



03/20/15

Technical Report for

Sunoco

MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo
10-046

Accutest Job Number: MC36792

Sampling Date: 02/05/15

Report to:

Matrix Environmental
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ATTN: Rob Gill

Total number of pages in report: **696**



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

Reza Pand
Lab Director

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Certifications: MA (M-MA136,SW846 NELAC) CT (PH-0109) NH (250210) RI (00071) ME (MA00136) FL (E87579)
NY (11791) NJ (MA926) PA (6801121) ND (R-188) CO MN (11546AA) NC (653) IL (002337) WI (399080220)
DoD ELAP (L-A-B L2235)

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Test results relate only to samples analyzed.

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Sample Summary

Sunoco

Job No: MC36792

MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY
Project No: 10-046

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
MC36792-1	02/05/15	09:40	CDZM	02/07/15	SO Soil	SB110(5'-6')
MC36792-2	02/05/15	09:55	CDZM	02/07/15	SO Soil	SB110(10'-11.5')
MC36792-3	02/05/15	10:20	CDZM	02/07/15	SO Soil	SB108(5'-6')
MC36792-4	02/05/15	10:45	CDZM	02/07/15	SO Soil	SB108(11'-11.5')
MC36792-5	02/05/15	10:55	CDZM	02/07/15	SO Soil	SB111(6.5'-8.5')
MC36792-6	02/05/15	11:30	CDZM	02/07/15	AQ Field Blank Soil	FIELD BLANK
MC36792-7	02/05/15	13:08	CDZM	02/07/15	SO Soil	SB109(6.5'-8.5')
MC36792-8	02/05/15	13:35	CDZM	02/07/15	SO Soil	SBXT
MC36792-9	02/05/15	00:00	CDZM	02/07/15	AQ Trip Blank Water	TRIP BLANK

Soil samples reported on a dry weight basis unless otherwise indicated on result page.



SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: Sunoco

Job No MC36792

Site: MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwoo

Report Date 3/20/2015 2:38:00 PM

7 Sample(s), 1 Trip Blank(s) and 1 Field Blank(s) were collected on 02/05/2015 and were received at Accutest on 02/07/2015 properly preserved, at 1.4 Deg. C and intact. These Samples received an Accutest job number of MC36792. 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 8260C

Matrix AQ

Batch ID: MSU1100

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC36775-4MS, MC36775-4MSD were used as the QC samples indicated.
- Matrix Spike Duplicate Recovery(s) for Methyl Tert Butyl Ether are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.

Matrix SO

Batch ID: MSK2670

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC36792-8MS, MC36792-8MSD were used as the QC samples indicated.

Wet Chemistry By Method SM 2540G-97 MOD

Matrix SO

Batch ID: GN49861

- Sample(s) MC36777-15ADUP were used as the QC samples for Solids, Percent.

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 (MC36792).

Summary of Hits

Job Number: MC36792

Account: Sunoco

Project: MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY

Collected: 02/05/15



Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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MC36792-1 SB110(5'-6')

No hits reported in this sample.

MC36792-2 SB110(10'-11.5')

Ethylbenzene	299	120	ug/kg	SW846 8260C
Naphthalene	637	290	ug/kg	SW846 8260C
n-Propylbenzene	363	290	ug/kg	SW846 8260C
1,2,4-Trimethylbenzene	2290	290	ug/kg	SW846 8260C
1,3,5-Trimethylbenzene	662	290	ug/kg	SW846 8260C
m,p-Xylene	1100	120	ug/kg	SW846 8260C
o-Xylene	169	120	ug/kg	SW846 8260C
Xylene (total)	1270	120	ug/kg	SW846 8260C

MC36792-3 SB108(5'-6')

n-Butylbenzene	917	320	ug/kg	SW846 8260C
Ethylbenzene	1110	130	ug/kg	SW846 8260C
Isopropylbenzene	388	320	ug/kg	SW846 8260C
Naphthalene	950	320	ug/kg	SW846 8260C
n-Propylbenzene	1100	320	ug/kg	SW846 8260C
1,2,4-Trimethylbenzene	8400	320	ug/kg	SW846 8260C
1,3,5-Trimethylbenzene	2680	320	ug/kg	SW846 8260C
m,p-Xylene	5530	130	ug/kg	SW846 8260C
o-Xylene	1820	130	ug/kg	SW846 8260C
Xylene (total)	7350	130	ug/kg	SW846 8260C

MC36792-4 SB108(11'-11.5')

No hits reported in this sample.

MC36792-5 SB111(6.5'-8.5')

No hits reported in this sample.

MC36792-6 FIELD BLANK

No hits reported in this sample.

MC36792-7 SB109(6.5'-8.5')

No hits reported in this sample.

Summary of Hits

Job Number: MC36792
Account: Sunoco
Project: MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY
Collected: 02/05/15



Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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MC36792-8 SBXT

No hits reported in this sample.

MC36792-9 TRIP BLANK

No hits reported in this sample.

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

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Client Sample ID:	SB110(5'-6')	Date Sampled:	02/05/15
Lab Sample ID:	MC36792-1	Date Received:	02/07/15
Matrix:	SO - Soil	Percent Solids:	89.1
Method:	SW846 8260C		
Project:	MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	K85345.D	1	02/10/15	JM	n/a	n/a	MSK2670
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	11.1 g	10.0 ml	100 ul
Run #2			

VOA STARS List

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	28	ug/kg	
104-51-8	n-Butylbenzene	ND	280	ug/kg	
135-98-8	sec-Butylbenzene	ND	280	ug/kg	
98-06-6	tert-Butylbenzene	ND	280	ug/kg	
100-41-4	Ethylbenzene	ND	110	ug/kg	
98-82-8	Isopropylbenzene	ND	280	ug/kg	
99-87-6	p-Isopropyltoluene	ND	280	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	110	ug/kg	
91-20-3	Naphthalene	ND	280	ug/kg	
103-65-1	n-Propylbenzene	ND	280	ug/kg	
108-88-3	Toluene	ND	280	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	280	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	280	ug/kg	
	m,p-Xylene	ND	110	ug/kg	
95-47-6	o-Xylene	ND	110	ug/kg	
1330-20-7	Xylene (total)	ND	110	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		65-141%
2037-26-5	Toluene-D8	103%		65-129%
460-00-4	4-Bromofluorobenzene	97%		63-137%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

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Report of Analysis

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Client Sample ID:	SB110(10'-11.5')	Date Sampled:	02/05/15
Lab Sample ID:	MC36792-2	Date Received:	02/07/15
Matrix:	SO - Soil	Percent Solids:	91.5
Method:	SW846 8260C		
Project:	MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	K85346.D	1	02/10/15	JM	n/a	n/a	MSK2670
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	10.3 g	10.0 ml	100 ul
Run #2			

VOA STARS List

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	29	ug/kg	
104-51-8	n-Butylbenzene	ND	290	ug/kg	
135-98-8	sec-Butylbenzene	ND	290	ug/kg	
98-06-6	tert-Butylbenzene	ND	290	ug/kg	
100-41-4	Ethylbenzene	299	120	ug/kg	
98-82-8	Isopropylbenzene	ND	290	ug/kg	
99-87-6	p-Isopropyltoluene	ND	290	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	120	ug/kg	
91-20-3	Naphthalene	637	290	ug/kg	
103-65-1	n-Propylbenzene	363	290	ug/kg	
108-88-3	Toluene	ND	290	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	2290	290	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	662	290	ug/kg	
	m,p-Xylene	1100	120	ug/kg	
95-47-6	o-Xylene	169	120	ug/kg	
1330-20-7	Xylene (total)	1270	120	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		65-141%
2037-26-5	Toluene-D8	96%		65-129%
460-00-4	4-Bromofluorobenzene	99%		63-137%

ND = Not detected
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J = Indicates an estimated value
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 N = Indicates presumptive evidence of a compound

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Report of Analysis

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Client Sample ID:	SB108(5'-6')	Date Sampled:	02/05/15
Lab Sample ID:	MC36792-3	Date Received:	02/07/15
Matrix:	SO - Soil	Percent Solids:	85.8
Method:	SW846 8260C		
Project:	MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	K85347.D	1	02/10/15	JM	n/a	n/a	MSK2670
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	10.5 g	10.0 ml	100 ul
Run #2			

VOA STARS List

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	32	ug/kg	
104-51-8	n-Butylbenzene	917	320	ug/kg	
135-98-8	sec-Butylbenzene	ND	320	ug/kg	
98-06-6	tert-Butylbenzene	ND	320	ug/kg	
100-41-4	Ethylbenzene	1110	130	ug/kg	
98-82-8	Isopropylbenzene	388	320	ug/kg	
99-87-6	p-Isopropyltoluene	ND	320	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	130	ug/kg	
91-20-3	Naphthalene	950	320	ug/kg	
103-65-1	n-Propylbenzene	1100	320	ug/kg	
108-88-3	Toluene	ND	320	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	8400	320	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	2680	320	ug/kg	
	m,p-Xylene	5530	130	ug/kg	
95-47-6	o-Xylene	1820	130	ug/kg	
1330-20-7	Xylene (total)	7350	130	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		65-141%
2037-26-5	Toluene-D8	102%		65-129%
460-00-4	4-Bromofluorobenzene	100%		63-137%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

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Report of Analysis

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Client Sample ID:	SB108(11'-11.5')	Date Sampled:	02/05/15
Lab Sample ID:	MC36792-4	Date Received:	02/07/15
Matrix:	SO - Soil	Percent Solids:	88.1
Method:	SW846 8260C		
Project:	MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	K85348.D	1	02/10/15	JM	n/a	n/a	MSK2670
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	9.22 g	10.0 ml	100 ul
Run #2			

VOA STARS List

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	34	ug/kg	
104-51-8	n-Butylbenzene	ND	340	ug/kg	
135-98-8	sec-Butylbenzene	ND	340	ug/kg	
98-06-6	tert-Butylbenzene	ND	340	ug/kg	
100-41-4	Ethylbenzene	ND	140	ug/kg	
98-82-8	Isopropylbenzene	ND	340	ug/kg	
99-87-6	p-Isopropyltoluene	ND	340	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	140	ug/kg	
91-20-3	Naphthalene	ND	340	ug/kg	
103-65-1	n-Propylbenzene	ND	340	ug/kg	
108-88-3	Toluene	ND	340	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	340	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	340	ug/kg	
	m,p-Xylene	ND	140	ug/kg	
95-47-6	o-Xylene	ND	140	ug/kg	
1330-20-7	Xylene (total)	ND	140	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		65-141%
2037-26-5	Toluene-D8	97%		65-129%
460-00-4	4-Bromofluorobenzene	100%		63-137%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

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Report of Analysis

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Client Sample ID:	SB111(6.5'-8.5')	Date Sampled:	02/05/15
Lab Sample ID:	MC36792-5	Date Received:	02/07/15
Matrix:	SO - Soil	Percent Solids:	88.2
Method:	SW846 8260C		
Project:	MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	K85349.D	1	02/10/15	JM	n/a	n/a	MSK2670
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	10.1 g	10.0 ml	100 ul
Run #2			

VOA STARS List

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	31	ug/kg	
104-51-8	n-Butylbenzene	ND	310	ug/kg	
135-98-8	sec-Butylbenzene	ND	310	ug/kg	
98-06-6	tert-Butylbenzene	ND	310	ug/kg	
100-41-4	Ethylbenzene	ND	130	ug/kg	
98-82-8	Isopropylbenzene	ND	310	ug/kg	
99-87-6	p-Isopropyltoluene	ND	310	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	130	ug/kg	
91-20-3	Naphthalene	ND	310	ug/kg	
103-65-1	n-Propylbenzene	ND	310	ug/kg	
108-88-3	Toluene	ND	310	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	310	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	310	ug/kg	
	m,p-Xylene	ND	130	ug/kg	
95-47-6	o-Xylene	ND	130	ug/kg	
1330-20-7	Xylene (total)	ND	130	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		65-141%
2037-26-5	Toluene-D8	103%		65-129%
460-00-4	4-Bromofluorobenzene	97%		63-137%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

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Report of Analysis

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Client Sample ID:	FIELD BLANK	Date Sampled:	02/05/15
Lab Sample ID:	MC36792-6	Date Received:	02/07/15
Matrix:	AQ - Field Blank Soil	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U26147.D	1	02/10/15	GK	n/a	n/a	MSU1100
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA STARS List

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	0.50	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	
95-47-6	o-Xylene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		67-134%
2037-26-5	Toluene-D8	100%		79-121%
460-00-4	4-Bromofluorobenzene	99%		71-133%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

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Client Sample ID:	SB109(6.5'-8.5')	Date Sampled:	02/05/15
Lab Sample ID:	MC36792-7	Date Received:	02/07/15
Matrix:	SO - Soil	Percent Solids:	87.1
Method:	SW846 8260C		
Project:	MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	K85350.D	1	02/10/15	JM	n/a	n/a	MSK2670
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	9.83 g	10.0 ml	100 ul
Run #2			

VOA STARS List

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	33	ug/kg	
104-51-8	n-Butylbenzene	ND	330	ug/kg	
135-98-8	sec-Butylbenzene	ND	330	ug/kg	
98-06-6	tert-Butylbenzene	ND	330	ug/kg	
100-41-4	Ethylbenzene	ND	130	ug/kg	
98-82-8	Isopropylbenzene	ND	330	ug/kg	
99-87-6	p-Isopropyltoluene	ND	330	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	130	ug/kg	
91-20-3	Naphthalene	ND	330	ug/kg	
103-65-1	n-Propylbenzene	ND	330	ug/kg	
108-88-3	Toluene	ND	330	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	330	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	330	ug/kg	
	m,p-Xylene	ND	130	ug/kg	
95-47-6	o-Xylene	ND	130	ug/kg	
1330-20-7	Xylene (total)	ND	130	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		65-141%
2037-26-5	Toluene-D8	97%		65-129%
460-00-4	4-Bromofluorobenzene	97%		63-137%

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

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

Accutest Laboratories

Report of Analysis

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Client Sample ID:	SBXT	Date Sampled:	02/05/15
Lab Sample ID:	MC36792-8	Date Received:	02/07/15
Matrix:	SO - Soil	Percent Solids:	87.5
Method:	SW846 8260C		
Project:	MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	K85351.D	1	02/10/15	JM	n/a	n/a	MSK2670
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	9.95 g	10.0 ml	100 ul
Run #2			

VOA STARS List

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	32	ug/kg	
104-51-8	n-Butylbenzene	ND	320	ug/kg	
135-98-8	sec-Butylbenzene	ND	320	ug/kg	
98-06-6	tert-Butylbenzene	ND	320	ug/kg	
100-41-4	Ethylbenzene	ND	130	ug/kg	
98-82-8	Isopropylbenzene	ND	320	ug/kg	
99-87-6	p-Isopropyltoluene	ND	320	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	130	ug/kg	
91-20-3	Naphthalene	ND	320	ug/kg	
103-65-1	n-Propylbenzene	ND	320	ug/kg	
108-88-3	Toluene	ND	320	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	320	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	320	ug/kg	
	m,p-Xylene	ND	130	ug/kg	
95-47-6	o-Xylene	ND	130	ug/kg	
1330-20-7	Xylene (total)	ND	130	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		65-141%
2037-26-5	Toluene-D8	103%		65-129%
460-00-4	4-Bromofluorobenzene	97%		63-137%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Page 1 of 1

Client Sample ID:	TRIP BLANK	Date Sampled:	02/05/15
Lab Sample ID:	MC36792-9	Date Received:	02/07/15
Matrix:	AQ - Trip Blank Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U26145.D	1	02/10/15	GK	n/a	n/a	MSU1100
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA STARS List

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	0.50	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	
95-47-6	o-Xylene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		67-134%
2037-26-5	Toluene-D8	99%		79-121%
460-00-4	4-Bromofluorobenzene	100%		71-133%

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

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

Misc. Forms

5

Custody Documents and Other Forms

Includes the following where applicable:

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

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: MC36792 **Client:** MATRIX **Project:** 10-46
Date / Time Received: 2/7/2015 10:00:00 AM **Delivery Method:** _____ **Airbill #'s:** _____
Cooler Temps (Initial/Adjusted): #1: (1.4/1.4); _____

Cooler Security

	<u>Y</u>	<u>or</u>	<u>N</u>		<u>Y</u>	<u>or</u>	<u>N</u>
1. Custody Seals Present:	☒		☐	3. COC Present:	☒		☐
2. Custody Seals Intact:	☒		☐	4. Smpl Dates/Time OK	☒		☐

Cooler Temperature

	<u>Y</u>	<u>or</u>	<u>N</u>
1. Temp criteria achieved:	☒		☐
2. Thermometer ID:	G1;		
3. Cooler media:	Ice (Bag)		
4. No. Coolers:	1		

Quality Control Preservation

	<u>Y</u>	<u>or</u>	<u>N</u>	<u>N/A</u>
1. Trip Blank present / cooler:	☒		☐	☐
2. Trip Blank listed on COC:	☒		☐	☐
3. Samples preserved properly:	☒		☐	
4. VOCs headspace free:	☒		☐	☐

Sample Integrity - Documentation

	<u>Y</u>	<u>or</u>	<u>N</u>
1. Sample labels present on bottles:	☒		☐
2. Container labeling complete:	☒		☐
3. Sample container label / COC agree:	☒		☐

Sample Integrity - Condition

	<u>Y</u>	<u>or</u>	<u>N</u>
1. Sample recvd within HT:	☒		☐
2. All containers accounted for:	☒		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions

	<u>Y</u>	<u>or</u>	<u>N</u>	<u>N/A</u>
1. Analysis requested is clear:	☒		☐	
2. Bottles received for unspecified tests	☐		☒	
3. Sufficient volume recvd for analysis:	☒		☐	
4. Compositing instructions clear:	☐		☐	☒
5. Filtering instructions clear:	☐		☐	☒

Comments

Internal Sample Tracking Chronicle

Sunoco

Job No: MC36792

MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY
 Project No: 10-046

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
MC36792-1 Collected: 05-FEB-15 09:40 By: CDZMJ Received: 07-FEB-15 By: BA SB110(5'-6')						
MC36792-1	SW846 8260C	10-FEB-15 11:59	JM			V8260STAR
MC36792-1	SM 2540G-97 MOD	11-FEB-15	HS			%SOL
MC36792-2 Collected: 05-FEB-15 09:55 By: CDZMJ Received: 07-FEB-15 By: BA SB110(10'-11.5')						
MC36792-2	SW846 8260C	10-FEB-15 12:28	JM			V8260STAR
MC36792-2	SM 2540G-97 MOD	11-FEB-15	HS			%SOL
MC36792-3 Collected: 05-FEB-15 10:20 By: CDZMJ Received: 07-FEB-15 By: BA SB108(5'-6')						
MC36792-3	SW846 8260C	10-FEB-15 12:55	JM			V8260STAR
MC36792-3	SM 2540G-97 MOD	11-FEB-15	HS			%SOL
MC36792-4 Collected: 05-FEB-15 10:45 By: CDZMJ Received: 07-FEB-15 By: BA SB108(11'-11.5')						
MC36792-4	SW846 8260C	10-FEB-15 13:25	JM			V8260STAR
MC36792-4	SM 2540G-97 MOD	11-FEB-15	HS			%SOL
MC36792-5 Collected: 05-FEB-15 10:55 By: CDZMJ Received: 07-FEB-15 By: BA SB111(6.5'-8.5')						
MC36792-5	SW846 8260C	10-FEB-15 13:52	JM			V8260STAR
MC36792-5	SM 2540G-97 MOD	11-FEB-15	HS			%SOL
MC36792-6 Collected: 05-FEB-15 11:30 By: CDZMJ Received: 07-FEB-15 By: BA FIELD BLANK						
MC36792-6	SW846 8260C	10-FEB-15 13:28	GK			V8260STAR
MC36792-7 Collected: 05-FEB-15 13:08 By: CDZMJ Received: 07-FEB-15 By: BA SB109(6.5'-8.5')						
MC36792-7	SW846 8260C	10-FEB-15 14:21	JM			V8260STAR
MC36792-7	SM 2540G-97 MOD	11-FEB-15	HS			%SOL

Internal Sample Tracking Chronicle

Sunoco

Job No: MC36792

MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY
Project No: 10-046

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
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MC36792-8 Collected: 05-FEB-15 13:35 By: CDZMJ Received: 07-FEB-15 By: BA
SBXT

MC36792-8 SW846 8260C	10-FEB-15 14:48	JM		V8260STAR
MC36792-8 SM 2540G-97 MOD	11-FEB-15	HS		%SOL

MC36792-9 Collected: 05-FEB-15 00:00 By: CDZMJ Received: 07-FEB-15 By: BA
TRIP BLANK

MC36792-9 SW846 8260C	10-FEB-15 12:32	GK		V8260STAR
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Accutest Internal Chain of Custody

Page 1 of 1

Job Number: MC36792
Account: SUNOCOSS Sunoco
Project: MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY
Received: 02/07/15

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
MC36792-1.1	Walk In Ref #5	Jaime Maslowski	02/10/15 08:52	Retrieve from Storage
MC36792-1.1	Jaime Maslowski	Walk In Ref #5	02/10/15 09:06	Return to Storage
MC36792-1.1	Walk In Ref #5	Hamid Siamak	02/11/15 08:21	Retrieve from Storage
MC36792-1.1	Hamid Siamak	Walk In Ref #5	02/11/15 15:26	Return to Storage
MC36792-2.1	Walk In Ref #5	Jaime Maslowski	02/10/15 08:52	Retrieve from Storage
MC36792-2.1	Jaime Maslowski	Walk In Ref #5	02/10/15 09:06	Return to Storage
MC36792-2.1	Walk In Ref #5	Hamid Siamak	02/11/15 08:21	Retrieve from Storage
MC36792-2.1	Hamid Siamak	Walk In Ref #5	02/11/15 15:26	Return to Storage
MC36792-3.1	Walk In Ref #5	Jaime Maslowski	02/10/15 08:52	Retrieve from Storage
MC36792-3.1	Jaime Maslowski	Walk In Ref #5	02/10/15 09:06	Return to Storage
MC36792-3.1	Walk In Ref #5	Hamid Siamak	02/11/15 08:21	Retrieve from Storage
MC36792-3.1	Hamid Siamak	Walk In Ref #5	02/11/15 15:26	Return to Storage
MC36792-4.1	Walk In Ref #5	Jaime Maslowski	02/10/15 08:52	Retrieve from Storage
MC36792-4.1	Jaime Maslowski	Walk In Ref #5	02/10/15 09:06	Return to Storage
MC36792-4.1	Walk In Ref #5	Hamid Siamak	02/11/15 08:21	Retrieve from Storage
MC36792-4.1	Hamid Siamak	Walk In Ref #5	02/11/15 15:26	Return to Storage
MC36792-5.1	Walk In Ref #5	Jaime Maslowski	02/10/15 08:52	Retrieve from Storage
MC36792-5.1	Jaime Maslowski	Walk In Ref #5	02/10/15 09:06	Return to Storage
MC36792-5.1	Walk In Ref #5	Hamid Siamak	02/11/15 08:21	Retrieve from Storage
MC36792-5.1	Hamid Siamak	Walk In Ref #5	02/11/15 15:26	Return to Storage
MC36792-6.2	VOC Ref #3	Gary Krasinski	02/10/15 11:07	Retrieve from Storage
MC36792-6.2	Gary Krasinski	GCMSU	02/10/15 11:07	Load on Instrument
MC36792-6.2	GCMSU	Gary Krasinski	02/11/15 09:05	Unload from Instrument
MC36792-6.2	Gary Krasinski	VOC Ref #3	02/11/15 09:05	Return to Storage
MC36792-7.1	Walk In Ref #5	Jaime Maslowski	02/10/15 08:52	Retrieve from Storage
MC36792-7.1	Jaime Maslowski	Walk In Ref #5	02/10/15 09:06	Return to Storage
MC36792-7.1	Walk In Ref #5	Hamid Siamak	02/11/15 08:21	Retrieve from Storage
MC36792-7.1	Hamid Siamak	Walk In Ref #5	02/11/15 15:26	Return to Storage
MC36792-8.1	Walk In Ref #5	Jaime Maslowski	02/10/15 08:52	Retrieve from Storage
MC36792-8.1	Jaime Maslowski	Walk In Ref #5	02/10/15 09:06	Return to Storage
MC36792-8.1	Walk In Ref #5	Hamid Siamak	02/11/15 08:21	Retrieve from Storage
MC36792-8.1	Hamid Siamak	Walk In Ref #5	02/11/15 15:26	Return to Storage
MC36792-9.1	VOC Ref #3	Gary Krasinski	02/10/15 11:07	Retrieve from Storage
MC36792-9.1	Gary Krasinski	GCMSU	02/10/15 11:07	Load on Instrument
MC36792-9.1	GCMSU	Gary Krasinski	02/11/15 09:05	Unload from Instrument
MC36792-9.1	Gary Krasinski	VOC Ref #3	02/11/15 09:05	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

Page 1 of 1

Job Number: MC36792**Account:** SUNOCOSS Sunoco**Project:** MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSK2670-MB	K85342.D	1	02/10/15	JM	n/a	n/a	MSK2670

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

MC36792-1, MC36792-2, MC36792-3, MC36792-4, MC36792-5, MC36792-7, MC36792-8

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	25	ug/kg	
104-51-8	n-Butylbenzene	ND	250	ug/kg	
135-98-8	sec-Butylbenzene	ND	250	ug/kg	
98-06-6	tert-Butylbenzene	ND	250	ug/kg	
100-41-4	Ethylbenzene	ND	100	ug/kg	
98-82-8	Isopropylbenzene	ND	250	ug/kg	
99-87-6	p-Isopropyltoluene	ND	250	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	100	ug/kg	
91-20-3	Naphthalene	ND	250	ug/kg	
103-65-1	n-Propylbenzene	ND	250	ug/kg	
108-88-3	Toluene	ND	250	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	250	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	250	ug/kg	
	m,p-Xylene	ND	100	ug/kg	
95-47-6	o-Xylene	ND	100	ug/kg	
1330-20-7	Xylene (total)	ND	100	ug/kg	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	105% 65-141%
2037-26-5	Toluene-D8	97% 65-129%
460-00-4	4-Bromofluorobenzene	97% 63-137%

Method Blank Summary

Page 1 of 1

Job Number: MC36792**Account:** SUNOCOSS Sunoco**Project:** MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSU1100-MB	U26143.D	1	02/10/15	GK	n/a	n/a	MSU1100

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

MC36792-6, MC36792-9

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	0.50	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	
95-47-6	o-Xylene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	91% 67-134%
2037-26-5	Toluene-D8	98% 79-121%
460-00-4	4-Bromofluorobenzene	96% 71-133%

Blank Spike Summary

Page 1 of 1

Job Number: MC36792**Account:** SUNOCOSS Sunoco**Project:** MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSK2670-BS	K85339.D	1	02/10/15	JM	n/a	n/a	MSK2670

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

MC36792-1, MC36792-2, MC36792-3, MC36792-4, MC36792-5, MC36792-7, MC36792-8

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
71-43-2	Benzene	2500	2240	90	67-124
104-51-8	n-Butylbenzene	2500	2310	92	68-129
135-98-8	sec-Butylbenzene	2500	2190	88	71-128
98-06-6	tert-Butylbenzene	2500	2140	86	67-128
100-41-4	Ethylbenzene	2500	2470	99	75-120
98-82-8	Isopropylbenzene	2500	2210	88	70-129
99-87-6	p-Isopropyltoluene	2500	2260	90	73-126
1634-04-4	Methyl Tert Butyl Ether	2500	2340	94	64-126
91-20-3	Naphthalene	2500	2070	83	51-164
103-65-1	n-Propylbenzene	2500	2180	87	68-129
108-88-3	Toluene	2500	2280	91	76-122
95-63-6	1,2,4-Trimethylbenzene	2500	2220	89	73-124
108-67-8	1,3,5-Trimethylbenzene	2500	2320	93	69-122
	m,p-Xylene	5000	4770	95	77-121
95-47-6	o-Xylene	2500	2350	94	78-122
1330-20-7	Xylene (total)	7500	7120	95	78-121

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	102%	65-141%
2037-26-5	Toluene-D8	100%	65-129%
460-00-4	4-Bromofluorobenzene	97%	63-137%

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 1

Job Number: MC36792**Account:** SUNOCOSS Sunoco**Project:** MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSU1100-BS	U26140.D	1	02/10/15	GK	n/a	n/a	MSU1100

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

MC36792-6, MC36792-9

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	50	59.4	119	74-127
104-51-8	n-Butylbenzene	50	61.5	123	75-140
135-98-8	sec-Butylbenzene	50	59.5	119	74-139
98-06-6	tert-Butylbenzene	50	58.8	118	71-141
100-41-4	Ethylbenzene	50	53.2	106	75-129
98-82-8	Isopropylbenzene	50	58.3	117	76-138
99-87-6	p-Isopropyltoluene	50	59.7	119	77-137
1634-04-4	Methyl Tert Butyl Ether	50	59.6	119	62-134
91-20-3	Naphthalene	50	57.4	115	32-196
103-65-1	n-Propylbenzene	50	56.6	113	74-138
108-88-3	Toluene	50	55.0	110	75-134
95-63-6	1,2,4-Trimethylbenzene	50	59.8	120	76-133
108-67-8	1,3,5-Trimethylbenzene	50	63.8	128	72-131
	m,p-Xylene	100	103	103	74-129
95-47-6	o-Xylene	50	51.5	103	77-127
1330-20-7	Xylene (total)	150	154	103	75-128

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	103%	67-134%
2037-26-5	Toluene-D8	103%	79-121%
460-00-4	4-Bromofluorobenzene	100%	71-133%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: MC36792

Account: SUNOCOSS Sunoco

Project: MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC36792-8MS	K85352.D	1	02/10/15	JM	n/a	n/a	MSK2670
MC36792-8MSD	K85353.D	1	02/10/15	JM	n/a	n/a	MSK2670
MC36792-8	K85351.D	1	02/10/15	JM	n/a	n/a	MSK2670

The QC reported here applies to the following samples:

Method: SW846 8260C

MC36792-1, MC36792-2, MC36792-3, MC36792-4, MC36792-5, MC36792-7, MC36792-8

CAS No.	Compound	MC36792-8 ug/kg	Spike Q ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND	3230	3000	93	3230	2970	92	1	34-139/30
104-51-8	n-Butylbenzene	ND	3230	3140	97	3230	3090	96	2	10-164/30
135-98-8	sec-Butylbenzene	ND	3230	3030	94	3230	2780	86	9	15-160/30
98-06-6	tert-Butylbenzene	ND	3230	3020	94	3230	2590	80	15	16-158/30
100-41-4	Ethylbenzene	ND	3230	3290	102	3230	3390	105	3	24-146/30
98-82-8	Isopropylbenzene	ND	3230	3030	94	3230	2860	89	6	20-158/30
99-87-6	p-Isopropyltoluene	ND	3230	3110	96	3230	2920	90	6	12-161/30
1634-04-4	Methyl Tert Butyl Ether	ND	3230	2950	91	3230	3230	100	9	47-138/30
91-20-3	Naphthalene	ND	3230	2460	76	3230	2590	80	5	10-188/30
103-65-1	n-Propylbenzene	ND	3230	2980	92	3230	2920	90	2	10-167/30
108-88-3	Toluene	ND	3230	3050	94	3230	3210	99	5	30-147/30
95-63-6	1,2,4-Trimethylbenzene	ND	3230	3040	94	3230	2940	91	3	10-173/30
108-67-8	1,3,5-Trimethylbenzene	ND	3230	3200	99	3230	3040	94	5	10-161/30
	m,p-Xylene	ND	6460	6410	99	6460	6560	102	2	25-147/30
95-47-6	o-Xylene	ND	3230	3180	98	3230	3250	101	2	24-147/30
1330-20-7	Xylene (total)	ND	9690	9590	99	9690	9810	101	2	25-147/30

CAS No.	Surrogate Recoveries	MS	MSD	MC36792-8	Limits
1868-53-7	Dibromofluoromethane	100%	100%	101%	65-141%
2037-26-5	Toluene-D8	99%	108%	103%	65-129%
460-00-4	4-Bromofluorobenzene	99%	96%	97%	63-137%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: MC36792

Account: SUNOCOSS Sunoco

Project: MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC36775-4MS	U26153.D	5	02/10/15	GK	n/a	n/a	MSU1100
MC36775-4MSD	U26154.D	5	02/10/15	GK	n/a	n/a	MSU1100
MC36775-4	U26148.D	1	02/10/15	GK	n/a	n/a	MSU1100

The QC reported here applies to the following samples:

Method: SW846 8260C

MC36792-6, MC36792-9

CAS No.	Compound	MC36775-4 ug/l	Spike Q ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND	250	313	125	250	321	128	3	69-136/30
104-51-8	n-Butylbenzene	ND	250	300	120	250	316	126	5	65-147/30
135-98-8	sec-Butylbenzene	ND	250	284	114	250	286	114	1	72-143/30
98-06-6	tert-Butylbenzene	ND	250	267	107	250	259	104	3	66-146/30
100-41-4	Ethylbenzene	ND	250	270	108	250	272	109	1	67-141/30
98-82-8	Isopropylbenzene	ND	250	282	113	250	279	112	1	71-144/30
99-87-6	p-Isopropyltoluene	ND	250	292	117	250	297	119	2	72-141/30
1634-04-4	Methyl Tert Butyl Ether	ND	250	306	122	250	379	152* a	21	48-149/30
91-20-3	Naphthalene	ND	250	234	94	250	291	116	22	19-200/30
103-65-1	n-Propylbenzene	ND	250	281	112	250	278	111	1	67-145/30
108-88-3	Toluene	ND	250	300	120	250	297	119	1	72-141/30
95-63-6	1,2,4-Trimethylbenzene	ND	250	293	117	250	300	120	2	66-142/30
108-67-8	1,3,5-Trimethylbenzene	ND	250	308	123	250	314	126	2	68-135/30
	m,p-Xylene	ND	500	521	104	500	533	107	2	67-138/30
95-47-6	o-Xylene	ND	250	257	103	250	277	111	7	72-135/30
1330-20-7	Xylene (total)	ND	750	778	104	750	810	108	4	67-139/30

CAS No.	Surrogate Recoveries	MS	MSD	MC36775-4	Limits
1868-53-7	Dibromofluoromethane	99%	111%	126%	67-134%
2037-26-5	Toluene-D8	106%	111%	108%	79-121%
460-00-4	4-Bromofluorobenzene	103%	97%	86%	71-133%

(a) Outside control limits due to possible matrix interference. Refer to Blank Spike.

* = Outside of Control Limits.

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: MC36792

Account: SUNOCOSS Sunoco

Project: MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY

Sample: MSK2666-BFB

Injection Date: 02/03/15

Lab File ID: K85144.D

Injection Time: 09:59

Instrument ID: GCMSK

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	4364	15.4	Pass
75	30.0 - 60.0% of mass 95	12395	43.8	Pass
95	Base peak, 100% relative abundance	28320	100.0	Pass
96	5.0 - 9.0% of mass 95	1891	6.68	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 150.0% of mass 95	26629	94.0	Pass
175	5.0 - 9.0% of mass 174	1957	6.91 (7.35) ^a	Pass
176	95.0 - 101.0% of mass 174	26397	93.2 (99.1) ^a	Pass
177	5.0 - 9.0% of mass 176	1796	6.34 (6.80) ^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
MSK2666-IC2666	K85145.D	02/03/15	10:26	00:27	Initial cal 0.5
MSK2666-IC2666	K85146.D	02/03/15	10:54	00:55	Initial cal 1
MSK2666-IC2666	K85147.D	02/03/15	11:21	01:22	Initial cal 2
MSK2666-IC2666	K85148.D	02/03/15	11:49	01:50	Initial cal 5
MSK2666-IC2666	K85149.D	02/03/15	12:17	02:18	Initial cal 10
MSK2666-IC2666	K85150.D	02/03/15	12:45	02:46	Initial cal 25
MSK2666-ICC2666	K85151.D	02/03/15	13:13	03:14	Initial cal 50
MSK2666-IC2666	K85152.D	02/03/15	13:41	03:42	Initial cal 100
MSK2666-IC2666	K85153.D	02/03/15	14:09	04:10	Initial cal 200
MSK2666-IC2666	K85154.D	02/03/15	14:37	04:38	Initial cal 400

Instrument Performance Check (BFB)

Job Number: MC36792

Account: SUNOCOSS Sunoco

Project: MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY

Sample: MSK2667-BFB

Injection Date: 02/04/15

Lab File ID: K85191.D

Injection Time: 09:25

Instrument ID: GCMSK

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	5203	16.8	Pass
75	30.0 - 60.0% of mass 95	14007	45.3	Pass
95	Base peak, 100% relative abundance	30952	100.0	Pass
96	5.0 - 9.0% of mass 95	2225	7.19	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 150.0% of mass 95	30680	99.1	Pass
175	5.0 - 9.0% of mass 174	2047	6.61 (6.67) ^a	Pass
176	95.0 - 101.0% of mass 174	30640	99.0 (99.9) ^a	Pass
177	5.0 - 9.0% of mass 176	2043	6.60 (6.67) ^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
MSK2667-ICV2666	K85191.D	02/04/15	09:25	00:00	Initial cal verification 50
MSK2667-CC2666	K85191.D	02/04/15	09:25	00:00	Continuing cal 50
MSK2667-BS	K85192.D	02/04/15	09:53	00:28	Blank Spike
MSK2667-MB	K85194.D	02/04/15	10:48	01:23	Method Blank
ZZZZZZ	K85197.D	02/04/15	12:11	02:46	(unrelated sample)
MC36677-2	K85198.D	02/04/15	12:38	03:13	(used for QC only; not part of job MC36792)
MC36677-2MS	K85199.D	02/04/15	13:15	03:50	Matrix Spike
MC36677-2MSD	K85200.D	02/04/15	13:43	04:18	Matrix Spike Duplicate
ZZZZZZ	K85203.D	02/04/15	15:06	05:41	(unrelated sample)
ZZZZZZ	K85204.D	02/04/15	15:34	06:09	(unrelated sample)
ZZZZZZ	K85205.D	02/04/15	16:02	06:37	(unrelated sample)
ZZZZZZ	K85206.D	02/04/15	16:29	07:04	(unrelated sample)
ZZZZZZ	K85208.D	02/04/15	17:25	08:00	(unrelated sample)
ZZZZZZ	K85209.D	02/04/15	17:52	08:27	(unrelated sample)
ZZZZZZ	K85210.D	02/04/15	18:20	08:55	(unrelated sample)
ZZZZZZ	K85211.D	02/04/15	18:48	09:23	(unrelated sample)
ZZZZZZ	K85212.D	02/04/15	19:16	09:51	(unrelated sample)
ZZZZZZ	K85213.D	02/04/15	19:43	10:18	(unrelated sample)
ZZZZZZ	K85214.D	02/04/15	20:11	10:46	(unrelated sample)
ZZZZZZ	K85215.D	02/04/15	20:39	11:14	(unrelated sample)
ZZZZZZ	K85216.D	02/04/15	21:07	11:42	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: MC36792

Account: SUNOCOSS Sunoco

Project: MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY

Sample: MSK2670-BFB

Injection Date: 02/10/15

Lab File ID: K85338.D

Injection Time: 08:44

Instrument ID: GCMSK

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	4631	16.6	Pass
75	30.0 - 60.0% of mass 95	12121	43.5	Pass
95	Base peak, 100% relative abundance	27856	100.0	Pass
96	5.0 - 9.0% of mass 95	1940	6.96	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 150.0% of mass 95	28200	101.2	Pass
175	5.0 - 9.0% of mass 174	2104	7.55 (7.46) ^a	Pass
176	95.0 - 101.0% of mass 174	27432	98.5 (97.3) ^a	Pass
177	5.0 - 9.0% of mass 176	1747	6.27 (6.37) ^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
MSK2670-CC2666	K85338.D	02/10/15	08:44	00:00	Continuing cal 50
MSK2670-BS	K85339.D	02/10/15	09:11	00:27	Blank Spike
MSK2670-MB	K85342.D	02/10/15	10:35	01:51	Method Blank
ZZZZZZ	K85343.D	02/10/15	11:03	02:19	(unrelated sample)
ZZZZZZ	K85344.D	02/10/15	11:32	02:48	(unrelated sample)
MC36792-1	K85345.D	02/10/15	11:59	03:15	SB110(5'-6')
MC36792-2	K85346.D	02/10/15	12:28	03:44	SB110(10'-11.5')
MC36792-3	K85347.D	02/10/15	12:55	04:11	SB108(5'-6')
MC36792-4	K85348.D	02/10/15	13:25	04:41	SB108(11'-11.5')
MC36792-5	K85349.D	02/10/15	13:52	05:08	SB111(6.5'-8.5')
MC36792-7	K85350.D	02/10/15	14:21	05:37	SB109(6.5'-8.5')
MC36792-8	K85351.D	02/10/15	14:48	06:04	SBXT
MC36792-8MS	K85352.D	02/10/15	15:17	06:33	Matrix Spike
MC36792-8MSD	K85353.D	02/10/15	15:44	07:00	Matrix Spike Duplicate
ZZZZZZ	K85356.D	02/10/15	17:07	08:23	(unrelated sample)
ZZZZZZ	K85357.D	02/10/15	17:34	08:50	(unrelated sample)
ZZZZZZ	K85358.D	02/10/15	18:02	09:18	(unrelated sample)
ZZZZZZ	K85359.D	02/10/15	18:31	09:47	(unrelated sample)
ZZZZZZ	K85360.D	02/10/15	18:58	10:14	(unrelated sample)
ZZZZZZ	K85361.D	02/10/15	19:27	10:43	(unrelated sample)
ZZZZZZ	K85362.D	02/10/15	19:54	11:10	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: MC36792

Account: SUNOCOSS Sunoco

Project: MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY

Sample: MSU1085-BFB

Injection Date: 01/15/15

Lab File ID: U25634.D

Injection Time: 16:26

Instrument ID: GCMSU

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	11719	17.8	Pass
75	30.0 - 60.0% of mass 95	30072	45.7	Pass
95	Base peak, 100% relative abundance	65771	100.0	Pass
96	5.0 - 9.0% of mass 95	4428	6.73	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 150.0% of mass 95	64669	98.3	Pass
175	5.0 - 9.0% of mass 174	4662	7.09 (7.21) ^a	Pass
176	95.0 - 101.0% of mass 174	61733	93.9 (95.5) ^a	Pass
177	5.0 - 9.0% of mass 176	3989	6.06 (6.46) ^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
MSU1085-IC1085	U25636.D	01/15/15	17:22	00:56	Initial cal 0.5
MSU1085-IC1085	U25637.D	01/15/15	17:49	01:23	Initial cal 1
MSU1085-IC1085	U25638.D	01/15/15	18:16	01:50	Initial cal 2
MSU1085-IC1085	U25639.D	01/15/15	18:44	02:18	Initial cal 5
MSU1085-IC1085	U25640.D	01/15/15	19:11	02:45	Initial cal 10
MSU1085-IC1085	U25641.D	01/15/15	19:39	03:13	Initial cal 25
MSU1085-ICC1085	U25642.D	01/15/15	20:06	03:40	Initial cal 50
MSU1085-IC1085	U25643.D	01/15/15	20:34	04:08	Initial cal 100
MSU1085-IC1085	U25644.D	01/15/15	21:03	04:37	Initial cal 200
MSU1085-IC1085	U25645.D	01/15/15	21:30	05:04	Initial cal 400
MSU1085-ICV1085	U25649.D	01/15/15	23:21	06:55	Initial cal verification 50
ZZZZZZ	U25652.D	01/16/15	00:43	08:17	(unrelated sample)
ZZZZZZ	U25653.D	01/16/15	01:11	08:45	(unrelated sample)
ZZZZZZ	U25654.D	01/16/15	01:38	09:12	(unrelated sample)
ZZZZZZ	U25655.D	01/16/15	02:06	09:40	(unrelated sample)
ZZZZZZ	U25656.D	01/16/15	02:33	10:07	(unrelated sample)
ZZZZZZ	U25657.D	01/16/15	03:01	10:35	(unrelated sample)
ZZZZZZ	U25658.D	01/16/15	03:28	11:02	(unrelated sample)
ZZZZZZ	U25659.D	01/16/15	03:57	11:31	(unrelated sample)
ZZZZZZ	U25660.D	01/16/15	04:24	11:58	(unrelated sample)
ZZZZZZ	U25661.D	01/16/15	04:52	12:26	(unrelated sample)
ZZZZZZ	U25662.D	01/16/15	05:19	12:53	(unrelated sample)
ZZZZZZ	U25663.D	01/16/15	05:47	13:21	(unrelated sample)
ZZZZZZ	U25664.D	01/16/15	06:14	13:48	(unrelated sample)

Instrument Performance Check (BFB)

Page 2 of 2

Job Number: MC36792

Account: SUNOCOSS Sunoco

Project: MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY

Sample: MSU1085-BFB

Injection Date: 01/15/15

Lab File ID: U25634.D

Injection Time: 16:26

Instrument ID: GCMSU

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ZZZZZZ	U25665.D	01/16/15	06:41	14:15	(unrelated sample)
ZZZZZZ	U25666.D	01/16/15	07:09	14:43	(unrelated sample)
ZZZZZZ	U25667.D	01/16/15	07:36	15:10	(unrelated sample)

6.4.4

6

Instrument Performance Check (BFB)

Job Number: MC36792

Account: SUNOCOSS Sunoco

Project: MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY

Sample: MSU1100-BFB

Injection Date: 02/10/15

Lab File ID: U26139.D

Injection Time: 09:45

Instrument ID: GCMSU

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	1534	15.1	Pass
75	30.0 - 60.0% of mass 95	4613	45.3	Pass
95	Base peak, 100% relative abundance	10183	100.0	Pass
96	5.0 - 9.0% of mass 95	633	6.22	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 150.0% of mass 95	11431	112.3	Pass
175	5.0 - 9.0% of mass 174	841	8.26 (7.36) ^a	Pass
176	95.0 - 101.0% of mass 174	11262	110.6 (98.5) ^a	Pass
177	5.0 - 9.0% of mass 176	748	7.35 (6.64) ^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
MSU1100-BS	U26140.D	02/10/15	10:13	00:28	Blank Spike
MSU1100-CC1085	U26140.D	02/10/15	10:13	00:28	Continuing cal 50
MSU1100-MB	U26143.D	02/10/15	11:36	01:51	Method Blank
ZZZZZZ	U26144.D	02/10/15	12:03	02:18	(unrelated sample)
MC36792-9	U26145.D	02/10/15	12:32	02:47	TRIP BLANK
GP18807-LB1	U26146.D	02/10/15	12:59	03:14	Leachate Blank
MC36792-6	U26147.D	02/10/15	13:28	03:43	FIELD BLANK
MC36775-4	U26148.D	02/10/15	13:55	04:10	(used for QC only; not part of job MC36792)
ZZZZZZ	U26149.D	02/10/15	14:24	04:39	(unrelated sample)
ZZZZZZ	U26150.D	02/10/15	14:51	05:06	(unrelated sample)
ZZZZZZ	U26151.D	02/10/15	15:20	05:35	(unrelated sample)
ZZZZZZ	U26152.D	02/10/15	15:47	06:02	(unrelated sample)
MC36775-4MS	U26153.D	02/10/15	16:15	06:30	Matrix Spike
MC36775-4MSD	U26154.D	02/10/15	16:42	06:57	Matrix Spike Duplicate
GP18807-LS1	U26155.D	02/10/15	17:10	07:25	Leachate Spike
ZZZZZZ	U26157.D	02/10/15	18:05	08:20	(unrelated sample)
ZZZZZZ	U26158.D	02/10/15	18:32	08:47	(unrelated sample)
ZZZZZZ	U26159.D	02/10/15	18:59	09:14	(unrelated sample)
ZZZZZZ	U26160.D	02/10/15	19:28	09:43	(unrelated sample)
ZZZZZZ	U26162.D	02/10/15	20:23	10:38	(unrelated sample)
ZZZZZZ	U26163.D	02/10/15	20:51	11:06	(unrelated sample)
ZZZZZZ	U26164.D	02/10/15	21:19	11:34	(unrelated sample)

Volatile Internal Standard Area Summary

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Job Number: MC36792

Account: SUNOCOSS Sunoco

Project: MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY

Check Std:	MSK2670-CC2666	Injection Date:	02/10/15
Lab File ID:	K85338.D	Injection Time:	08:44
Instrument ID:	GCMSK	Method:	SW846 8260C

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	93550	8.77	133366	9.62	56620	12.87	72467	15.43	36590	6.41
Upper Limit ^a	187100	9.27	266732	10.12	113240	13.37	144934	15.93	73180	6.91
Lower Limit ^b	46775	8.27	66683	9.12	28310	12.37	36234	14.93	18295	5.91

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
MSK2670-BS	101016	8.77	144643	9.62	60395	12.87	74348	15.43	38650	6.41
MSK2670-MB	103258	8.77	146779	9.62	56753	12.88	77249	15.43	40161	6.38
ZZZZZZ	101672	8.77	146841	9.62	60085	12.87	84216	15.43	36197	6.47
ZZZZZZ	103927	8.77	151494	9.62	58507	12.87	78251	15.43	38095	6.44
MC36792-1	101085	8.77	144846	9.62	61128	12.87	85841	15.43	38354	6.43
MC36792-2	98180	8.77	142605	9.62	56107	12.87	72240	15.43	37761	6.40
MC36792-3	102375	8.77	144788	9.62	61783	12.87	85299	15.43	40629	6.44
MC36792-4	100235	8.77	145991	9.62	56389	12.87	75240	15.43	34719	6.40
MC36792-5	100657	8.77	141839	9.62	60113	12.87	84748	15.43	39138	6.43
MC36792-7	103763	8.77	148234	9.62	58686	12.87	77641	15.43	34697	6.40
MC36792-8	102592	8.77	146097	9.62	61867	12.87	86636	15.43	41520	6.44
MC36792-8MS	100583	8.77	144372	9.62	59483	12.87	71744	15.43	34951	6.40
MC36792-8MSD	96661	8.77	137684	9.62	62416	12.87	80272	15.43	43089	6.44
ZZZZZZ	98284	8.77	145345	9.61	57421	12.87	77886	15.43	34023	6.45
ZZZZZZ	109130	8.77	160043	9.62	62751	12.87	84875	15.43	42727	6.46
ZZZZZZ	106199	8.77	153439	9.61	62539	12.87	84169	15.43	35345	6.46
ZZZZZZ	107697	8.77	156463	9.62	62086	12.88	81649	15.43	34354	6.41
ZZZZZZ	99199	8.77	143439	9.61	60925	12.87	85804	15.43	37439	6.47
ZZZZZZ	109767	8.77	159643	9.61	60688	12.87	87721	15.43	43175	6.45
ZZZZZZ	115121	8.77	177520	9.62	87228	12.88	104604	15.44	41118	6.42

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

Page 1 of 1

Job Number: MC36792

Account: SUNOCOSS Sunoco

Project: MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY

Check Std: MSU1100-CC1085

Injection Date: 02/10/15

Lab File ID: U26140.D

Injection Time: 10:13

Instrument ID: GCMSU

Method: SW846 8260C

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	295374	8.96	448549	9.83	176224	13.08	202142	15.64	93808	6.73
Upper Limit ^a	590748	9.46	897098	10.33	352448	13.58	404284	16.14	187616	7.23
Lower Limit ^b	147687	8.46	224275	9.33	88112	12.58	101071	15.14	46904	6.23

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
MSU1100-BS	295374	8.96	448549	9.83	176224	13.08	202142	15.64	93808	6.73
MSU1100-MB	290541	8.96	436599	9.83	155500	13.09	201226	15.65	131569	6.66
ZZZZZZ	191378	8.96	280468	9.83	111499	13.09	189326	15.65	48105	6.77
MC36792-9	286535	8.96	434965	9.83	158222	13.09	194960	15.65	90877	6.70
GP18807-LB1	172203	8.96	262655	9.83	112113	13.09	171720	15.65	46869 ^c	6.77
MC36792-6	279461	8.96	423033	9.83	155395	13.09	193534	15.65	106417	6.73
MC36775-4	188069	8.97	272657	9.84	114027	13.09	201229	15.65	76550	6.77
ZZZZZZ	276958	8.96	418354	9.83	152808	13.09	202748	15.65	119806	6.66
ZZZZZZ	189764	8.97	279428	9.83	111993	13.09	193672	15.65	76952	6.74
ZZZZZZ	261465	8.96	395063	9.83	143789	13.09	183683	15.65	52768	6.67
ZZZZZZ	176445	8.96	256512	9.83	102667	13.09	183844	15.65	71173	6.72
MC36775-4MS	272268	8.96	420239	9.83	182405	13.08	211240	15.64	83223	6.67
MC36775-4MSD	223678	8.96	348941	9.83	155506	13.08	195515	15.64	89163	6.74
GP18807-LS1	260491	8.96	408477	9.82	170477	13.08	210582	15.64	81992	6.73
ZZZZZZ	232725	8.96	344346	9.83	120426	13.09	177332	15.65	74864	6.73
ZZZZZZ	290161	8.96	437197	9.83	156828	13.09	197037	15.65	141102	6.58
ZZZZZZ	201591	8.96	292815	9.83	107749	13.09	169828	15.65	75045	6.71
ZZZZZZ	283786	8.96	430149	9.83	161004	13.08	196178	15.65	113095	6.67
ZZZZZZ	272555	8.96	408713	9.83	145754	13.09	189142	15.65	129283	6.66
ZZZZZZ	180403	8.96	265428	9.83	102020	13.09	174611	15.65	77113	6.72
ZZZZZZ	269219	8.96	405362	9.83	146022	13.09	185595	15.65	112705	6.67

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.

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

Volatile Surrogate Recovery Summary

Job Number: MC36792
Account: SUNOCOSS Sunoco
Project: MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY

Method: SW846 8260C	Matrix: AQ
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Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3
MC36792-6	U26147.D	94	100	99
MC36792-9	U26145.D	95	99	100
MC36775-4MS	U26153.D	99	106	103
MC36775-4MSD	U26154.D	111	111	97
MSU1100-BS	U26140.D	103	103	100
MSU1100-MB	U26143.D	91	98	96

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	67-134%
S2 = Toluene-D8	79-121%
S3 = 4-Bromofluorobenzene	71-133%

Volatile Surrogate Recovery Summary

Job Number: MC36792
Account: SUNOCOSS Sunoco
Project: MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY

Method: SW846 8260C	Matrix: SO
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Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3
MC36792-1	K85345.D	100	103	97
MC36792-2	K85346.D	104	96	99
MC36792-3	K85347.D	100	102	100
MC36792-4	K85348.D	104	97	100
MC36792-5	K85349.D	98	103	97
MC36792-7	K85350.D	101	97	97
MC36792-8	K85351.D	101	103	97
MC36792-8MS	K85352.D	100	99	99
MC36792-8MSD	K85353.D	100	108	96
MSK2670-BS	K85339.D	102	100	97
MSK2670-MB	K85342.D	105	97	97

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	65-141%
S2 = Toluene-D8	65-129%
S3 = 4-Bromofluorobenzene	63-137%

Initial Calibration Summary

Job Number: MC36792 Sample: MSK2666-ICC2666
Account: SUNOCOSS Sunoco Lab FileID: K85151.D
Project: MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY

Response Factor Report MSK

Method : C:\msdchem\1\methods\K150203S.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Feb 04 10:00:35 2015
Response via : Initial Calibration

Calibration Files

0.5 =k85145.D 2 =k85147.D 5 =k85148.D 50 =k85151.D
100 =k85152.D 200 =k85153.D 400 =k85154.D 10 =k85149.D
25 =k85150.D 1 =k85146.D = =

Compound	0.5	2	5	50	100	200	400	10	25	1	Avg	%RSD
1) Tert butyl alcohol-d9 -----ISTD-----												
2) tertiary butyl alcohol												
	1.466	1.335	1.311	1.260	1.258	1.377	1.369			1.340		5.46
3) Ethanol												
	0.122	0.151	0.140	0.138	0.133	0.131	0.143	0.141		0.137		6.49
4) I pentafluorobenzene -----ISTD-----												
5) dichlorodifluoromethane												
	0.261	0.546	0.531	0.538	0.521	0.513	0.555	0.529		0.499		19.44
---- Linear regression ---- Coefficient = 0.9991												
Response Ratio = -0.00414 + 0.52208 *A												
6) chloromethane												
	0.906	0.849	0.820	0.778	0.729	0.878	0.834			0.828		7.23
7) vinyl chloride												
	0.225	0.256	0.283	0.270	0.223	0.229	0.288	0.261		0.254		10.27
8) bromomethane												
	0.551	0.604	0.576	0.568	0.539	0.500	0.546	0.503		0.549		6.46
9) chloroethane												
	0.302	0.260	0.252	0.234	0.220	0.275	0.257			0.257		10.33
10) dichlorofluoromethane												
	0.793	0.675	0.677	0.617	0.583	0.724	0.725			0.685		10.32
11) ethyl ether												
	0.338	0.308	0.307	0.296	0.290	0.319	0.320			0.311		5.22
12) acetonitrile												
	0.081	0.084	0.074	0.075	0.072	0.092				0.080		9.34
13) trichlorofluoromethane												
	0.623	0.673	0.636	0.625	0.605	0.552	0.651	0.615		0.623		5.70
14) freon-113												
	0.267	0.240	0.239	0.212	0.189	0.279	0.271			0.242		13.68
15) acrolein												
	0.040	0.033	0.034	0.032	0.032	0.034	0.033			0.034#		8.26
16) 1,1-dichloroethene												
	0.539	0.495	0.456	0.444	0.406	0.384	0.487	0.471		0.460		10.77
17) acetone												
	0.018	0.025	0.022	0.028	0.007	0.007				0.018#		50.48
---- Quadratic regression ---- Coefficient = 0.9954												
Response Ratio = -0.00207 + 0.01914 *A + 0.00116 *A^2												
18) Methyl Acetate												
	0.437	0.417	0.411	0.382	0.381	0.427	0.427			0.412		5.43
19) methylene chloride												
	0.584	0.564	0.521	0.509	0.473	0.450	0.556	0.548		0.525		8.86
20) methyl tert butyl ether												

Initial Calibration Summary

Job Number: MC36792

Sample: MSK2666-ICC2666

Account: SUNOCOSS Sunoco

Lab FileID: K85151.D

Project: MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY

	1.142	1.153	1.059	1.037	0.950	0.898	1.140	1.133	1.064	9.11
21) acrylonitrile										
	0.136	0.147	0.150	0.140	0.139	0.143	0.149		0.143	3.81
22) allyl chloride										
	0.705	0.660	0.639	0.562	0.481	0.709	0.705		0.637	13.59
23) trans-1,2-dichloroethene										
	0.613	0.600	0.509	0.518	0.492	0.471	0.559	0.544	0.538	9.36
24) iodomethane										
	1.228	1.132	1.110	1.005	0.968	1.182	1.177		1.114	8.60
25) carbon disulfide										
	1.679	1.587	1.561	1.429	1.377	1.687	1.666		1.570	7.89
26) propionitrile										
	0.011	0.054	0.057	0.052	0.055	0.036	0.052		0.045#	36.75
---- Linear regression ---- Coefficient = 0.9980										
Response Ratio = -0.00377 + 0.05537 *A										
27) vinyl acetate										
	0.388	0.424	0.425	0.403	0.412	0.428	0.427		0.415	3.70
28) chloroprene										
	0.661	0.606	0.605	0.585	0.572	0.643	0.624		0.614	5.12
29) di-isopropyl ether										
	1.511	1.479	1.341	1.304	1.185	1.107	1.417	1.399	1.343	10.43
30) methacrylonitrile										
	0.229	0.209	0.221	0.193	0.207	0.216	0.216		0.213	5.32
31) 2-butanone										
	0.033	0.036	0.033	0.038	0.021	0.029			0.032#	19.68
---- Linear regression ---- Coefficient = 0.9967										
Response Ratio = -0.00366 + 0.03711 *A										
32) Hexane										
	0.715	0.637	0.613	0.566	0.524	0.695	0.673		0.632	10.96
33) 1,1-dichloroethane										
	0.882	0.873	0.804	0.800	0.761	0.735	0.867	0.853	0.822	6.71
34) tert-butyl ethyl ether										
	1.454	1.375	1.230	1.175	1.051	0.960	1.333	1.326	1.238	13.60
35) isobutyl alcohol										
	0.033	0.031	0.030	0.027	0.025	0.037	0.035		0.031#	14.24
36) 2,2-dichloropropane										
	0.737	0.658	0.619	0.556	0.502	0.713	0.702		0.641	13.54
37) cis-1,2-dichloroethene										
	0.563	0.601	0.545	0.531	0.503	0.496	0.586	0.556	0.548	6.75
38) ethyl acetate										
	0.327	0.311	0.308	0.289	0.303	0.320	0.312		0.310	3.90
39) bromochloromethane										
	0.343	0.326	0.322	0.307	0.304	0.354	0.338		0.328	5.65
40) chloroform										
	1.018	0.929	0.835	0.823	0.777	0.755	0.877	0.874	0.861	9.82
41) dibromofluoromethane (s)										
	0.518	0.523	0.518	0.517	0.506	0.495	0.491	0.526	0.514	2.25
42) Tetrahydrofuran										
	0.108	0.107	0.107	0.099	0.108	0.109	0.112		0.107	3.56
43) 1,1,1-trichloroethane										
	0.868	0.884	0.812	0.810	0.747	0.711	0.862	0.848	0.818	7.48
44) I 1,4-difluorobenzene	-----ISTD-----									
45) Cyclohexane										
	0.505	0.447	0.435	0.400	0.362	0.506	0.478		0.448	12.01
46) carbon tetrachloride										
	0.676	0.627	0.570	0.568	0.538	0.504	0.614	0.600	0.587	9.16
47) 1,1-dichloropropene										

Initial Calibration Summary

Page 3 of 5

Job Number: MC36792

Sample: MSK2666-ICC2666

Account: SUNOCOSS Sunoco

Lab FileID: K85151.D

Project: MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY

	0.432	0.406	0.405	0.392	0.378	0.436	0.413		0.409	5.04		
48) benzene	1.306	1.362	1.288	1.146	1.125	1.068	1.032	1.243	1.205	1.489	1.226	11.45
49) 1,2-dichloroethane	0.420	0.413	0.406	0.400	0.394	0.398	0.414	0.411			0.407	2.22
50) tert-amyl methyl ether	1.021	0.828	0.801	0.739	0.673	0.935	0.877				0.839	14.00
51) heptane	0.342	0.347	0.334	0.325	0.312	0.365	0.359				0.340	5.50
52) trichloroethene	0.291	0.392	0.383	0.338	0.340	0.320	0.314	0.365	0.356	0.398	0.350	10.18
53) 1,2-dichloropropane	0.299	0.292	0.289	0.285	0.278	0.272	0.298	0.291			0.288	3.25
54) dibromomethane	0.215	0.216	0.215	0.209	0.208	0.219	0.216				0.214	1.89
55) bromodichloromethane	0.401	0.427	0.423	0.425	0.405	0.411	0.414	0.422			0.416	2.29
56) Methylcyclohexane	0.556	0.529	0.527	0.493	0.455	0.573	0.561				0.528	7.87
57) 2-chloroethyl vinyl ether	0.210	0.161	0.156	0.158	0.163	0.150	0.143				0.163	13.47
58) methyl methacrylate	0.149	0.156	0.159	0.153	0.158	0.154	0.155				0.155	2.15
59) 1,4-dioxane	0.004	0.004	0.004	0.004	0.004	0.001	0.003				0.003#	38.66
	---- Linear regression ---- Coefficient = 0.9980											
	Response Ratio = -0.00260 + 0.00396 *A											
60) cis-1,3-dichloropropene	0.461	0.437	0.443	0.448	0.445	0.459	0.439	0.443			0.447	1.96
61) toluene-d8 (s)	1.037	1.035	1.023	1.083	1.113	1.146	1.147	1.050	1.068	1.041	1.074	4.33
62) 4-methyl-2-pentanone	0.232	0.247	0.246	0.235	0.242	0.251	0.238				0.242	2.94
63) toluene	0.773	0.742	0.744	0.717	0.720	0.711	0.721	0.723	0.722	0.868	0.744	6.35
64) trans-1,3-dichloropropene	0.388	0.394	0.382	0.391	0.391	0.402	0.370	0.379			0.387	2.59
65) 1,1,2-trichloroethane	0.216	0.217	0.206	0.207	0.207	0.211	0.205	0.204			0.209	2.38
66) ethyl methacrylate	0.293	0.292	0.295	0.290	0.292	0.273	0.291				0.289	2.60
67) I chlorobenzene-d5	-----ISTD-----											
68) tetrachloroethene	0.794	1.017	1.028	0.912	0.851	0.792	0.695	0.997	0.952	1.193	0.923	15.75
	---- Quadratic regression ---- Coefficient = 0.9993											
	Response Ratio = 0.00237 + 0.92345 *A + -0.02919 *A^2											
69) 1,3-dichloropropane	0.932	0.865	0.802	0.728	0.644	0.921	0.889				0.826	12.98
70) dibromochloromethane	0.921	0.929	0.887	0.863	0.810	0.738	0.894	0.901			0.868	7.40
71) 1,2-dibromoethane	0.738	0.746	0.656	0.628	0.578	0.513	0.694	0.687			0.655	12.17
72) 2-hexanone	0.278	0.283	0.245	0.239	0.316	0.283					0.274	10.33
73) chlorobenzene	2.446	2.357	2.066	1.918	1.760	1.538	2.225	2.145			2.057	14.86
74) 1,1,1,2-tetrachloroethane												

6.7.1
6

Initial Calibration Summary

Job Number: MC36792

Sample: MSK2666-ICC2666

Account: SUNOCOSS Sunoco

Lab FileID: K85151.D

Project: MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY

	1.116	1.056	0.983	0.878	0.753	1.084	1.085		0.994	13.43
75) ethylbenzene										
	3.766	3.593	3.200	2.944	2.685	2.322	3.474	3.291	3.925	3.244
	---- Quadratic regression ---- Coefficient = 0.9995									
	Response Ratio = 0.02418 + 3.18706 *A + -0.11059 *A^2									
76) m,p-xylene										
	1.474	1.497	1.304	1.211	1.104	0.963	1.429	1.368		1.294
77) o-xylene										
	1.647	1.564	1.435	1.286	1.165	1.013	1.523	1.461		1.387
	---- Quadratic regression ---- Coefficient = 0.9991									
	Response Ratio = 0.01647 + 1.39330 *A + -0.04894 *A^2									
78) styrene										
	2.269	2.055	1.924	1.779	1.558	2.147	2.116		1.978	12.33
79) bromoform										
	0.509	0.572	0.543	0.537	0.505	0.457	0.541	0.542		0.526
80) cis-1,4-dichloro-2-butene										
	0.258	0.261	0.250	0.226	0.193	0.259	0.253		0.243	10.29
81) trans-1,4-dichloro-2-butene										
	0.203	0.183	0.170	0.146	0.123	0.187	0.198		0.173	16.78
	---- Quadratic regression ---- Coefficient = 0.9987									
	Response Ratio = 0.00305 + 0.18173 *A + -0.00756 *A^2									
82) I 1,4-dichlorobenzene-d -----ISTD-----										
83) isopropylbenzene										
	3.238	3.299	3.232	3.108	3.129	3.232	3.233		3.210	2.09
84) bromofluorobenzene (s)										
	0.734	0.756	0.750	0.776	0.790	0.775	0.799	0.746	0.767	0.756
85) bromobenzene										
	0.873	0.887	0.894	0.875	0.906	0.875	0.885		0.885	1.37
86) 1,1,2,2-tetrachloroethane										
	0.682	0.653	0.662	0.639	0.600	0.597	0.661	0.662		0.644
87) 1,2,3-trichloropropane										
	0.723	0.696	0.692	0.653	0.650	0.683	0.690		0.684	3.74
88) n-propylbenzene										
	3.438	3.387	3.307	3.162	3.147	3.324	3.373		3.305	3.38
89) 2-chlorotoluene										
	2.090	2.033	1.975	1.915	1.927	2.059	2.044		2.006	3.38
90) 4-chlorotoluene										
	2.037	1.934	1.871	1.797	1.818	1.962	1.924		1.906	4.40
91) 1,3,5-trimethylbenzene										
	2.810	2.719	2.736	2.741	2.620	2.637	2.701	2.747	3.013	2.747
92) tert-butylbenzene										
	1.390	1.487	1.520	1.478	1.506	1.463	1.449		1.470	2.91
93) 1,2,4-trimethylbenzene										
	2.931	2.772	2.812	2.747	2.643	2.675	2.795	2.811	3.223	2.823
94) sec-butylbenzene										
	3.432	3.578	3.543	3.422	3.441	3.523	3.542		3.497	1.82
95) 1,3-dichlorobenzene										
	1.749	1.721	1.627	1.587	1.534	1.526	1.678	1.664		1.636
96) p-isopropyltoluene										
	3.163	3.194	3.136	3.014	3.018	3.138	3.197		3.123	2.46
97) 1,4-dichlorobenzene										
	1.740	1.709	1.603	1.564	1.506	1.456	1.605	1.611		1.599
98) 1,2-dichlorobenzene										
	1.699	1.760	1.691	1.690	1.621	1.632	1.683	1.710		1.686
99) n-butylbenzene										
	2.572	2.573	2.477	2.321	2.269	2.608	2.570		2.484	5.49

Initial Calibration Summary

Page 5 of 5

Job Number: MC36792

Sample: MSK2666-ICC2666

Account: SUNOCOSS Sunoco

Lab FileID: K85151.D

Project: MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY

100)	1,2-dibromo-3-chloropropane	0.104	0.119	0.120	0.117	0.122	0.112	0.118	0.116	5.33
101)	1,3,5-trichlorobenzene	1.467	1.490	1.488	1.447	1.469	1.475	1.477	1.473	0.98
102)	1,2,4-trichlorobenzene	1.168	1.168	1.175	1.121	1.156	1.190	1.179	1.165	1.89
103)	hexachlorobutadiene	0.543	0.525	0.537	0.523	0.539	0.540	0.538	0.535	1.46
104)	naphthalene	2.252	2.250	2.297	2.159	2.204	2.312	2.277	2.250	2.37
105)	1,2,3-trichlorobenzene	0.852	0.841	0.873	0.815	0.831	0.889	0.875	0.854	3.15
106)	2-methylnaphthalene	0.664	0.699	0.769	0.738	0.738	0.748	0.684	0.720	5.31
107)	1-methylnaphthalene	0.423	0.511	0.560	0.529	0.534	0.578	0.459	0.513	10.72

(#) = Out of Range ### Number of calibration levels exceeded format ###

K150203S.M

Wed Feb 04 10:02:01 2015

6.7.1

6

Initial Calibration Verification

Page 1 of 3

Job Number: MC36792

Sample: MSK2667-ICV2666

Account: SUNOCOSS Sunoco

Lab FileID: K85191.D

Project: MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\data\150204\k85191.D

Vial: 4

Acq On : 4 Feb 2015 9:25 am

Operator: jaimem

Sample : cc2666-50

Inst : MSK

Misc : ms33796,msk2667,10,,100,10,1

Multiplr: 1.00

MS Integration Params: RTEINT.P

Method : C:\msdchem\1\methods\K150203S.M (RTE Integrator)

Title : SW-846 Method 8260

Last Update : Wed Feb 04 10:00:35 2015

Response via : Multiple Level Calibration

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

Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	Tert butyl alcohol-d9	1.000	1.000	0.0	96	0.00	6.42
2 p	tertiary butyl alcohol	1.340	1.244	7.2	89	0.00	6.50
3 p	Ethanol	0.137	0.140	-2.2	96	0.03	5.44
4 I	pentafluorobenzene	1.000	1.000	0.0	107	0.00	8.77
5 p	dichlorodifluoromethane	50.000	48.259	3.5	101	0.01	4.22
6 p	chloromethane	0.828	0.736	11.1	93	0.01	4.42
7 p	vinyl chloride	0.254	0.300	-18.1	114	0.00	4.64
8 p	bromomethane	0.549	0.510	7.1	95	0.00	5.17
9 p	chloroethane	0.257	0.223	13.2	92	0.01	5.29
10 p	dichlorofluoromethane	0.685	0.663	3.2	105	0.00	5.33
11 p	ethyl ether	0.311	0.296	4.8	103	0.00	6.11
12 p	acetonitrile	0.080	0.065	18.8	86	0.00	5.89
13 p	trichlorofluoromethane	0.623	0.656	-5.3	111	0.00	5.91
14 p	freon-113	0.242	0.248	-2.5	111	0.00	6.67
15 p	acrolein	0.034	0.037#	-8.8	119	0.00	5.86
16 p	1,1-dichloroethene	0.460	0.447	2.8	105	0.00	6.46
17 p	acetone	50.000	46.028	7.9	97	0.02	6.00
18 p	Methyl Acetate	0.412	0.342	17.0	88	-0.01	6.59
19 p	methylene chloride	0.525	0.506	3.6	104	0.00	6.60
20 p	methyl tert butyl ether	1.064	1.021	4.0	104	0.00	7.38
21 p	acrylonitrile	0.143	0.138	3.5	100	0.00	6.49
22 p	allyl chloride	0.637	0.629	1.3	102	0.00	6.69
23 p	trans-1,2-dichloroethene	0.538	0.508	5.6	107	0.00	7.27
24 p	iodomethane	1.114	1.145	-2.8	109	0.00	6.51
25 p	carbon disulfide	1.570	1.479	5.8	100	0.00	6.88
26 p	propionitrile	50.000	49.679	0.6	103	0.00	7.51
27 p	vinyl acetate	0.415	0.711	-71.3#	180	0.00	7.60
28 p	chloroprene	0.614	0.532	13.4	94	0.00	7.89
29 p	di-isopropyl ether	1.343	1.241	7.6	99	0.00	7.94

Initial Calibration Verification

Page 2 of 3

Job Number: MC36792

Sample: MSK2667-ICV2666

Account: SUNOCOSS Sunoco

Lab FileID: K85191.D

Project: MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY

30 p	methacrylonitrile	0.213	0.188	11.7	97	0.00	8.02
		----- Amount	Calc.	%Drift	-----		
31 p	2-butanone	50.000	42.719	14.6	91	0.00	7.92
		----- AvgRF	CCRF	%Dev	-----		
32 p	Hexane	0.632	0.581	8.1	98	0.00	7.93
33 P	1,1-dichloroethane	0.822	0.738	10.2	99	0.00	7.53
34 p	tert-butyl ethyl ether	1.238	1.136	8.2	99	0.00	8.33
35 p	isobutyl alcohol	0.031	0.041#	-32.3#	143	0.02	8.35
36 p	2,2-dichloropropane	0.641	0.617	3.7	101	0.00	8.39
37 p	cis-1,2-dichloroethene	0.548	0.544	0.7	107	0.00	8.10
38 p	ethyl acetate	0.310	0.223	28.1#	77	0.00	8.21
39 p	bromochloromethane	0.328	0.309	5.8	102	0.00	8.25
40 p	chloroform	0.861	0.799	7.2	103	0.00	8.29
41 S	dibromofluoromethane (s)	0.512	0.511	0.2	106	0.00	8.40
42 p	Tetrahydrofuran	0.107	0.094	12.1	95	0.00	8.61
43 p	1,1,1-trichloroethane	0.818	0.773	5.5	102	0.00	9.05
44 I	1,4-difluorobenzene	1.000	1.000	0.0	106	0.00	9.62
45 p	Cyclohexane	0.448	0.429	4.2	102	0.00	9.34
46 p	carbon tetrachloride	0.587	0.555	5.5	104	0.00	9.41
47 p	1,1-dichloropropene	0.409	0.374	8.6	98	0.00	9.22
48 p	benzene	1.226	1.113	9.2	103	0.00	9.42
49 p	1,2-dichloroethane	0.407	0.384	5.7	101	0.00	8.93
50 p	tert-amyl methyl ether	0.839	0.784	6.6	101	0.00	9.57
51 p	heptane	0.340	0.341	-0.3	105	0.00	9.93
52 p	trichloroethene	0.350	0.340	2.9	107	0.00	10.06
53 p	1,2-dichloropropane	0.288	0.281	2.4	103	0.00	10.01
54 p	dibromomethane	0.214	0.198	7.5	97	0.00	9.98
55 p	bromodichloromethane	0.416	0.396	4.8	100	0.00	10.09
56 p	Methylcyclohexane	0.528	0.506	4.2	102	0.00	10.59
57 p	2-chloroethyl vinyl ether	0.163	0.158	3.1	105	0.00	10.47
58 p	methyl methacrylate	0.155	0.142	8.4	97	0.00	10.18
		----- Amount	Calc.	%Drift	-----		
59 p	1,4-dioxane	250.000	220.984	11.6	86	0.00	10.19
		----- AvgRF	CCRF	%Dev	-----		
60 p	cis-1,3-dichloropropene	0.447	0.454	-1.6	109	0.00	10.72
61 S	toluene-d8 (s)	1.074	1.071	0.3	105	0.00	11.41
62 p	4-methyl-2-pentanone	0.242	0.227	6.2	98	0.00	10.80
63 p	toluene	0.744	0.686	7.8	102	0.00	11.48
64 p	trans-1,3-dichloropropene	0.387	0.363	6.2	101	0.00	11.13
65 p	1,1,2-trichloroethane	0.209	0.197	5.7	102	0.00	11.30
66 p	ethyl methacrylate	0.289	0.289	0.0	105	0.00	11.50
67 I	chlorobenzene-d5	1.000	1.000	0.0	106	0.00	12.87
		----- Amount	Calc.	%Drift	-----		
68 p	tetrachloroethene	50.000	49.185	1.6	103	0.00	12.24
		----- AvgRF	CCRF	%Dev	-----		
69 p	1,3-dichloropropane	0.826	0.851	-3.0	104	0.00	11.54
70 p	dibromochloromethane	0.868	0.873	-0.6	104	0.00	11.82
71 p	1,2-dibromoethane	0.655	0.641	2.1	104	0.00	12.07
72 p	2-hexanone	0.274	0.220	19.7	84	0.00	11.66
73 p	chlorobenzene	2.057	1.888	8.2	97	0.00	12.91
74 p	1,1,1,2-tetrachloroethane	0.994	1.037	-4.3	104	0.00	12.84

6.7.2
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Initial Calibration Verification

Page 3 of 3

Job Number: MC36792

Sample: MSK2667-ICV2666

Account: SUNOCOSS Sunoco

Lab FileID: K85191.D

Project: MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY

		Amount	Calc.	%Drift			
75 p	ethylbenzene	50.000	46.927	6.1	104	0.00	13.08
		AvgRF	CCRF	%Dev			
76 p	m,p-xylene	1.294	1.255	3.0	102	0.00	13.26
		Amount	Calc.	%Drift			
77 p	o-xylene	50.000	48.058	3.9	97	0.00	13.67
		AvgRF	CCRF	%Dev			
78 p	styrene	1.978	1.986	-0.4	102	0.00	13.60
79 P	bromoform	0.526	0.532	-1.1	104	0.00	13.42
80 p	cis-1,4-dichloro-2-butene	0.243	0.263	-8.2	107	0.00	13.51
		Amount	Calc.	%Drift			
81 p	trans-1,4-dichloro-2-bute	50.000	48.992	2.0	101	0.00	13.83
		AvgRF	CCRF	%Dev			
82 I	1,4-dichlorobenzene-d4	1.000	1.000	0.0	116	0.00	15.43
83 p	isopropylbenzene	3.210	2.775	13.6	97	0.00	14.04
84 S	bromofluorobenzene (s)	0.765	0.704	8.0	105	0.00	14.09
85 p	bromobenzene	0.885	0.798	9.8	104	0.00	14.32
86 P	1,1,2,2-tetrachloroethane	0.644	0.581	9.8	102	0.00	13.69
87 p	1,2,3-trichloropropane	0.684	0.618	9.6	103	0.00	13.83
88 p	n-propylbenzene	3.305	2.802	15.2	96	0.00	14.49
89 p	2-chlorotoluene	2.006	1.697	15.4	97	0.00	14.61
90 p	4-chlorotoluene	1.906	1.613	15.4	97	0.00	14.68
91 p	1,3,5-trimethylbenzene	2.747	2.516	8.4	107	0.00	14.76
92 p	tert-butylbenzene	1.470	1.255	14.6	98	0.00	15.06
93 p	1,2,4-trimethylbenzene	2.823	2.435	13.7	100	0.00	15.17
94 p	sec-butylbenzene	3.497	2.957	15.4	96	0.00	15.29
95 p	1,3-dichlorobenzene	1.636	1.397	14.6	99	0.00	15.40
96 p	p-isopropyltoluene	3.123	2.788	10.7	101	0.00	15.46
97 p	1,4-dichlorobenzene	1.599	1.373	14.1	99	0.00	15.46
98 p	1,2-dichlorobenzene	1.686	1.459	13.5	100	0.00	15.84
99 p	n-butylbenzene	2.484	2.282	8.1	103	0.00	15.88
100 p	1,2-dibromo-3-chloropropa	0.116	0.102	12.1	99	0.00	16.30
101 p	1,3,5-trichlorobenzene	1.473	1.274	13.5	99	0.00	17.12
102 p	1,2,4-trichlorobenzene	1.165	1.044	10.4	104	0.00	17.66
103 p	hexachlorobutadiene	0.535	0.505	5.6	111	0.00	17.95
104 p	naphthalene	2.250	1.821	19.1	94	0.00	17.90
105 p	1,2,3-trichlorobenzene	0.854	0.738	13.6	102	0.00	18.13
106 p	2-methylnaphthalene	0.720	0.890	-23.6#	148	0.00	19.24
107 p	1-methylnaphthalene	0.513	0.727	-41.7#	165	0.00	19.47

(#) = Out of Range

SPCC's out = 2 CCC's out = 0

k85151.D K150203S.M

Wed Feb 04 10:03:07 2015

Continuing Calibration Summary

Page 1 of 3

Job Number: MC36792

Sample: MSK2670-CC2666

Account: SUNOCOSS Sunoco

Lab FileID: K85338.D

Project: MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\data\150210\k85338.D

Vial: 3

Acq On : 10 Feb 2015 8:44 am

Operator: jaimem

Sample : cc2666-50

Inst : MSK

Misc : ms33827,msk2670,10,,100,10,1

Multiplr: 1.00

MS Integration Params: RTEINT.P

Method : C:\msdchem\1\methods\K150203S.M (RTE Integrator)

Title : SW-846 Method 8260

Last Update : Wed Feb 04 10:00:35 2015

Response via : Multiple Level Calibration

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

Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	Tert butyl alcohol-d9	1.000	1.000	0.0	90	0.00	6.41
2 p	tertiary butyl alcohol	1.340	1.289	3.8	87	0.00	6.49
3 p	Ethanol	0.137	0.140	-2.2	90	0.00	5.42
4 I	pentafluorobenzene	1.000	1.000	0.0	94	0.00	8.77
5 p	dichlorodifluoromethane	50.000	40.686	18.6	75	0.00	4.20
6 p	chloromethane	0.828	0.755	8.8	84	0.00	4.41
7 p	vinyl chloride	0.254	0.251	1.2	84	0.00	4.64
8 p	bromomethane	0.549	0.538	2.0	88	0.00	5.17
9 p	chloroethane	0.257	0.235	8.6	85	0.00	5.27
10 p	dichlorofluoromethane	0.685	0.651	5.0	91	0.00	5.32
11 p	ethyl ether	0.311	0.294	5.5	90	0.00	6.10
12 p	acetonitrile	0.080	0.079	1.3	92	0.00	5.90
13 p	trichlorofluoromethane	0.623	0.556	10.8	82	0.00	5.89
14 p	freon-113	0.242	0.233	3.7	91	0.00	6.66
15 p	acrolein	0.034	0.028#	17.6	80	0.00	5.85
16 p	1,1-dichloroethene	0.460	0.434	5.7	89	0.00	6.45
17 p	acetone	50.000	44.862	10.3	82	0.00	5.99
18 p	Methyl Acetate	0.412	0.390	5.3	88	0.00	6.60
19 p	methylene chloride	0.525	0.507	3.4	91	0.00	6.59
20 p	methyl tert butyl ether	1.064	0.999	6.1	89	0.00	7.38
21 p	acrylonitrile	0.143	0.140	2.1	90	0.00	6.48
22 p	allyl chloride	0.637	0.648	-1.7	92	0.00	6.68
23 p	trans-1,2-dichloroethene	0.538	0.505	6.1	93	0.00	7.26
24 p	iodomethane	1.114	1.128	-1.3	94	0.00	6.50
25 p	carbon disulfide	1.570	1.549	1.3	92	0.00	6.87
26 p	propionitrile	50.000	50.383	-0.8	91	0.00	7.50
27 p	vinyl acetate	0.415	0.391	5.8	87	0.00	7.59
28 p	chloroprene	0.614	0.567	7.7	88	0.00	7.88
29 p	di-isopropyl ether	1.343	1.291	3.9	91	0.00	7.94

Continuing Calibration Summary

Page 2 of 3

Job Number: MC36792

Sample: MSK2670-CC2666

Account: SUNOCOSS Sunoco

Lab FileID: K85338.D

Project: MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY

30 p	methacrylonitrile	0.213	0.194	8.9	87	0.00	8.01
		----- Amount	Calc.	%Drift	-----		
31 p	2-butanone	50.000	46.273	7.5	87	0.00	7.91
		----- AvgRF	CCRF	%Dev	-----		
32 p	Hexane	0.632	0.567	10.3	84	0.00	7.92
33 P	1,1-dichloroethane	0.822	0.790	3.9	93	0.00	7.52
34 p	tert-butyl ethyl ether	1.238	1.191	3.8	91	0.00	8.33
35 p	isobutyl alcohol	0.031	0.030#	3.2	91	0.00	8.33
36 p	2,2-dichloropropane	0.641	0.623	2.8	89	0.00	8.38
37 p	cis-1,2-dichloroethene	0.548	0.535	2.4	92	0.00	8.09
38 p	ethyl acetate	0.310	0.281	9.4	85	0.00	8.21
39 p	bromochloromethane	0.328	0.320	2.4	92	0.00	8.25
40 p	chloroform	0.861	0.818	5.0	92	0.00	8.28
41 S	dibromofluoromethane (s)	0.512	0.516	-0.8	94	0.00	8.40
42 p	Tetrahydrofuran	0.107	0.098	8.4	86	0.00	8.61
43 p	1,1,1-trichloroethane	0.818	0.780	4.6	90	0.00	9.04
44 I	1,4-difluorobenzene	1.000	1.000	0.0	94	0.00	9.62
45 p	Cyclohexane	0.448	0.412	8.0	86	0.00	9.34
46 p	carbon tetrachloride	0.587	0.538	8.3	88	0.00	9.40
47 p	1,1-dichloropropene	0.409	0.382	6.6	88	0.00	9.22
48 p	benzene	1.226	1.124	8.3	92	0.00	9.41
49 p	1,2-dichloroethane	0.407	0.372	8.6	86	0.00	8.92
50 p	tert-amyl methyl ether	0.839	0.813	3.1	92	0.00	9.56
51 p	heptane	0.340	0.301	11.5	81	0.00	9.93
52 p	trichloroethene	0.350	0.328	6.3	91	0.00	10.05
53 p	1,2-dichloropropane	0.288	0.275	4.5	89	0.00	10.01
54 p	dibromomethane	0.214	0.201	6.1	87	0.00	9.98
55 p	bromodichloromethane	0.416	0.401	3.6	89	0.00	10.09
56 p	Methylcyclohexane	0.528	0.487	7.8	86	0.00	10.59
57 p	2-chloroethyl vinyl ether	0.163	0.135	17.2	79	0.00	10.46
58 p	methyl methacrylate	0.155	0.147	5.2	88	0.00	10.18
		----- Amount	Calc.	%Drift	-----		
59 p	1,4-dioxane	250.000	232.207	7.1	81	0.00	10.18
		----- AvgRF	CCRF	%Dev	-----		
60 p	cis-1,3-dichloropropene	0.447	0.427	4.5	90	0.00	10.72
61 S	toluene-d8 (s)	1.074	1.087	-1.2	94	0.00	11.41
62 p	4-methyl-2-pentanone	0.242	0.223	7.9	84	0.00	10.80
63 p	toluene	0.744	0.689	7.4	90	0.00	11.48
64 p	trans-1,3-dichloropropene	0.387	0.360	7.0	88	0.00	11.13
65 p	1,1,2-trichloroethane	0.209	0.197	5.7	90	0.00	11.30
66 p	ethyl methacrylate	0.289	0.274	5.2	88	0.00	11.50
67 I	chlorobenzene-d5	1.000	1.000	0.0	94	0.00	12.87
		----- Amount	Calc.	%Drift	-----		
68 p	tetrachloroethene	50.000	48.040	3.9	89	0.00	12.24
		----- AvgRF	CCRF	%Dev	-----		
69 p	1,3-dichloropropane	0.826	0.814	1.5	89	0.00	11.54
70 p	dibromochloromethane	0.868	0.847	2.4	90	0.00	11.82
71 p	1,2-dibromoethane	0.655	0.624	4.7	90	0.00	12.07
72 p	2-hexanone	0.274	0.258	5.8	87	0.00	11.65
73 p	chlorobenzene	2.057	1.985	3.5	91	0.00	12.91
74 p	1,1,1,2-tetrachloroethane	0.994	1.031	-3.7	92	0.00	12.83

6.7.3
6

Continuing Calibration Summary

Page 3 of 3

Job Number: MC36792

Sample: MSK2670-CC2666

Account: SUNOCOSS Sunoco

Lab FileID: K85338.D

Project: MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY

		Amount	Calc.	%Drift			
75 p	ethylbenzene	50.000	48.915	2.2	90	0.00	13.08
		AvgRF	CCRF	%Dev			
76 p	m,p-xylene	1.294	1.251	3.3	91	0.00	13.26
		Amount	Calc.	%Drift			
77 p	o-xylene	50.000	49.756	0.5	89	0.00	13.68
		AvgRF	CCRF	%Dev			
78 p	styrene	1.978	1.979	-0.1	91	0.00	13.60
79 P	bromoform	0.526	0.521	1.0	91	0.00	13.42
80 p	cis-1,4-dichloro-2-butene	0.243	0.239	1.6	86	0.00	13.51
		Amount	Calc.	%Drift			
81 p	trans-1,4-dichloro-2-bute	50.000	49.830	0.3	91	0.00	13.83
		AvgRF	CCRF	%Dev			
82 I	1,4-dichlorobenzene-d4	1.000	1.000	0.0	103	0.00	15.43
83 p	isopropylbenzene	3.210	2.868	10.7	89	0.00	14.04
84 S	bromofluorobenzene (s)	0.765	0.723	5.5	96	0.00	14.09
85 p	bromobenzene	0.885	0.783	11.5	91	0.00	14.33
86 P	1,1,2,2-tetrachloroethane	0.644	0.577	10.4	89	0.00	13.69
87 p	1,2,3-trichloropropane	0.684	0.611	10.7	90	0.00	13.83
88 p	n-propylbenzene	3.305	2.949	10.8	89	0.00	14.49
89 p	2-chlorotoluene	2.006	1.788	10.9	90	0.00	14.61
90 p	4-chlorotoluene	1.906	1.683	11.7	89	0.00	14.68
91 p	1,3,5-trimethylbenzene	2.747	2.416	12.0	91	0.00	14.76
92 p	tert-butylbenzene	1.470	1.268	13.7	88	0.00	15.07
93 p	1,2,4-trimethylbenzene	2.823	2.455	13.0	90	0.00	15.17
94 p	sec-butylbenzene	3.497	3.100	11.4	89	0.00	15.29
95 p	1,3-dichlorobenzene	1.636	1.467	10.3	93	0.00	15.40
96 p	p-isopropyltoluene	3.123	2.797	10.4	90	0.00	15.46
97 p	1,4-dichlorobenzene	1.599	1.461	8.6	94	0.00	15.46
98 p	1,2-dichlorobenzene	1.686	1.529	9.3	93	0.00	15.84
99 p	n-butylbenzene	2.484	2.215	10.8	88	0.00	15.88
100 p	1,2-dibromo-3-chloropropa	0.116	0.096	17.2	82	0.00	16.30
101 p	1,3,5-trichlorobenzene	1.473	1.350	8.4	93	0.00	17.12
102 p	1,2,4-trichlorobenzene	1.165	1.023	12.2	90	0.00	17.66
103 p	hexachlorobutadiene	0.535	0.458	14.4	90	0.00	17.95
104 p	naphthalene	2.250	1.897	15.7	87	0.00	17.91
105 p	1,2,3-trichlorobenzene	0.854	0.687	19.6	84	0.00	18.13
106 p	2-methylnaphthalene	0.720	0.235	67.4#	34#	0.00	19.24
107 p	1-methylnaphthalene	0.513	0.119	76.8#	24#	0.00	19.47

(#) = Out of Range

k85151.D K150203S.M

SPCC's out = 2 CCC's out = 0

Tue Feb 10 09:19:48 2015

Initial Calibration Summary

Job Number: MC36792 Sample: MSU1085-ICC1085
Account: SUNOCOSS Sunoco Lab FileID: U25642.D
Project: MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY

Response Factor Report MSU

Method : D:\msdchem\1\methods\U150115w.m (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration

Calibration Files

0.5 =U25636.D 1 =U25637.D 2 =U25638.D 5 =U25639.D
10 =U25640.D 25 =U25641.D 50 =U25642.D 100 =U25643.D
200 =U25644.D 400 =U25645.D = =

Compound	0.5	1	2	5	10	25	50	100	200	400	Avg	%RSD
1) I tert butyl alcohol-d9 -----ISTD-----												
2) tertiary butyl alcohol												
	0.395	1.292	1.272	1.265	1.284	1.403	1.283	1.326	1.190		27.27	
---- Linear regression ---- Coefficient = 0.9988												
Response Ratio = -0.02551 + 1.32998 *A												
3) Ethanol												
	0.068	0.106	0.092	0.070	0.081	0.077	0.100	0.073	0.083		17.15	
4) I pentafluorobenzene -----ISTD-----												
5) dichlorodifluoromethane												
	1.002	0.946	0.903	0.895	0.876	0.889	0.782	1.185	0.935		12.71	
6) chloromethane												
	0.719	0.792	0.802	0.818	0.792	0.792	0.778	0.713	1.026	0.804	11.32	
7) vinyl chloride												
	0.560	0.717	0.702	0.698	0.691	0.683	0.707	0.638	0.927	0.702	13.83	
8) bromomethane												
	0.596	0.507	0.508	0.495	0.463	0.451	0.465	0.442	0.587	0.502	11.20	
9) chloroethane												
	0.178	0.247	0.251	0.261	0.249	0.258	0.262	0.254		0.245	11.30	
10) ethyl ether												
	0.303	0.313	0.313	0.317	0.322	0.292	0.326	0.312			3.71	
11) acetonitrile												
	0.095	0.056	0.047	0.052	0.044	0.044	0.055	0.056			31.76	
---- Quadratic regression ---- Coefficient = 0.9969												
Response Ratio = 0.00541 + 0.03700 *A + 0.00210 *A^2												
12) trichlorofluoromethane												
	0.663	0.872	0.925	1.011	1.027	1.003	1.047	1.011		0.945	13.53	
13) freon-113												
	0.611	0.577	0.587	0.602	0.615	0.606	0.794	0.628			11.89	
14) acrolein												
								0.000#			-1.00	
---- Quadratic regression ---- Coefficient = 0.1189												
Response Ratio = 0.00000 + 0.00000 *A + 0.00000 *A^2												
15) 1,1-dichloroethene												
	0.562	0.503	0.548	0.481	0.497	0.479	0.490	0.516	0.545	0.513	6.06	
16) acetone												
	0.040	0.029	0.029	0.022	0.031	0.029	0.030#				19.87	
17) Methyl Acetate												
	0.792	0.557	0.543	0.557	0.551	0.477	0.759	0.605			19.82	
18) methylene chloride												
	0.456	0.449	0.511	0.485	0.488	0.477	0.486	0.497	0.579	0.492	7.73	

Initial Calibration Summary

Job Number: MC36792

Sample: MSU1085-ICC1085

Account: SUNOCOSS Sunoco

Lab FileID: U25642.D

Project: MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY

19)	methyl tert butyl ether	1.147	1.015	1.203	1.198	1.157	1.173	1.210	1.082	1.494	1.187	11.10
20)	acrylonitrile	0.175	0.163	0.162	0.178	0.164	0.149	0.241	0.176			17.18
21)	allyl chloride	0.952	0.678	0.666	0.703	0.688	0.635	0.788	0.730			14.91
22)	trans-1,2-dichloroethene	0.531	0.425	0.499	0.458	0.440	0.450	0.449	0.419	0.530	0.467	9.16
23)	iodomethane	1.134	1.064	1.090	1.076	1.101	1.099	1.279	1.120			6.53
24)	carbon disulfide	1.776	1.617	1.709	1.631	1.676	1.731	1.837	1.711			4.58
25)	propionitrile	0.035	0.036	0.035	0.034	0.037	0.031	0.044	0.036#			10.94
26)	vinyl acetate	0.542	0.485	0.493	0.509	0.530	0.490	0.587	0.519			7.05
27)	chloroprene	0.628	0.600	0.603	0.613	0.622	0.570	0.670	0.615			4.99
28)	di-isopropyl ether	1.072	1.270	1.232	1.213	1.231	1.273	1.177	1.455	1.241		8.67
29)	methacrylonitrile	0.291	0.303	0.269	0.274	0.285	0.259	0.371	0.293			12.69
30)	2-butanone	0.031	0.056	0.061	0.062	0.063	0.055		0.055#			21.79
---- Quadratic regression ---- Coefficient = 0.9995 Response Ratio = -0.00369 + 0.07118 *A + -0.00371 *A^2												
31)	Ethyl Acetate	1.192	1.149	1.154	1.177	1.155	1.122	1.301	1.178			4.96
32)	Hexane	0.666	0.658	0.611	0.634	0.630	0.610	0.618	0.632			3.52
33)	1,1-dichloroethane	0.619	0.607	0.753	0.726	0.703	0.716	0.729	0.674	0.832	0.707	9.70
34)	tert-butyl ethyl ether	1.053	1.315	1.300	1.263	1.297	1.342	1.221	1.589	1.297		11.43
35)	isobutyl alcohol	0.047	0.057	0.046	0.048	0.048	0.037		0.047#			13.60
36)	2,2-dichloropropane	0.565	0.543	0.499	0.523	0.520	0.437	0.693	0.540			14.52
37)	cis-1,2-dichloroethene	0.581	0.485	0.529	0.516	0.488	0.496	0.503	0.452	0.598	0.516	9.08
38)	bromochloromethane	0.264	0.259	0.319	0.315	0.303	0.314	0.323	0.289	0.395	0.309	12.91
39)	chloroform	0.722	0.725	0.839	0.793	0.774	0.788	0.804	0.717	0.922	0.787	8.35
40)	dibromofluoromethane (s)	0.518	0.557	0.520	0.543	0.557	0.533	0.546	0.543	0.476	0.651	8.17
41)	Tetrahydrofuran	0.199	0.172	0.149	0.146	0.145	0.132	0.207	0.164			17.77
42)	1,1,1-trichloroethane	0.707	0.670	0.794	0.768	0.757	0.776	0.789	0.752	0.982	0.777	11.14
43) I	1,4-difluorobenzene	-----ISTD-----										
44)	Cyclohexane	0.534	0.490	0.495	0.494	0.498	0.519	0.554	0.512			4.77
45)	carbon tetrachloride	0.473	0.462	0.537	0.485	0.513	0.507	0.514	0.513	0.539	0.505	5.26
46)	1,1-dichloropropene	0.398	0.365	0.367	0.367	0.368	0.353	0.348	0.366			4.35
47)	benzene											

Initial Calibration Summary

Job Number: MC36792 Sample: MSU1085-ICC1085
 Account: SUNOCOSS Sunoco Lab FileID: U25642.D
 Project: MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY

	0.891	0.941	0.900	1.052	0.974	0.998	0.986	0.999	0.966	1.008	0.971	5.11
48) 1,2-dichloroethane												
	0.343	0.347	0.430	0.434	0.439	0.393	0.434	0.366	0.442	0.403	10.26	
49) tert-amyl methyl ether												
	0.678	0.799	0.858	0.799	0.780	0.789	0.735	0.837	0.784	7.22		
50) heptane												
	0.333	0.306	0.313	0.319	0.315	0.336	0.284	0.315	5.58			
51) trichloroethene												
	0.314	0.315	0.304	0.350	0.340	0.329	0.325	0.331	0.325	0.345	0.328	4.40
52) 1,2-dichloropropane												
	0.215	0.204	0.254	0.239	0.245	0.246	0.257	0.256	0.268	0.243	8.53	
53) dibromomethane												
	0.158	0.175	0.212	0.207	0.207	0.203	0.205	0.196	0.218	0.198	9.73	
54) bromodichloromethane												
	0.374	0.341	0.421	0.399	0.413	0.409	0.422	0.403	0.440	0.402	7.26	
55) Methylcyclohexane												
	0.492	0.455	0.455	0.464	0.466	0.490	0.527	0.478	5.46			
56) 2-chloroethyl vinyl ether												
	0.027	0.035	0.039	0.034	0.051	0.051	0.047	0.041#	22.59			
---- Linear regression ---- Coefficient = 0.9968												
Response Ratio = -0.00272 + 0.04845 *A												
57) methyl methacrylate												
	0.142	0.139	0.146	0.146	0.157	0.170	0.189	0.156	11.60			
58) 1,4-dioxane												
								0.000#	-1.00			
59) cis-1,3-dichloropropene												
	0.297	0.318	0.316	0.396	0.373	0.406	0.399	0.417	0.428	0.454	0.380	13.94
60) toluene-d8 (s)												
	0.949	0.956	0.936	0.961	0.973	0.982	1.005	1.022	1.075	1.131	0.999	6.20
61) 4-methyl-2-pentanone												
	0.394	0.329	0.258	0.264	0.278	0.264	0.357	0.306	17.62			
62) toluene												
	0.521	0.472	0.596	0.567	0.595	0.608	0.637	0.660	0.685	0.594	11.26	
63) trans-1,3-dichloropropene												
	0.260	0.260	0.237	0.334	0.301	0.327	0.333	0.348	0.300	14.04		
64) 1,1,2-trichloroethane												
	0.145	0.148	0.180	0.171	0.179	0.182	0.190	0.202	0.220	0.180	13.34	
65) ethyl methacrylate												
	0.249	0.248	0.251	0.264	0.278	0.295	0.340	0.275	12.19			
66) I chlorobenzene-d5	-----ISTD-----											
67) tetrachloroethene												
	0.596	0.739	0.805	0.876	0.806	0.836	0.781	0.826	0.817	0.766	0.785	9.74
68) 1,3-dichloropropane												
	0.841	0.788	0.840	0.809	0.857	0.856	0.856	0.835	3.23			
69) dibromochloromethane												
	0.765	0.779	0.783	0.956	0.901	0.945	0.895	0.952	0.928	0.941	0.885	8.78
70) 1,2-dibromoethane												
	0.526	0.569	0.709	0.663	0.683	0.648	0.679	0.683	0.698	0.651	9.54	
71) 2-hexanone												
	0.426	0.434	0.405	0.369	0.369	0.382	0.483	0.410	10.15			
72) chlorobenzene												
	1.839	1.707	2.021	1.892	1.975	1.885	2.016	2.005	1.974	1.924	5.41	
73) 1,1,1,2-tetrachloroethane												
	0.853	0.970	0.947	0.935	0.890	0.938	0.848	0.904	0.911	4.89		
74) ethylbenzene												
	2.918	2.744	3.028	2.914	2.958	2.822	2.989	2.928	2.889	2.910	2.94	
75) m,p-xylene												
	1.169	1.103	1.068	1.250	1.212	1.226	1.183	1.277	1.242	1.223	1.195	5.51

Initial Calibration Summary

Page 4 of 5

Job Number: MC36792 **Sample:** MSU1085-ICC1085
Account: SUNOCOSS Sunoco **Lab FileID:** U25642.D
Project: MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY

76)	o-xylene	1.247	1.215	1.196	1.378	1.353	1.372	1.309	1.397	1.307	1.334	1.311	5.37
77)	styrene	1.756	1.689	1.937	1.875	1.856	1.823	1.980	2.021	2.038	1.886	6.31	
78)	bromoform	0.457	0.476	0.564	0.561	0.558	0.554	0.588	0.599	0.643	0.556	10.40	
79)	trans-1,4-dichloro-2-butene	0.211	0.214	0.193	0.186	0.182	0.189	0.190	0.195	6.38			
80)	I 1,4-dichlorobenzene-d -----ISTD-----												
81)	isopropylbenzene	2.711	2.626	2.816	2.815	2.902	2.595	2.823	2.756	4.13			
82)	bromofluorobenzene (s)	0.700	0.684	0.708	0.701	0.700	0.721	0.739	0.742	0.739	0.803	0.724	4.74
83)	bromobenzene	0.720	0.696	0.730	0.745	0.770	0.745	0.804	0.744	4.69			
84)	1,1,2,2-tetrachloroethane	0.503	0.578	0.543	0.644	0.597	0.637	0.639	0.647	0.538	0.658	0.598	9.21
85)	1,2,3-trichloropropane	0.674	0.644	0.656	0.647	0.643	0.602	0.684	0.650	4.07			
86)	n-propylbenzene	2.901	2.793	2.926	2.919	2.958	2.805	2.960	2.895	2.37			
87)	2-chlorotoluene	1.836	1.754	1.850	1.827	1.907	1.748	1.890	1.830	3.35			
88)	4-chlorotoluene	1.768	1.650	1.713	1.720	1.784	1.747	1.827	1.744	3.25			
89)	1,3,5-trimethylbenzene	2.024	2.089	2.410	2.374	2.519	2.569	2.681	2.512	2.637	2.424	9.51	
90)	tert-butylbenzene	1.333	1.245	1.473	1.508	1.567	1.473	1.534	1.448	8.01			
91)	1,2,4-trimethylbenzene	2.207	2.242	2.510	2.461	2.600	2.647	2.753	2.597	2.649	2.518	7.40	
92)	sec-butylbenzene	3.114	3.038	3.311	3.406	3.474	3.335	3.391	3.295	4.87			
93)	1,3-dichlorobenzene	1.330	1.273	1.516	1.389	1.477	1.473	1.518	1.498	1.485	1.440	6.12	
94)	p-isopropyltoluene	2.953	2.804	3.024	3.106	3.163	3.042	2.953	3.006	3.91			
95)	1,4-dichlorobenzene	1.435	1.341	1.576	1.491	1.551	1.526	1.547	1.464	1.400	1.481	5.28	
96)	1,2-dichlorobenzene	1.376	1.417	1.687	1.629	1.660	1.658	1.710	1.597	1.558	1.588	7.45	
97)	n-butylbenzene	2.612	2.455	2.490	2.532	2.493	2.413	2.403	2.485	2.90			
98)	1,2-dibromo-3-chloropropane	0.146	0.196	0.180	0.173	0.167	0.174	0.167	0.153	0.146	0.167	9.92	
99)	1,3,5-trichlorobenzene	1.672	1.545	1.594	1.562	1.481	1.301	1.267	1.489	10.16			
100)	1,2,4-trichlorobenzene	1.471	1.417	1.704	1.559	1.601	1.555	1.451	1.206	1.162	1.458	12.20	
101)	hexachlorobutadiene	0.617	0.537	0.610	0.628	0.595	0.542	0.564	0.585	6.33			
102)	naphthalene	4.517	4.232	4.322	4.347	4.244	3.441	3.080	4.026	13.44			
103)	2-Methylnaphthalene	2.682	2.538	2.605	2.640	2.593	2.091	1.802	2.422	13.96			
104)	1-Methylnaphthalene	2.041	1.953	2.006	2.011	1.980	1.579	1.361	1.847	14.43			
105)	1,2,3-trichlorobenzene	1.646	1.557	1.571	1.517	1.437	1.168	1.483	11.38				

6.7.4
6

Initial Calibration Summary

Job Number: MC36792

Account: SUNOCOSS Sunoco

Project: MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY

Sample: MSU1085-ICC1085

Lab FileID: U25642.D

(#) = Out of Range ### Number of calibration levels exceeded format ###

U150115w.m Fri Jan 16 15:22:09 2015

Initial Calibration Verification

Page 1 of 3

Job Number: MC36792

Sample: MSU1085-ICV1085

Account: SUNOCOSS Sunoco

Lab FileID: U25649.D

Project: MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY

Evaluate Continuing Calibration Report

Data File : D:\msdchem\1\data\U150115\U25649.D Vial: 32
 Acq On : 15 Jan 2015 11:21 pm Operator: GaryK
 Sample : icv1085-50 Inst : MSU
 Misc : ms33699,msu1085,,,,,5,1 Multiplr: 1.00
 MS Integration Params: RTEINT.P

Method : D:\msdchem\1\methods\U150115w.m (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri Jan 16 15:13:47 2015
 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	54	0.03	6.71
	----- Amount Calc. %Drift -----						
2 P	tertiary butyl alcohol	500.000	527.123	-5.4	58	0.02	6.78
	----- AvgRF CCRF %Dev -----						
3 P	Ethanol	0.083	0.085	-2.4	56	-0.03	5.71
4 I	pentafluorobenzene	1.000	1.000	0.0	99	0.00	8.96
5 P	dichlorodifluoromethane	0.935	0.844	9.7	96	0.00	4.33
6 P	chloromethane	0.804	0.836	-4.0	105	0.00	4.56
7 P	vinyl chloride	0.702	0.717	-2.1	104	0.00	4.81
8 P	bromomethane	0.502	0.499	0.6	110	0.00	5.28
9 P	chloroethane	0.245	0.281	-14.7	108	0.00	5.40
10 P	ethyl ether	0.312	0.327	-4.8	102	0.00	6.28
	----- Amount Calc. %Drift -----						
11 P	acetonitrile	50.000	47.098	5.8	81	0.00	6.10
	----- AvgRF CCRF %Dev -----						
12 P	trichlorofluoromethane	0.945	1.056	-11.7	104	0.00	6.08
13 P	freon-113	0.628	0.619	1.4	102	0.00	6.83
	----- Amount Calc. %Drift -----						
14 P	acrolein			NA			
	----- AvgRF CCRF %Dev -----						
15 P	1,1-dichloroethene	0.513	0.478	6.8	99	0.00	6.63
16 P	acetone	0.030	0.026#	13.3	87	-0.09	6.18
17 P	Methyl Acetate	0.605	0.383	36.7#	68	0.02	6.86
18 P	methylene chloride	0.492	0.493	-0.2	103	0.00	6.77
19 P	methyl tert butyl ether	1.187	1.232	-3.8	104	0.00	7.56
20 P	acrylonitrile	0.176	0.150	14.8	84	0.02	6.73
21 P	allyl chloride	0.730	0.676	7.4	95	0.00	6.87
22 P	trans-1,2-dichloroethene	0.467	0.472	-1.1	104	0.00	7.45
23 P	iodomethane	1.120	1.097	2.1	101	0.00	6.68
24 P	carbon disulfide	1.711	1.578	7.8	96	0.00	7.06
25 P	propionitrile	0.036	0.033#	8.3	97	0.00	8.07
26 P	vinyl acetate	0.519	0.820	-58.0#	160	0.00	7.82
27 P	chloroprene	0.615	0.552	10.2	89	0.00	8.07
28 P	di-isopropyl ether	1.241	1.268	-2.2	102	0.00	8.11
29 P	methacrylonitrile	0.293	0.260	11.3	94	0.00	8.24

Initial Calibration Verification

Job Number: MC36792

Sample: MSU1085-ICV1085

Account: SUNOCOSS Sunoco

Lab FileID: U25649.D

Project: MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY

		Amount	Calc.	%Drift			
30 P	2-butanone	50.000	45.584	8.8	93	0.00	8.16
		AvgRF	CCRF	%Dev			
31 P	Ethyl Acetate	1.178	1.103	6.4	93	0.00	8.11
32 P	Hexane	0.632	0.599	5.2	94	0.00	8.09
33 P	1,1-dichloroethane	0.707	0.698	1.3	97	0.00	7.70
34 P	tert-butyl ethyl ether	1.297	1.284	1.0	98	0.00	8.51
35 P	isobutyl alcohol	0.047	0.047#	0.0	98	0.02	8.53
36 P	2,2-dichloropropane	0.540	0.505	6.5	96	0.00	8.57
37 P	cis-1,2-dichloroethene	0.516	0.523	-1.4	105	0.00	8.27
38 P	bromochloromethane	0.309	0.315	-1.9	100	0.00	8.44
39 P	chloroform	0.787	0.782	0.6	98	0.00	8.48
40 S	dibromofluoromethane (s)	0.544	0.545	-0.2	99	0.00	8.60
41 P	Tetrahydrofuran	0.164	0.120	26.8#	82	0.01	8.85
42 P	1,1,1-trichloroethane	0.777	0.764	1.7	98	0.00	9.23
43 I	1,4-difluorobenzene	1.000	1.000	0.0	97	0.00	9.83
44 P	Cyclohexane	0.512	0.509	0.6	100	0.00	9.52
45 P	carbon tetrachloride	0.505	0.512	-1.4	98	0.00	9.59
46 P	1,1-dichloropropene	0.366	0.350	4.4	92	0.00	9.40
47 P	benzene	0.971	1.014	-4.4	100	0.00	9.62
48 P	1,2-dichloroethane	0.403	0.378	6.2	93	0.00	9.13
49 P	tert-amyl methyl ether	0.784	0.826	-5.4	103	0.00	9.75
50 P	heptane	0.315	0.328	-4.1	100	0.00	10.11
51 P	trichloroethene	0.328	0.341	-4.0	102	0.00	10.25
52 P	1,2-dichloropropane	0.243	0.247	-1.6	97	0.00	10.21
53 P	dibromomethane	0.198	0.187	5.6	89	0.00	10.19
54 P	bromodichloromethane	0.402	0.389	3.2	92	0.00	10.30
55 P	Methylcyclohexane	0.478	0.486	-1.7	101	0.00	10.76
		Amount	Calc.	%Drift			
56 P	2-chloroethyl vinyl ether	50.000	18.765	62.5#	44	0.00	10.69
		AvgRF	CCRF	%Dev			
57 P	methyl methacrylate	0.156	0.128	17.9	85	0.01	10.41
58 P	1,4-dioxane			NA			
59 P	cis-1,3-dichloropropene	0.380	0.380	0.0	92	0.00	10.92
60 S	toluene-d8 (s)	0.999	0.974	2.5	94	0.00	11.62
61 P	4-methyl-2-pentanone	0.306	0.266	13.1	98	0.02	11.05
62 P	toluene	0.594	0.584	1.7	93	0.00	11.70
63 P	trans-1,3-dichloropropene	0.300	0.285	5.0	83	0.00	11.34
64 P	1,1,2-trichloroethane	0.180	0.164	8.9	87	0.00	11.52
65 P	ethyl methacrylate	0.275	0.252	8.4	93	0.00	11.73
66 I	chlorobenzene-d5	1.000	1.000	0.0	91	0.00	13.08
67 P	tetrachloroethene	0.785	0.792	-0.9	92	0.00	12.44
68 P	1,3-dichloropropane	0.835	0.768	8.0	86	0.00	11.75
69 P	dibromochloromethane	0.885	0.876	1.0	89	0.00	12.04
70 P	1,2-dibromoethane	0.651	0.610	6.3	85	0.00	12.29
71 P	2-hexanone	0.410	0.395	3.7	97	0.01	11.90
72 P	chlorobenzene	1.924	1.784	7.3	86	0.00	13.12
73 P	1,1,1,2-tetrachloroethane	0.911	1.005	-10.3	102	0.00	13.04
74 P	ethylbenzene	2.910	2.950	-1.4	95	0.00	13.29
75 P	m,p-xylene	1.195	1.207	-1.0	92	0.00	13.48
76 P	o-xylene	1.311	1.368	-4.3	95	0.00	13.89
77 P	styrene	1.886	1.824	3.3	91	0.00	13.82
78 P	bromoform	0.556	0.527	5.2	86	0.00	13.65
79 P	trans-1,4-dichloro-2-bute	0.195	0.170	12.8	83	0.00	14.05

Initial Calibration Verification

Page 3 of 3

Job Number: MC36792

Sample: MSU1085-ICV1085

Account: SUNOCOSS Sunoco

Lab FileID: U25649.D

Project: MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY

80	I	1,4-dichlorobenzene-d4	1.000	1.000	0.0	93	0.00	15.65
81	P	isopropylbenzene	2.756	2.884	-4.6	96	0.00	14.26
82	S	bromofluorobenzene (s)	0.724	0.711	1.8	90	0.00	14.31
83	P	bromobenzene	0.744	0.719	3.4	90	0.00	14.54
84	P	1,1,2,2-tetrachloroethane	0.598	0.638	-6.7	93	0.00	13.90
85	P	1,2,3-trichloropropane	0.650	0.643	1.1	93	0.00	14.05
86	P	n-propylbenzene	2.895	2.853	1.5	91	0.00	14.70
87	P	2-chlorotoluene	1.830	1.825	0.3	93	0.00	14.82
88	P	4-chlorotoluene	1.744	1.626	6.8	88	0.00	14.90
89	P	1,3,5-trimethylbenzene	2.424	2.812	-16.0	102	0.00	14.98
90	P	tert-butylbenzene	1.448	1.481	-2.3	92	0.00	15.28
91	P	1,2,4-trimethylbenzene	2.518	2.747	-9.1	97	0.00	15.39
92	P	sec-butylbenzene	3.295	3.484	-5.7	95	0.00	15.51
93	P	1,3-dichlorobenzene	1.440	1.428	0.8	90	0.00	15.61
94	P	p-isopropyltoluene	3.006	3.297	-9.7	99	0.00	15.68
95	P	1,4-dichlorobenzene	1.481	1.440	2.8	88	0.00	15.68
96	P	1,2-dichlorobenzene	1.588	1.661	-4.6	93	0.00	16.04
97	P	n-butylbenzene	2.485	2.717	-9.3	100	0.00	16.10
98	P	1,2-dibromo-3-chloropropa	0.167	0.165	1.2	89	0.00	16.53
99	P	1,3,5-trichlorobenzene	1.489	1.554	-4.4	93	0.00	17.34
100	P	1,2,4-trichlorobenzene	1.458	1.679	-15.2	101	0.00	17.87
101	P	hexachlorobutadiene	0.585	0.634	-8.4	94	0.00	18.16
102	P	naphthalene	4.026	4.322	-7.4	93	0.00	18.14
103	P	2-Methylnaphthalene	2.422	3.143	-29.8#	111	0.00	19.50
104	P	1-Methylnaphthalene	1.847	2.603	-40.9#	121	0.00	19.75
105	P	1,2,3-trichlorobenzene	1.483	1.709	-15.2	105	0.00	18.35

(#) = Out of Range

U25642.D U150115w.m

SPCC's out = 4 CCC's out = 0

Fri Jan 16 15:21:22 2015

Continuing Calibration Summary

Page 1 of 3

Job Number: MC36792

Sample: MSU1100-CC1085

Account: SUNOCOSS Sunoco

Lab FileID: U26140.D

Project: MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY

Evaluate Continuing Calibration Report

Data File : D:\msdchem\1\data\U150210\U26140.D Vial: 3
 Acq On : 10 Feb 2015 10:13 am Operator: GaryK
 Sample : cc1085-50 Inst : MSU
 Misc : ms33837,msu1100,,,,,5,1 Multiplr: 1.00
 MS Integration Params: RTEINT.P

Method : D:\msdchem\1\methods\U150115w.m (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri Jan 16 15:13:47 2015
 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	74	0.04	6.73
	----- Amount Calc. %Drift -----						
2 P	tertiary butyl alcohol	500.000	558.453	-11.7	84	0.04	6.80
	----- AvgRF CCRF %Dev -----						
3 P	Ethanol	0.083	0.097	-16.9	88	0.00	5.74
4 I	pentafluorobenzene	1.000	1.000	0.0	91	0.00	8.96
5 P	dichlorodifluoromethane	0.935	0.674	27.9#	70	-0.01	4.32
6 P	chloromethane	0.804	0.870	-8.2	99	0.00	4.55
7 P	vinyl chloride	0.702	0.775	-10.4	103	0.00	4.80
8 P	bromomethane	0.502	0.491	2.2	99	0.00	5.28
9 P	chloroethane	0.245	0.318	-29.8#	111	0.00	5.40
10 P	ethyl ether	0.312	0.316	-1.3	90	-0.01	6.27
	----- Amount Calc. %Drift -----						
11 P	acetonitrile	50.000	56.690	-13.4	87	0.00	6.10
	----- AvgRF CCRF %Dev -----						
12 P	trichlorofluoromethane	0.945	1.007	-6.6	91	0.00	6.09
13 P	freon-113	0.628	0.650	-3.5	98	0.00	6.84
	----- Amount Calc. %Drift -----						
14 P	acrolein	250.000	0.000	100.0#	0	-0.02	6.05
	----- AvgRF CCRF %Dev -----						
15 P	1,1-dichloroethene	0.513	0.531	-3.5	100	0.00	6.64
16 P	acetone	0.030	0.031#	-3.3	97	-0.09	6.17
17 P	Methyl Acetate	0.605	0.499	17.5	81	0.06	6.89
18 P	methylene chloride	0.492	0.573	-16.5	109	0.00	6.78
19 P	methyl tert butyl ether	1.187	1.414	-19.1	109	0.02	7.57
20 P	acrylonitrile	0.176	0.203	-15.3	103	0.07	6.78
21 P	allyl chloride	0.730	0.753	-3.2	97	0.00	6.87
22 P	trans-1,2-dichloroethene	0.467	0.484	-3.6	97	0.00	7.46
23 P	iodomethane	1.120	1.166	-4.1	98	0.00	6.69
24 P	carbon disulfide	1.711	1.848	-8.0	103	0.00	7.07
25 P	propionitrile	0.036	0.036#	0.0	97	0.00	8.06
26 P	vinyl acetate	0.519	0.948	-82.7#	169	0.01	7.82
27 P	chloroprene	0.615	0.651	-5.9	96	0.00	8.07
28 P	di-isopropyl ether	1.241	1.413	-13.9	104	0.00	8.10
29 P	methacrylonitrile	0.293	0.338	-15.4	112	0.00	8.23

Continuing Calibration Summary

Page 2 of 3

Job Number: MC36792

Sample: MSU1100-CC1085

Account: SUNOCOSS Sunoco

Lab FileID: U26140.D

Project: MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY

		Amount	Calc.	%Drift			
30 P	2-butanone	50.000	40.843	18.3	76	-0.03	8.13
		AvgRF	CCRF	%Dev			
31 P	Ethyl Acetate	1.178	1.357	-15.2	104	0.00	8.12
32 P	Hexane	0.632	0.626	0.9	89	0.00	8.09
33 P	1,1-dichloroethane	0.707	0.820	-16.0	104	0.00	7.71
34 P	tert-butyl ethyl ether	1.297	1.531	-18.0	107	0.00	8.50
35 P	isobutyl alcohol	0.047	0.058	-23.4#	111	0.02	8.53
36 P	2,2-dichloropropane	0.540	0.566	-4.8	98	0.00	8.57
37 P	cis-1,2-dichloroethene	0.516	0.561	-8.7	102	0.00	8.28
38 P	bromochloromethane	0.309	0.328	-6.1	94	0.01	8.45
39 P	chloroform	0.787	0.904	-14.9	104	0.00	8.48
40 S	dibromofluoromethane (s)	0.544	0.559	-2.8	93	0.00	8.60
41 P	Tetrahydrofuran	0.164	0.149	9.1	92	0.03	8.86
42 P	1,1,1-trichloroethane	0.777	0.805	-3.6	94	0.00	9.23
43 I	1,4-difluorobenzene	1.000	1.000	0.0	91	0.00	9.83
44 P	Cyclohexane	0.512	0.600	-17.2	111	0.00	9.52
45 P	carbon tetrachloride	0.505	0.490	3.0	88	0.00	9.60
46 P	1,1-dichloropropene	0.366	0.373	-1.9	93	0.00	9.40
47 P	benzene	0.971	1.153	-18.7	107	0.00	9.63
48 P	1,2-dichloroethane	0.403	0.407	-1.0	95	0.00	9.13
49 P	tert-amyl methyl ether	0.784	0.934	-19.1	110	0.00	9.76
50 P	heptane	0.315	0.338	-7.3	97	0.00	10.10
51 P	trichloroethene	0.328	0.383	-16.8	108	0.00	10.25
52 P	1,2-dichloropropane	0.243	0.295	-21.4#	109	0.00	10.22
53 P	dibromomethane	0.198	0.231	-16.7	104	0.02	10.20
54 P	bromodichloromethane	0.402	0.460	-14.4	103	0.00	10.30
55 P	Methylcyclohexane	0.478	0.571	-19.5	113	0.00	10.77
		Amount	Calc.	%Drift			
56 P	2-chloroethyl vinyl ether	50.000	64.136	-28.3#	159	0.00	10.68
		AvgRF	CCRF	%Dev			
57 P	methyl methacrylate	0.156	0.148	5.1	92	0.01	10.41
58 P	1,4-dioxane	0.000	0.002#	0.0	0#	0.00	10.48
59 P	cis-1,3-dichloropropene	0.380	0.454	-19.5	104	0.00	10.92
60 S	toluene-d8 (s)	0.999	1.024	-2.5	93	0.00	11.62
61 P	4-methyl-2-pentanone	0.306	0.287	6.2	99	0.01	11.04
62 P	toluene	0.594	0.653	-9.9	98	0.00	11.70
63 P	trans-1,3-dichloropropene	0.300	0.348	-16.0	96	0.00	11.34
64 P	1,1,2-trichloroethane	0.180	0.201	-11.7	101	0.00	11.52
65 P	ethyl methacrylate	0.275	0.279	-1.5	97	0.00	11.73
66 I	chlorobenzene-d5	1.000	1.000	0.0	89	0.00	13.08
67 P	tetrachloroethene	0.785	0.777	1.0	88	0.00	12.44
68 P	1,3-dichloropropane	0.835	0.934	-11.9	102	0.00	11.75
69 P	dibromochloromethane	0.885	0.917	-3.6	91	0.00	12.04
70 P	1,2-dibromoethane	0.651	0.662	-1.7	91	0.00	12.29
71 P	2-hexanone	0.410	0.517	-26.1#	124	0.01	11.90
72 P	chlorobenzene	1.924	1.888	1.9	89	0.00	13.12
73 P	1,1,1,2-tetrachloroethane	0.911	0.960	-5.4	96	0.00	13.04
74 P	ethylbenzene	2.910	3.095	-6.4	97	0.00	13.29
75 P	m,p-xylene	1.195	1.226	-2.6	92	0.00	13.48
76 P	o-xylene	1.311	1.350	-3.0	91	0.00	13.89
77 P	styrene	1.886	1.907	-1.1	93	0.00	13.82
78 P	bromoform	0.556	0.513	7.7	82	0.00	13.65
79 P	trans-1,4-dichloro-2-bute	0.195	0.152	22.1#	73	0.00	14.05

6.7.6
6

Continuing Calibration Summary

Page 3 of 3

Job Number: MC36792

Sample: MSU1100-CC1085

Account: SUNOCOSS Sunoco

Lab FileID: U26140.D

Project: MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY

80	I	1,4-dichlorobenzene-d4	1.000	1.000	0.0	83	0.00	15.64
81	P	isopropylbenzene	2.756	3.214	-16.6	94	0.00	14.25
82	S	bromofluorobenzene (s)	0.724	0.722	0.3	81	0.00	14.31
83	P	bromobenzene	0.744	0.766	-3.0	85	0.00	14.54
84	P	1,1,2,2-tetrachloroethane	0.598	0.789	-31.9#	102	0.00	13.90
85	P	1,2,3-trichloropropane	0.650	0.696	-7.1	89	0.00	14.05
86	P	n-propylbenzene	2.895	3.274	-13.1	93	0.00	14.70
87	P	2-chlorotoluene	1.830	2.070	-13.1	94	0.00	14.82
88	P	4-chlorotoluene	1.744	1.885	-8.1	90	0.00	14.89
89	P	1,3,5-trimethylbenzene	2.424	3.090	-27.5#	99	0.00	14.98
90	P	tert-butylbenzene	1.448	1.704	-17.7	93	0.00	15.28
91	P	1,2,4-trimethylbenzene	2.518	3.010	-19.5	94	0.00	15.38
92	P	sec-butylbenzene	3.295	3.919	-18.9	95	0.00	15.50
93	P	1,3-dichlorobenzene	1.440	1.530	-6.3	86	0.00	15.61
94	P	p-isopropyltoluene	3.006	3.589	-19.4	95	0.00	15.68
95	P	1,4-dichlorobenzene	1.481	1.592	-7.5	86	0.00	15.67
96	P	1,2-dichlorobenzene	1.588	1.747	-10.0	87	0.00	16.04
97	P	n-butylbenzene	2.485	3.057	-23.0#	100	0.00	16.10
98	P	1,2-dibromo-3-chloropropa	0.167	0.179	-7.2	85	0.00	16.52
99	P	1,3,5-trichlorobenzene	1.489	1.657	-11.3	88	0.00	17.33
100	P	1,2,4-trichlorobenzene	1.458	1.771	-21.5#	94	0.00	17.87
101	P	hexachlorobutadiene	0.585	0.700	-19.7	92	0.00	18.16
102	P	naphthalene	4.026	4.624	-14.9	88	0.00	18.14
103	P	2-Methylnaphthalene	2.422	3.276	-35.3#	102	0.00	19.50
104	P	1-Methylnaphthalene	1.847	2.613	-41.5#	107	0.00	19.74
105	P	1,2,3-trichlorobenzene	1.483	1.793	-20.9#	97	0.00	18.34

(#) = Out of Range

U25642.D U150115w.m

SPCC's out = 3 CCC's out = 0

Tue Feb 10 12:01:21 2015

GC/MS Volatiles

Raw Data

7

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150210\
 Data File : k85345.D
 Acq On : 10 Feb 2015 11:59 am
 Operator : jaimem
 Sample : mc36792-1
 Misc : ms33841,msk2670,11.05,,100,10,1
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 10 12:28:55 2015
 Quant Method : C:\msdchem\1\methods\K150203S.M
 Quant Title : SW-846 Method 8260
 QLast Update : Wed Feb 04 10:00:35 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Tert butyl alcohol-d9	6.432	65	38354	500.00	ug/kg	# 0.02
4) pentafluorobenzene	8.772	168	101085	50.00	ug/kg	0.00
44) 1,4-difluorobenzene	9.618	114	144846	50.00	ug/kg	0.00
67) chlorobenzene-d5	12.874	82	61128	50.00	ug/kg	0.00
82) 1,4-dichlorobenzene-d4	15.431	152	85841	50.00	ug/kg	0.00
System Monitoring Compounds						
41) dibromofluoromethane (s)	8.401	113	51520	49.79	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.58%		
61) toluene-d8 (s)	11.410	98	159641	51.30	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	102.60%		
84) bromofluorobenzene (s)	14.092	95	63713	48.53	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.06%		
Target Compounds						
						Qvalue
88) n-propylbenzene	14.488	91	7829	1.38	ug/kg	90
91) 1,3,5-trimethylbenzene	14.758	105	6232	1.32	ug/kg	94
93) 1,2,4-trimethylbenzene	15.168	105	22353	4.61	ug/kg	86
94) sec-butylbenzene	15.292	105	2607	0.43	ug/kg	89
99) n-butylbenzene	15.877	91	8710	2.04	ug/kg#	1

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

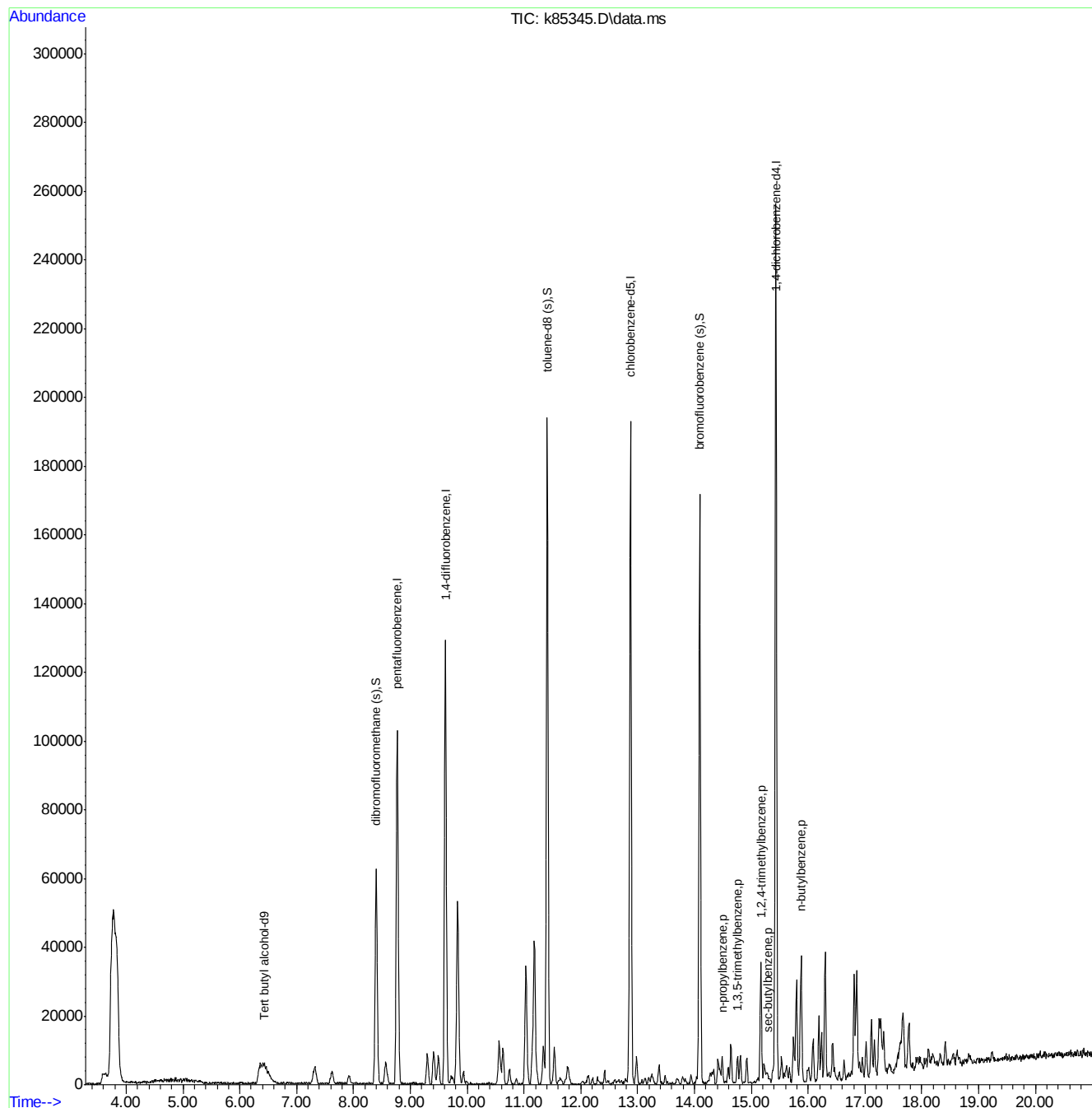
7.1.1

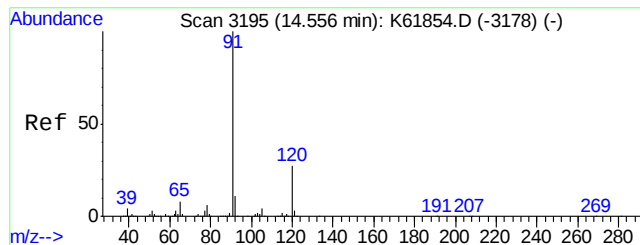
7

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150210\
Data File : k85345.D
Acq On : 10 Feb 2015 11:59 am
Operator : jaimem
Sample : mc36792-1
Misc : ms33841,msk2670,11.05,,100,10,1
ALS Vial : 10 Sample Multiplier: 1

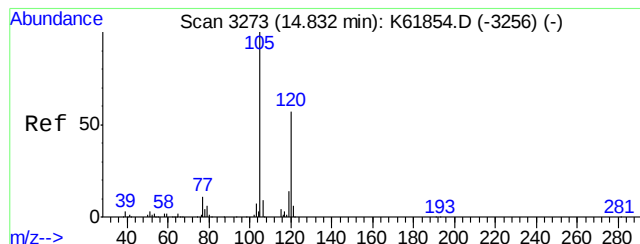
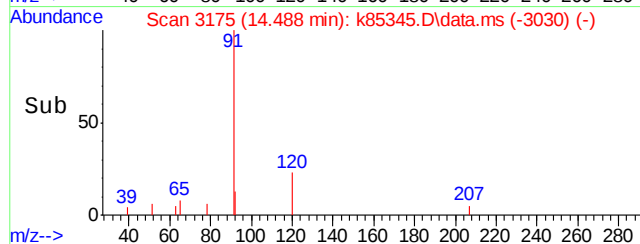
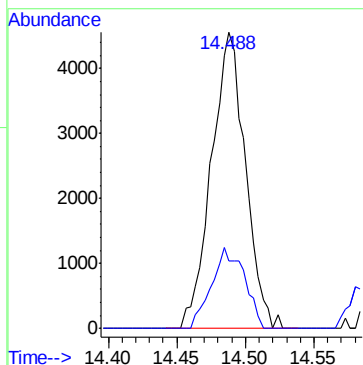
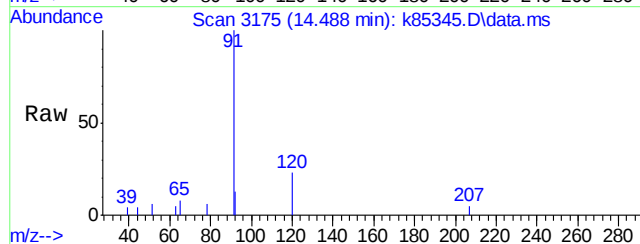
Quant Time: Feb 10 12:28:55 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Feb 04 10:00:35 2015
Response via : Initial Calibration





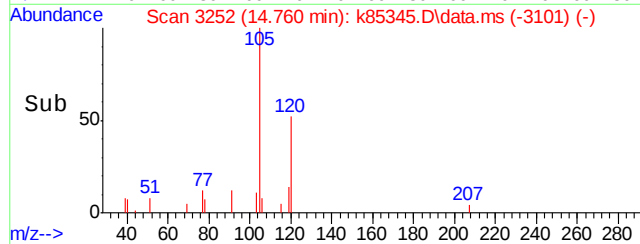
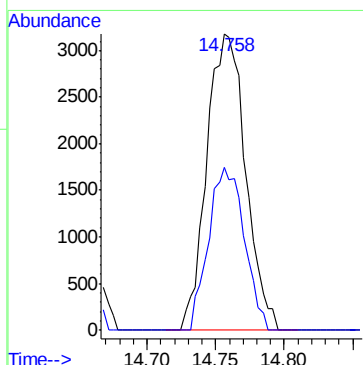
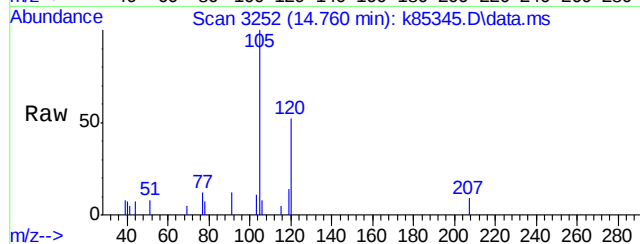
#88
n-propylbenzene
Concen: 1.38 ug/kg
RT: 14.488 min Scan# 3175
Delta R.T. 0.001 min
Lab File: k85345.D
Acq: 10 Feb 2015 11:59 am

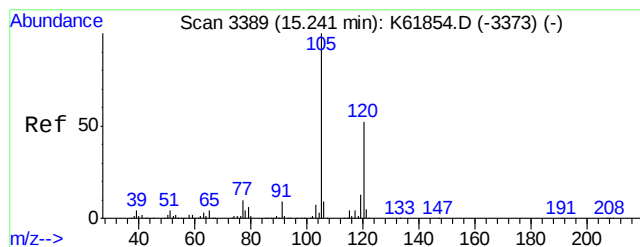
Tgt Ion: 91 Resp: 7829
Ion Ratio Lower Upper
91 100
120 22.9 0.0 57.9



#91
1,3,5-trimethylbenzene
Concen: 1.32 ug/kg
RT: 14.758 min Scan# 3252
Delta R.T. 0.000 min
Lab File: k85345.D
Acq: 10 Feb 2015 11:59 am

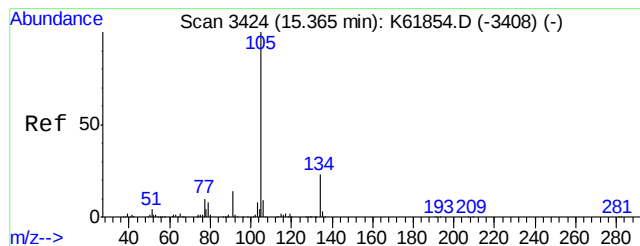
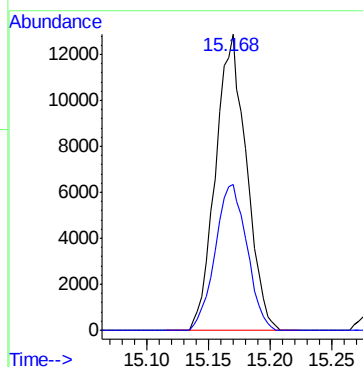
Tgt Ion: 105 Resp: 6232
Ion Ratio Lower Upper
105 100
120 51.6 17.4 77.4





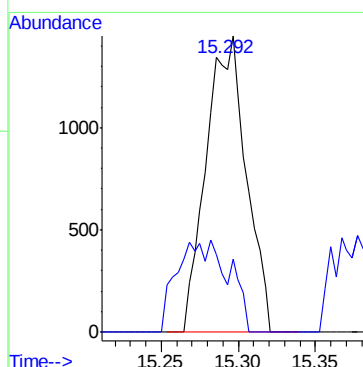
#93
1,2,4-trimethylbenzene
Concen: 4.61 ug/kg
RT: 15.168 min Scan# 3368
Delta R.T. 0.000 min
Lab File: k85345.D
Acq: 10 Feb 2015 11:59 am

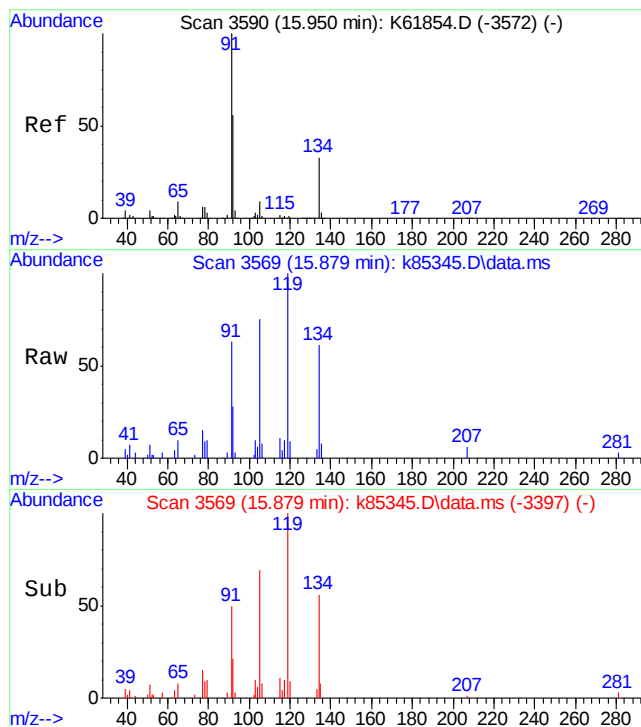
Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.3	10.8	70.8



#94
sec-butylbenzene
Concen: 0.43 ug/kg
RT: 15.292 min Scan# 3403
Delta R.T. -0.002 min
Lab File: k85345.D
Acq: 10 Feb 2015 11:59 am

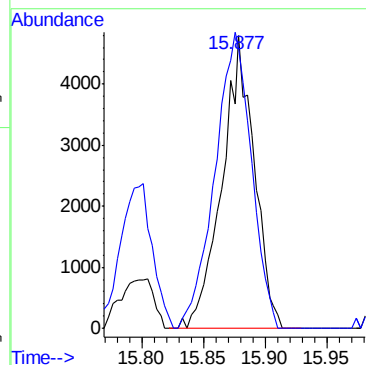
Tgt Ion	Ratio	Lower	Upper
105	100		
134	18.0	0.0	53.1





#99
n-butylbenzene
Concen: 2.04 ug/kg
RT: 15.877 min Scan# 3569
Delta R.T. -0.004 min
Lab File: k85345.D
Acq: 10 Feb 2015 11:59 am

Tgt Ion	Ratio	Lower	Upper
91	100		
134	95.8	6.9	66.9#



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150210\
 Data File : k85346.D
 Acq On : 10 Feb 2015 12:28 pm
 Operator : jaimem
 Sample : mc36792-2
 Misc : ms33841,msk2670,10.25,,100,10,1
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 10 12:50:41 2015
 Quant Method : C:\msdchem\1\methods\K150203S.M
 Quant Title : SW-846 Method 8260
 QLast Update : Wed Feb 04 10:00:35 2015
 Response via : Initial Calibration

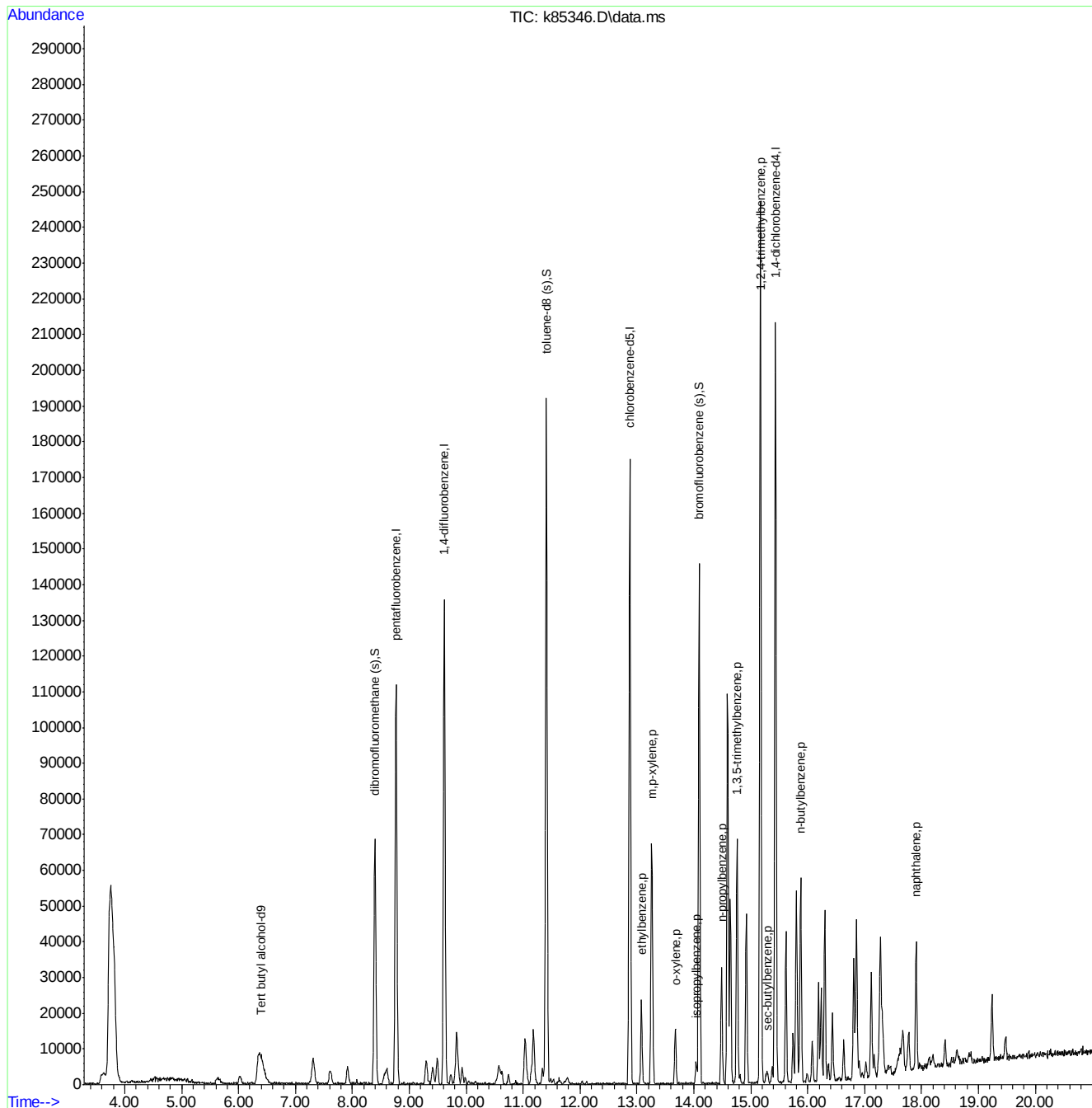
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Tert butyl alcohol-d9	6.399	65	37761	500.00	ug/kg	#-0.01
4) pentafluorobenzene	8.768	168	98180	50.00	ug/kg	0.00
44) 1,4-difluorobenzene	9.616	114	142605	50.00	ug/kg	0.00
67) chlorobenzene-d5	12.874	82	56107	50.00	ug/kg	0.00
82) 1,4-dichlorobenzene-d4	15.432	152	72240	50.00	ug/kg	0.00
System Monitoring Compounds						
41) dibromofluoromethane (s)	8.397	113	52156	51.90	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	103.80%		
61) toluene-d8 (s)	11.408	98	147729	48.21	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.42%		
84) bromofluorobenzene (s)	14.092	95	54896	49.68	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.36%		
Target Compounds						
						Qvalue
75) ethylbenzene	13.079	91	19727	5.16	ug/kg	99
76) m,p-xylene	13.261	106	27534	18.97	ug/kg	100
77) o-xylene	13.675	106	5469	2.91	ug/kg	99
83) isopropylbenzene	14.041	105	5949	1.28	ug/kg	96
88) n-propylbenzene	14.487	91	29903	6.26	ug/kg	98
91) 1,3,5-trimethylbenzene	14.758	105	45349	11.43	ug/kg	92
93) 1,2,4-trimethylbenzene	15.169	105	161021	39.48	ug/kg	87
94) sec-butylbenzene	15.293	105	3067	0.61	ug/kg	82
99) n-butylbenzene	15.877	91	11579	3.23	ug/kg#	1
104) naphthalene	17.905	128	35732	10.99	ug/kg	100

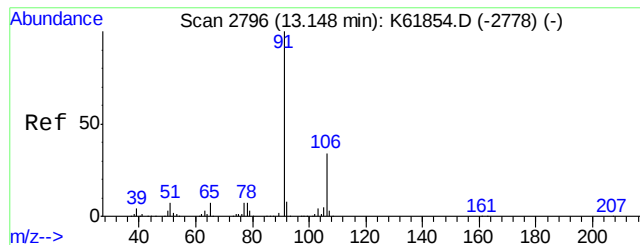
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150210\
Data File : k85346.D
Acq On : 10 Feb 2015 12:28 pm
Operator : jaimem
Sample : mc36792-2
Misc : ms33841,msk2670,10.25,,100,10,1
ALS Vial : 11 Sample Multiplier: 1

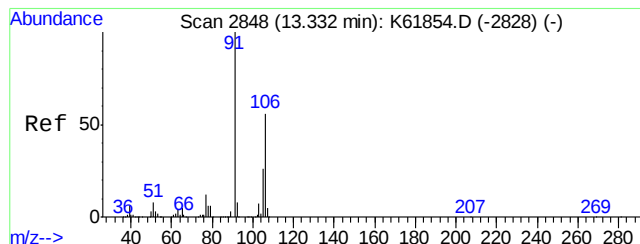
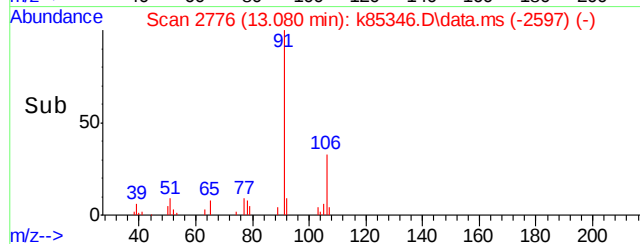
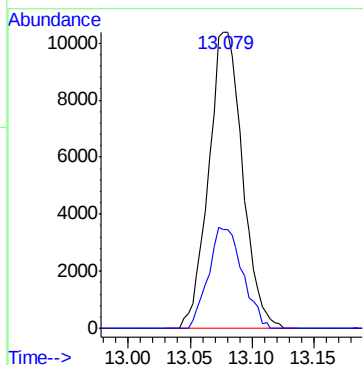
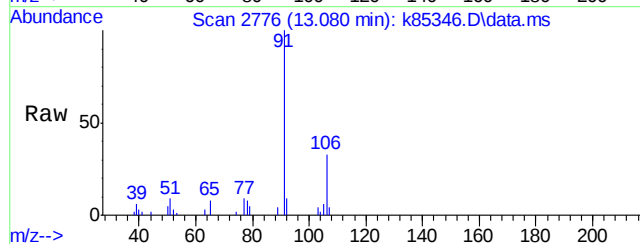
Quant Time: Feb 10 12:50:41 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Feb 04 10:00:35 2015
Response via : Initial Calibration





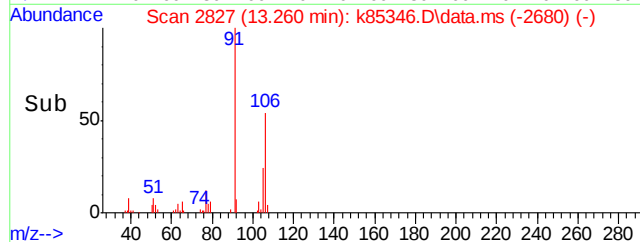
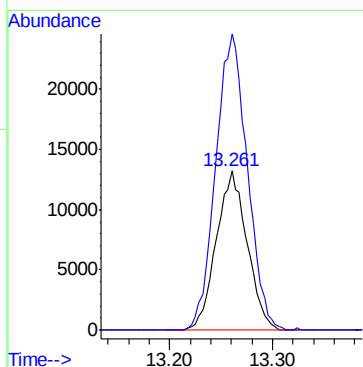
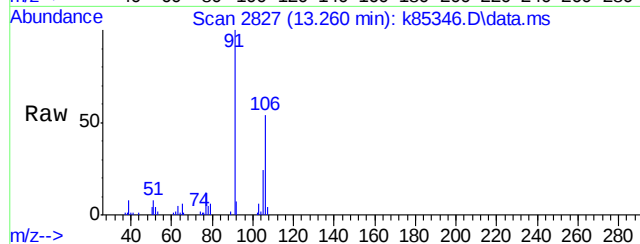
#75
ethylbenzene
Concen: 5.16 ug/kg
RT: 13.079 min Scan# 2776
Delta R.T. 0.000 min
Lab File: k85346.D
Acq: 10 Feb 2015 12:28 pm

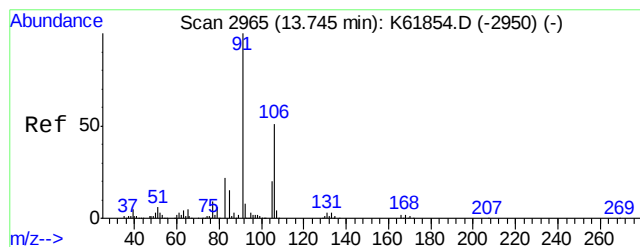
Tgt Ion	Ratio	Lower	Upper
91	100		
106	33.2	2.4	62.4



#76
m,p-xylene
Concen: 18.97 ug/kg
RT: 13.261 min Scan# 2827
Delta R.T. -0.001 min
Lab File: k85346.D
Acq: 10 Feb 2015 12:28 pm

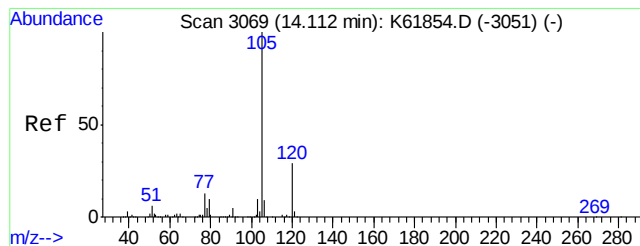
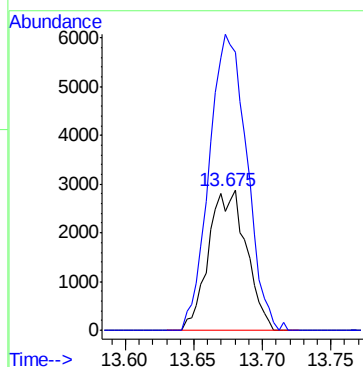
Tgt Ion	Ratio	Lower	Upper
106	100		
91	186.4	156.9	216.9





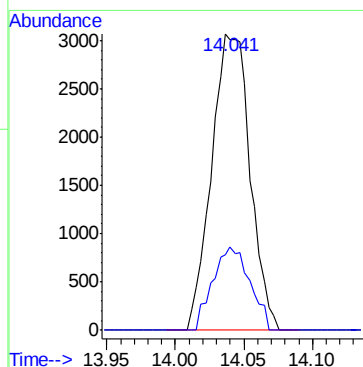
#77
o-xylene
Concen: 2.91 ug/kg
RT: 13.675 min Scan# 2945
Delta R.T. -0.000 min
Lab File: k85346.D
Acq: 10 Feb 2015 12:28 pm

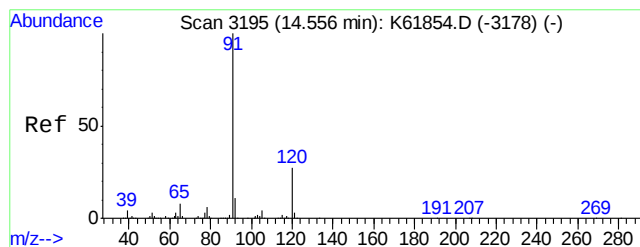
Tgt Ion	Ratio	Lower	Upper
106	100		
91	220.9	189.9	249.9



#83
isopropylbenzene
Concen: 1.28 ug/kg
RT: 14.041 min Scan# 3048
Delta R.T. 0.001 min
Lab File: k85346.D
Acq: 10 Feb 2015 12:28 pm

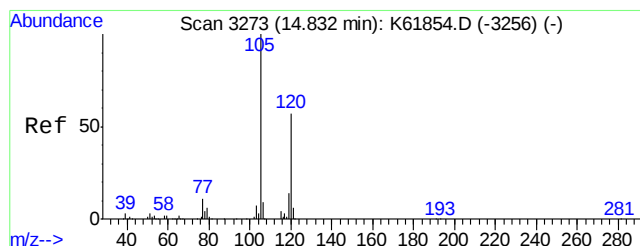
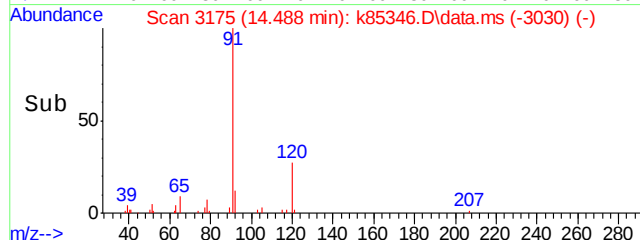
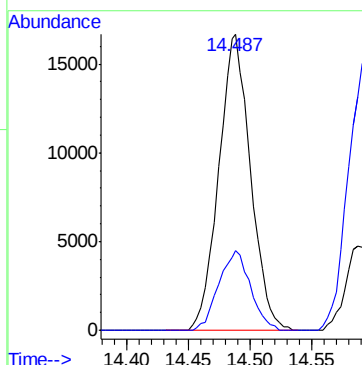
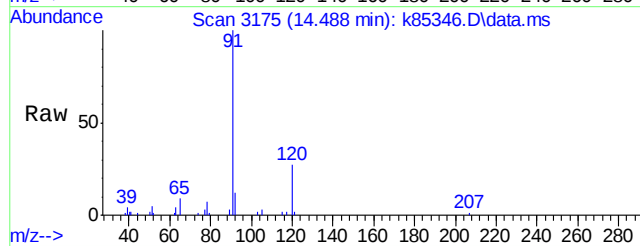
Tgt Ion	Ratio	Lower	Upper
105	100		
120	28.7	0.0	56.8





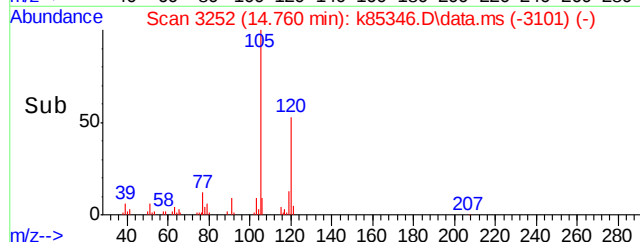
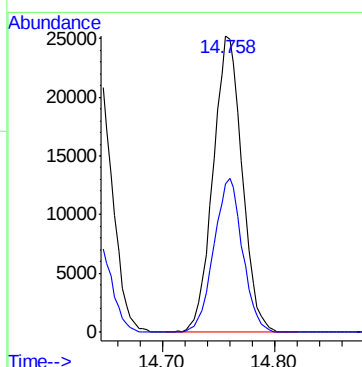
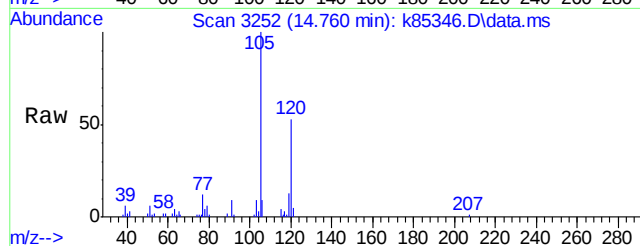
#88
n-propylbenzene
Concen: 6.26 ug/kg
RT: 14.487 min Scan# 3175
Delta R.T. 0.000 min
Lab File: k85346.D
Acq: 10 Feb 2015 12:28 pm

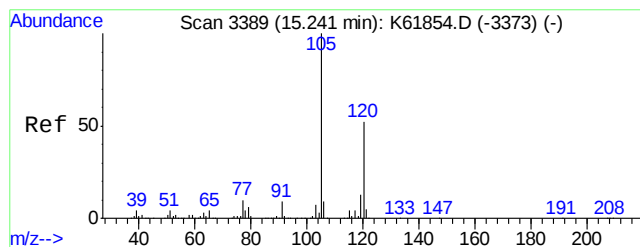
Tgt Ion	Ratio	Lower	Upper
91	100		
120	26.8	0.0	57.9



#91
1,3,5-trimethylbenzene
Concen: 11.43 ug/kg
RT: 14.758 min Scan# 3252
Delta R.T. 0.000 min
Lab File: k85346.D
Acq: 10 Feb 2015 12:28 pm

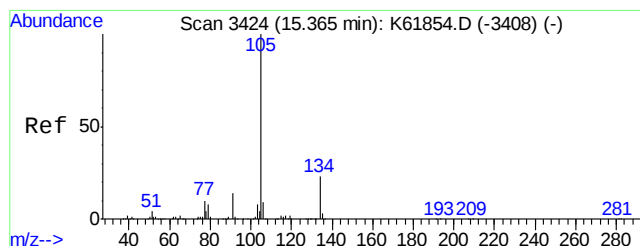
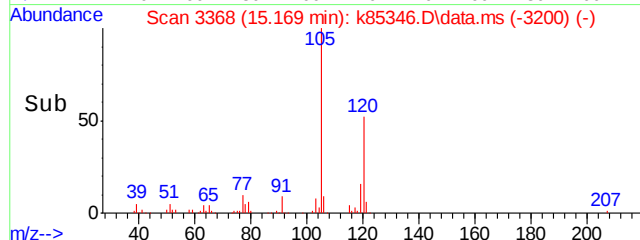
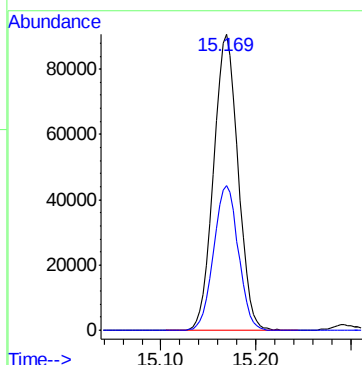
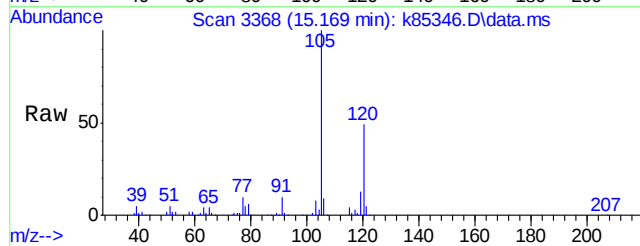
Tgt Ion	Ratio	Lower	Upper
105	100		
120	52.6	17.4	77.4





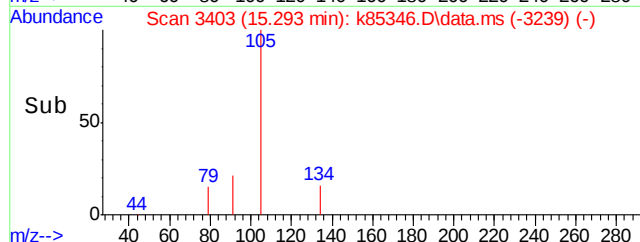
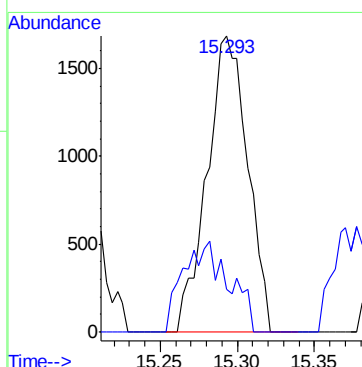
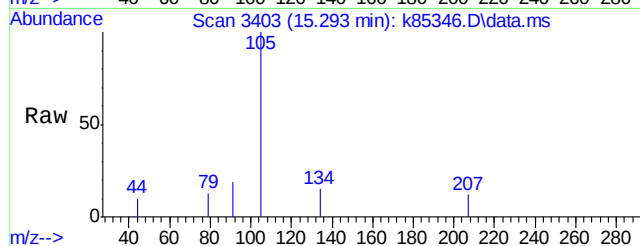
#93
1,2,4-trimethylbenzene
Concen: 39.48 ug/kg
RT: 15.169 min Scan# 3368
Delta R.T. 0.001 min
Lab File: k85346.D
Acq: 10 Feb 2015 12:28 pm

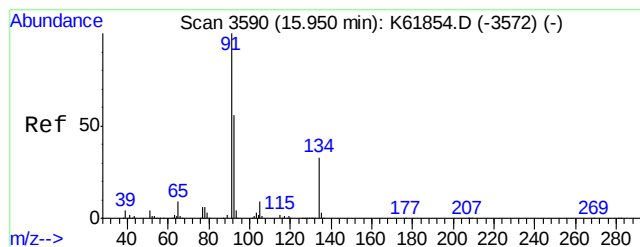
Tgt Ion:105 Resp: 161021
Ion Ratio Lower Upper
105 100
120 48.9 10.8 70.8



#94
sec-butylbenzene
Concen: 0.61 ug/kg
RT: 15.293 min Scan# 3403
Delta R.T. -0.001 min
Lab File: k85346.D
Acq: 10 Feb 2015 12:28 pm

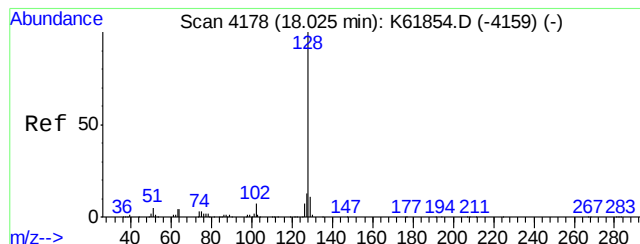
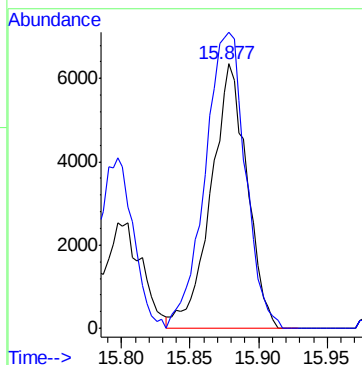
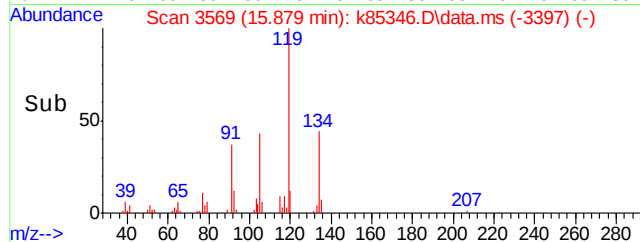
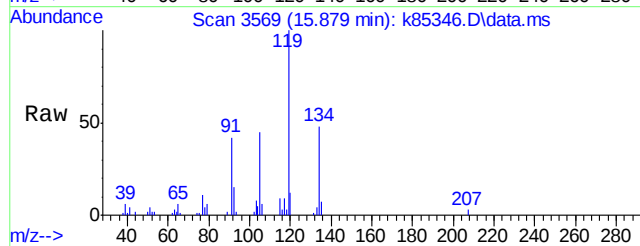
Tgt Ion:105 Resp: 3067
Ion Ratio Lower Upper
105 100
134 14.5 0.0 53.1





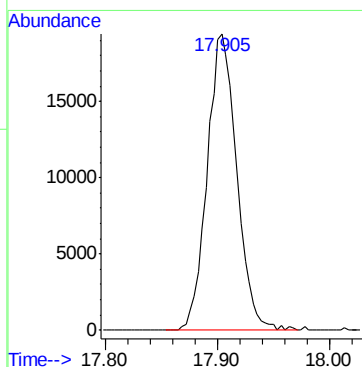
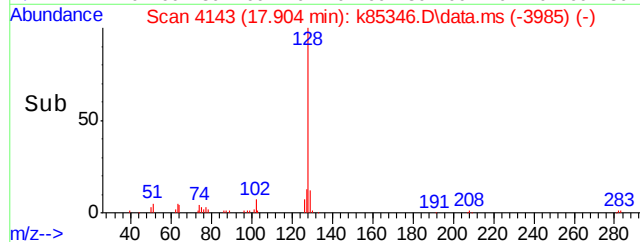
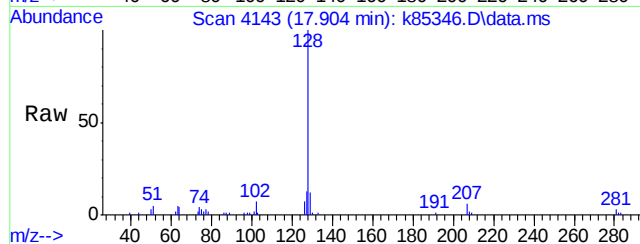
#99
n-butylbenzene
Concen: 3.23 ug/kg
RT: 15.877 min Scan# 3569
Delta R.T. -0.004 min
Lab File: k85346.D
Acq: 10 Feb 2015 12:28 pm

Tgt Ion: 91 Resp: 11579
Ion Ratio Lower Upper
91 100
134 112.1 6.9 66.9#



#104
naphthalene
Concen: 10.99 ug/kg
RT: 17.905 min Scan# 4143
Delta R.T. 0.000 min
Lab File: k85346.D
Acq: 10 Feb 2015 12:28 pm

Tgt Ion: 128 Resp: 35732



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150210\
 Data File : k85347.D
 Acq On : 10 Feb 2015 12:55 pm
 Operator : jaimem
 Sample : mc36792-3
 Misc : ms33841,msk2670,10.51,,100,10,1
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 10 14:22:53 2015
 Quant Method : C:\msdchem\1\methods\K150203S.M
 Quant Title : SW-846 Method 8260
 QLast Update : Wed Feb 04 10:00:35 2015
 Response via : Initial Calibration

