	112.99	ppb		93
61)	4-methyl-2-pentanone	11.17	43	265678	129.55	ppb		95
62)	toluene	11.86	92	619385	105.61	ppb		98
63)	trans-1,3-dichloropropene	11.49	75	326532	116.30	ppb		93
64)	1,1,2-trichloroethane	11.67	83	187463	115.75	ppb		97
65)	ethyl methacrylate	11.87	69	332378	117.46	ppb		92
67)	tetrachloroethene	12.60	166	284703	79.95	ppb		96
68)	1,3-dichloropropane	11.90	76	388863	104.81	ppb		99
69)	dibromochloromethane	12.20	129	274559	96.07	ppb		98
70)	1,2-dibromoethane	12.45	107	236411	95.23	ppb		98
71)	2-hexanone	12.02	43	192175	116.41	ppb		97
72)	chlorobenzene	13.28	112	720815	90.79	ppb		94
73)	1,1,1,2-tetrachloroethane	13.20	131	254763	90.56	ppb		96
74)	ethylbenzene	13.45	91	1200273	97.14	ppb		97
75)	m,p-xylene	13.64	106	980024	183.03	ppb		96
76)	o-xylene	14.05	106	482458	93.49	ppb		96
77)	styrene	13.98	104	744092	86.53	ppb		93
78)	bromoform	13.80	173	212133	94.42	ppb		98
79)	trans-1,4-dichloro-2-buten	14.19	53	68962	164.58	ppb	#	64
81)	isopropylbenzene	14.42	105	1099412	109.57	ppb		97
83)	bromobenzene	14.70	156	346856	99.84	ppb		88
84)	1,1,2,2-tetrachloroethane	14.05	83	272922	107.35	ppb		99
85)	1,2,3-trichloropropane	14.20	75	351030	143.23	ppb		99
86)	n-propylbenzene	14.86	91	1477436	120.49	ppb		94
87)	2-chlorotoluene	14.98	91	872474	117.91	ppb		94
88)	4-chlorotoluene	15.05	91	895007	119.04	ppb		94
89)	1,3,5-trimethylbenzene	15.14	105	1057955	113.96	ppb		96
90)	tert-butylbenzene	15.45	91	564487	120.54	ppb		90
91)	1,2,4-trimethylbenzene	15.55	105	1088439	113.40	ppb		97
92)	sec-butylbenzene	15.67	105	1385924	114.70	ppb		95
93)	1,3-dichlorobenzene	15.77	146	640021	100.86	ppb		96

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71535.D Vial: 23
Acq On : 11 Jul 2007 2:17 am Operator: kimt
Sample : icc2872-100 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 11:42 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 11:38:24 2007
Response via : Initial Calibration
DataAcq Meth : G8260

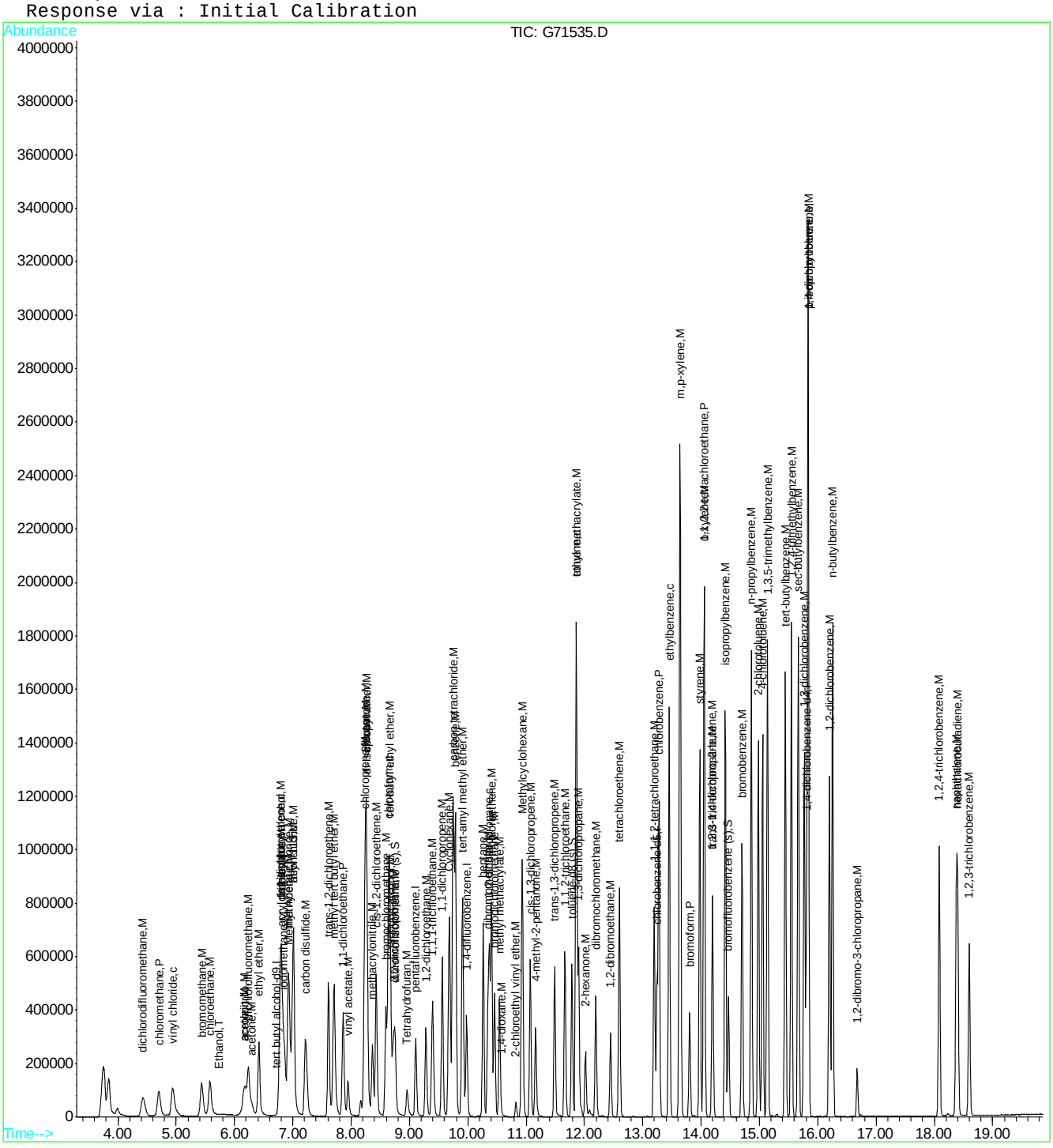
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
94)	p-isopropyltoluene	15.84	119	1210265	114.43	ppb		98
95)	1,4-dichlorobenzene	15.83	146	689830	106.64	ppb		97
96)	1,2-dichlorobenzene	16.20	146	597401	100.04	ppb		97
97)	n-butylbenzene	16.25	91	1085535	122.76	ppb		93
98)	1,2-dibromo-3-chloropropan	16.68	75	45503	111.52	ppb	#	72
99)	1,2,4-trichlorobenzene	18.08	180	392345	91.31	ppb		99
100)	hexachlorobutadiene	18.40	225	209963	86.98	ppb		97
101)	naphthalene	18.38	128	724036	86.52	ppb		100
102)	1,2,3-trichlorobenzene	18.60	180	263154	80.70	ppb		97

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\G71535.D Vial: 23
Acq On : 11 Jul 2007 2:17 am Operator: kimt
Sample : icc2872-100 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 11:42 2007 Quant Results File: G071007W.RES

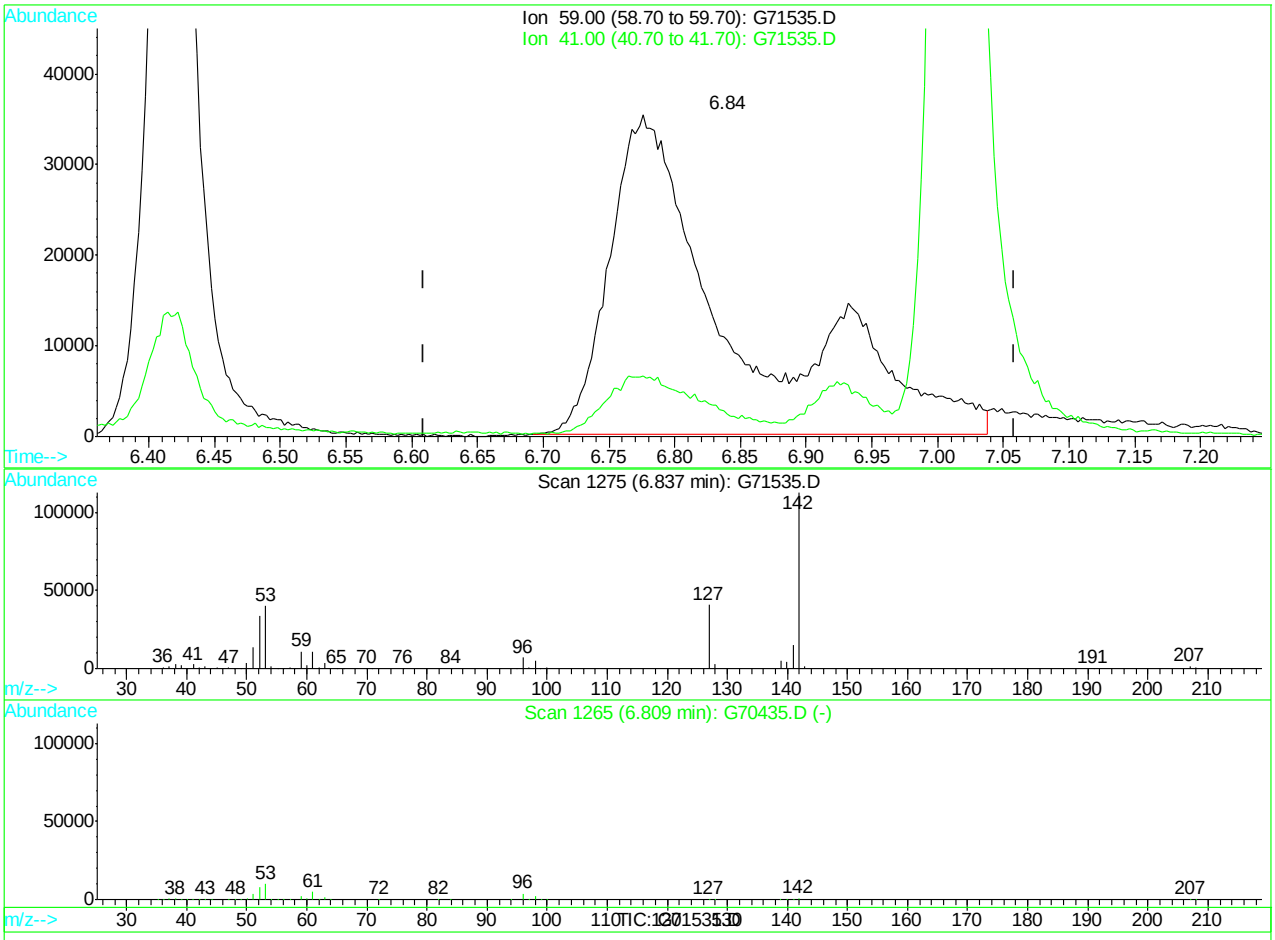
Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 11:38:24 2007
Response via : Initial Calibration



Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71535.D Vial: 23
Acq On : 11 Jul 2007 2:17 am Operator: kimt
Sample : icc2872-100 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 11:39 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 11:38:24 2007
Response via : Multiple Level Calibration



(2) tertiary butyl alcohol (M)

6.84min 2717.74ppb

response 233879

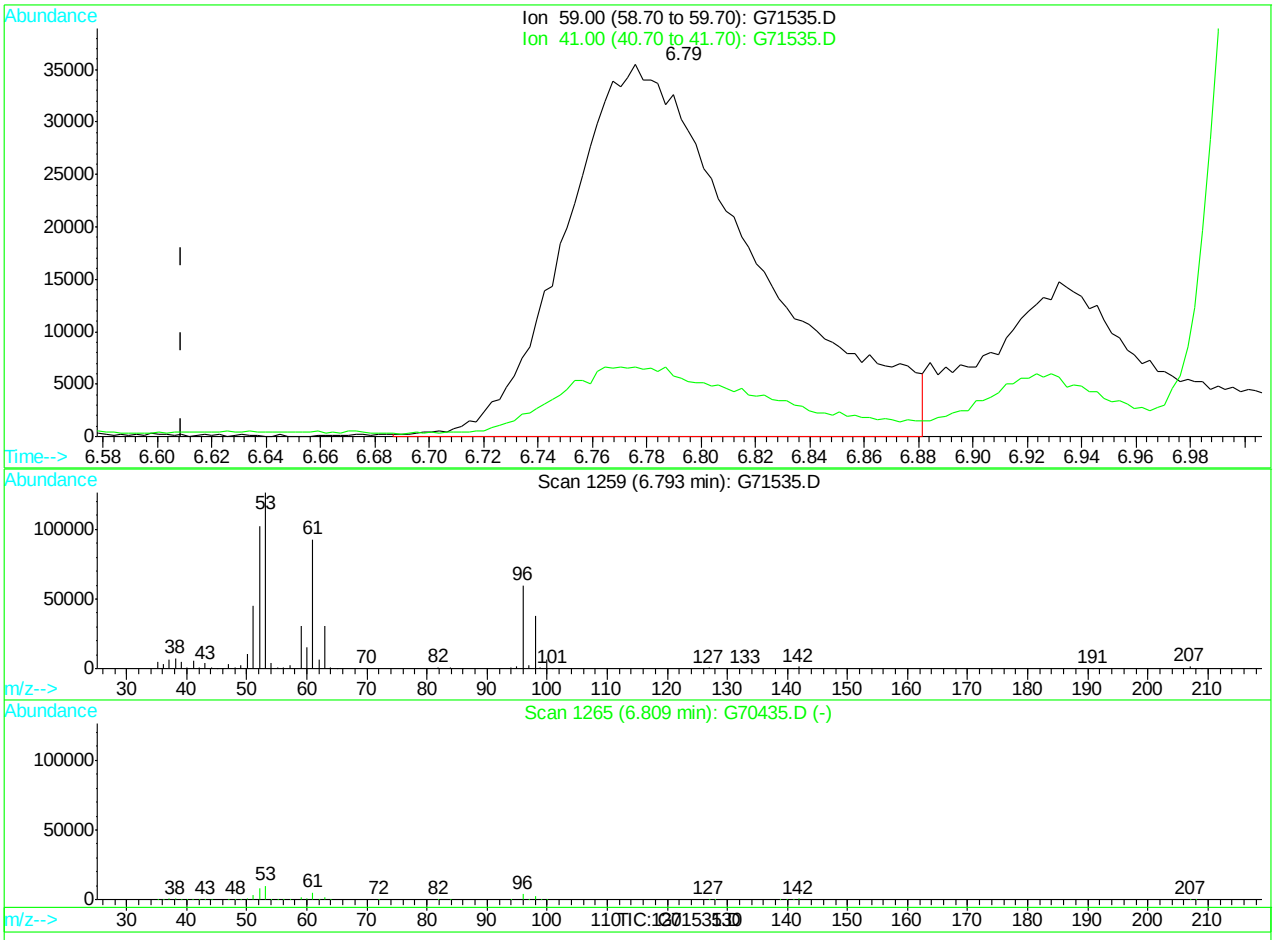
Ion	Exp%	Act%
59.00	100	100
41.00	16.70	23.13
0.00	0.00	0.00
0.00	0.00	0.00

G71535.D G071007W.M Wed Jul 11 11:40:26 2007 RPT1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71535.D Vial: 23
Acq On : 11 Jul 2007 2:17 am Operator: kimt
Sample : icc2872-100 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 11:40 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 11:38:24 2007
Response via : Multiple Level Calibration



(2) tertiary butyl alcohol (M)

6.79min 1975.27ppb m

response 169985

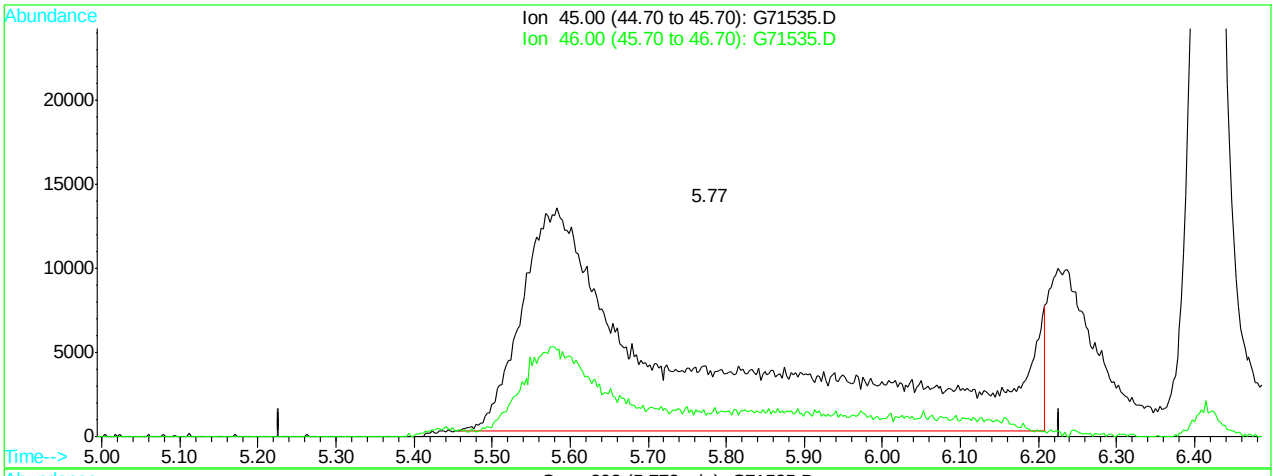
Ion	Exp%	Act%
59.00	100	100
41.00	16.70	18.42
0.00	0.00	0.00
0.00	0.00	0.00

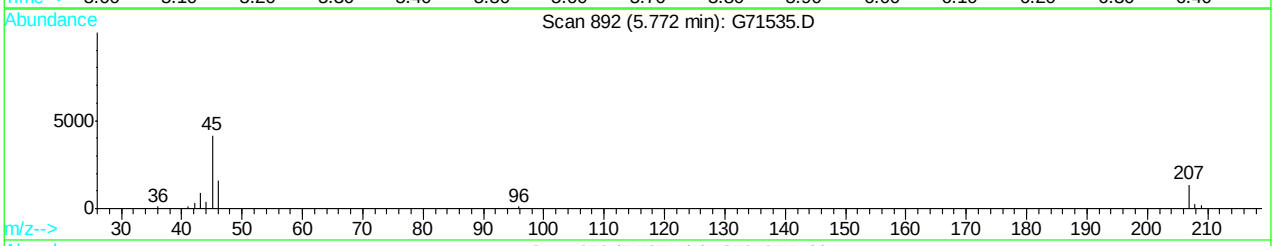
G71535.D G071007W.M Wed Jul 11 11:40:38 2007 RPT1

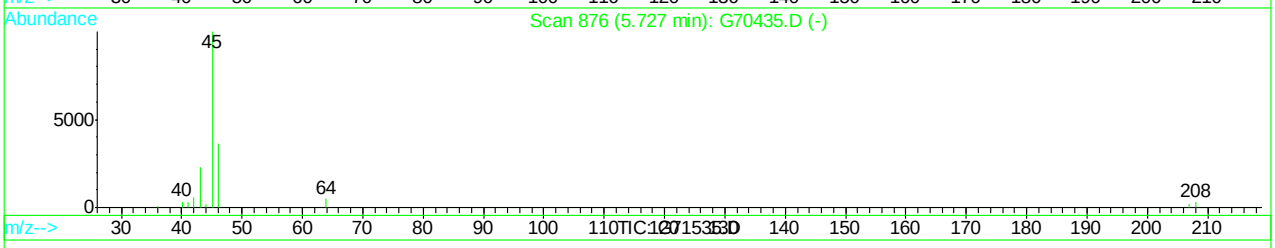
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71535.D Vial: 23
Acq On : 11 Jul 2007 2:17 am Operator: kimt
Sample : icc2872-100 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 11:40 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 11:38:24 2007
Response via : Multiple Level Calibration







(4) Ethanol (T)

5.77min 14236.58ppb

response 192031

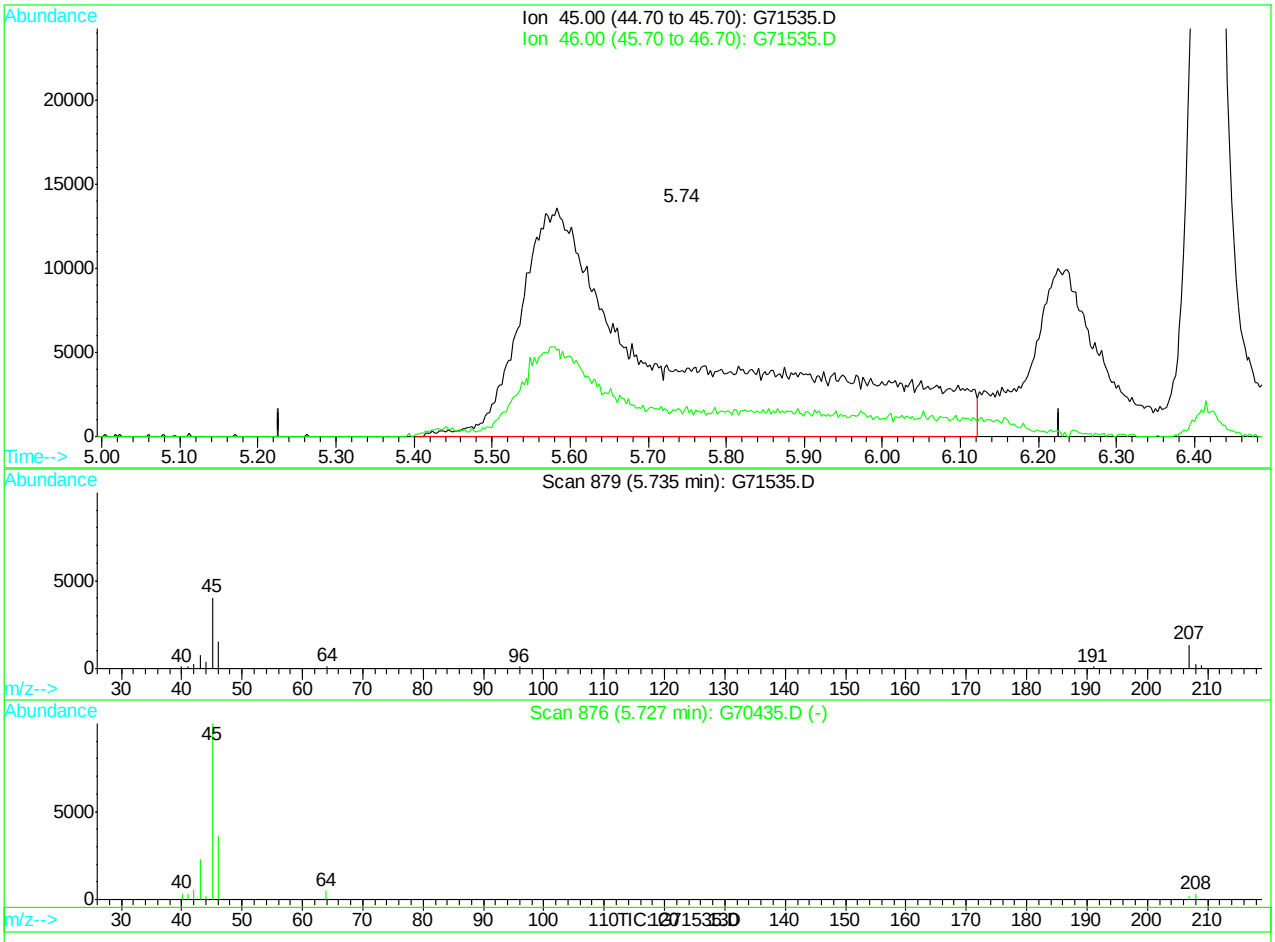
Ion	Exp%	Act%
45.00	100	100
46.00	0.00	36.97#
0.00	0.00	0.00
0.00	0.00	0.00

G71535.D G071007W.M Wed Jul 11 11:40:47 2007 RPT1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71535.D Vial: 23
Acq On : 11 Jul 2007 2:17 am Operator: kimt
Sample : icc2872-100 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 11:41 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 11:38:24 2007
Response via : Multiple Level Calibration



(4) Ethanol (T)

5.74min 13974.58ppb m

response 188497

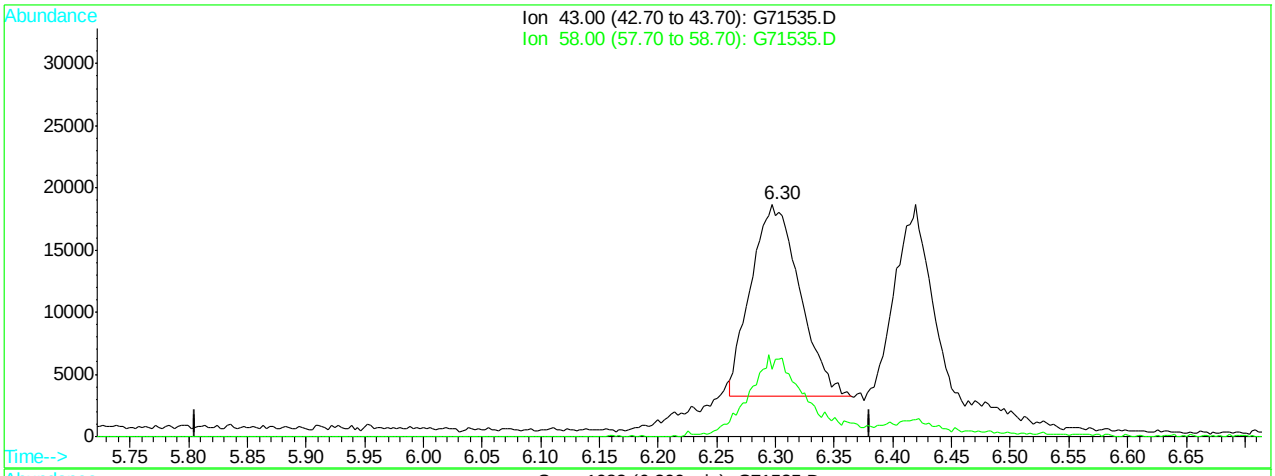
Ion	Exp%	Act%
45.00	100	100
46.00	0.00	37.67#
0.00	0.00	0.00
0.00	0.00	0.00