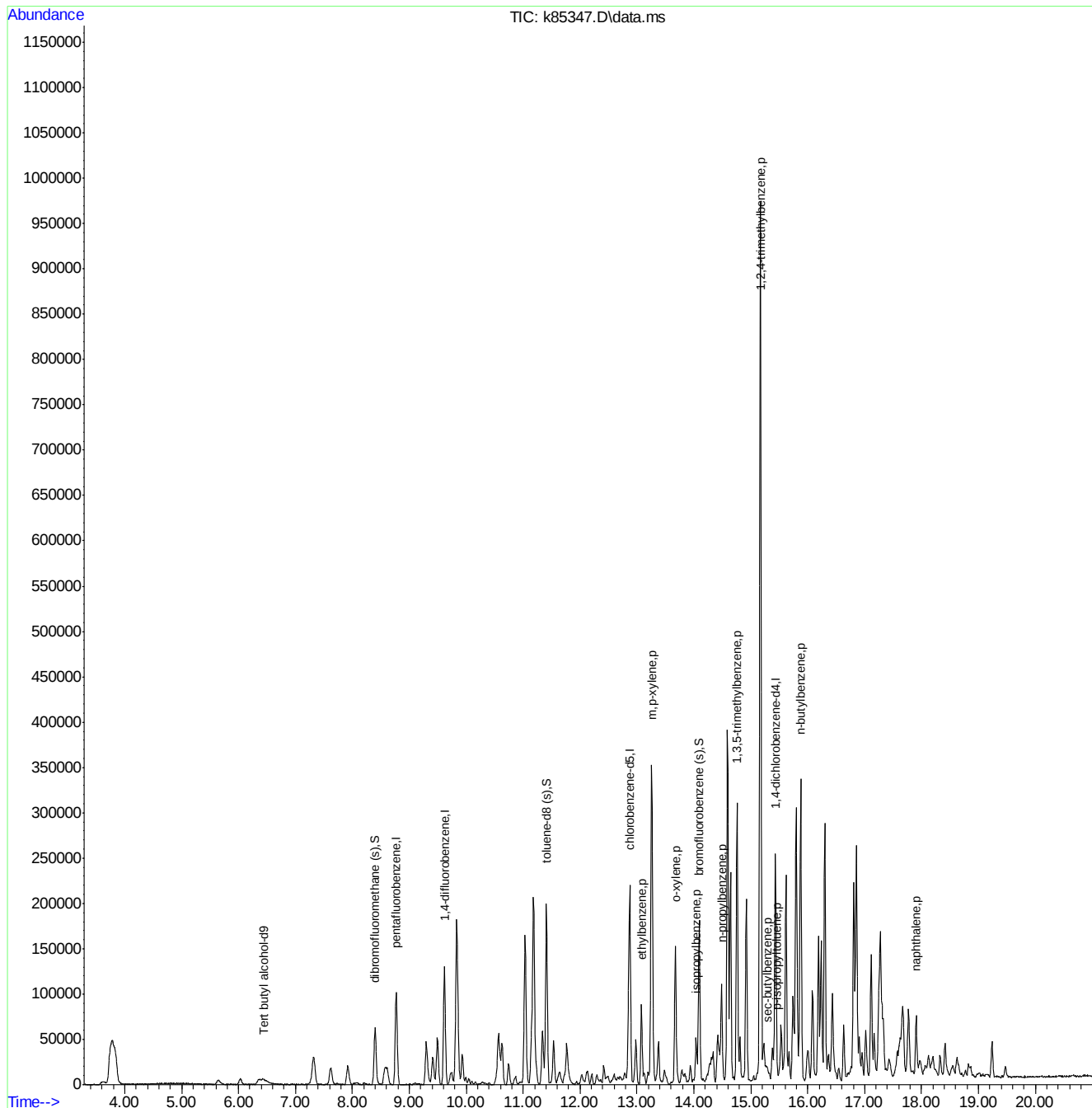
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Tert butyl alcohol-d9	6.437	65	40629	500.00	ug/kg	# 0.03
4) pentafluorobenzene	8.772	168	102375	50.00	ug/kg	0.00
44) 1,4-difluorobenzene	9.618	114	144788	50.00	ug/kg	0.00
67) chlorobenzene-d5	12.874	82	61783	50.00	ug/kg	0.00
82) 1,4-dichlorobenzene-d4	15.431	152	85299	50.00	ug/kg	0.00
System Monitoring Compounds						
41) dibromofluoromethane (s)	8.401	113	52255	49.87	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.74%		
61) toluene-d8 (s)	11.410	98	159410	51.24	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	102.48%		
84) bromofluorobenzene (s)	14.093	95	65295	50.05	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	100.10%		
Target Compounds						
						Qvalue
75) ethylbenzene	13.080	91	69335	17.44	ug/kg	99
76) m,p-xylene	13.260	106	138794	86.82	ug/kg	100
77) o-xylene	13.675	106	49163	28.54	ug/kg	89
83) isopropylbenzene	14.040	105	33311	6.08	ug/kg	94
88) n-propylbenzene	14.487	91	97142	17.23	ug/kg	98
91) 1,3,5-trimethylbenzene	14.758	105	196845	42.00	ug/kg	89
93) 1,2,4-trimethylbenzene	15.168	105	635181	131.89	ug/kg	84
94) sec-butylbenzene	15.294	105	13682	2.29	ug/kg	83
96) p-isopropyltoluene	15.460	119	7593	1.43	ug/kg	97
99) n-butylbenzene	15.876	91	60997	14.39	ug/kg#	1
104) naphthalene	17.906	128	57240	14.91	ug/kg	100

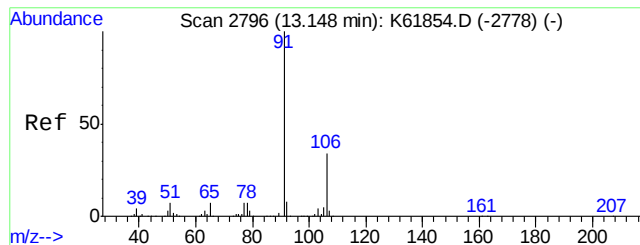
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150210\
Data File : k85347.D
Acq On : 10 Feb 2015 12:55 pm
Operator : jaimem
Sample : mc36792-3
Misc : ms33841,msk2670,10.51,,100,10,1
ALS Vial : 12 Sample Multiplier: 1

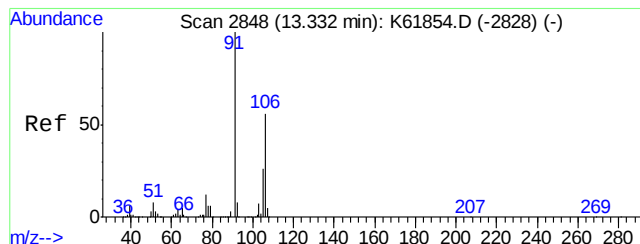
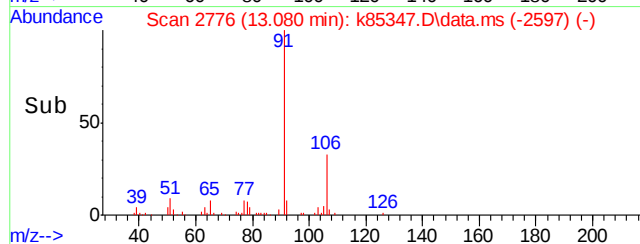
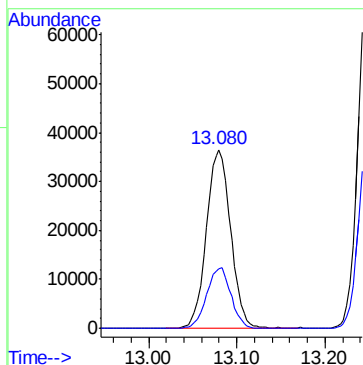
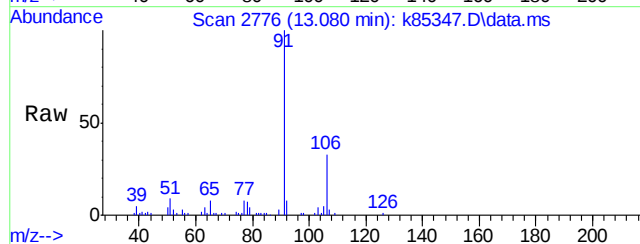
Quant Time: Feb 10 14:22:53 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Feb 04 10:00:35 2015
Response via : Initial Calibration





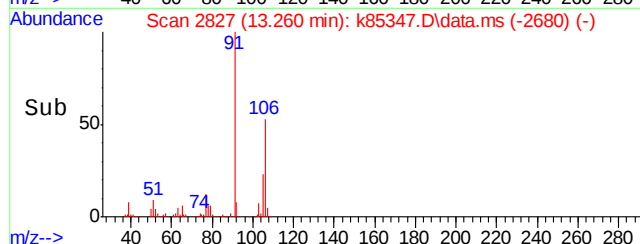
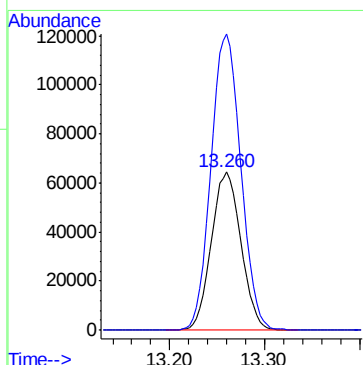
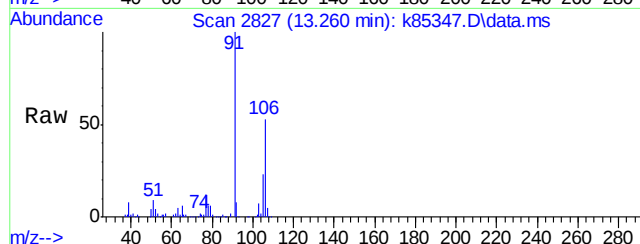
#75
ethylbenzene
Concen: 17.44 ug/kg
RT: 13.080 min Scan# 2776
Delta R.T. 0.001 min
Lab File: k85347.D
Acq: 10 Feb 2015 12:55 pm

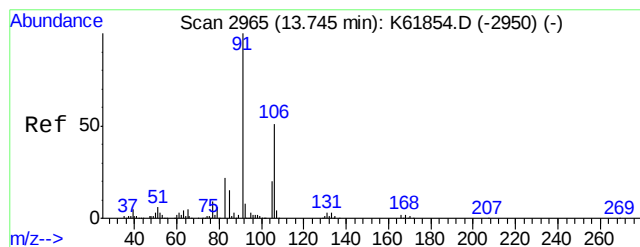
Tgt Ion	Ratio	Lower	Upper
91	100		
106	33.1	2.4	62.4



#76
m,p-xylene
Concen: 86.82 ug/kg
RT: 13.260 min Scan# 2827
Delta R.T. -0.002 min
Lab File: k85347.D
Acq: 10 Feb 2015 12:55 pm

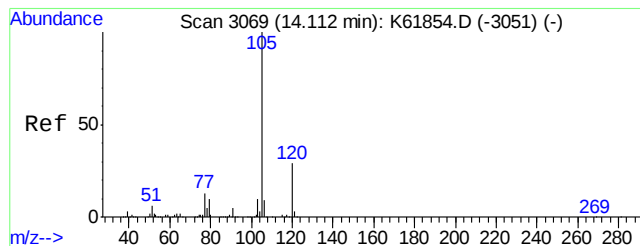
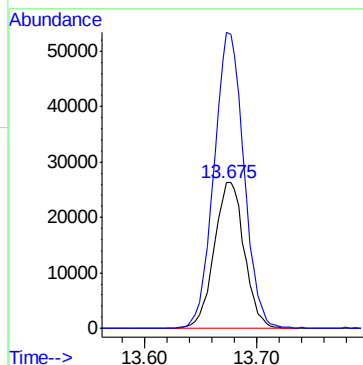
Tgt Ion	Ratio	Lower	Upper
106	100		
91	187.4	156.9	216.9





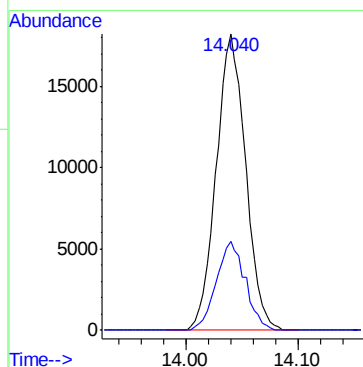
#77
o-xylene
Concen: 28.54 ug/kg
RT: 13.675 min Scan# 2945
Delta R.T. 0.000 min
Lab File: k85347.D
Acq: 10 Feb 2015 12:55 pm

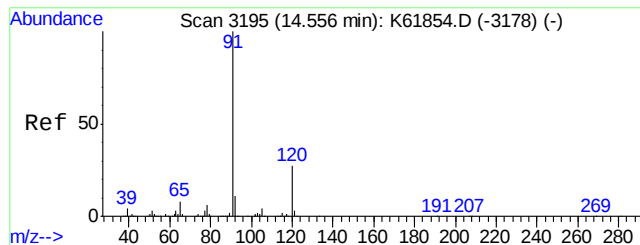
Tgt Ion	Ratio	Lower	Upper
106	100		
91	201.9	189.9	249.9



#83
isopropylbenzene
Concen: 6.08 ug/kg
RT: 14.040 min Scan# 3048
Delta R.T. 0.000 min
Lab File: k85347.D
Acq: 10 Feb 2015 12:55 pm

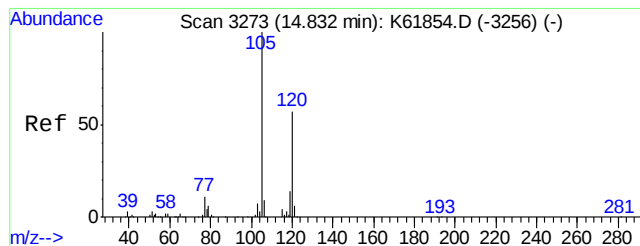
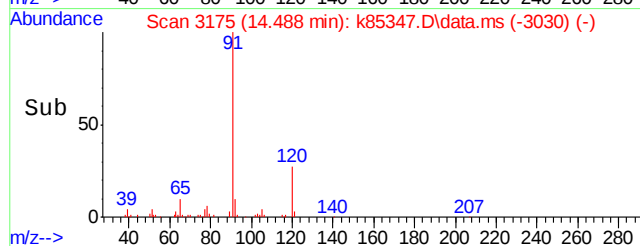
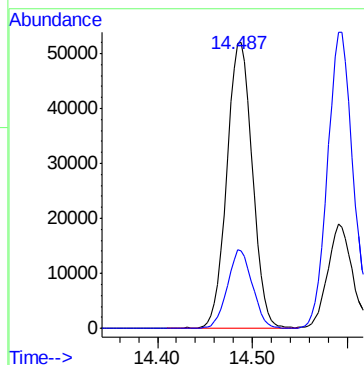
Tgt Ion	Ratio	Lower	Upper
105	100		
120	29.9	0.0	56.8





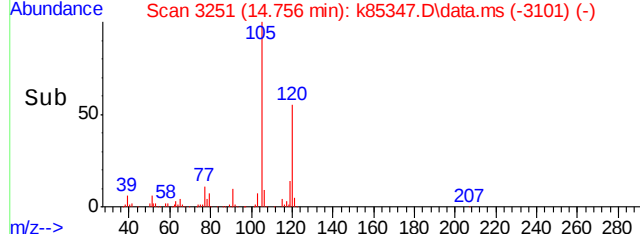
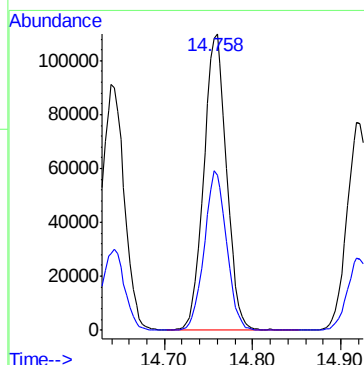
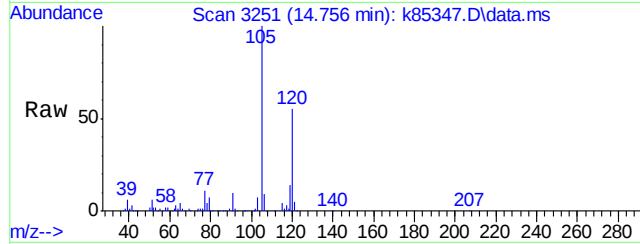
#88
n-propylbenzene
Concen: 17.23 ug/kg
RT: 14.487 min Scan# 3175
Delta R.T. -0.000 min
Lab File: k85347.D
Acq: 10 Feb 2015 12:55 pm

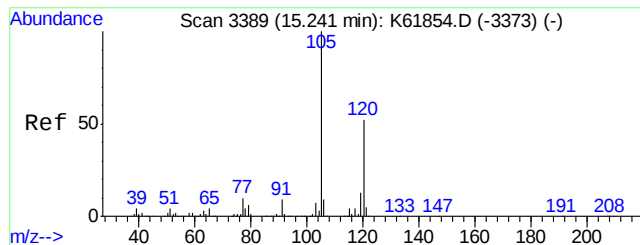
Tgt Ion	Ratio	Lower	Upper
91	100		
120	26.9	0.0	57.9



#91
1,3,5-trimethylbenzene
Concen: 42.00 ug/kg
RT: 14.758 min Scan# 3251
Delta R.T. -0.000 min
Lab File: k85347.D
Acq: 10 Feb 2015 12:55 pm

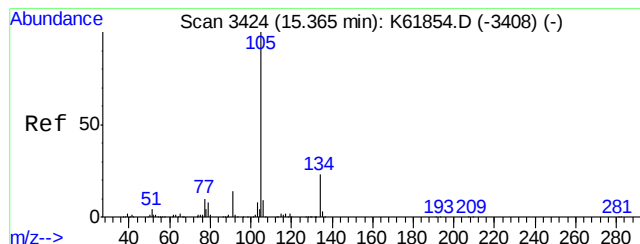
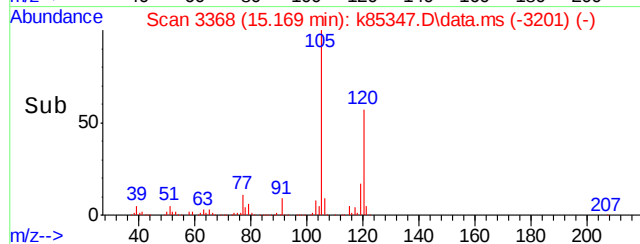
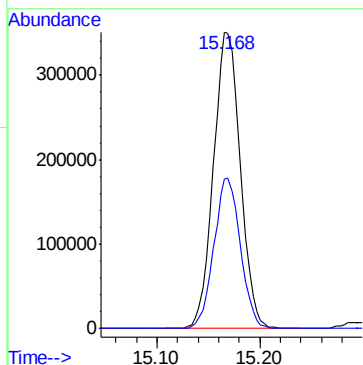
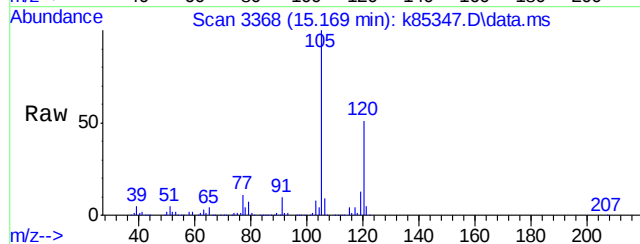
Tgt Ion	Ratio	Lower	Upper
105	100		
120	54.6	17.4	77.4





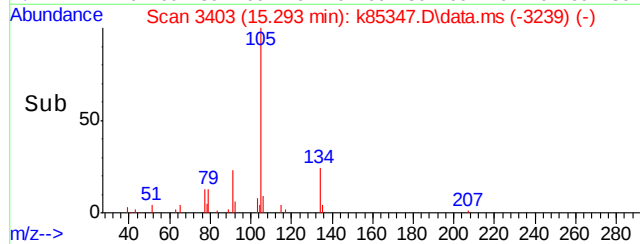
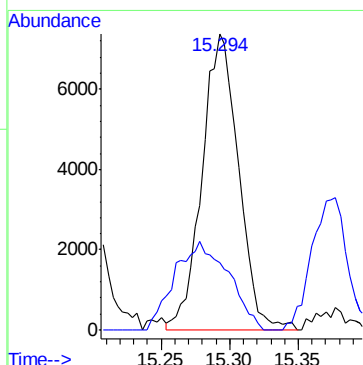
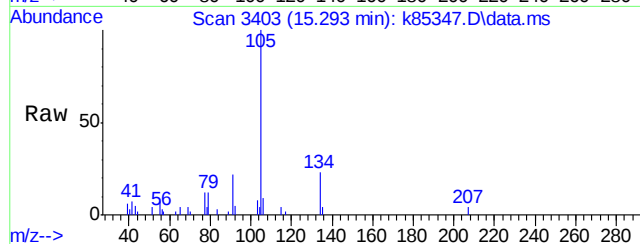
#93
1,2,4-trimethylbenzene
Concen: 131.89 ug/kg
RT: 15.168 min Scan# 3368
Delta R.T. 0.000 min
Lab File: k85347.D
Acq: 10 Feb 2015 12:55 pm

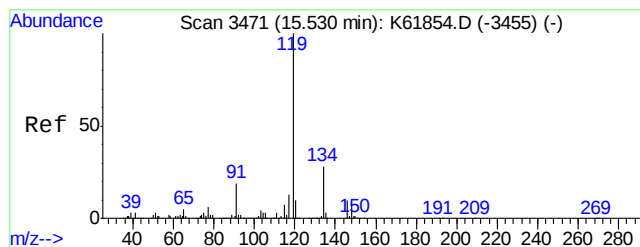
Tgt Ion:105 Resp: 635181
Ion Ratio Lower Upper
105 100
120 51.0 10.8 70.8



#94
sec-butylbenzene
Concen: 2.29 ug/kg
RT: 15.294 min Scan# 3403
Delta R.T. -0.000 min
Lab File: k85347.D
Acq: 10 Feb 2015 12:55 pm

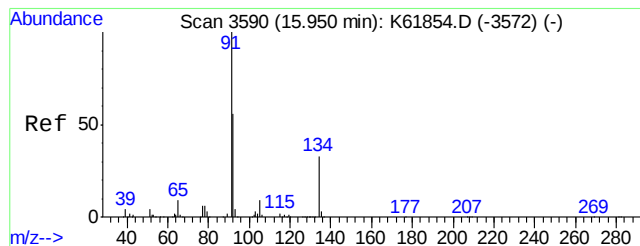
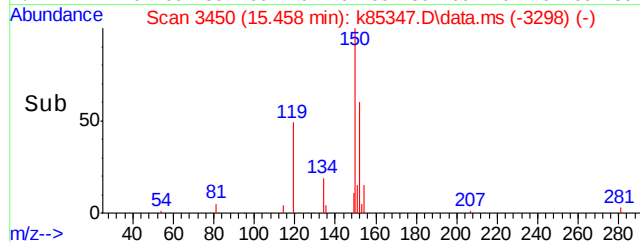
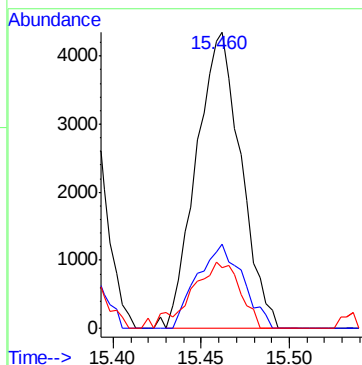
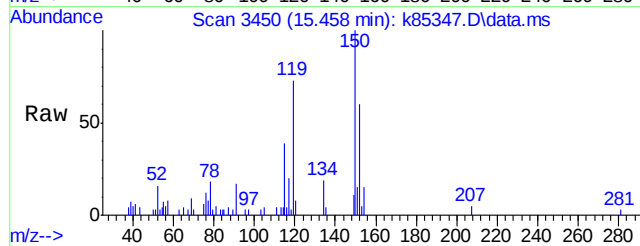
Tgt Ion:105 Resp: 13682
Ion Ratio Lower Upper
105 100
134 15.1 0.0 53.1





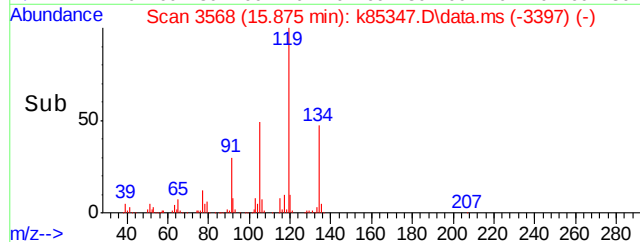
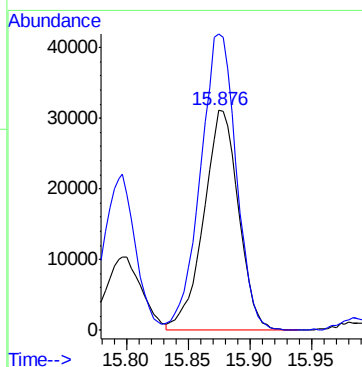
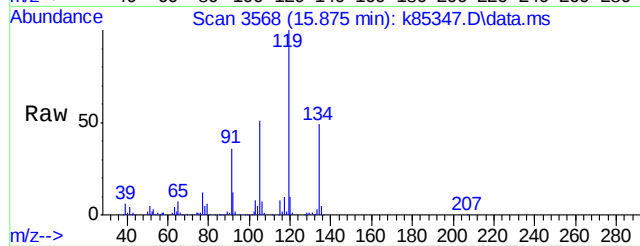
#96
p-isopropyltoluene
Concen: 1.43 ug/kg
RT: 15.460 min Scan# 3450
Delta R.T. -0.001 min
Lab File: k85347.D
Acq: 10 Feb 2015 12:55 pm

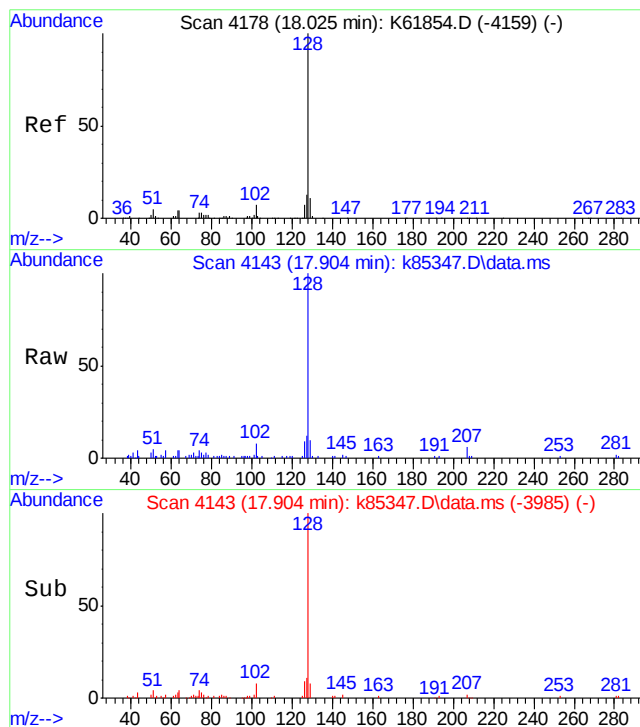
Tgt Ion:	119	Resp:	7593
Ion Ratio	Lower	Upper	
119	100		
134	26.5	0.0	58.5
91	23.1	0.0	52.6



#99
n-butylbenzene
Concen: 14.39 ug/kg
RT: 15.876 min Scan# 3568
Delta R.T. -0.005 min
Lab File: k85347.D
Acq: 10 Feb 2015 12:55 pm

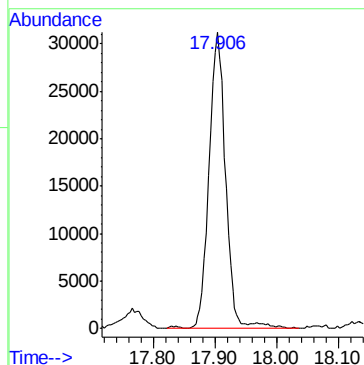
Tgt Ion:	91	Resp:	60997
Ion Ratio	Lower	Upper	
91	100		
134	134.4	6.9	66.9#





#104
 naphthalene
 Concen: 14.91 ug/kg
 RT: 17.906 min Scan# 4143
 Delta R.T. 0.001 min
 Lab File: k85347.D
 Acq: 10 Feb 2015 12:55 pm

Tgt Ion:128 Resp: 57240



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150210\
 Data File : k85348.D
 Acq On : 10 Feb 2015 1:25 pm
 Operator : jaimem
 Sample : mc36792-4
 Misc : ms33841,msk2670,9.22,,100,10,1
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 10 14:23:30 2015
 Quant Method : C:\msdchem\1\methods\K150203S.M
 Quant Title : SW-846 Method 8260
 QLast Update : Wed Feb 04 10:00:35 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Tert butyl alcohol-d9	6.395	65	34719	500.00	ug/kg	#-0.01
4) pentafluorobenzene	8.770	168	100235	50.00	ug/kg	0.00
44) 1,4-difluorobenzene	9.617	114	145991	50.00	ug/kg	0.00
67) chlorobenzene-d5	12.874	82	56389	50.00	ug/kg	0.00
82) 1,4-dichlorobenzene-d4	15.432	152	75240	50.00	ug/kg	0.00
System Monitoring Compounds						
41) dibromofluoromethane (s)	8.400	113	53470	52.12	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	104.24%		
61) toluene-d8 (s)	11.409	98	151458	48.29	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.58%		
84) bromofluorobenzene (s)	14.092	95	57341	49.83	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.66%		

Target Compounds Qvalue

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

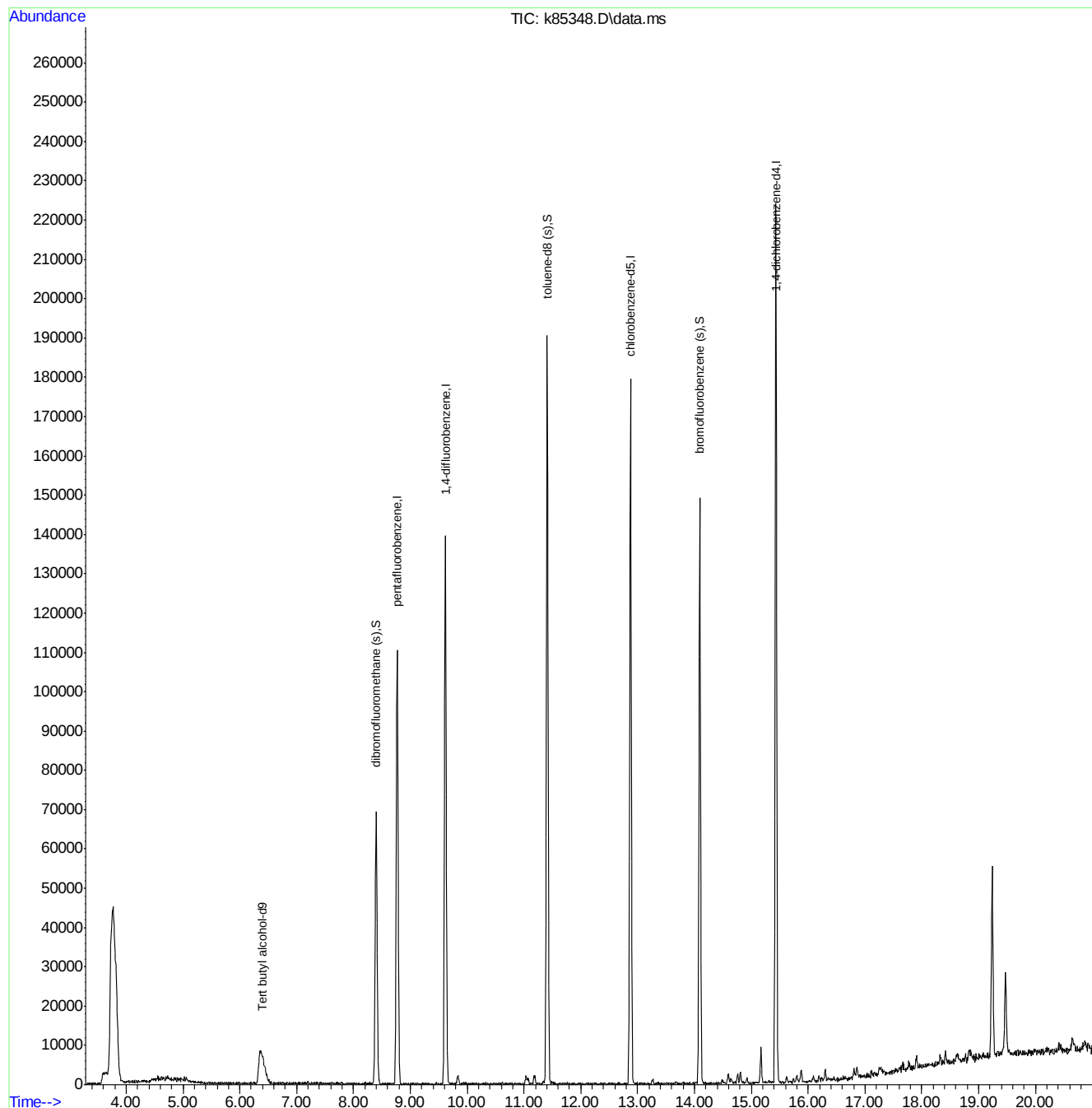
7.1.4

7

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150210\
Data File : k85348.D
Acq On : 10 Feb 2015 1:25 pm
Operator : jaimem
Sample : mc36792-4
Misc : ms33841,msk2670,9.22,,100,10,1
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 10 14:23:30 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Feb 04 10:00:35 2015
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150210\
 Data File : k85349.D
 Acq On : 10 Feb 2015 1:52 pm
 Operator : jaimem
 Sample : mc36792-5
 Misc : ms33841,msk2670,10.08,,100,10,1
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 10 14:23:49 2015
 Quant Method : C:\msdchem\1\methods\K150203S.M
 Quant Title : SW-846 Method 8260
 QLast Update : Wed Feb 04 10:00:35 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Tert butyl alcohol-d9	6.428	65	39138	500.00	ug/kg	0.02
4) pentafluorobenzene	8.770	168	100657	50.00	ug/kg	0.00
44) 1,4-difluorobenzene	9.617	114	141839	50.00	ug/kg	0.00
67) chlorobenzene-d5	12.874	82	60113	50.00	ug/kg	0.00
82) 1,4-dichlorobenzene-d4	15.431	152	84748	50.00	ug/kg	0.00
System Monitoring Compounds						
41) dibromofluoromethane (s)	8.399	113	50691	49.20	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.40%		
61) toluene-d8 (s)	11.410	98	156529	51.36	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	102.72%		
84) bromofluorobenzene (s)	14.092	95	63117	48.69	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.38%		

Target Compounds Qvalue

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

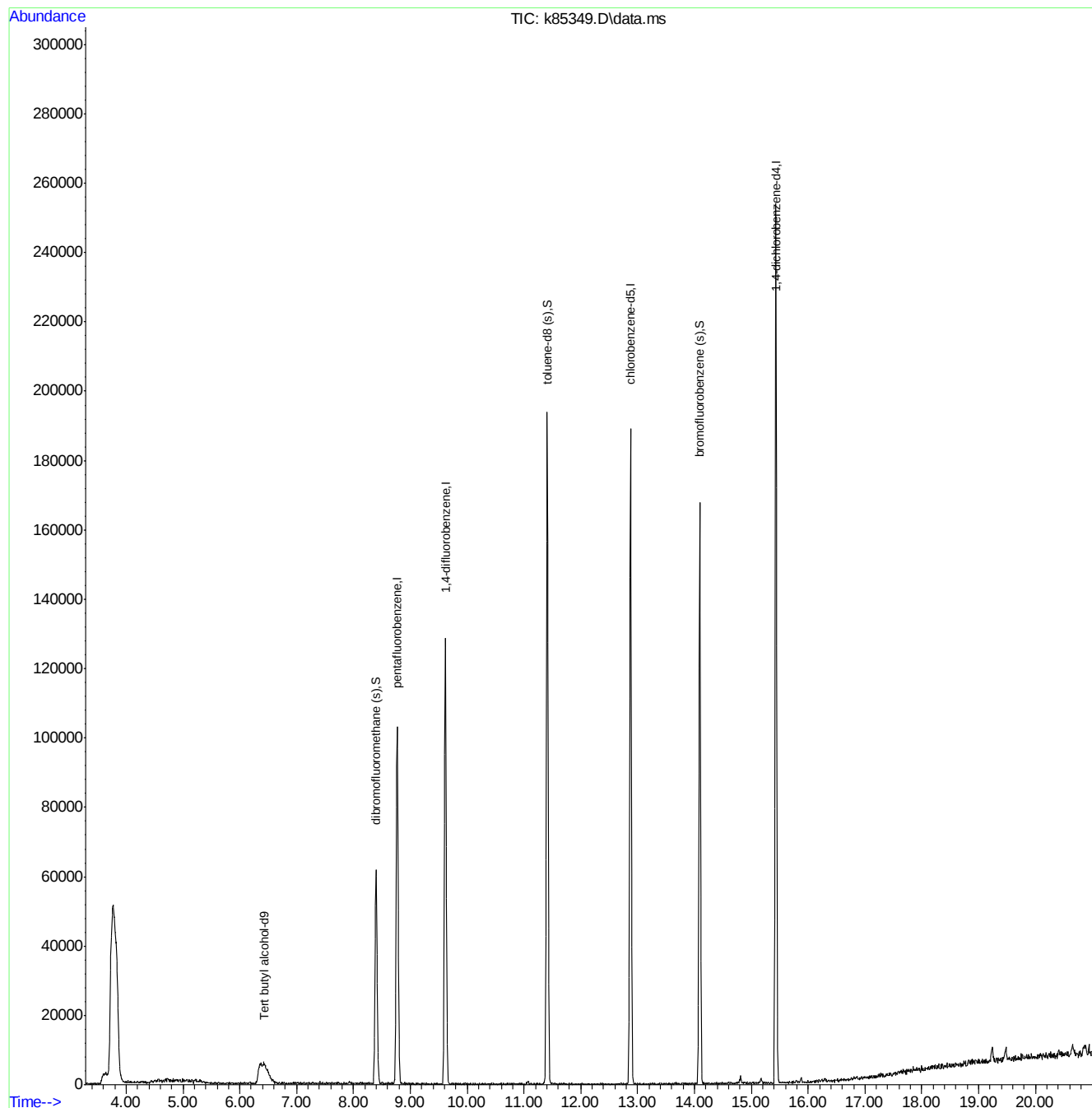
7.1.5

7

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150210\
Data File : k85349.D
Acq On : 10 Feb 2015 1:52 pm
Operator : jaimem
Sample : mc36792-5
Misc : ms33841,msk2670,10.08,,100,10,1
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 10 14:23:49 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Feb 04 10:00:35 2015
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26147.D
Acq On : 10 Feb 2015 1:28 pm
Operator : GaryK
Sample : mc36792-6
Misc : ms33843,msu1100,,,,,5,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 10 14:49:30 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	6.726	65	106417	500.00	ppb	0.04
4) pentafluorobenzene	8.961	168	279461	50.00	ppb	0.00
43) 1,4-difluorobenzene	9.829	114	423033	50.00	ppb	0.00
66) chlorobenzene-d5	13.087	82	155395	50.00	ppb	# 0.00
80) 1,4-dichlorobenzene-d4	15.651	152	193534	50.00	ppb	0.00
System Monitoring Compounds						
40) dibromofluoromethane (s)	8.601	113	142727	46.91	ppb	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.82%
60) toluene-d8 (s)	11.626	98	420693	49.78	ppb	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.56%
82) bromofluorobenzene (s)	14.317	95	139291	49.72	ppb	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.44%

Target Compounds Qvalue

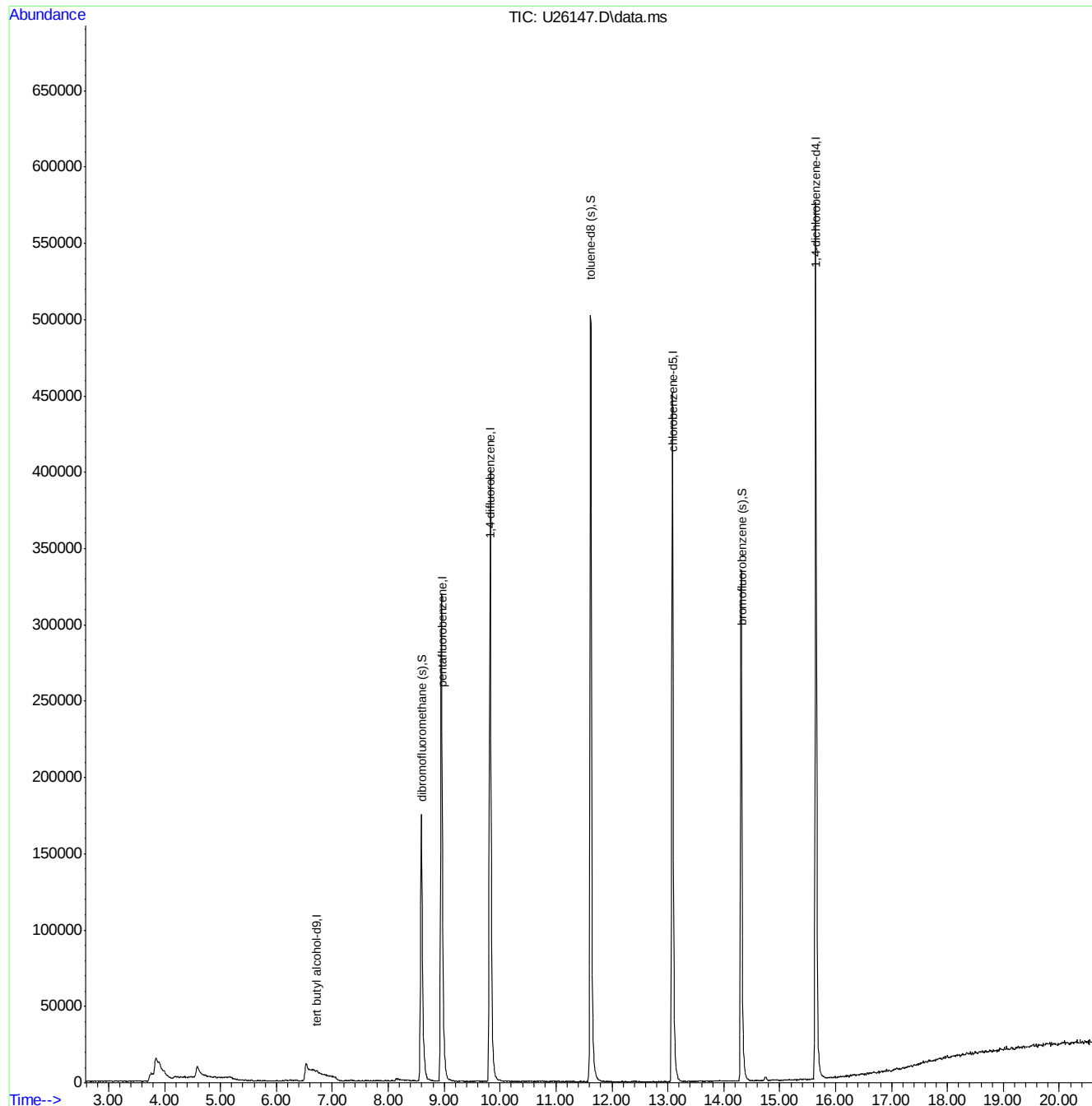
(#) = qualifier out of range (m) = manual integration (+) = signals summed

7.1.6
7

Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150210\
 Data File : U26147.D
 Acq On : 10 Feb 2015 1:28 pm
 Operator : GaryK
 Sample : mc36792-6
 Misc : ms33843,msu1100,,,,5,1
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 10 14:49:30 2015
 Quant Method : D:\msdchem\1\methods\U150115w.m
 Quant Title : SW-846 Method 8260
 QLast Update : Fri Jan 16 15:13:47 2015
 Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150210\
 Data File : k85350.D
 Acq On : 10 Feb 2015 2:21 pm
 Operator : jaimem
 Sample : mc36792-7
 Misc : ms33841,msk2670,9.83,,100,10,1
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 10 14:59:10 2015
 Quant Method : C:\msdchem\1\methods\K150203S.M
 Quant Title : SW-846 Method 8260
 QLast Update : Wed Feb 04 10:00:35 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Tert butyl alcohol-d9	6.397	65	34697	500.00	ug/kg	#-0.01
4) pentafluorobenzene	8.771	168	103763	50.00	ug/kg	0.00
44) 1,4-difluorobenzene	9.617	114	148234	50.00	ug/kg	0.00
67) chlorobenzene-d5	12.874	82	58686	50.00	ug/kg	0.00
82) 1,4-dichlorobenzene-d4	15.432	152	77641	50.00	ug/kg	0.00
System Monitoring Compounds						
41) dibromofluoromethane (s)	8.400	113	53867	50.72	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	101.44%		
61) toluene-d8 (s)	11.409	98	155204	48.73	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.46%		
84) bromofluorobenzene (s)	14.092	95	57886	48.74	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.48%		

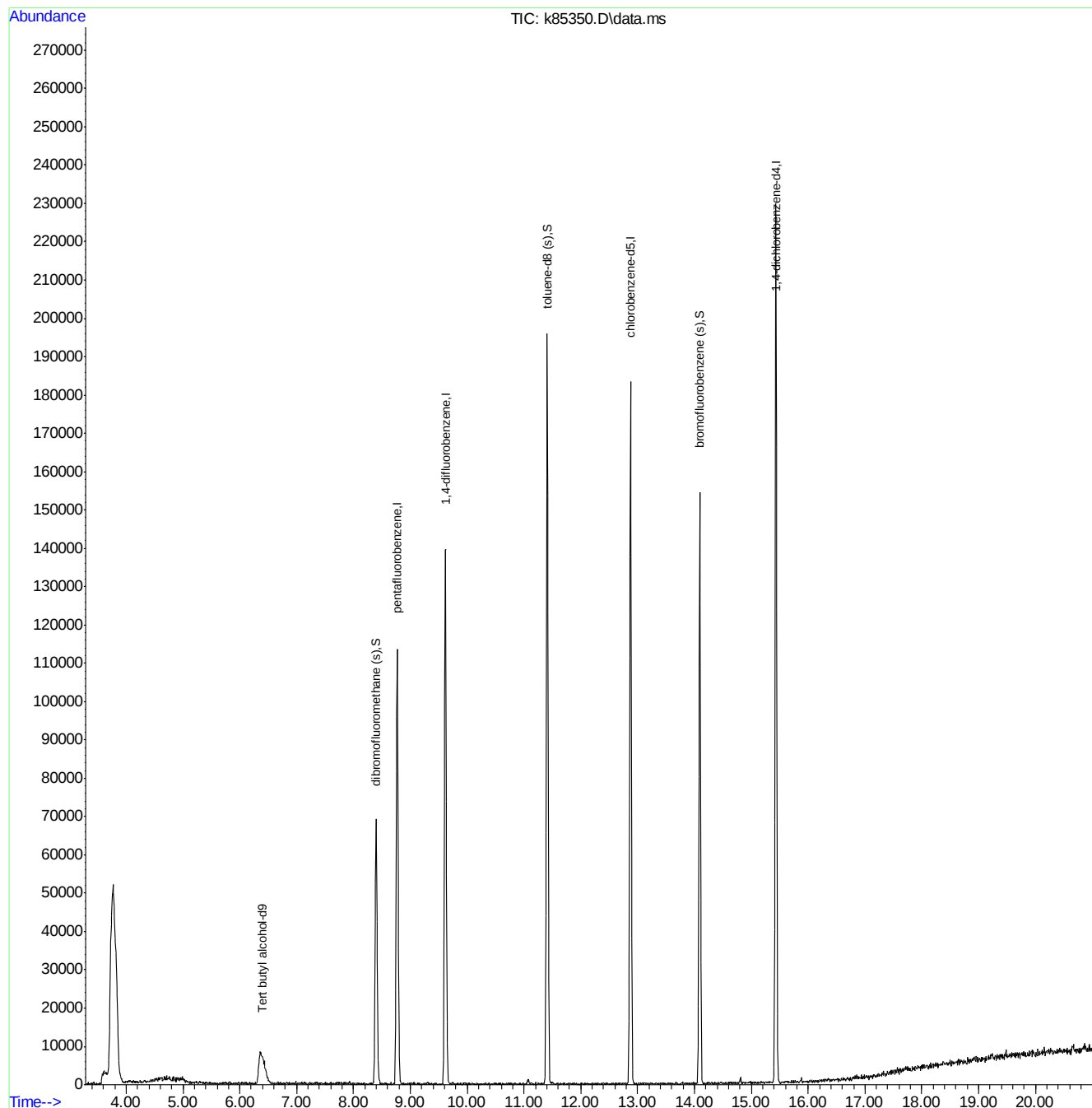
Target Compounds Qvalue

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150210\
Data File : k85350.D
Acq On : 10 Feb 2015 2:21 pm
Operator : jaimem
Sample : mc36792-7
Misc : ms33841,msk2670,9.83,,100,10,1
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 10 14:59:10 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Feb 04 10:00:35 2015
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150210\
 Data File : k85351.D
 Acq On : 10 Feb 2015 2:48 pm
 Operator : jaimem
 Sample : mc36792-8
 Misc : ms33841,msk2670,9.95,,100,10,1
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Feb 10 15:10:38 2015
 Quant Method : C:\msdchem\1\methods\K150203S.M
 Quant Title : SW-846 Method 8260
 QLast Update : Wed Feb 04 10:00:35 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Tert butyl alcohol-d9	6.439	65	41520	500.00	ug/kg	# 0.03
4) pentafluorobenzene	8.772	168	102592	50.00	ug/kg	0.00
44) 1,4-difluorobenzene	9.618	114	146097	50.00	ug/kg	0.00
67) chlorobenzene-d5	12.874	82	61867	50.00	ug/kg	0.00
82) 1,4-dichlorobenzene-d4	15.431	152	86636	50.00	ug/kg	0.00
System Monitoring Compounds						
41) dibromofluoromethane (s)	8.401	113	52903	50.38	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	100.76%		
61) toluene-d8 (s)	11.410	98	162241	51.69	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	103.38%		
84) bromofluorobenzene (s)	14.092	95	64519	48.69	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.38%		

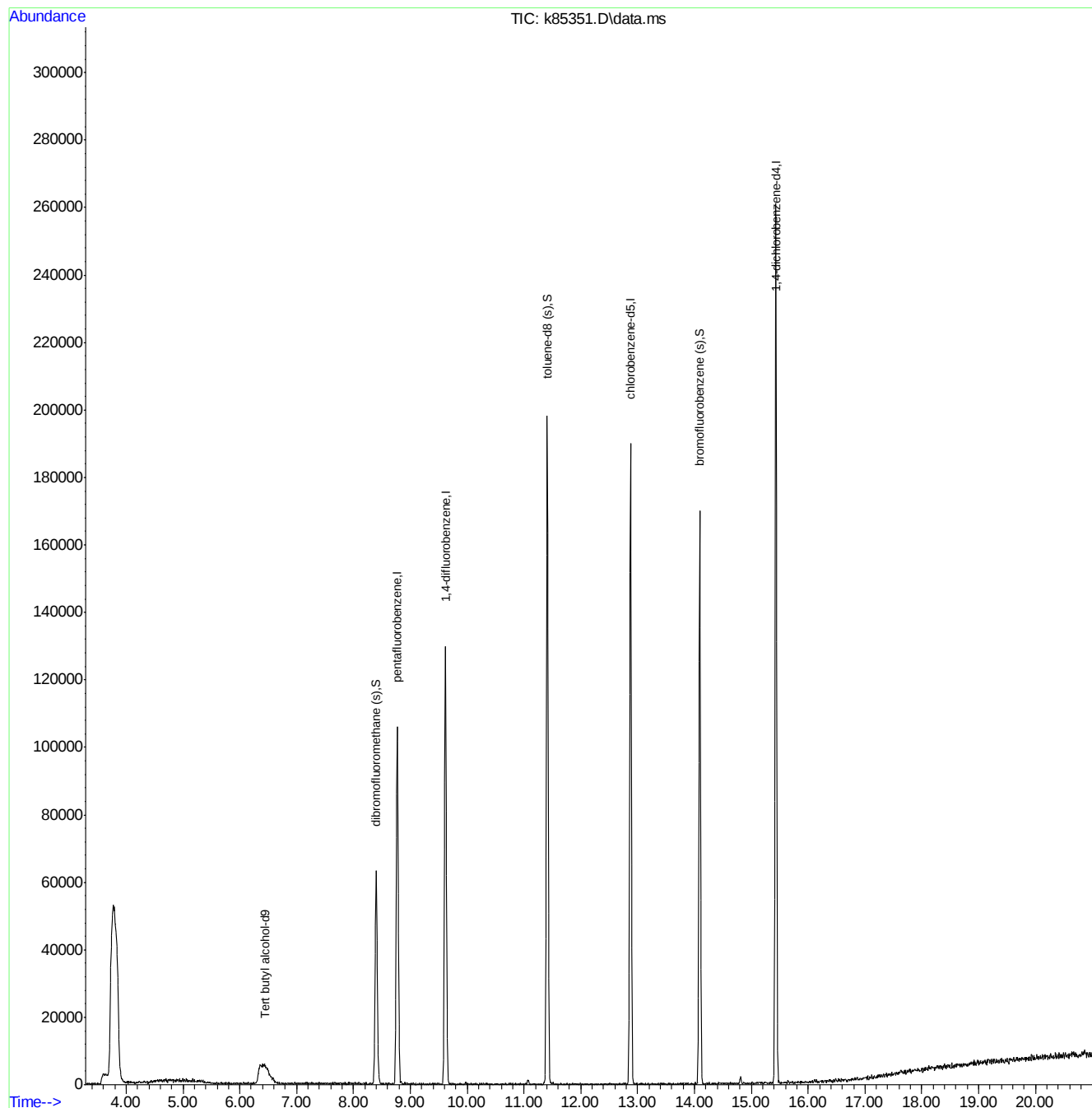
Target Compounds Qvalue

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150210\
Data File : k85351.D
Acq On : 10 Feb 2015 2:48 pm
Operator : jaimem
Sample : mc36792-8
Misc : ms33841,msk2670,9.95,,100,10,1
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Feb 10 15:10:38 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Feb 04 10:00:35 2015
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26145.D
Acq On : 10 Feb 2015 12:32 pm
Operator : GaryK
Sample : mc36792-9
Misc : ms33843,msu1100,,,,5,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 10 14:48:11 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	6.703	65	90877	500.00	ppb	0.02
4) pentafluorobenzene	8.965	168	286535	50.00	ppb	0.00
43) 1,4-difluorobenzene	9.832	114	434965	50.00	ppb	0.00
66) chlorobenzene-d5	13.088	82	158222	50.00	ppb	# 0.00
80) 1,4-dichlorobenzene-d4	15.652	152	194960	50.00	ppb	0.00
System Monitoring Compounds						
40) dibromofluoromethane (s)	8.605	113	147685	47.34	ppb	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.68%		
60) toluene-d8 (s)	11.628	98	431033	49.60	ppb	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.20%		
82) bromofluorobenzene (s)	14.317	95	141680	50.21	ppb	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	100.42%		

Target Compounds	Qvalue

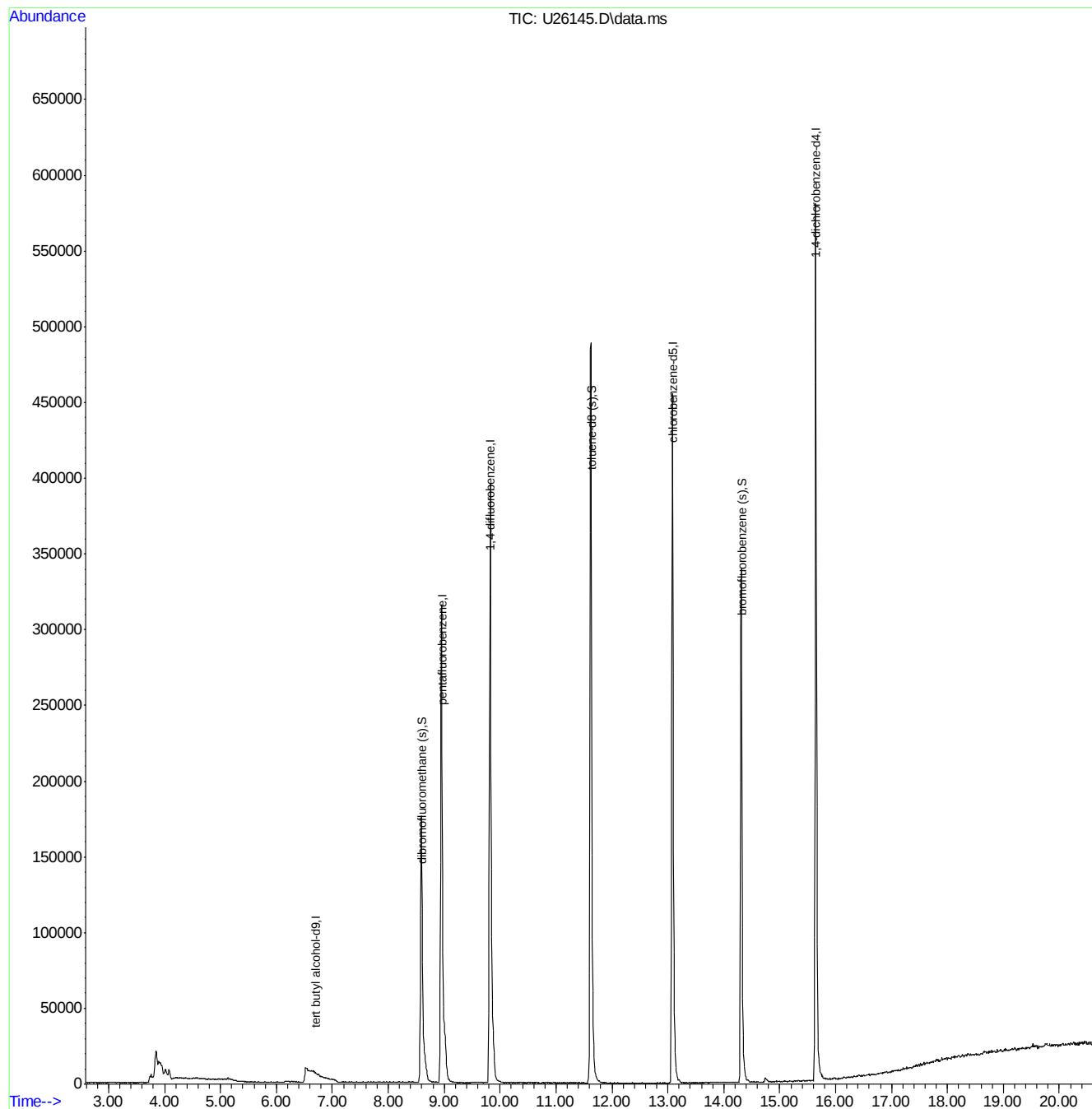
(#)=qualifier out of range (m)=manual integration (+)=signals summed	

7.1.9
7

Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26145.D
Acq On : 10 Feb 2015 12:32 pm
Operator : GaryK
Sample : mc36792-9
Misc : ms33843,msu1100,,,5,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 10 14:48:11 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150210\
Data File : k85342.D
Acq On : 10 Feb 2015 10:35 am
Operator : jaimem
Sample : mb
Misc : ms33827,msk2670,10,,100,10,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 10 11:19:41 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Feb 04 10:00:35 2015
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Tert butyl alcohol-d9	6.379	65	40161	500.00	ug/kg	#-0.03
4) pentafluorobenzene	8.773	168	103258	50.00	ug/kg	0.00
44) 1,4-difluorobenzene	9.619	114	146779	50.00	ug/kg	0.00
67) chlorobenzene-d5	12.875	82	56753	50.00	ug/kg	0.00
82) 1,4-dichlorobenzene-d4	15.432	152	77249	50.00	ug/kg	0.00
System Monitoring Compounds						
41) dibromofluoromethane (s)	8.403	113	55280	52.30	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	104.60%		
61) toluene-d8 (s)	11.411	98	152512	48.36	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.72%		
84) bromofluorobenzene (s)	14.093	95	57455	48.63	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.26%		

Target Compounds Qvalue

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

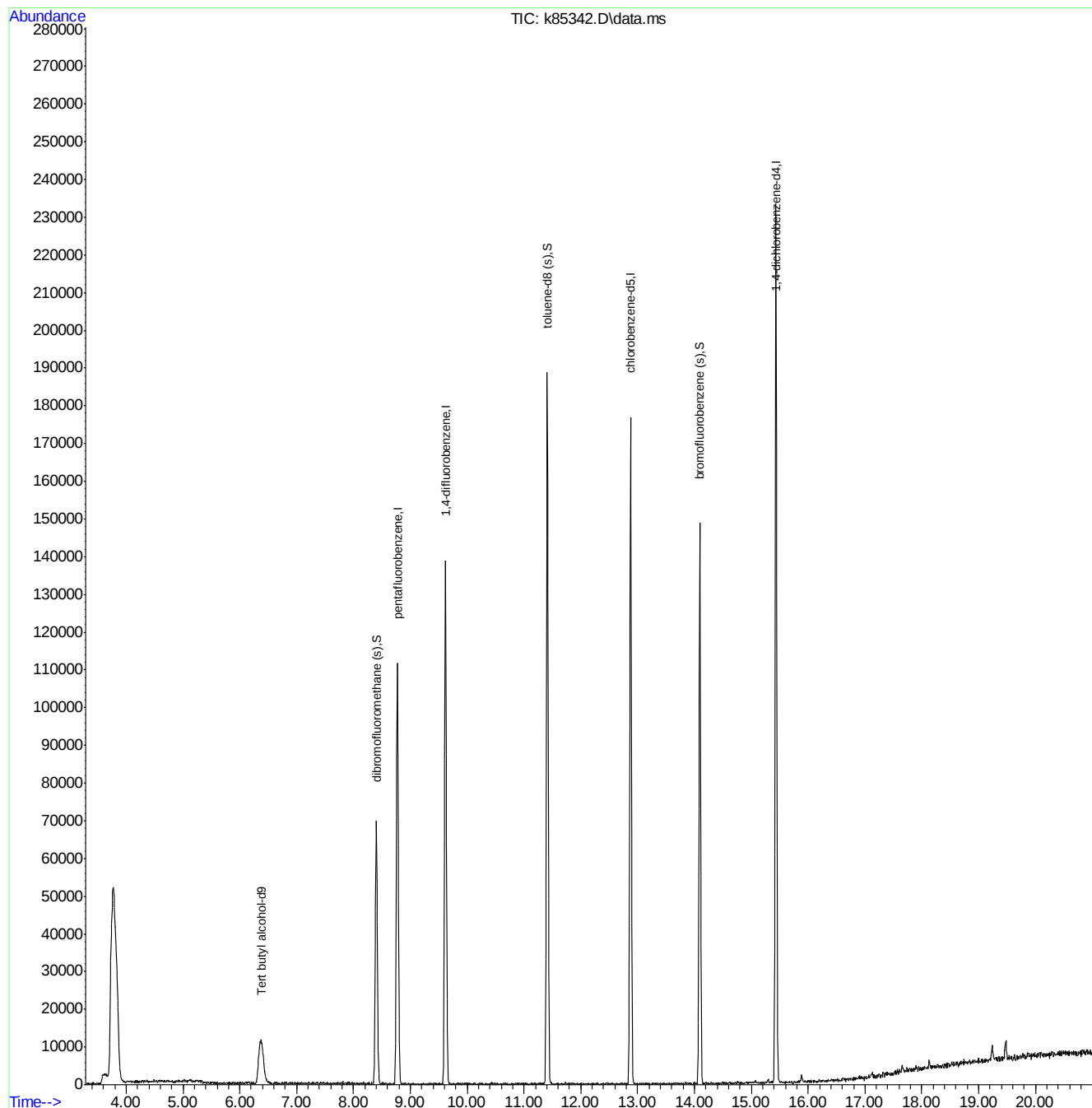
7.2.1

7

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150210\
Data File : k85342.D
Acq On : 10 Feb 2015 10:35 am
Operator : jaimem
Sample : mb
Misc : ms33827,msk2670,10,,100,10,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 10 11:19:41 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Feb 04 10:00:35 2015
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26143.D
Acq On : 10 Feb 2015 11:36 am
Operator : GaryK
Sample : mb
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 10 12:03:18 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	6.658	65	131569	500.00	ppb	-0.03
4) pentafluorobenzene	8.960	168	290541	50.00	ppb	0.00
43) 1,4-difluorobenzene	9.828	114	436599	50.00	ppb	0.00
66) chlorobenzene-d5	13.087	82	155500	50.00	ppb	# 0.00
80) 1,4-dichlorobenzene-d4	15.651	152	201226	50.00	ppb	0.00
System Monitoring Compounds						
40) dibromofluoromethane (s)	8.597	113	144328	45.63	ppb	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.26%		
60) toluene-d8 (s)	11.626	98	428111	49.08	ppb	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.16%		
82) bromofluorobenzene (s)	14.317	95	140105	48.10	ppb	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.20%		

Target Compounds Qvalue

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

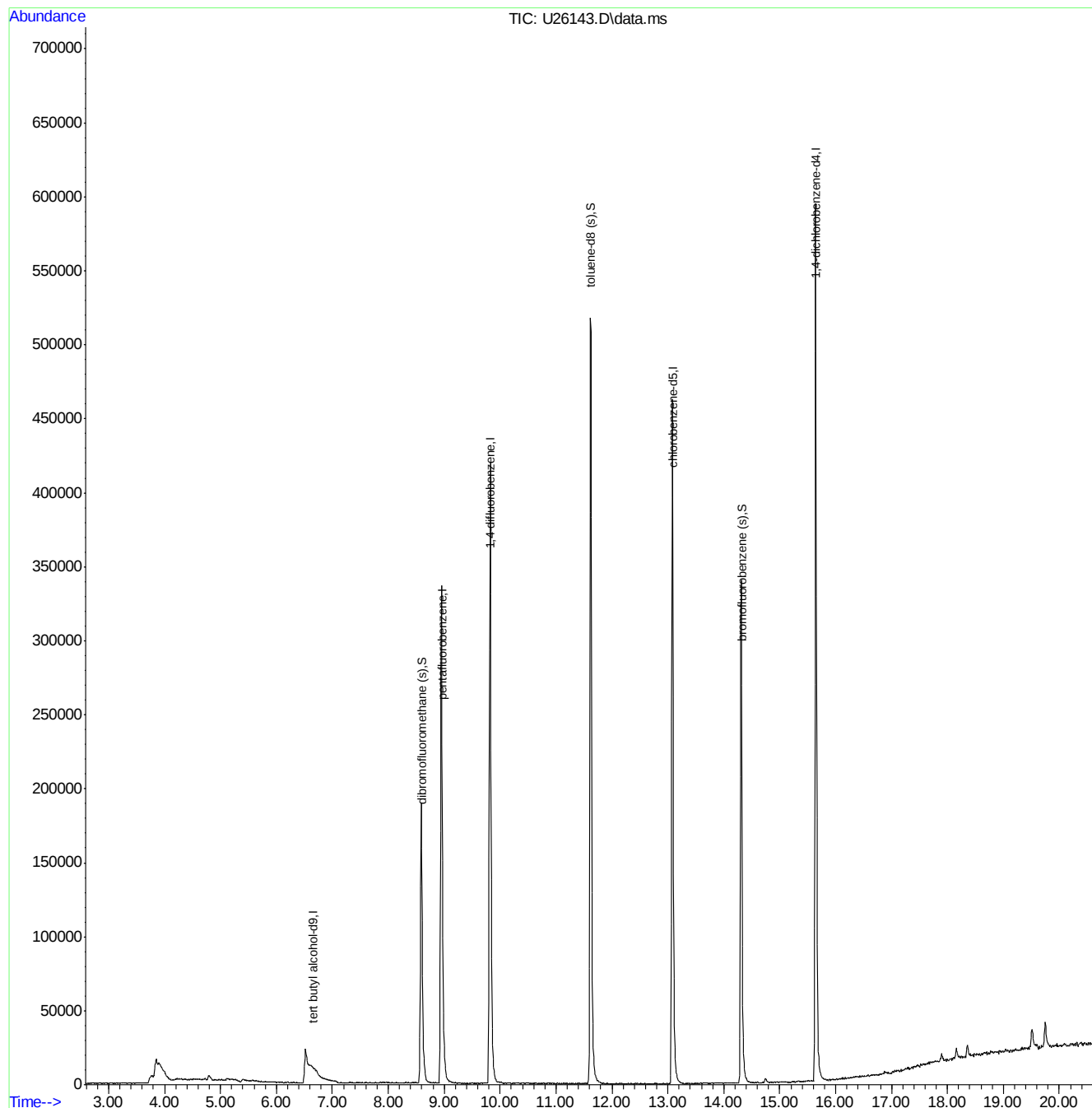
7.2.2

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Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26143.D
Acq On : 10 Feb 2015 11:36 am
Operator : GaryK
Sample : mb
Misc : ms33837,msu1100,,,,,5,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 10 12:03:18 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150210\
 Data File : k85339.D
 Acq On : 10 Feb 2015 9:11 am
 Operator : jaimem
 Sample : bs
 Misc : ms33827,msk2670,10,,100,10,1
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 10 09:37:58 2015
 Quant Method : C:\msdchem\1\methods\K150203S.M
 Quant Title : SW-846 Method 8260
 QLast Update : Wed Feb 04 10:00:35 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Tert butyl alcohol-d9	6.410	65	38650	500.00	ug/kg	# 0.00
4) pentafluorobenzene	8.771	168	101016	50.00	ug/kg	0.00
44) 1,4-difluorobenzene	9.618	114	144643	50.00	ug/kg	0.00
67) chlorobenzene-d5	12.873	82	60395	50.00	ug/kg	0.00
82) 1,4-dichlorobenzene-d4	15.432	152	74348	50.00	ug/kg	0.00
System Monitoring Compounds						
41) dibromofluoromethane (s)	8.400	113	52622	50.89	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	101.78%		
61) toluene-d8 (s)	11.410	98	155354	49.99	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.98%		
84) bromofluorobenzene (s)	14.093	95	55209	48.55	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.10%		
Target Compounds						
						Qvalue
2) tertiary butyl alcohol	6.497	59	47548	459.14	ug/kg#	76
3) Ethanol	5.422	45	58150	5476.76	ug/kg#	100
5) dichlorodifluoromethane	4.207	85	44902	42.97	ug/kg	87
6) chloromethane	4.415	50	72023	43.08	ug/kg	94
7) vinyl chloride	4.644	62	25181	48.98	ug/kg	96
8) bromomethane	5.176	96	51086	46.10	ug/kg	97
9) chloroethane	5.277	64	20738	39.91	ug/kg	85
10) dichlorofluoromethane	5.329	67	63735	46.06	ug/kg	100
11) ethyl ether	6.109	59	29550	47.02	ug/kg	100
12) acetonitrile	5.890	41	6233	38.61	ug/kg	74
13) trichlorofluoromethane	5.904	101	60115	47.80	ug/kg	99
14) freon-113	6.663	101	23422	47.83	ug/kg	87
15) acrolein	5.856	56	15047	218.27	ug/kg	100
16) 1,1-dichloroethene	6.459	96	44739	48.11	ug/kg#	77
17) acetone	5.994	58	799m	25.29	ug/kg	
18) Methyl Acetate	6.602	43	31663	38.07	ug/kg#	90
19) methylene chloride	6.600	84	51312	48.33	ug/kg	82
20) methyl tert butyl ether	7.380	73	100534	46.77	ug/kg	92
21) acrylonitrile	6.486	53	14136	48.82	ug/kg	98
22) allyl chloride	6.684	41	64144	49.82	ug/kg	71
23) trans-1,2-dichloroethene	7.269	96	51438	47.30	ug/kg	94
24) iodomethane	6.508	142	113989	50.63	ug/kg	97
25) carbon disulfide	6.874	76	148829	46.93	ug/kg	99
26) propionitrile	7.509	54	5322	50.98	ug/kg	100
27) vinyl acetate	7.596	43	69820	83.21	ug/kg	94
28) chloroprene	7.884	53	52406	42.27	ug/kg	58
29) di-isopropyl ether	7.939	45	128402	47.33	ug/kg	95
30) methacrylonitrile	8.018	41	18971	44.13	ug/kg	73
31) 2-butanone	7.923	72	2058	32.37	ug/kg#	1
32) Hexane	7.926	41	59774	46.82	ug/kg#	74
33) 1,1-dichloroethane	7.524	63	74608	44.93	ug/kg	91
34) tert-butyl ethyl ether	8.328	59	114076	45.61	ug/kg	88
35) isobutyl alcohol	8.348	43	21032	334.85	ug/kg	89
36) 2,2-dichloropropane	8.385	77	61759	47.69	ug/kg	97

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150210\
 Data File : k85339.D
 Acq On : 10 Feb 2015 9:11 am
 Operator : jaimem
 Sample : bs
 Misc : ms33827,msk2670,10,,100,10,1
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 10 09:37:58 2015
 Quant Method : C:\msdchem\1\methods\K150203S.M
 Quant Title : SW-846 Method 8260
 QLast Update : Wed Feb 04 10:00:35 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) cis-1,2-dichloroethene	8.097	96	54484	49.25	ug/kg	84
38) ethyl acetate	8.208	43	23359	37.28	ug/kg	94
39) bromochloromethane	8.249	128	31280	47.27	ug/kg	91
40) chloroform	8.288	83	79783	45.86	ug/kg	98
42) Tetrahydrofuran	8.611	42	9800	45.34	ug/kg	55
43) 1,1,1-trichloroethane	9.046	97	77813	47.10	ug/kg	93
45) Cyclohexane	9.344	56	60937	47.07	ug/kg#	83
46) carbon tetrachloride	9.405	117	77727	45.76	ug/kg	95
47) 1,1-dichloropropene	9.218	75	52920	44.74	ug/kg	98
48) benzene	9.416	78	159218	44.88	ug/kg	95
49) 1,2-dichloroethane	8.925	62	54650	46.42	ug/kg	93
50) tert-amyl methyl ether	9.566	73	113448	46.73	ug/kg	82
51) heptane	9.930	43	48744	49.49	ug/kg	83
52) trichloroethene	10.054	95	47947	47.40	ug/kg	92
53) 1,2-dichloropropane	10.008	63	40069	48.07	ug/kg	98
54) dibromomethane	9.981	93	28254	45.63	ug/kg	88
55) bromodichloromethane	10.094	83	55316	45.97	ug/kg	93
56) Methylcyclohexane	10.590	83	73254	47.98	ug/kg#	84
57) 2-chloroethyl vinyl ether	10.465	63	20283	43.01	ug/kg	98
58) methyl methacrylate	10.184	69	20075	44.85	ug/kg#	54
59) 1,4-dioxane	10.192	88	2430	245.04	ug/kg	73
60) cis-1,3-dichloropropene	10.719	75	64473	49.86	ug/kg	92
62) 4-methyl-2-pentanone	10.800	43	32104	45.91	ug/kg	92
63) toluene	11.482	92	97969	45.51	ug/kg	95
64) trans-1,3-dichloropropene	11.131	75	52629	46.98	ug/kg	97
65) 1,1,2-trichloroethane	11.302	83	28174	46.59	ug/kg	92
66) ethyl methacrylate	11.505	69	40082	47.86	ug/kg	90
68) tetrachloroethene	12.239	166	52237	48.17	ug/kg	98
69) 1,3-dichloropropane	11.540	76	51484	51.62	ug/kg	95
70) dibromochloromethane	11.820	129	50451	48.13	ug/kg	91
71) 1,2-dibromoethane	12.068	107	38779	49.01	ug/kg	82
72) 2-hexanone	11.656	43	11383	34.37	ug/kg	96
73) chlorobenzene	12.908	112	113150	45.55	ug/kg	99
74) 1,1,1,2-tetrachloroethane	12.836	131	60638	50.52	ug/kg	84
75) ethylbenzene	13.079	91	185361	49.47	ug/kg	96
76) m,p-xylene	13.262	106	149050	95.38	ug/kg	100
77) o-xylene	13.675	106	77418	46.96	ug/kg	86
78) styrene	13.599	104	117845	49.32	ug/kg	81
79) bromoform	13.419	173	30570	48.14	ug/kg	98
80) cis-1,4-dichloro-2-butene	13.508	88	15712	53.56	ug/kg#	78
81) trans-1,4-dichloro-2-b...	13.829	53	10379	48.39	ug/kg#	42
83) isopropylbenzene	14.041	105	210871	44.17	ug/kg	97
85) bromobenzene	14.326	156	59898	45.52	ug/kg	88
86) 1,1,2,2-tetrachloroethane	13.687	83	45168	47.14	ug/kg	93
87) 1,2,3-trichloropropane	13.829	75	48167	47.36	ug/kg	97
88) n-propylbenzene	14.487	91	213920	43.53	ug/kg	100
89) 2-chlorotoluene	14.608	91	129850	43.53	ug/kg	98
90) 4-chlorotoluene	14.684	91	125550	44.30	ug/kg	96
91) 1,3,5-trimethylbenzene	14.759	105	189697	46.44	ug/kg	93
92) tert-butylbenzene	15.066	91	93768	42.89	ug/kg	96

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150210\
Data File : k85339.D
Acq On : 10 Feb 2015 9:11 am
Operator : jaimem
Sample : bs
Misc : ms33827,msk2670,10,,100,10,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 10 09:37:58 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Feb 04 10:00:35 2015
Response via : Initial Calibration

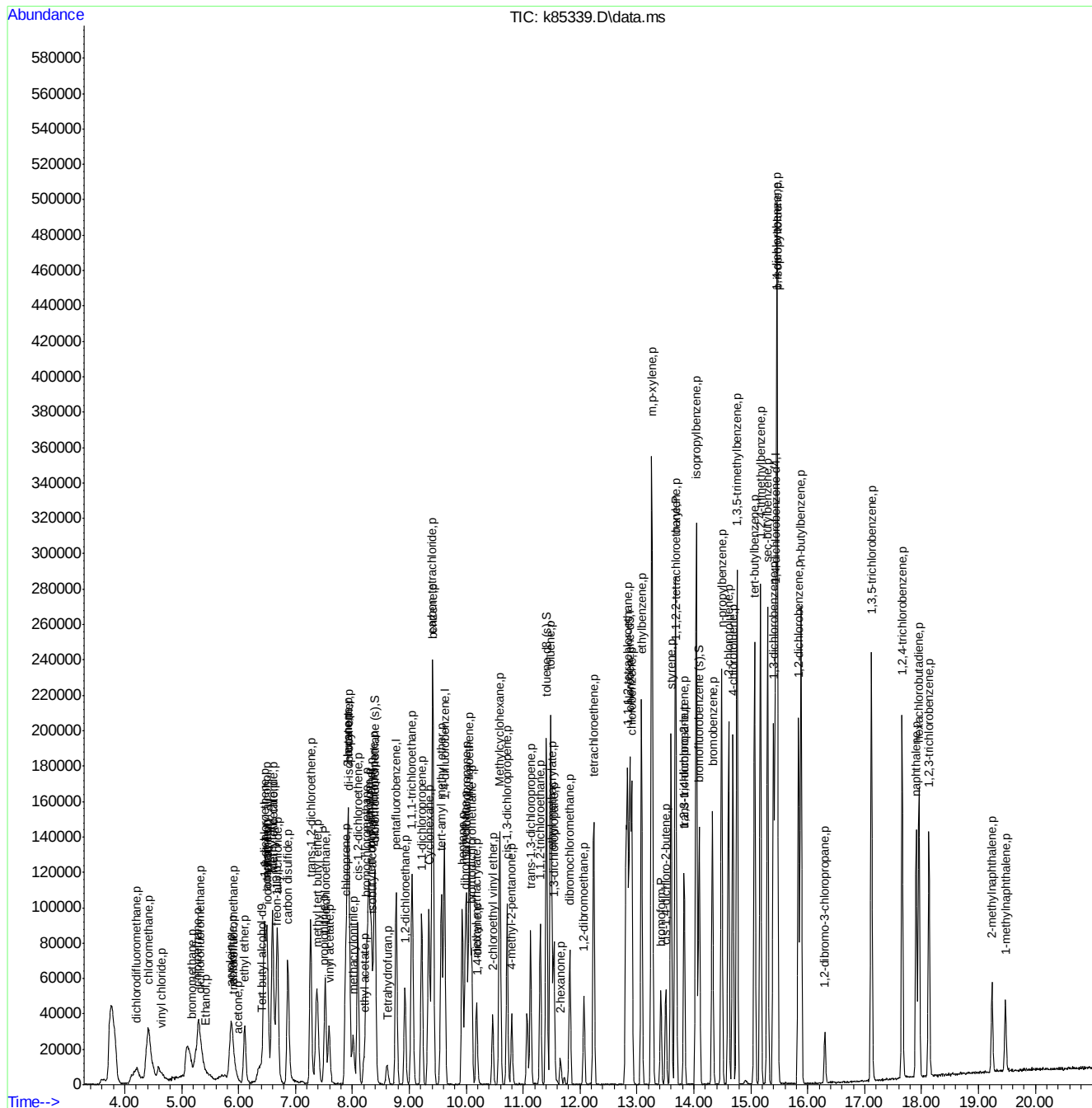
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93)	1,2,4-trimethylbenzene	15.169	105	186409	44.41	ug/kg	87
94)	sec-butylbenzene	15.294	105	228158	43.88	ug/kg	97
95)	1,3-dichlorobenzene	15.397	146	107469	44.18	ug/kg	98
96)	p-isopropyltoluene	15.461	119	209803	45.18	ug/kg	98
97)	1,4-dichlorobenzene	15.460	146	105924	44.54	ug/kg	99
98)	1,2-dichlorobenzene	15.838	146	110377	44.04	ug/kg	99
99)	n-butylbenzene	15.882	91	170947	46.27	ug/kg	92
100)	1,2-dibromo-3-chloropr...	16.302	75	7568	43.86	ug/kg	83
101)	1,3,5-trichlorobenzene	17.119	180	94918	43.32	ug/kg	99
102)	1,2,4-trichlorobenzene	17.659	180	78241	45.16	ug/kg	100
103)	hexachlorobutadiene	17.954	225	37159	46.72	ug/kg	95
104)	naphthalene	17.906	128	138323	41.34	ug/kg	100
105)	1,2,3-trichlorobenzene	18.130	180	55819	43.97	ug/kg	95
106)	2-methylnaphthalene	19.239	142	32296	30.17	ug/kg	96
107)	1-methylnaphthalene	19.474	142	27070	35.45	ug/kg#	1

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150210\
Data File : k85339.D
Acq On : 10 Feb 2015 9:11 am
Operator : jaimem
Sample : bs
Misc : ms33827,msk2670,10,,100,10,1
ALS Vial : 4 Sample Multiplier: 1

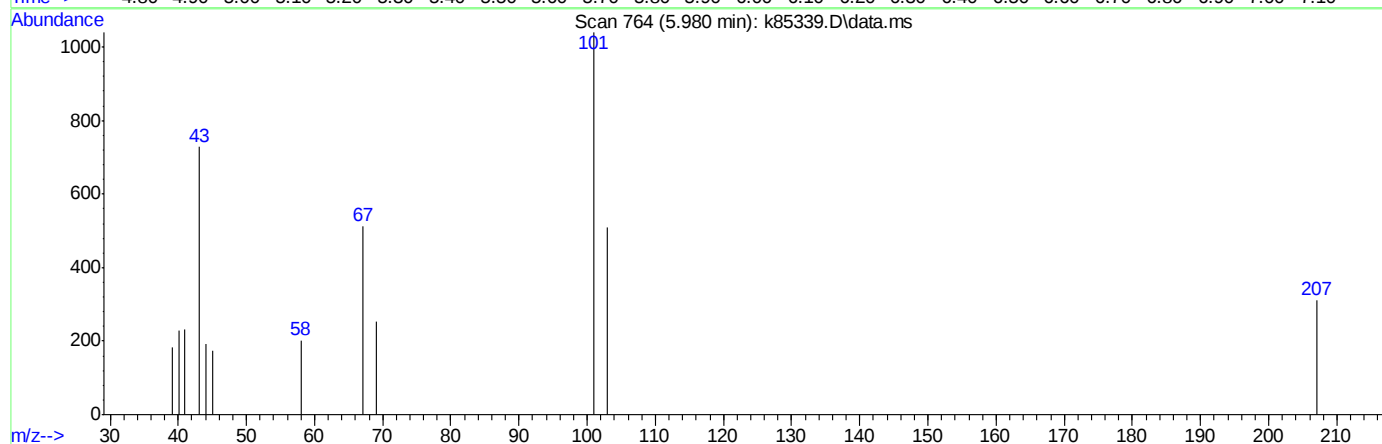
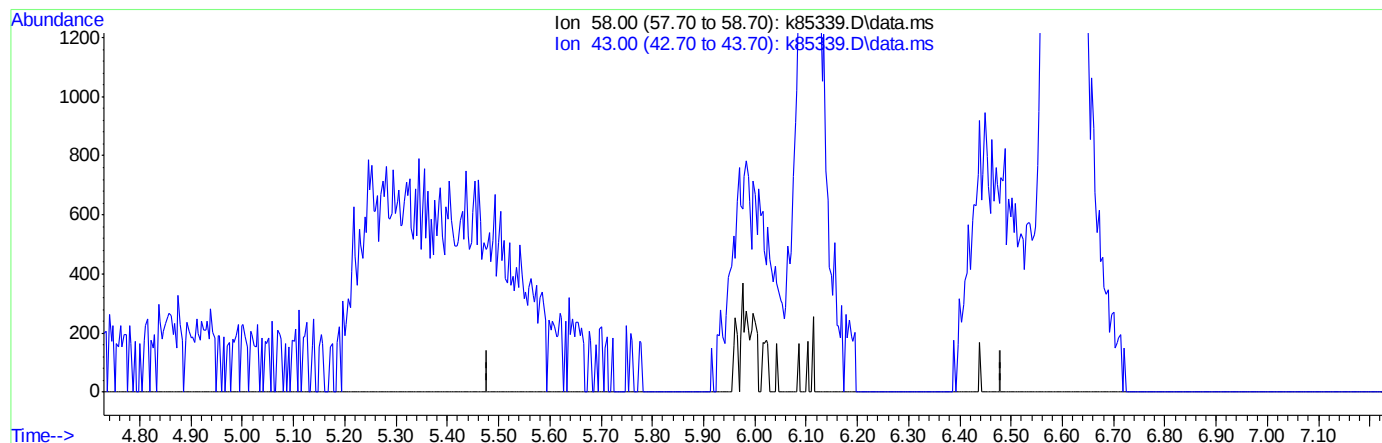
Quant Time: Feb 10 09:37:58 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Feb 04 10:00:35 2015
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150210\
Data File : k85339.D
Acq On : 10 Feb 2015 9:11 am
Operator : jaimem
Sample : bs
Misc : ms33827,msk2670,10,,100,10,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 10 09:36:57 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Feb 04 10:00:35 2015
Response via : Initial Calibration



TIC: k85339.D\data.ms

(17) acetone (p)

5.980min (-5.980) 0.00ug/kg

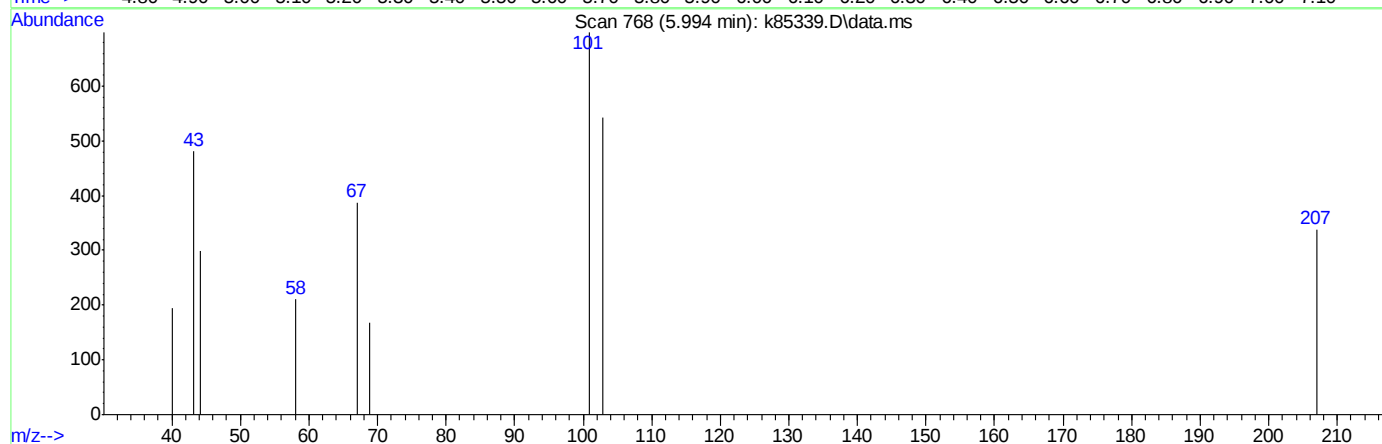
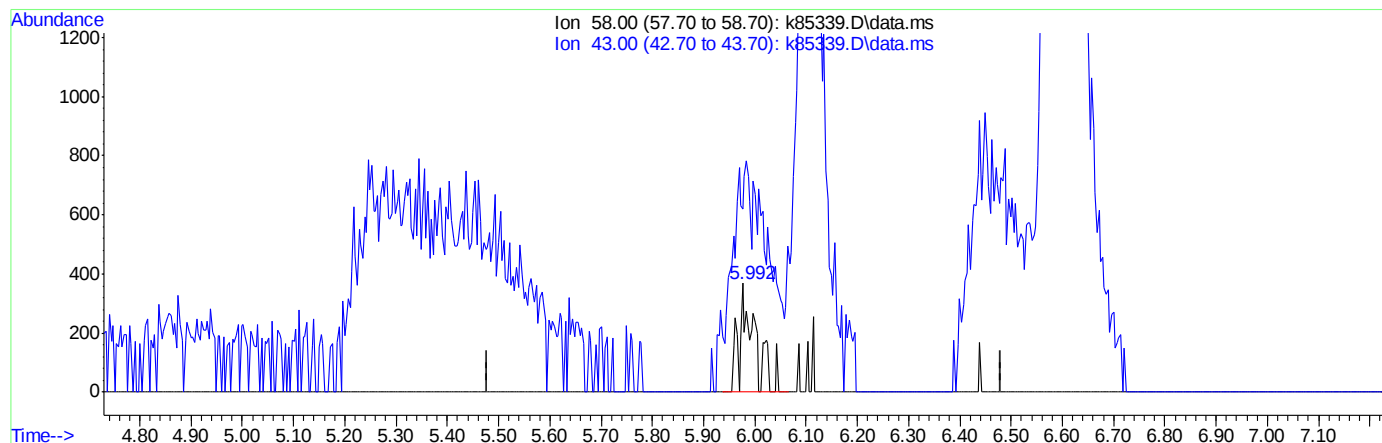
response 0

Ion	Exp%	Act%
58.00	100	0.00
43.00	21.80	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150210\
Data File : k85339.D
Acq On : 10 Feb 2015 9:11 am
Operator : jaimem
Sample : bs
Misc : ms33827,msk2670,10,,100,10,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 10 09:36:57 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Feb 04 10:00:35 2015
Response via : Initial Calibration



TIC: k85339.D\data.ms

(17) acetone (p)

5.994min (+0.014) 25.29ug/kg m

response 799

Ion	Exp%	Act%
58.00	100	100
43.00	21.80	228.44#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150210\
 Data File : U26140.D
 Acq On : 10 Feb 2015 10:13 am
 Operator : GaryK
 Sample : bs
 Misc : ms33837,msu1100,,,,5,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:49:24 2015
 Quant Method : D:\msdchem\1\methods\U150115w.m
 Quant Title : SW-846 Method 8260
 QLast Update : Fri Jan 16 15:13:47 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	6.732	65	93808	500.00	ppb	0.04
4) pentafluorobenzene	8.964	168	295374	50.00	ppb	0.00
43) 1,4-difluorobenzene	9.829	114	448549	50.00	ppb	0.00
66) chlorobenzene-d5	13.081	82	176224	50.00	ppb	# 0.00
80) 1,4-dichlorobenzene-d4	15.645	152	202142	50.00	ppb	0.00
System Monitoring Compounds						
40) dibromofluoromethane (s)	8.605	113	165159	51.36	ppb	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	102.72%		
60) toluene-d8 (s)	11.624	98	459375	51.26	ppb	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	102.52%		
82) bromofluorobenzene (s)	14.310	95	145849	49.85	ppb	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.70%		
Target Compounds						
						Qvalue
2) tertiary butyl alcohol	6.803	59	136955m	558.45	ppb	
3) Ethanol	5.737	45	90820	5803.47	ppb	99
5) dichlorodifluoromethane	4.322	85	198935	36.02	ppb	98
6) chloromethane	4.545	50	256959	54.13	ppb	97
7) vinyl chloride	4.801	62	228926	55.17	ppb	99
8) bromomethane	5.275	96	145171	48.98	ppb	100
9) chloroethane	5.398	64	94000m	64.95	ppb	
10) ethyl ether	6.265	59	93331m	50.61	ppb	
11) acetonitrile	6.104	41	14786m	56.69	ppb	
12) trichlorofluoromethane	6.085	101	297320	53.26	ppb	98
13) freon-113	6.837	101	191969	51.77	ppb	90
15) 1,1-dichloroethene	6.637	96	156902	51.72	ppb	90
16) acetone	6.171	58	9213m	52.19	ppb	
17) Methyl Acetate	6.891	43	147435m	41.23	ppb	
18) methylene chloride	6.776	84	169218m	58.23	ppb	
19) methyl tert butyl ether	7.571	73	417553	59.57	ppb	98
20) acrylonitrile	6.781	53	59954	57.65	ppb	94
21) allyl chloride	6.871	41	222299	51.54	ppb	90
22) trans-1,2-dichloroethene	7.458	96	142855	51.80	ppb	# 80
23) iodomethane	6.692	142	344548	52.05	ppb	97
24) carbon disulfide	7.070	76	545838	54.00	ppb	100
25) propionitrile	8.064	54	10665	50.27	ppb	100
26) vinyl acetate	7.820	43	279981	91.29	ppb	94
27) chloroprene	8.073	53	192201	52.89	ppb	88
28) di-isopropyl ether	8.101	45	417465m	56.96	ppb	
29) methacrylonitrile	8.229	41	99977m	57.71	ppb	
30) 2-butanone	8.128	72	15351m	40.84	ppb	
31) Ethyl Acetate	8.116	43	400896	57.59	ug/L	# 65
32) Hexane	8.086	41	184784	49.47	ppb	# 81
33) 1,1-dichloroethane	7.710	63	242077	58.00	ppb	94
34) tert-butyl ethyl ether	8.504	59	452330m	59.01	ppb	
35) isobutyl alcohol	8.534	43	86284	309.70	ppb	# 1
36) 2,2-dichloropropane	8.569	77	167078	52.38	ppb	87
37) cis-1,2-dichloroethene	8.278	96	165598	54.29	ppb	# 81

Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150210\
 Data File : U26140.D
 Acq On : 10 Feb 2015 10:13 am
 Operator : GaryK
 Sample : bs
 Misc : ms33837,msu1100,,,,,5,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:49:24 2015
 Quant Method : D:\msdchem\1\methods\U150115w.m
 Quant Title : SW-846 Method 8260
 QLast Update : Fri Jan 16 15:13:47 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) bromochloromethane	8.451	128	96826	53.02	ppb	# 69
39) chloroform	8.483	83	267047	57.42	ppb	89
41) Tetrahydrofuran	8.864	42	43876	45.24	ppb	82
42) 1,1,1-trichloroethane	9.235	97	237806	51.79	ppb	97
44) Cyclohexane	9.521	56	268921	58.57	ppb	# 84
45) carbon tetrachloride	9.596	117	219649	48.49	ppb	96
46) 1,1-dichloropropene	9.404	75	167176	50.87	ppb	90
47) benzene	9.627	78	517341	59.37	ppb	99
48) 1,2-dichloroethane	9.129	62	182426m	50.45	ppb	
49) tert-amyl methyl ether	9.755	73	419104	59.56	ppb	95
50) heptane	10.099	43	151701	53.67	ppb	# 30
51) trichloroethene	10.247	95	171617	58.38	ppb	82
52) 1,2-dichloropropane	10.216	63	132223	60.73	ppb	93
53) dibromomethane	10.203	93	103574	58.28	ppb	80
54) bromodichloromethane	10.304	83	206271	57.13	ppb	94
55) Methylcyclohexane	10.768	83	256179	59.69	ppb	# 80
56) 2-chloroethyl vinyl ether	10.683	63	26657m	64.14	ppb	
57) methyl methacrylate	10.415	69	66405	47.56	ppb	81
59) cis-1,3-dichloropropene	10.922	75	203665	59.68	ppb	87
61) 4-methyl-2-pentanone	11.036	43	128610	46.84	ppb	94
62) toluene	11.696	92	292904	55.01	ppb	97
63) trans-1,3-dichloropropene	11.344	75	156170	58.05	ppb	95
64) 1,1,2-trichloroethane	11.517	83	90221	55.98	ppb	95
65) ethyl methacrylate	11.728	69	125256	50.79	ppb	# 23
67) tetrachloroethene	12.438	166	136874	49.48	ppb	96
68) 1,3-dichloropropane	11.751	76	164620	55.92	ppb	92
69) dibromochloromethane	12.040	129	161611	51.84	ppb	96
70) 1,2-dibromoethane	12.294	107	116741	50.89	ppb	98
71) 2-hexanone	11.902	43	91065	63.03	ppb	94
72) chlorobenzene	13.118	112	332768	49.08	ppb	90
73) 1,1,1,2-tetrachloroethane	13.037	131	169226	52.73	ppb	98
74) ethylbenzene	13.293	91	545404	53.18	ppb	94
75) m,p-xylene	13.477	106	432116	102.57	ppb	90
76) o-xylene	13.890	106	237943	51.51	ppb	90
77) styrene	13.818	104	336090	50.56	ppb	95
78) bromoform	13.646	173	90349	46.15	ppb	100
79) trans-1,4-dichloro-2-b...	14.047	53	26861	39.12	ppb	# 37
81) isopropylbenzene	14.253	105	649611	58.31	ppb	96
83) bromobenzene	14.541	156	154879	51.46	ppb	# 80
84) 1,1,2,2-tetrachloroethane	13.897	83	159426	65.91	ppb	99
85) 1,2,3-trichloropropane	14.046	75	140755	53.56	ppb	96
86) n-propylbenzene	14.699	91	661858	56.56	ppb	93
87) 2-chlorotoluene	14.816	91	418525	56.56	ppb	84
88) 4-chlorotoluene	14.893	91	380949	54.03	ppb	87
89) 1,3,5-trimethylbenzene	14.975	105	624699	63.75	ppb	94
90) tert-butylbenzene	15.280	91	344370	58.84	ppb	84
91) 1,2,4-trimethylbenzene	15.384	105	608417	59.76	ppb	97
92) sec-butylbenzene	15.504	105	792243	59.46	ppb	95
93) 1,3-dichlorobenzene	15.606	146	309366	53.14	ppb	99
94) p-isopropyltoluene	15.677	119	725566	59.70	ppb	95

Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:49:24 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) 1,4-dichlorobenzene	15.673	146	321860	53.75	ppb	100
96) 1,2-dichlorobenzene	16.042	146	353089	55.00	ppb	97
97) n-butylbenzene	16.096	91	617936	61.50	ppb	90
98) 1,2-dibromo-3-chloropr...	16.523	75	36185	53.63	ppb	72
99) 1,3,5-trichlorobenzene	17.333	180	334886	55.64	ug/L	95
100) 1,2,4-trichlorobenzene	17.870	180	358000m	60.72	ppb	
101) hexachlorobutadiene	18.159	225	141479m	59.84	ppb	
102) naphthalene	18.136	128	934641	57.42	ppb	100
103) 2-Methylnaphthalene	19.499	142	331101	33.82	ug/L	98
104) 1-Methylnaphthalene	19.745	142	264063	35.36	ug/L	97
105) 1,2,3-trichlorobenzene	18.341	180	362447m	60.47	ppb	

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

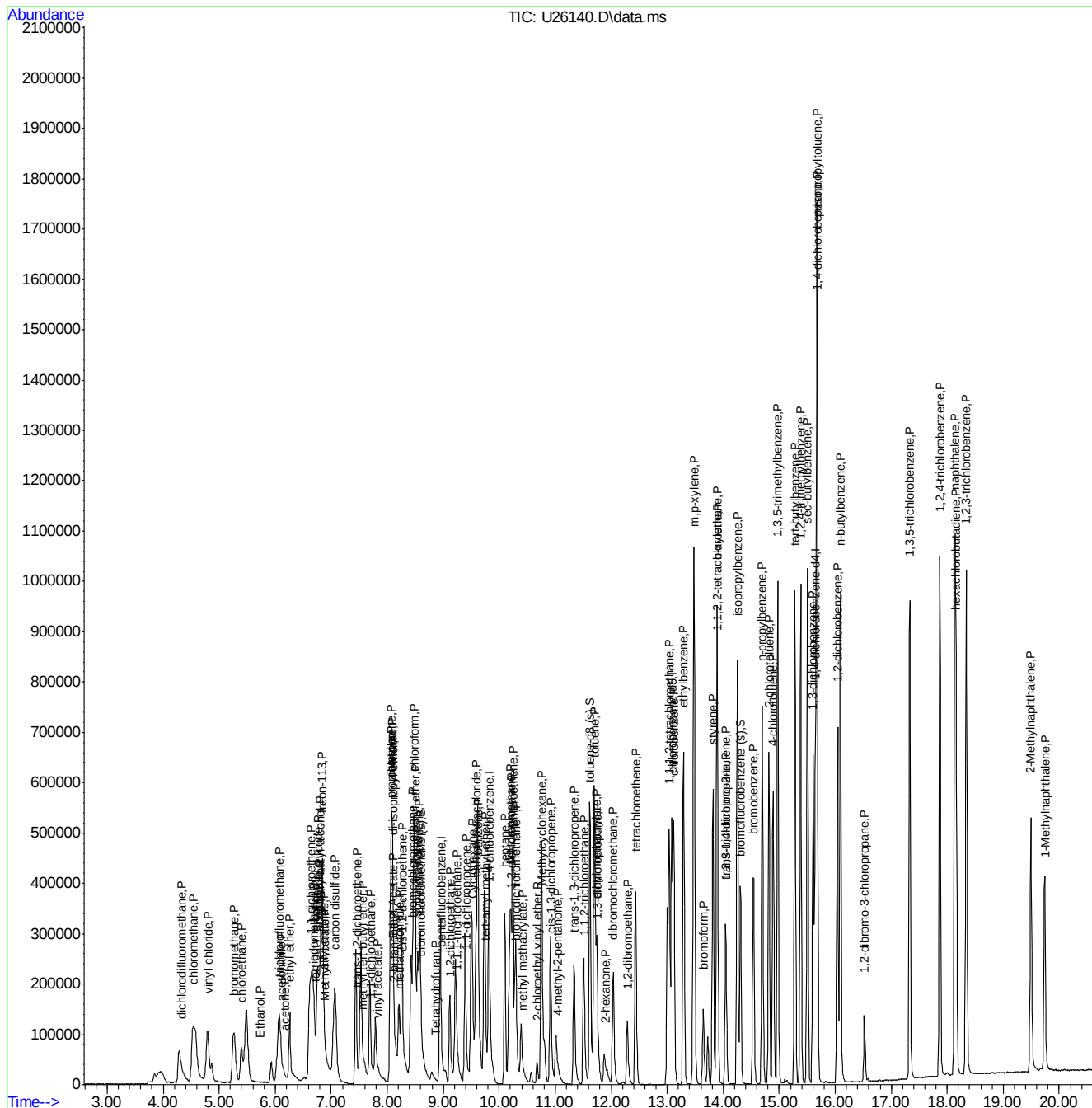
7.3.2

7

Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:49:24 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



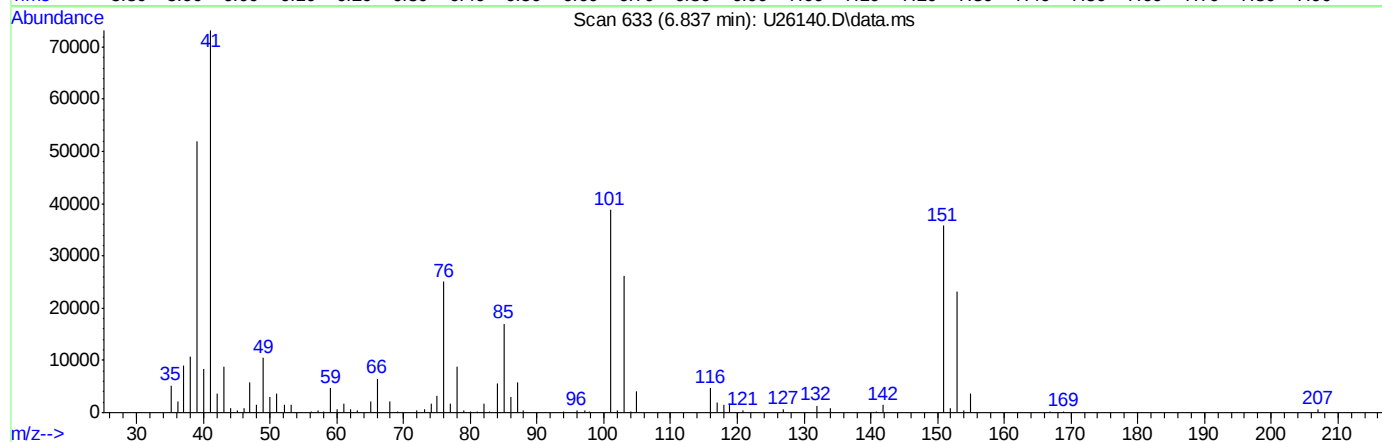
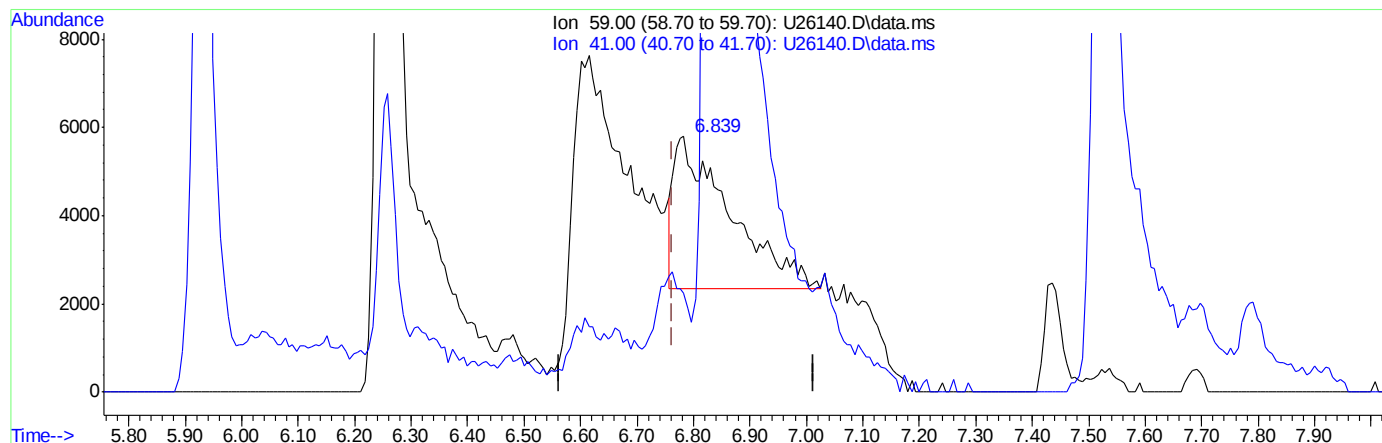
U150115w.m Tue Feb 10 12:02:34 2015

Page: 4

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(2) tertiary butyl alcohol (P)

6.839min (+0.076) 104.34ppb

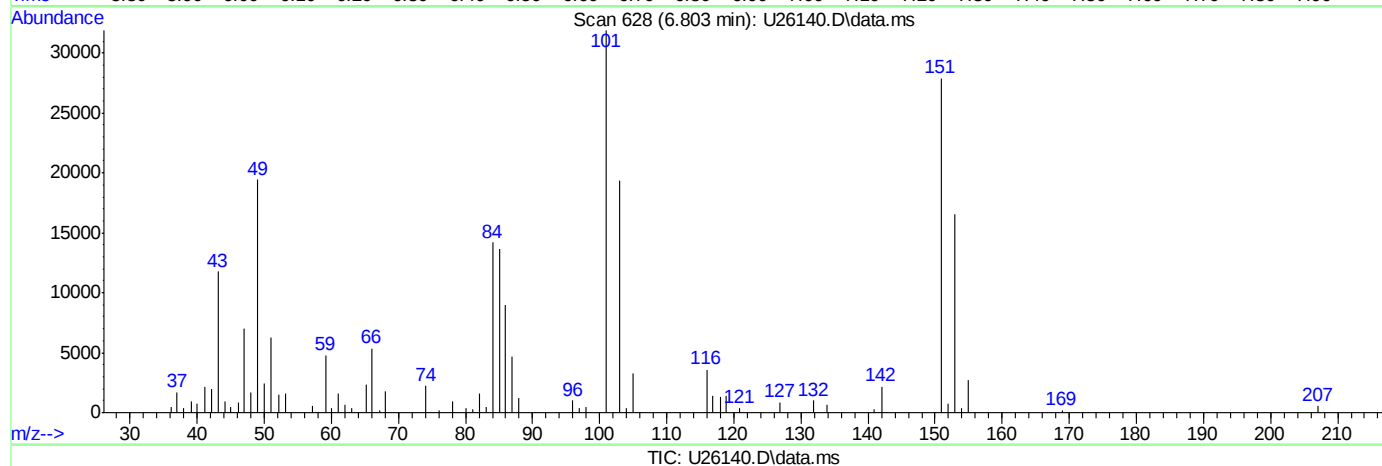
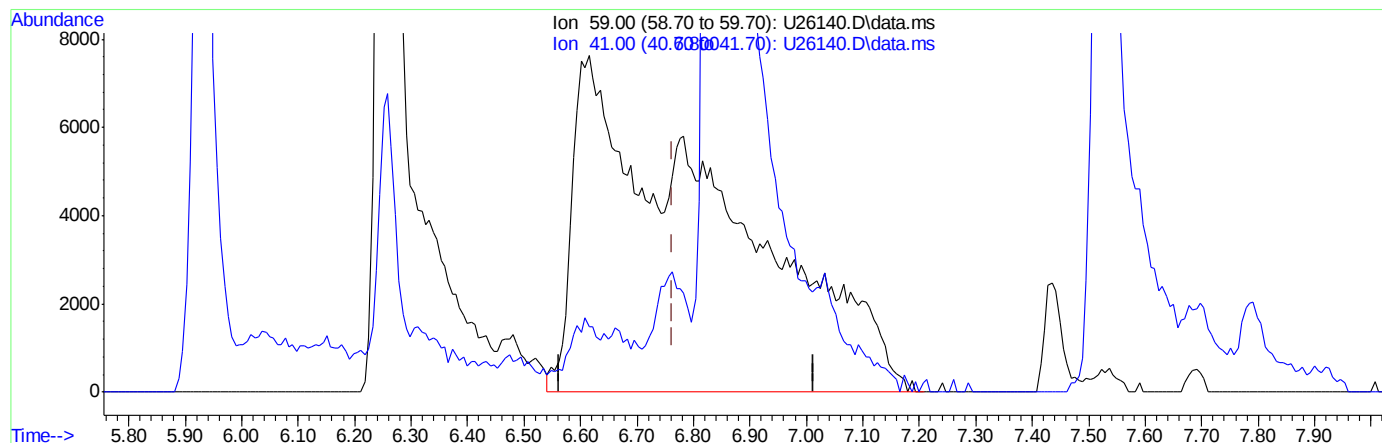
response 23642

Ion	Exp%	Act%
59.00	100	100
41.00	23.90	3064.91#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(2) tertiary butyl alcohol (P)

6.803min (+0.040) 558.45ppb m

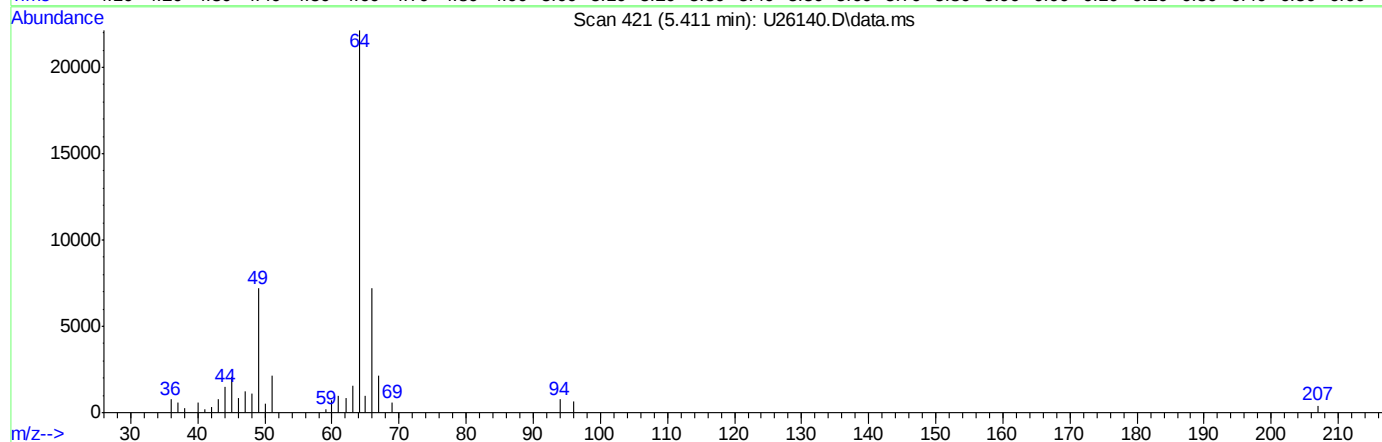
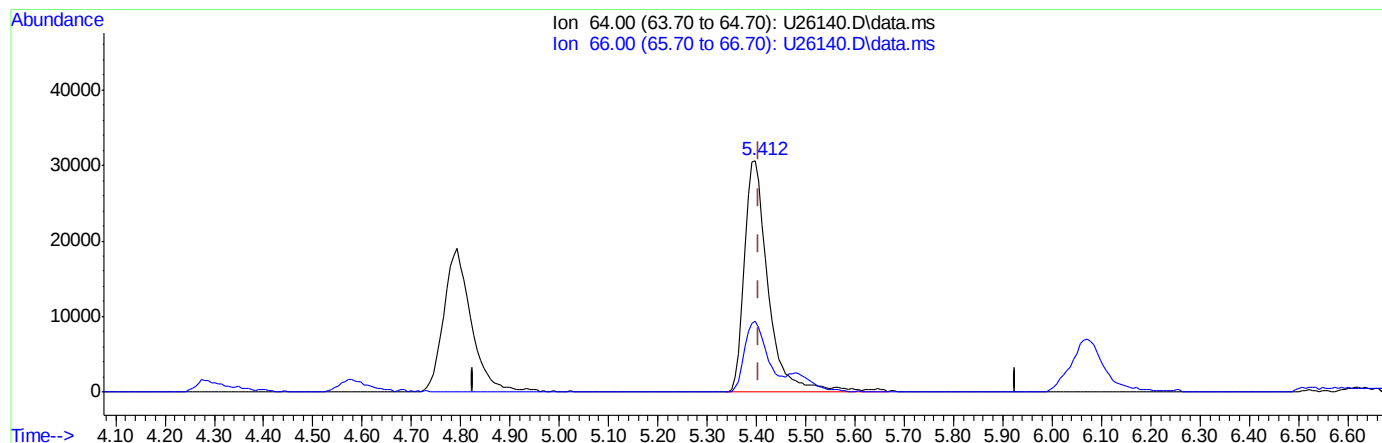
response 136955

Ion	Exp%	Act%
59.00	100	100
41.00	23.90	44.22
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U26140.D\data.ms

(9) chloroethane (P)

5.412min (+0.006) 70.87ppb

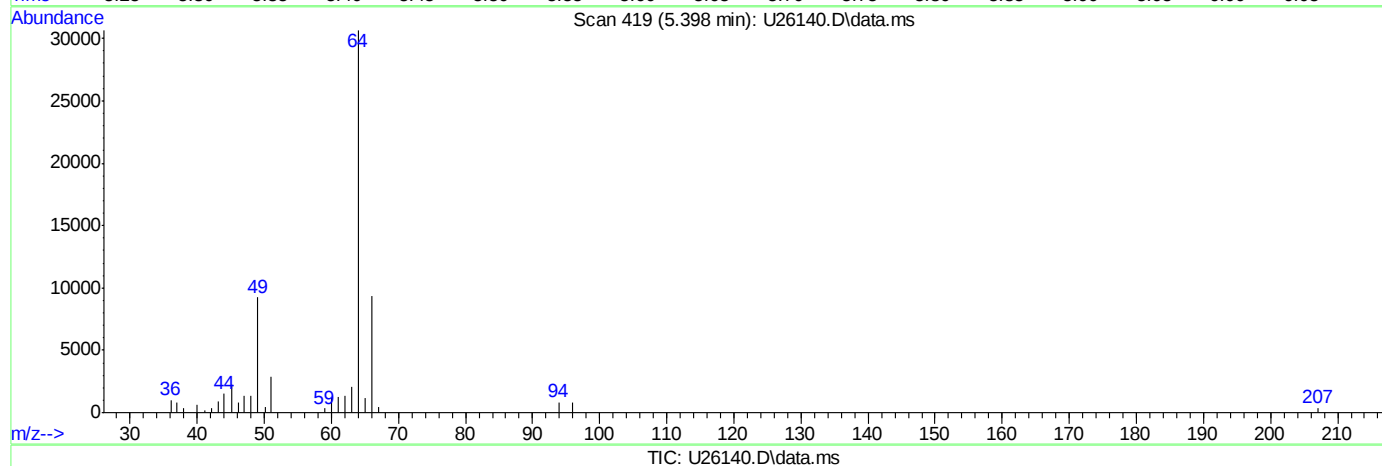
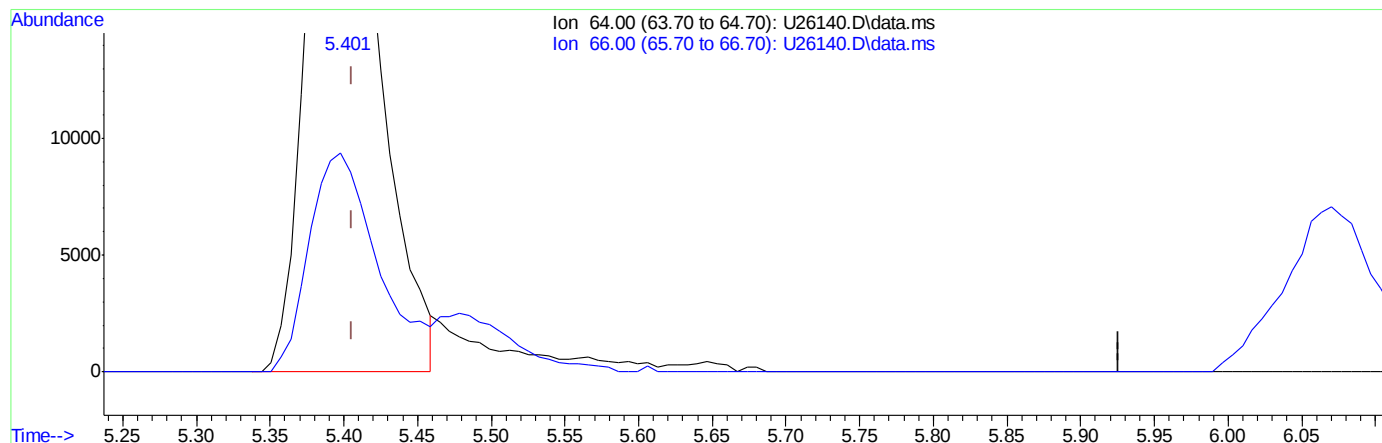
response 102561

Ion	Exp%	Act%
64.00	100	100
66.00	30.10	32.61
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(9) chloroethane (P)

5.398min (-0.008) 64.95ppb m

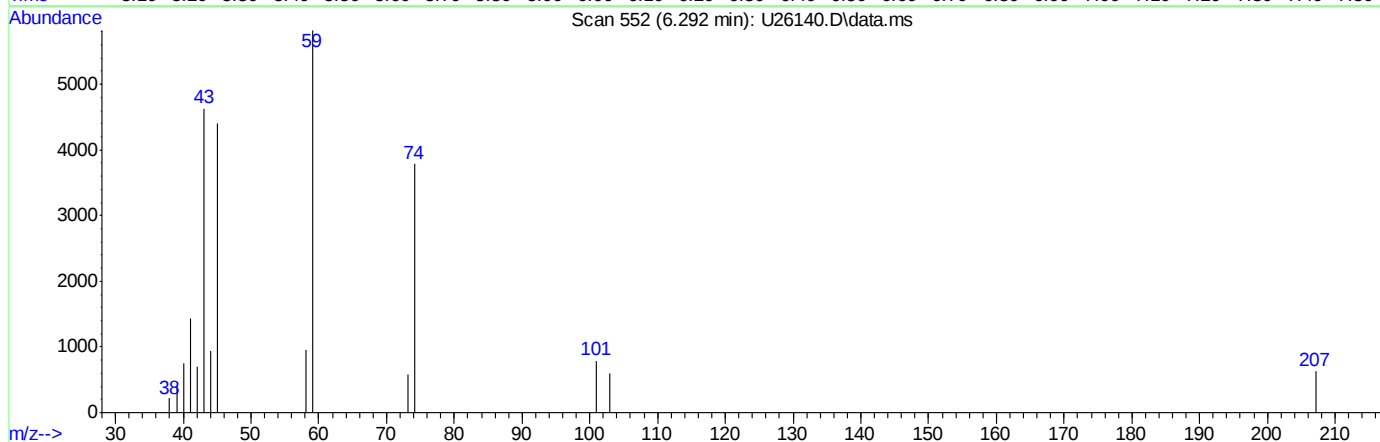
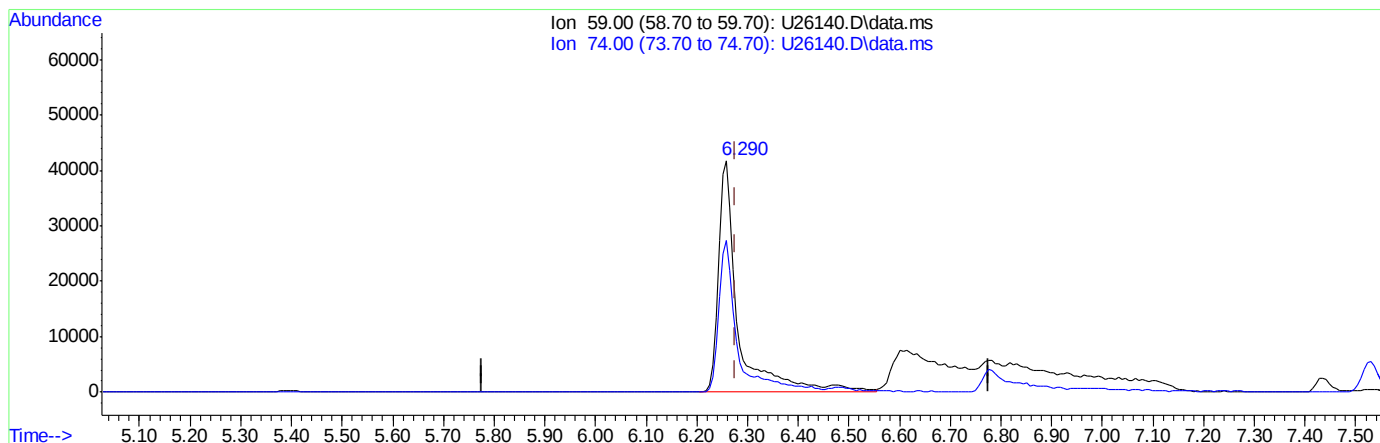
response 94000

Ion	Exp%	Act%
64.00	100	100
66.00	30.10	30.54
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U26140.D\data.ms

(10) ethyl ether (P)

6.290min (+0.014) 61.81ppb

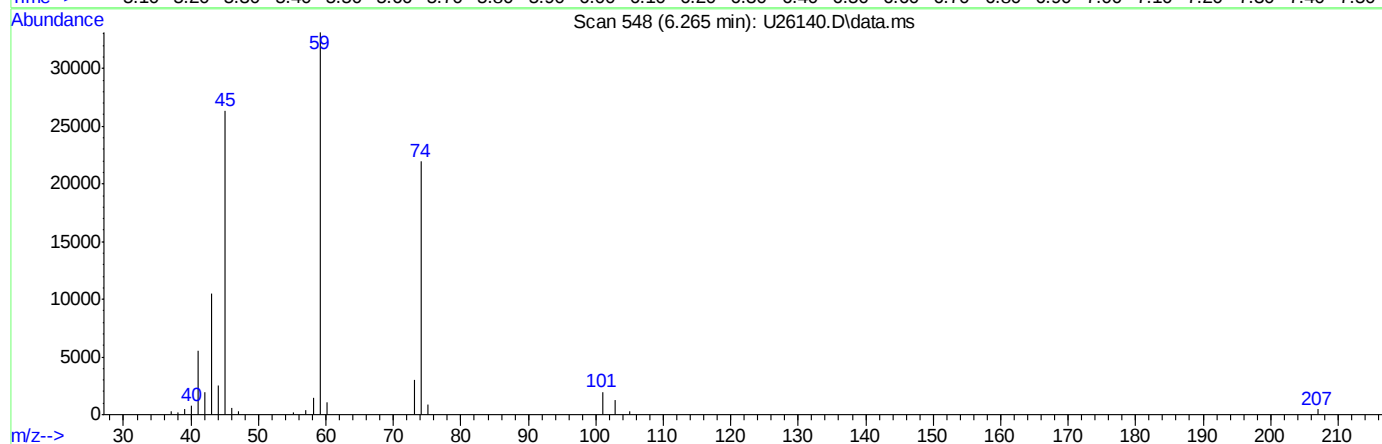
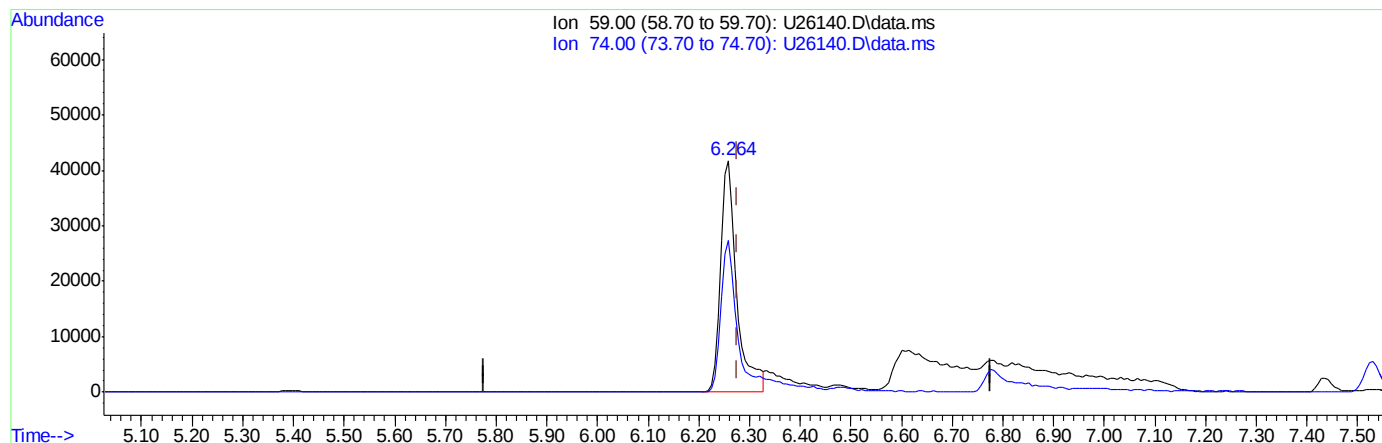
response 113980

Ion	Exp%	Act%
59.00	100	100
74.00	59.10	64.98
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U26140.D\data.ms

(10) ethyl ether (P)

6.265min (-0.011) 50.61ppb m

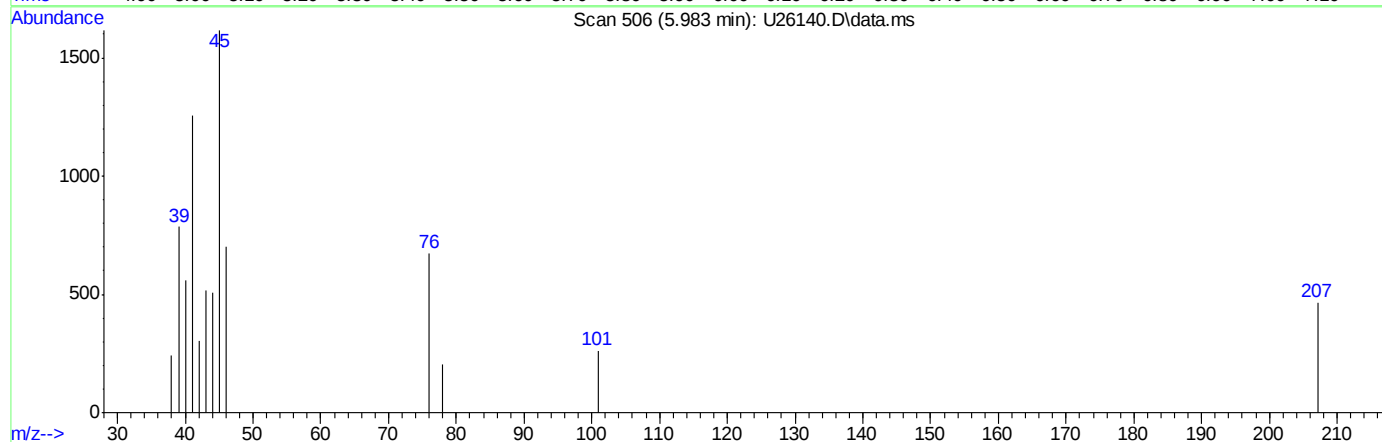
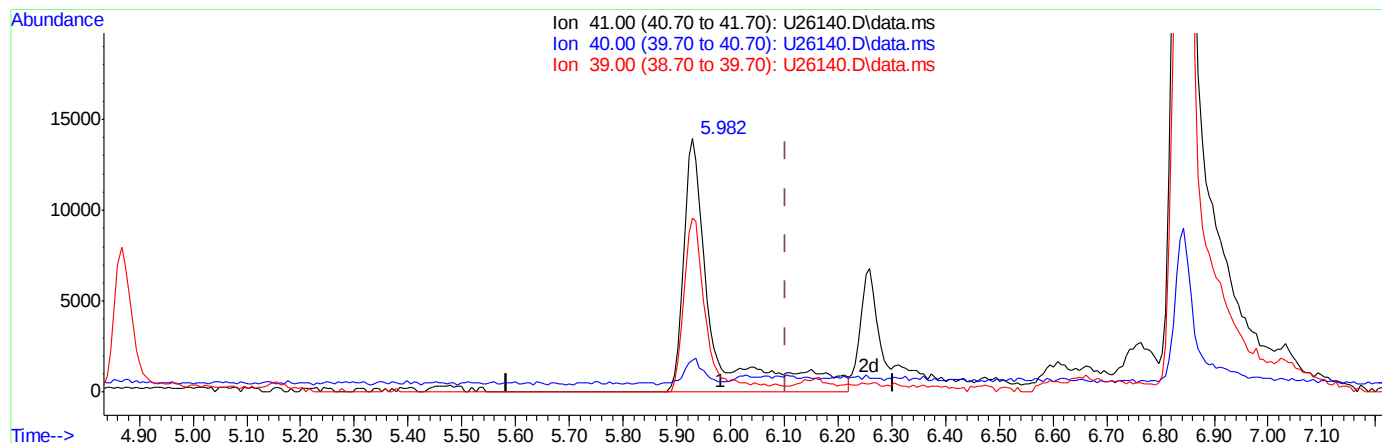
response 93331

Ion	Exp%	Act%
59.00	100	100
74.00	59.10	66.20
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U26140.D\data.ms

(11) acetonitrile (P)

5.982min (-0.122) 188.39ppb

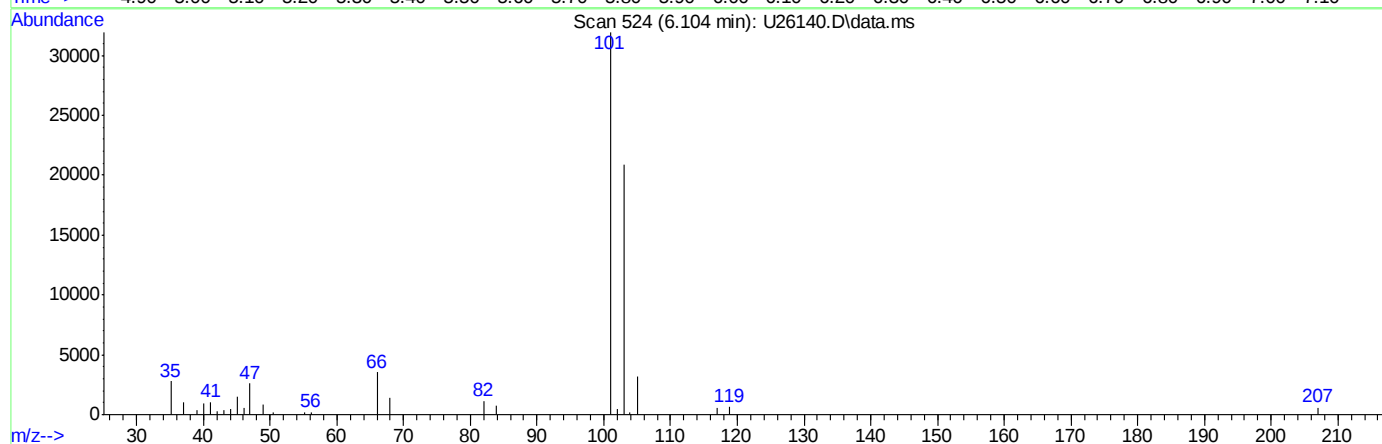
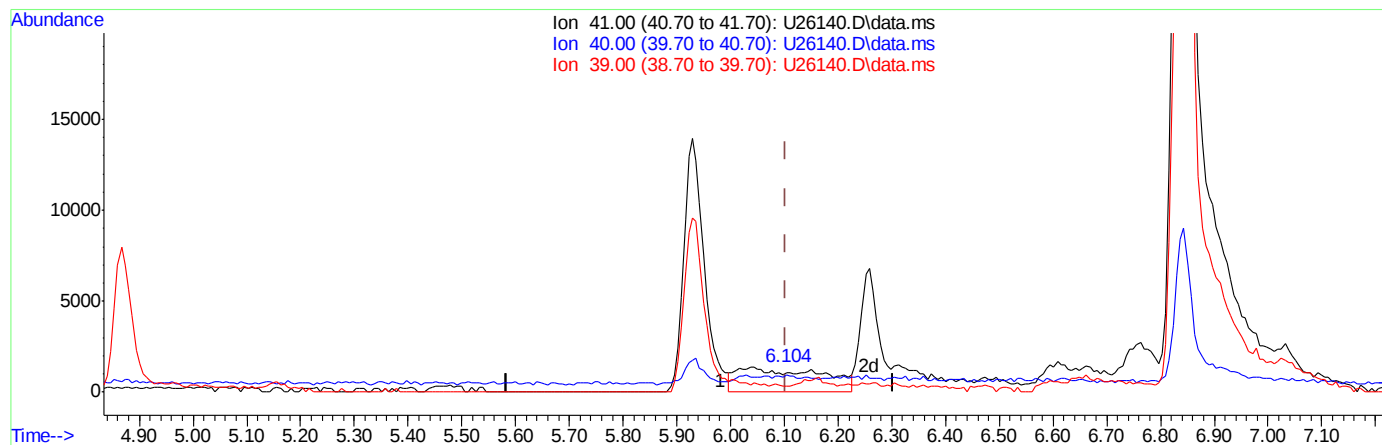
response 51571

Ion	Exp%	Act%
41.00	100	100
40.00	92.30	4.45#
39.00	24.50	62.40#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U26140.D\data.ms

(11) acetonitrile (P)

6.104min (-0.000) 56.69ppb m

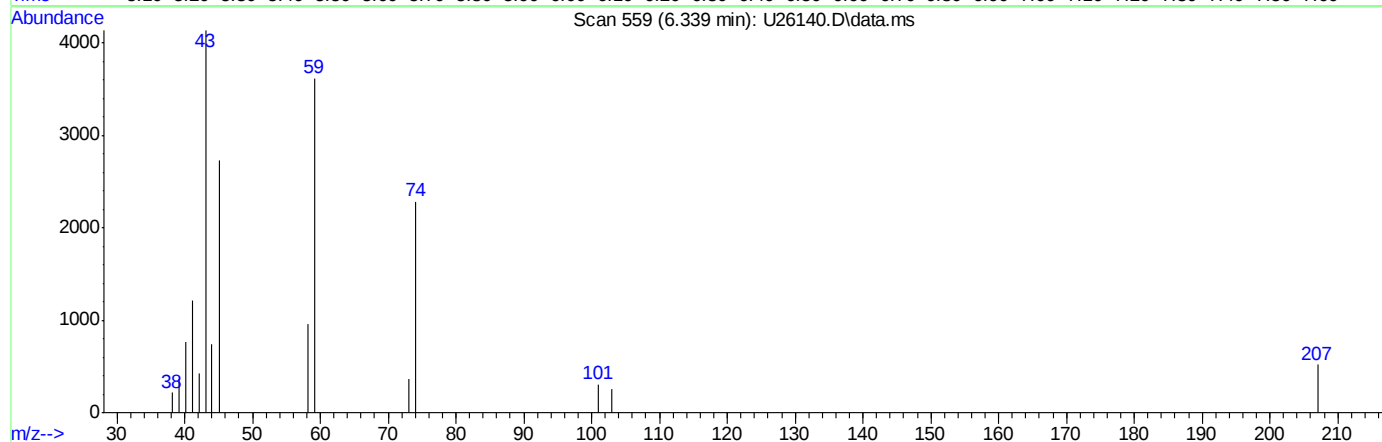
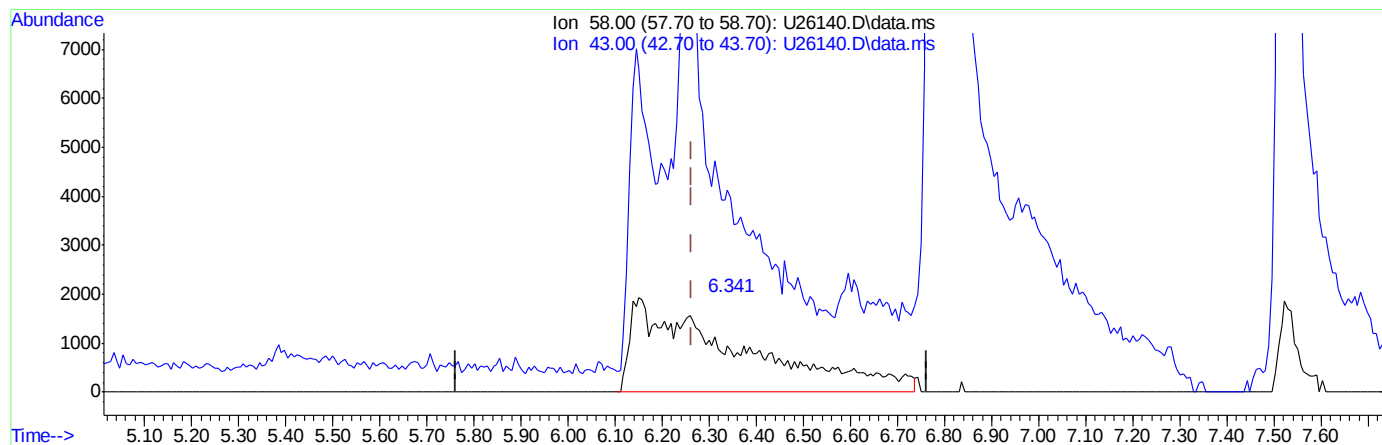
response 14786

Ion	Exp%	Act%
41.00	100	100
40.00	92.30	90.90
39.00	24.50	33.33
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U26140.D\data.ms

(16) acetone (P)

6.341min (+0.077) 168.33ppb

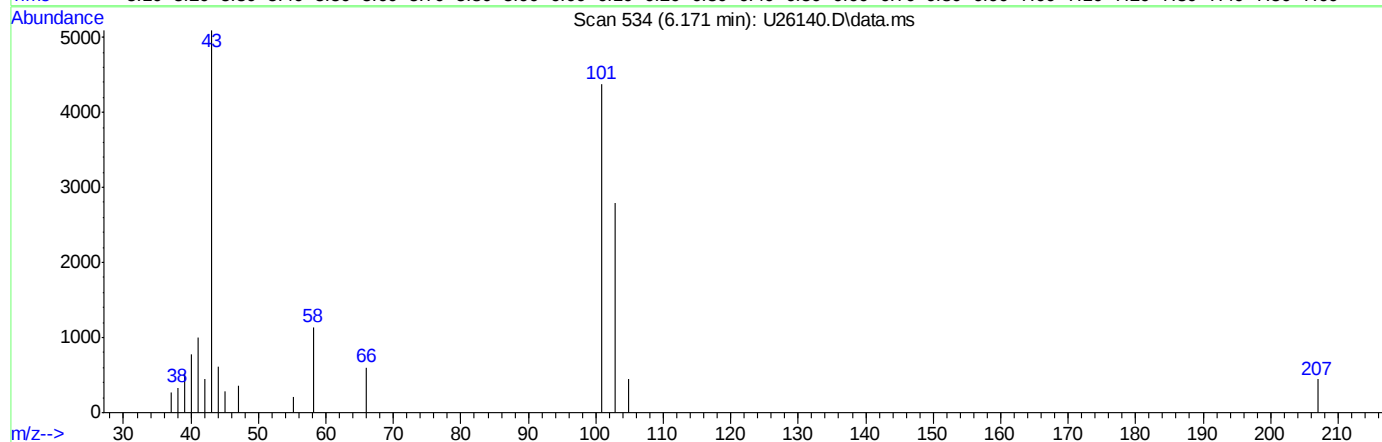
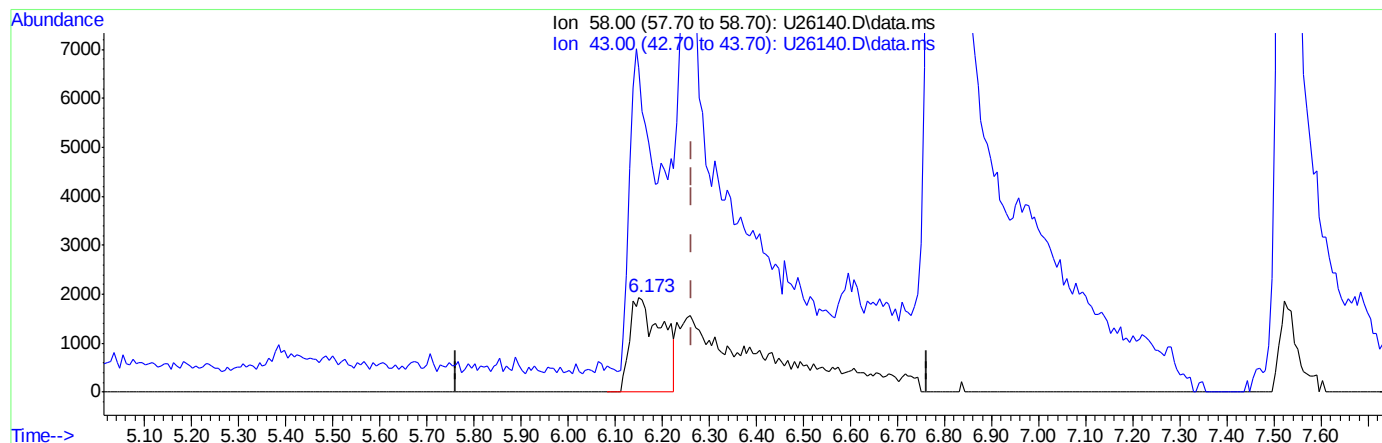
response 29714

Ion	Exp%	Act%
58.00	100	100
43.00	308.80	390.14#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U26140.D\data.ms

(16) acetone (P)

6.171min (-0.093) 52.19ppb m

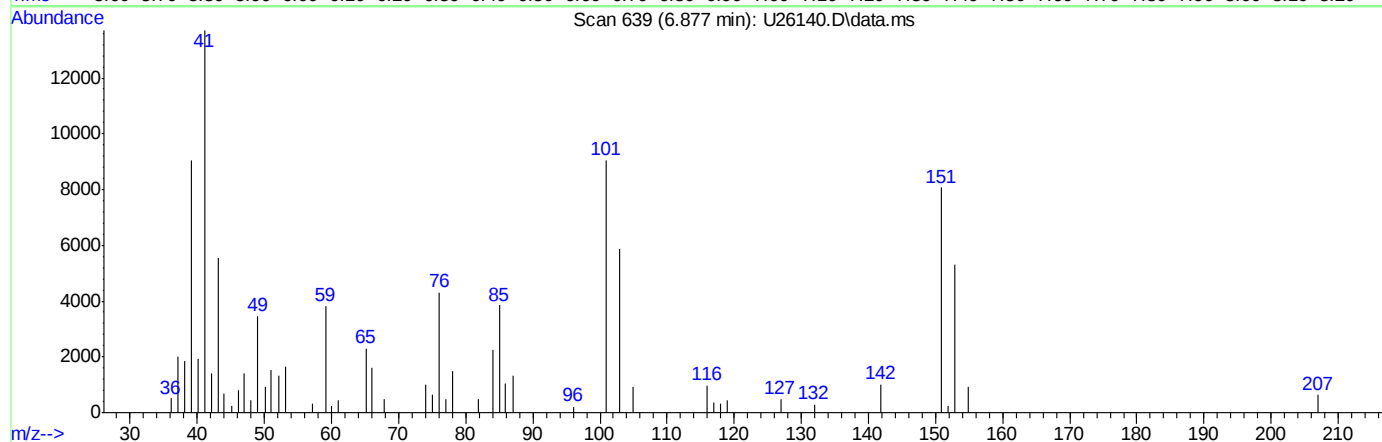
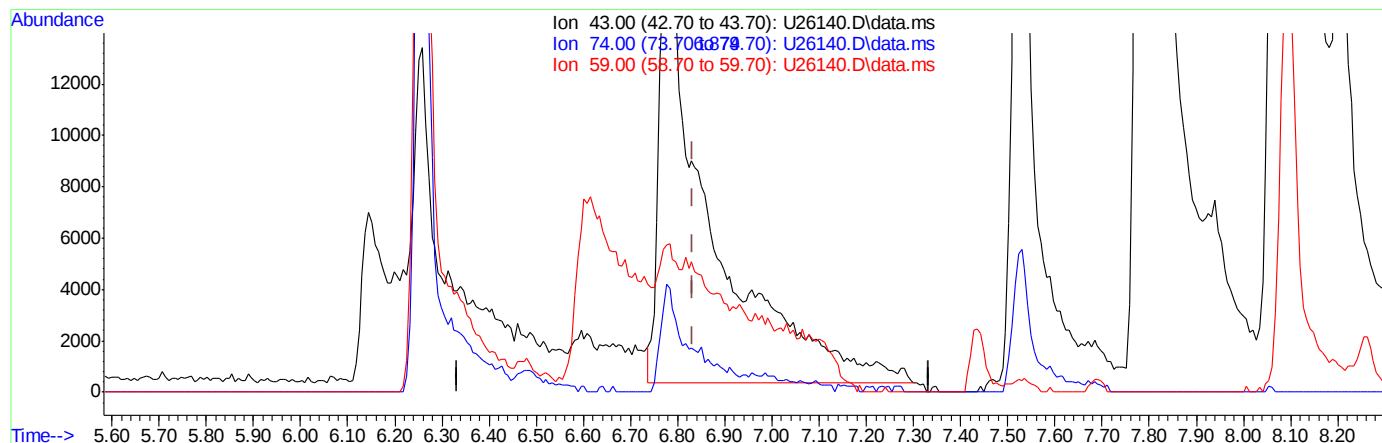
response 9213

Ion	Exp%	Act%
58.00	100	100
43.00	308.80	446.58#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U26140.D\data.ms

(17) Methyl Acetate (P)

6.879min (+0.046) 37.54ppb

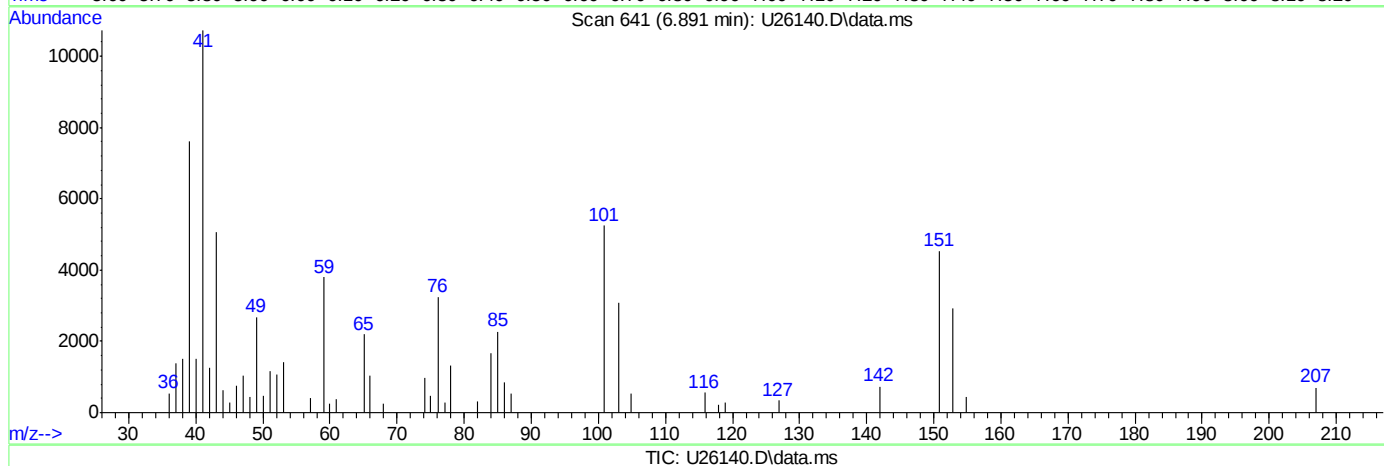
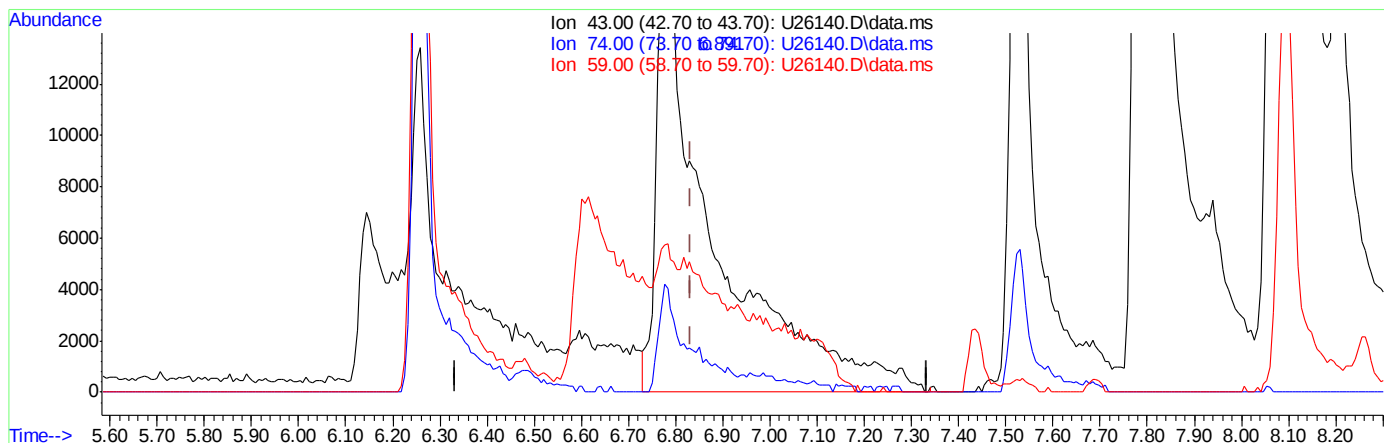
response 134264

Ion	Exp%	Act%
43.00	100	100
74.00	18.30	19.43
59.00	10.60	73.53#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(17) Methyl Acetate (P)

6.891min (+0.058) 41.23ppb m

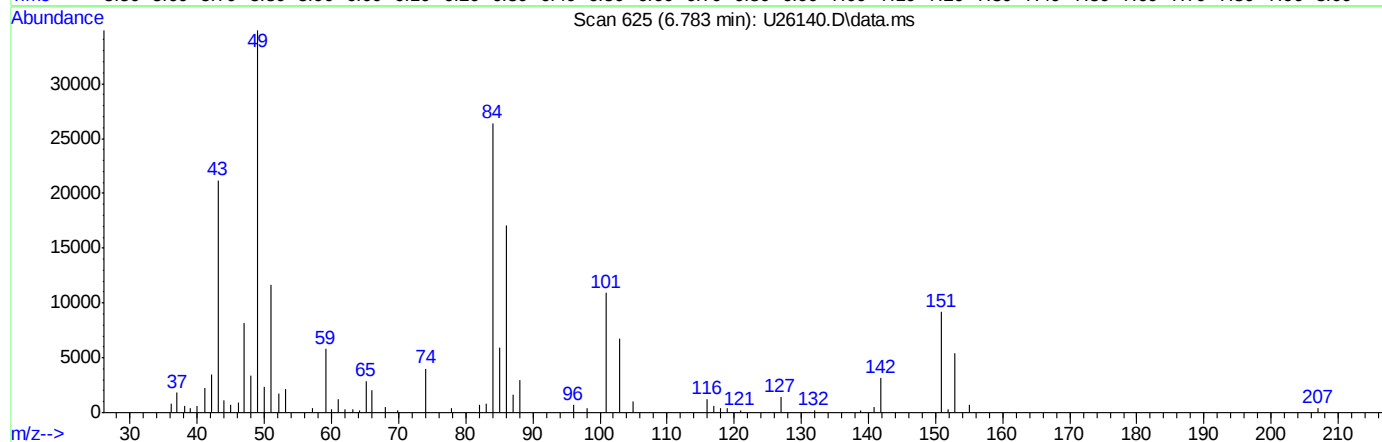
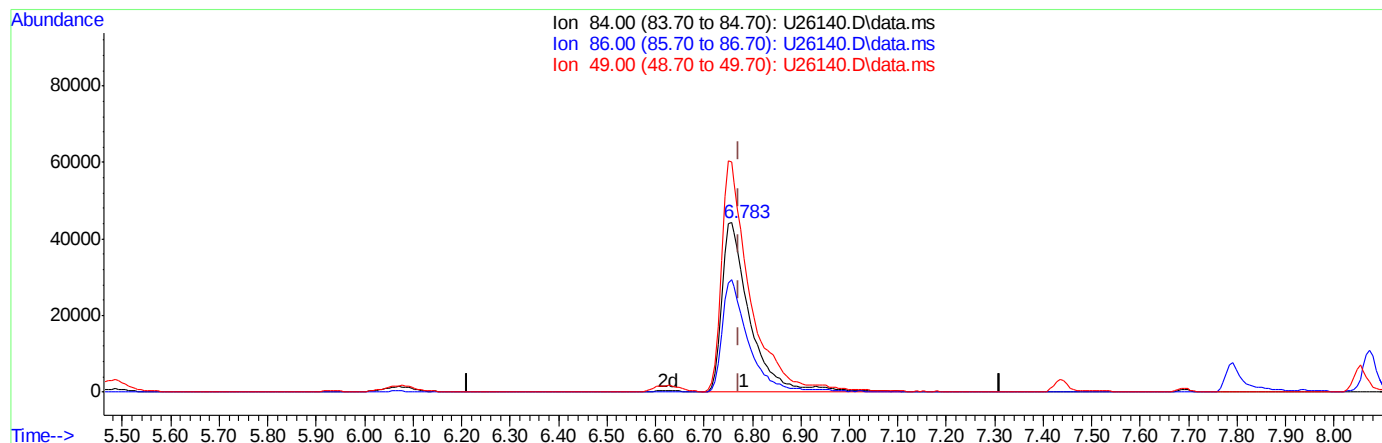
response 147435

Ion	Exp%	Act%
43.00	100	100
74.00	18.30	19.44
59.00	10.60	74.90#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(18) methylene chloride (P)

6.783min (+0.011) 61.61ppb

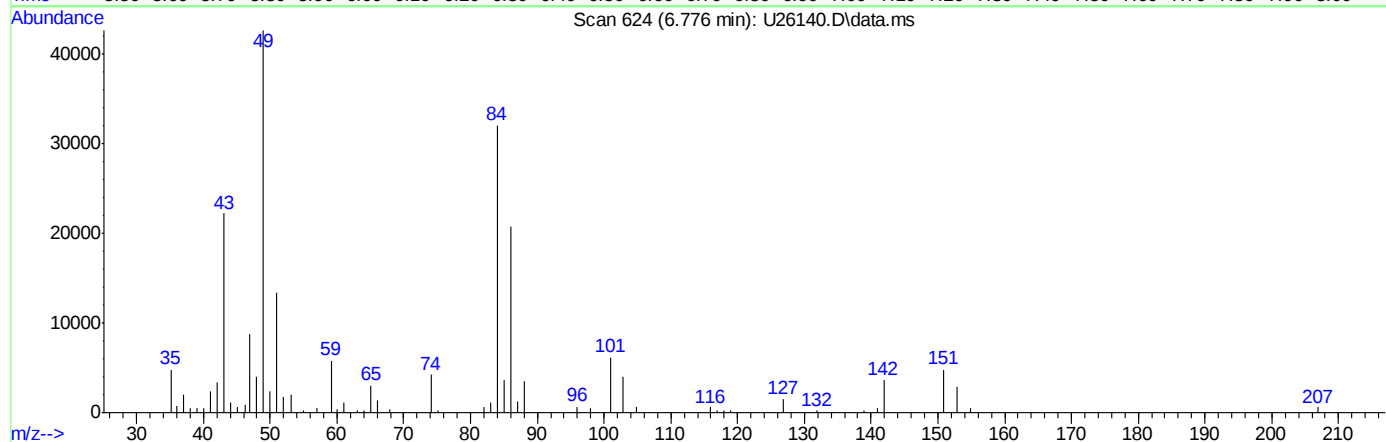
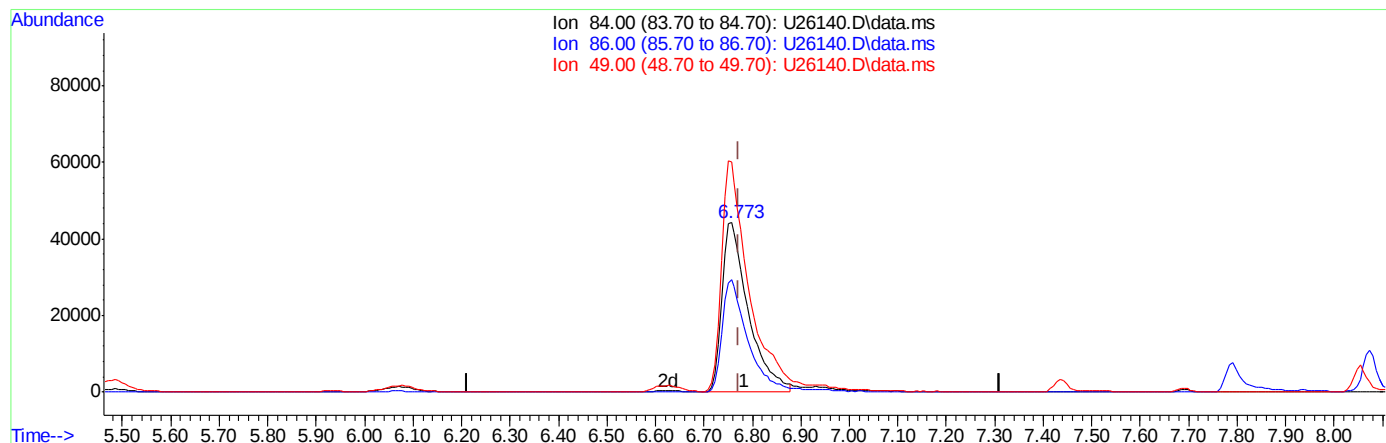
response 179041

Ion	Exp%	Act%
84.00	100	100
86.00	66.80	64.50
49.00	173.40	131.90#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U26140.D\data.ms

(18) methylene chloride (P)

6.776min (+0.004) 58.23ppb m

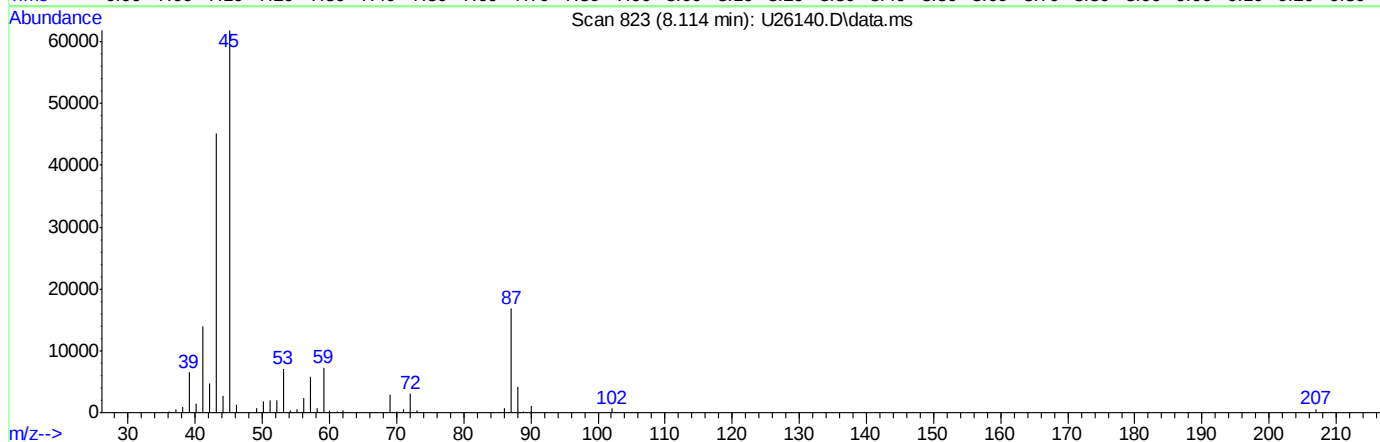
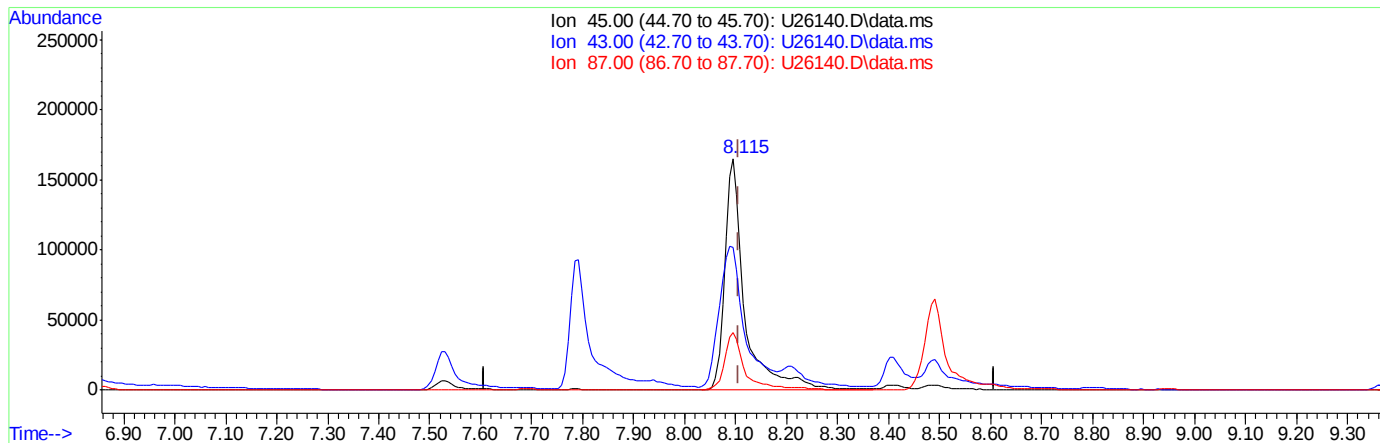
response 169218

Ion	Exp%	Act%
84.00	100	100
86.00	66.80	64.77
49.00	173.40	133.20#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U26140.D\data.ms

(28) di-isopropyl ether (P)

8.115min (+0.008) 62.65ppb

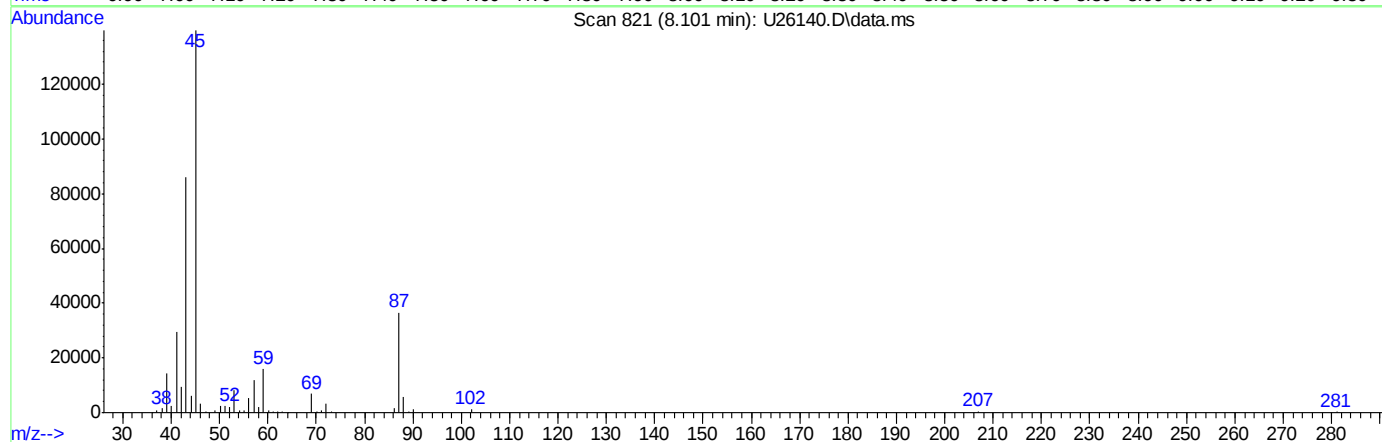
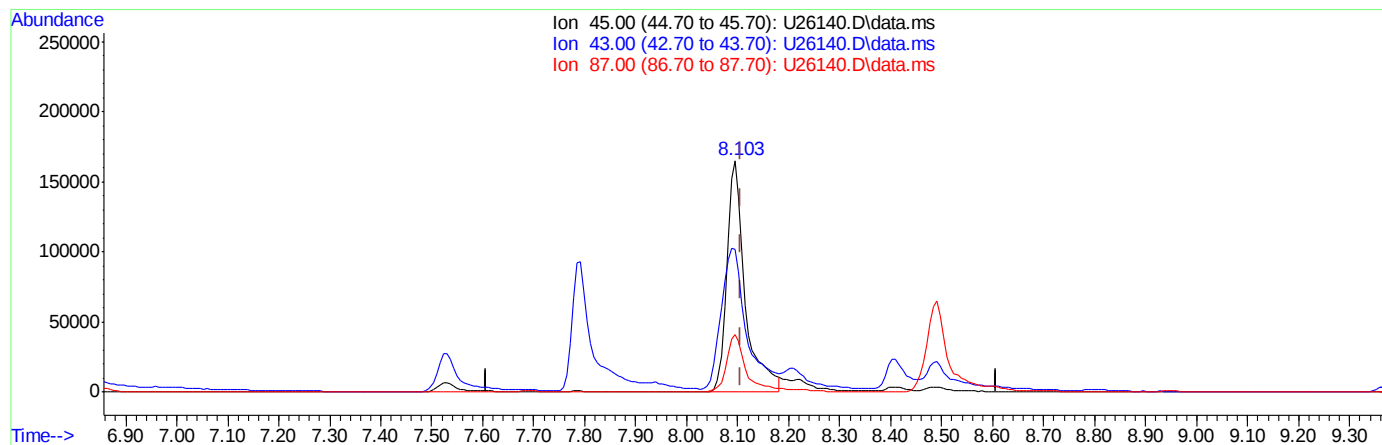
response 459136

Ion	Exp%	Act%
45.00	100	100
43.00	63.40	69.04
87.00	19.70	26.64
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U26140.D\data.ms

(28) di-isopropyl ether (P)

8.101min (-0.006) 56.96ppb m

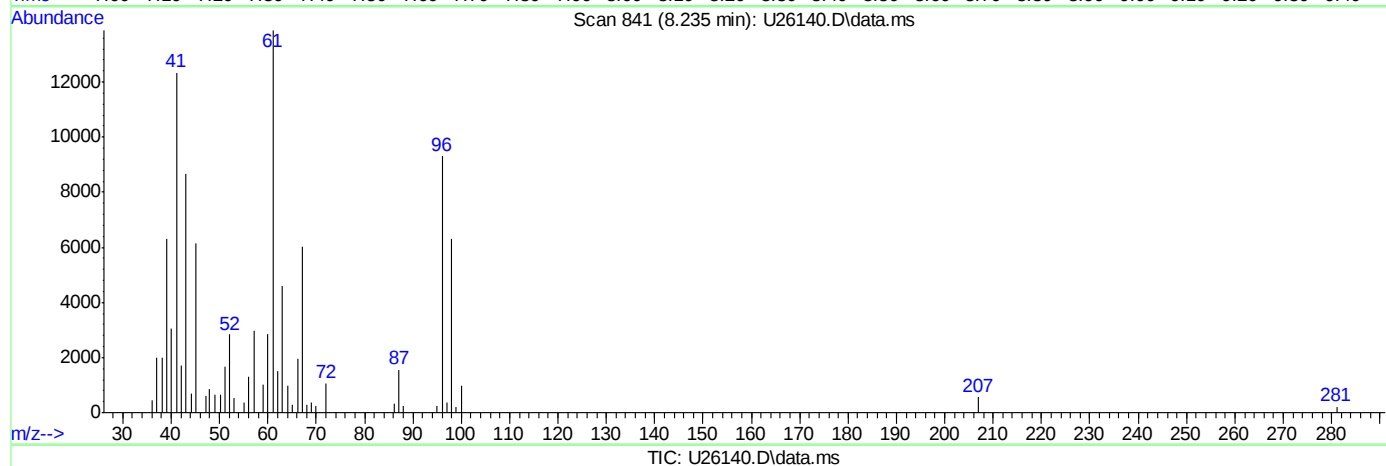
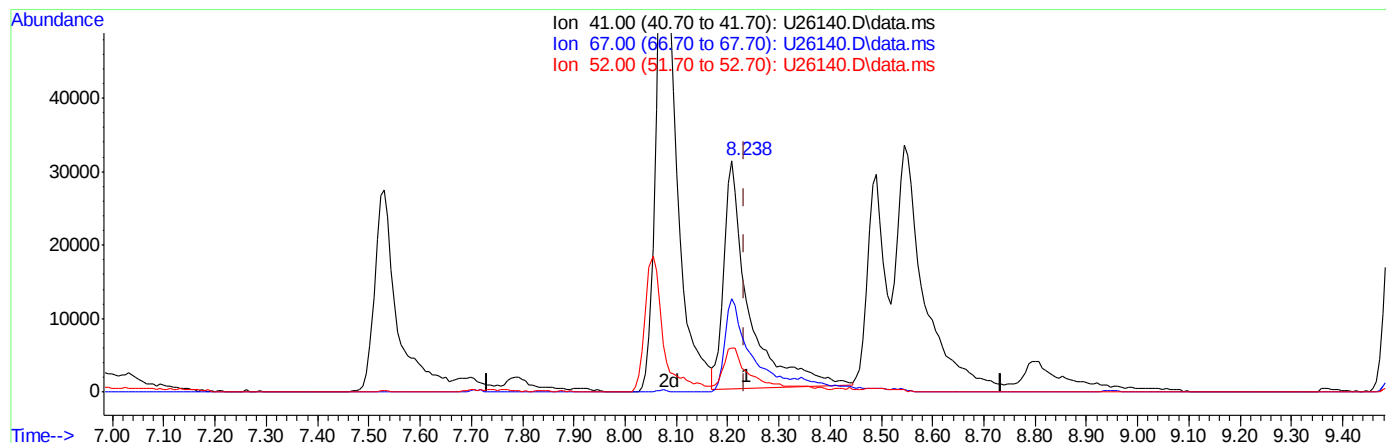
response 417465

Ion	Exp%	Act%
45.00	100	100
43.00	63.40	61.51
87.00	19.70	26.11
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(29) methacrylonitrile (P)

8.238min (+0.005) 60.45ppb

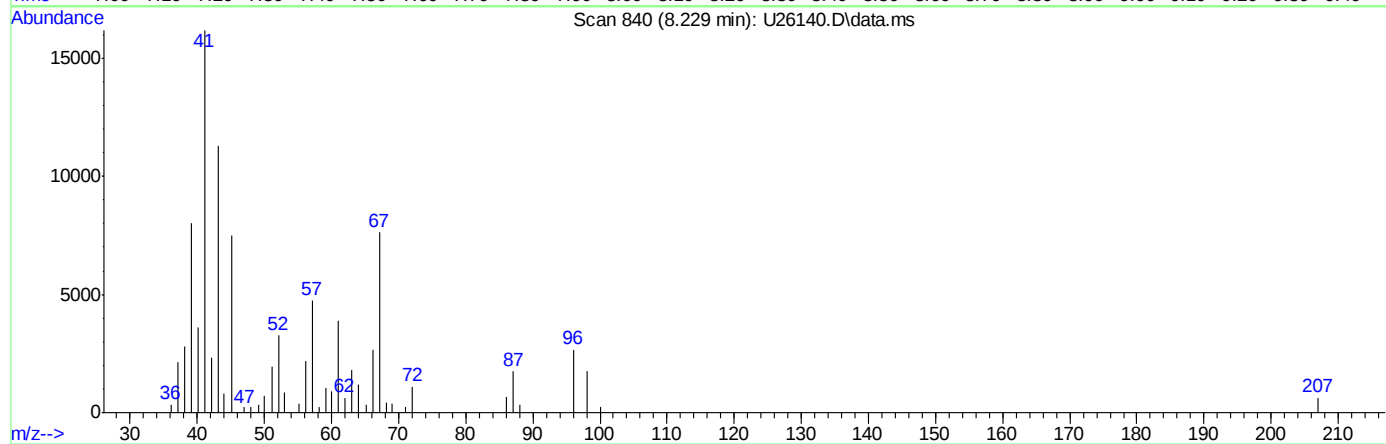
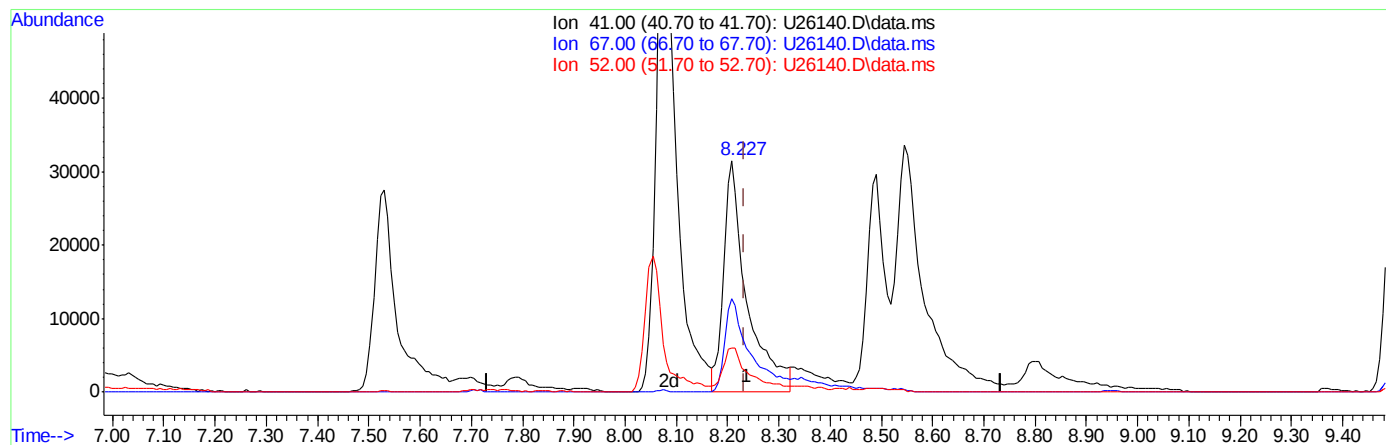
response 104722

Ion	Exp%	Act%
41.00	100	100
67.00	54.00	54.30
52.00	26.90	22.79
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(29) methacrylonitrile (P)

8.229min (-0.005) 57.71ppb m

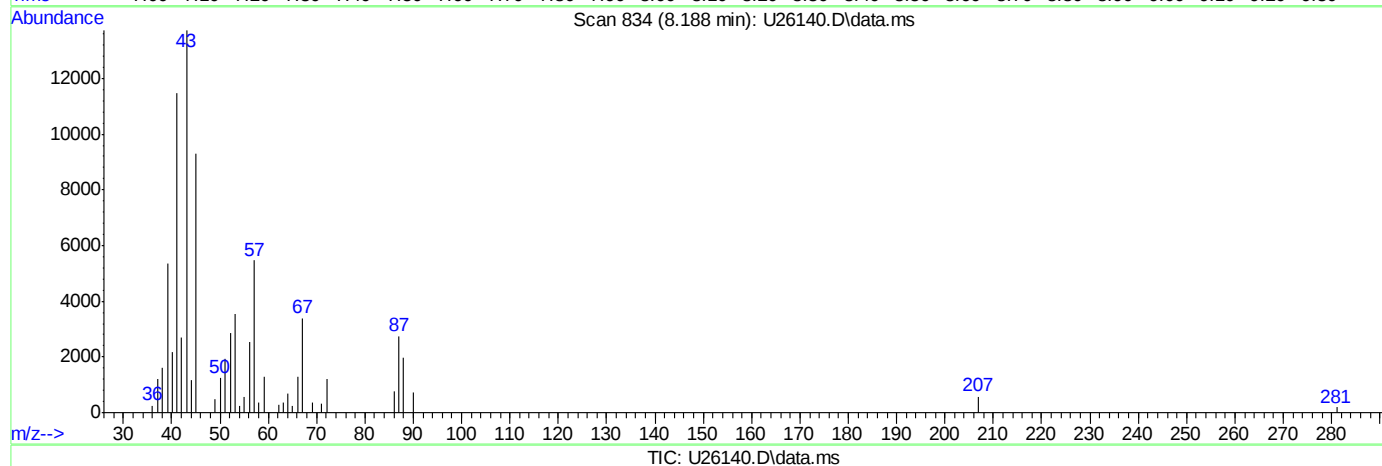
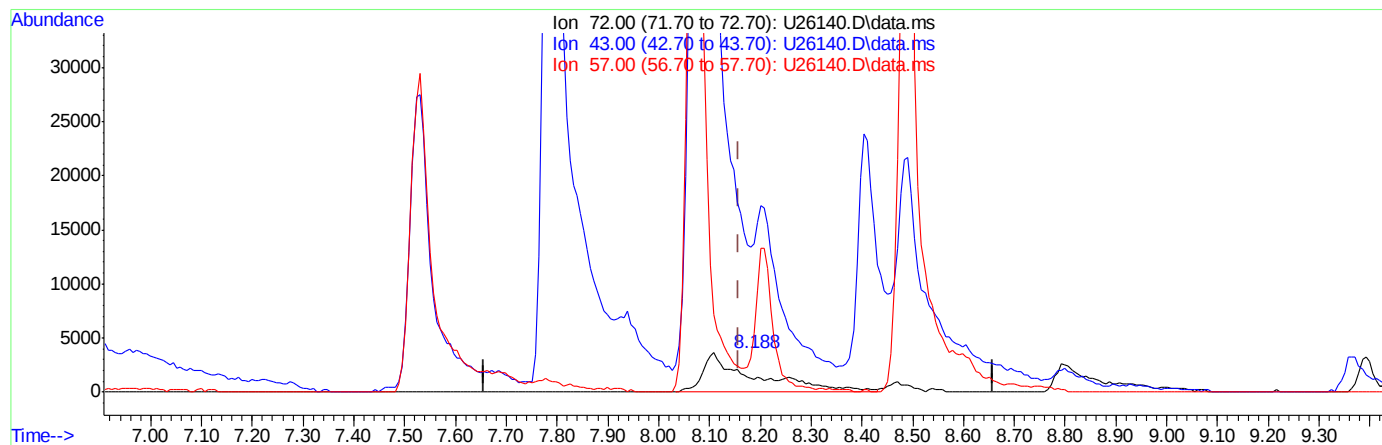
response 99977

Ion	Exp%	Act%
41.00	100	100
67.00	54.00	47.29
52.00	26.90	20.32
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(30) 2-butanone (P)

8.188min (+0.030) 69.92ppb

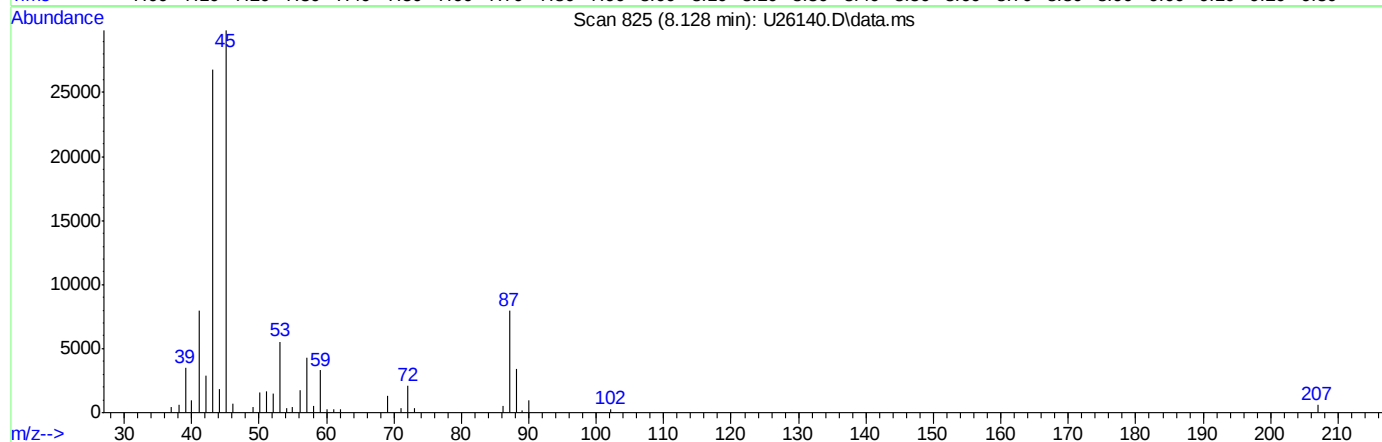
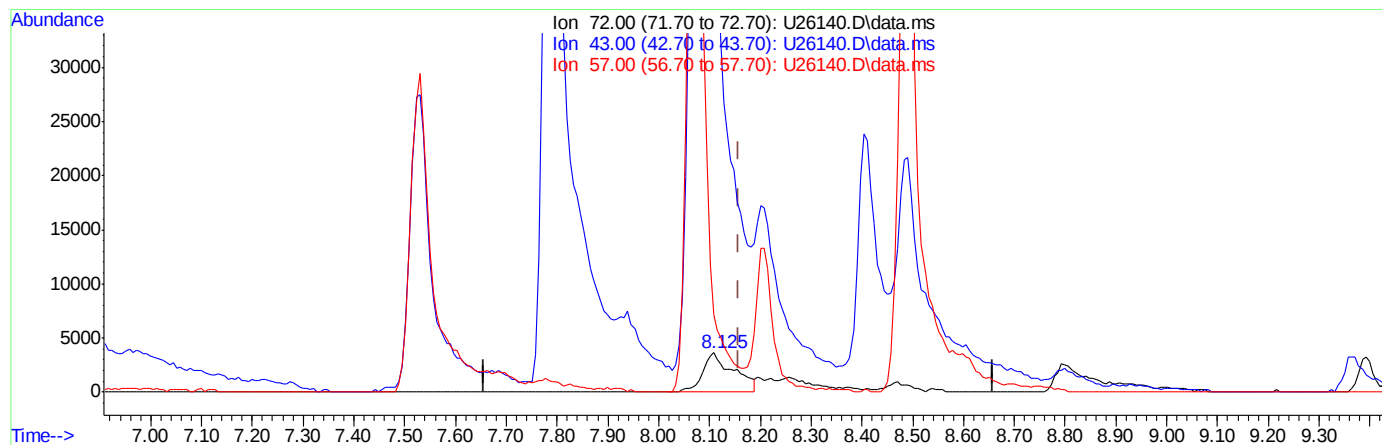
response 26164

Ion	Exp%	Act%
72.00	100	100
43.00	1487.20	0.00#
57.00	99.80	130.16#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U26140.D\data.ms

(30) 2-butanone (P)

8.128min (-0.030) 40.84ppb m

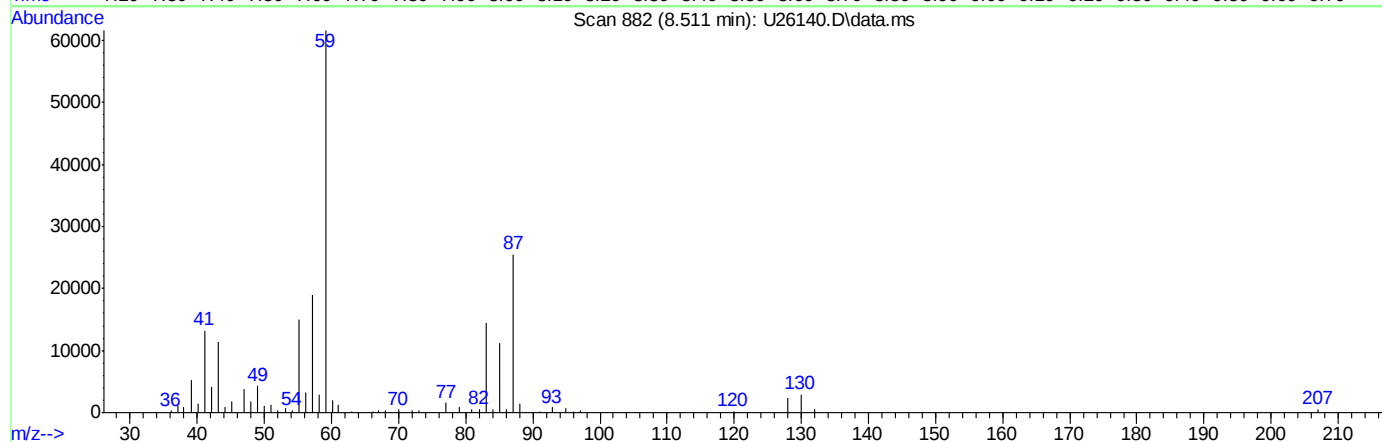
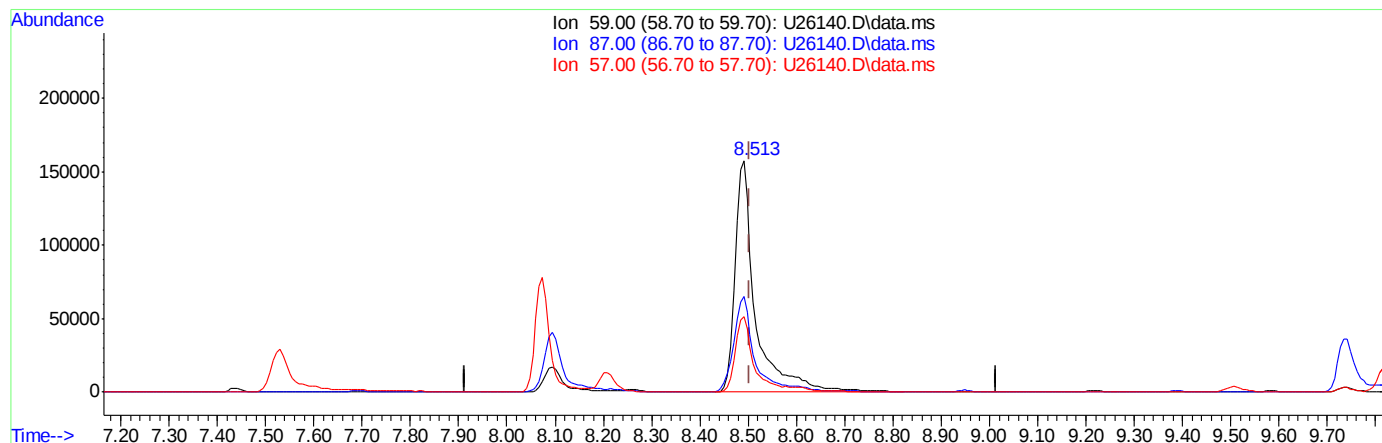
response 15351

Ion	Exp%	Act%
72.00	100	100
43.00	1487.20	0.00#
57.00	99.80	221.85#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U26140.D\data.ms

(34) tert-butyl ethyl ether (P)

8.513min (+0.008) 61.00ppb

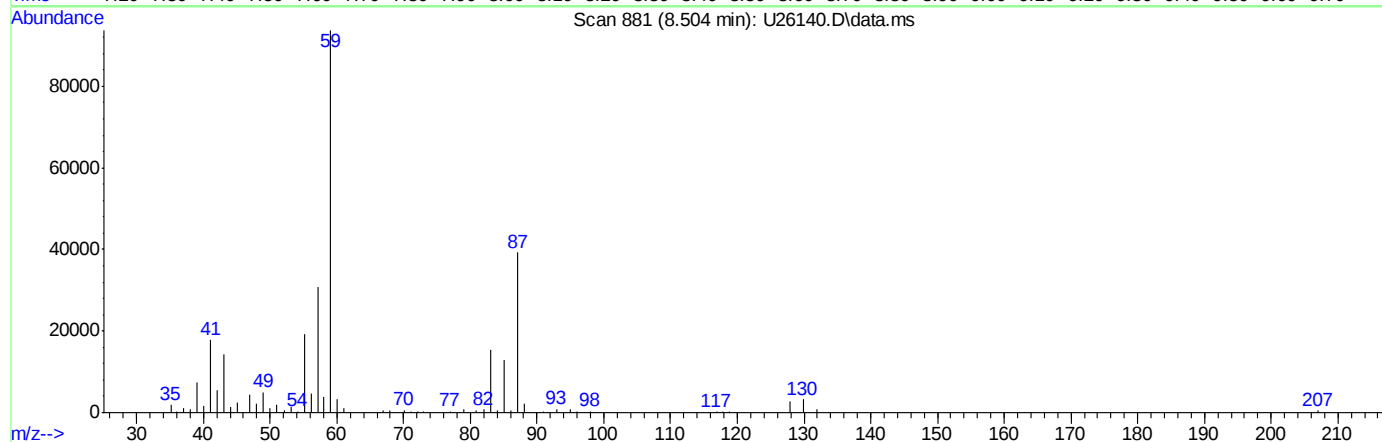
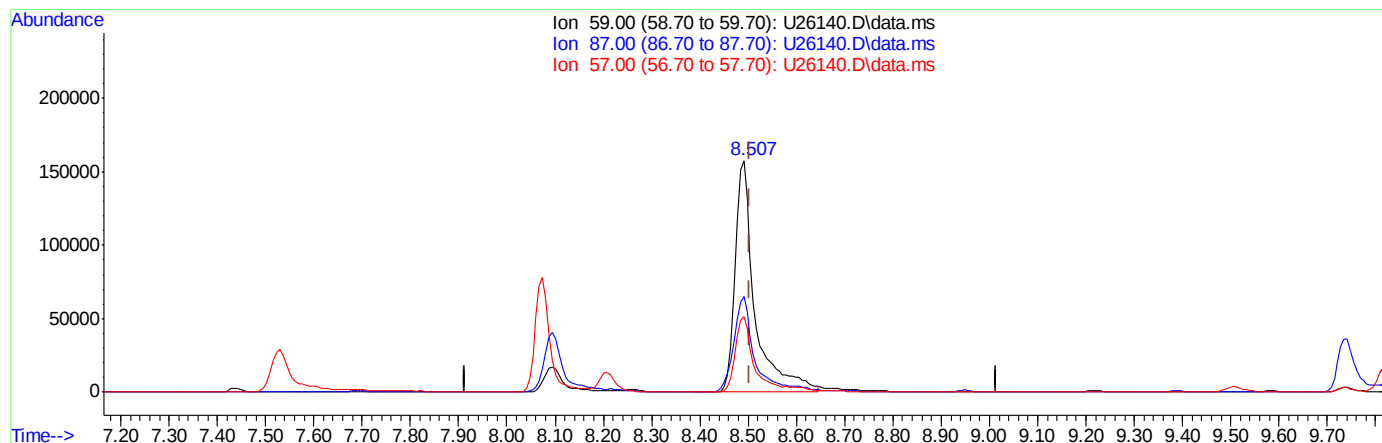
response 467571

Ion	Exp%	Act%
59.00	100	100
87.00	32.40	41.38
57.00	35.30	30.87
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(34) tert-butyl ethyl ether (P)

8.504min (-0.001) 59.01ppb m

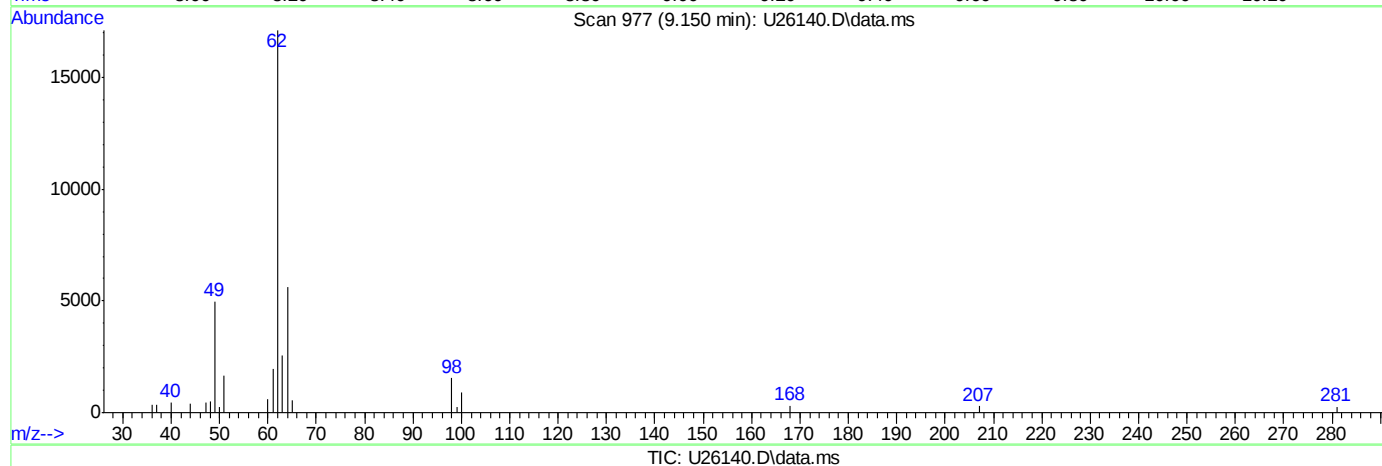
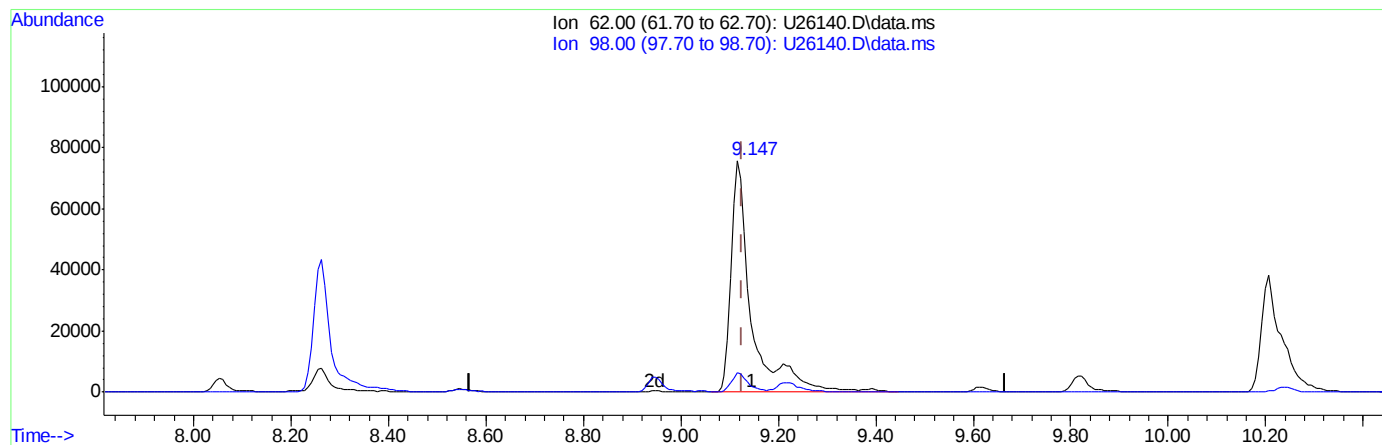
response 452330

Ion	Exp%	Act%
59.00	100	100
87.00	32.40	41.92
57.00	35.30	32.74
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(48) 1,2-dichloroethane (P)

9.147min (+0.021) 60.62ppb

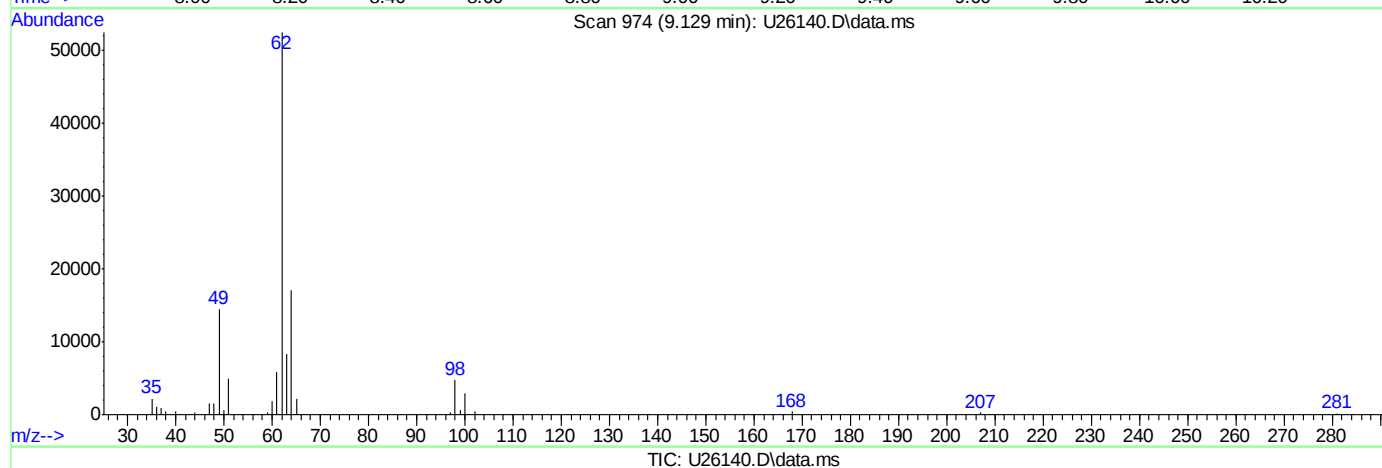
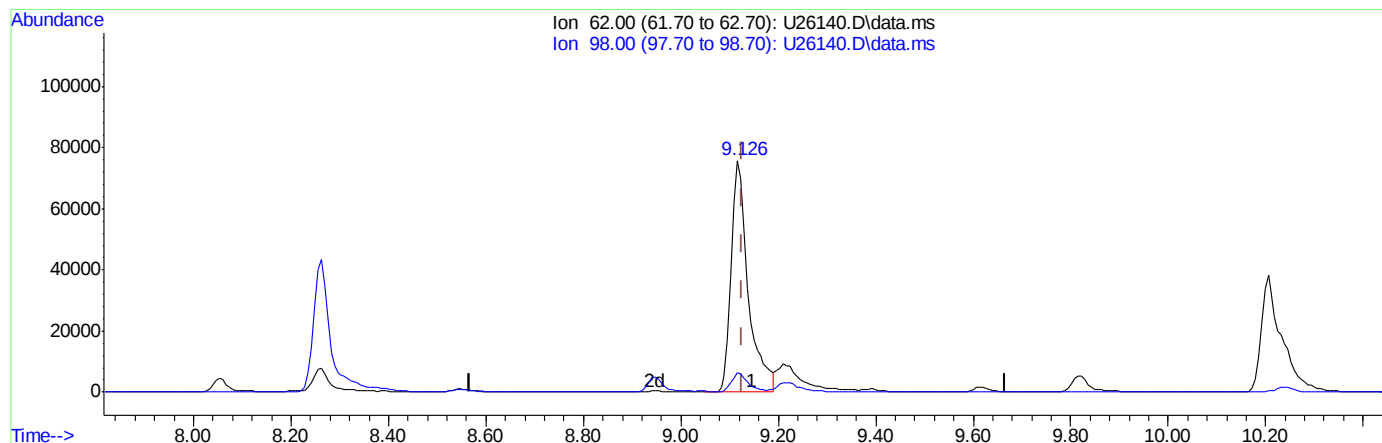
response 219179

Ion	Exp%	Act%
62.00	100	100
98.00	7.60	9.02
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(48) 1,2-dichloroethane (P)

9.129min (+0.003) 50.45ppb m

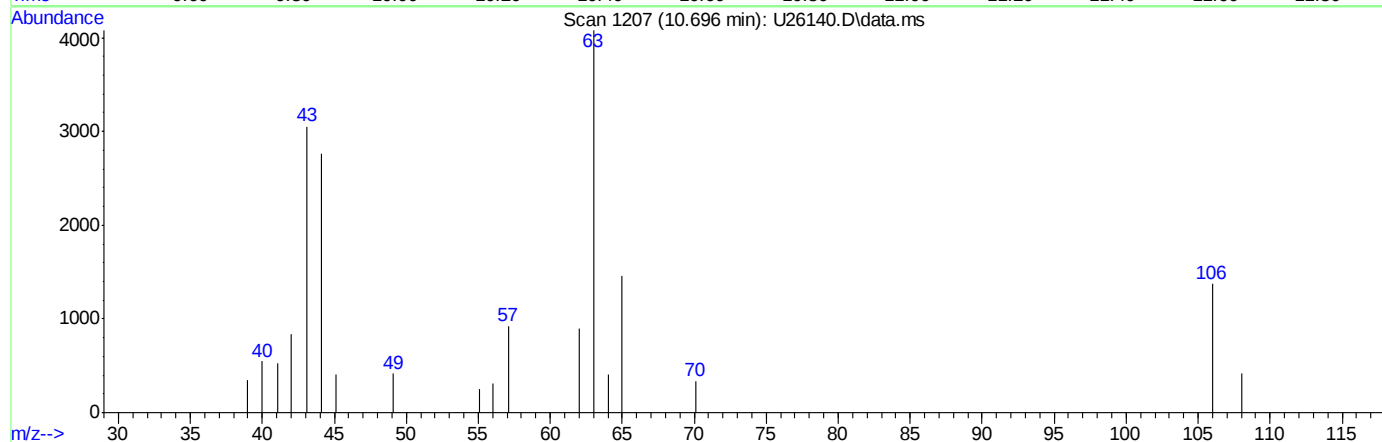
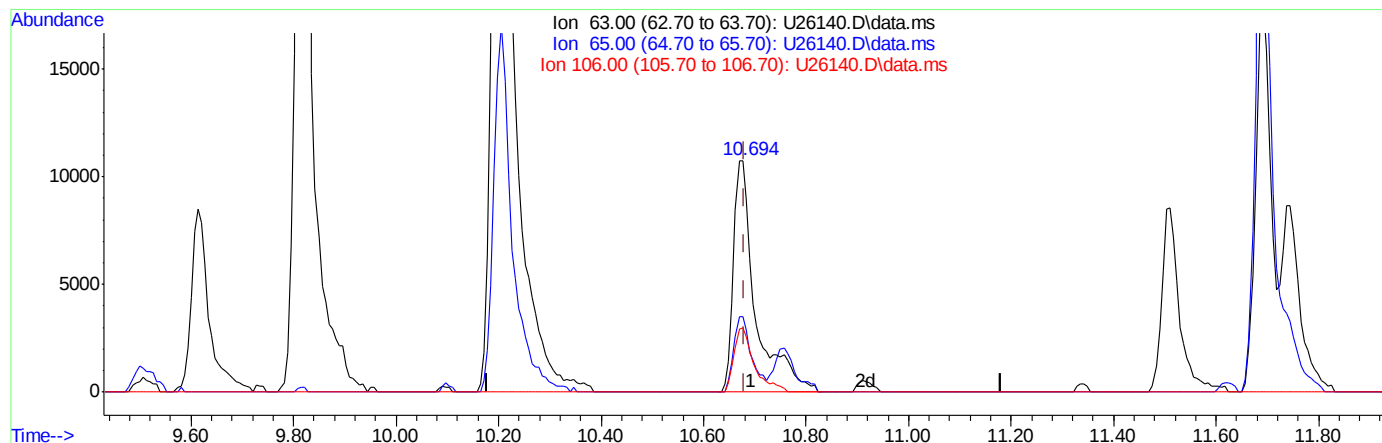
response 182426

Ion	Exp%	Act%
62.00	100	100
98.00	7.60	8.97
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U26140.D\data.ms

(56) 2-chloroethyl vinyl ether (P)

10.694min (+0.014) 76.17ppb

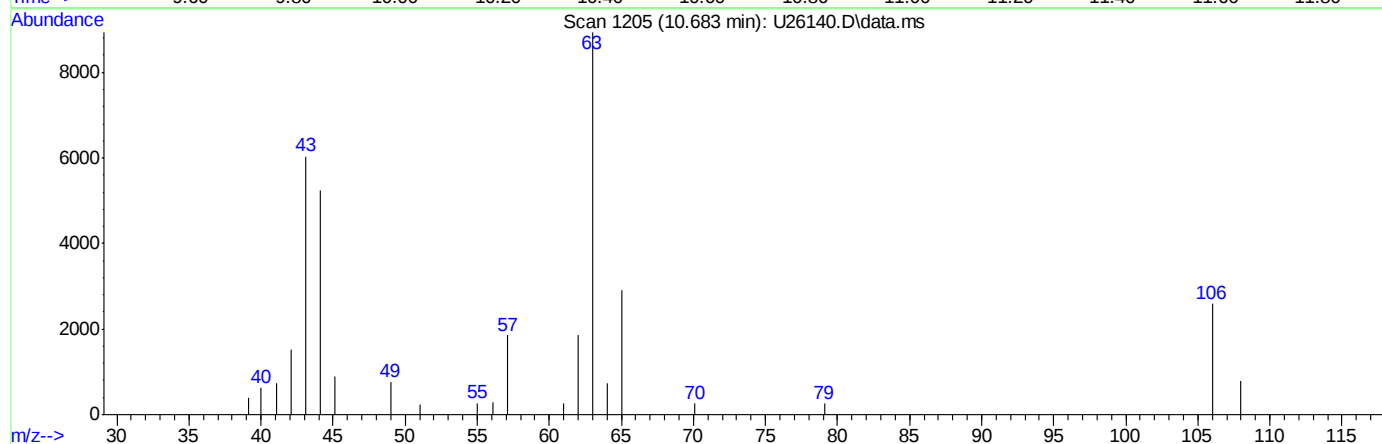
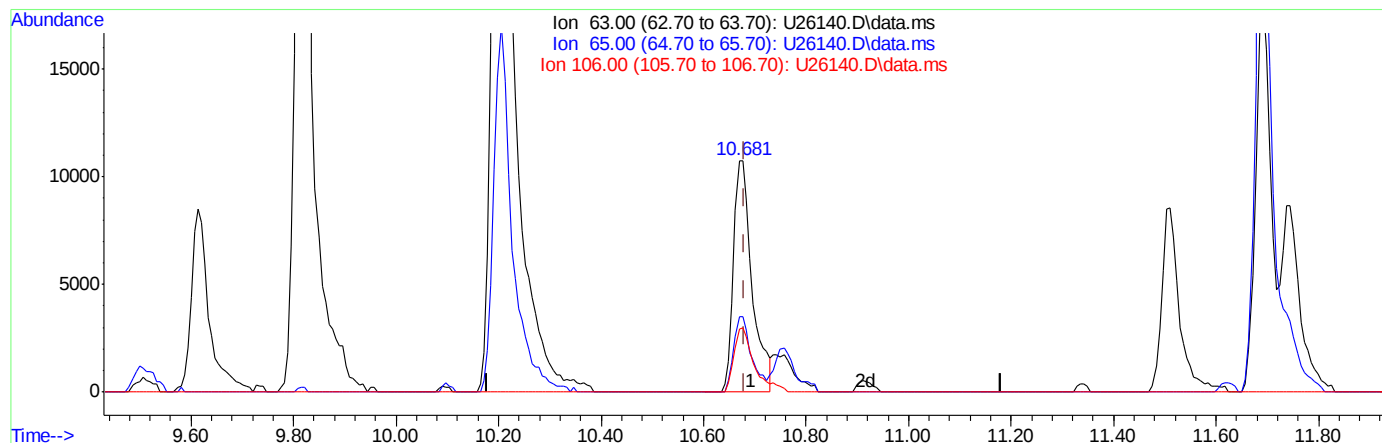
response 31887

Ion	Exp%	Act%
63.00	100	100
65.00	29.80	35.68
106.00	21.20	33.62
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U26140.D\data.ms

(56) 2-chloroethyl vinyl ether (P)

10.683min (+0.003) 64.14ppb m

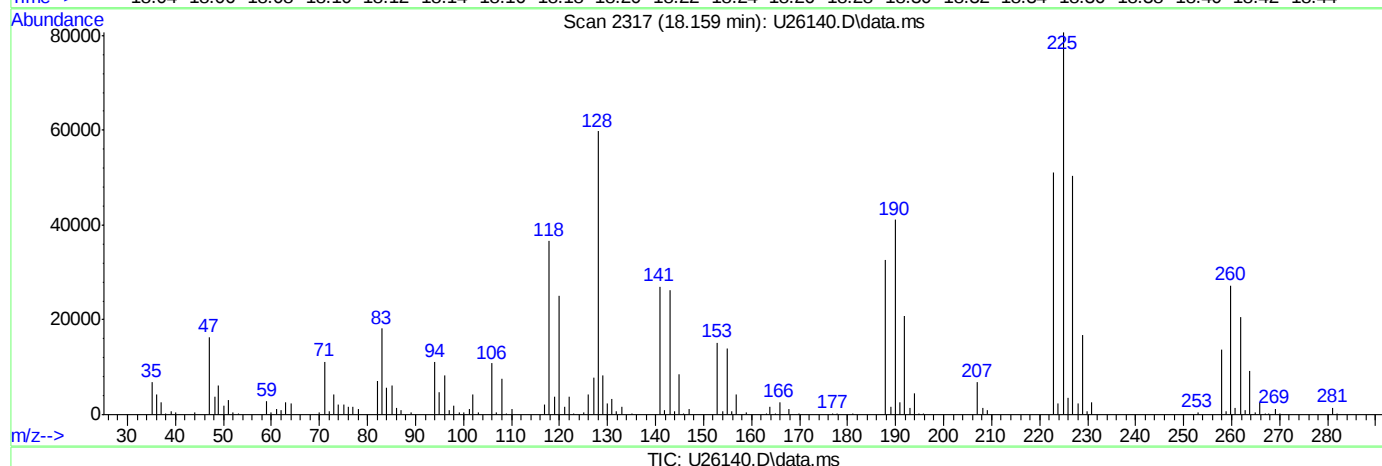
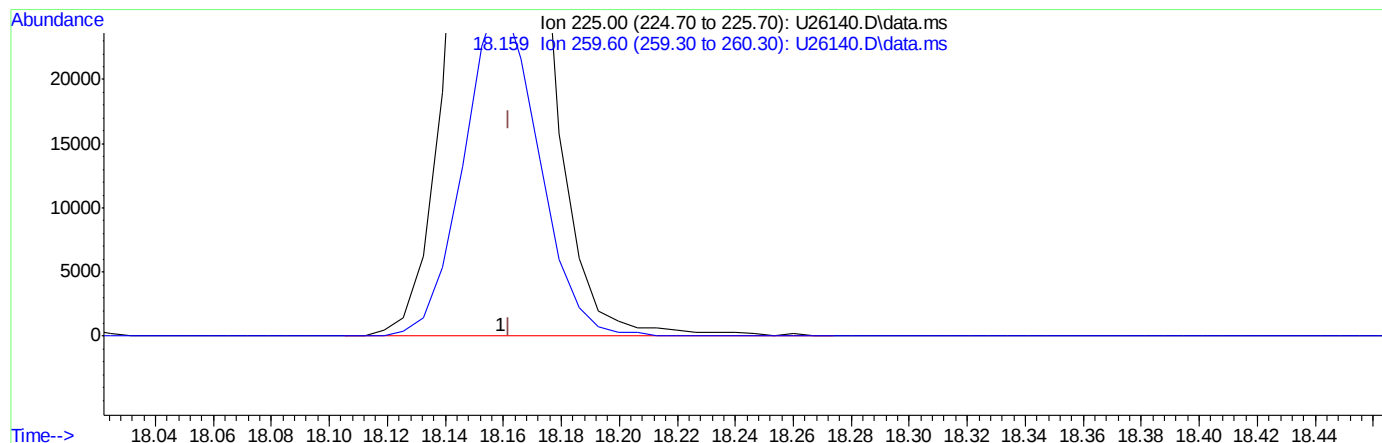
response 26657

Ion	Exp%	Act%
63.00	100	100
65.00	29.80	32.46
106.00	21.20	29.03
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(101) hexachlorobutadiene (P)

18.159min (-0.003) 60.16ppb

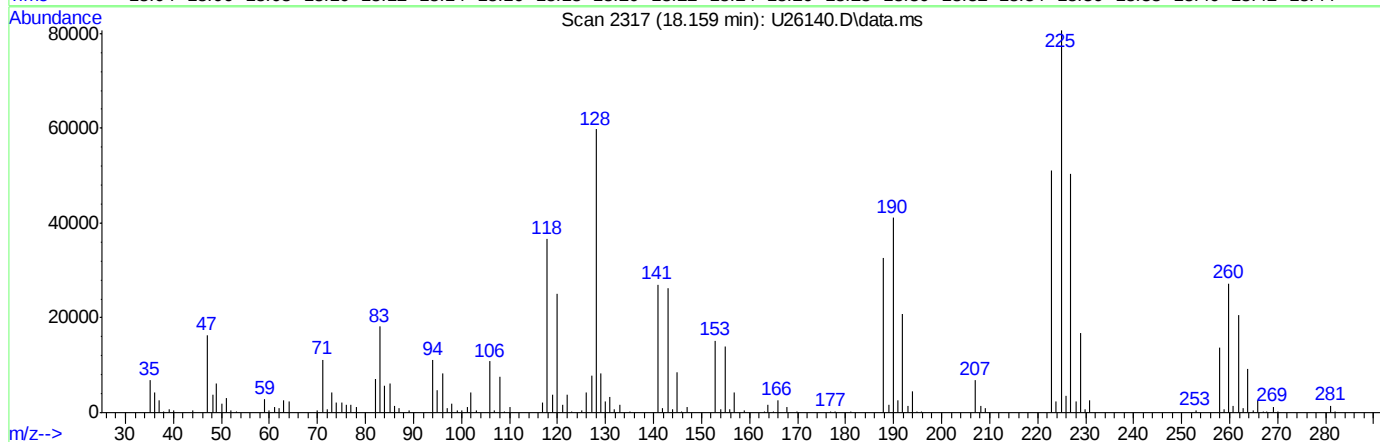
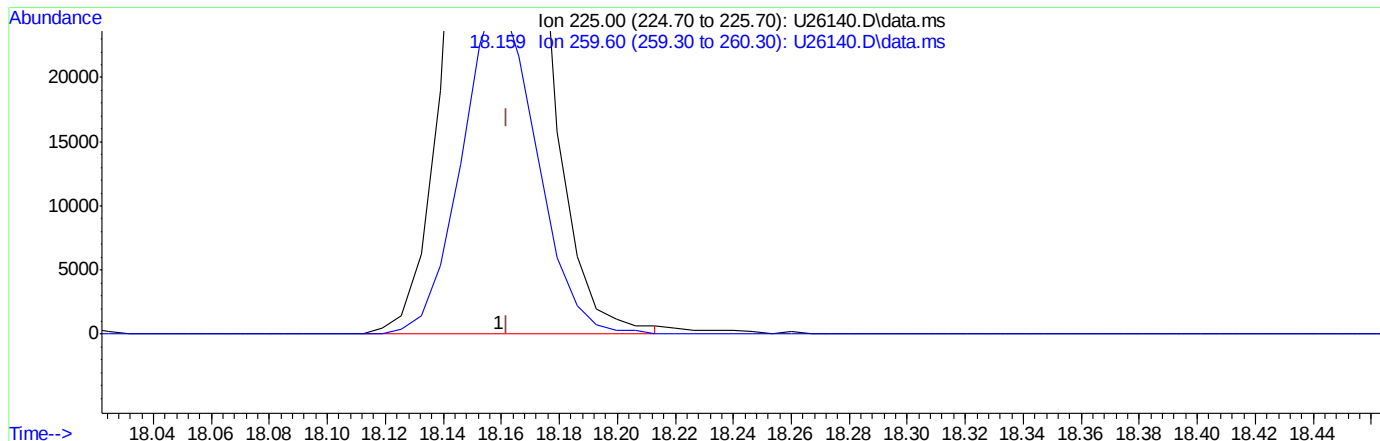
response 142239

Ion	Exp%	Act%
225.00	100	100
259.60	30.60	33.88
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U26140.D\data.ms

(101) hexachlorobutadiene (P)

18.159min (-0.003) 59.84ppb m

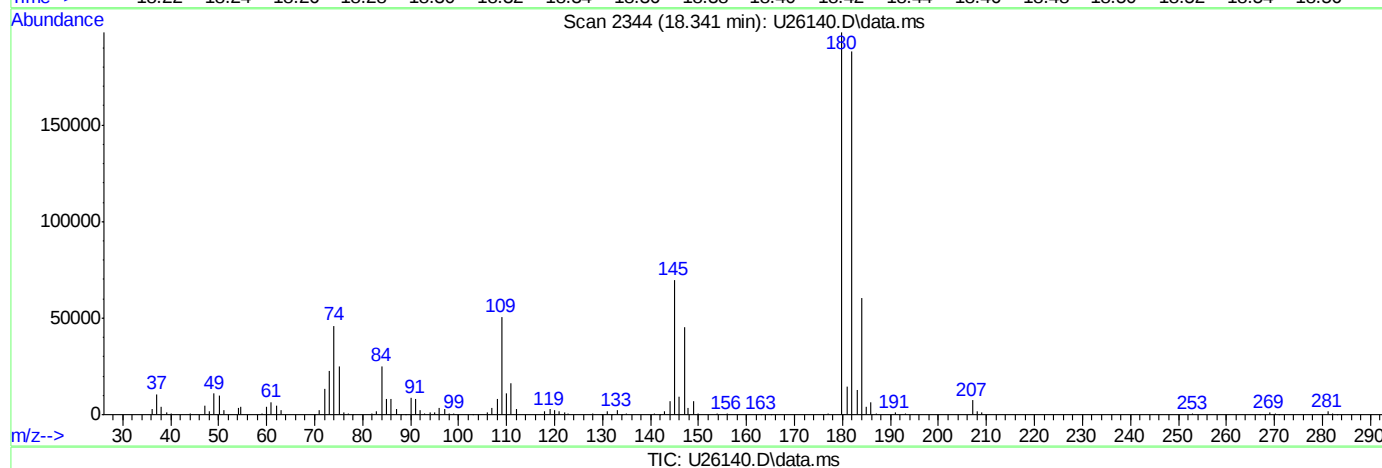
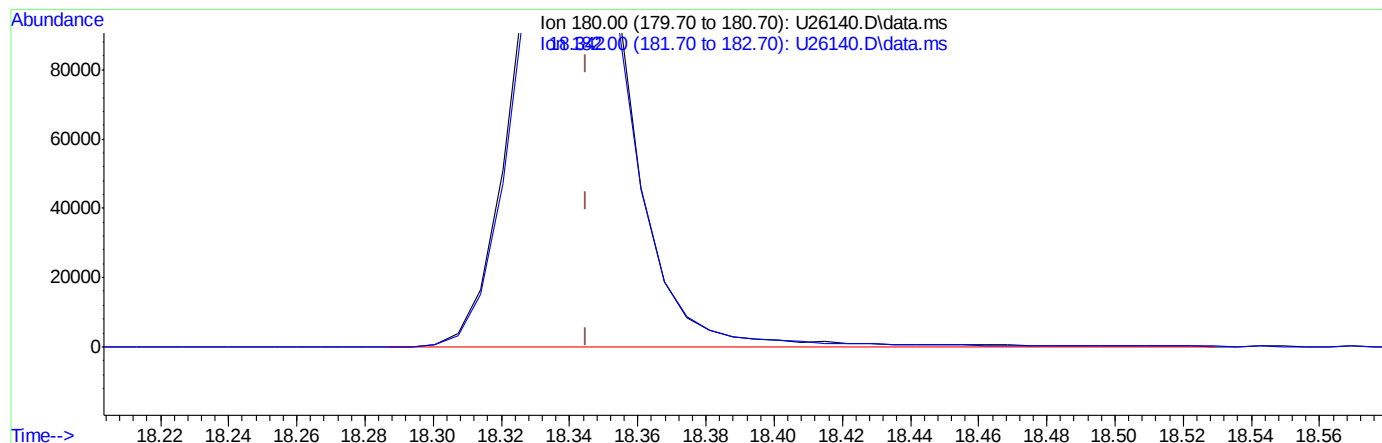
response 141479

Ion	Exp%	Act%
225.00	100	100
259.60	30.60	33.88
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(105) 1,2,3-trichlorobenzene (P)

18.342min (-0.003) 61.02ppb

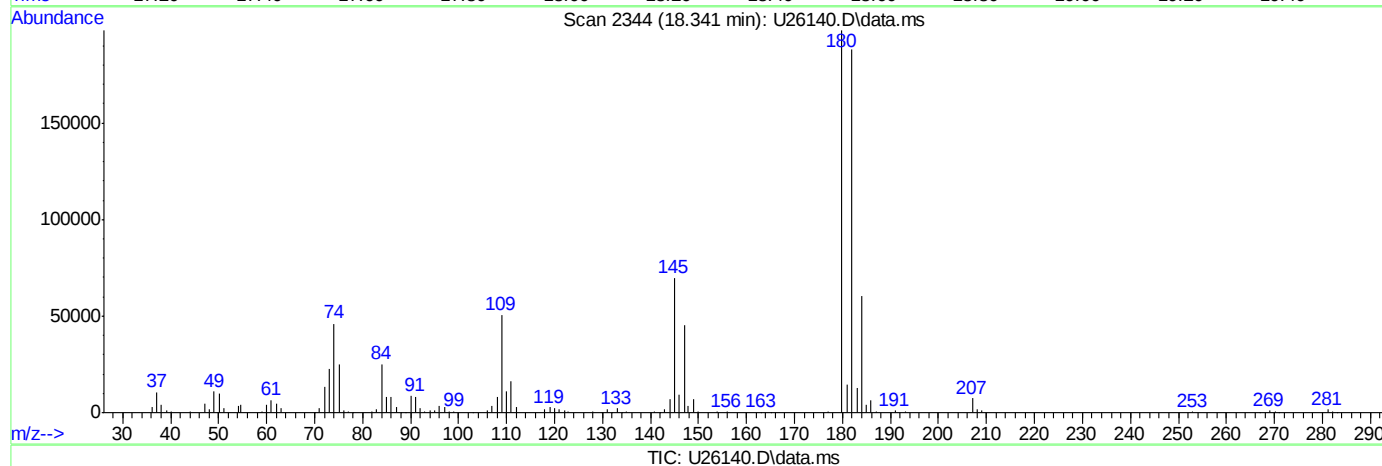
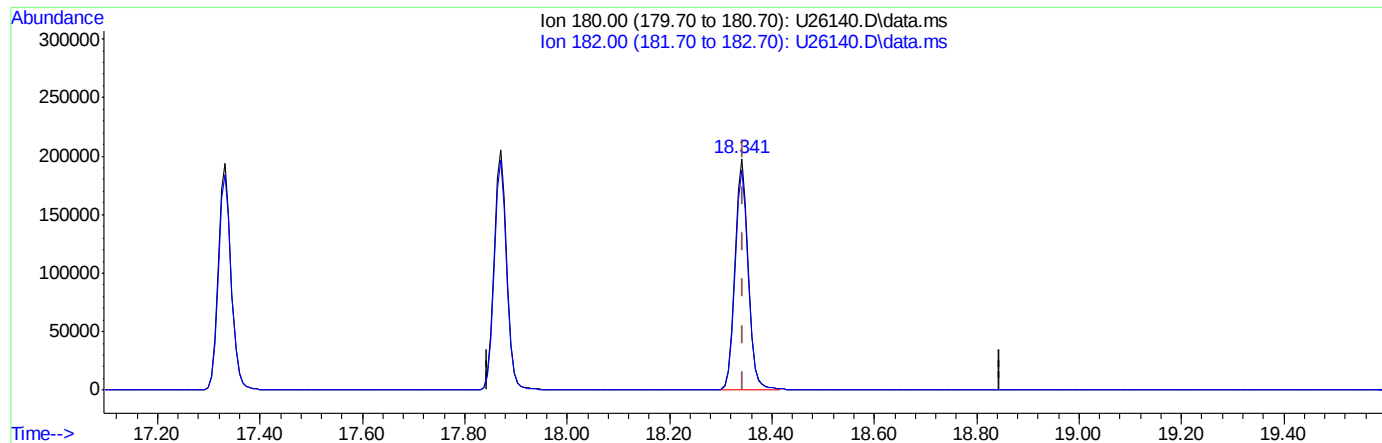
response 365768

Ion	Exp%	Act%
180.00	100	100
182.00	100.30	95.15
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(105) 1,2,3-trichlorobenzene (P)

18.341min (-0.004) 60.47ppb m

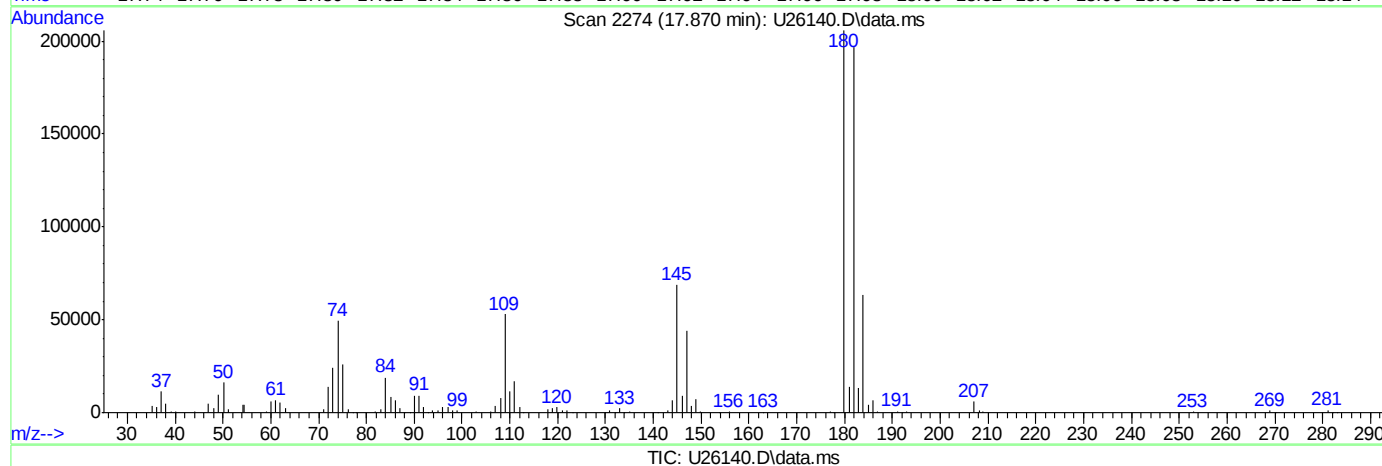
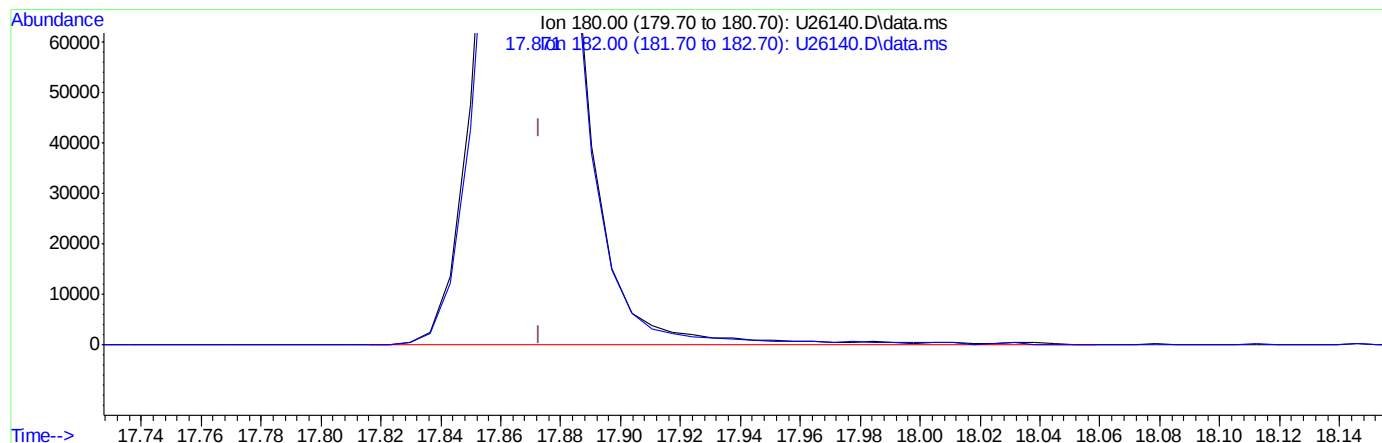
response 362447

Ion	Exp%	Act%
180.00	100	100
182.00	100.30	95.15
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(100) 1,2,4-trichlorobenzene (P)

17.871min (-0.002) 61.36ppb

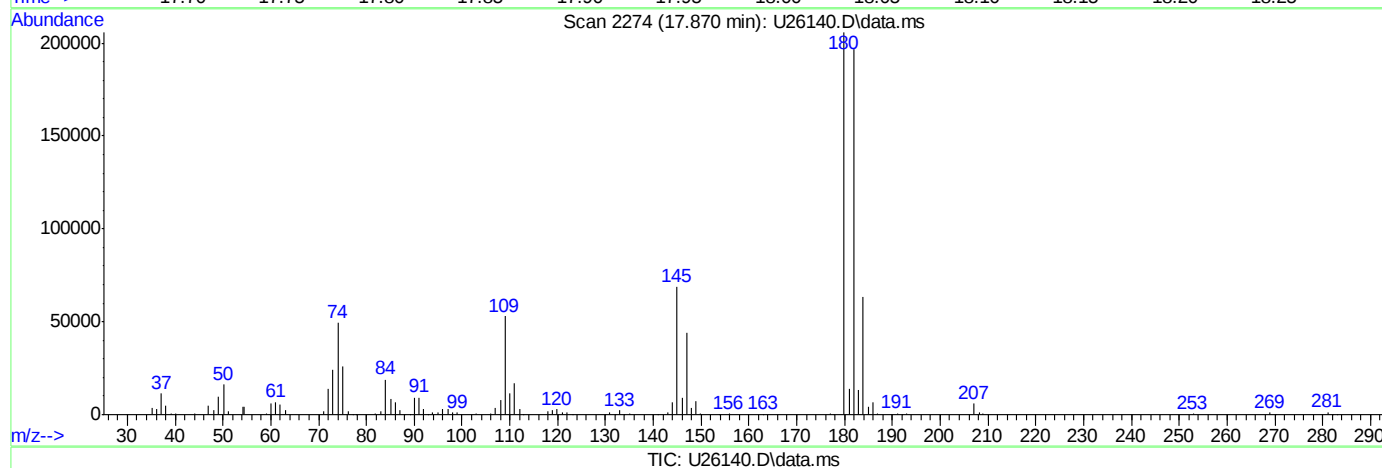
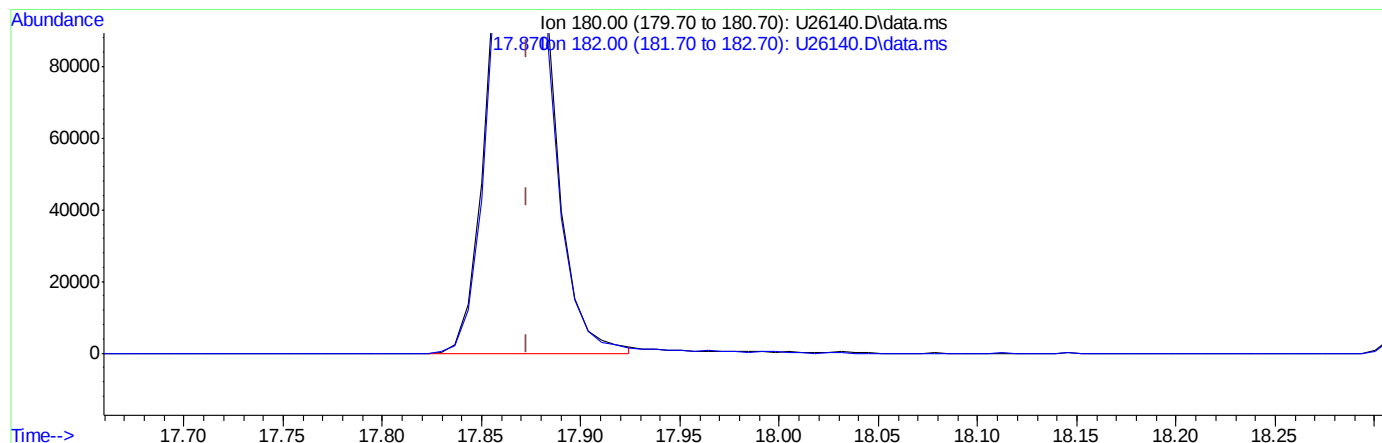
response 361747

Ion	Exp%	Act%
180.00	100	100
182.00	101.60	95.52
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(100) 1,2,4-trichlorobenzene (P)

17.870min (-0.003) 60.72ppb m

response 358000

Ion	Exp%	Act%
180.00	100	100
182.00	101.60	95.52
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150210\
 Data File : k85352.D
 Acq On : 10 Feb 2015 3:17 pm
 Operator : jaimem
 Sample : mc36792-8ms
 Misc : ms33841,msk2670,9.95,,100,10,1
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Feb 11 07:54:06 2015
 Quant Method : C:\msdchem\1\methods\K150203S.M
 Quant Title : SW-846 Method 8260
 QLast Update : Wed Feb 04 10:00:35 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Tert butyl alcohol-d9	6.400	65	34951	500.00	ug/kg	# 0.00
4) pentafluorobenzene	8.771	168	100583	50.00	ug/kg	0.00
44) 1,4-difluorobenzene	9.618	114	144372	50.00	ug/kg	0.00
67) chlorobenzene-d5	12.873	82	59483	50.00	ug/kg	0.00
82) 1,4-dichlorobenzene-d4	15.432	152	71744	50.00	ug/kg	0.00
System Monitoring Compounds						
41) dibromofluoromethane (s)	8.400	113	51254	49.78	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.56%		
61) toluene-d8 (s)	11.410	98	152831	49.27	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.54%		
84) bromofluorobenzene (s)	14.092	95	54138	49.34	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.68%		
Target Compounds						
						Qvalue
2) tertiary butyl alcohol	6.490	59	43657	466.18	ug/kg#	76
3) Ethanol	5.401	45	53870	5610.62	ug/kg#	100
5) dichlorodifluoromethane	4.205	85	45716	43.92	ug/kg	86
6) chloromethane	4.410	50	74635	44.83	ug/kg	88
7) vinyl chloride	4.632	62	23685	46.27	ug/kg	98
8) bromomethane	5.171	96	53907	48.85	ug/kg	94
9) chloroethane	5.278	64	22504	43.50	ug/kg	76
10) dichlorofluoromethane	5.330	67	68391	49.64	ug/kg	100
11) ethyl ether	6.110	59	30309	48.44	ug/kg	92
12) acetonitrile	5.896	41	6456	40.17	ug/kg#	53
13) trichlorofluoromethane	5.901	101	62044	49.54	ug/kg	95
14) freon-113	6.662	101	23876	48.97	ug/kg	87
15) acrolein	5.860	56	13504	196.73	ug/kg	100
16) 1,1-dichloroethene	6.460	96	45003	48.60	ug/kg#	80
17) acetone	5.997	58	651m	21.74	ug/kg	
18) Methyl Acetate	6.604	43	30234	36.51	ug/kg#	85
19) methylene chloride	6.600	84	52706	49.86	ug/kg#	74
20) methyl tert butyl ether	7.380	73	97839	45.71	ug/kg	94
21) acrylonitrile	6.488	53	13740	47.65	ug/kg	96
22) allyl chloride	6.684	41	64958	50.67	ug/kg	74
23) trans-1,2-dichloroethene	7.269	96	53208	49.14	ug/kg	91
24) iodomethane	6.508	142	114025	50.86	ug/kg	96
25) carbon disulfide	6.874	76	151787	48.07	ug/kg	100
26) propionitrile	7.511	54	5196	50.05	ug/kg	100
27) vinyl acetate	7.597	43	66191	79.22	ug/kg	87
28) chloroprene	7.884	53	54946	44.51	ug/kg	59
29) di-isopropyl ether	7.939	45	132460	49.03	ug/kg	93
30) methacrylonitrile	8.018	41	18896	44.14	ug/kg#	68
31) 2-butanone	7.922	72	2046	32.33	ug/kg#	1
32) Hexane	7.926	41	61248	48.18	ug/kg#	67
33) 1,1-dichloroethane	7.524	63	77406	46.82	ug/kg	90
34) tert-butyl ethyl ether	8.328	59	113970	45.76	ug/kg	92
35) isobutyl alcohol	8.343	43	20654	330.24	ug/kg	89
36) 2,2-dichloropropane	8.384	77	60578	46.98	ug/kg	93

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150210\
 Data File : k85352.D
 Acq On : 10 Feb 2015 3:17 pm
 Operator : jaimem
 Sample : mc36792-8ms
 Misc : ms33841,msk2670,9.95,,100,10,1
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Feb 11 07:54:06 2015
 Quant Method : C:\msdchem\1\methods\K150203S.M
 Quant Title : SW-846 Method 8260
 QLast Update : Wed Feb 04 10:00:35 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) cis-1,2-dichloroethene	8.096	96	57123	51.86	ug/kg	81
38) ethyl acetate	8.208	43	22355	35.83	ug/kg	95
39) bromochloromethane	8.249	128	31694	48.10	ug/kg	91
40) chloroform	8.288	83	81482	47.04	ug/kg	95
42) Tetrahydrofuran	8.611	42	9284	43.13	ug/kg	62
43) 1,1,1-trichloroethane	9.046	97	79521	48.34	ug/kg	97
45) Cyclohexane	9.344	56	62963	48.72	ug/kg#	82
46) carbon tetrachloride	9.405	117	79827	47.08	ug/kg	100
47) 1,1-dichloropropene	9.218	75	55218	46.77	ug/kg	98
48) benzene	9.416	78	164718	46.52	ug/kg	94
49) 1,2-dichloroethane	8.925	62	56188	47.82	ug/kg	95
50) tert-amyl methyl ether	9.566	73	113169	46.70	ug/kg	82
51) heptane	9.930	43	49119	49.96	ug/kg	86
52) trichloroethene	10.054	95	51189	50.70	ug/kg	93
53) 1,2-dichloropropane	10.008	63	40949	49.22	ug/kg	94
54) dibromomethane	9.982	93	28832	46.65	ug/kg	85
55) bromodichloromethane	10.094	83	56531	47.06	ug/kg	93
56) Methylcyclohexane	10.590	83	77084	50.58	ug/kg#	79
57) 2-chloroethyl vinyl ether	10.465	63	20403	43.34	ug/kg	96
58) methyl methacrylate	10.184	69	19980	44.72	ug/kg#	52
59) 1,4-dioxane	10.186	88	2177	223.31	ug/kg	93
60) cis-1,3-dichloropropene	10.719	75	65424	50.69	ug/kg	91
62) 4-methyl-2-pentanone	10.800	43	30955	44.35	ug/kg	90
63) toluene	11.482	92	101416	47.20	ug/kg	96
64) trans-1,3-dichloropropene	11.131	75	53053	47.45	ug/kg	97
65) 1,1,2-trichloroethane	11.302	83	28647	47.46	ug/kg	87
66) ethyl methacrylate	11.505	69	39982	47.83	ug/kg	87
68) tetrachloroethene	12.239	166	54244	50.88	ug/kg	96
69) 1,3-dichloropropane	11.540	76	51285	52.20	ug/kg	94
70) dibromochloromethane	11.820	129	50617	49.03	ug/kg	90
71) 1,2-dibromoethane	12.068	107	38449	49.34	ug/kg	86
72) 2-hexanone	11.656	43	11112	34.06	ug/kg	98
73) chlorobenzene	12.908	112	115691	47.28	ug/kg	99
74) 1,1,1,2-tetrachloroethane	12.836	131	62477	52.85	ug/kg	85
75) ethylbenzene	13.079	91	187596	50.90	ug/kg	98
76) m,p-xylene	13.262	106	152873	99.33	ug/kg	95
77) o-xylene	13.676	106	79716	49.20	ug/kg	84
78) styrene	13.598	104	120755	51.31	ug/kg	78
79) bromoform	13.419	173	29485	47.14	ug/kg	96
80) cis-1,4-dichloro-2-butene	13.508	88	14866	51.46	ug/kg#	79
81) trans-1,4-dichloro-2-b...	13.829	53	9885	46.70	ug/kg#	31
83) isopropylbenzene	14.041	105	216204	46.94	ug/kg	99
85) bromobenzene	14.326	156	61205	48.20	ug/kg	88
86) 1,1,2,2-tetrachloroethane	13.687	83	43519	47.07	ug/kg	95
87) 1,2,3-trichloropropane	13.829	75	45216	46.07	ug/kg	95
88) n-propylbenzene	14.487	91	218573	46.09	ug/kg	97
89) 2-chlorotoluene	14.607	91	133519	46.39	ug/kg	97
90) 4-chlorotoluene	14.684	91	126209	46.14	ug/kg	95
91) 1,3,5-trimethylbenzene	14.758	105	195295	49.55	ug/kg	89
92) tert-butylbenzene	15.066	91	98775	46.82	ug/kg	93

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150210\
Data File : k85352.D
Acq On : 10 Feb 2015 3:17 pm
Operator : jaimem
Sample : mc36792-8ms
Misc : ms33841,msk2670,9.95,,100,10,1
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Feb 11 07:54:06 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Feb 04 10:00:35 2015
Response via : Initial Calibration

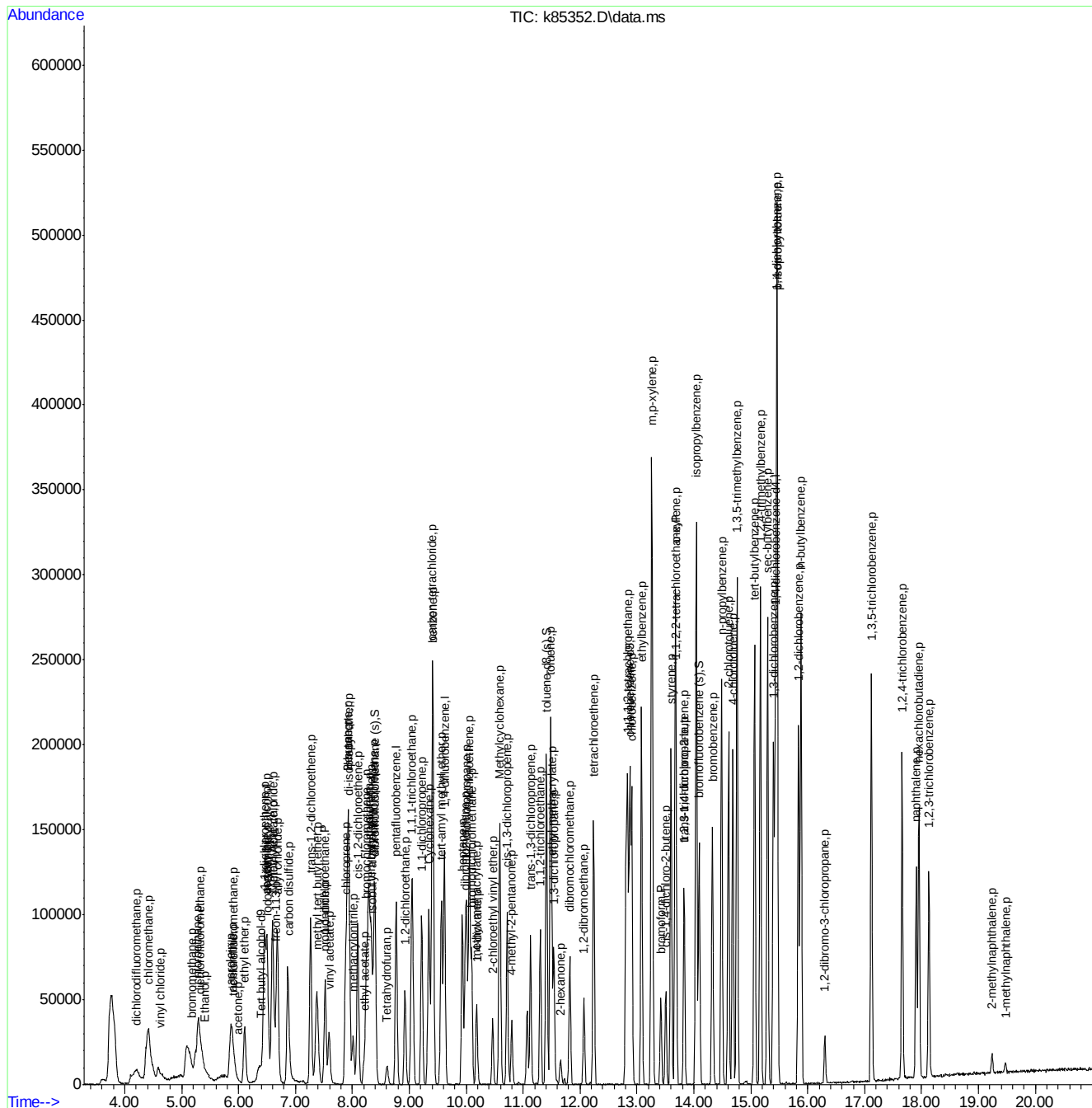
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93)	1,2,4-trimethylbenzene	15.169	105	190646	47.06	ug/kg	89
94)	sec-butylbenzene	15.294	105	235670	46.97	ug/kg	96
95)	1,3-dichlorobenzene	15.397	146	108444	46.20	ug/kg	98
96)	p-isopropyltoluene	15.461	119	215559	48.11	ug/kg	97
97)	1,4-dichlorobenzene	15.460	146	104921	45.72	ug/kg	99
98)	1,2-dichlorobenzene	15.837	146	111056	45.92	ug/kg	97
99)	n-butylbenzene	15.882	91	173226	48.59	ug/kg	92
100)	1,2-dibromo-3-chloropr...	16.301	75	6976	41.90	ug/kg	85
101)	1,3,5-trichlorobenzene	17.119	180	92485	43.74	ug/kg	99
102)	1,2,4-trichlorobenzene	17.659	180	73010	43.67	ug/kg	98
103)	hexachlorobutadiene	17.953	225	36744	47.87	ug/kg	90
104)	naphthalene	17.905	128	122844	38.05	ug/kg	100
105)	1,2,3-trichlorobenzene	18.130	180	48238	39.37	ug/kg	96
106)	2-methylnaphthalene	19.238	142	8276	8.01	ug/kg	98
107)	1-methylnaphthalene	19.474	142	4090	5.55	ug/kg#	1

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150210\
Data File : k85352.D
Acq On : 10 Feb 2015 3:17 pm
Operator : jaimem
Sample : mc36792-8ms
Misc : ms33841,msk2670,9.95,,100,10,1
ALS Vial : 17 Sample Multiplier: 1

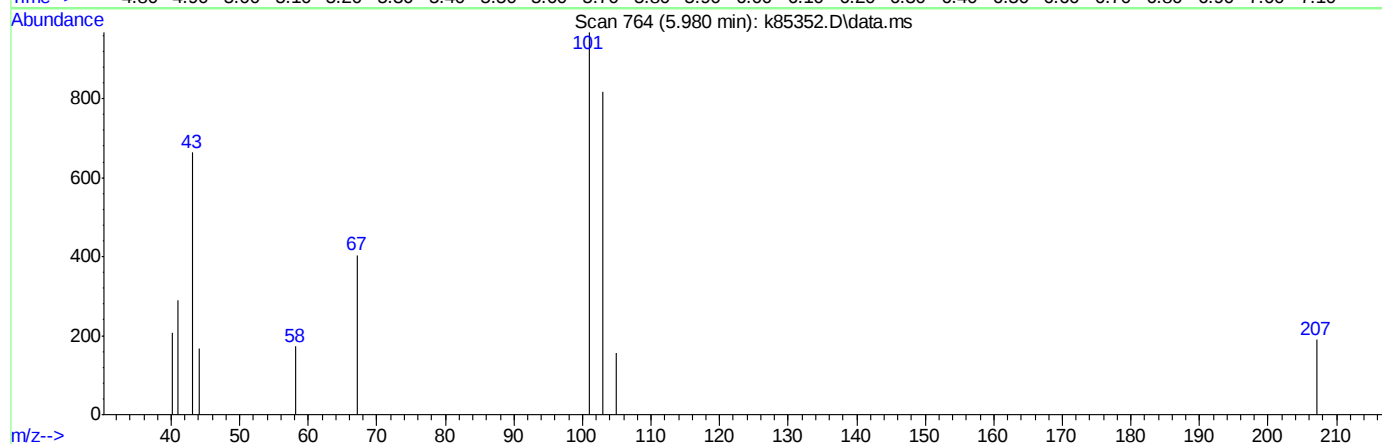
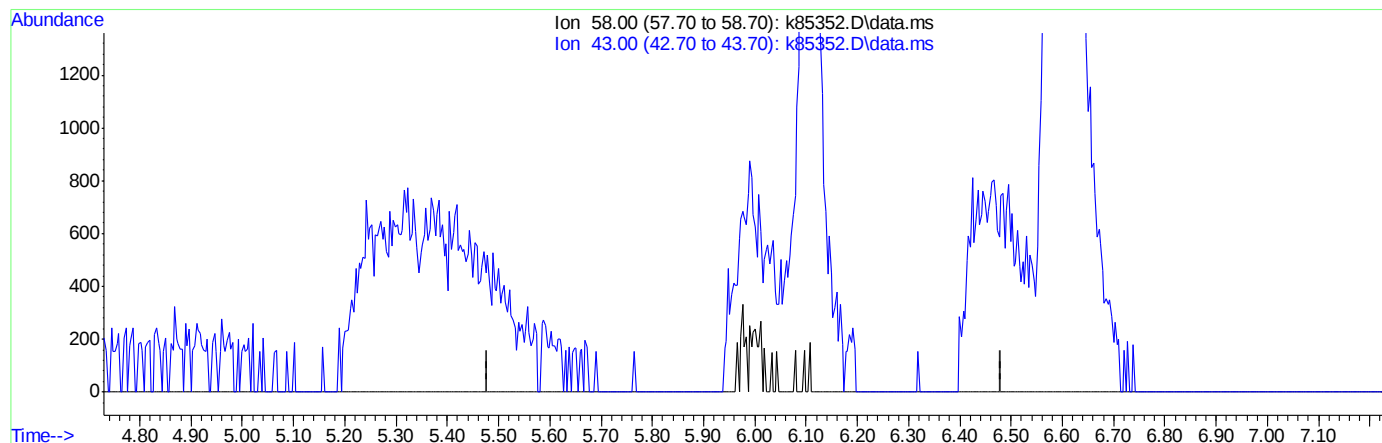
Quant Time: Feb 11 07:54:06 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Feb 04 10:00:35 2015
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150210\
Data File : k85352.D
Acq On : 10 Feb 2015 3:17 pm
Operator : jaimem
Sample : mc36792-8ms
Misc : ms33841,msk2670,9.95,,100,10,1
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Feb 11 07:53:47 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Feb 04 10:00:35 2015
Response via : Initial Calibration



(17) acetone (p)

5.980min (-5.980) 0.00ug/kg

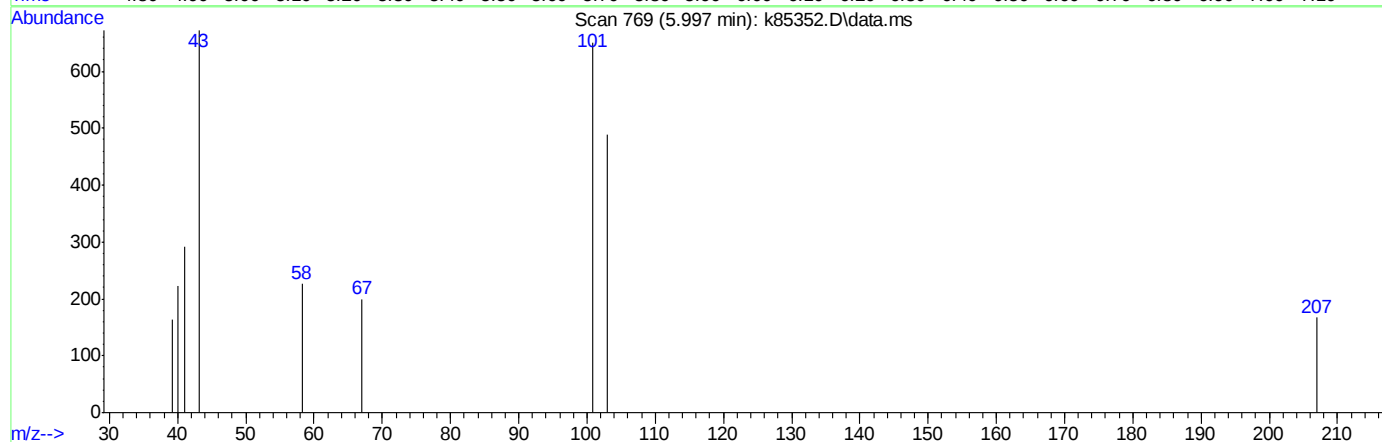
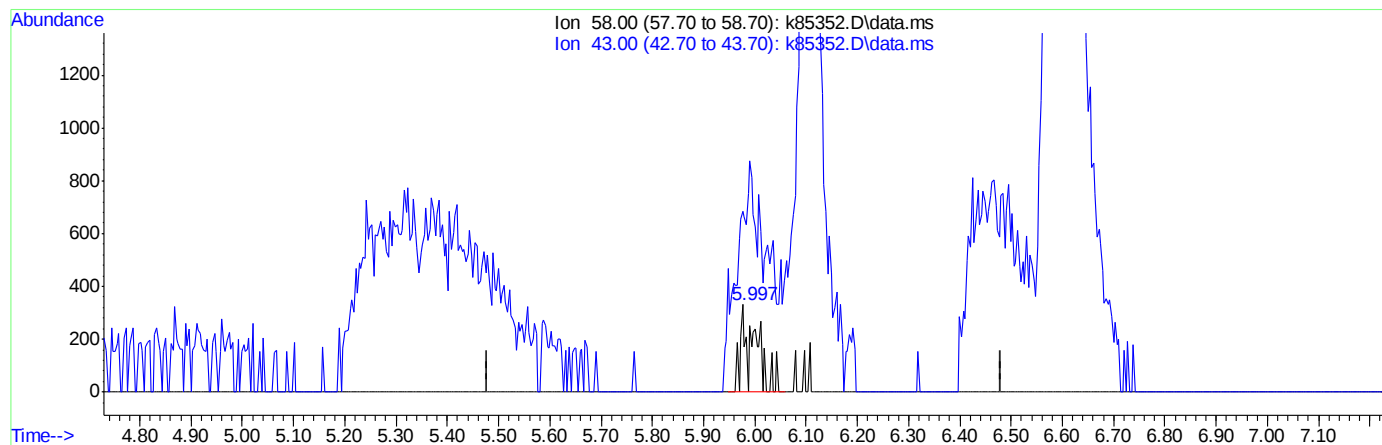
response 0

Ion	Exp%	Act%
58.00	100	0.00
43.00	21.80	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150210\
Data File : k85352.D
Acq On : 10 Feb 2015 3:17 pm
Operator : jaimem
Sample : mc36792-8ms
Misc : ms33841,msk2670,9.95,,100,10,1
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Feb 11 07:53:47 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Feb 04 10:00:35 2015
Response via : Initial Calibration



TIC: k85352.D\data.ms

(17) acetone (p)

5.997min (+0.017) 21.74ug/kg m

response 651

Ion	Exp%	Act%
58.00	100	100
43.00	21.80	297.35#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150210\
 Data File : k85353.D
 Acq On : 10 Feb 2015 3:44 pm
 Operator : jaimem
 Sample : mc36792-8msd
 Misc : ms33841,msk2670,9.95,,100,10,1
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 11 07:55:07 2015
 Quant Method : C:\msdchem\1\methods\K150203S.M
 Quant Title : SW-846 Method 8260
 QLast Update : Wed Feb 04 10:00:35 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Tert butyl alcohol-d9	6.445	65	43089	500.00	ug/kg	# 0.04
4) pentafluorobenzene	8.771	168	96661	50.00	ug/kg	0.00
44) 1,4-difluorobenzene	9.618	114	137684	50.00	ug/kg	0.00
67) chlorobenzene-d5	12.873	82	62416	50.00	ug/kg	0.00
82) 1,4-dichlorobenzene-d4	15.431	152	80272	50.00	ug/kg	0.00
System Monitoring Compounds						
41) dibromofluoromethane (s)	8.400	113	49505	50.04	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	100.08%		
61) toluene-d8 (s)	11.410	98	159338	53.86	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	107.72%		
84) bromofluorobenzene (s)	14.092	95	59074	48.11	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.22%		
Target Compounds						
						Qvalue
2) tertiary butyl alcohol	6.525	59	51758	448.30	ug/kg#	76
3) Ethanol	5.507	45	60963m	5150.19	ug/kg	
5) dichlorodifluoromethane	4.218	85	53293	53.20	ug/kg	88
6) chloromethane	4.418	50	73626	46.02	ug/kg	97
7) vinyl chloride	4.702	62	56626	115.10	ug/kg	95
8) bromomethane	5.158	96	49299	46.49	ug/kg	99
9) chloroethane	5.278	64	22563	45.38	ug/kg	74
10) dichlorofluoromethane	5.323	67	69569	52.55	ug/kg	100
11) ethyl ether	6.105	59	27520	45.77	ug/kg	82
12) acetonitrile	5.904	41	6798	44.01	ug/kg	74
13) trichlorofluoromethane	5.893	101	64854	53.89	ug/kg	95
14) freon-113	6.664	101	23891	50.99	ug/kg	94
15) acrolein	5.856	56	13054	197.89	ug/kg	100
16) 1,1-dichloroethene	6.452	96	45019	50.59	ug/kg#	79
17) acetone	5.990	58	358m	14.81	ug/kg	
18) Methyl Acetate	6.603	43	32742	41.14	ug/kg#	86
19) methylene chloride	6.595	84	49939	49.16	ug/kg#	76
20) methyl tert butyl ether	7.379	73	102971	50.06	ug/kg	93
21) acrylonitrile	6.489	53	14317	51.67	ug/kg	89
22) allyl chloride	6.681	41	61156	49.64	ug/kg	64
23) trans-1,2-dichloroethene	7.267	96	49736	47.80	ug/kg	90
24) iodomethane	6.500	142	116396	54.02	ug/kg	98
25) carbon disulfide	6.866	76	152451	50.24	ug/kg	99
26) propionitrile	7.517	54	5328	53.18	ug/kg	100
27) vinyl acetate	7.596	43	59363	73.94	ug/kg	95
28) chloroprene	7.884	53	50709	42.75	ug/kg	53
29) di-isopropyl ether	7.938	45	127712	49.19	ug/kg	92
30) methacrylonitrile	8.016	41	19041	46.29	ug/kg	72
31) 2-butanone	7.928	72	2032	33.25	ug/kg#	44
32) Hexane	7.924	41	56248	46.04	ug/kg#	65
33) 1,1-dichloroethane	7.522	63	71604	45.06	ug/kg	89
34) tert-butyl ethyl ether	8.325	59	118547	49.53	ug/kg	91
35) isobutyl alcohol	8.355	43	22360	372.03	ug/kg#	29
36) 2,2-dichloropropane	8.384	77	63524	51.26	ug/kg	97

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150210\
 Data File : k85353.D
 Acq On : 10 Feb 2015 3:44 pm
 Operator : jaimem
 Sample : mc36792-8msd
 Misc : ms33841,msk2670,9.95,,100,10,1
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 11 07:55:07 2015
 Quant Method : C:\msdchem\1\methods\K150203S.M
 Quant Title : SW-846 Method 8260
 QLast Update : Wed Feb 04 10:00:35 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) cis-1,2-dichloroethene	8.096	96	53313	50.37	ug/kg	86
38) ethyl acetate	8.208	43	21465	35.80	ug/kg	99
39) bromochloromethane	8.248	128	30231	47.74	ug/kg	88
40) chloroform	8.287	83	77573	46.60	ug/kg	94
42) Tetrahydrofuran	8.613	42	9793	47.34	ug/kg	81
43) 1,1,1-trichloroethane	9.046	97	80676	51.03	ug/kg	96
45) Cyclohexane	9.344	56	65718	53.33	ug/kg#	79
46) carbon tetrachloride	9.405	117	79887	49.40	ug/kg	95
47) 1,1-dichloropropene	9.218	75	51373	45.62	ug/kg	99
48) benzene	9.416	78	155331	46.00	ug/kg	91
49) 1,2-dichloroethane	8.925	62	51596	46.04	ug/kg	95
50) tert-amyl methyl ether	9.564	73	111858	48.40	ug/kg	81
51) heptane	9.931	43	48587	51.82	ug/kg	83
52) trichloroethene	10.054	95	46810	48.62	ug/kg	93
53) 1,2-dichloropropane	10.009	63	39736	50.08	ug/kg	96
54) dibromomethane	9.982	93	26672	45.25	ug/kg	92
55) bromodichloromethane	10.094	83	54903	47.93	ug/kg	97
56) Methylcyclohexane	10.590	83	74646	51.36	ug/kg	84
57) 2-chloroethyl vinyl ether	10.466	63	19813	44.13	ug/kg	98
58) methyl methacrylate	10.185	69	20598	48.35	ug/kg#	55
59) 1,4-dioxane	10.213	88	2315	245.22	ug/kg#	32
60) cis-1,3-dichloropropene	10.719	75	61111	49.65	ug/kg	87
62) 4-methyl-2-pentanone	10.803	43	33911	50.94	ug/kg	89
63) toluene	11.482	92	101733	49.65	ug/kg	91
64) trans-1,3-dichloropropene	11.131	75	50375	47.24	ug/kg	97
65) 1,1,2-trichloroethane	11.302	83	29144	50.63	ug/kg	90
66) ethyl methacrylate	11.505	69	43101	54.07	ug/kg	89
68) tetrachloroethene	12.239	166	54529	48.67	ug/kg	98
69) 1,3-dichloropropane	11.540	76	51938	50.38	ug/kg	98
70) dibromochloromethane	11.820	129	52288	48.26	ug/kg	93
71) 1,2-dibromoethane	12.068	107	39029	47.73	ug/kg	79
72) 2-hexanone	11.658	43	12762	37.28	ug/kg	94
73) chlorobenzene	12.908	112	119035	46.36	ug/kg	96
74) 1,1,1,2-tetrachloroethane	12.836	131	63957	51.56	ug/kg	83
75) ethylbenzene	13.079	91	203013	52.57	ug/kg	100
76) m,p-xylene	13.262	106	163988	101.54	ug/kg	99
77) o-xylene	13.675	106	85430	50.30	ug/kg	86
78) styrene	13.598	104	129982	52.64	ug/kg	81
79) bromoform	13.419	173	32921	50.16	ug/kg	97
80) cis-1,4-dichloro-2-butene	13.507	88	16111	53.14	ug/kg#	78
81) trans-1,4-dichloro-2-b...	13.828	53	10956	49.49	ug/kg#	15
83) isopropylbenzene	14.040	105	228370	44.31	ug/kg	97
85) bromobenzene	14.326	156	66247	46.63	ug/kg	88
86) 1,1,2,2-tetrachloroethane	13.687	83	48163	46.56	ug/kg	96
87) 1,2,3-trichloropropane	13.829	75	52488	47.80	ug/kg	97
88) n-propylbenzene	14.487	91	239948	45.22	ug/kg	98
89) 2-chlorotoluene	14.607	91	145488	45.18	ug/kg	94
90) 4-chlorotoluene	14.683	91	137974	45.09	ug/kg	96
91) 1,3,5-trimethylbenzene	14.757	105	207546	47.06	ug/kg	92
92) tert-butylbenzene	15.065	91	94525	40.04	ug/kg	97

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150210\
Data File : k85353.D
Acq On : 10 Feb 2015 3:44 pm
Operator : jaimem
Sample : mc36792-8msd
Misc : ms33841,msk2670,9.95,,100,10,1
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 11 07:55:07 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Feb 04 10:00:35 2015
Response via : Initial Calibration

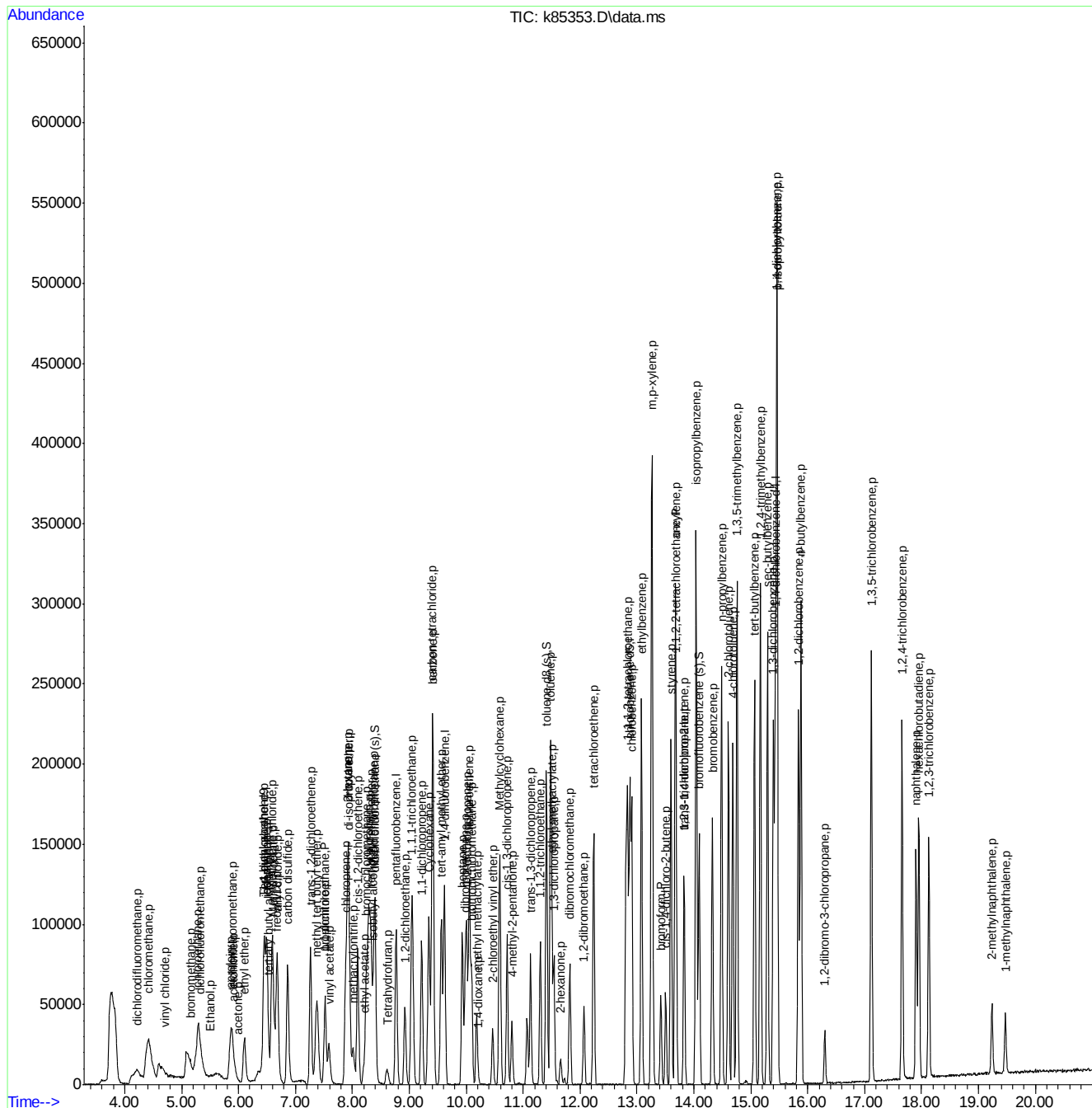
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93)	1,2,4-trimethylbenzene	15.168	105	206660	45.60	ug/kg	88
94)	sec-butylbenzene	15.293	105	242127	43.13	ug/kg	98
95)	1,3-dichlorobenzene	15.396	146	120556	45.91	ug/kg	97
96)	p-isopropyltoluene	15.460	119	226724	45.22	ug/kg	96
97)	1,4-dichlorobenzene	15.458	146	118888	46.31	ug/kg	99
98)	1,2-dichlorobenzene	15.837	146	125046	46.21	ug/kg	97
99)	n-butylbenzene	15.881	91	190594	47.79	ug/kg	91
100)	1,2-dibromo-3-chloropr...	16.300	75	8216	44.10	ug/kg	95
101)	1,3,5-trichlorobenzene	17.118	180	105154	44.45	ug/kg	99
102)	1,2,4-trichlorobenzene	17.658	180	85921	45.93	ug/kg	100
103)	hexachlorobutadiene	17.952	225	37344	43.49	ug/kg	96
104)	naphthalene	17.904	128	144800	40.08	ug/kg	100
105)	1,2,3-trichlorobenzene	18.129	180	59436	43.36	ug/kg	99
106)	2-methylnaphthalene	19.237	142	29482	25.51	ug/kg	97
107)	1-methylnaphthalene	19.473	142	24835	30.13	ug/kg#	1

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150210\
Data File : k85353.D
Acq On : 10 Feb 2015 3:44 pm
Operator : jaimem
Sample : mc36792-8msd
Misc : ms33841,msk2670,9.95,,100,10,1
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 11 07:55:07 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Feb 04 10:00:35 2015
Response via : Initial Calibration



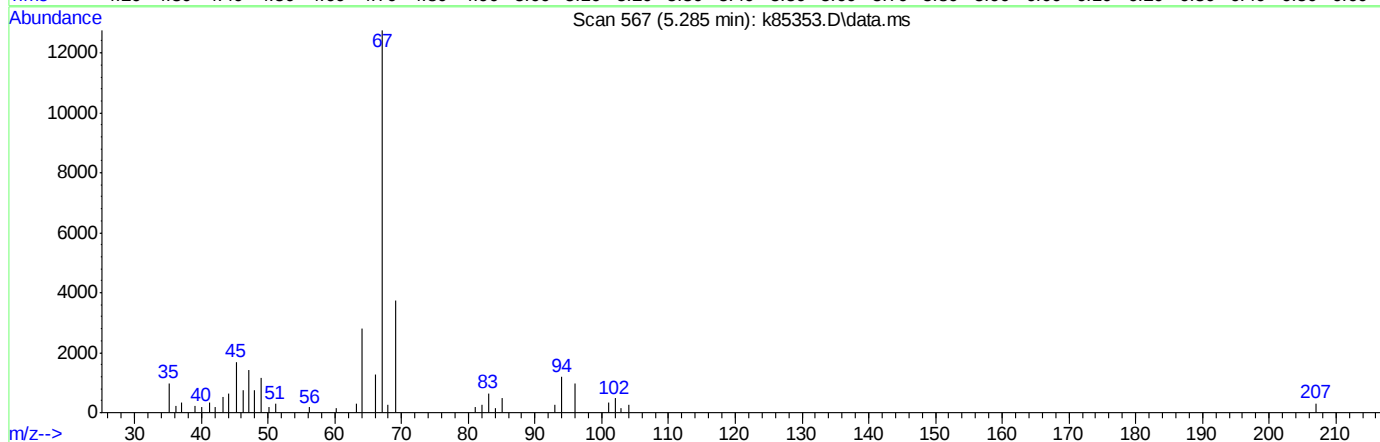
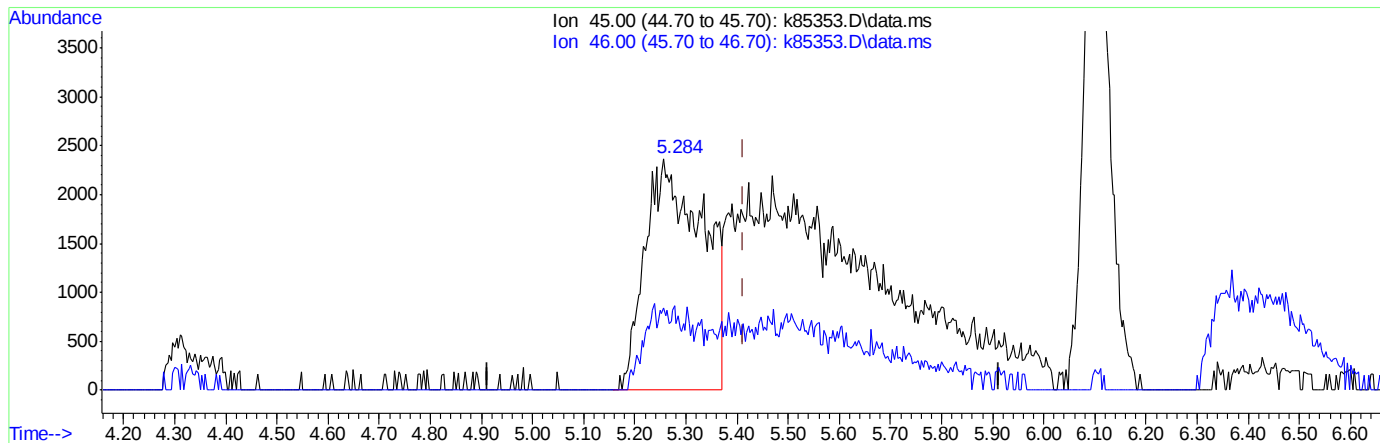
K150203S.M Wed Feb 11 07:55:34 2015

Page: 4

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150210\
Data File : k85353.D
Acq On : 10 Feb 2015 3:44 pm
Operator : jaimem
Sample : mc36792-8msd
Misc : ms33841,msk2670,9.95,,100,10,1
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 11 07:54:36 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Feb 04 10:00:35 2015
Response via : Initial Calibration



TIC: k85353.D\data.ms

(3) Ethanol (p)

5.284min (-0.130) 1561.79ug/kg

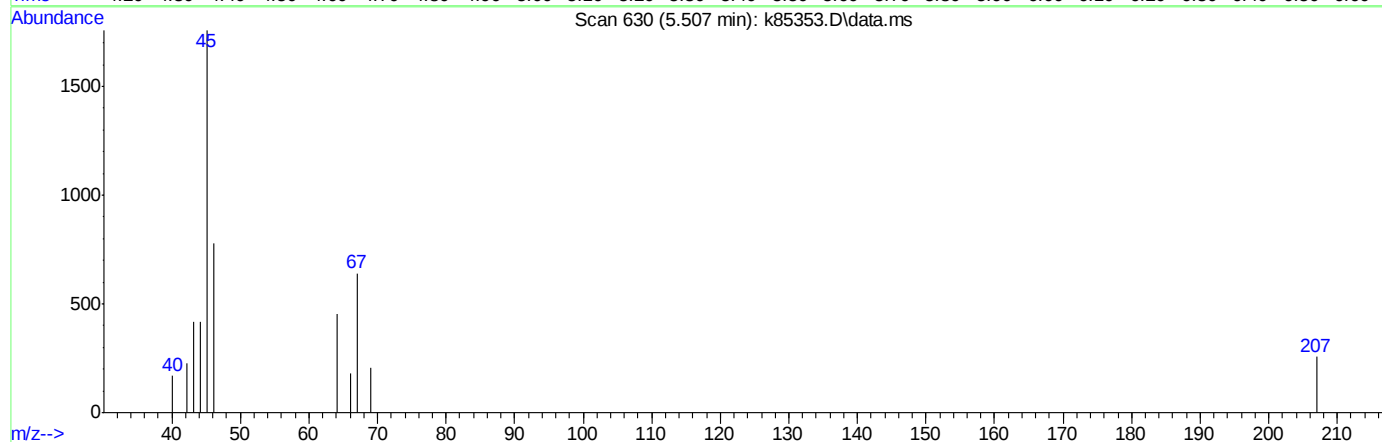
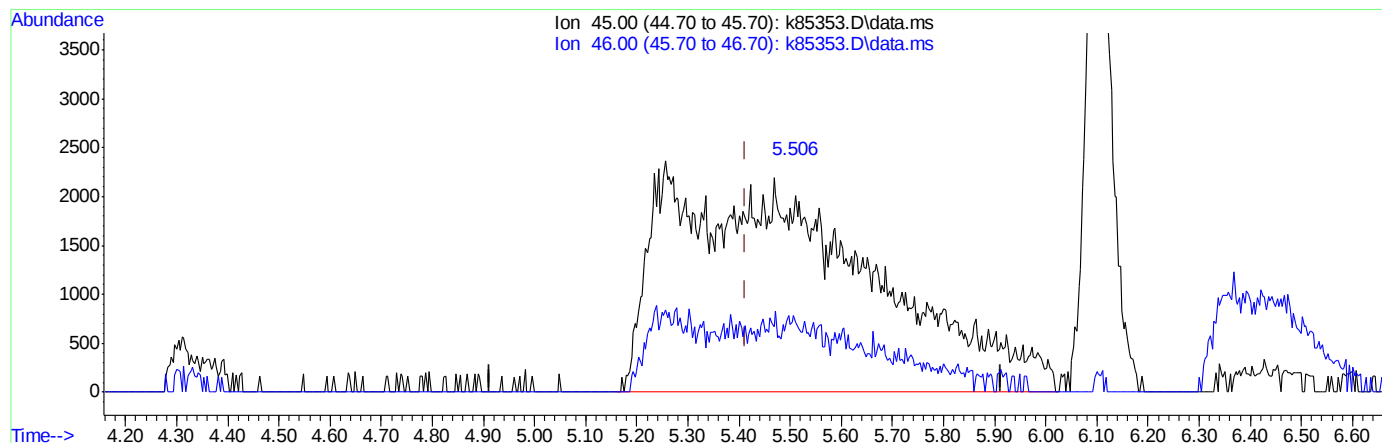
response 18487

Ion	Exp%	Act%
45.00	100	100
46.00	0.00	40.51#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150210\
Data File : k85353.D
Acq On : 10 Feb 2015 3:44 pm
Operator : jaimem
Sample : mc36792-8msd
Misc : ms33841,msk2670,9.95,,100,10,1
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 11 07:54:36 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Feb 04 10:00:35 2015
Response via : Initial Calibration



(3) Ethanol (p)

5.507min (+0.093) 5150.19ug/kg m

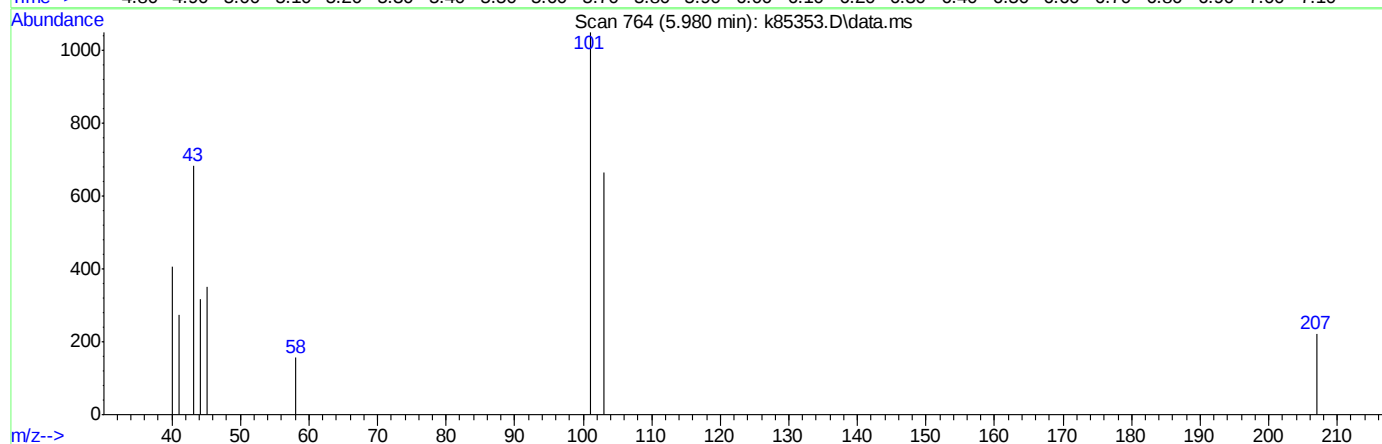
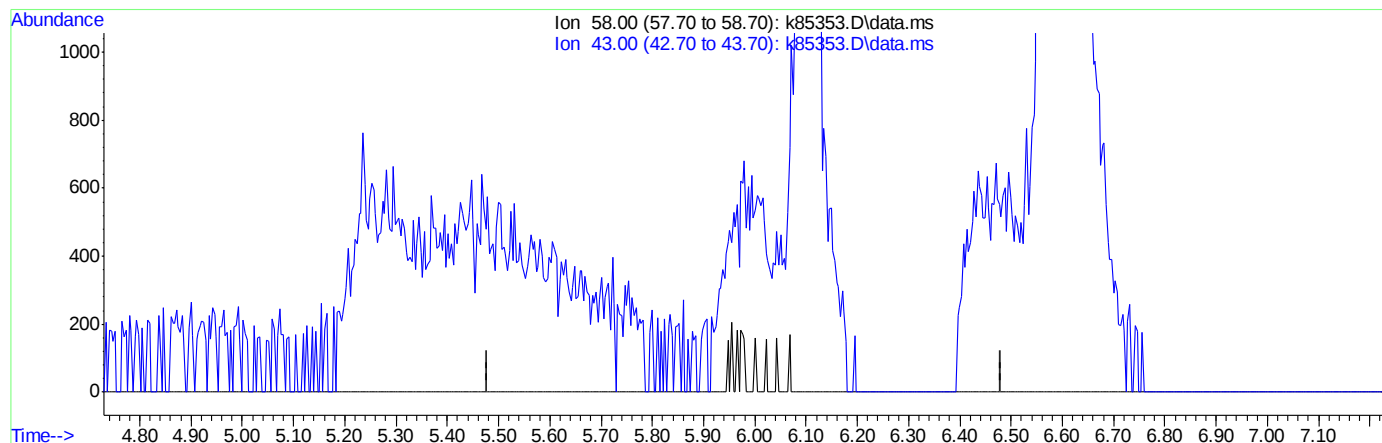
response 60963

Ion	Exp%	Act%
45.00	100	100
46.00	0.00	12.28#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150210\
Data File : k85353.D
Acq On : 10 Feb 2015 3:44 pm
Operator : jaimem
Sample : mc36792-8msd
Misc : ms33841,msk2670,9.95,,100,10,1
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 11 07:54:36 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Feb 04 10:00:35 2015
Response via : Initial Calibration



TIC: k85353.D\data.ms

(17) acetone (p)

5.980min (-5.980) 0.00ug/kg

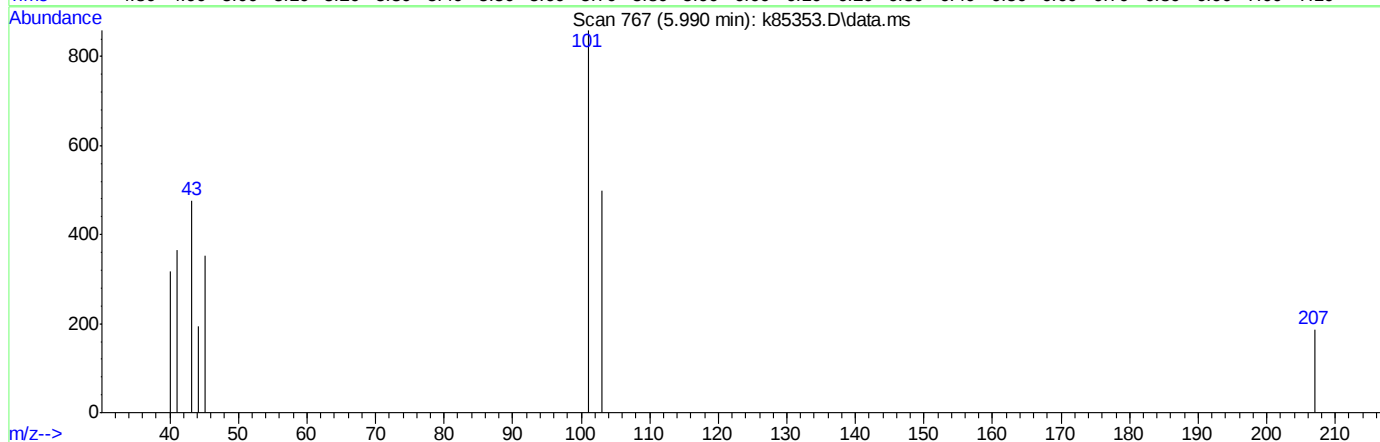
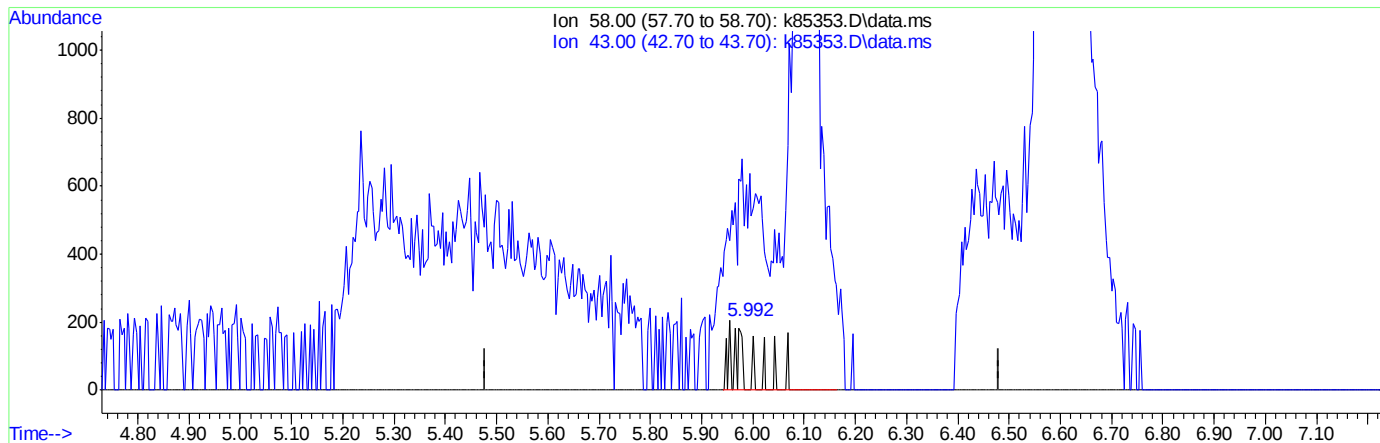
response 0

Ion	Exp%	Act%
58.00	100	0.00
43.00	21.80	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150210\
Data File : k85353.D
Acq On : 10 Feb 2015 3:44 pm
Operator : jaimem
Sample : mc36792-8msd
Misc : ms33841,msk2670,9.95,,100,10,1
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 11 07:54:36 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Feb 04 10:00:35 2015
Response via : Initial Calibration



TIC: k85353.D\data.ms

(17) acetone (p)

5.990min (+0.010) 14.81ug/kg m

response 358

Ion	Exp%	Act%
58.00	100	100
43.00	21.80	47700.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150210\
 Data File : U26153.D
 Acq On : 10 Feb 2015 4:15 pm
 Operator : GaryK
 Sample : mc36775-4ms
 Misc : ms33843,msu1100,,,,5,5
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Feb 11 08:28:22 2015
 Quant Method : D:\msdchem\1\methods\U150115w.m
 Quant Title : SW-846 Method 8260
 QLast Update : Fri Jan 16 15:13:47 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	6.674	65	83223	500.00	ppb	-0.01
4) pentafluorobenzene	8.959	168	272268	50.00	ppb	0.00
43) 1,4-difluorobenzene	9.827	114	420239	50.00	ppb	0.00
66) chlorobenzene-d5	13.080	82	182405	50.00	ppb	# 0.00
80) 1,4-dichlorobenzene-d4	15.644	152	211240	50.00	ppb	0.00
System Monitoring Compounds						
40) dibromofluoromethane (s)	8.601	113	146408	49.39	ppb	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.78%		
60) toluene-d8 (s)	11.622	98	445220	53.03	ppb	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	106.06%		
82) bromofluorobenzene (s)	14.309	95	157288	51.44	ppb	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	102.88%		
Target Compounds						
						Qvalue
2) tertiary butyl alcohol	6.756	59	110255m	507.65	ppb	
3) Ethanol	5.675	45	51037	3676.11	ppb	86
5) dichlorodifluoromethane	4.331	85	197223	38.75	ppb	99
6) chloromethane	4.566	50	260707	59.58	ppb	99
7) vinyl chloride	4.816	62	224257	58.63	ppb	100
8) bromomethane	5.291	96	140675	51.49	ppb	100
9) chloroethane	5.418	64	103848	77.85	ppb	93
10) ethyl ether	6.290	59	111031	65.32	ppb	99
11) acetone	6.110	41	11454m	47.03	ppb	
12) trichlorofluoromethane	6.090	101	308853	60.03	ppb	95
13) freon-113	6.840	101	197768	57.86	ppb	89
15) 1,1-dichloroethene	6.639	96	158896	56.83	ppb	85
16) acetone	6.184	58	5800m	35.64	ppb	
17) Methyl Acetate	6.858	43	130817	39.68	ppb	# 67
18) methylene chloride	6.780	84	175515	65.52	ppb	# 79
19) methyl tert butyl ether	7.560	73	395404	61.19	ppb	96
20) acrylonitrile	6.731	53	47692	49.75	ppb	97
21) allyl chloride	6.865	41	213545	53.71	ppb	83
22) trans-1,2-dichloroethene	7.453	96	144180	56.71	ppb	# 79
23) iodomethane	6.695	142	335469	54.98	ppb	97
24) carbon disulfide	7.073	76	516103	55.39	ppb	99
25) propionitrile	8.064	54	9864	50.44	ppb	100
26) vinyl acetate	7.820	43	261974	92.66	ppb	94
27) chloroprene	8.068	53	194393	58.03	ppb	87
28) di-isopropyl ether	8.111	45	454237	67.24	ppb	96
29) methacrylonitrile	8.239	41	91763	57.47	ppb	90
30) 2-butanone	8.161	72	16614	47.85	ppb	# 1
31) Ethyl Acetate	8.109	43	381312	59.42	ug/L	# 53
32) Hexane	8.089	41	201039	58.39	ppb	90
33) 1,1-dichloroethane	7.707	63	242317	62.98	ppb	96
34) tert-butyl ethyl ether	8.508	59	450009	63.69	ppb	89
35) isobutyl alcohol	8.527	43	84862	330.45	ppb	# 57
36) 2,2-dichloropropane	8.566	77	163389	55.57	ppb	90
37) cis-1,2-dichloroethene	8.276	96	165611	58.90	ppb	84

Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150210\
 Data File : U26153.D
 Acq On : 10 Feb 2015 4:15 pm
 Operator : GaryK
 Sample : mc36775-4ms
 Misc : ms33843,msu1100,,,,5,5
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Feb 11 08:28:22 2015
 Quant Method : D:\msdchem\1\methods\U150115w.m
 Quant Title : SW-846 Method 8260
 QLast Update : Fri Jan 16 15:13:47 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) bromochloromethane	8.446	128	95005	56.43	ppb	# 60
39) chloroform	8.479	83	266171	62.09	ppb	99
41) Tetrahydrofuran	8.843	42	41196	46.08	ppb	91
42) 1,1,1-trichloroethane	9.233	97	247064	58.37	ppb	95
44) Cyclohexane	9.520	56	274577	63.83	ppb	# 83
45) carbon tetrachloride	9.594	117	225874	53.23	ppb	96
46) 1,1-dichloropropene	9.401	75	166058	53.94	ppb	89
47) benzene	9.625	78	511230	62.62	ppb	98
48) 1,2-dichloroethane	9.141	62	214164	63.22	ppb	96
49) tert-amyl methyl ether	9.751	73	403777	61.25	ppb	95
50) heptane	10.105	43	177155	66.90	ppb	# 28
51) trichloroethene	10.245	95	171975	62.45	ppb	78
52) 1,2-dichloropropane	10.213	63	131213	64.33	ppb	96
53) dibromomethane	10.191	93	94971	57.04	ppb	89
54) bromodichloromethane	10.301	83	199209	58.89	ppb	97
55) Methylcyclohexane	10.765	83	251167	62.47	ppb	# 84
56) 2-chloroethyl vinyl ether	10.915	63	967	5.19	ppb	49
57) methyl methacrylate	10.410	69	70893	54.19	ppb	80
59) cis-1,3-dichloropropene	10.921	75	200303	62.65	ppb	87
61) 4-methyl-2-pentanone	11.027	43	128676	50.02	ppb	97
62) toluene	11.694	92	299178	59.97	ppb	96
63) trans-1,3-dichloropropene	11.342	75	162723	64.56	ppb	96
64) 1,1,2-trichloroethane	11.514	83	94553	62.62	ppb	96
65) ethyl methacrylate	11.725	69	136905	59.26	ppb	93
67) tetrachloroethene	12.437	166	142591	49.80	ppb	97
68) 1,3-dichloropropane	11.749	76	181861	59.69	ppb	95
69) dibromochloromethane	12.038	129	163769	50.75	ppb	94
70) 1,2-dibromoethane	12.291	107	129304	54.45	ppb	98
71) 2-hexanone	11.901	43	75136	50.24	ppb	95
72) chlorobenzene	13.117	112	354083	50.46	ppb	89
73) 1,1,1,2-tetrachloroethane	13.036	131	168266	50.66	ppb	96
74) ethylbenzene	13.292	91	573334	54.01	ppb	95
75) m,p-xylene	13.476	106	454749	104.29	ppb	90
76) o-xylene	13.889	106	245545	51.35	ppb	91
77) styrene	13.817	104	364418	52.96	ppb	95
78) bromoform	13.644	173	95074	46.91	ppb	99
79) trans-1,4-dichloro-2-b...	14.045	53	30185	42.47	ppb	# 39
81) isopropylbenzene	14.252	105	656876	56.43	ppb	95
83) bromobenzene	14.540	156	169445	53.88	ppb	# 80
84) 1,1,2,2-tetrachloroethane	13.895	83	134328	53.15	ppb	99
85) 1,2,3-trichloropropane	14.044	75	154882	56.40	ppb	98
86) n-propylbenzene	14.698	91	688508	56.30	ppb	93
87) 2-chlorotoluene	14.815	91	426277	55.13	ppb	82
88) 4-chlorotoluene	14.891	91	409545	55.58	ppb	86
89) 1,3,5-trimethylbenzene	14.975	105	631642	61.69	ppb	94
90) tert-butylbenzene	15.280	91	326648	53.41	ppb	84
91) 1,2,4-trimethylbenzene	15.383	105	623619	58.61	ppb	97
92) sec-butylbenzene	15.503	105	790357	56.77	ppb	95
93) 1,3-dichlorobenzene	15.605	146	330857	54.38	ppb	99
94) p-isopropyltoluene	15.675	119	740731	58.32	ppb	94

Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26153.D
Acq On : 10 Feb 2015 4:15 pm
Operator : GaryK
Sample : mc36775-4ms
Misc : ms33843,msu1100,,,,5,5
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Feb 11 08:28:22 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration

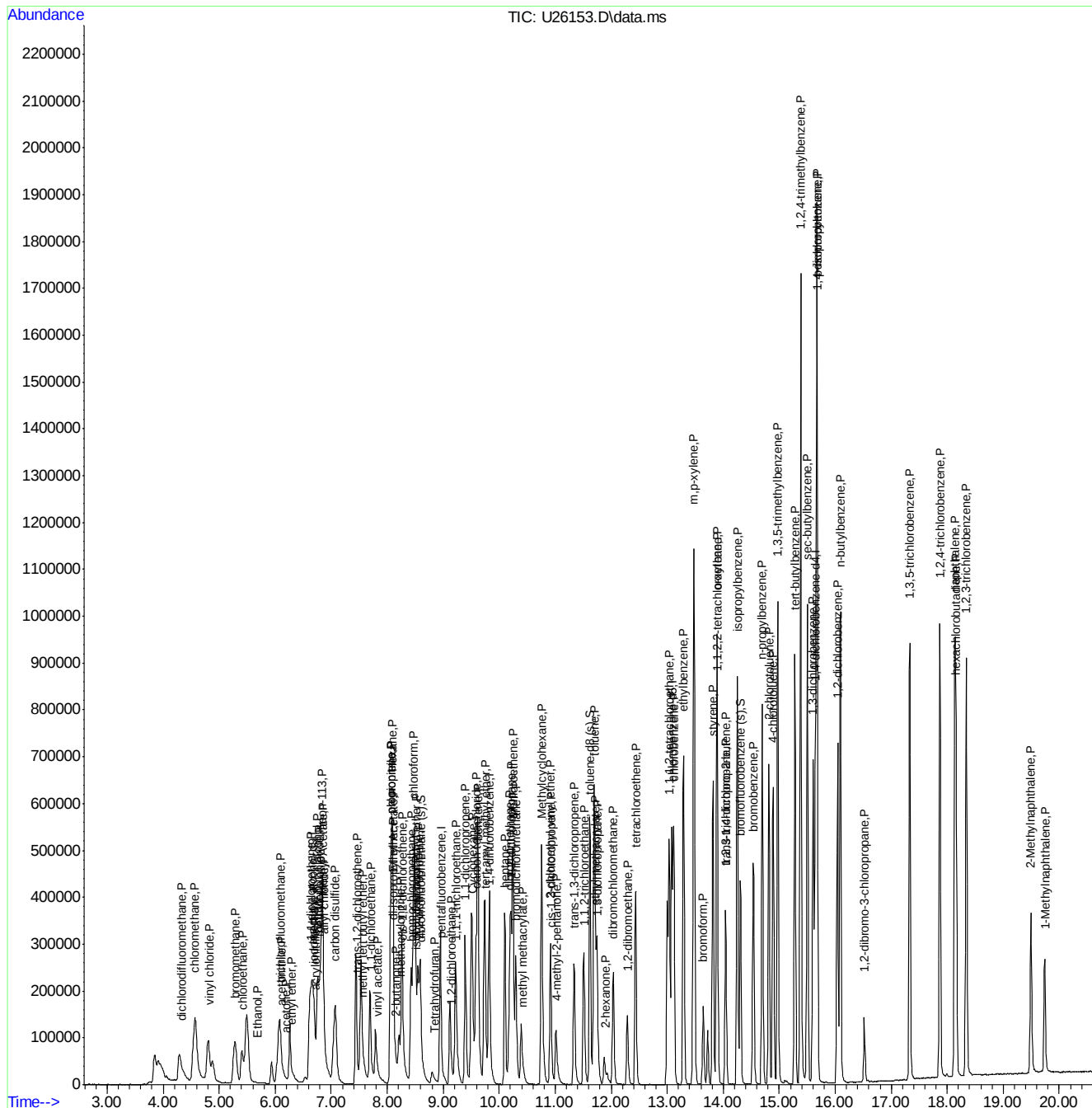
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95)	1,4-dichlorobenzene	15.672	146	342838	54.78	ppb	99
96)	1,2-dichlorobenzene	16.040	146	363227	54.14	ppb	95
97)	n-butylbenzene	16.094	91	631061	60.10	ppb	89
98)	1,2-dibromo-3-chloropr...	16.521	75	36334	51.54	ppb	82
99)	1,3,5-trichlorobenzene	17.332	180	325879	51.81	ug/L	94
100)	1,2,4-trichlorobenzene	17.871	180	335144	54.40	ppb	92
101)	hexachlorobutadiene	18.159	225	131011	53.03	ppb	97
102)	naphthalene	18.136	128	794935	46.73	ppb	100
103)	2-Methylnaphthalene	19.500	142	225017	21.99	ug/L	97
104)	1-Methylnaphthalene	19.745	142	163704	20.97	ug/L	97
105)	1,2,3-trichlorobenzene	18.342	180	324027	51.73	ppb	96

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

Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26153.D
Acq On : 10 Feb 2015 4:15 pm
Operator : GaryK
Sample : mc36775-4ms
Misc : ms33843,msu1100,,,,5,5
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Feb 11 08:28:22 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150210\
 Data File : U26154.D
 Acq On : 10 Feb 2015 4:42 pm
 Operator : GaryK
 Sample : mc36775-4msd
 Misc : ms33843,msu1100,,,,5,5
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Feb 11 08:32:21 2015
 Quant Method : D:\msdchem\1\methods\U150115w.m
 Quant Title : SW-846 Method 8260
 QLast Update : Fri Jan 16 15:13:47 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	6.740	65	89163	500.00	ppb	0.05
4) pentafluorobenzene	8.958	168	223678	50.00	ppb	0.00
43) 1,4-difluorobenzene	9.827	114	348941	50.00	ppb	0.00
66) chlorobenzene-d5	13.080	82	155506	50.00	ppb	# 0.00
80) 1,4-dichlorobenzene-d4	15.645	152	195515	50.00	ppb	0.00
System Monitoring Compounds						
40) dibromofluoromethane (s)	8.600	113	135447	55.62	ppb	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	111.24%		
60) toluene-d8 (s)	11.622	98	386153	55.39	ppb	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	110.78%		
82) bromofluorobenzene (s)	14.310	95	136816	48.35	ppb	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.70%		
Target Compounds						
						Qvalue
2) tertiary butyl alcohol	6.810	59	131015m	562.00	ppb	
3) Ethanol	5.741	45	72181	4852.71	ppb	97
5) dichlorodifluoromethane	4.313	85	196685	47.03	ppb	96
6) chloromethane	4.549	50	250430	69.67	ppb	99
7) vinyl chloride	4.795	62	224237	71.36	ppb	99
8) bromomethane	5.272	96	142443	63.46	ppb	99
9) chloroethane	5.398	64	86140m	78.60	ppb	
10) ethyl ether	6.265	59	74555m	53.39	ppb	
11) acetonitrile	6.104	41	11159m	56.49	ppb	
12) trichlorofluoromethane	6.071	101	280960	66.47	ppb	97
13) freon-113	6.822	101	176787	62.96	ppb	92
15) 1,1-dichloroethene	6.620	96	126465	55.05	ppb	85
16) acetone	6.184	58	5662m	42.36	ppb	
17) Methyl Acetate	6.875	43	138521	51.15	ppb	# 57
18) methylene chloride	6.756	84	120077m	54.56	ppb	
19) methyl tert butyl ether	7.565	73	401892	75.71	ppb	96
20) acrylonitrile	6.771	53	57417	72.91	ppb	98
21) allyl chloride	6.865	41	199834	61.18	ppb	83
22) trans-1,2-dichloroethene	7.453	96	134797	64.54	ppb	# 80
23) iodomethane	6.679	142	287450	57.35	ppb	96
24) carbon disulfide	7.044	76	398281	52.03	ppb	98
25) propionitrile	8.061	54	9696	60.35	ppb	100
26) vinyl acetate	7.821	43	217507	93.65	ppb	94
27) chloroprene	8.066	53	168928	61.38	ppb	87
28) di-isopropyl ether	8.112	45	410033	73.88	ppb	93
29) methacrylonitrile	8.246	41	81795	62.35	ppb	85
30) 2-butanone	8.183	72	17804	62.60	ppb	# 1
31) Ethyl Acetate	8.110	43	330061	62.61	ug/L	# 58
32) Hexane	8.089	41	168292	59.49	ppb	84
33) 1,1-dichloroethane	7.704	63	218914	69.26	ppb	93
34) tert-butyl ethyl ether	8.510	59	421050	72.54	ppb	88
35) isobutyl alcohol	8.488	43	152072	720.80	ppb	85
36) 2,2-dichloropropane	8.562	77	175444	72.64	ppb	88
37) cis-1,2-dichloroethene	8.275	96	153537	66.47	ppb	# 83

Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150210\
 Data File : U26154.D
 Acq On : 10 Feb 2015 4:42 pm
 Operator : GaryK
 Sample : mc36775-4msd
 Misc : ms33843,msu1100,,,,,5,5
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Feb 11 08:32:21 2015
 Quant Method : D:\msdchem\1\methods\U150115w.m
 Quant Title : SW-846 Method 8260
 QLast Update : Fri Jan 16 15:13:47 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) bromochloromethane	8.445	128	89005	64.36	ppb	# 59
39) chloroform	8.479	83	244074	69.30	ppb	99
41) Tetrahydrofuran	8.862	42	47695	64.94	ppb	85
42) 1,1,1-trichloroethane	9.228	97	222670	64.03	ppb	97
44) Cyclohexane	9.513	56	238920	66.89	ppb	# 84
45) carbon tetrachloride	9.589	117	199729	56.68	ppb	94
46) 1,1-dichloropropene	9.399	75	136996	53.59	ppb	89
47) benzene	9.624	78	435632	64.26	ppb	98
48) 1,2-dichloroethane	9.129	62	158479m	56.34	ppb	
49) tert-amyl methyl ether	9.752	73	387985	70.88	ppb	95
50) heptane	10.104	43	142039	64.60	ppb	# 30
51) trichloroethene	10.244	95	156165	68.29	ppb	78
52) 1,2-dichloropropane	10.214	63	111131	65.62	ppb	97
53) dibromomethane	10.200	93	90034	65.13	ppb	87
54) bromodichloromethane	10.302	83	166171	59.16	ppb	95
55) Methylcyclohexane	10.762	83	220014	65.90	ppb	# 84
56) 2-chloroethyl vinyl ether	10.920	63	795	5.16	ppb	49
57) methyl methacrylate	10.416	69	65402	60.21	ppb	89
59) cis-1,3-dichloropropene	10.922	75	158382	59.66	ppb	86
61) 4-methyl-2-pentanone	11.034	43	145110	67.94	ppb	97
62) toluene	11.695	92	246296	59.46	ppb	94
63) trans-1,3-dichloropropene	11.344	75	126214	60.31	ppb	95
64) 1,1,2-trichloroethane	11.516	83	80513	64.22	ppb	96
65) ethyl methacrylate	11.728	69	128589	67.03	ppb	97
67) tetrachloroethene	12.436	166	115747	47.42	ppb	98
68) 1,3-dichloropropane	11.750	76	146941	56.57	ppb	96
69) dibromochloromethane	12.039	129	136030	49.45	ppb	99
70) 1,2-dibromoethane	12.293	107	108927	53.81	ppb	98
71) 2-hexanone	11.906	43	85388	66.97	ppb	96
72) chlorobenzene	13.117	112	289754	48.43	ppb	90
73) 1,1,1,2-tetrachloroethane	13.036	131	156714	55.34	ppb	97
74) ethylbenzene	13.293	91	493092	54.48	ppb	95
75) m,p-xylene	13.476	106	395953	106.51	ppb	89
76) o-xylene	13.889	106	225814	55.40	ppb	86
77) styrene	13.818	104	306942	52.33	ppb	94
78) bromoform	13.646	173	86866	50.28	ppb	99
79) trans-1,4-dichloro-2-b...	14.047	53	30193	49.83	ppb	# 27
81) isopropylbenzene	14.253	105	601324	55.81	ppb	95
83) bromobenzene	14.541	156	146861	50.45	ppb	# 80
84) 1,1,2,2-tetrachloroethane	13.897	83	132639	56.70	ppb	97
85) 1,2,3-trichloropropane	14.046	75	159686	62.83	ppb	96
86) n-propylbenzene	14.698	91	630087	55.67	ppb	92
87) 2-chlorotoluene	14.816	91	396327	55.38	ppb	83
88) 4-chlorotoluene	14.893	91	359291	52.68	ppb	87
89) 1,3,5-trimethylbenzene	14.975	105	595915	62.88	ppb	94
90) tert-butylbenzene	15.280	91	293374	51.83	ppb	83
91) 1,2,4-trimethylbenzene	15.384	105	591031	60.02	ppb	97
92) sec-butylbenzene	15.503	105	735958	57.11	ppb	95
93) 1,3-dichlorobenzene	15.606	146	300596	53.38	ppb	99
94) p-isopropyltoluene	15.676	119	698832	59.45	ppb	95

Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26154.D
Acq On : 10 Feb 2015 4:42 pm
Operator : GaryK
Sample : mc36775-4msd
Misc : ms33843,msu1100,,,,,5,5
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Feb 11 08:32:21 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration

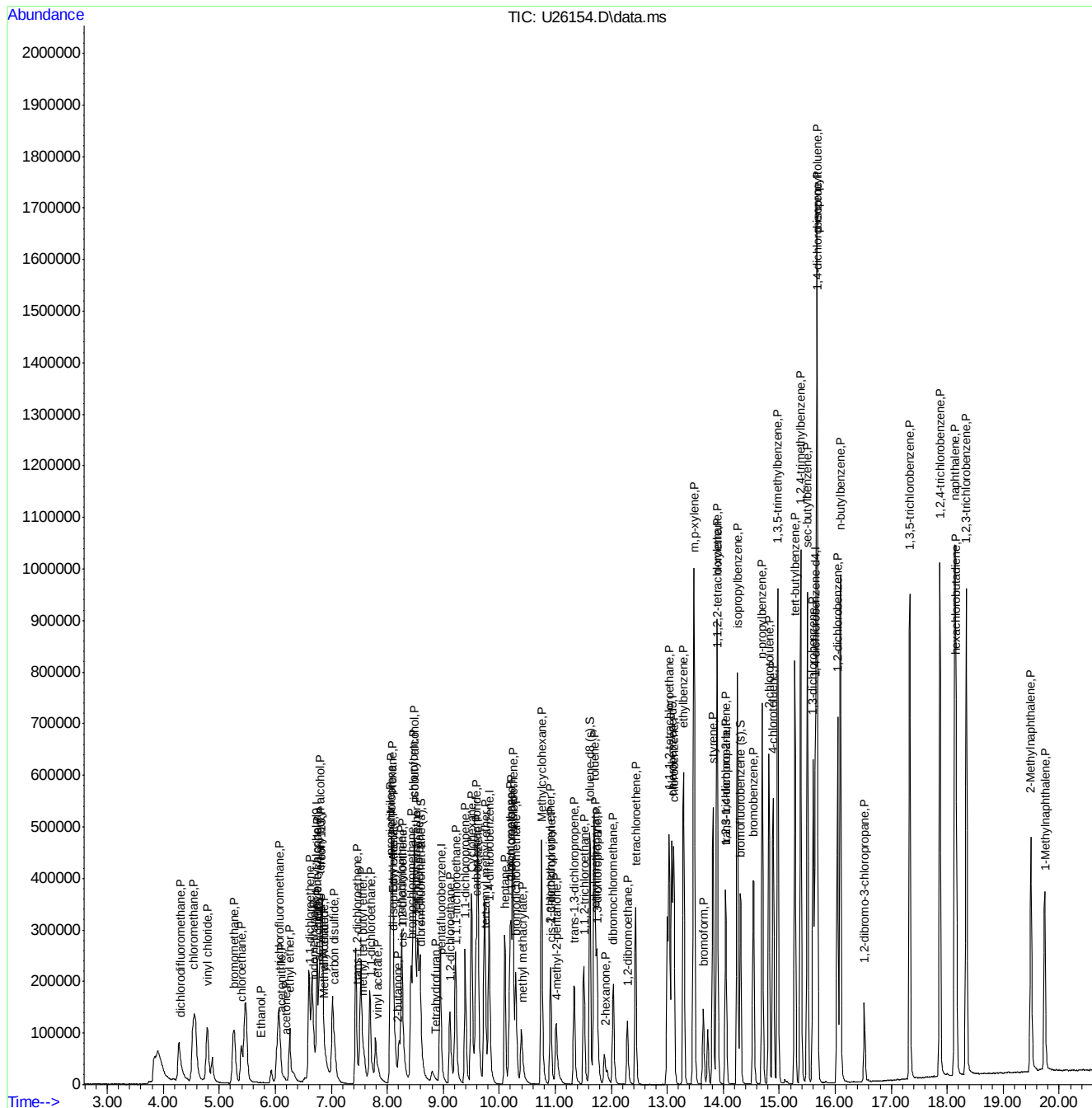
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95)	1,4-dichlorobenzene	15.673	146	310812	53.66	ppb	99
96)	1,2-dichlorobenzene	16.041	146	356618	57.43	ppb	98
97)	n-butylbenzene	16.095	91	614046	63.18	ppb	90
98)	1,2-dibromo-3-chloropr...	16.523	75	40927	62.72	ppb #	72
99)	1,3,5-trichlorobenzene	17.333	180	327698	56.29	ug/L	96
100)	1,2,4-trichlorobenzene	17.872	180	346960	60.85	ppb	94
101)	hexachlorobutadiene	18.159	225	123091	53.83	ppb	94
102)	naphthalene	18.136	128	917114	58.25	ppb	100
103)	2-Methylnaphthalene	19.500	142	304617	32.17	ug/L	96
104)	1-Methylnaphthalene	19.745	142	236822	32.78	ug/L	97
105)	1,2,3-trichlorobenzene	18.343	180	347142	59.88	ppb	96

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

Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26154.D
Acq On : 10 Feb 2015 4:42 pm
Operator : GaryK
Sample : mc36775-4msd
Misc : ms33843,msu1100,,,5,5
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Feb 11 08:32:21 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



U150115w.m Wed Feb 11 08:32:57 2015

Page: 4

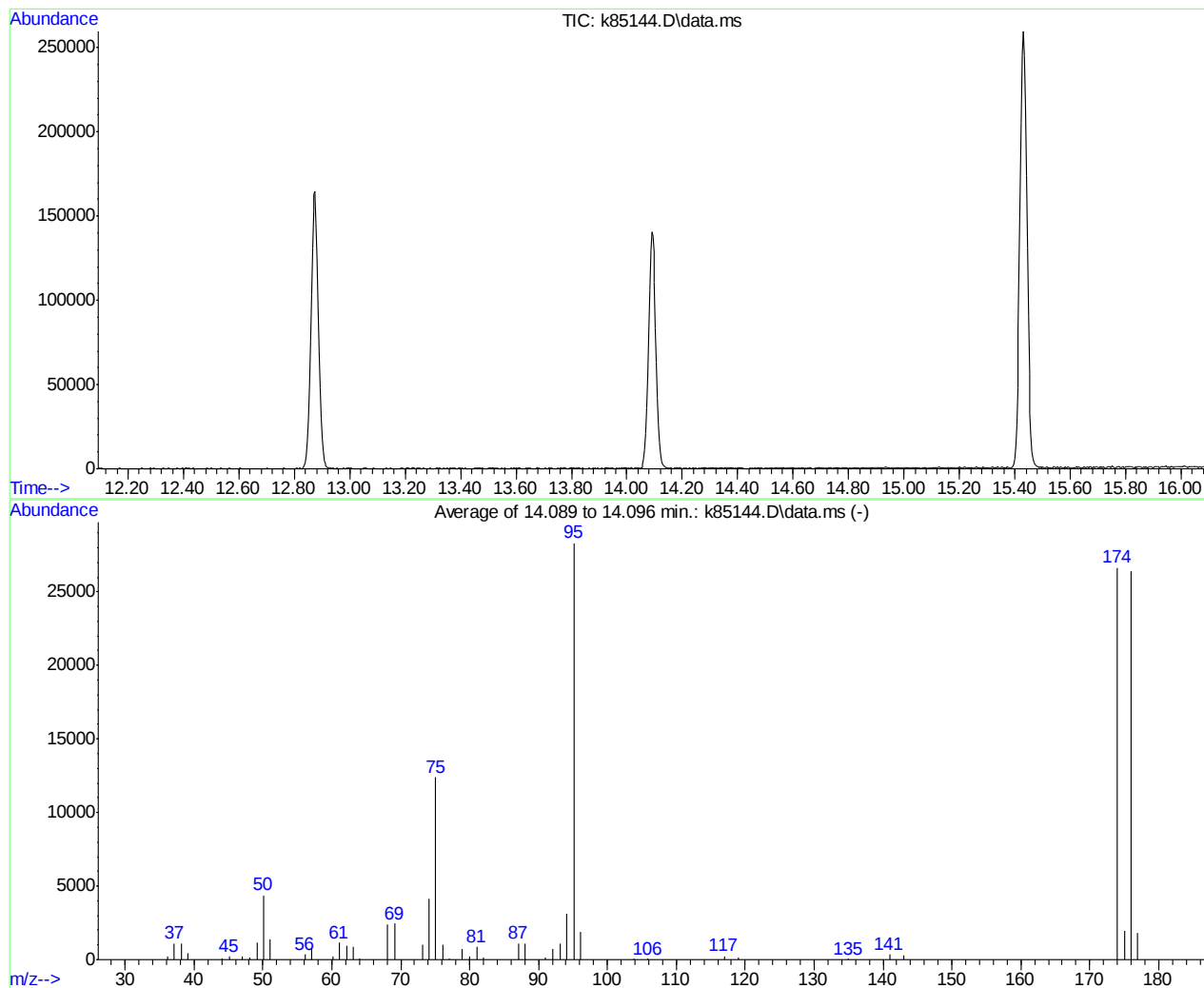
7.4.4



SW-846 Method 8260

Data File : C:\msdchem\1\data\150203\k85144.D Vial: 3
Acq On : 3 Feb 2015 9:59 am Operator: jaimem
Sample : bfb Inst : MSK
Misc : ms33796,msk2666,10,,100,10,1 Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\msdchem\1\methods\K150203S.M (RTE Integrator)
Title : SW-846 Method 8260



Spectrum Information: Average of 14.089 to 14.096 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	15.4	4364	PASS
75	95	30	60	43.8	12395	PASS
95	95	100	100	100.0	28320	PASS
96	95	5	9	6.7	1891	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	150	94.0	26629	PASS
175	174	5	9	7.3	1957	PASS
176	174	95	101	99.1	26397	PASS
177	176	5	9	6.8	1796	PASS

k85144.D K150203S.M Tue Feb 03 15:10:19 2015

Average of 14.089 to 14.096 min.: k85144.D\data.ms

bfb

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.10	200	56.10	341	75.10	12395	93.10	1110
37.15	1119	57.10	787	76.10	1017	94.10	3133
38.10	1086	60.10	211	77.10	60	95.10	28320
39.15	411	61.05	1160	78.95	733	96.10	1891
44.00	41	62.15	977	80.05	210	103.80	53
45.10	194	63.10	903	81.00	854	105.90	57
47.00	243	64.10	81	82.05	122	116.95	220
48.10	166	68.10	2401	87.05	1092	119.00	116
49.15	1130	69.10	2435	88.05	1056	135.00	55
50.10	4364	73.10	998	91.00	115	140.95	341
51.10	1357	74.10	4105	92.10	712	142.95	303

Average of 14.089 to 14.096 min.: k85144.D\data.ms

bfb

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
174.00	26629						
175.00	1957						
176.00	26397						
177.00	1796						

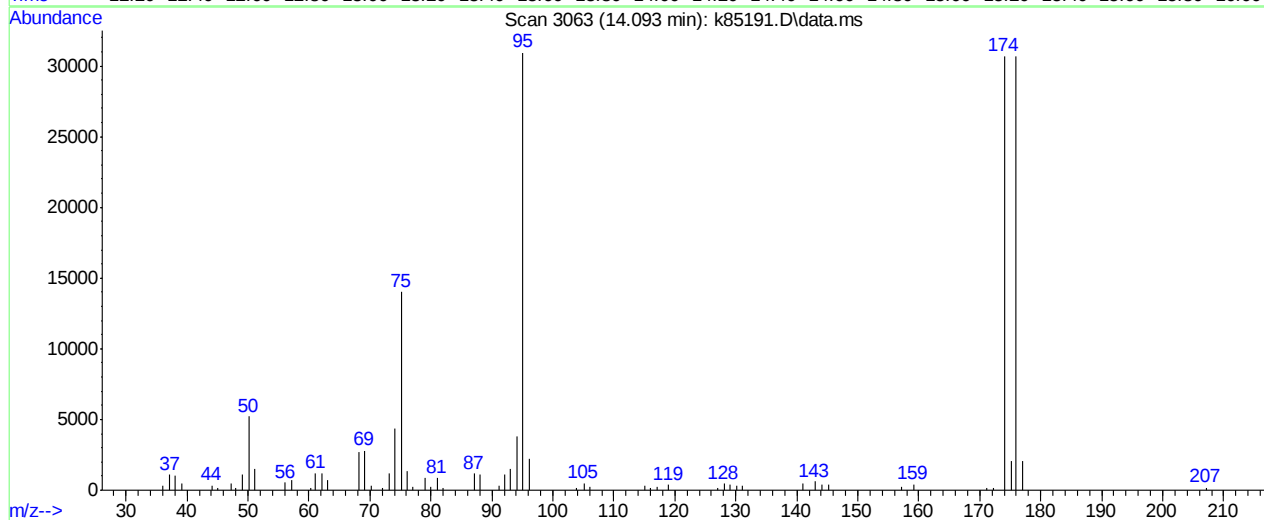
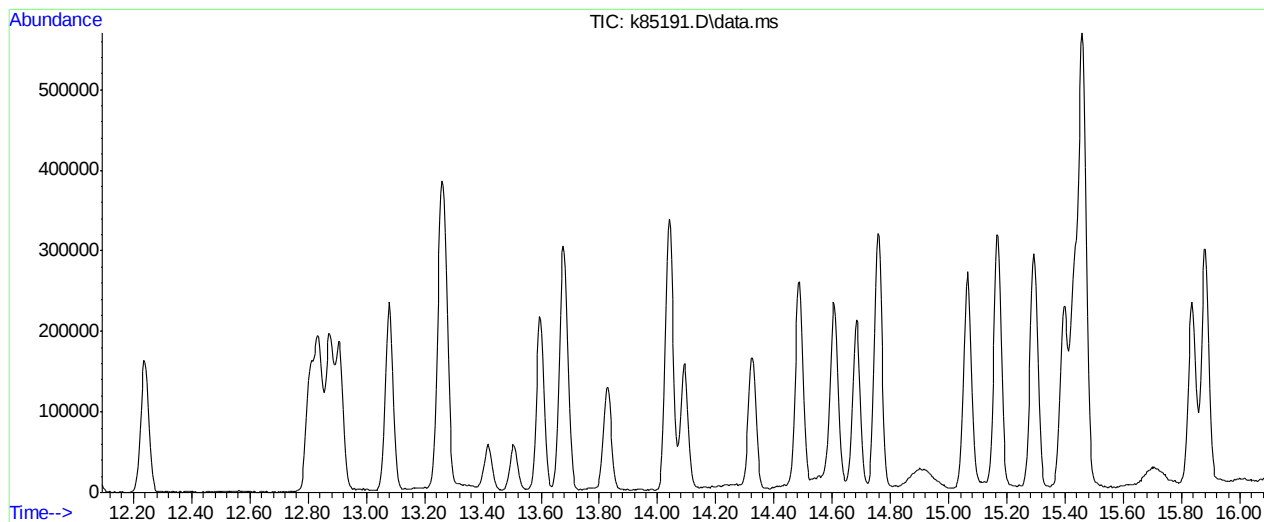
7.5.1

7

SW-846 Method 8260

Data File : C:\msdchem\1\data\150204\k85191.D Vial: 4
Acq On : 4 Feb 2015 9:25 am Operator: jaimem
Sample : bfb Inst : MSK
Misc : ms33796,msk2667,10,,100,10,1 Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\msdchem\1\methods\K150203S.M (RTE Integrator)
Title : SW-846 Method 8260



Spectrum Information: Scan 3063

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	16.8	5203	PASS
75	95	30	60	45.3	14007	PASS
95	95	100	100	100.0	30952	PASS
96	95	5	9	7.2	2225	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	150	99.1	30680	PASS
175	174	5	9	6.7	2047	PASS
176	174	95	101	99.9	30640	PASS
177	176	5	9	6.7	2043	PASS

Scan 3063 (14.093 min): k85191.D\data.ms
bfb

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.10	326	56.10	519	74.10	4364	92.00	1096
37.20	1108	57.10	728	75.10	14007	93.00	1515
38.10	1048	60.20	190	76.10	1321	94.10	3813
39.20	511	61.10	1191	77.10	253	95.10	30952
44.10	336	62.10	1162	79.00	882	96.10	2225
45.00	159	63.10	737	80.00	249	103.90	190
47.20	481	68.10	2705	81.00	851	105.10	515
48.00	153	69.10	2780	81.90	151	106.00	224
49.10	1135	70.20	327	87.10	1182	115.00	284
50.10	5203	72.10	175	88.00	1076	115.90	178
51.10	1483	73.10	1212	91.10	327	117.00	254

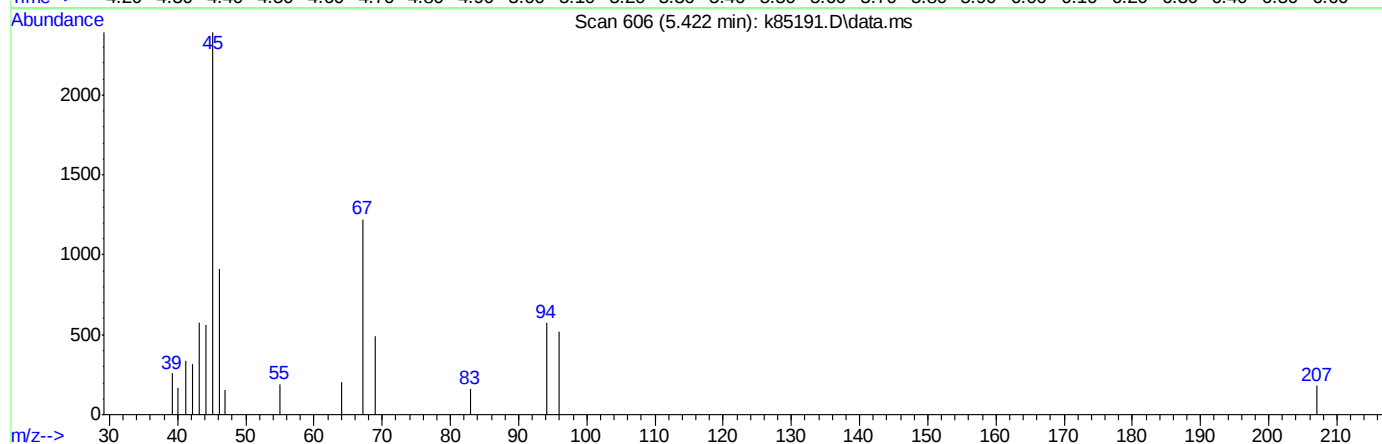
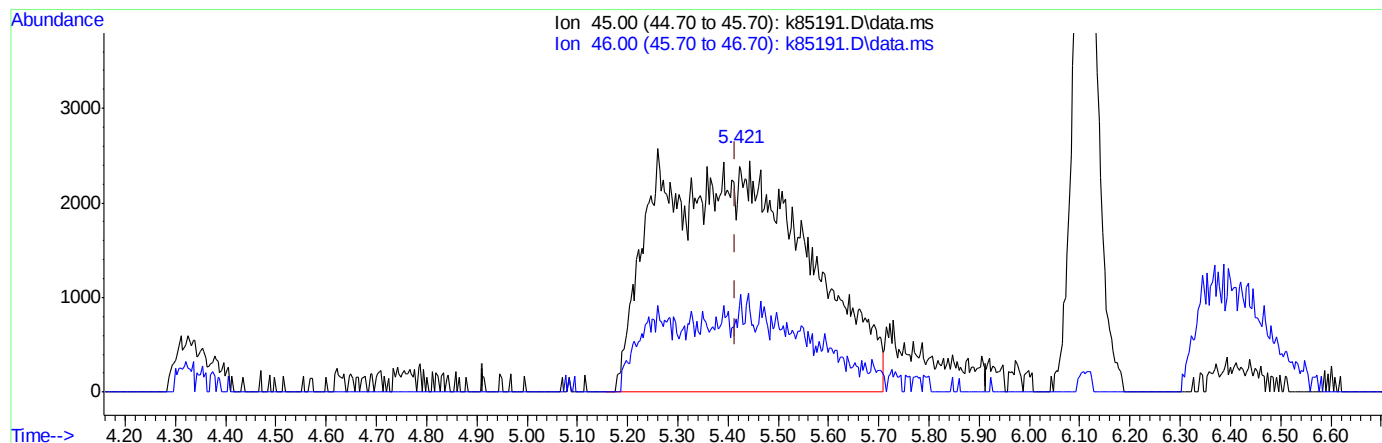
Scan 3063 (14.093 min): k85191.D\data.ms
bfb

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
119.00	379	159.10	431				
127.00	199	171.10	162				
128.10	442	172.30	196				
129.10	434	174.00	30680				
130.10	329	175.10	2047				
131.00	304	176.00	30640				
141.00	516	177.00	2043				
143.00	623	207.10	159				
144.10	423						
145.20	376						
157.20	222						

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150204\
Data File : k85191.D
Acq On : 4 Feb 2015 9:25 am
Operator : jaimem
Sample : bs
Misc : ms33796,msk2667,10,,100,10,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 04 09:49:45 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Feb 04 08:22:20 2015
Response via : Initial Calibration



TIC: k85191.D\data.ms

(3) Ethanol (p)

5.421min (+0.007) 4757.75ug/kg

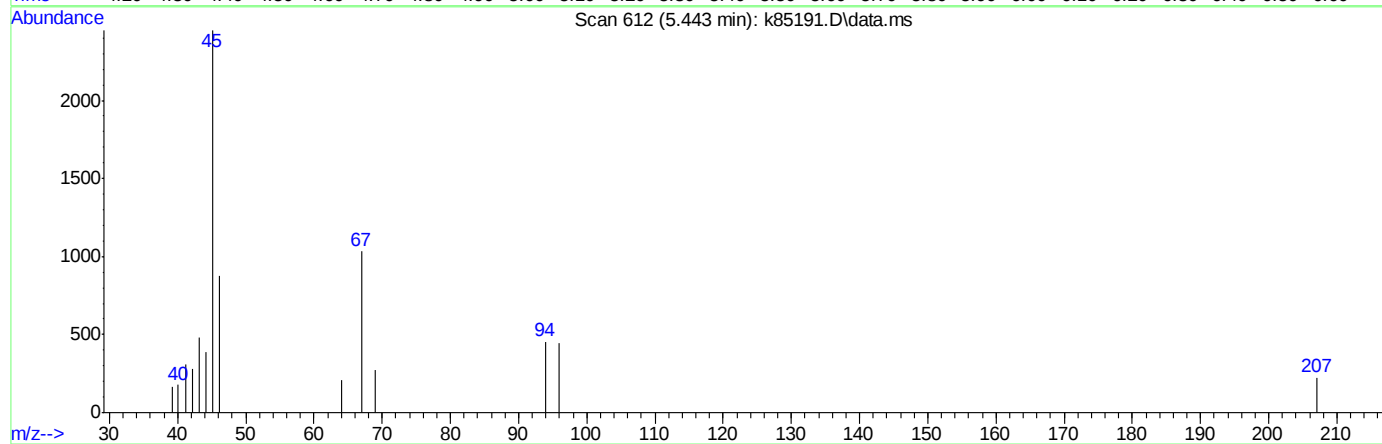
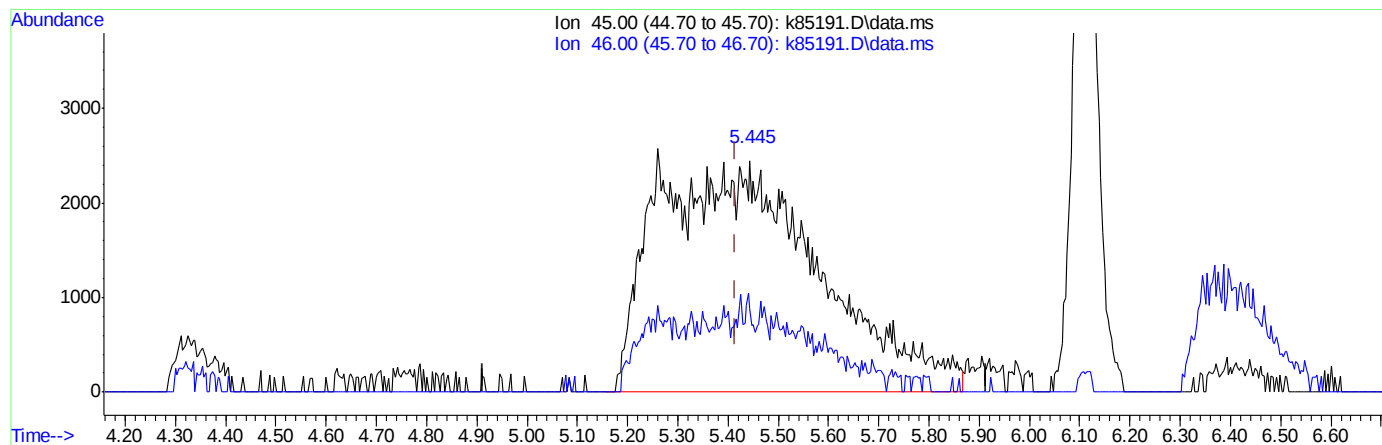
response 50904

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

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150204\
Data File : k85191.D
Acq On : 4 Feb 2015 9:25 am
Operator : jaimem
Sample : bs
Misc : ms33796,msk2667,10,,100,10,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 04 09:49:45 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Feb 04 08:22:20 2015
Response via : Initial Calibration



(3) Ethanol (p)

5.443min (+0.029) 5104.41ug/kg m

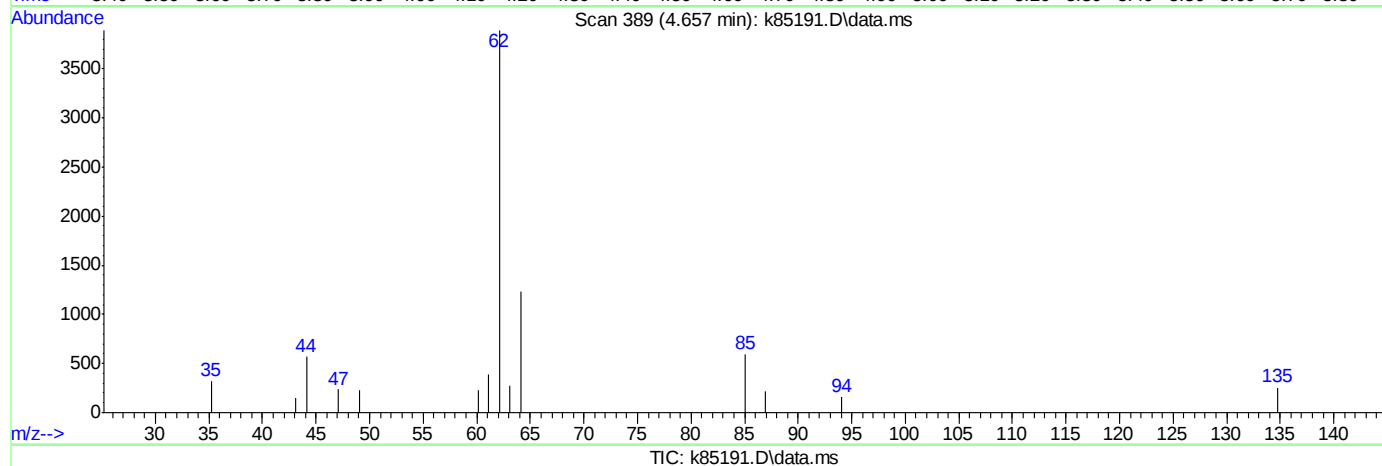
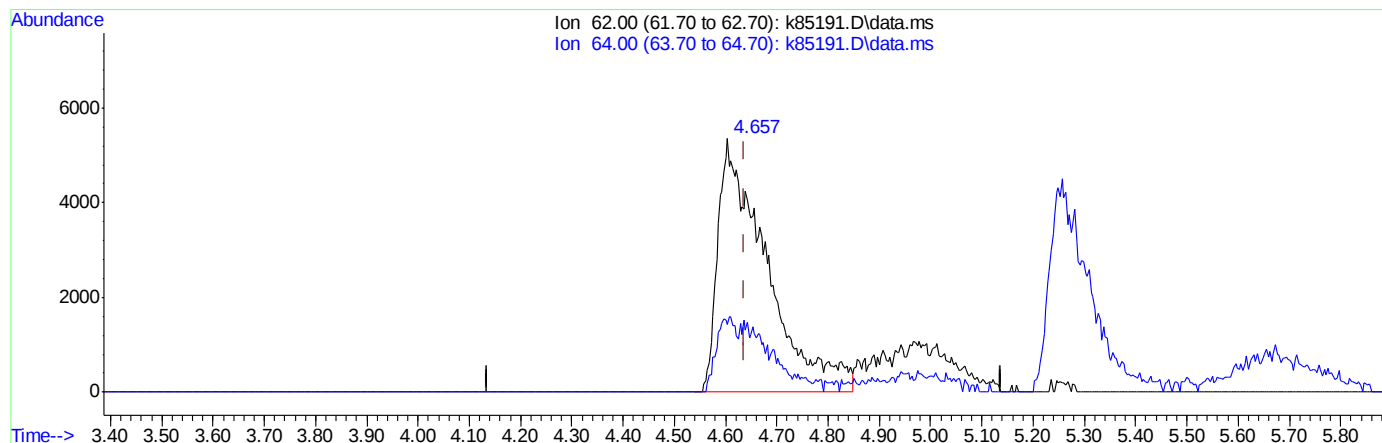
response 54613

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

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150204\
Data File : k85191.D
Acq On : 4 Feb 2015 9:25 am
Operator : jaimem
Sample : bs
Misc : ms33796,msk2667,10,,100,10,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 04 09:49:45 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Feb 04 08:22:20 2015
Response via : Initial Calibration



(7) vinyl chloride (p)

4.657min (+0.020) 64.45ug/kg

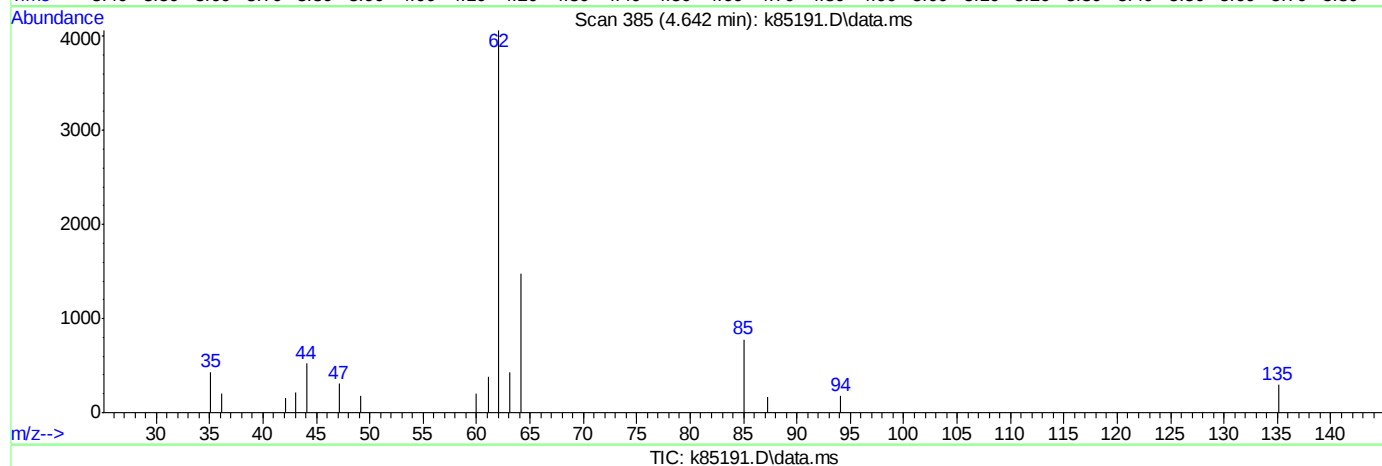
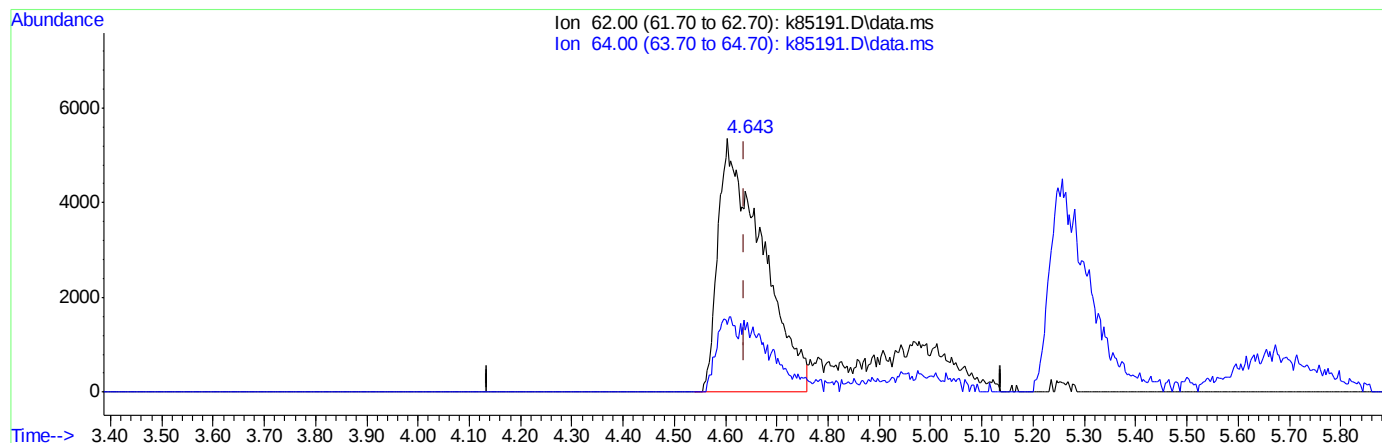
response 35045

Ion	Exp%	Act%
62.00	100	100
64.00	34.10	31.78
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150204\
Data File : k85191.D
Acq On : 4 Feb 2015 9:25 am
Operator : jaimem
Sample : bs
Misc : ms33796,msk2667,10,,100,10,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 04 09:49:45 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Feb 04 08:22:20 2015
Response via : Initial Calibration



(7) vinyl chloride (p)

4.642min (+0.005) 58.85ug/kg m

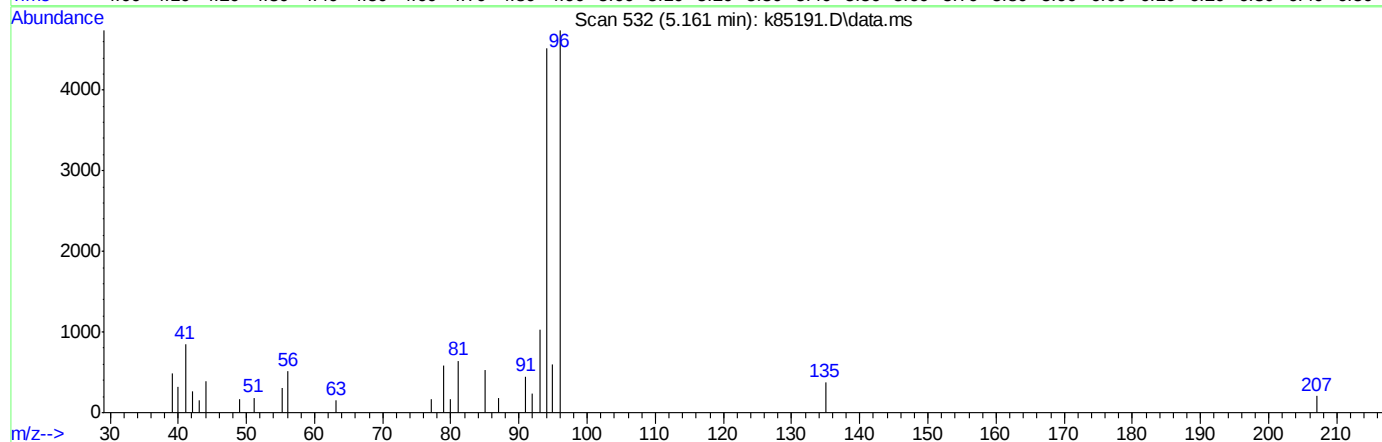
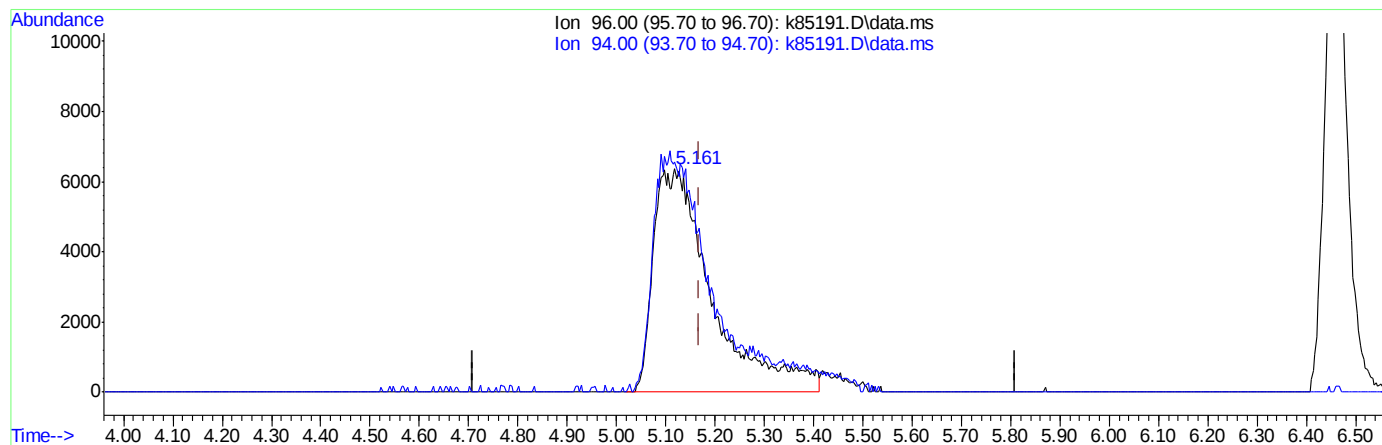
response 32002

Ion	Exp%	Act%
62.00	100	100
64.00	34.10	36.26
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150204\
Data File : k85191.D
Acq On : 4 Feb 2015 9:25 am
Operator : jaimem
Sample : bs
Misc : ms33796,msk2667,10,,100,10,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 04 09:49:45 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Feb 04 08:22:20 2015
Response via : Initial Calibration



TIC: k85191.D\data.ms

(8) bromomethane (p)