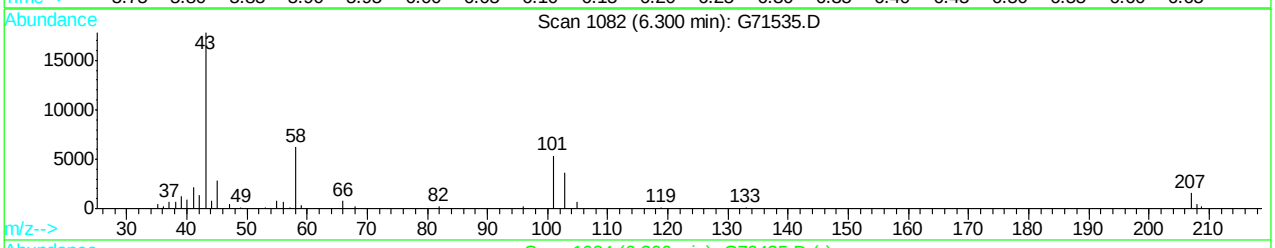
G71535.D G071007W.M Wed Jul 11 11:41:06 2007 RPT1

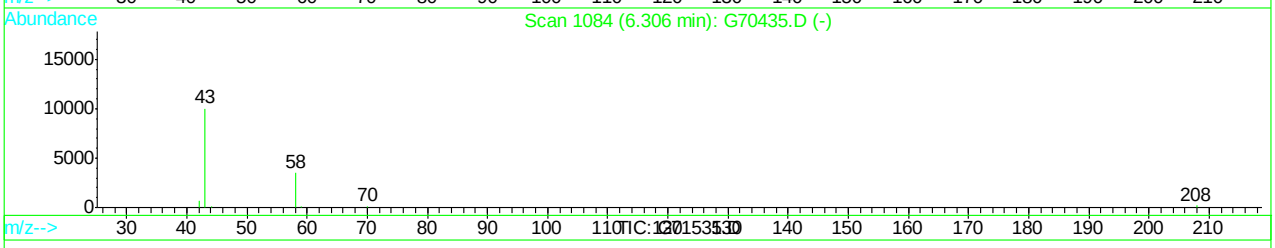
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71535.D Vial: 23
Acq On : 11 Jul 2007 2:17 am Operator: kimt
Sample : icc2872-100 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 11:41 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 11:38:24 2007
Response via : Multiple Level Calibration







(16) acetone (M)

6.30min 84.35ppb

response 44519

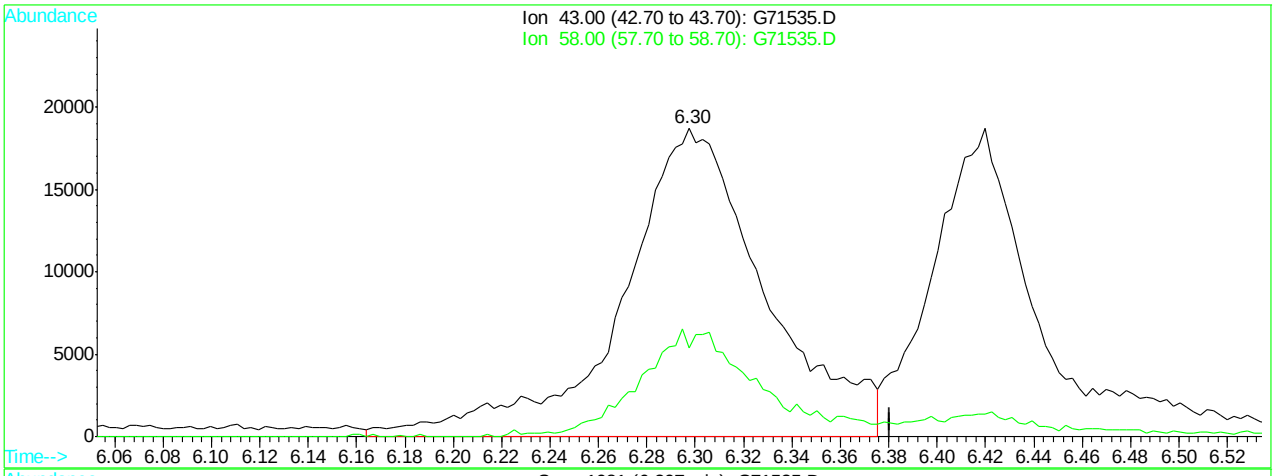
Ion	Exp%	Act%
43.00	100	100
58.00	33.60	34.95
0.00	0.00	0.00
0.00	0.00	0.00

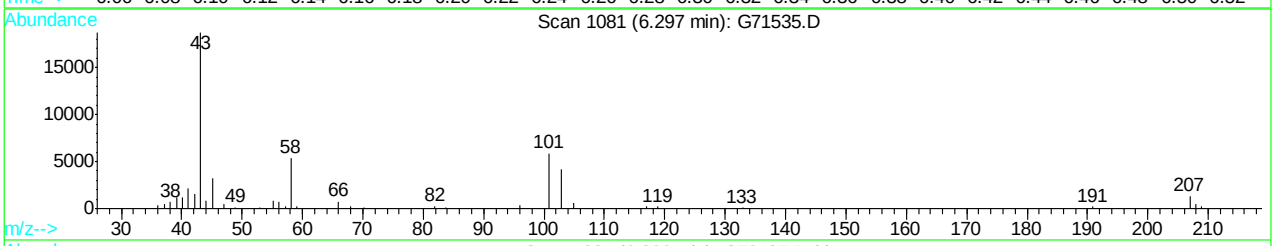
G71535.D G071007W.M Wed Jul 11 11:41:30 2007 RPT1

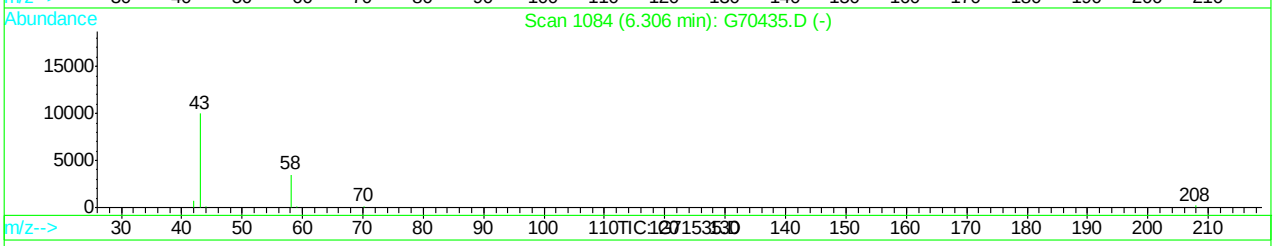
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71535.D Vial: 23
Acq On : 11 Jul 2007 2:17 am Operator: kimt
Sample : icc2872-100 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 11:41 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 11:38:24 2007
Response via : Multiple Level Calibration







(16) acetone (M)

6.30min 146.43ppb m

response 77283

Ion	Exp%	Act%
43.00	100	100
58.00	33.60	28.77
0.00	0.00	0.00
0.00	0.00	0.00

G71535.D G071007W.M Wed Jul 11 11:41:47 2007 RPT1

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani 07/19/07 15:51

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71536.D Vial: 24
Acq On : 11 Jul 2007 2:43 am Operator: kimt
Sample : ic2872-50 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 11:48 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 11:44:37 2007
Response via : Initial Calibration
DataAcq Meth : G8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.72	65	7322	50.00	ppb	0.00
3) pentafluorobenzene	9.11	168	239978	50.00	ppb	0.00
43) 1,4-difluorobenzene	9.98	114	349621	50.00	ppb	0.00
66) chlorobenzene-d5	13.24	82	178546	50.00	ppb	0.00
80) 1,4-dichlorobenzene-d4	15.81	152	190966	50.00	ppb	0.00

System Monitoring Compounds

40) dibromofluoromethane (s)	8.76	113	107527	49.91	ppb	0.00
Spiked Amount 50.000	Range 83 - 127		Recovery = 99.82%			
60) toluene-d8 (s)	11.79	98	422068	49.28	ppb	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 98.56%			
82) bromofluorobenzene (s)	14.47	95	163021	50.49	ppb	0.00
Spiked Amount 50.000	Range 81 - 119		Recovery = 100.98%			

Target Compounds

							Qvalue
2) tertiary butyl alcohol	6.80	59	88040m	514.11	ppb		
4) Ethanol	5.71	45	92772m	4706.10	ppb		
5) dichlorodifluoromethane	4.44	85	91143	44.74	ppb		96
6) chloromethane	4.71	50	116272	49.17	ppb		100
7) vinyl chloride	4.95	62	124871	48.08	ppb		99
8) bromomethane	5.44	96	83456	50.54	ppb		98
9) chloroethane	5.58	64	85560	48.05	ppb		94
10) ethyl ether	6.42	59	114305	50.26	ppb		99
11) acetonitrile	6.15	41	20977	43.11	ppb		94
12) trichlorofluoromethane	6.23	101	152255	47.81	ppb		98
13) freon-113	7.00	101	106095	45.06	ppb		99
14) acrolein	6.17	56	60625	256.61	ppb		99
15) 1,1-dichloroethene	6.79	96	113607	48.79	ppb		99
16) acetone	6.30	43	40424m	50.02	ppb		
17) Methyl Acetate	6.95	43	183701	48.01	ppb		98
18) methylene chloride	6.93	84	140843	50.23	ppb		94
19) methyl tert butyl ether	7.71	73	375489	49.84	ppb		99
20) acrylonitrile	6.82	53	264874	248.65	ppb		94
21) allyl chloride	7.02	41	201712	50.29	ppb		98
22) trans-1,2-dichloroethene	7.62	96	128516	50.48	ppb		100
23) iodomethane	6.86	142	220295	48.99	ppb		99
24) carbon disulfide	7.23	76	372741	48.63	ppb		99
25) propionitrile	6.81	54	8426	45.33	ppb		100
26) vinyl acetate	7.95	43	76434	31.80	ppb		99
27) chloroprene	8.23	53	161876	50.19	ppb		99
28) di-isopropyl ether	8.27	45	471587	50.34	ppb		97
29) methacrylonitrile	8.37	41	89082	51.01	ppb		95
30) 2-butanone	8.27	72	17399	50.71	ppb	#	69
31) Hexane	8.26	41	175536	47.59	ppb		92
32) 1,1-dichloroethane	7.87	63	221687	50.15	ppb		98
33) tert-butyl ethyl ether	8.67	59	433304	49.24	ppb		99
34) isobutyl alcohol	8.69	43	67511	239.72	ppb		85
35) 2,2-dichloropropane	8.73	77	121576	47.90	ppb		96
36) cis-1,2-dichloroethene	8.43	96	140673	50.06	ppb		98
38) bromochloromethane	8.60	128	69816	49.00	ppb		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71536.D Vial: 24
Acq On : 11 Jul 2007 2:43 am Operator: kimt
Sample : ic2872-50 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 11:48 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 11:44:37 2007
Response via : Initial Calibration
DataAcq Meth : G8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
39)	chloroform	8.64	83	213382	49.82	ppb		99
41)	Tetrahydrofuran	8.97	42	41986	49.46	ppb		95
42)	1,1,1-trichloroethane	9.40	97	182570	48.59	ppb		99
44)	Cyclohexane	9.69	56	242832	47.20	ppb		99
45)	carbon tetrachloride	9.76	117	166370	47.91	ppb		100
46)	1,1-dichloropropene	9.56	75	164068	49.57	ppb		98
47)	benzene	9.79	78	504150	50.16	ppb		99
48)	1,2-dichloroethane	9.29	62	148244	49.72	ppb		100
49)	tert-amyl methyl ether	9.91	73	420678	49.21	ppb		98
50)	heptane	10.26	43	157152	46.25	ppb		98
51)	trichloroethene	10.41	95	142790	51.34	ppb		99
52)	1,2-dichloropropane	10.37	63	128165	50.14	ppb		98
53)	dibromomethane	10.35	93	77838	49.98	ppb		97
54)	bromodichloromethane	10.46	83	170496	49.51	ppb		98
55)	Methylcyclohexane	10.93	83	214786	46.00	ppb		99
56)	2-chloroethyl vinyl ether	10.83	63	12463	46.44	ppb		98
57)	methyl methacrylate	10.55	69	93183	49.11	ppb		99
58)	1,4-dioxane	10.57	88	5750	244.21	ppb	#	59
59)	cis-1,3-dichloropropene	11.07	75	195190	49.66	ppb		100
61)	4-methyl-2-pentanone	11.17	43	137206	49.30	ppb		99
62)	toluene	11.86	92	319937	49.31	ppb		99
63)	trans-1,3-dichloropropene	11.49	75	167094	48.85	ppb		100
64)	1,1,2-trichloroethane	11.67	83	97103	49.45	ppb		100
65)	ethyl methacrylate	11.87	69	175552	50.42	ppb		98
67)	tetrachloroethene	12.60	166	147020	50.21	ppb		98
68)	1,3-dichloropropane	11.90	76	201297	50.33	ppb		100
69)	dibromochloromethane	12.20	129	141067	49.96	ppb		100
70)	1,2-dibromoethane	12.45	107	122126	50.23	ppb		100
71)	2-hexanone	12.02	43	97911	49.54	ppb		100
72)	chlorobenzene	13.28	112	373237	50.34	ppb		99
73)	1,1,1,2-tetrachloroethane	13.20	131	129621	49.47	ppb		95
74)	ethylbenzene	13.46	91	618220	50.08	ppb		99
75)	m,p-xylene	13.64	106	501692	99.55	ppb		97
76)	o-xylene	14.05	106	245723	49.52	ppb		99
77)	styrene	13.98	104	398707	52.10	ppb		100
78)	bromoform	13.81	173	106980	49.03	ppb		100
79)	trans-1,4-dichloro-2-buten	14.19	53	34528	48.68	ppb		99
81)	isopropylbenzene	14.42	105	560772	50.43	ppb		99
83)	bromobenzene	14.70	156	175278	49.96	ppb		99
84)	1,1,2,2-tetrachloroethane	14.05	83	126443	45.80	ppb		98
85)	1,2,3-trichloropropane	14.20	75	176481	49.70	ppb		98
86)	n-propylbenzene	14.86	91	750172	50.20	ppb		99
87)	2-chlorotoluene	14.98	91	443061	50.20	ppb		100
88)	4-chlorotoluene	15.06	91	453269	50.07	ppb		99
89)	1,3,5-trimethylbenzene	15.14	105	528069	49.35	ppb		100
90)	tert-butylbenzene	15.45	91	286089	50.10	ppb		99
91)	1,2,4-trimethylbenzene	15.55	105	544960	49.50	ppb		100
92)	sec-butylbenzene	15.67	105	694020	49.51	ppb		100
93)	1,3-dichlorobenzene	15.77	146	321826	49.71	ppb		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71536.D Vial: 24
Acq On : 11 Jul 2007 2:43 am Operator: kimt
Sample : ic2872-50 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 11:48 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 11:44:37 2007
Response via : Initial Calibration
DataAcq Meth : G8260

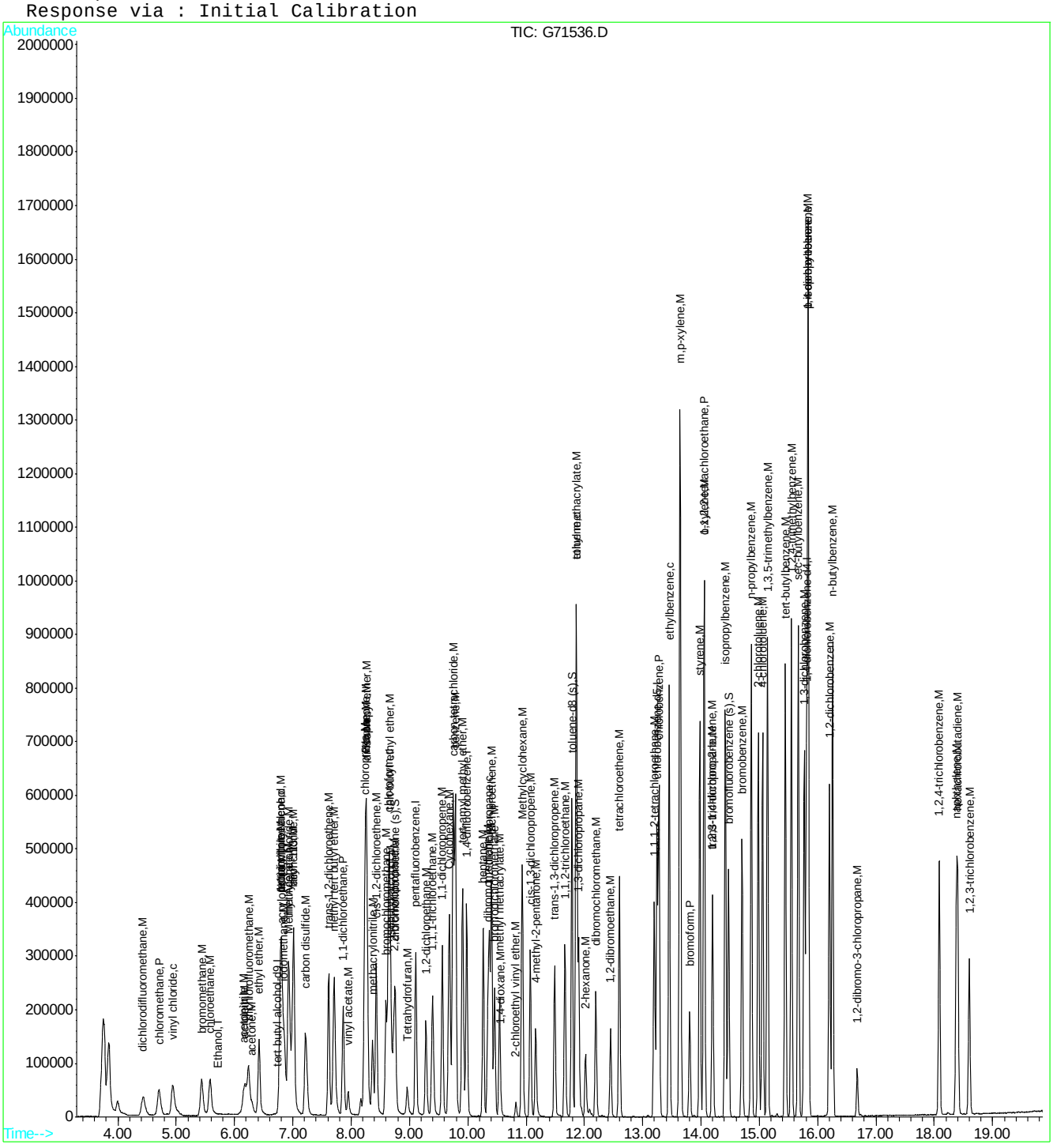
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
94)	p-isopropyltoluene	15.84	119	589994	48.19	ppb	98
95)	1,4-dichlorobenzene	15.84	146	337138	48.32	ppb	100
96)	1,2-dichlorobenzene	16.20	146	293411	48.56	ppb	99
97)	n-butylbenzene	16.25	91	529991	48.27	ppb	99
98)	1,2-dibromo-3-chloropropan	16.68	75	22247	48.33	ppb	99
99)	1,2,4-trichlorobenzene	18.08	180	188737	47.56	ppb	98
100)	hexachlorobutadiene	18.40	225	106906	50.34	ppb	99
101)	naphthalene	18.38	128	328304	44.83	ppb	100
102)	1,2,3-trichlorobenzene	18.60	180	118422	44.49	ppb	95

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\G71536.D Vial: 24
Acq On : 11 Jul 2007 2:43 am Operator: kimt
Sample : ic2872-50 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 11:48 2007 Quant Results File: G071007W.RES

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 11:49:23 2007
Response via : Initial Calibration

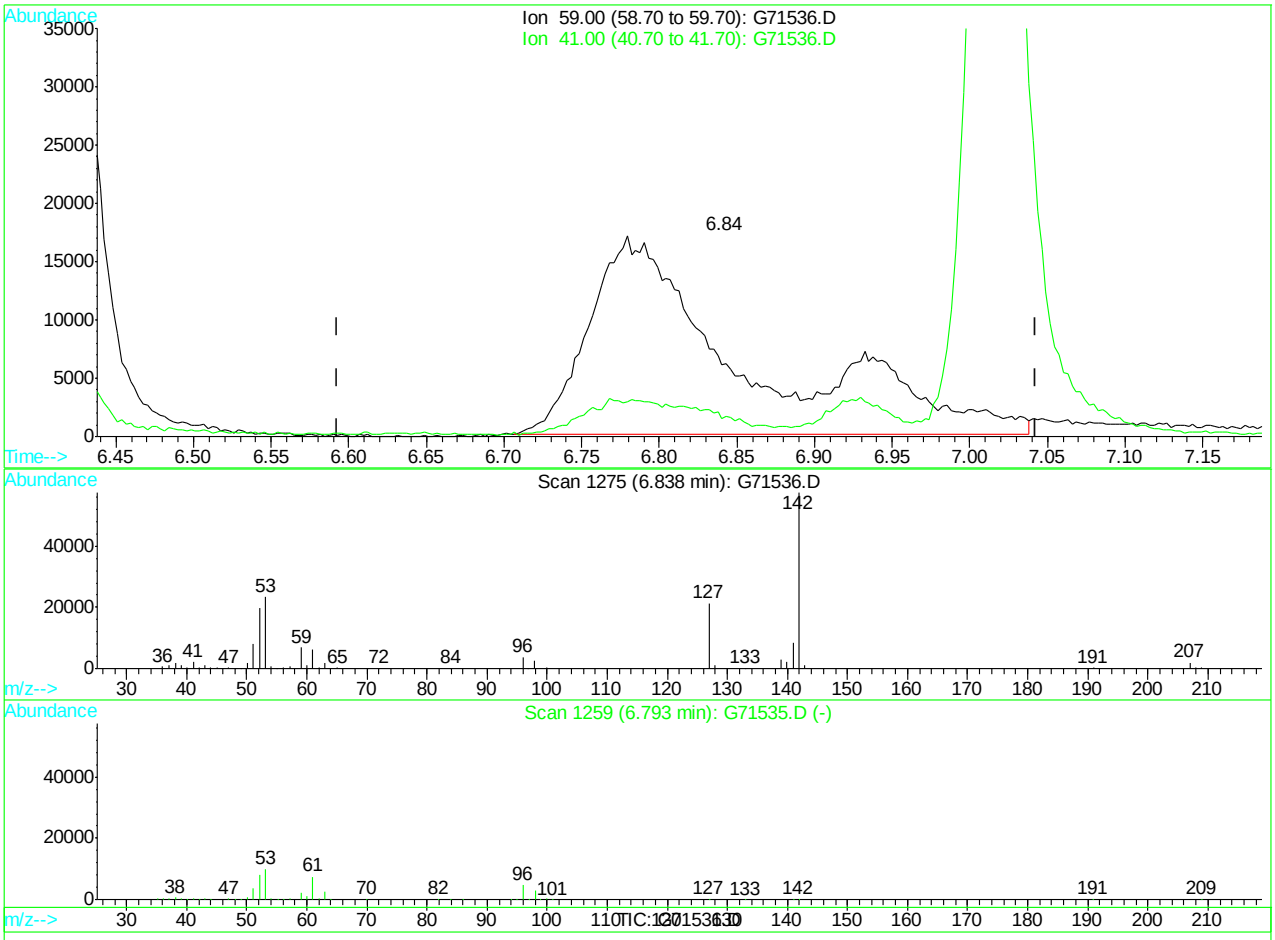


ACCUTEST Laboratories M66438

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71536.D Vial: 24
Acq On : 11 Jul 2007 2:43 am Operator: kimt
Sample : ic2872-50 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 11:44 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 11:44:37 2007
Response via : Multiple Level Calibration



(2) tertiary butyl alcohol (M)

6.84min 682.23ppb

response 116830

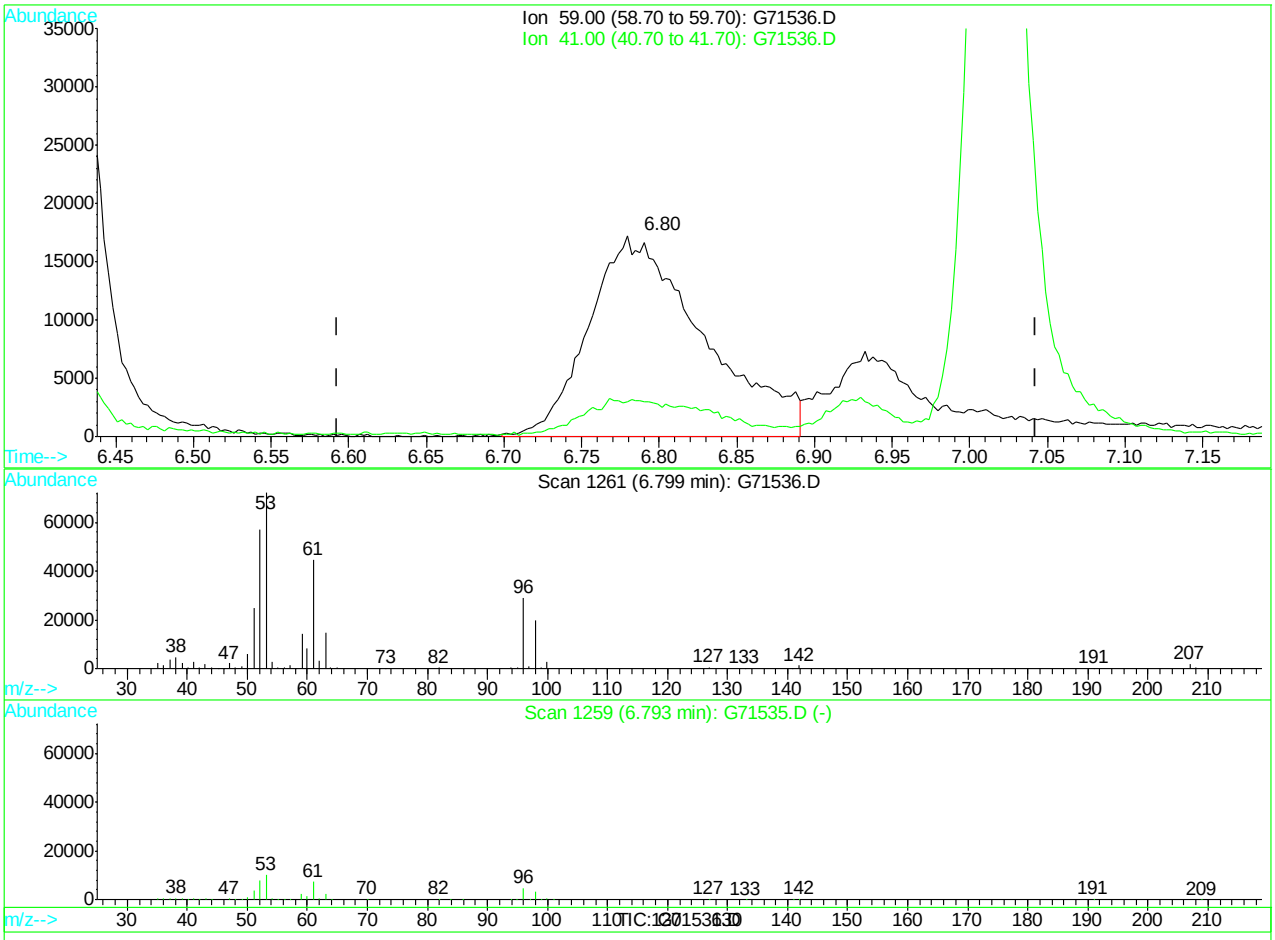
Ion	Exp%	Act%
59.00	100	100
41.00	18.40	25.36
0.00	0.00	0.00
0.00	0.00	0.00