5.161min (-0.009) 44.65ug/kg

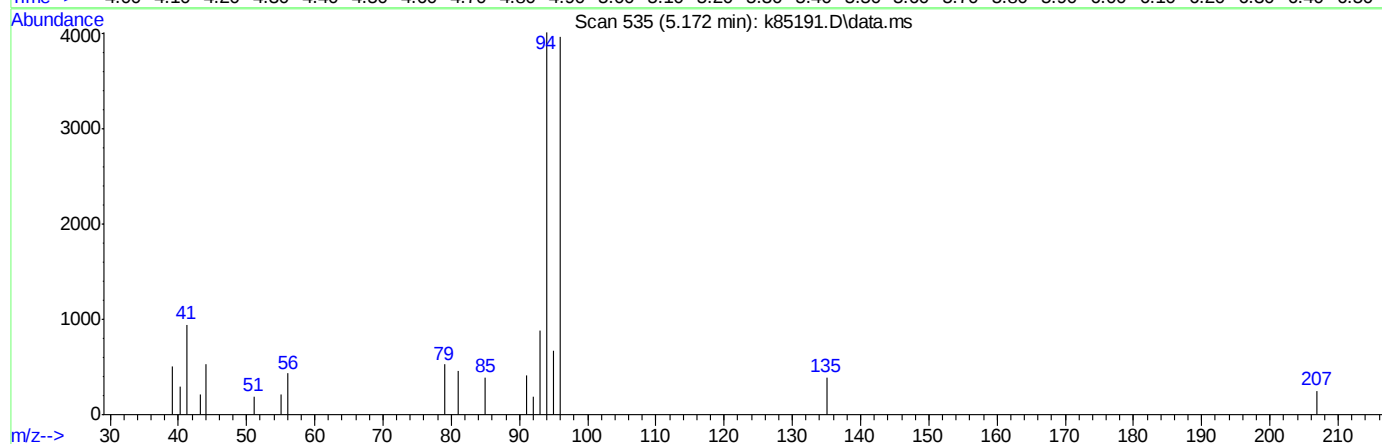
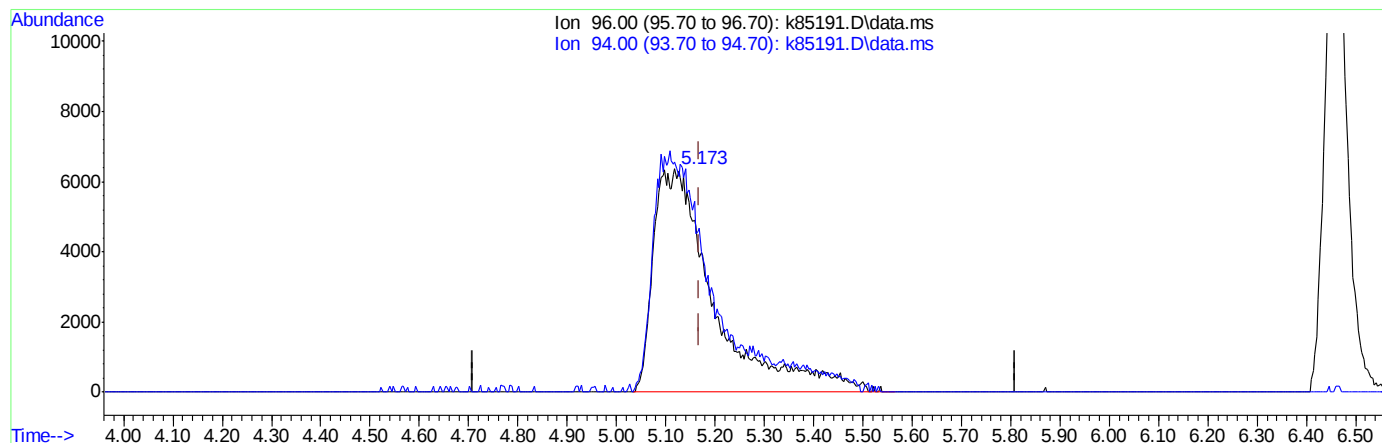
response 52335

Ion	Exp%	Act%
96.00	100	100
94.00	111.40	95.36
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150204\
Data File : k85191.D
Acq On : 4 Feb 2015 9:25 am
Operator : jaimem
Sample : bs
Misc : ms33796,msk2667,10,,100,10,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 04 09:49:45 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Feb 04 08:22:20 2015
Response via : Initial Calibration



TIC: k85191.D\data.ms

(8) bromomethane (p)

5.172min (+0.002) 46.50ug/kg m

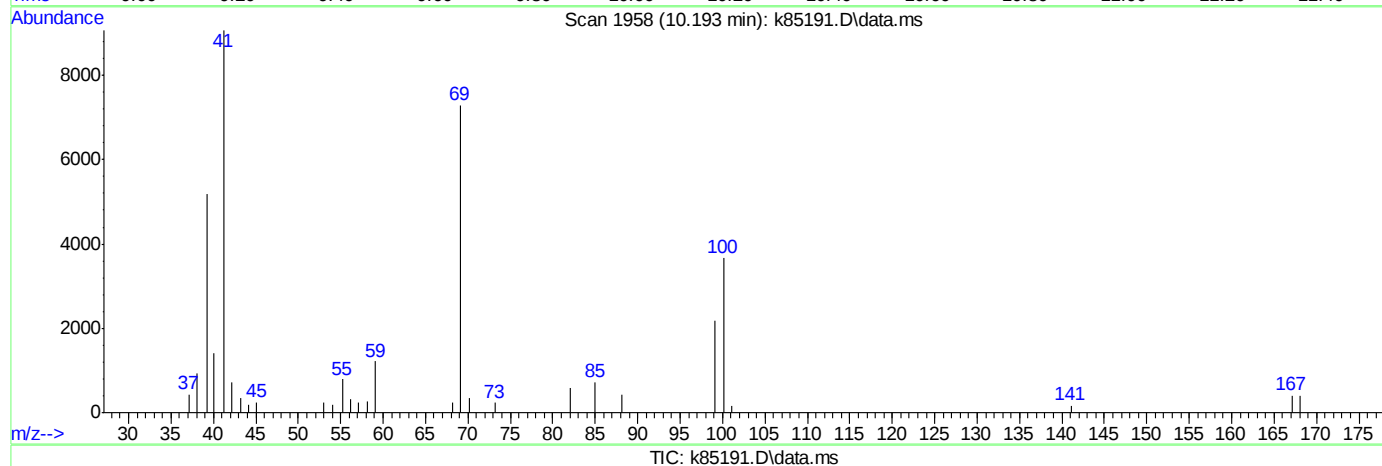
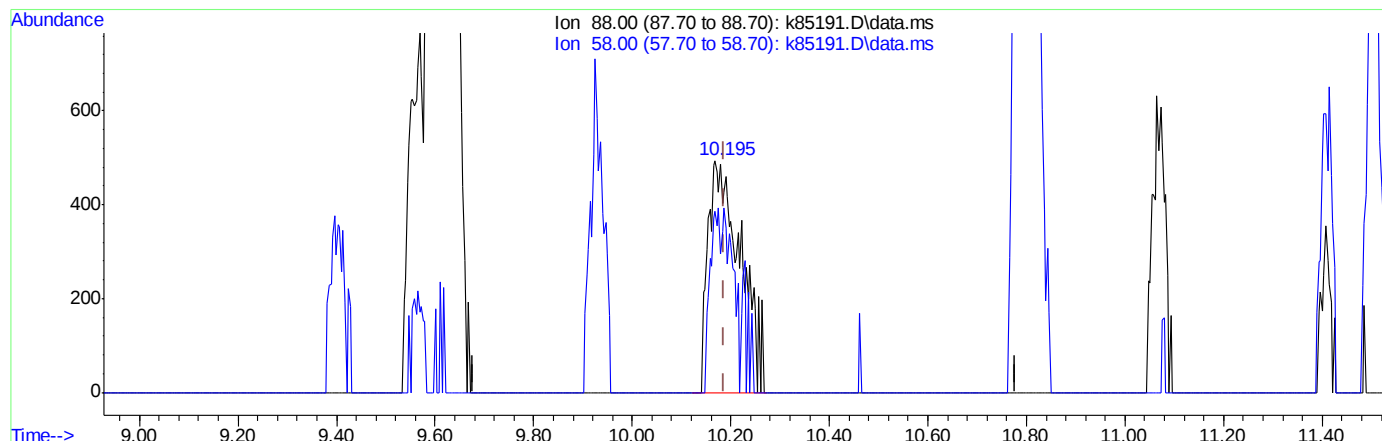
response 54497

Ion	Exp%	Act%
96.00	100	100
94.00	111.40	101.29
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150204\
Data File : k85191.D
Acq On : 4 Feb 2015 9:25 am
Operator : jaimem
Sample : bs
Misc : ms33796,msk2667,10,,100,10,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 04 09:49:45 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Feb 04 08:22:20 2015
Response via : Initial Calibration



(59) 1,4-dioxane (p)

10.195min (+0.007) 220.98ug/kg

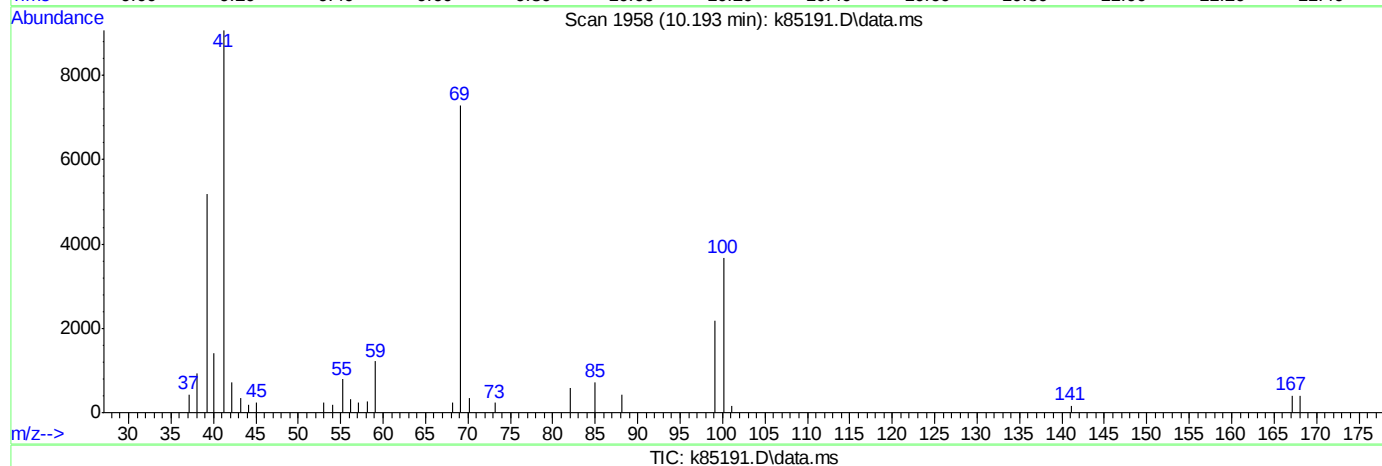
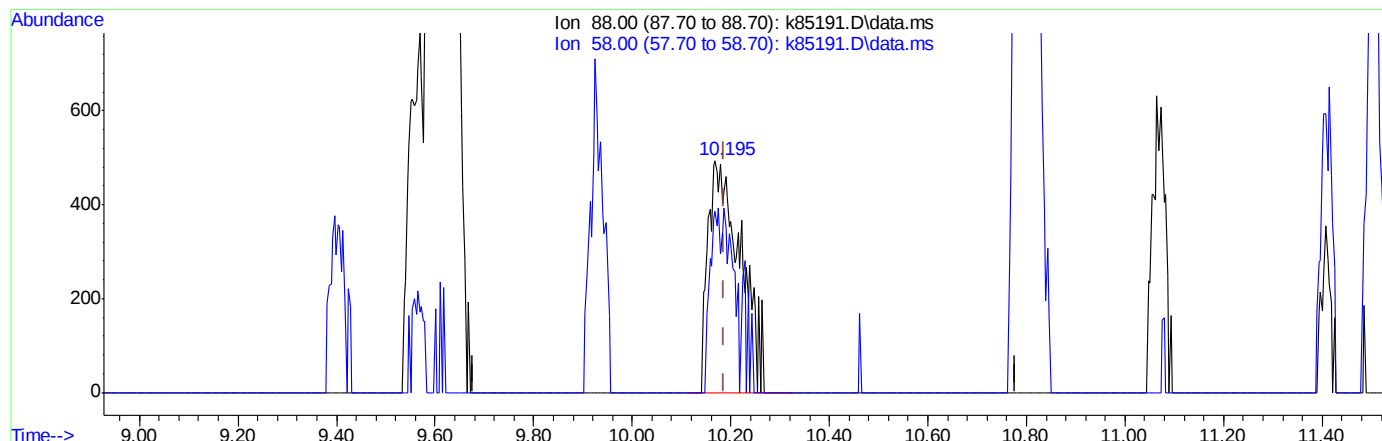
response 2260

Ion	Exp%	Act%
88.00	100	100
58.00	103.80	65.63#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150204\
Data File : k85191.D
Acq On : 4 Feb 2015 9:25 am
Operator : jaimem
Sample : bs
Misc : ms33796,msk2667,10,,100,10,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 04 09:49:45 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Feb 04 08:22:20 2015
Response via : Initial Calibration



(59) 1,4-dioxane (p)

10.193min (+0.005) 220.98ug/kg m

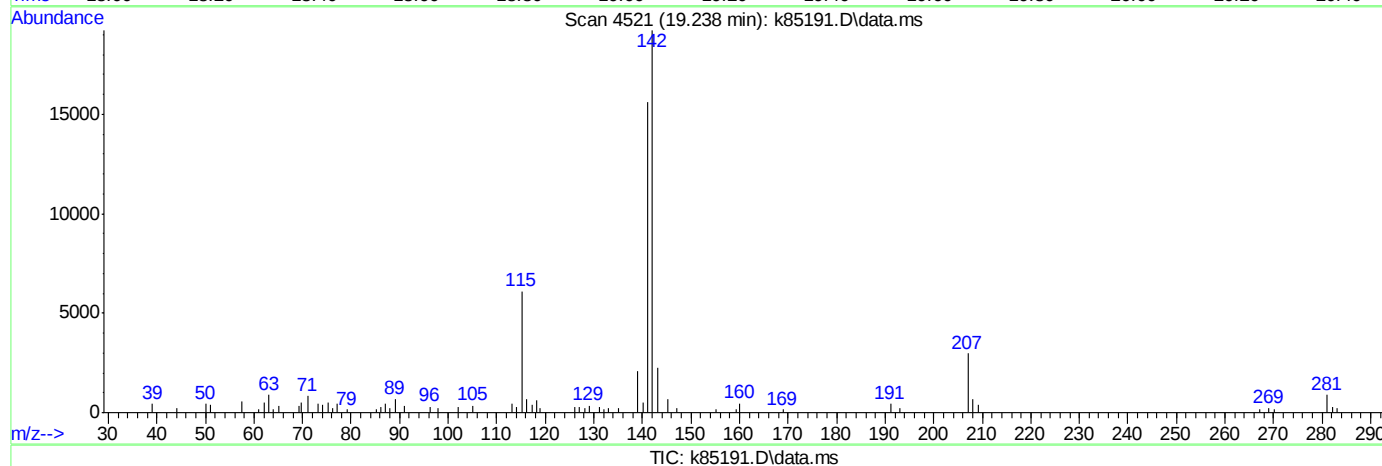
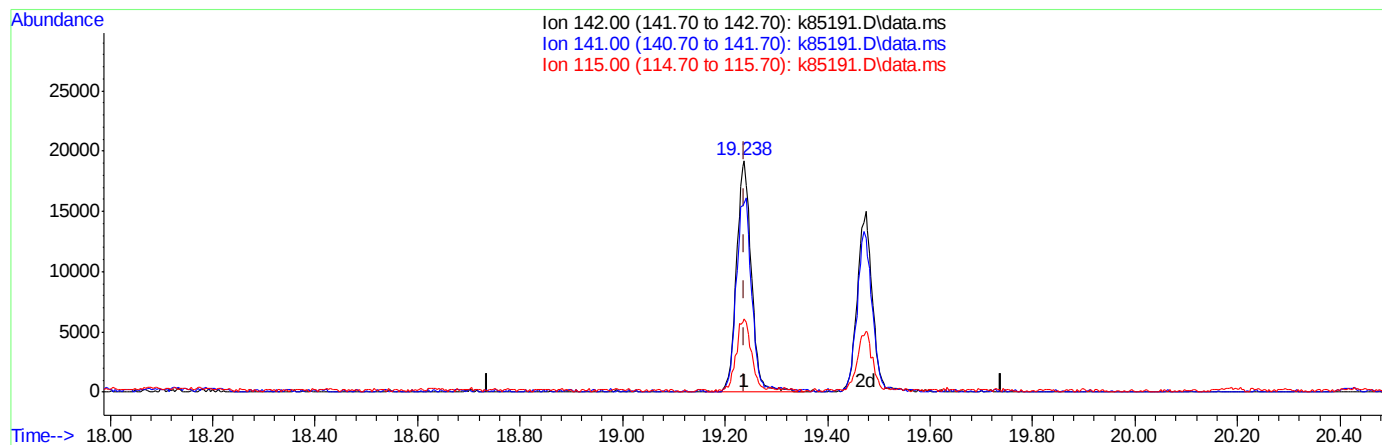
response 2260

Ion	Exp%	Act%
88.00	100	100
58.00	103.80	65.63#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150204\
Data File : k85191.D
Acq On : 4 Feb 2015 9:25 am
Operator : jaimem
Sample : bs
Misc : ms33796,msk2667,10,,100,10,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 04 09:49:45 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Feb 04 08:22:20 2015
Response via : Initial Calibration



(106) 2-methylnaphthalene (p)

19.238min (+0.000) 32.70ug/kg

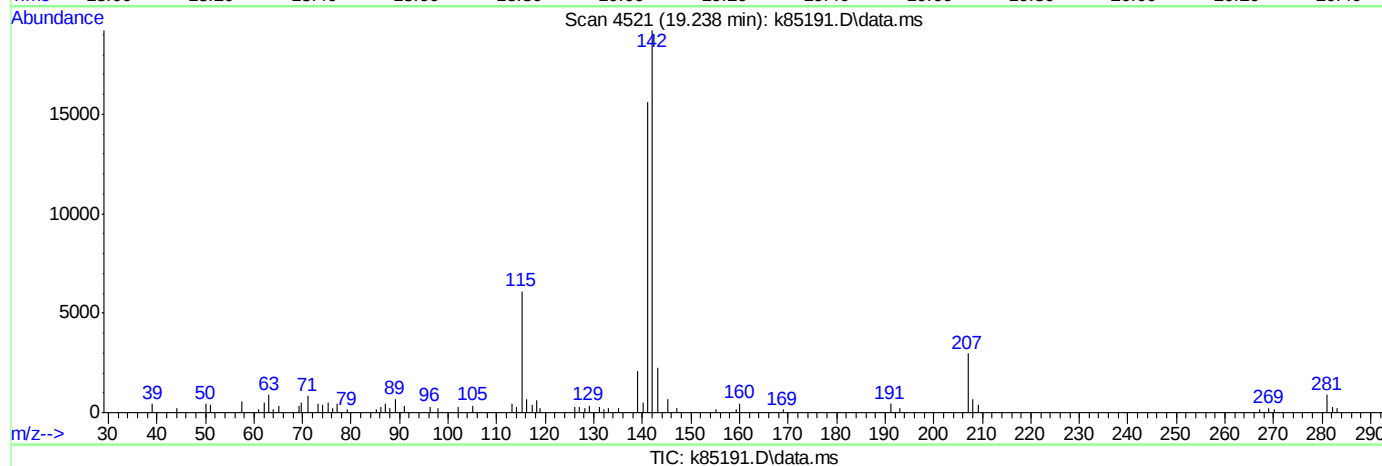
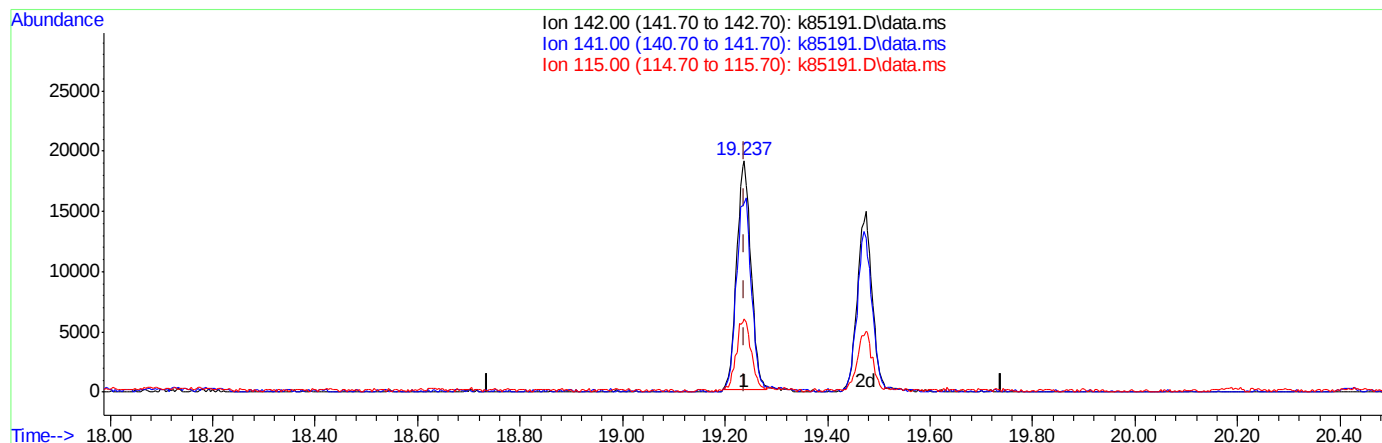
response 38535

Ion	Exp%	Act%
142.00	100	100
141.00	86.00	89.10
115.00	37.20	36.15
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150204\
Data File : k85191.D
Acq On : 4 Feb 2015 9:25 am
Operator : jaimem
Sample : bs
Misc : ms33796,msk2667,10,,100,10,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 04 09:49:45 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Feb 04 08:22:20 2015
Response via : Initial Calibration



(106) 2-methylnaphthalene (p)

19.238min (-0.000) 30.92ug/kg m

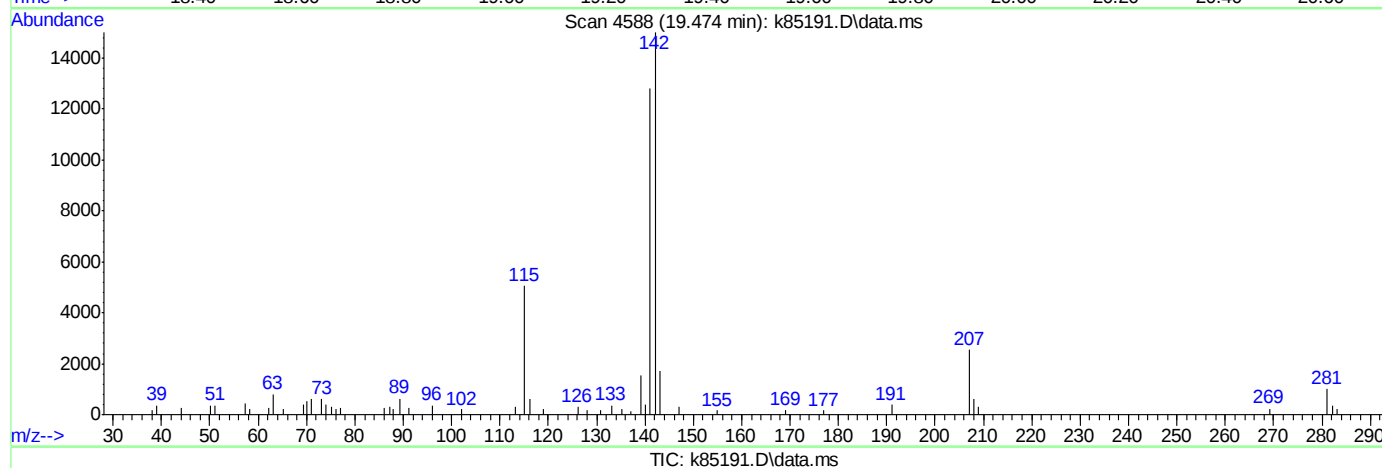
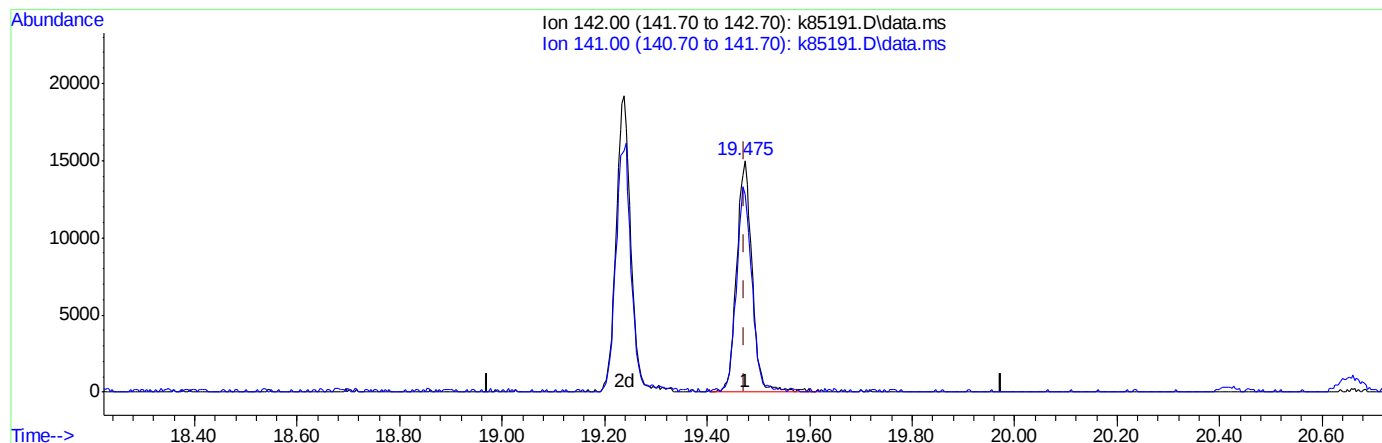
response 36438

Ion	Exp%	Act%
142.00	100	100
141.00	86.00	94.23
115.00	37.20	38.23
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150204\
Data File : k85191.D
Acq On : 4 Feb 2015 9:25 am
Operator : jaimem
Sample : bs
Misc : ms33796,msk2667,10,,100,10,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 04 09:49:45 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Feb 04 08:22:20 2015
Response via : Initial Calibration



(107) 1-methylnaphthalene (p)

19.475min (+0.002) 37.30ug/kg

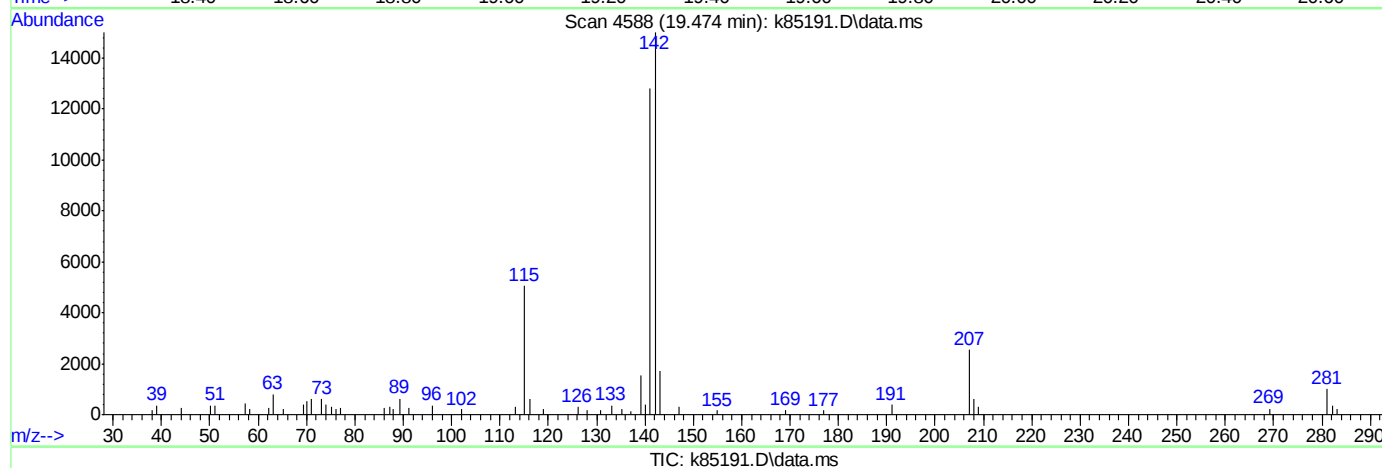
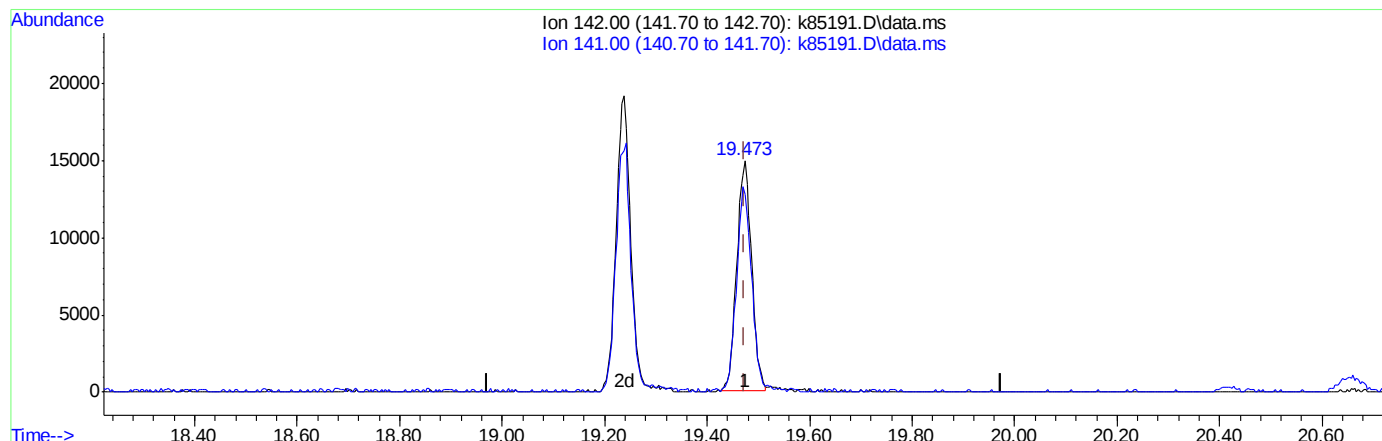
response 31352

Ion	Exp%	Act%
142.00	100	100
141.00	26.30	89.54#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150204\
Data File : k85191.D
Acq On : 4 Feb 2015 9:25 am
Operator : jaimem
Sample : bs
Misc : ms33796,msk2667,10,,100,10,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 04 09:49:45 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Feb 04 08:22:20 2015
Response via : Initial Calibration



(107) 1-methylnaphthalene (p)

19.474min (+0.001) 35.37ug/kg m

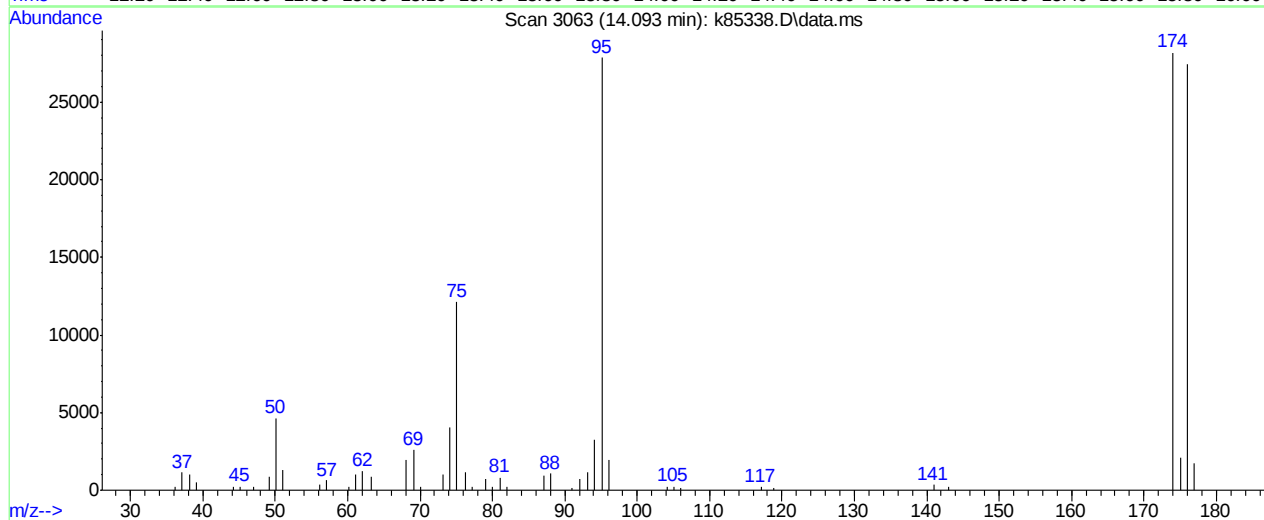
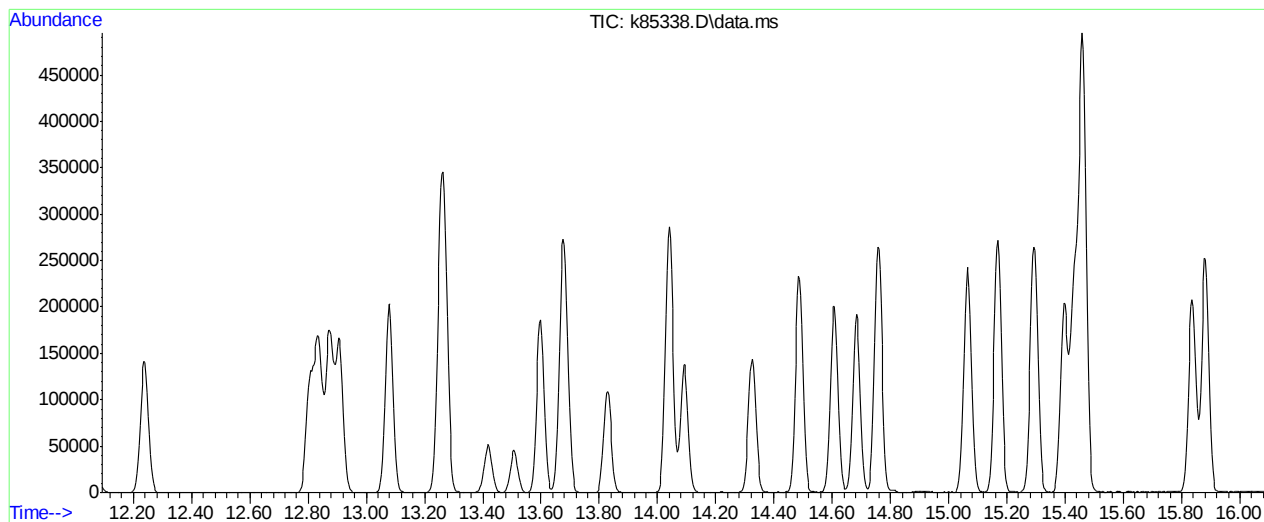
response 29735

Ion	Exp%	Act%
142.00	100	100
141.00	26.30	94.41#
0.00	0.00	0.00
0.00	0.00	0.00

SW-846 Method 8260

Data File : C:\msdchem\1\data\150210\k85338.D Vial: 3
Acq On : 10 Feb 2015 8:44 am Operator: jaimem
Sample : bfb Inst : MSK
Misc : ms33827,msk2670,10,,100,10,1 Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\msdchem\1\methods\K150203S.M (RTE Integrator)
Title : SW-846 Method 8260



Spectrum Information: Scan 3063

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	16.6	4631	PASS
75	95	30	60	43.5	12121	PASS
95	95	100	100	100.0	27856	PASS
96	95	5	9	7.0	1940	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	150	101.2	28200	PASS
175	174	5	9	7.5	2104	PASS
176	174	95	101	97.3	27432	PASS
177	176	5	9	6.4	1747	PASS

Scan 3063 (14.093 min): k85338.D\data.ms
bfb

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.10	216	57.10	631	76.20	1161	94.10	3284
37.10	1129	60.20	212	77.20	210	95.10	27856
38.10	1020	61.10	1032	79.00	741	96.10	1940
39.10	490	62.10	1254	80.00	219	104.10	218
44.20	200	63.20	847	81.00	819	105.00	220
45.10	248	68.10	1919	82.00	216	106.00	157
47.00	221	69.10	2583	87.10	939	117.10	214
49.20	905	70.10	206	88.00	1065	118.90	180
50.10	4631	73.10	1021	91.00	176	141.00	331
51.10	1334	74.10	4027	92.10	720	143.00	195
56.10	335	75.10	12121	93.10	1172	174.00	28200

Scan 3063 (14.093 min): k85338.D\data.ms
bfb

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
175.00	2104						
176.00	27432						
177.00	1747						

7.5.3

7

SW-846 Method 8260

Data File : D:\msdchem\1\data\U150115\U25634.D

Vial: 17

Acq On : 15 Jan 2015 4:26 pm

Operator: GaryK

Sample : bfb

Inst : MSU

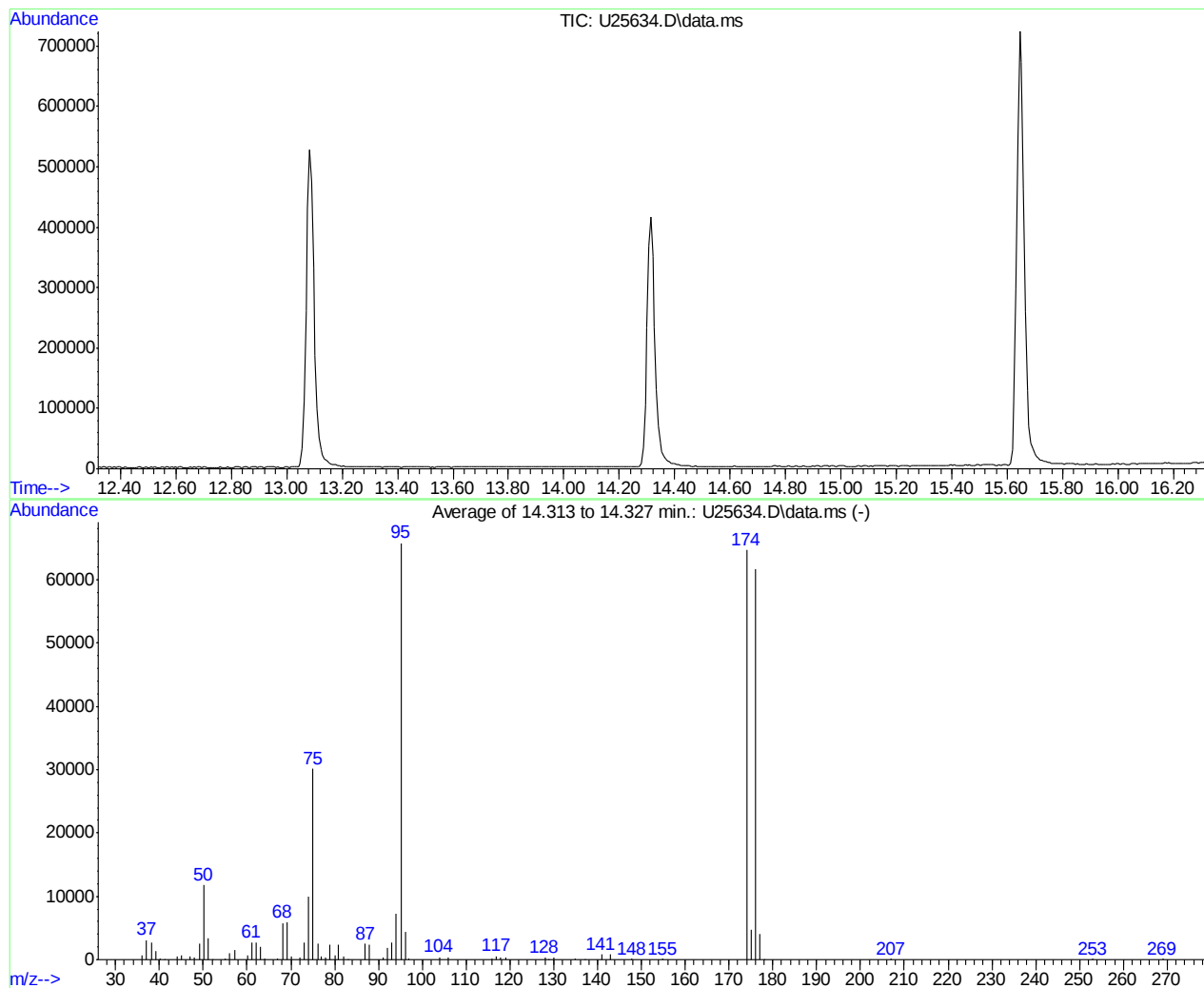
Misc : ms33699,msu1085,,,5,1

Multiplr: 1.00

MS Integration Params: RTEINT.P

Method : D:\msdchem\1\methods\U150115w.m (RTE Integrator)

Title : SW-846 Method 8260



Spectrum Information: Average of 14.313 to 14.327 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	17.8	11719	PASS
75	95	30	60	45.7	30072	PASS
95	95	100	100	100.0	65771	PASS
96	95	5	9	6.7	4428	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	150	98.3	64669	PASS
175	174	5	9	7.2	4662	PASS
176	174	95	101	95.5	61733	PASS
177	176	5	9	6.5	3989	PASS

U25634.D U150115w.m Fri Jan 16 12:37:33 2015

Average of 14.313 to 14.327 min.: U25634.D\data.ms

bfb

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.05	613	50.10	11719	67.05	238	78.95	2286
37.10	3076	51.10	3451	68.05	5788	80.00	657
38.10	2710	52.10	83	69.05	5827	80.95	2346
39.10	1342	55.05	151	70.05	543	81.95	574
40.05	120	56.10	1081	71.95	353	83.10	72
41.05	14	57.10	1523	73.10	2701	87.00	2469
44.05	518	60.10	667	74.10	9925	88.00	2415
45.10	599	61.05	2713	75.10	30072	91.00	394
47.10	566	62.05	2671	76.10	2508	92.00	1923
48.05	401	63.10	2080	77.05	469	93.05	2785
49.10	2572	64.05	164	78.00	269	94.05	7311

Average of 14.313 to 14.327 min.: U25634.D\data.ms

bfb

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
95.10	65771	129.90	300	178.00	69		
96.05	4428	134.95	176	207.05	119		
97.00	101	137.00	71	253.10	152		
103.95	364	140.90	831	269.05	107		
105.95	325	142.95	773				
115.95	198	147.90	98				
116.90	558	154.95	150				
117.90	311	174.00	64669				
118.95	405	175.00	4662				
127.95	330	176.00	61733				
128.90	85	177.00	3989				

7.5.4

7

SW-846 Method 8260

Data File : D:\msdchem\1\data\U150210\U26139.D

Vial: 2

Acq On : 10 Feb 2015 9:45 am

Operator: GaryK

Sample : bfb

Inst : MSU

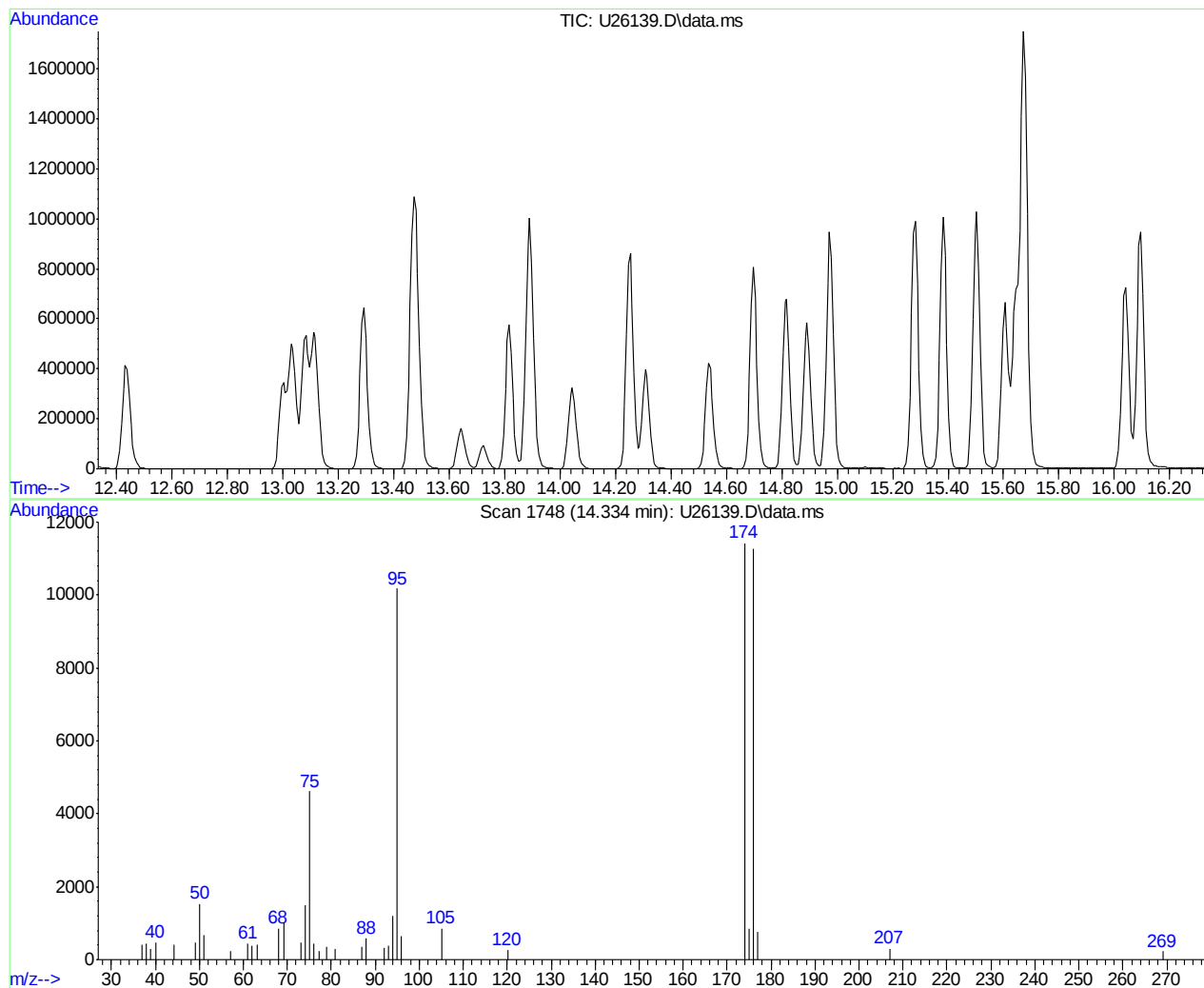
Misc : ms33837,msu1100,,,5,1

Multiplr: 1.00

MS Integration Params: RTEINT.P

Method : D:\msdchem\1\methods\U150115w.m (RTE Integrator)

Title : SW-846 Method 8260



Spectrum Information: Scan 1748

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	15.1	1534	PASS
75	95	30	60	45.3	4613	PASS
95	95	100	100	100.0	10183	PASS
96	95	5	9	6.2	633	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	150	112.3	11431	PASS
175	174	5	9	7.4	841	PASS
176	174	95	101	98.5	11262	PASS
177	176	5	9	6.6	748	PASS

Scan 1748 (14.334 min): U26139.D\data.ms
cc1085-50

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.00	417	63.10	421	88.00	573	177.00	748
38.00	454	68.00	862	92.00	310	207.00	308
39.00	285	69.10	1035	93.10	378	269.10	222
40.00	480	73.10	477	94.00	1187		
44.10	405	74.10	1507	95.00	10183		
49.10	482	75.10	4613	96.00	633		
50.10	1534	76.00	439	105.10	852		
51.10	677	77.10	237	120.10	274		
57.10	245	79.00	352	174.00	11431		
61.00	445	80.90	297	175.00	841		
62.00	382	87.00	343	176.00	11262		

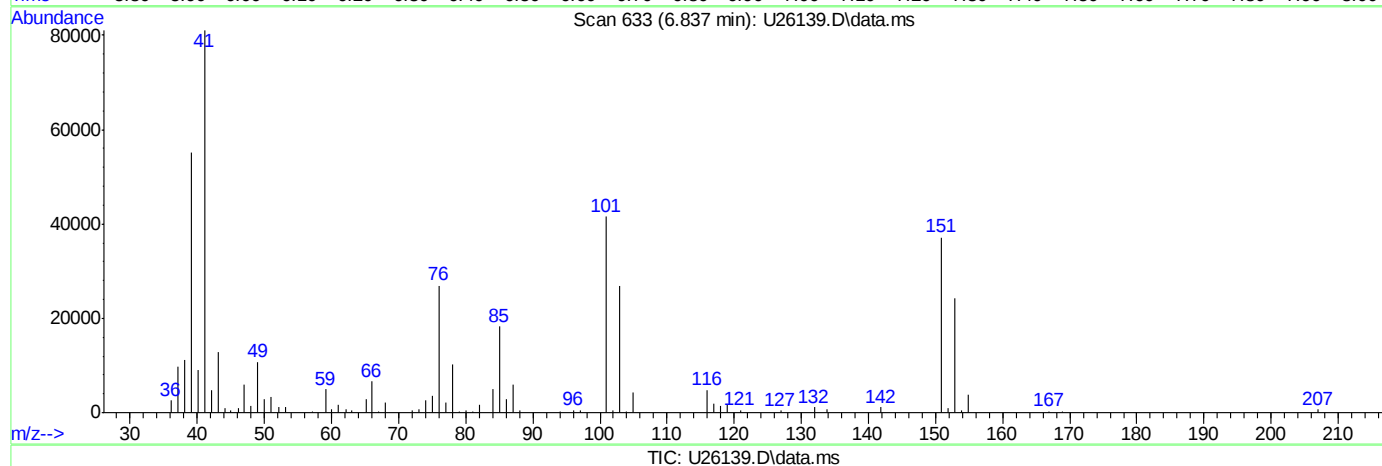
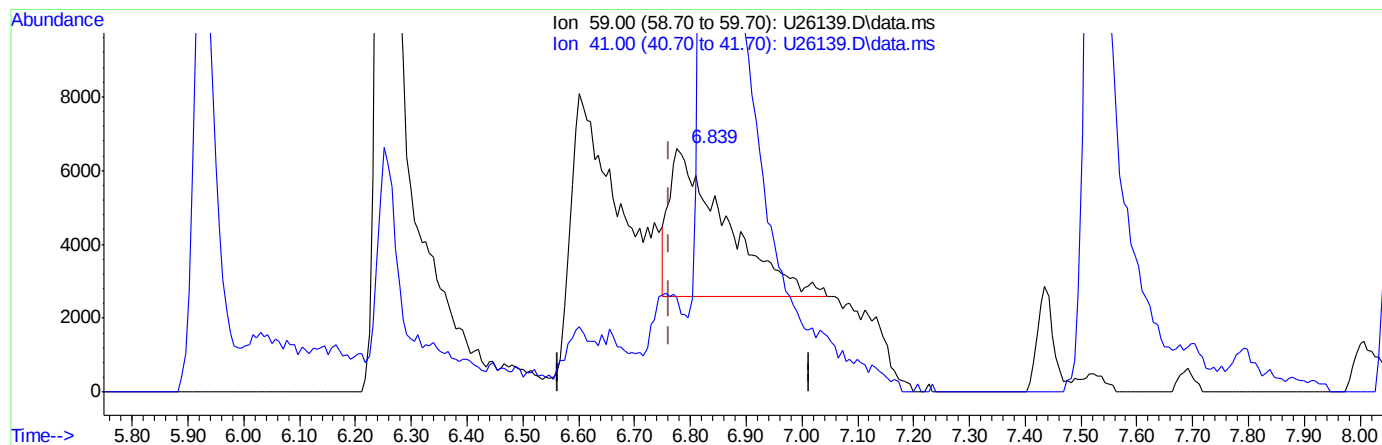
7.5.5

7

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26139.D
Acq On : 10 Feb 2015 9:45 am
Operator : GaryK
Sample : cc1085-50
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 10 10:14:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(2) tertiary butyl alcohol (P)

6.839min (+0.076) 109.37ppb

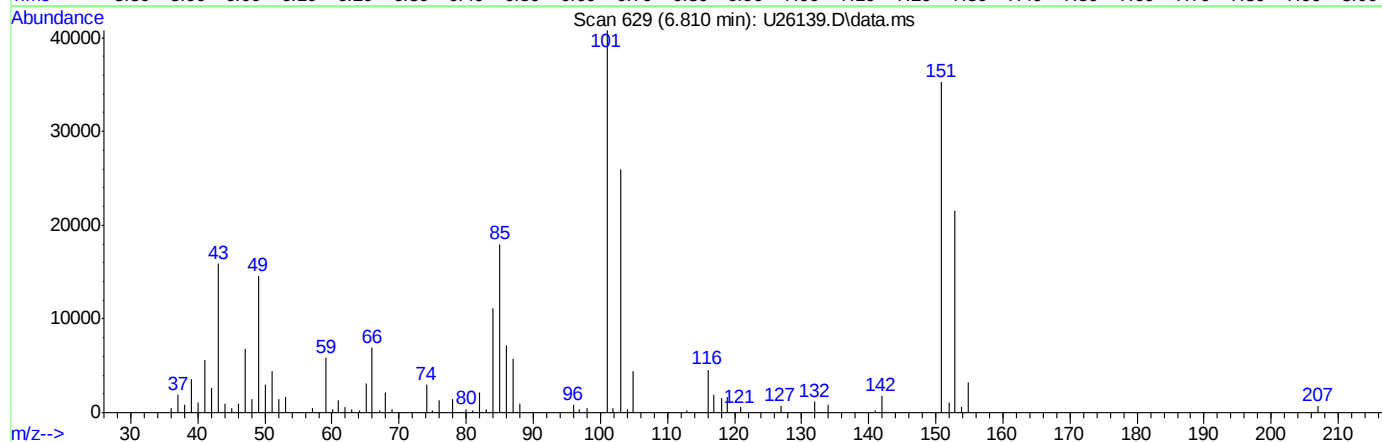
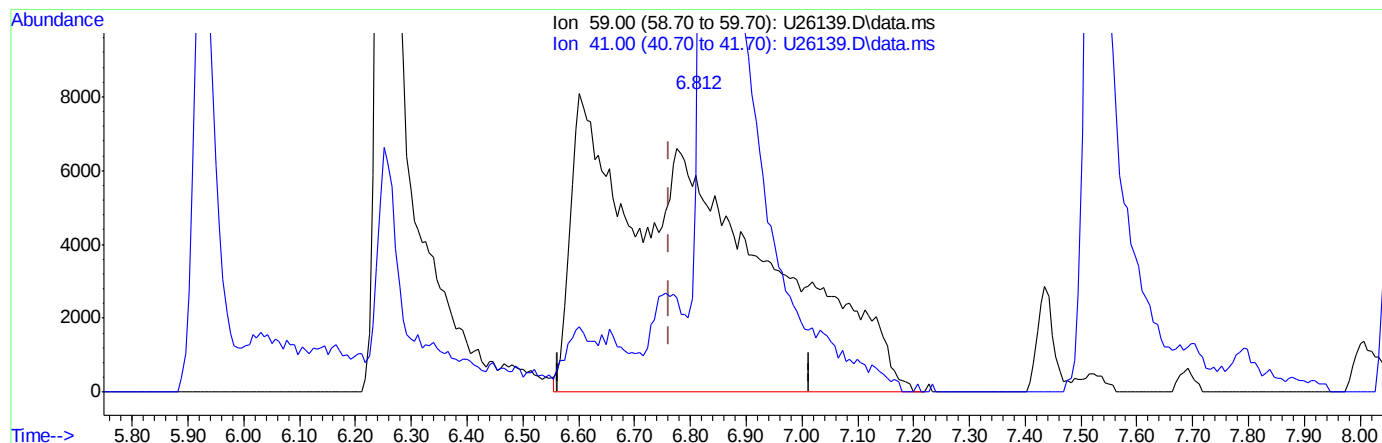
response 28314

Ion	Exp%	Act%
59.00	100	100
41.00	23.90	3425.20#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26139.D
Acq On : 10 Feb 2015 9:45 am
Operator : GaryK
Sample : cc1085-50
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 10 10:14:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U26139.D\data.ms

(2) tertiary butyl alcohol (P)

6.810min (+0.047) 529.09ppb m

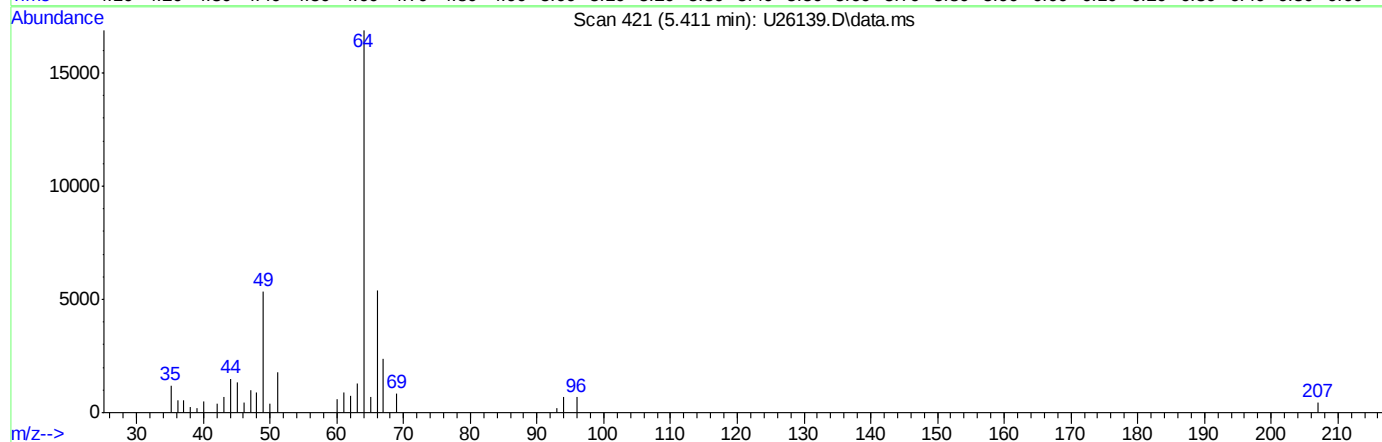
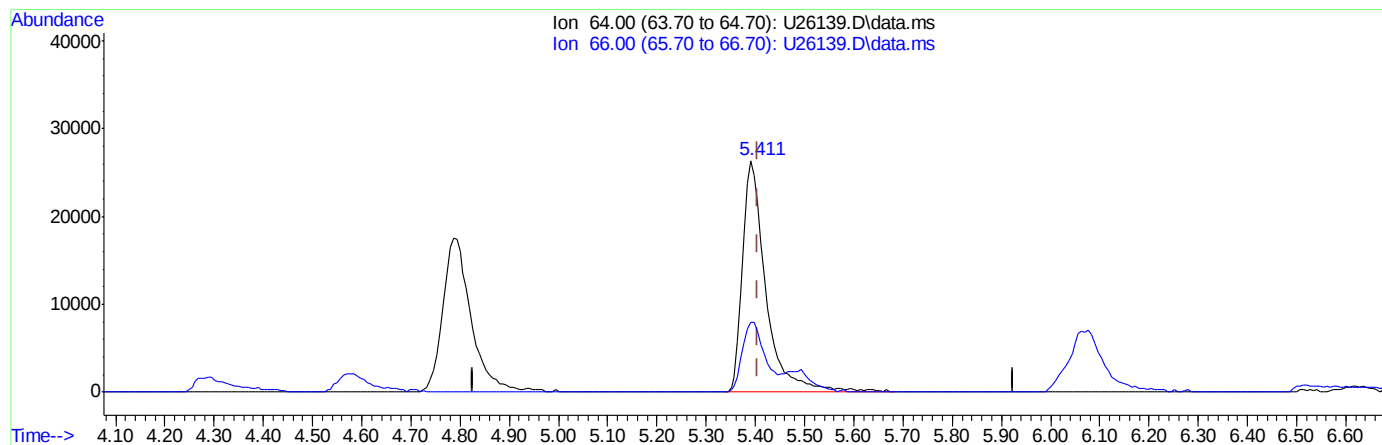
response 147421

Ion	Exp%	Act%
59.00	100	100
41.00	23.90	96.69#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26139.D
Acq On : 10 Feb 2015 9:45 am
Operator : GaryK
Sample : cc1085-50
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 10 10:14:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(9) chloroethane (P)

5.411min (+0.005) 61.86ppb

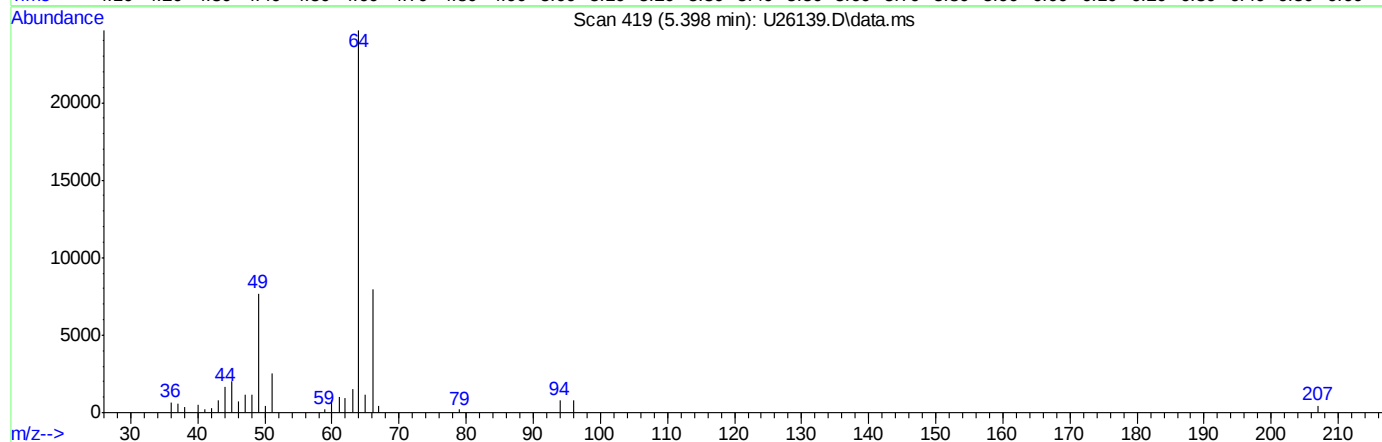
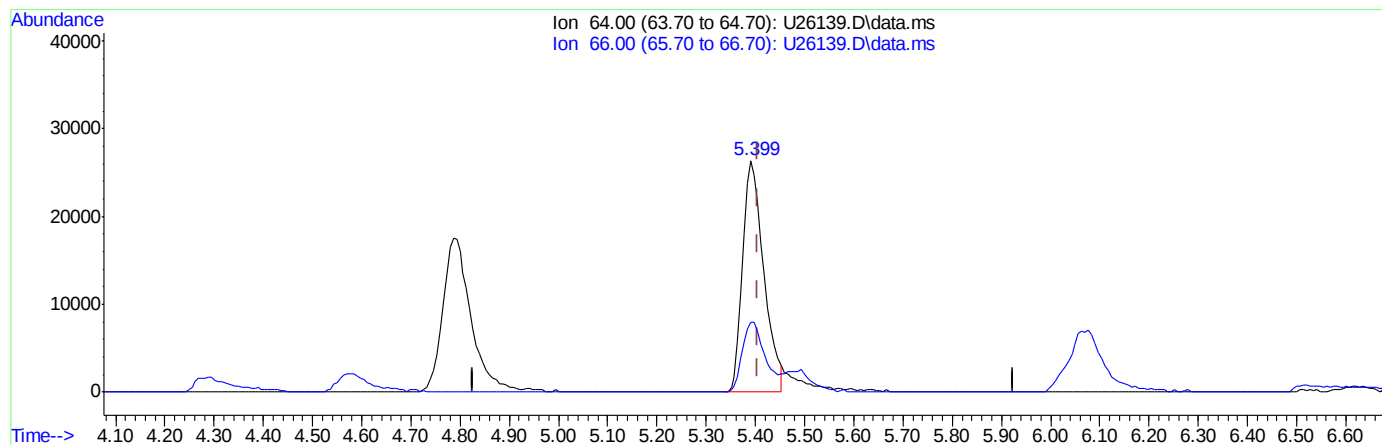
response 86539

Ion	Exp%	Act%
64.00	100	100
66.00	30.10	31.84
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26139.D
Acq On : 10 Feb 2015 9:45 am
Operator : GaryK
Sample : cc1085-50
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 10 10:14:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U26139.D\data.ms

(9) chloroethane (P)

5.398min (-0.008) 55.65ppb m

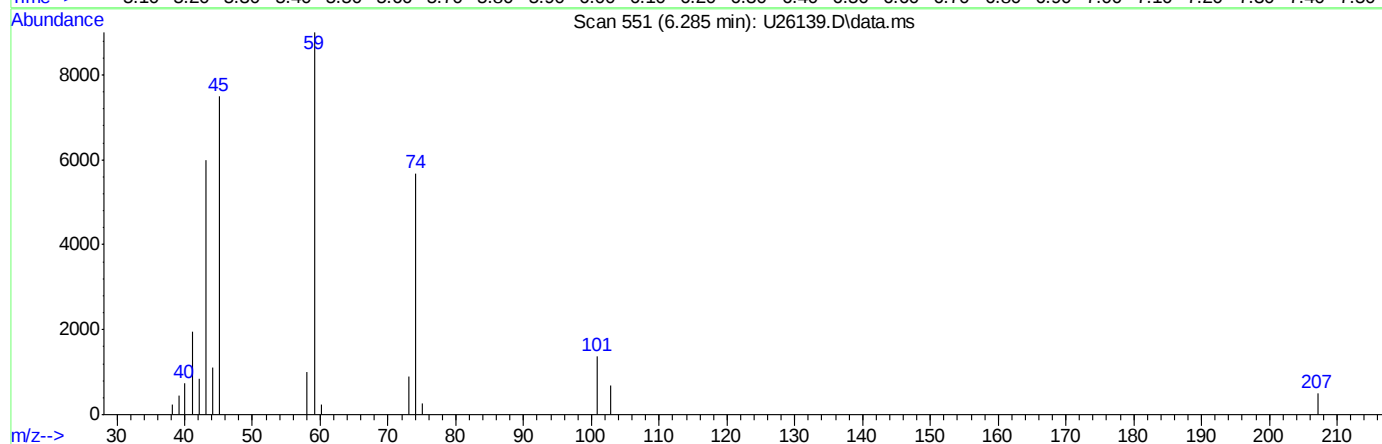
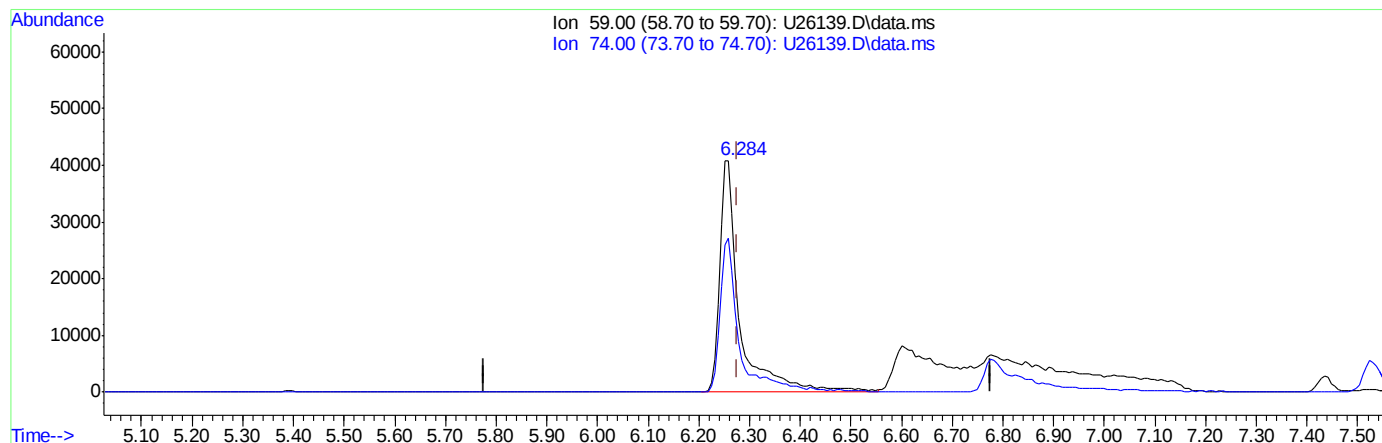
response 77848

Ion	Exp%	Act%
64.00	100	100
66.00	30.10	32.18
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26139.D
Acq On : 10 Feb 2015 9:45 am
Operator : GaryK
Sample : cc1085-50
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 10 10:14:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U26139.D\data.ms

(10) ethyl ether (P)

6.284min (+0.008) 63.45ppb

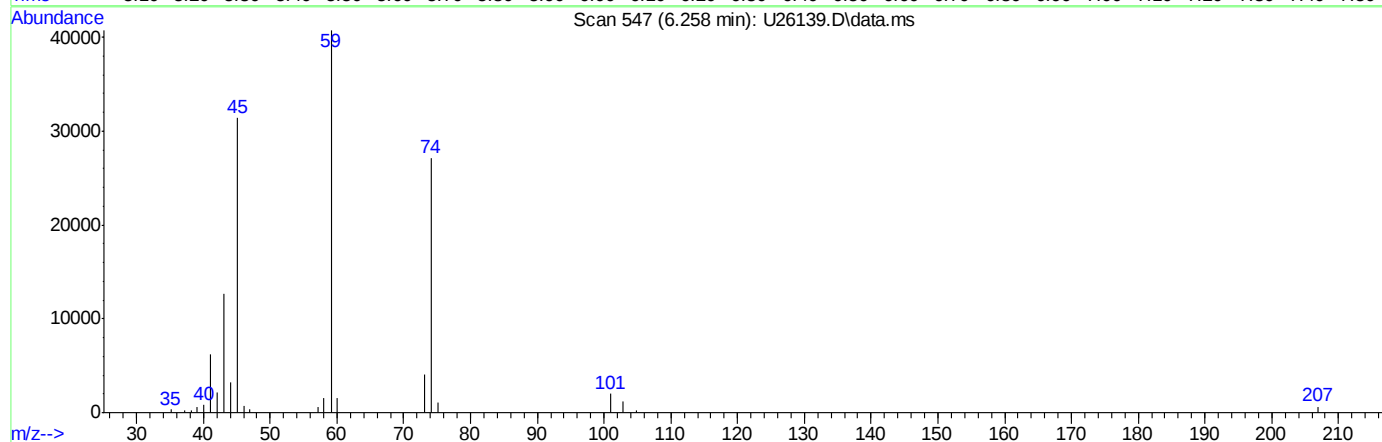
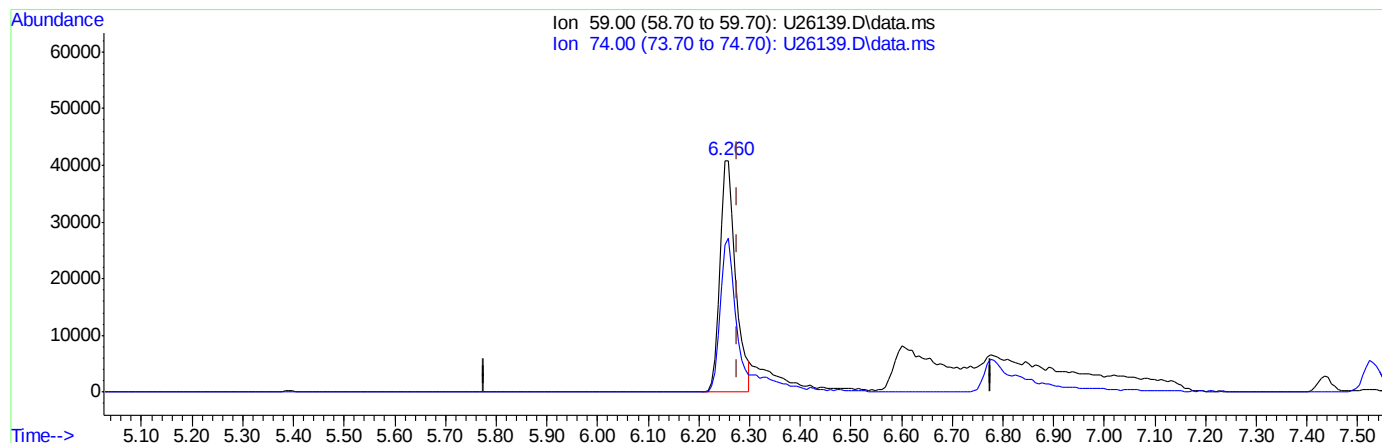
response 113100

Ion	Exp%	Act%
59.00	100	100
74.00	59.10	63.16
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26139.D
Acq On : 10 Feb 2015 9:45 am
Operator : GaryK
Sample : cc1085-50
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 10 10:14:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U26139.D\data.ms

(10) ethyl ether (P)

6.258min (-0.018) 49.99ppb m

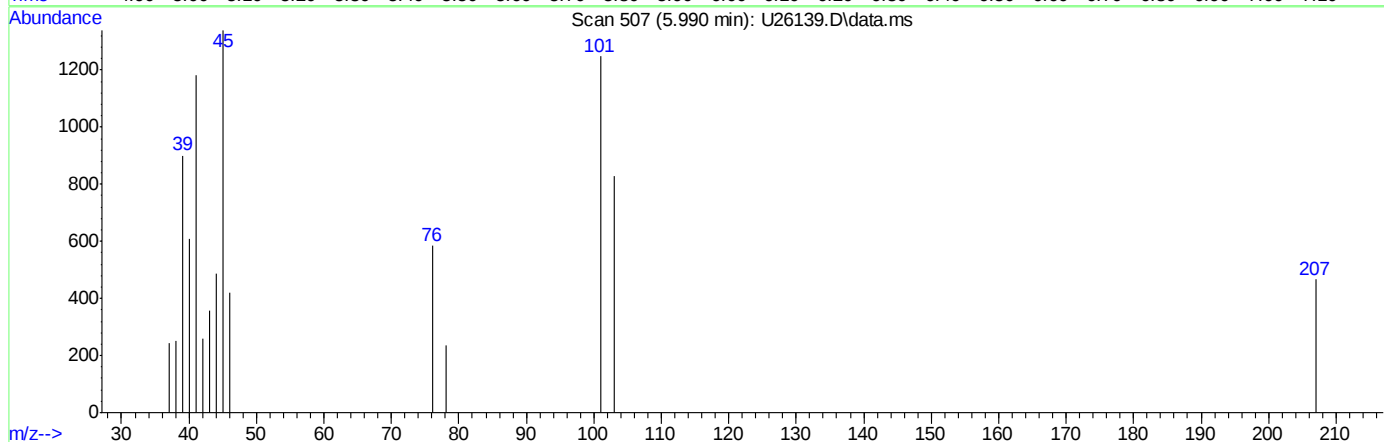
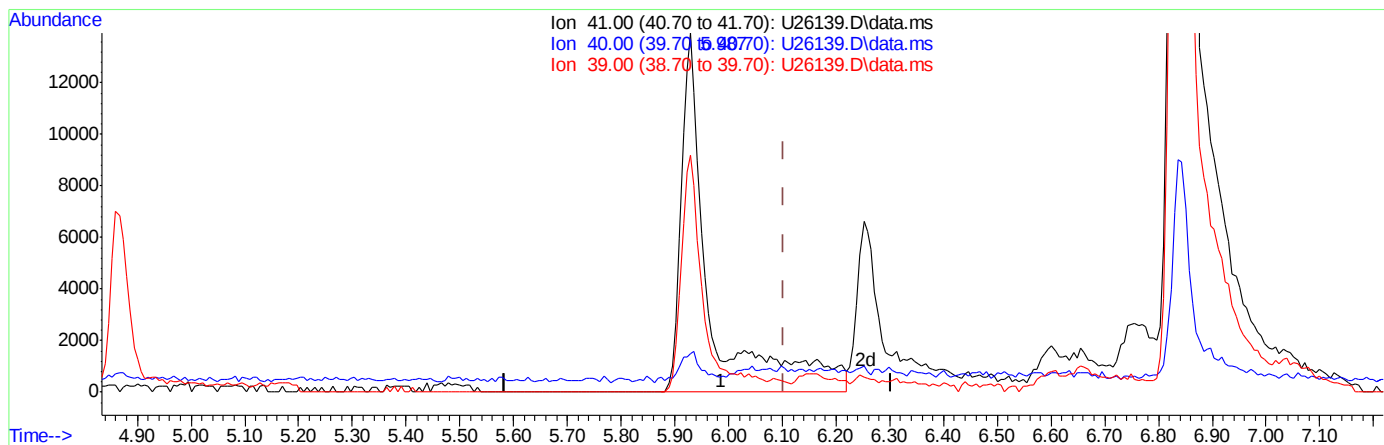
response 89109

Ion	Exp%	Act%
59.00	100	100
74.00	59.10	66.68
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26139.D
Acq On : 10 Feb 2015 9:45 am
Operator : GaryK
Sample : cc1085-50
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 10 10:14:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U26139.D\data.ms

(11) acetonitrile (P)

5.987min (-0.117) 194.76ppb

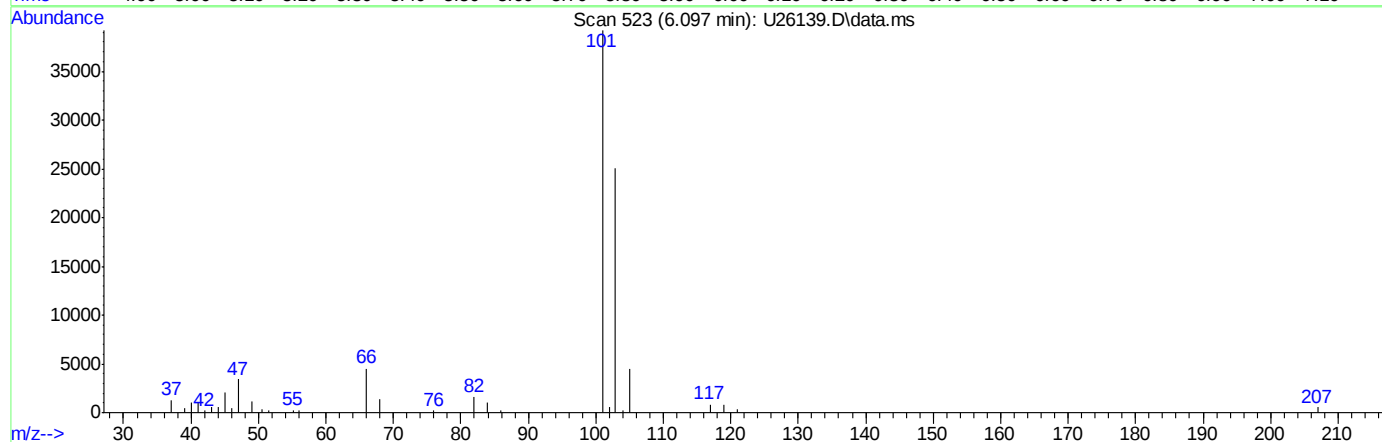
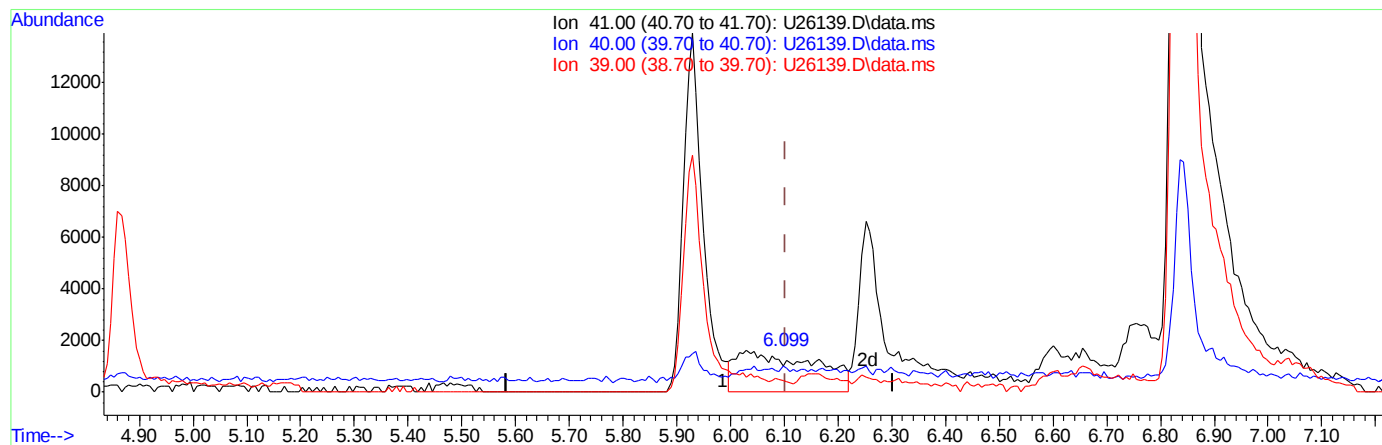
response 51778

Ion	Exp%	Act%
41.00	100	100
40.00	92.30	3.89#
39.00	24.50	76.23#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26139.D
Acq On : 10 Feb 2015 9:45 am
Operator : GaryK
Sample : cc1085-50
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 10 10:14:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U26139.D\data.ms

(11) acetonitrile (P)

6.097min (-0.007) 64.39ppb m

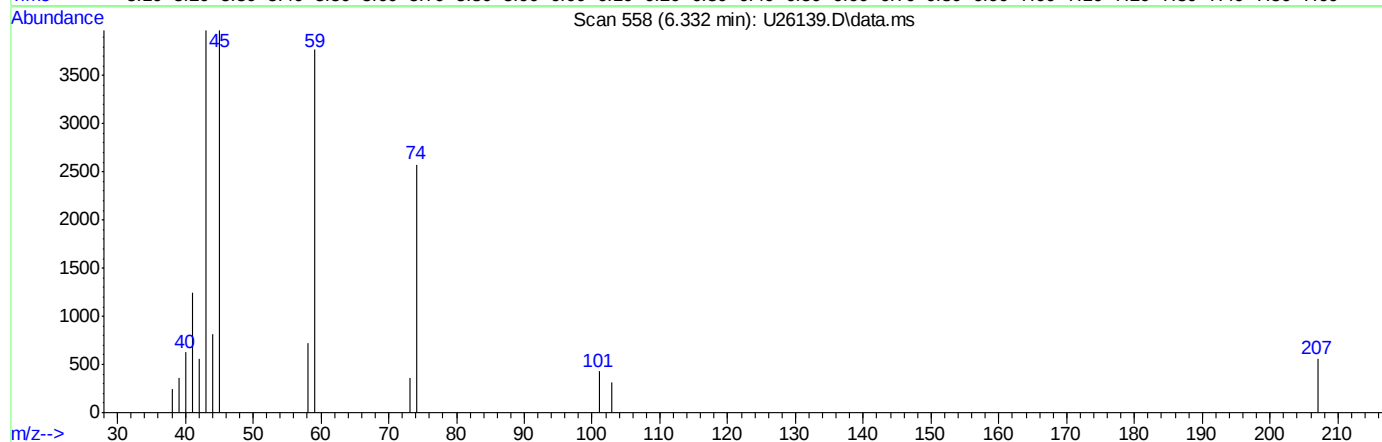
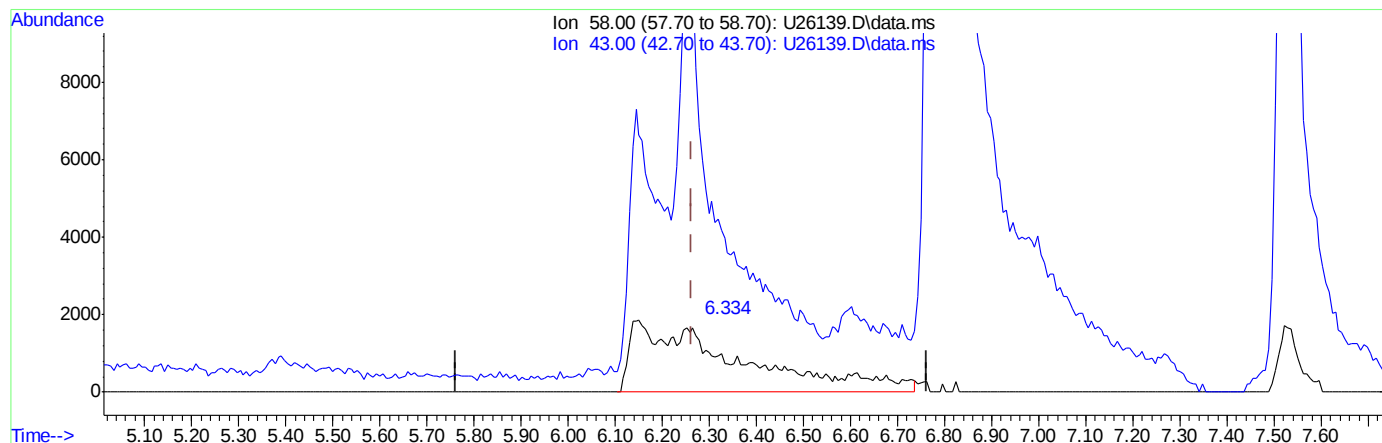
response 16141

Ion	Exp%	Act%
41.00	100	100
40.00	92.30	101.80
39.00	24.50	43.99
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26139.D
Acq On : 10 Feb 2015 9:45 am
Operator : GaryK
Sample : cc1085-50
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 10 10:14:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U26139.D\data.ms

(16) acetone (P)

6.334min (+0.070) 169.21ppb

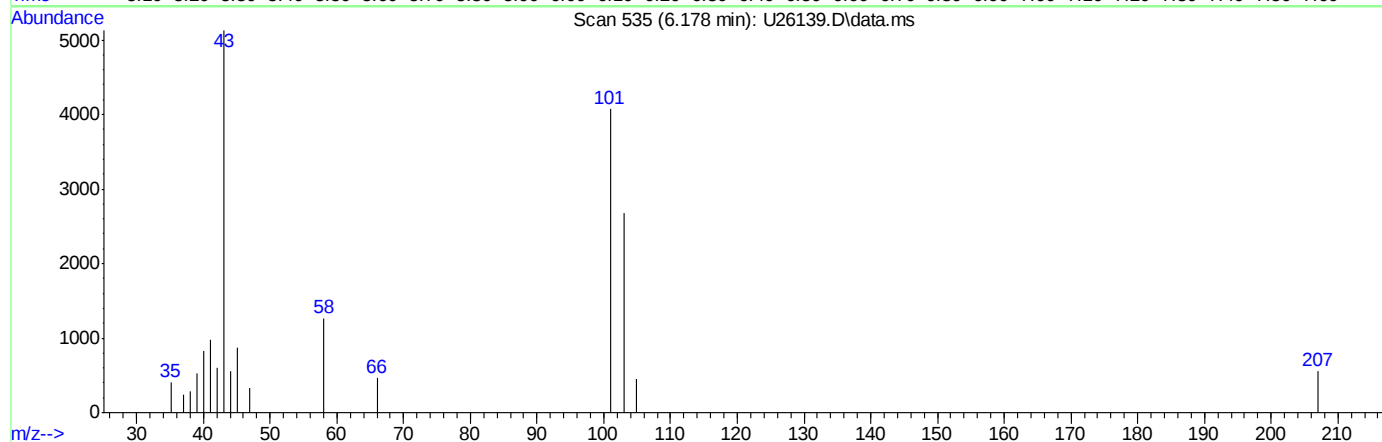
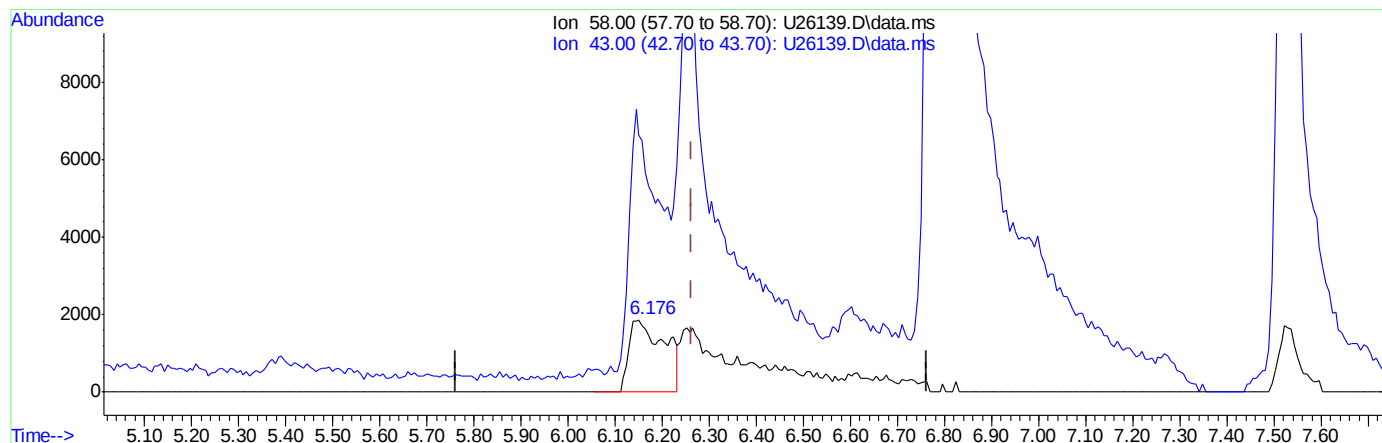
response 28872

Ion	Exp%	Act%
58.00	100	100
43.00	308.80	471.63#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26139.D
Acq On : 10 Feb 2015 9:45 am
Operator : GaryK
Sample : cc1085-50
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 10 10:14:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U26139.D\data.ms

(16) acetone (P)

6.178min (-0.086) 57.68ppb m

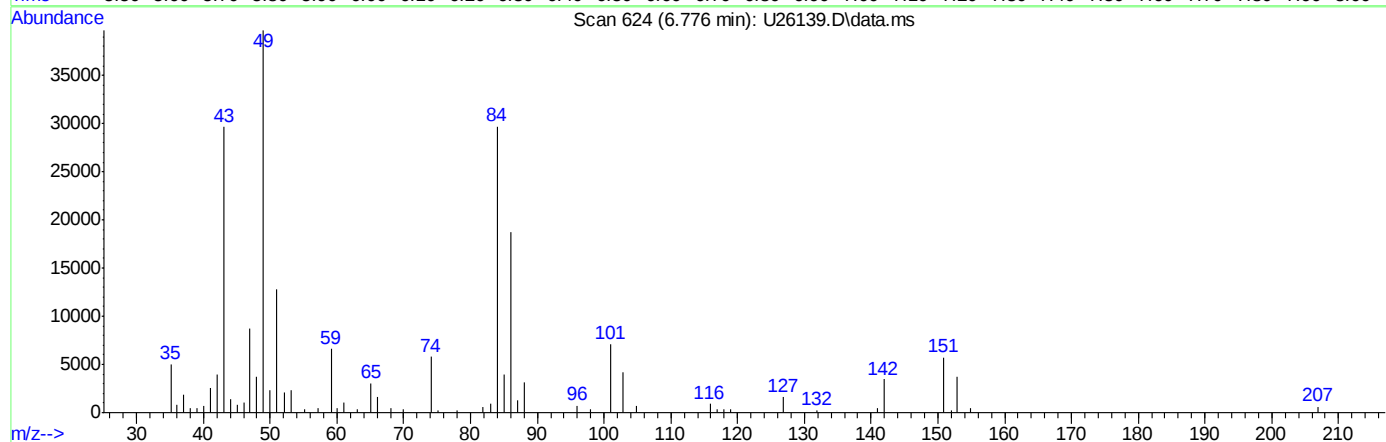
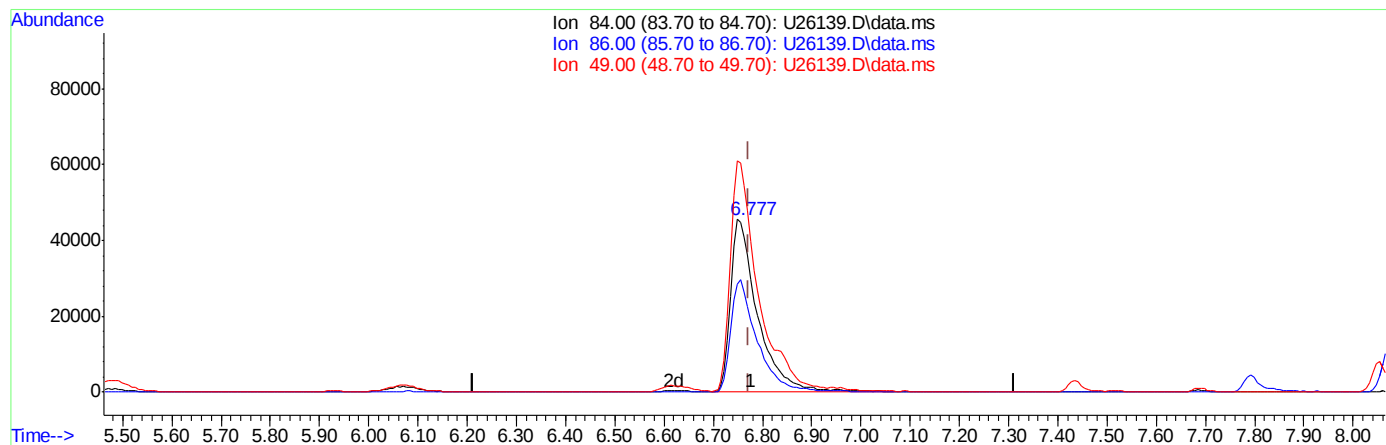
response 9841

Ion	Exp%	Act%
58.00	100	100
43.00	308.80	405.45#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26139.D
Acq On : 10 Feb 2015 9:45 am
Operator : GaryK
Sample : cc1085-50
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 10 10:14:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U26139.D\data.ms

(18) methylene chloride (P)

6.777min (+0.005) 61.59ppb

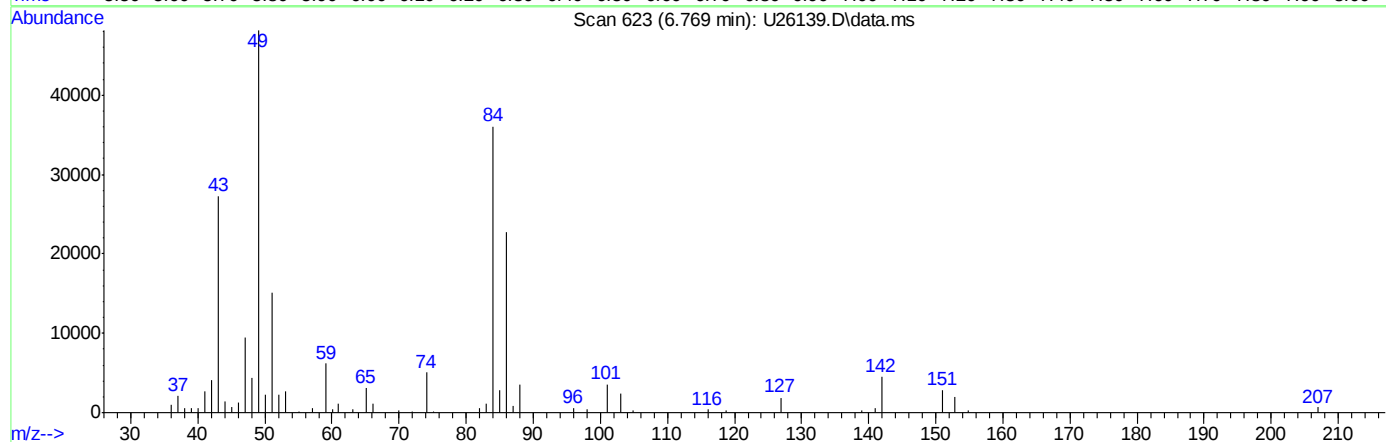
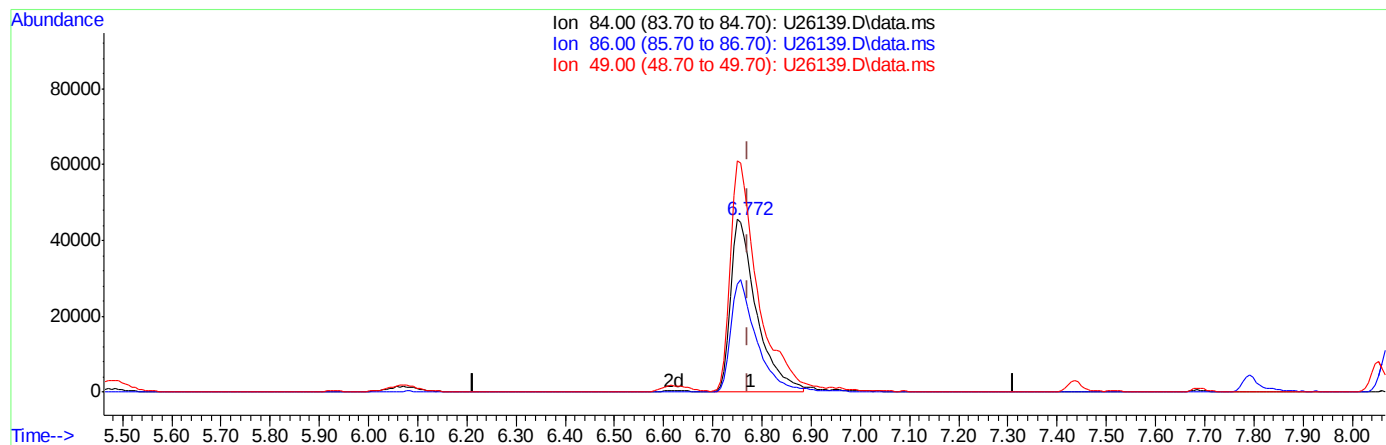
response 172999

Ion	Exp%	Act%
84.00	100	100
86.00	66.80	63.09
49.00	173.40	133.57#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26139.D
Acq On : 10 Feb 2015 9:45 am
Operator : GaryK
Sample : cc1085-50
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 10 10:14:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U26139.D\data.ms

(18) methylene chloride (P)

6.769min (-0.003) 59.63ppb m

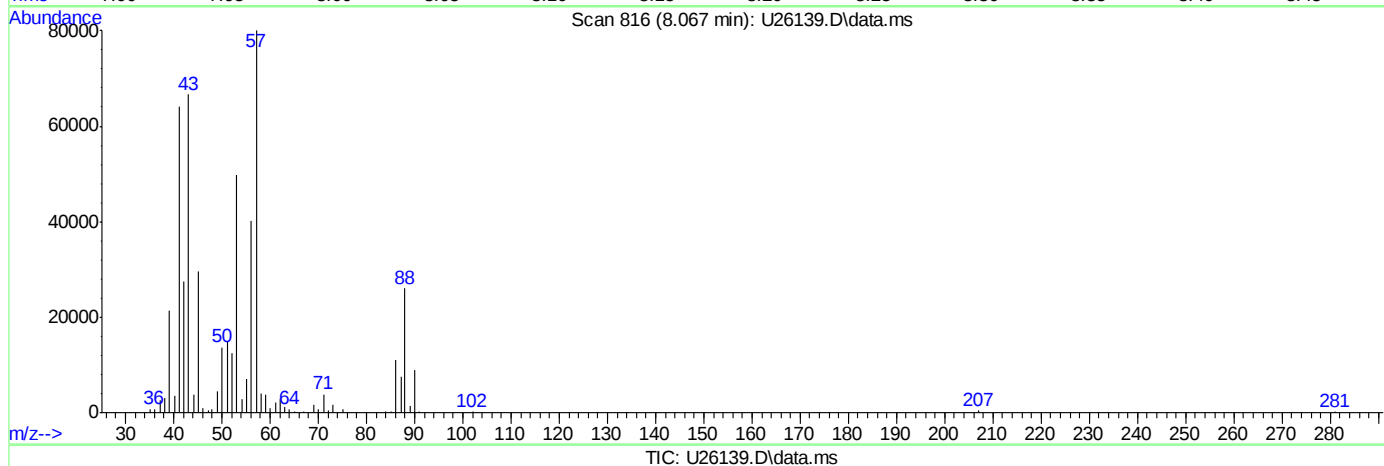
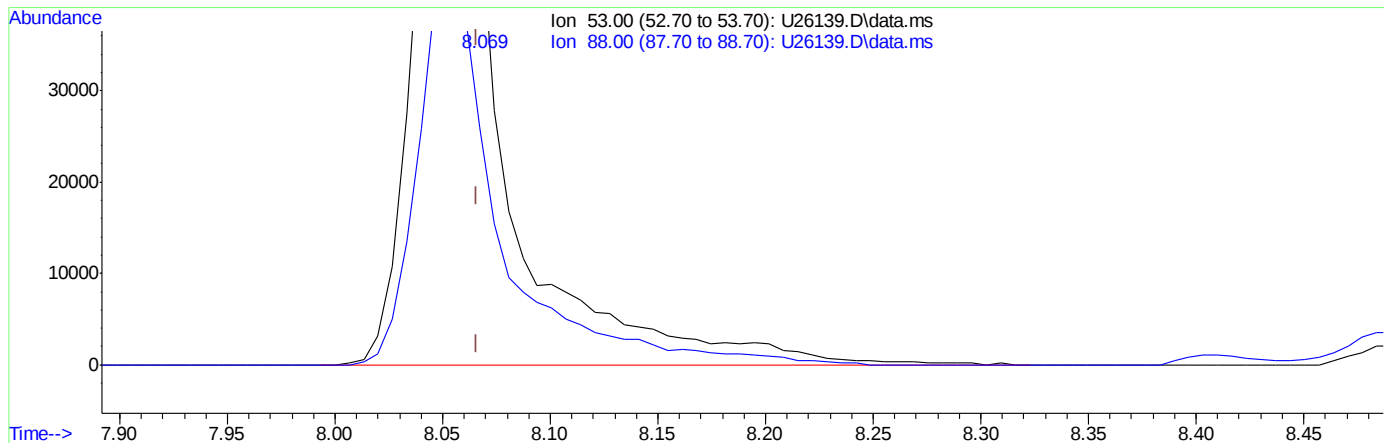
response 167487

Ion	Exp%	Act%
84.00	100	100
86.00	66.80	62.90
49.00	173.40	133.51#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26139.D
Acq On : 10 Feb 2015 9:45 am
Operator : GaryK
Sample : cc1085-50
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 10 10:14:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(27) chloroprene (P)

8.069min (+0.003) 60.55ppb

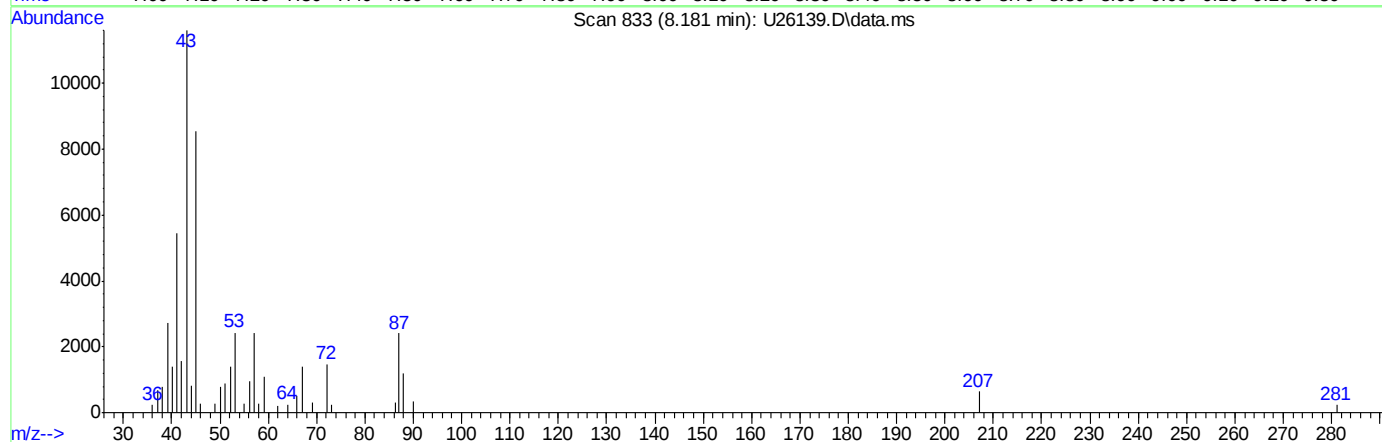
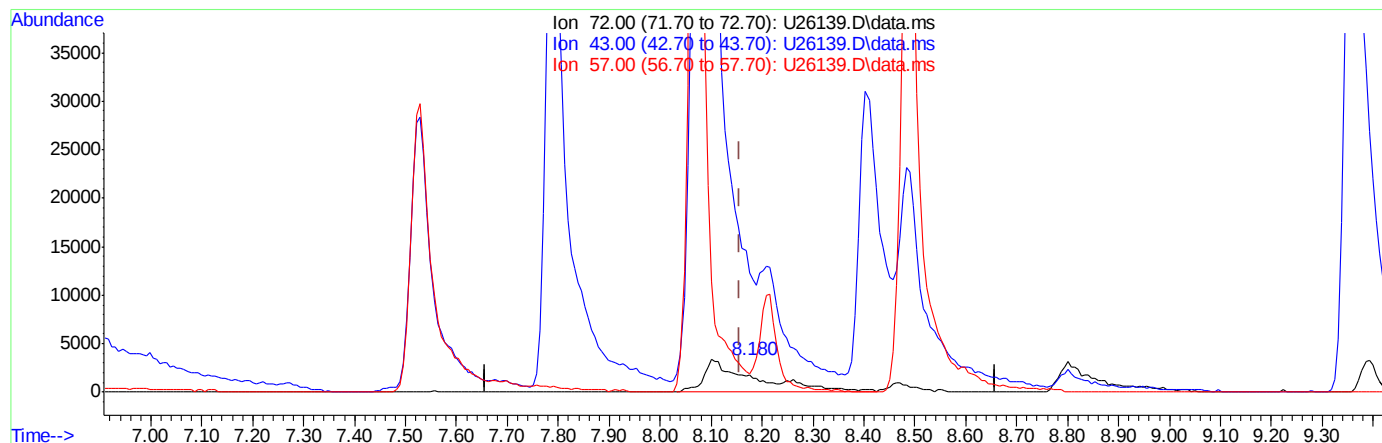
response 212694

Ion	Exp%	Act%
53.00	100	100
88.00	46.40	52.13
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26139.D
Acq On : 10 Feb 2015 9:45 am
Operator : GaryK
Sample : cc1085-50
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 10 10:14:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U26139.D\data.ms

(30) 2-butanone (P)

8.180min (+0.022) 66.53ppb

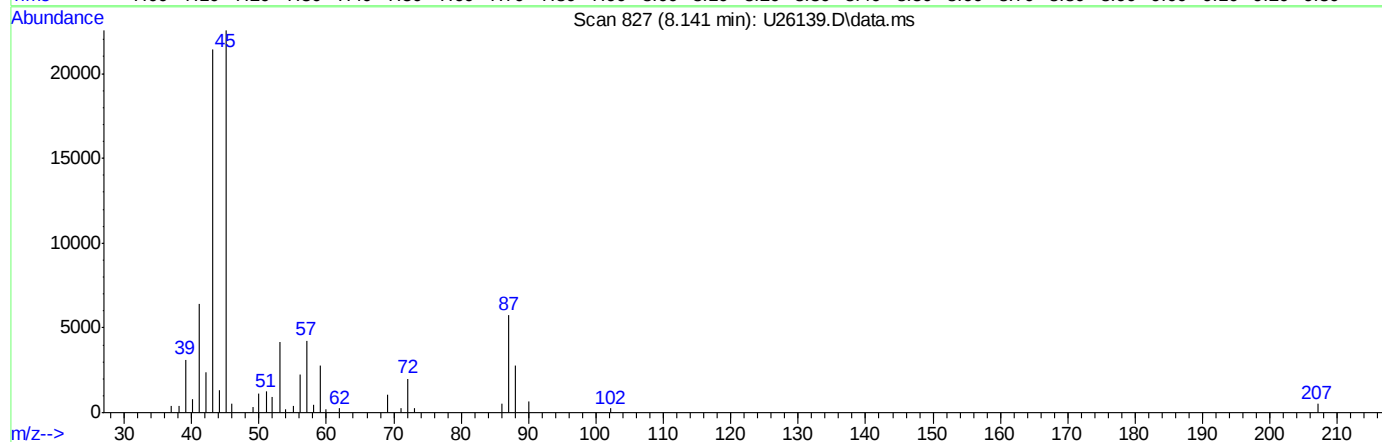
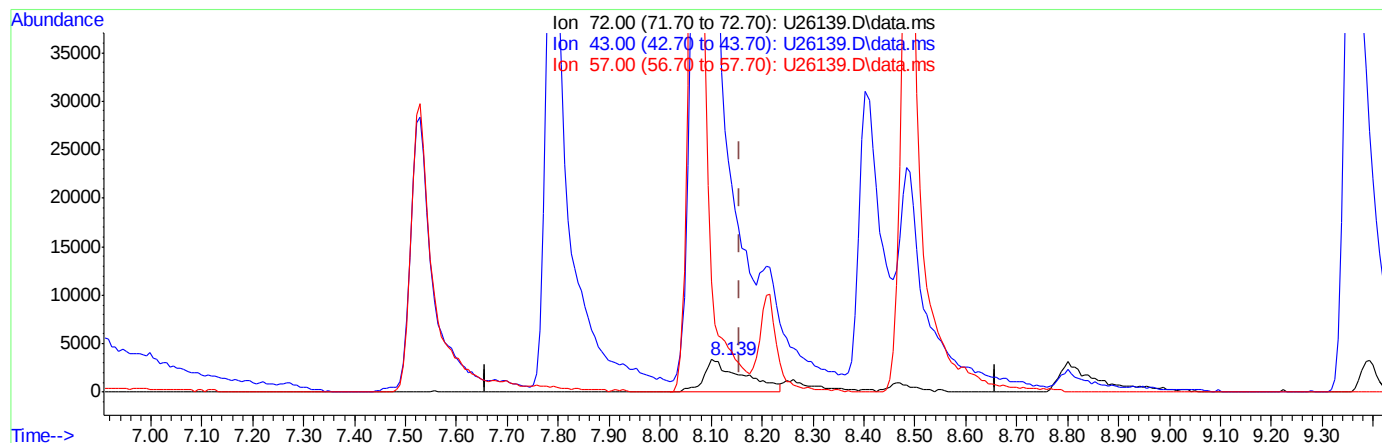
response 24108

Ion	Exp%	Act%
72.00	100	100
43.00	1487.20	0.00#
57.00	99.80	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26139.D
Acq On : 10 Feb 2015 9:45 am
Operator : GaryK
Sample : cc1085-50
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 10 10:14:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U26139.D\data.ms

(30) 2-butanone (P)

8.141min (-0.017) 49.48ppb m

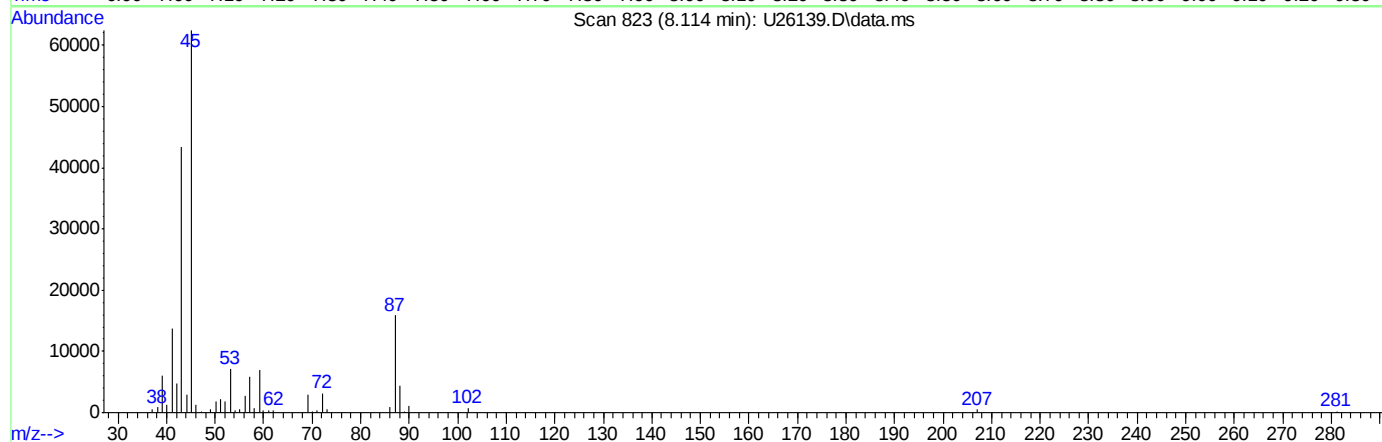
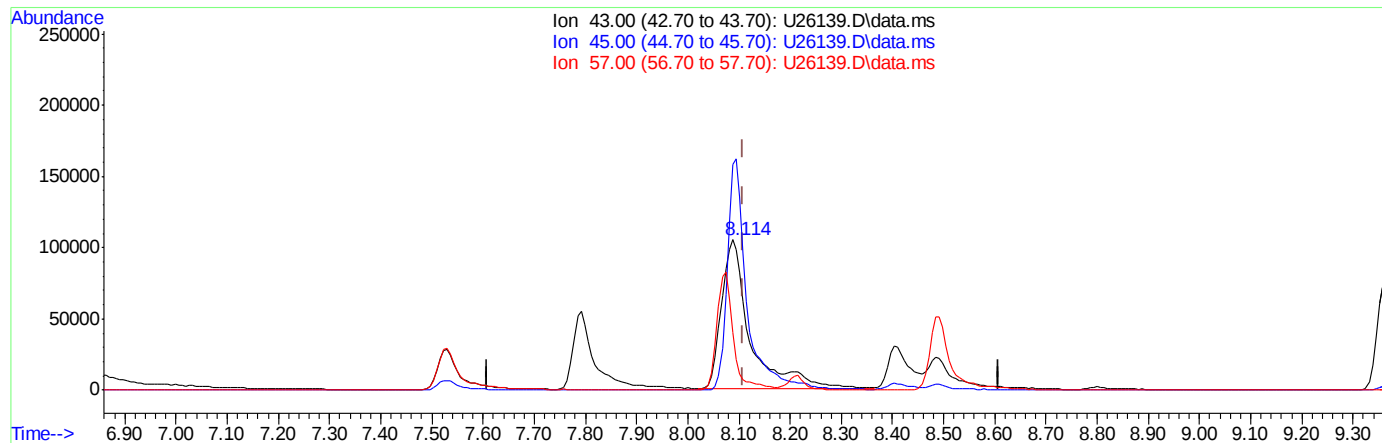
response 18019

Ion	Exp%	Act%
72.00	100	100
43.00	1487.20	0.00#
57.00	99.80	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26139.D
Acq On : 10 Feb 2015 9:45 am
Operator : GaryK
Sample : cc1085-50
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 10 10:14:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U26139.D\data.ms

(31) Ethyl Acetate (P)

8.114min (+0.005) 60.83ug/L

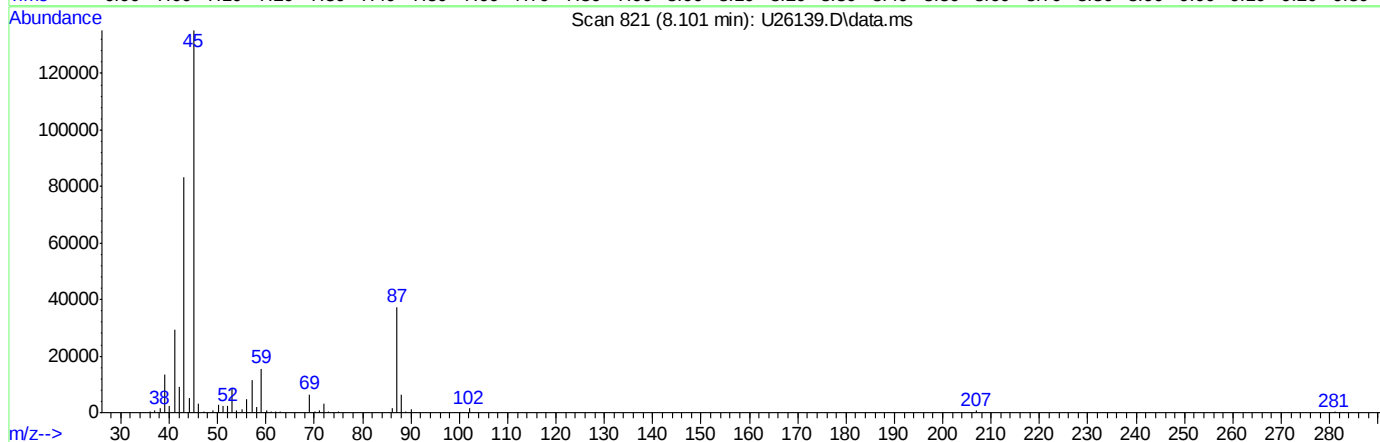
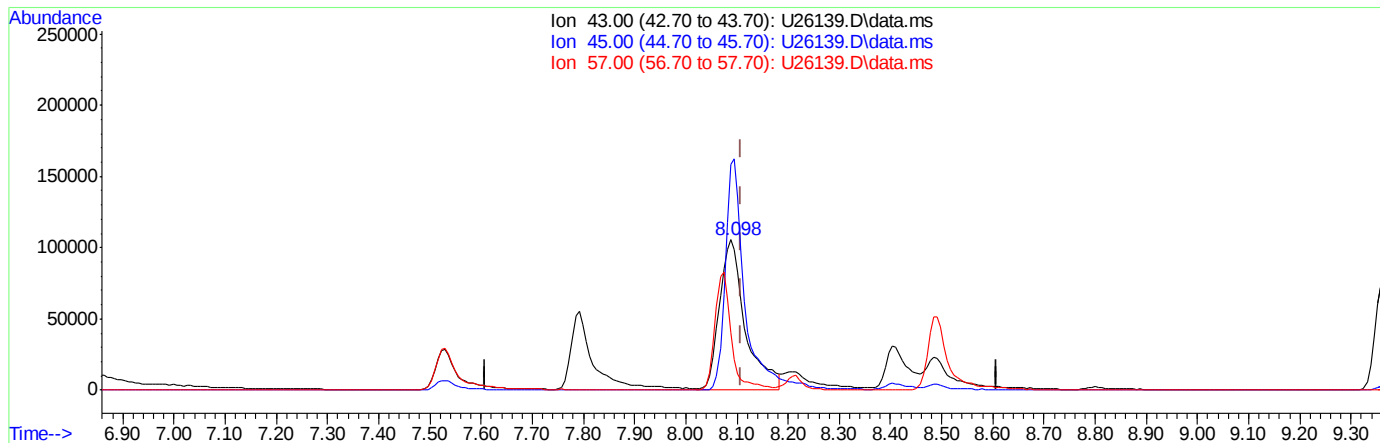
response 409289

Ion	Exp%	Act%
43.00	100	100
45.00	112.90	147.44
57.00	46.70	13.75#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26139.D
Acq On : 10 Feb 2015 9:45 am
Operator : GaryK
Sample : cc1085-50
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 10 10:14:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U26139.D\data.ms

(31) Ethyl Acetate (P)

8.101min (-0.008) 55.24ug/L m

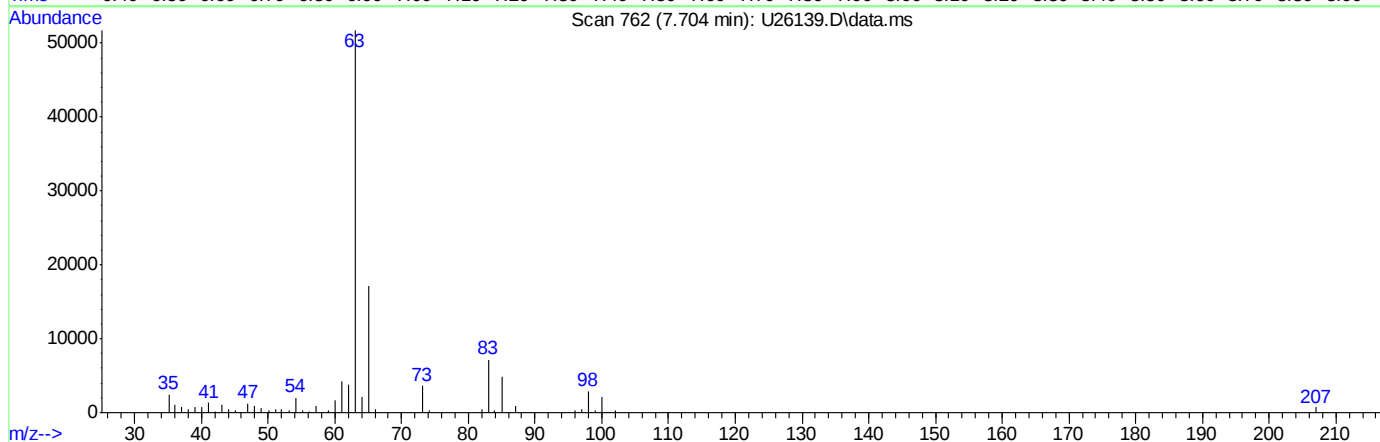
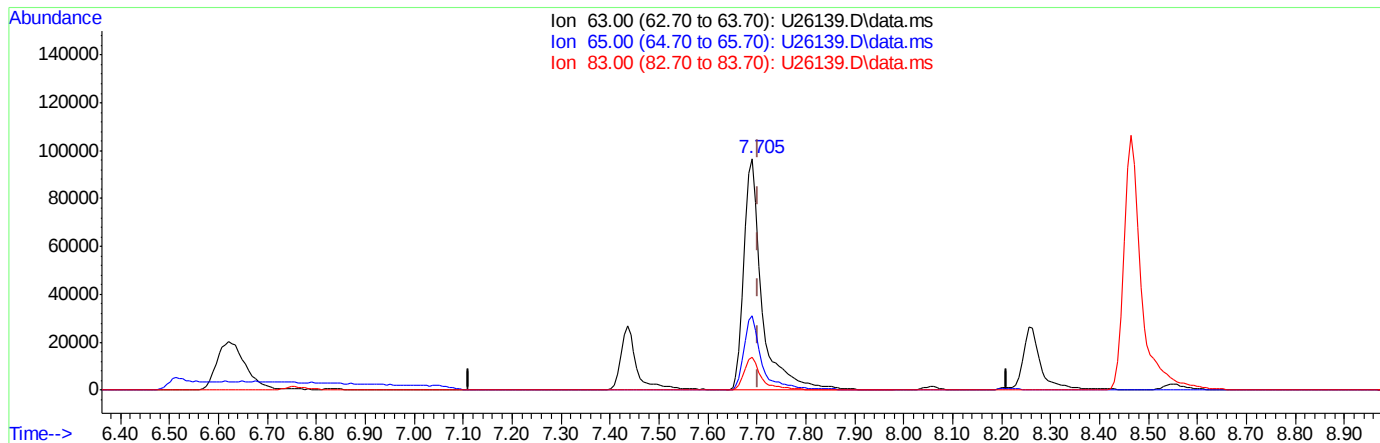
response 371680

Ion	Exp%	Act%
43.00	100	100
45.00	112.90	162.59
57.00	46.70	13.63#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26139.D
Acq On : 10 Feb 2015 9:45 am
Operator : GaryK
Sample : cc1085-50
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 10 10:14:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U26139.D\data.ms

(33) 1,1-dichloroethane (P)

7.705min (+0.003) 61.52ppb

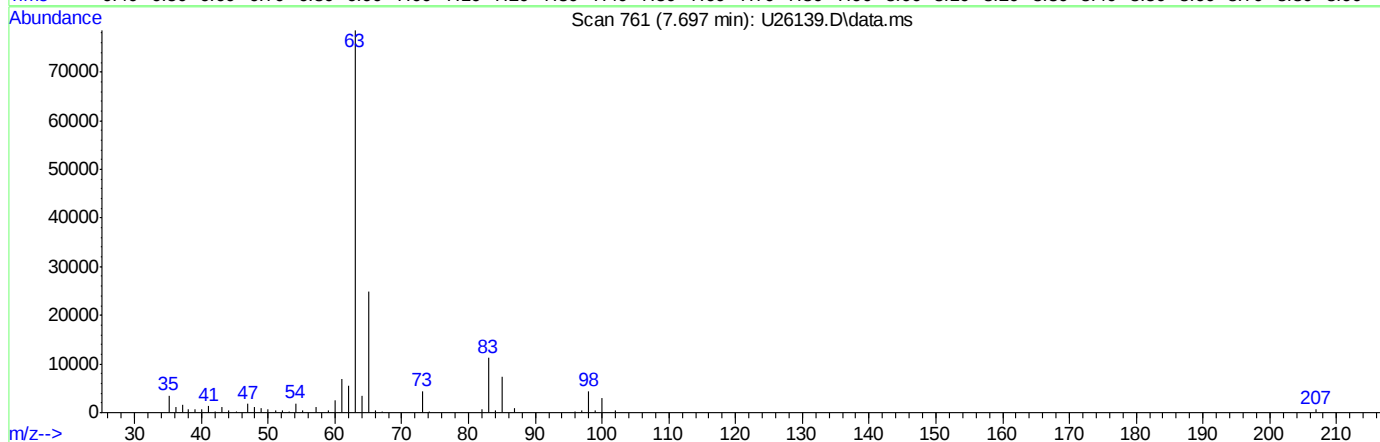
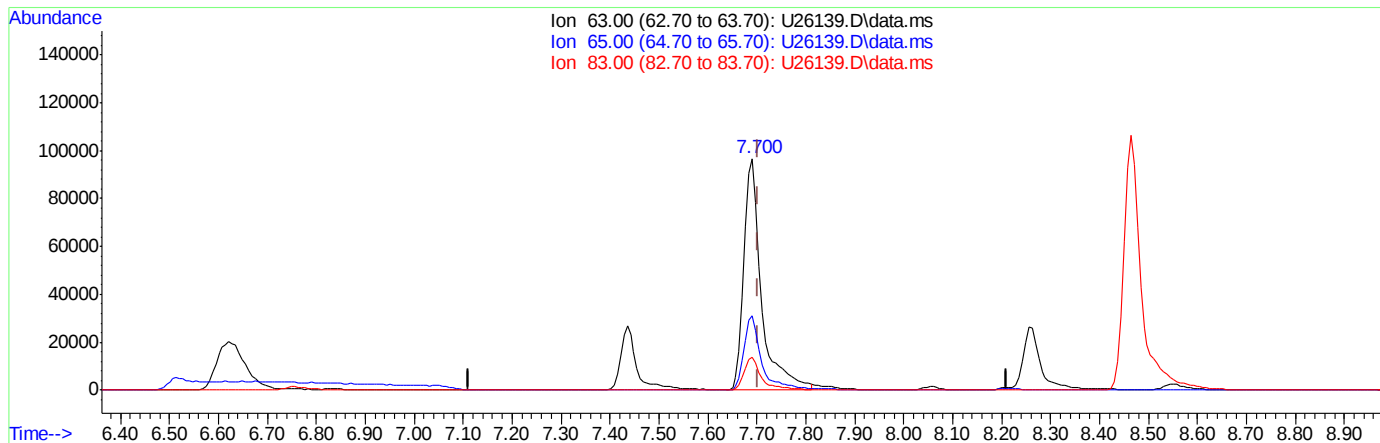
response 248216

Ion	Exp%	Act%
63.00	100	100
65.00	29.70	33.04
83.00	11.80	13.86
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26139.D
Acq On : 10 Feb 2015 9:45 am
Operator : GaryK
Sample : cc1085-50
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 10 10:14:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U26139.D\data.ms

(33) 1,1-dichloroethane (P)

7.697min (-0.005) 59.76ppb m

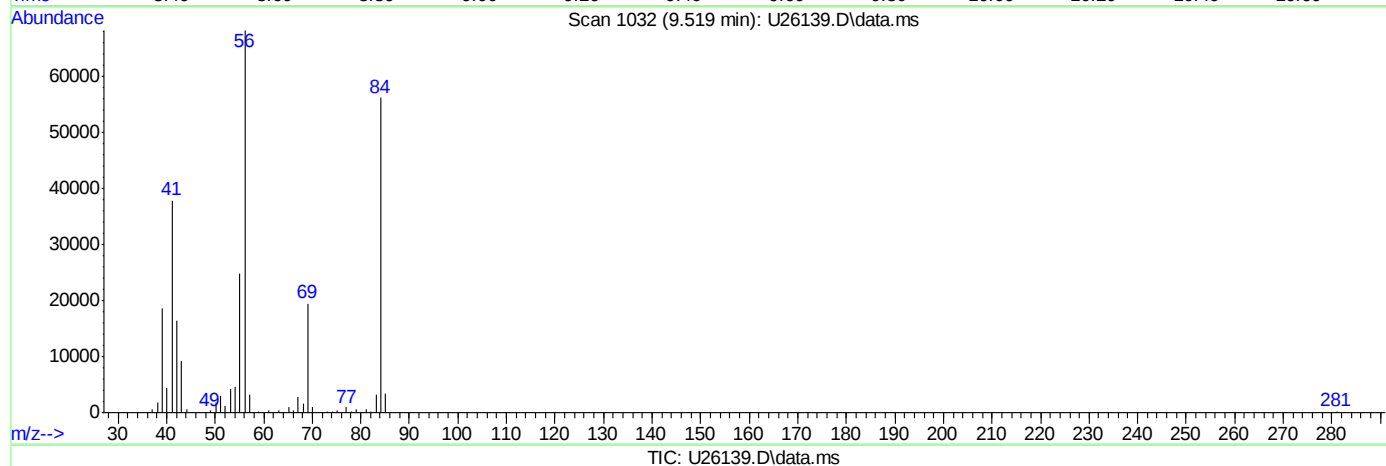
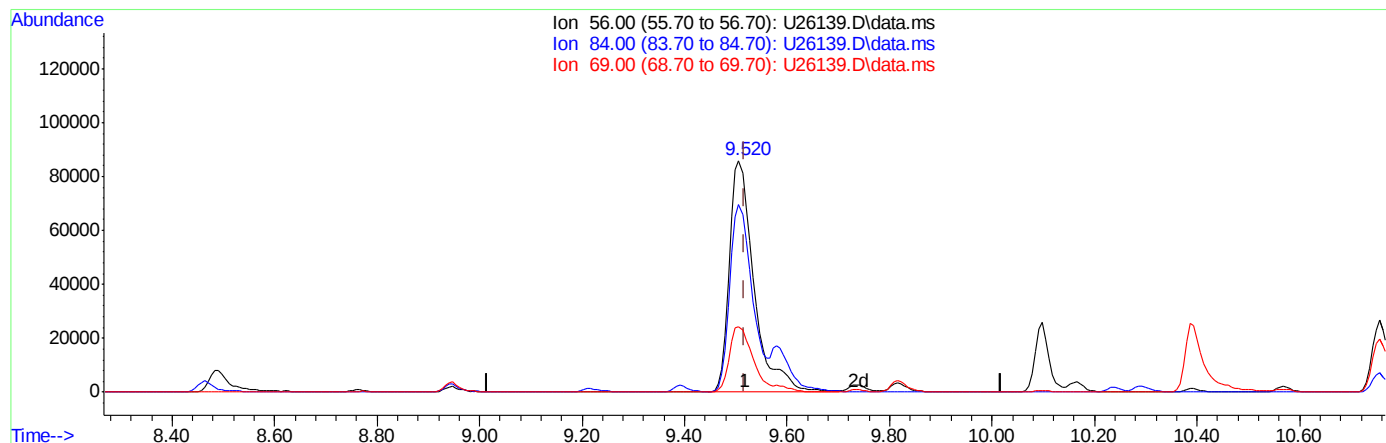
response 241102

Ion	Exp%	Act%
63.00	100	100
65.00	29.70	31.67
83.00	11.80	14.34
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26139.D
Acq On : 10 Feb 2015 9:45 am
Operator : GaryK
Sample : cc1085-50
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 10 10:14:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(44) Cyclohexane (P)

9.520min (+0.003) 62.78ppb

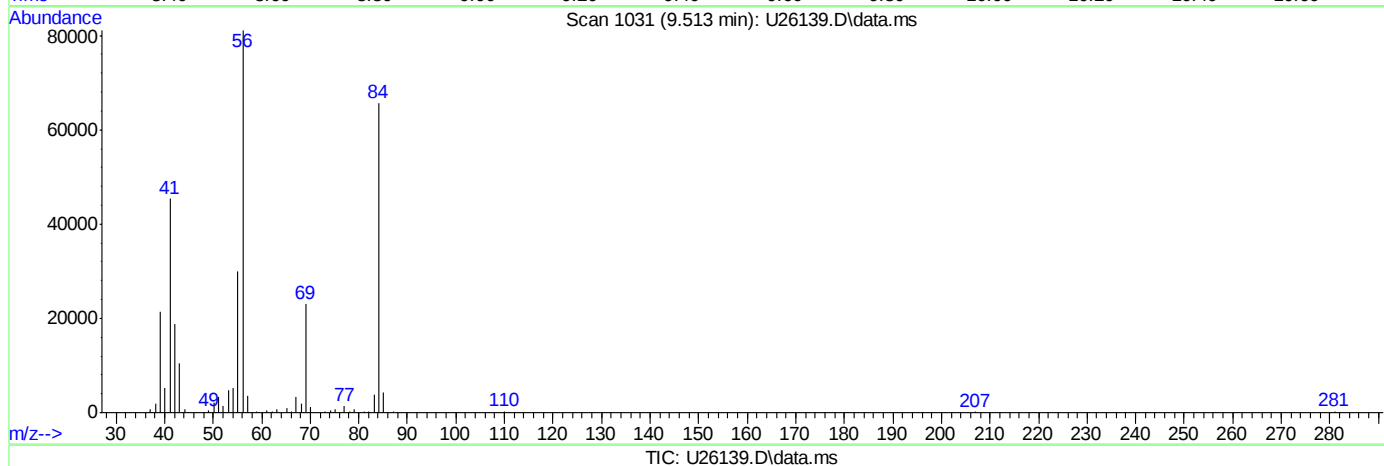
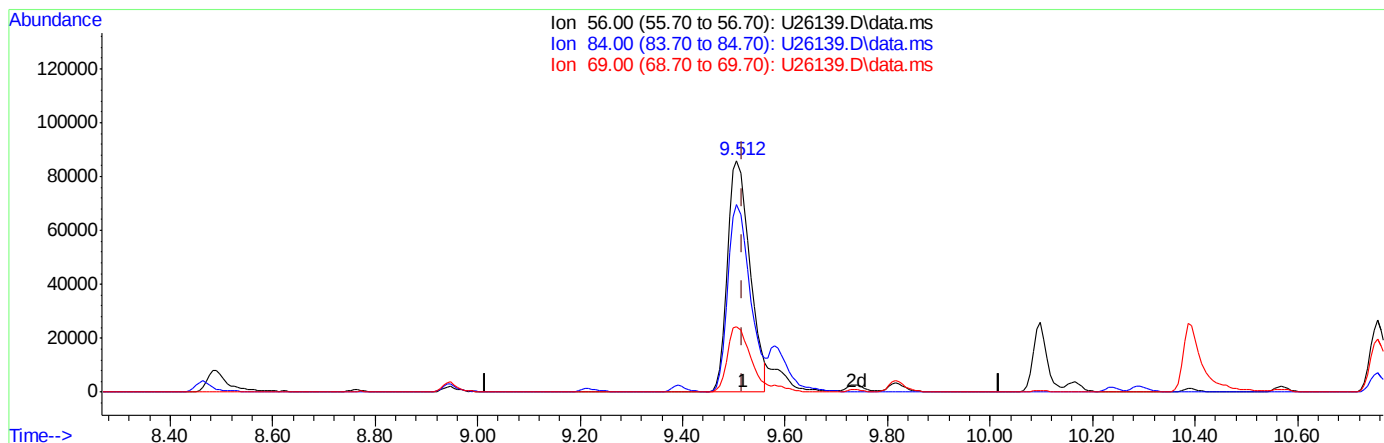
response 283461

Ion	Exp%	Act%
56.00	100	100
84.00	67.70	82.00#
69.00	22.90	28.50#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26139.D
Acq On : 10 Feb 2015 9:45 am
Operator : GaryK
Sample : cc1085-50
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 10 10:14:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(44) Cyclohexane (P)

9.513min (-0.004) 56.83ppb m

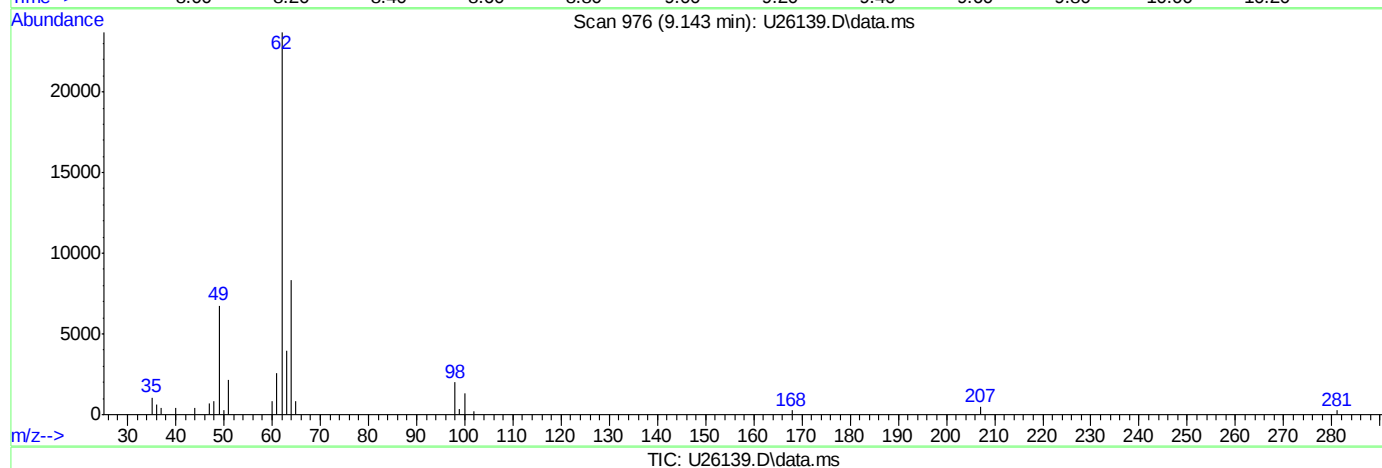
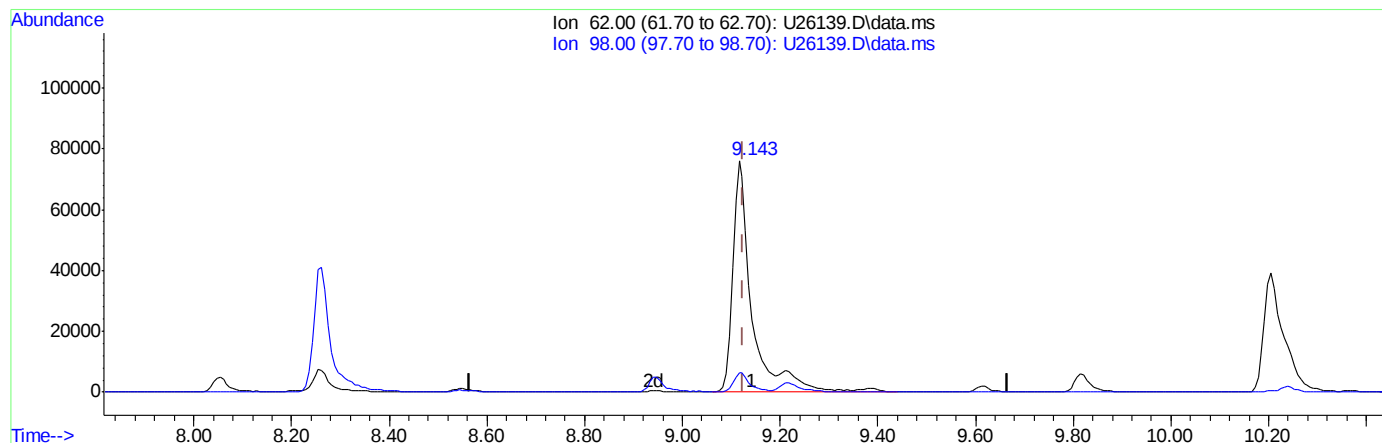
response 256581

Ion	Exp%	Act%
56.00	100	100
84.00	67.70	80.99
69.00	22.90	28.38#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26139.D
Acq On : 10 Feb 2015 9:45 am
Operator : GaryK
Sample : cc1085-50
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 10 10:14:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(48) 1,2-dichloroethane (P)

9.143min (+0.017) 60.21ppb

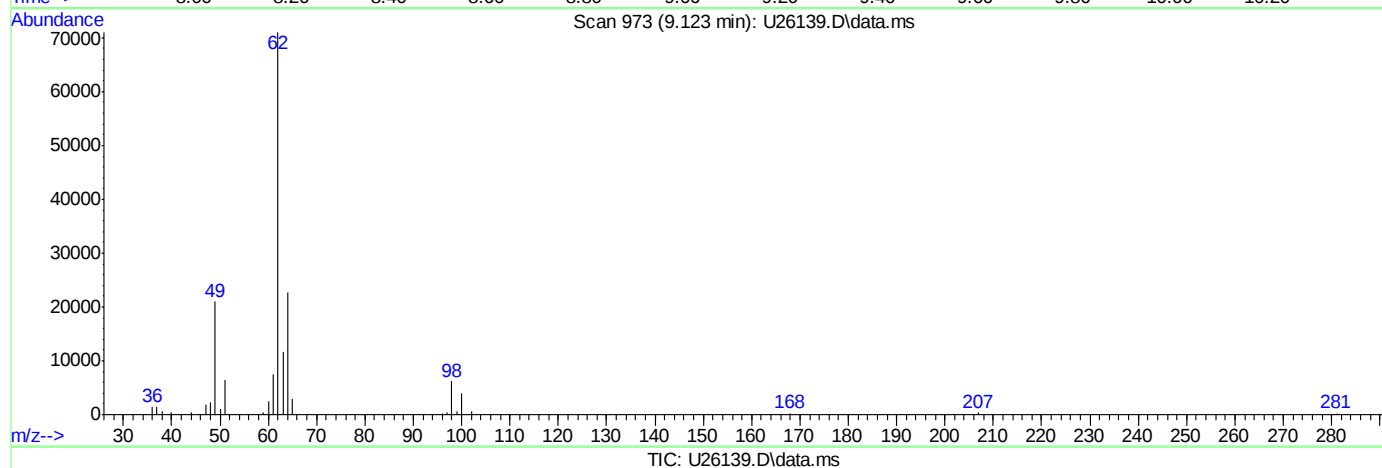
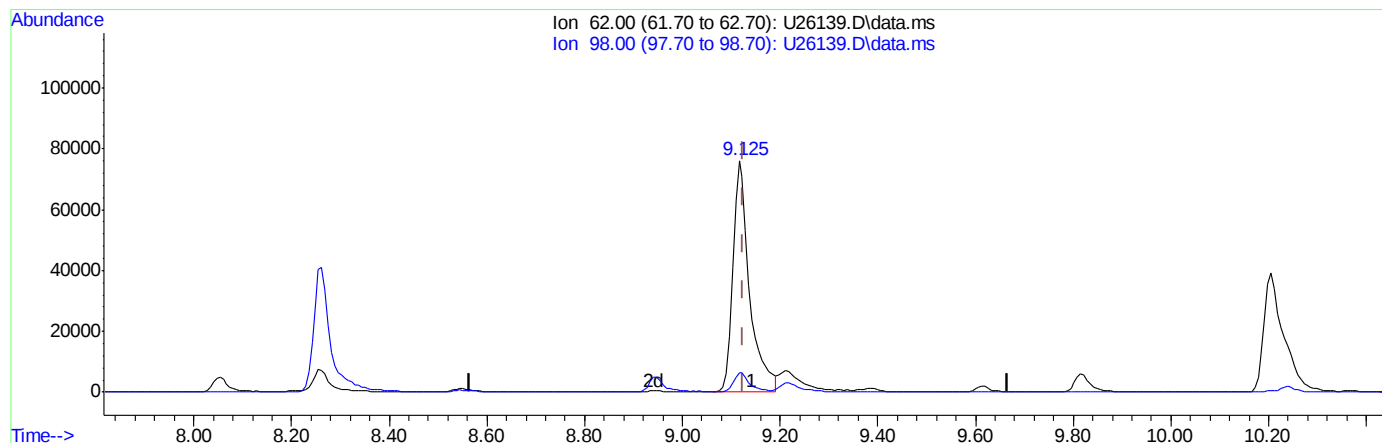
response 214079

Ion	Exp%	Act%
62.00	100	100
98.00	7.60	8.43
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26139.D
Acq On : 10 Feb 2015 9:45 am
Operator : GaryK
Sample : cc1085-50
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 10 10:14:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(48) 1,2-dichloroethane (P)

9.123min (-0.003) 52.05ppb m

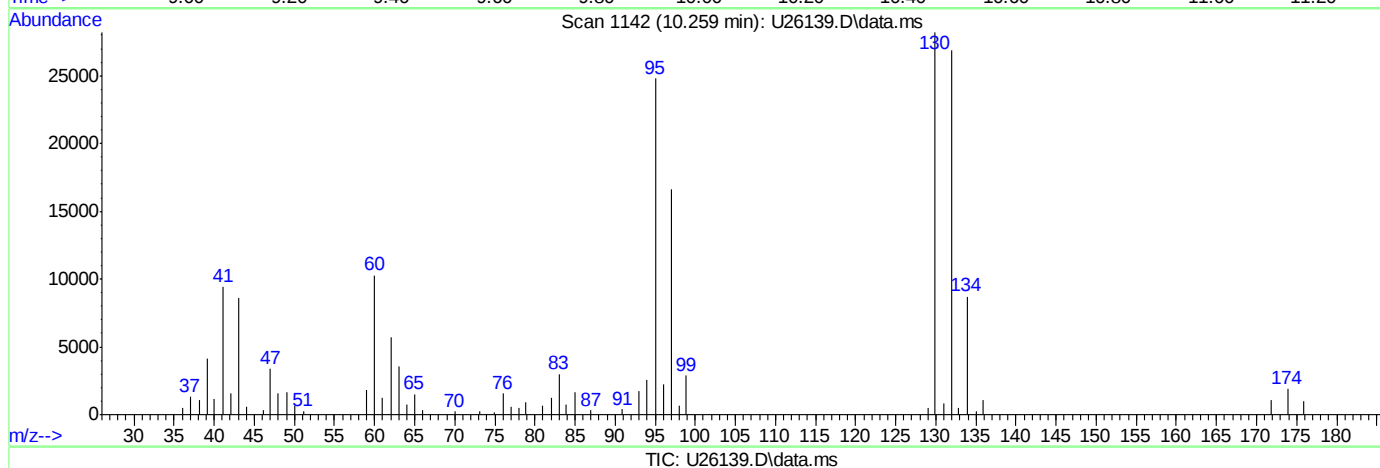
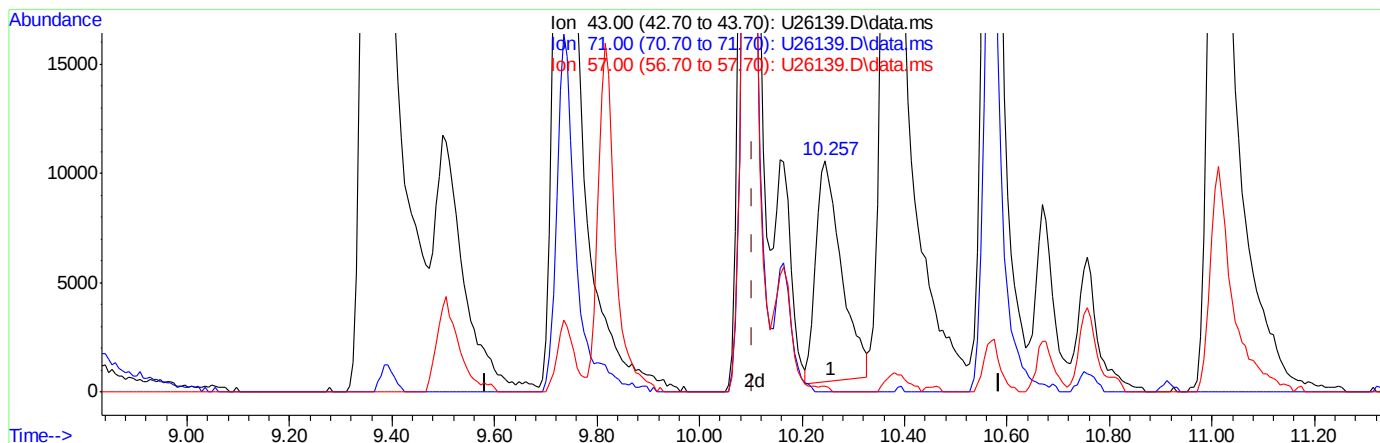
response 185090

Ion	Exp%	Act%
62.00	100	100
98.00	7.60	8.76
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26139.D
Acq On : 10 Feb 2015 9:45 am
Operator : GaryK
Sample : cc1085-50
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 10 10:14:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(50) heptane (P)

10.257min (+0.153) 12.49ppb

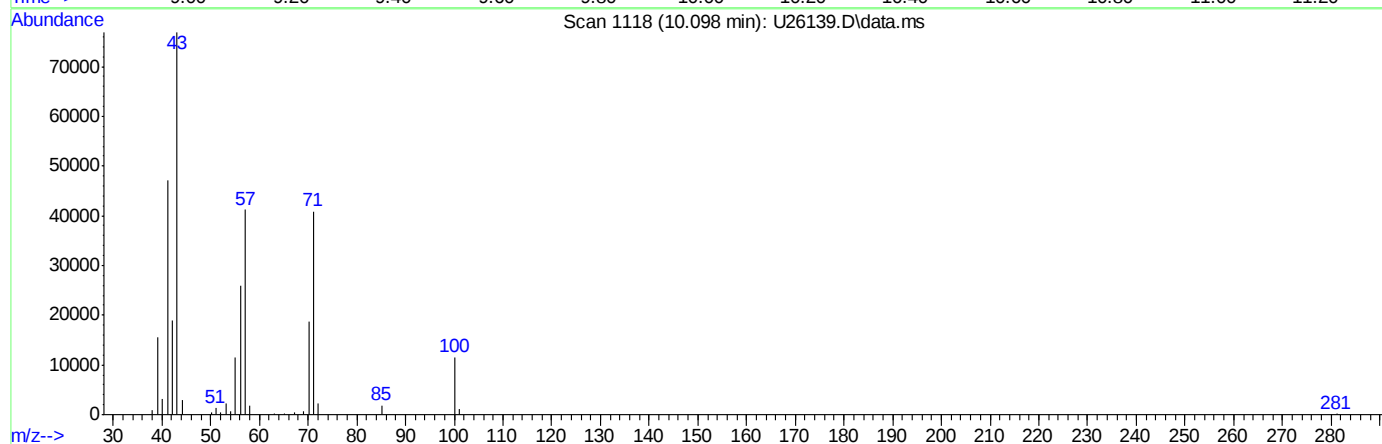
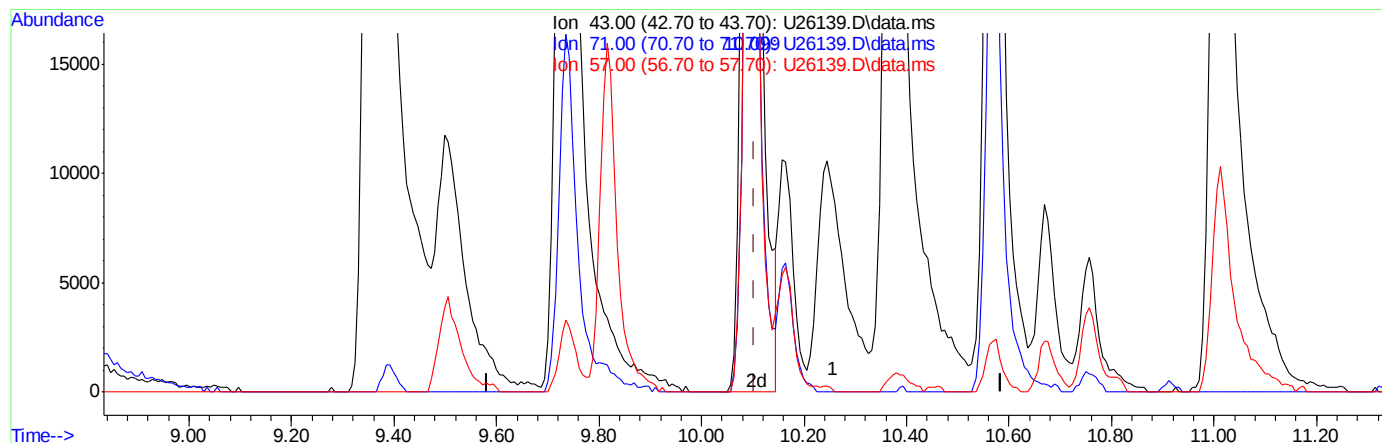
response 34719

Ion	Exp%	Act%
43.00	100	100
71.00	26.10	0.00
57.00	5.80	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26139.D
Acq On : 10 Feb 2015 9:45 am
Operator : GaryK
Sample : cc1085-50
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 10 10:14:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U26139.D\data.ms

(50) heptane (P)

10.098min (-0.006) 54.05ppb m

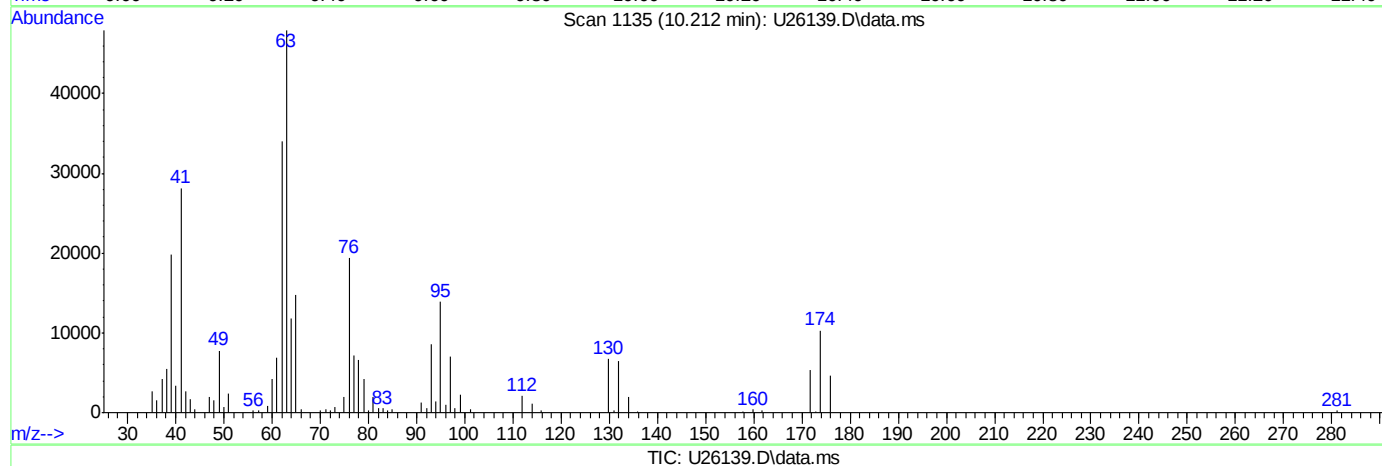
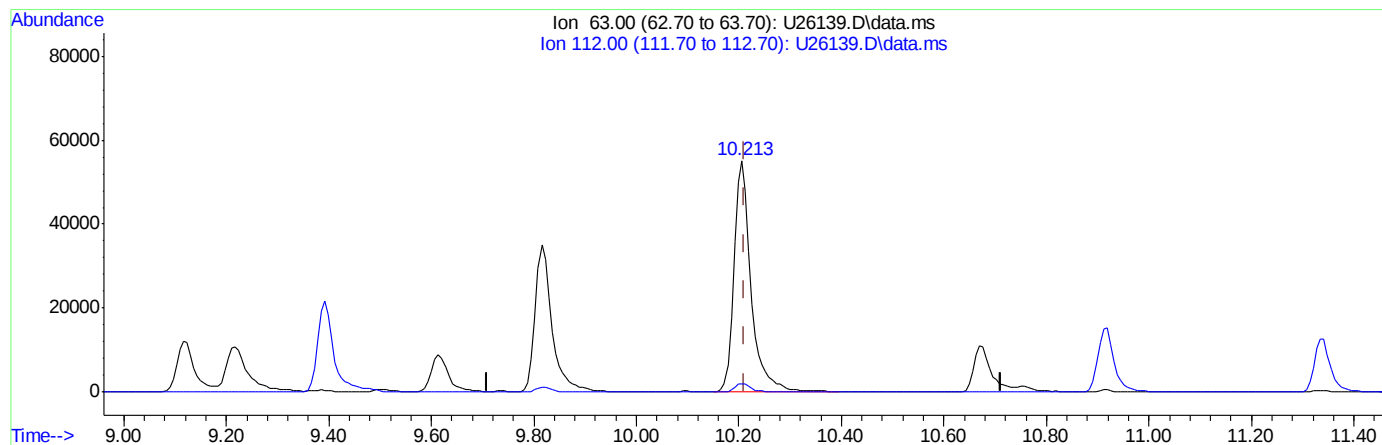
response 150243

Ion	Exp%	Act%
43.00	100	100
71.00	26.10	53.22
57.00	5.80	53.64#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26139.D
Acq On : 10 Feb 2015 9:45 am
Operator : GaryK
Sample : cc1085-50
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 10 10:14:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(52) 1,2-dichloropropane (P)

10.213min (+0.002) 60.56ppb

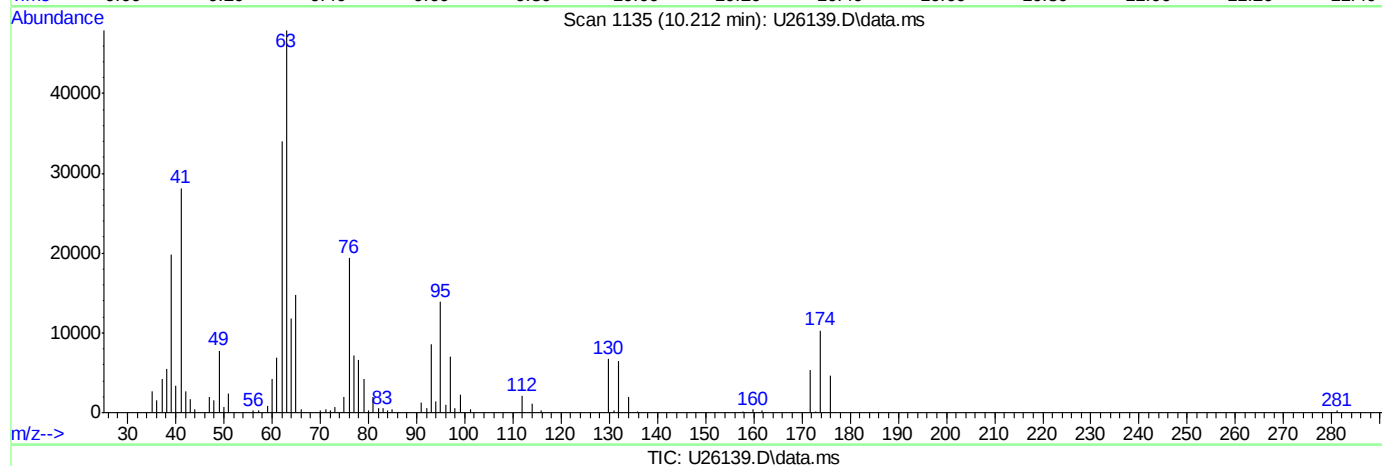
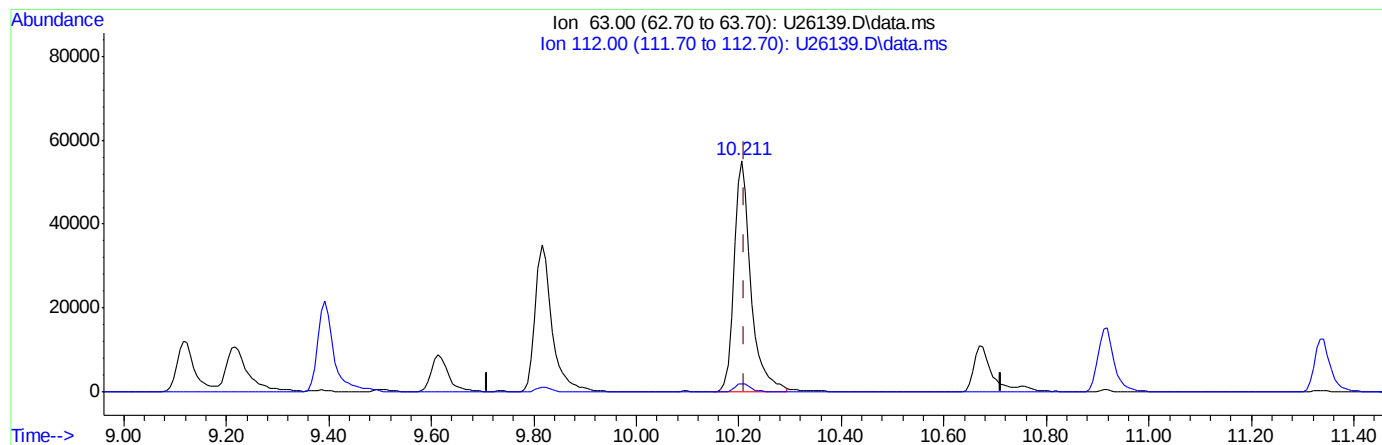
response 129657

Ion	Exp%	Act%
63.00	100	100
112.00	3.10	4.29
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26139.D
Acq On : 10 Feb 2015 9:45 am
Operator : GaryK
Sample : cc1085-50
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 10 10:14:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(52) 1,2-dichloropropane (P)

10.212min (+0.001) 59.57ppb m

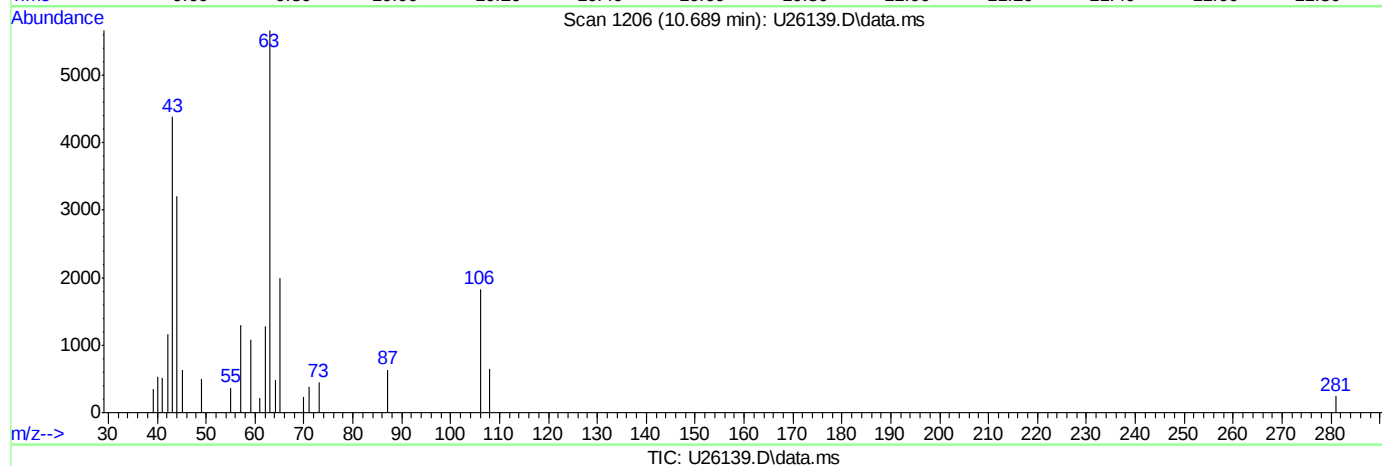
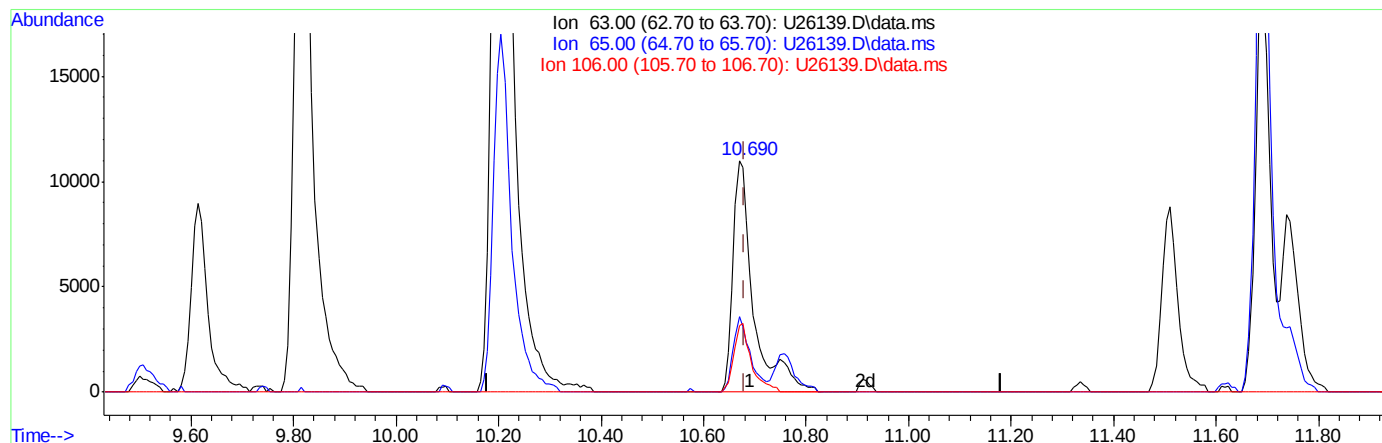
response 127530

Ion	Exp%	Act%
63.00	100	100
112.00	3.10	4.29
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26139.D
Acq On : 10 Feb 2015 9:45 am
Operator : GaryK
Sample : cc1085-50
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 10 10:14:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(56) 2-chloroethyl vinyl ether (P)

10.690min (+0.010) 72.87ppb

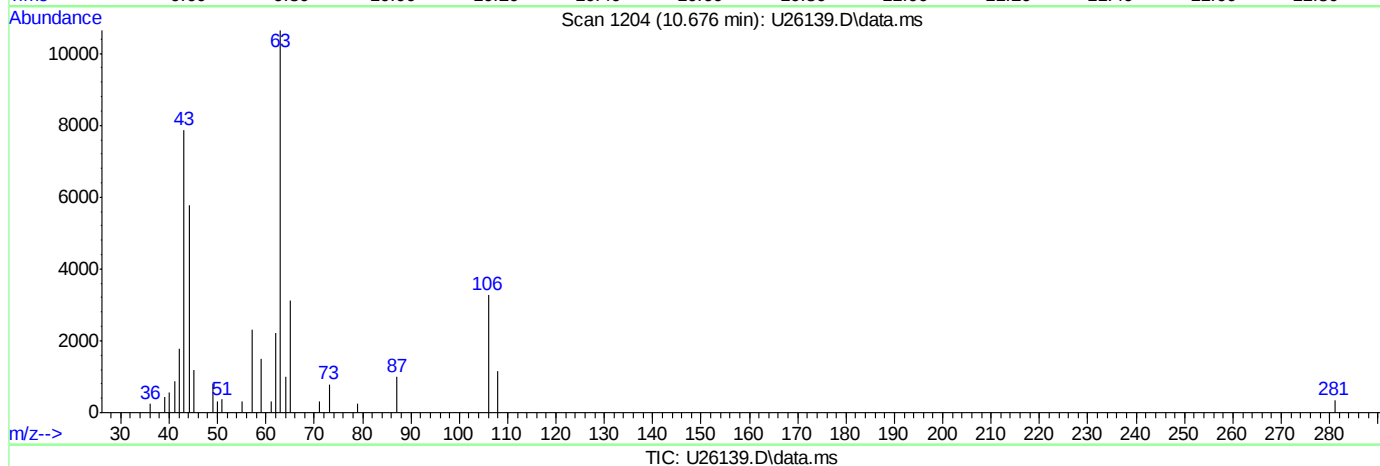
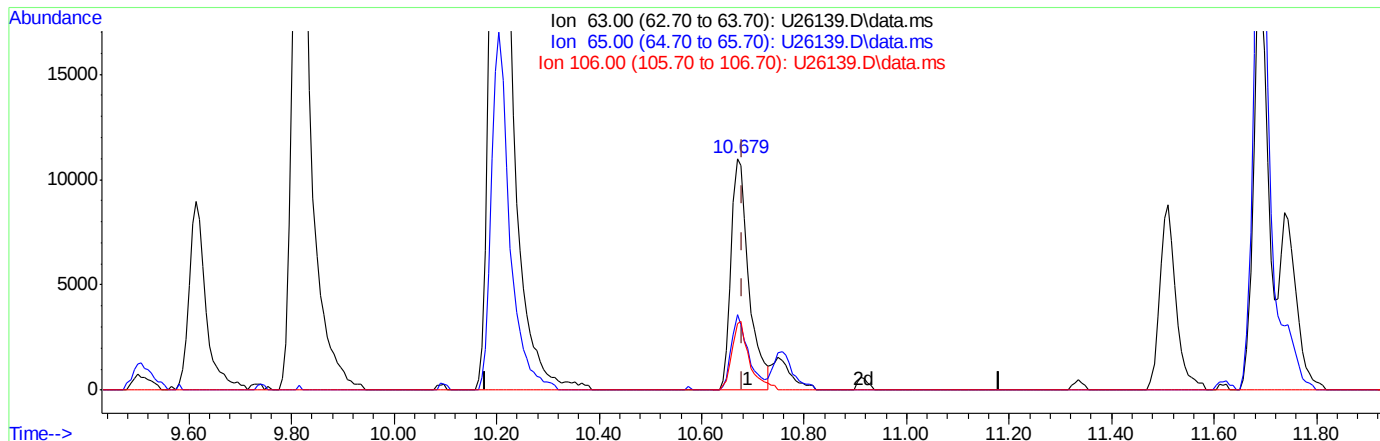
response 29949

Ion	Exp%	Act%
63.00	100	100
65.00	29.80	35.28
106.00	21.20	32.35
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26139.D
Acq On : 10 Feb 2015 9:45 am
Operator : GaryK
Sample : cc1085-50
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 10 10:14:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(56) 2-chloroethyl vinyl ether (P)

10.676min (-0.004) 63.47ppb m

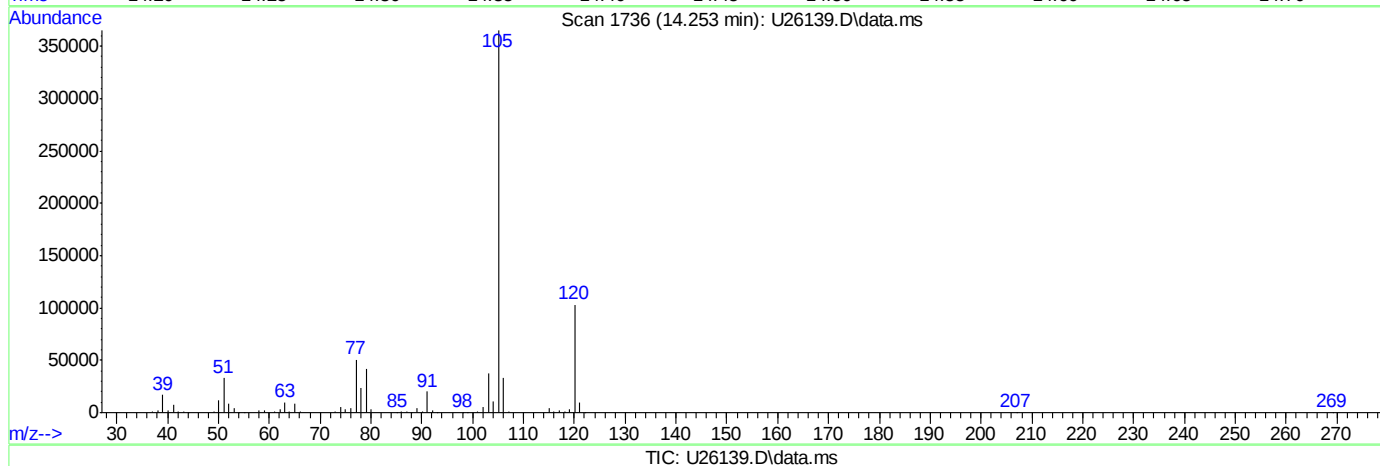
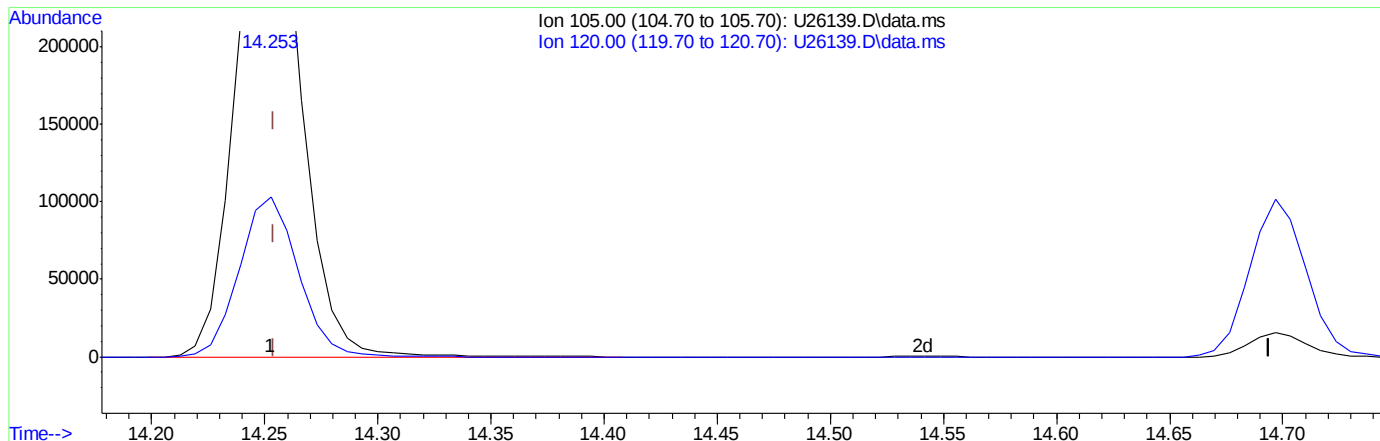
response 25928

Ion	Exp%	Act%
63.00	100	100
65.00	29.80	29.21
106.00	21.20	30.69
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26139.D
Acq On : 10 Feb 2015 9:45 am
Operator : GaryK
Sample : cc1085-50
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 10 10:14:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(81) isopropylbenzene (P)

14.253min (-0.001) 60.06ppb

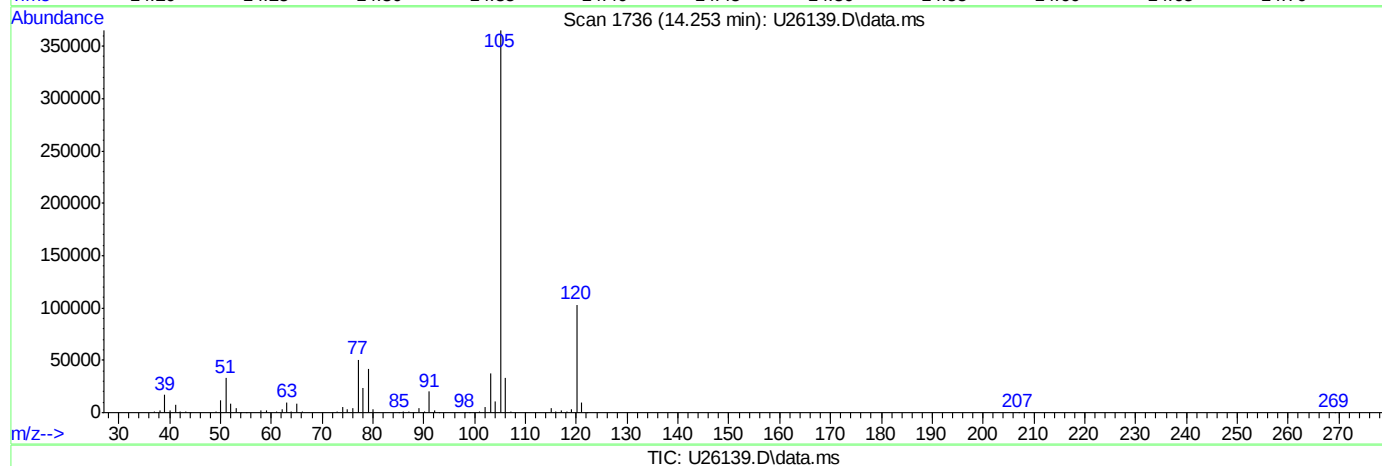
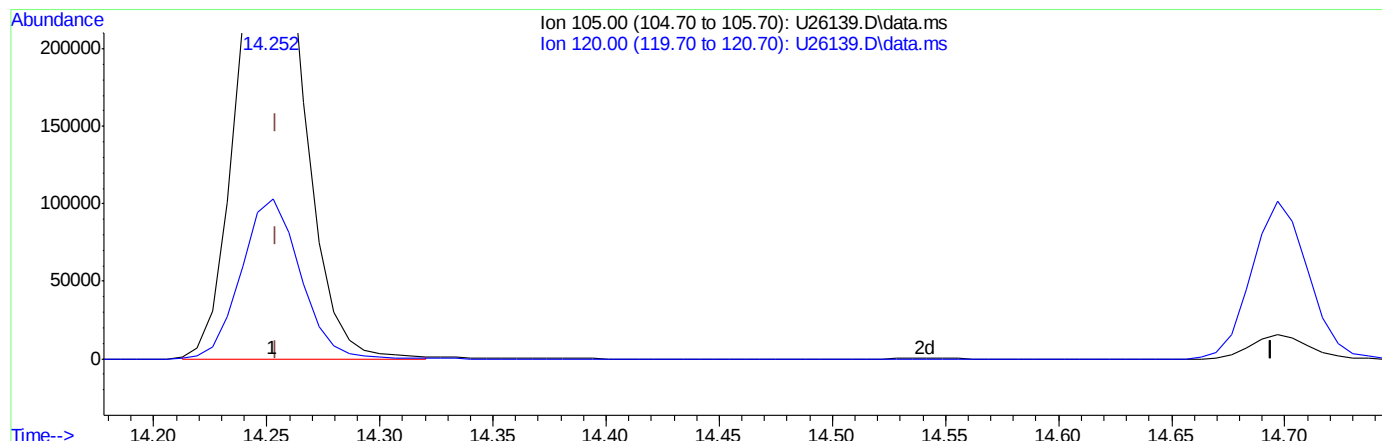
response 667129

Ion	Exp%	Act%
105.00	100	100
120.00	25.80	28.30
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26139.D
Acq On : 10 Feb 2015 9:45 am
Operator : GaryK
Sample : cc1085-50
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 10 10:14:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(81) isopropylbenzene (P)

14.253min (-0.001) 59.85ppb m

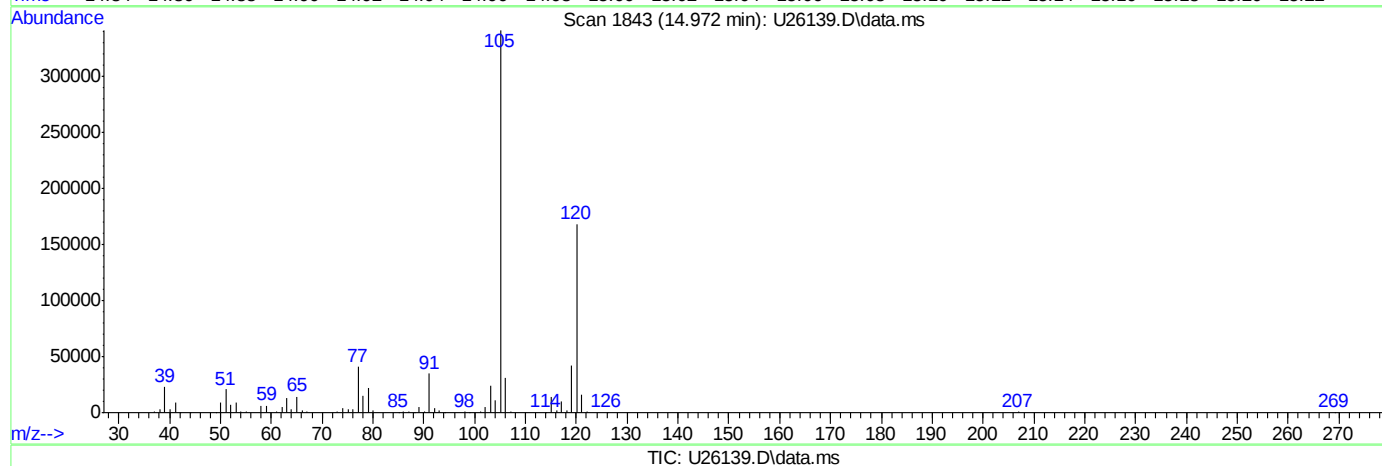
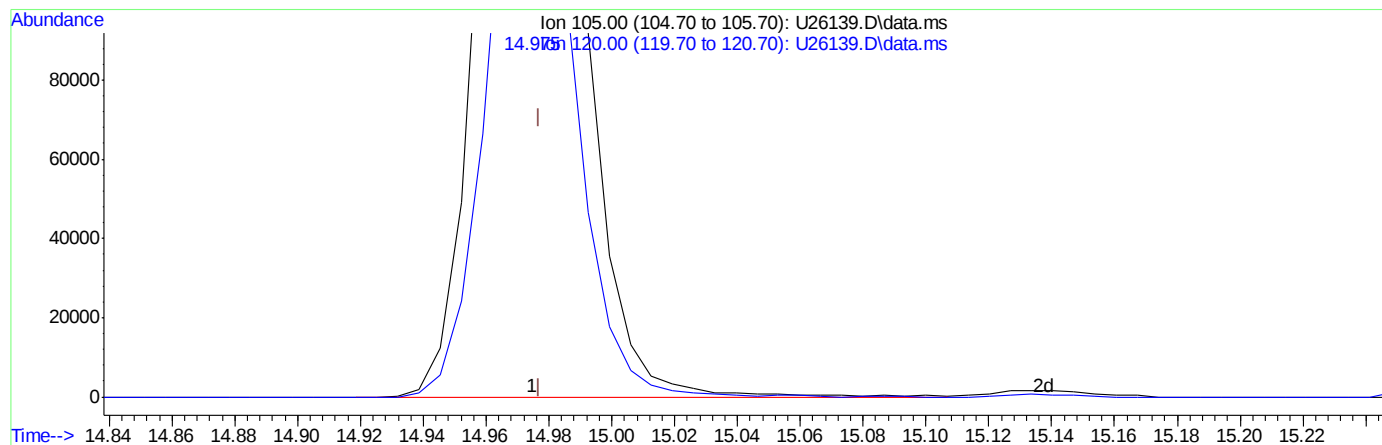
response 664736

Ion	Exp%	Act%
105.00	100	100
120.00	25.80	28.30
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26139.D
Acq On : 10 Feb 2015 9:45 am
Operator : GaryK
Sample : cc1085-50
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 10 10:14:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(89) 1,3,5-trimethylbenzene (P)

14.975min (-0.002) 60.65ppb

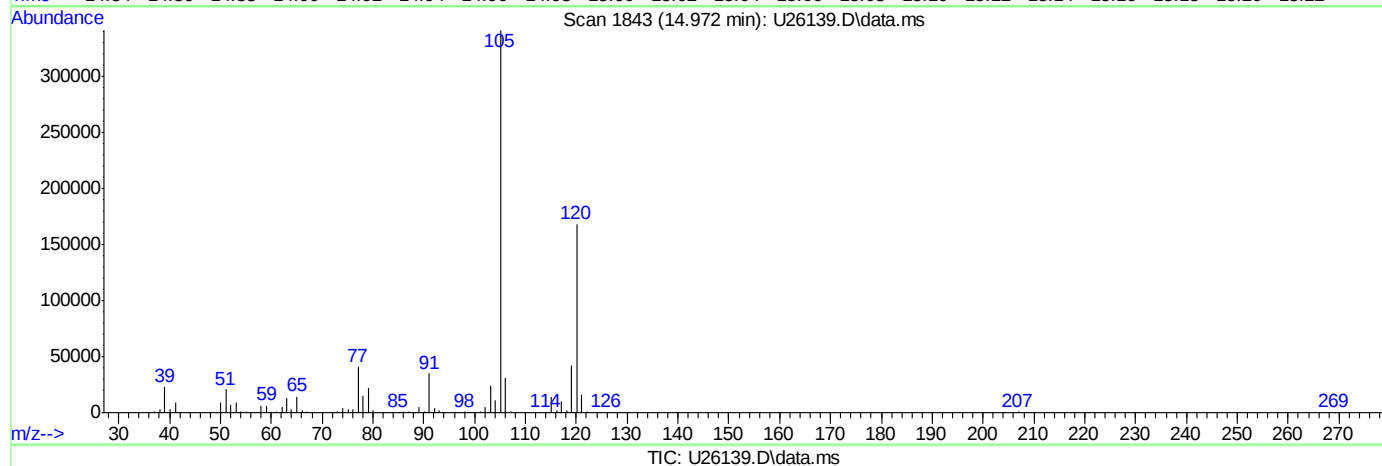
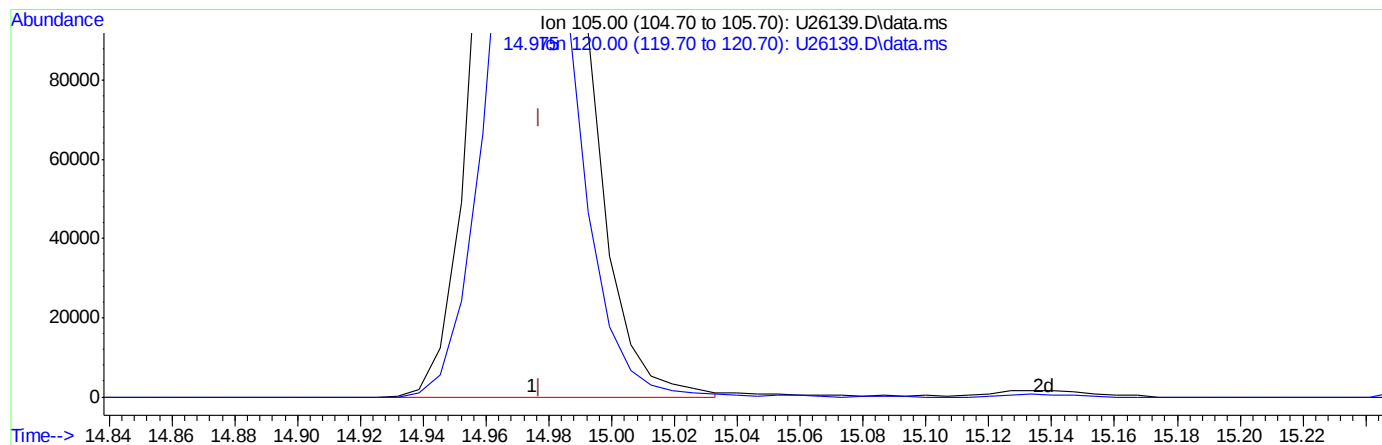
response 592567

Ion	Exp%	Act%
105.00	100	100
120.00	46.10	49.37
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26139.D
Acq On : 10 Feb 2015 9:45 am
Operator : GaryK
Sample : cc1085-50
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 10 10:14:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(89) 1,3,5-trimethylbenzene (P)

14.972min (-0.005) 60.41ppb m

response 590176

Ion	Exp%	Act%
105.00	100	100
120.00	46.10	49.37
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150203\
Data File : k85145.D
Acq On : 3 Feb 2015 10:26 am
Operator : jaimem
Sample : ic2666-0.5
Misc : ms33796,msk2666,10,,100,10,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 03 14:20:31 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Tue Feb 03 14:18:53 2015
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Tert butyl alcohol-d9	6.402	65	32336	500.00	ug/kg	# 0.00
4) pentafluorobenzene	8.769	168	94382	50.00	ug/kg	0.00
44) 1,4-difluorobenzene	9.615	114	133426	50.00	ug/kg	0.00
67) chlorobenzene-d5	12.873	82	50863	50.00	ug/kg	0.00
82) 1,4-dichlorobenzene-d4	15.432	152	70844	50.00	ug/kg	0.00
System Monitoring Compounds						
41) dibromofluoromethane (s)	8.397	113	48845	50.09	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	100.18%		
61) toluene-d8 (s)	11.408	98	138353	47.86	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.72%		
84) bromofluorobenzene (s)	14.092	95	51972	47.28	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.56%		
Target Compounds						
48) benzene	9.416	78	1742	0.57	ug/kg	Qvalue 77
52) trichloroethene	10.052	95	388m	0.43	ug/kg	
63) toluene	11.481	92	1031	0.54	ug/kg	86
68) tetrachloroethene	12.240	166	404m	0.44	ug/kg	
75) ethylbenzene	13.081	91	2106	0.65	ug/kg	84

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

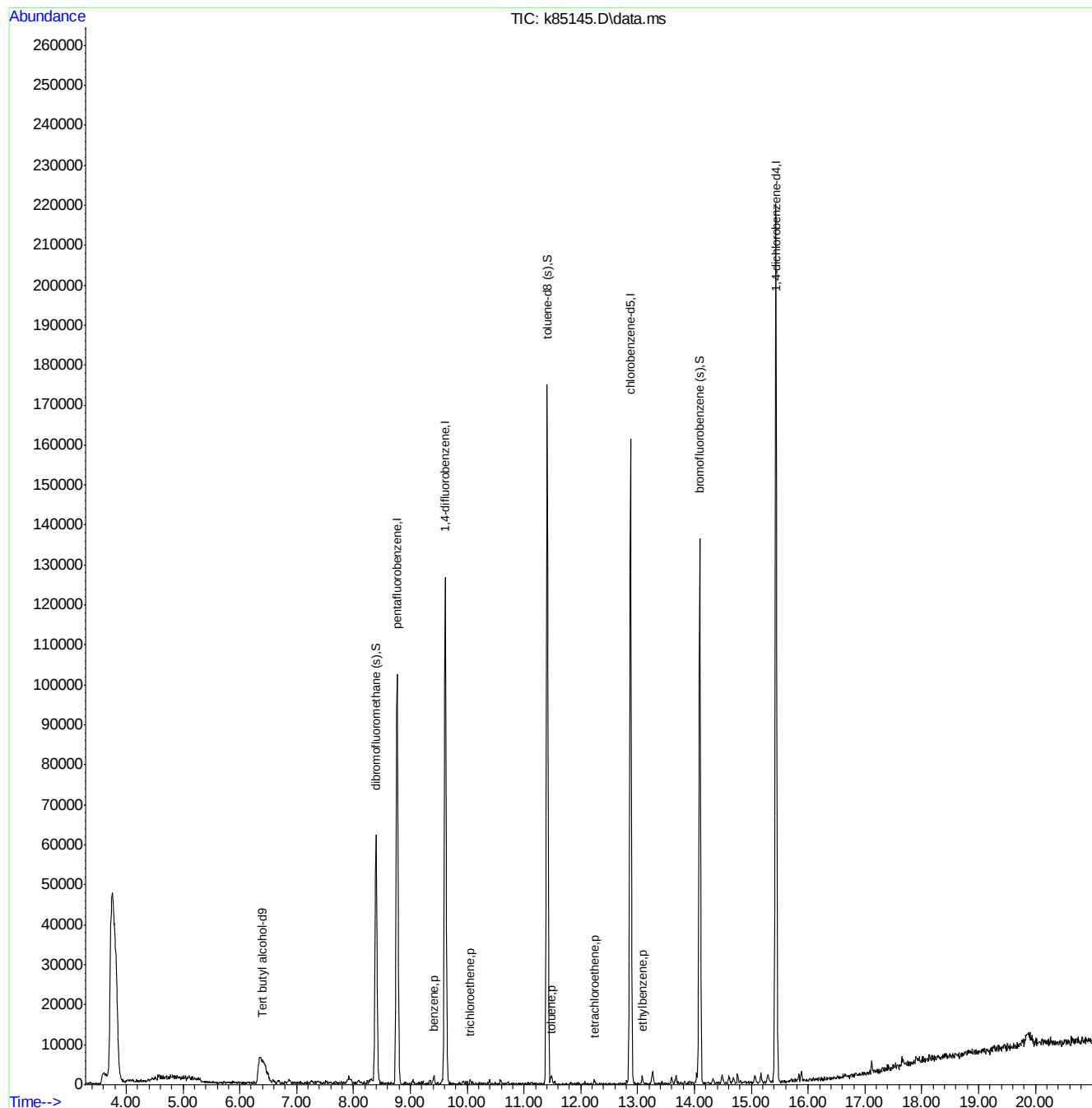
7.6.1

7

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150203\
Data File : k85145.D
Acq On : 3 Feb 2015 10:26 am
Operator : jaimem
Sample : ic2666-0.5
Misc : ms33796,msk2666,10,,100,10,1
ALS Vial : 4 Sample Multiplier: 1

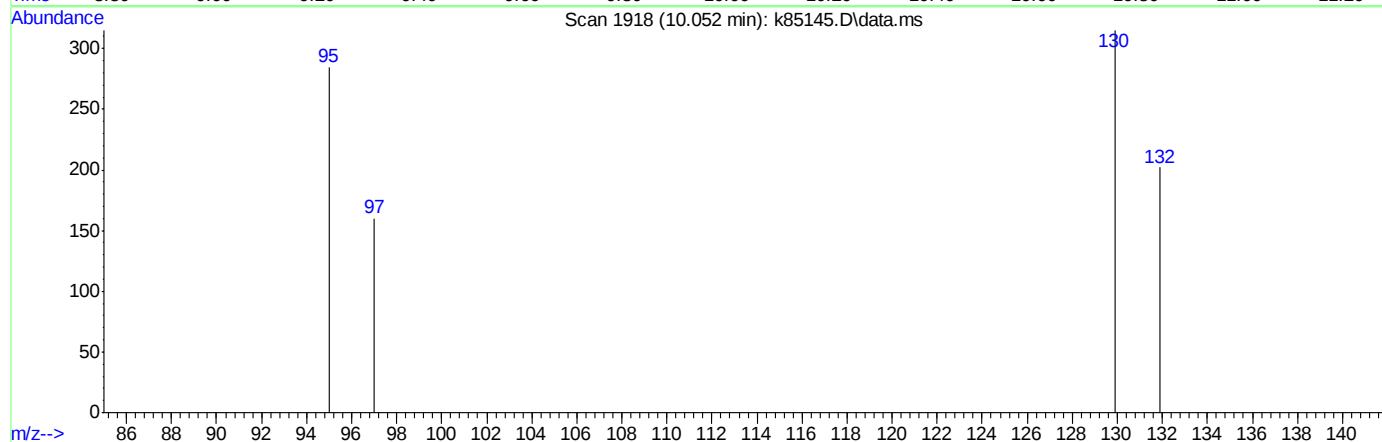
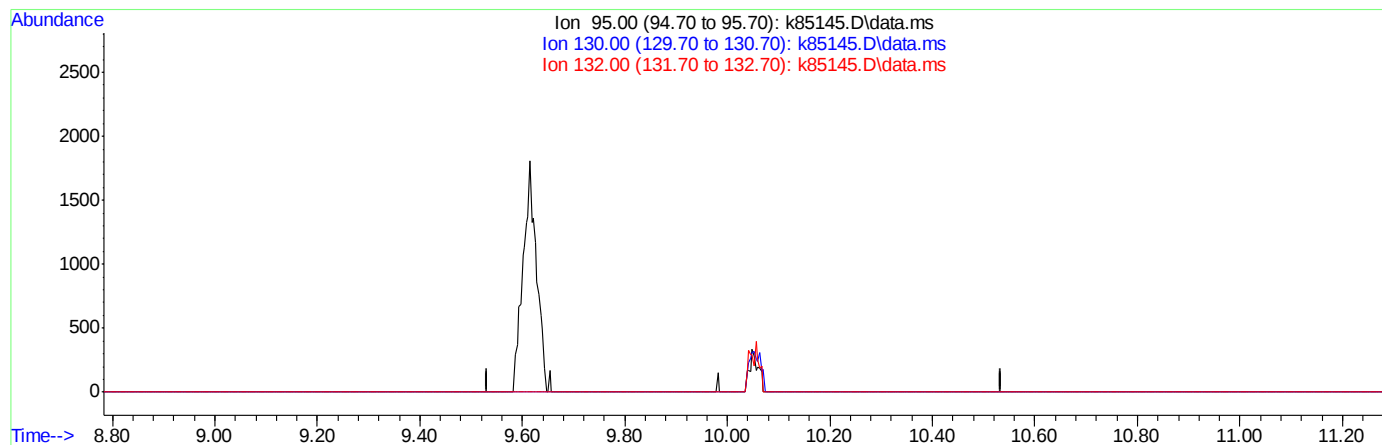
Quant Time: Feb 03 14:20:31 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Tue Feb 03 14:18:53 2015
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150203\
Data File : k85145.D
Acq On : 3 Feb 2015 10:26 am
Operator : jaimem
Sample : ic2666-0.5
Misc : ms33796,msk2666,10,,100,10,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 03 14:19:32 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Tue Feb 03 14:18:53 2015
Response via : Initial Calibration



TIC: k85145.D\data.ms

(52) trichloroethene (p)

10.054min (-10.054) 0.00ug/kg

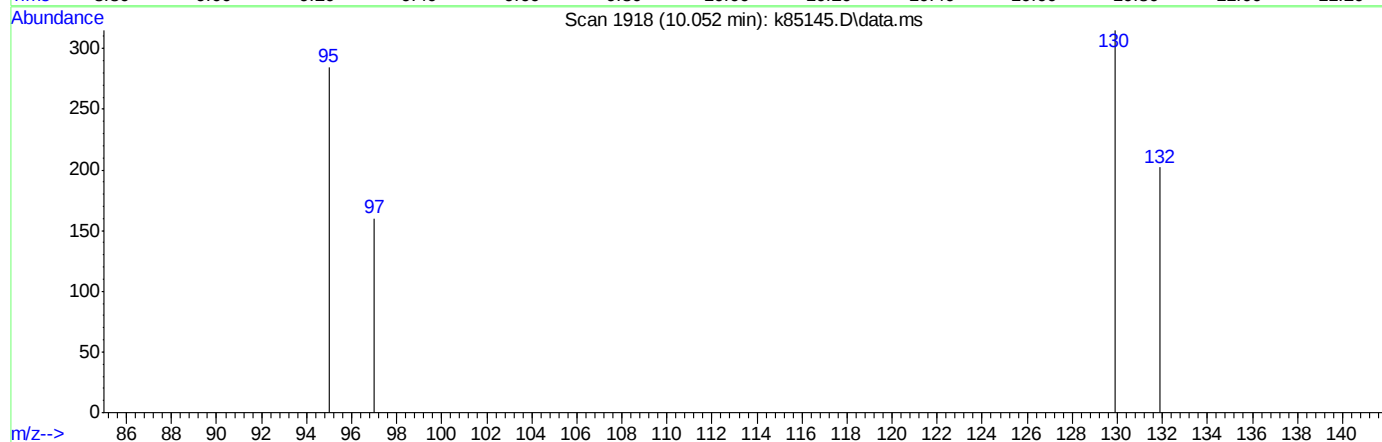
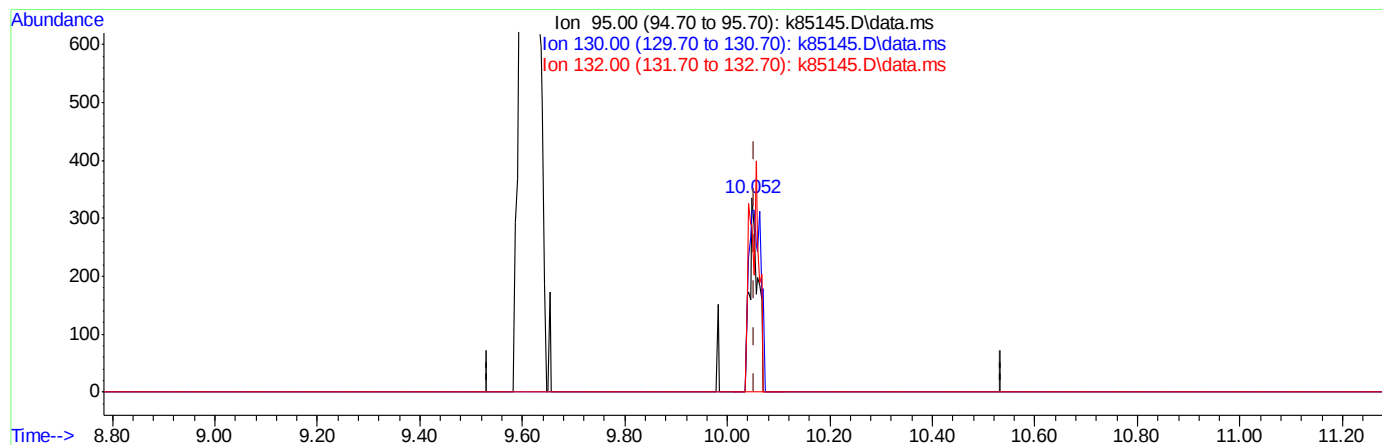
response 0

Ion	Exp%	Act%
95.00	100	0.00
130.00	119.90	0.00#
132.00	120.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150203\
Data File : k85145.D
Acq On : 3 Feb 2015 10:26 am
Operator : jaimem
Sample : ic2666-0.5
Misc : ms33796,msk2666,10,,100,10,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 03 14:19:32 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Tue Feb 03 14:18:53 2015
Response via : Initial Calibration



TIC: k85145.D\data.ms

(52) trichloroethene (p)

10.052min (-0.001) 0.43ug/kg m

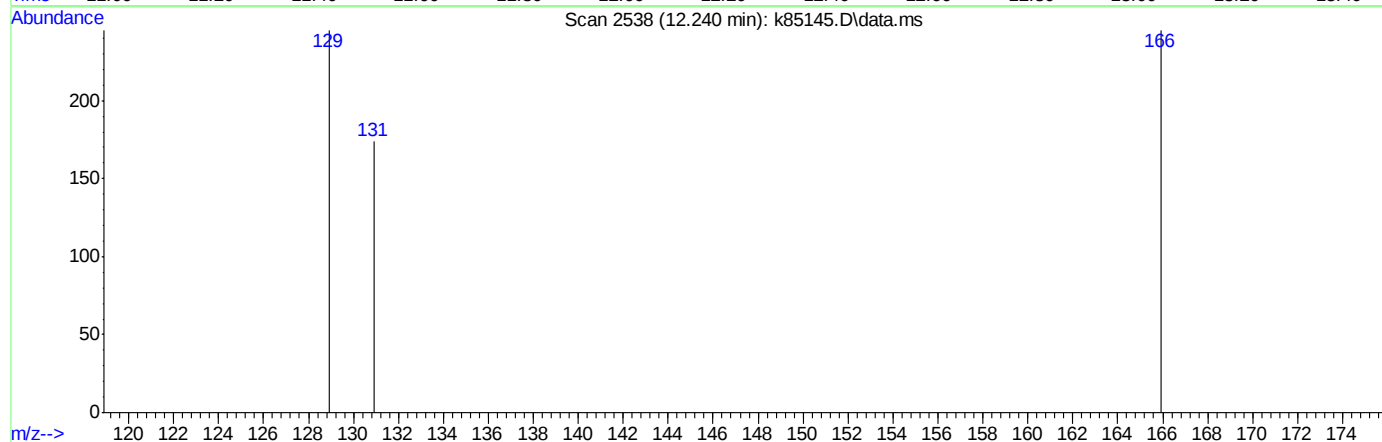
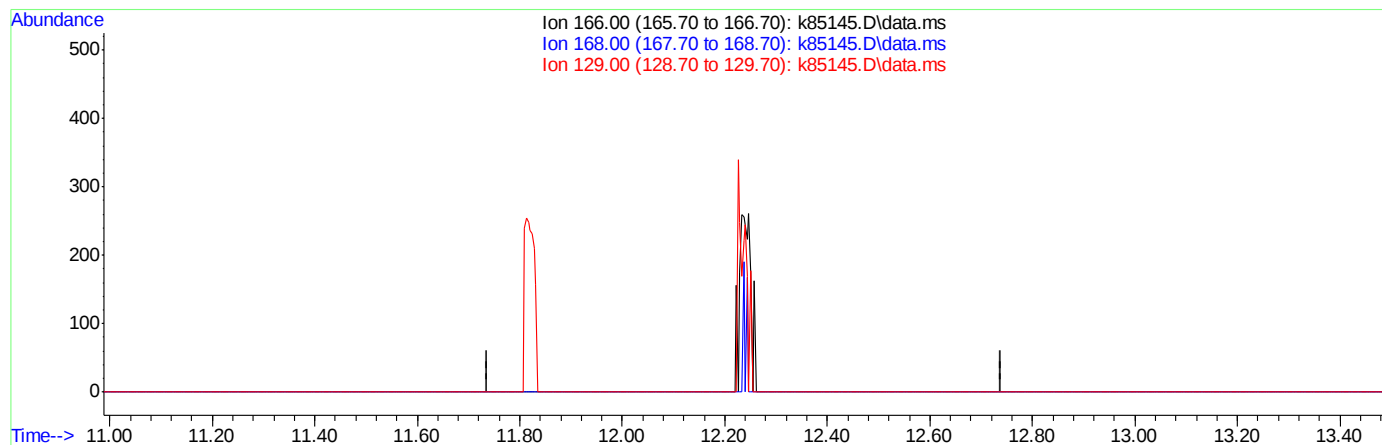
response 388

Ion	Exp%	Act%
95.00	100	100
130.00	119.90	110.53
132.00	120.90	70.88#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150203\
Data File : k85145.D
Acq On : 3 Feb 2015 10:26 am
Operator : jaimem
Sample : ic2666-0.5
Misc : ms33796,msk2666,10,,100,10,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 03 14:19:32 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Tue Feb 03 14:18:53 2015
Response via : Initial Calibration



TIC: k85145.D\data.ms

(68) tetrachloroethene (p)

12.239min (-12.239) 0.00ug/kg

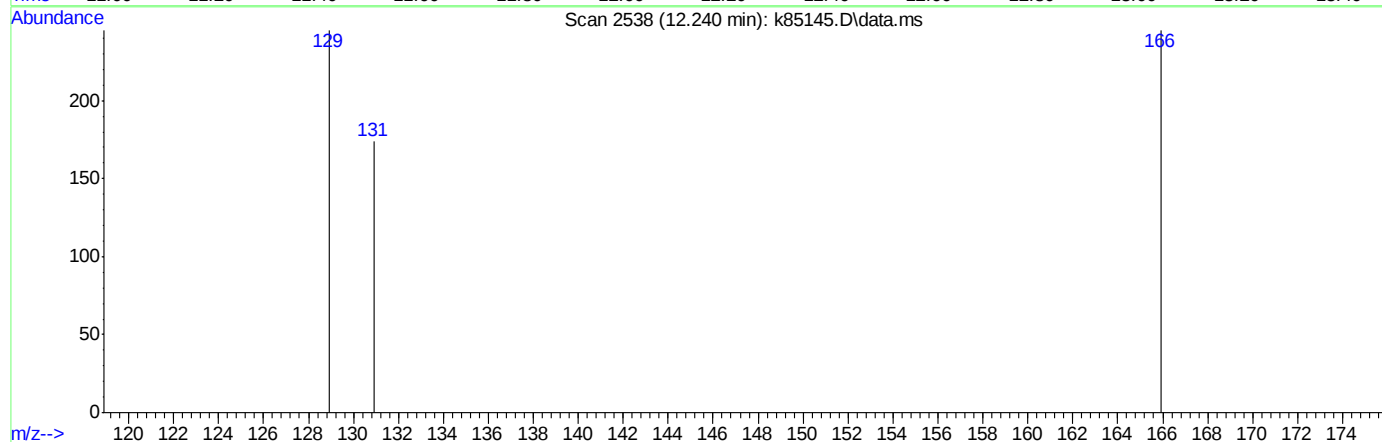
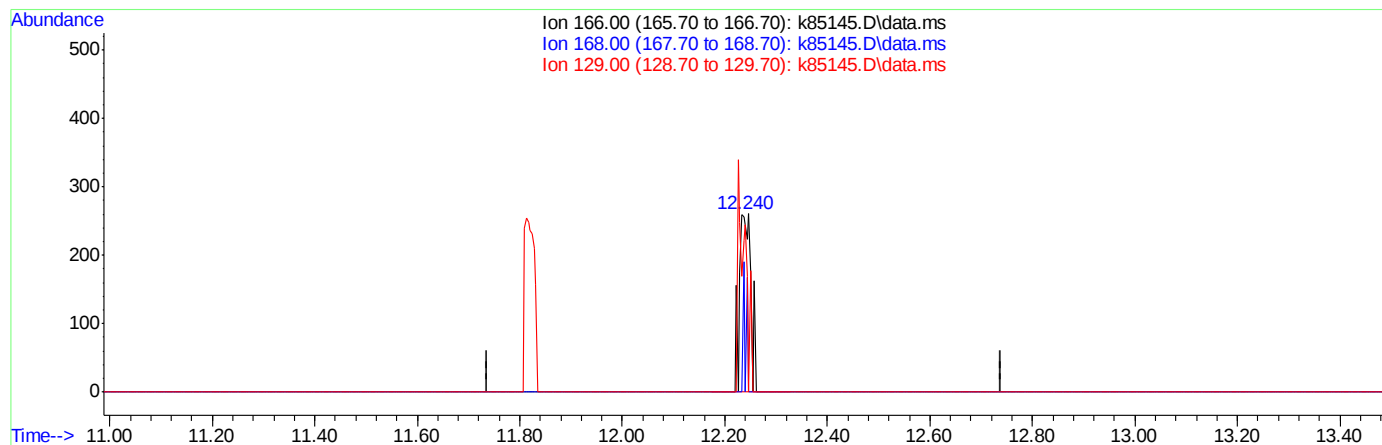
response 0

Ion	Exp%	Act%
166.00	100	0.00
168.00	47.40	0.00#
129.00	73.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150203\
Data File : k85145.D
Acq On : 3 Feb 2015 10:26 am
Operator : jaimem
Sample : ic2666-0.5
Misc : ms33796,msk2666,10,,100,10,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 03 14:19:32 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Tue Feb 03 14:18:53 2015
Response via : Initial Calibration



(68) tetrachloroethene (p)

12.240min (+0.002) 0.44ug/kg m

response 404

Ion	Exp%	Act%
166.00	100	100
168.00	47.40	0.00#
129.00	73.10	100.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150203\
 Data File : k85146.D
 Acq On : 3 Feb 2015 10:54 am
 Operator : jaimem
 Sample : ic2666-1
 Misc : ms33796,msk2666,10,,100,10,1
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 03 14:21:55 2015
 Quant Method : C:\msdchem\1\methods\K150203S.M
 Quant Title : SW-846 Method 8260
 QLast Update : Tue Feb 03 14:20:48 2015
 Response via : Initial Calibration

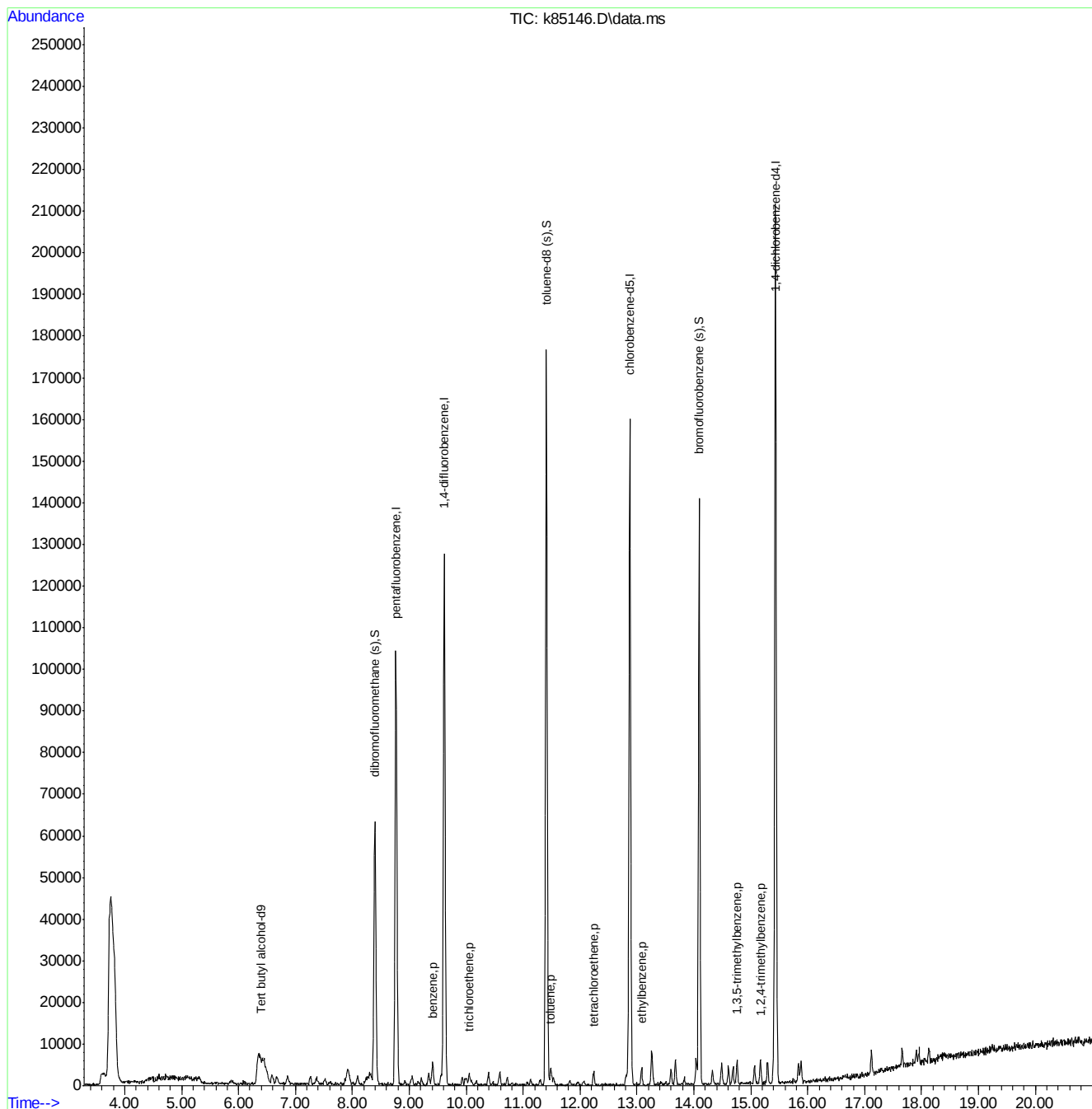
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Tert butyl alcohol-d9	6.403	65	35748	500.00	ug/kg	# 0.00
4) pentafluorobenzene	8.768	168	95885	50.00	ug/kg	0.00
44) 1,4-difluorobenzene	9.616	114	133177	50.00	ug/kg	0.00
67) chlorobenzene-d5	12.874	82	51811	50.00	ug/kg	0.00
82) 1,4-dichlorobenzene-d4	15.432	152	69331	50.00	ug/kg	0.00
System Monitoring Compounds						
41) dibromofluoromethane (s)	8.397	113	48845	49.26	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.52%		
61) toluene-d8 (s)	11.409	98	138651	49.11	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.22%		
84) bromofluorobenzene (s)	14.092	95	52412	50.08	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	100.16%		
Target Compounds						
48) benzene	9.415	78	3966	1.21	ug/kg	Qvalue 76
52) trichloroethene	10.054	95	1060	1.27	ug/kg	93
63) toluene	11.481	92	2312	1.17	ug/kg	83
68) tetrachloroethene	12.239	166	1236	1.40	ug/kg	96
75) ethylbenzene	13.079	91	4067	1.07	ug/kg	88
91) 1,3,5-trimethylbenzene	14.759	105	4178	1.10	ug/kg	86
93) 1,2,4-trimethylbenzene	15.169	105	4469	1.15	ug/kg	97

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150203\
Data File : k85146.D
Acq On : 3 Feb 2015 10:54 am
Operator : jaimem
Sample : ic2666-1
Misc : ms33796,msk2666,10,,100,10,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 03 14:21:55 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Tue Feb 03 14:20:48 2015
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150203\
 Data File : k85147.D
 Acq On : 3 Feb 2015 11:21 am
 Operator : jaimem
 Sample : ic2666-2
 Misc : ms33796,msk2666,10,,100,10,1
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 03 14:26:19 2015
 Quant Method : C:\msdchem\1\methods\K150203S.M
 Quant Title : SW-846 Method 8260
 QLast Update : Tue Feb 03 14:22:09 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Tert butyl alcohol-d9	6.403	65	37330	500.00	ug/kg	# 0.00
4) pentafluorobenzene	8.769	168	98514	50.00	ug/kg	0.00
44) 1,4-difluorobenzene	9.616	114	139252	50.00	ug/kg	0.00
67) chlorobenzene-d5	12.874	82	54292	50.00	ug/kg	0.00
82) 1,4-dichlorobenzene-d4	15.432	152	70760	50.00	ug/kg	0.00
System Monitoring Compounds						
41) dibromofluoromethane (s)	8.398	113	51546	50.85	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	101.70%		
61) toluene-d8 (s)	11.409	98	144094	49.10	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.20%		
84) bromofluorobenzene (s)	14.092	95	53476	50.04	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	100.08%		
Target Compounds						
						Qvalue
3) Ethanol	5.316	45	1816m	178.16	ug/kg	
5) dichlorodifluoromethane	4.206	85	1030	0.99	ug/kg	45
7) vinyl chloride	4.614	62	888m	1.57	ug/kg	
8) bromomethane	5.114	96	2172	1.91	ug/kg	75
13) trichlorofluoromethane	5.885	101	2456	1.96	ug/kg	73
16) 1,1-dichloroethene	6.452	96	2122	2.36	ug/kg	98
19) methylene chloride	6.593	84	2301	2.24	ug/kg#	81
20) methyl tert butyl ether	7.376	73	4502	2.16	ug/kg	88
23) trans-1,2-dichloroethene	7.265	96	2416	2.41	ug/kg#	69
29) di-isopropyl ether	7.937	45	5954	2.25	ug/kg	80
33) 1,1-dichloroethane	7.522	63	3475	2.19	ug/kg	90
34) tert-butyl ethyl ether	8.327	59	5731	2.36	ug/kg	90
37) cis-1,2-dichloroethene	8.095	96	2218	2.07	ug/kg	90
40) chloroform	8.286	83	4012	2.44	ug/kg	90
43) 1,1,1-trichloroethane	9.043	97	3422	2.14	ug/kg	92
46) carbon tetrachloride	9.404	117	3764	2.37	ug/kg	91
48) benzene	9.415	78	7584	2.07	ug/kg	86
49) 1,2-dichloroethane	8.922	62	2340	2.07	ug/kg	80
52) trichloroethene	10.053	95	2185	2.29	ug/kg	87
53) 1,2-dichloropropane	10.006	63	1667	2.07	ug/kg	84
55) bromodichloromethane	10.092	83	2234	1.89	ug/kg	88
60) cis-1,3-dichloropropene	10.719	75	2569	2.08	ug/kg	95
63) toluene	11.481	92	4132	1.89	ug/kg	98
64) trans-1,3-dichloropropene	11.133	75	2161	2.03	ug/kg	81
65) 1,1,2-trichloroethane	11.302	83	1203	2.10	ug/kg	95
68) tetrachloroethene	12.239	166	2209	2.11	ug/kg	87
70) dibromochloromethane	11.820	129	2000	2.08	ug/kg	93
71) 1,2-dibromoethane	12.069	107	1603	2.25	ug/kg	81
73) chlorobenzene	12.908	112	5311	2.37	ug/kg	95
75) ethylbenzene	13.080	91	8179	2.01	ug/kg	89
76) m,p-xylene	13.263	106	6403	4.52	ug/kg#	77
77) o-xylene	13.675	106	3576	2.29	ug/kg	88
79) bromoform	13.418	173	1106	1.88	ug/kg	94
86) 1,1,2,2-tetrachloroethane	13.687	83	1930	2.06	ug/kg	83

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150203\
Data File : k85147.D
Acq On : 3 Feb 2015 11:21 am
Operator : jaimem
Sample : ic2666-2
Misc : ms33796,msk2666,10,,100,10,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 03 14:26:19 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Tue Feb 03 14:22:09 2015
Response via : Initial Calibration

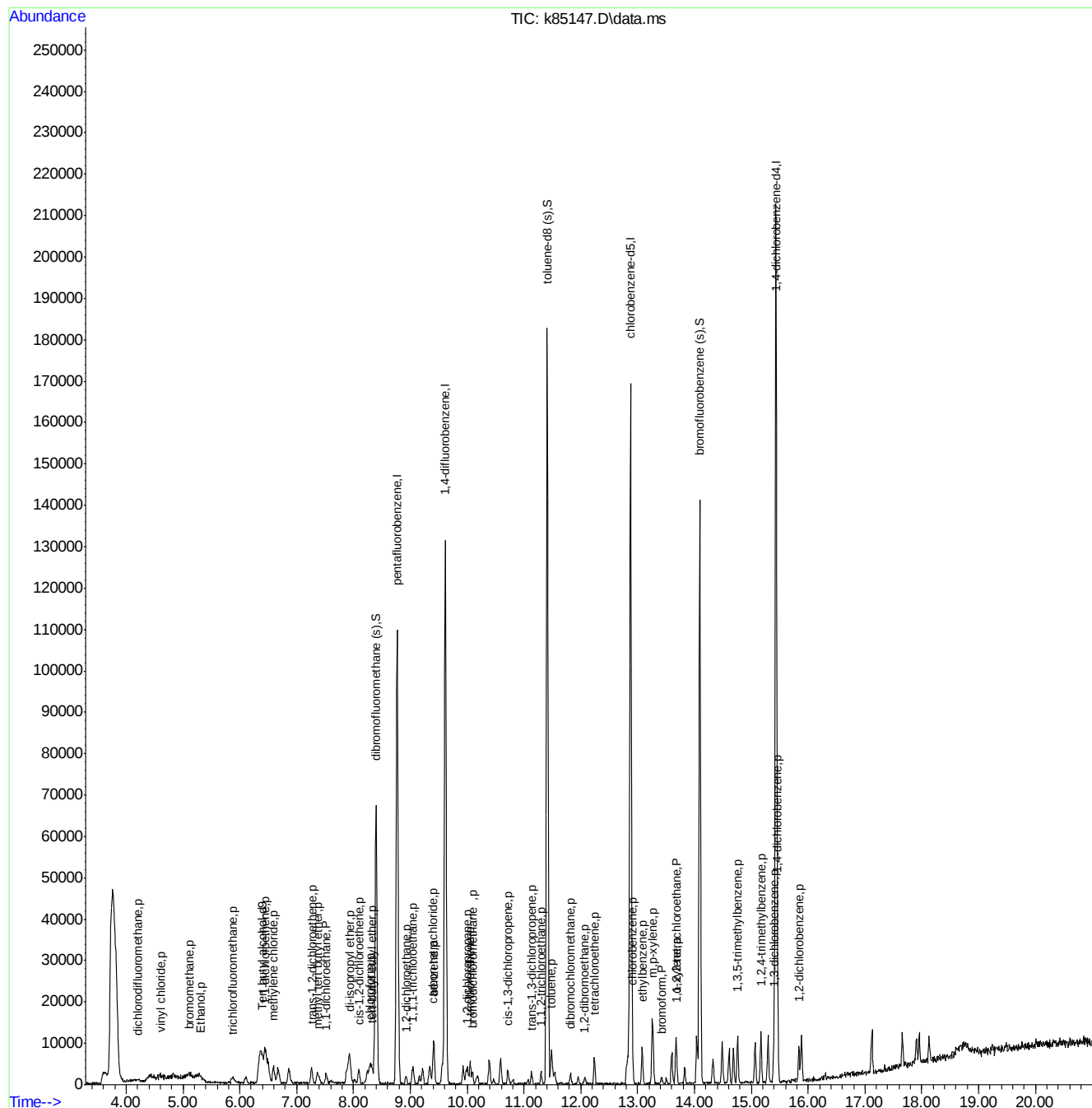
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,3,5-trimethylbenzene	14.759	105	7954	1.96	ug/kg	80
93) 1,2,4-trimethylbenzene	15.169	105	8295	1.94	ug/kg	95
95) 1,3-dichlorobenzene	15.397	146	4951	2.15	ug/kg	90
97) 1,4-dichlorobenzene	15.459	146	4924	2.17	ug/kg	94
98) 1,2-dichlorobenzene	15.838	146	4810	2.01	ug/kg	89

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150203\
Data File : k85147.D
Acq On : 3 Feb 2015 11:21 am
Operator : jaimem
Sample : ic2666-2
Misc : ms33796,msk2666,10,,100,10,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 03 14:26:19 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Tue Feb 03 14:22:09 2015
Response via : Initial Calibration



K150203S.M Tue Feb 03 15:10:36 2015

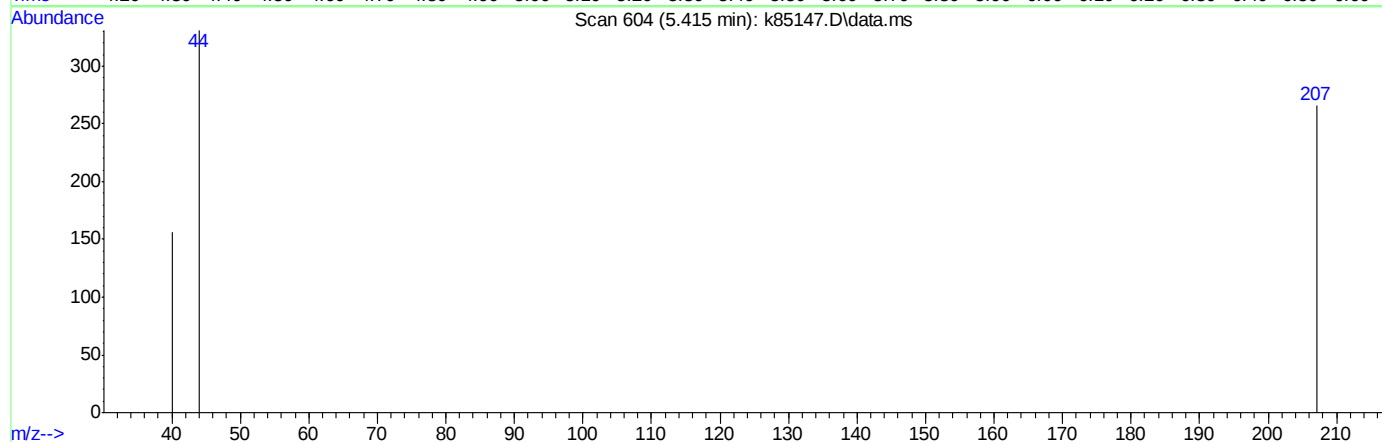
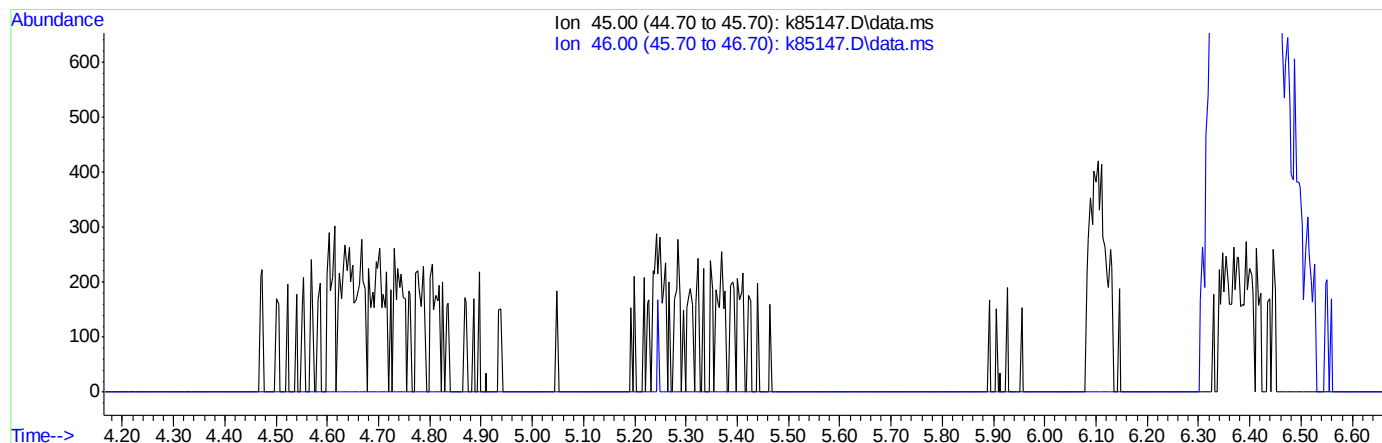
Page: 3

7.6.3

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150203\
Data File : k85147.D
Acq On : 3 Feb 2015 11:21 am
Operator : jaimem
Sample : ic2666-2
Misc : ms33796,msk2666,10,,100,10,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 03 14:22:43 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Tue Feb 03 14:22:09 2015
Response via : Initial Calibration



TIC: k85147.D\data.ms

(3) Ethanol (p)

5.414min (-5.414) 0.00ug/kg

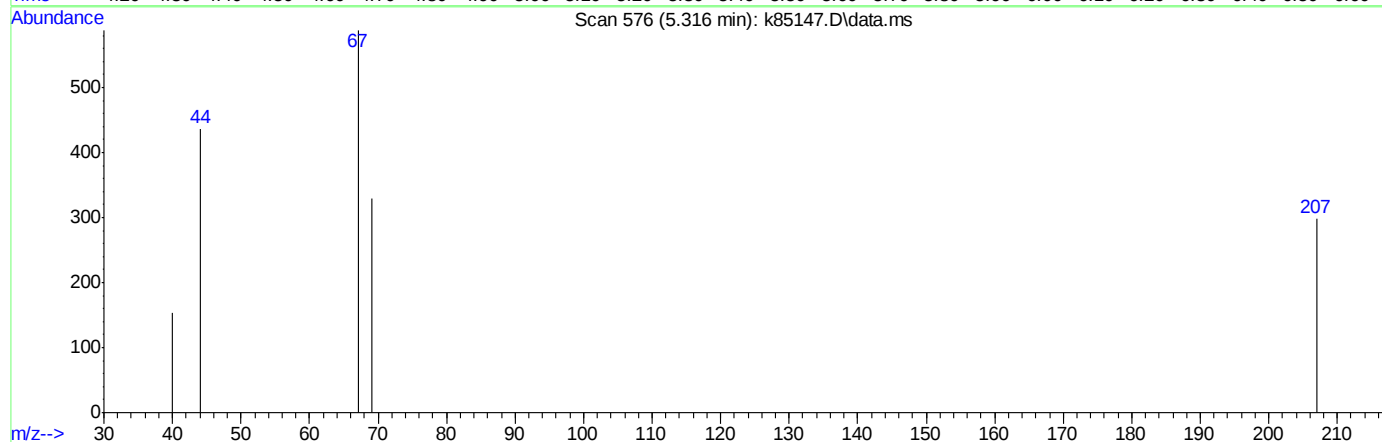
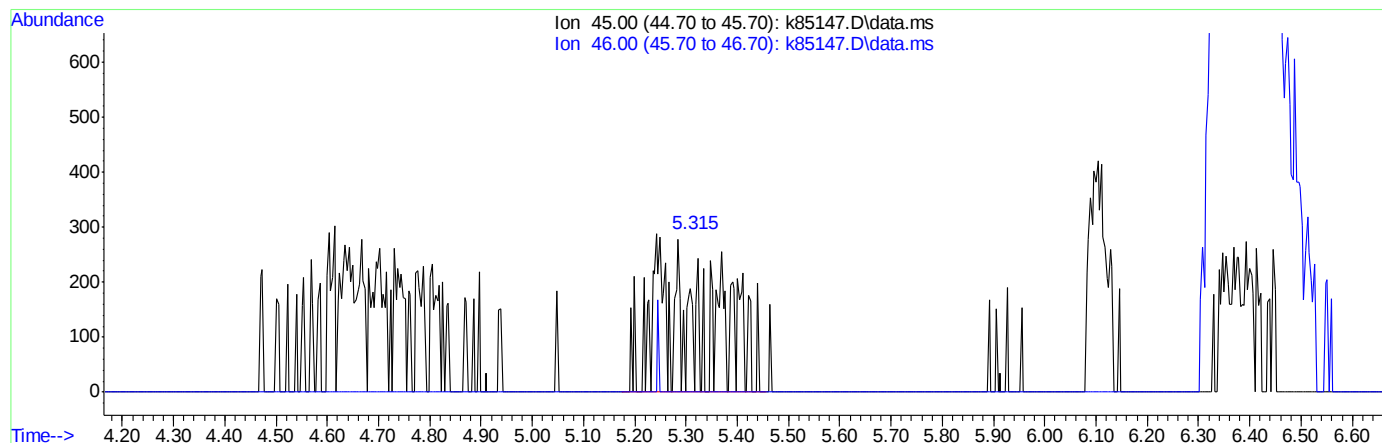
response 0

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

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150203\
Data File : k85147.D
Acq On : 3 Feb 2015 11:21 am
Operator : jaimem
Sample : ic2666-2
Misc : ms33796,msk2666,10,,100,10,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 03 14:22:43 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Tue Feb 03 14:22:09 2015
Response via : Initial Calibration



TIC: k85147.D\data.ms

(3) Ethanol (p)

5.316min (-0.098) 178.16ug/kg m

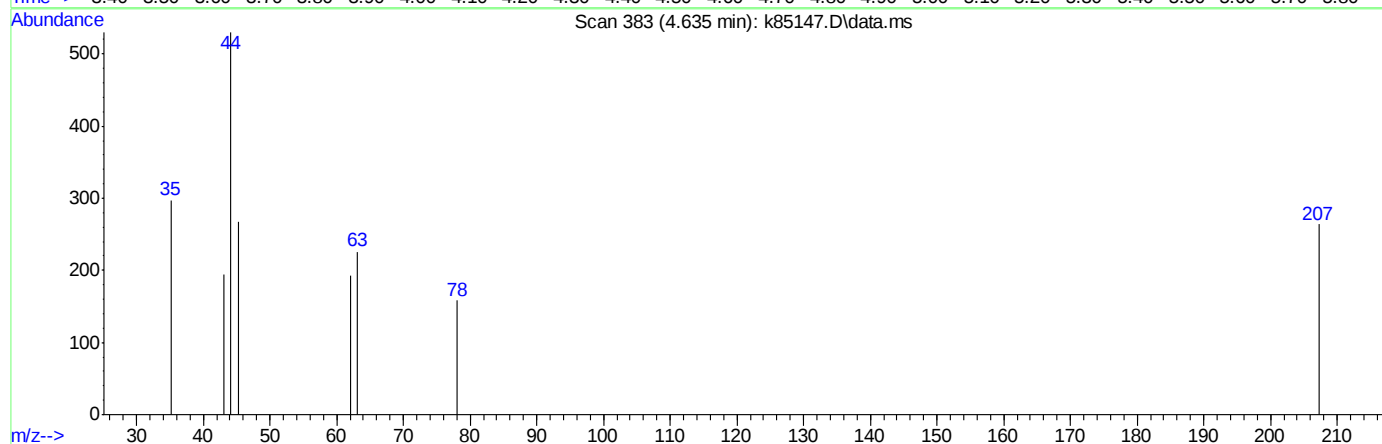
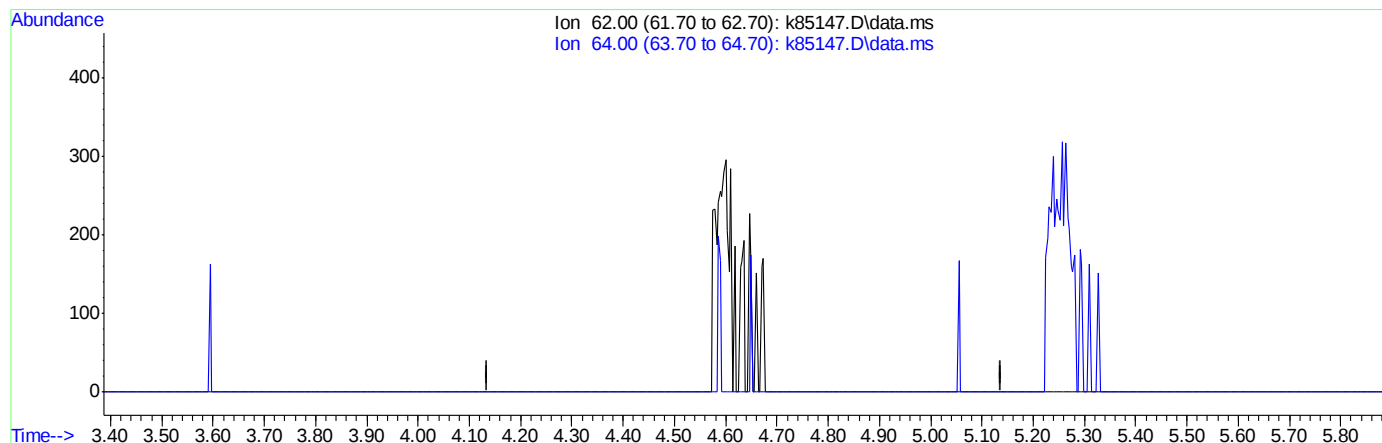
response 1816

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

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150203\
Data File : k85147.D
Acq On : 3 Feb 2015 11:21 am
Operator : jaimem
Sample : ic2666-2
Misc : ms33796,msk2666,10,,100,10,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 03 14:22:43 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Tue Feb 03 14:22:09 2015
Response via : Initial Calibration



TIC: k85147.D\data.ms

(7) vinyl chloride (p)

4.637min (-4.637) 0.00ug/kg

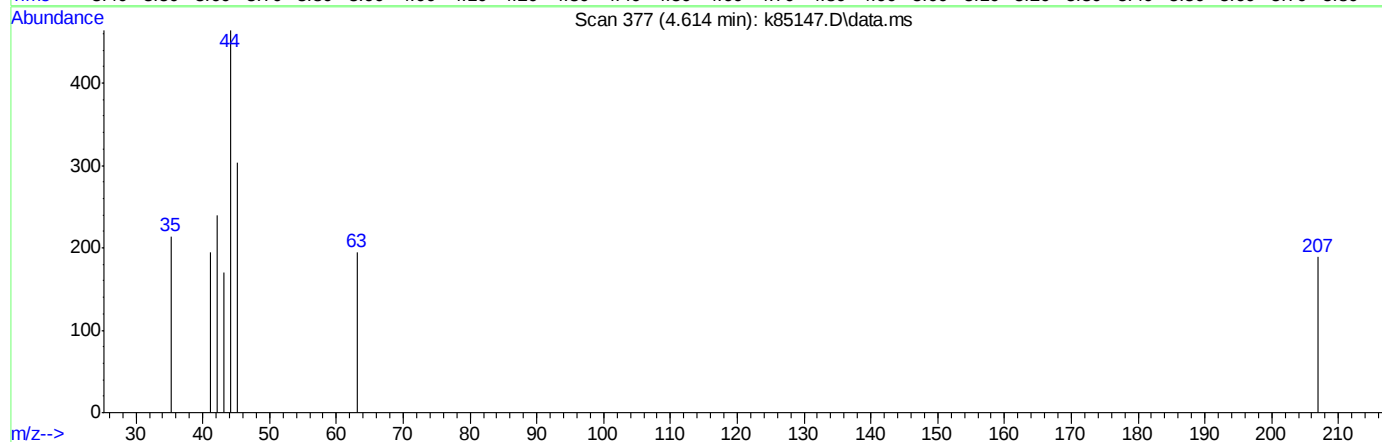
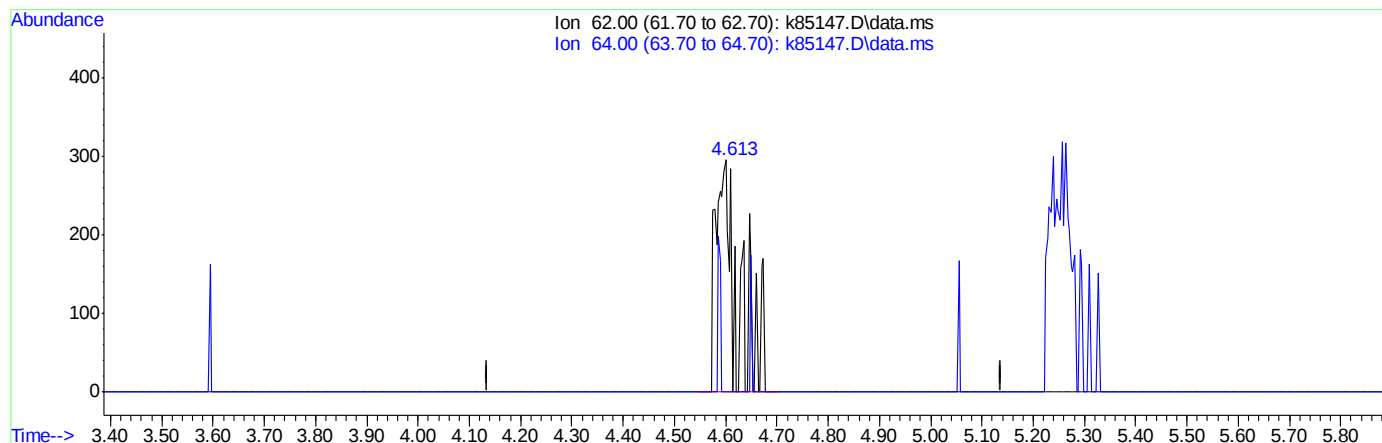
response 0

Ion	Exp%	Act%
62.00	100	0.00
64.00	34.10	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150203\
Data File : k85147.D
Acq On : 3 Feb 2015 11:21 am
Operator : jaimem
Sample : ic2666-2
Misc : ms33796,msk2666,10,,100,10,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 03 14:22:43 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Tue Feb 03 14:22:09 2015
Response via : Initial Calibration



TIC: k85147.D\data.ms

(7) vinyl chloride (p)

4.614min (-0.023) 1.57ug/kg m

response 888

Ion	Exp%	Act%
62.00	100	100
64.00	34.10	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150203\
 Data File : k85148.D
 Acq On : 3 Feb 2015 11:49 am
 Operator : jaimem
 Sample : ic2666-5
 Misc : ms33796,msk2666,10,,100,10,1
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 03 14:29:19 2015
 Quant Method : C:\msdchem\1\methods\K150203S.M
 Quant Title : SW-846 Method 8260
 QLast Update : Tue Feb 03 14:26:47 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Tert butyl alcohol-d9	6.408	65	40737	500.00	ug/kg	# 0.00
4) pentafluorobenzene	8.771	168	104850	50.00	ug/kg	0.00
44) 1,4-difluorobenzene	9.618	114	150670	50.00	ug/kg	0.00
67) chlorobenzene-d5	12.874	82	57924	50.00	ug/kg	0.00
82) 1,4-dichlorobenzene-d4	15.432	152	75551	50.00	ug/kg	0.00
System Monitoring Compounds						
41) dibromofluoromethane (s)	8.400	113	54332	50.14	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	100.28%		
61) toluene-d8 (s)	11.409	98	154094	48.75	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.50%		
84) bromofluorobenzene (s)	14.092	95	56666	49.65	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.30%		
Target Compounds						
						Qvalue
2) tertiary butyl alcohol	6.490	59	5973	55.23	ug/kg#	76
3) Ethanol	5.373	45	6158m	585.58	ug/kg	
5) dichlorodifluoromethane	4.215	85	5720m	6.92	ug/kg	
6) chloromethane	4.410	50	9495	5.33	ug/kg	100
7) vinyl chloride	4.628	62	2686	5.00	ug/kg	95
8) bromomethane	5.134	96	6338	5.36	ug/kg	72
9) chloroethane	5.271	64	3164	5.84	ug/kg#	44
10) dichlorofluoromethane	5.322	67	8313	5.90	ug/kg	100
11) ethyl ether	6.111	59	3546	5.49	ug/kg	97
13) trichlorofluoromethane	5.896	101	7056	5.35	ug/kg	98
14) freon-113	6.659	101	2795	5.56	ug/kg#	68
15) acrolein	5.856	56	2116	30.38	ug/kg	100
16) 1,1-dichloroethene	6.459	96	5191	4.98	ug/kg#	75
18) Methyl Acetate	6.607	43	4586	5.26	ug/kg#	82
19) methylene chloride	6.599	84	5911	5.10	ug/kg#	81
20) methyl tert butyl ether	7.380	73	12086	5.24	ug/kg	97
21) acrylonitrile	6.490	53	1423	4.60	ug/kg	92
22) allyl chloride	6.685	41	7389	5.35	ug/kg	59
23) trans-1,2-dichloroethene	7.271	96	6288	5.34	ug/kg	89
24) iodomethane	6.508	142	12872	5.42	ug/kg	91
25) carbon disulfide	6.873	76	17608	5.29	ug/kg	99
26) propionitrile	7.515	54	114m	1.01	ug/kg	
27) vinyl acetate	7.606	43	4066	4.57	ug/kg	81
28) chloroprene	7.885	53	6932	5.45	ug/kg	57
29) di-isopropyl ether	7.939	45	15506	5.18	ug/kg	92
30) methacrylonitrile	8.021	41	2398	5.48	ug/kg	71
32) Hexane	7.927	41	7494	5.61	ug/kg#	69
33) 1,1-dichloroethane	7.524	63	9151	5.18	ug/kg	90
34) tert-butyl ethyl ether	8.328	59	14418	5.12	ug/kg	87
35) isobutyl alcohol	8.328	43	1737	26.27	ug/kg#	58
36) 2,2-dichloropropane	8.384	77	7727	5.60	ug/kg	95
37) cis-1,2-dichloroethene	8.098	96	6302	5.43	ug/kg	85
38) ethyl acetate	8.214	43	3425	5.25	ug/kg	88
39) bromochloromethane	8.248	128	3601	5.28	ug/kg	93

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150203\
 Data File : k85148.D
 Acq On : 3 Feb 2015 11:49 am
 Operator : jaimem
 Sample : ic2666-5
 Misc : ms33796,msk2666,10,,100,10,1
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 03 14:29:19 2015
 Quant Method : C:\msdchem\1\methods\K150203S.M
 Quant Title : SW-846 Method 8260
 QLast Update : Tue Feb 03 14:26:47 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) chloroform	8.288	83	9744	5.01	ug/kg	91
42) Tetrahydrofuran	8.611	42	1136	5.06	ug/kg	91
43) 1,1,1-trichloroethane	9.046	97	9270	5.26	ug/kg	92
45) Cyclohexane	9.343	56	7604	5.65	ug/kg#	93
46) carbon tetrachloride	9.405	117	9443	5.03	ug/kg	95
47) 1,1-dichloropropene	9.218	75	6514	5.32	ug/kg	89
48) benzene	9.417	78	19401	4.86	ug/kg	85
49) 1,2-dichloroethane	8.925	62	6221	5.00	ug/kg	94
50) tert-amyl methyl ether	9.570	73	15390	6.17	ug/kg	80
51) heptane	9.930	43	5154	4.93	ug/kg	79
52) trichloroethene	10.053	95	5775	5.40	ug/kg	91
53) 1,2-dichloropropane	10.007	63	4396	4.96	ug/kg	84
54) dibromomethane	9.981	93	3236	4.97	ug/kg	85
55) bromodichloromethane	10.094	83	6429	5.17	ug/kg	92
56) Methylcyclohexane	10.590	83	8376	5.25	ug/kg	87
57) 2-chloroethyl vinyl ether	10.466	63	3169	6.55	ug/kg#	42
58) methyl methacrylate	10.185	69	2242	4.78	ug/kg#	51
60) cis-1,3-dichloropropene	10.719	75	6588	4.84	ug/kg	90
62) 4-methyl-2-pentanone	10.802	43	3493	4.69	ug/kg#	85
63) toluene	11.482	92	11215	4.80	ug/kg	99
64) trans-1,3-dichloropropene	11.132	75	5938	5.12	ug/kg	90
65) 1,1,2-trichloroethane	11.302	83	3264	5.14	ug/kg	82
66) ethyl methacrylate	11.506	69	4414	5.01	ug/kg	91
68) tetrachloroethene	12.239	166	5956	5.25	ug/kg	97
69) 1,3-dichloropropane	11.541	76	5397	5.39	ug/kg	95
70) dibromochloromethane	11.820	129	5379	5.14	ug/kg	95
71) 1,2-dibromoethane	12.067	107	4321	5.35	ug/kg	93
73) chlorobenzene	12.909	112	13653	5.23	ug/kg	91
74) 1,1,1,2-tetrachloroethane	12.836	131	6467	5.29	ug/kg#	82
75) ethylbenzene	13.080	91	20811	4.78	ug/kg	95
76) m,p-xylene	13.263	106	17343	10.78	ug/kg	94
77) o-xylene	13.676	106	9058	5.07	ug/kg	89
78) styrene	13.599	104	13141	5.51	ug/kg	73
79) bromoform	13.419	173	3316	5.44	ug/kg	97
80) cis-1,4-dichloro-2-butene	13.508	88	1495	4.95	ug/kg#	71
81) trans-1,4-dichloro-2-b...	13.829	53	1176	5.56	ug/kg#	35
83) isopropylbenzene	14.041	105	24464	4.91	ug/kg	96
85) bromobenzene	14.327	156	6596	4.92	ug/kg#	76
86) 1,1,2,2-tetrachloroethane	13.687	83	4931	4.86	ug/kg	94
87) 1,2,3-trichloropropane	13.829	75	5464	5.19	ug/kg	84
88) n-propylbenzene	14.488	91	25971	5.07	ug/kg	97
89) 2-chlorotoluene	14.608	91	15789	5.14	ug/kg	98
90) 4-chlorotoluene	14.685	91	15390	5.30	ug/kg	91
91) 1,3,5-trimethylbenzene	14.759	105	20542	4.76	ug/kg	92
92) tert-butylbenzene	15.066	91	10504	4.68	ug/kg	97
93) 1,2,4-trimethylbenzene	15.169	105	20946	4.64	ug/kg	85
94) sec-butylbenzene	15.294	105	25927	4.80	ug/kg	95
95) 1,3-dichlorobenzene	15.397	146	12999	5.10	ug/kg	98
96) p-isopropyltoluene	15.461	119	23896	4.95	ug/kg	98
97) 1,4-dichlorobenzene	15.459	146	12910	5.11	ug/kg	95

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150203\
Data File : k85148.D
Acq On : 3 Feb 2015 11:49 am
Operator : jaimem
Sample : ic2666-5
Misc : ms33796,msk2666,10,,100,10,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 03 14:29:19 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Tue Feb 03 14:26:47 2015
Response via : Initial Calibration

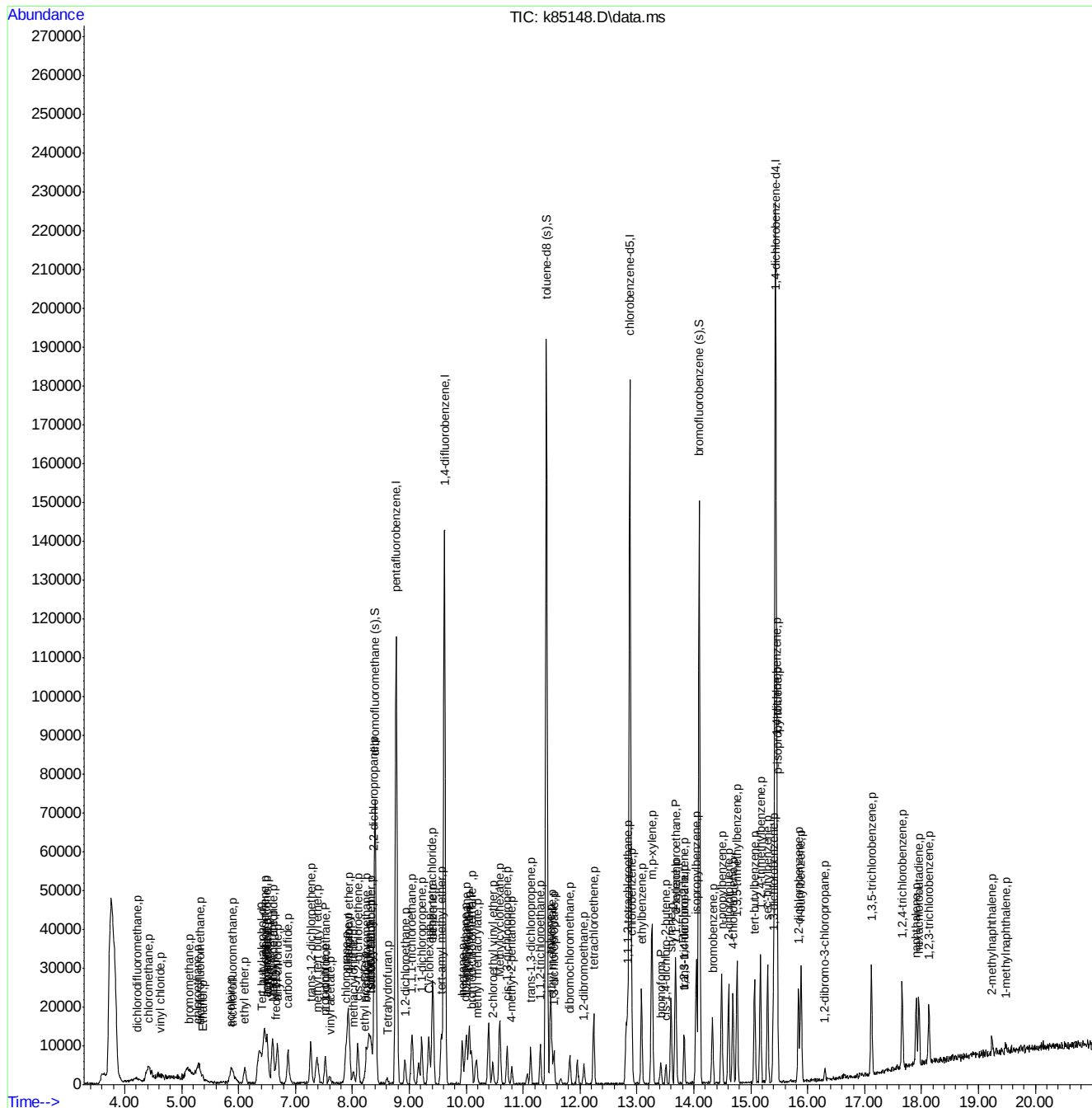
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
98) 1,2-dichlorobenzene	15.838	146	13294	5.19	ug/kg	97
99) n-butylbenzene	15.882	91	19434	5.00	ug/kg	94
100) 1,2-dibromo-3-chloropr...	16.302	75	786m	4.36	ug/kg	
101) 1,3,5-trichlorobenzene	17.119	180	11086	4.92	ug/kg	99
102) 1,2,4-trichlorobenzene	17.660	180	8821	5.00	ug/kg	96
103) hexachlorobutadiene	17.954	225	4099	5.17	ug/kg	93
104) naphthalene	17.906	128	17011	5.00	ug/kg	100
105) 1,2,3-trichlorobenzene	18.130	180	6440	5.07	ug/kg	90
106) 2-methylnaphthalene	19.238	142	2507	2.37	ug/kg#	81
107) 1-methylnaphthalene	19.474	142	1597	2.07	ug/kg#	1

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150203\
Data File : k85148.D
Acq On : 3 Feb 2015 11:49 am
Operator : jaimem
Sample : ic2666-5
Misc : ms33796,msk2666,10,,100,10,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 03 14:29:19 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Tue Feb 03 14:26:47 2015
Response via : Initial Calibration



K150203S.M Tue Feb 03 15:10:39 2015

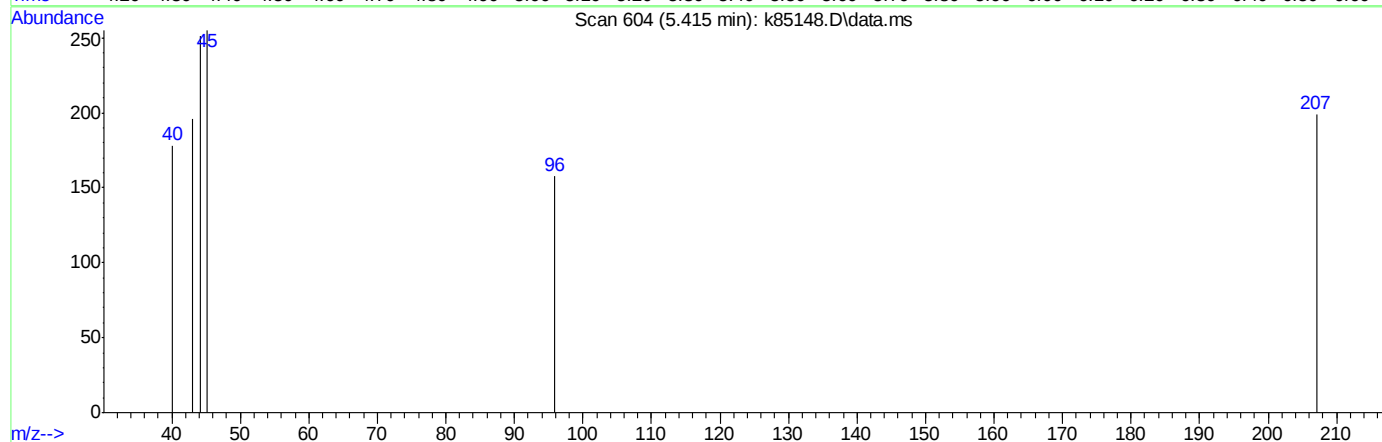
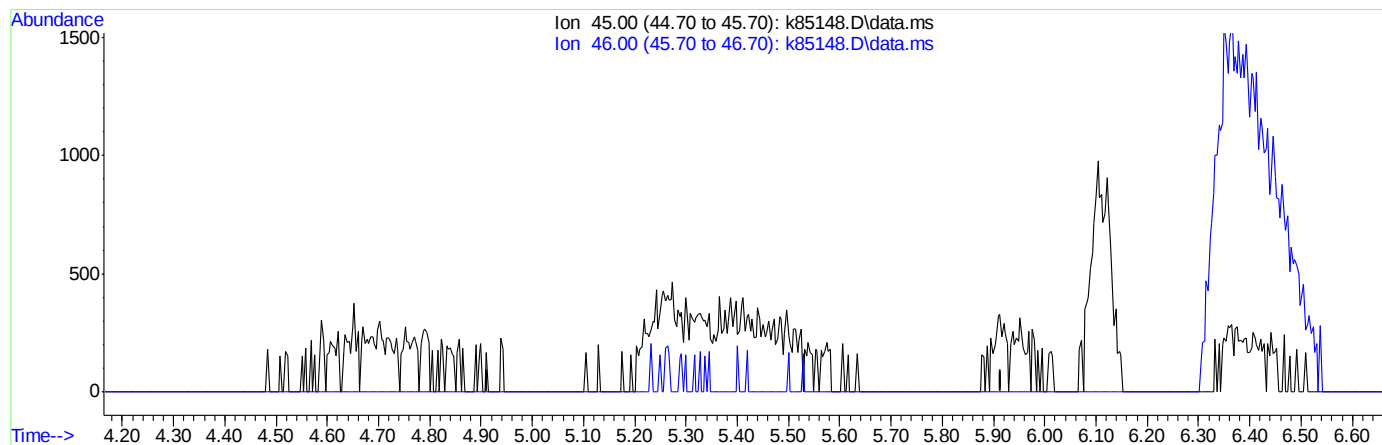
Page: 4

7.6.4

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150203\
Data File : k85148.D
Acq On : 3 Feb 2015 11:49 am
Operator : jaimem
Sample : ic2666-5
Misc : ms33796,msk2666,10,,100,10,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 03 14:26:59 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Tue Feb 03 14:26:47 2015
Response via : Initial Calibration



TIC: k85148.D\data.ms

(3) Ethanol (p)

5.414min (-5.414) 0.00ug/kg

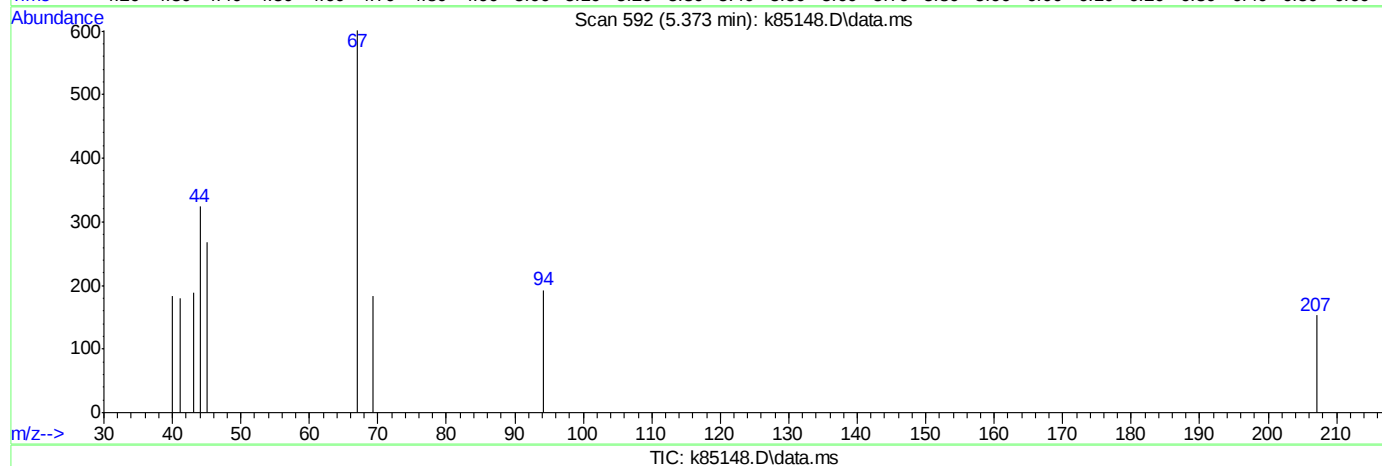
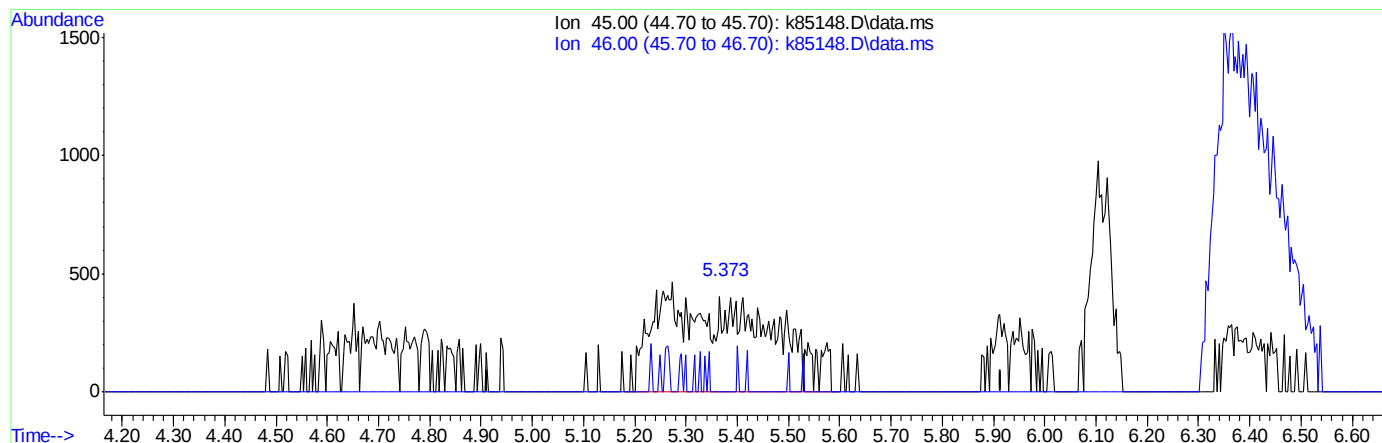
response 0

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

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150203\
Data File : k85148.D
Acq On : 3 Feb 2015 11:49 am
Operator : jaimem
Sample : ic2666-5
Misc : ms33796,msk2666,10,,100,10,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 03 14:26:59 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Tue Feb 03 14:26:47 2015
Response via : Initial Calibration



(3) Ethanol (p)

5.373min (-0.041) 585.58ug/kg m

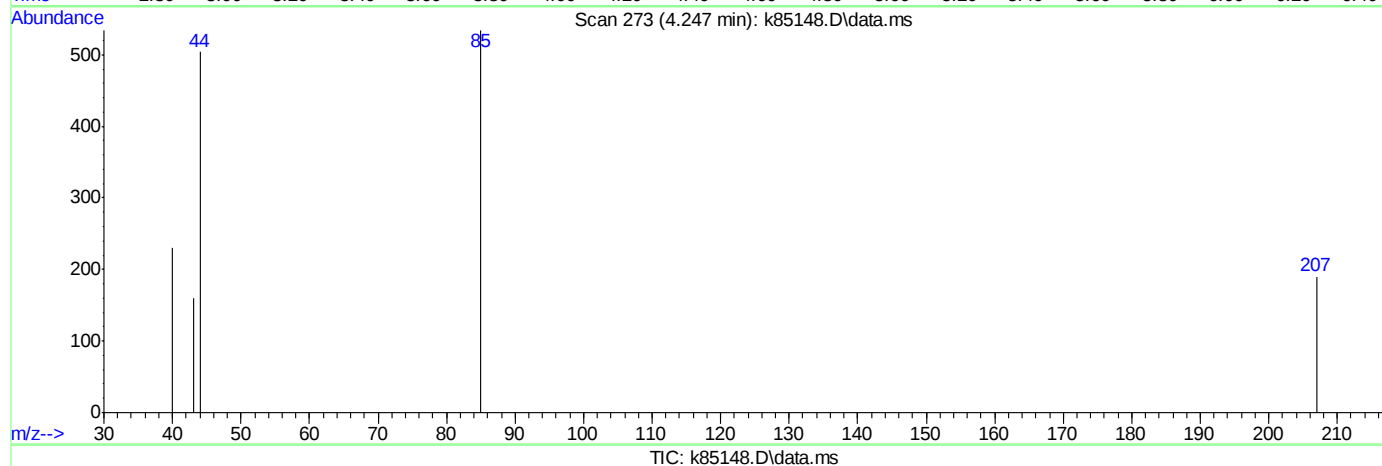
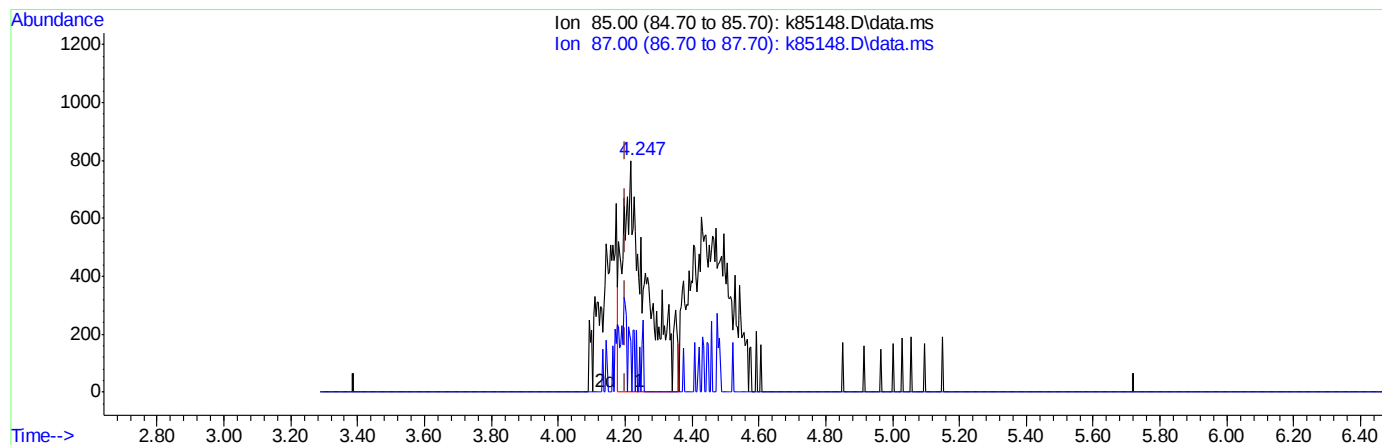
response 6158

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

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150203\
Data File : k85148.D
Acq On : 3 Feb 2015 11:49 am
Operator : jaimem
Sample : ic2666-5
Misc : ms33796,msk2666,10,,100,10,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 03 14:26:59 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Tue Feb 03 14:26:47 2015
Response via : Initial Calibration



(5) dichlorodifluoromethane (p)

4.247min (+0.045) 4.73ug/kg

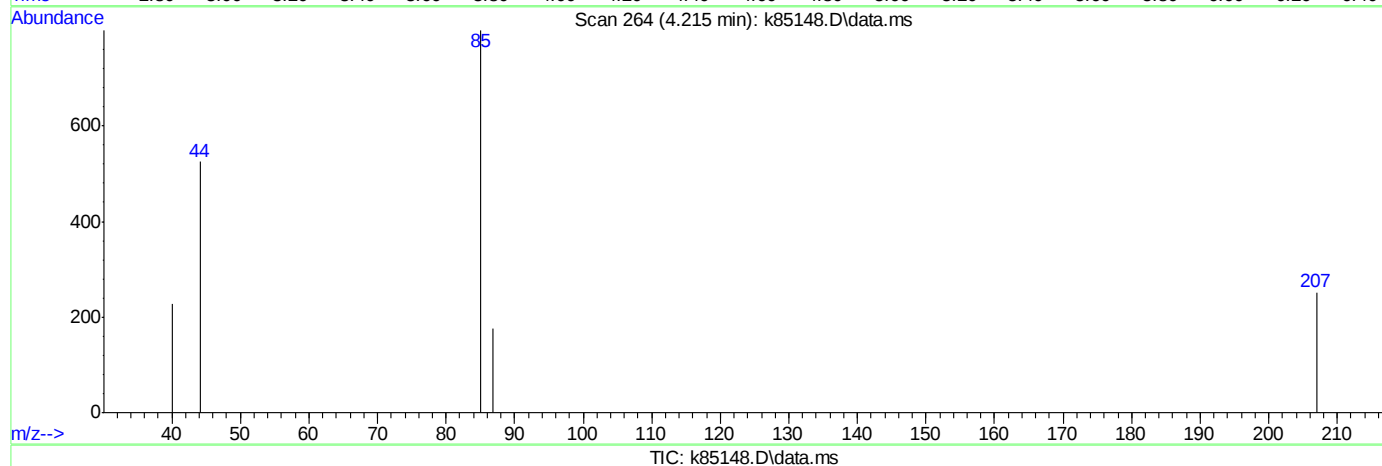
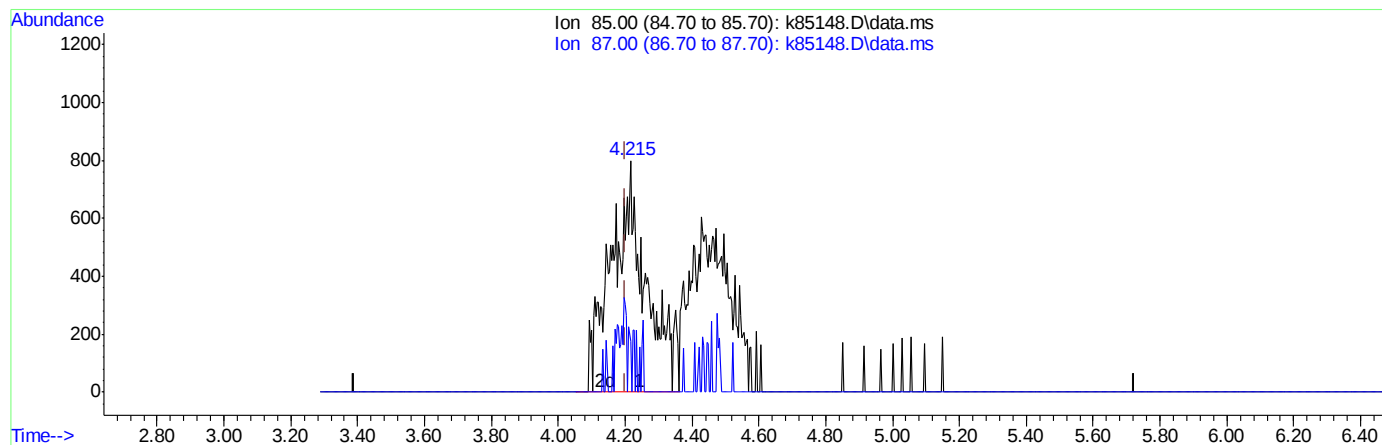
response 3911

Ion	Exp%	Act%
85.00	100	100
87.00	29.40	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150203\
Data File : k85148.D
Acq On : 3 Feb 2015 11:49 am
Operator : jaimem
Sample : ic2666-5
Misc : ms33796,msk2666,10,,100,10,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 03 14:26:59 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Tue Feb 03 14:26:47 2015
Response via : Initial Calibration



(5) dichlorodifluoromethane (p)

4.215min (+0.013) 6.92ug/kg m

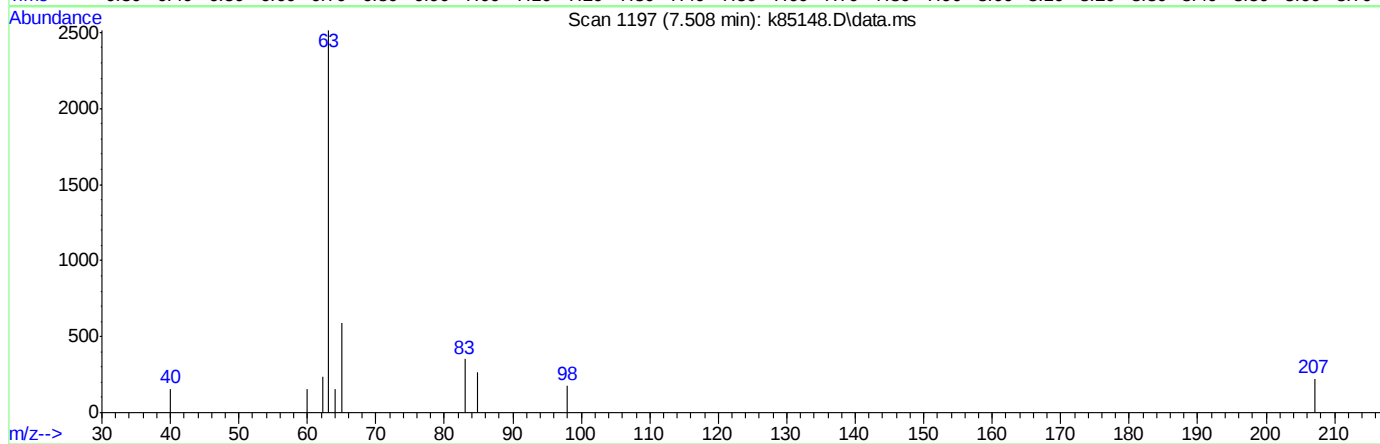
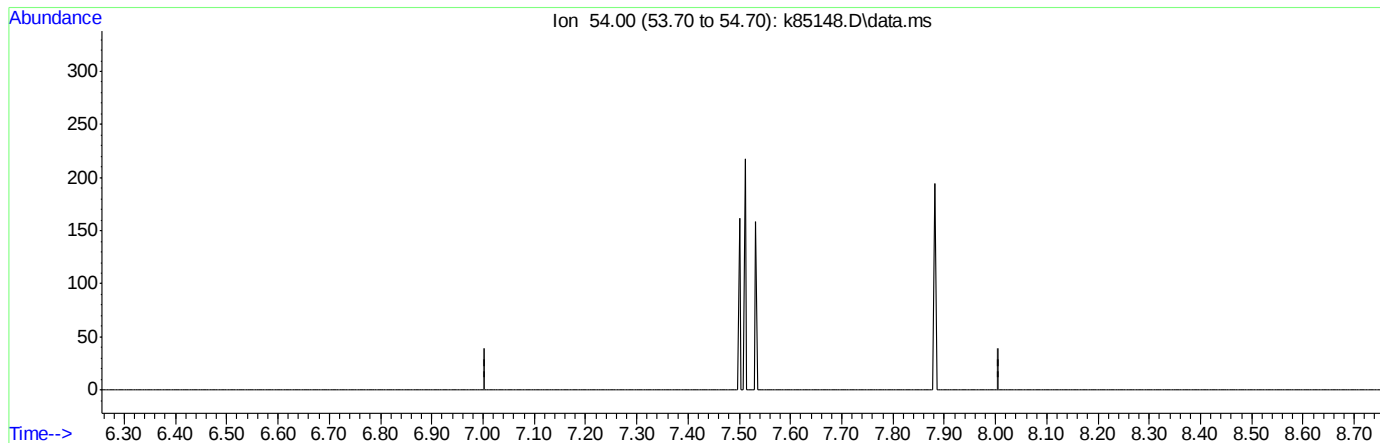
response 5720

Ion	Exp%	Act%
85.00	100	100
87.00	29.40	22.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150203\
Data File : k85148.D
Acq On : 3 Feb 2015 11:49 am
Operator : jaimem
Sample : ic2666-5
Misc : ms33796,msk2666,10,,100,10,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 03 14:26:59 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Tue Feb 03 14:26:47 2015
Response via : Initial Calibration



TIC: k85148.D\data.ms

(26) propionitrile (p)

7.506min (-7.506) 0.00ug/kg

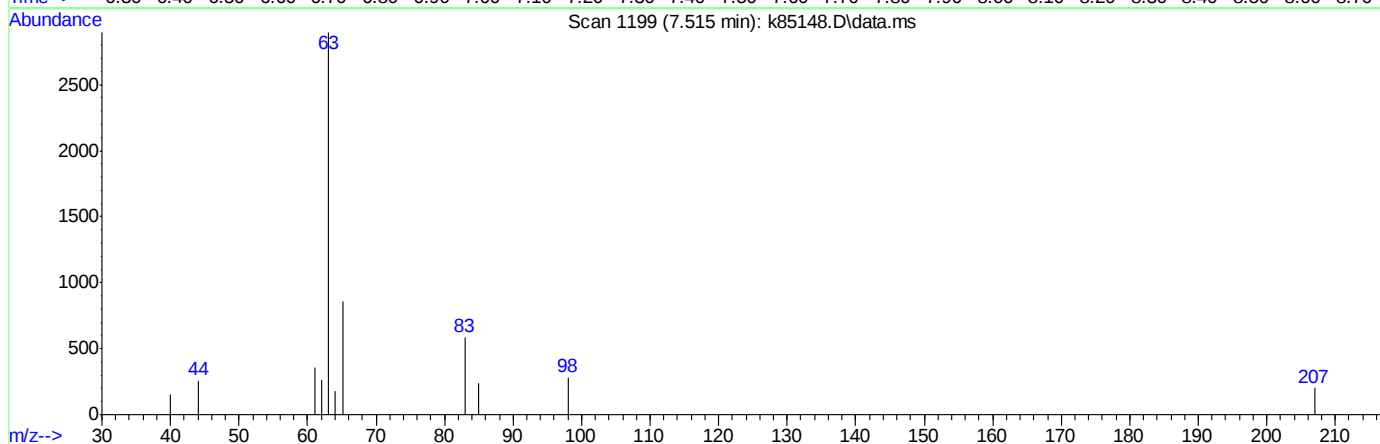
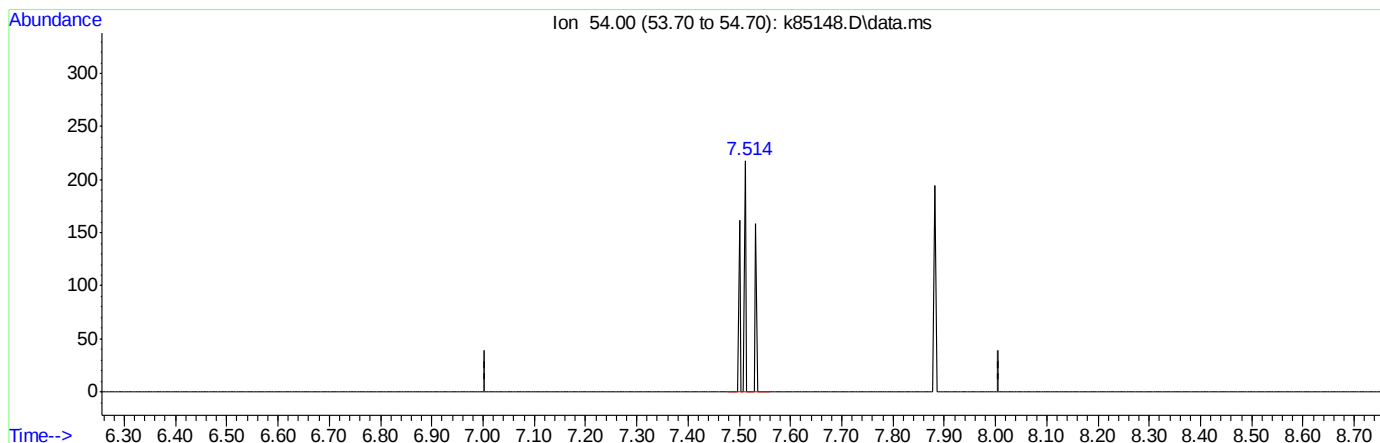
response 0

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

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150203\
Data File : k85148.D
Acq On : 3 Feb 2015 11:49 am
Operator : jaimem
Sample : ic2666-5
Misc : ms33796,msk2666,10,,100,10,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 03 14:26:59 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Tue Feb 03 14:26:47 2015
Response via : Initial Calibration



TIC: k85148.D\data.ms

(26) propionitrile (p)

7.515min (+0.008) 1.01ug/kg m

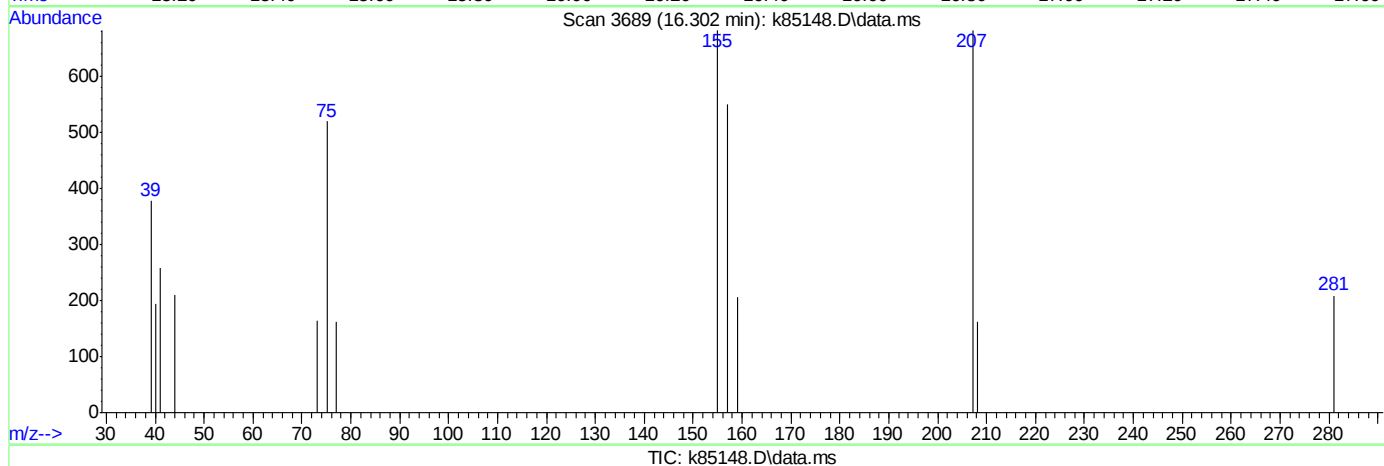
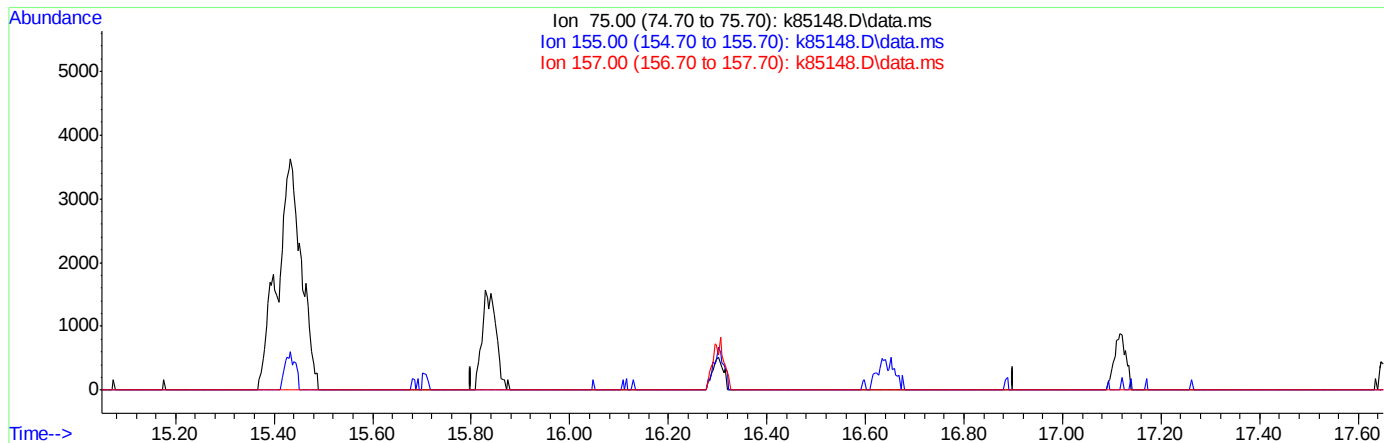
response 114

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

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150203\
Data File : k85148.D
Acq On : 3 Feb 2015 11:49 am
Operator : jaimem
Sample : ic2666-5
Misc : ms33796,msk2666,10,,100,10,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 03 14:26:59 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Tue Feb 03 14:26:47 2015
Response via : Initial Calibration



(100) 1,2-dibromo-3-chloropropane (p)

16.301min (-16.301) 0.00ug/kg

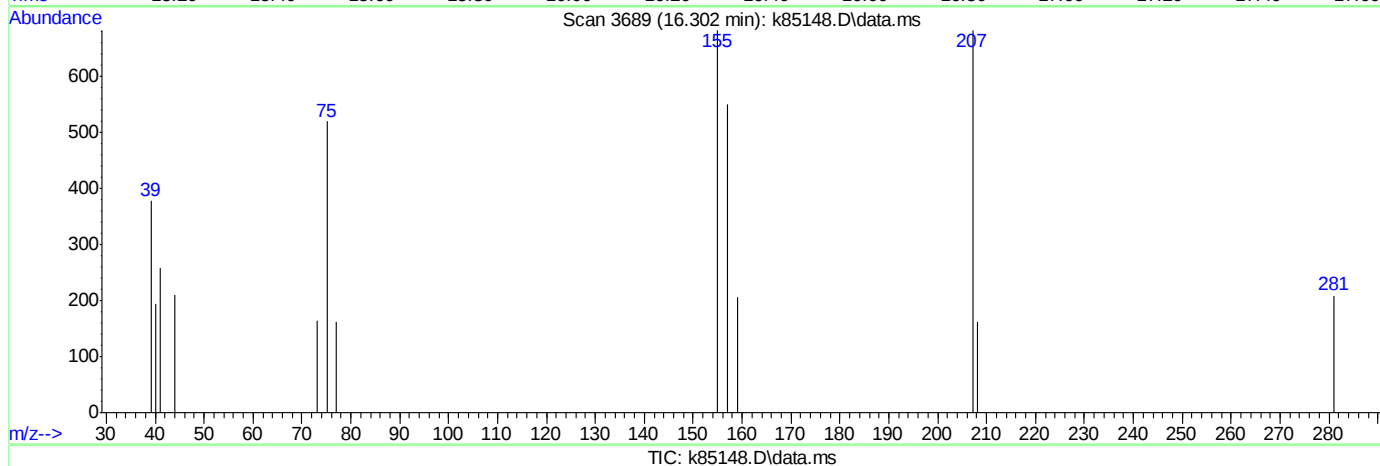
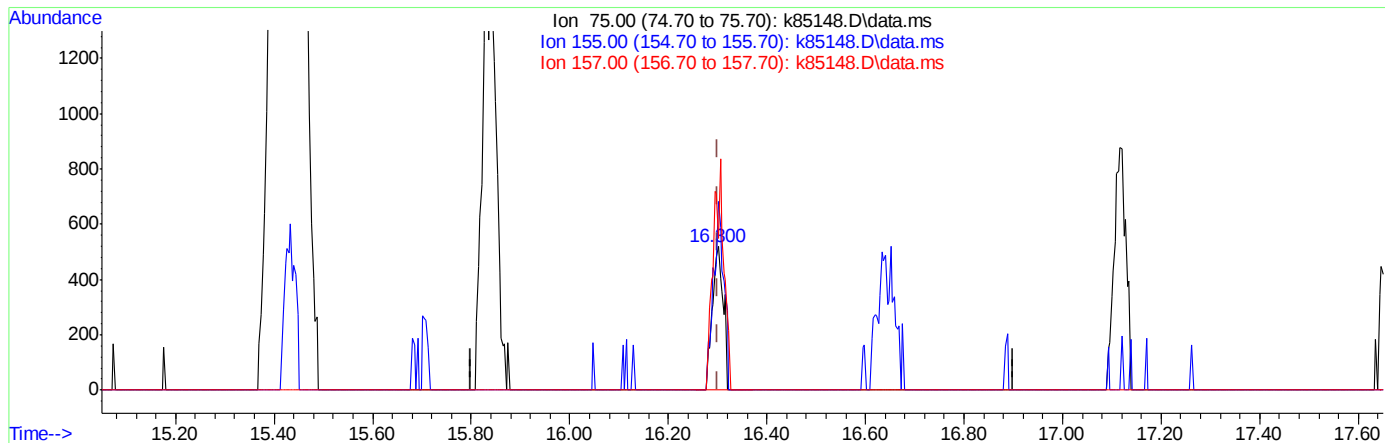
response 0

Ion	Exp%	Act%
75.00	100	0.00
155.00	104.00	0.00#
157.00	146.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150203\
Data File : k85148.D
Acq On : 3 Feb 2015 11:49 am
Operator : jaimem
Sample : ic2666-5
Misc : ms33796,msk2666,10,,100,10,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 03 14:26:59 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Tue Feb 03 14:26:47 2015
Response via : Initial Calibration



(100) 1,2-dibromo-3-chloropropane (p)

16.302min (+0.001) 4.36ug/kg m

response 786

Ion	Exp%	Act%
75.00	100	100
155.00	104.00	131.21
157.00	146.20	105.78#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150203\
 Data File : k85149.D
 Acq On : 3 Feb 2015 12:17 pm
 Operator : jaimem
 Sample : ic2666-10
 Misc : ms33796,msk2666,10,,100,10,1
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 03 14:31:32 2015
 Quant Method : C:\msdchem\1\methods\K150203S.M
 Quant Title : SW-846 Method 8260
 QLast Update : Tue Feb 03 14:29:38 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Tert butyl alcohol-d9	6.406	65	41819	500.00	ug/kg	# 0.00
4) pentafluorobenzene	8.768	168	97062	50.00	ug/kg	0.00
44) 1,4-difluorobenzene	9.616	114	139332	50.00	ug/kg	0.00
67) chlorobenzene-d5	12.874	82	54864	50.00	ug/kg	0.00
82) 1,4-dichlorobenzene-d4	15.432	152	70295	50.00	ug/kg	0.00
System Monitoring Compounds						
41) dibromofluoromethane (s)	8.397	113	51092	50.91	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	101.82%		
61) toluene-d8 (s)	11.409	98	146242	50.28	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	100.56%		
84) bromofluorobenzene (s)	14.093	95	52426	49.44	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.88%		
Target Compounds						
						Qvalue
2) tertiary butyl alcohol	6.492	59	11521	98.61	ug/kg#	76
3) Ethanol	5.391	45	11959m	1048.00	ug/kg	
5) dichlorodifluoromethane	4.194	85	10782m	12.49	ug/kg	
6) chloromethane	4.401	50	17052	10.01	ug/kg	92
7) vinyl chloride	4.623	62	5597	11.26	ug/kg	98
8) bromomethane	5.131	96	10602	9.46	ug/kg	84
9) chloroethane	5.264	64	5333	9.81	ug/kg	85
10) dichlorofluoromethane	5.314	67	14060	9.89	ug/kg	100
11) ethyl ether	6.104	59	6183	9.85	ug/kg	94
12) acetonitrile	5.873	41	1400	8.87	ug/kg#	45
13) trichlorofluoromethane	5.888	101	12629	10.11	ug/kg	99
14) freon-113	6.654	101	5420	11.03	ug/kg	80
15) acrolein	5.850	56	3279	45.91	ug/kg	100
16) 1,1-dichloroethene	6.453	96	9454	9.81	ug/kg	87
17) acetone	5.973	58	143m	4.54	ug/kg	
18) Methyl Acetate	6.601	43	8286	10.00	ug/kg	96
19) methylene chloride	6.593	84	10791	9.99	ug/kg	88
20) methyl tert butyl ether	7.376	73	22135	10.20	ug/kg	89
21) acrylonitrile	6.486	53	2776	10.09	ug/kg#	47
22) allyl chloride	6.677	41	13767	10.40	ug/kg	73
23) trans-1,2-dichloroethene	7.264	96	10849	9.74	ug/kg	94
24) iodomethane	6.501	142	22944	10.02	ug/kg	99
25) carbon disulfide	6.867	76	32751	10.33	ug/kg	97
26) propionitrile	7.504	54	704m	11.24	ug/kg	
27) vinyl acetate	7.601	43	8317	10.55	ug/kg	97
28) chloroprene	7.881	53	12480	10.15	ug/kg	67
29) di-isopropyl ether	7.936	45	27507	9.81	ug/kg	93
30) methacrylonitrile	8.017	41	4188	9.87	ug/kg#	56
31) 2-butanone	7.917	72	399m	6.21	ug/kg	
32) Hexane	7.922	41	13486	10.28	ug/kg#	76
33) 1,1-dichloroethane	7.519	63	16838	10.17	ug/kg	90
34) tert-butyl ethyl ether	8.325	59	25871	9.85	ug/kg	87
35) isobutyl alcohol	8.325	43	3617	57.62	ug/kg#	75
36) 2,2-dichloropropane	8.381	77	13833	10.22	ug/kg	96

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150203\
 Data File : k85149.D
 Acq On : 3 Feb 2015 12:17 pm
 Operator : jaimem
 Sample : ic2666-10
 Misc : ms33796,msk2666,10,,100,10,1
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 03 14:31:32 2015
 Quant Method : C:\msdchem\1\methods\K150203S.M
 Quant Title : SW-846 Method 8260
 QLast Update : Tue Feb 03 14:29:38 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) cis-1,2-dichloroethene	8.093	96	11370	10.28	ug/kg	81
38) ethyl acetate	8.210	43	6219	10.05	ug/kg	99
39) bromochloromethane	8.245	128	6865	10.57	ug/kg	88
40) chloroform	8.285	83	17021	9.45	ug/kg	83
42) Tetrahydrofuran	8.610	42	2107	10.08	ug/kg	93
43) 1,1,1-trichloroethane	9.043	97	16730	10.08	ug/kg	92
45) Cyclohexane	9.341	56	14097	10.63	ug/kg#	94
46) carbon tetrachloride	9.403	117	17109	9.83	ug/kg	98
47) 1,1-dichloropropene	9.217	75	12136	10.38	ug/kg	95
48) benzene	9.414	78	34641	9.43	ug/kg	100
49) 1,2-dichloroethane	8.923	62	11524	10.01	ug/kg	90
50) tert-amyl methyl ether	9.566	73	26043	10.11	ug/kg	85
51) heptane	9.928	43	10175	10.60	ug/kg#	78
52) trichloroethene	10.052	95	10158	10.11	ug/kg	94
53) 1,2-dichloropropane	10.006	63	8305	10.16	ug/kg	98
54) dibromomethane	9.980	93	6116	10.19	ug/kg	95
55) bromodichloromethane	10.093	83	11541	9.93	ug/kg	92
56) Methylcyclohexane	10.588	83	15965	10.56	ug/kg	88
57) 2-chloroethyl vinyl ether	10.465	63	4169	8.07	ug/kg	95
58) methyl methacrylate	10.183	69	4279	10.08	ug/kg#	61
59) 1,4-dioxane	10.186	88	104m	10.17	ug/kg	
60) cis-1,3-dichloropropene	10.718	75	12241	9.82	ug/kg	84
62) 4-methyl-2-pentanone	10.801	43	7008	10.50	ug/kg#	89
63) toluene	11.481	92	20158	9.41	ug/kg	94
64) trans-1,3-dichloropropene	11.130	75	10309	9.53	ug/kg	88
65) 1,1,2-trichloroethane	11.301	83	5705	9.62	ug/kg	86
66) ethyl methacrylate	11.505	69	7603	9.32	ug/kg	90
68) tetrachloroethene	12.238	166	10938	10.08	ug/kg	93
69) 1,3-dichloropropane	11.540	76	10111	10.26	ug/kg	95
70) dibromochloromethane	11.819	129	9808	9.80	ug/kg	91
71) 1,2-dibromoethane	12.068	107	7611	9.72	ug/kg	71
72) 2-hexanone	11.657	43	3472	11.39	ug/kg#	57
73) chlorobenzene	12.908	112	24410	9.72	ug/kg	97
74) 1,1,1,2-tetrachloroethane	12.836	131	11895	9.98	ug/kg	79
75) ethylbenzene	13.079	91	38120	9.33	ug/kg	94
76) m,p-xylene	13.263	106	31357	20.05	ug/kg	99
77) o-xylene	13.676	106	16711	9.83	ug/kg#	80
78) styrene	13.599	104	23555	9.93	ug/kg	80
79) bromoform	13.419	173	5934	9.99	ug/kg	97
80) cis-1,4-dichloro-2-butene	13.508	88	2843	9.98	ug/kg#	83
81) trans-1,4-dichloro-2-b...	13.829	53	2055	9.71	ug/kg#	4
83) isopropylbenzene	14.041	105	45438	9.89	ug/kg	95
85) bromobenzene	14.327	156	12304	9.95	ug/kg	87
86) 1,1,2,2-tetrachloroethane	13.687	83	9293	9.93	ug/kg	94
87) 1,2,3-trichloropropane	13.829	75	9601	9.62	ug/kg	93
88) n-propylbenzene	14.488	91	46736	9.74	ug/kg	99
89) 2-chlorotoluene	14.608	91	28943	9.99	ug/kg	99
90) 4-chlorotoluene	14.685	91	27585	9.91	ug/kg	89
91) 1,3,5-trimethylbenzene	14.759	105	37977	9.58	ug/kg	87
92) tert-butylbenzene	15.066	91	20563	10.17	ug/kg	93

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150203\
Data File : k85149.D
Acq On : 3 Feb 2015 12:17 pm
Operator : jaimem
Sample : ic2666-10
Misc : ms33796,msk2666,10,,100,10,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 03 14:31:32 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Tue Feb 03 14:29:38 2015
Response via : Initial Calibration

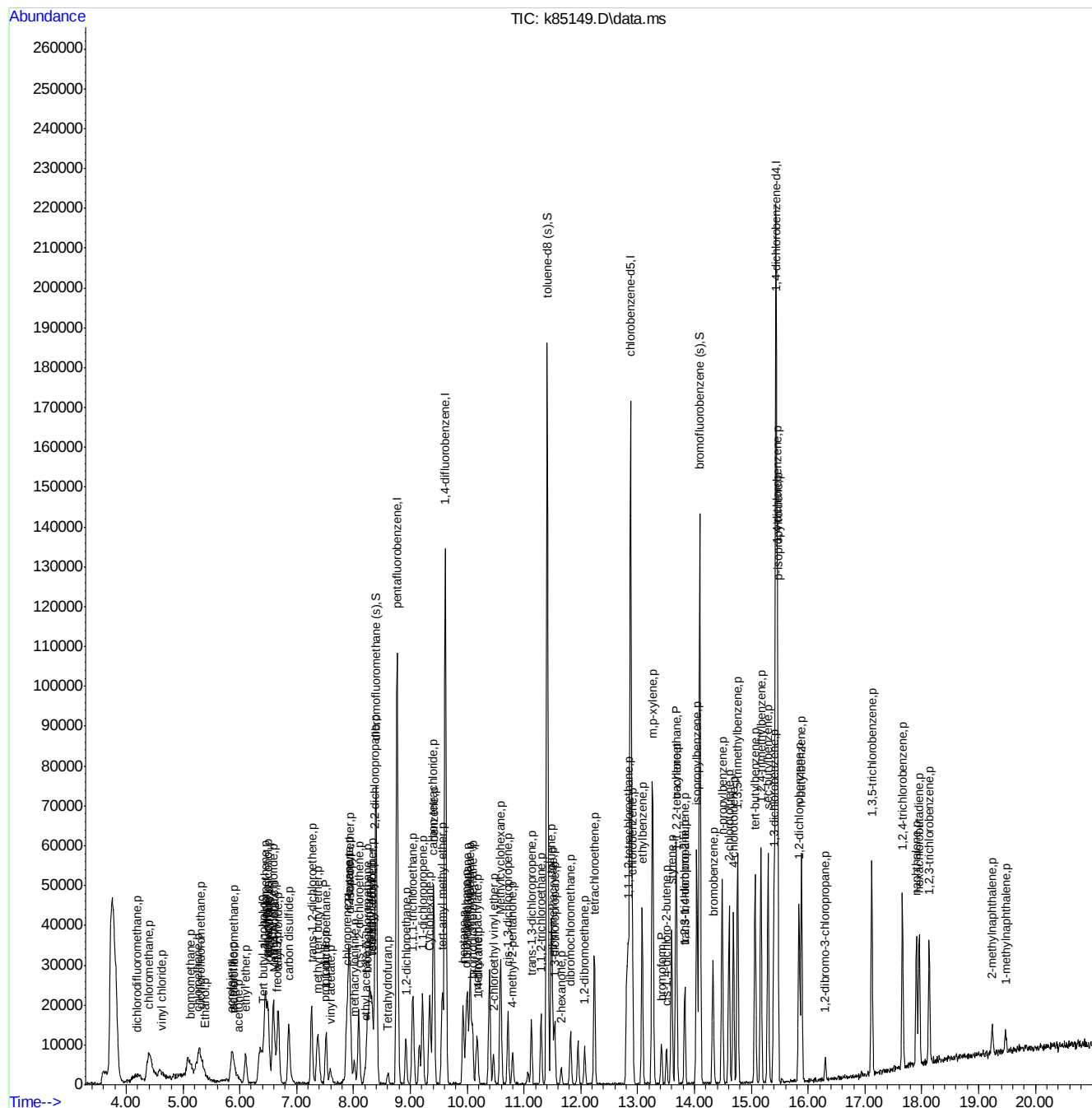
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93)	1,2,4-trimethylbenzene	15.169	105	39292	9.52	ug/kg	87
94)	sec-butylbenzene	15.294	105	49532	10.05	ug/kg	96
95)	1,3-dichlorobenzene	15.397	146	23598	9.88	ug/kg	96
96)	p-isopropyltoluene	15.461	119	44113	9.87	ug/kg	98
97)	1,4-dichlorobenzene	15.459	146	22570	9.53	ug/kg	97
98)	1,2-dichlorobenzene	15.838	146	23656	9.80	ug/kg	95
99)	n-butylbenzene	15.882	91	36669	10.14	ug/kg	88
100)	1,2-dibromo-3-chloropr...	16.301	75	1574	10.02	ug/kg	97
101)	1,3,5-trichlorobenzene	17.119	180	20741	9.98	ug/kg	100
102)	1,2,4-trichlorobenzene	17.660	180	16725	10.19	ug/kg	98
103)	hexachlorobutadiene	17.954	225	7587	10.11	ug/kg	95
104)	naphthalene	17.906	128	32501	10.27	ug/kg	100
105)	1,2,3-trichlorobenzene	18.129	180	12504	10.50	ug/kg	98
106)	2-methylnaphthalene	19.239	142	5257	5.49	ug/kg	97
107)	1-methylnaphthalene	19.475	142	4061	6.19	ug/kg#	1

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150203\
Data File : k85149.D
Acq On : 3 Feb 2015 12:17 pm
Operator : jaimem
Sample : ic2666-10
Misc : ms33796,msk2666,10,,100,10,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 03 14:31:32 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Tue Feb 03 14:29:38 2015
Response via : Initial Calibration



K150203S.M Tue Feb 03 15:10:42 2015

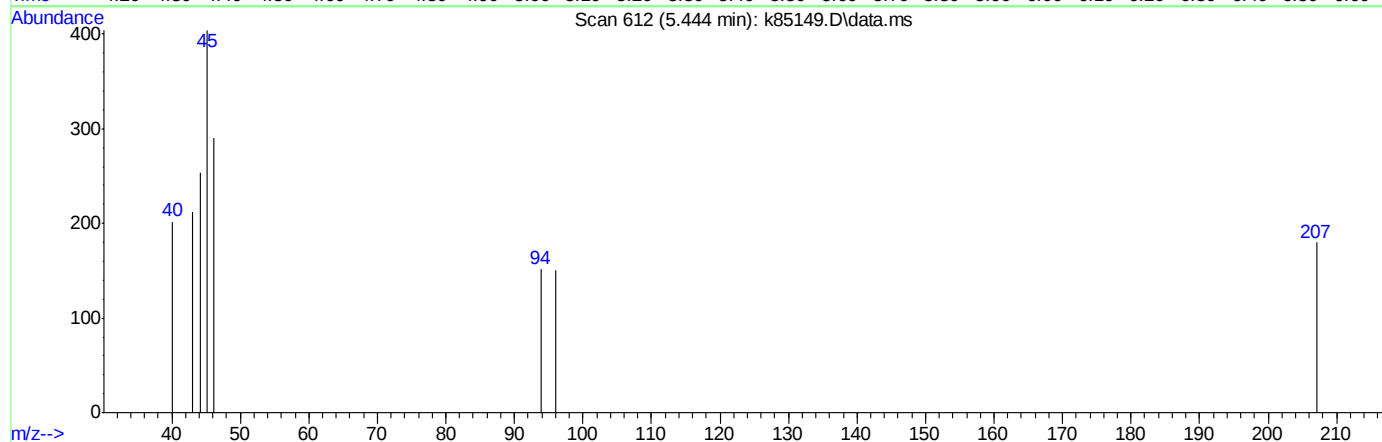
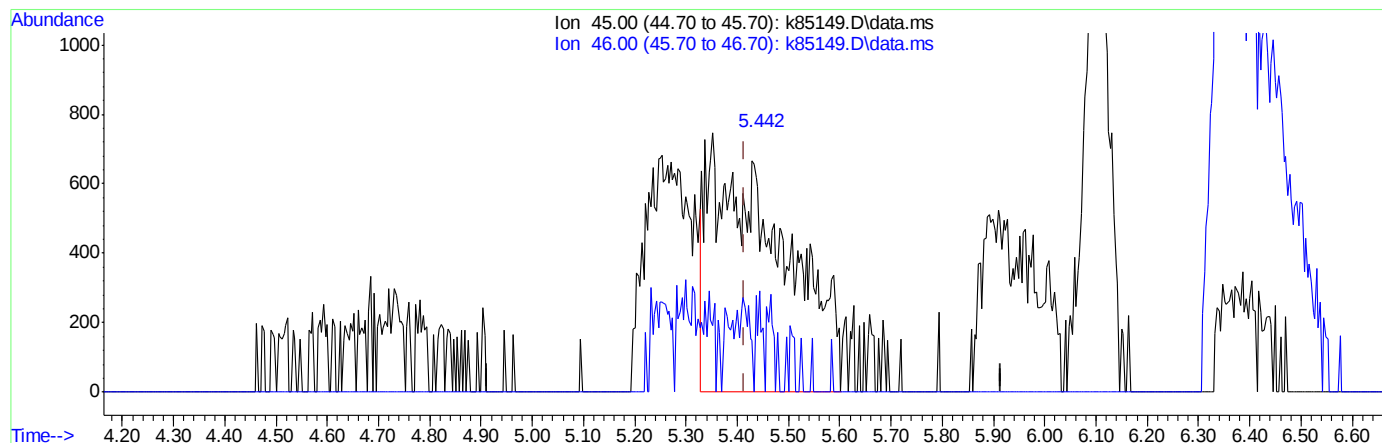
Page: 4

7.6.5

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150203\
Data File : k85149.D
Acq On : 3 Feb 2015 12:17 pm
Operator : jaimem
Sample : ic2666-10
Misc : ms33796,msk2666,10,,100,10,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 03 14:29:52 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Tue Feb 03 14:29:38 2015
Response via : Initial Calibration



(3) Ethanol (p)

5.442min (+0.028) 627.01ug/kg

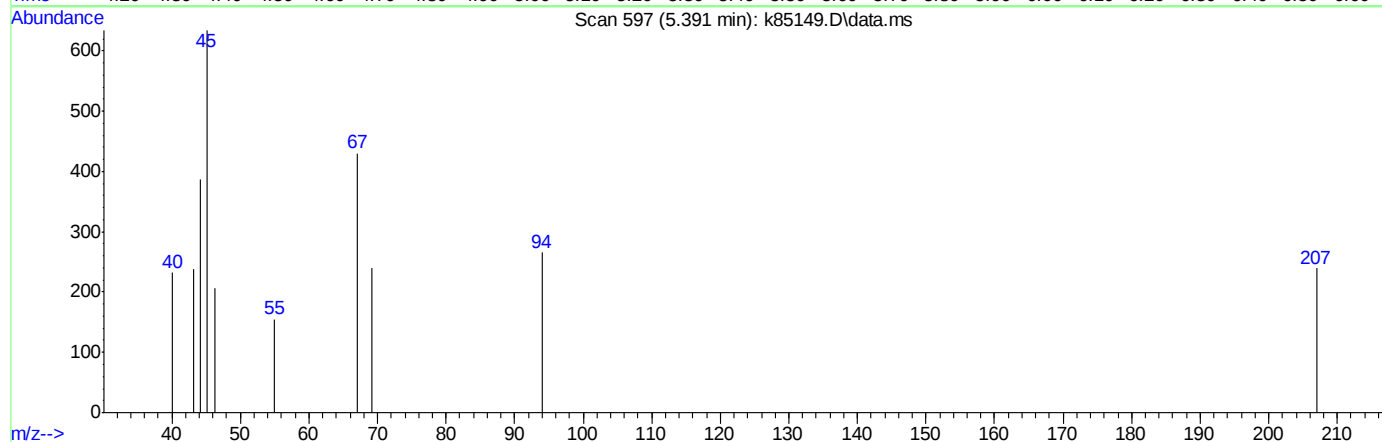
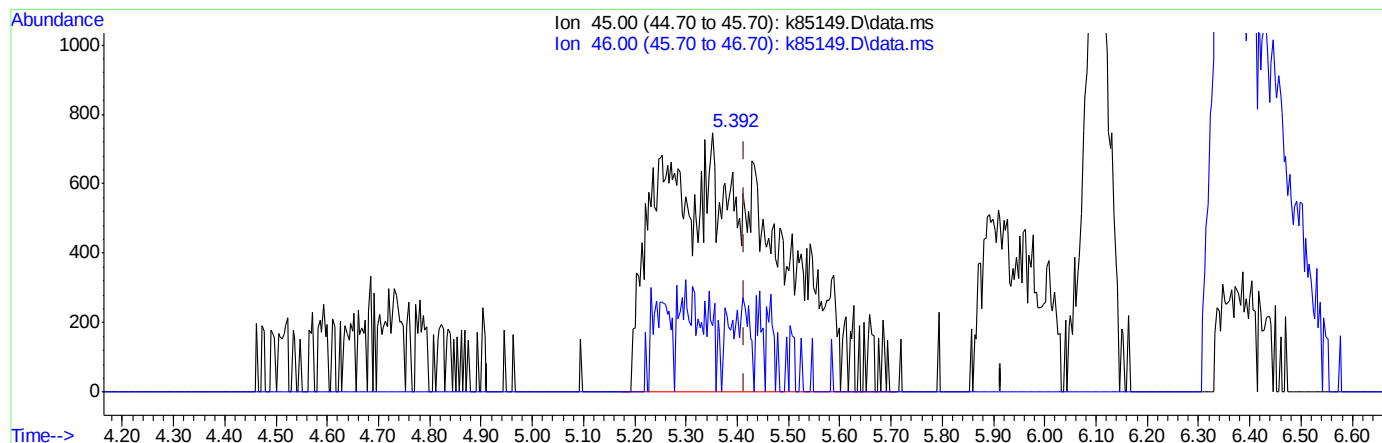
response 7155

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

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150203\
Data File : k85149.D
Acq On : 3 Feb 2015 12:17 pm
Operator : jaimem
Sample : ic2666-10
Misc : ms33796,msk2666,10,,100,10,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 03 14:29:52 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Tue Feb 03 14:29:38 2015
Response via : Initial Calibration



TIC: k85149.D\data.ms

(3) Ethanol (p)

5.391min (-0.024) 1048.00ug/kg m

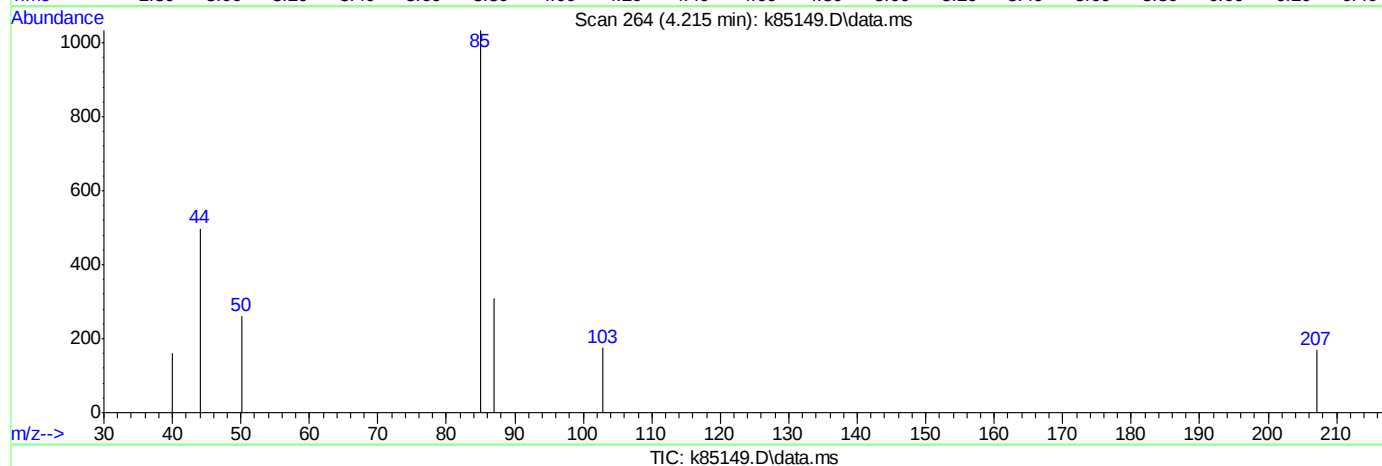
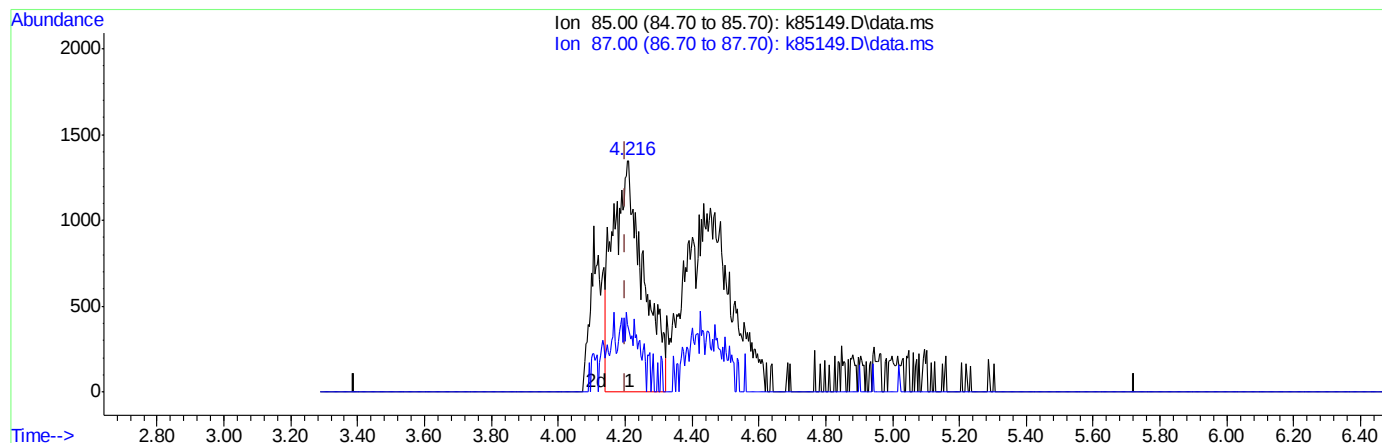
response 11959

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

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150203\
Data File : k85149.D
Acq On : 3 Feb 2015 12:17 pm
Operator : jaimem
Sample : ic2666-10
Misc : ms33796,msk2666,10,,100,10,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 03 14:29:52 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Tue Feb 03 14:29:38 2015
Response via : Initial Calibration



(5) dichlorodifluoromethane (p)

4.216min (+0.014) 9.81ug/kg

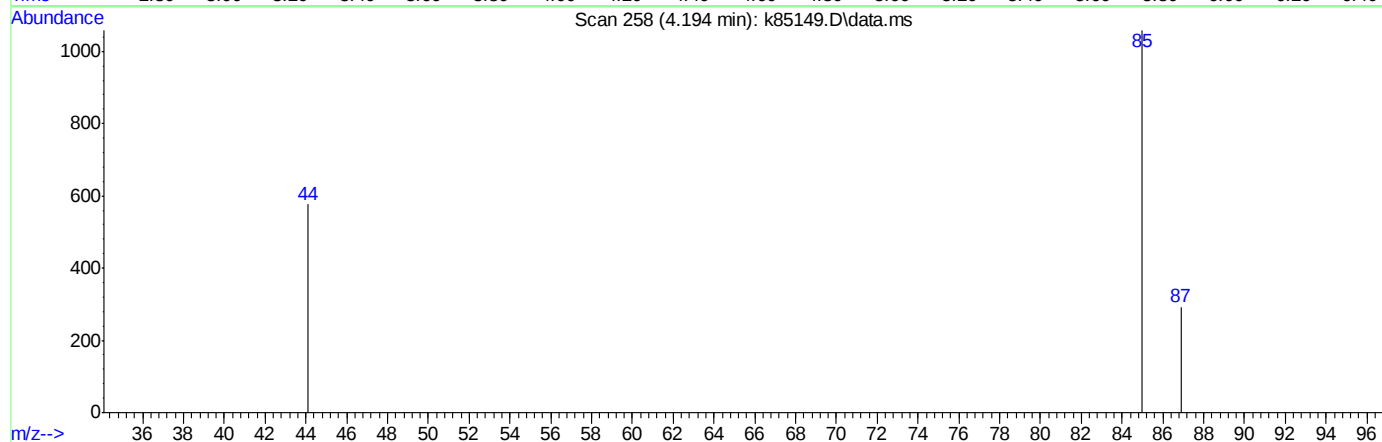
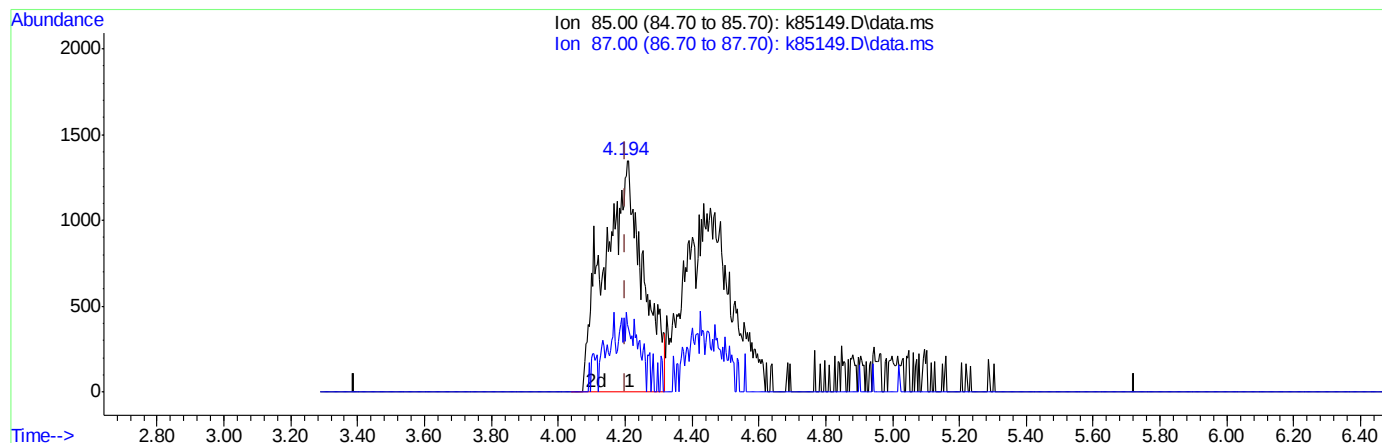
response 8471

Ion	Exp%	Act%
85.00	100	100
87.00	29.40	37.17
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150203\
Data File : k85149.D
Acq On : 3 Feb 2015 12:17 pm
Operator : jaimem
Sample : ic2666-10
Misc : ms33796,msk2666,10,,100,10,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 03 14:29:52 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Tue Feb 03 14:29:38 2015
Response via : Initial Calibration



TIC: k85149.D\data.ms

(5) dichlorodifluoromethane (p)

4.194min (-0.008) 12.49ug/kg m

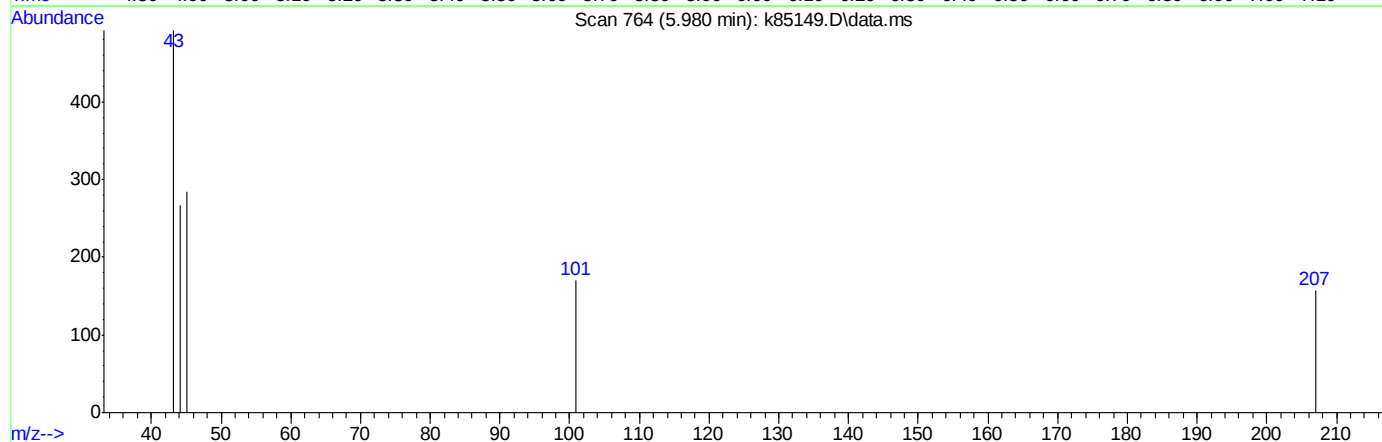
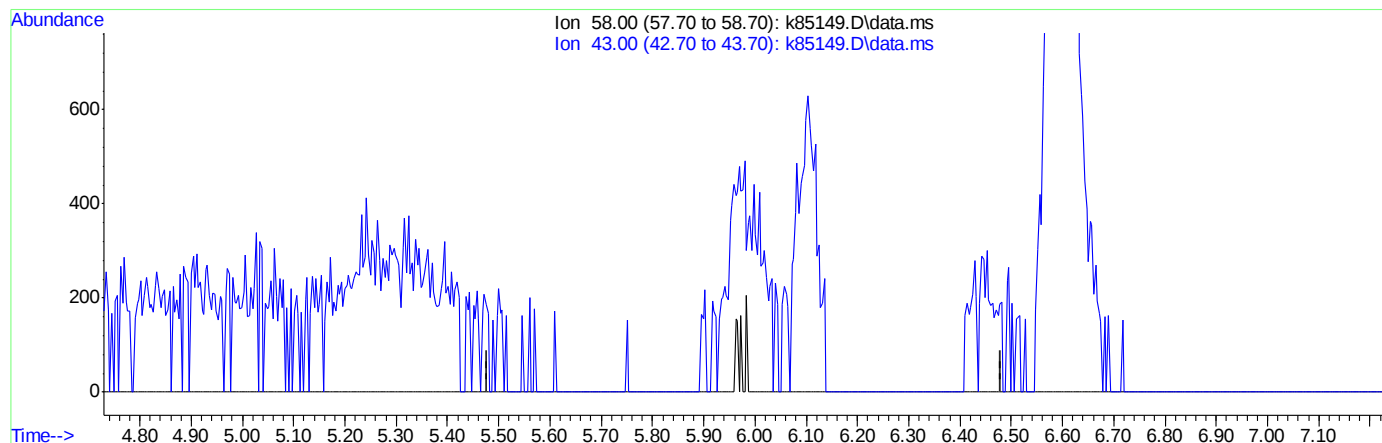
response 10782

Ion	Exp%	Act%
85.00	100	100
87.00	29.40	27.60
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150203\
Data File : k85149.D
Acq On : 3 Feb 2015 12:17 pm
Operator : jaimem
Sample : ic2666-10
Misc : ms33796,msk2666,10,,100,10,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 03 14:29:52 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Tue Feb 03 14:29:38 2015
Response via : Initial Calibration



(17) acetone (p)

5.980min (-5.980) 0.00ug/kg

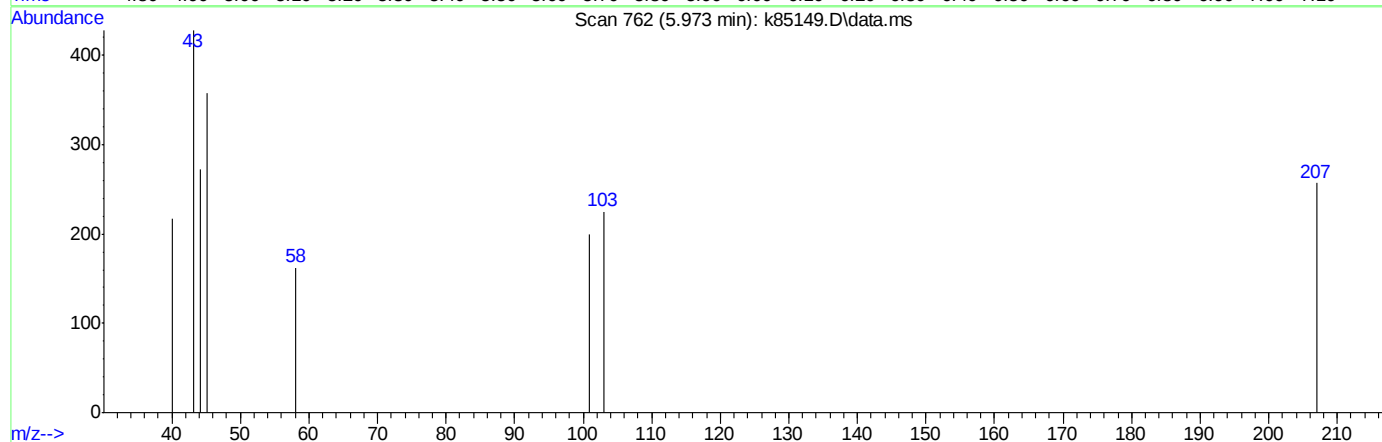
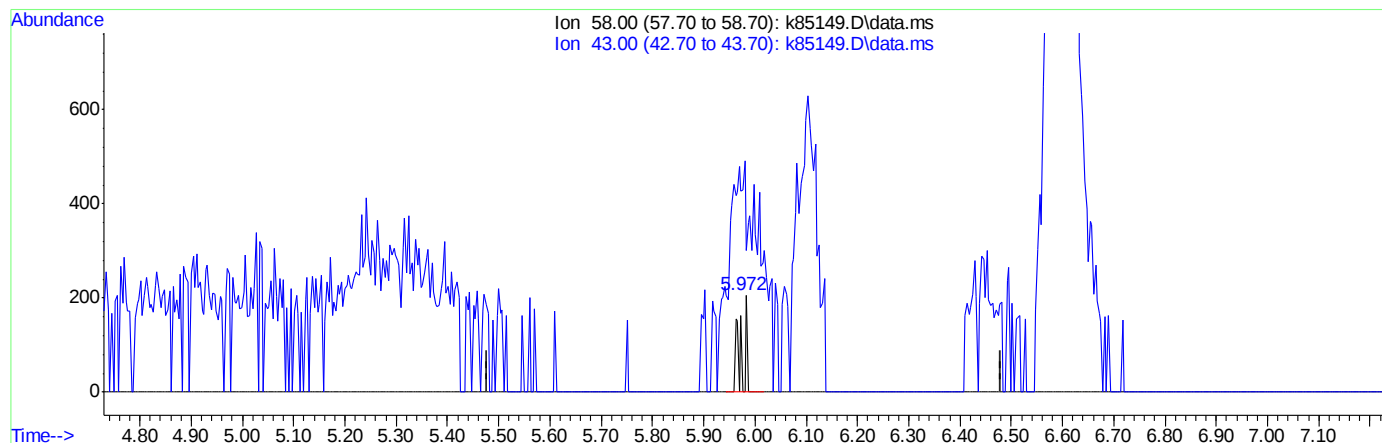
response 0

Ion	Exp%	Act%
58.00	100	0.00
43.00	21.80	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150203\
Data File : k85149.D
Acq On : 3 Feb 2015 12:17 pm
Operator : jaimem
Sample : ic2666-10
Misc : ms33796,msk2666,10,,100,10,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 03 14:29:52 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Tue Feb 03 14:29:38 2015
Response via : Initial Calibration



(17) acetone (p)

5.973min (-0.007) 4.54ug/kg m

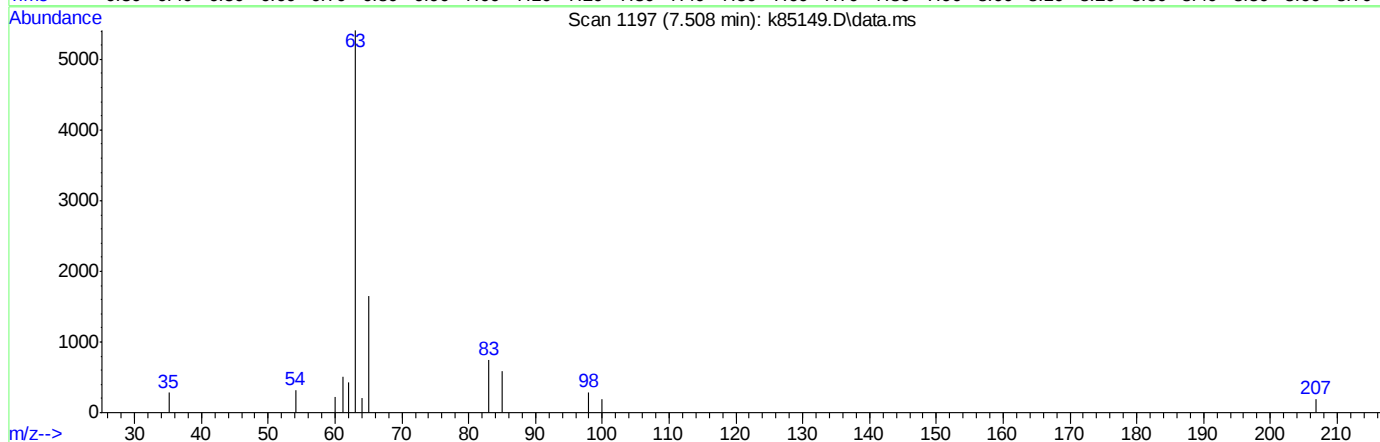
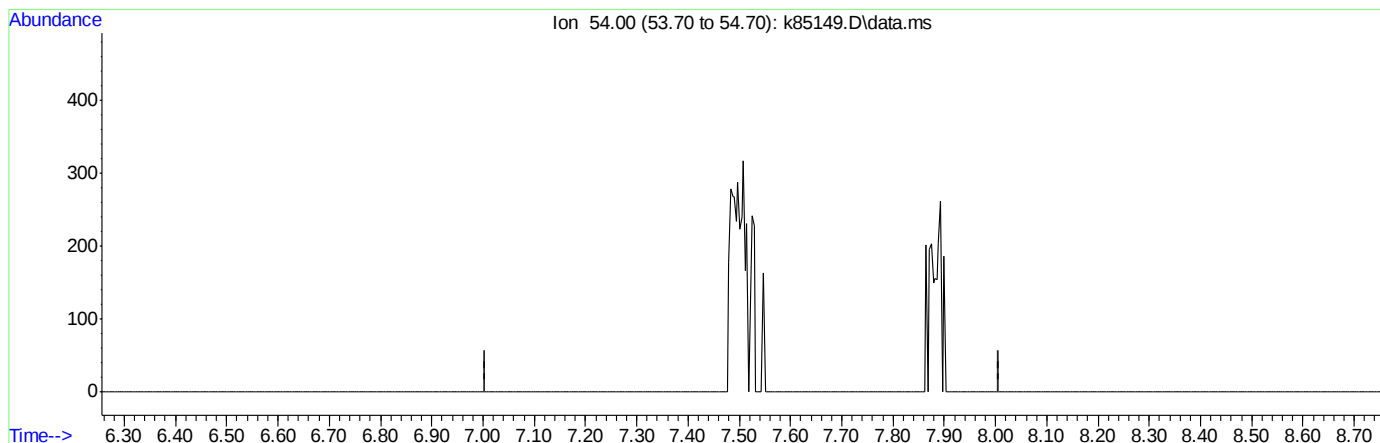
response 143

Ion	Exp%	Act%
58.00	100	100
43.00	21.80	264.20#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150203\
Data File : k85149.D
Acq On : 3 Feb 2015 12:17 pm
Operator : jaimem
Sample : ic2666-10
Misc : ms33796,msk2666,10,,100,10,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 03 14:29:52 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Tue Feb 03 14:29:38 2015
Response via : Initial Calibration



TIC: k85149.D\data.ms

(26) propionitrile (p)

7.506min (-7.506) 0.00ug/kg

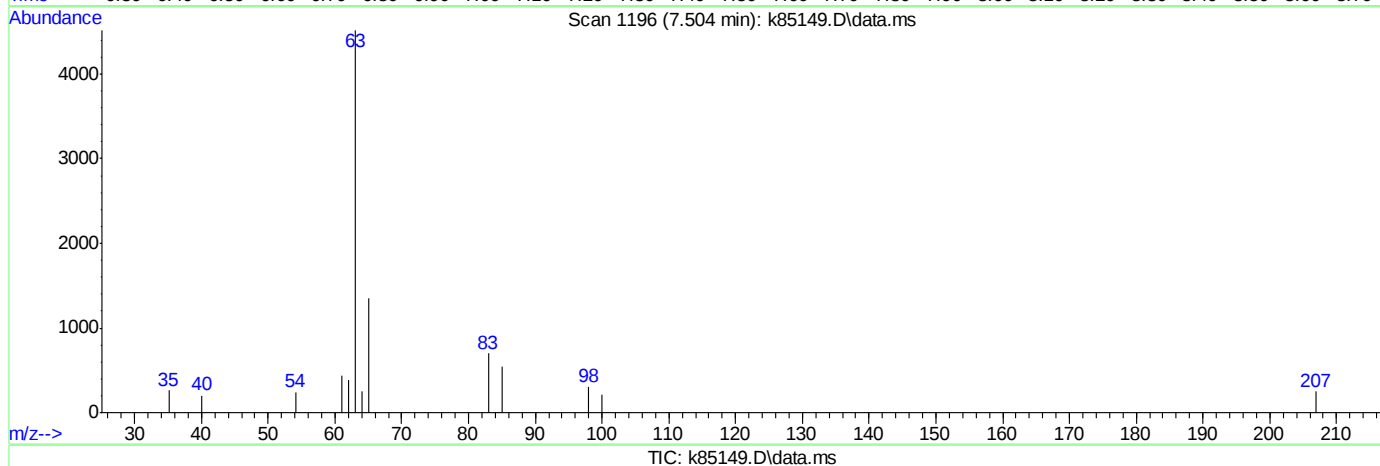
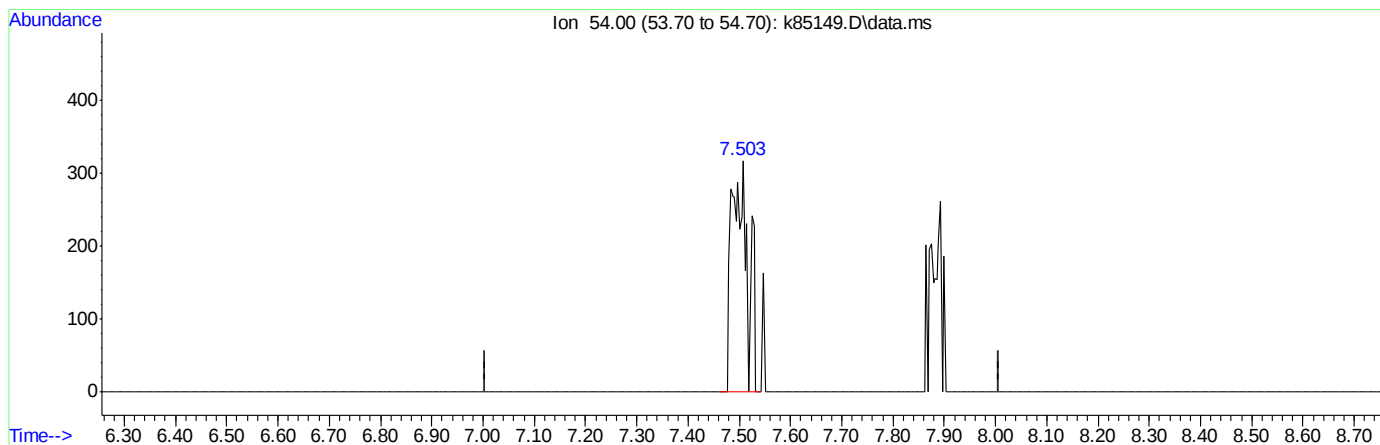
response 0

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

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150203\
Data File : k85149.D
Acq On : 3 Feb 2015 12:17 pm
Operator : jaimem
Sample : ic2666-10
Misc : ms33796,msk2666,10,,100,10,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 03 14:29:52 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Tue Feb 03 14:29:38 2015
Response via : Initial Calibration



(26) propionitrile (p)

7.504min (-0.002) 11.24ug/kg m

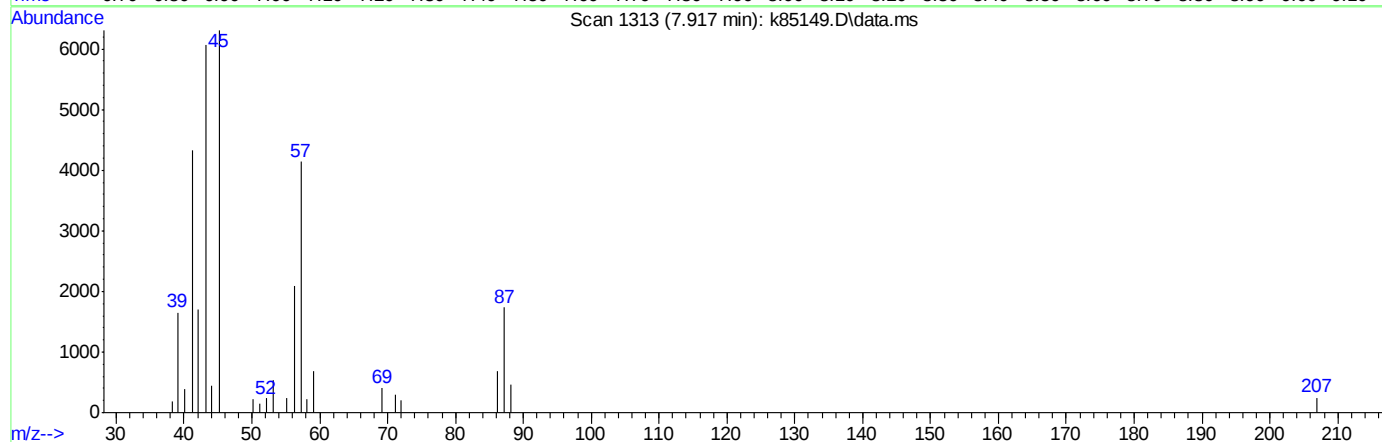
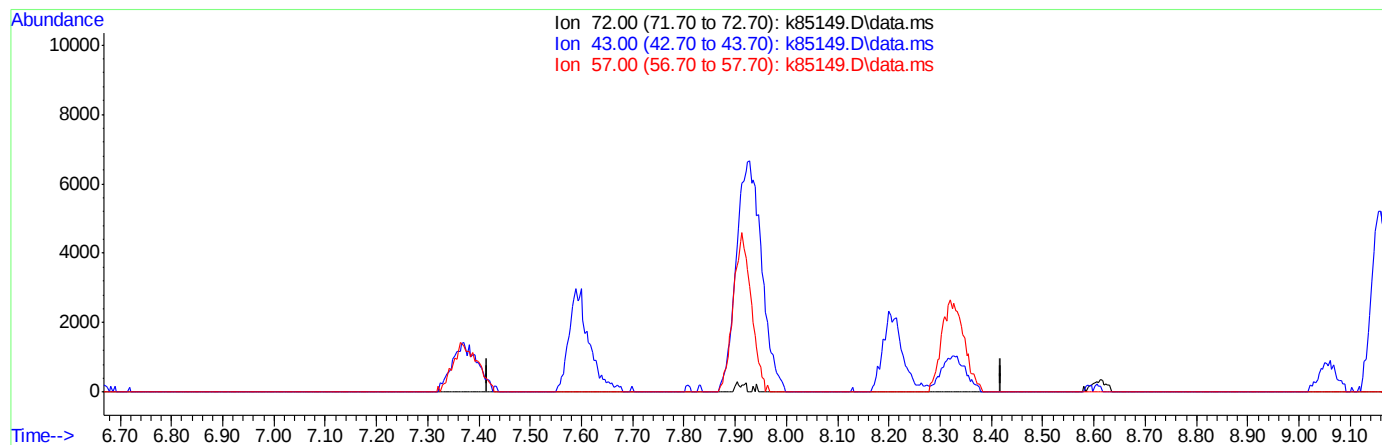
response 704

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

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150203\
Data File : k85149.D
Acq On : 3 Feb 2015 12:17 pm
Operator : jaimem
Sample : ic2666-10
Misc : ms33796,msk2666,10,,100,10,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 03 14:29:52 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Tue Feb 03 14:29:38 2015
Response via : Initial Calibration



TIC: k85149.D\data.ms

(31) 2-butanone (p)

7.918min (-7.918) 0.00ug/kg

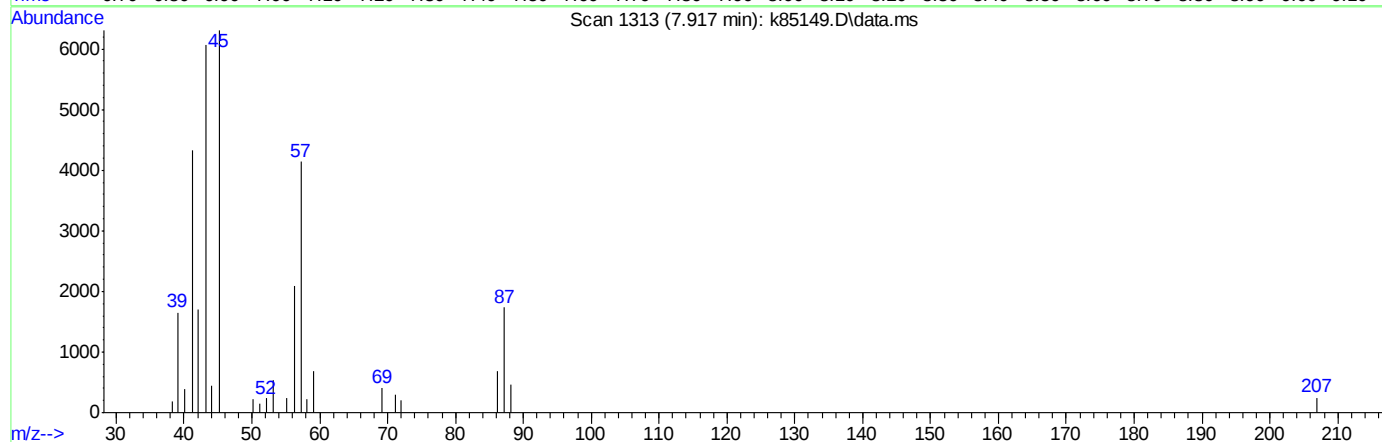
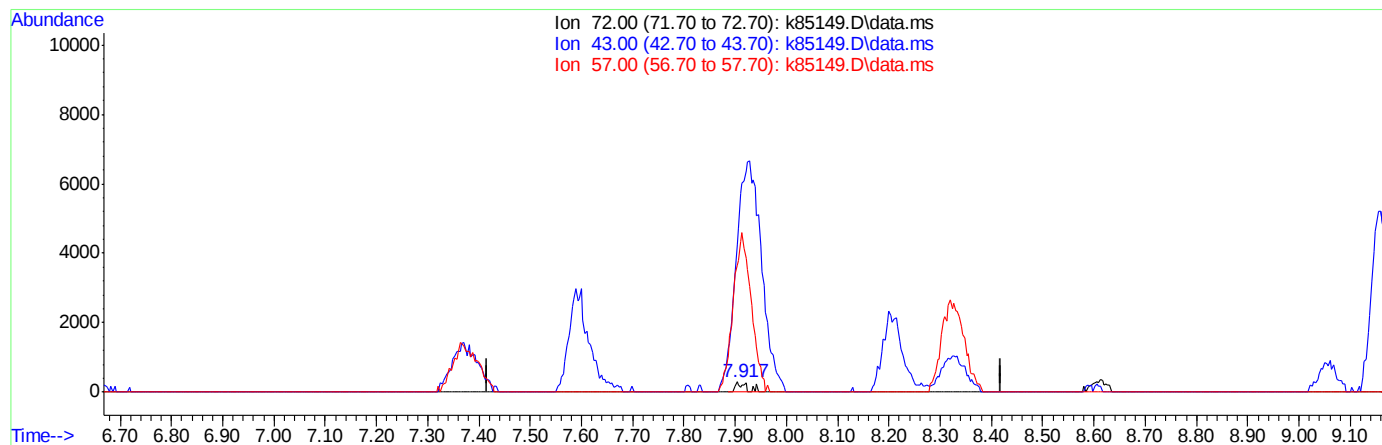
response 0