G71536.D G071007W.M Wed Jul 11 11:46:54 2007 RPT1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71536.D Vial: 24
Acq On : 11 Jul 2007 2:43 am Operator: kimt
Sample : ic2872-50 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 11:47 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 11:44:37 2007
Response via : Multiple Level Calibration



(2) tertiary butyl alcohol (M)

6.80min 514.11ppb m

response 88040

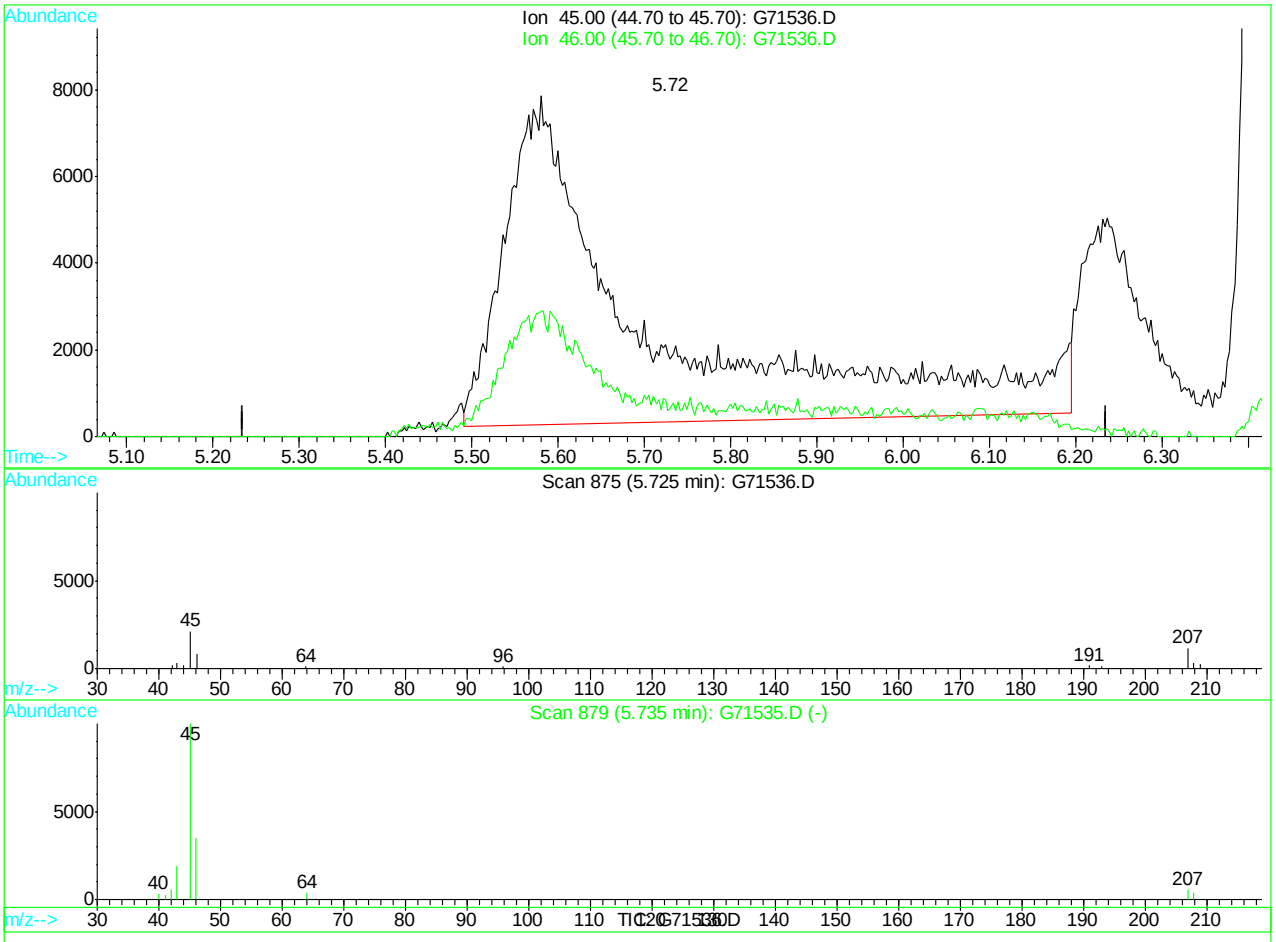
Ion	Exp%	Act%
59.00	100	100
41.00	18.40	19.23
0.00	0.00	0.00
0.00	0.00	0.00

G71536.D G071007W.M Wed Jul 11 11:47:05 2007 RPT1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71536.D Vial: 24
Acq On : 11 Jul 2007 2:43 am Operator: kimt
Sample : ic2872-50 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 11:47 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 11:44:37 2007
Response via : Multiple Level Calibration



(4) Ethanol (T)

5.72min 4227.23ppb

response 83332

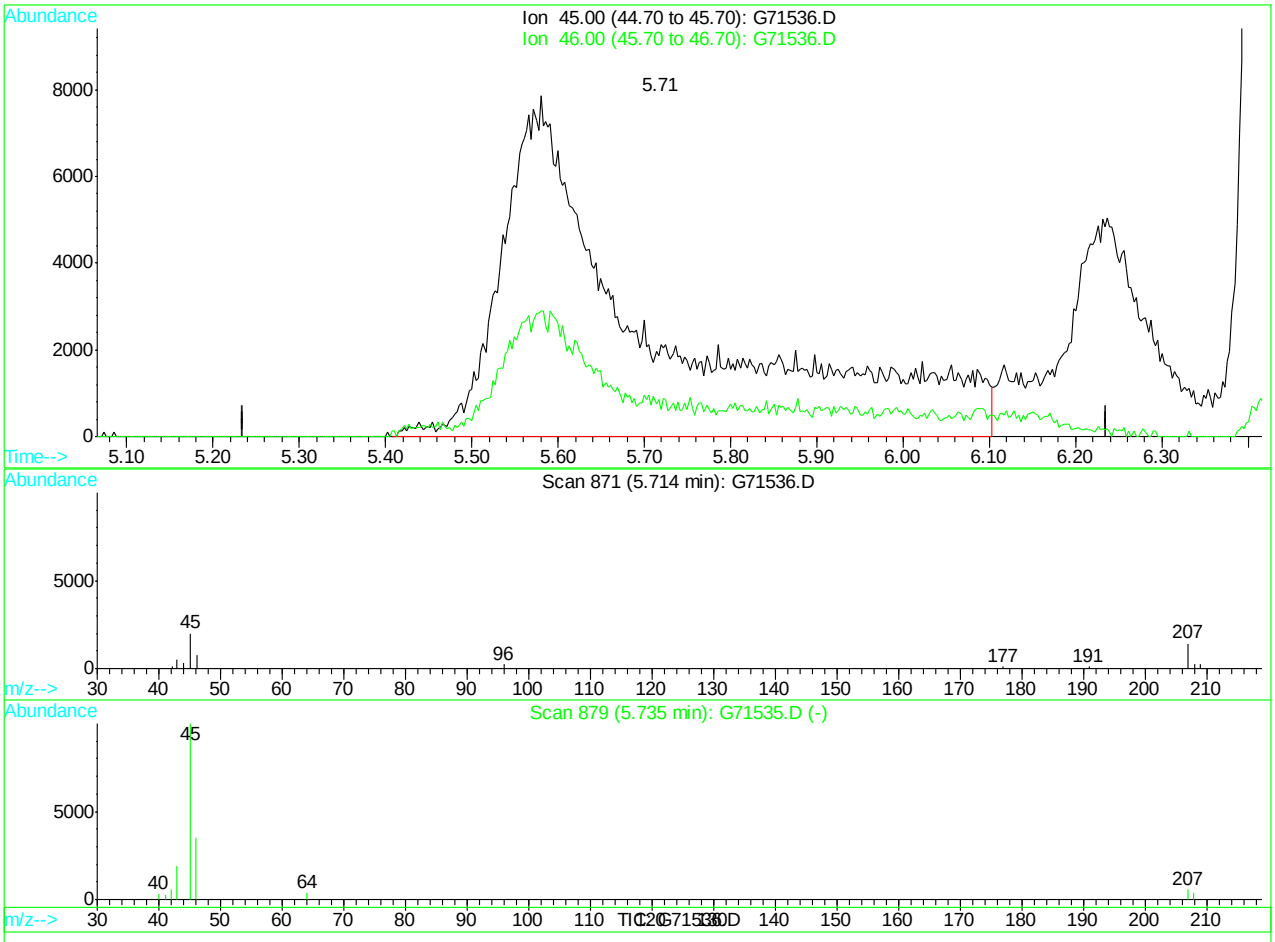
Ion	Exp%	Act%
45.00	100	100
46.00	37.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

G71536.D G071007W.M Wed Jul 11 11:47:16 2007 RPT1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71536.D Vial: 24
Acq On : 11 Jul 2007 2:43 am Operator: kimt
Sample : ic2872-50 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 11:47 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 11:44:37 2007
Response via : Multiple Level Calibration



(4) Ethanol (T)

5.71min 4706.10ppb m

response 92772

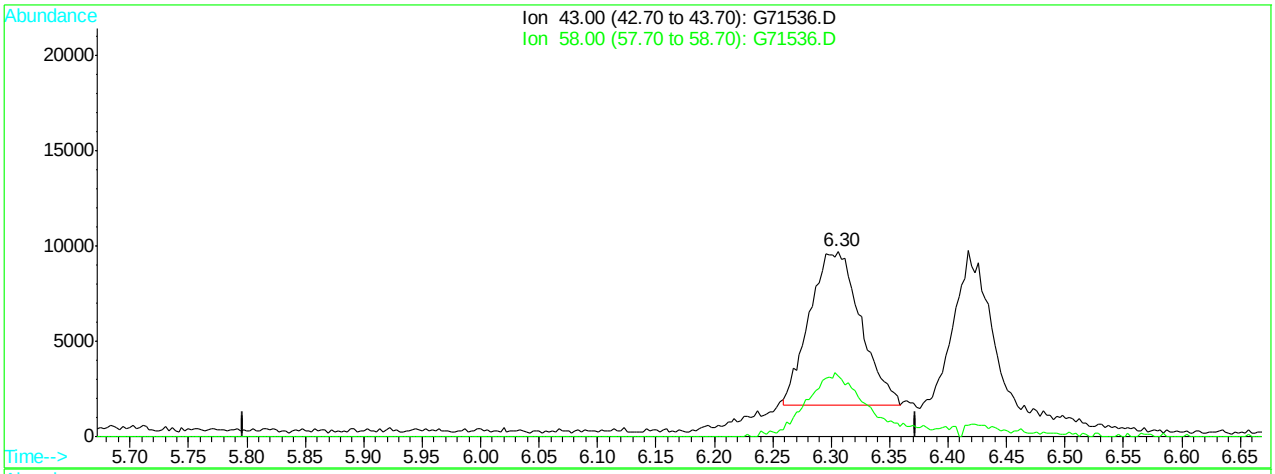
Ion	Exp%	Act%
45.00	100	100
46.00	37.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

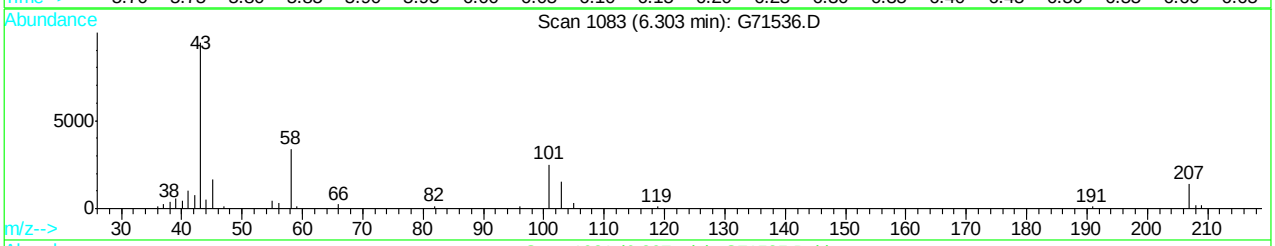
G71536.D G071007W.M Wed Jul 11 11:47:23 2007 RPT1

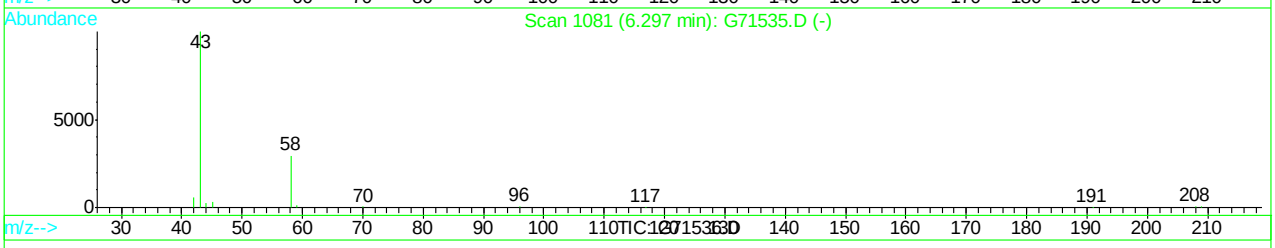
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71536.D Vial: 24
Acq On : 11 Jul 2007 2:43 am Operator: kimt
Sample : ic2872-50 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 11:47 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 11:44:37 2007
Response via : Multiple Level Calibration







(16) acetone (M)

6.30min 30.35ppb

response 24529

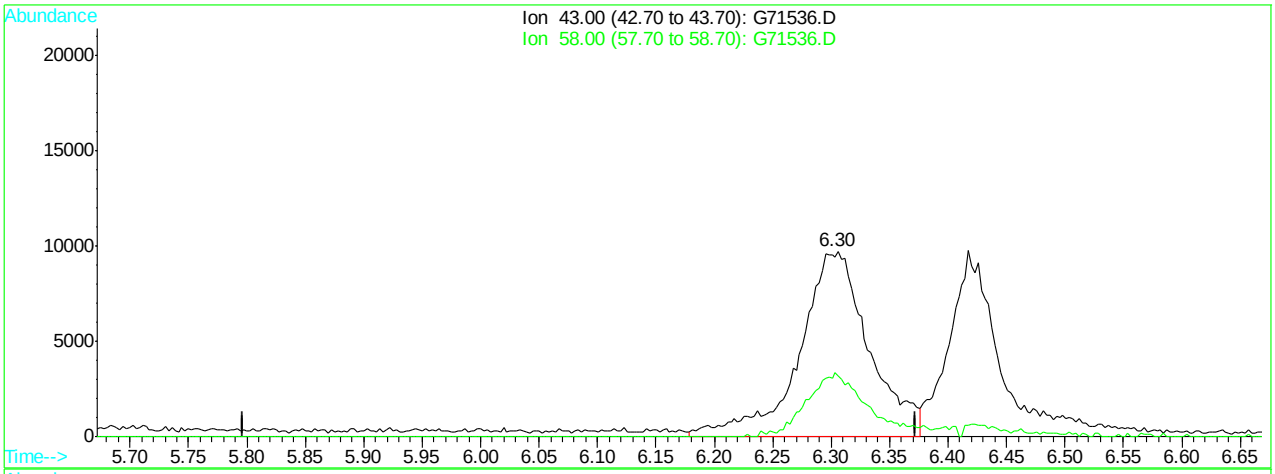
Ion	Exp%	Act%
43.00	100	100
58.00	28.80	39.23
0.00	0.00	0.00
0.00	0.00	0.00

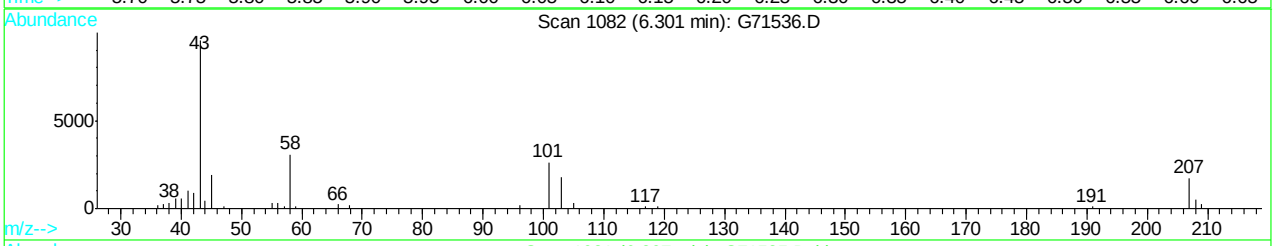
G71536.D G071007W.M Wed Jul 11 11:47:43 2007 RPT1

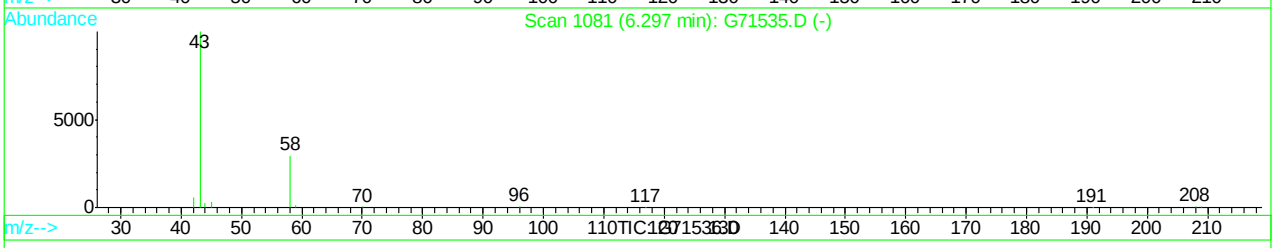
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71536.D Vial: 24
Acq On : 11 Jul 2007 2:43 am Operator: kimt
Sample : ic2872-50 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 11:47 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 11:44:37 2007
Response via : Multiple Level Calibration







(16) acetone (M)

6.30min 50.02ppb m

response 40424

Ion	Exp%	Act%
43.00	100	100
58.00	28.80	32.13
0.00	0.00	0.00
0.00	0.00	0.00

G71536.D G071007W.M Wed Jul 11 11:48:02 2007 RPT1

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani 07/19/07 15:51

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71537.D Vial: 25
Acq On : 11 Jul 2007 3:10 am Operator: kimt
Sample : icv2872-50 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 13:08 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:34:33 2007
Response via : Initial Calibration
DataAcq Meth : G8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.71	65	6411m	50.00	ppb	0.00
3) pentafluorobenzene	9.11	168	235880	50.00	ppb	0.00
43) 1,4-difluorobenzene	9.98	114	338869	50.00	ppb	0.00
66) chlorobenzene-d5	13.25	82	177449	50.00	ppb	0.00
80) 1,4-dichlorobenzene-d4	15.81	152	191056	50.00	ppb	0.00

System Monitoring Compounds

40) dibromofluoromethane (s)	8.76	113	107631	49.18	ppb	0.00
Spiked Amount 50.000	Range 83 - 127		Recovery = 98.36%			
60) toluene-d8 (s)	11.79	98	414516	49.14	ppb	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 98.28%			
82) bromofluorobenzene (s)	14.47	95	163967	48.18	ppb	0.00
Spiked Amount 50.000	Range 81 - 119		Recovery = 96.36%			

Target Compounds

							Qvalue
2) tertiary butyl alcohol	6.80	59	82757m	545.26	ppb		
4) Ethanol	5.73	45	89980m	4582.35	ppb		
5) dichlorodifluoromethane	4.44	85	108804	56.68	ppb		95
6) chloromethane	4.71	50	126324	50.12	ppb		97
7) vinyl chloride	4.95	62	127833	50.73	ppb		100
8) bromomethane	5.44	96	77224	47.59	ppb		100
9) chloroethane	5.58	64	85954	49.15	ppb		97
10) ethyl ether	6.42	59	93952	40.97	ppb		98
11) acetonitrile	6.08	41	1777	5.29	ppb		76
12) trichlorofluoromethane	6.23	101	135490	44.05	ppb		100
13) freon-113	7.00	101	101408	48.02	ppb		99
14) acrolein	6.17	56	68431	275.83	ppb		97
15) 1,1-dichloroethene	6.79	96	100911	44.32	ppb		99
16) acetone	6.30	43	36189m	42.98	ppb		
17) Methyl Acetate	6.94	43	137000	34.87	ppb	#	97
18) methylene chloride	6.93	84	127786	45.52	ppb		97
19) methyl tert butyl ether	7.71	73	343698	44.45	ppb		98
20) acrylonitrile	6.82	53	241970	224.44	ppb		98
21) allyl chloride	7.02	41	175511	43.57	ppb		99
22) trans-1,2-dichloroethene	7.62	96	112200	45.19	ppb		99
23) iodomethane	6.85	142	194371	44.35	ppb		98
24) carbon disulfide	7.22	76	310222	41.67	ppb		99
25) propionitrile	6.81	54	7892	45.45	ppb		100
26) vinyl acetate	7.95	43	102076	50.67	ppb		97
27) chloroprene	8.23	53	140029	44.92	ppb		99
28) di-isopropyl ether	8.27	45	390146	40.49	ppb		97
29) methacrylonitrile	8.37	41	76920	42.80	ppb		99
30) 2-butanone	8.27	72	15244	45.10	ppb	#	61
31) Hexane	8.26	41	134016	36.57	ppb	#	91
32) 1,1-dichloroethane	7.86	63	201249	44.20	ppb		100
33) tert-butyl ethyl ether	8.67	59	369702	41.81	ppb		98
34) isobutyl alcohol	8.69	43	59959	216.50	ppb		87
35) 2,2-dichloropropane	8.73	77	111590	42.71	ppb		98
36) cis-1,2-dichloroethene	8.43	96	121721	41.49	ppb		100
38) bromochloromethane	8.60	128	63147	45.67	ppb		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71537.D Vial: 25
Acq On : 11 Jul 2007 3:10 am Operator: kimt
Sample : icv2872-50 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 13:08 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:34:33 2007
Response via : Initial Calibration
DataAcq Meth : G8260

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
39)	chloroform	8.64	83	193395	43.77	ppb	97
41)	Tetrahydrofuran	8.97	42	39304	45.73	ppb	100
42)	1,1,1-trichloroethane	9.40	97	162438	43.35	ppb	97
44)	Cyclohexane	9.69	56	192001	42.71	ppb	98
45)	carbon tetrachloride	9.76	117	146219	44.27	ppb	95
46)	1,1-dichloropropene	9.56	75	138539	43.46	ppb	98
47)	benzene	9.79	78	438241	44.78	ppb	99
48)	1,2-dichloroethane	9.28	62	135117	42.92	ppb	98
49)	tert-amyl methyl ether	9.91	73	352248	42.21	ppb	96
50)	heptane	10.26	43	101848	33.03	ppb	97
51)	trichloroethene	10.41	95	118954	44.15	ppb	97
52)	1,2-dichloropropane	10.37	63	114403	44.96	ppb	99
53)	dibromomethane	10.34	93	68698	43.41	ppb	95
54)	bromodichloromethane	10.46	83	140352	41.14	ppb	99
55)	Methylcyclohexane	10.93	83	161606	39.48	ppb	99
56)	2-chloroethyl vinyl ether	10.83	63	8573	34.25	ppb	98
57)	methyl methacrylate	10.55	69	82880	48.03	ppb	97
58)	1,4-dioxane	10.56	88	5130	237.50	ppb	70
59)	cis-1,3-dichloropropene	11.07	75	172592	45.24	ppb	100
61)	4-methyl-2-pentanone	11.17	43	125722	45.92	ppb	99
62)	toluene	11.86	92	268908	41.59	ppb	98
63)	trans-1,3-dichloropropene	11.49	75	147661	44.33	ppb	100
64)	1,1,2-trichloroethane	11.67	83	88784	45.91	ppb	97
65)	ethyl methacrylate	11.87	69	157486	48.95	ppb	97
67)	tetrachloroethene	12.60	166	111747	40.90	ppb	97
68)	1,3-dichloropropane	11.90	76	181453	45.01	ppb	98
69)	dibromochloromethane	12.20	129	122698	44.99	ppb	100
70)	1,2-dibromoethane	12.45	107	106190	44.84	ppb	98
71)	2-hexanone	12.02	43	90180	48.59	ppb	100
72)	chlorobenzene	13.28	112	316365	43.36	ppb	100
73)	1,1,1,2-tetrachloroethane	13.20	131	118430	47.10	ppb	96
74)	ethylbenzene	13.46	91	513494	43.74	ppb	99
75)	m,p-xylene	13.64	106	409809	82.29	ppb	96
76)	o-xylene	14.05	106	202542	43.06	ppb	100
77)	styrene	13.98	104	339480	48.41	ppb	99
78)	bromoform	13.81	173	95920	47.73	ppb	98
79)	trans-1,4-dichloro-2-buten	14.19	53	30832	44.47	ppb	95
81)	isopropylbenzene	14.42	105	455752	41.08	ppb	100
83)	bromobenzene	14.70	156	150447	42.00	ppb	99
84)	1,1,2,2-tetrachloroethane	14.05	83	127847	45.28	ppb	98
85)	1,2,3-trichloropropane	14.20	75	163529	45.79	ppb	99
86)	n-propylbenzene	14.86	91	598533	40.74	ppb	99
87)	2-chlorotoluene	14.98	91	367204	40.78	ppb	99
88)	4-chlorotoluene	15.06	91	378129	40.81	ppb	97
89)	1,3,5-trimethylbenzene	15.14	105	420345	40.95	ppb	98
90)	tert-butylbenzene	15.45	91	230891	41.59	ppb	97
91)	1,2,4-trimethylbenzene	15.55	105	436734	40.97	ppb	99
92)	sec-butylbenzene	15.67	105	553655	42.37	ppb	99
93)	1,3-dichlorobenzene	15.77	146	259143	40.82	ppb	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71537.D Vial: 25
Acq On : 11 Jul 2007 3:10 am Operator: kimt
Sample : icv2872-50 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 13:08 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:34:33 2007
Response via : Initial Calibration
DataAcq Meth : G8260