Ion	Exp%	Act%
72.00	100	0.00
43.00	6000.00	0.00#
57.00	4712.80	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150203\
Data File : k85149.D
Acq On : 3 Feb 2015 12:17 pm
Operator : jaimem
Sample : ic2666-10
Misc : ms33796,msk2666,10,,100,10,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 03 14:29:52 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Tue Feb 03 14:29:38 2015
Response via : Initial Calibration



(31) 2-butanone (p)

7.917min (-0.001) 6.21ug/kg m

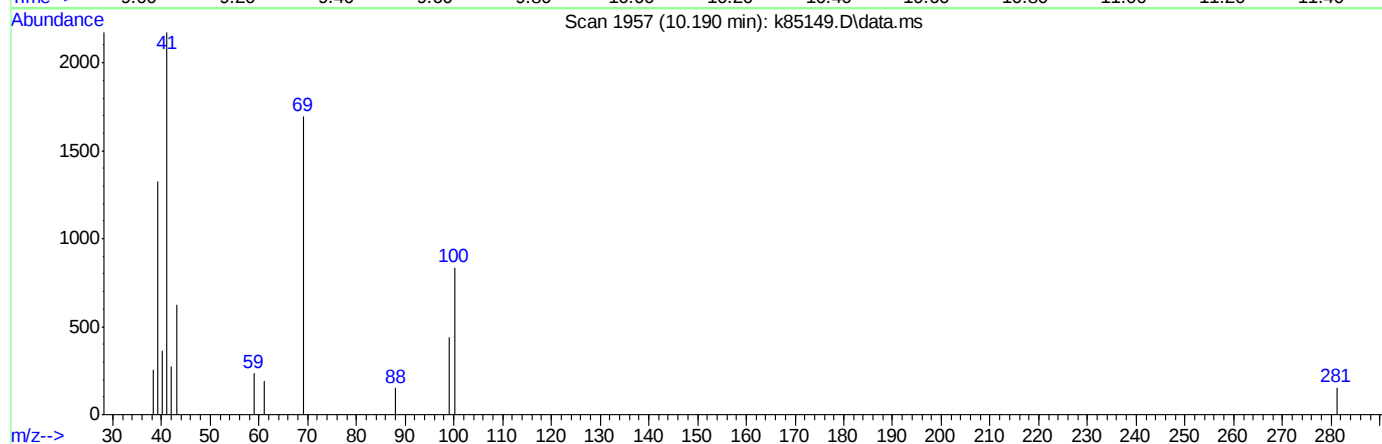
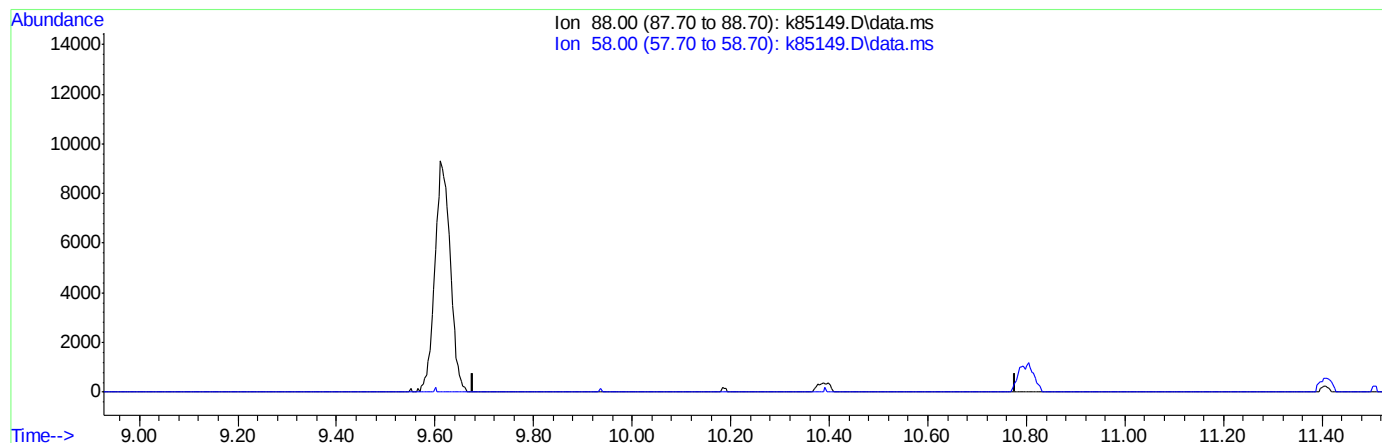
response 399

Ion	Exp%	Act%
72.00	100	100
43.00	6000.00	2990.15#
57.00	4712.80	2039.41#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150203\
Data File : k85149.D
Acq On : 3 Feb 2015 12:17 pm
Operator : jaimem
Sample : ic2666-10
Misc : ms33796,msk2666,10,,100,10,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 03 14:29:52 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Tue Feb 03 14:29:38 2015
Response via : Initial Calibration



TIC: k85149.D\data.ms

(59) 1,4-dioxane (p)

10.188min (-10.188) 0.00ug/kg

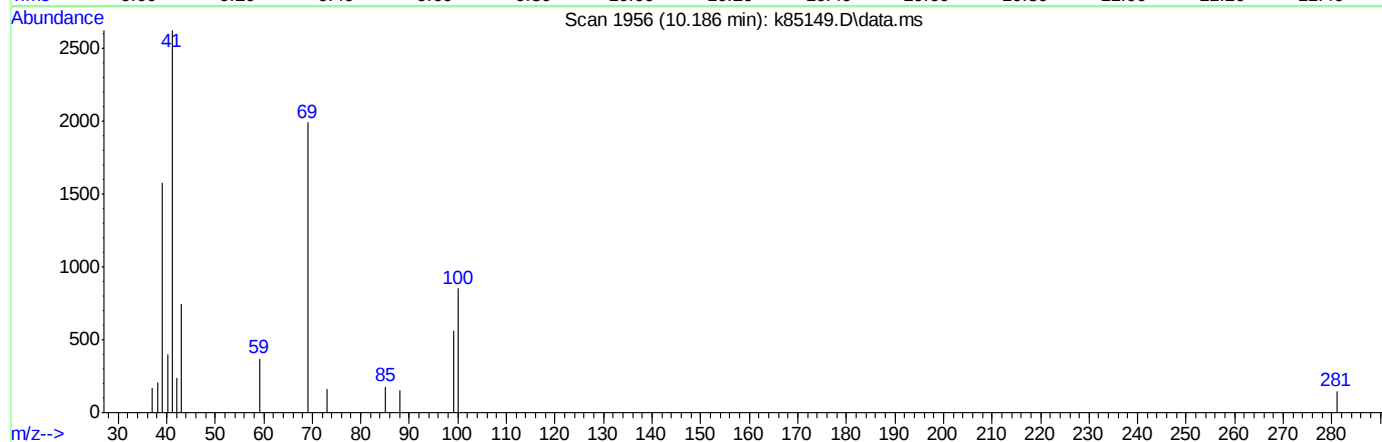
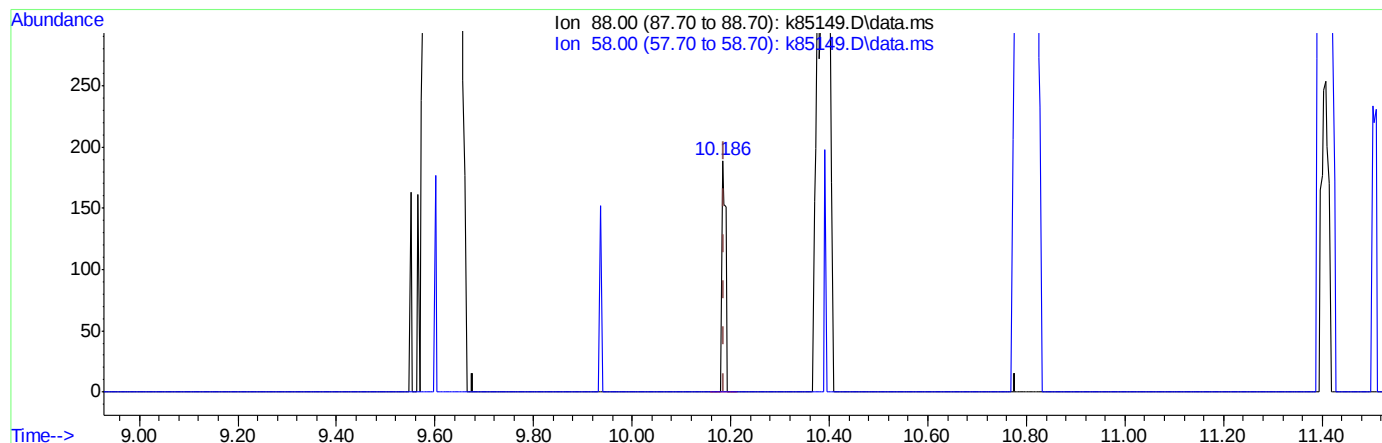
response 0

Ion	Exp%	Act%
88.00	100	0.00
58.00	103.80	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150203\
Data File : k85149.D
Acq On : 3 Feb 2015 12:17 pm
Operator : jaimem
Sample : ic2666-10
Misc : ms33796,msk2666,10,,100,10,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 03 14:29:52 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Tue Feb 03 14:29:38 2015
Response via : Initial Calibration



TIC: k85149.D\data.ms

(59) 1,4-dioxane (p)

10.186min (-0.002) 10.17ug/kg m

response 104

Ion	Exp%	Act%
88.00	100	100
58.00	103.80	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150203\
 Data File : k85150.D
 Acq On : 3 Feb 2015 12:45 pm
 Operator : jaimem
 Sample : ic2666-25
 Misc : ms33796,msk2666,10,,100,10,1
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 03 14:32:39 2015
 Quant Method : C:\msdchem\1\methods\K150203S.M
 Quant Title : SW-846 Method 8260
 QLast Update : Tue Feb 03 14:32:10 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Tert butyl alcohol-d9	6.403	65	39603	500.00	ug/kg	# 0.00
4) pentafluorobenzene	8.769	168	95143	50.00	ug/kg	0.00
44) 1,4-difluorobenzene	9.616	114	135964	50.00	ug/kg	0.00
67) chlorobenzene-d5	12.873	82	55263	50.00	ug/kg	0.00
82) 1,4-dichlorobenzene-d4	15.432	152	68393	50.00	ug/kg	0.00
System Monitoring Compounds						
41) dibromofluoromethane (s)	8.398	113	48912	49.57	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.14%		
61) toluene-d8 (s)	11.409	98	145245	51.13	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	102.26%		
84) bromofluorobenzene (s)	14.092	95	52456	50.94	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	101.88%		
Target Compounds						
						Qvalue
2) tertiary butyl alcohol	6.489	59	27113	246.20	ug/kg	92
3) Ethanol	5.391	45	27886	2549.86	ug/kg#	100
5) dichlorodifluoromethane	4.199	85	25179	28.01	ug/kg	92
6) chloromethane	4.405	50	39659	23.74	ug/kg	91
7) vinyl chloride	4.640	62	12433	24.73	ug/kg	92
8) bromomethane	5.133	96	23940	22.09	ug/kg	87
9) chloroethane	5.268	64	12237	23.11	ug/kg	81
10) dichlorofluoromethane	5.320	67	34478	24.83	ug/kg	100
11) ethyl ether	6.106	59	15209	24.85	ug/kg	97
12) acetonitrile	5.902	41	4371	29.94	ug/kg#	55
13) trichlorofluoromethane	5.890	101	29239	23.81	ug/kg	98
14) freon-113	6.659	101	12896	25.88	ug/kg	82
15) acrolein	5.854	56	7801	114.55	ug/kg	100
16) 1,1-dichloroethene	6.455	96	22425	23.84	ug/kg#	78
17) acetone	5.973	58	325m	14.48	ug/kg	
18) Methyl Acetate	6.599	43	20315	25.02	ug/kg#	85
19) methylene chloride	6.596	84	26089	24.65	ug/kg#	78
20) methyl tert butyl ether	7.377	73	53889	25.21	ug/kg	92
21) acrylonitrile	6.485	53	7086	26.20	ug/kg	90
22) allyl chloride	6.680	41	33540	25.51	ug/kg	69
23) trans-1,2-dichloroethene	7.265	96	25892	23.86	ug/kg	90
24) iodomethane	6.504	142	55990	24.92	ug/kg	99
25) carbon disulfide	6.869	76	79248	25.22	ug/kg	99
26) propionitrile	7.507	54	2466	38.57	ug/kg	100
27) vinyl acetate	7.598	43	20318	25.82	ug/kg	93
28) chloroprene	7.882	53	29673	24.49	ug/kg	59
29) di-isopropyl ether	7.937	45	66540	24.33	ug/kg	95
30) methacrylonitrile	8.016	41	10252	24.75	ug/kg	70
31) 2-butanone	7.918	72	1388	27.19	ug/kg#	1
32) Hexane	7.922	41	32027	24.67	ug/kg#	55
33) 1,1-dichloroethane	7.520	63	40588	24.91	ug/kg	93
34) tert-butyl ethyl ether	8.326	59	63066	24.59	ug/kg	91
35) isobutyl alcohol	8.328	43	8234	127.35	ug/kg#	55
36) 2,2-dichloropropane	8.382	77	33400	24.99	ug/kg	88

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150203\
 Data File : k85150.D
 Acq On : 3 Feb 2015 12:45 pm
 Operator : jaimem
 Sample : ic2666-25
 Misc : ms33796,msk2666,10,,100,10,1
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 03 14:32:39 2015
 Quant Method : C:\msdchem\1\methods\K150203S.M
 Quant Title : SW-846 Method 8260
 QLast Update : Tue Feb 03 14:32:10 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) cis-1,2-dichloroethene	8.094	96	26455	24.24	ug/kg	90
38) ethyl acetate	8.207	43	14859	24.45	ug/kg	99
39) bromochloromethane	8.246	128	16062	24.76	ug/kg	89
40) chloroform	8.285	83	41569	23.88	ug/kg	93
42) Tetrahydrofuran	8.609	42	5316	25.88	ug/kg	68
43) 1,1,1-trichloroethane	9.043	97	40324	24.74	ug/kg	98
45) Cyclohexane	9.341	56	32528	24.62	ug/kg#	79
46) carbon tetrachloride	9.403	117	40815	24.14	ug/kg	98
47) 1,1-dichloropropene	9.216	75	28110	24.34	ug/kg	96
48) benzene	9.414	78	81912	23.07	ug/kg	93
49) 1,2-dichloroethane	8.923	62	27953	24.88	ug/kg	94
50) tert-amyl methyl ether	9.565	73	59626	23.63	ug/kg	87
51) heptane	9.928	43	24387	25.53	ug/kg	89
52) trichloroethene	10.052	95	24178	24.62	ug/kg	88
53) 1,2-dichloropropane	10.006	63	19814	24.73	ug/kg	100
54) dibromomethane	9.980	93	14683	24.91	ug/kg	86
55) bromodichloromethane	10.092	83	28660	25.31	ug/kg	90
56) Methylcyclohexane	10.588	83	38140	25.38	ug/kg#	83
57) 2-chloroethyl vinyl ether	10.464	63	9720	20.60	ug/kg	97
58) methyl methacrylate	10.183	69	10531	25.36	ug/kg#	53
59) 1,4-dioxane	10.176	88	1059	176.44	ug/kg	93
60) cis-1,3-dichloropropene	10.718	75	30104	24.87	ug/kg	87
62) 4-methyl-2-pentanone	10.800	43	16204	24.47	ug/kg	92
63) toluene	11.481	92	49087	23.71	ug/kg	88
64) trans-1,3-dichloropropene	11.130	75	25763	24.71	ug/kg	99
65) 1,1,2-trichloroethane	11.301	83	13858	24.18	ug/kg	90
66) ethyl methacrylate	11.504	69	19775	25.43	ug/kg	90
68) tetrachloroethene	12.238	166	26292	24.02	ug/kg	97
69) 1,3-dichloropropane	11.539	76	24555	24.52	ug/kg	91
70) dibromochloromethane	11.819	129	24897	24.82	ug/kg	92
71) 1,2-dibromoethane	12.067	107	18994	24.26	ug/kg	85
72) 2-hexanone	11.656	43	7819	23.81	ug/kg	93
73) chlorobenzene	12.908	112	59279	23.59	ug/kg	98
74) 1,1,1,2-tetrachloroethane	12.835	131	29978	24.99	ug/kg	81
75) ethylbenzene	13.079	91	90930	22.34	ug/kg	96
76) m,p-xylene	13.262	106	75604	47.97	ug/kg	94
77) o-xylene	13.675	106	40372	23.69	ug/kg	86
78) styrene	13.598	104	58463	24.52	ug/kg	82
79) bromoform	13.418	173	14980	25.03	ug/kg	82
80) cis-1,4-dichloro-2-butene	13.507	88	6989	24.38	ug/kg#	75
81) trans-1,4-dichloro-2-b...	13.828	53	5464	25.88	ug/kg#	48
83) isopropylbenzene	14.041	105	110572	24.82	ug/kg	98
85) bromobenzene	14.326	156	30259	25.19	ug/kg	89
86) 1,1,2,2-tetrachloroethane	13.686	83	22637	24.91	ug/kg	96
87) 1,2,3-trichloropropane	13.828	75	23606	24.62	ug/kg	97
88) n-propylbenzene	14.487	91	115354	24.93	ug/kg	97
89) 2-chlorotoluene	14.607	91	69884	24.79	ug/kg	95
90) 4-chlorotoluene	14.684	91	65790	24.37	ug/kg	95
91) 1,3,5-trimethylbenzene	14.758	105	93930	24.56	ug/kg	92
92) tert-butylbenzene	15.065	91	49554	25.04	ug/kg	99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150203\
Data File : k85150.D
Acq On : 3 Feb 2015 12:45 pm
Operator : jaimem
Sample : ic2666-25
Misc : ms33796,msk2666,10,,100,10,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 03 14:32:39 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Tue Feb 03 14:32:10 2015
Response via : Initial Calibration

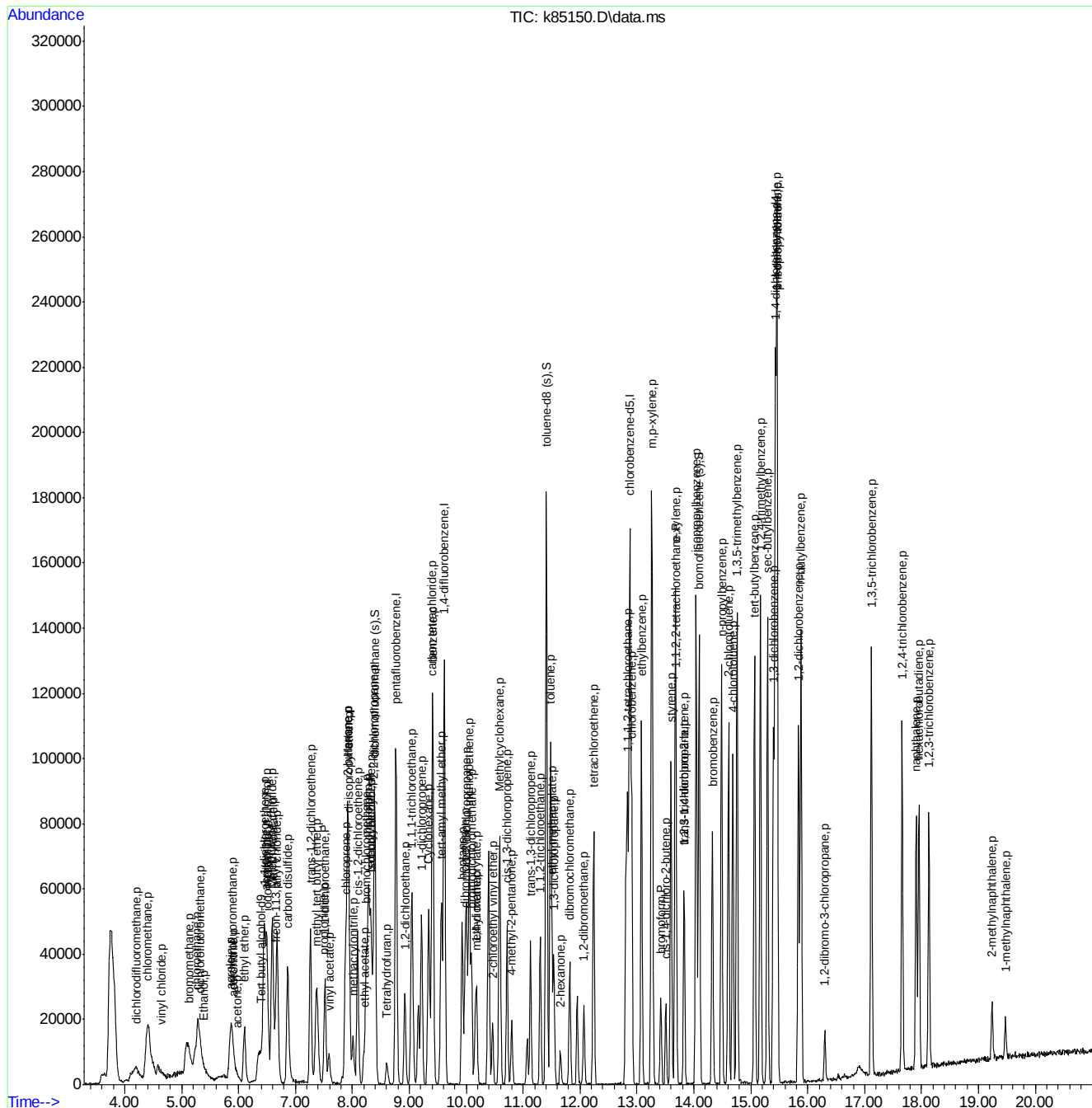
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93)	1,2,4-trimethylbenzene	15.169	105	96110	24.17	ug/kg	91
94)	sec-butylbenzene	15.293	105	121125	25.22	ug/kg	98
95)	1,3-dichlorobenzene	15.397	146	56890	24.55	ug/kg	93
96)	p-isopropyltoluene	15.461	119	109322	25.25	ug/kg	97
97)	1,4-dichlorobenzene	15.459	146	55095	24.20	ug/kg	98
98)	1,2-dichlorobenzene	15.837	146	58477	25.03	ug/kg	95
99)	n-butylbenzene	15.881	91	87896	24.86	ug/kg	89
100)	1,2-dibromo-3-chloropr...	16.301	75	4029	26.35	ug/kg	92
101)	1,3,5-trichlorobenzene	17.119	180	50499	24.98	ug/kg	100
102)	1,2,4-trichlorobenzene	17.659	180	40316	25.08	ug/kg	98
103)	hexachlorobutadiene	17.954	225	18407	25.12	ug/kg	88
104)	naphthalene	17.905	128	77857	25.06	ug/kg	100
105)	1,2,3-trichlorobenzene	18.130	180	29936	25.42	ug/kg	96
106)	2-methylnaphthalene	19.239	142	11692	12.15	ug/kg	98
107)	1-methylnaphthalene	19.474	142	7854	11.40	ug/kg#	1

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150203\
Data File : k85150.D
Acq On : 3 Feb 2015 12:45 pm
Operator : jaimem
Sample : ic2666-25
Misc : ms33796,msk2666,10,,100,10,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 03 14:32:39 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Tue Feb 03 14:32:10 2015
Response via : Initial Calibration



K150203S.M Tue Feb 03 15:10:46 2015

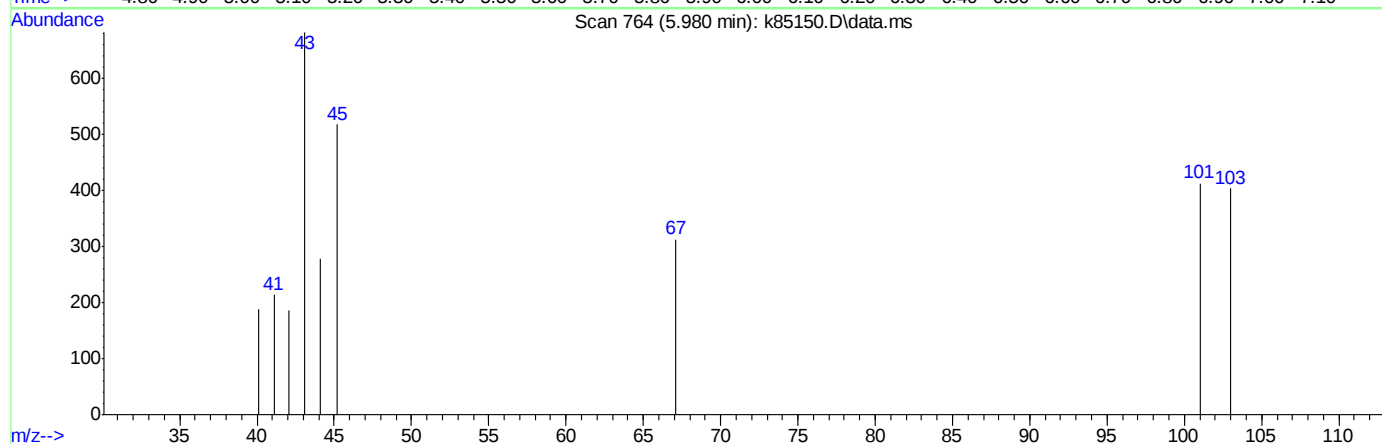
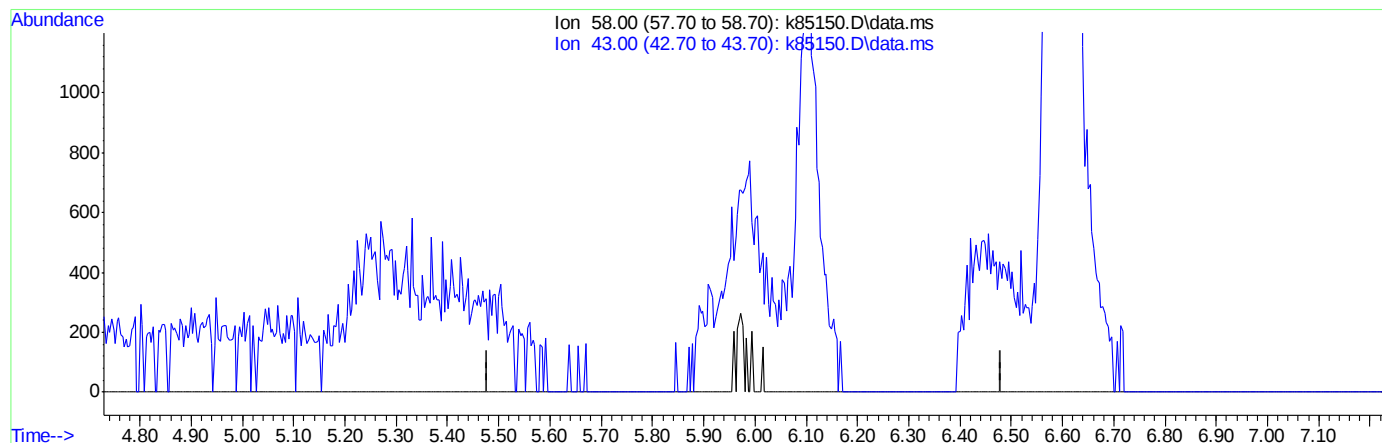
Page: 4

7.6.6

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150203\
Data File : k85150.D
Acq On : 3 Feb 2015 12:45 pm
Operator : jaimem
Sample : ic2666-25
Misc : ms33796,msk2666,10,,100,10,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 03 14:32:16 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Tue Feb 03 14:32:10 2015
Response via : Initial Calibration



TIC: k85150.D\data.ms

(17) acetone (p)

5.980min (-5.980) 0.00ug/kg

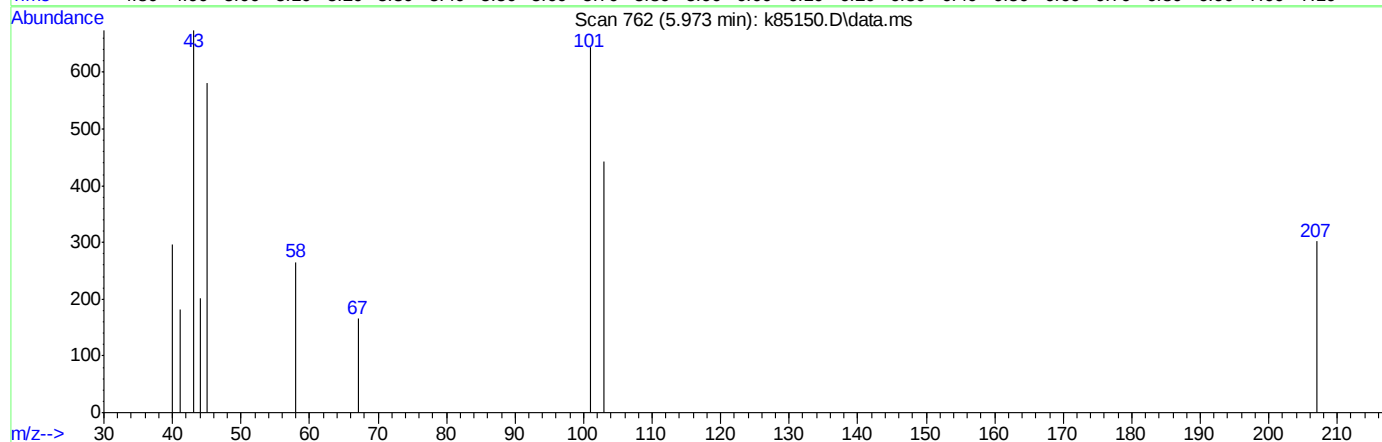
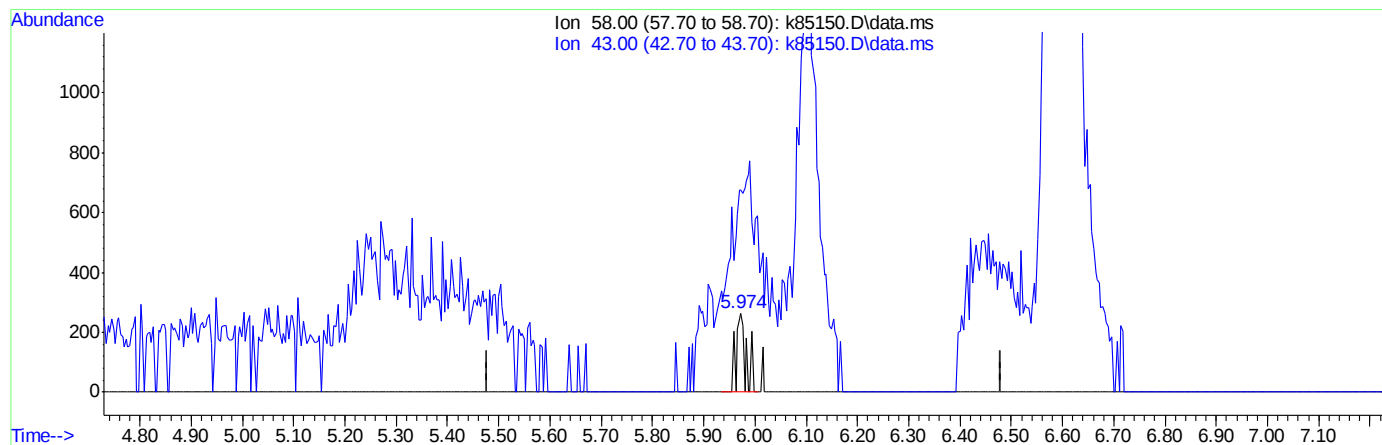
response 0

Ion	Exp%	Act%
58.00	100	0.00
43.00	21.80	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150203\
Data File : k85150.D
Acq On : 3 Feb 2015 12:45 pm
Operator : jaimem
Sample : ic2666-25
Misc : ms33796,msk2666,10,,100,10,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 03 14:32:16 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Tue Feb 03 14:32:10 2015
Response via : Initial Calibration



TIC: k85150.D\data.ms

(17) acetone (p)

5.973min (-0.007) 14.48ug/kg m

response 325

Ion	Exp%	Act%
58.00	100	100
43.00	21.80	254.34#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150203\
 Data File : k85151.D
 Acq On : 3 Feb 2015 1:13 pm
 Operator : jaimem
 Sample : icc2666-50
 Misc : ms33796,msk2666,10,,100,10,1
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 03 14:34:34 2015
 Quant Method : C:\msdchem\1\methods\K150203S.M
 Quant Title : SW-846 Method 8260
 QLast Update : Tue Feb 03 14:34:00 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Tert butyl alcohol-d9	6.408	65	40578	500.00	ug/kg	# 0.00
4) pentafluorobenzene	8.769	168	99434	50.00	ug/kg	0.00
44) 1,4-difluorobenzene	9.617	114	142532	50.00	ug/kg	0.00
67) chlorobenzene-d5	12.872	82	59941	50.00	ug/kg	0.00
82) 1,4-dichlorobenzene-d4	15.432	152	70621	50.00	ug/kg	0.00
System Monitoring Compounds						
41) dibromofluoromethane (s)	8.399	113	51370	49.87	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.74%		
61) toluene-d8 (s)	11.409	98	154394	51.68	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	103.36%		
84) bromofluorobenzene (s)	14.092	95	54781	51.38	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	102.76%		
Target Compounds						
						Qvalue
2) tertiary butyl alcohol	6.498	59	54174	481.93	ug/kg#	76
3) Ethanol	5.422	45	56958m	5062.84	ug/kg	
5) dichlorodifluoromethane	4.201	85	52805m	54.88	ug/kg	
6) chloromethane	4.410	50	84439	48.97	ug/kg	96
7) vinyl chloride	4.635	62	28168	53.73	ug/kg	86
8) bromomethane	5.170	96	57286	51.79	ug/kg	91
9) chloroethane	5.273	64	25877	47.66	ug/kg	74
10) dichlorofluoromethane	5.325	67	67128	46.33	ug/kg	100
11) ethyl ether	6.106	59	30645	47.98	ug/kg	92
12) acetonitrile	5.900	41	8086	49.72	ug/kg	73
13) trichlorofluoromethane	5.896	101	63205	49.72	ug/kg	95
14) freon-113	6.659	101	23840	45.38	ug/kg	84
15) acrolein	5.853	56	16625	238.58	ug/kg	100
16) 1,1-dichloroethene	6.454	96	45374	46.59	ug/kg#	72
17) acetone	5.987	58	1826	90.52	ug/kg#	1
18) Methyl Acetate	6.600	43	41479	48.87	ug/kg#	89
19) methylene chloride	6.596	84	51813	46.98	ug/kg#	78
20) methyl tert butyl ether	7.378	73	105263	47.03	ug/kg	91
21) acrylonitrile	6.483	53	14644	51.19	ug/kg	91
22) allyl chloride	6.680	41	65621	47.51	ug/kg	74
23) trans-1,2-dichloroethene	7.266	96	50636	45.06	ug/kg	94
24) iodomethane	6.504	142	112560	47.98	ug/kg	95
25) carbon disulfide	6.869	76	157796	47.95	ug/kg	99
26) propionitrile	7.506	54	5336	70.31	ug/kg	100
27) vinyl acetate	7.596	43	42196	50.89	ug/kg	94
28) chloroprene	7.882	53	60270	47.84	ug/kg	63
29) di-isopropyl ether	7.937	45	133369	46.92	ug/kg	95
30) methacrylonitrile	8.016	41	20736	48.02	ug/kg#	67
31) 2-butanone	7.918	72	3291	59.94	ug/kg#	1
32) Hexane	7.923	41	63356	46.85	ug/kg#	70
33) 1,1-dichloroethane	7.521	63	79916	46.96	ug/kg	91
34) tert-butyl ethyl ether	8.327	59	122300	45.77	ug/kg	88
35) isobutyl alcohol	8.332	43	15518	228.58	ug/kg	87
36) 2,2-dichloropropane	8.382	77	65397	46.82	ug/kg	95

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150203\
 Data File : k85151.D
 Acq On : 3 Feb 2015 1:13 pm
 Operator : jaimem
 Sample : icc2666-50
 Misc : ms33796,msk2666,10,,100,10,1
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 03 14:34:34 2015
 Quant Method : C:\msdchem\1\methods\K150203S.M
 Quant Title : SW-846 Method 8260
 QLast Update : Tue Feb 03 14:34:00 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) cis-1,2-dichloroethene	8.094	96	54153	47.77	ug/kg	86
38) ethyl acetate	8.207	43	30940	48.98	ug/kg	97
39) bromochloromethane	8.247	128	32366	47.86	ug/kg	90
40) chloroform	8.286	83	83026	46.05	ug/kg	92
42) Tetrahydrofuran	8.611	42	10639	49.12	ug/kg	76
43) 1,1,1-trichloroethane	9.044	97	80748	47.50	ug/kg	97
45) Cyclohexane	9.342	56	63672	46.15	ug/kg#	84
46) carbon tetrachloride	9.404	117	81297	46.19	ug/kg	96
47) 1,1-dichloropropene	9.217	75	57929	48.16	ug/kg	98
48) benzene	9.415	78	163409	44.40	ug/kg	92
49) 1,2-dichloroethane	8.924	62	57895	49.20	ug/kg	95
50) tert-amyl methyl ether	9.565	73	117995	45.23	ug/kg	81
51) heptane	9.929	43	49435	49.10	ug/kg	87
52) trichloroethene	10.054	95	48131	46.86	ug/kg	97
53) 1,2-dichloropropane	10.007	63	41245	49.22	ug/kg	94
54) dibromomethane	9.981	93	30803	49.89	ug/kg	88
55) bromodichloromethane	10.093	83	60338	50.71	ug/kg	94
56) Methylcyclohexane	10.589	83	75437	47.70	ug/kg#	81
57) 2-chloroethyl vinyl ether	10.464	63	22887	48.40	ug/kg	97
58) methyl methacrylate	10.182	69	22197	50.81	ug/kg#	57
59) 1,4-dioxane	10.188	88	2614	365.34	ug/kg	99
60) cis-1,3-dichloropropene	10.718	75	63142	49.81	ug/kg	87
62) 4-methyl-2-pentanone	10.800	43	35213	50.99	ug/kg	92
63) toluene	11.482	92	102187	47.44	ug/kg	96
64) trans-1,3-dichloropropene	11.130	75	54438	49.92	ug/kg	96
65) 1,1,2-trichloroethane	11.301	83	29336	49.15	ug/kg	90
66) ethyl methacrylate	11.504	69	41654	50.87	ug/kg	90
68) tetrachloroethene	12.239	166	54659	46.30	ug/kg	94
69) 1,3-dichloropropane	11.540	76	51830	47.95	ug/kg	97
70) dibromochloromethane	11.820	129	53163	48.93	ug/kg	94
71) 1,2-dibromoethane	12.067	107	39310	46.57	ug/kg	89
72) 2-hexanone	11.654	43	16693	47.62	ug/kg	98
73) chlorobenzene	12.908	112	123813	45.95	ug/kg	97
74) 1,1,1,2-tetrachloroethane	12.835	131	63302	48.65	ug/kg	84
75) ethylbenzene	13.079	91	191837	44.12	ug/kg	97
76) m,p-xylene	13.262	106	156271	92.17	ug/kg	96
77) o-xylene	13.675	106	86030	47.03	ug/kg	83
78) styrene	13.598	104	123204	47.87	ug/kg	80
79) bromoform	13.419	173	32546	50.13	ug/kg	97
80) cis-1,4-dichloro-2-butene	13.507	88	15638	50.61	ug/kg#	79
81) trans-1,4-dichloro-2-b...	13.828	53	10951	47.41	ug/kg#	36
83) isopropylbenzene	14.040	105	233005	50.75	ug/kg	96
85) bromobenzene	14.326	156	62606	50.38	ug/kg	87
86) 1,1,2,2-tetrachloroethane	13.686	83	46749	49.85	ug/kg	93
87) 1,2,3-trichloropropane	13.828	75	49179	49.87	ug/kg	100
88) n-propylbenzene	14.487	91	239178	50.09	ug/kg	98
89) 2-chlorotoluene	14.607	91	143599	49.44	ug/kg	99
90) 4-chlorotoluene	14.684	91	136589	49.30	ug/kg	98
91) 1,3,5-trimethylbenzene	14.758	105	193200	49.07	ug/kg	93
92) tert-butylbenzene	15.065	91	105006	51.37	ug/kg	97

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150203\
Data File : k85151.D
Acq On : 3 Feb 2015 1:13 pm
Operator : jaimem
Sample : icc2666-50
Misc : ms33796,msk2666,10,,100,10,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 03 14:34:34 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Tue Feb 03 14:34:00 2015
Response via : Initial Calibration

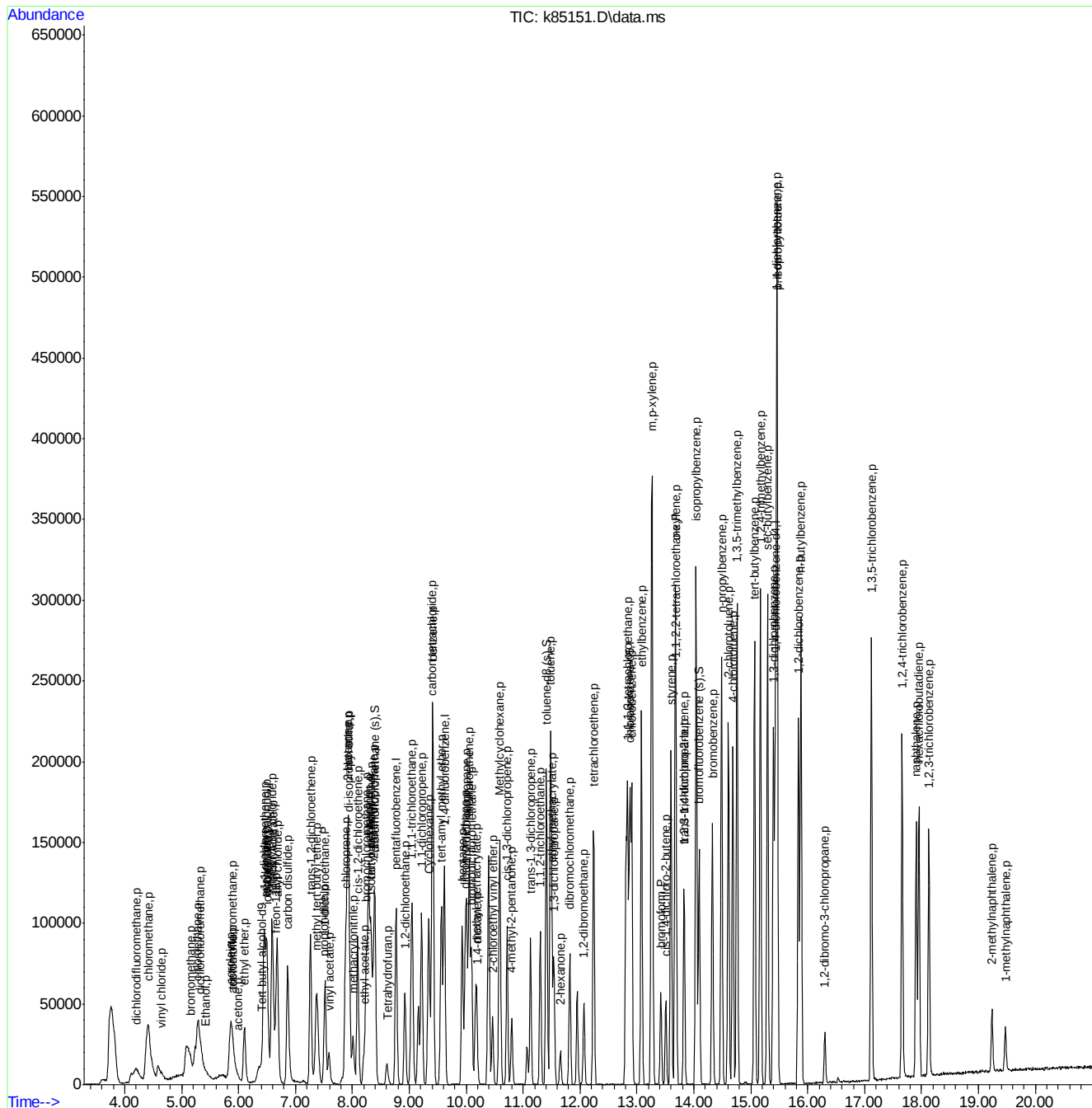
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93)	1,2,4-trimethylbenzene	15.168	105	198585	48.64	ug/kg	86
94)	sec-butylbenzene	15.294	105	252671	50.84	ug/kg	99
95)	1,3-dichlorobenzene	15.397	146	114916	48.20	ug/kg	99
96)	p-isopropyltoluene	15.461	119	225586	50.34	ug/kg	98
97)	1,4-dichlorobenzene	15.459	146	113231	48.48	ug/kg	96
98)	1,2-dichlorobenzene	15.837	146	119397	49.48	ug/kg	97
99)	n-butylbenzene	15.881	91	181743	49.85	ug/kg	89
100)	1,2-dibromo-3-chloropr...	16.301	75	8430	52.68	ug/kg	88
101)	1,3,5-trichlorobenzene	17.119	180	105252	50.44	ug/kg	99
102)	1,2,4-trichlorobenzene	17.659	180	82488	49.66	ug/kg	96
103)	hexachlorobutadiene	17.953	225	37071	48.94	ug/kg	93
104)	naphthalene	17.905	128	158898	49.50	ug/kg	100
105)	1,2,3-trichlorobenzene	18.129	180	59406	48.65	ug/kg	99
106)	2-methylnaphthalene	19.238	142	24687	25.02	ug/kg	96
107)	1-methylnaphthalene	19.473	142	18029	25.91	ug/kg#	1

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150203\
Data File : k85151.D
Acq On : 3 Feb 2015 1:13 pm
Operator : jaimem
Sample : icc2666-50
Misc : ms33796,msk2666,10,,100,10,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 03 14:34:34 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Tue Feb 03 14:34:00 2015
Response via : Initial Calibration



K150203S.M Tue Feb 03 15:10:49 2015

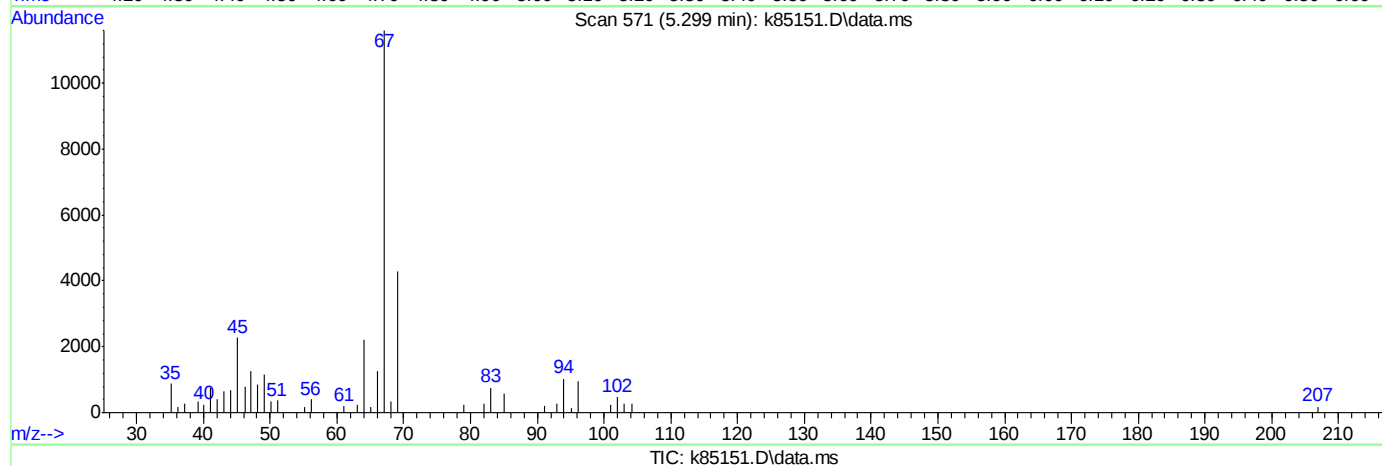
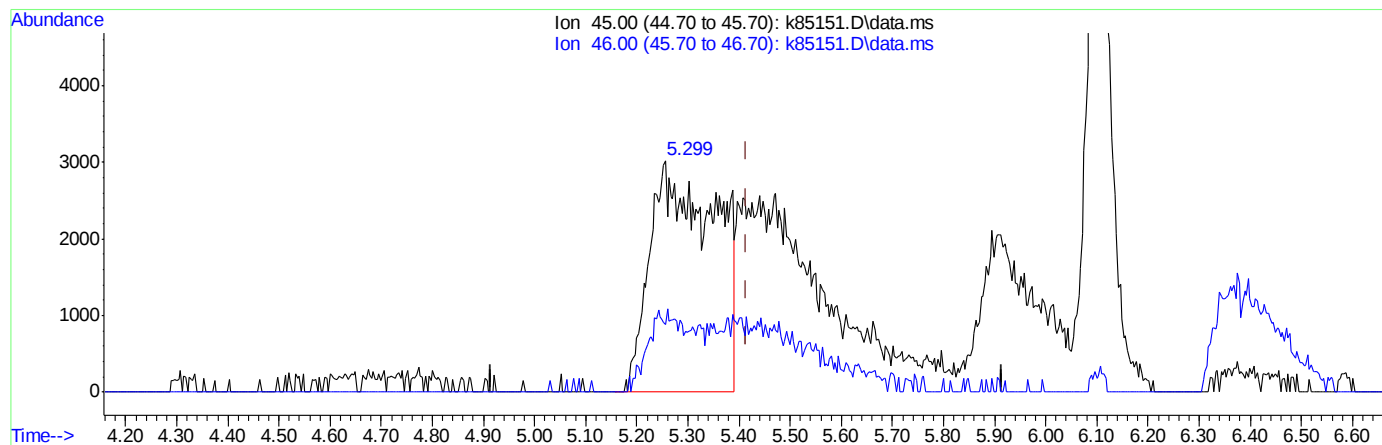
Page: 4

7.6.7

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150203\
Data File : k85151.D
Acq On : 3 Feb 2015 1:13 pm
Operator : jaimem
Sample : icc2666-50
Misc : ms33796,msk2666,10,,100,10,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 03 14:34:10 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Tue Feb 03 14:34:00 2015
Response via : Initial Calibration



(3) Ethanol (p)

5.299min (-0.115) 2345.82ug/kg

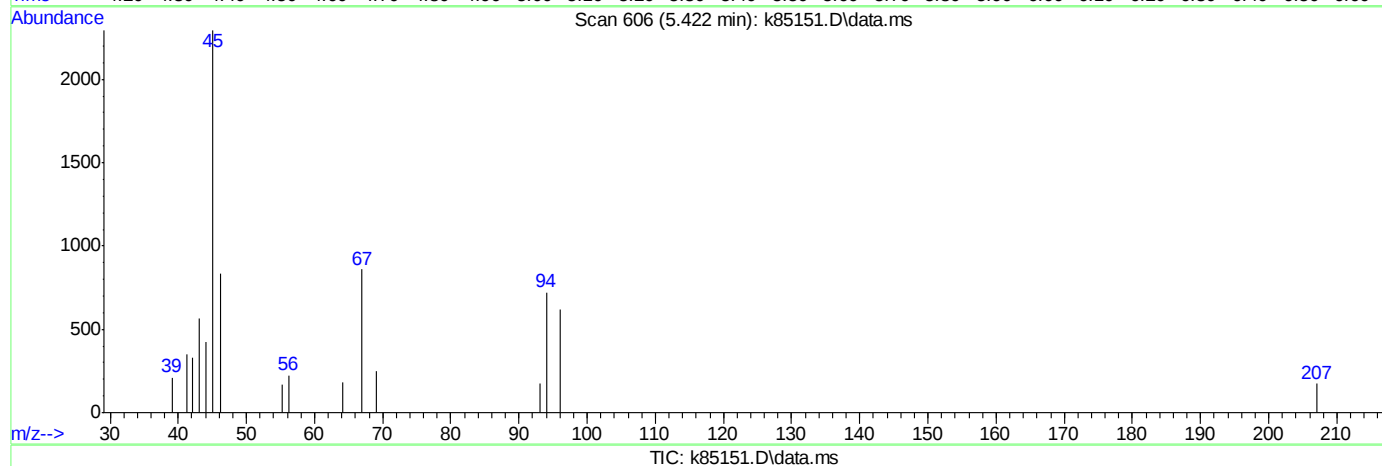
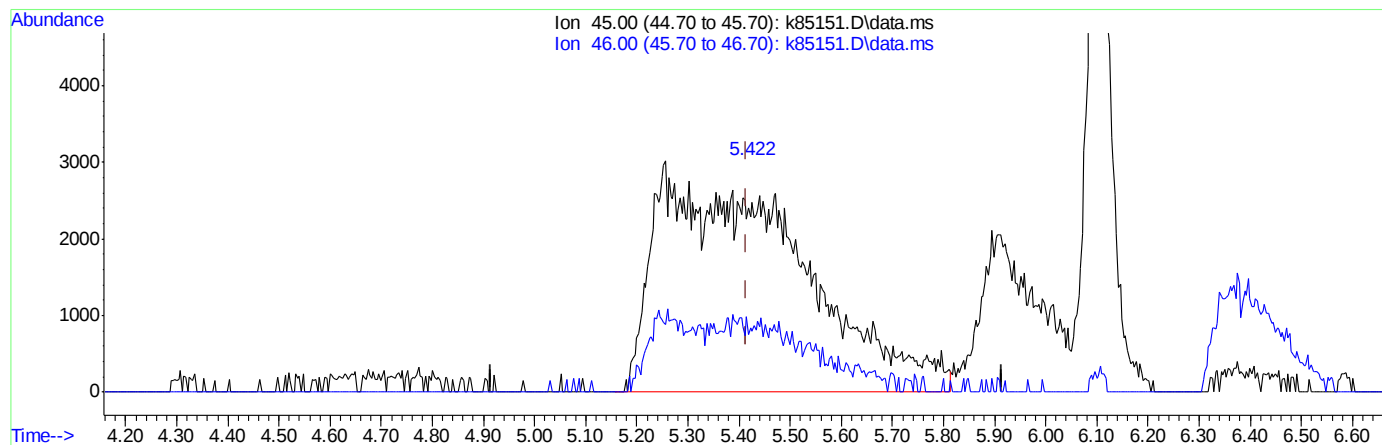
response 26391

Ion	Exp%	Act%
45.00	100	100
46.00	0.00	31.48#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150203\
Data File : k85151.D
Acq On : 3 Feb 2015 1:13 pm
Operator : jaimem
Sample : icc2666-50
Misc : ms33796,msk2666,10,,100,10,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 03 14:34:10 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Tue Feb 03 14:34:00 2015
Response via : Initial Calibration



(3) Ethanol (p)

5.422min (+0.008) 5062.84ug/kg m

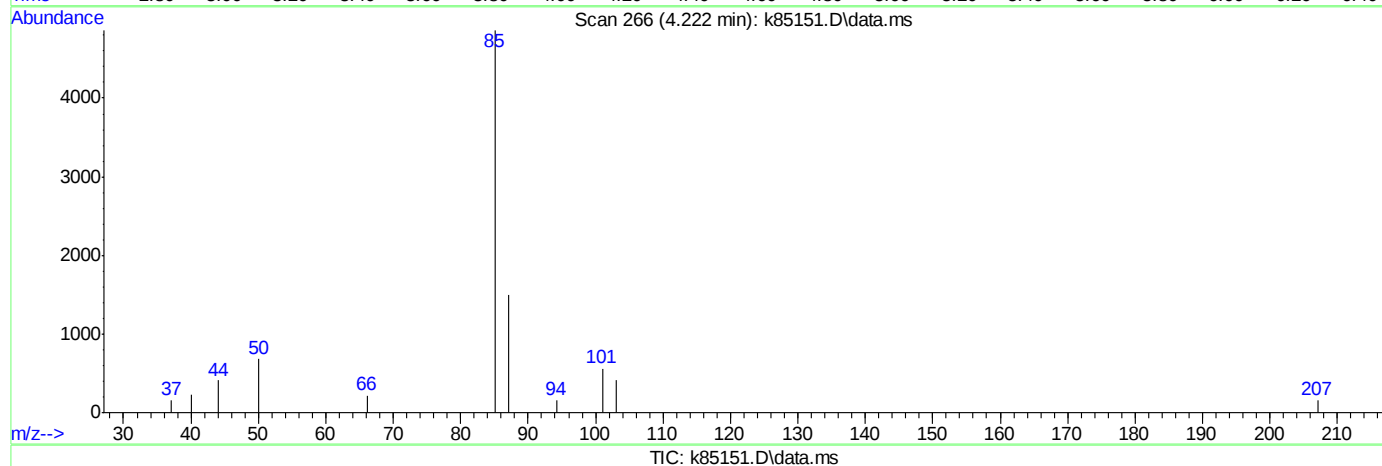
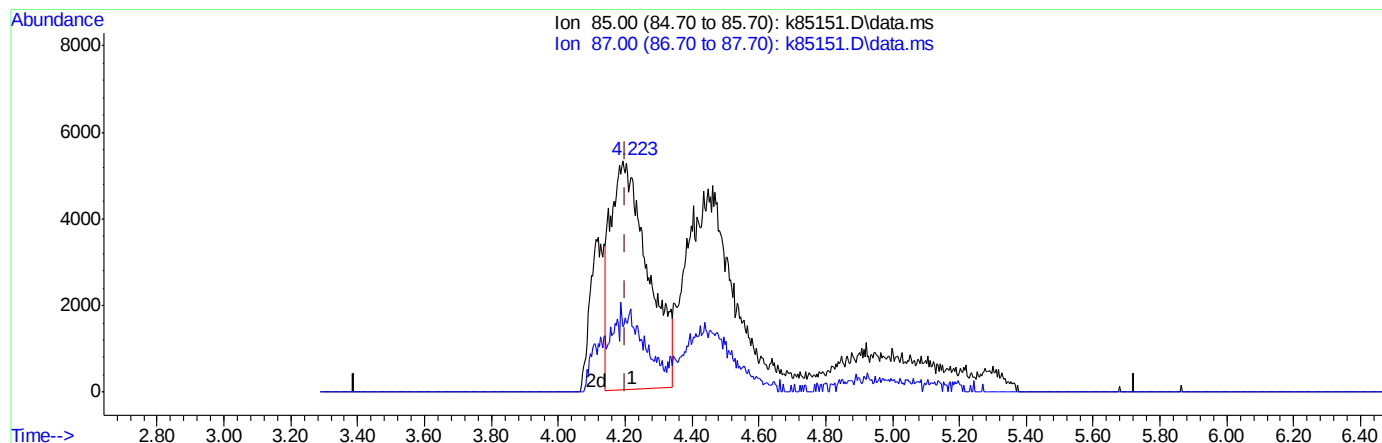
response 56958

Ion	Exp%	Act%
45.00	100	100
46.00	0.00	14.58#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150203\
Data File : k85151.D
Acq On : 3 Feb 2015 1:13 pm
Operator : jaimem
Sample : icc2666-50
Misc : ms33796,msk2666,10,,100,10,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 03 14:34:10 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Tue Feb 03 14:34:00 2015
Response via : Initial Calibration



(5) dichlorodifluoromethane (p)

4.223min (+0.022) 42.54ug/kg

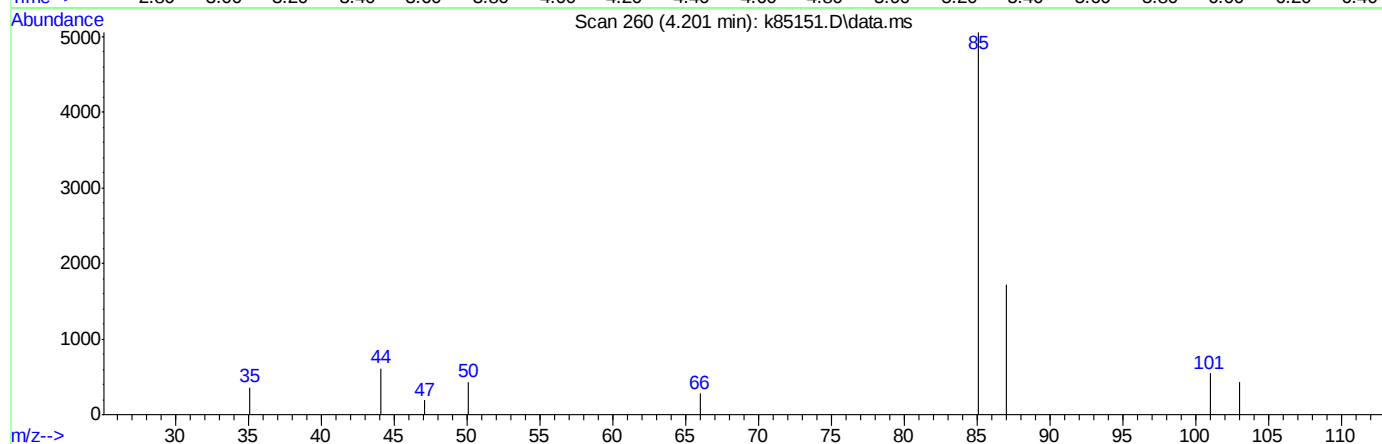
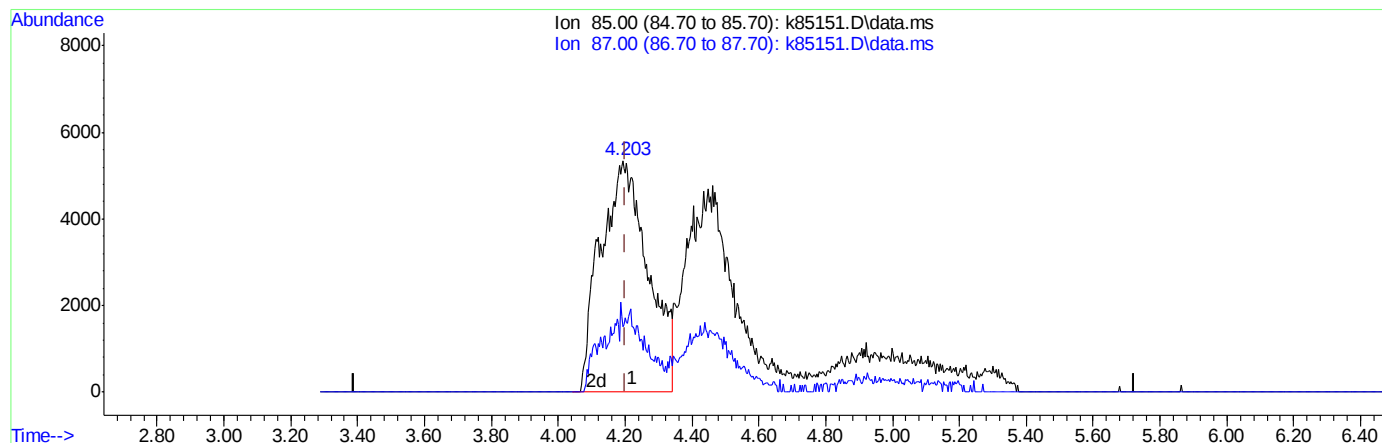
response 40931

Ion	Exp%	Act%
85.00	100	100
87.00	29.40	28.38
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150203\
Data File : k85151.D
Acq On : 3 Feb 2015 1:13 pm
Operator : jaimem
Sample : icc2666-50
Misc : ms33796,msk2666,10,,100,10,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 03 14:34:10 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Tue Feb 03 14:34:00 2015
Response via : Initial Calibration



TIC: k85151.D\data.ms

(5) dichlorodifluoromethane (p)

4.201min (-0.001) 54.88ug/kg m

response 52805

Ion	Exp%	Act%
85.00	100	100
87.00	29.40	34.01
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150203\
 Data File : k85152.D
 Acq On : 3 Feb 2015 1:41 pm
 Operator : jaimem
 Sample : ic2666-100
 Misc : ms33796,msk2666,10,,100,10,1
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 03 14:35:50 2015
 Quant Method : C:\msdchem\1\methods\K150203S.M
 Quant Title : SW-846 Method 8260
 QLast Update : Tue Feb 03 14:35:38 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Tert butyl alcohol-d9	6.406	65	39590	500.00	ug/kg	# 0.00
4) pentafluorobenzene	8.769	168	97007	50.00	ug/kg	0.00
44) 1,4-difluorobenzene	9.617	114	138706	50.00	ug/kg	0.00
67) chlorobenzene-d5	12.871	82	62706	50.00	ug/kg	0.00
82) 1,4-dichlorobenzene-d4	15.432	152	69087	50.00	ug/kg	0.00

System Monitoring Compounds						
41) dibromofluoromethane (s)	8.398	113	49101	48.86	ug/kg	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.72%
61) toluene-d8 (s)	11.409	98	154333	53.08	ug/kg	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.16%
84) bromofluorobenzene (s)	14.093	95	54595	52.34	ug/kg	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.68%

Target Compounds						Qvalue
2) tertiary butyl alcohol	6.494	59	103822	945.36	ug/kg#	76
3) Ethanol	5.419	45	109534	9924.17	ug/kg#	100
5) dichlorodifluoromethane	4.201	85	104447	111.11	ug/kg	95
6) chloromethane	4.410	50	159074	94.60	ug/kg	94
7) vinyl chloride	4.641	62	52369	102.67	ug/kg	97
8) bromomethane	5.169	96	110191	102.11	ug/kg	97
9) chloroethane	5.275	64	48914	92.18	ug/kg	73
10) dichlorofluoromethane	5.325	67	131347	92.84	ug/kg	100
11) ethyl ether	6.105	59	59609	95.67	ug/kg	88
12) acetonitrile	5.900	41	16377	103.23	ug/kg	76
13) trichlorofluoromethane	5.897	101	121343	97.81	ug/kg	91
14) freon-113	6.663	101	46397	90.53	ug/kg	84
15) acrolein	5.853	56	32742	480.87	ug/kg	100
16) 1,1-dichloroethene	6.457	96	86142	90.67	ug/kg#	77
17) acetone	5.996	58	4946	234.87	ug/kg#	1
18) Methyl Acetate	6.598	43	79644	96.11	ug/kg#	89
19) methylene chloride	6.597	84	98672	91.70	ug/kg#	75
20) methyl tert butyl ether	7.378	73	201108	92.11	ug/kg	93
21) acrylonitrile	6.480	53	29055	104.19	ug/kg	93
22) allyl chloride	6.680	41	123976	91.98	ug/kg	75
23) trans-1,2-dichloroethene	7.265	96	100467	91.65	ug/kg	95
24) iodomethane	6.508	142	215348	94.09	ug/kg	99
25) carbon disulfide	6.872	76	302857	94.33	ug/kg	99
26) propionitrile	7.503	54	11124	150.25	ug/kg	100
27) vinyl acetate	7.593	43	82476	101.96	ug/kg	92
28) chloroprene	7.881	53	117357	95.49	ug/kg	64
29) di-isopropyl ether	7.937	45	253015	91.24	ug/kg	94
30) methacrylonitrile	8.011	41	42849	101.72	ug/kg#	68
31) 2-butanone	7.914	72	7030	131.24	ug/kg#	1
32) Hexane	7.922	41	118983	90.19	ug/kg#	57
33) 1,1-dichloroethane	7.521	63	155261	93.51	ug/kg	92
34) tert-butyl ethyl ether	8.327	59	227870	87.42	ug/kg	91
35) isobutyl alcohol	8.331	43	29275	443.06	ug/kg	83
36) 2,2-dichloropropane	8.383	77	120135	88.16	ug/kg	94

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150203\
 Data File : k85152.D
 Acq On : 3 Feb 2015 1:41 pm
 Operator : jaimem
 Sample : ic2666-100
 Misc : ms33796,msk2666,10,,100,10,1
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 03 14:35:50 2015
 Quant Method : C:\msdchem\1\methods\K150203S.M
 Quant Title : SW-846 Method 8260
 QLast Update : Tue Feb 03 14:35:38 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) cis-1,2-dichloroethene	8.094	96	103005	93.13	ug/kg	86
38) ethyl acetate	8.204	43	59836	97.10	ug/kg	100
39) bromochloromethane	8.246	128	62444	94.65	ug/kg	89
40) chloroform	8.286	83	159659	90.77	ug/kg	97
42) Tetrahydrofuran	8.608	42	20663	97.79	ug/kg	73
43) 1,1,1-trichloroethane	9.044	97	157073	94.71	ug/kg	98
45) Cyclohexane	9.341	56	120738	89.93	ug/kg#	78
46) carbon tetrachloride	9.404	117	157592	92.01	ug/kg	96
47) 1,1-dichloropropene	9.216	75	112286	95.93	ug/kg	98
48) benzene	9.415	78	312124	87.14	ug/kg	95
49) 1,2-dichloroethane	8.923	62	110947	96.89	ug/kg	94
50) tert-amyl methyl ether	9.565	73	222288	87.55	ug/kg	82
51) heptane	9.928	43	92658	94.57	ug/kg	85
52) trichloroethene	10.053	95	94403	94.45	ug/kg	96
53) 1,2-dichloropropane	10.007	63	79053	96.93	ug/kg	96
54) dibromomethane	9.980	93	59606	99.20	ug/kg	88
55) bromodichloromethane	10.093	83	117799	101.74	ug/kg	91
56) Methylcyclohexane	10.589	83	146084	94.92	ug/kg#	81
57) 2-chloroethyl vinyl ether	10.464	63	43394	94.30	ug/kg	98
58) methyl methacrylate	10.182	69	44130	103.80	ug/kg#	57
59) 1,4-dioxane	10.190	88	5507	790.90	ug/kg	78
60) cis-1,3-dichloropropene	10.718	75	124371	100.81	ug/kg	90
62) 4-methyl-2-pentanone	10.799	43	68315	101.68	ug/kg	90
63) toluene	11.481	92	199699	95.27	ug/kg	94
64) trans-1,3-dichloropropene	11.130	75	108516	102.24	ug/kg	98
65) 1,1,2-trichloroethane	11.301	83	57504	98.99	ug/kg	87
66) ethyl methacrylate	11.504	69	81910	102.80	ug/kg	85
68) tetrachloroethene	12.239	166	106767	86.46	ug/kg	94
69) 1,3-dichloropropane	11.540	76	100533	88.91	ug/kg	94
70) dibromochloromethane	11.820	129	108287	95.27	ug/kg	93
71) 1,2-dibromoethane	12.068	107	78775	89.20	ug/kg	82
72) 2-hexanone	11.654	43	35479	96.68	ug/kg	97
73) chlorobenzene	12.908	112	240531	85.33	ug/kg	96
74) 1,1,1,2-tetrachloroethane	12.836	131	123331	90.61	ug/kg	83
75) ethylbenzene	13.079	91	369152	81.15	ug/kg	97
76) m,p-xylene	13.262	106	303760	171.25	ug/kg	100
77) o-xylene	13.675	106	161279	84.28	ug/kg	90
78) styrene	13.598	104	241261	89.62	ug/kg	83
79) bromoform	13.419	173	67317	99.12	ug/kg	99
80) cis-1,4-dichloro-2-butene	13.508	88	31361	97.02	ug/kg#	77
81) trans-1,4-dichloro-2-b...	13.828	53	21368	88.42	ug/kg#	37
83) isopropylbenzene	14.041	105	446559	99.42	ug/kg	94
85) bromobenzene	14.326	156	123527	101.60	ug/kg	88
86) 1,1,2,2-tetrachloroethane	13.687	83	88262	96.22	ug/kg	92
87) 1,2,3-trichloropropane	13.829	75	95596	99.09	ug/kg	96
88) n-propylbenzene	14.487	91	456923	97.82	ug/kg	98
89) 2-chlorotoluene	14.607	91	272834	96.02	ug/kg	98
90) 4-chlorotoluene	14.684	91	258490	95.24	ug/kg	98
91) 1,3,5-trimethylbenzene	14.758	105	378691	98.31	ug/kg	93
92) tert-butylbenzene	15.065	91	210027	105.03	ug/kg	98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150203\
Data File : k85152.D
Acq On : 3 Feb 2015 1:41 pm
Operator : jaimem
Sample : ic2666-100
Misc : ms33796,msk2666,10,,100,10,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 03 14:35:50 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Tue Feb 03 14:35:38 2015
Response via : Initial Calibration

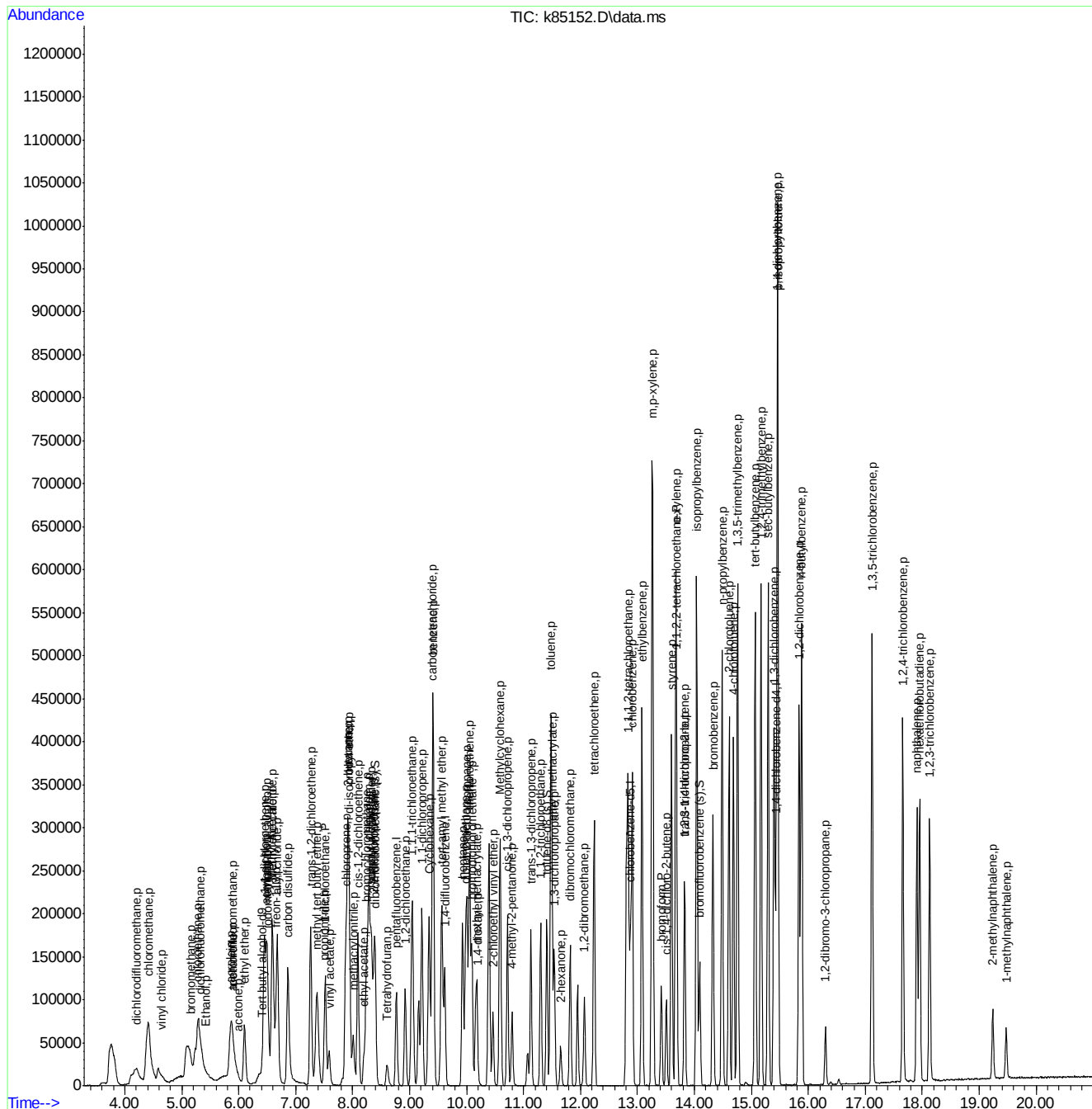
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93)	1,2,4-trimethylbenzene	15.169	105	379521	95.02	ug/kg	84
94)	sec-butylbenzene	15.294	105	489502	100.68	ug/kg	98
95)	1,3-dichlorobenzene	15.397	146	219274	94.02	ug/kg	97
96)	p-isopropyltoluene	15.461	119	433325	98.84	ug/kg	99
97)	1,4-dichlorobenzene	15.460	146	216038	94.55	ug/kg	99
98)	1,2-dichlorobenzene	15.837	146	233467	98.90	ug/kg	99
99)	n-butylbenzene	15.881	91	342221	95.96	ug/kg	91
100)	1,2-dibromo-3-chloropr...	16.301	75	16551	105.73	ug/kg	95
101)	1,3,5-trichlorobenzene	17.119	180	205606	100.72	ug/kg	100
102)	1,2,4-trichlorobenzene	17.659	180	162303	99.88	ug/kg	97
103)	hexachlorobutadiene	17.954	225	74181	100.10	ug/kg	94
104)	naphthalene	17.906	128	317427	101.09	ug/kg	100
105)	1,2,3-trichlorobenzene	18.130	180	120621	100.97	ug/kg	95
106)	2-methylnaphthalene	19.239	142	53146	55.06	ug/kg	95
107)	1-methylnaphthalene	19.475	142	38716	56.88	ug/kg#	1

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

(QT Reviewed)

Data Path : C:\msdchem\1\data\150203\
Data File : k85152.D
Acq On : 3 Feb 2015 1:41 pm
Operator : jaimem
Sample : ic2666-100
Misc : ms3796,msk2666,10,,100,10,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 03 14:35:50 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Tue Feb 03 14:35:38 2015
Response via : Initial Calibration



Page: 4

7.6.8

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150203\
 Data File : k85153.D
 Acq On : 3 Feb 2015 2:09 pm
 Operator : jaimem
 Sample : ic2666-200
 Misc : ms33796,msk2666,10,,100,10,1
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 03 14:37:22 2015
 Quant Method : C:\msdchem\1\methods\K150203S.M
 Quant Title : SW-846 Method 8260
 QLast Update : Tue Feb 03 14:37:15 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Tert butyl alcohol-d9	6.407	65	39184	500.00	ug/kg	# 0.00
4) pentafluorobenzene	8.770	168	101238	50.00	ug/kg	0.00
44) 1,4-difluorobenzene	9.617	114	142239	50.00	ug/kg	0.00
67) chlorobenzene-d5	12.868	82	69489	50.00	ug/kg	0.00
82) 1,4-dichlorobenzene-d4	15.432	152	71436	50.00	ug/kg	0.00
System Monitoring Compounds						
41) dibromofluoromethane (s)	8.400	113	50122	47.93	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.86%		
61) toluene-d8 (s)	11.410	98	163040	54.26	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	108.52%		
84) bromofluorobenzene (s)	14.093	95	55336	51.01	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	102.02%		
Target Compounds						
						Qvalue
2) tertiary butyl alcohol	6.499	59	197558	1837.60	ug/kg#	76
3) Ethanol	5.421	45	207834	19049.68	ug/kg#	100
5) dichlorodifluoromethane	4.204	85	211051	211.21	ug/kg	91
6) chloromethane	4.417	50	315008	181.46	ug/kg	92
7) vinyl chloride	4.638	62	90181	168.67	ug/kg	97
8) bromomethane	5.174	96	218327	193.18	ug/kg	92
9) chloroethane	5.275	64	94852	174.01	ug/kg	90
10) dichlorofluoromethane	5.326	67	249879	171.69	ug/kg	100
11) ethyl ether	6.109	59	119824	185.88	ug/kg	91
12) acetonitrile	5.898	41	30139	180.57	ug/kg	77
13) trichlorofluoromethane	5.905	101	245119	190.02	ug/kg	99
14) freon-113	6.665	101	85942	163.79	ug/kg	88
15) acrolein	5.856	56	65598	930.26	ug/kg	100
16) 1,1-dichloroethene	6.464	96	164243	168.27	ug/kg#	76
17) acetone	5.996	58	8742	297.48	ug/kg#	1
18) Methyl Acetate	6.599	43	154610	180.18	ug/kg#	85
19) methylene chloride	6.601	84	191427	172.86	ug/kg#	77
20) methyl tert butyl ether	7.382	73	384757	171.11	ug/kg	92
21) acrylonitrile	6.482	53	56591	192.83	ug/kg	91
22) allyl chloride	6.683	41	227722	164.53	ug/kg	73
23) trans-1,2-dichloroethene	7.267	96	199203	176.58	ug/kg	90
24) iodomethane	6.511	142	406932	172.41	ug/kg	97
25) carbon disulfide	6.876	76	578877	174.75	ug/kg	100
26) propionitrile	7.502	54	20877	245.52	ug/kg	100
27) vinyl acetate	7.594	43	163027	192.37	ug/kg	92
28) chloroprene	7.883	53	236716	186.23	ug/kg	63
29) di-isopropyl ether	7.939	45	479864	168.26	ug/kg	96
30) methacrylonitrile	8.015	41	78277	177.44	ug/kg#	67
31) 2-butanone	7.915	72	13442	223.04	ug/kg#	1
32) Hexane	7.923	41	229221	169.82	ug/kg#	62
33) 1,1-dichloroethane	7.523	63	308279	179.86	ug/kg	92
34) tert-butyl ethyl ether	8.330	59	425586	159.79	ug/kg	88
35) isobutyl alcohol	8.334	43	53852	799.15	ug/kg	82
36) 2,2-dichloropropane	8.385	77	225353	162.31	ug/kg	95

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150203\
 Data File : k85153.D
 Acq On : 3 Feb 2015 2:09 pm
 Operator : jaimem
 Sample : ic2666-200
 Misc : ms33796,msk2666,10,,100,10,1
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 03 14:37:22 2015
 Quant Method : C:\msdchem\1\methods\K150203S.M
 Quant Title : SW-846 Method 8260
 QLast Update : Tue Feb 03 14:37:15 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) cis-1,2-dichloroethene	8.096	96	203846	178.65	ug/kg	87
38) ethyl acetate	8.205	43	117122	183.18	ug/kg	94
39) bromochloromethane	8.248	128	124207	182.35	ug/kg	89
40) chloroform	8.287	83	314850	174.20	ug/kg	94
42) Tetrahydrofuran	8.609	42	40204	183.13	ug/kg	68
43) 1,1,1-trichloroethane	9.046	97	302479	176.32	ug/kg	97
45) Cyclohexane	9.343	56	227306	168.50	ug/kg#	79
46) carbon tetrachloride	9.405	117	306357	176.77	ug/kg	100
47) 1,1-dichloropropene	9.218	75	222889	187.21	ug/kg	99
48) benzene	9.415	78	607594	168.12	ug/kg	93
49) 1,2-dichloroethane	8.924	62	224208	191.93	ug/kg	94
50) tert-amyl methyl ether	9.566	73	420459	165.61	ug/kg	81
51) heptane	9.929	43	184920	186.07	ug/kg	83
52) trichloroethene	10.054	95	182231	179.03	ug/kg	96
53) 1,2-dichloropropane	10.007	63	158086	190.00	ug/kg	97
54) dibromomethane	9.981	93	118724	193.00	ug/kg	89
55) bromodichloromethane	10.094	83	230635	193.69	ug/kg	94
56) Methylcyclohexane	10.590	83	280706	179.69	ug/kg#	77
57) 2-chloroethyl vinyl ether	10.464	63	89887	192.69	ug/kg	98
58) methyl methacrylate	10.182	69	87268	198.66	ug/kg#	58
59) 1,4-dioxane	10.193	88	10913	1334.29	ug/kg	76
60) cis-1,3-dichloropropene	10.718	75	253358	199.99	ug/kg	88
62) 4-methyl-2-pentanone	10.799	43	133549	193.19	ug/kg	91
63) toluene	11.482	92	404532	189.31	ug/kg	94
64) trans-1,3-dichloropropene	11.130	75	222641	203.80	ug/kg	96
65) 1,1,2-trichloroethane	11.302	83	117736	197.98	ug/kg	92
66) ethyl methacrylate	11.504	69	164943	200.74	ug/kg	84
68) tetrachloroethene	12.239	166	220089	163.60	ug/kg	98
69) 1,3-dichloropropane	11.540	76	202353	165.15	ug/kg	96
70) dibromochloromethane	11.820	129	225271	180.27	ug/kg	90
71) 1,2-dibromoethane	12.068	107	160691	167.20	ug/kg	82
72) 2-hexanone	11.653	43	68228	169.17	ug/kg	99
73) chlorobenzene	12.908	112	489119	160.51	ug/kg	96
74) 1,1,1,2-tetrachloroethane	12.836	131	243938	164.81	ug/kg	85
75) ethylbenzene	13.079	91	746335	151.63	ug/kg	96
76) m,p-xylene	13.263	106	613736	319.90	ug/kg	99
77) o-xylene	13.676	106	323944	156.86	ug/kg	85
78) styrene	13.598	104	494586	169.30	ug/kg	82
79) bromoform	13.419	173	140244	186.62	ug/kg	97
80) cis-1,4-dichloro-2-butene	13.508	88	62767	176.27	ug/kg#	77
81) trans-1,4-dichloro-2-b...	13.828	53	40633	155.33	ug/kg#	32
83) isopropylbenzene	14.041	105	888194	191.46	ug/kg	94
85) bromobenzene	14.326	156	249892	198.15	ug/kg	89
86) 1,1,2,2-tetrachloroethane	13.687	83	171365	181.81	ug/kg	96
87) 1,2,3-trichloropropane	13.828	75	186488	187.29	ug/kg	97
88) n-propylbenzene	14.487	91	903396	187.87	ug/kg	100
89) 2-chlorotoluene	14.607	91	547100	187.71	ug/kg	97
90) 4-chlorotoluene	14.684	91	513487	184.73	ug/kg	97
91) 1,3,5-trimethylbenzene	14.759	105	748711	188.44	ug/kg	91
92) tert-butylbenzene	15.066	91	422231	202.17	ug/kg	97

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150203\
Data File : k85153.D
Acq On : 3 Feb 2015 2:09 pm
Operator : jaimem
Sample : ic2666-200
Misc : ms33796,msk2666,10,,100,10,1
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 03 14:37:22 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Tue Feb 03 14:37:15 2015
Response via : Initial Calibration

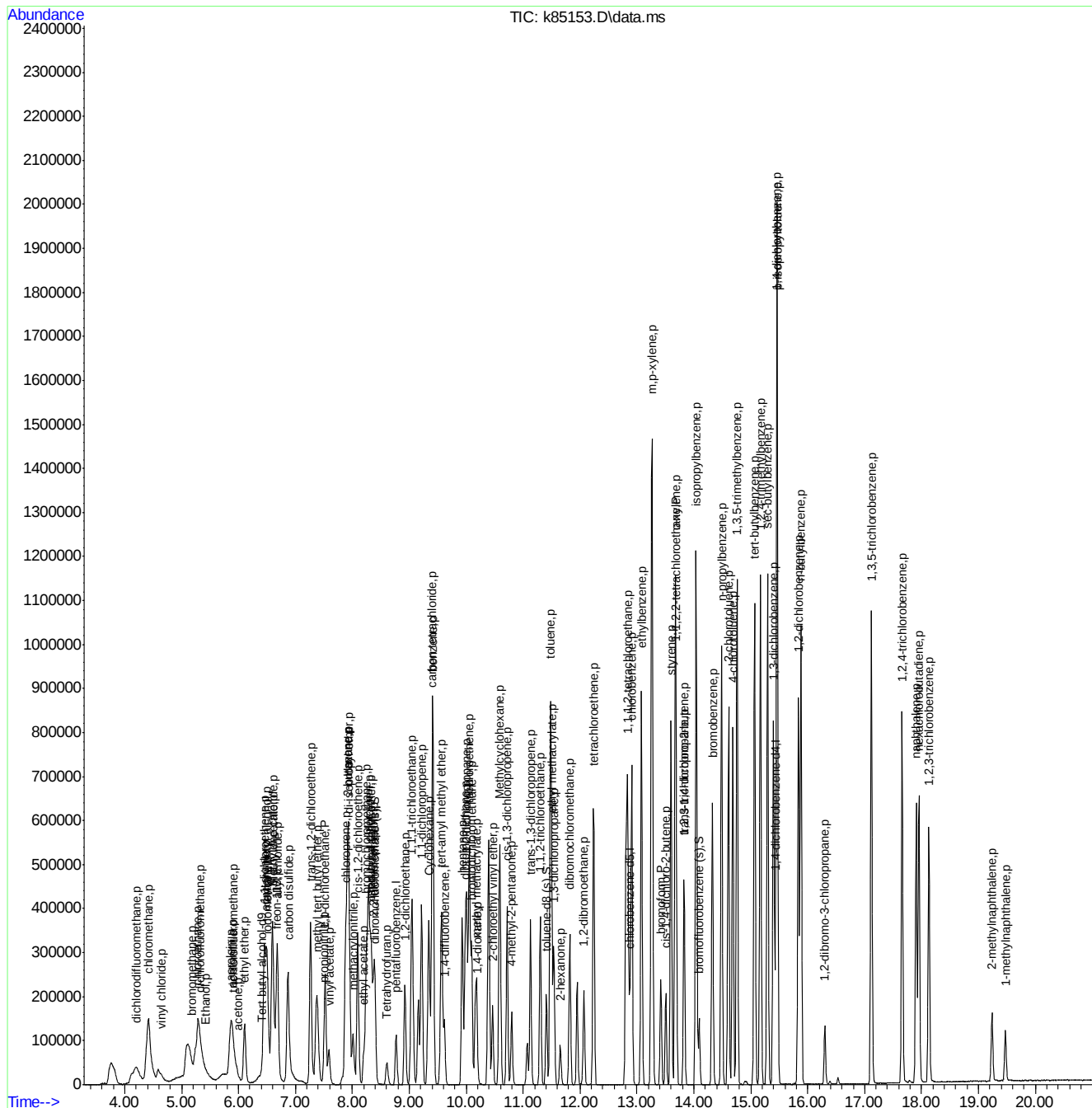
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-trimethylbenzene	15.169	105	755240	184.19	ug/kg	85
94) sec-butylbenzene	15.294	105	977718	194.22	ug/kg	98
95) 1,3-dichlorobenzene	15.397	146	438293	183.59	ug/kg	98
96) p-isopropyltoluene	15.461	119	861178	190.41	ug/kg	97
97) 1,4-dichlorobenzene	15.460	146	430201	183.76	ug/kg	99
98) 1,2-dichlorobenzene	15.837	146	463054	190.05	ug/kg	98
99) n-butylbenzene	15.881	91	663146	181.29	ug/kg	92
100) 1,2-dibromo-3-chloropr...	16.301	75	33417	204.11	ug/kg	93
101) 1,3,5-trichlorobenzene	17.119	180	413546	195.63	ug/kg	100
102) 1,2,4-trichlorobenzene	17.659	180	320418	190.74	ug/kg	98
103) hexachlorobutadiene	17.953	225	149338	194.85	ug/kg	92
104) naphthalene	17.905	128	617004	189.62	ug/kg	100
105) 1,2,3-trichlorobenzene	18.130	180	232757	188.06	ug/kg	96
106) 2-methylnaphthalene	19.239	142	105394	103.50	ug/kg	96
107) 1-methylnaphthalene	19.476	142	75624	104.57	ug/kg#	1

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150203\
 Data File : k85153.D
 Acq On : 3 Feb 2015 2:09 pm
 Operator : jaimem
 Sample : ic2666-200
 Misc : ms33796,msk2666,10,,100,10,1
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 03 14:37:22 2015
 Quant Method : C:\msdchem\1\methods\K150203S.M
 Quant Title : SW-846 Method 8260
 QLast Update : Tue Feb 03 14:37:15 2015
 Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150203\
 Data File : k85154.D
 Acq On : 3 Feb 2015 2:37 pm
 Operator : jaimem
 Sample : ic2666-400
 Misc : ms33796,msk2666,10,,100,10,1
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 03 15:02:39 2015
 Quant Method : C:\msdchem\1\methods\K150203S.M
 Quant Title : SW-846 Method 8260
 QLast Update : Tue Feb 03 14:38:37 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Tert butyl alcohol-d9	6.418	65	39855	500.00	ug/kg	# 0.00
4) pentafluorobenzene	8.771	168	103230	50.00	ug/kg	0.00
44) 1,4-difluorobenzene	9.619	114	147819	50.00	ug/kg	0.00
67) chlorobenzene-d5	12.865	82	83334	50.00	ug/kg	# 0.00
82) 1,4-dichlorobenzene-d4	15.434	152	73243	50.00	ug/kg	0.00
System Monitoring Compounds						
41) dibromofluoromethane (s)	8.401	113	50691	47.76	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.52%		
61) toluene-d8 (s)	11.411	98	169610	53.81	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	107.62%		
84) bromofluorobenzene (s)	14.094	95	58515	52.49	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	104.98%		
Target Compounds						
						Qvalue
2) tertiary butyl alcohol	6.509	59	401188	3719.18	ug/kg#	76
3) Ethanol	5.445	45	417506	37880.68	ug/kg#	100
5) dichlorodifluoromethane	4.203	85	423607	412.45	ug/kg	96
6) chloromethane	4.415	50	601701	345.26	ug/kg	91
7) vinyl chloride	4.638	62	188936	354.48	ug/kg	96
8) bromomethane	5.167	96	412801	359.95	ug/kg	91
9) chloroethane	5.276	64	181733	334.20	ug/kg	84
10) dichlorofluoromethane	5.328	67	481430	332.25	ug/kg	100
11) ethyl ether	6.108	59	239129	368.13	ug/kg	94
12) acetonitrile	5.902	41	62137	372.33	ug/kg	75
13) trichlorofluoromethane	5.900	101	456128	349.27	ug/kg	99
14) freon-113	6.664	101	155691	300.04	ug/kg	96
15) acrolein	5.857	56	133472	1878.10	ug/kg	100
16) 1,1-dichloroethene	6.461	96	317375	326.28	ug/kg#	78
17) acetone	5.999	58	23333	709.51	ug/kg#	1
18) Methyl Acetate	6.600	43	314500	365.49	ug/kg#	89
19) methylene chloride	6.600	84	371278	335.29	ug/kg#	76
20) methyl tert butyl ether	7.383	73	741724	330.31	ug/kg	94
21) acrylonitrile	6.482	53	114695	385.58	ug/kg	98
22) allyl chloride	6.682	41	396904	289.80	ug/kg	75
23) trans-1,2-dichloroethene	7.267	96	388954	343.87	ug/kg	91
24) iodomethane	6.511	142	799271	339.92	ug/kg	97
25) carbon disulfide	6.874	76	1137470	343.99	ug/kg	100
26) propionitrile	7.505	54	45383	504.30	ug/kg	100
27) vinyl acetate	7.593	43	340132	396.12	ug/kg	92
28) chloroprene	7.882	53	472510	368.80	ug/kg	60
29) di-isopropyl ether	7.940	45	914558	321.80	ug/kg	96
30) methacrylonitrile	8.014	41	170806	387.00	ug/kg#	68
31) 2-butanone	7.915	72	31350	498.65	ug/kg#	1
32) Hexane	7.923	41	433134	322.82	ug/kg#	57
33) 1,1-dichloroethane	7.523	63	606873	352.30	ug/kg	90
34) tert-butyl ethyl ether	8.331	59	793082	300.66	ug/kg	88
35) isobutyl alcohol	8.336	43	101676	1530.98	ug/kg	86
36) 2,2-dichloropropane	8.385	77	414755	302.46	ug/kg	94

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150203\
 Data File : k85154.D
 Acq On : 3 Feb 2015 2:37 pm
 Operator : jaimem
 Sample : ic2666-400
 Misc : ms33796,msk2666,10,,100,10,1
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 03 15:02:39 2015
 Quant Method : C:\msdchem\1\methods\K150203S.M
 Quant Title : SW-846 Method 8260
 QLast Update : Tue Feb 03 14:38:37 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) cis-1,2-dichloroethene	8.096	96	409276	357.21	ug/kg	84
38) ethyl acetate	8.206	43	250099	389.06	ug/kg	96
39) bromochloromethane	8.249	128	251176	367.03	ug/kg	87
40) chloroform	8.288	83	623846	344.85	ug/kg	95
42) Tetrahydrofuran	8.611	42	88822	402.44	ug/kg	72
43) 1,1,1-trichloroethane	9.046	97	587561	341.66	ug/kg	97
45) Cyclohexane	9.343	56	428474	313.88	ug/kg#	81
46) carbon tetrachloride	9.405	117	595920	336.45	ug/kg	99
47) 1,1-dichloropropene	9.218	75	447069	365.23	ug/kg	99
48) benzene	9.417	78	1220517	330.82	ug/kg	93
49) 1,2-dichloroethane	8.925	62	470229	389.58	ug/kg	93
50) tert-amyl methyl ether	9.568	73	796296	310.71	ug/kg	82
51) heptane	9.930	43	368394	360.88	ug/kg	84
52) trichloroethene	10.055	95	370918	354.78	ug/kg	96
53) 1,2-dichloropropane	10.009	63	322031	375.11	ug/kg	97
54) dibromomethane	9.982	93	246542	387.91	ug/kg	89
55) bromodichloromethane	10.095	83	486110	394.60	ug/kg	93
56) Methylcyclohexane	10.590	83	538640	337.49	ug/kg#	78
57) 2-chloroethyl vinyl ether	10.466	63	193145	400.85	ug/kg	98
58) methyl methacrylate	10.184	69	186321	408.60	ug/kg#	57
59) 1,4-dioxane	10.202	88	22452	2475.96	ug/kg#	60
60) cis-1,3-dichloropropene	10.720	75	542722	412.24	ug/kg	90
62) 4-methyl-2-pentanone	10.801	43	286729	401.40	ug/kg	90
63) toluene	11.483	92	852036	385.98	ug/kg	91
64) trans-1,3-dichloropropene	11.131	75	475806	417.97	ug/kg	96
65) 1,1,2-trichloroethane	11.303	83	249798	404.77	ug/kg	92
66) ethyl methacrylate	11.505	69	345646	404.53	ug/kg	86
68) tetrachloroethene	12.240	166	463077	292.95	ug/kg	98
69) 1,3-dichloropropane	11.541	76	429506	301.04	ug/kg	96
70) dibromochloromethane	11.821	129	491796	332.87	ug/kg	90
71) 1,2-dibromoethane	12.069	107	342168	304.01	ug/kg	85
72) 2-hexanone	11.654	43	159405	340.06	ug/kg	100
73) chlorobenzene	12.910	112	1025509	288.76	ug/kg	98
74) 1,1,1,2-tetrachloroethane	12.837	131	502197	291.48	ug/kg	84
75) ethylbenzene	13.080	91	1547867	269.47	ug/kg	95
76) m,p-xylene	13.264	106	1284067	574.54	ug/kg	97
77) o-xylene	13.677	106	675046	281.23	ug/kg	85
78) styrene	13.599	104	1038638	304.24	ug/kg	81
79) bromoform	13.420	173	304819	341.49	ug/kg	96
80) cis-1,4-dichloro-2-butene	13.509	88	128702	307.47	ug/kg#	77
81) trans-1,4-dichloro-2-b...	13.829	53	81939	271.29	ug/kg#	36
83) isopropylbenzene	14.042	105	1833566	388.26	ug/kg	94
85) bromobenzene	14.327	156	530985	411.28	ug/kg	89
86) 1,1,2,2-tetrachloroethane	13.689	83	349541	366.46	ug/kg	96
87) 1,2,3-trichloropropane	13.829	75	381019	377.21	ug/kg	97
88) n-propylbenzene	14.488	91	1843699	377.77	ug/kg	99
89) 2-chlorotoluene	14.609	91	1129088	381.74	ug/kg	96
90) 4-chlorotoluene	14.685	91	1065308	378.61	ug/kg	99
91) 1,3,5-trimethylbenzene	14.759	105	1545072	382.04	ug/kg	89
92) tert-butylbenzene	15.066	91	882290	411.29	ug/kg	97

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150203\
Data File : k85154.D
Acq On : 3 Feb 2015 2:37 pm
Operator : jaimem
Sample : ic2666-400
Misc : ms33796,msk2666,10,,100,10,1
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 03 15:02:39 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Tue Feb 03 14:38:37 2015
Response via : Initial Calibration

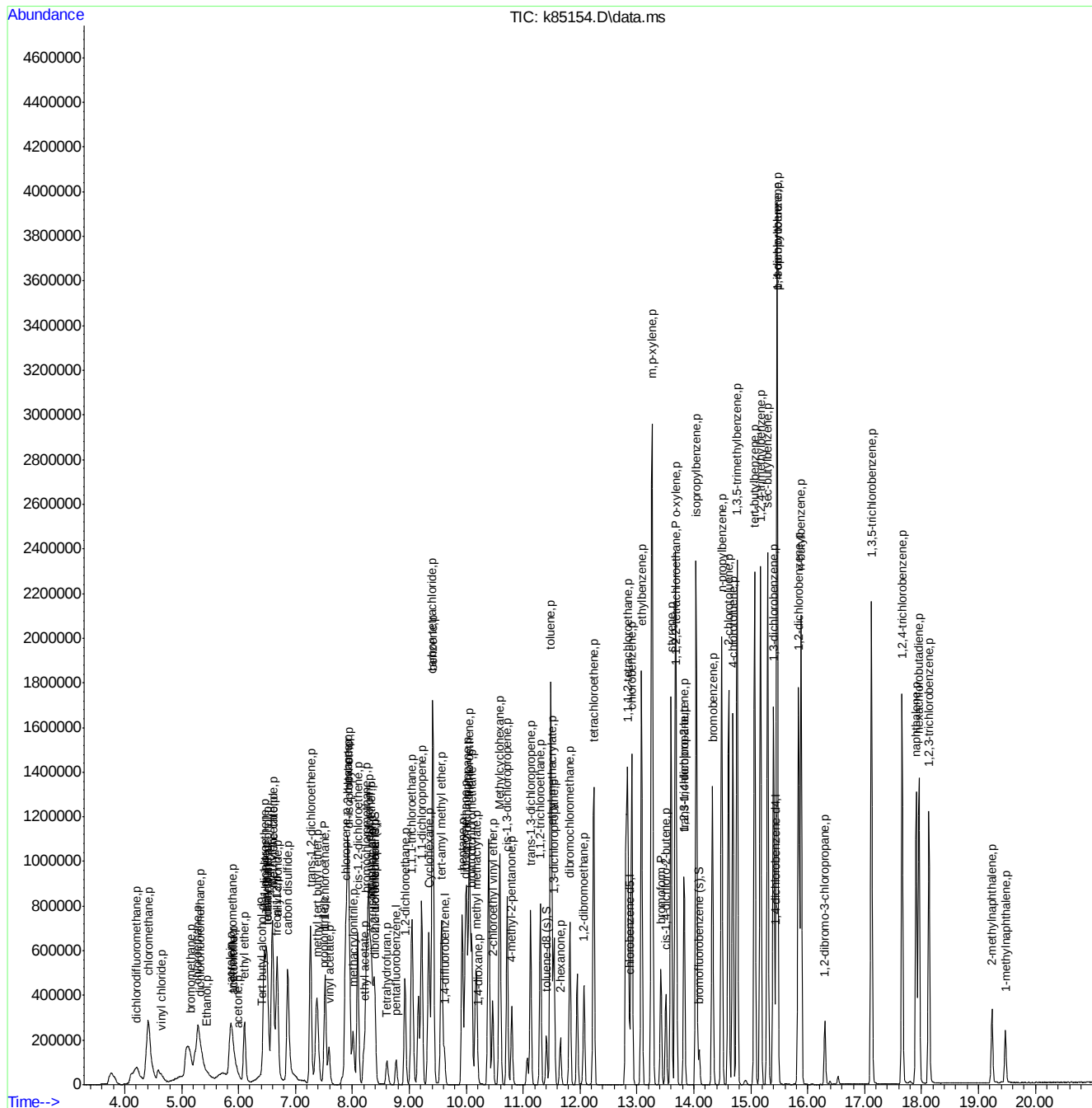
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93)	1,2,4-trimethylbenzene	15.171	105	1567247	376.51	ug/kg	84
94)	sec-butylbenzene	15.296	105	2016167	392.51	ug/kg	100
95)	1,3-dichlorobenzene	15.399	146	894087	369.60	ug/kg	95
96)	p-isopropyltoluene	15.462	119	1768634	384.48	ug/kg	98
97)	1,4-dichlorobenzene	15.462	146	853294	359.66	ug/kg	99
98)	1,2-dichlorobenzene	15.838	146	955974	385.42	ug/kg	98
99)	n-butylbenzene	15.882	91	1329386	360.08	ug/kg	94
100)	1,2-dibromo-3-chloropr...	16.302	75	71679	425.55	ug/kg	94
101)	1,3,5-trichlorobenzene	17.120	180	860870	398.65	ug/kg	99
102)	1,2,4-trichlorobenzene	17.660	180	677361	396.34	ug/kg	98
103)	hexachlorobutadiene	17.954	225	316016	403.88	ug/kg	92
104)	naphthalene	17.906	128	1291542	390.51	ug/kg	100
105)	1,2,3-trichlorobenzene	18.131	180	486819	387.49	ug/kg	97
106)	2-methylnaphthalene	19.240	142	216173	205.85	ug/kg	96
107)	1-methylnaphthalene	19.476	142	156539	209.53	ug/kg#	1

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150203\
Data File : k85154.D
Acq On : 3 Feb 2015 2:37 pm
Operator : jaimem
Sample : ic2666-400
Misc : ms33796,msk2666,10,,100,10,1
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 03 15:02:39 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Tue Feb 03 14:38:37 2015
Response via : Initial Calibration



K150203S.M Tue Feb 03 15:10:59 2015

Page: 4

7.6.10



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150204\
 Data File : k85191.D
 Acq On : 4 Feb 2015 9:25 am
 Operator : jaimem
 Sample : bs
 Misc : ms33796,msk2667,10,,100,10,1
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 04 09:54:44 2015
 Quant Method : C:\msdchem\1\methods\K150203S.M
 Quant Title : SW-846 Method 8260
 QLast Update : Wed Feb 04 08:22:20 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Tert butyl alcohol-d9	6.416	65	38947	500.00	ug/kg	# 0.00
4) pentafluorobenzene	8.772	168	106839	50.00	ug/kg	0.00
44) 1,4-difluorobenzene	9.619	114	151730	50.00	ug/kg	0.00
67) chlorobenzene-d5	12.872	82	63547	50.00	ug/kg	0.00
82) 1,4-dichlorobenzene-d4	15.432	152	81856	50.00	ug/kg	0.00
System Monitoring Compounds						
41) dibromofluoromethane (s)	8.402	113	54629	49.96	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.92%		
61) toluene-d8 (s)	11.410	98	162516	49.85	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.70%		
84) bromofluorobenzene (s)	14.092	95	57597	46.00	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.00%		
Target Compounds						
						Qvalue
2) tertiary butyl alcohol	6.504	59	48436	464.15	ug/kg#	76
3) Ethanol	5.443	45	54613m	5104.41	ug/kg	
5) dichlorodifluoromethane	4.216	85	53395	48.26	ug/kg	87
6) chloromethane	4.423	50	78631	44.46	ug/kg	91
7) vinyl chloride	4.642	62	32002m	58.85	ug/kg	
8) bromomethane	5.172	96	54497m	46.50	ug/kg	
9) chloroethane	5.285	64	23866	43.43	ug/kg	82
10) dichlorofluoromethane	5.333	67	70808	48.39	ug/kg	100
11) ethyl ether	6.112	59	31657	47.63	ug/kg	93
12) acetonitrile	5.894	41	6963	40.78	ug/kg#	48
13) trichlorofluoromethane	5.906	101	70070	52.68	ug/kg	97
14) freon-113	6.668	101	26447	51.07	ug/kg	97
15) acrolein	5.859	56	19711	270.34	ug/kg	100
16) 1,1-dichloroethene	6.462	96	47757	48.56	ug/kg#	74
17) acetone	5.996	58	1766	46.03	ug/kg#	1
18) Methyl Acetate	6.587	43	36547m	41.55	ug/kg	
19) methylene chloride	6.603	84	54092	48.17	ug/kg#	73
20) methyl tert butyl ether	7.382	73	109039	47.96	ug/kg	98
21) acrylonitrile	6.489	53	14716	48.05	ug/kg	96
22) allyl chloride	6.687	41	67158	49.32	ug/kg	74
23) trans-1,2-dichloroethene	7.272	96	54326	47.24	ug/kg	91
24) iodomethane	6.512	142	122379	51.39	ug/kg	97
25) carbon disulfide	6.876	76	158059	47.13	ug/kg	98
26) propionitrile	7.513	54	5475	49.68	ug/kg	100
27) vinyl acetate	7.598	43	76015	85.66	ug/kg	90
28) chloroprene	7.886	53	56805	43.32	ug/kg	69
29) di-isopropyl ether	7.940	45	132556	46.19	ug/kg	92
30) methacrylonitrile	8.019	41	20091	44.19	ug/kg#	69
31) 2-butanone	7.921	72	2997	42.72	ug/kg#	1
32) Hexane	7.927	41	62056	45.96	ug/kg#	73
33) 1,1-dichloroethane	7.526	63	78898	44.92	ug/kg	91
34) tert-butyl ethyl ether	8.329	59	121399	45.89	ug/kg	89
35) isobutyl alcohol	8.349	43	22164	333.64	ug/kg	91
36) 2,2-dichloropropane	8.386	77	65949	48.15	ug/kg	97

7.6.11

7

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150204\
 Data File : k85191.D
 Acq On : 4 Feb 2015 9:25 am
 Operator : jaimem
 Sample : bs
 Misc : ms33796,msk2667,10,,100,10,1
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 04 09:54:44 2015
 Quant Method : C:\msdchem\1\methods\K150203S.M
 Quant Title : SW-846 Method 8260
 QLast Update : Wed Feb 04 08:22:20 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) cis-1,2-dichloroethene	8.098	96	58157	49.71	ug/kg	86
38) ethyl acetate	8.209	43	23813	35.93	ug/kg	100
39) bromochloromethane	8.250	128	32974	47.11	ug/kg	87
40) chloroform	8.290	83	85341	46.38	ug/kg	93
42) Tetrahydrofuran	8.613	42	10089	44.13	ug/kg	68
43) 1,1,1-trichloroethane	9.047	97	82599	47.27	ug/kg	96
45) Cyclohexane	9.345	56	65069	47.91	ug/kg#	80
46) carbon tetrachloride	9.406	117	84145	47.22	ug/kg	98
47) 1,1-dichloropropene	9.219	75	56741	45.73	ug/kg	97
48) benzene	9.417	78	168944	45.40	ug/kg	93
49) 1,2-dichloroethane	8.926	62	58317	47.22	ug/kg	93
50) tert-amyl methyl ether	9.566	73	118987	46.72	ug/kg	82
51) heptane	9.931	43	51724	50.06	ug/kg	83
52) trichloroethene	10.055	95	51585	48.62	ug/kg	95
53) 1,2-dichloropropane	10.009	63	42574	48.69	ug/kg	96
54) dibromomethane	9.982	93	30031	46.23	ug/kg	87
55) bromodichloromethane	10.095	83	60080	47.59	ug/kg	92
56) Methylcyclohexane	10.590	83	76714	47.90	ug/kg#	77
57) 2-chloroethyl vinyl ether	10.465	63	23936	48.38	ug/kg	97
58) methyl methacrylate	10.185	69	21540	45.88	ug/kg#	60
59) 1,4-dioxane	10.193	88	2260m	220.98	ug/kg	
60) cis-1,3-dichloropropene	10.719	75	68919	50.81	ug/kg	91
62) 4-methyl-2-pentanone	10.801	43	34382	46.87	ug/kg	90
63) toluene	11.482	92	104096	46.10	ug/kg	95
64) trans-1,3-dichloropropene	11.131	75	55128	46.92	ug/kg	93
65) 1,1,2-trichloroethane	11.302	83	29840	47.04	ug/kg	92
66) ethyl methacrylate	11.505	69	43776	49.83	ug/kg	84
68) tetrachloroethene	12.239	166	56081	49.18	ug/kg	96
69) 1,3-dichloropropane	11.540	76	54049	51.50	ug/kg	96
70) dibromochloromethane	11.820	129	55461	50.28	ug/kg	89
71) 1,2-dibromoethane	12.068	107	40703	48.89	ug/kg	88
72) 2-hexanone	11.656	43	13996	40.16	ug/kg	98
73) chlorobenzene	12.908	112	120002	45.91	ug/kg	97
74) 1,1,1,2-tetrachloroethane	12.836	131	65924	52.20	ug/kg	83
75) ethylbenzene	13.079	91	198843	46.93	ug/kg	97
76) m,p-xylene	13.261	106	159555	97.04	ug/kg	97
77) o-xylene	13.675	106	83274	48.06	ug/kg	87
78) styrene	13.598	104	126214	50.20	ug/kg	78
79) bromoform	13.419	173	33834	50.63	ug/kg	95
80) cis-1,4-dichloro-2-butene	13.507	88	16734	54.22	ug/kg#	81
81) trans-1,4-dichloro-2-b...	13.828	53	11048	48.99	ug/kg#	36
83) isopropylbenzene	14.040	105	227123	43.21	ug/kg	97
85) bromobenzene	14.324	156	65332	45.10	ug/kg	87
86) 1,1,2,2-tetrachloroethane	13.686	83	47571	45.10	ug/kg	95
87) 1,2,3-trichloropropane	13.828	75	50613	45.20	ug/kg	95
88) n-propylbenzene	14.486	91	229380	42.39	ug/kg	97
89) 2-chlorotoluene	14.607	91	138934	42.31	ug/kg	96
90) 4-chlorotoluene	14.683	91	132003	42.30	ug/kg	100
91) 1,3,5-trimethylbenzene	14.758	105	205970	45.80	ug/kg	92
92) tert-butylbenzene	15.064	91	102708	42.67	ug/kg	97

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150204\
Data File : k85191.D
Acq On : 4 Feb 2015 9:25 am
Operator : jaimem
Sample : bs
Misc : ms33796,msk2667,10,,100,10,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 04 09:54:44 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Feb 04 08:22:20 2015
Response via : Initial Calibration

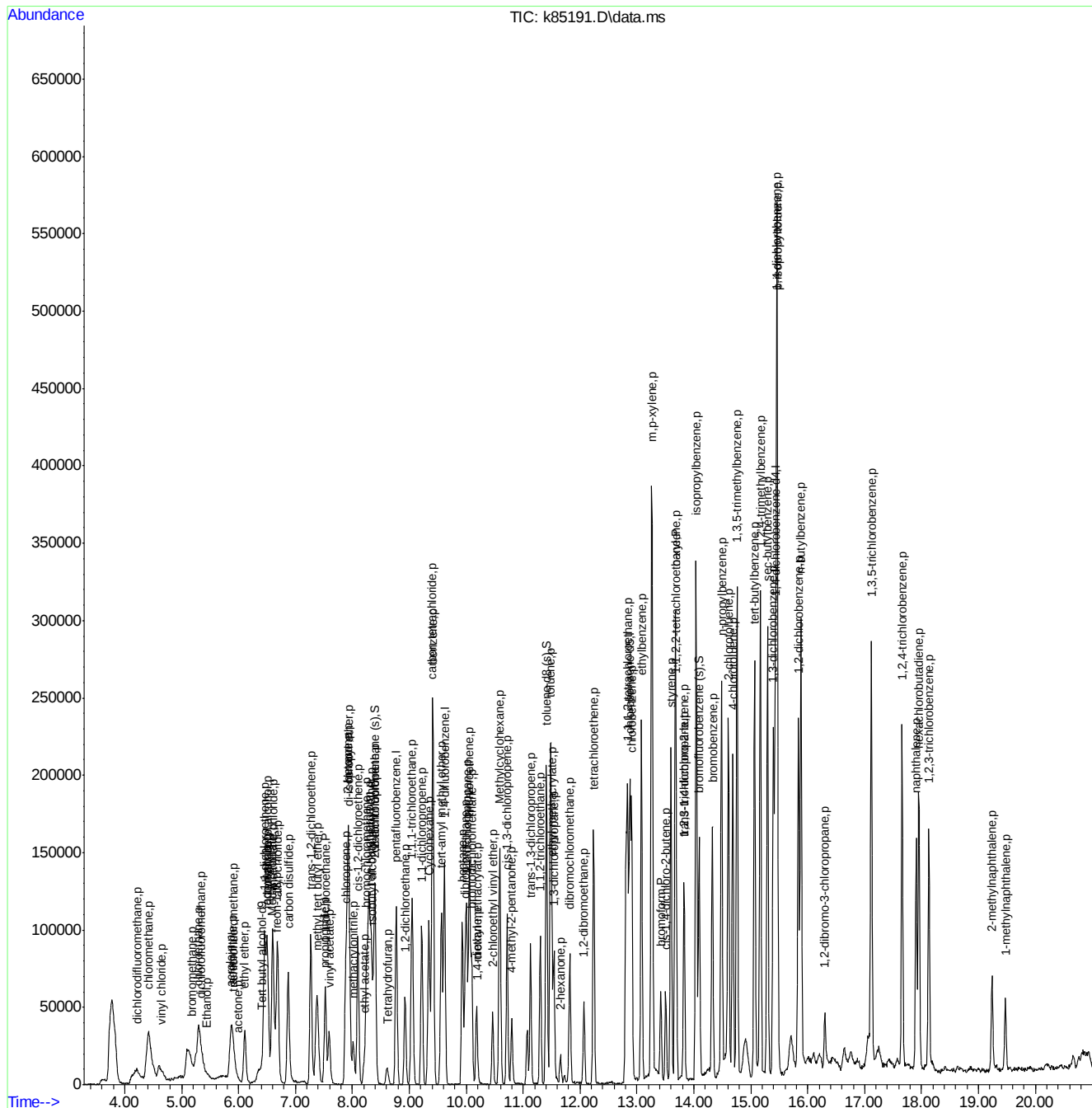
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93)	1,2,4-trimethylbenzene	15.168	105	199323	43.13	ug/kg	88
94)	sec-butylbenzene	15.293	105	242064	42.28	ug/kg	96
95)	1,3-dichlorobenzene	15.396	146	114328	42.69	ug/kg	97
96)	p-isopropyltoluene	15.461	119	228207	44.64	ug/kg	98
97)	1,4-dichlorobenzene	15.458	146	112356	42.92	ug/kg	98
98)	1,2-dichlorobenzene	15.836	146	119401	43.27	ug/kg	97
99)	n-butylbenzene	15.882	91	186803	45.93	ug/kg	95
100)	1,2-dibromo-3-chloropr...	16.301	75	8333	43.87	ug/kg	93
101)	1,3,5-trichlorobenzene	17.118	180	104322	43.25	ug/kg	99
102)	1,2,4-trichlorobenzene	17.659	180	85418	44.78	ug/kg	98
103)	hexachlorobutadiene	17.953	225	41303	47.17	ug/kg	94
104)	naphthalene	17.905	128	149028	40.46	ug/kg	100
105)	1,2,3-trichlorobenzene	18.129	180	60443	43.24	ug/kg	100
106)	2-methylnaphthalene	19.238	142	36438m	30.92	ug/kg	
107)	1-methylnaphthalene	19.474	142	29735m	35.37	ug/kg	

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150204\
Data File : k85191.D
Acq On : 4 Feb 2015 9:25 am
Operator : jaimem
Sample : bs
Misc : ms33796,msk2667,10,,100,10,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 04 09:54:44 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Feb 04 08:22:20 2015
Response via : Initial Calibration



K150203S.M Wed Feb 04 10:03:32 2015

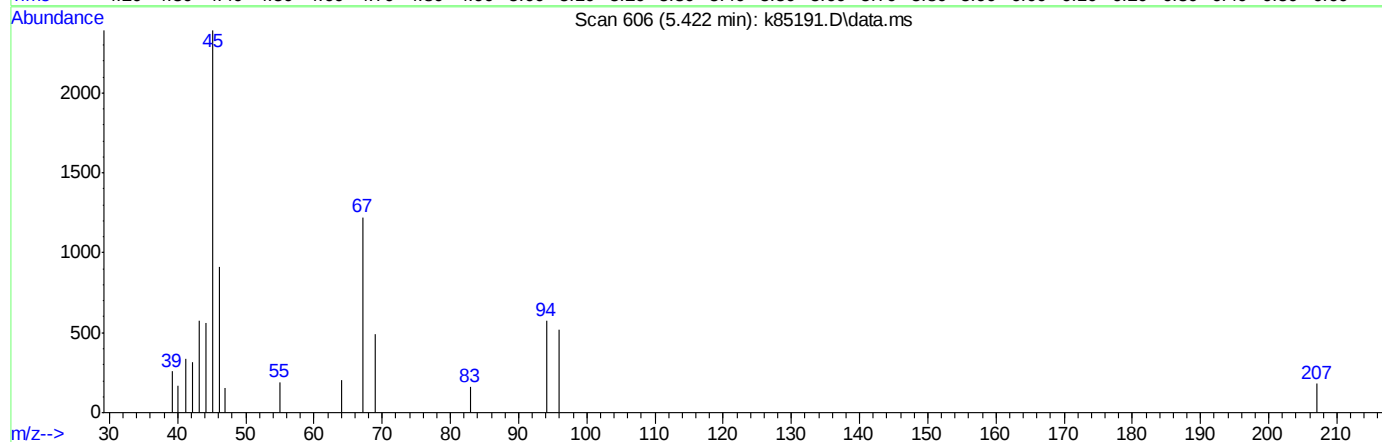
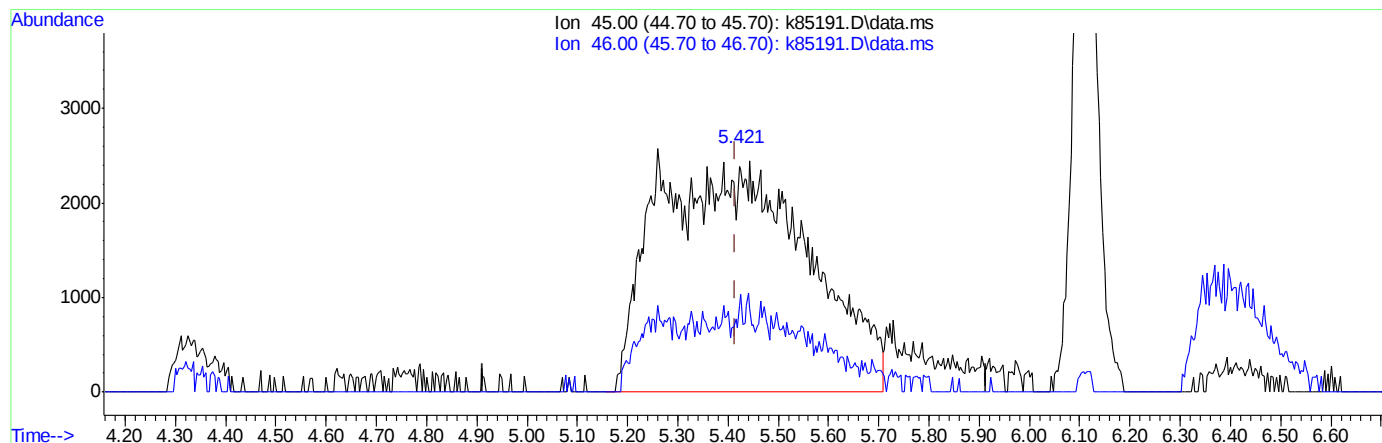
Page: 4

7.6.11

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150204\
Data File : k85191.D
Acq On : 4 Feb 2015 9:25 am
Operator : jaimem
Sample : bs
Misc : ms33796,msk2667,10,,100,10,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 04 09:49:45 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Feb 04 08:22:20 2015
Response via : Initial Calibration



(3) Ethanol (p)

5.421min (+0.007) 4757.75ug/kg

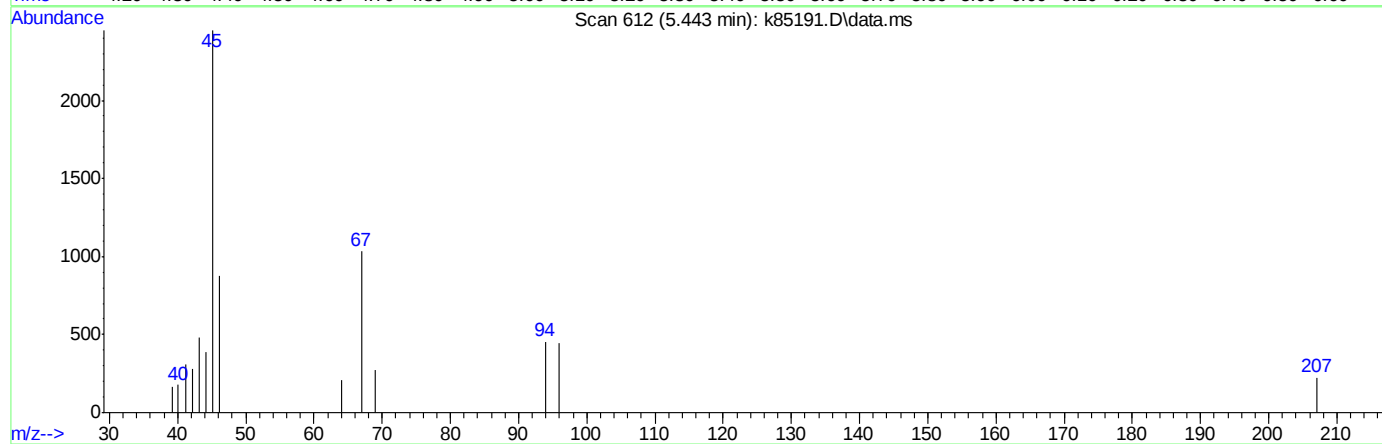
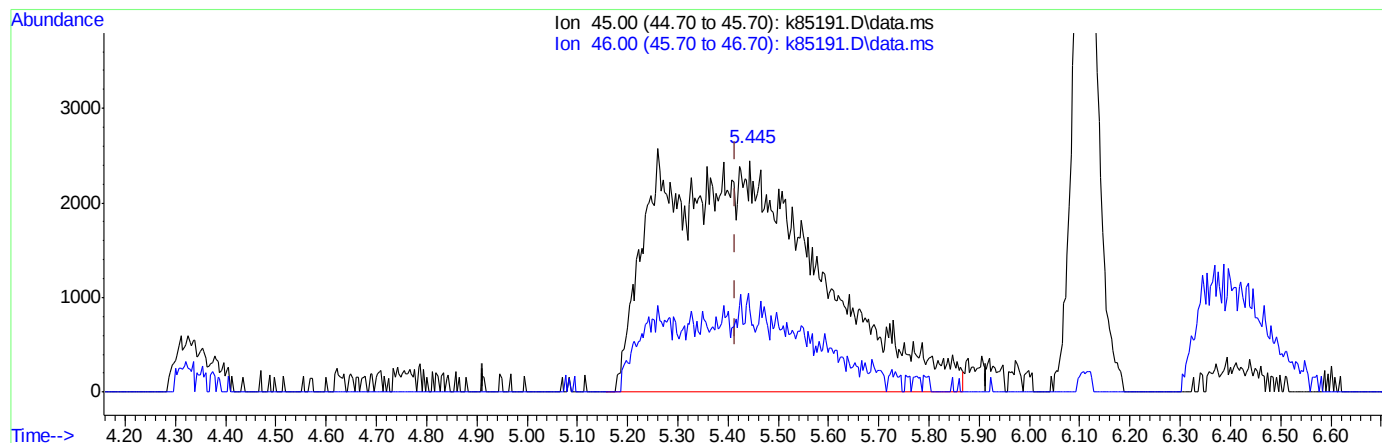
response 50904

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

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150204\
Data File : k85191.D
Acq On : 4 Feb 2015 9:25 am
Operator : jaimem
Sample : bs
Misc : ms33796,msk2667,10,,100,10,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 04 09:49:45 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Feb 04 08:22:20 2015
Response via : Initial Calibration



(3) Ethanol (p)

5.443min (+0.029) 5104.41ug/kg m

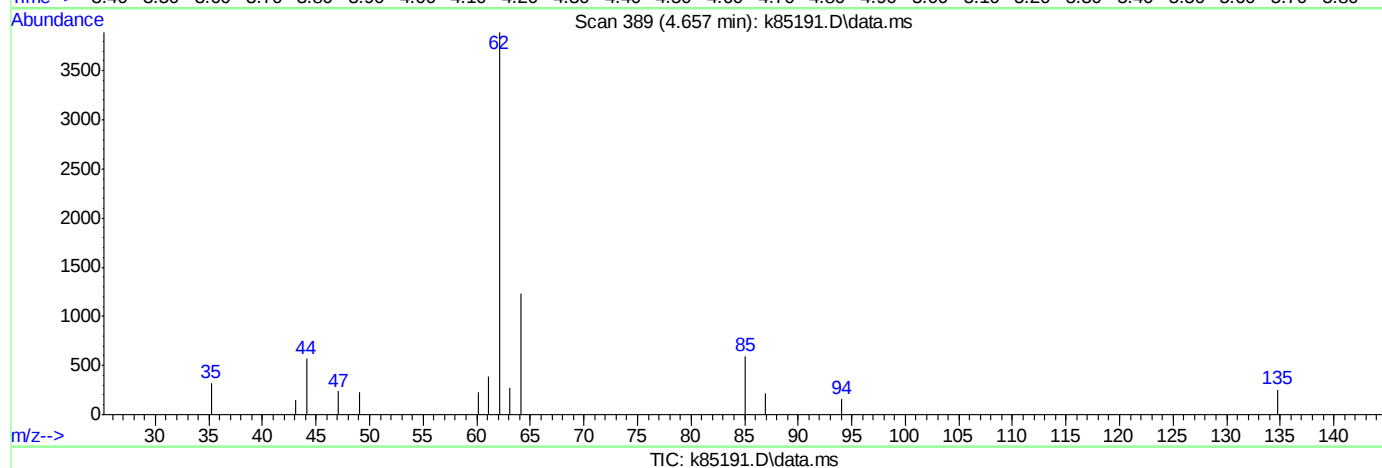
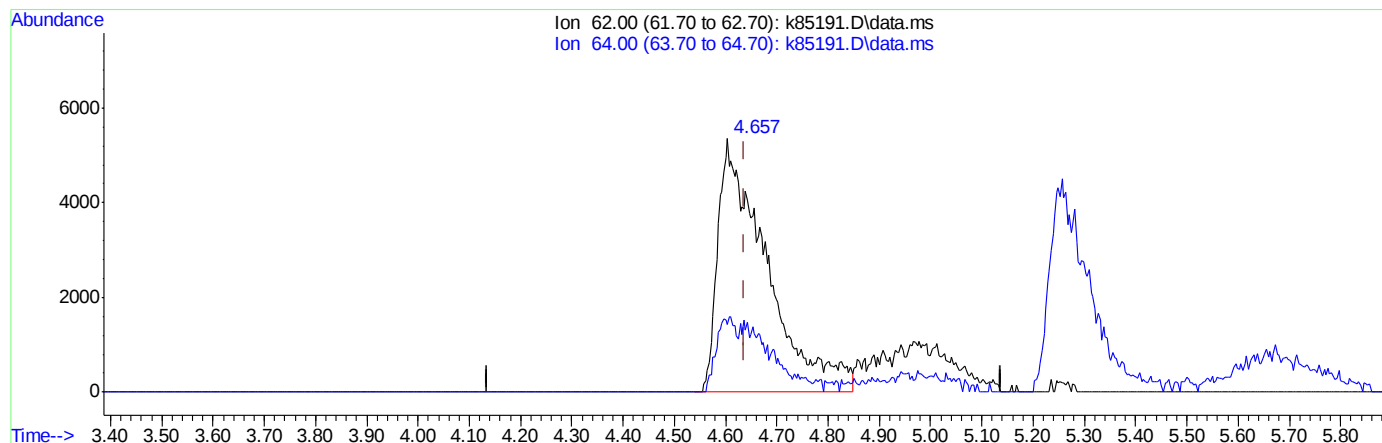
response 54613

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

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150204\
Data File : k85191.D
Acq On : 4 Feb 2015 9:25 am
Operator : jaimem
Sample : bs
Misc : ms33796,msk2667,10,,100,10,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 04 09:49:45 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Feb 04 08:22:20 2015
Response via : Initial Calibration



(7) vinyl chloride (p)

4.657min (+0.020) 64.45ug/kg

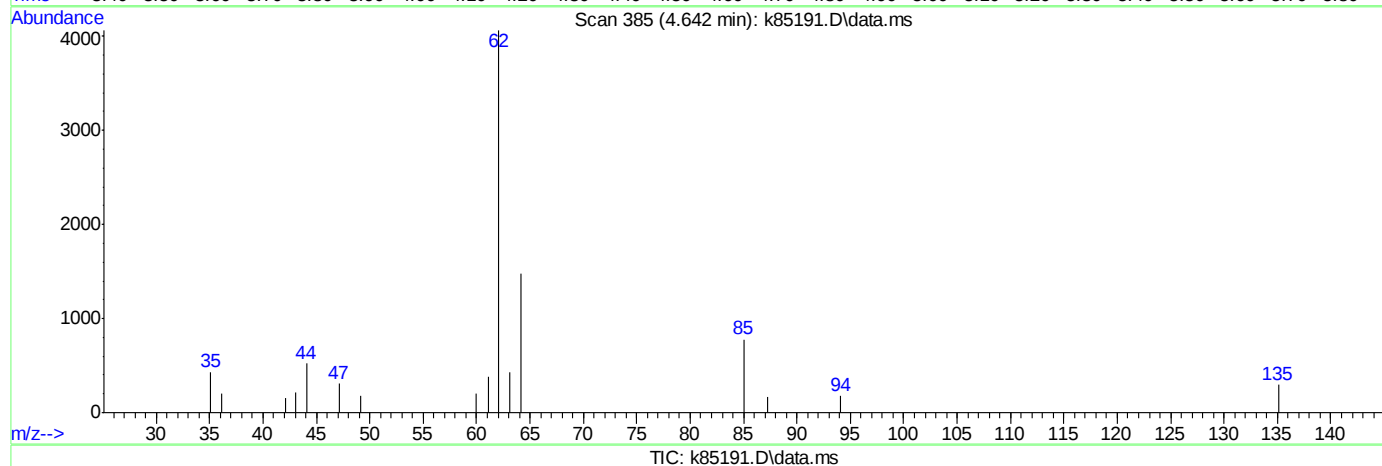
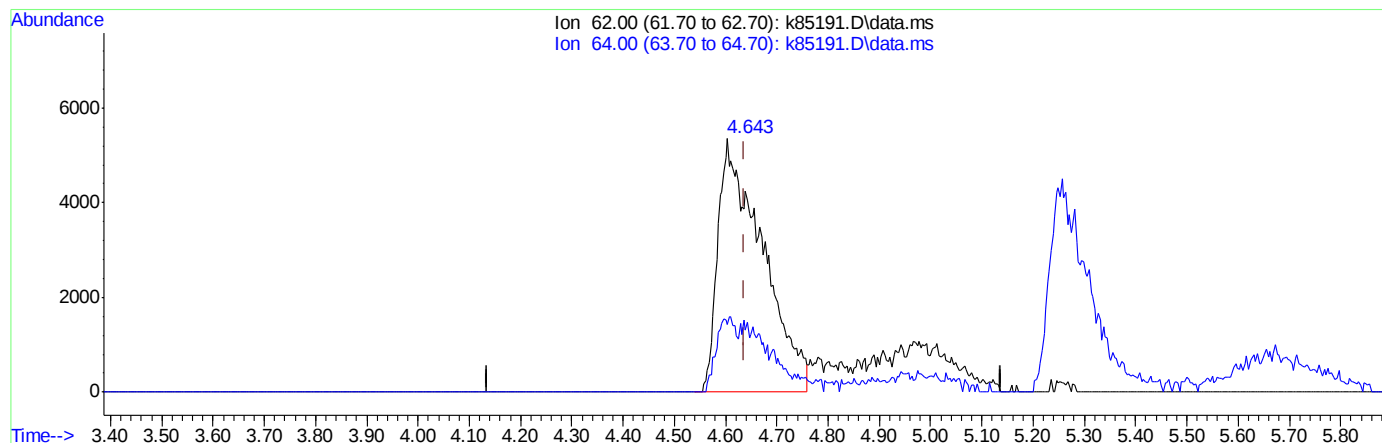
response 35045

Ion	Exp%	Act%
62.00	100	100
64.00	34.10	31.78
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150204\
Data File : k85191.D
Acq On : 4 Feb 2015 9:25 am
Operator : jaimem
Sample : bs
Misc : ms33796,msk2667,10,,100,10,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 04 09:49:45 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Feb 04 08:22:20 2015
Response via : Initial Calibration



(7) vinyl chloride (p)

4.642min (+0.005) 58.85ug/kg m

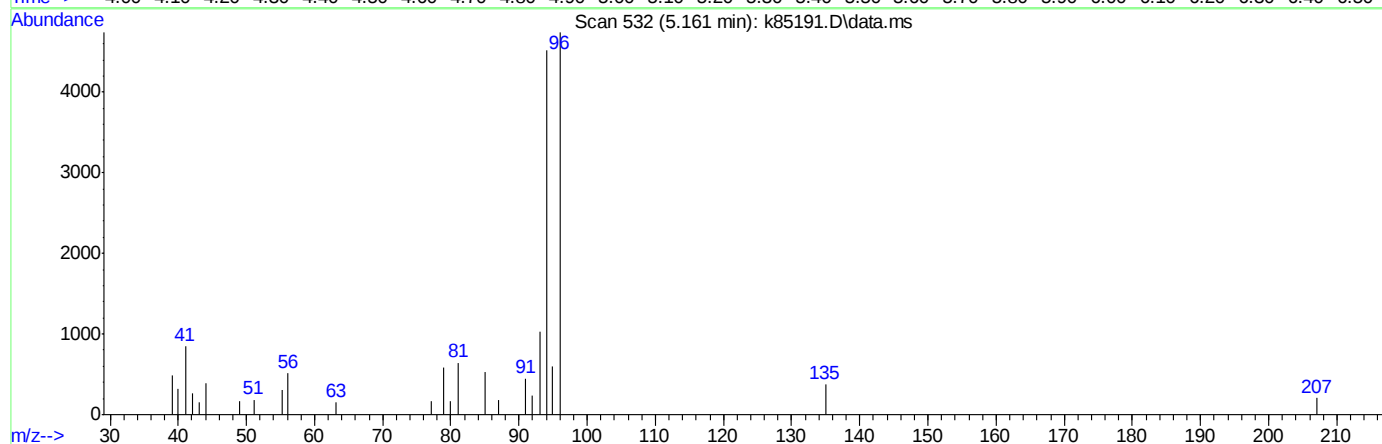
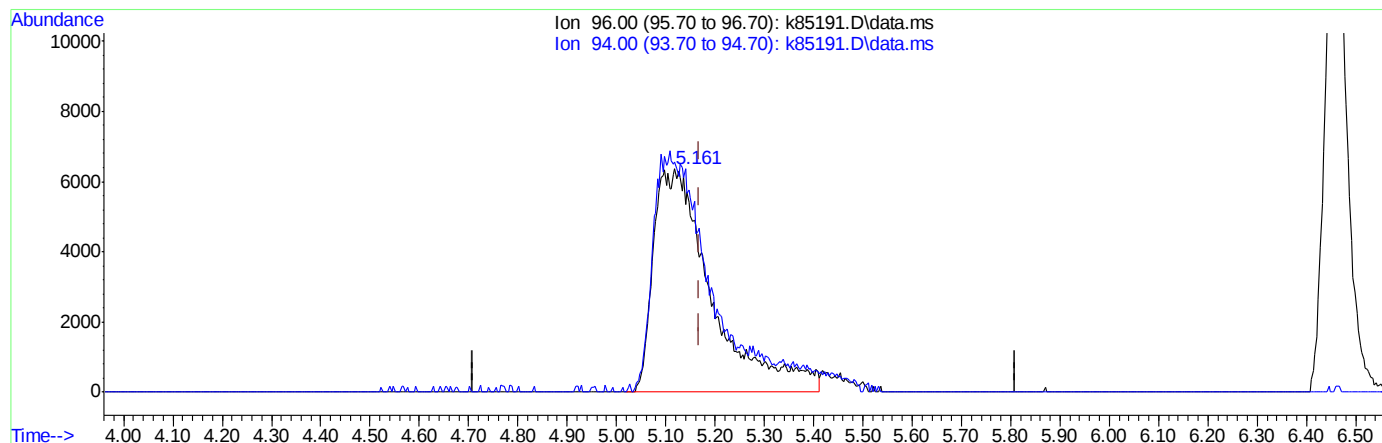
response 32002

Ion	Exp%	Act%
62.00	100	100
64.00	34.10	36.26
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150204\
Data File : k85191.D
Acq On : 4 Feb 2015 9:25 am
Operator : jaimem
Sample : bs
Misc : ms33796,msk2667,10,,100,10,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 04 09:49:45 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Feb 04 08:22:20 2015
Response via : Initial Calibration



TIC: k85191.D\data.ms

(8) bromomethane (p)

5.161min (-0.009) 44.65ug/kg

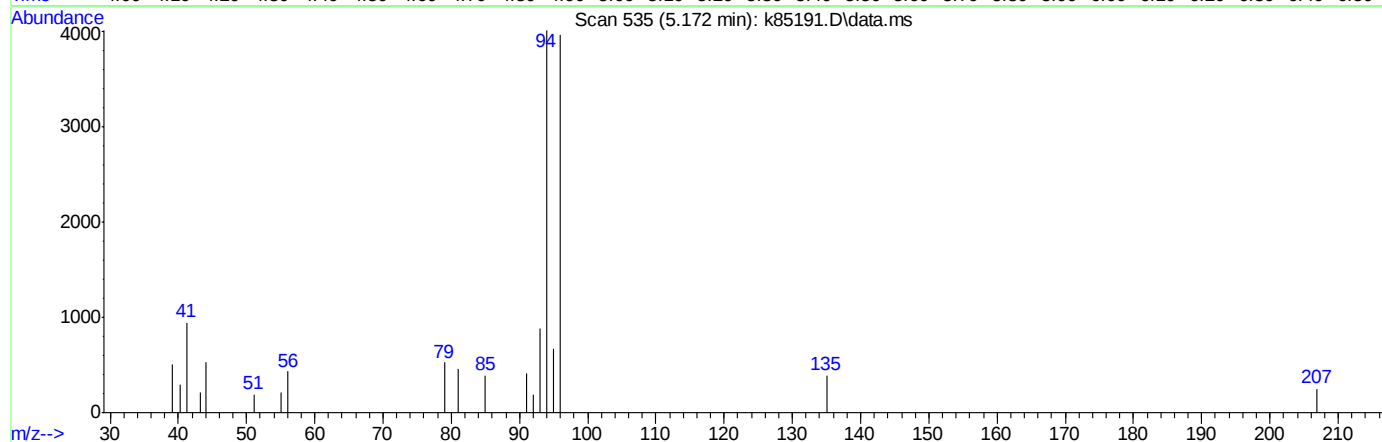
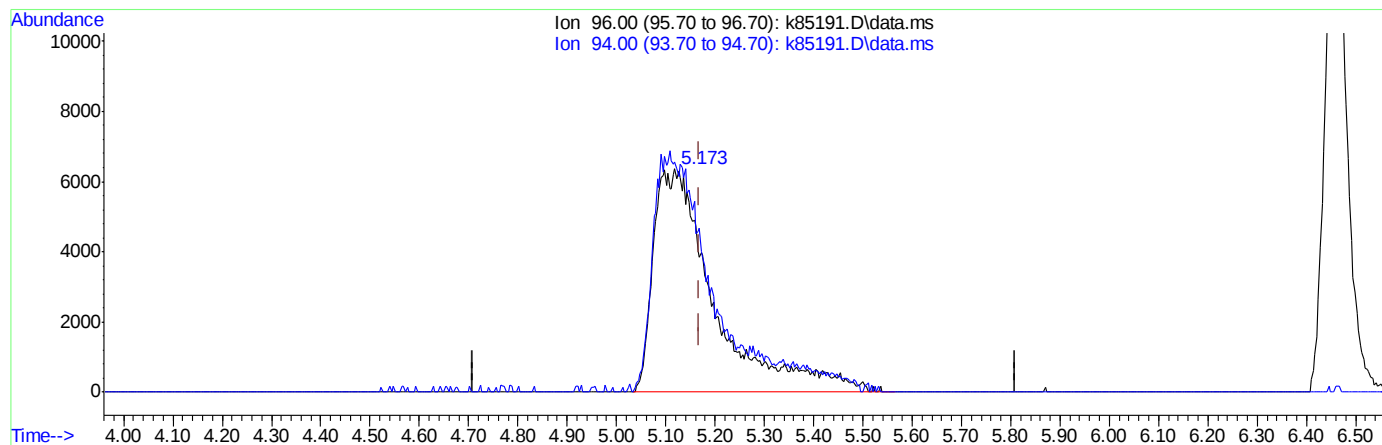
response 52335

Ion	Exp%	Act%
96.00	100	100
94.00	111.40	95.36
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150204\
Data File : k85191.D
Acq On : 4 Feb 2015 9:25 am
Operator : jaimem
Sample : bs
Misc : ms33796,msk2667,10,,100,10,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 04 09:49:45 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Feb 04 08:22:20 2015
Response via : Initial Calibration



TIC: k85191.D\data.ms

(8) bromomethane (p)

5.172min (+0.002) 46.50ug/kg m

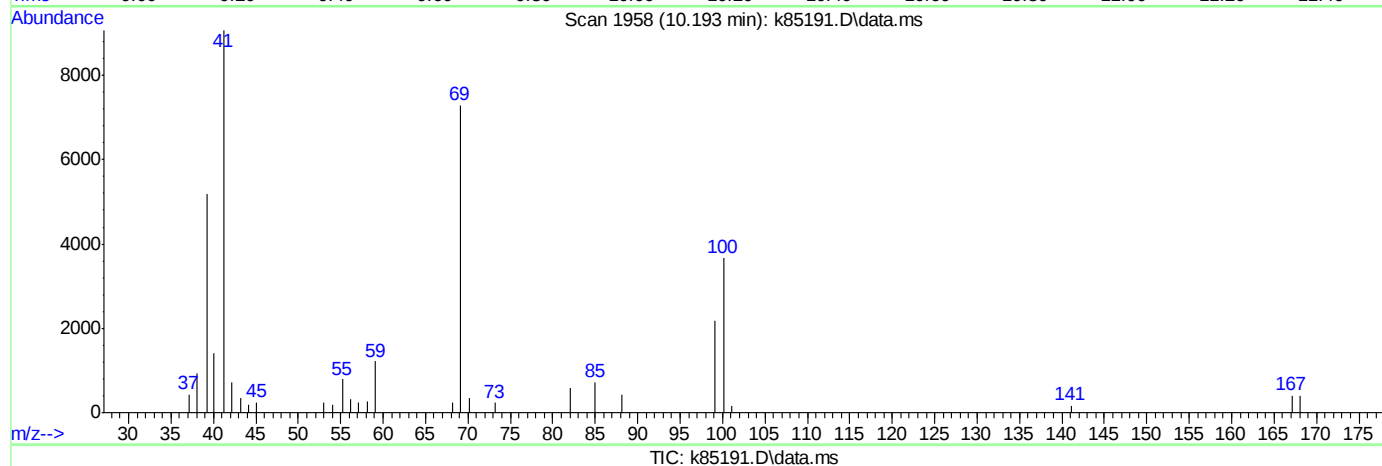
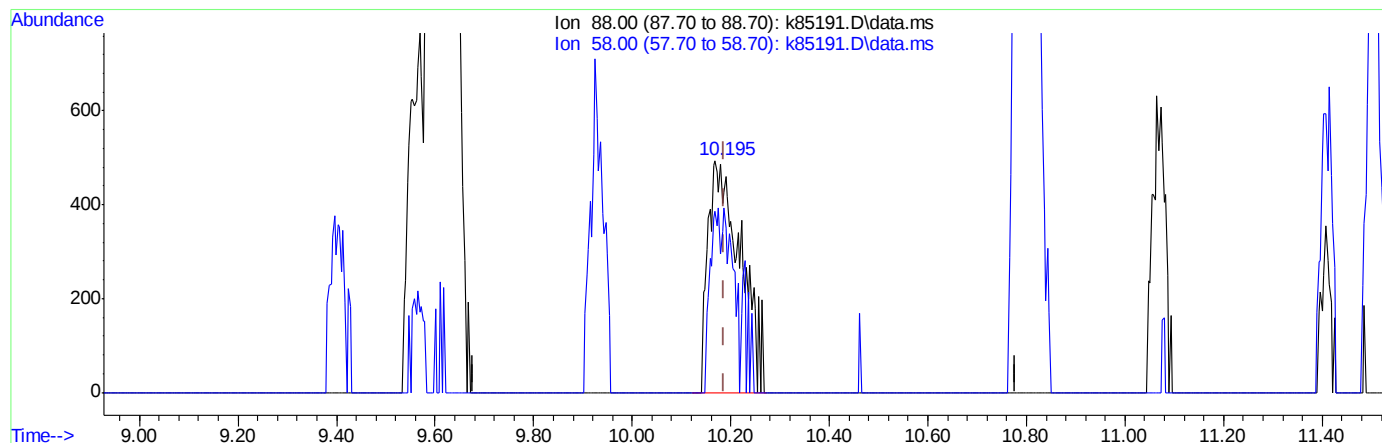
response 54497

Ion	Exp%	Act%
96.00	100	100
94.00	111.40	101.29
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150204\
Data File : k85191.D
Acq On : 4 Feb 2015 9:25 am
Operator : jaimem
Sample : bs
Misc : ms33796,msk2667,10,,100,10,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 04 09:49:45 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Feb 04 08:22:20 2015
Response via : Initial Calibration



(59) 1,4-dioxane (p)

10.195min (+0.007) 220.98ug/kg

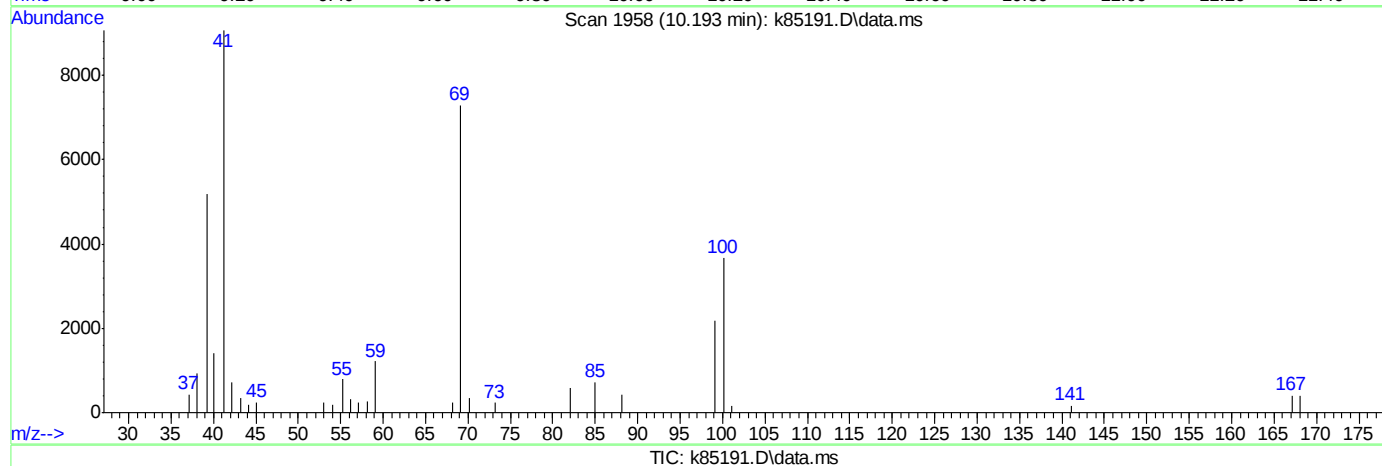
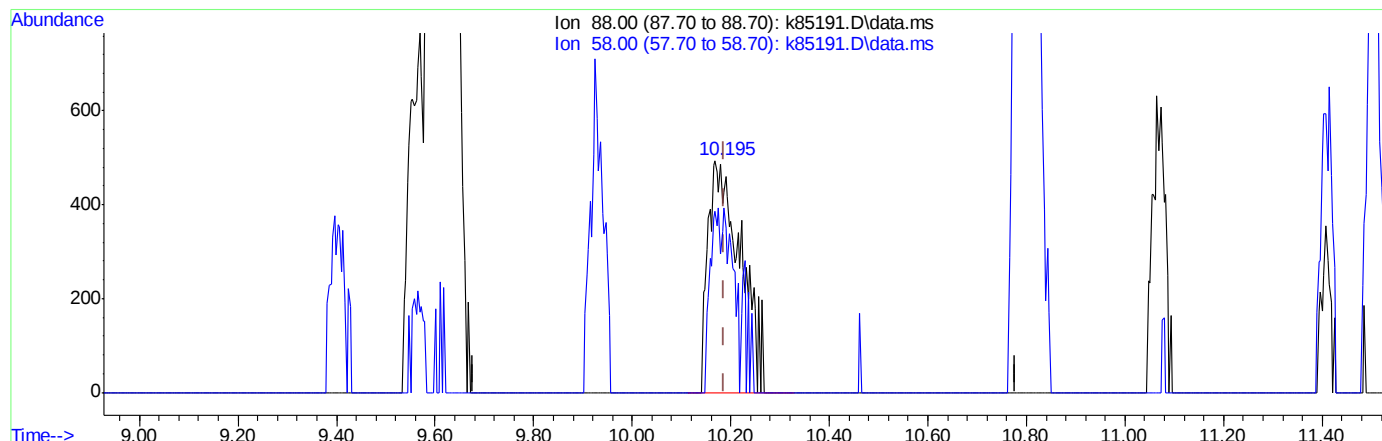
response 2260

Ion	Exp%	Act%
88.00	100	100
58.00	103.80	65.63#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150204\
Data File : k85191.D
Acq On : 4 Feb 2015 9:25 am
Operator : jaimem
Sample : bs
Misc : ms33796,msk2667,10,,100,10,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 04 09:49:45 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Feb 04 08:22:20 2015
Response via : Initial Calibration



(59) 1,4-dioxane (p)

10.193min (+0.005) 220.98ug/kg m

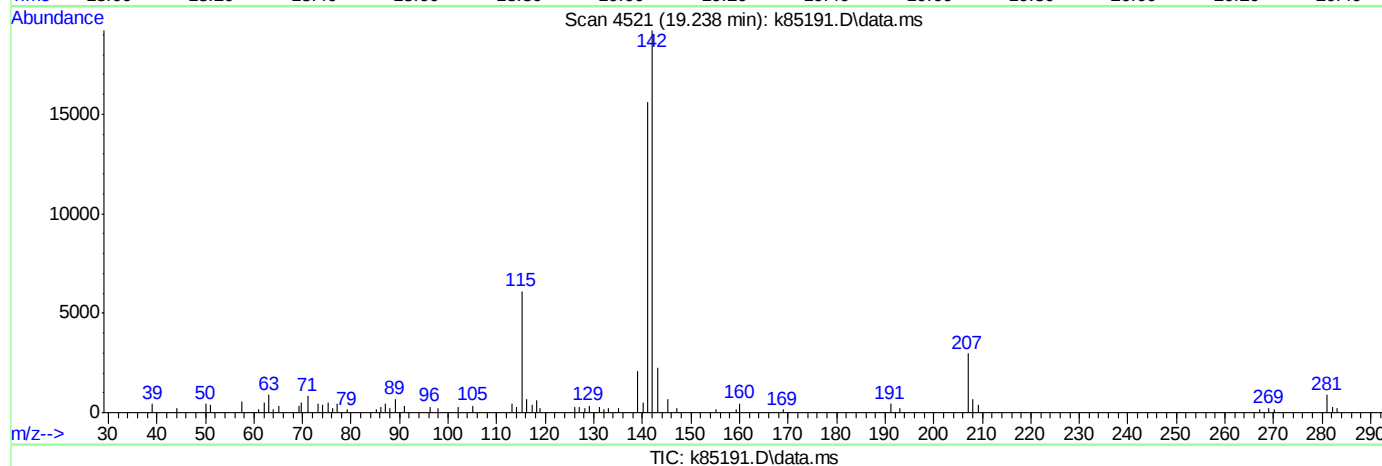
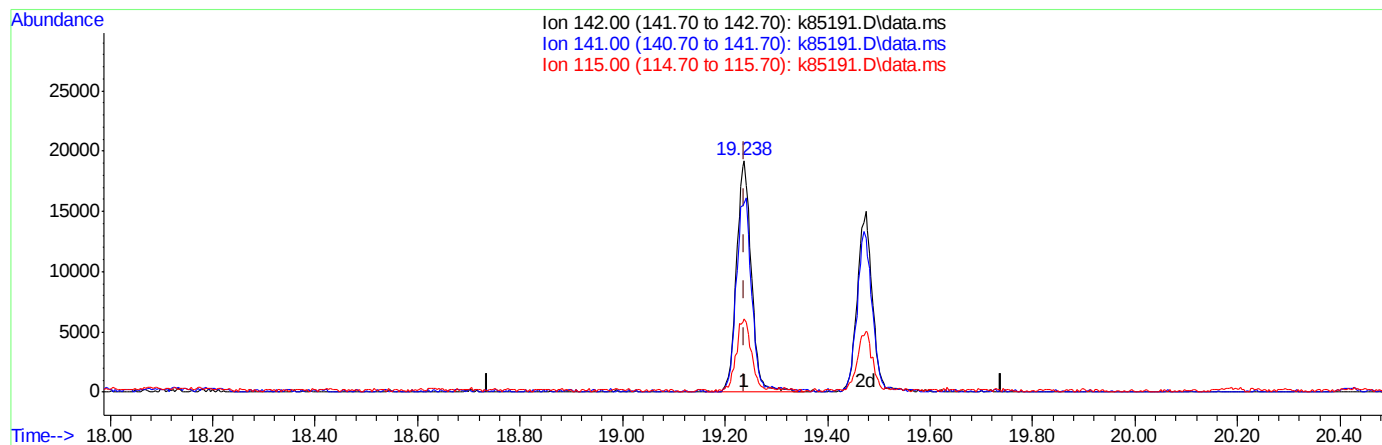
response 2260

Ion	Exp%	Act%
88.00	100	100
58.00	103.80	65.63#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150204\
Data File : k85191.D
Acq On : 4 Feb 2015 9:25 am
Operator : jaimem
Sample : bs
Misc : ms33796,msk2667,10,,100,10,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 04 09:49:45 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Feb 04 08:22:20 2015
Response via : Initial Calibration



(106) 2-methylnaphthalene (p)

19.238min (+0.000) 32.70ug/kg

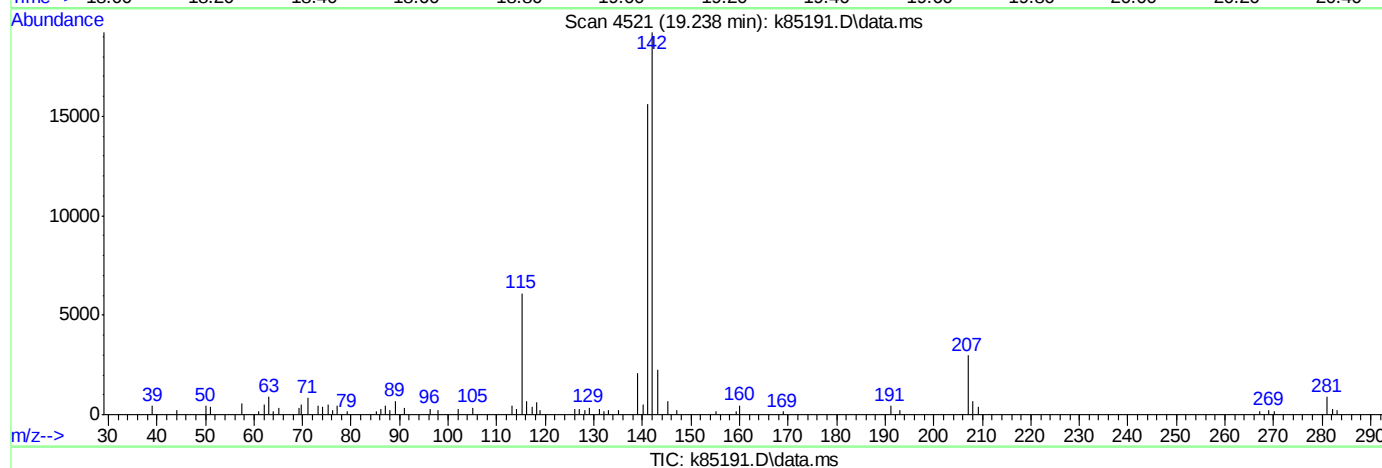
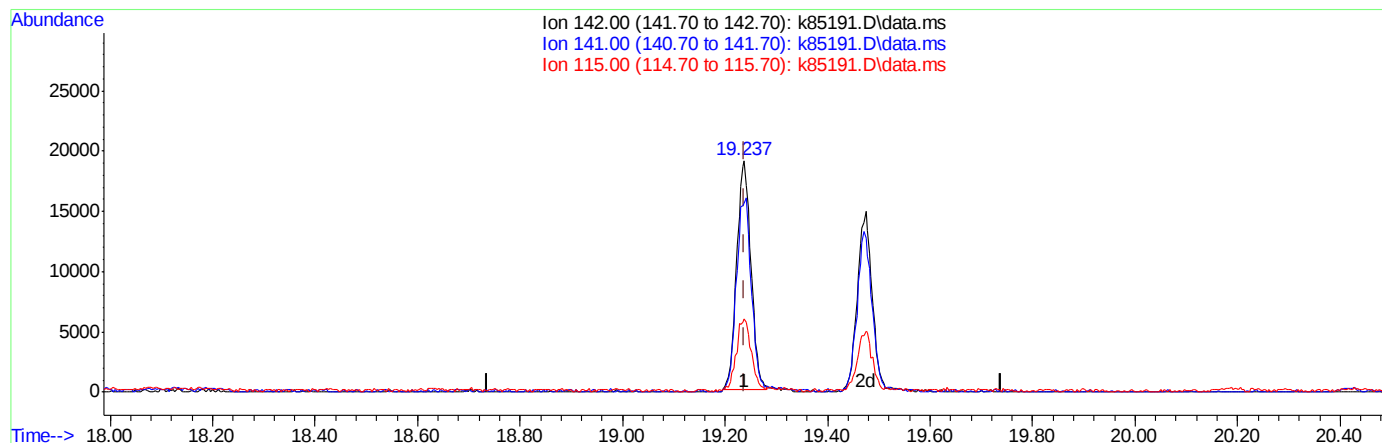
response 38535

Ion	Exp%	Act%
142.00	100	100
141.00	86.00	89.10
115.00	37.20	36.15
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150204\
Data File : k85191.D
Acq On : 4 Feb 2015 9:25 am
Operator : jaimem
Sample : bs
Misc : ms33796,msk2667,10,,100,10,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 04 09:49:45 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Feb 04 08:22:20 2015
Response via : Initial Calibration



(106) 2-methylnaphthalene (p)

19.238min (-0.000) 30.92ug/kg m

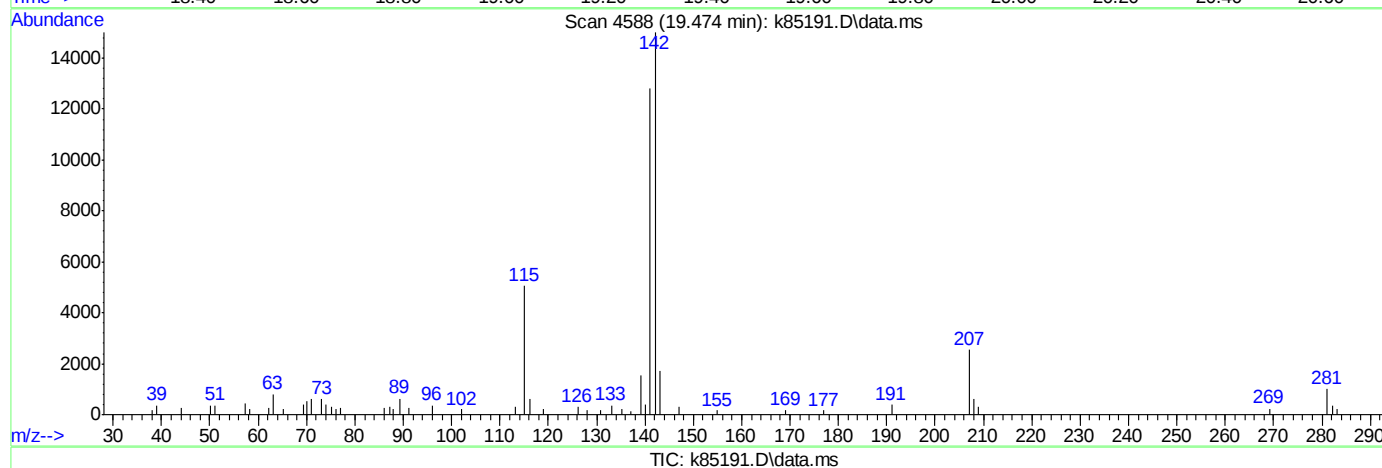
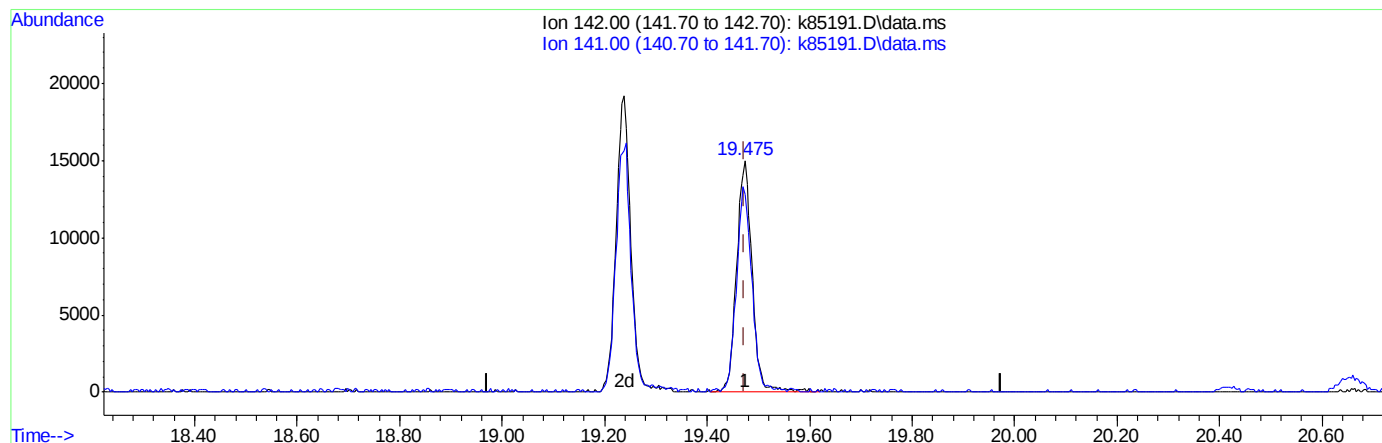
response 36438

Ion	Exp%	Act%
142.00	100	100
141.00	86.00	94.23
115.00	37.20	38.23
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150204\
Data File : k85191.D
Acq On : 4 Feb 2015 9:25 am
Operator : jaimem
Sample : bs
Misc : ms33796,msk2667,10,,100,10,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 04 09:49:45 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Feb 04 08:22:20 2015
Response via : Initial Calibration



(107) 1-methylnaphthalene (p)

19.475min (+0.002) 37.30ug/kg

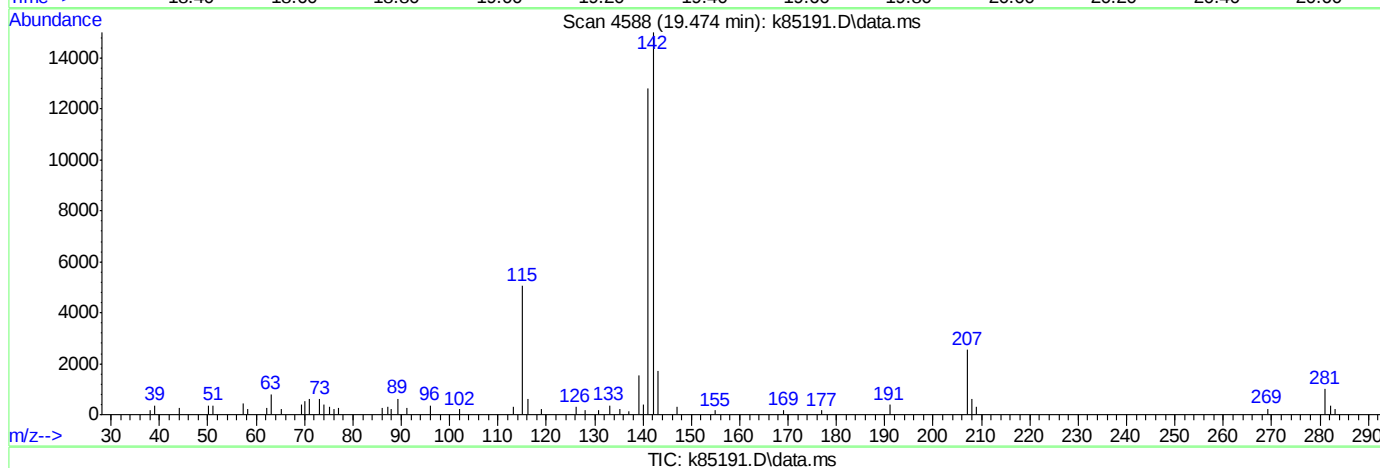
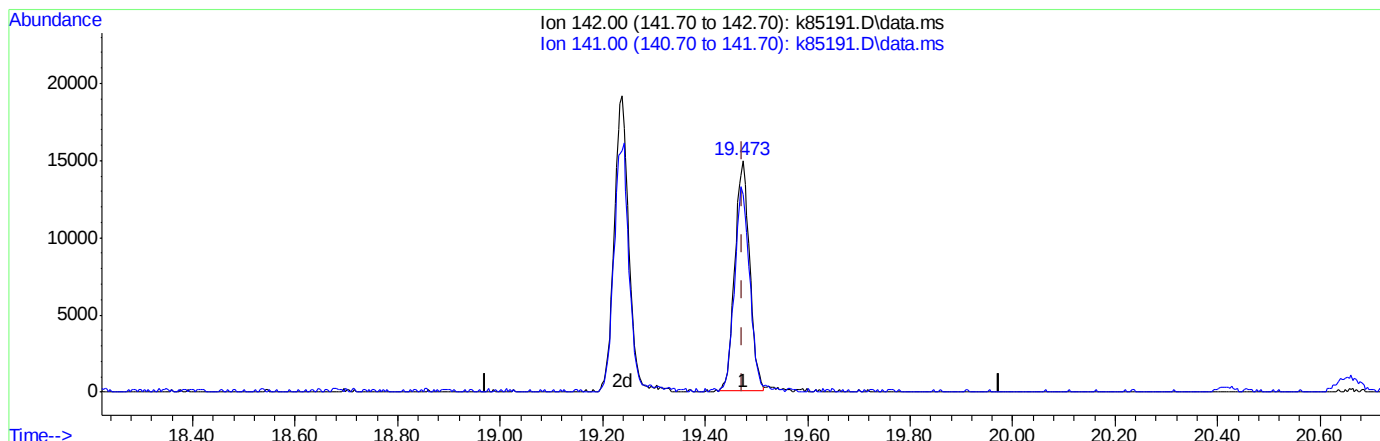
response 31352

Ion	Exp%	Act%
142.00	100	100
141.00	26.30	89.54#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\150204\
Data File : k85191.D
Acq On : 4 Feb 2015 9:25 am
Operator : jaimem
Sample : bs
Misc : ms33796,msk2667,10,,100,10,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 04 09:49:45 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Feb 04 08:22:20 2015
Response via : Initial Calibration



(107) 1-methylnaphthalene (p)

19.474min (+0.001) 35.37ug/kg m

response 29735

Ion	Exp%	Act%
142.00	100	100
141.00	26.30	94.41#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150210\
 Data File : k85338.D
 Acq On : 10 Feb 2015 8:44 am
 Operator : jaimem
 Sample : cc2666-50
 Misc : ms33827,msk2670,10,,100,10,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 09:15:40 2015
 Quant Method : C:\msdchem\1\methods\K150203S.M
 Quant Title : SW-846 Method 8260
 QLast Update : Wed Feb 04 10:00:35 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Tert butyl alcohol-d9	6.405	65	36590	500.00	ug/kg	# 0.00
4) pentafluorobenzene	8.768	168	93550	50.00	ug/kg	0.00
44) 1,4-difluorobenzene	9.616	114	133366	50.00	ug/kg	0.00
67) chlorobenzene-d5	12.872	82	56620	50.00	ug/kg	0.00
82) 1,4-dichlorobenzene-d4	15.431	152	72467	50.00	ug/kg	0.00
System Monitoring Compounds						
41) dibromofluoromethane (s)	8.397	113	48296	50.44	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	100.88%		
61) toluene-d8 (s)	11.409	98	144910	50.57	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	101.14%		
84) bromofluorobenzene (s)	14.092	95	52417	47.29	ug/kg	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.58%		
Target Compounds						
						Qvalue
2) tertiary butyl alcohol	6.492	59	47179	481.22	ug/kg	92
3) Ethanol	5.417	45	51406	5114.17	ug/kg#	100
5) dichlorodifluoromethane	4.199	85	39356	40.69	ug/kg	92
6) chloromethane	4.408	50	70586	45.58	ug/kg	95
7) vinyl chloride	4.636	62	23521	49.40	ug/kg	89
8) bromomethane	5.169	96	50333	49.04	ug/kg	91
9) chloroethane	5.270	64	21983	45.68	ug/kg	95
10) dichlorofluoromethane	5.323	67	60935	47.55	ug/kg	100
11) ethyl ether	6.104	59	27482	47.22	ug/kg	95
12) acetonitrile	5.901	41	7399	49.49	ug/kg	64
13) trichlorofluoromethane	5.892	101	51985	44.63	ug/kg	96
14) freon-113	6.659	101	21762	47.99	ug/kg	87
15) acrolein	5.850	56	13246	207.48	ug/kg	100
16) 1,1-dichloroethene	6.454	96	40596	47.14	ug/kg	83
17) acetone	5.986	58	1500	44.86	ug/kg#	1
18) Methyl Acetate	6.597	43	36476	47.36	ug/kg#	83
19) methylene chloride	6.594	84	47385	48.19	ug/kg#	75
20) methyl tert butyl ether	7.376	73	93445	46.94	ug/kg	92
21) acrylonitrile	6.481	53	13126	48.95	ug/kg	94
22) allyl chloride	6.679	41	60649	50.87	ug/kg	76
23) trans-1,2-dichloroethene	7.264	96	47219	46.89	ug/kg	89
24) iodomethane	6.503	142	105567	50.63	ug/kg	95
25) carbon disulfide	6.869	76	144897	49.34	ug/kg	99
26) propionitrile	7.503	54	4867	50.38	ug/kg	100
27) vinyl acetate	7.595	43	36567	47.06	ug/kg	93
28) chloroprene	7.880	53	53067	46.22	ug/kg	59
29) di-isopropyl ether	7.936	45	120815	48.08	ug/kg	94
30) methacrylonitrile	8.014	41	18142	45.57	ug/kg	70
31) 2-butanone	7.913	72	2871	46.27	ug/kg#	1
32) Hexane	7.922	41	53035	44.85	ug/kg#	68
33) 1,1-dichloroethane	7.520	63	73930	48.08	ug/kg	89
34) tert-butyl ethyl ether	8.326	59	111456	48.12	ug/kg	90
35) isobutyl alcohol	8.328	43	14170	243.60	ug/kg#	80
36) 2,2-dichloropropane	8.382	77	58298	48.61	ug/kg	95

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150210\
 Data File : k85338.D
 Acq On : 10 Feb 2015 8:44 am
 Operator : jaimem
 Sample : cc2666-50
 Misc : ms33827,msk2670,10,,100,10,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 09:15:40 2015
 Quant Method : C:\msdchem\1\methods\K150203S.M
 Quant Title : SW-846 Method 8260
 QLast Update : Wed Feb 04 10:00:35 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) cis-1,2-dichloroethene	8.093	96	50051	48.86	ug/kg	89
38) ethyl acetate	8.205	43	26280	45.29	ug/kg	92
39) bromochloromethane	8.245	128	29935	48.84	ug/kg	89
40) chloroform	8.284	83	76542	47.51	ug/kg	94
42) Tetrahydrofuran	8.608	42	9135	45.63	ug/kg	71
43) 1,1,1-trichloroethane	9.044	97	72929	47.67	ug/kg	98
45) Cyclohexane	9.341	56	54979	46.06	ug/kg#	82
46) carbon tetrachloride	9.403	117	71690	45.77	ug/kg	98
47) 1,1-dichloropropene	9.216	75	50952	46.72	ug/kg	98
48) benzene	9.414	78	149844	45.81	ug/kg	91
49) 1,2-dichloroethane	8.922	62	49603	45.70	ug/kg	94
50) tert-amyl methyl ether	9.564	73	108478	48.46	ug/kg	80
51) heptane	9.928	43	40077	44.13	ug/kg	83
52) trichloroethene	10.052	95	43686	46.84	ug/kg	96
53) 1,2-dichloropropane	10.006	63	36634	47.67	ug/kg	96
54) dibromomethane	9.979	93	26827	46.99	ug/kg	85
55) bromodichloromethane	10.092	83	53506	48.22	ug/kg	91
56) Methylcyclohexane	10.588	83	64935	46.13	ug/kg#	75
57) 2-chloroethyl vinyl ether	10.463	63	18069	41.55	ug/kg	98
58) methyl methacrylate	10.181	69	19563	47.40	ug/kg#	56
59) 1,4-dioxane	10.180	88	2105	232.21	ug/kg	77
60) cis-1,3-dichloropropene	10.717	75	56906	47.73	ug/kg	92
62) 4-methyl-2-pentanone	10.799	43	29754	46.14	ug/kg	90
63) toluene	11.481	92	91857	46.28	ug/kg	96
64) trans-1,3-dichloropropene	11.129	75	48021	46.49	ug/kg	99
65) 1,1,2-trichloroethane	11.301	83	26304	47.17	ug/kg	91
66) ethyl methacrylate	11.504	69	36584	47.38	ug/kg	86
68) tetrachloroethene	12.238	166	48845	48.04	ug/kg	95
69) 1,3-dichloropropane	11.539	76	46113	49.31	ug/kg	97
70) dibromochloromethane	11.819	129	47939	48.78	ug/kg	92
71) 1,2-dibromoethane	12.067	107	35328	47.63	ug/kg	86
72) 2-hexanone	11.654	43	14580	46.95	ug/kg	97
73) chlorobenzene	12.907	112	112395	48.26	ug/kg	98
74) 1,1,1,2-tetrachloroethane	12.835	131	58394	51.89	ug/kg	82
75) ethylbenzene	13.079	91	171911	48.91	ug/kg	95
76) m,p-xylene	13.262	106	141653	96.69	ug/kg	98
77) o-xylene	13.675	106	76692	49.76	ug/kg	85
78) styrene	13.598	104	112077	50.03	ug/kg	82
79) bromoform	13.418	173	29521	49.58	ug/kg	96
80) cis-1,4-dichloro-2-butene	13.508	88	13514	49.14	ug/kg#	77
81) trans-1,4-dichloro-2-b...	13.828	53	10002	49.83	ug/kg#	48
83) isopropylbenzene	14.040	105	207805	44.66	ug/kg	98
85) bromobenzene	14.325	156	56748	44.25	ug/kg	89
86) 1,1,2,2-tetrachloroethane	13.686	83	41838	44.80	ug/kg	91
87) 1,2,3-trichloropropane	13.828	75	44303	44.69	ug/kg	97
88) n-propylbenzene	14.487	91	213700	44.61	ug/kg	97
89) 2-chlorotoluene	14.607	91	129592	44.57	ug/kg	95
90) 4-chlorotoluene	14.684	91	121938	44.14	ug/kg	96
91) 1,3,5-trimethylbenzene	14.758	105	175070	43.97	ug/kg	90
92) tert-butylbenzene	15.065	91	91889	43.12	ug/kg	96

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150210\
Data File : k85338.D
Acq On : 10 Feb 2015 8:44 am
Operator : jaimem
Sample : cc2666-50
Misc : ms33827,msk2670,10,,100,10,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 09:15:40 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Feb 04 10:00:35 2015
Response via : Initial Calibration

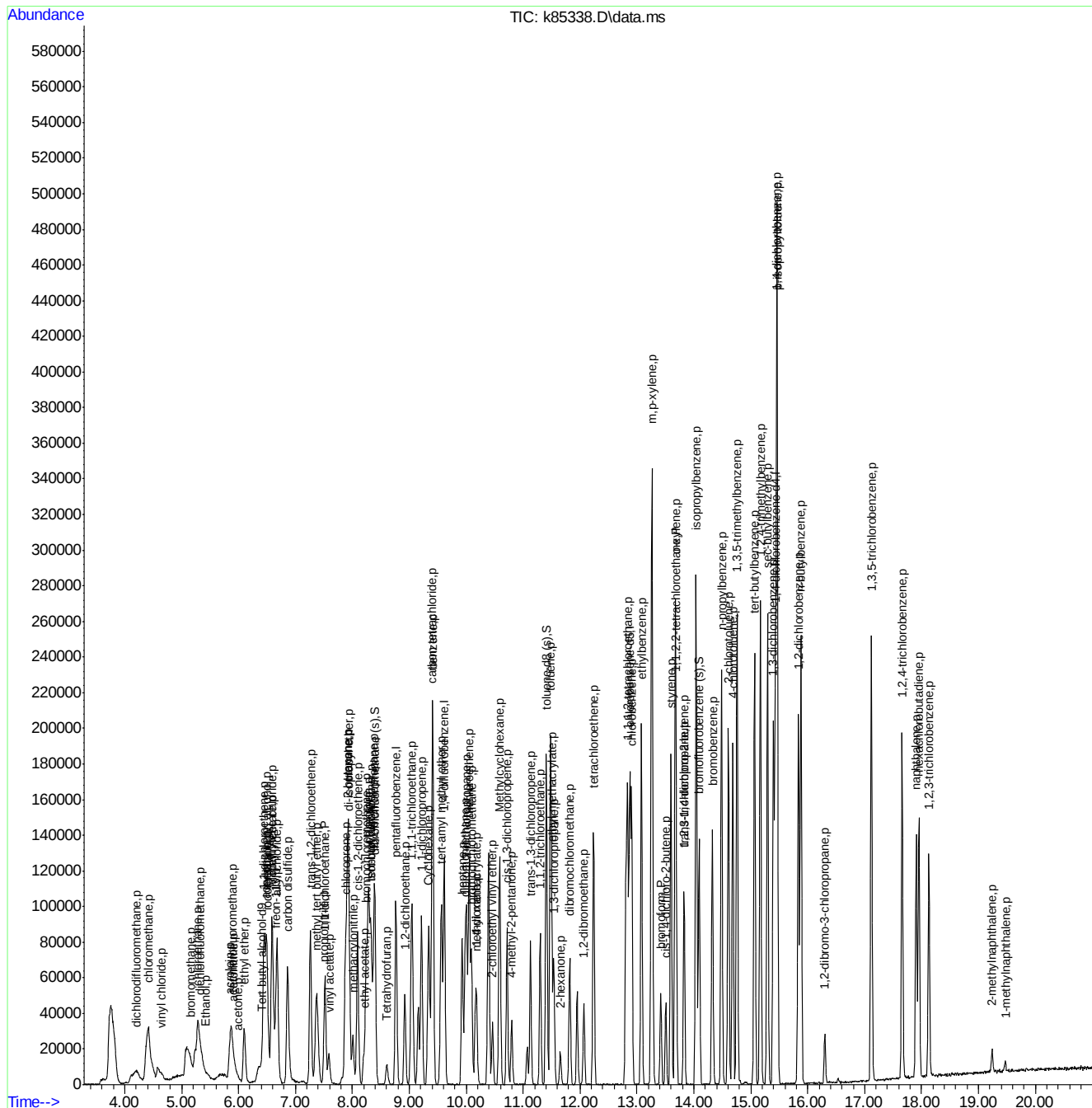
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93)	1,2,4-trimethylbenzene	15.169	105	177935	43.49	ug/kg	88
94)	sec-butylbenzene	15.293	105	224613	44.32	ug/kg	96
95)	1,3-dichlorobenzene	15.397	146	106341	44.86	ug/kg	97
96)	p-isopropyltoluene	15.461	119	202655	44.77	ug/kg	97
97)	1,4-dichlorobenzene	15.459	146	105904	45.69	ug/kg	98
98)	1,2-dichlorobenzene	15.837	146	110784	45.35	ug/kg	98
99)	n-butylbenzene	15.881	91	160486	44.57	ug/kg	91
100)	1,2-dibromo-3-chloropr...	16.301	75	6935	41.24	ug/kg#	72
101)	1,3,5-trichlorobenzene	17.119	180	97799	45.80	ug/kg	99
102)	1,2,4-trichlorobenzene	17.659	180	74110	43.89	ug/kg	100
103)	hexachlorobutadiene	17.953	225	33212	42.84	ug/kg	93
104)	naphthalene	17.905	128	137453	42.15	ug/kg	100
105)	1,2,3-trichlorobenzene	18.130	180	49813	40.25	ug/kg	95
106)	2-methylnaphthalene	19.238	142	8501	8.15	ug/kg	96
107)	1-methylnaphthalene	19.473	142	4313	5.80	ug/kg#	1

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\150210\
Data File : k85338.D
Acq On : 10 Feb 2015 8:44 am
Operator : jaimem
Sample : cc2666-50
Misc : ms33827,msk2670,10,,100,10,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 09:15:40 2015
Quant Method : C:\msdchem\1\methods\K150203S.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Feb 04 10:00:35 2015
Response via : Initial Calibration



7.6.12



Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150115\
 Data File : U25636.D
 Acq On : 15 Jan 2015 5:22 pm
 Operator : GaryK
 Sample : ic1085-0.5
 Misc : ms33699,msu1085,,,,,5,1
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 16 08:59:05 2015
 Quant Method : D:\msdchem\1\methods\U150115w.m
 Quant Title : SW-846 Method 8260
 QLast Update : Fri Jan 16 08:55:23 2015
 Response via : Initial Calibration

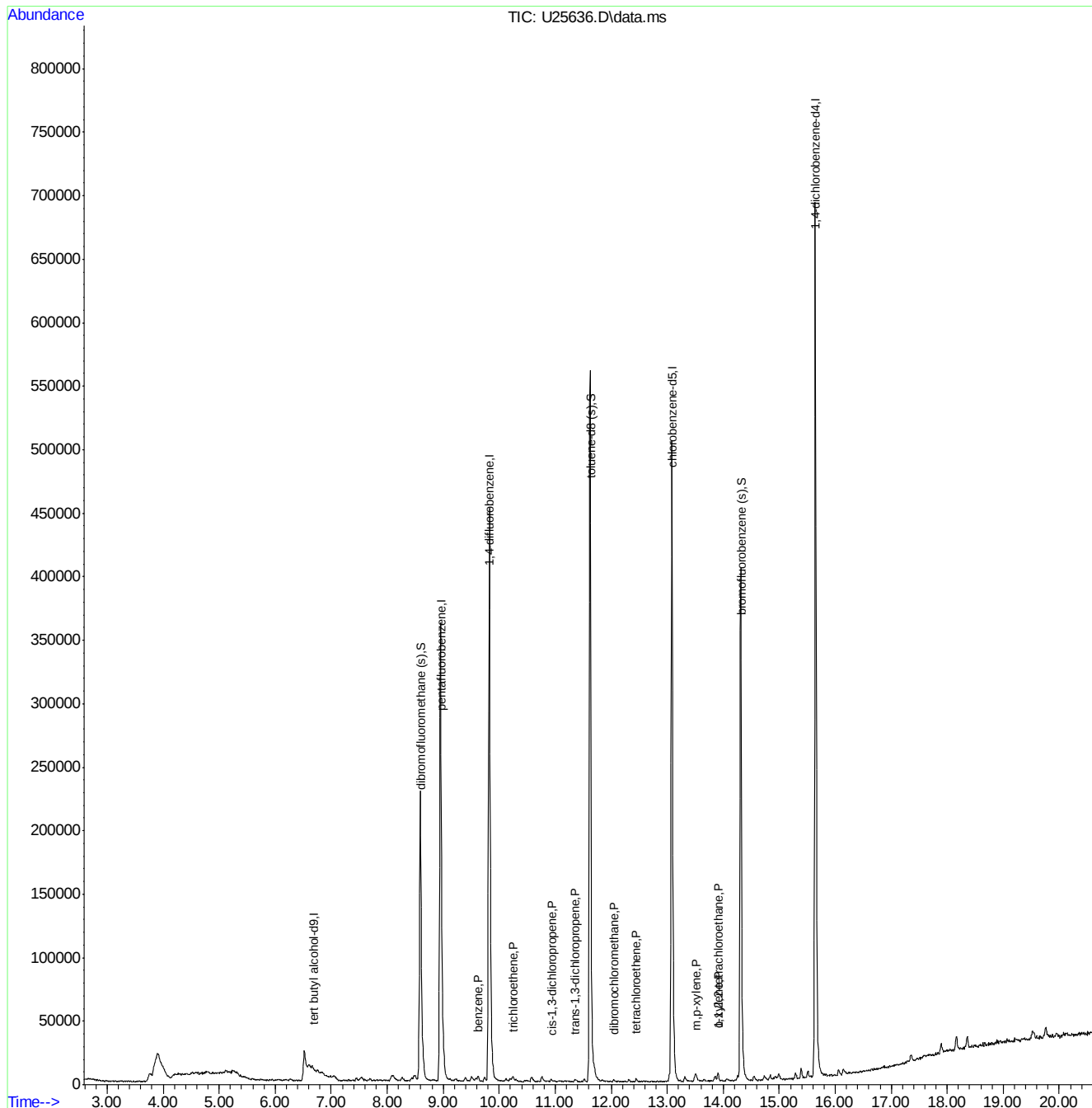
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	6.685	65	134846	500.00	ppb	0.00
4) pentafluorobenzene	8.962	168	330932	50.00	ppb	0.00
43) 1,4-difluorobenzene	9.829	114	479082	50.00	ppb	0.00
66) chlorobenzene-d5	13.088	82	167518	50.00	ppb	# 0.00
80) 1,4-dichlorobenzene-d4	15.651	152	230926	50.00	ppb	0.00
System Monitoring Compounds						
40) dibromofluoromethane (s)	8.599	113	171305	47.37	ppb	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.74%		
60) toluene-d8 (s)	11.627	98	454466	47.19	ppb	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.38%		
82) bromofluorobenzene (s)	14.317	95	161614	47.33	ppb	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.66%		
Target Compounds						
						Qvalue
47) benzene	9.627	78	4268m	0.45	ppb	
51) trichloroethene	10.245	95	1506m	0.48	ppb	
59) cis-1,3-dichloropropene	10.938	75	1424m	0.37	ppb	
63) trans-1,3-dichloropropene	11.362	75	1245m	0.39	ppb	
67) tetrachloroethene	12.444	166	999m	0.38	ppb	
69) dibromochloromethane	12.047	129	1282m	0.43	ppb	
75) m,p-xylene	13.513	106	3917m	0.99	ppb	
76) o-xylene	13.910	106	2089m	0.48	ppb	
84) 1,1,2,2-tetrachloroethane	13.910	83	1161m	0.39	ppb	

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

Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25636.D
Acq On : 15 Jan 2015 5:22 pm
Operator : GaryK
Sample : ic1085-0.5
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 19 Sample Multiplier: 1

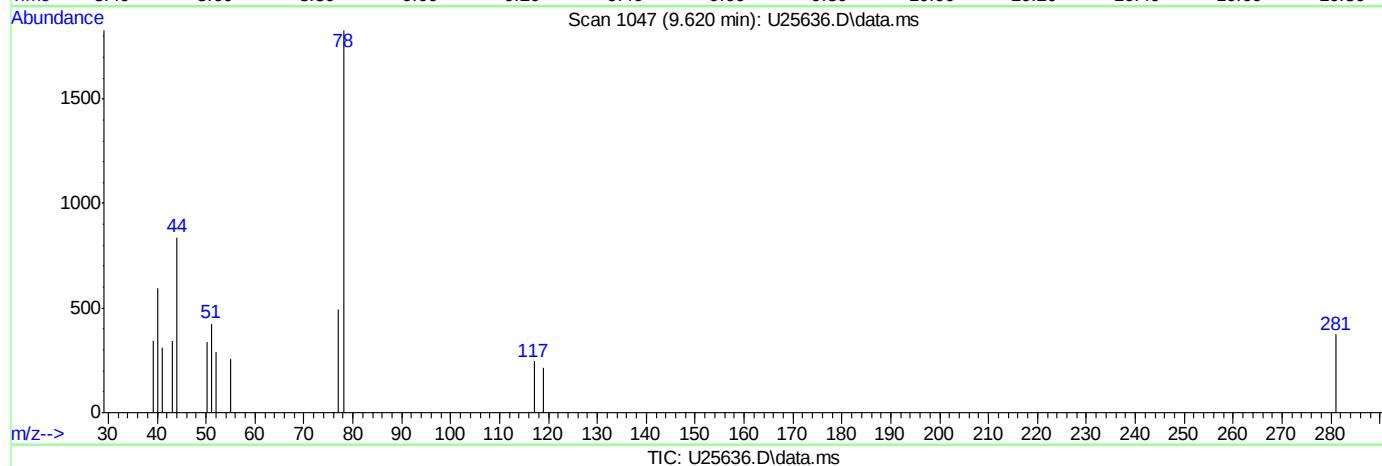
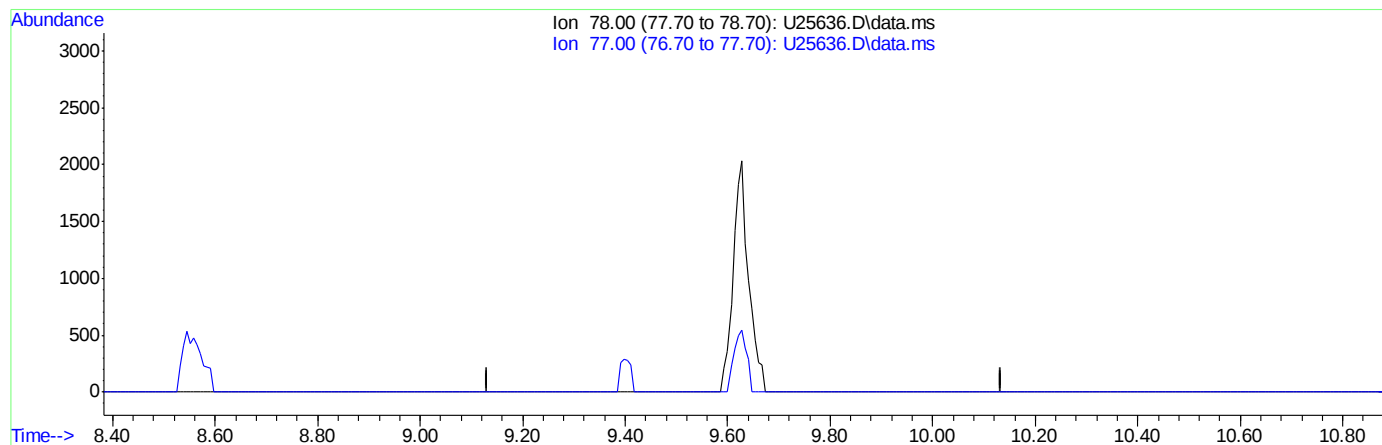
Quant Time: Jan 16 08:59:05 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25636.D
Acq On : 15 Jan 2015 5:22 pm
Operator : GaryK
Sample : ic1085-0.5
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 16 08:57:00 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(47) benzene (P)

9.623min (-9.623) 0.00ppb

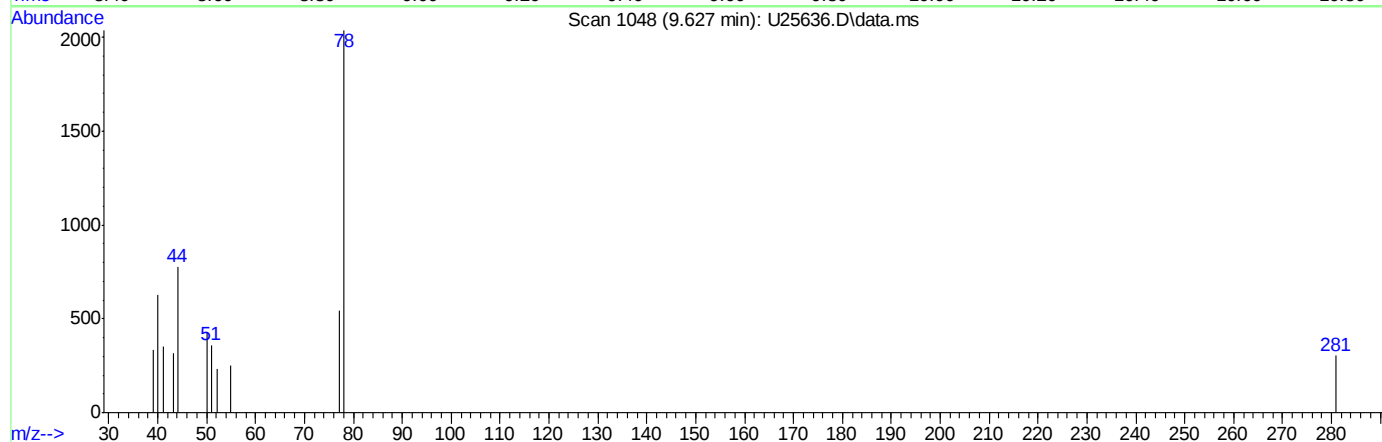
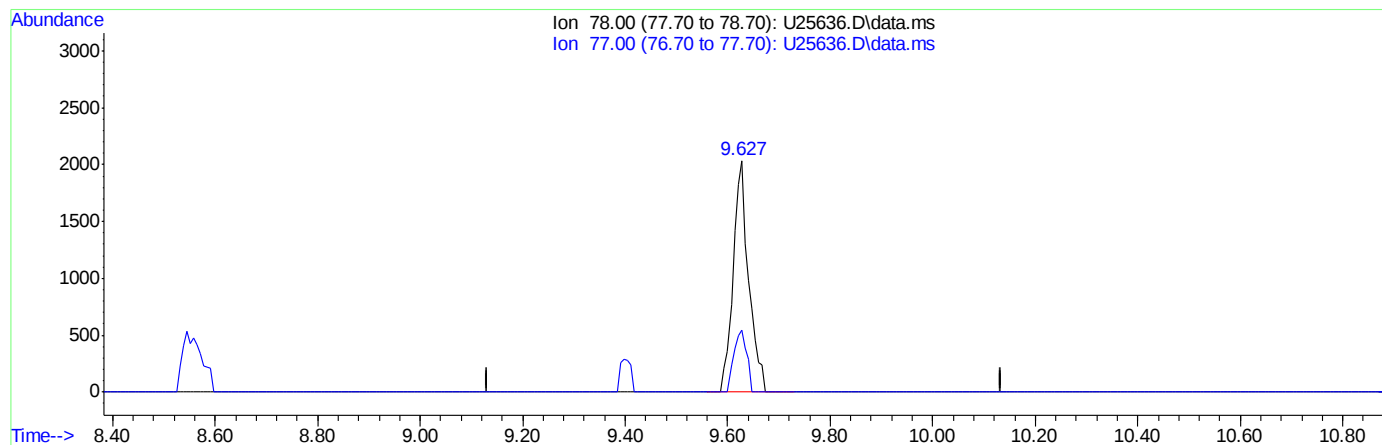
response 0

Ion	Exp%	Act%
78.00	100	0.00
77.00	23.90	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25636.D
Acq On : 15 Jan 2015 5:22 pm
Operator : GaryK
Sample : ic1085-0.5
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 16 08:57:00 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25636.D\data.ms

(47) benzene (P)

9.627min (+0.004) 0.45ppb m

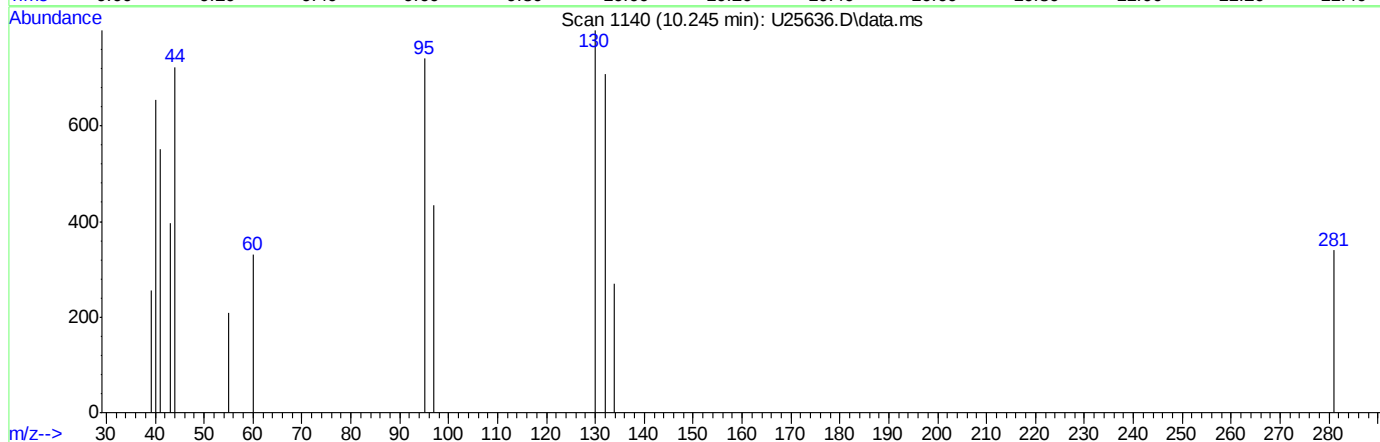
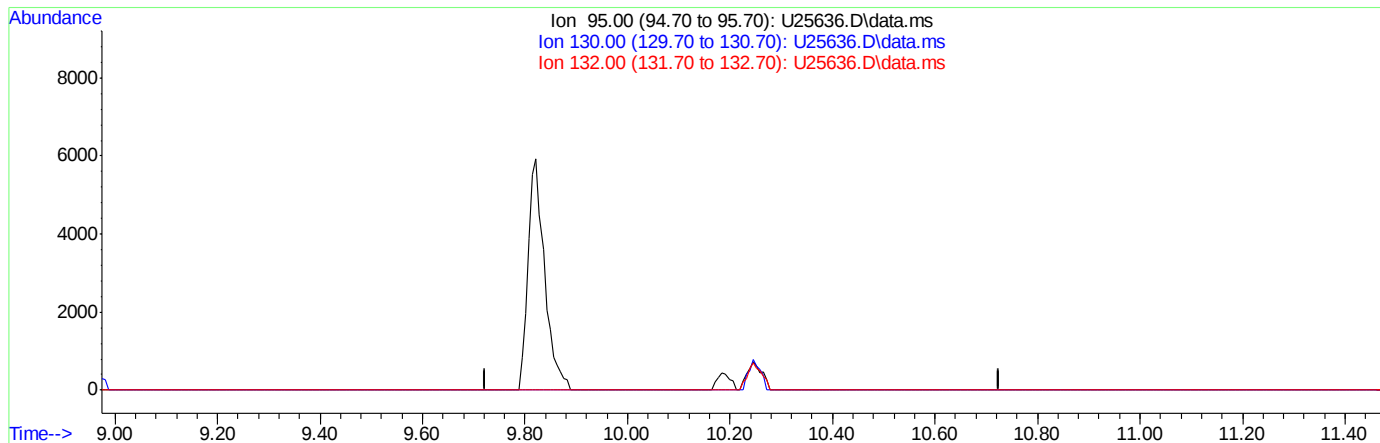
response 4268

Ion	Exp%	Act%
78.00	100	100
77.00	23.90	26.72
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25636.D
Acq On : 15 Jan 2015 5:22 pm
Operator : GaryK
Sample : ic1085-0.5
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 16 08:57:00 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25636.D\data.ms

(51) trichloroethene (P)

10.245min (-10.245) 0.00ppb

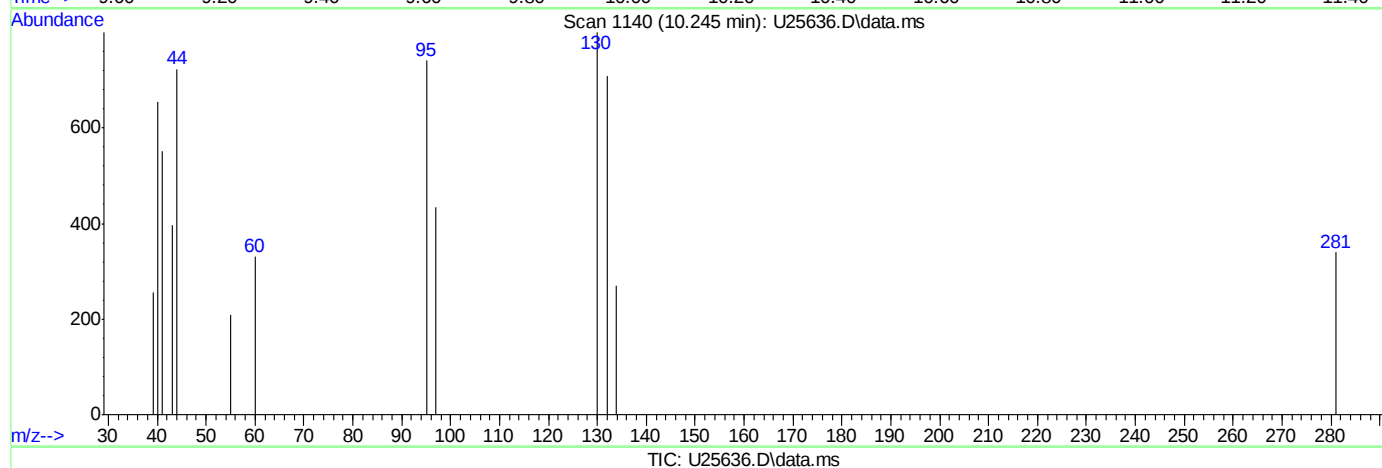
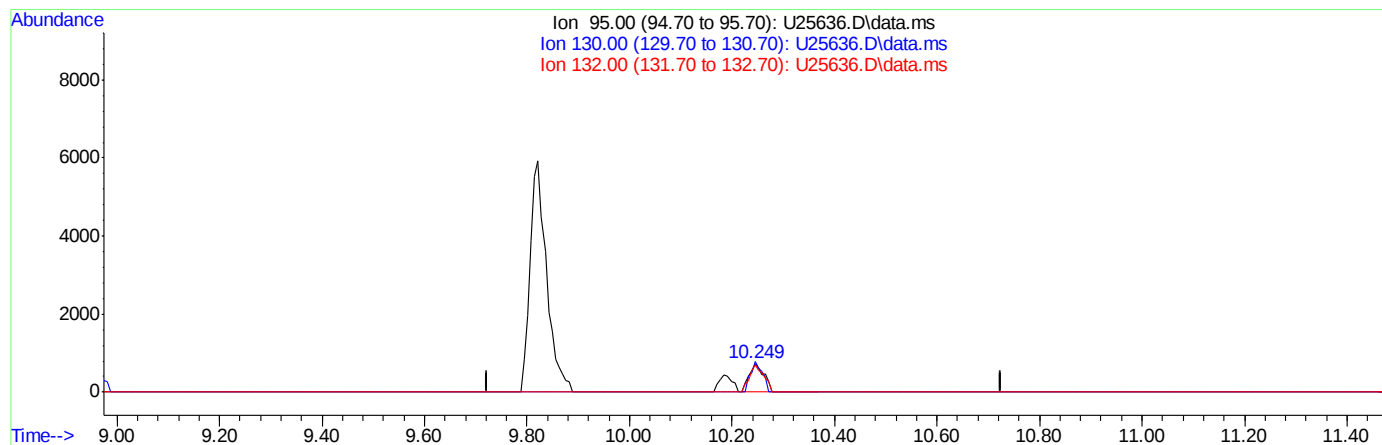
response 0

Ion	Exp%	Act%
95.00	100	0.00
130.00	88.80	0.00#
132.00	92.50	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25636.D
Acq On : 15 Jan 2015 5:22 pm
Operator : GaryK
Sample : ic1085-0.5
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 16 08:57:00 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(51) trichloroethene (P)

10.245min (+0.001) 0.48ppb m

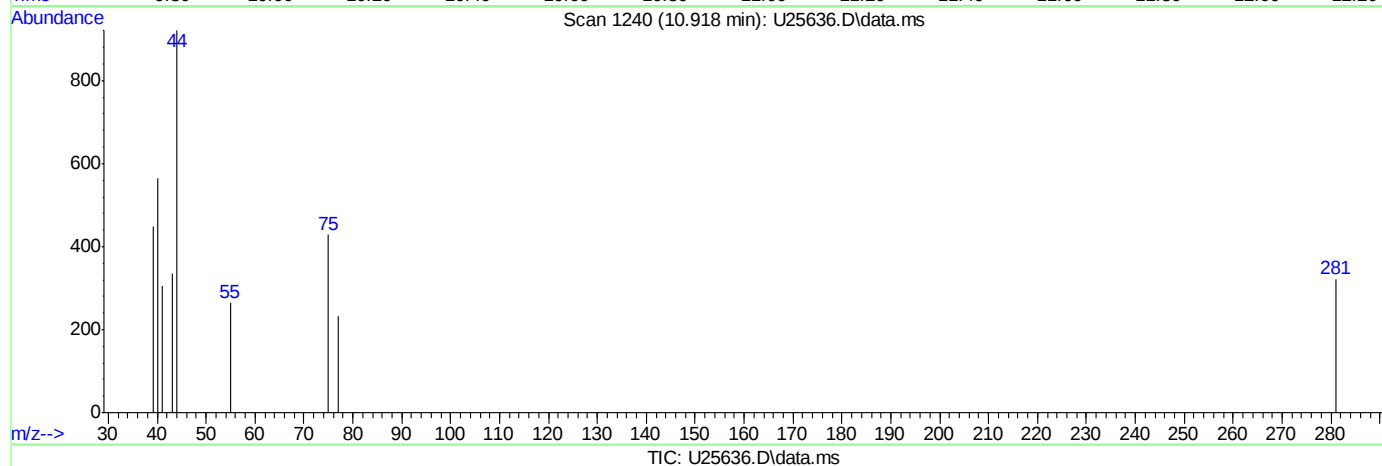
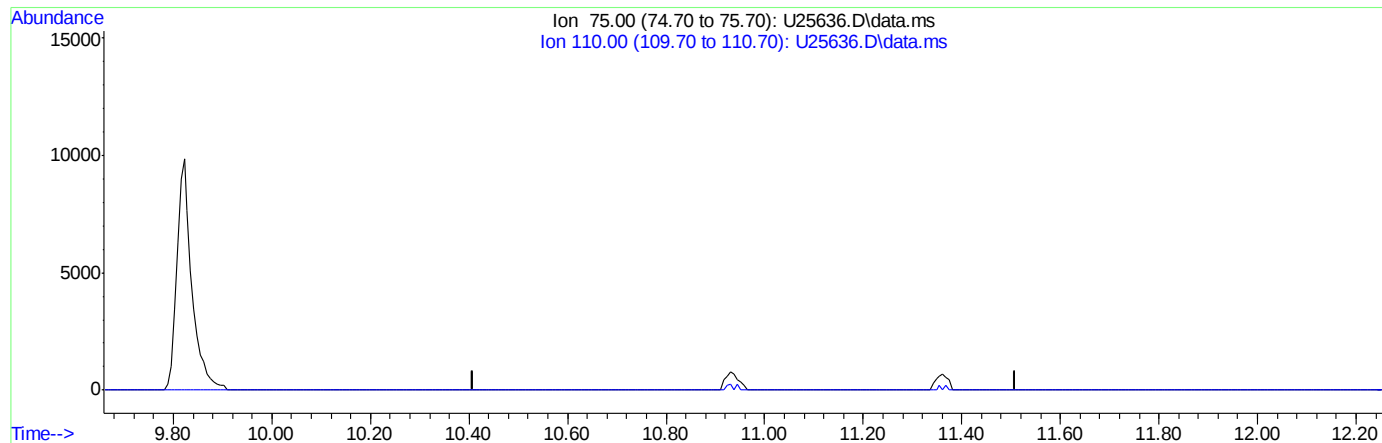
response 1506

Ion	Exp%	Act%
95.00	100	100
130.00	88.80	107.96
132.00	92.50	95.55
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25636.D
Acq On : 15 Jan 2015 5:22 pm
Operator : GaryK
Sample : ic1085-0.5
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 16 08:57:00 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(59) cis-1,3-dichloropropene (P)

10.919min (-10.919) 0.00ppb

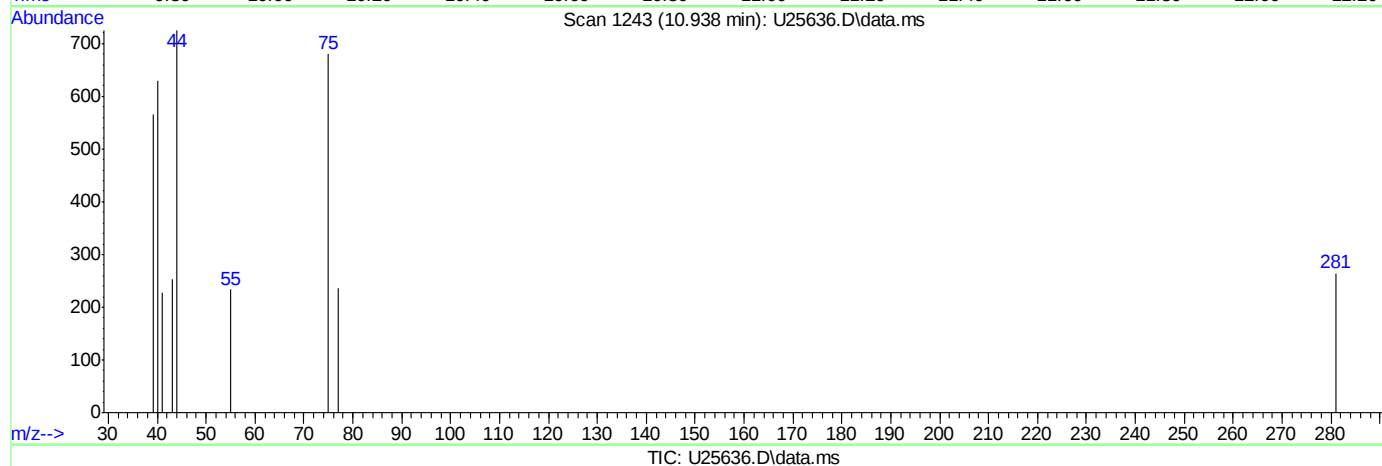
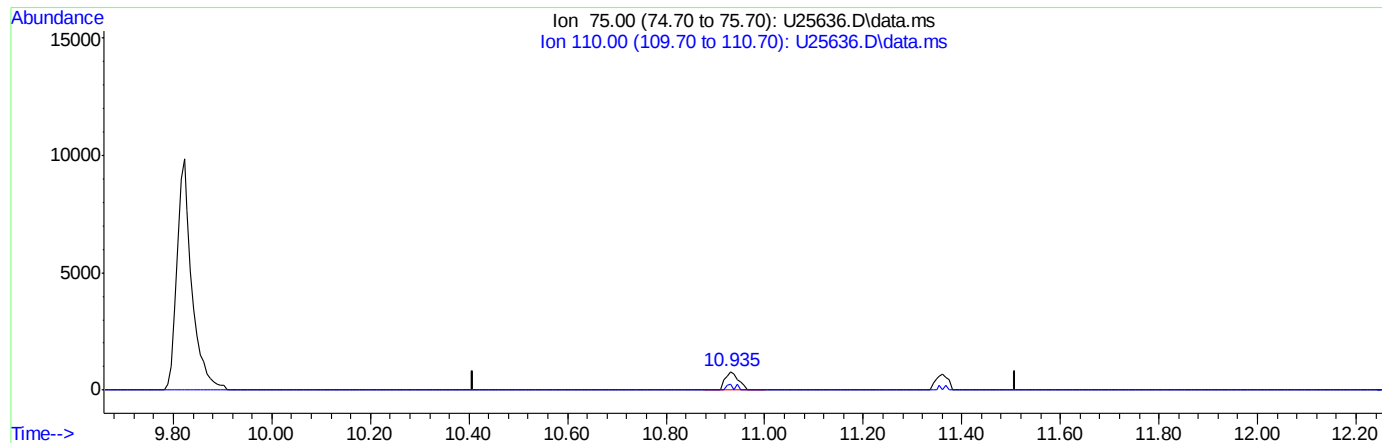
response 0

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

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25636.D
Acq On : 15 Jan 2015 5:22 pm
Operator : GaryK
Sample : ic1085-0.5
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 16 08:57:00 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(59) cis-1,3-dichloropropene (P)

10.938min (+0.019) 0.37ppb m

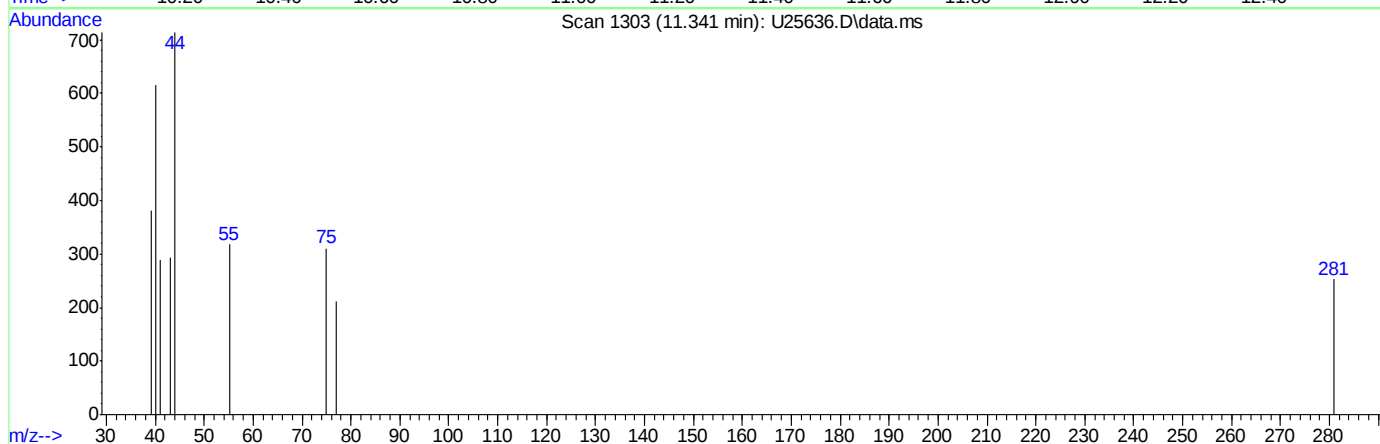
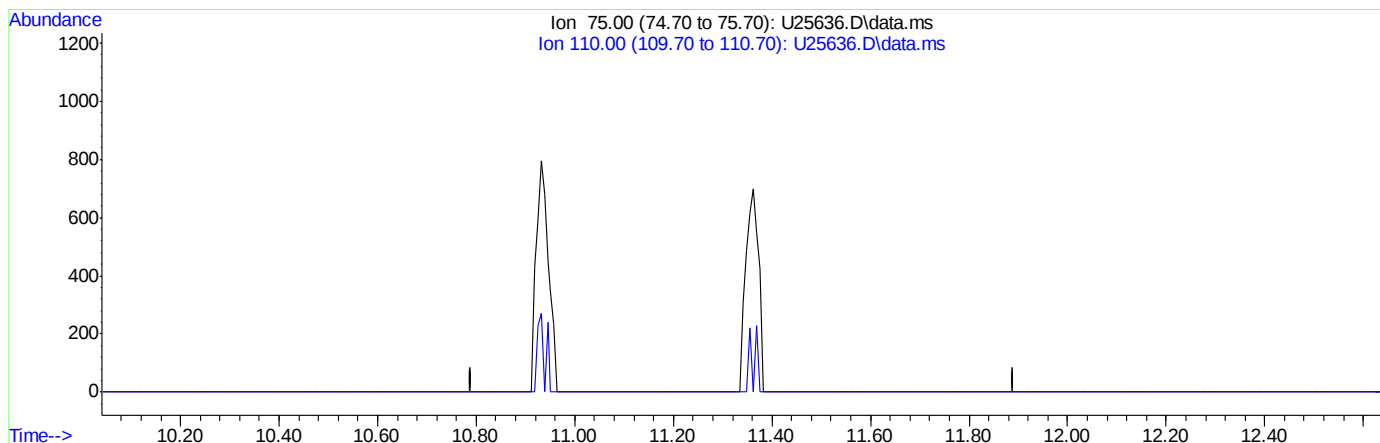
response 1424

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

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25636.D
Acq On : 15 Jan 2015 5:22 pm
Operator : GaryK
Sample : ic1085-0.5
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 16 08:57:00 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25636.D\data.ms

(63) trans-1,3-dichloropropene (P)

11.340min (-11.340) 0.00ppb

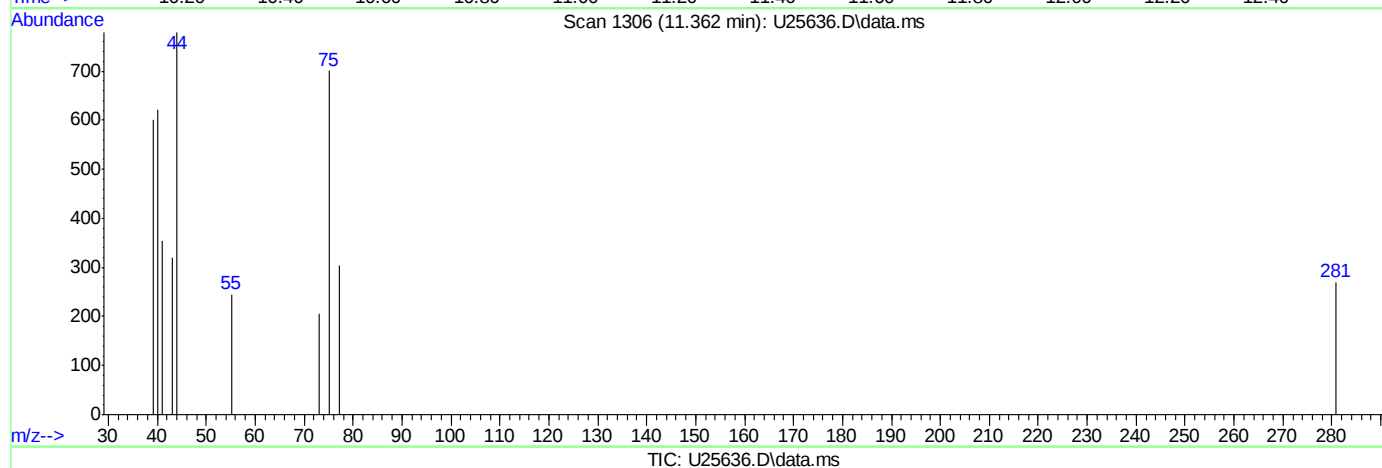
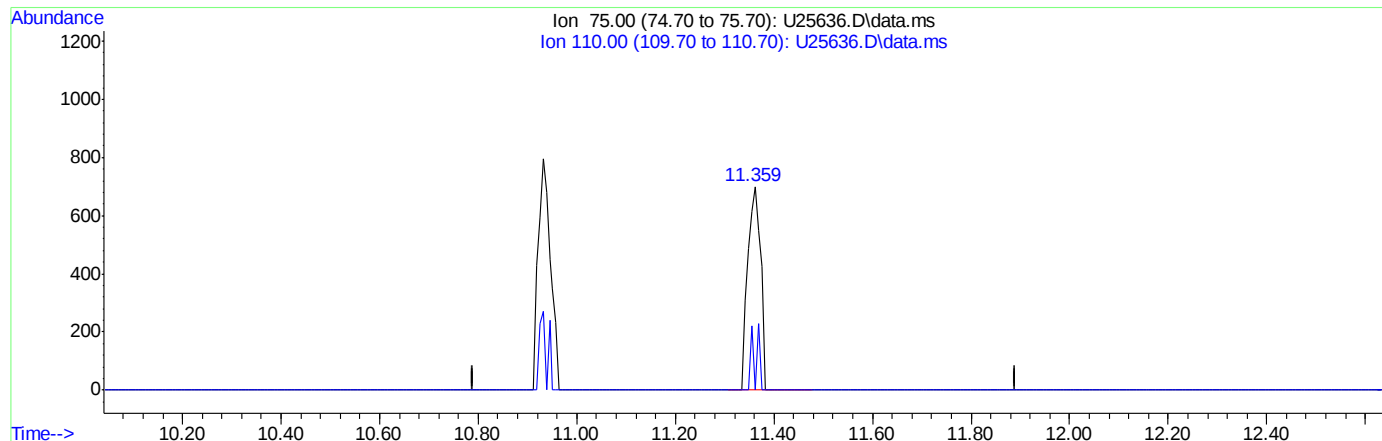
response 0

Ion	Exp%	Act%
75.00	100	0.00
110.00	26.20	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25636.D
Acq On : 15 Jan 2015 5:22 pm
Operator : GaryK
Sample : ic1085-0.5
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 16 08:57:00 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(63) trans-1,3-dichloropropene (P)

11.362min (+0.021) 0.39ppb m

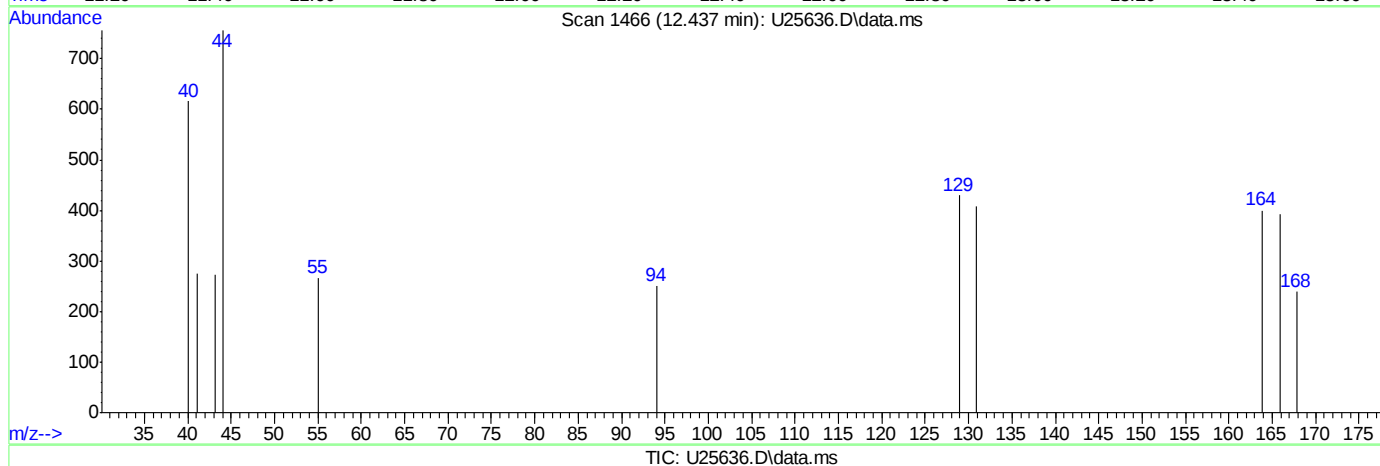
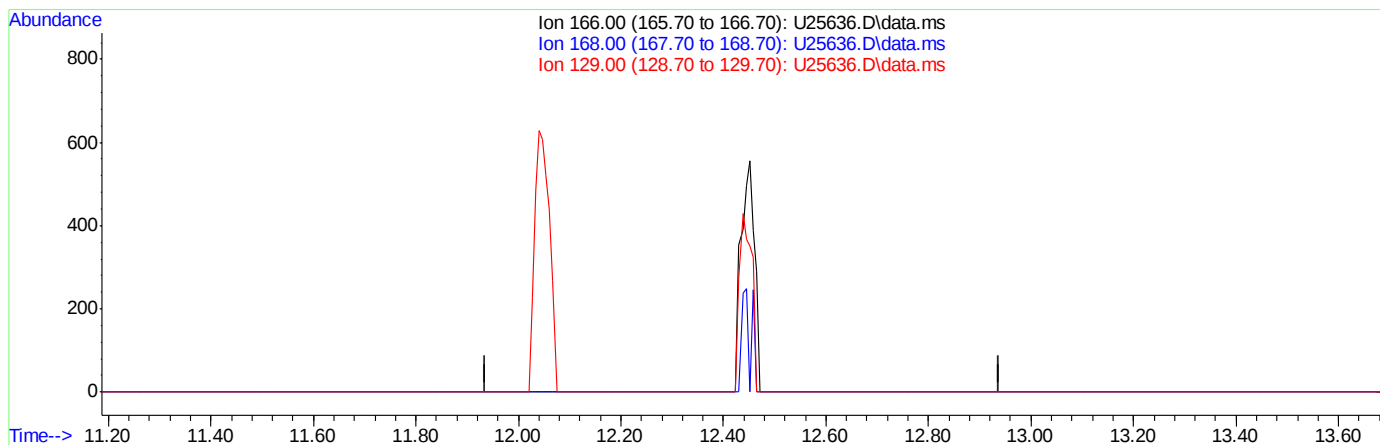
response 1245

Ion	Exp%	Act%
75.00	100	100
110.00	26.20	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25636.D
Acq On : 15 Jan 2015 5:22 pm
Operator : GaryK
Sample : ic1085-0.5
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 16 08:57:00 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(67) tetrachloroethene (P)

12.437min (-12.437) 0.00ppb

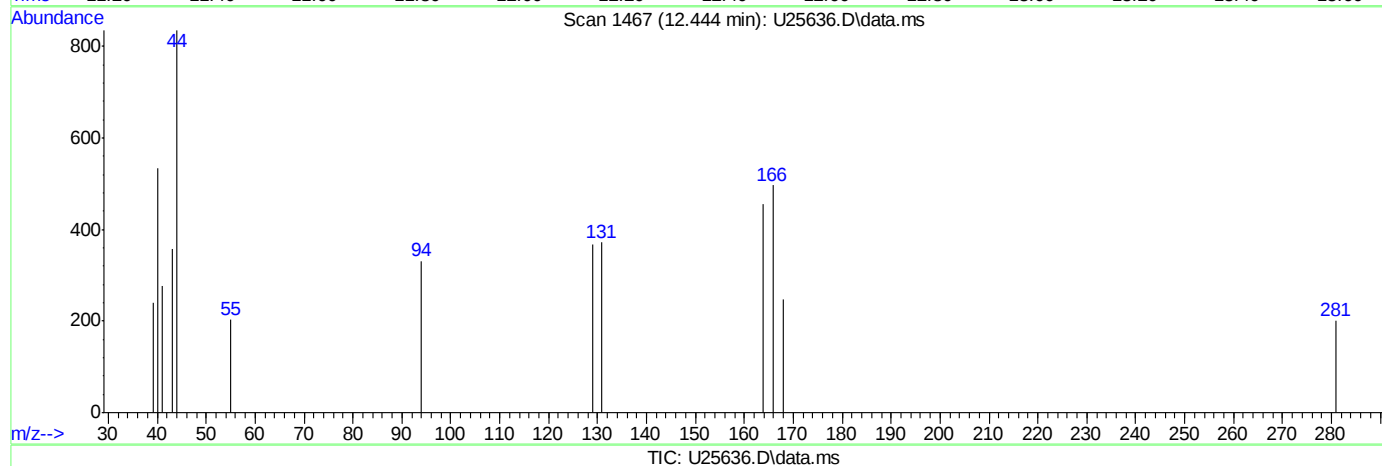
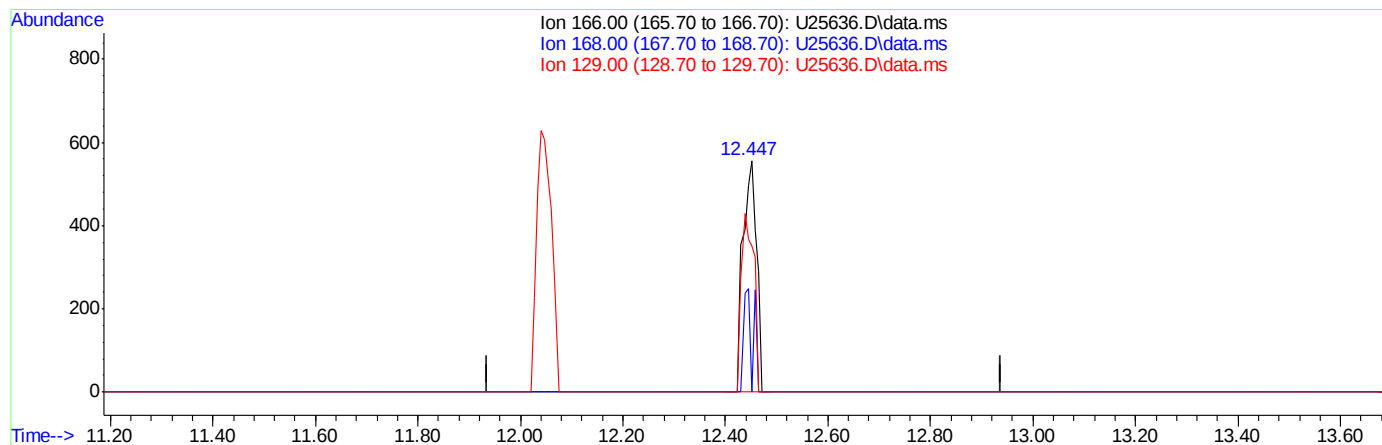
response 0

Ion	Exp%	Act%
166.00	100	0.00
168.00	49.20	0.00#
129.00	73.80	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25636.D
Acq On : 15 Jan 2015 5:22 pm
Operator : GaryK
Sample : ic1085-0.5
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 16 08:57:00 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(67) tetrachloroethene (P)

12.444min (+0.007) 0.38ppb m

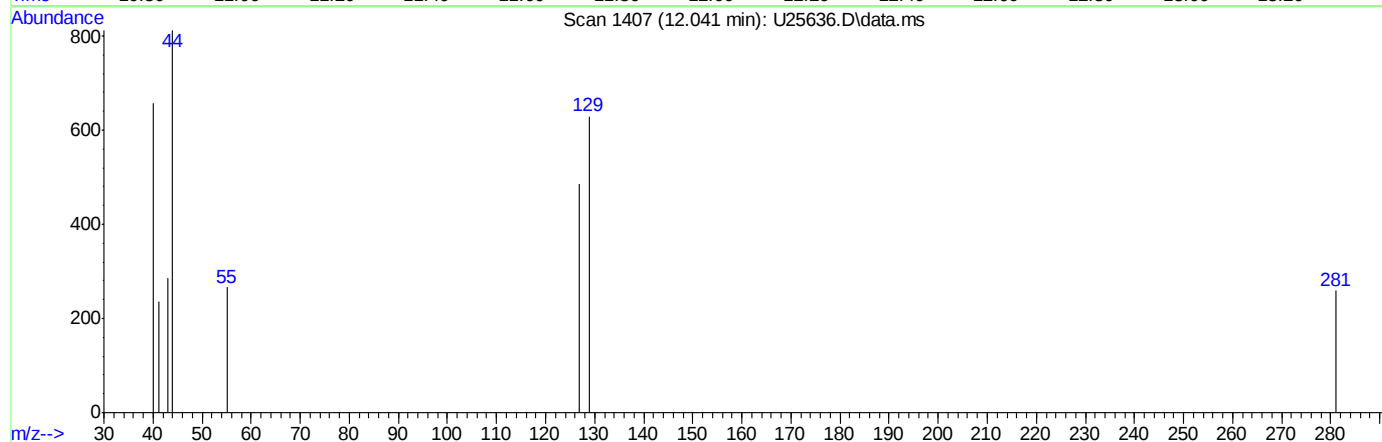
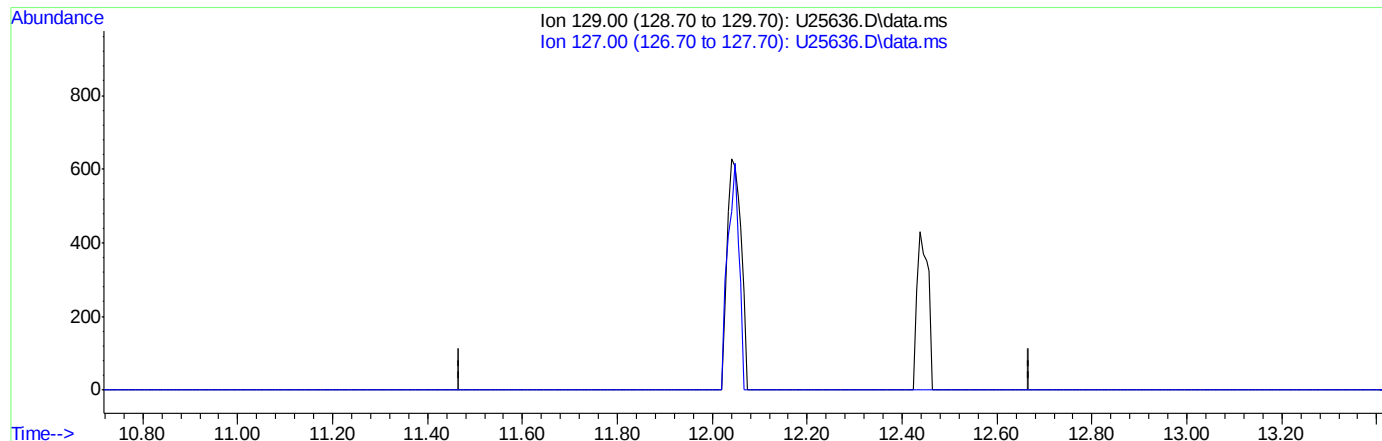
response 999

Ion	Exp%	Act%
166.00	100	100
168.00	49.20	50.00
129.00	73.80	74.19
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25636.D
Acq On : 15 Jan 2015 5:22 pm
Operator : GaryK
Sample : ic1085-0.5
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 16 08:57:00 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25636.D\data.ms

(69) dibromochloromethane (P)

12.038min (-12.038) 0.00ppb

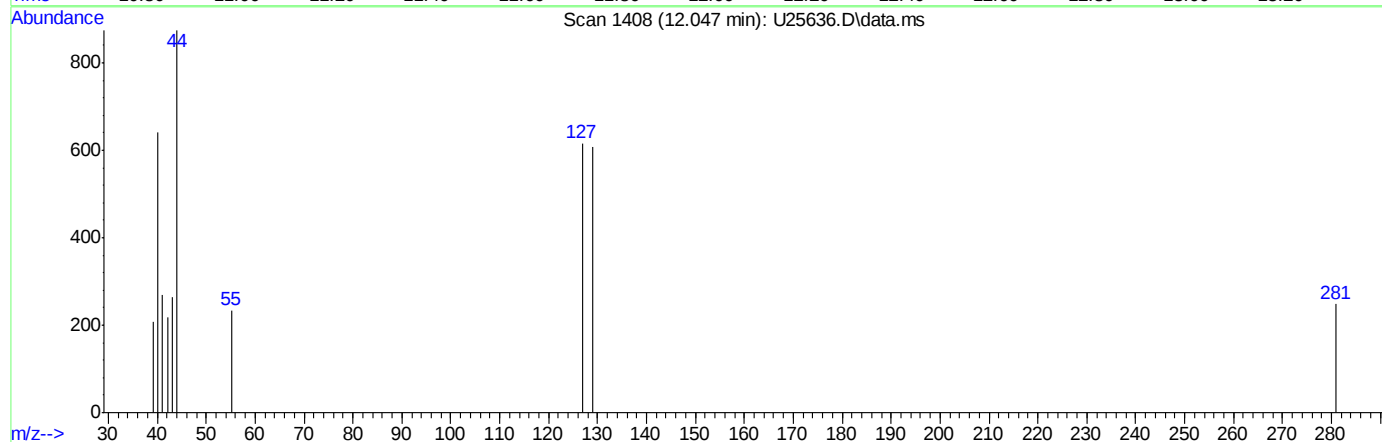
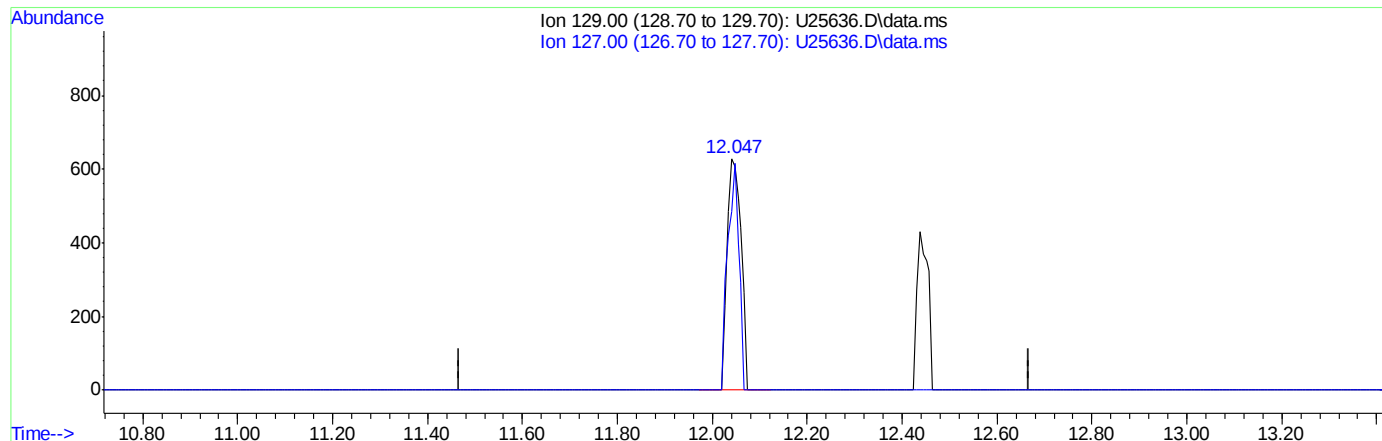
response 0

Ion	Exp%	Act%
129.00	100	0.00
127.00	79.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25636.D
Acq On : 15 Jan 2015 5:22 pm
Operator : GaryK
Sample : ic1085-0.5
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 16 08:57:00 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25636.D\data.ms

(69) dibromochloromethane (P)

12.047min (+0.009) 0.43ppb m

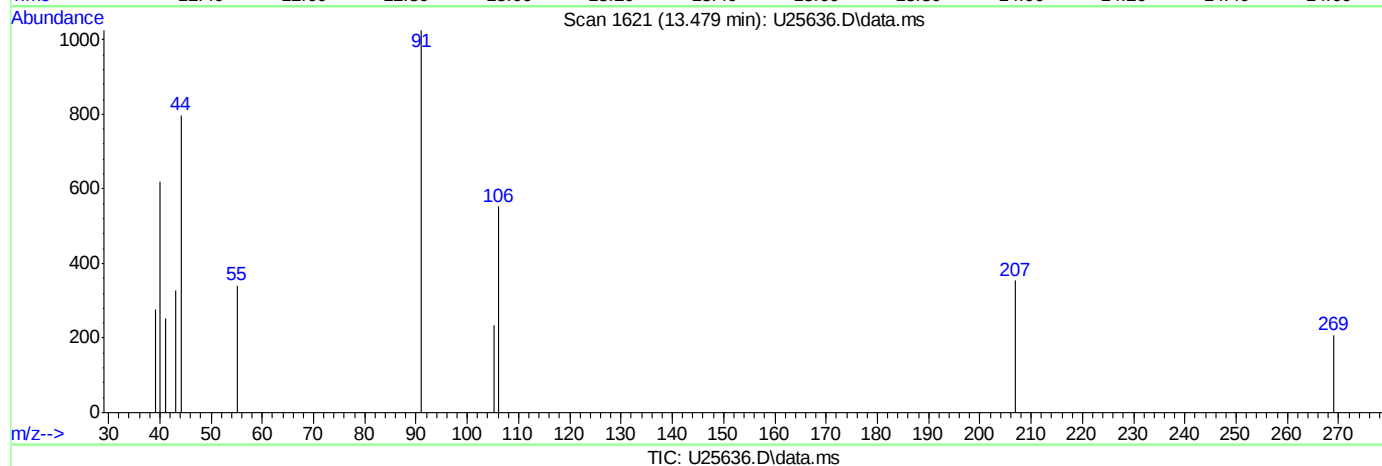
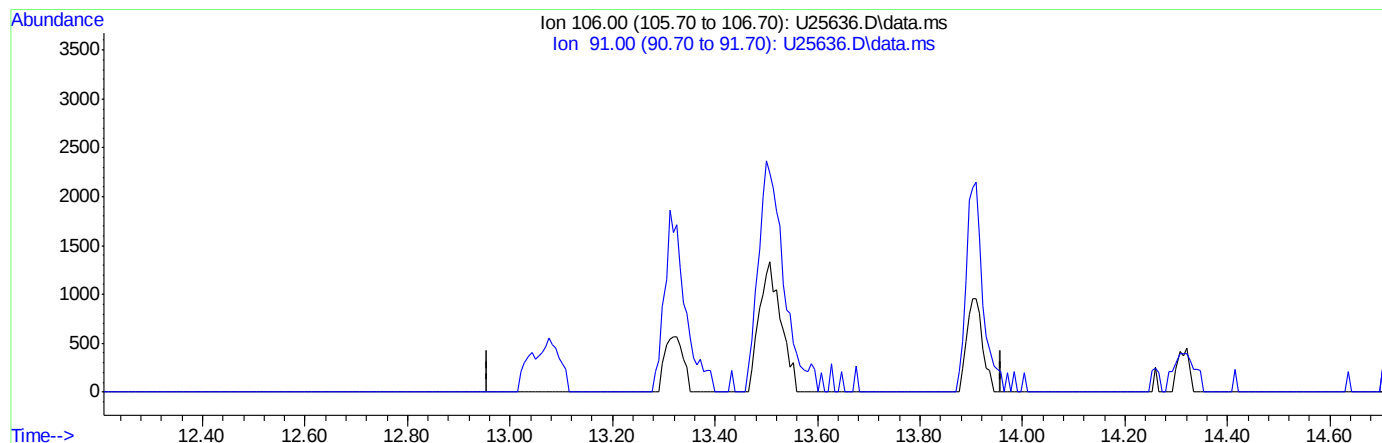
response 1282

Ion	Exp%	Act%
129.00	100	100
127.00	79.70	101.32
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25636.D
Acq On : 15 Jan 2015 5:22 pm
Operator : GaryK
Sample : ic1085-0.5
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 16 08:57:00 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(75) m,p-xylene (P)

13.478min (-13.478) 0.00ppb

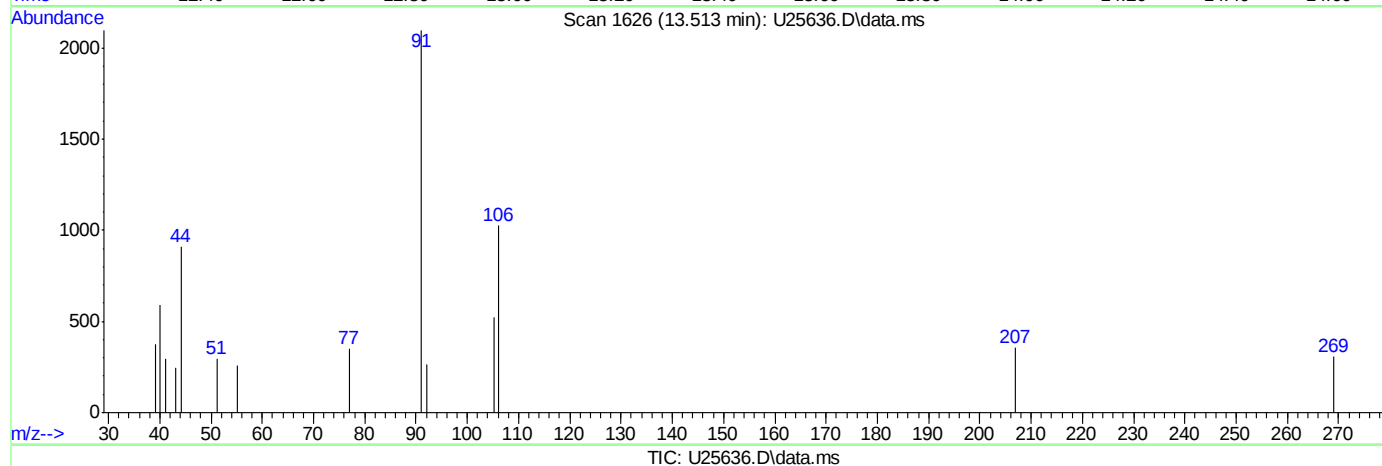
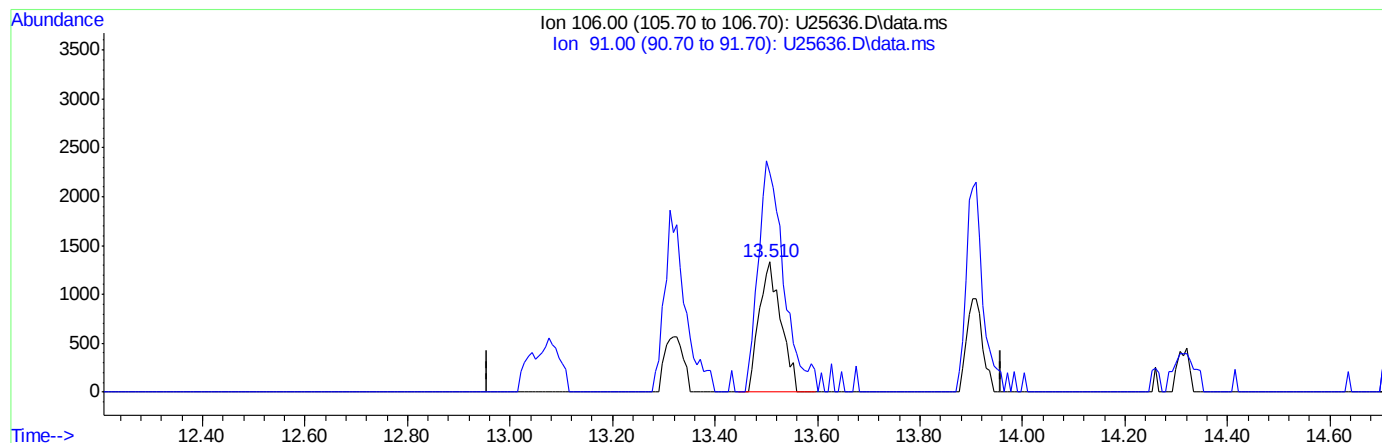
response 0

Ion	Exp%	Act%
106.00	100	0.00
91.00	210.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25636.D
Acq On : 15 Jan 2015 5:22 pm
Operator : GaryK
Sample : ic1085-0.5
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 16 08:57:00 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(75) m,p-xylene (P)

13.513min (+0.035) 0.99ppb m

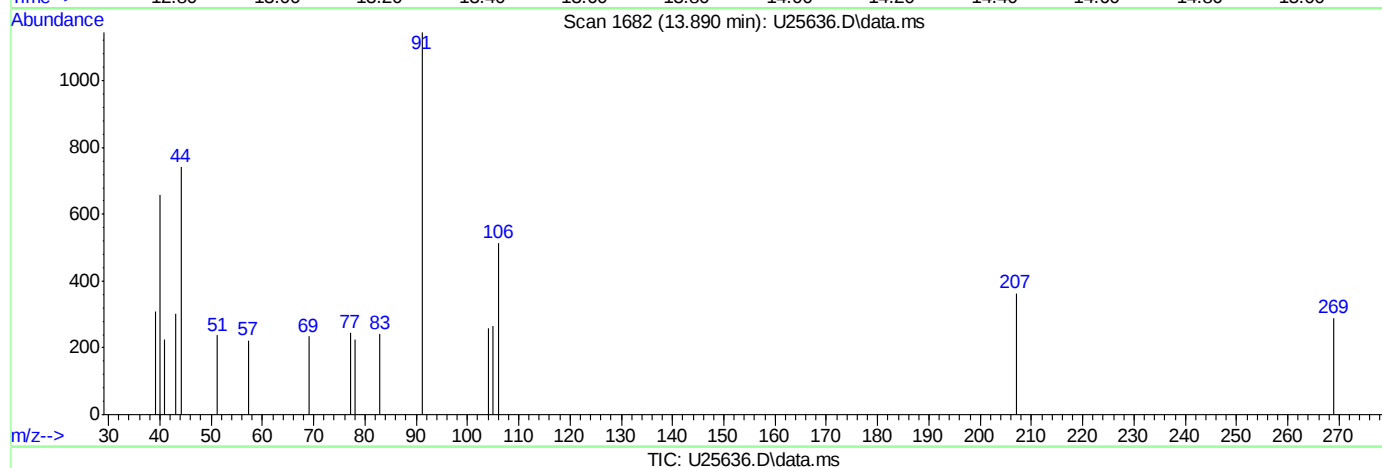
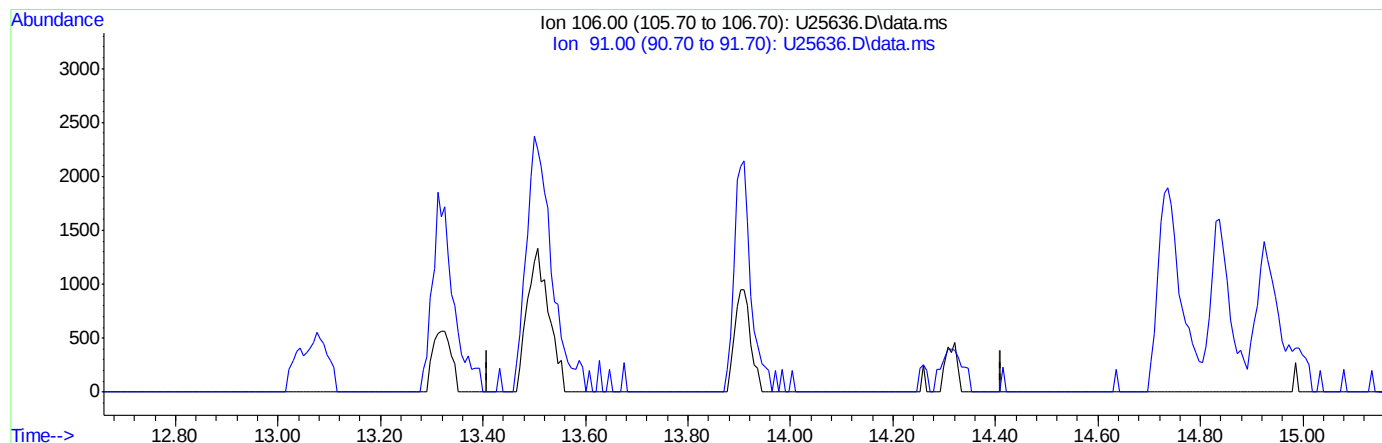
response 3917

Ion	Exp%	Act%
106.00	100	100
91.00	210.70	204.29
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25636.D
Acq On : 15 Jan 2015 5:22 pm
Operator : GaryK
Sample : ic1085-0.5
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 16 08:57:00 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(76) o-xylene (P)

13.890min (-13.890) 0.00ppb

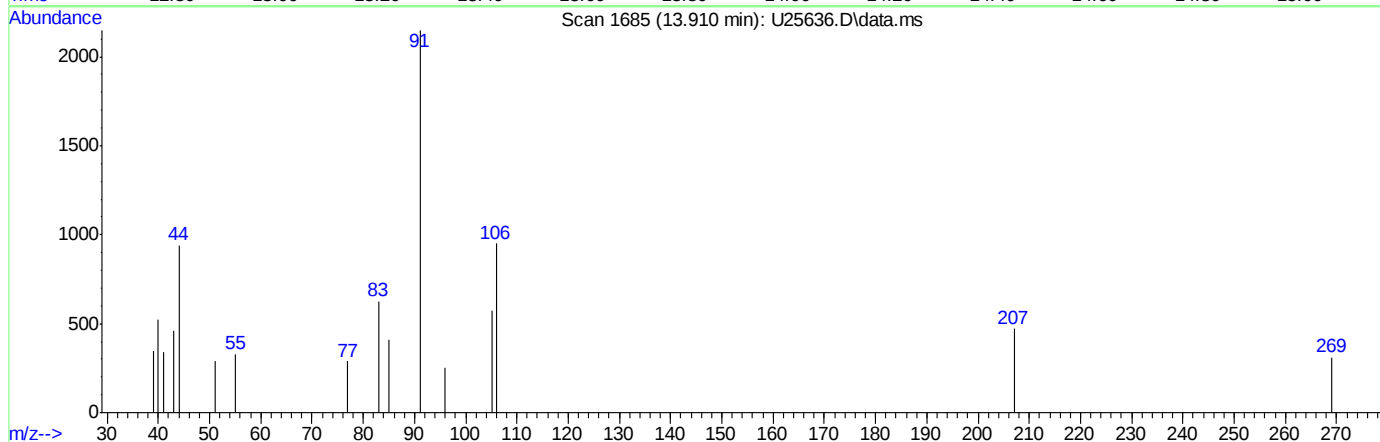
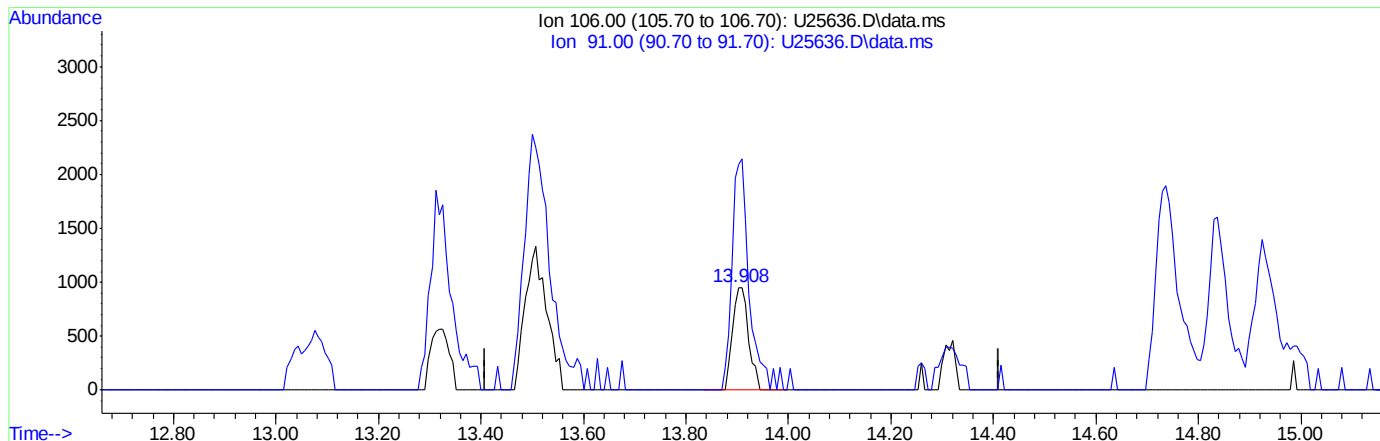
response 0

Ion	Exp%	Act%
106.00	100	0.00
91.00	218.50	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25636.D
Acq On : 15 Jan 2015 5:22 pm
Operator : GaryK
Sample : ic1085-0.5
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 16 08:57:00 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25636.D\data.ms

(76) o-xylene (P)

13.910min (+0.019) 0.48ppb m

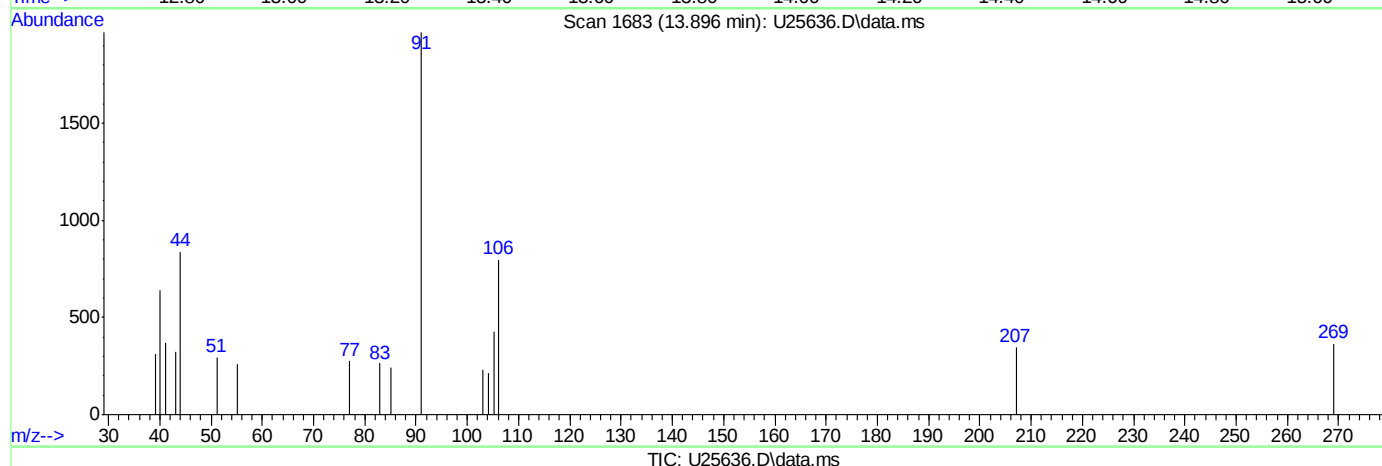
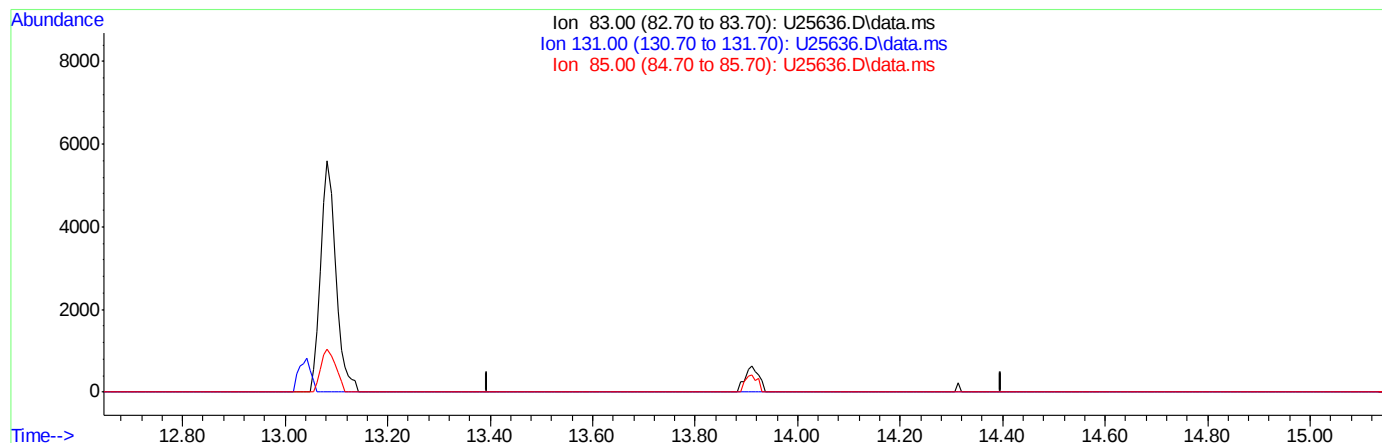
response 2089

Ion	Exp%	Act%
106.00	100	100
91.00	218.50	225.87
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25636.D
Acq On : 15 Jan 2015 5:22 pm
Operator : GaryK
Sample : ic1085-0.5
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 16 08:57:00 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(84) 1,1,2,2-tetrachloroethane (P)

13.897min (-13.897) 0.00ppb

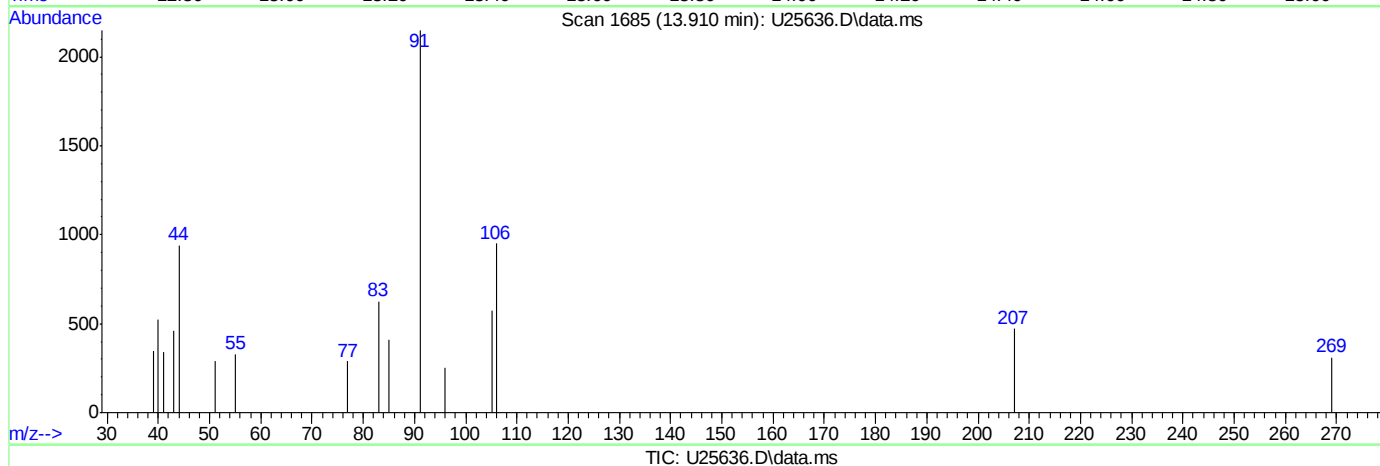
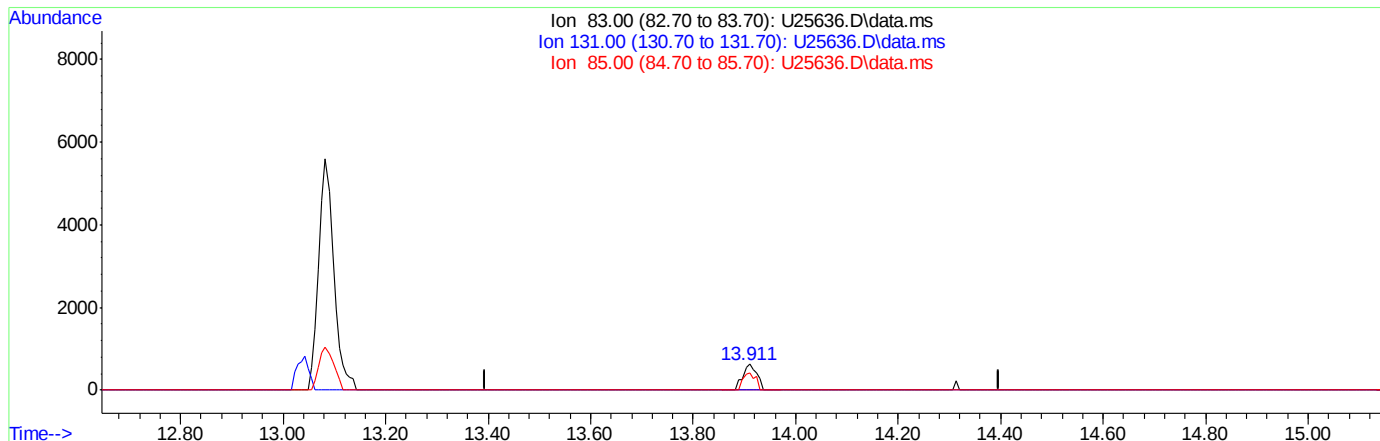
response 0

Ion	Exp%	Act%
83.00	100	0.00
131.00	10.80	0.00
85.00	64.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25636.D
Acq On : 15 Jan 2015 5:22 pm
Operator : GaryK
Sample : ic1085-0.5
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 16 08:57:00 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(84) 1,1,2,2-tetrachloroethane (P)

13.910min (+0.013) 0.39ppb m

response 1161

Ion	Exp%	Act%
83.00	100	100
131.00	10.80	0.00
85.00	64.60	65.22
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150115\
 Data File : U25637.D
 Acq On : 15 Jan 2015 5:49 pm
 Operator : GaryK
 Sample : ic1085-1
 Misc : ms33699,msu1085,,,,,5,1
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 13:41:15 2015
 Quant Method : D:\msdchem\1\methods\U150115w.m
 Quant Title : SW-846 Method 8260
 QLast Update : Fri Jan 16 08:55:23 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	6.733	65	113270	500.00	ppb	0.05
4) pentafluorobenzene	8.961	168	317959	50.00	ppb	0.00
43) 1,4-difluorobenzene	9.829	114	459584	50.00	ppb	0.00
66) chlorobenzene-d5	13.087	82	164461	50.00	ppb	# 0.00
80) 1,4-dichlorobenzene-d4	15.650	152	236532	50.00	ppb	0.00

System Monitoring Compounds						
40) dibromofluoromethane (s)	8.600	113	177014	50.95	ppb	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.90%
60) toluene-d8 (s)	11.627	98	439213	47.54	ppb	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.08%
82) bromofluorobenzene (s)	14.316	95	161718	46.24	ppb	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.48%

Target Compounds					Qvalue	
6) chloromethane	4.531	50	4573m	0.91	ppb	
7) vinyl chloride	4.786	62	3563m	0.82	ppb	
8) bromomethane	5.250	96	3793m	1.32	ppb	
9) chloroethane	5.391	64	1131m	0.69	ppb	
12) trichlorofluoromethane	6.070	101	4215m	0.66	ppb	
15) 1,1-dichloroethene	6.628	96	3575m	1.17	ppb	
18) methylene chloride	6.763	84	2897m	0.96	ppb	
19) methyl tert butyl ether	7.551	73	7293	0.98	ppb	94
22) trans-1,2-dichloroethene	7.455	96	3376m	1.18	ppb	
33) 1,1-dichloroethane	7.697	63	3936m	0.86	ppb	
37) cis-1,2-dichloroethene	8.276	96	3695m	1.17	ppb	
38) bromochloromethane	8.437	128	1679m	0.84	ppb	
39) chloroform	8.477	83	4589m	0.92	ppb	
42) 1,1,1-trichloroethane	9.224	97	4499m	0.91	ppb	
45) carbon tetrachloride	9.587	117	4347m	0.93	ppb	
47) benzene	9.628	78	8650	0.95	ppb	98
48) 1,2-dichloroethane	9.129	62	3152m	0.87	ppb	
51) trichloroethene	10.246	95	2891m	0.97	ppb	
52) 1,2-dichloropropane	10.219	63	1976m	0.87	ppb	
53) dibromomethane	10.192	93	1453m	0.78	ppb	
54) bromodichloromethane	10.306	83	3440m	0.91	ppb	
59) cis-1,3-dichloropropene	10.931	75	2922m	0.80	ppb	
62) toluene	11.698	92	4792m	0.86	ppb	
63) trans-1,3-dichloropropene	11.355	75	2390m	0.78	ppb	
64) 1,1,2-trichloroethane	11.516	83	1329m	0.79	ppb	
67) tetrachloroethene	12.444	166	2430m	0.95	ppb	
69) dibromochloromethane	12.048	129	2563m	0.87	ppb	
70) 1,2-dibromoethane	12.310	107	1731m	0.81	ppb	
72) chlorobenzene	13.121	112	6049	0.98	ppb	85
74) ethylbenzene	13.319	91	9597	1.03	ppb	80
75) m,p-xylene	13.504	106	7258	1.86	ppb	88
76) o-xylene	13.903	106	3995m	0.93	ppb	
77) styrene	13.849	104	5776m	0.96	ppb	
78) bromoform	13.654	173	1504m	0.83	ppb	

Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 13:41:15 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
84)	1,1,2,2-tetrachloroethane	13.910	83	2735m	0.91	ppb	
89)	1,3,5-trimethylbenzene	14.992	105	9573	0.79	ppb	94
91)	1,2,4-trimethylbenzene	15.392	105	10442	0.83	ppb	99
93)	1,3-dichlorobenzene	15.614	146	6294	0.90	ppb	97
95)	1,4-dichlorobenzene	15.677	146	6787	0.94	ppb	98
96)	1,2-dichlorobenzene	16.060	146	6509	0.83	ppb	94
98)	1,2-dibromo-3-chloropr...	16.546	75	689m	0.84	ppb	
100)	1,2,4-trichlorobenzene	17.890	180	6957m	0.95	ppb	

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

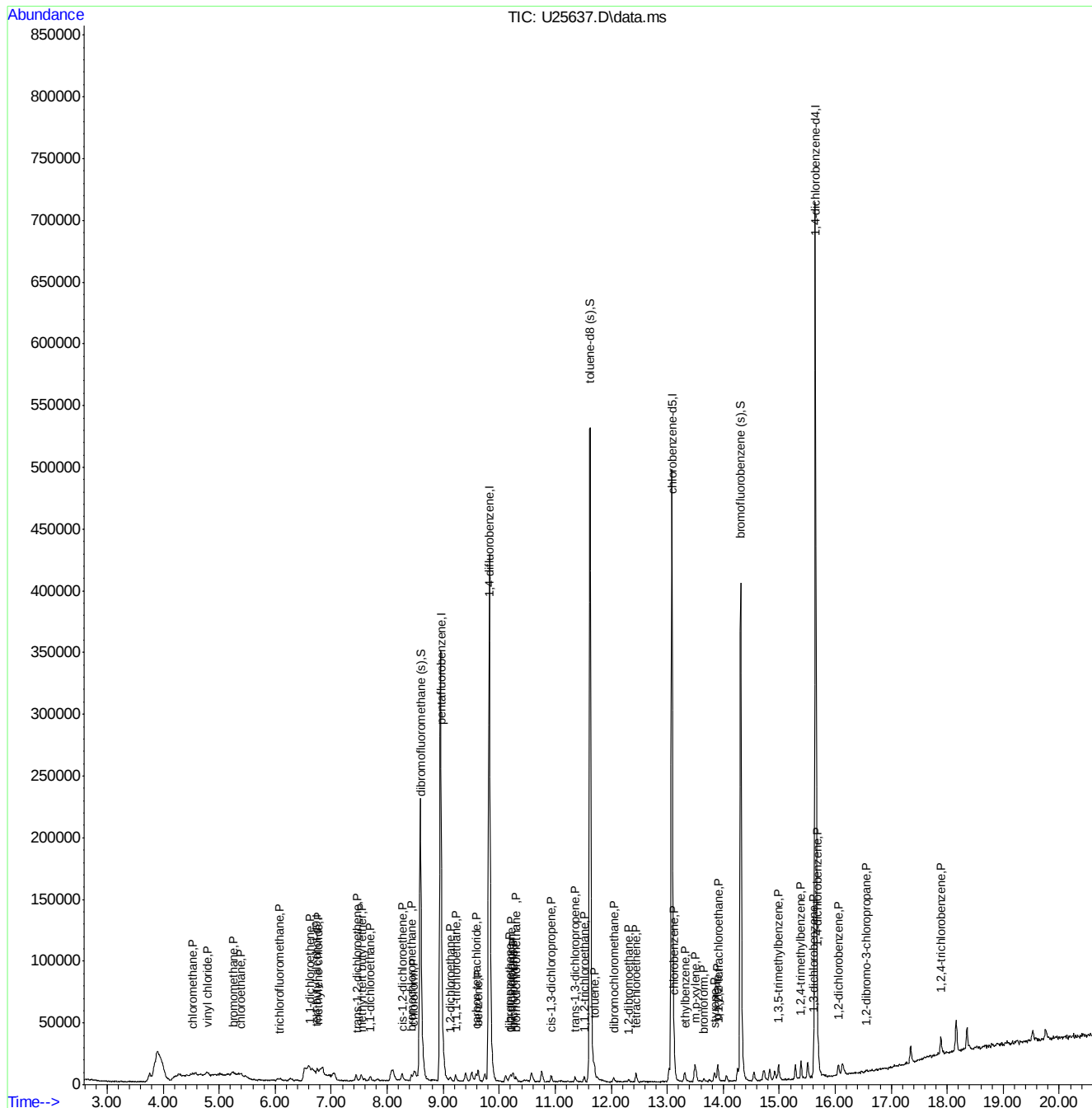
7.6.14

7

Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 13:41:15 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



U150115w.m Fri Jan 16 13:41:32 2015

Page: 3

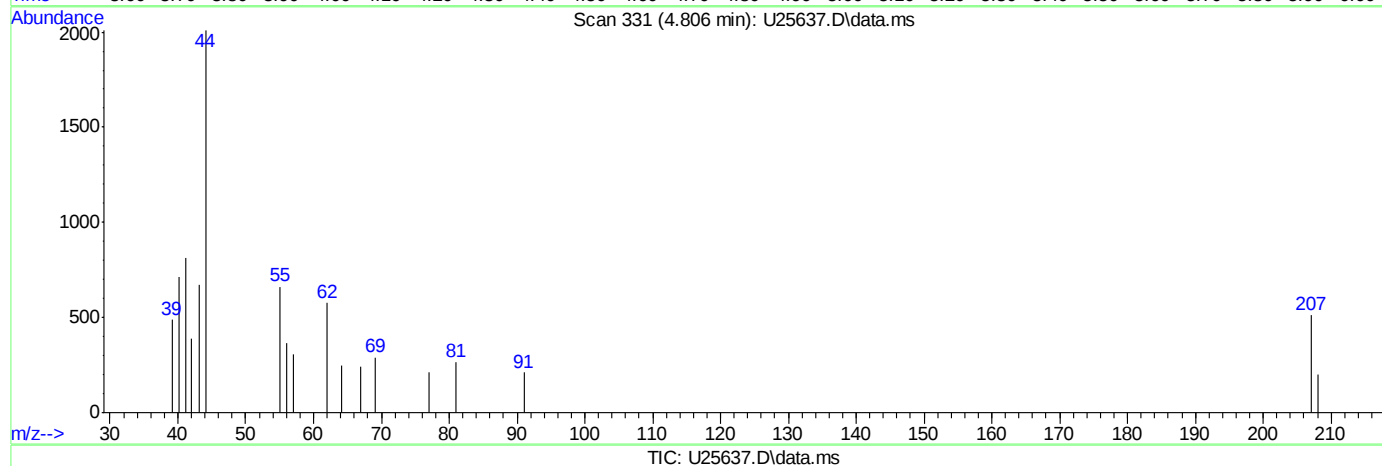
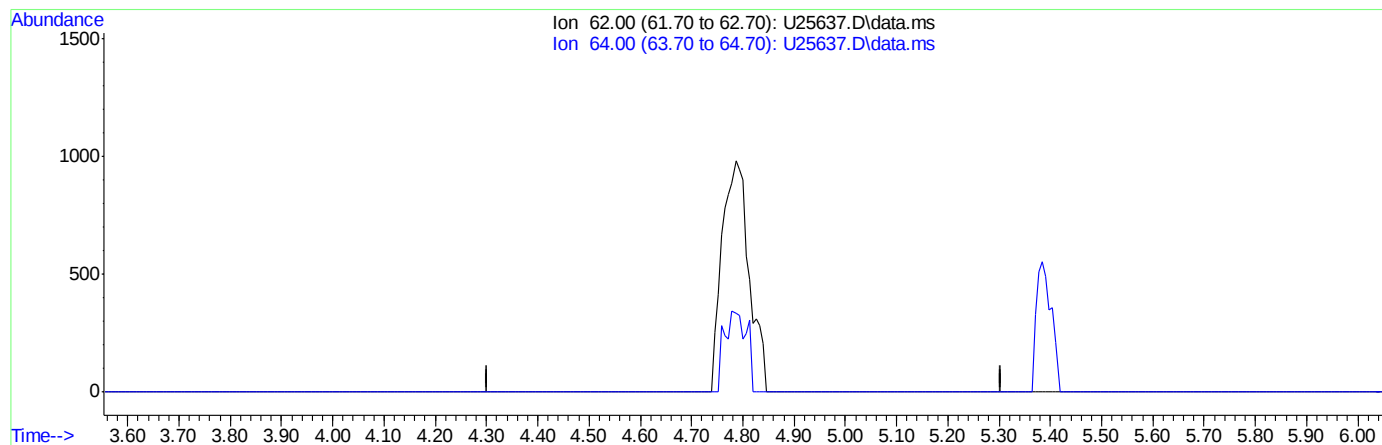
7.6.14



Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:00:37 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(7) vinyl chloride (P)

4.803min (-4.803) 0.00ppb

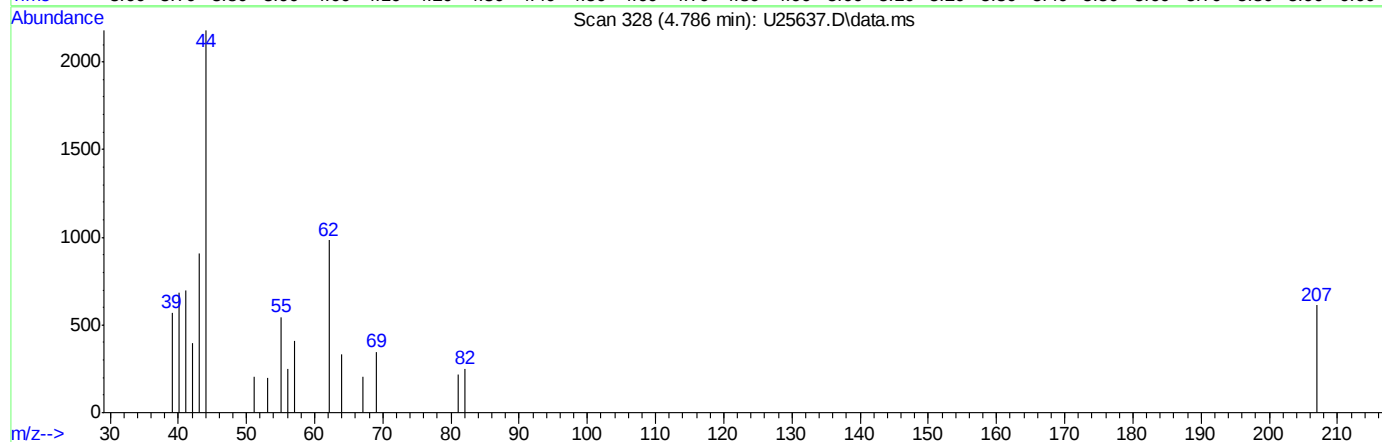
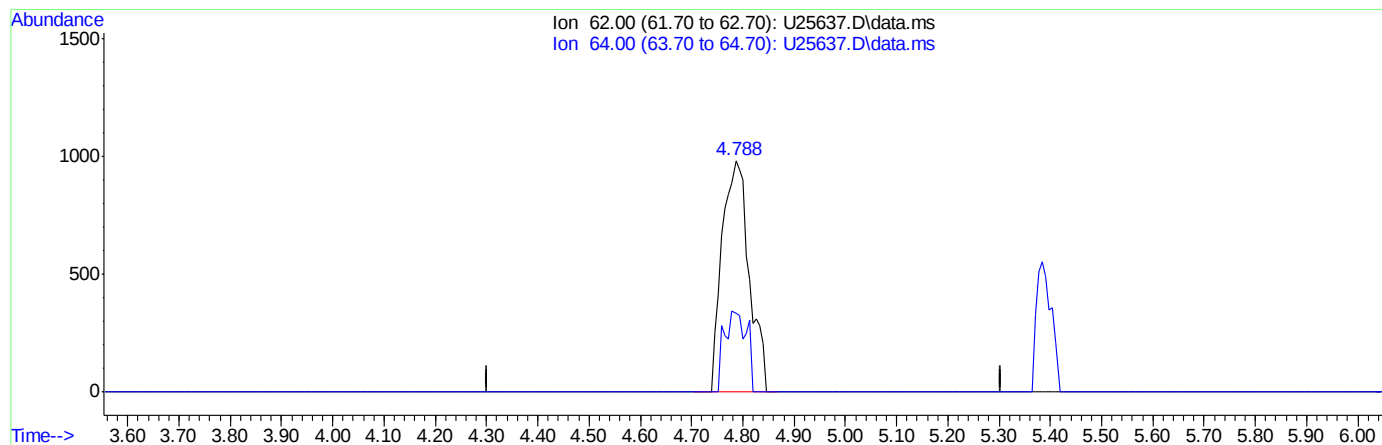
response 0

Ion	Exp%	Act%
62.00	100	0.00
64.00	31.80	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:00:37 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25637.D\data.ms

(7) vinyl chloride (P)

4.786min (-0.017) 0.82ppb m

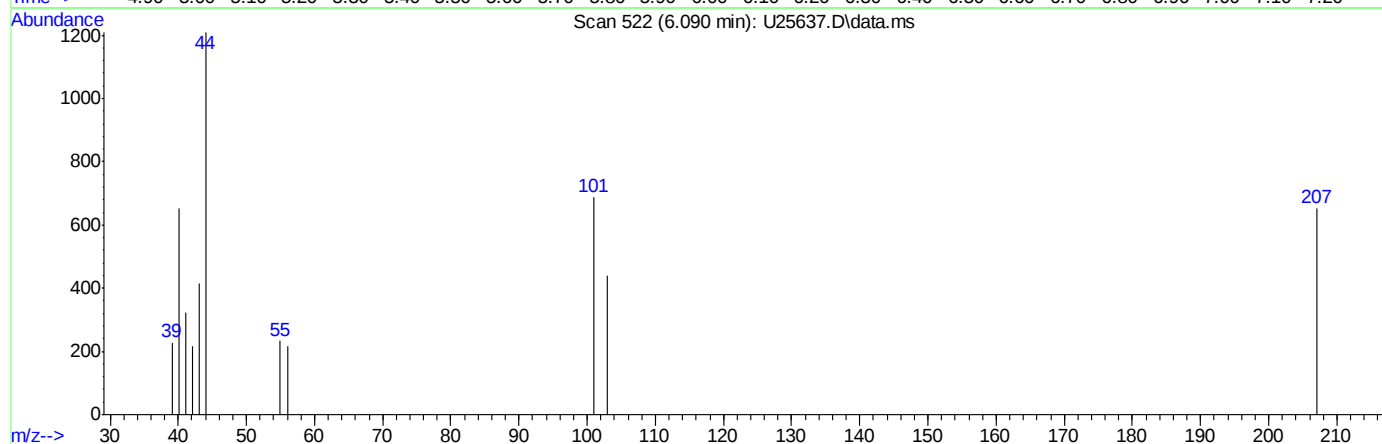
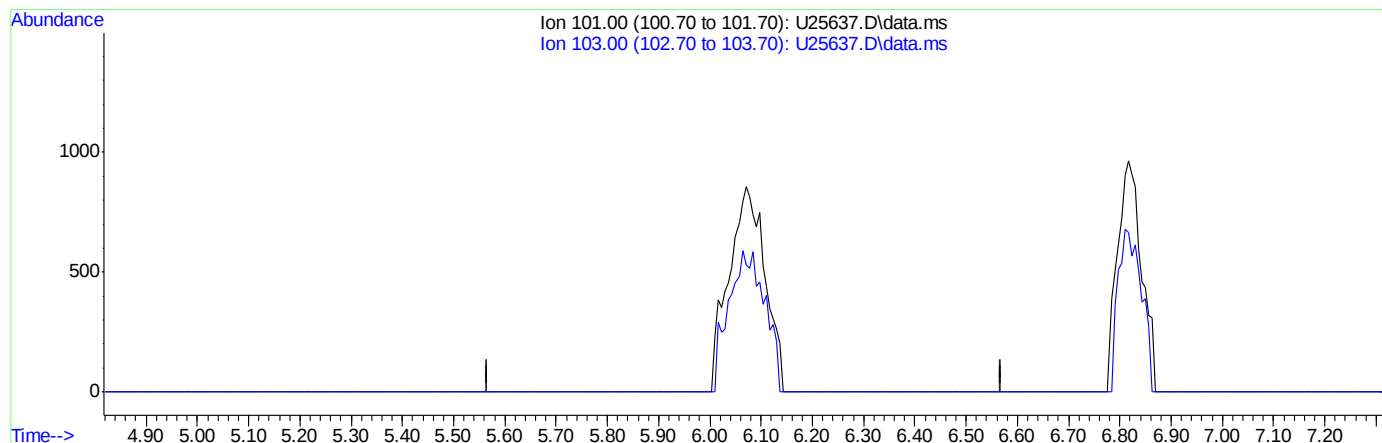
response 3563

Ion	Exp%	Act%
62.00	100	100
64.00	31.80	34.04
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:00:37 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25637.D\data.ms

(12) trichlorofluoromethane (P)

6.088min (-6.088) 0.00ppb

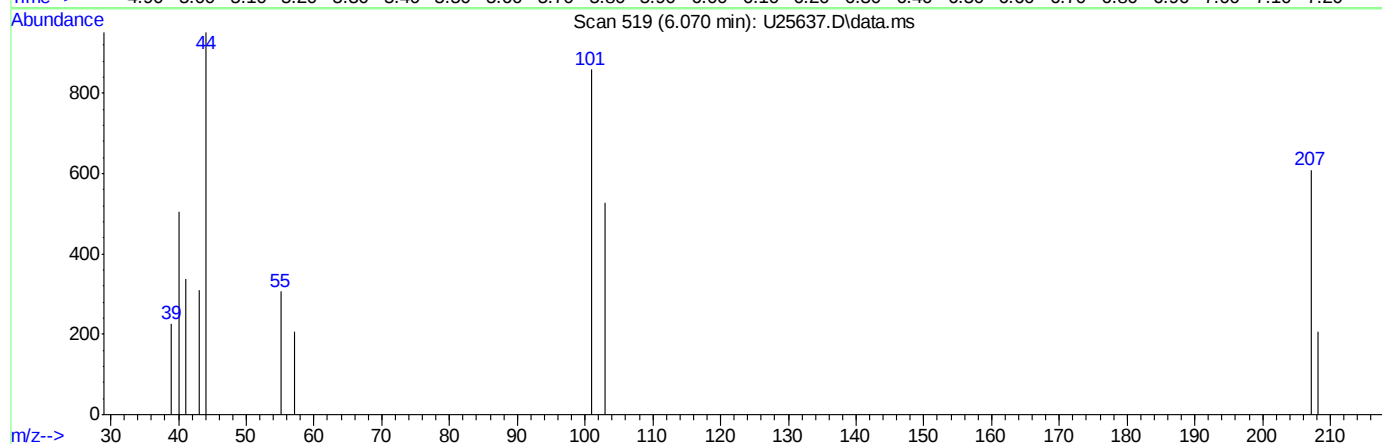
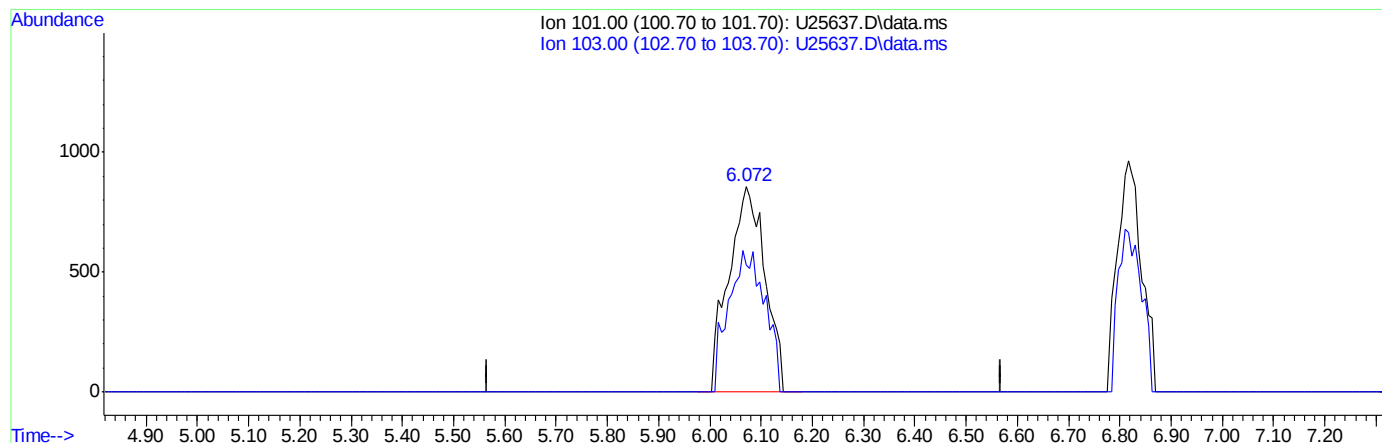
response 0

Ion	Exp%	Act%
101.00	100	0.00
103.00	63.80	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:00:37 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25637.D\data.ms

(12) trichlorofluoromethane (P)

6.070min (-0.017) 0.66ppb m

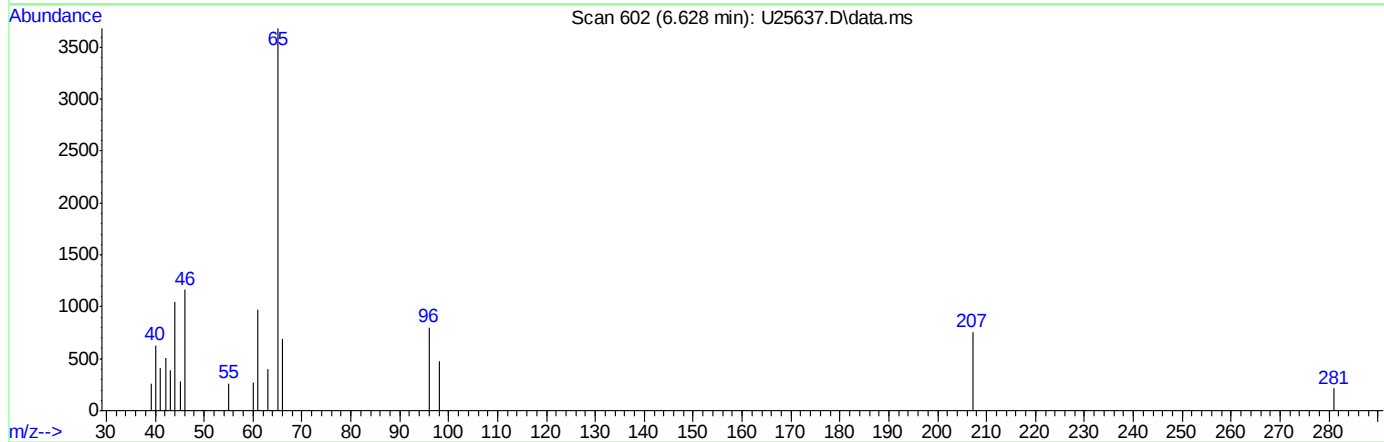
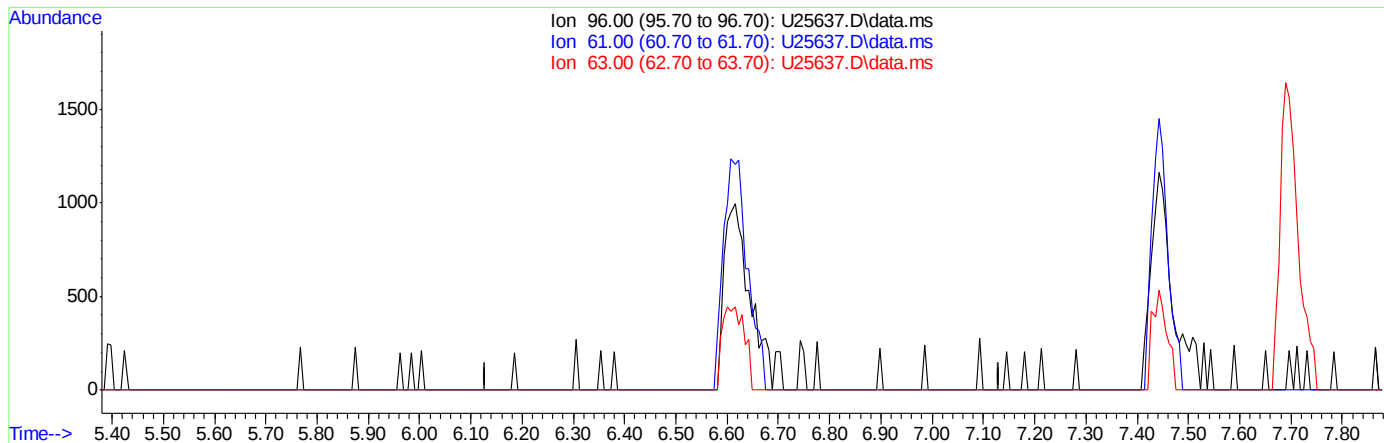
response 4215

Ion	Exp%	Act%
101.00	100	100
103.00	63.80	61.47
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:00:37 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(15) 1,1-dichloroethene (P)

6.630min (-6.630) 0.00ppb

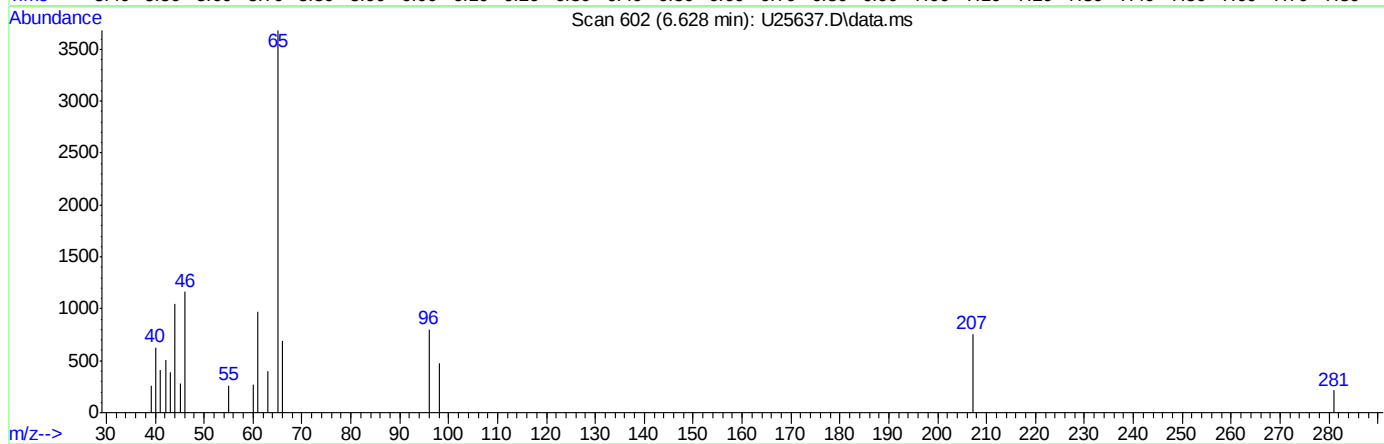
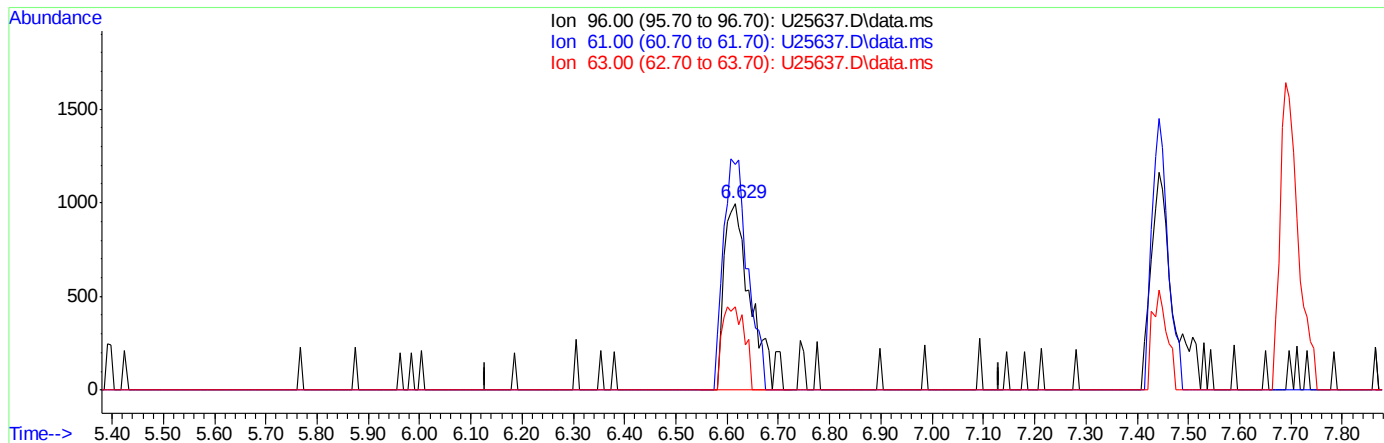
response 0

Ion	Exp%	Act%
96.00	100	0.00
61.00	188.70	0.00#
63.00	57.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:00:37 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25637.D\data.ms

(15) 1,1-dichloroethene (P)

6.628min (-0.002) 1.17ppb m

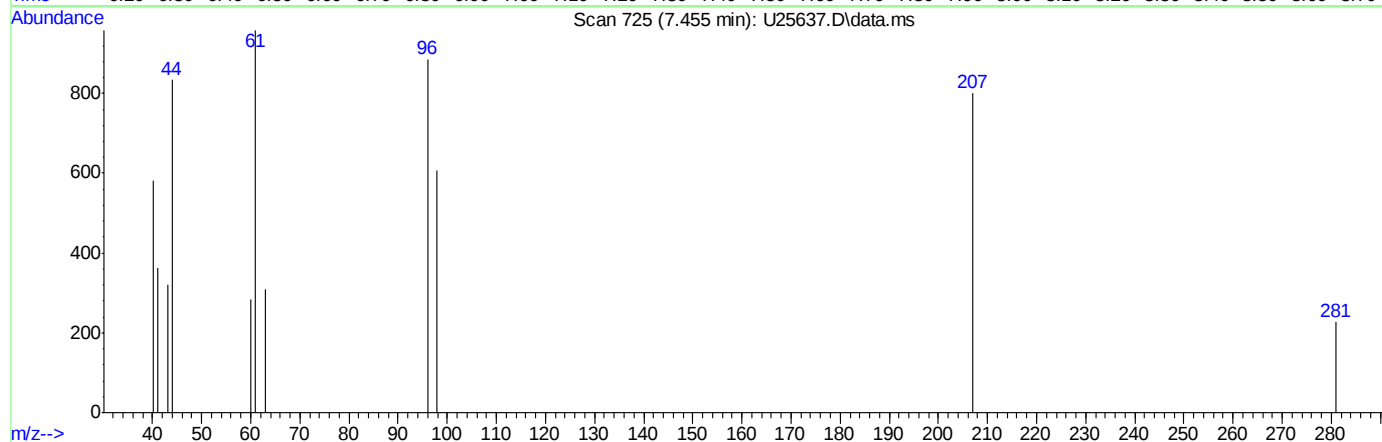
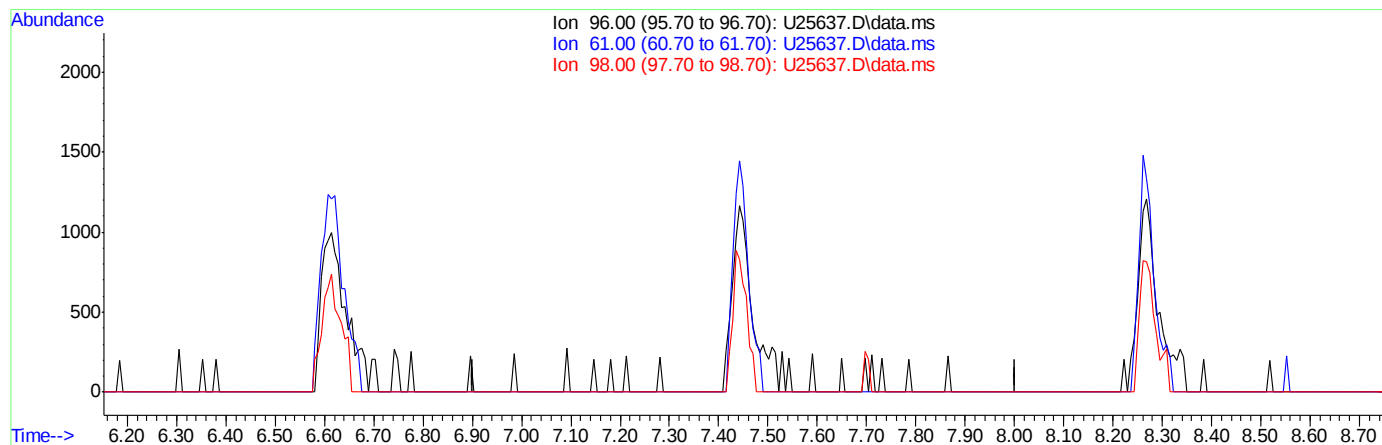
response 3575

Ion	Exp%	Act%
96.00	100	100
61.00	188.70	121.35#
63.00	57.60	50.31
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:00:37 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25637.D\data.ms

(22) trans-1,2-dichloroethene (P)

7.452min (-7.452) 0.00ppb

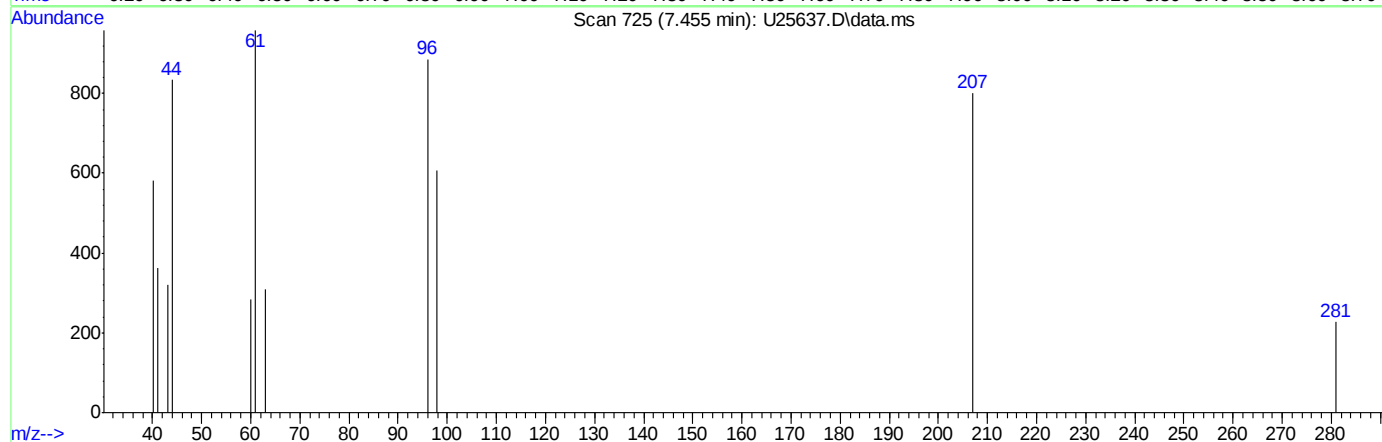
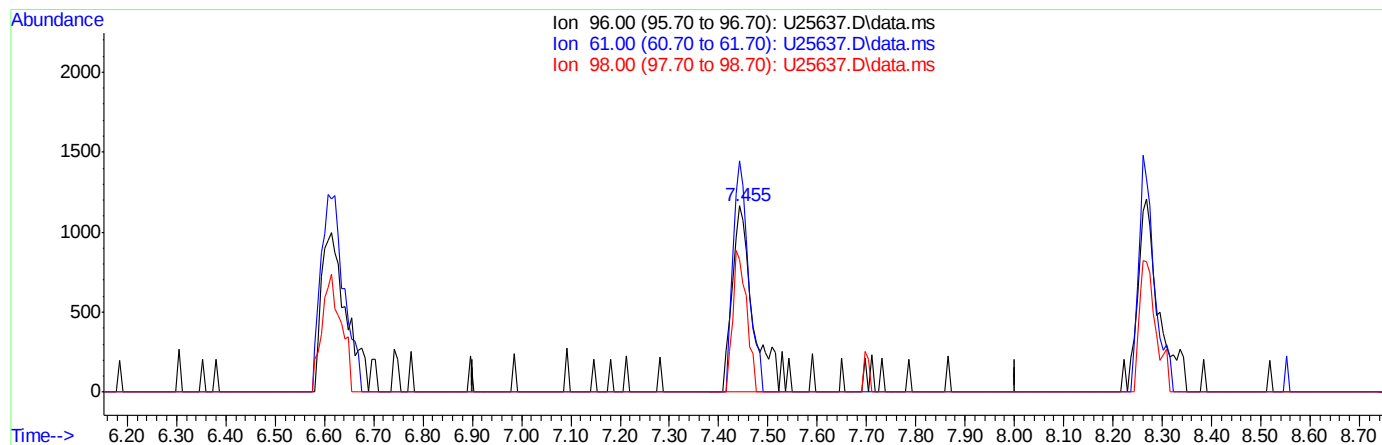
response 0

Ion	Exp%	Act%
96.00	100	0.00
61.00	175.50	0.00#
98.00	65.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:00:37 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(22) trans-1,2-dichloroethene (P)

7.455min (+0.003) 1.18ppb m

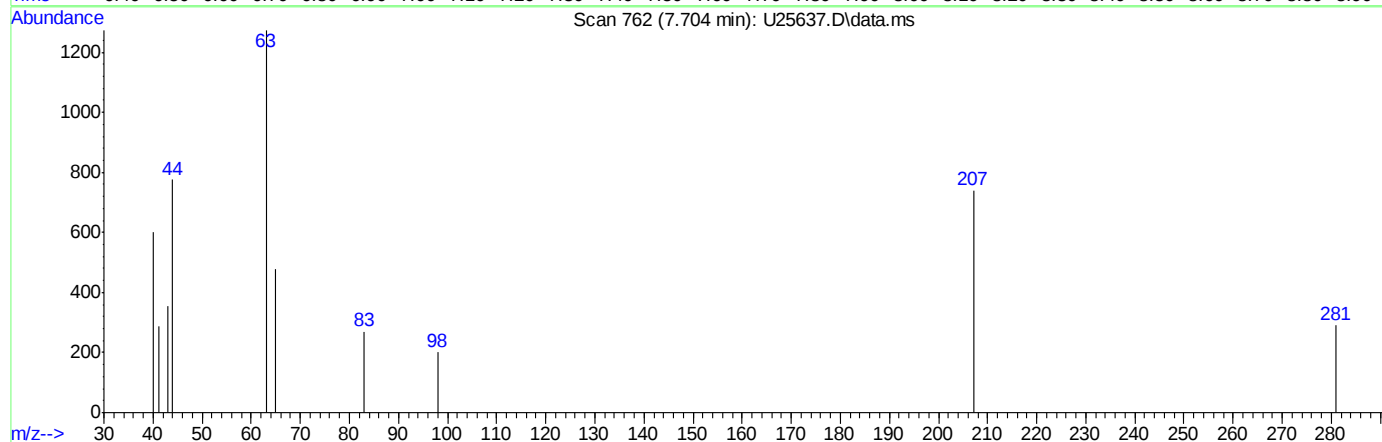
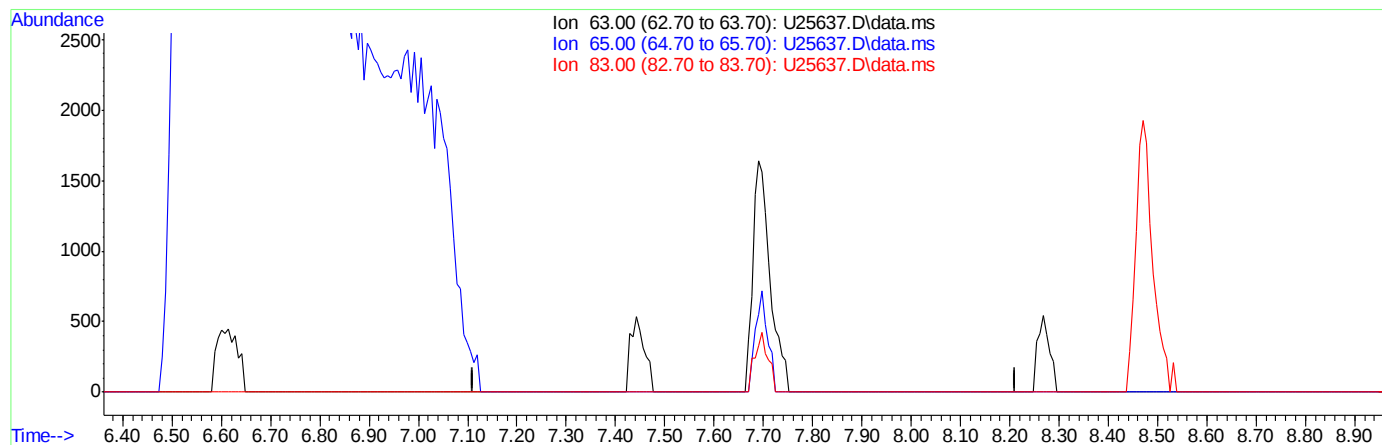
response 3376

Ion	Exp%	Act%
96.00	100	100
61.00	175.50	108.25#
98.00	65.20	68.70
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:00:37 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(33) 1,1-dichloroethane (P)

7.702min (-7.702) 0.00ppb

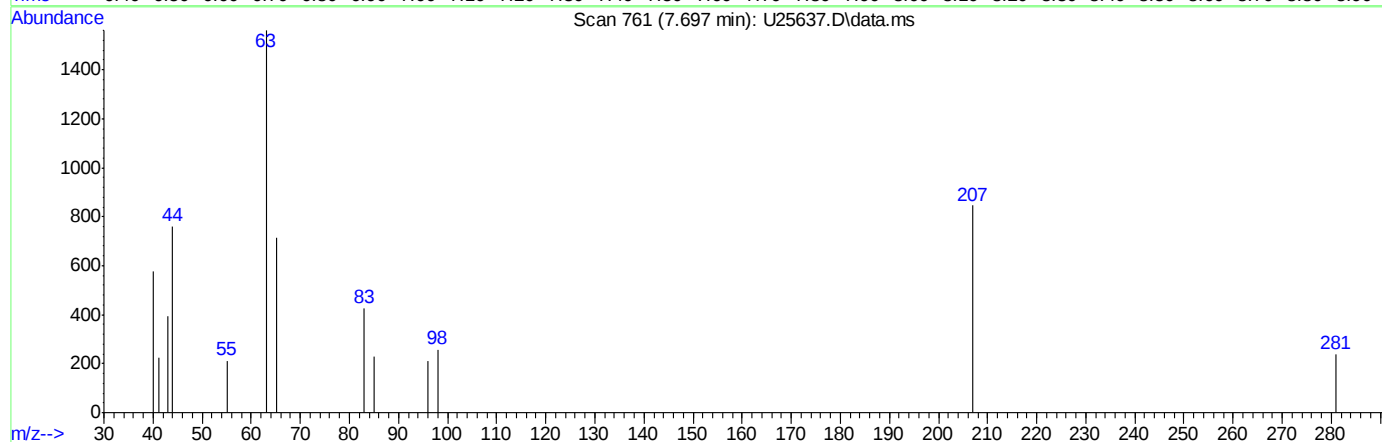
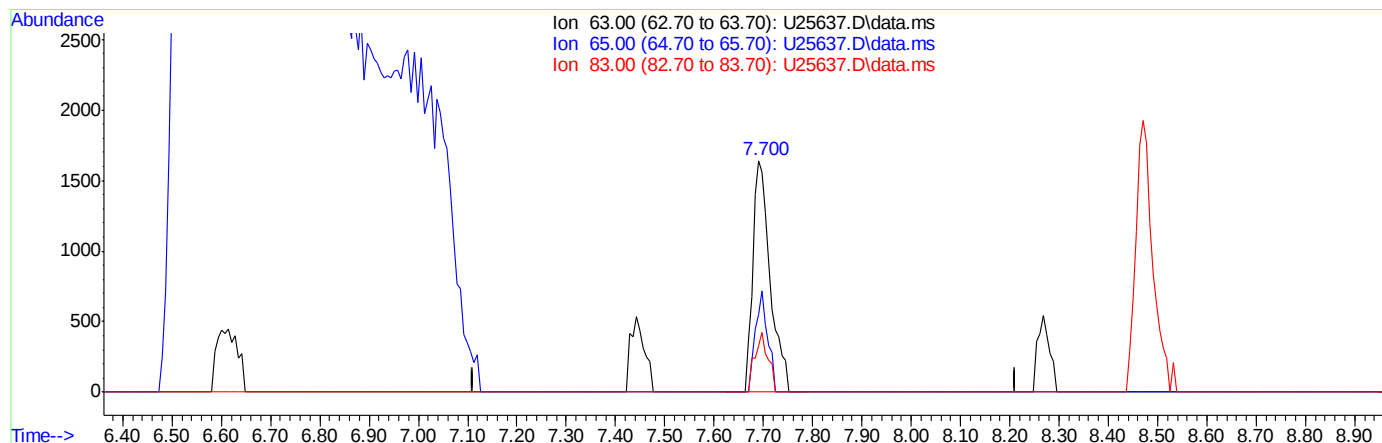
response 0

Ion	Exp%	Act%
63.00	100	0.00
65.00	29.70	0.00
83.00	11.80	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:00:37 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(33) 1,1-dichloroethane (P)

7.697min (-0.004) 0.86ppb m

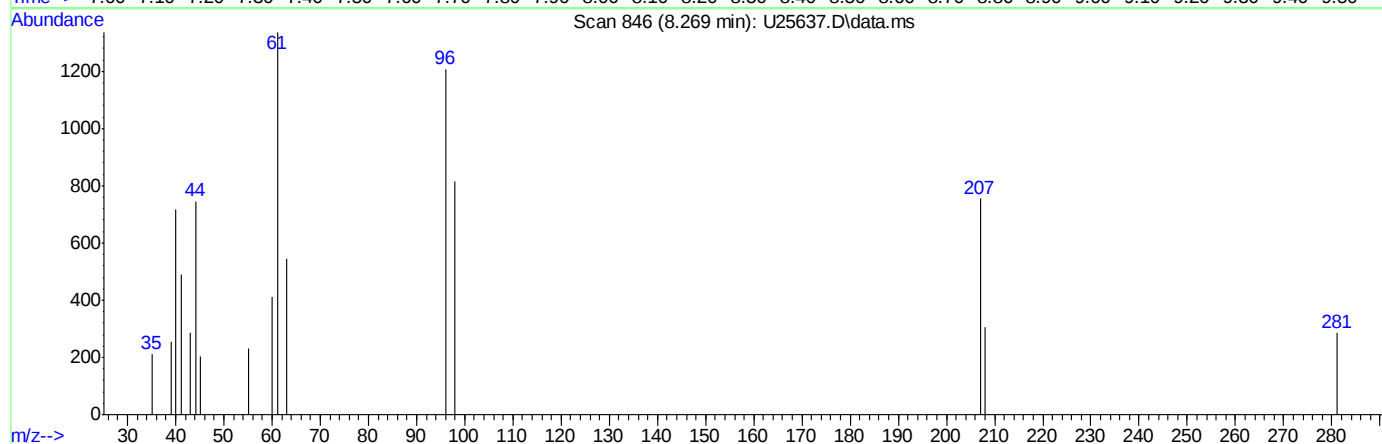
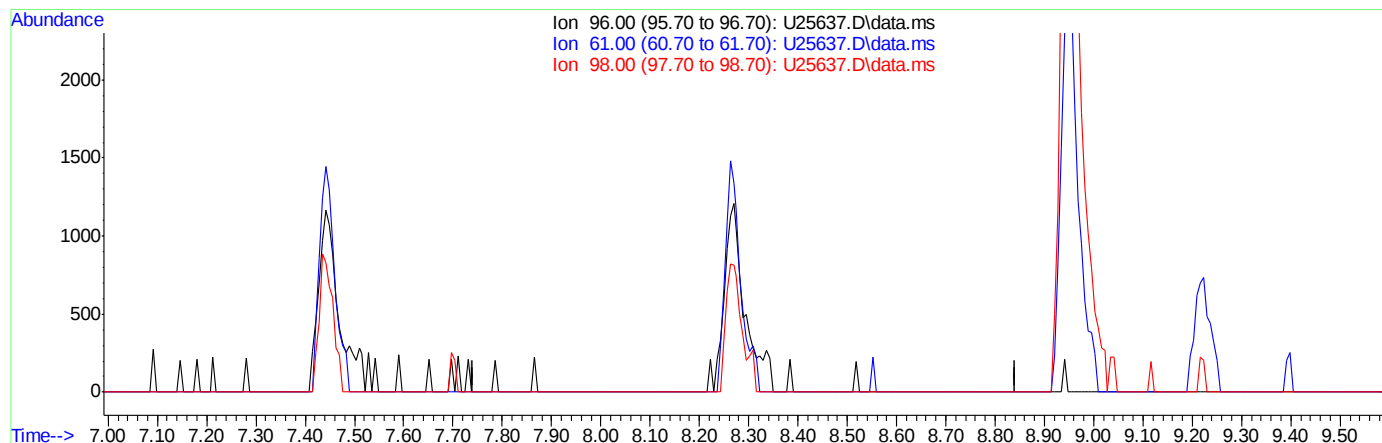
response 3936

Ion	Exp%	Act%
63.00	100	100
65.00	29.70	45.87
83.00	11.80	27.35
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:00:37 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25637.D\data.ms

(37) cis-1,2-dichloroethene (P)

8.272min (-8.272) 0.00ppb

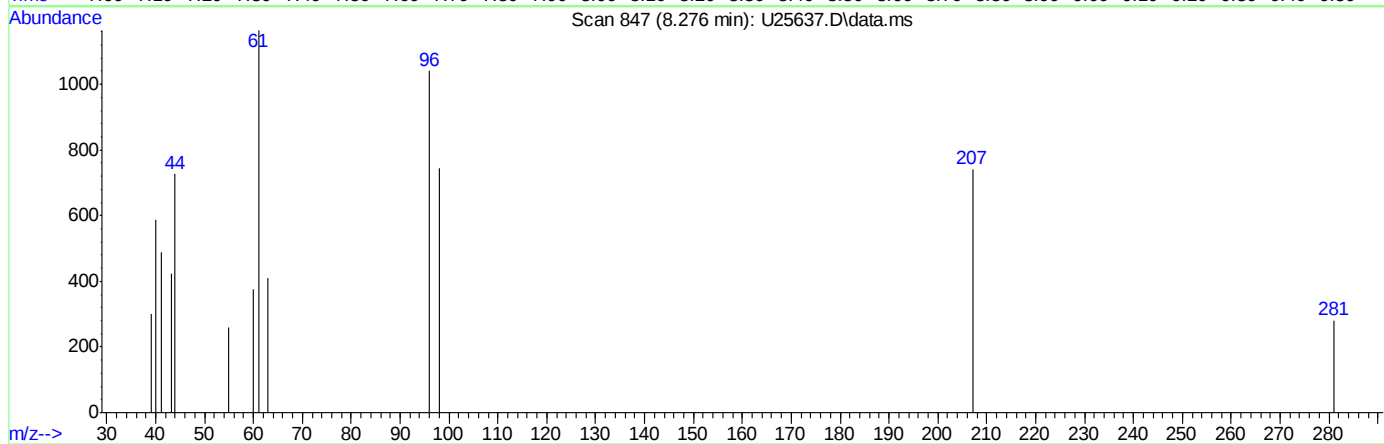
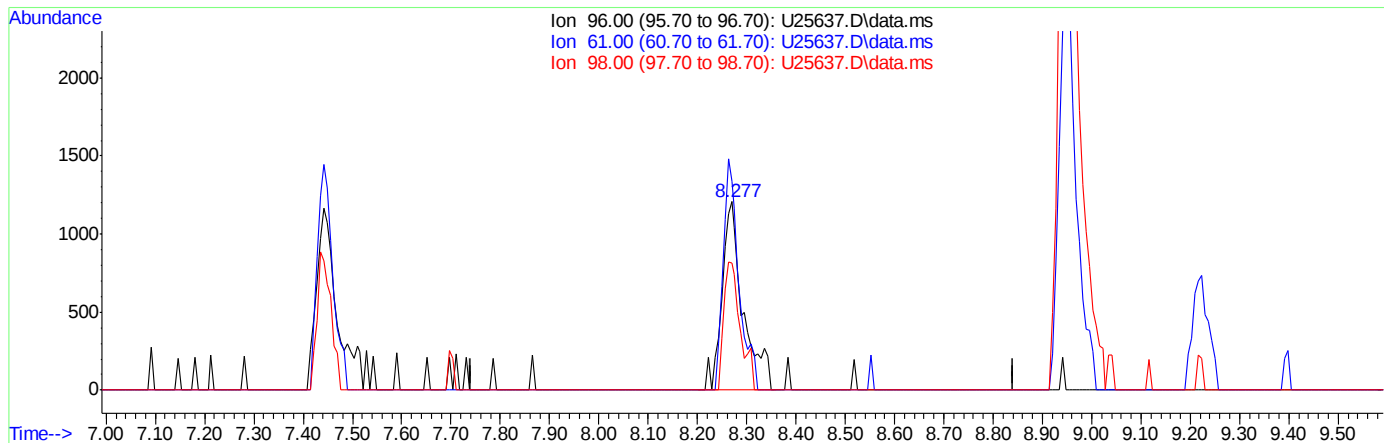
response 0

Ion	Exp%	Act%
96.00	100	0.00
61.00	156.30	0.00#
98.00	66.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:00:37 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(37) cis-1,2-dichloroethene (P)

8.276min (+0.004) 1.17ppb m

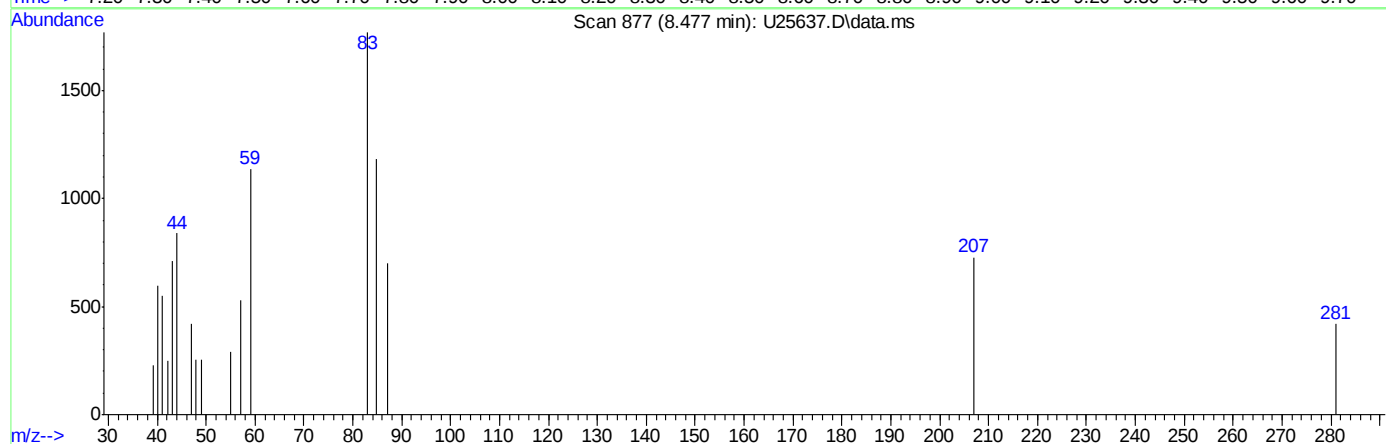
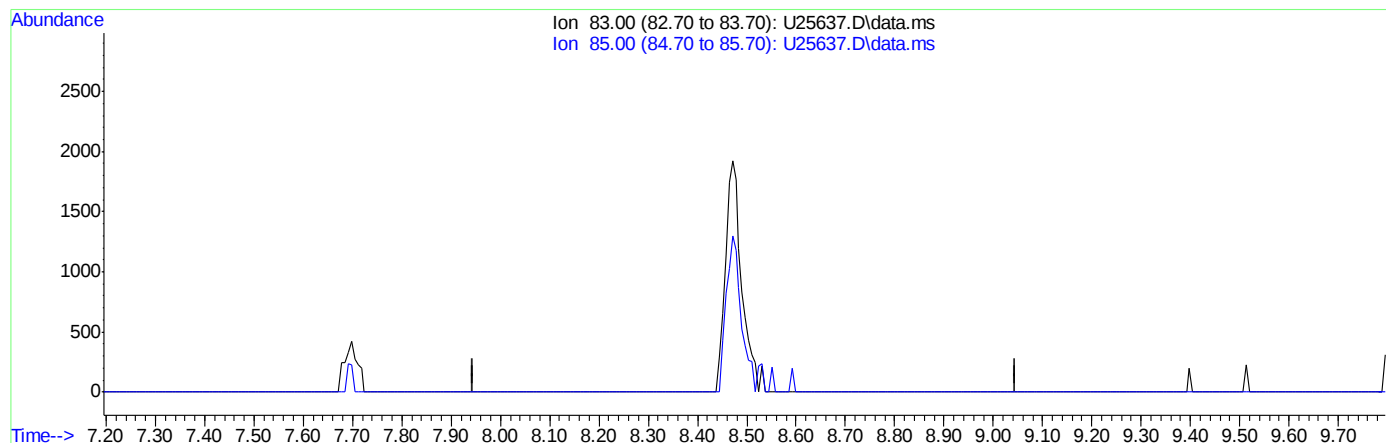
response 3695

Ion	Exp%	Act%
96.00	100	100
61.00	156.30	111.82#
98.00	66.20	71.57
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:00:37 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25637.D\data.ms

(39) chloroform (P)

8.475min (-8.475) 0.00ppb

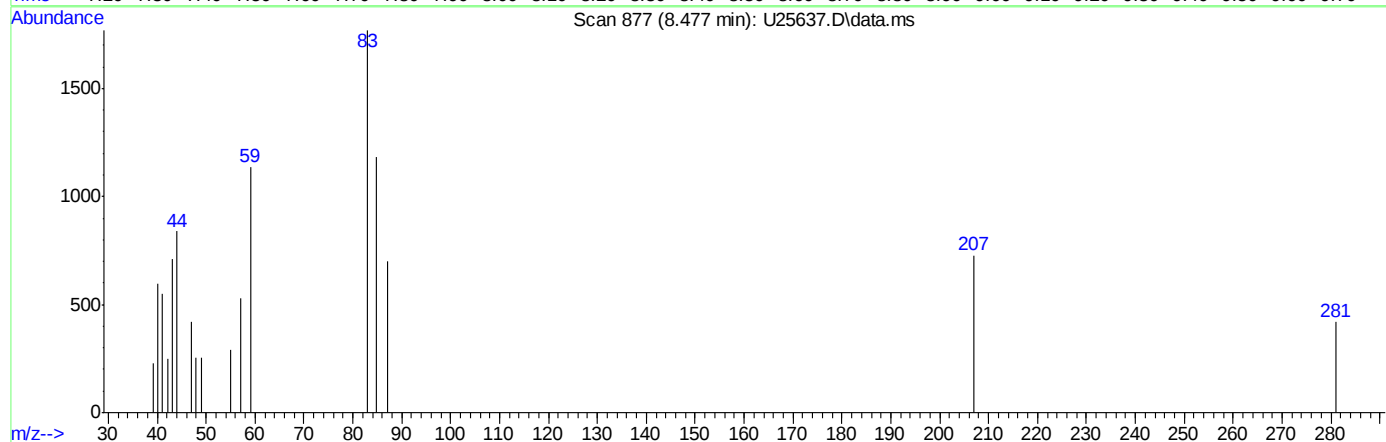
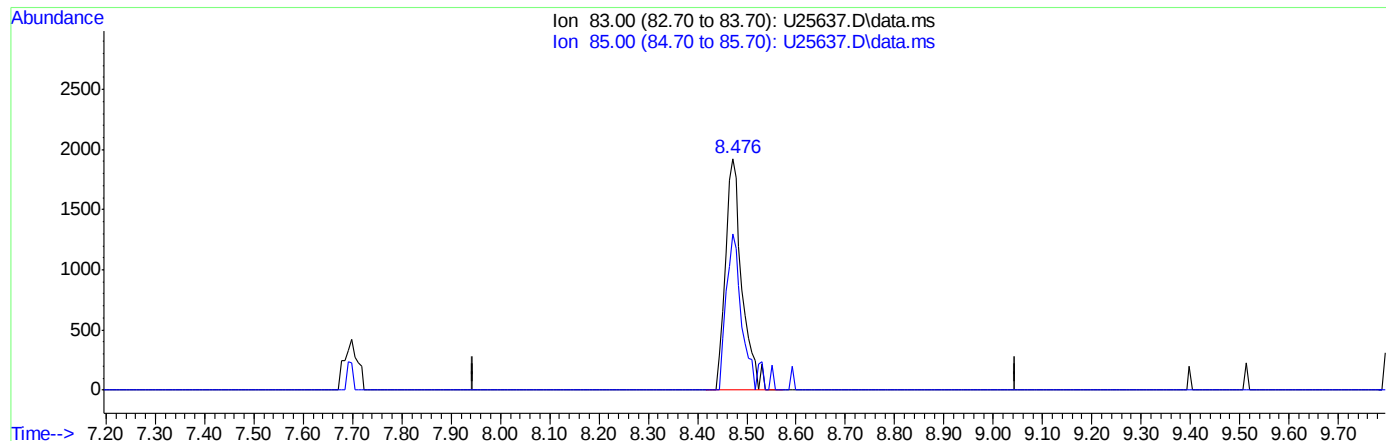
response 0

Ion	Exp%	Act%
83.00	100	0.00
85.00	66.90	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:00:37 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25637.D\data.ms

(39) chloroform (P)

8.477min (+0.002) 0.92ppb m

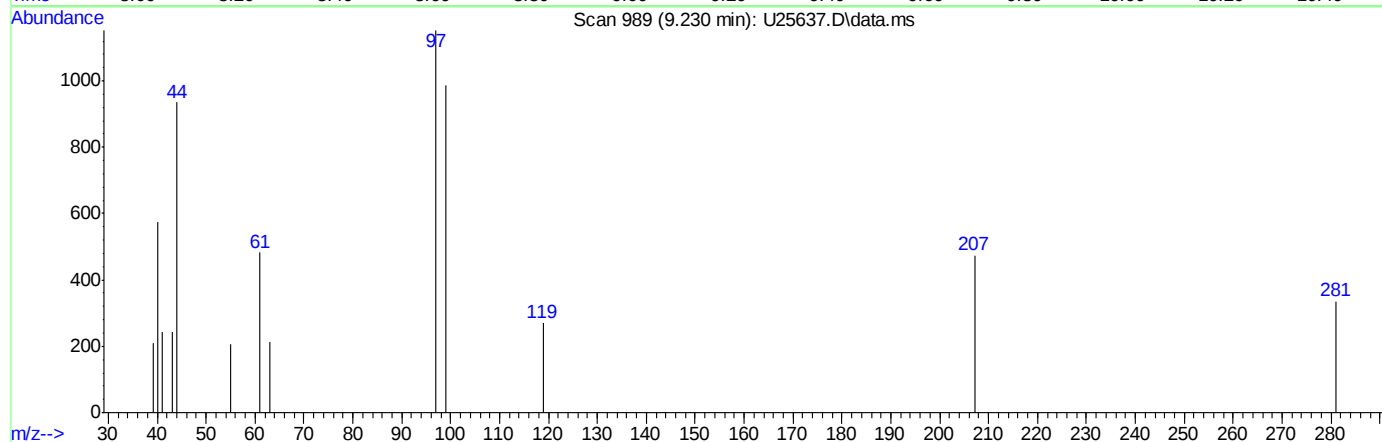
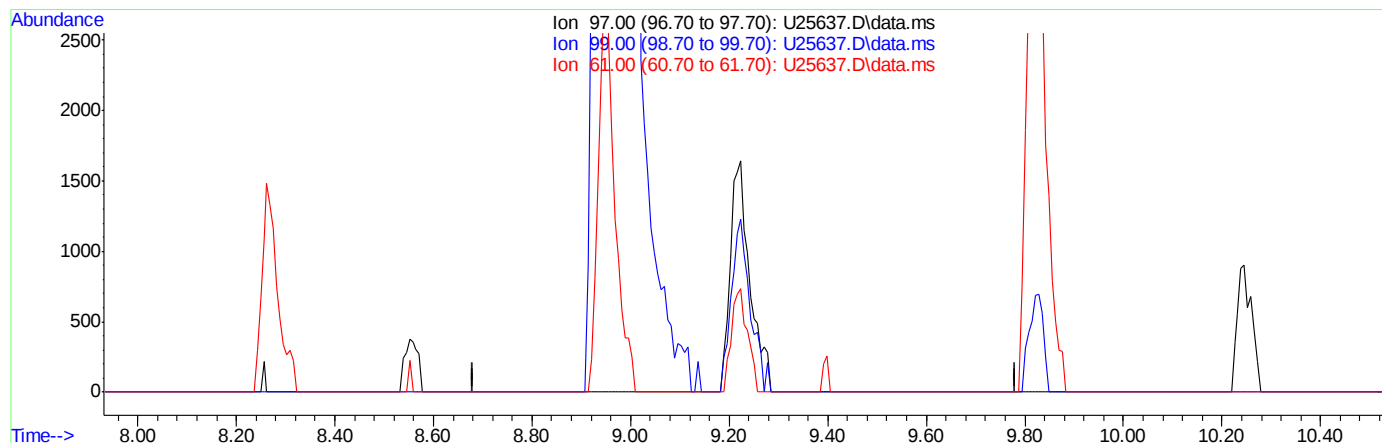
response 4589

Ion	Exp%	Act%
83.00	100	100
85.00	66.90	66.76
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:00:37 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(42) 1,1,1-trichloroethane (P)

9.231min (-9.231) 0.00ppb

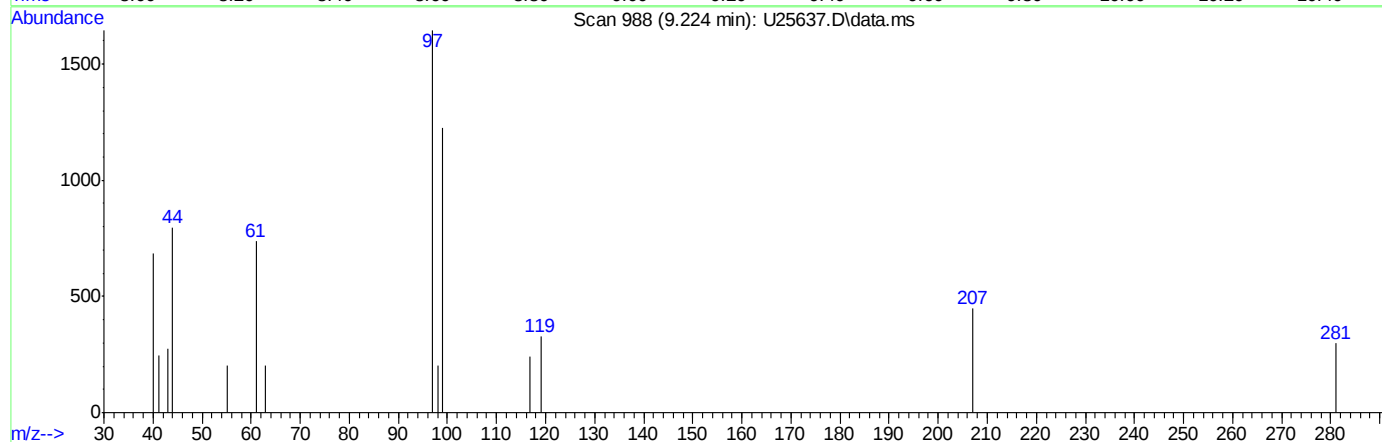
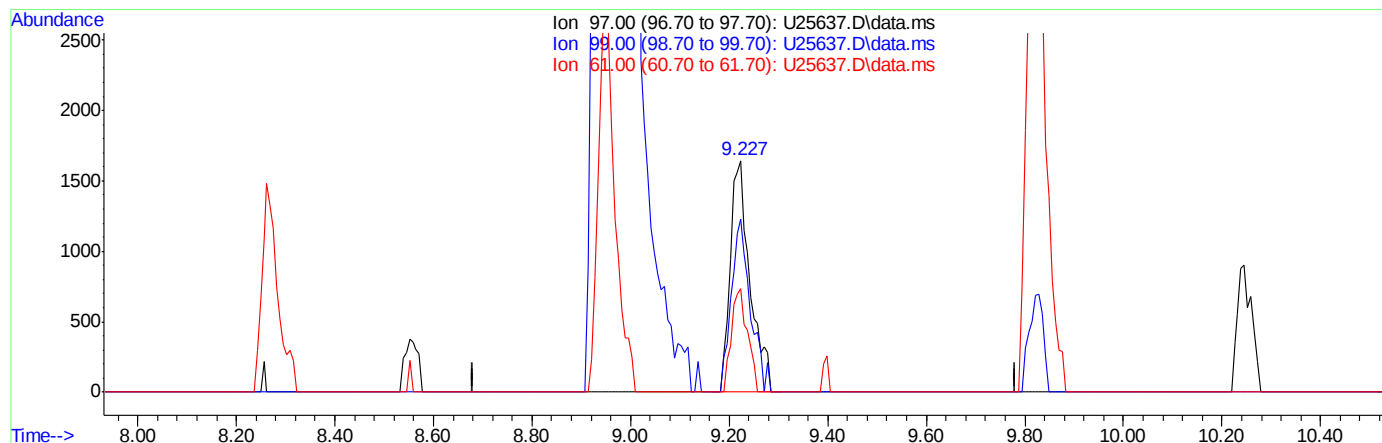
response 0

Ion	Exp%	Act%
97.00	100	0.00
99.00	63.00	0.00#
61.00	44.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:00:37 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(42) 1,1,1-trichloroethane (P)

9.224min (-0.008) 0.91ppb m

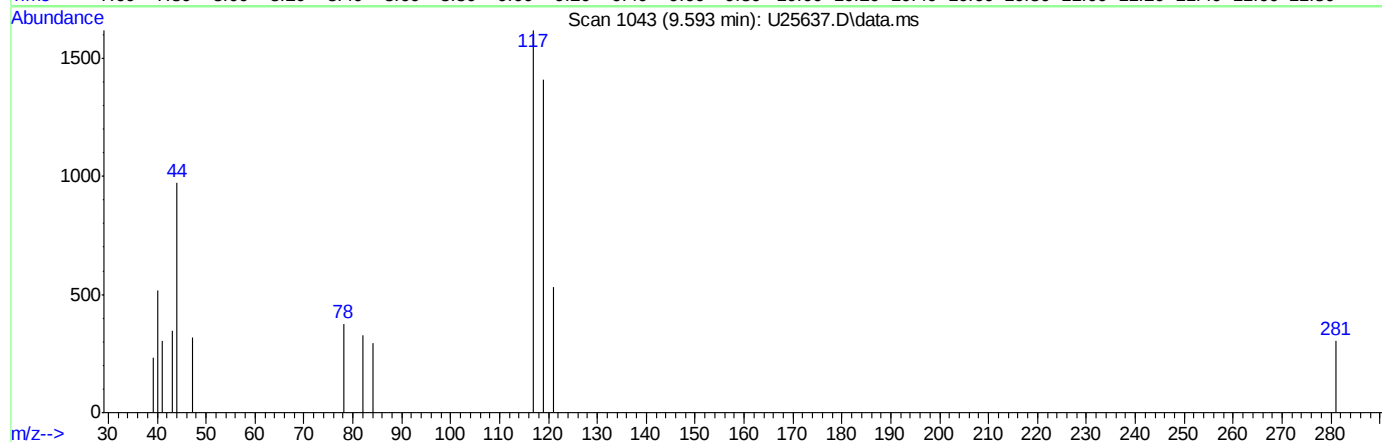
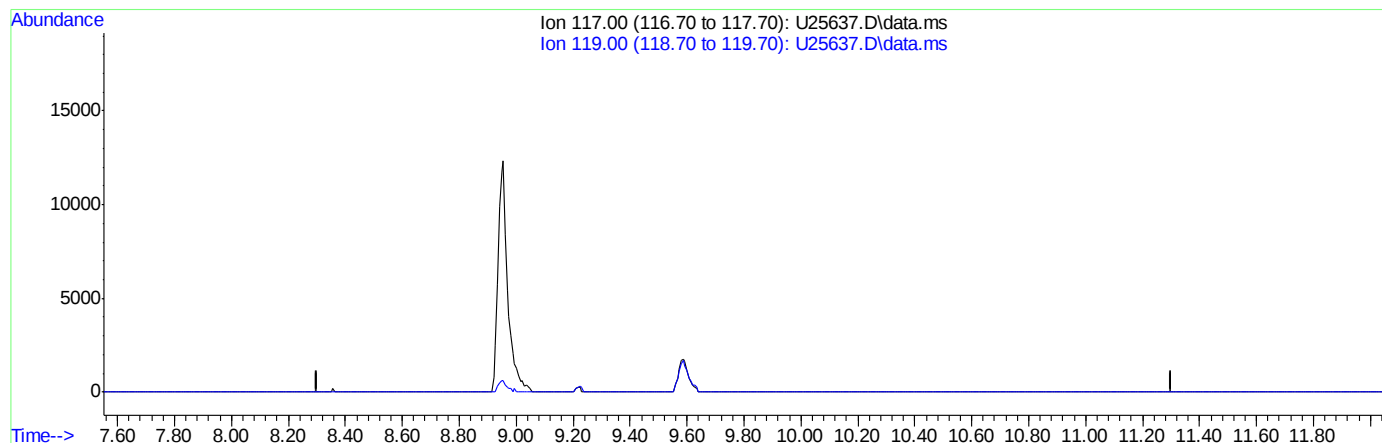
response 4499

Ion	Exp%	Act%
97.00	100	100
99.00	63.00	74.53
61.00	44.20	44.74
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:00:37 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25637.D\data.ms

(45) carbon tetrachloride (P)