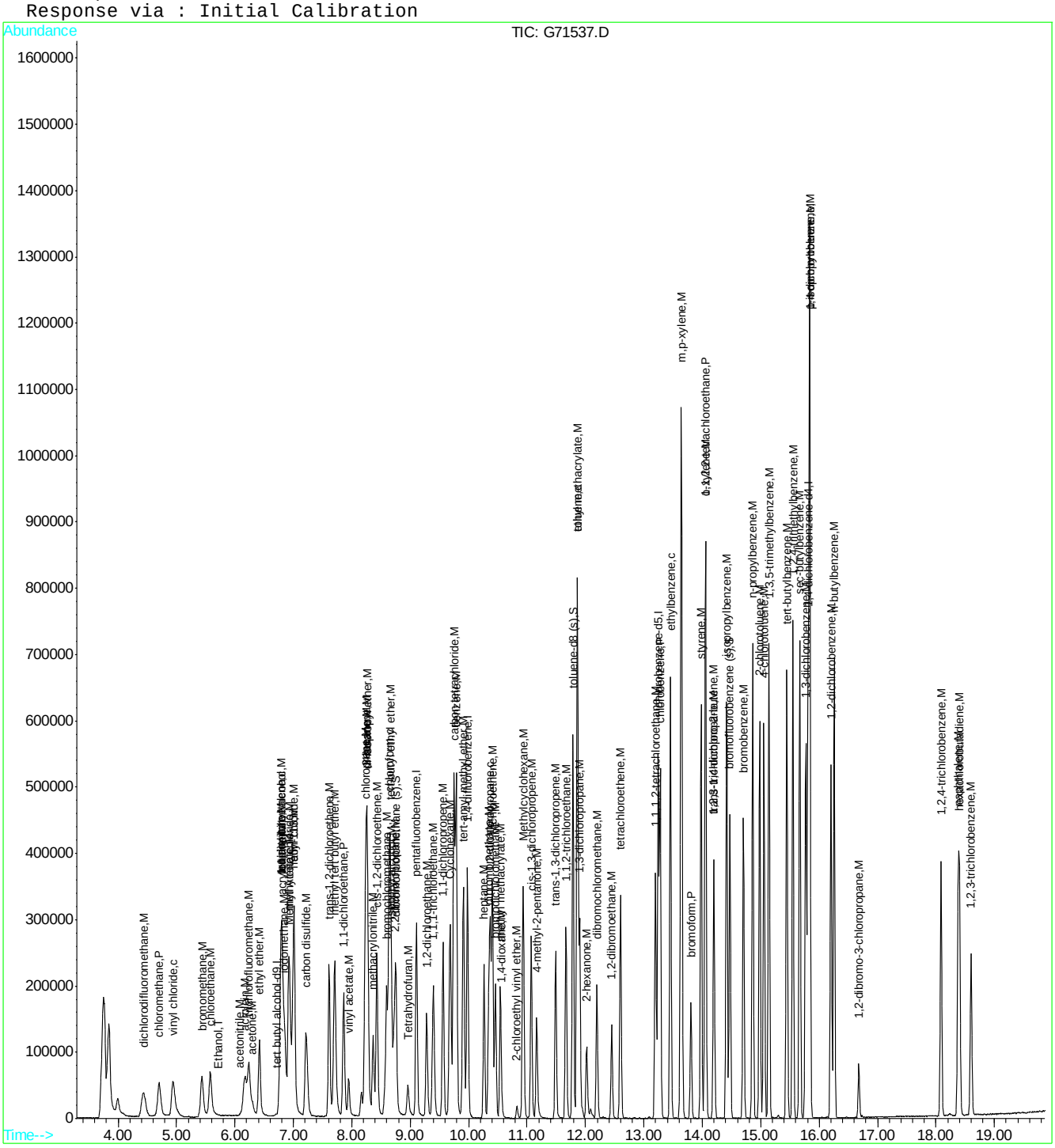
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
94)	p-isopropyltoluene	15.84	119	464963	41.52	ppb	98
95)	1,4-dichlorobenzene	15.84	146	277810	40.90	ppb	98
96)	1,2-dichlorobenzene	16.20	146	251816	42.99	ppb	99
97)	n-butylbenzene	16.26	91	411110	41.51	ppb	99
98)	1,2-dibromo-3-chloropropan	16.68	75	20492	45.47	ppb	97
99)	1,2,4-trichlorobenzene	18.09	180	151033	44.63	ppb	99
100)	hexachlorobutadiene	18.40	225	86892	45.99	ppb	98
101)	naphthalene	18.38	128	284625	46.71	ppb	100
102)	1,2,3-trichlorobenzene	18.60	180	100908	37.90	ppb	98

(#) = qualifier out of range (m) = manual integration
G71537.D G071007W.M Wed Jul 11 13:14:01 2007 RPT1 Page 3

Quantitation Report

Data File : C:\HPCHEM\1\DATA\G71537.D Vial: 25
Acq On : 11 Jul 2007 3:10 am Operator: kimt
Sample : icv2872-50 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 13:08 2007 Quant Results File: G071007W.RES

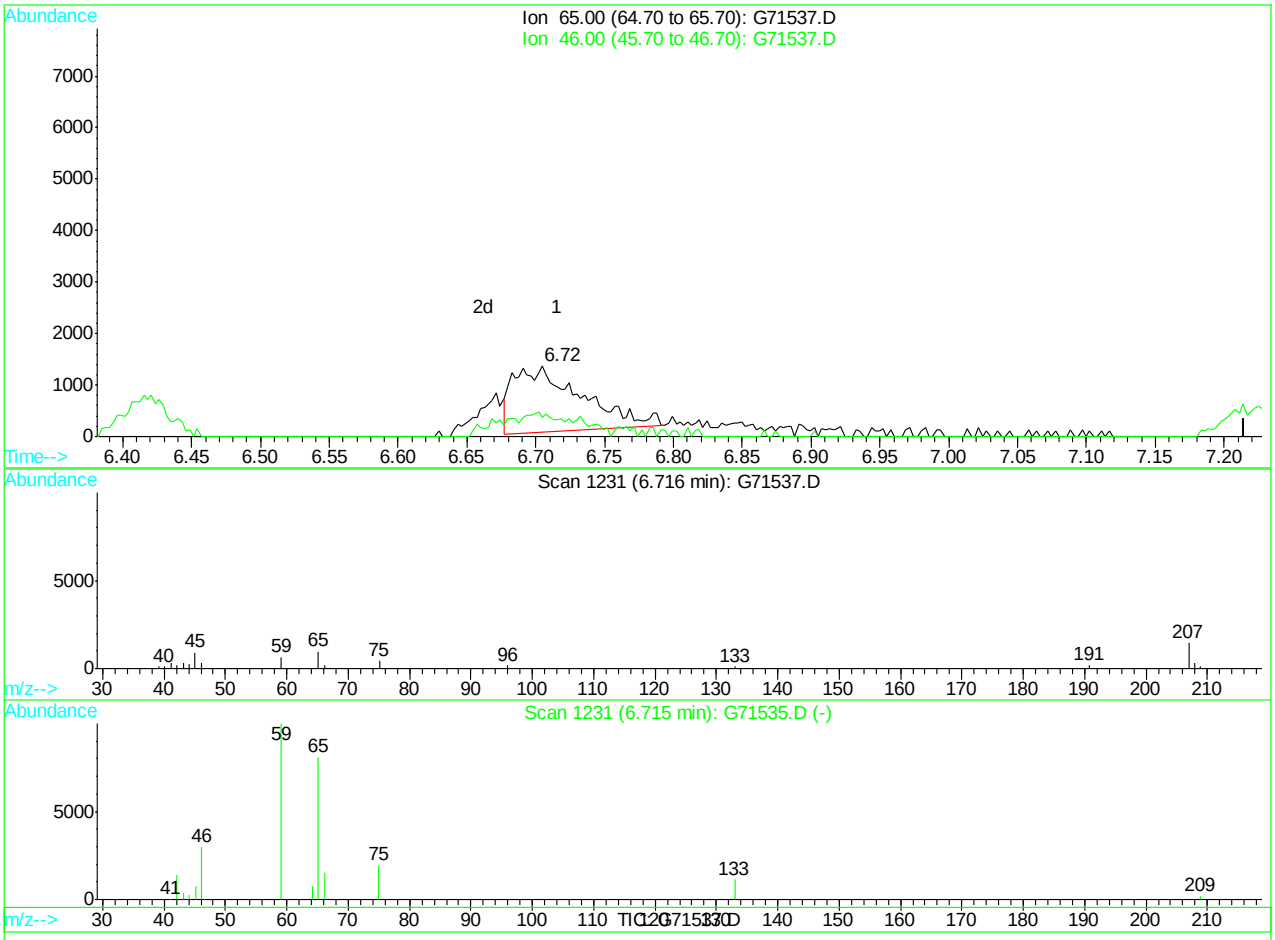
Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:34:33 2007
Response via : Initial Calibration



Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71537.D Vial: 25
Acq On : 11 Jul 2007 3:10 am Operator: kimt
Sample : icv2872-50 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 12:35 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:34:33 2007
Response via : Multiple Level Calibration



(1) tert butyl alcohol-d9 (I)

6.72min 50.00ppb

response 4367

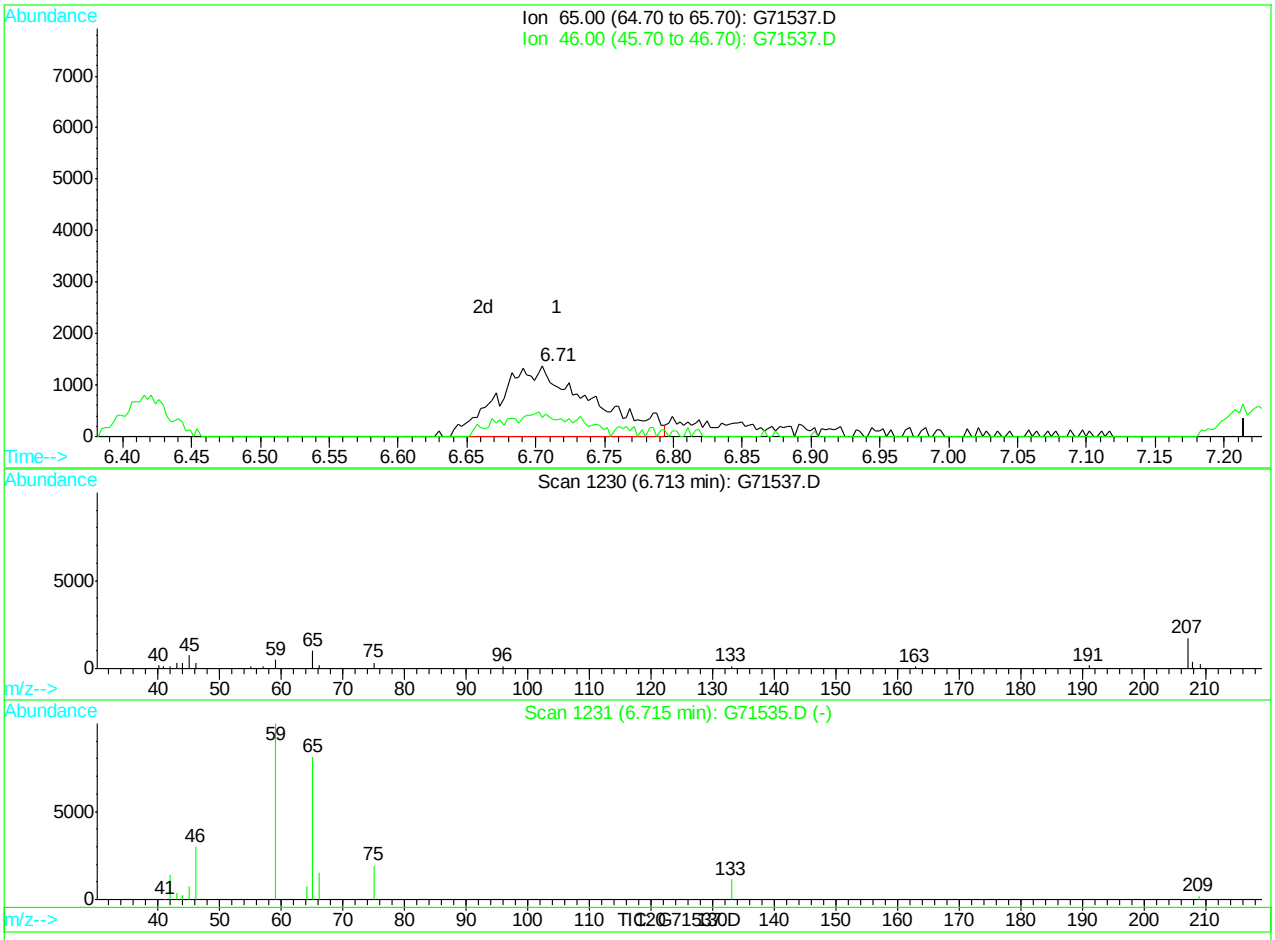
Ion	Exp%	Act%
65.00	100	100
46.00	36.90	24.49
0.00	0.00	0.00
0.00	0.00	0.00

G71537.D G071007W.M Wed Jul 11 13:06:57 2007 RPT1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71537.D Vial: 25
Acq On : 11 Jul 2007 3:10 am Operator: kimt
Sample : icv2872-50 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 13:07 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:34:33 2007
Response via : Multiple Level Calibration



(1) tert butyl alcohol-d9 (I)

6.71min 50.00ppb m

response 6411

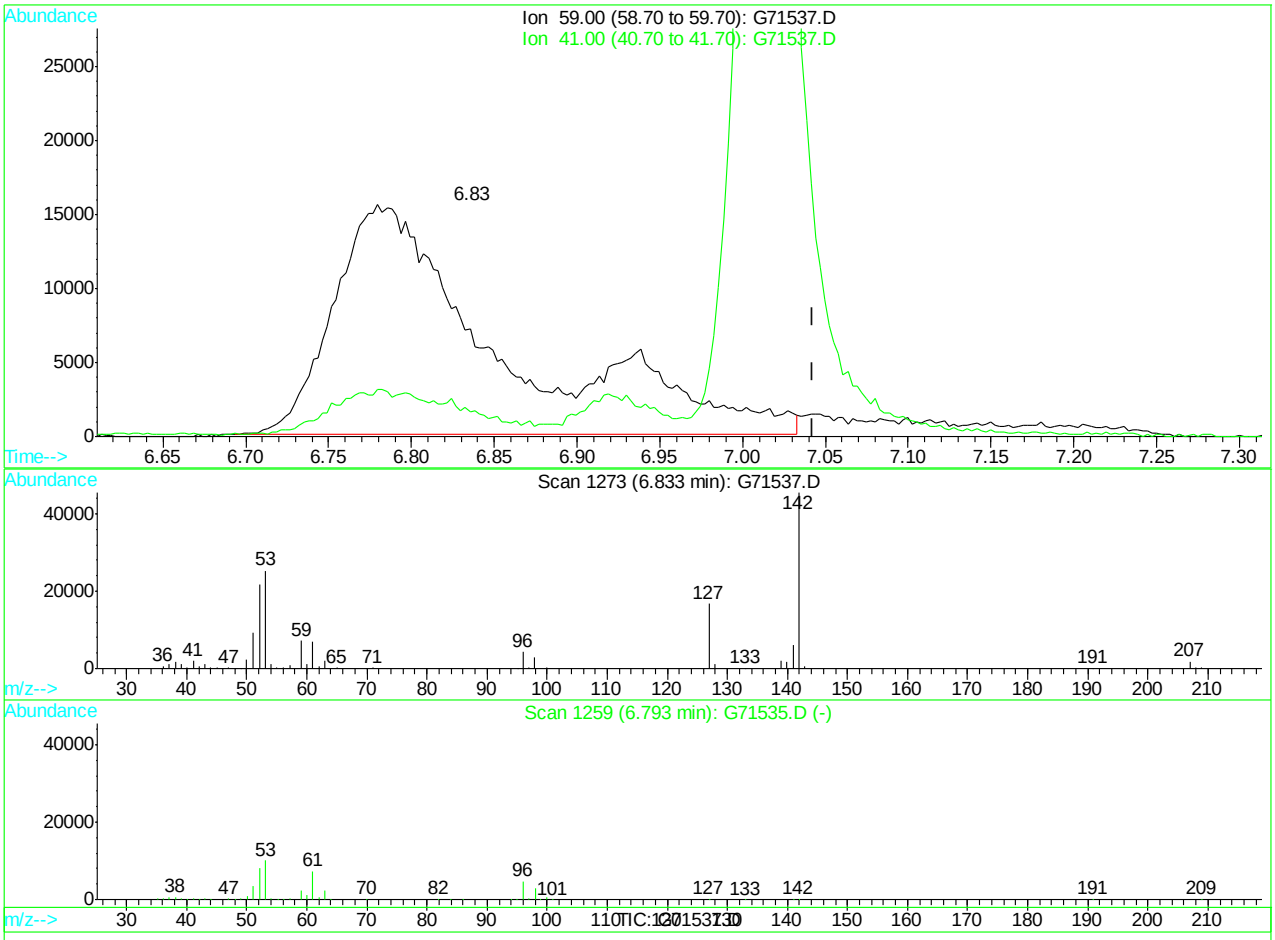
Ion	Exp%	Act%
65.00	100	100
46.00	36.90	32.50
0.00	0.00	0.00
0.00	0.00	0.00

G71537.D G071007W.M Wed Jul 11 13:07:06 2007 RPT1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71537.D Vial: 25
Acq On : 11 Jul 2007 3:10 am Operator: kimt
Sample : icv2872-50 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 13:07 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:34:33 2007
Response via : Multiple Level Calibration



(2) tertiary butyl alcohol (M)

6.83min 707.55ppb

response 107388

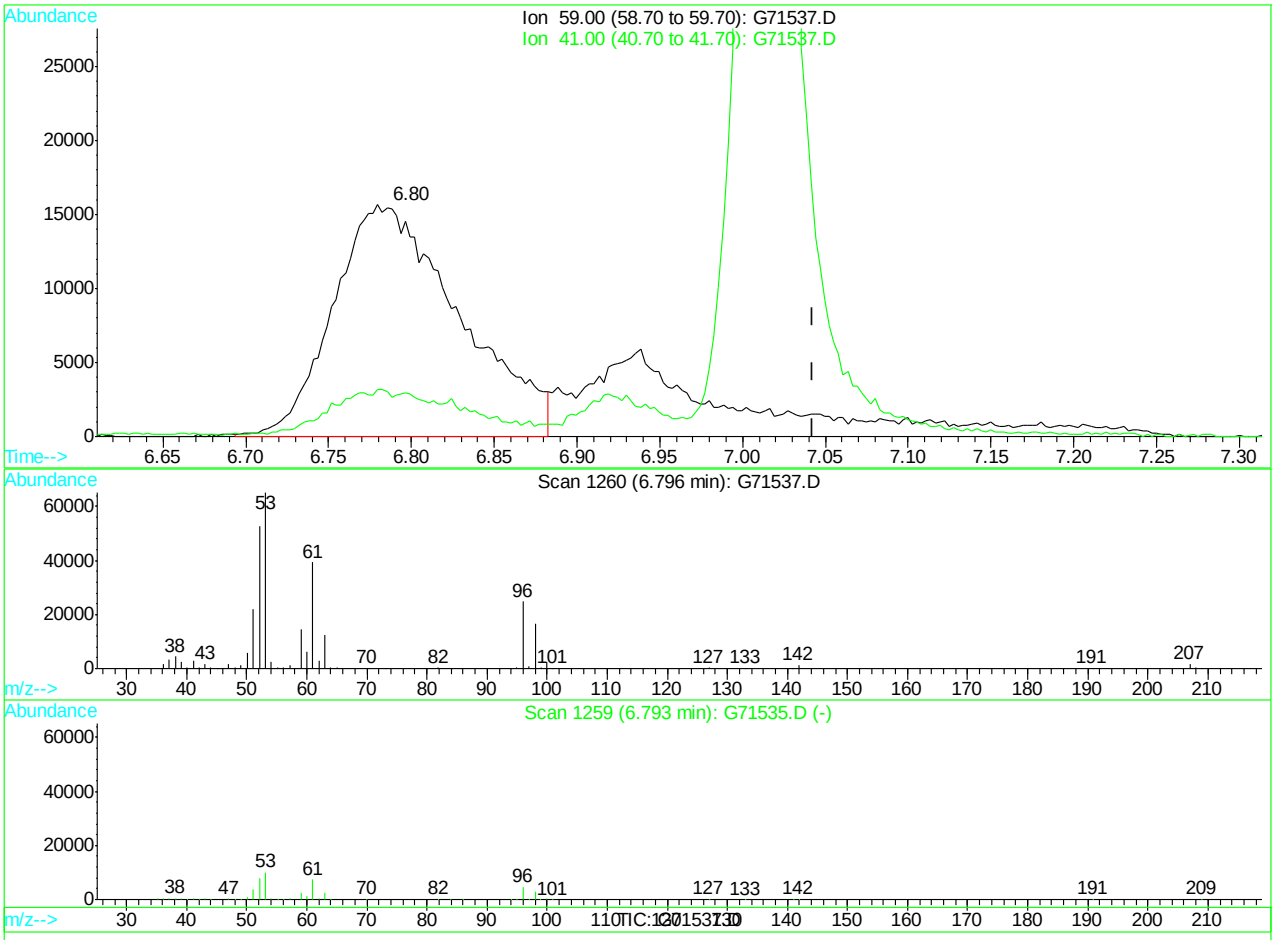
Ion	Exp%	Act%
59.00	100	100
41.00	18.40	24.68
0.00	0.00	0.00
0.00	0.00	0.00

G71537.D G071007W.M Wed Jul 11 13:07:14 2007 RPT1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71537.D Vial: 25
Acq On : 11 Jul 2007 3:10 am Operator: kimt
Sample : icv2872-50 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 13:07 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:34:33 2007
Response via : Multiple Level Calibration



(2) tertiary butyl alcohol (M)

6.80min 545.26ppb

response 82757

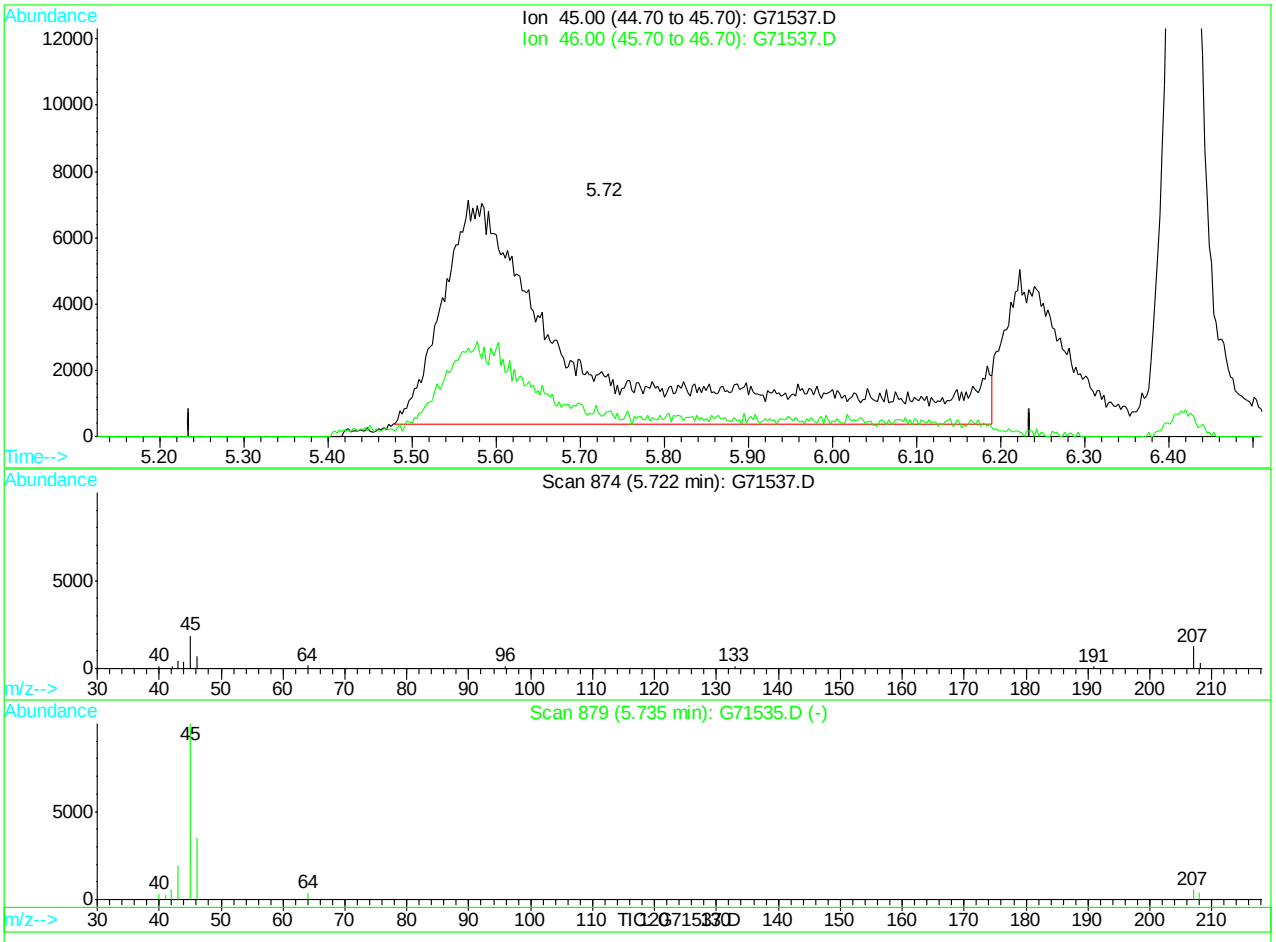
Ion	Exp%	Act%
59.00	100	100
41.00	18.40	20.15
0.00	0.00	0.00
0.00	0.00	0.00

G71537.D G071007W.M Wed Jul 11 13:07:26 2007 RPT1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71537.D Vial: 25
Acq On : 11 Jul 2007 3:10 am Operator: kimt
Sample : icv2872-50 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 13:07 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:34:33 2007
Response via : Multiple Level Calibration



(4) Ethanol (T)

5.72min 3891.13ppb

response 76407

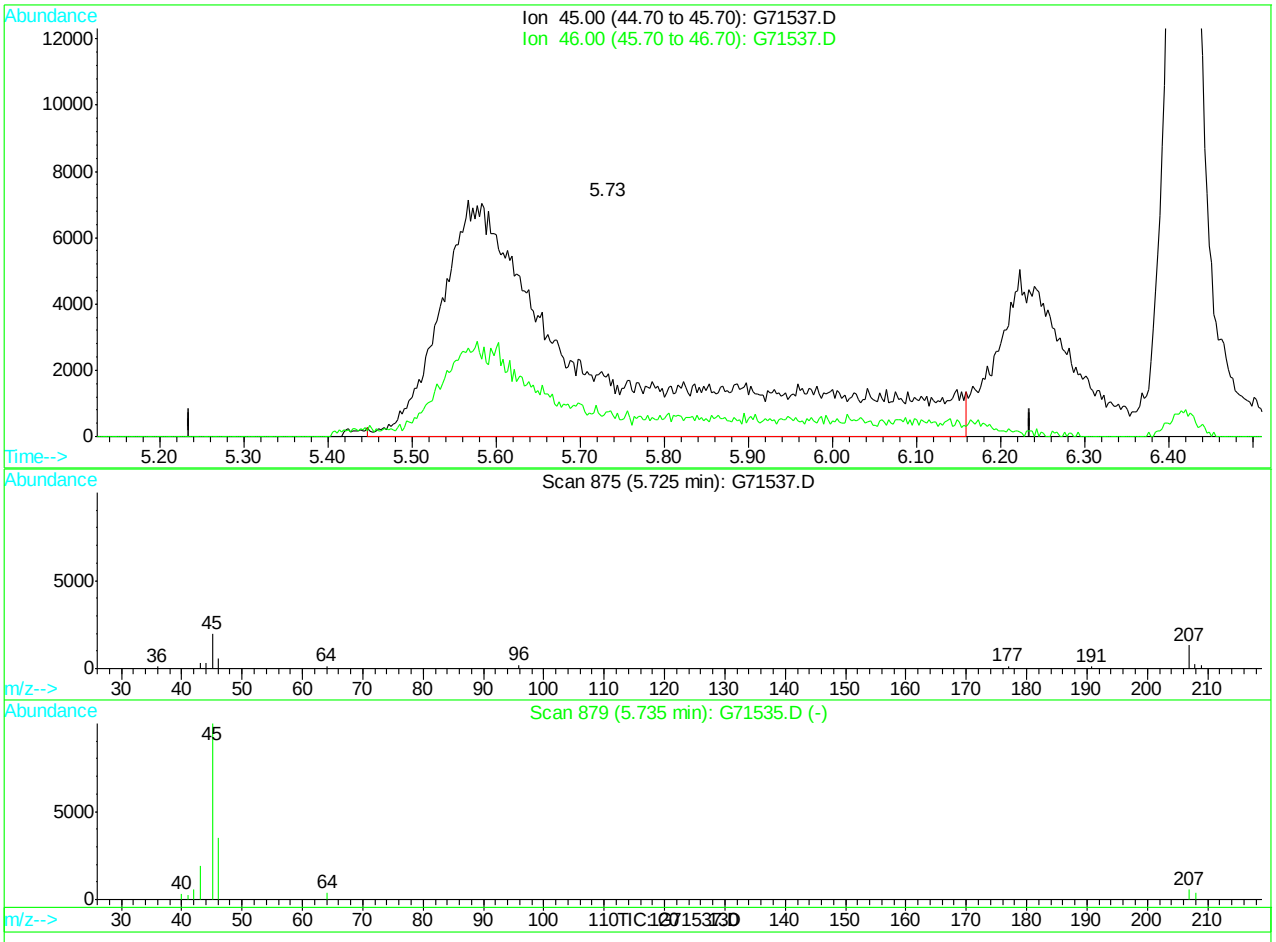
Ion	Exp%	Act%
45.00	100	100
46.00	37.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

G71537.D G071007W.M Wed Jul 11 13:07:37 2007 RPT1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71537.D Vial: 25
Acq On : 11 Jul 2007 3:10 am Operator: kimt
Sample : icv2872-50 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 13:07 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:34:33 2007
Response via : Multiple Level Calibration



(4) Ethanol (T)

5.73min 4582.35ppb m

response 89980

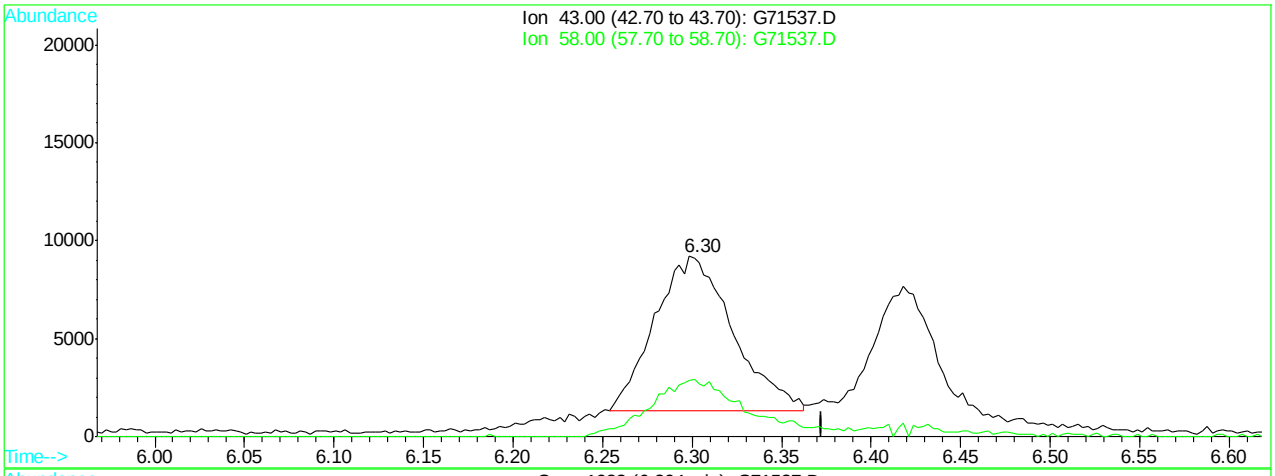
Ion	Exp%	Act%
45.00	100	100
46.00	37.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

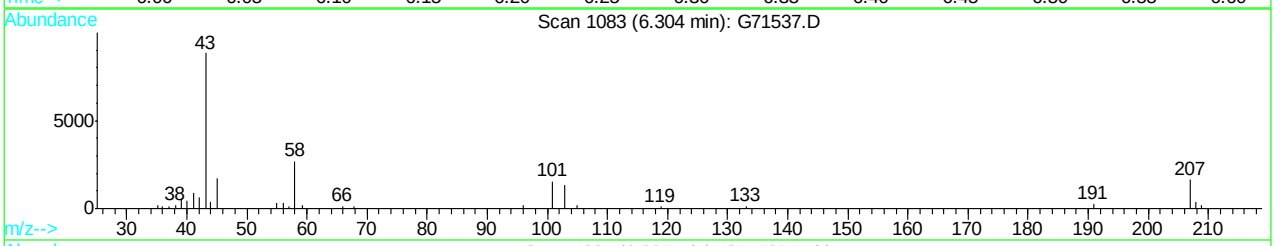
G71537.D G071007W.M Wed Jul 11 13:07:47 2007 RPT1

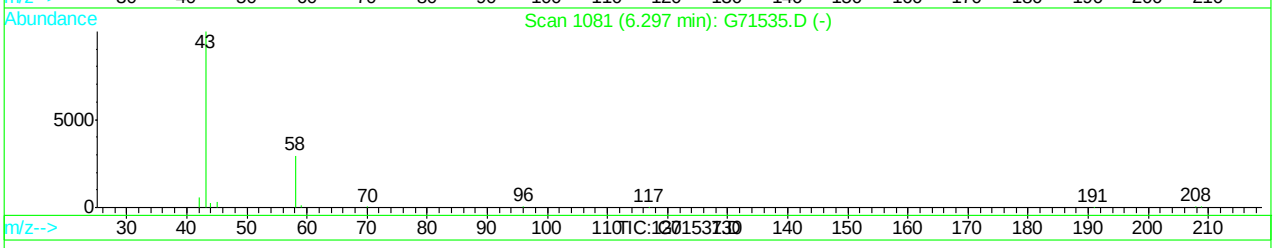
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71537.D Vial: 25
Acq On : 11 Jul 2007 3:10 am Operator: kimt
Sample : icv2872-50 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 13:07 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:34:33 2007
Response via : Multiple Level Calibration







(16) acetone (M)

6.30min 28.47ppb

response 23971

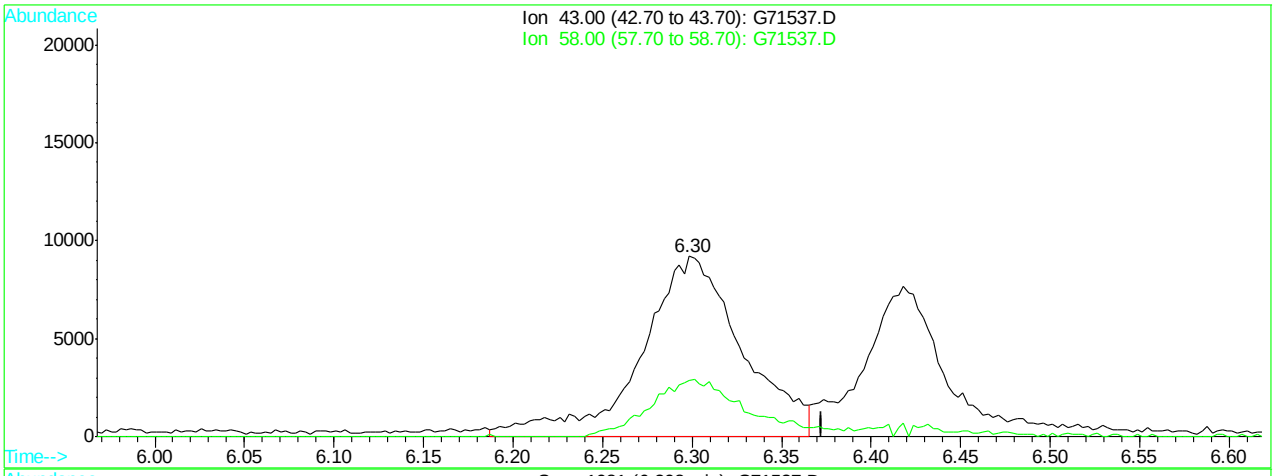
Ion	Exp%	Act%
43.00	100	100
58.00	28.80	29.75
0.00	0.00	0.00
0.00	0.00	0.00

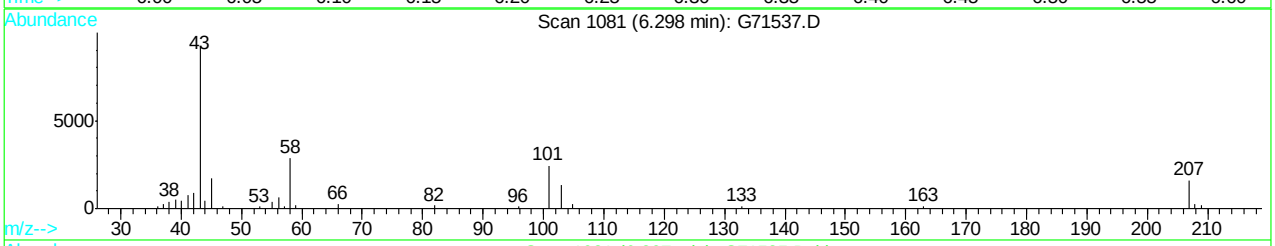
G71537.D G071007W.M Wed Jul 11 13:08:07 2007 RPT1

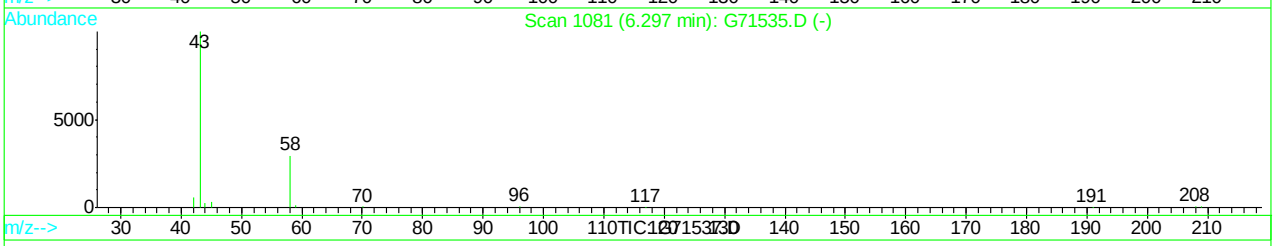
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71537.D Vial: 25
Acq On : 11 Jul 2007 3:10 am Operator: kimt
Sample : icv2872-50 Inst : 5973 G
Misc : ms13909,msg2872,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 13:08 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Jul 11 12:34:33 2007
Response via : Multiple Level Calibration







(16) acetone (M)

6.30min 42.98ppb m

response 36189

Ion	Exp%	Act%
43.00	100	100
58.00	28.80	31.33
0.00	0.00	0.00
0.00	0.00	0.00

G71537.D G071007W.M Wed Jul 11 13:08:15 2007 RPT1

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
07/24/07 14:00

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71836.D Vial: 1
Acq On : 23 Jul 2007 9:28 am Operator: kimt
Sample : cc2872-100 Inst : 5973 G
Misc : ms13981,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 9:59 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration
DataAcq Meth : G8260

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) tert butyl alcohol-d9	6.70	65	6792	50.00 ppb	-0.01
3) pentafluorobenzene	9.11	168	236981	50.00 ppb	0.00
43) 1,4-difluorobenzene	9.98	114	348840	50.00 ppb	0.00
66) chlorobenzene-d5	13.24	82	180975	50.00 ppb	0.00
80) 1,4-dichlorobenzene-d4	15.80	152	197684	50.00 ppb	0.00

System Monitoring Compounds

40) dibromofluoromethane (s)	8.75	113	110031	50.04 ppb	0.00
Spiked Amount 50.000	Range 83 - 127		Recovery = 100.08%		
60) toluene-d8 (s)	11.78	98	430800	49.61 ppb	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 99.22%		
82) bromofluorobenzene (s)	14.47	95	167735	47.63 ppb	0.00
Spiked Amount 50.000	Range 81 - 119		Recovery = 95.26%		

Target Compounds					Qvalue
2) tertiary butyl alcohol	6.80	59	165809m	1031.19 ppb	
4) Ethanol	5.69	45	197289	10000.52 ppb #	37
5) dichlorodifluoromethane	4.44	85	174809	90.63 ppb	99
6) chloromethane	4.71	50	228700	90.32 ppb	97
7) vinyl chloride	4.95	62	247407	97.72 ppb	95
8) bromomethane	5.45	96	162279	102.75 ppb	100
9) chloroethane	5.58	64	169353	96.39 ppb	99
10) ethyl ether	6.42	59	222714	96.67 ppb	98
11) acetonitrile	6.15	41	41398	89.94 ppb	92
12) trichlorofluoromethane	6.23	101	325196	105.25 ppb	99
13) freon-113	6.99	101	237814	112.10 ppb	97
14) acrolein	6.17	56	100326	402.51 ppb	100
15) 1,1-dichloroethene	6.79	96	234916	102.86 ppb	97
16) acetone	6.29	43	68693m	81.20 ppb	
17) Methyl Acetate	6.94	43	353432	89.53 ppb	97
18) methylene chloride	6.93	84	279673	100.35 ppb	97
19) methyl tert butyl ether	7.71	73	728800	93.81 ppb	99
20) acrylonitrile	6.81	53	488192	450.72 ppb	99
21) allyl chloride	7.02	41	409037	101.06 ppb	99
22) trans-1,2-dichloroethene	7.61	96	260158	104.29 ppb	98
23) iodomethane	6.85	142	456471	103.68 ppb	99
24) carbon disulfide	7.22	76	743052	99.35 ppb	99
25) propionitrile	6.81	54	17590	91.76 ppb	100
26) vinyl acetate	7.95	43	518929	191.38 ppb	100
27) chloroprene	8.23	53	328935	105.04 ppb	100
28) di-isopropyl ether	8.27	45	944124	97.54 ppb	97
29) methacrylonitrile	8.37	41	159825	88.51 ppb	95
30) 2-butanone	8.26	72	32447	95.56 ppb #	89
31) Hexane	8.25	41	394351	107.12 ppb	100
32) 1,1-dichloroethane	7.86	63	447508	97.84 ppb	99
33) tert-butyl ethyl ether	8.66	59	867519	97.65 ppb	99
34) isobutyl alcohol	8.68	43	129579	465.71 ppb	87
35) 2,2-dichloropropane	8.73	77	342454	130.46 ppb	99
36) cis-1,2-dichloroethene	8.43	96	288014	97.71 ppb	99
38) bromochloromethane	8.59	128	144491	104.01 ppb	96

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71836.D Vial: 1
Acq On : 23 Jul 2007 9:28 am Operator: kimt
Sample : cc2872-100 Inst : 5973 G
Misc : ms13981,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 9:59 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration
DataAcq Meth : G8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
39)	chloroform	8.63	83	439152	98.93	ppb		100
41)	Tetrahydrofuran	8.96	42	71966	83.33	ppb		99
42)	1,1,1-trichloroethane	9.39	97	371174	98.60	ppb		98
44)	Cyclohexane	9.69	56	493933	106.72	ppb		95
45)	carbon tetrachloride	9.76	117	354851	104.38	ppb		99
46)	1,1-dichloropropene	9.56	75	335112	102.12	ppb		99
47)	benzene	9.79	78	1015402	100.79	ppb		100
48)	1,2-dichloroethane	9.28	62	301506	93.03	ppb		100
49)	tert-amyl methyl ether	9.91	73	827690	96.34	ppb		99
50)	heptane	10.26	43	383725	120.88	ppb		99
51)	trichloroethene	10.40	95	251508	90.68	ppb		99
52)	1,2-dichloropropane	10.37	63	260120	99.31	ppb		99
53)	dibromomethane	10.34	93	158621	97.36	ppb		98
54)	bromodichloromethane	10.46	83	347331	98.90	ppb		99
55)	Methylcyclohexane	10.93	83	474099	112.52	ppb		99
56)	2-chloroethyl vinyl ether	10.82	63	24768	96.12	ppb		99
57)	methyl methacrylate	10.54	69	179078	100.80	ppb		97
58)	1,4-dioxane	10.57	88	10963	461.28	ppb		65
59)	cis-1,3-dichloropropene	11.07	75	416121	106.98	ppb		100
61)	4-methyl-2-pentanone	11.16	43	242791	86.14	ppb		100
62)	toluene	11.85	92	657854	98.84	ppb		100
63)	trans-1,3-dichloropropene	11.49	75	351666	104.95	ppb		100
64)	1,1,2-trichloroethane	11.66	83	192591	96.75	ppb		99
65)	ethyl methacrylate	11.86	69	349416	105.51	ppb		99
67)	tetrachloroethene	12.60	166	302048	108.39	ppb		99
68)	1,3-dichloropropane	11.90	76	398232	96.85	ppb		99
69)	dibromochloromethane	12.19	129	288290	103.64	ppb		100
70)	1,2-dibromoethane	12.44	107	241516	100.00	ppb		98
71)	2-hexanone	12.02	43	168754	89.16	ppb		99
72)	chlorobenzene	13.28	112	762145	102.43	ppb		98
73)	1,1,1,2-tetrachloroethane	13.19	131	272634	106.31	ppb		98
74)	ethylbenzene	13.45	91	1260399	105.28	ppb		99
75)	m,p-xylene	13.64	106	1042810	205.31	ppb		100
76)	o-xylene	14.05	106	511276	106.59	ppb		100
77)	styrene	13.98	104	835998	116.89	ppb		99
78)	bromoform	13.80	173	212980	103.92	ppb		99
79)	trans-1,4-dichloro-2-buten	14.19	53	55214	76.07	ppb	#	81
81)	isopropylbenzene	14.41	105	1143910	99.65	ppb		99
83)	bromobenzene	14.70	156	363402	98.04	ppb		97
84)	1,1,2,2-tetrachloroethane	14.05	83	313443	107.28	ppb		100
85)	1,2,3-trichloropropane	14.19	75	316263	85.60	ppb		99
86)	n-propylbenzene	14.86	91	1532972	100.84	ppb		99
87)	2-chlorotoluene	14.98	91	891827	95.71	ppb		99
88)	4-chlorotoluene	15.05	91	908716	94.78	ppb		97
89)	1,3,5-trimethylbenzene	15.14	105	1078264	101.53	ppb		100
90)	tert-butylbenzene	15.44	91	572772	99.71	ppb		100
91)	1,2,4-trimethylbenzene	15.55	105	1115992	101.18	ppb		99
92)	sec-butylbenzene	15.66	105	1409703	104.26	ppb		99
93)	1,3-dichlorobenzene	15.77	146	656353	99.93	ppb		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71836.D Vial: 1
Acq On : 23 Jul 2007 9:28 am Operator: kimt
Sample : cc2872-100 Inst : 5973 G
Misc : ms13981,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 9:59 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration
DataAcq Meth : G8260

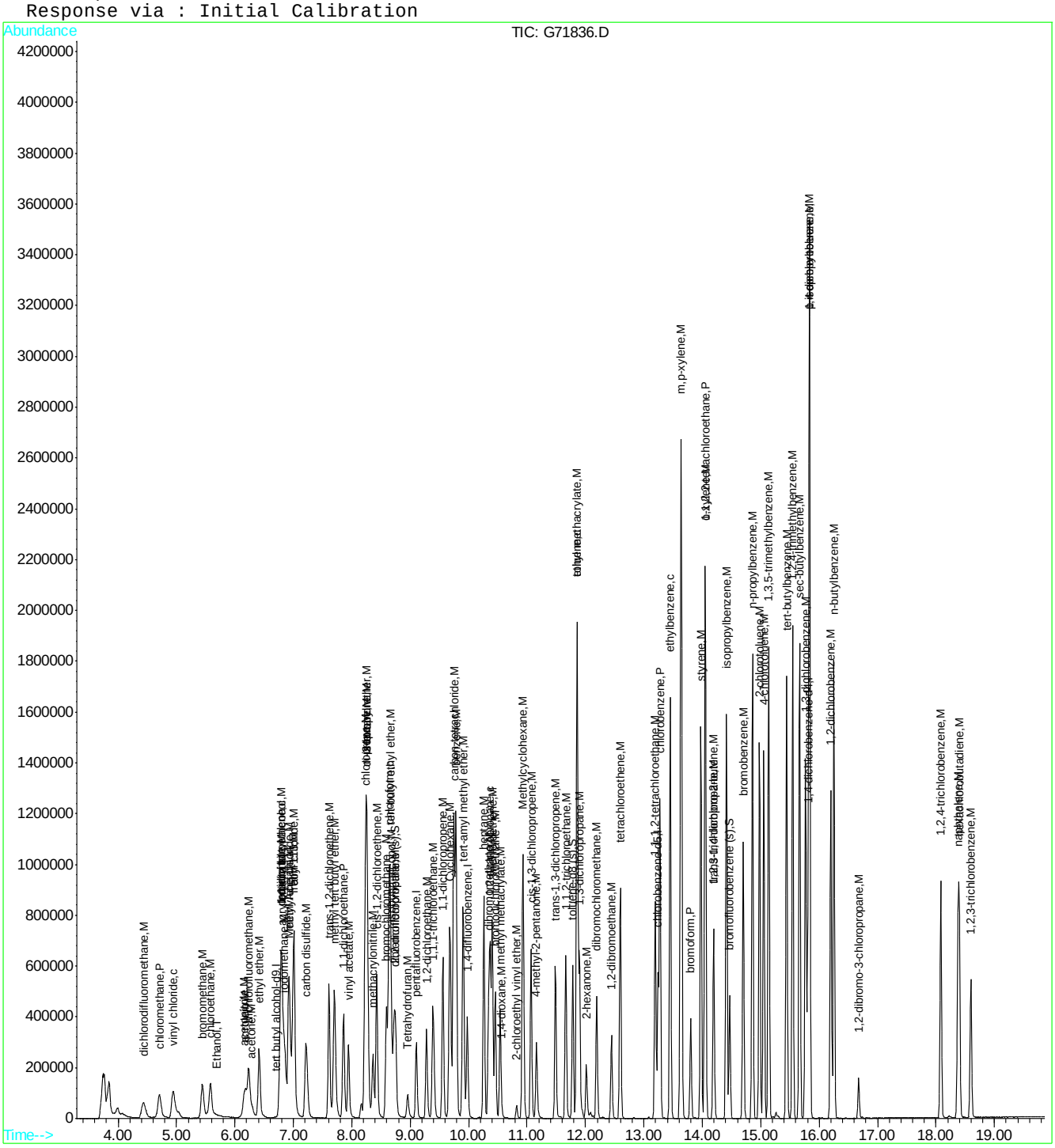
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
94)	p-isopropyltoluene	15.83	119	1238993	106.93	ppb	100
95)	1,4-dichlorobenzene	15.83	146	717891	102.15	ppb	100
96)	1,2-dichlorobenzene	16.20	146	595544	98.26	ppb	98
97)	n-butylbenzene	16.25	91	1071109	104.52	ppb	100
98)	1,2-dibromo-3-chloropropan	16.67	75	39224	84.11	ppb	94
99)	1,2,4-trichlorobenzene	18.08	180	359763	102.75	ppb	96
100)	hexachlorobutadiene	18.40	225	206041	105.39	ppb	98
101)	naphthalene	18.37	128	592371	93.95	ppb	100
102)	1,2,3-trichlorobenzene	18.60	180	221589	82.78	ppb	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\G71836.D Vial: 1
Acq On : 23 Jul 2007 9:28 am Operator: kimt
Sample : cc2872-100 Inst : 5973 G
Misc : ms13981,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 9:59 2007 Quant Results File: G071007W.RES

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration

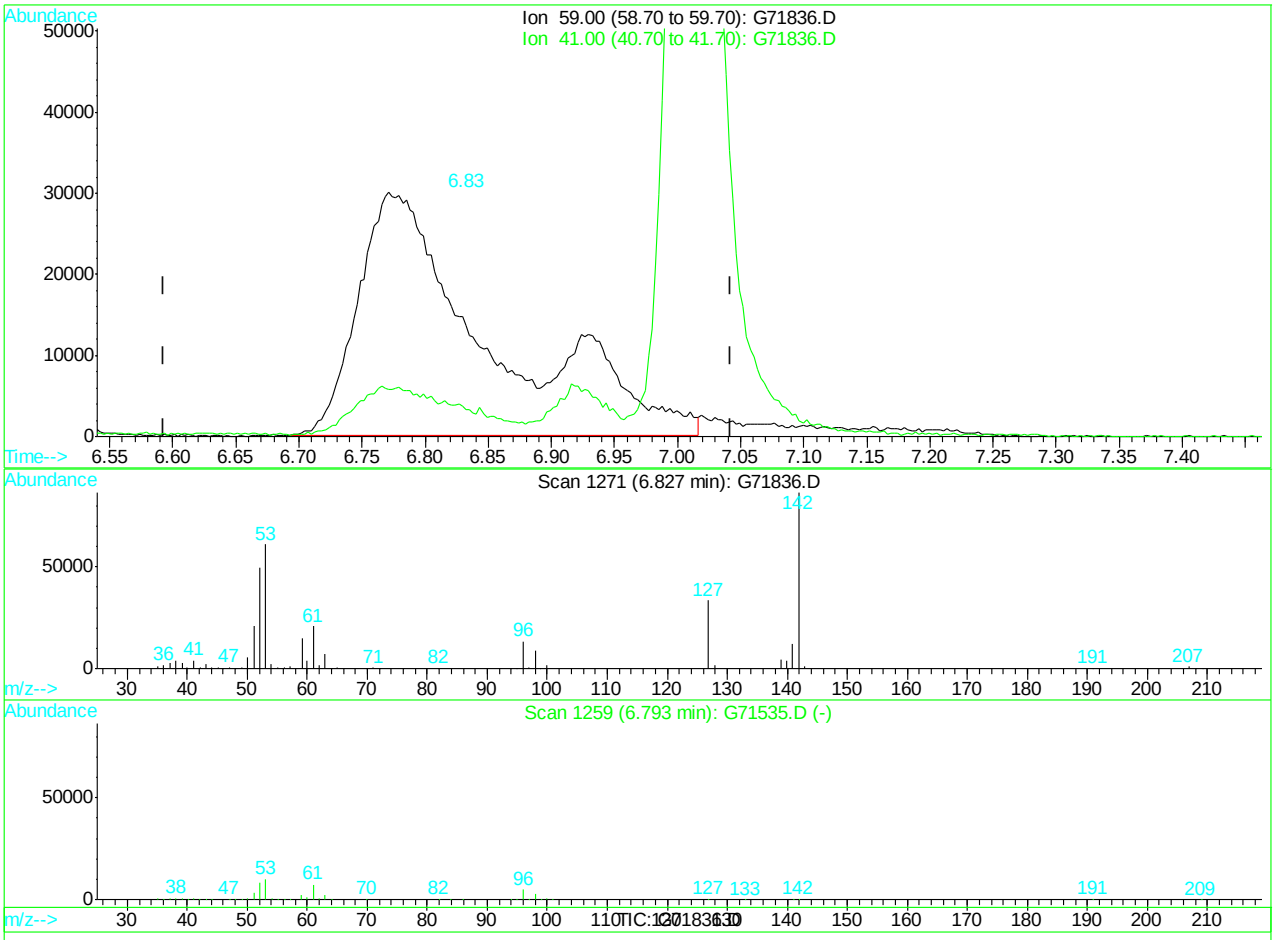


ACCUTEST Laboratories M66438

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71836.D Vial: 1
Acq On : 23 Jul 2007 9:28 am Operator: kimt
Sample : cc2872-100 Inst : 5973 G
Misc : ms13981,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 9:58 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration



(2) tertiary butyl alcohol (M)

6.83min 1322.63ppb

response 212671

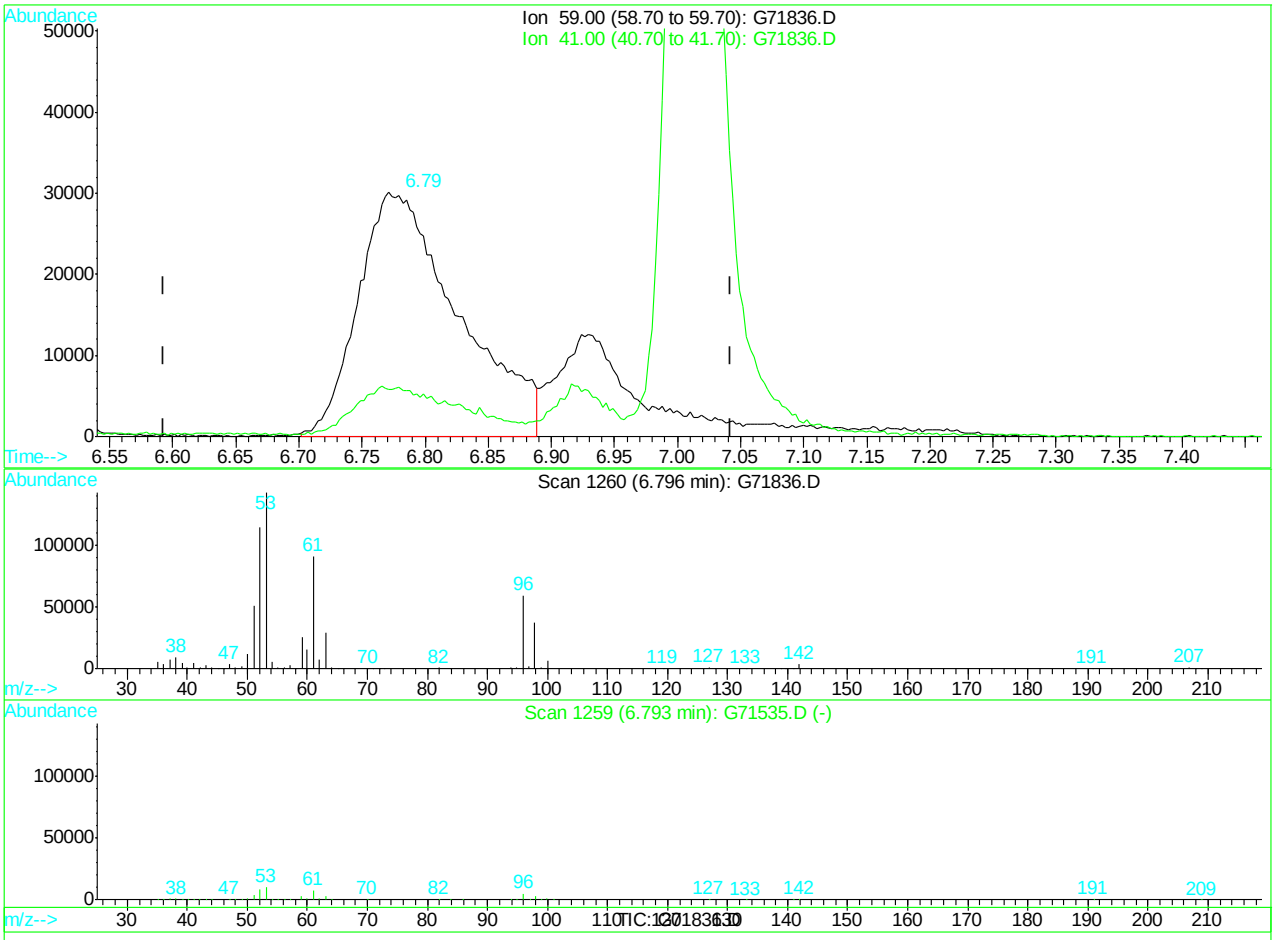
Ion	Exp%	Act%
59.00	100	100
41.00	18.40	26.42
0.00	0.00	0.00
0.00	0.00	0.00

G71836.D G071007W.M Mon Jul 23 09:58:58 2007 RP1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71836.D Vial: 1
Acq On : 23 Jul 2007 9:28 am Operator: kimt
Sample : cc2872-100 Inst : 5973 G
Misc : ms13981,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 9:59 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration



(2) tertiary butyl alcohol (M)

6.80min 1031.19ppb m

response 165809

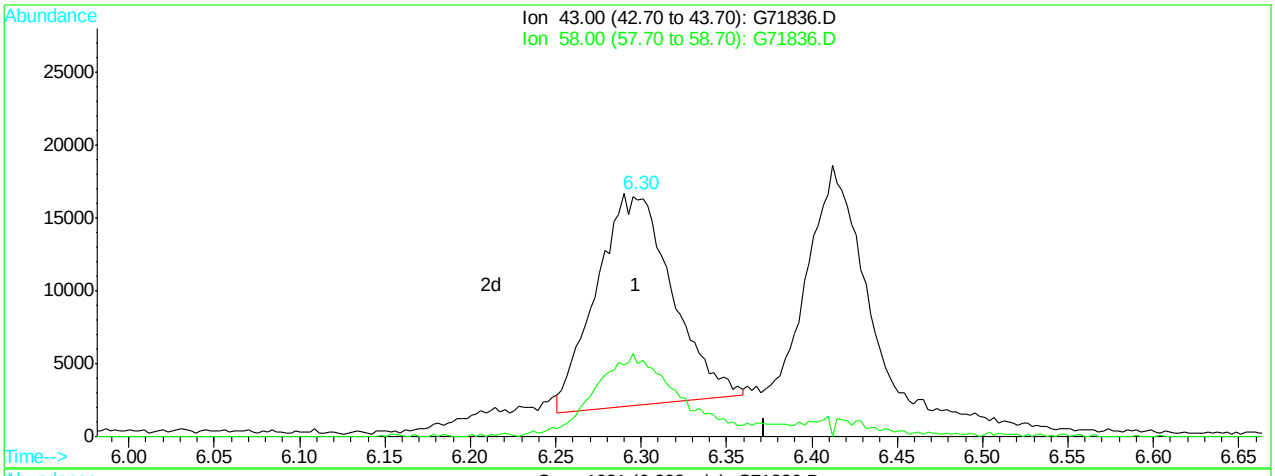
Ion	Exp%	Act%
59.00	100	100
41.00	18.40	19.41
0.00	0.00	0.00
0.00	0.00	0.00

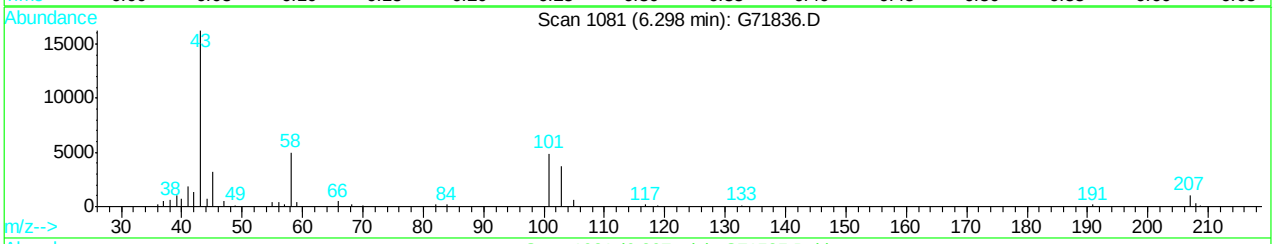
G71836.D G071007W.M Mon Jul 23 09:59:04 2007 RP1

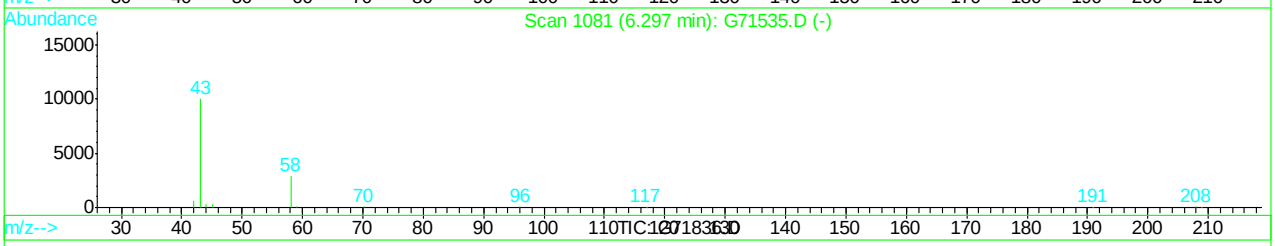
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71836.D Vial: 1
Acq On : 23 Jul 2007 9:28 am Operator: kimt
Sample : cc2872-100 Inst : 5973 G
Misc : ms13981,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 9:59 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration







(16) acetone (M)

6.30min 53.19ppb

response 44994

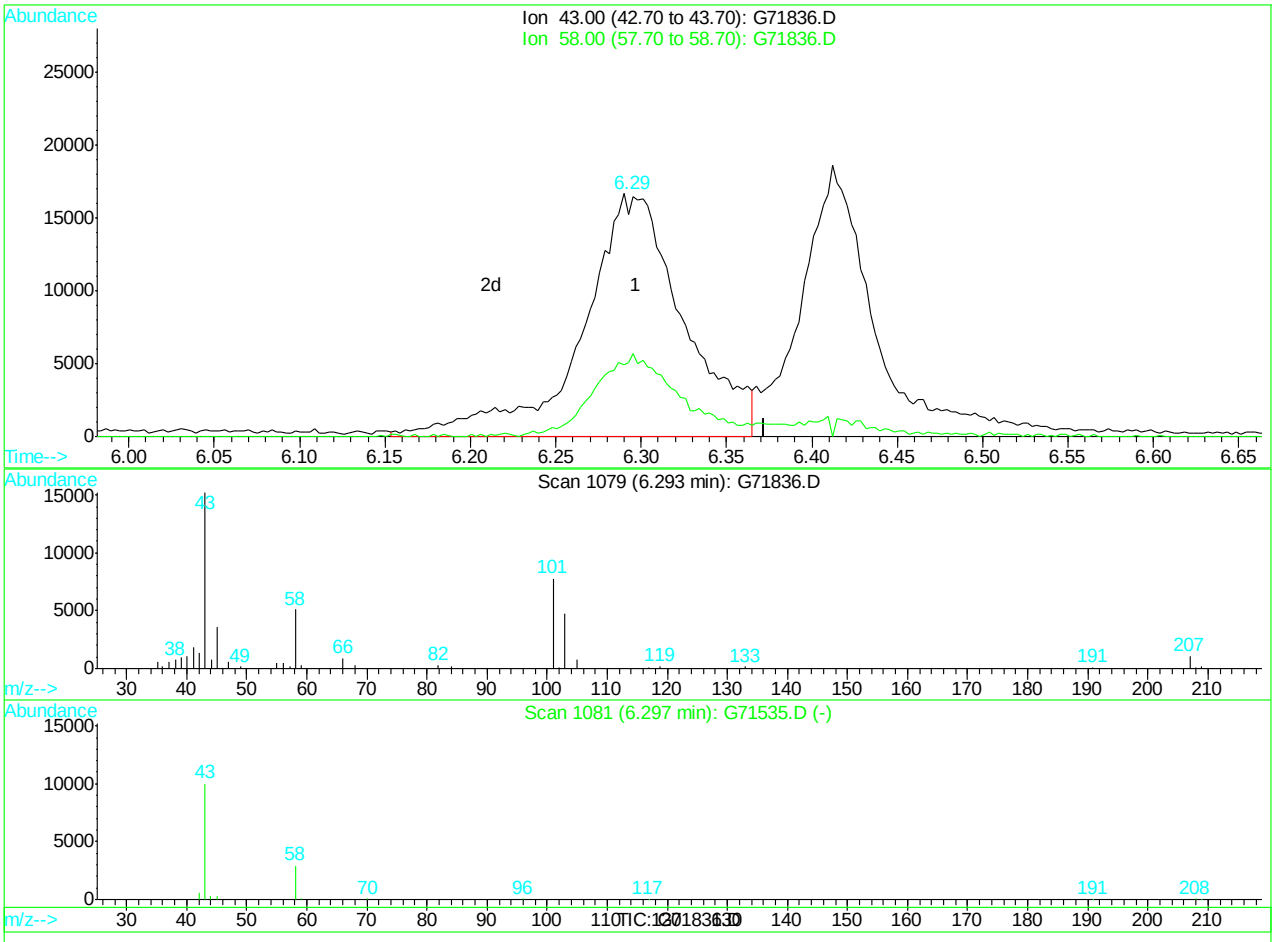
Ion	Exp%	Act%
43.00	100	100
58.00	28.80	33.08
0.00	0.00	0.00
0.00	0.00	0.00

G71836.D G071007W.M Mon Jul 23 09:59:21 2007 RP1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71836.D Vial: 1
Acq On : 23 Jul 2007 9:28 am Operator: kimt
Sample : cc2872-100 Inst : 5973 G
Misc : ms13981,msg2884,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 9:59 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration



(16) acetone (M)

6.29min 81.20ppb m

response 68693

Ion	Exp%	Act%
43.00	100	100
58.00	28.80	33.50
0.00	0.00	0.00
0.00	0.00	0.00

G71836.D G071007W.M Mon Jul 23 09:59:34 2007 RP1

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani 07/25/07 15:54

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71889.D Vial: 1
Acq On : 24 Jul 2007 8:42 am Operator: kimt
Sample : cc2872-100 Inst : 5973 G
Misc : ms13993,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:14 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration
DataAcq Meth : G8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.71	65	6904	50.00	ppb	0.00
3) pentafluorobenzene	9.11	168	243923	50.00	ppb	0.00
43) 1,4-difluorobenzene	9.98	114	354451	50.00	ppb	0.00
66) chlorobenzene-d5	13.24	82	176718	50.00	ppb	0.00
80) 1,4-dichlorobenzene-d4	15.80	152	195488	50.00	ppb	0.00

System Monitoring Compounds

40) dibromofluoromethane (s)	8.76	113	110748	48.93	ppb	0.00
Spiked Amount 50.000	Range 83 - 127		Recovery = 97.86%			
60) toluene-d8 (s)	11.78	98	421212	47.74	ppb	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 95.48%			
82) bromofluorobenzene (s)	14.47	95	158293	45.46	ppb	0.00
Spiked Amount 50.000	Range 81 - 119		Recovery = 90.92%			

Target Compounds

							Qvalue
2) tertiary butyl alcohol	6.79	59	168003m	1027.88	ppb		
4) Ethanol	5.70	45	184236m	9073.08	ppb		
5) dichlorodifluoromethane	4.44	85	152206	76.67	ppb		97
6) chloromethane	4.71	50	216755	83.16	ppb		100
7) vinyl chloride	4.95	62	233310	89.53	ppb		100
8) bromomethane	5.45	96	156970	96.38	ppb		96
9) chloroethane	5.59	64	157039	86.83	ppb		100
10) ethyl ether	6.42	59	212764	89.72	ppb		96
11) acetonitrile	6.16	41	41439m	87.51	ppb		
12) trichlorofluoromethane	6.23	101	289786	91.12	ppb		99
13) freon-113	7.00	101	216032	98.93	ppb		98
14) acrolein	6.17	56	122432	477.22	ppb		100
15) 1,1-dichloroethene	6.79	96	216510	92.09	ppb		99
16) acetone	6.29	43	70669m	81.16	ppb		
17) Methyl Acetate	6.94	43	343751	84.60	ppb		97
18) methylene chloride	6.93	84	266699	92.89	ppb		98
19) methyl tert butyl ether	7.71	73	686563	85.86	ppb		100
20) acrylonitrile	6.82	53	476961	427.82	ppb		99
21) allyl chloride	7.02	41	378922	90.96	ppb		99
22) trans-1,2-dichloroethene	7.62	96	241580	94.09	ppb		97
23) iodomethane	6.86	142	433429	95.64	ppb		100
24) carbon disulfide	7.23	76	678510	88.14	ppb		100
25) propionitrile	6.81	54	17670	89.73	ppb		100
26) vinyl acetate	7.95	43	504100	183.36	ppb		100
27) chloroprene	8.23	53	303240	94.08	ppb		100
28) di-isopropyl ether	8.27	45	894821	89.81	ppb		96
29) methacrylonitrile	8.37	41	160348	86.27	ppb		95
30) 2-butanone	8.26	72	31725	90.77	ppb	#	89
31) Hexane	8.25	41	373205	98.49	ppb		98
32) 1,1-dichloroethane	7.86	63	421361	89.50	ppb		100
33) tert-butyl ethyl ether	8.67	59	816473	89.29	ppb		97
34) isobutyl alcohol	8.68	43	128182	447.58	ppb		98
35) 2,2-dichloropropane	8.73	77	312242	115.57	ppb		99
36) cis-1,2-dichloroethene	8.43	96	273676	90.20	ppb		98
38) bromochloromethane	8.60	128	139863	97.82	ppb		93

(#) = qualifier out of range (m) = manual integration
G71889.D G071007W.M Tue Jul 24 09:14:30 2007 RP1

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71889.D Vial: 1
Acq On : 24 Jul 2007 8:42 am Operator: kimt
Sample : cc2872-100 Inst : 5973 G
Misc : ms13993,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:14 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration
DataAcq Meth : G8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
39)	chloroform	8.64	83	418875	91.68	ppb		99
41)	Tetrahydrofuran	8.96	42	72373	81.42	ppb		98
42)	1,1,1-trichloroethane	9.40	97	343100	88.55	ppb		98
44)	Cyclohexane	9.69	56	441341	93.85	ppb		97
45)	carbon tetrachloride	9.76	117	325972	94.36	ppb		98
46)	1,1-dichloropropene	9.56	75	311008	93.27	ppb		99
47)	benzene	9.79	78	971234	94.88	ppb		99
48)	1,2-dichloroethane	9.28	62	288970	87.75	ppb		100
49)	tert-amyl methyl ether	9.91	73	790904	90.60	ppb		98
50)	heptane	10.26	43	363555	112.71	ppb		99
51)	trichloroethene	10.41	95	240137	85.21	ppb		100
52)	1,2-dichloropropane	10.37	63	248590	93.40	ppb		100
53)	dibromomethane	10.34	93	155184	93.74	ppb		96
54)	bromodichloromethane	10.46	83	332256	93.11	ppb		98
55)	Methylcyclohexane	10.93	83	435603	101.74	ppb		97
56)	2-chloroethyl vinyl ether	10.83	63	23907	91.31	ppb		99
57)	methyl methacrylate	10.54	69	173121	95.91	ppb		100
58)	1,4-dioxane	10.57	88	10006	417.35	ppb		86
59)	cis-1,3-dichloropropene	11.07	75	394245	99.75	ppb		97
61)	4-methyl-2-pentanone	11.16	43	237401	82.89	ppb		100
62)	toluene	11.86	92	629508	93.09	ppb		99
63)	trans-1,3-dichloropropene	11.49	75	333269	97.89	ppb		98
64)	1,1,2-trichloroethane	11.66	83	186221	92.07	ppb		97
65)	ethyl methacrylate	11.86	69	338400	100.57	ppb		99
67)	tetrachloroethene	12.60	166	287526	105.67	ppb		99
68)	1,3-dichloropropane	11.90	76	383500	95.52	ppb		100
69)	dibromochloromethane	12.19	129	274139	100.93	ppb		99
70)	1,2-dibromoethane	12.45	107	235460	99.84	ppb		99
71)	2-hexanone	12.02	43	169039	91.46	ppb		99
72)	chlorobenzene	13.28	112	729198	100.36	ppb		98
73)	1,1,1,2-tetrachloroethane	13.19	131	257844	102.96	ppb		96
74)	ethylbenzene	13.45	91	1190800	101.86	ppb		100
75)	m,p-xylene	13.64	106	995772	200.77	ppb		98
76)	o-xylene	14.05	106	488518	104.30	ppb		100
77)	styrene	13.98	104	790629	113.21	ppb		99
78)	bromoform	13.80	173	203647	101.76	ppb		99
79)	trans-1,4-dichloro-2-buten	14.19	53	48292	68.42	ppb	#	68
81)	isopropylbenzene	14.41	105	1071910	94.42	ppb		100
83)	bromobenzene	14.70	156	346495	94.53	ppb		96
84)	1,1,2,2-tetrachloroethane	14.05	83	312135	108.03	ppb		100
85)	1,2,3-trichloropropane	14.19	75	298893	81.80	ppb		100
86)	n-propylbenzene	14.86	91	1439139	95.73	ppb		98
87)	2-chlorotoluene	14.98	91	844626	91.66	ppb		99
88)	4-chlorotoluene	15.05	91	865531	91.29	ppb		97
89)	1,3,5-trimethylbenzene	15.14	105	1020698	97.19	ppb		98
90)	tert-butylbenzene	15.44	91	541224	95.28	ppb		99
91)	1,2,4-trimethylbenzene	15.55	105	1055787	96.80	ppb		99
92)	sec-butylbenzene	15.66	105	1336899	99.99	ppb		99
93)	1,3-dichlorobenzene	15.77	146	638528	98.30	ppb		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\G71889.D Vial: 1
Acq On : 24 Jul 2007 8:42 am Operator: kimt
Sample : cc2872-100 Inst : 5973 G
Misc : ms13993,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:14 2007 Quant Results File: G071007W.RES

Quant Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration
DataAcq Meth : G8260

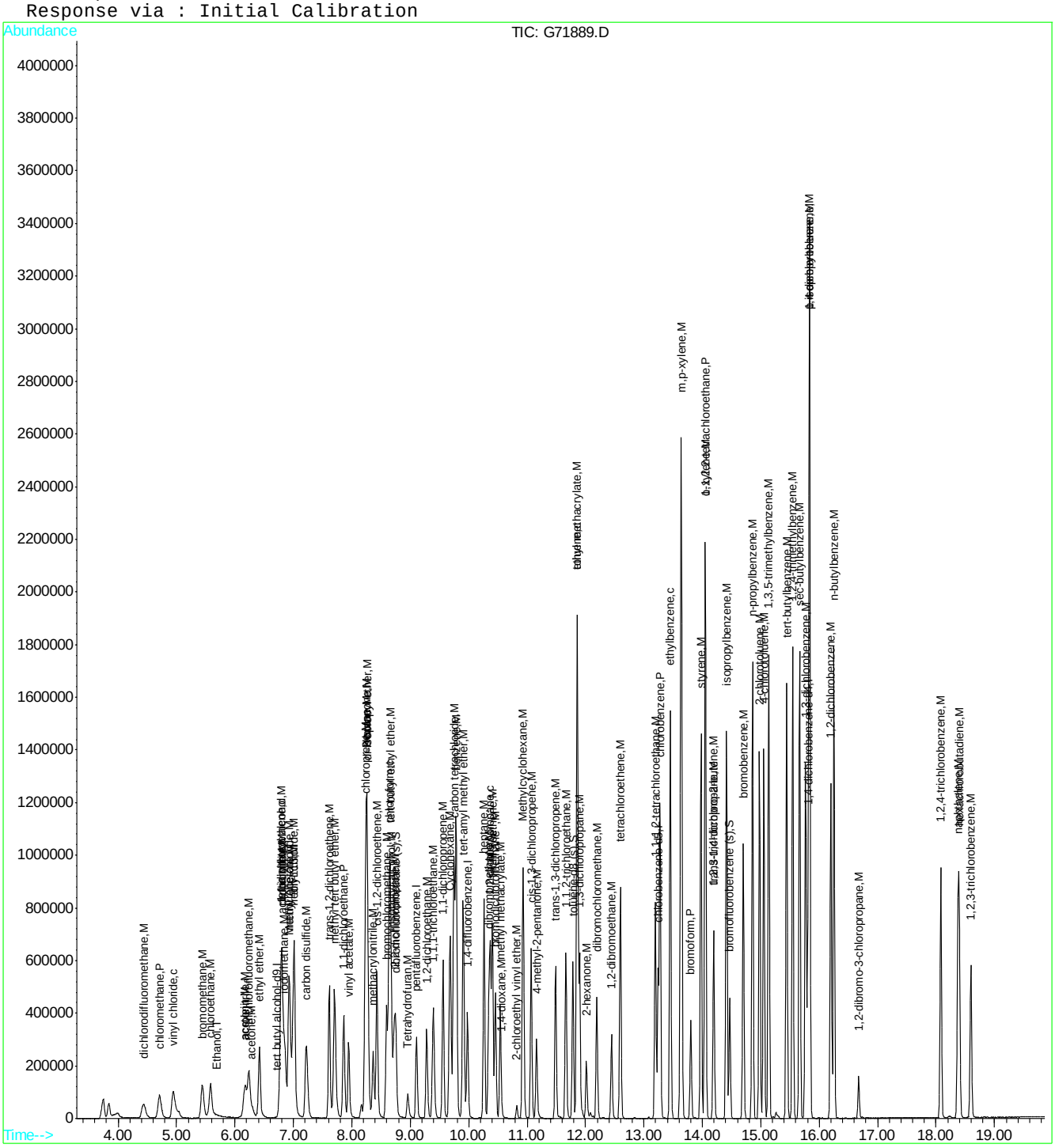
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
94)	p-isopropyltoluene	15.83	119	1198889	104.63	ppb	99
95)	1,4-dichlorobenzene	15.83	146	702251	101.05	ppb	99
96)	1,2-dichlorobenzene	16.20	146	584728	97.56	ppb	97
97)	n-butylbenzene	16.25	91	1042604	102.88	ppb	99
98)	1,2-dibromo-3-chloropropan	16.67	75	39204	85.01	ppb	97
99)	1,2,4-trichlorobenzene	18.08	180	363471	104.98	ppb	100
100)	hexachlorobutadiene	18.40	225	200780	103.85	ppb	100
101)	naphthalene	18.37	128	647817	103.90	ppb	100
102)	1,2,3-trichlorobenzene	18.60	180	236004	89.93	ppb	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\G71889.D Vial: 1
Acq On : 24 Jul 2007 8:42 am Operator: kimt
Sample : cc2872-100 Inst : 5973 G
Misc : ms13993,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:14 2007 Quant Results File: G071007W.RES

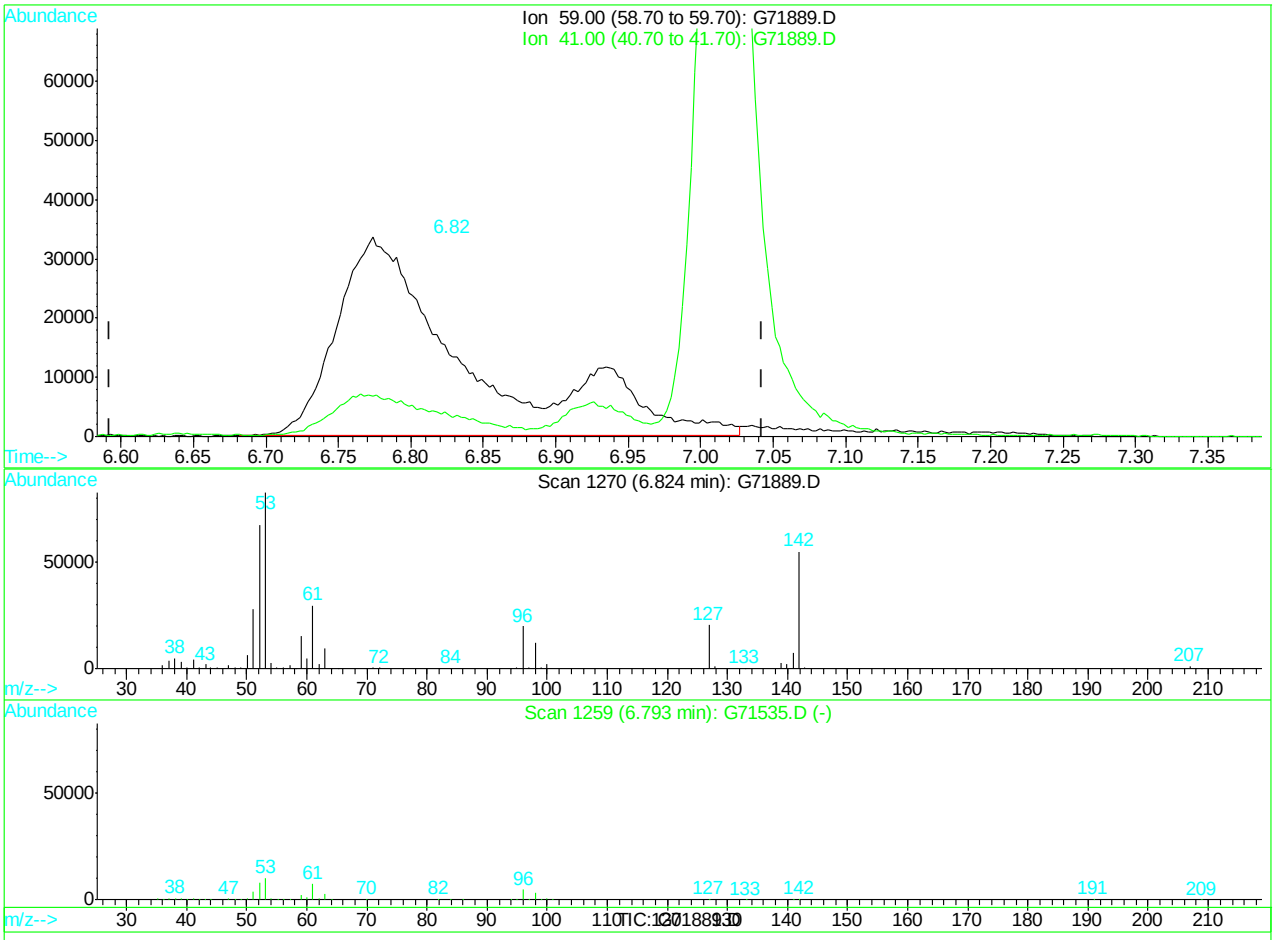
Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Initial Calibration



Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71889.D Vial: 1
Acq On : 24 Jul 2007 8:42 am Operator: kimt
Sample : cc2872-100 Inst : 5973 G
Misc : ms13993,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:12 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration



(2) tertiary butyl alcohol (M)

6.82min 1287.75ppb

response 210477

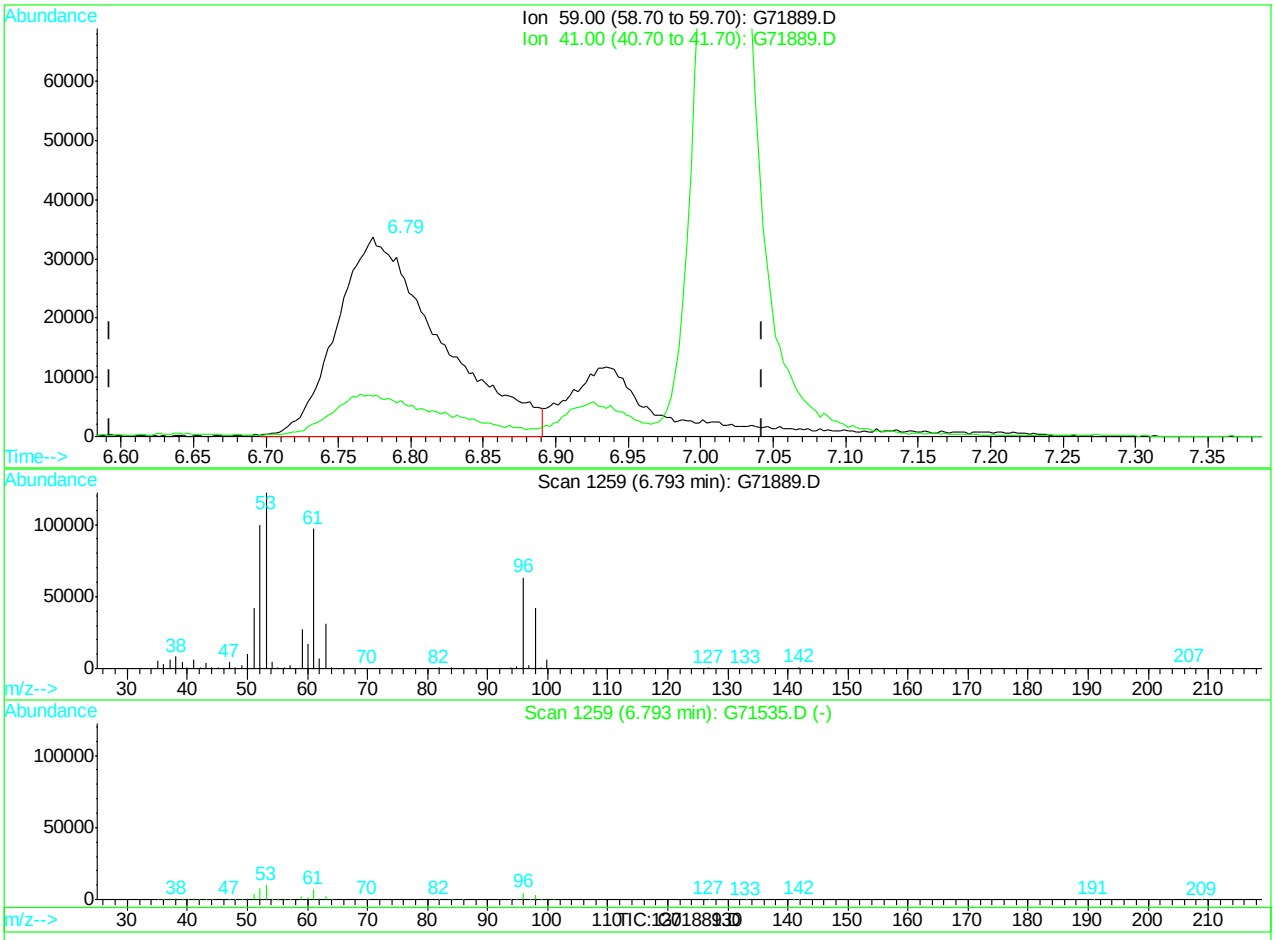
Ion	Exp%	Act%
59.00	100	100
41.00	18.40	25.12
0.00	0.00	0.00
0.00	0.00	0.00

G71889.D G071007W.M Tue Jul 24 09:13:05 2007 RP1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71889.D Vial: 1
Acq On : 24 Jul 2007 8:42 am Operator: kimt
Sample : cc2872-100 Inst : 5973 G
Misc : ms13993,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:13 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration



(2) tertiary butyl alcohol (M)

6.79min 1027.88ppb m

response 168003

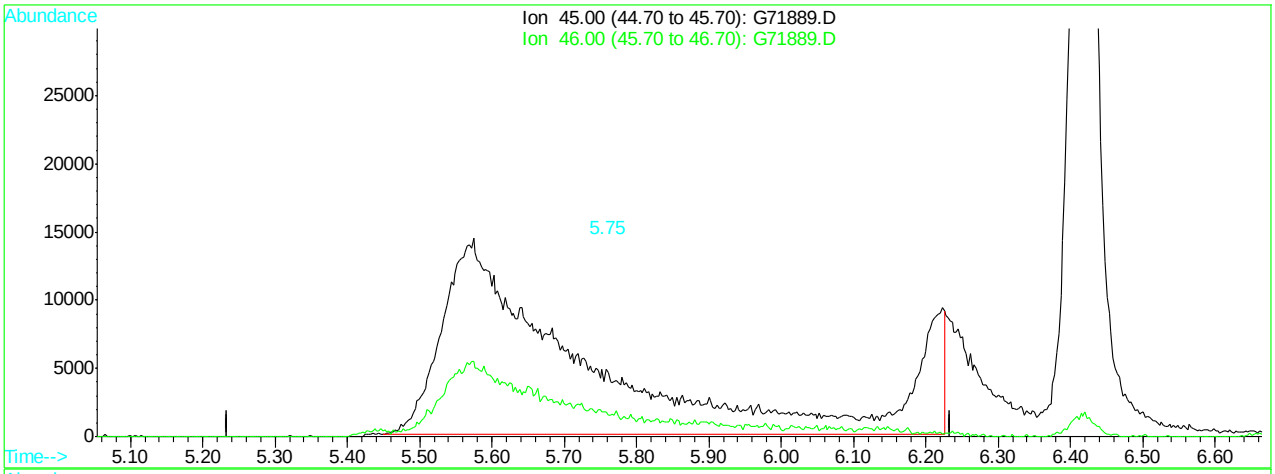
Ion	Exp%	Act%
59.00	100	100
41.00	18.40	21.90
0.00	0.00	0.00
0.00	0.00	0.00

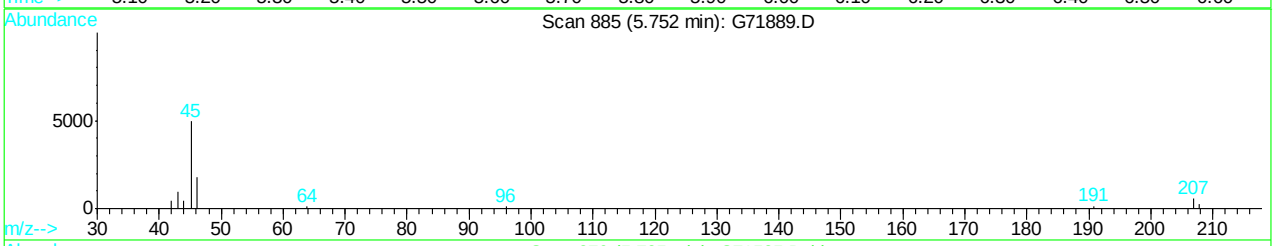
G71889.D G071007W.M Tue Jul 24 09:13:11 2007 RP1

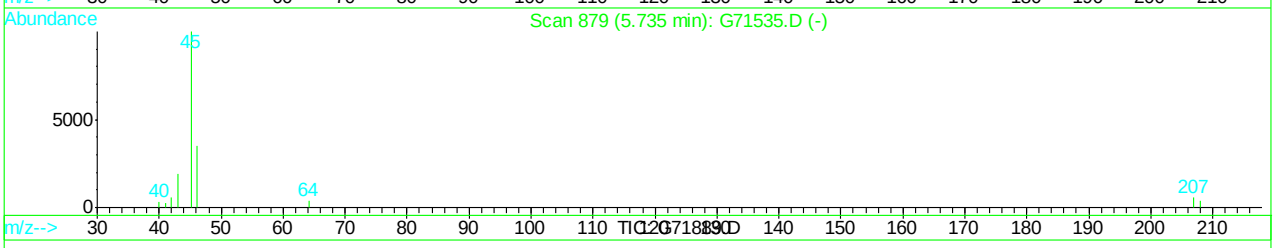
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71889.D Vial: 1
Acq On : 24 Jul 2007 8:42 am Operator: kimt
Sample : cc2872-100 Inst : 5973 G
Misc : ms13993,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:13 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration







(4) Ethanol (T)

5.75min 9951.55ppb

response 202074

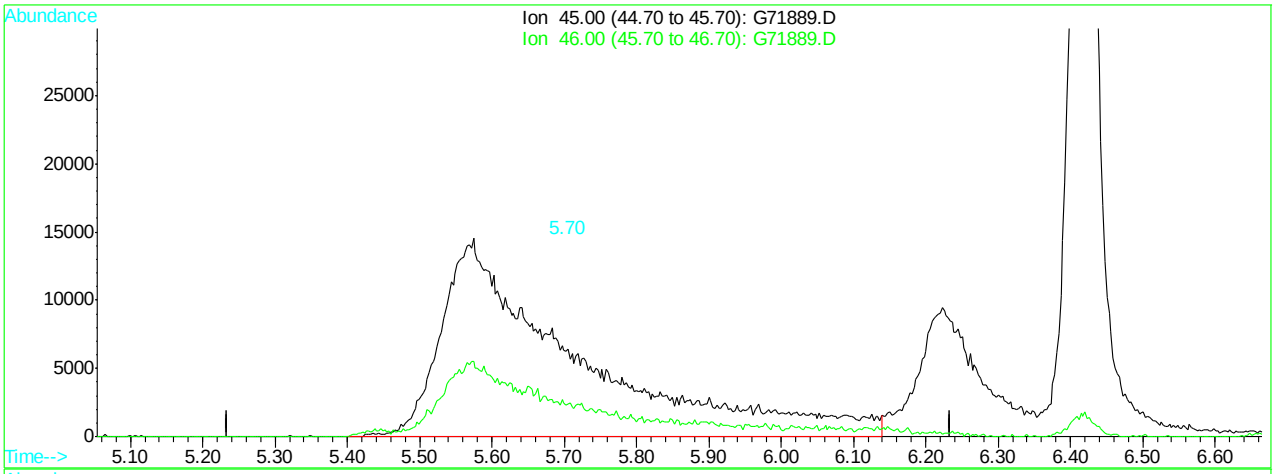
Ion	Exp%	Act%
45.00	100	100
46.00	37.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

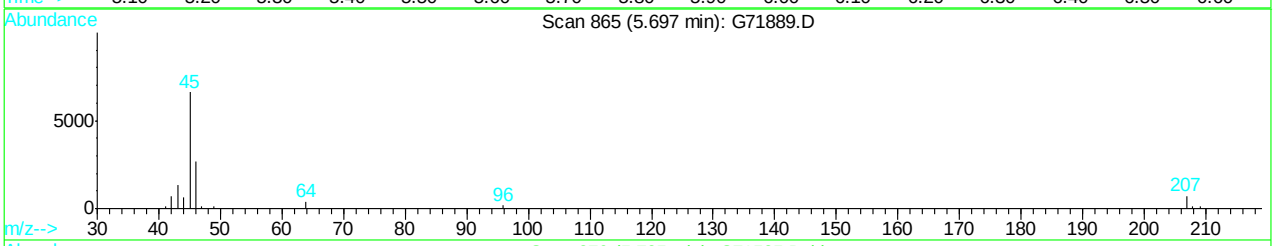
G71889.D G071007W.M Tue Jul 24 09:13:18 2007 RP1

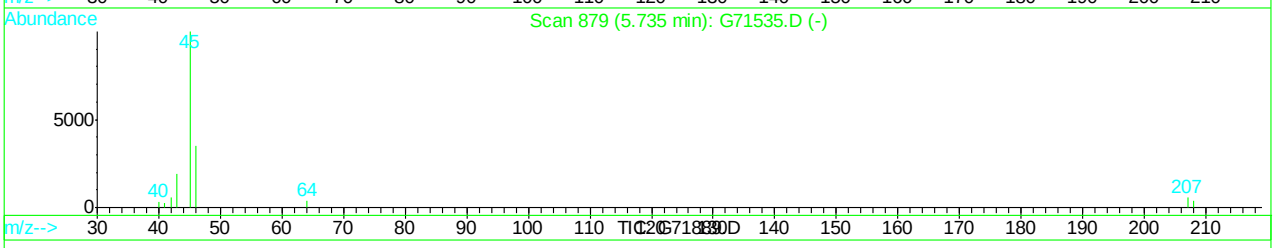
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71889.D Vial: 1
Acq On : 24 Jul 2007 8:42 am Operator: kimt
Sample : cc2872-100 Inst : 5973 G
Misc : ms13993,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:13 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration







(4) Ethanol (T)

5.70min 9073.08ppb m

response 184236

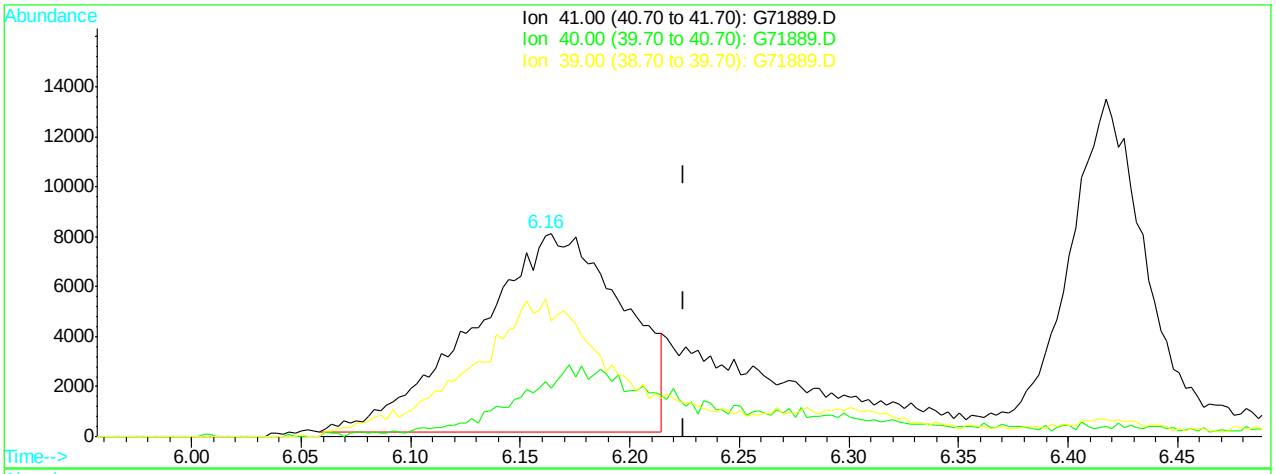
Ion	Exp%	Act%
45.00	100	100
46.00	37.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

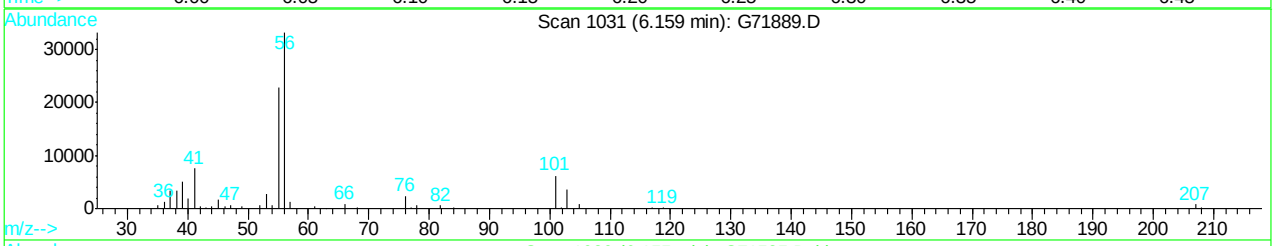
G71889.D G071007W.M Tue Jul 24 09:13:24 2007 RP1

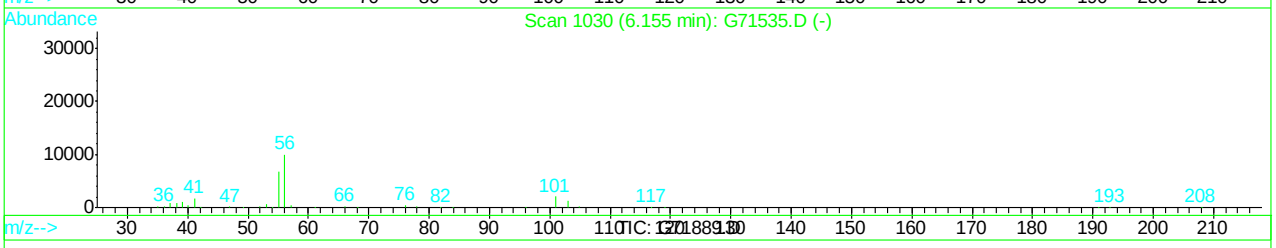
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71889.D Vial: 1
Acq On : 24 Jul 2007 8:42 am Operator: kimt
Sample : cc2872-100 Inst : 5973 G
Misc : ms13993,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:13 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration







(11) acetonitrile (M)

6.16min 79.80ppb

response 37726

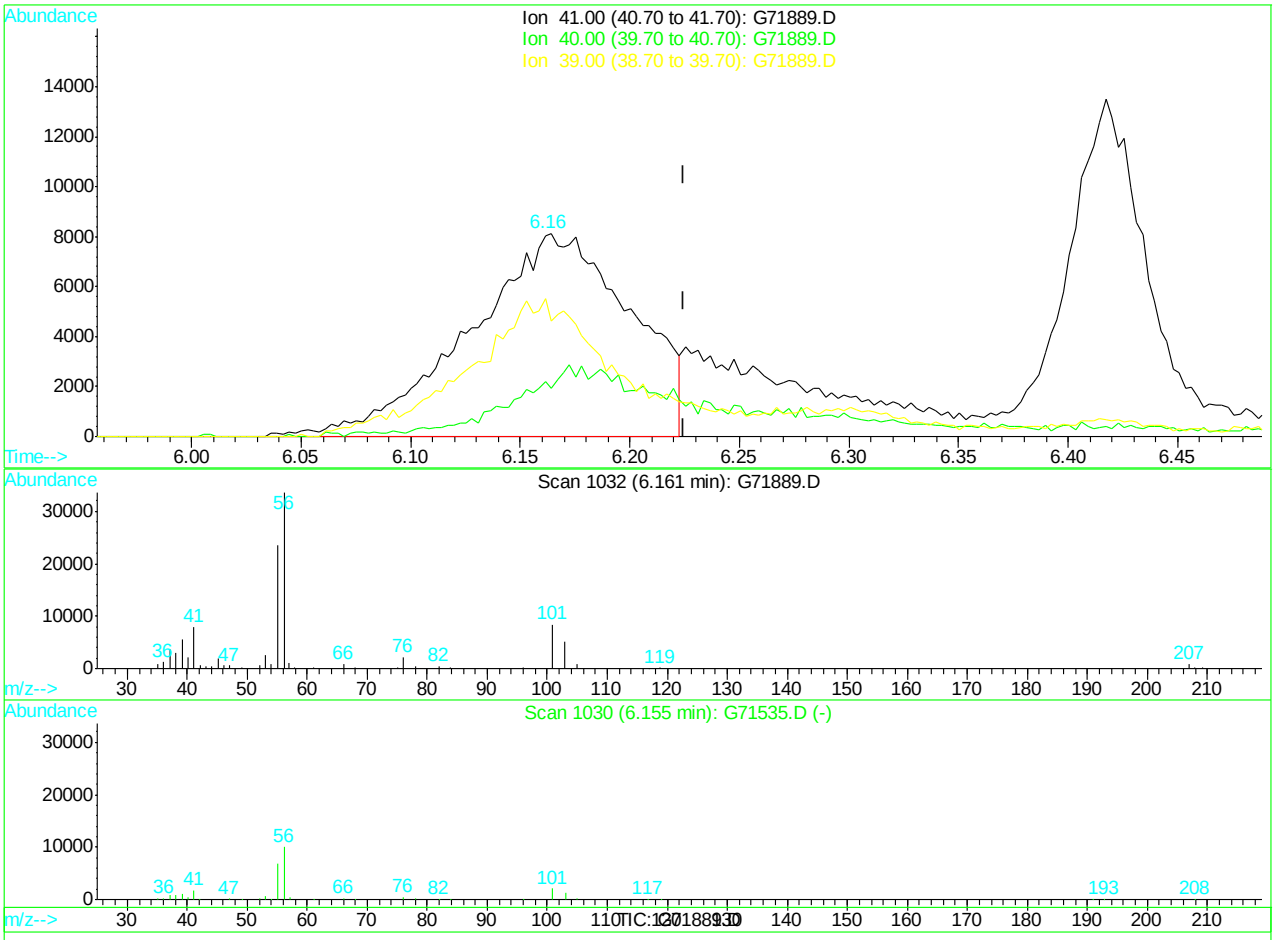
Ion	Exp%	Act%
41.00	100	100
40.00	29.50	26.05
39.00	60.60	68.39
0.00	0.00	0.00

G71889.D G071007W.M Tue Jul 24 09:13:38 2007 RP1

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71889.D Vial: 1
Acq On : 24 Jul 2007 8:42 am Operator: kimt
Sample : cc2872-100 Inst : 5973 G
Misc : ms13993,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:13 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration



(11) acetonitrile (M)

6.16min 87.51ppb m

response 41439

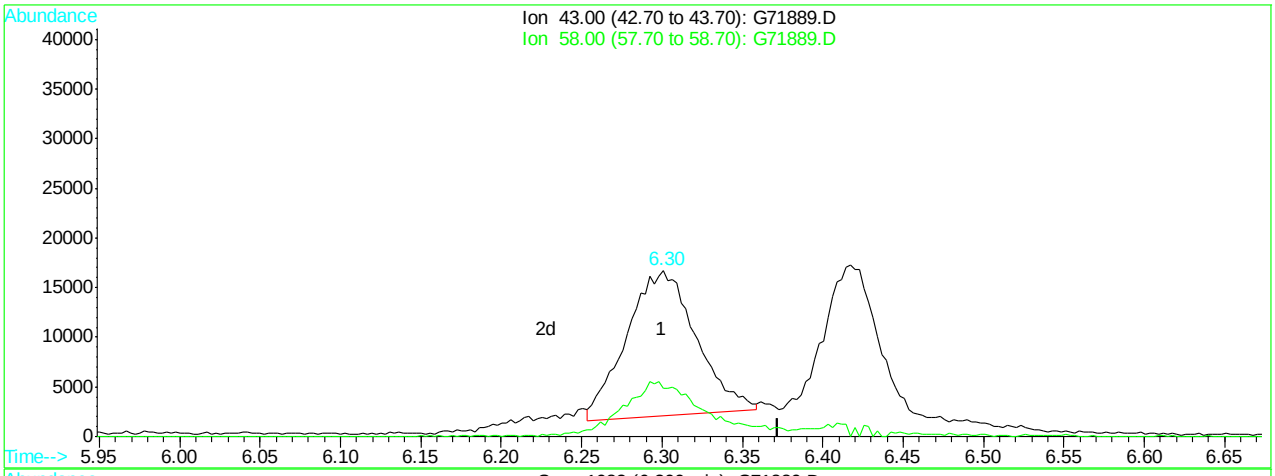
Ion	Exp%	Act%
41.00	100	100
40.00	29.50	27.54
39.00	60.60	68.71
0.00	0.00	0.00

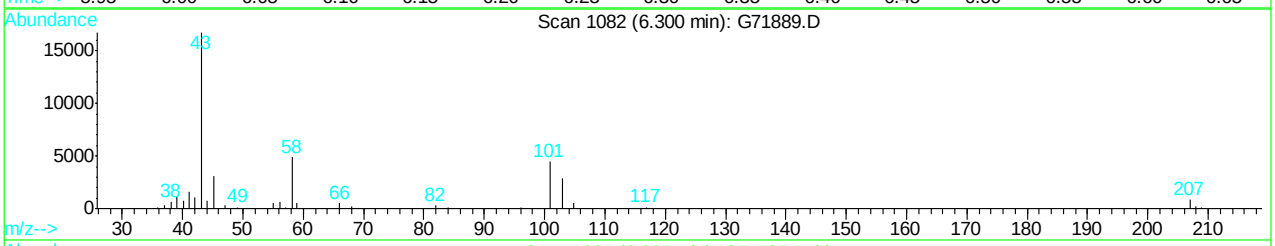
G71889.D G071007W.M Tue Jul 24 09:13:44 2007 RP1

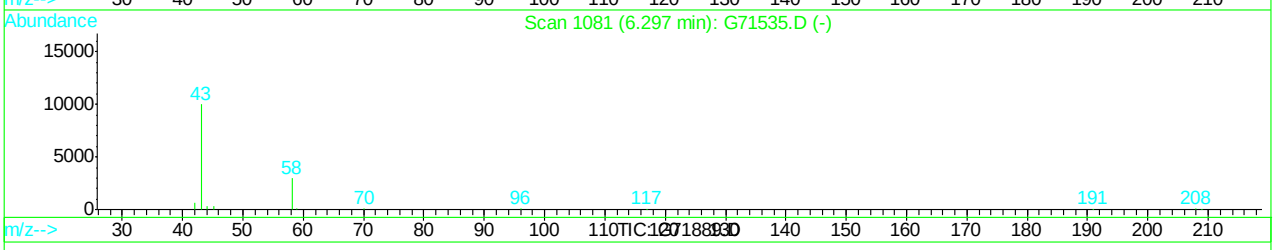
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71889.D Vial: 1
Acq On : 24 Jul 2007 8:42 am Operator: kimt
Sample : cc2872-100 Inst : 5973 G
Misc : ms13993,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:13 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration







(16) acetone (M)

6.30min 50.61ppb

response 44064

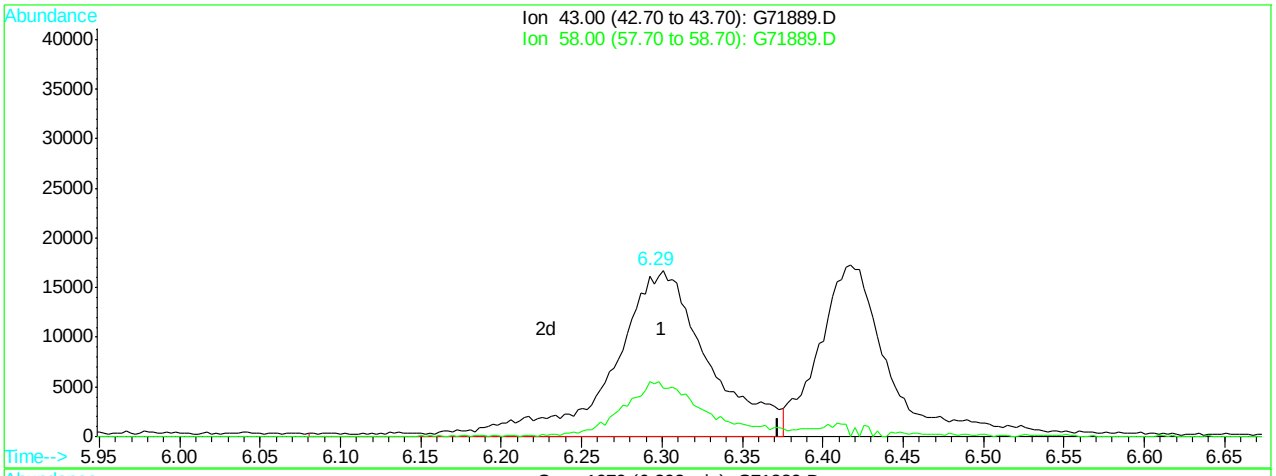
Ion	Exp%	Act%
43.00	100	100
58.00	28.80	29.82
0.00	0.00	0.00
0.00	0.00	0.00

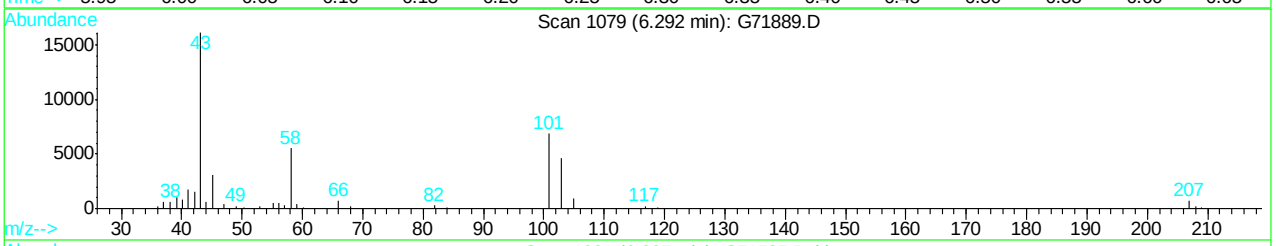
G71889.D G071007W.M Tue Jul 24 09:13:51 2007 RP1

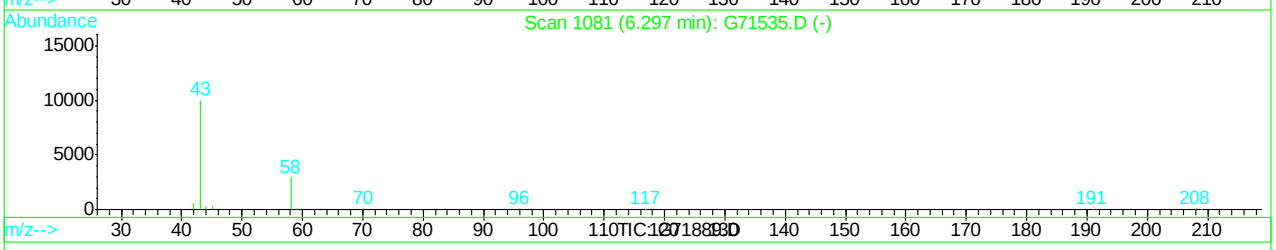
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\G71889.D Vial: 1
Acq On : 24 Jul 2007 8:42 am Operator: kimt
Sample : cc2872-100 Inst : 5973 G
Misc : ms13993,msg2886,,,,5,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:14 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\G071007W.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Thu Jul 19 15:48:38 2007
Response via : Multiple Level Calibration







(16) acetone (M)

6.29min 81.16ppb m

response 70669

Ion	Exp%	Act%
43.00	100	100
58.00	28.80	34.16
0.00	0.00	0.00
0.00	0.00	0.00

G71889.D G071007W.M Tue Jul 24 09:14:14 2007 RP1

Standard Lot #	
Calib STD	MS6177
ICV	MS6135
Inter/Surr STD	MS6169
BS/BSD	NA
MeOH	NA
Soil Surrogate	NA
Na2S2O3	NA

File ID	
Tune File 1	G71527
Tune File 2	NA
Initial Cal.	07/10/07
ID FILE	G071007W.M
Instrument ID	G
ICAL:	G71537
Column Type:	DBRVX
Sequence Verified By:	KT

Date:	7/10/2007
Analyst:	KIMT
Batch ID:	msg2872
Matrix:	AQ
Approved By:	DOUGY
Date Approved:	7/12/2007 2:19:12 PM

Data File	Sample ID	Bot #	Work Group #	Test	ALS #	Purge Vol (ml)	Vol	CI	Diln Factor		Comment
G71524	BLK				12	5	NA	NA	1	<2	
G71525	BLK				13	5	NA	NA	1	<2	
G71526	BLK				14	5	NA	NA	1	<2	
G71527	BFB				15	5	NA	NA	1	<2	
G71528	IC2872-0.5	1	MS6177	V8260STD	16	5	NA	NA	1	<2	
G71529	IC2872-1.0	1	MS6177	V8260STD	17	5	NA	NA	1	<2	
G71530	IC2872-2.0	1	MS6177	V8260STD	18	5	NA	NA	1	<2	
G71531	IC2872-5.0	1	MS6177	V8260STD	19	5	NA	NA	1	<2	
G71532	IC2872-25.0	1	MS6177	V8260STD	20	5	NA	NA	1	<2	
G71533	IC2872-400.0	1	MS6177	V8260STD	21	5	NA	NA	1	<2	
G71534	IC2872-200.0	1	MS6177	V8260STD	22	5	NA	NA	1	<2	
G71535	ICC2872-100.0	1	MS6177	V8260STD	23	5	NA	NA	1	<2	
G71536	IC2872-50.0	1	MS6177	V8260STD	24	5	NA	NA	1	<2	
G71537	ICV2872-50.0	3	MS6135	V8260STD	25	5	NA	NA	1	<2	
G71538	BLK			V8260STD	26	5	NA	NA	1	<2	
G71539	BLK			V8260STD	27	5	NA	NA	1	<2	
G71540	CC2872-100	1	MS6177	V8260STD	28	5	NA	NA	1	<2	
G71541	BS	3	MS6135	V8260STD	29	5	NA	NA	1	<2	
G71542	BSD	3	MS6135	V8260STD	30	5	NA	NA	1	<2	
G71543	BLK			V8260STD	1	5	NA	NA	1	<2	
G71544	MB			V8260STD	2	5	NA	NA	1	<2	
G71545	M66132-1	3	MS13921	V8260STD	3	5	NA	NA	200	<2	
G71546	M66132-2	3	MS13921	V8260STD	4	5	NA	NA	10	<2	
G71547	M66094-13	1	MS13921	V8260STD	5	5	NA	NA	400	<2	Over diluted, Rerun 1:200
G71548	M66094-9	1	MS13921	V8260STD	6	5	NA	NA	100	<2	Over diluted, Rerun 1:20
G71549	M66124-1	1	MS13921	V8260STD	7	5	NA	NA	10	<2	Vial contained lots of soil
G71550	M66094-1	1	MS13921	V8260STD	8	5	NA	NA	1	<2	
G71551	M66094-1MS	2	MS13921	V8260STD	9	5	NA	NA	5	<2	
G71552	M66094-1MSD	2	MS13921	V8260STD	10	5	NA	NA	5	<2	
G71553	M66094-2	1	MS13921	V8260STD	11	5	NA	NA	1	<2	
G71554	M66094-3	1	MS13921	V8260STD	12	5	NA	NA	1	<2	
G71555	M66094-4	1	MS13921	V8260STD	13	5	NA	NA	1	<2	
G71556	M66094-5	1	MS13921	V8260STD	14	5	NA	NA	1	<2	

G71557	M66094-6	1	MS13921	V8260STD	15	5	NA	NA	1	<2	
G71558	M66094-7	1	MS13921	V8260STD	16	5	NA	NA	1	<2	Overcal, Rerun 1:10
G71559	M66094-8	1	MS13921	V8260STD	17	5	NA	NA	1	<2	
G71560	M66094-10	1	MS13921	V8260STD	18	5	NA	NA	1	<2	
G71561	M66094-11	1	MS13921	V8260STD	19	5	NA	NA	1	<2	Overcal, Rerun 1:5
G71562	M66094-12	1	MS13921	V8260STD	20	5	NA	NA	1	<2	Overcal, Rerun 1:100
G71563	M66094-14	1	MS13921	V8260STD	21	5	NA	NA	1	<2	Overcal, Rerun 1:100
G71564	M66094-15	1	MS13921	V8260STD	22	5	NA	NA	1	<2	Do not report, possible carry over
G71565	M66124-2	4	MS13921	V8260STD	23	5	NA	NA	1	<2	Do not report, possible carry over
G71566	BLK	na		NA	24	5	NA	NA	1	<2	

Standard Lot #	
Calib STD	MS6177
ICV	NA
Inter/Surr STD	MS6169
BS/BSD	MS6135
MeOH	NA
Soil Surrogate	NA
Na2S2O3	NA

File ID	
Tune File 1	G71836
Tune File 2	NA
Initial Cal.	07/10/07
ID FILE	G071007W.M
Instrument ID	G
ICAL:	KIMT
Column Type:	DBVRX
Sequence Verified By:	KIMT

Date:	7/23/2007
Analyst:	KIMT
Batch ID:	msg2884
Matrix:	AQ
Approved By:	DOUGY
Date Approved:	7/24/2007 2:02:43 PM

Data File	Sample ID	Bot #	Work Group #	Test	ALS #	Purge Vol (ml)	Vol	Cl	Diln Factor	PH	Comment
G71835	BLK				1	5	NA	NA	1	<2	
G71836	CC2872-100	1	MS6177		1	5	NA	NA	1	<2	
G71837	BS	3	MS6135		2	5	NA	NA	1	<2	
G71838	BSD	3	MS6135		3	5	NA	NA	1	<2	
G71839	BLK				4	5	NA	NA	1	<2	
G71840	MB				5	5	NA	NA	1	<2	
G71841	M66418-1	1	MS13993	V8260MCP	6	5	NA	NA	1	<2	
G71842	M66418-2	1	MS13993	V8260MCP	7	5	NA	NA	1	<2	
G71843	M66418-3	1	MS13993	V8260MCP	8	5	NA	NA	1	<2	
G71844	M66439-1	1	MS13993	V8260MCP	9	5	NA	NA	1	<2	
G71845	M66418-3MS	1	MS13993	V8260MCP	10	5	NA	NA	5	<2	
G71846	M66418-3MSD	1	MS13993	V8260MCP	11	5	NA	NA	5	<2	
G71847	M66439-2	1	MS13993	V8260MCP	12	5	NA	NA	1	<2	
G71848	M66439-3	1	MS13993	V8260MCP	13	5	NA	NA	1	<2	
G71849	M66439-4	1	MS13993	V8260MCP	14	5	NA	NA	1	<2	Overcal, Rerun 1:200
G71850	M66439-5	1	MS13993	V8260MCP	15	5	NA	NA	1	<2	
G71851	M66439-6	1	MS13993	V8260MCP	1	5	NA	NA	1	<2	
G71852	M66439-7	1	MS13993	V8260MCP	2	5	NA	NA	1	<2	Overcal, Rerun 1:100
G71853	M66439-8	1	MS13993	V8260MCP	3	5	NA	NA	1	<2	Do not report, possible carry over
G71854	M66439-9	1	MS13993	V8260MCP	4	5	NA	NA	1	<2	
G71855	M66438-1	1	MS13993	V8260MCP	5	5	NA	NA	1	<2	Overcal, Rerun 1:10
G71856	M66438-2	1	MS13993	V8260MCP	6	5	NA	NA	1	<2	
G71857	M66438-3	1	MS13993	V8260MCP	7	5	NA	NA	1	<2	Overcal, Rerun 1:10
G71858	M66438-4	1	MS13993	V8260MCP	8	5	NA	NA	1	<2	
G71859	M66438-5	1	MS13993	V8260MCP	9	5	NA	NA	1	<2	Overcal, Rerun 1:10
G71860	M66438-7	1	MS13993	V8260MCP	10	5	NA	NA	1	<2	
G71861	M66438-8	1	MS13993	V8260MCP	11	5	NA	NA	1	<2	Overcal, Rerun 1:100
G71862	M66438-6	1	MS13993	V8260MCP	12	5	NA	NA	1	<2	Do not report, possible carry over
G71863	BLK			V8260MCP	13	5	NA	NA	1	<2	

Standard Lot #	
Calib STD	MS6177
ICV	NA
Inter/Surr STD	MS6192
BS/BSD	MS6193
MeOH	NA
Soil Surrogate	NA
Na2S2O3	NA

File ID	
Tune File 1	G71889
Tune File 2	NA
Initial Cal.	07/10/07
ID FILE	G071007W.M
Instrument ID	G
ICAL:	KIMT
Column Type:	DBVRX
Sequence Verified By:	KIMT

Date:	7/24/2007
Analyst:	KIMT
Batch ID:	msg2886
Matrix:	AQ
Approved By:	PHILIPB
Date Approved:	7/25/2007 4:27:33 PM

Data File	Sample ID	Bot #	Work Group #	Test	ALS #	Purge Vol (ml)	Vol	Cl	Diln Factor		Comment
G71889	CC2872-100	1	MS6177	NA	1	5	NA	NA	1	<2	
G71890	BS	1	MS6193	NA	2	5	NA	NA	1	<2	
G71891	BSD	1	MS6193	NA	3	5	NA	NA	1	<2	
G71892	BLK	na	NA	NA	4	5	NA	NA	1	<2	
G71893	MB	na	NA	NA	5	5	NA	NA	1	<2	
G71894	M66439-8	2	MS13993	V8260MCP	6	5	NA	NA	1	<2	
G71895	M66438-6	2	MS13993	V8260MCP	7	5	NA	NA	1	<2	
G71896	M66439-4	2	MS13993	V8260MCP	8	5	NA	NA	200	<2	
G71897	M66439-7	2	MS13993	V8260MCP	9	5	NA	NA	100	<2	
G71898	M66438-8	2	MS13993	V8260MCP	10	5	NA	NA	100	<2	
G71899	M66438-1	2	MS13993	V8260MCP	11	5	NA	NA	10	<2	
G71900	M66438-1MS	2	MS13993	V8260MCP	12	5	NA	NA	10	<2	
G71901	M66438-1MSD	2	MS13993	V8260MCP	13	5	NA	NA	10	<2	
G71902	M66438-3	2	MS13993	V8260MCP	14	5	NA	NA	10	<2	
G71903	M66438-5	2	MS13993	V8260MCP	15	5	NA	NA	10	<2	
G71904	M66438-9	1	MS13997	V8260MCP	16	5	NA	NA	25	<2	Over diluted, Rerun 1X
G71905	M66438-10	1	MS13997	V8260MCP	17	5	NA	NA	1	<2	
G71906	M66438-11	1	MS13997	V8260MCP	18	5	NA	NA	1	<2	
G71907	M66438-12	1	MS13997	V8260MCP	1	5	NA	NA	1	<2	
G71908	M66438-9	2	MS13997	V8260MCP	2	5	NA	NA	1	<2	
G71909	M66343-1	5	MS13981	V8260MCP	3	5	NA	NA	200	<2	
G71910	M66343-2	5	MS13981	V8260MCP	4	5	NA	NA	50	<2	
G71911	M66343-3	5	MS13981	V8260MCP	5	5	NA	NA	10	<2	
G71912	M66343-4	4	MS13981	V8260MCP	6	5	NA	NA	10	<2	
G71913	M66401-1	1	MS13997	V8260STD	7	5	NA	NA	1	<2	
G71914	M66401-2	1	MS13997	V8260STD	8	5	NA	NA	1	<2	
G71915	M66401-3	1	MS13997	V8260STD	9	5	NA	NA	1	<2	
G71916	BLK	1	NA	V8260STD	10	5	NA	NA	1	<2	