9.592min (-9.592) 0.00ppb

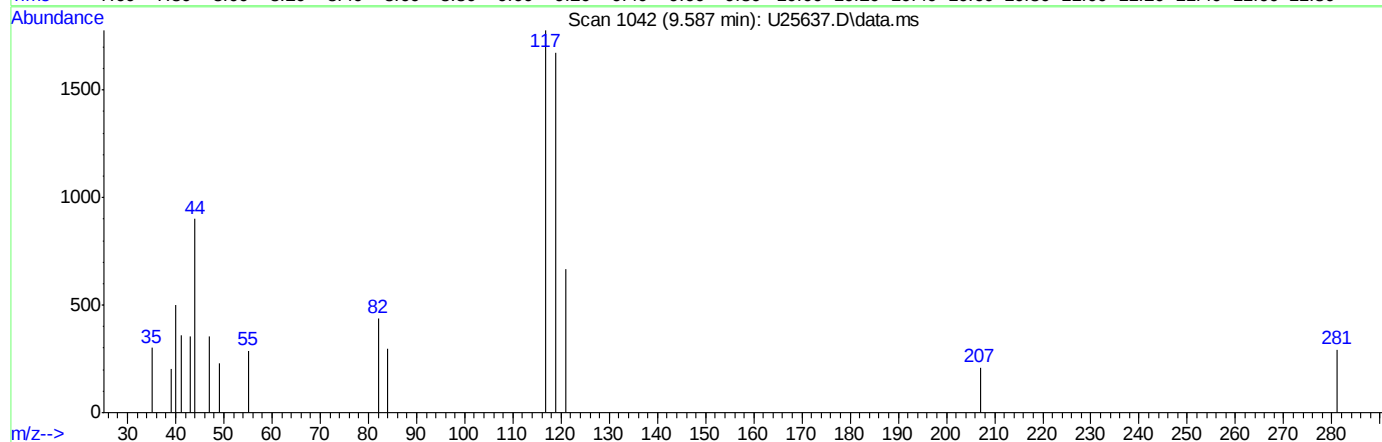
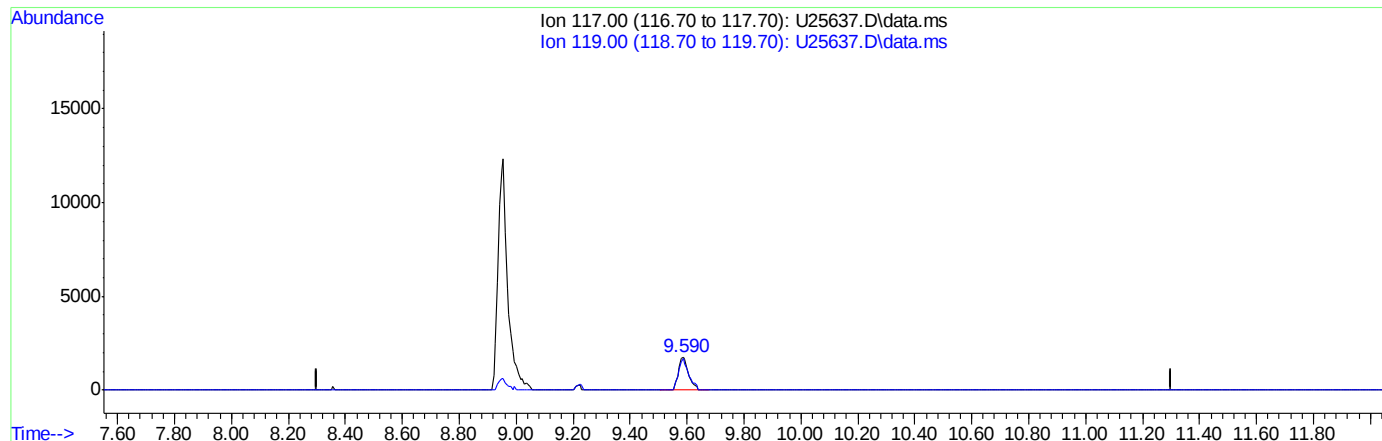
response 0

Ion	Exp%	Act%
117.00	100	0.00
119.00	94.90	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:00:37 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25637.D\data.ms

(45) carbon tetrachloride (P)

9.587min (-0.005) 0.93ppb m

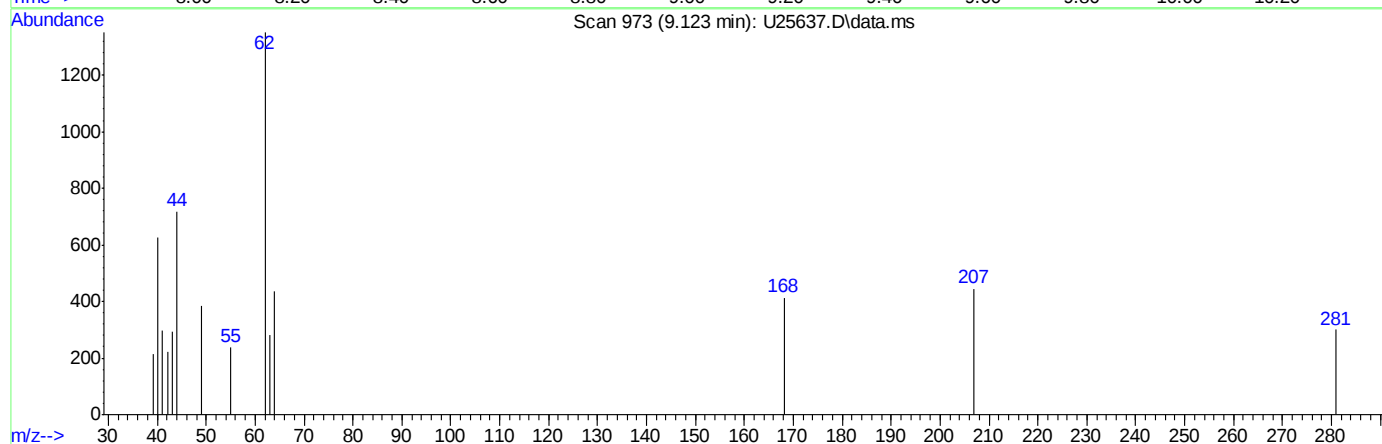
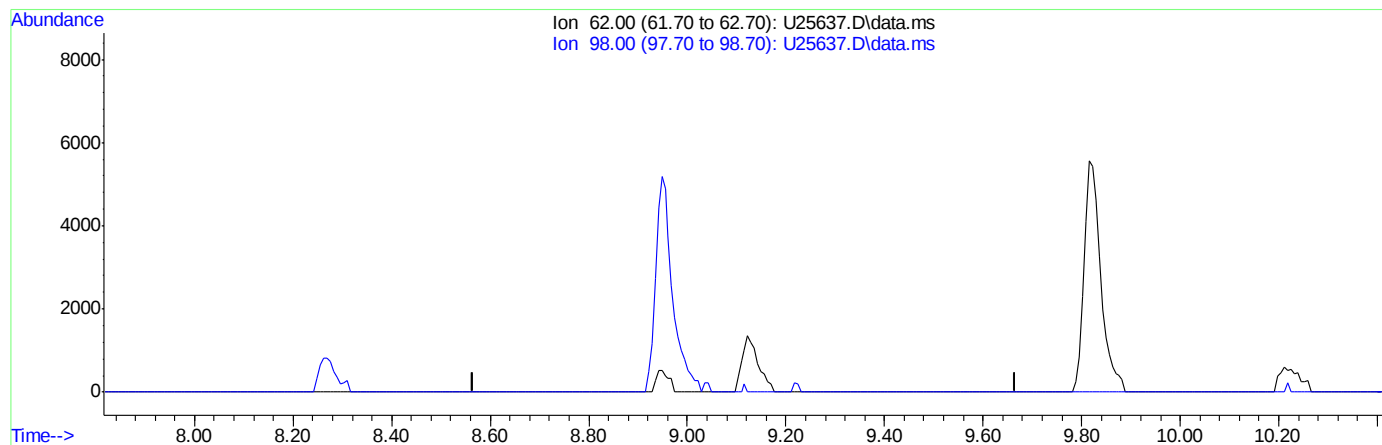
response 4347

Ion	Exp%	Act%
117.00	100	100
119.00	94.90	94.26
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:00:37 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(48) 1,2-dichloroethane (P)

9.126min (-9.126) 0.00ppb

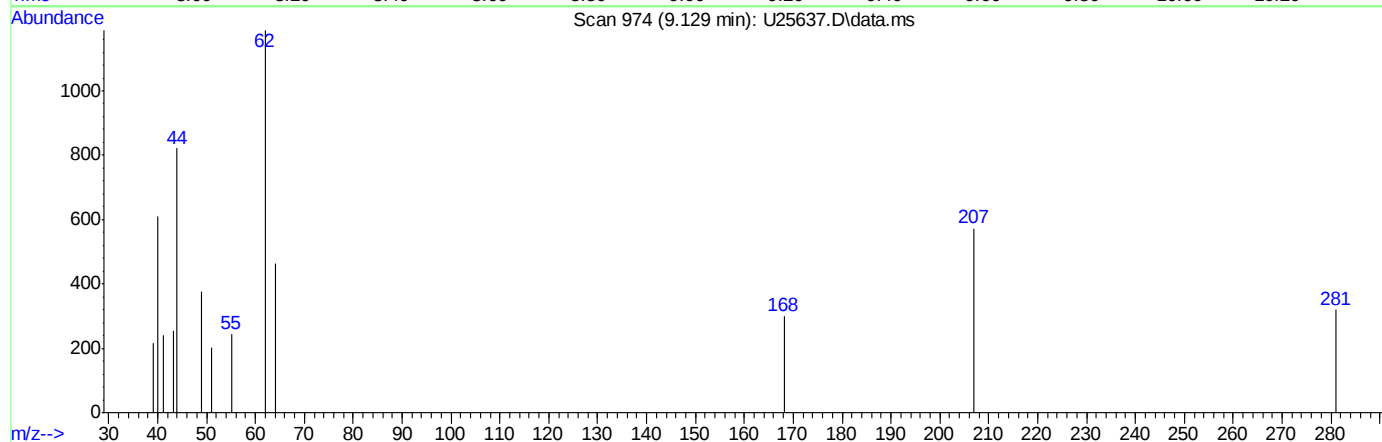
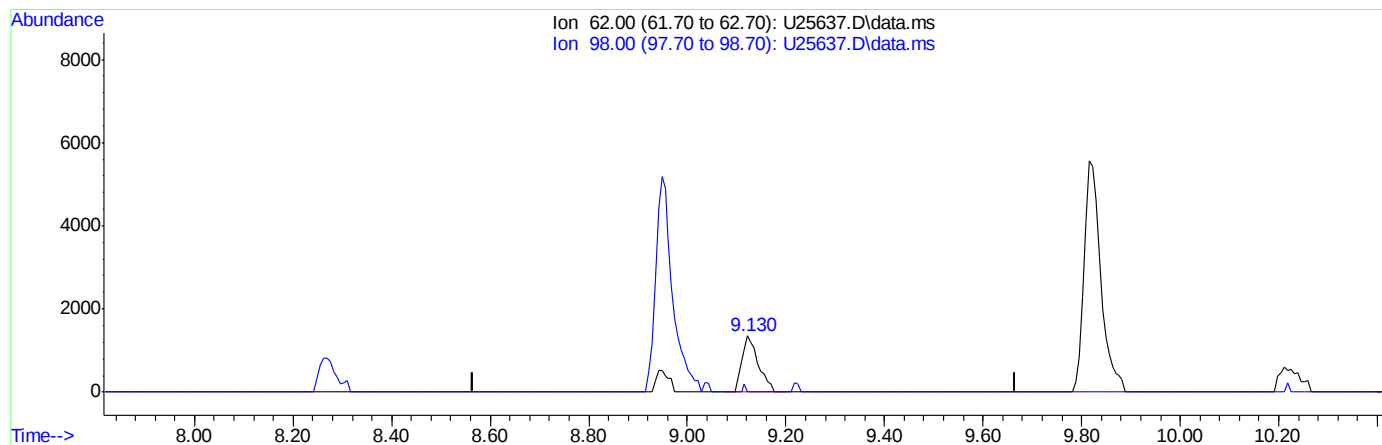
response 0

Ion	Exp%	Act%
62.00	100	0.00
98.00	7.60	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:00:37 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25637.D\data.ms

(48) 1,2-dichloroethane (P)

9.129min (+0.003) 0.87ppb m

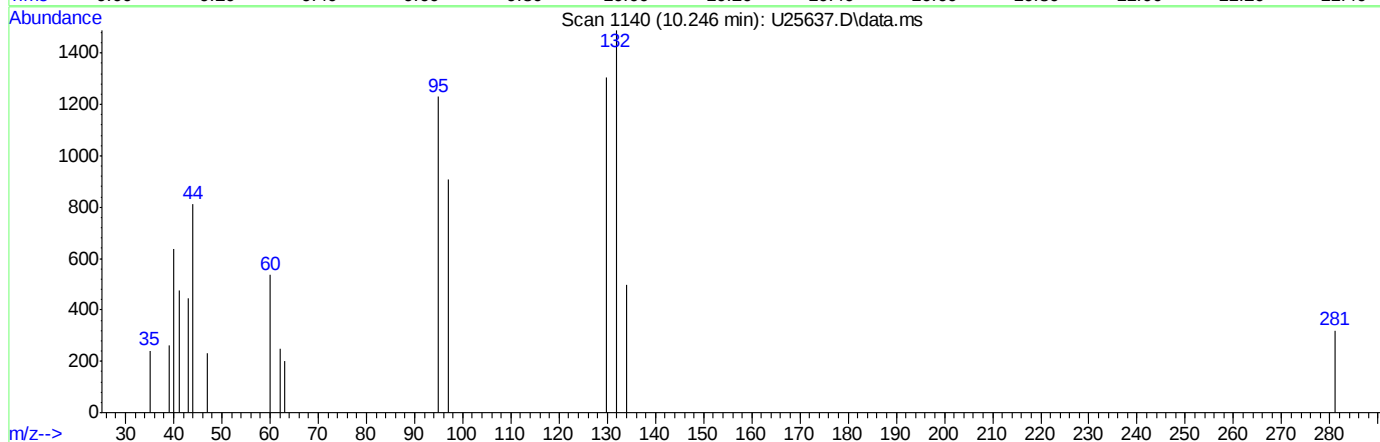
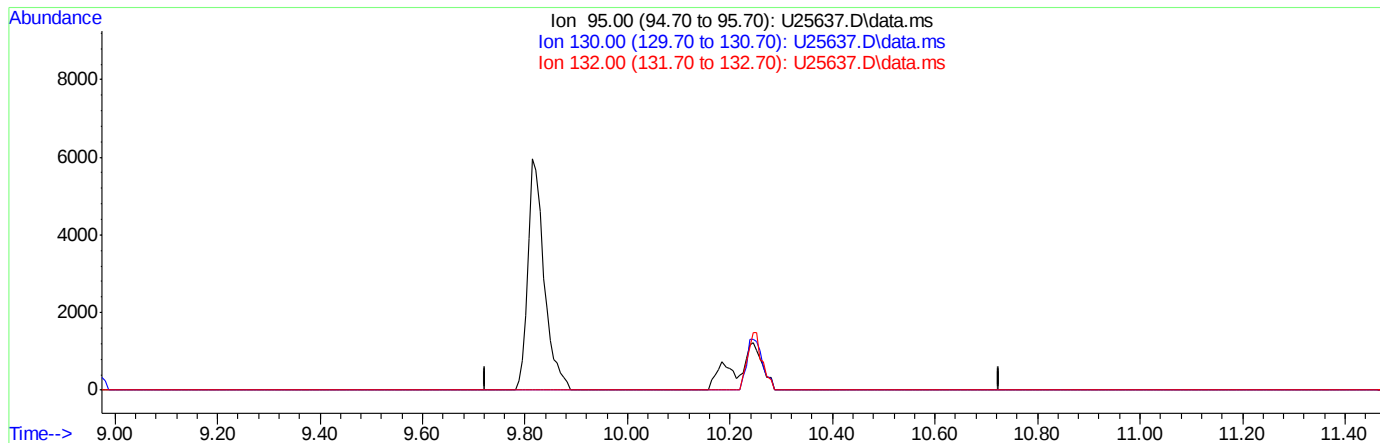
response 3152

Ion	Exp%	Act%
62.00	100	100
98.00	7.60	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:00:37 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25637.D\data.ms

(51) trichloroethene (P)

10.245min (-10.245) 0.00ppb

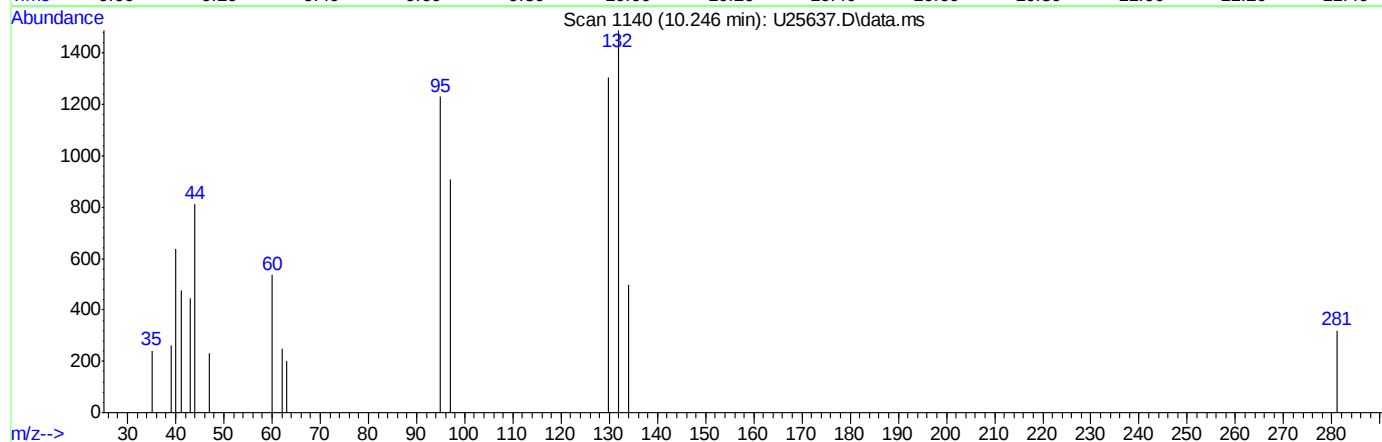
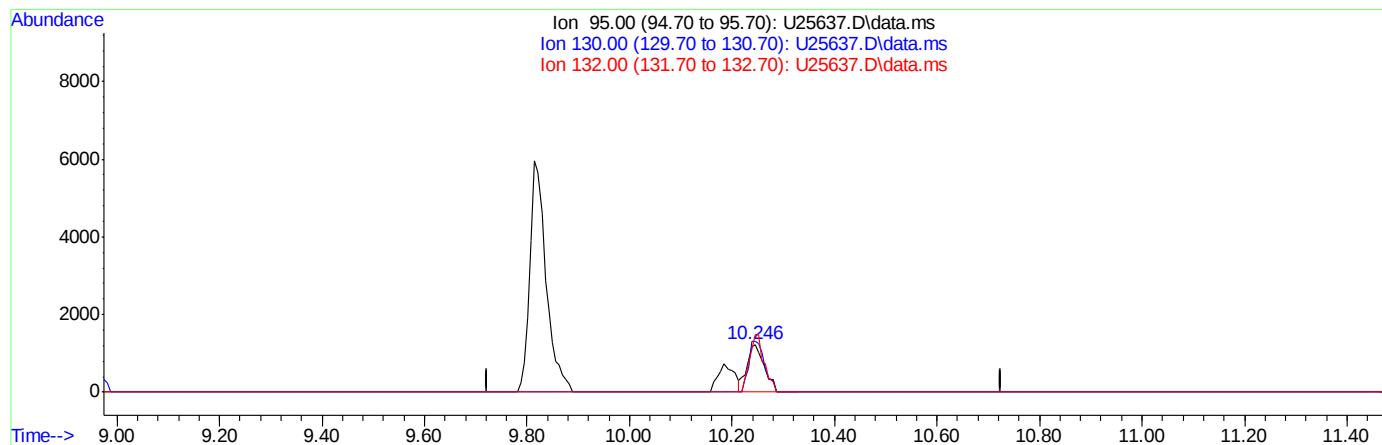
response 0

Ion	Exp%	Act%
95.00	100	0.00
130.00	88.80	0.00#
132.00	92.50	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:00:37 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25637.D\data.ms

(51) trichloroethene (P)

10.246min (+0.001) 0.97ppb m

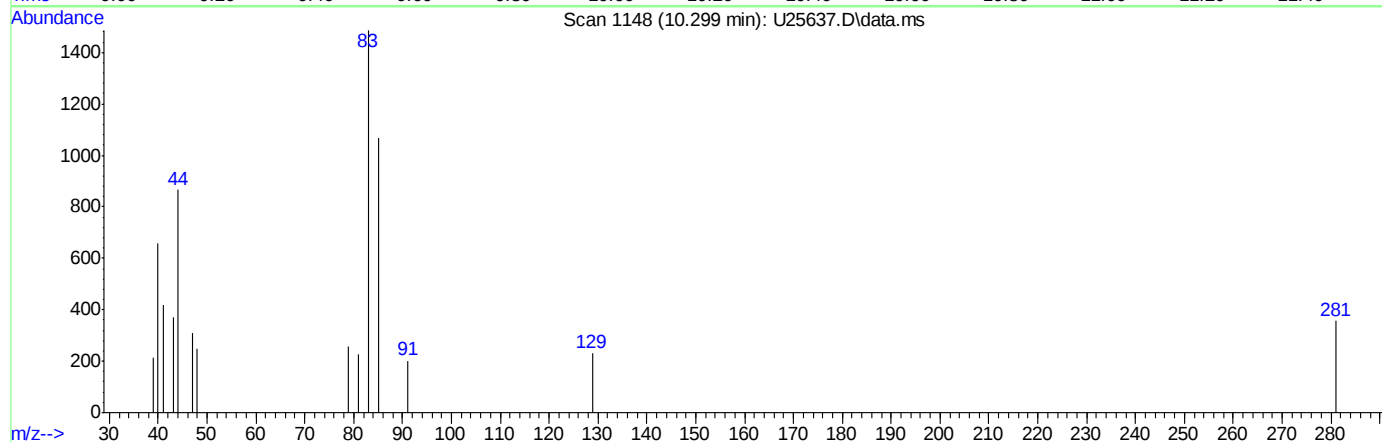
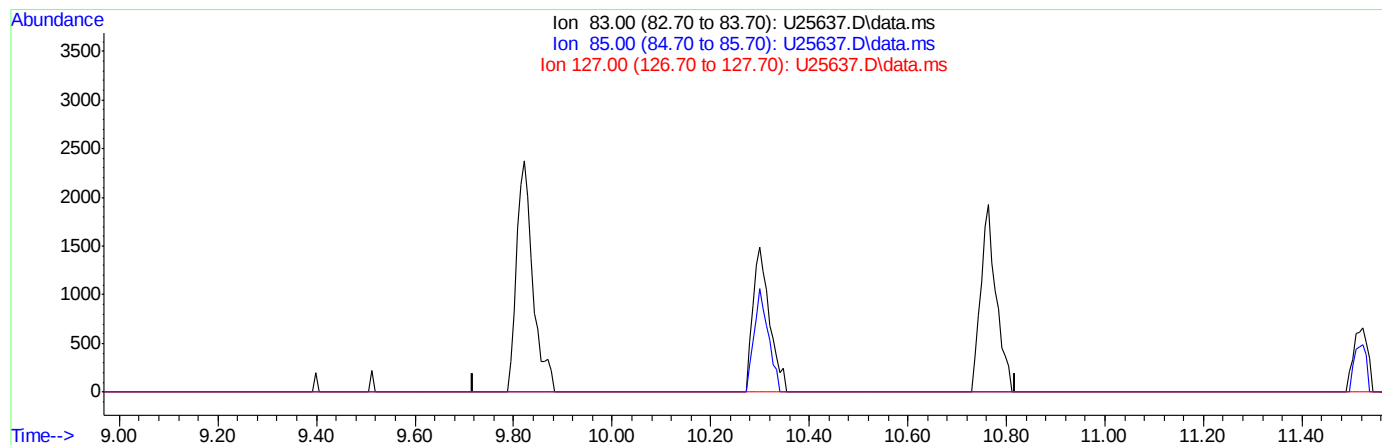
response 2891

Ion	Exp%	Act%
95.00	100	100
130.00	88.80	106.10
132.00	92.50	121.07
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:00:37 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25637.D\data.ms

(54) bromodichloromethane (P)

10.299min (-10.299) 0.00ppb

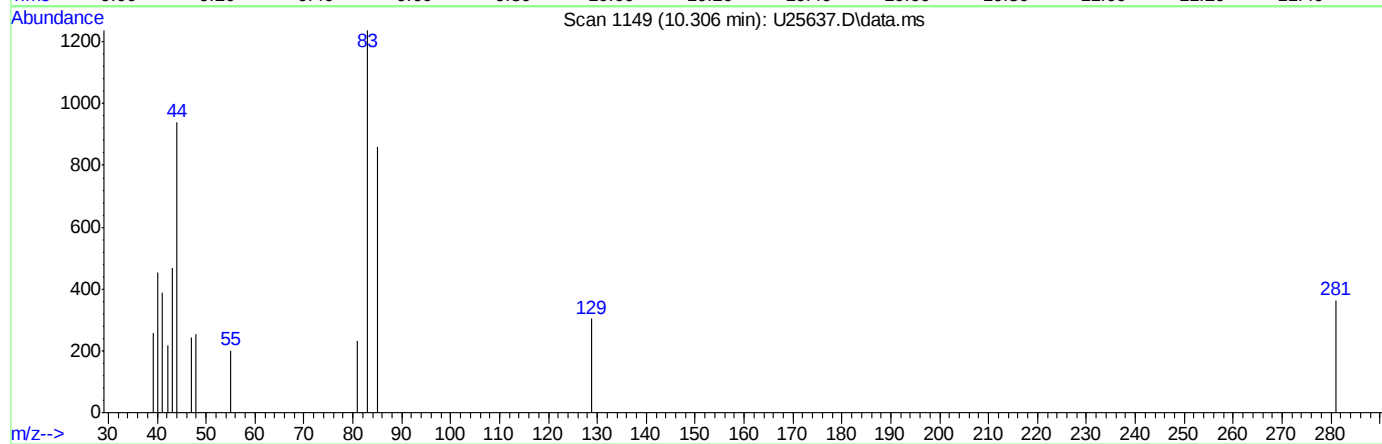
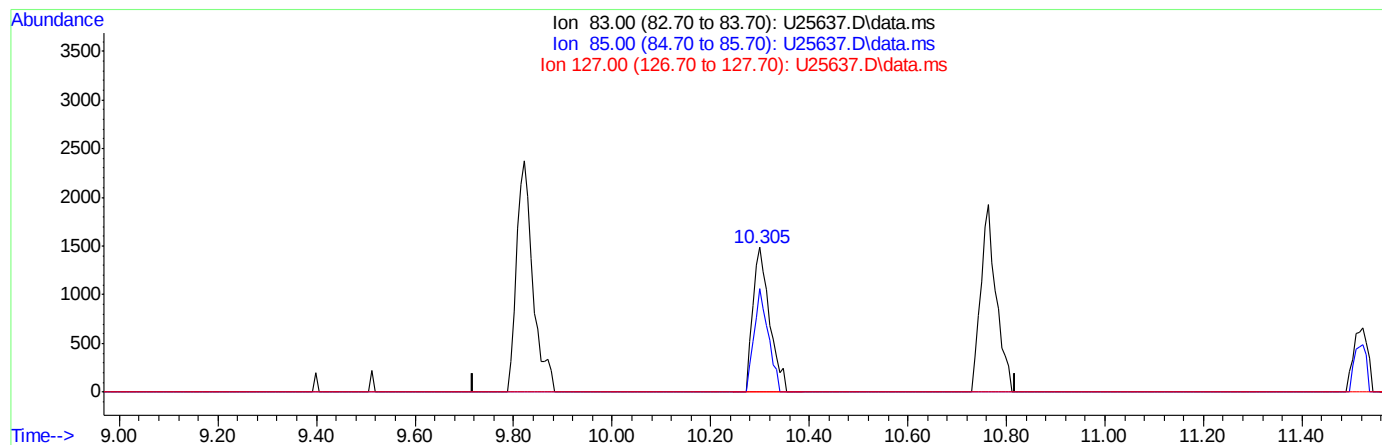
response 0

Ion	Exp%	Act%
83.00	100	0.00
85.00	66.90	0.00#
127.00	8.50	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:00:37 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25637.D\data.ms

(54) bromodichloromethane (P)

10.306min (+0.007) 0.91ppb m

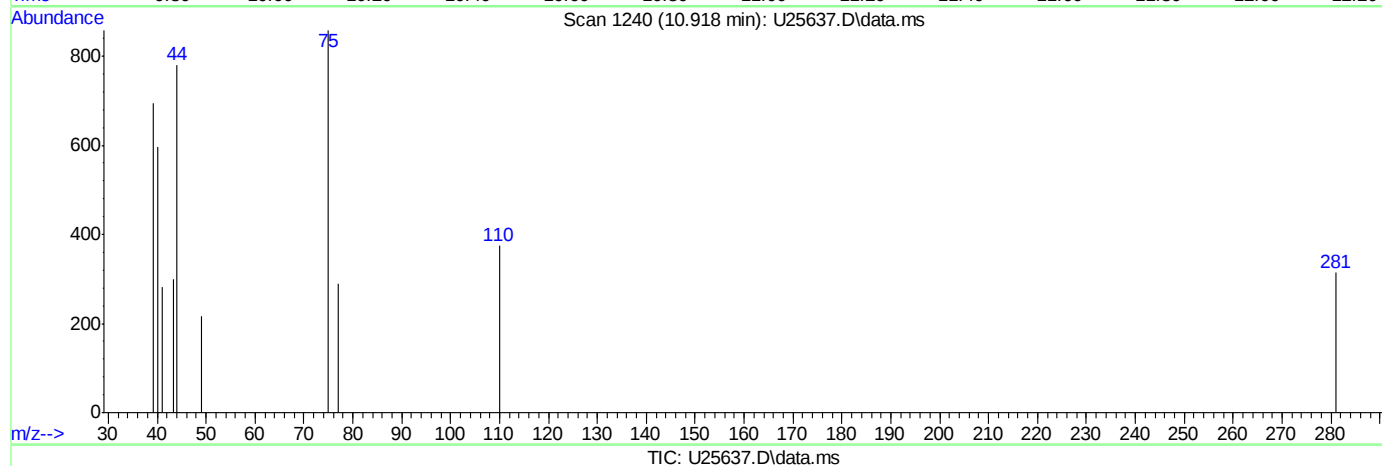
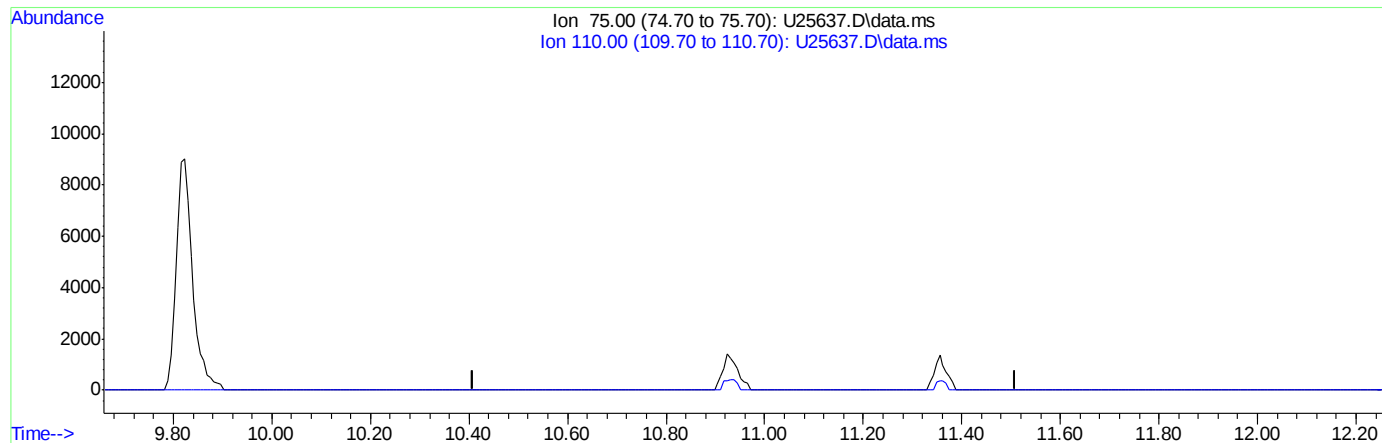
response 3440

Ion	Exp%	Act%
83.00	100	100
85.00	66.90	69.52
127.00	8.50	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:00:37 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(59) cis-1,3-dichloropropene (P)

10.919min (-10.919) 0.00ppb

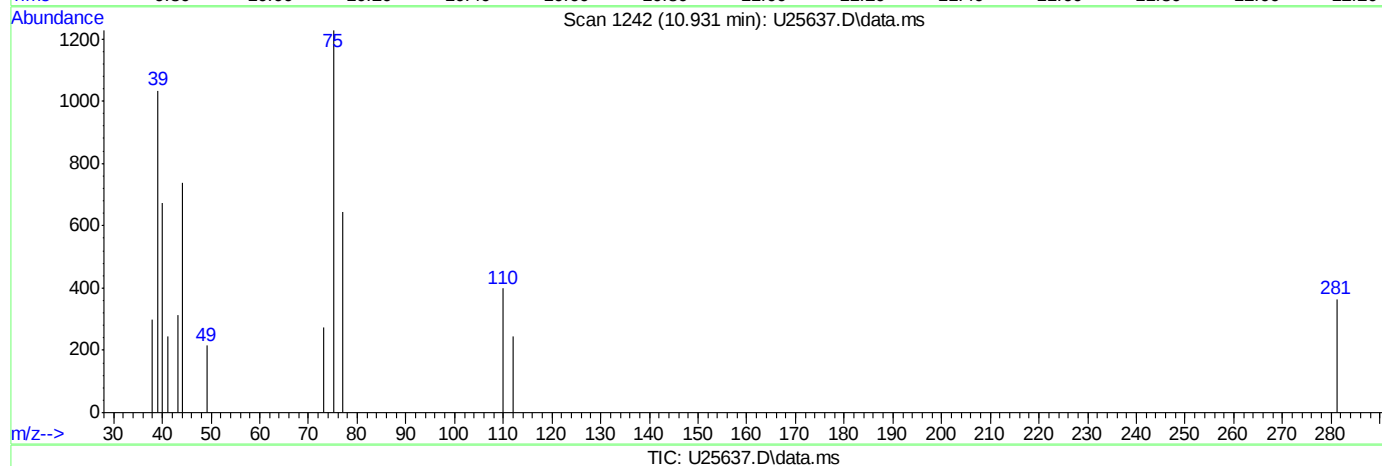
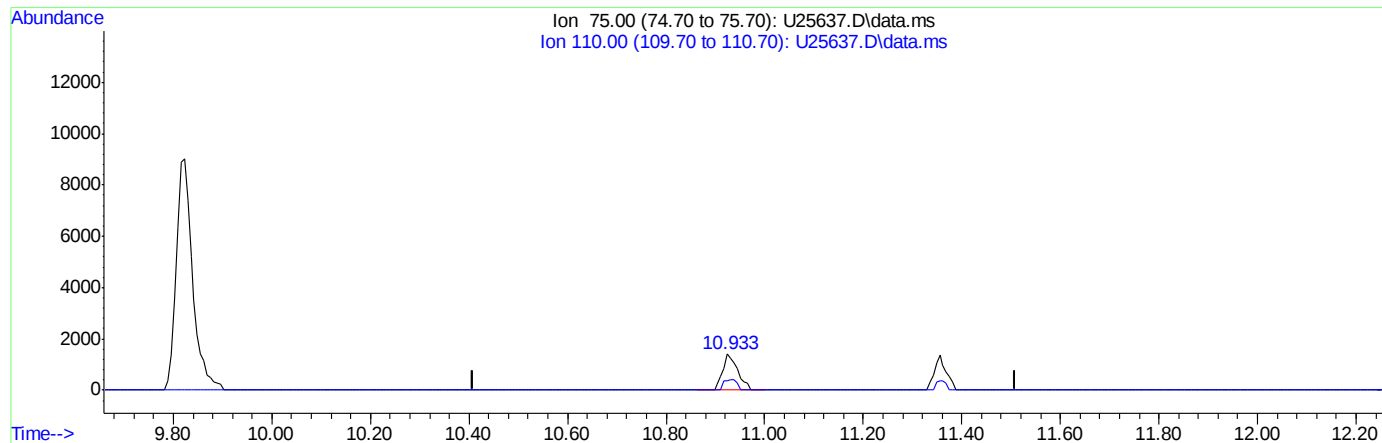
response 0

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

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:00:37 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(59) cis-1,3-dichloropropene (P)

10.931min (+0.012) 0.80ppb m

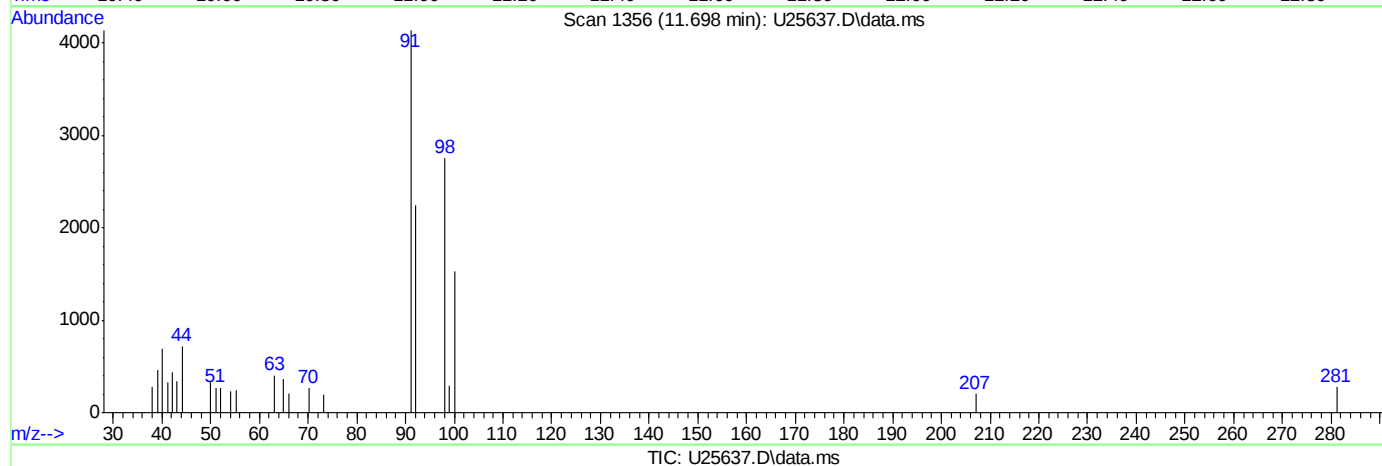
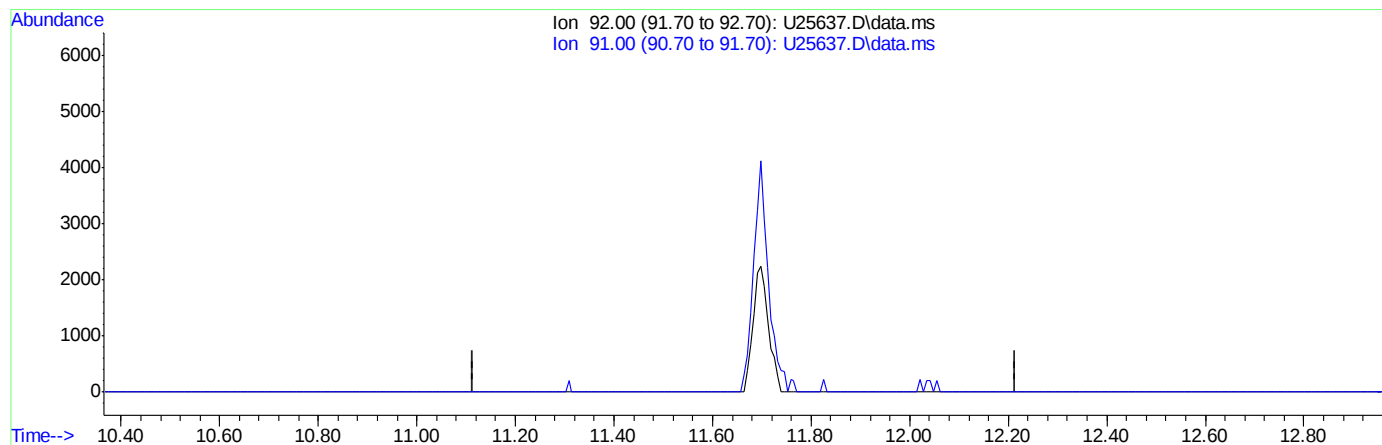
response 2922

Ion	Exp%	Act%
75.00	100	100
110.00	21.50	32.44
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:00:37 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(62) toluene (P)

11.695min (-11.695) 0.00ppb

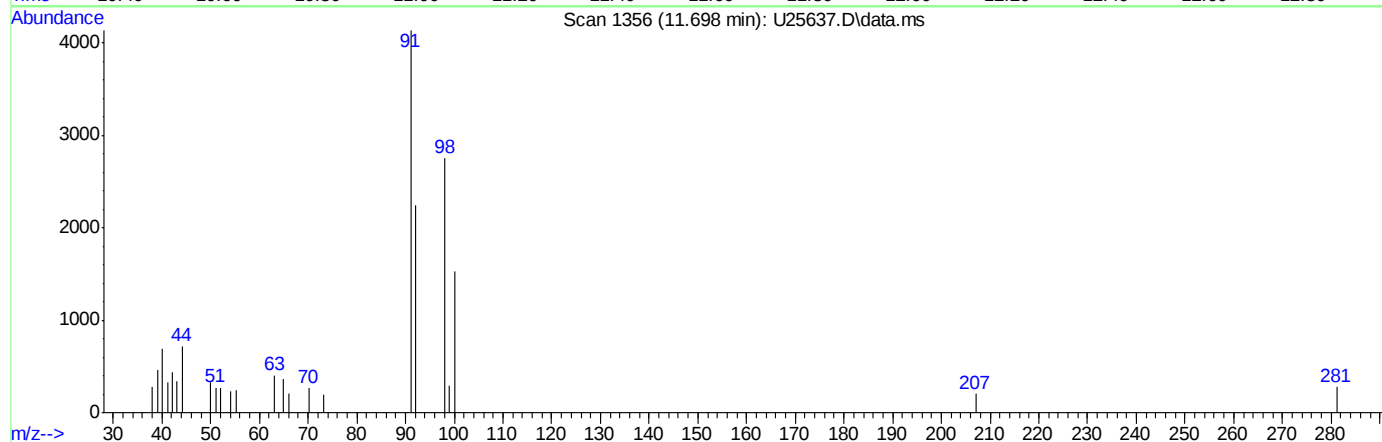
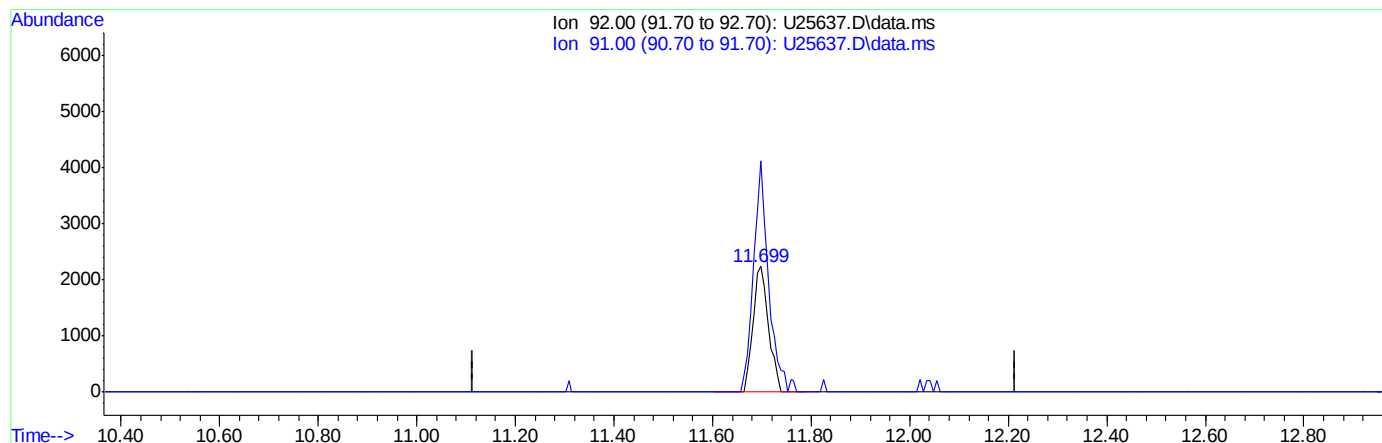
response 0

Ion	Exp%	Act%
92.00	100	0.00
91.00	169.20	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:00:37 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25637.D\data.ms

(62) toluene (P)

11.698min (+0.003) 0.86ppb m

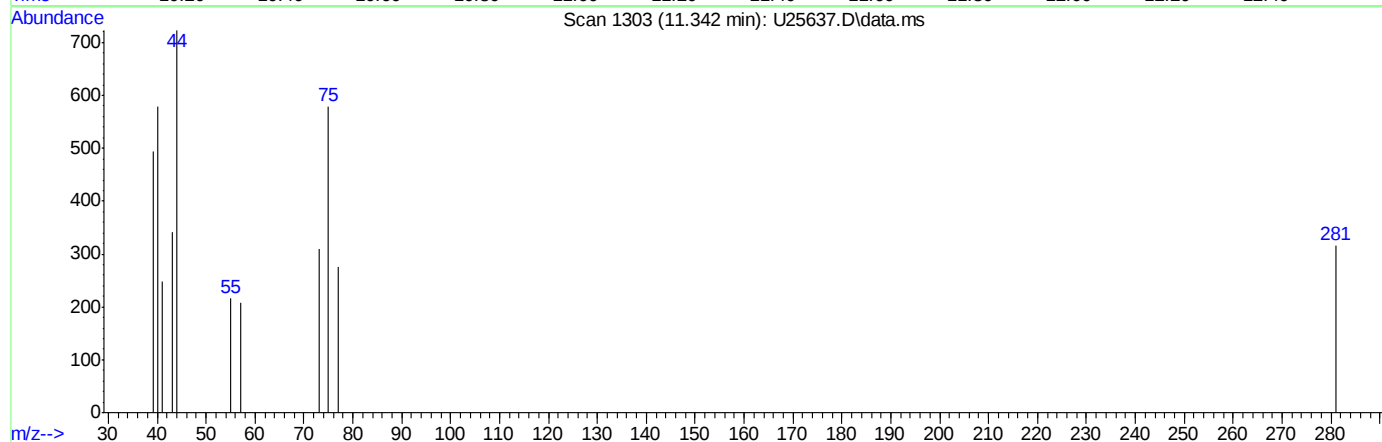
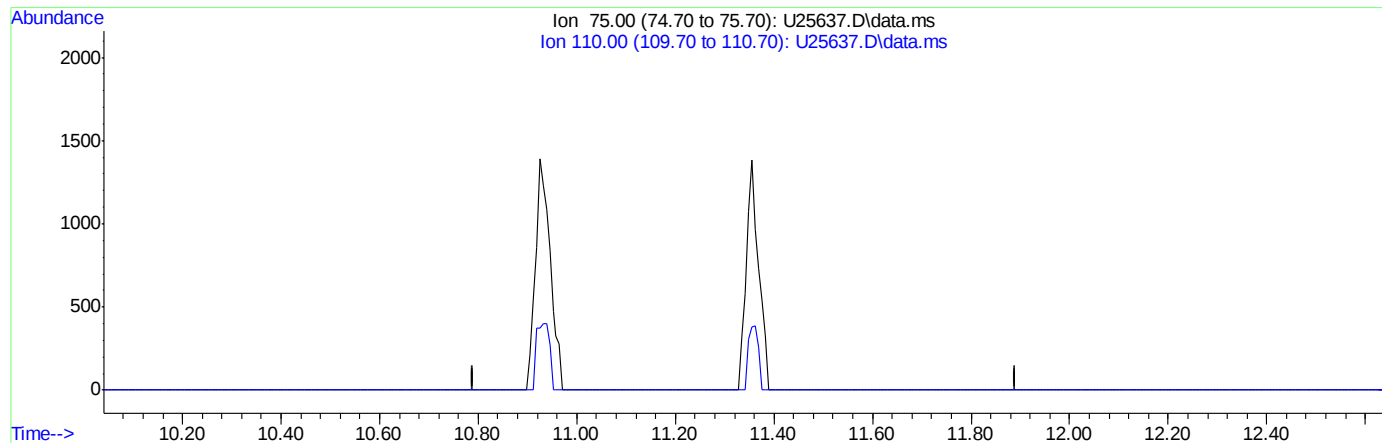
response 4792

Ion	Exp%	Act%
92.00	100	100
91.00	169.20	184.59
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:00:37 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25637.D\data.ms

(63) trans-1,3-dichloropropene (P)

11.340min (-11.340) 0.00ppb

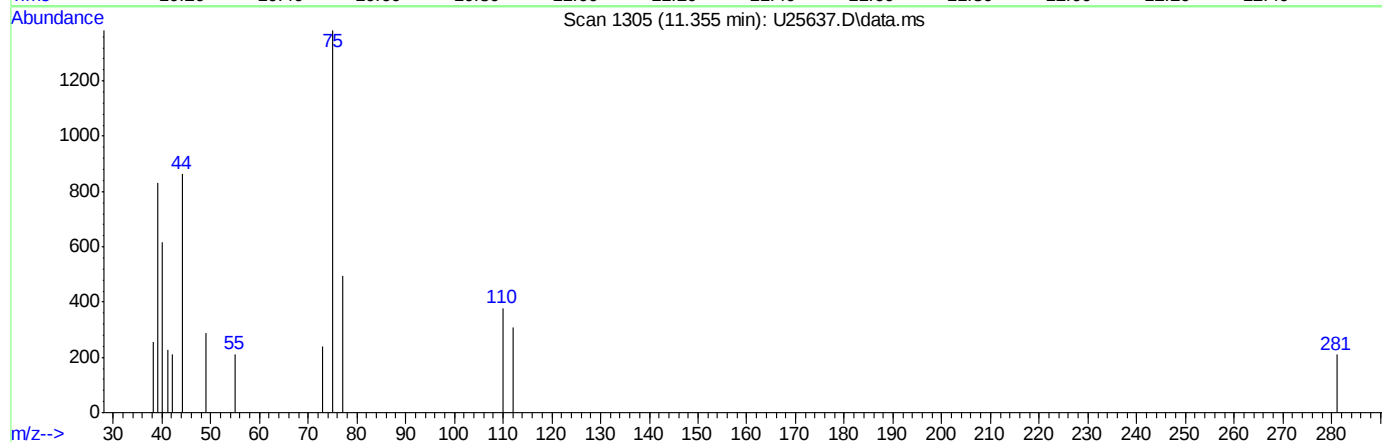
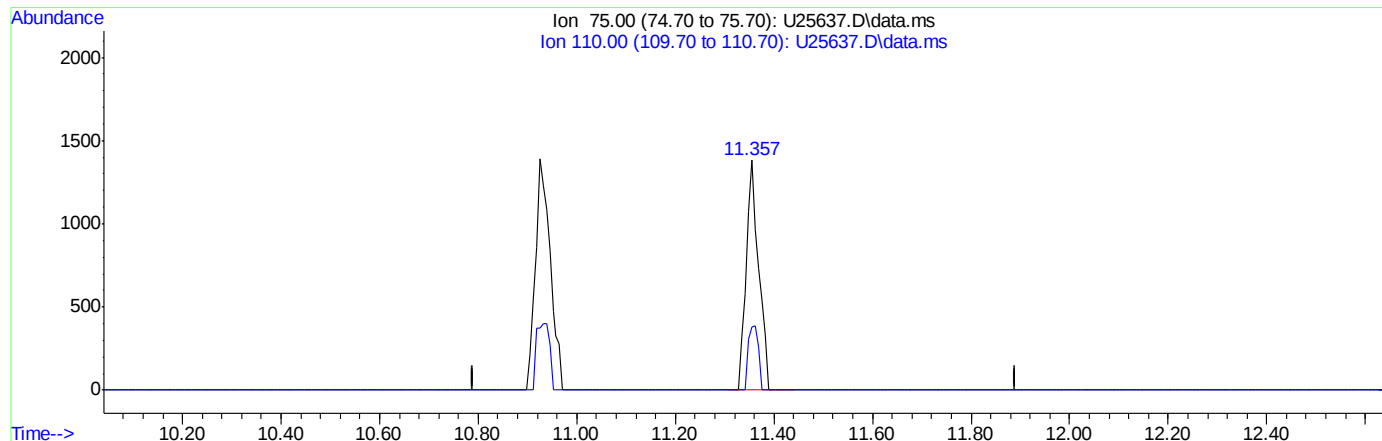
response 0

Ion	Exp%	Act%
75.00	100	0.00
110.00	26.20	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:00:37 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25637.D\data.ms

(63) trans-1,3-dichloropropene (P)

11.355min (+0.015) 0.78ppb m

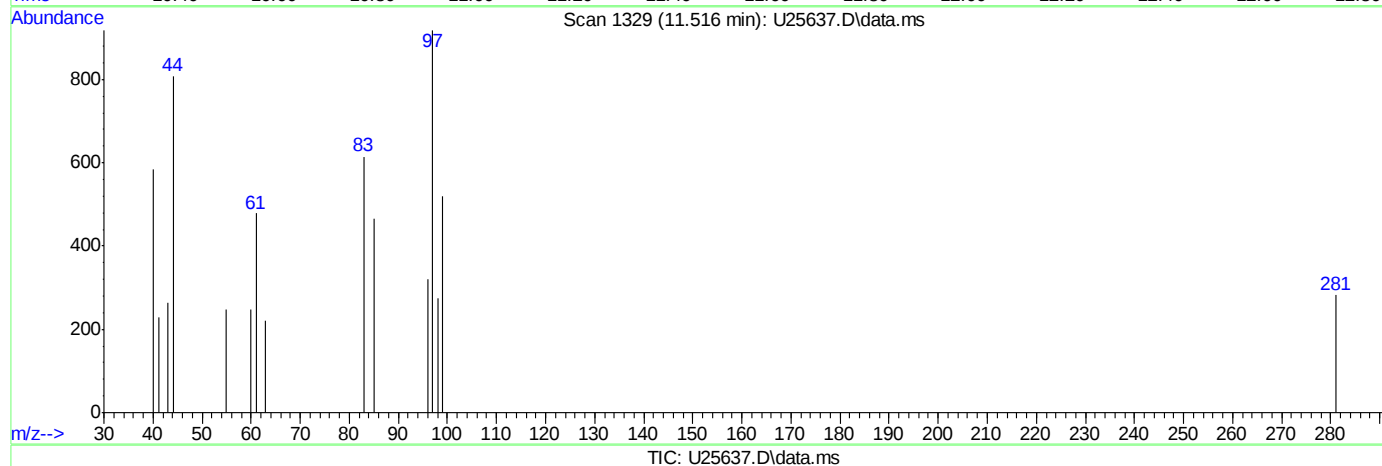
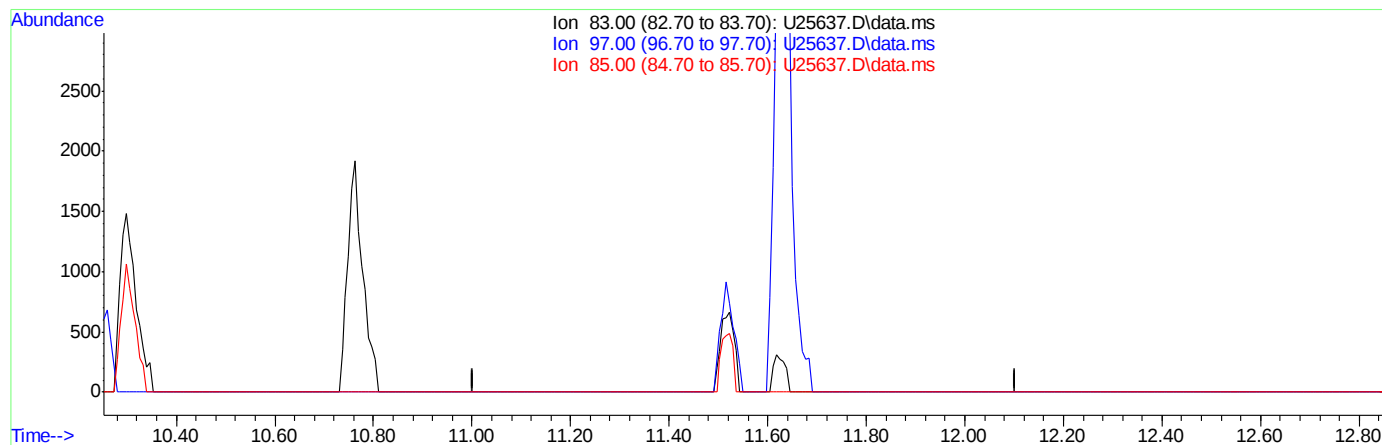
response 2390

Ion	Exp%	Act%
75.00	100	100
110.00	26.20	27.33
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:00:37 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(64) 1,1,2-trichloroethane (P)

11.513min (-11.513) 0.00ppb

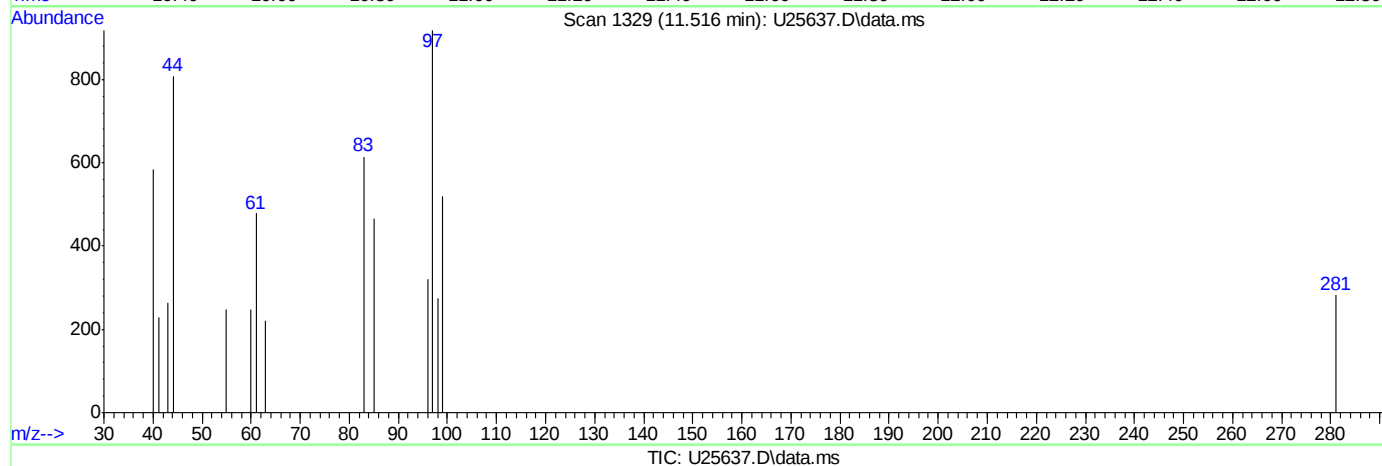
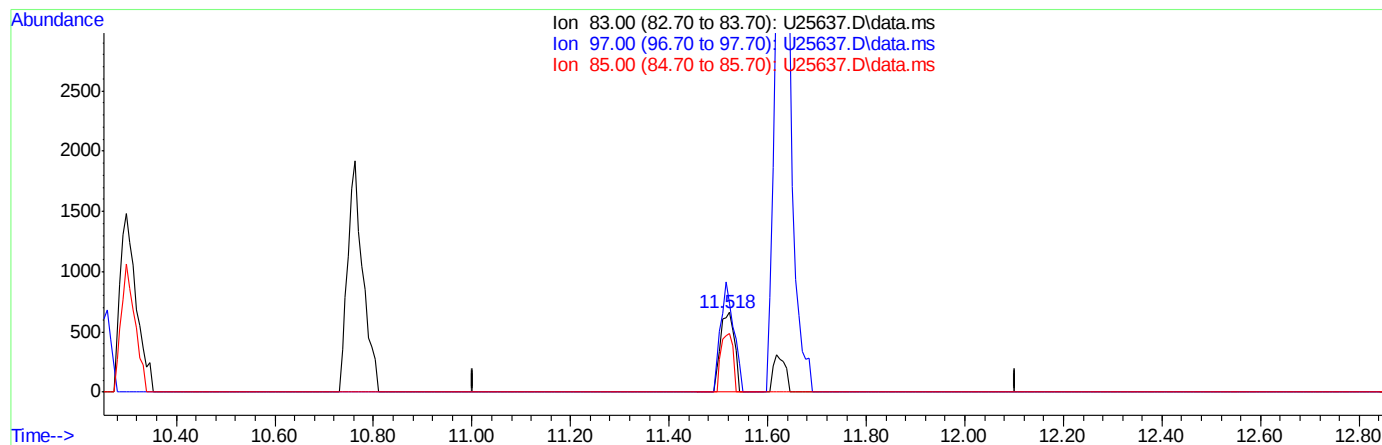
response 0

Ion	Exp%	Act%
83.00	100	0.00
97.00	117.00	0.00#
85.00	65.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:00:37 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(64) 1,1,2-trichloroethane (P)

11.516min (+0.003) 0.79ppb m

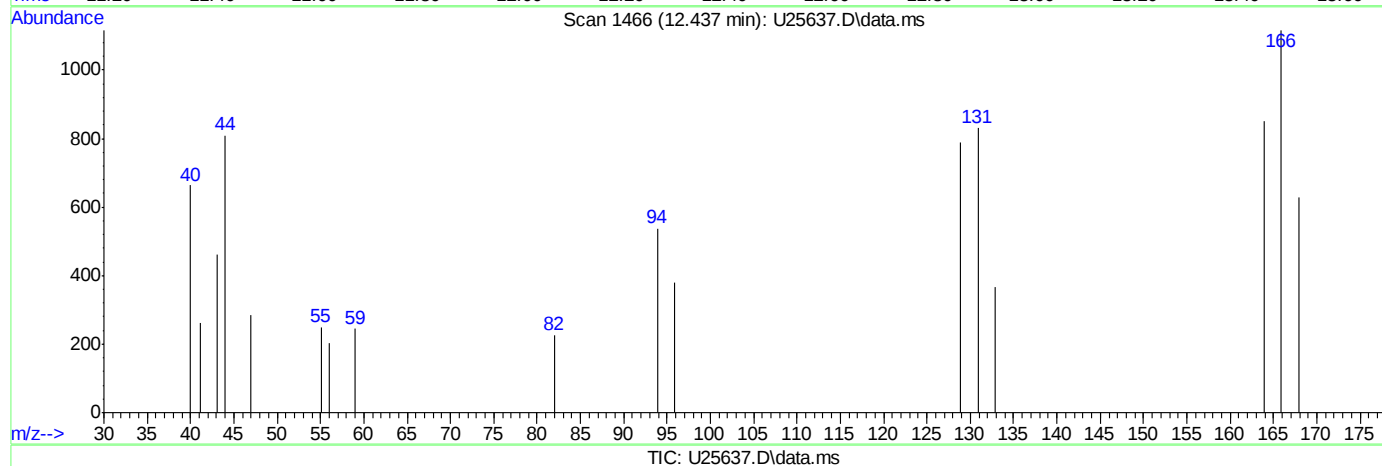
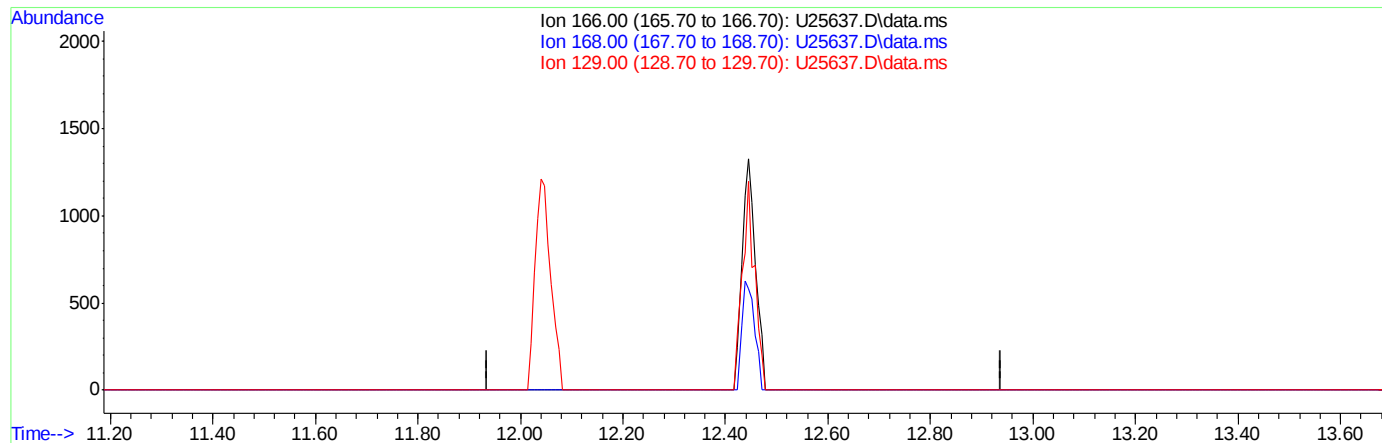
response 1329

Ion	Exp%	Act%
83.00	100	100
97.00	117.00	149.51#
85.00	65.00	75.90
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:00:37 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(67) tetrachloroethene (P)

12.437min (-12.437) 0.00ppb

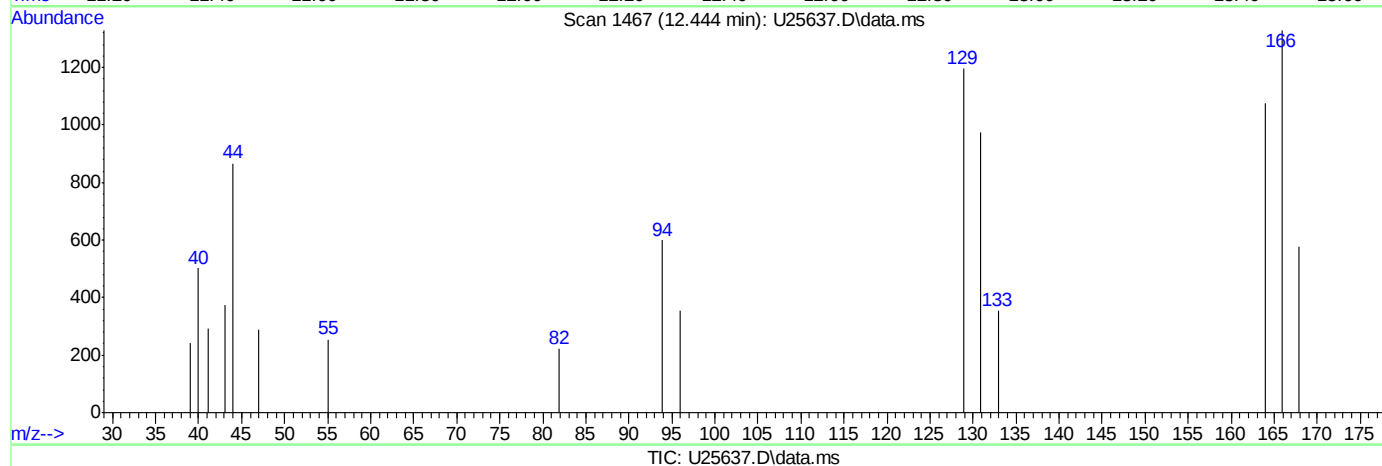
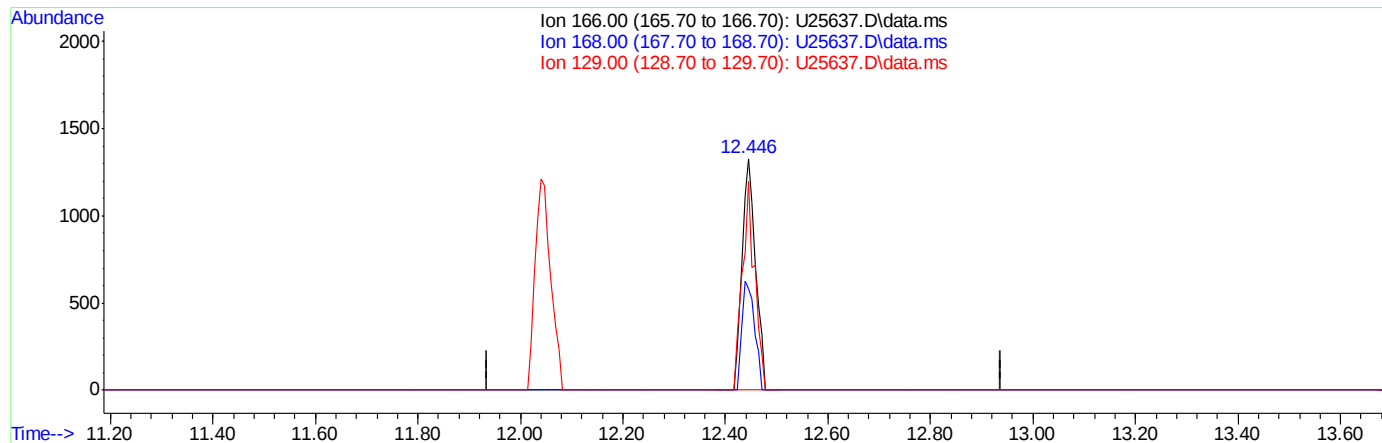
response 0

Ion	Exp%	Act%
166.00	100	0.00
168.00	49.20	0.00#
129.00	73.80	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:00:37 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(67) tetrachloroethene (P)

12.444min (+0.007) 0.95ppb m

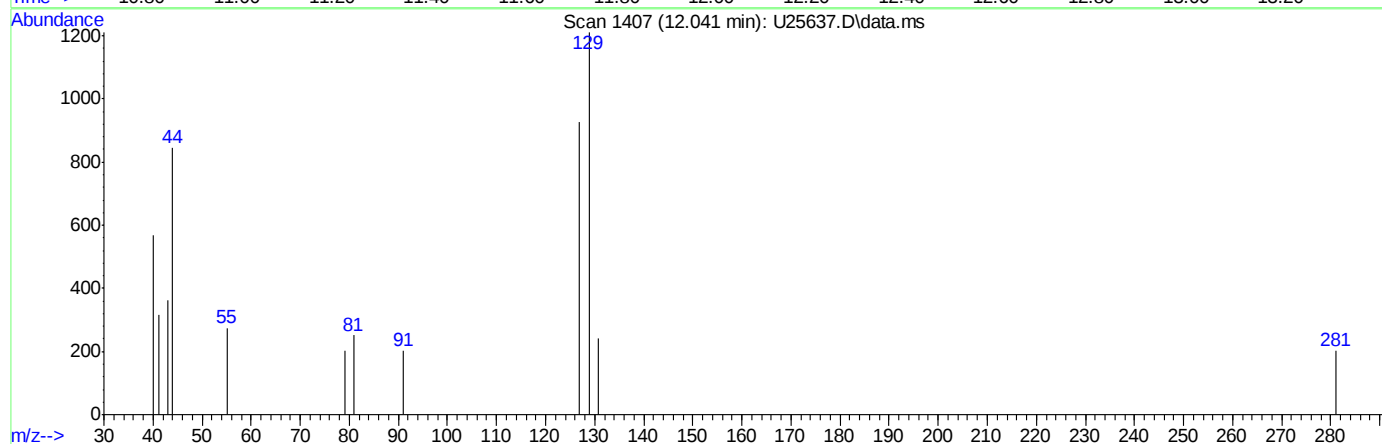
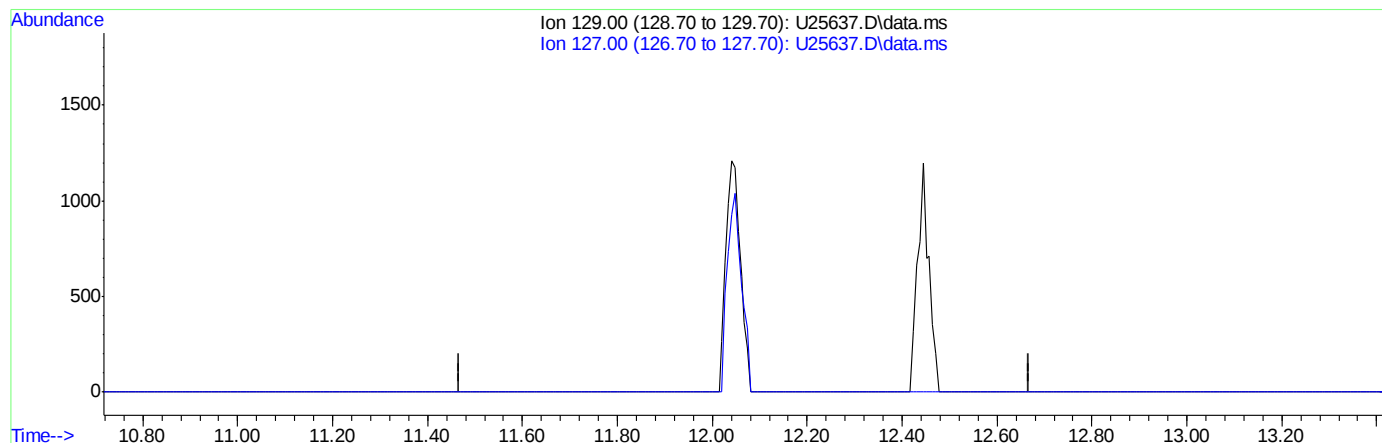
response 2430

Ion	Exp%	Act%
166.00	100	100
168.00	49.20	43.49
129.00	73.80	89.99
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:00:37 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25637.D\data.ms

(69) dibromochloromethane (P)

12.038min (-12.038) 0.00ppb

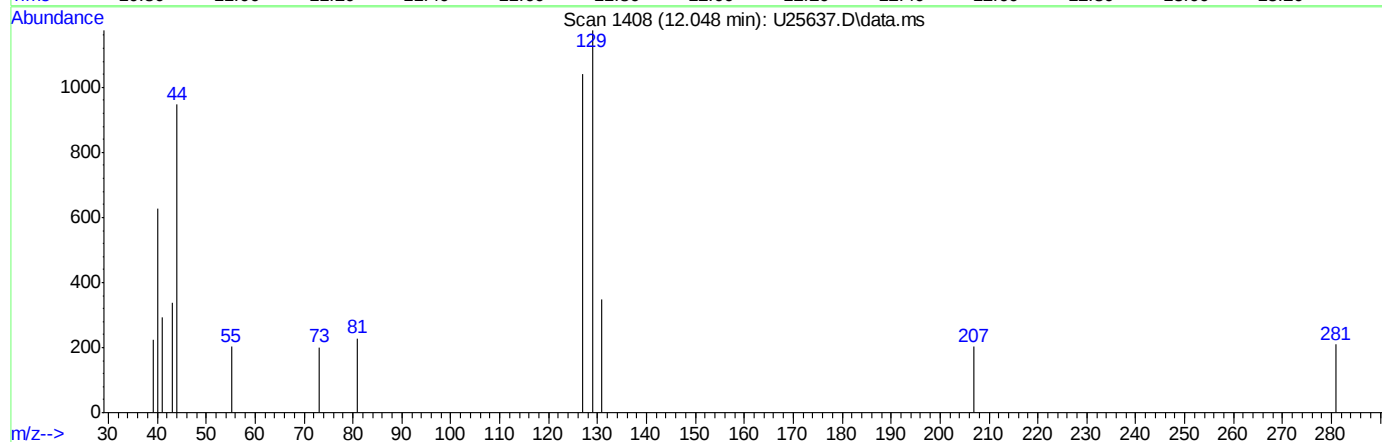
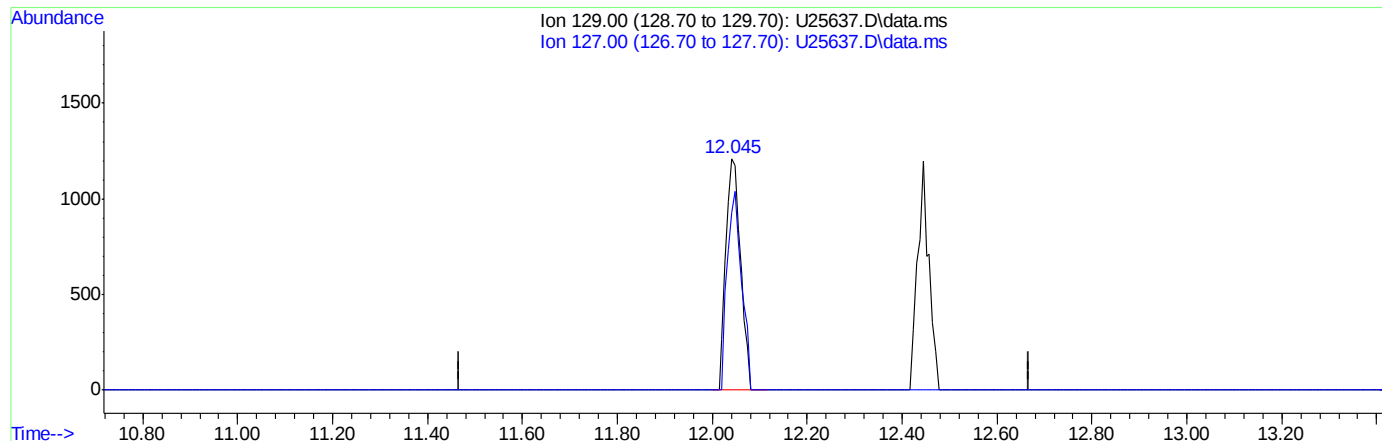
response 0

Ion	Exp%	Act%
129.00	100	0.00
127.00	79.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:00:37 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25637.D\data.ms

(69) dibromochloromethane (P)

12.048min (+0.010) 0.87ppb m

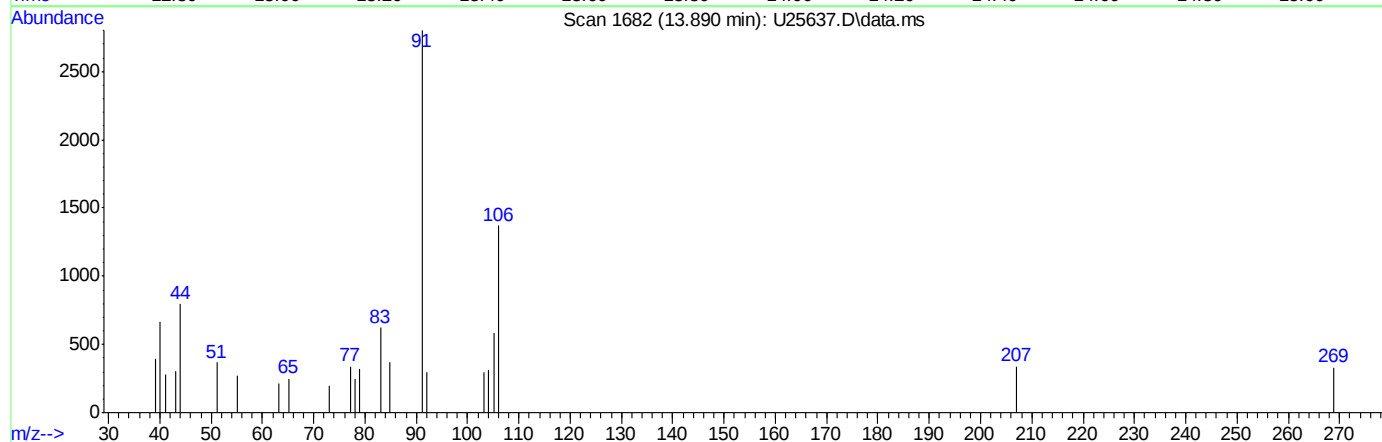
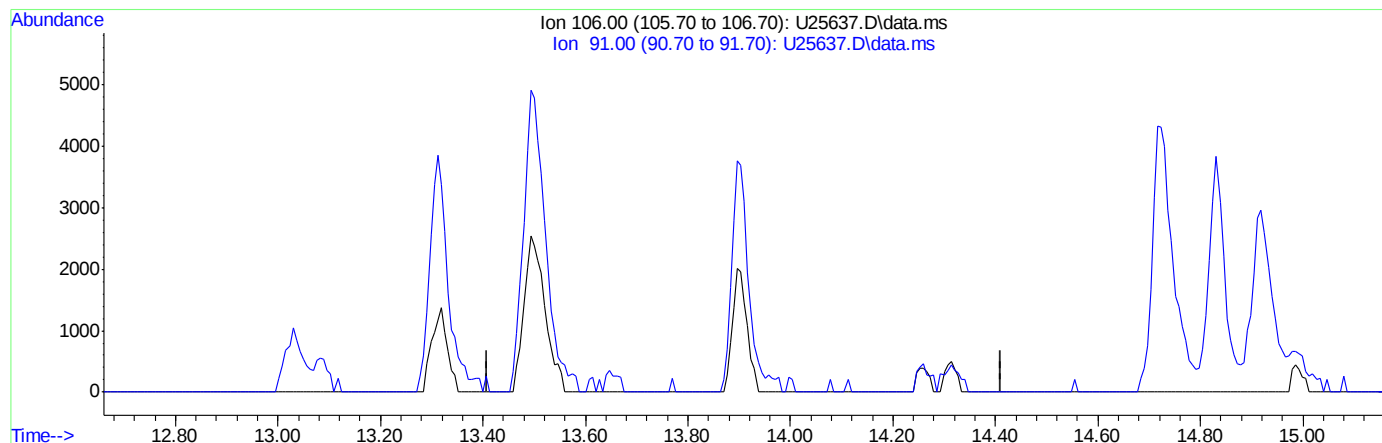
response 2563

Ion	Exp%	Act%
129.00	100	100
127.00	79.70	88.51
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:00:37 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25637.D\data.ms

(76) o-xylene (P)

13.890min (-13.890) 0.00ppb

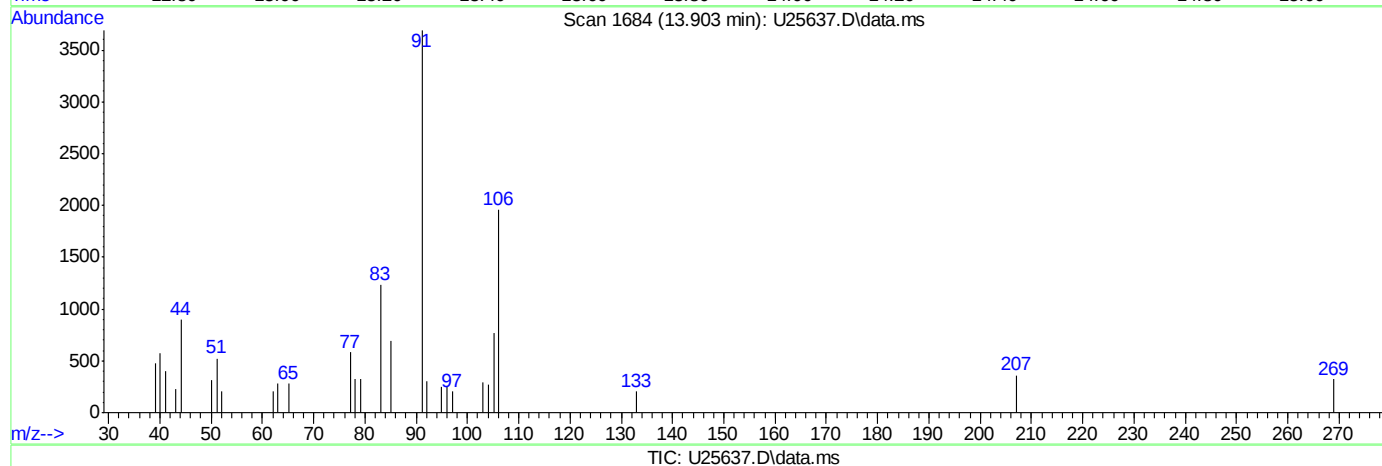
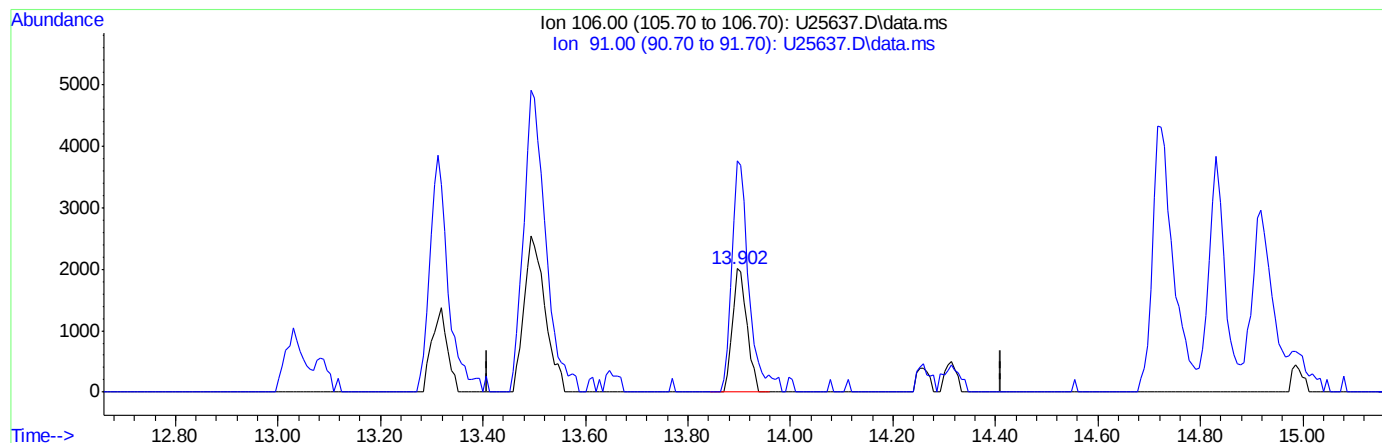
response 0

Ion	Exp%	Act%
106.00	100	0.00
91.00	218.50	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:00:37 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(76) o-xylene (P)

13.903min (+0.013) 0.93ppb m

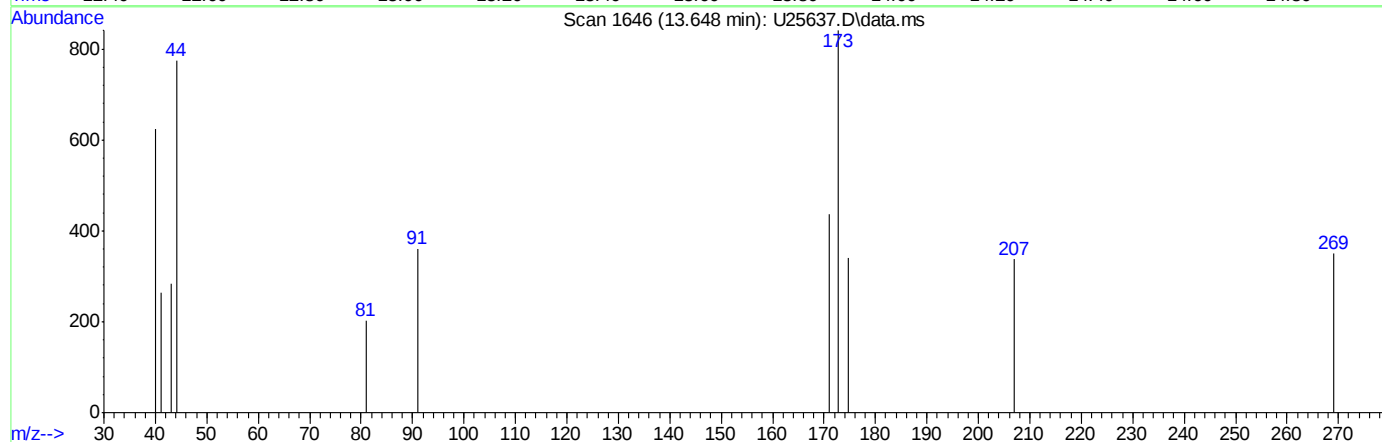
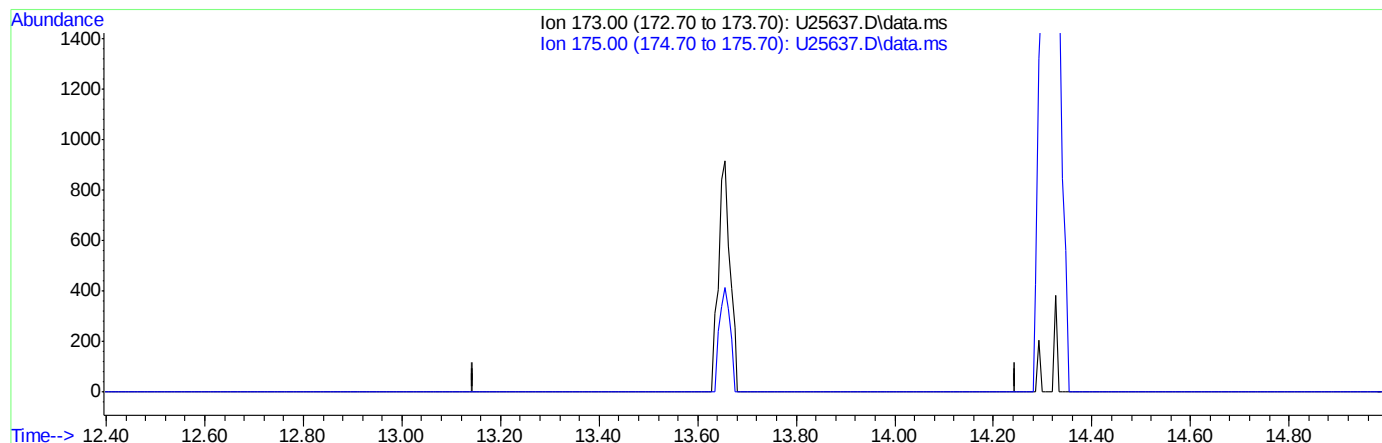
response 3995

Ion	Exp%	Act%
106.00	100	100
91.00	218.50	188.60
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:00:37 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25637.D\data.ms

(78) bromoform (P)

13.645min (-13.645) 0.00ppb

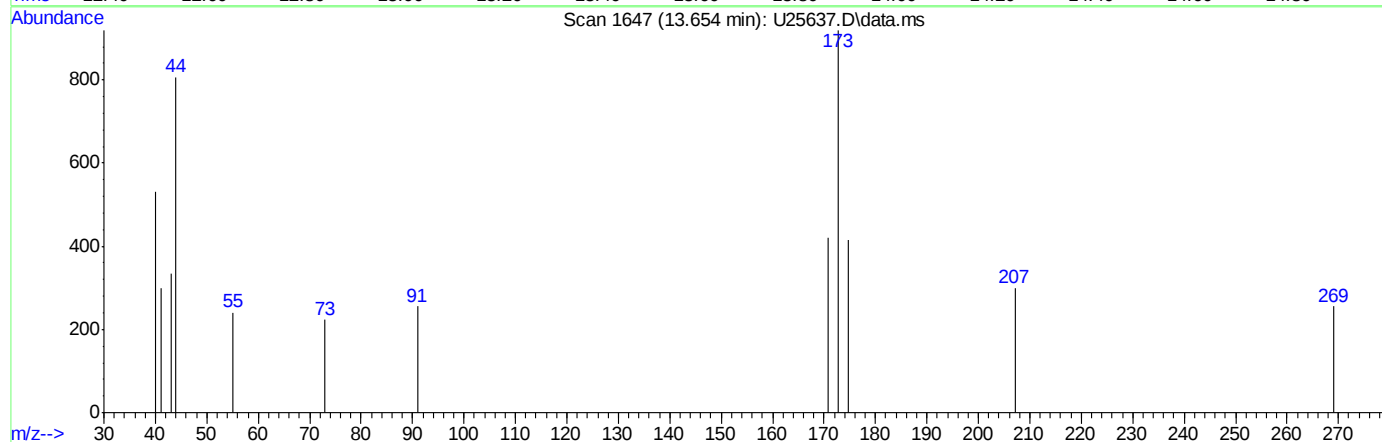
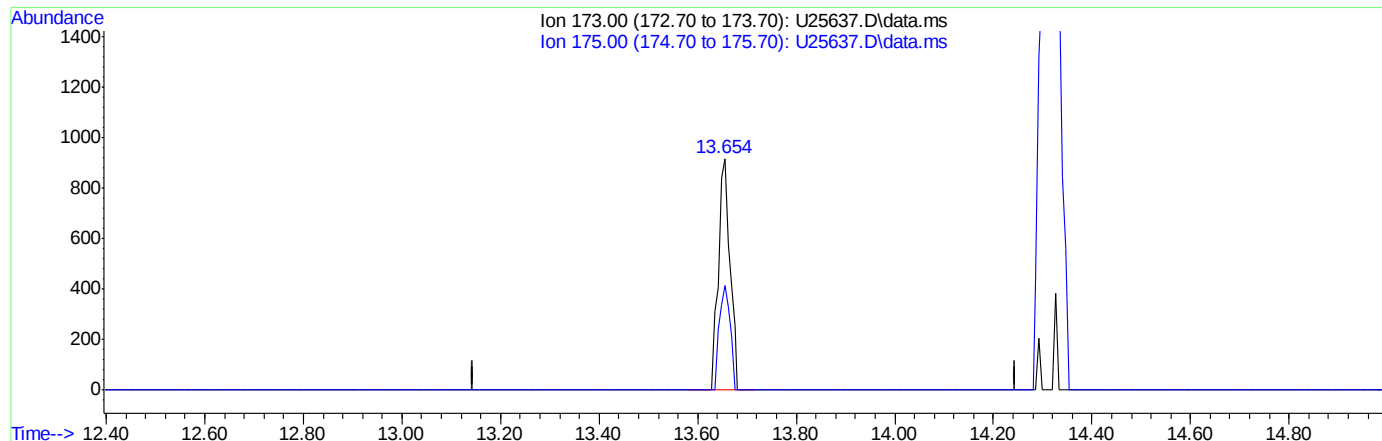
response 0

Ion	Exp%	Act%
173.00	100	0.00
175.00	48.60	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:00:37 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25637.D\data.ms

(78) bromoform (P)

13.654min (+0.009) 0.83ppb m

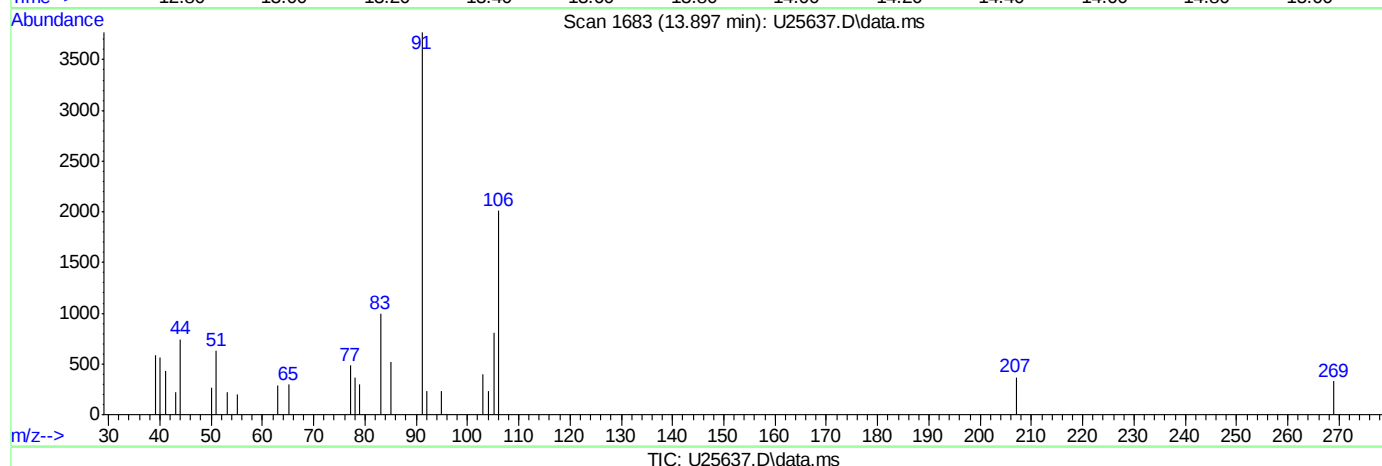
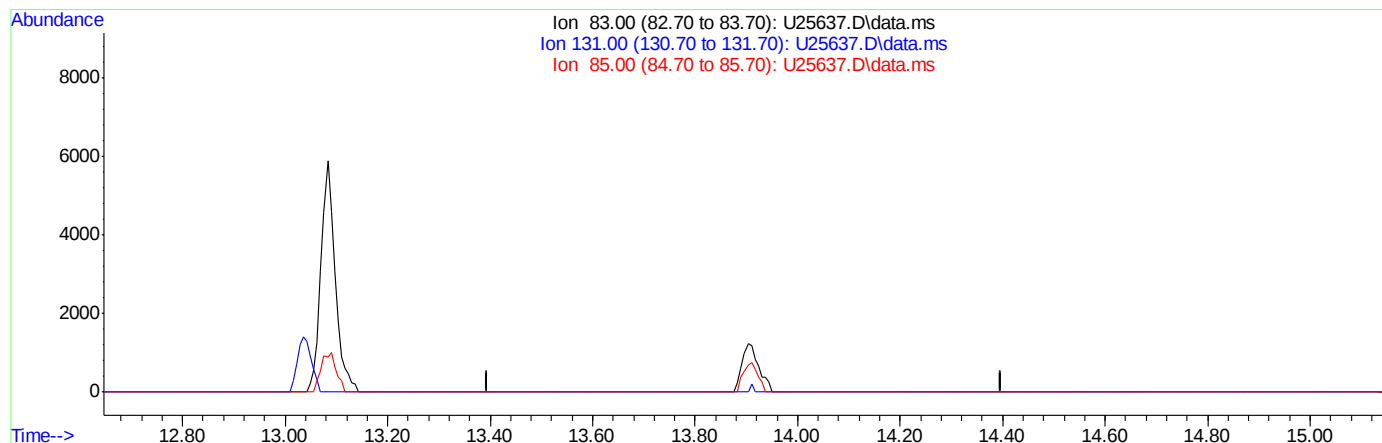
response 1504

Ion	Exp%	Act%
173.00	100	100
175.00	48.60	45.27
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:00:37 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(84) 1,1,2,2-tetrachloroethane (P)

13.897min (-13.897) 0.00ppb

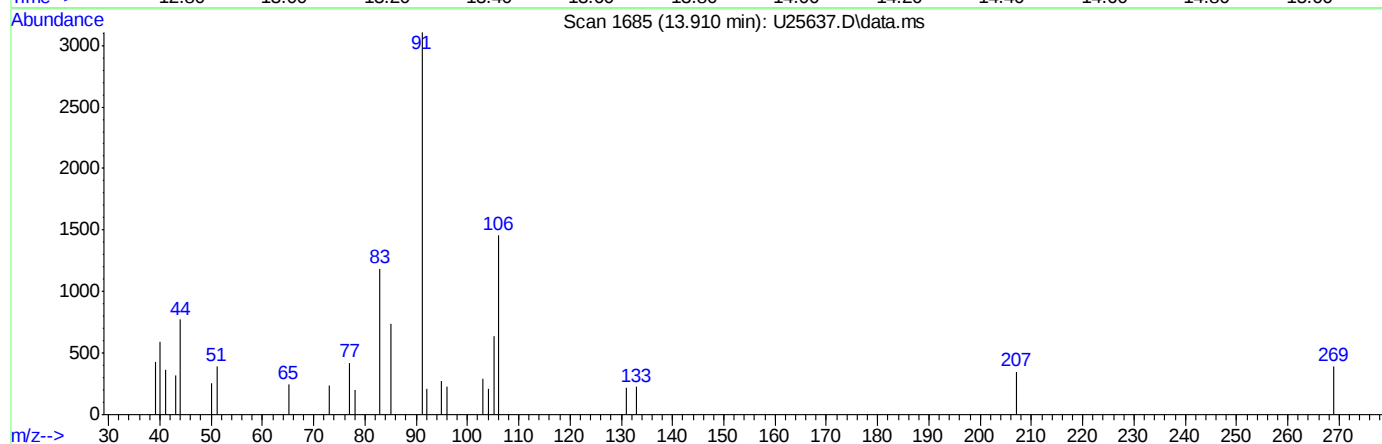
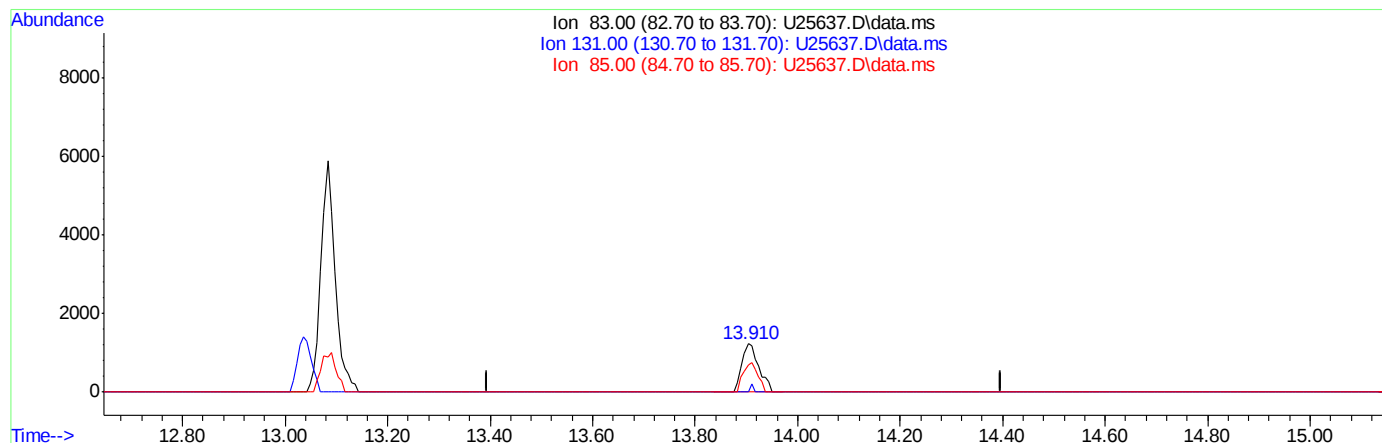
response 0

Ion	Exp%	Act%
83.00	100	0.00
131.00	10.80	0.00
85.00	64.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:00:37 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25637.D\data.ms

(84) 1,1,2,2-tetrachloroethane (P)

13.910min (+0.013) 0.91ppb m

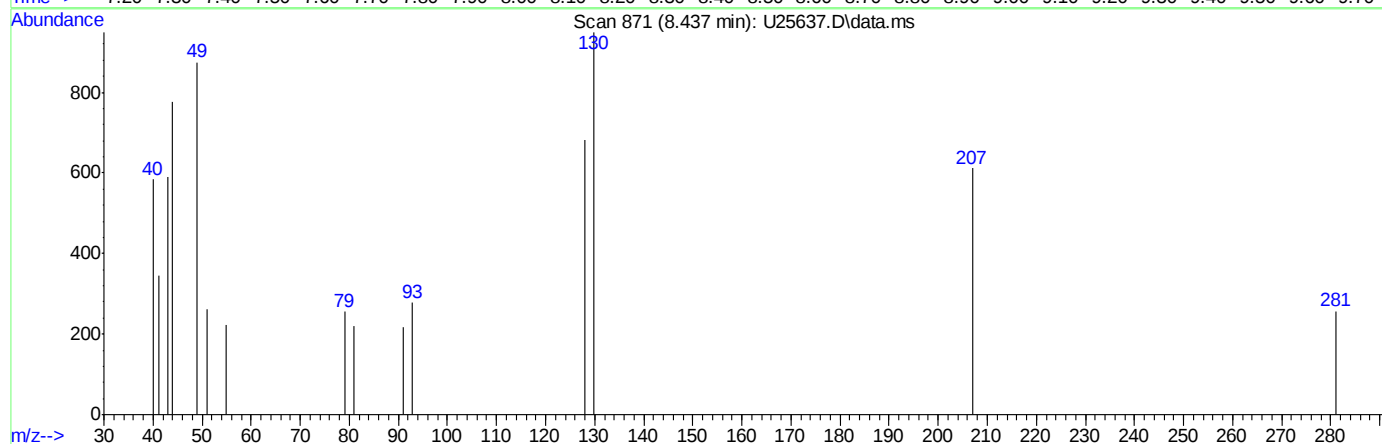
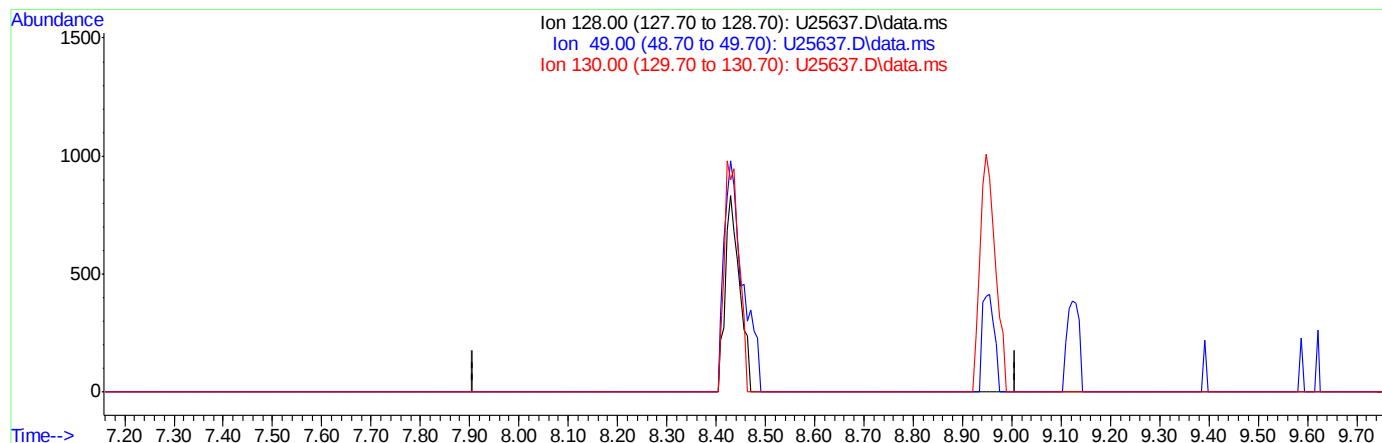
response 2735

Ion	Exp%	Act%
83.00	100	100
131.00	10.80	18.53
85.00	64.60	62.34
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:05:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25637.D\data.ms

(38) bromochloromethane (P)

8.438min (-8.438) 0.00ppb

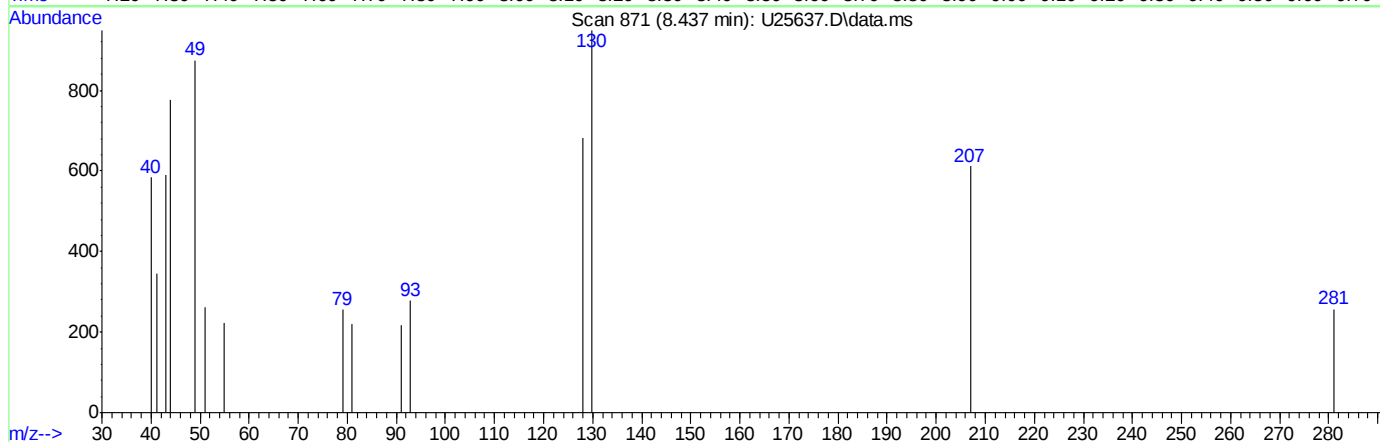
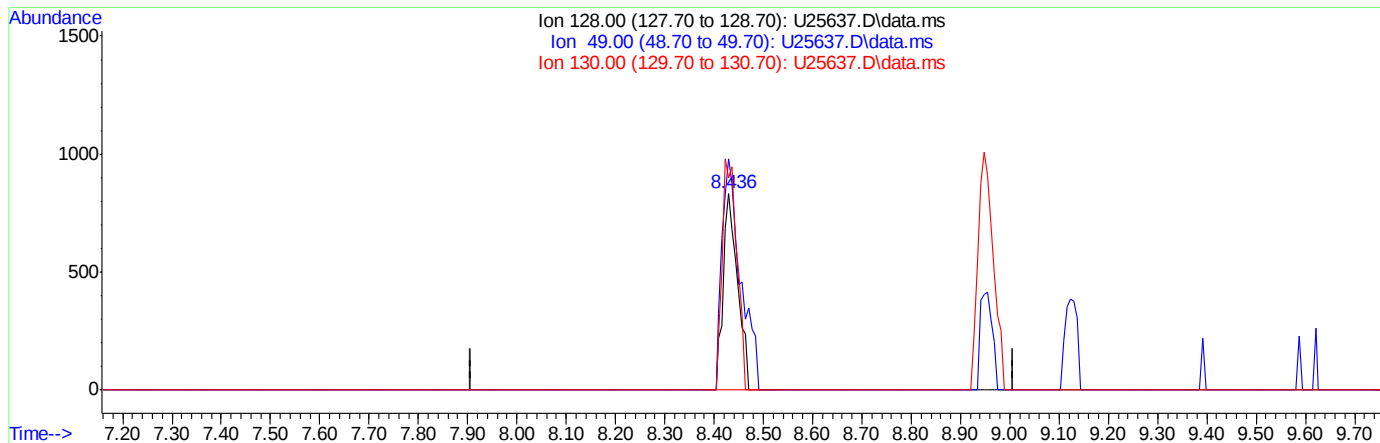
response 0

Ion	Exp%	Act%
128.00	100	0.00
49.00	252.30	0.00#
130.00	126.50	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:05:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25637.D\data.ms

(38) bromochloromethane (P)

8.437min (-0.001) 0.84ppb m

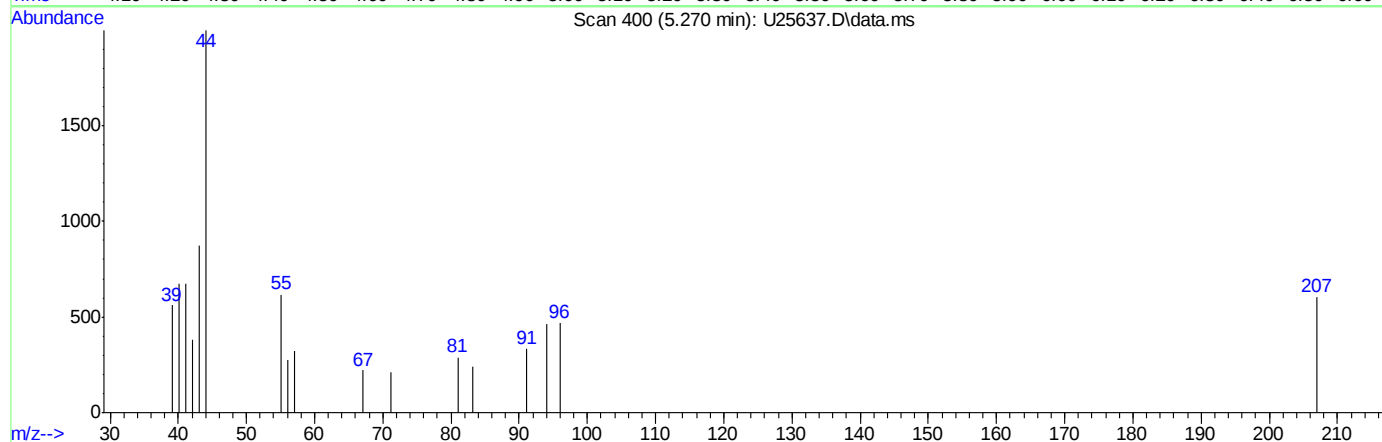
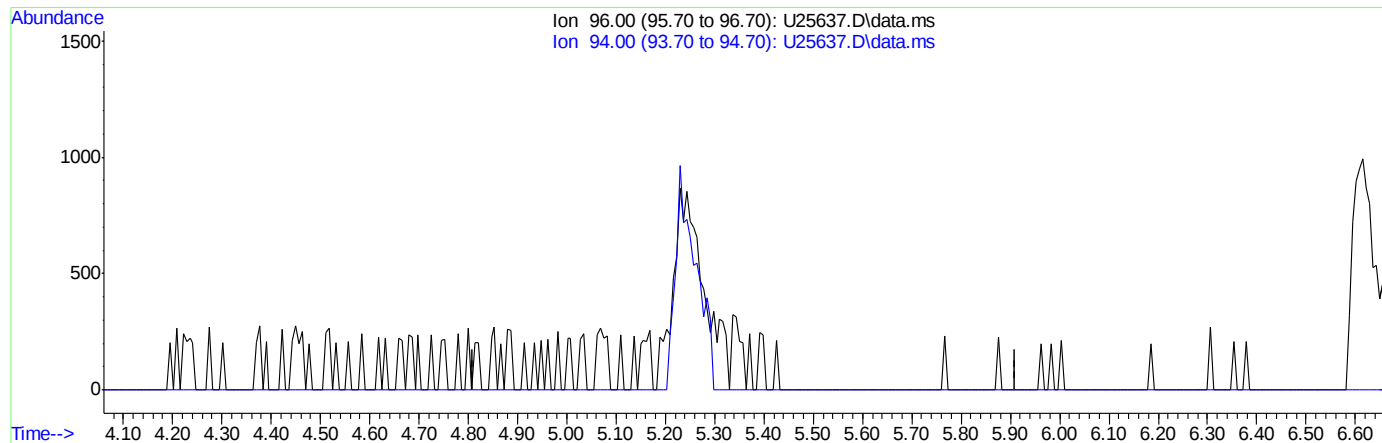
response 1679

Ion	Exp%	Act%
128.00	100	100
49.00	252.30	128.30#
130.00	126.50	139.15
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:05:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25637.D\data.ms

(8) bromomethane (P)

5.271min (-5.271) 0.00ppb

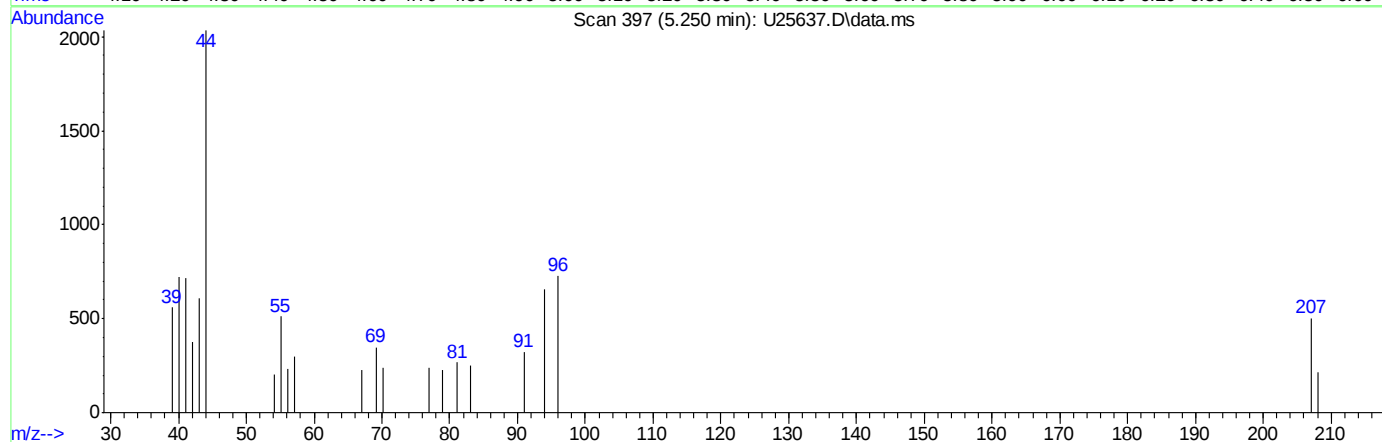
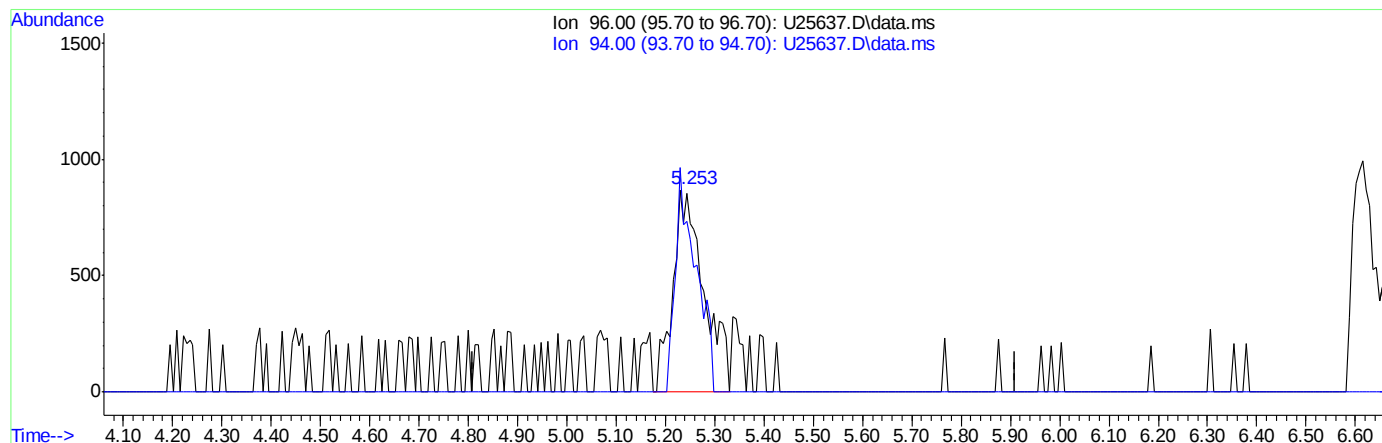
response 0

Ion	Exp%	Act%
96.00	100	0.00
94.00	107.40	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:05:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25637.D\data.ms

(8) bromomethane (P)

5.250min (-0.021) 1.32ppb m

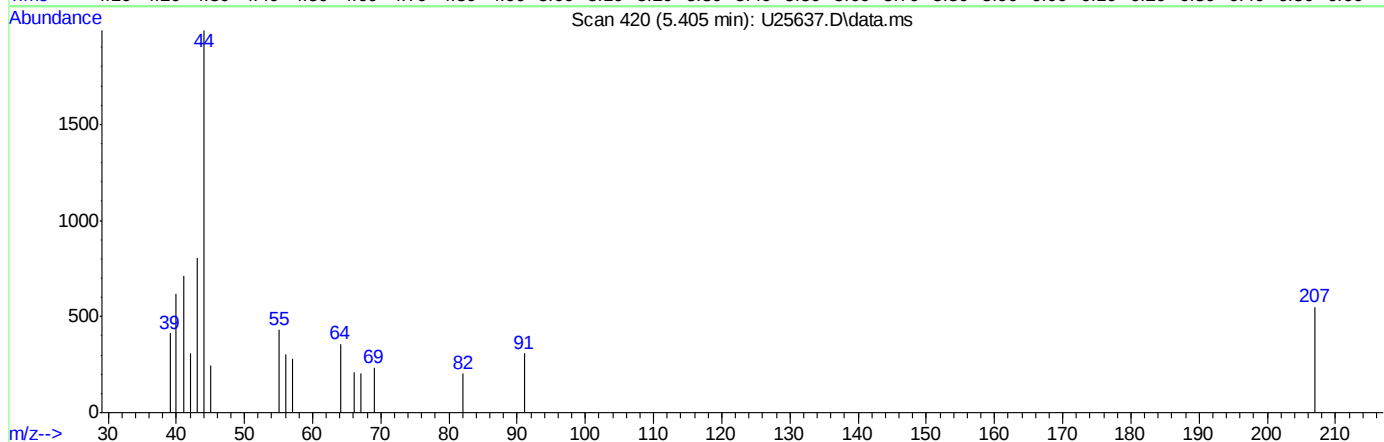
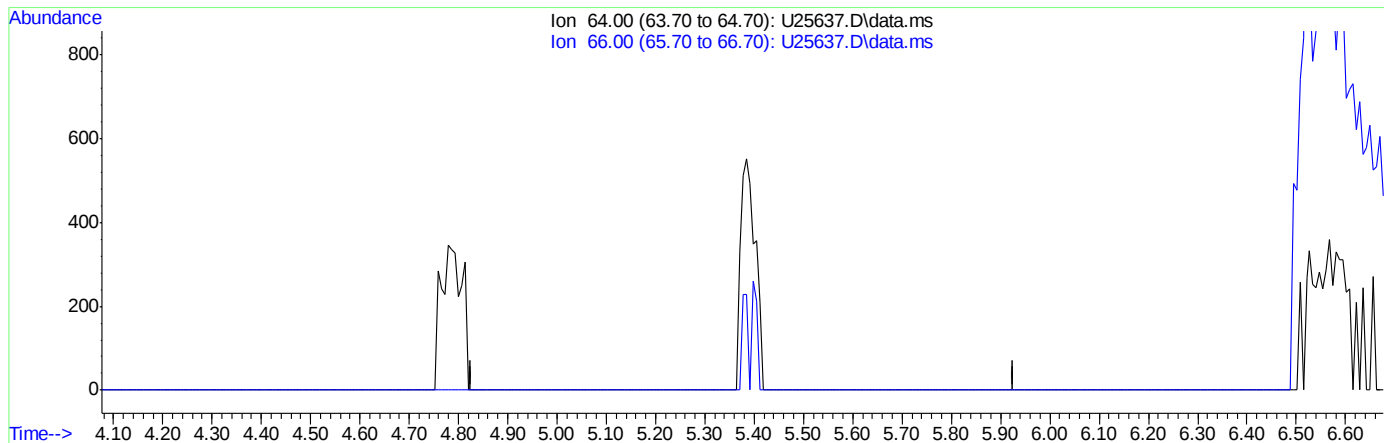
response 3793

Ion	Exp%	Act%
96.00	100	100
94.00	107.40	90.76
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:05:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25637.D\data.ms

(9) chloroethane (P)

5.406min (-5.406) 0.00ppb

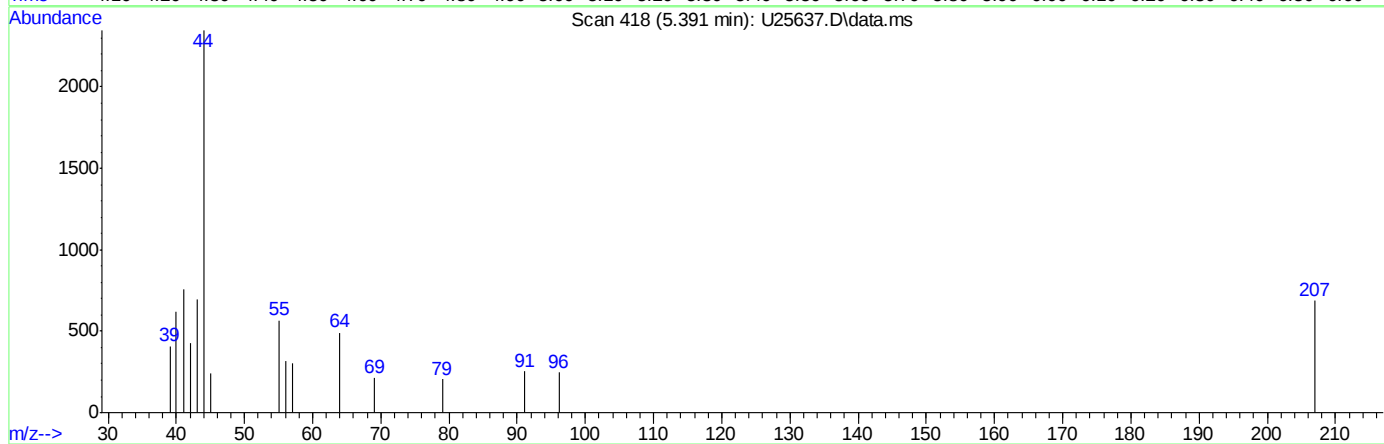
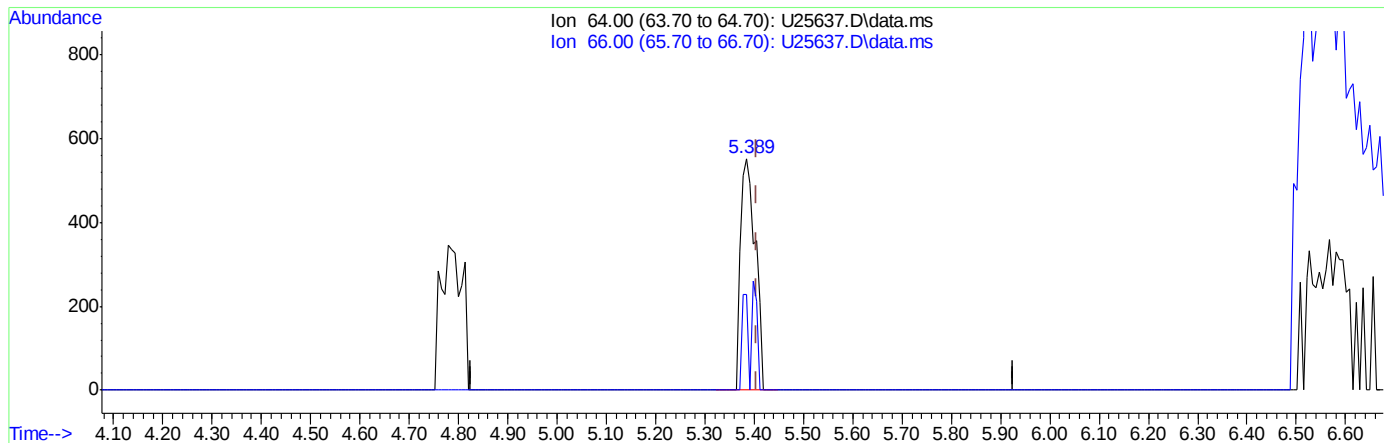
response 0

Ion	Exp%	Act%
64.00	100	0.00
66.00	30.10	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:05:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25637.D\data.ms

(9) chloroethane (P)

5.391min (-0.015) 0.69ppb m

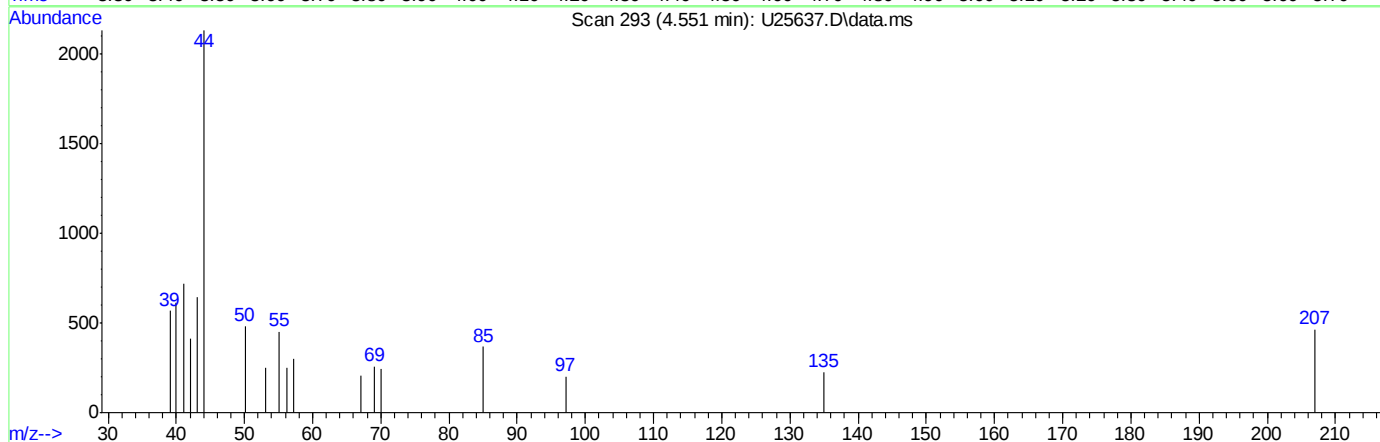
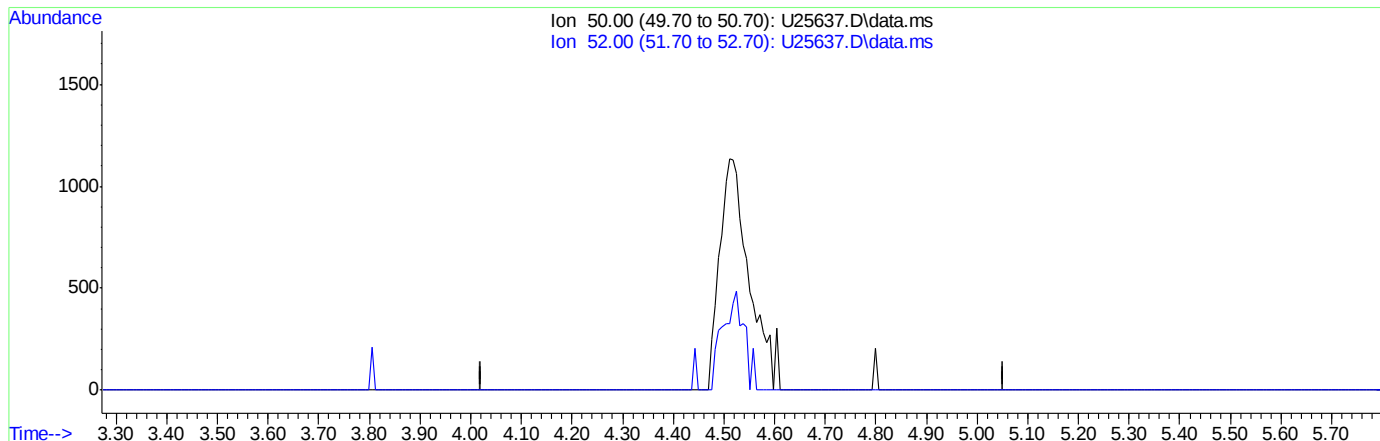
response 1131

Ion	Exp%	Act%
64.00	100	100
66.00	30.10	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:05:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25637.D\data.ms

(6) chloromethane (P)

4.552min (-4.552) 0.00ppb

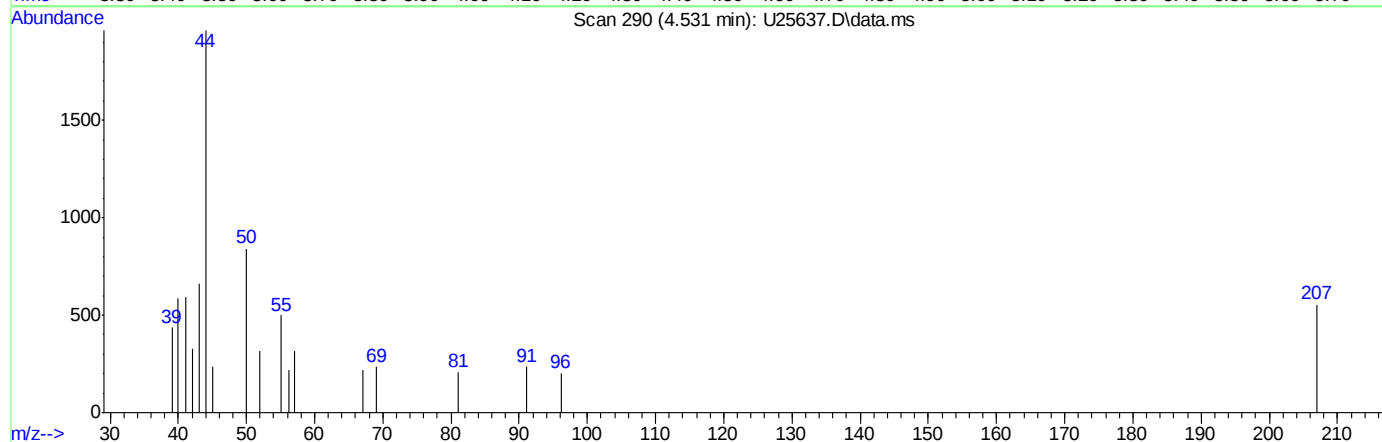
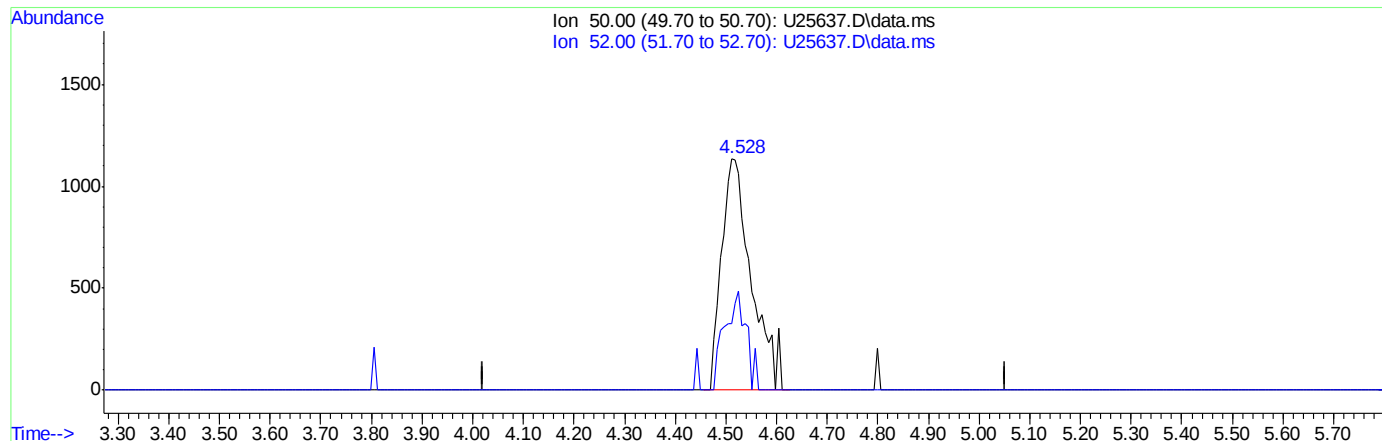
response 0

Ion	Exp%	Act%
50.00	100	0.00
52.00	32.60	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:05:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25637.D\data.ms

(6) chloromethane (P)

4.531min (-0.021) 0.91ppb m

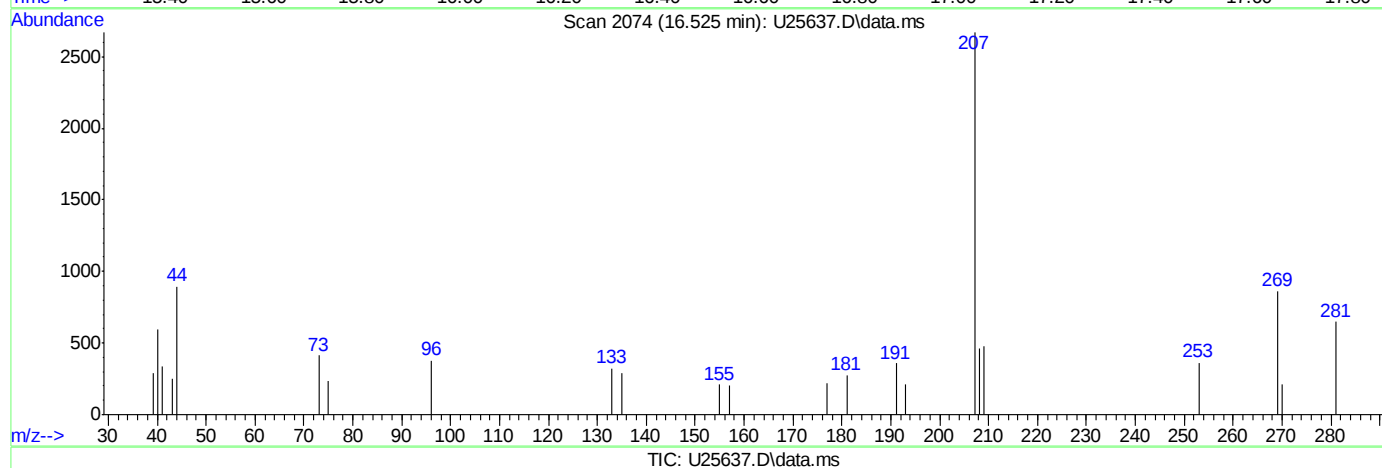
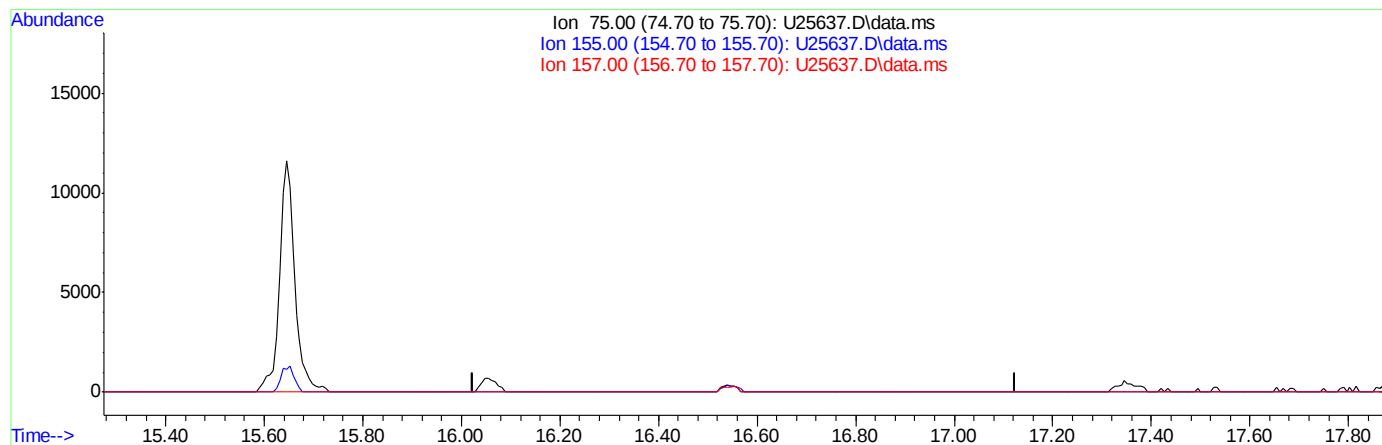
response 4573

Ion	Exp%	Act%
50.00	100	100
52.00	32.60	37.34
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:05:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(98) 1,2-dibromo-3-chloropropane (P)

16.525min (-16.525) 0.00ppb

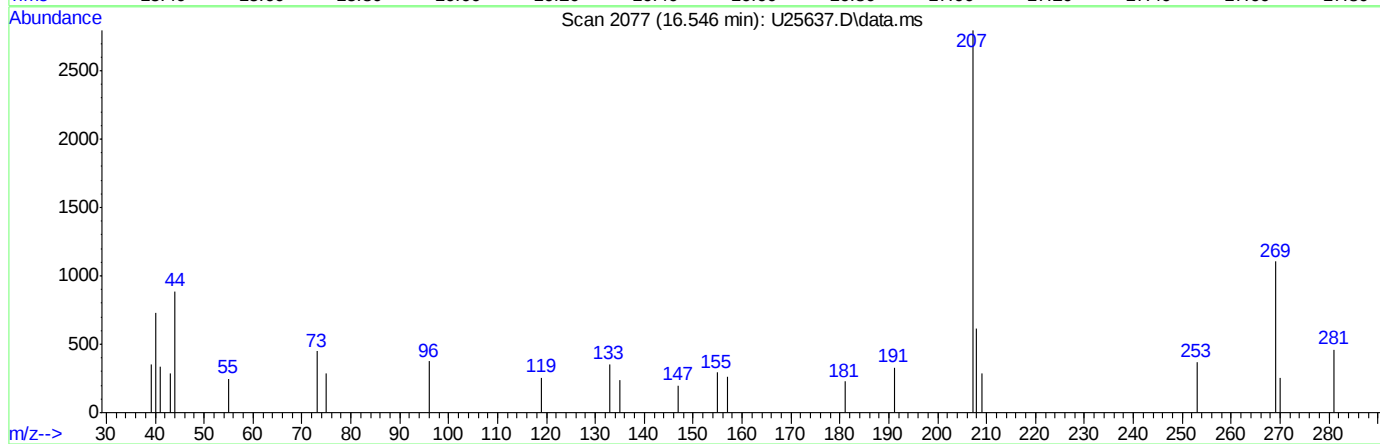
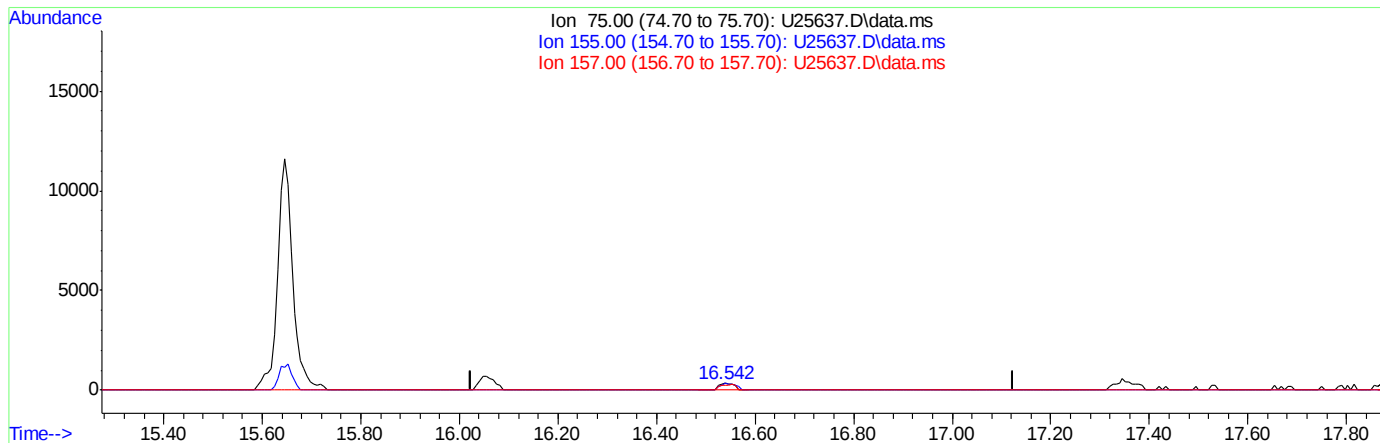
response 0

Ion	Exp%	Act%
75.00	100	0.00
155.00	80.80	0.00#
157.00	117.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:05:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25637.D\data.ms

(98) 1,2-dibromo-3-chloropropane (P)

16.546min (+0.021) 0.84ppb m

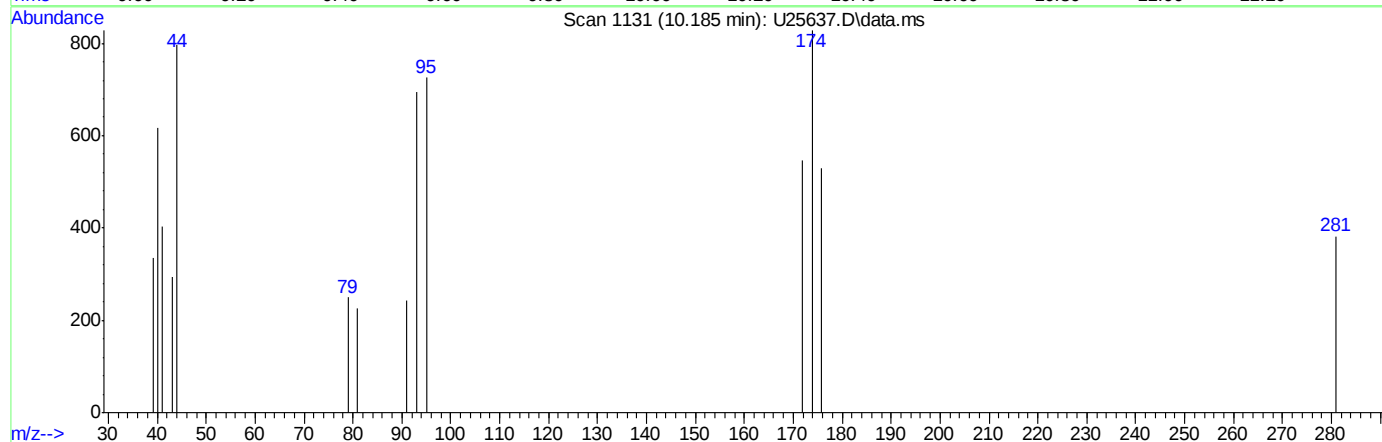
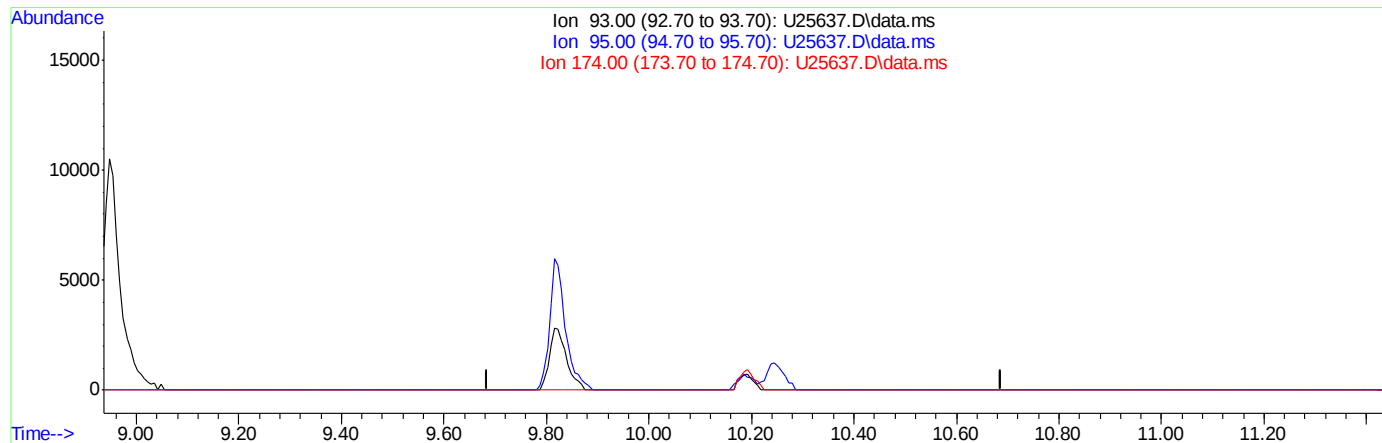
response 689

Ion	Exp%	Act%
75.00	100	100
155.00	80.80	101.37
157.00	117.10	90.03
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:05:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25637.D\data.ms

(53) dibromomethane (P)

10.187min (-10.187) 0.00ppb

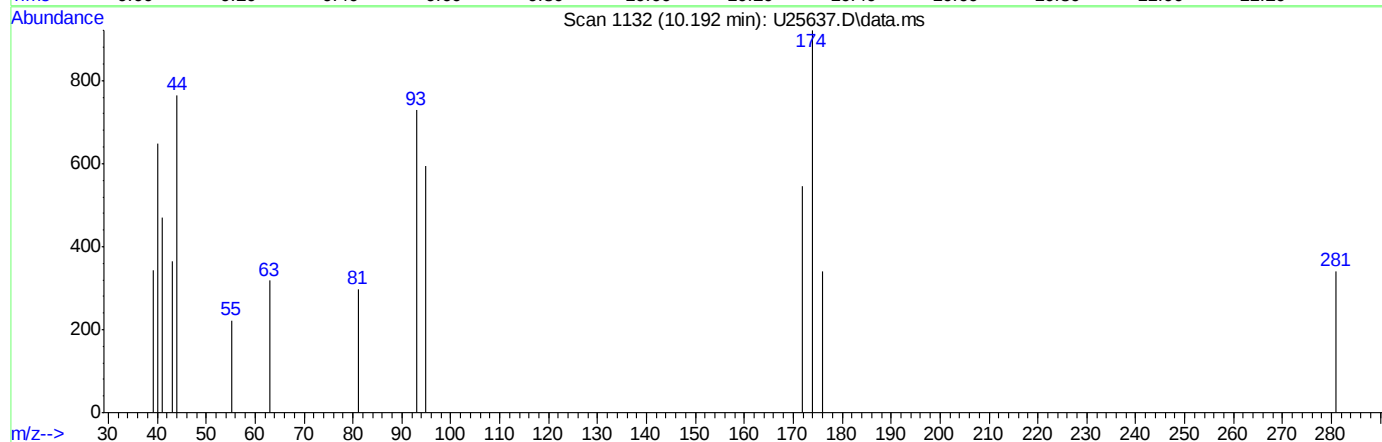
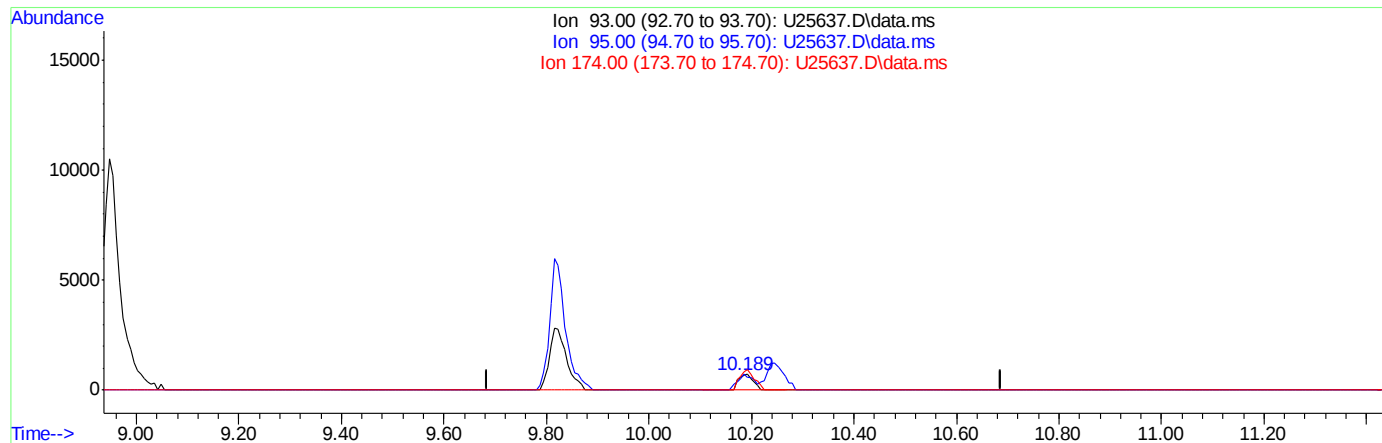
response 0

Ion	Exp%	Act%
93.00	100	0.00
95.00	79.90	0.00#
174.00	98.40	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:05:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25637.D\data.ms

(53) dibromomethane (P)

10.192min (+0.005) 0.78ppb m

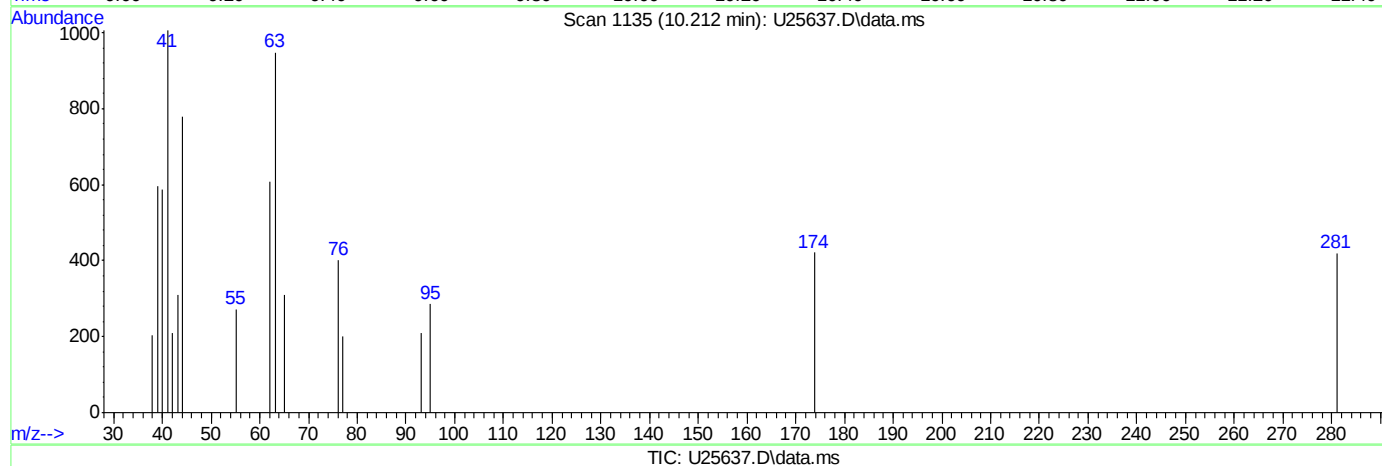
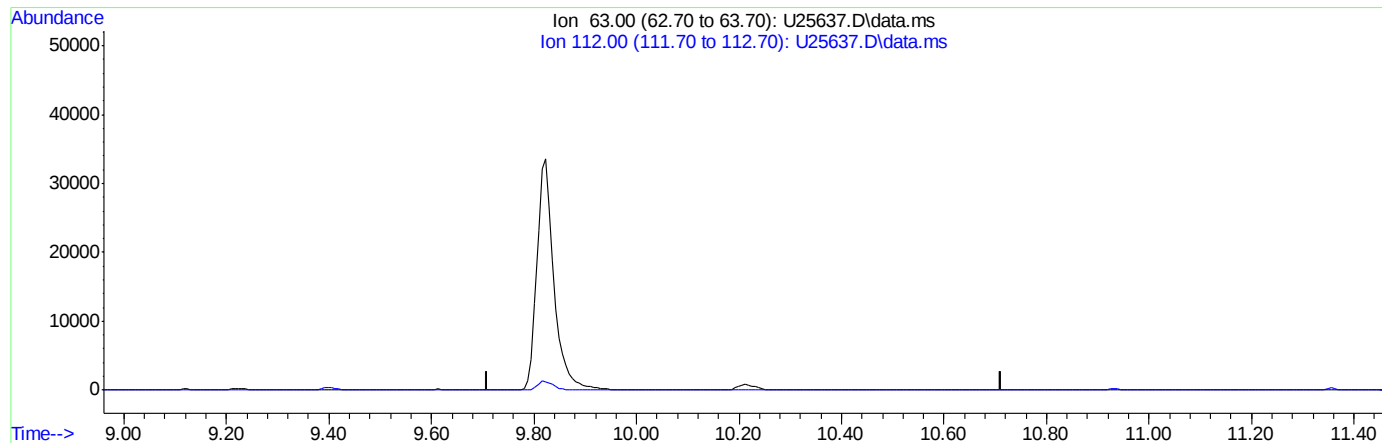
response 1453

Ion	Exp%	Act%
93.00	100	100
95.00	79.90	81.46
174.00	98.40	126.51
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:05:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(52) 1,2-dichloropropane (P)

10.211min (-10.211) 0.00ppb

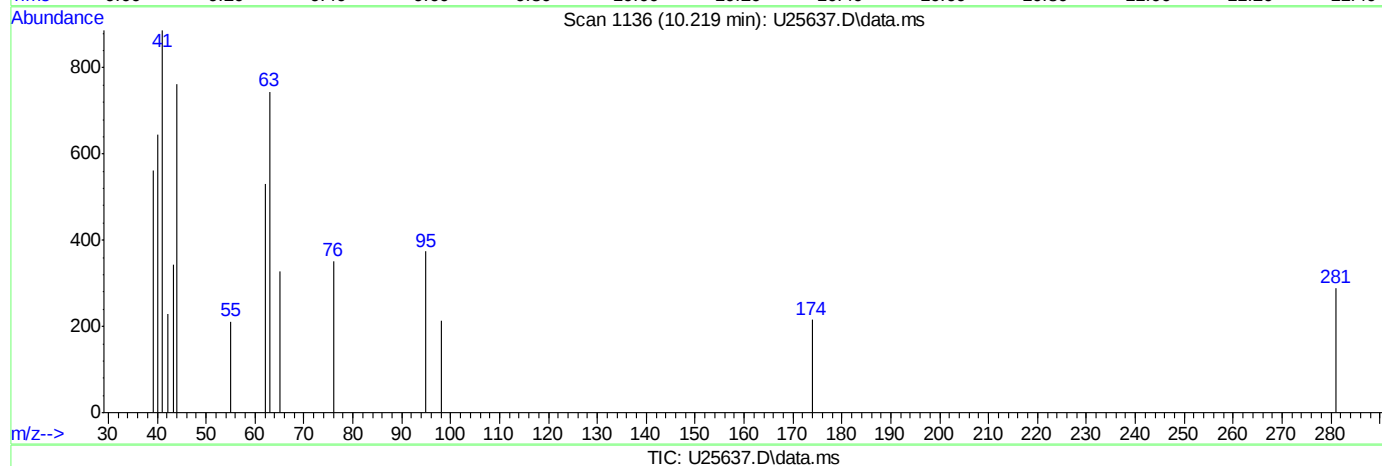
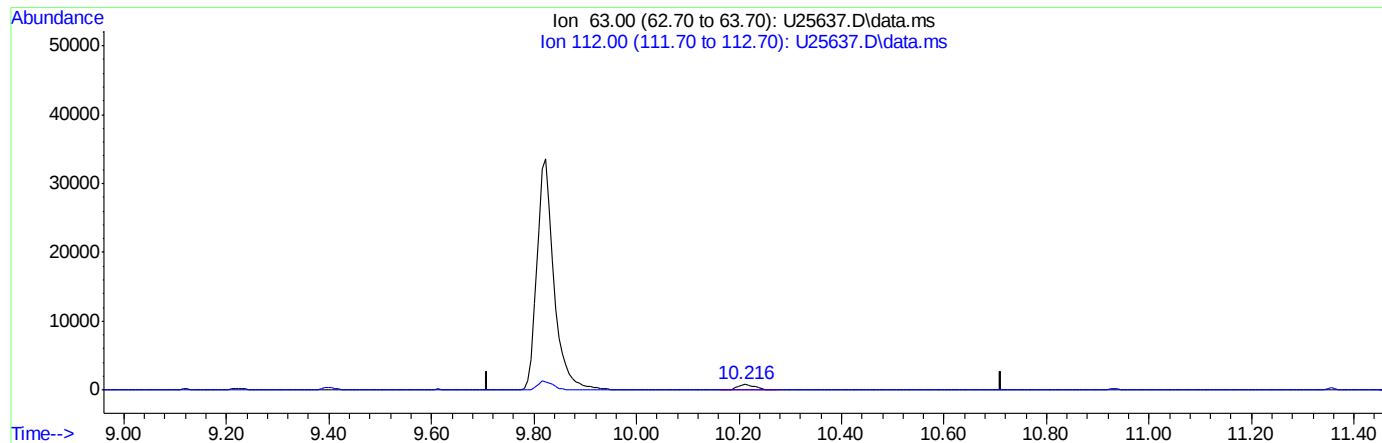
response 0

Ion	Exp%	Act%
63.00	100	0.00
112.00	3.10	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:05:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(52) 1,2-dichloropropane (P)

10.219min (+0.008) 0.87ppb m

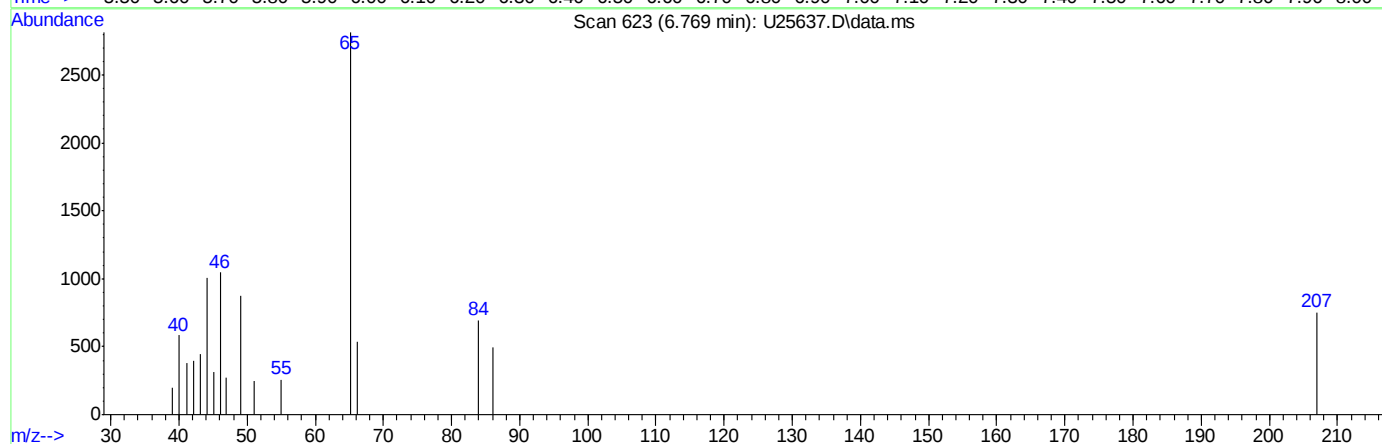
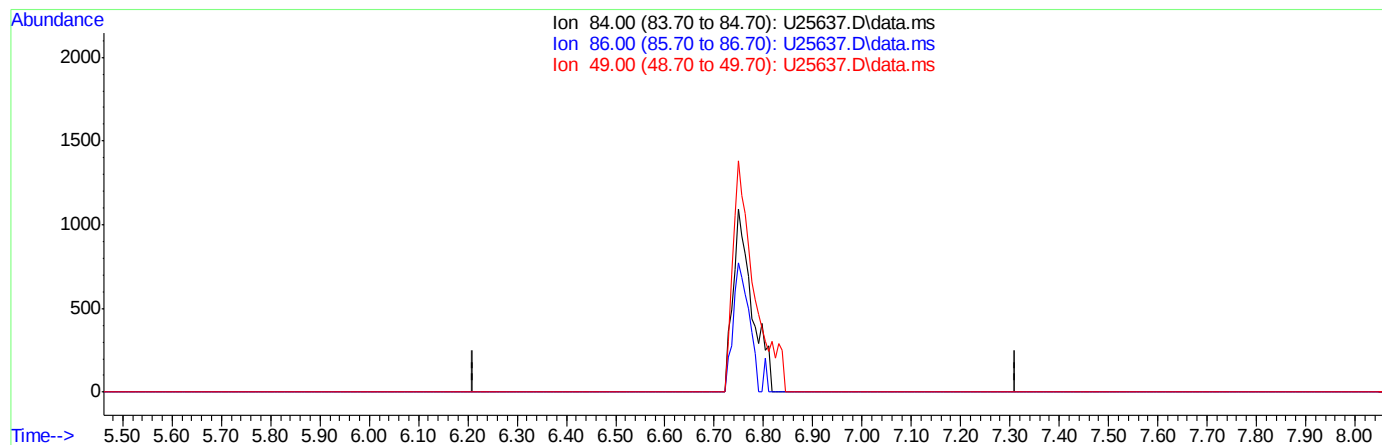
response 1976

Ion	Exp%	Act%
63.00	100	100
112.00	3.10	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:05:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25637.D\data.ms

(18) methylene chloride (P)

6.772min (-6.772) 0.00ppb

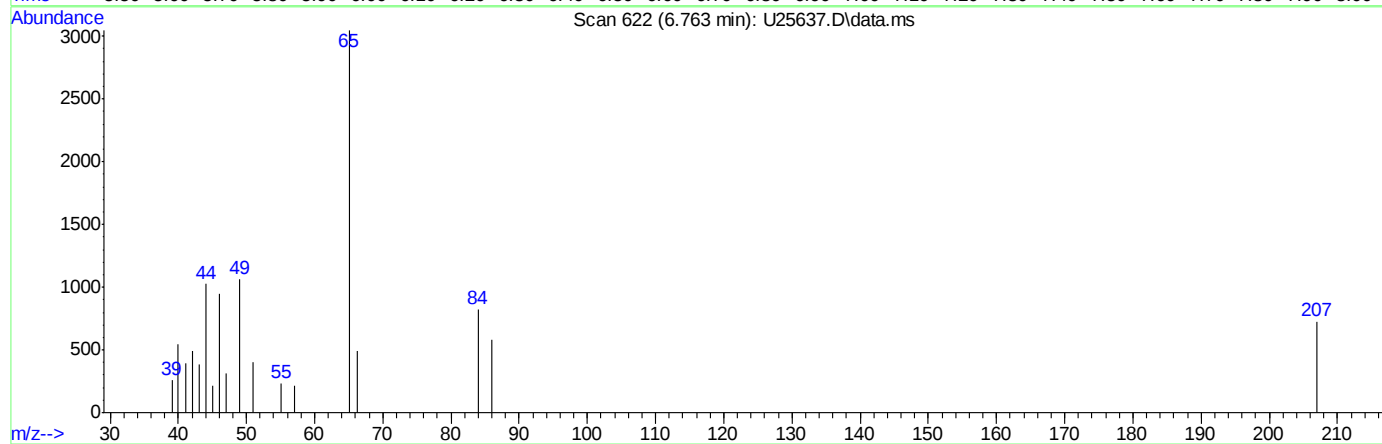
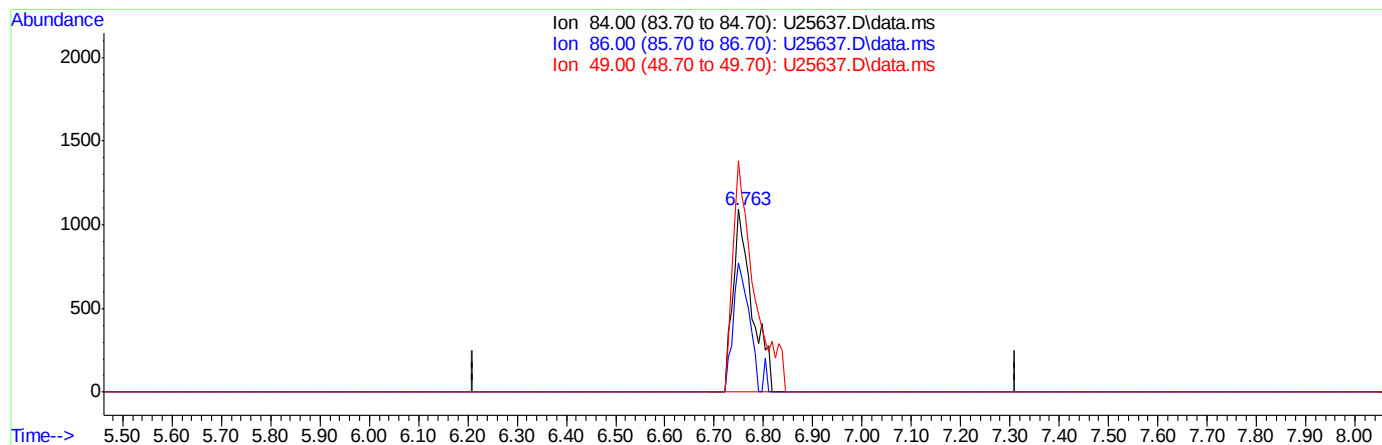
response 0

Ion	Exp%	Act%
84.00	100	0.00
86.00	66.80	0.00#
49.00	173.40	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:05:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25637.D\data.ms

(18) methylene chloride (P)

6.763min (-0.009) 0.96ppb m

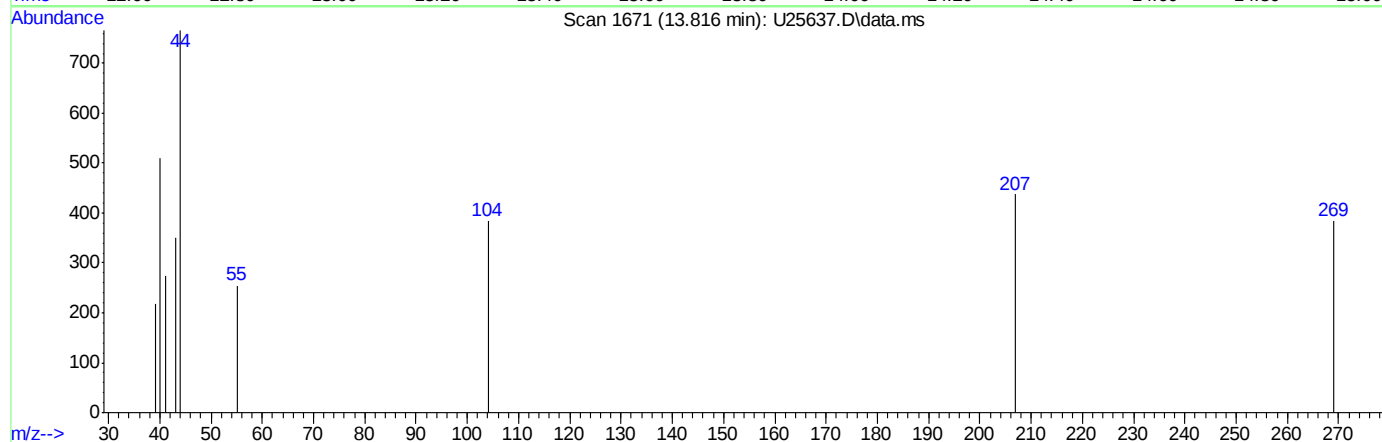
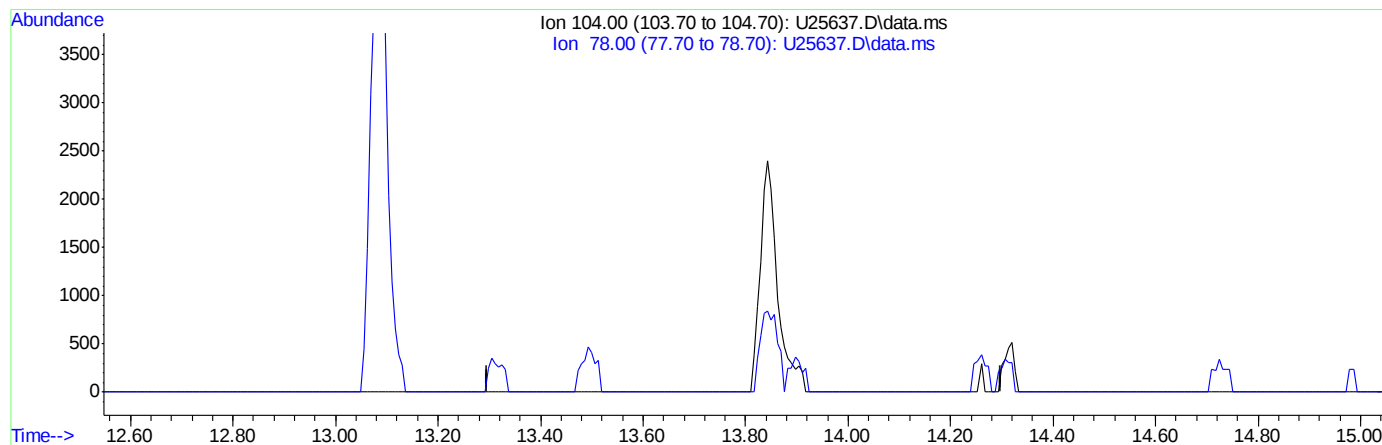
response 2897

Ion	Exp%	Act%
84.00	100	100
86.00	66.80	70.84
49.00	173.40	129.40#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:05:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25637.D\data.ms

(77) styrene (P)

13.818min 0.00ppb d

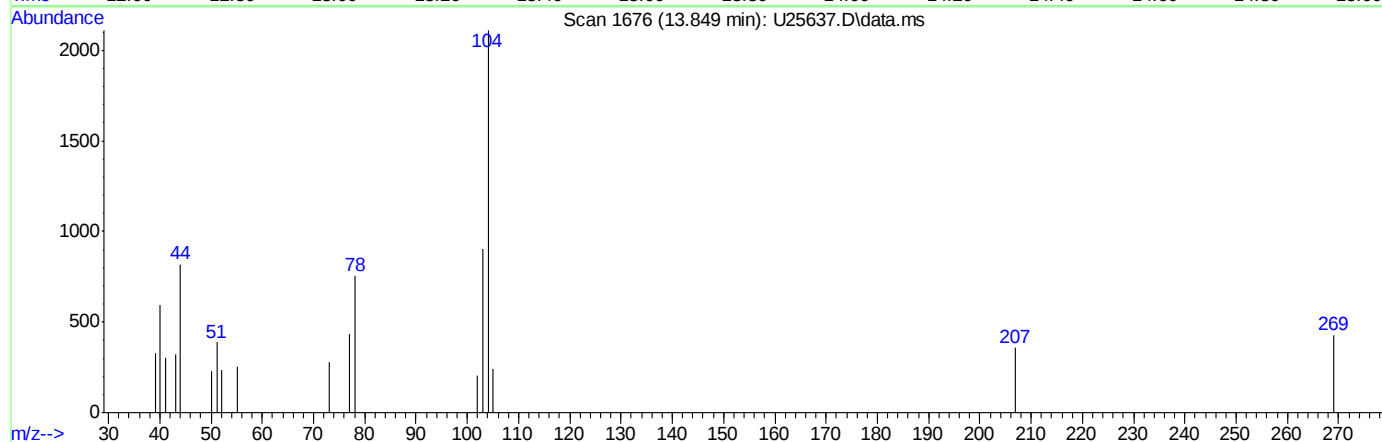
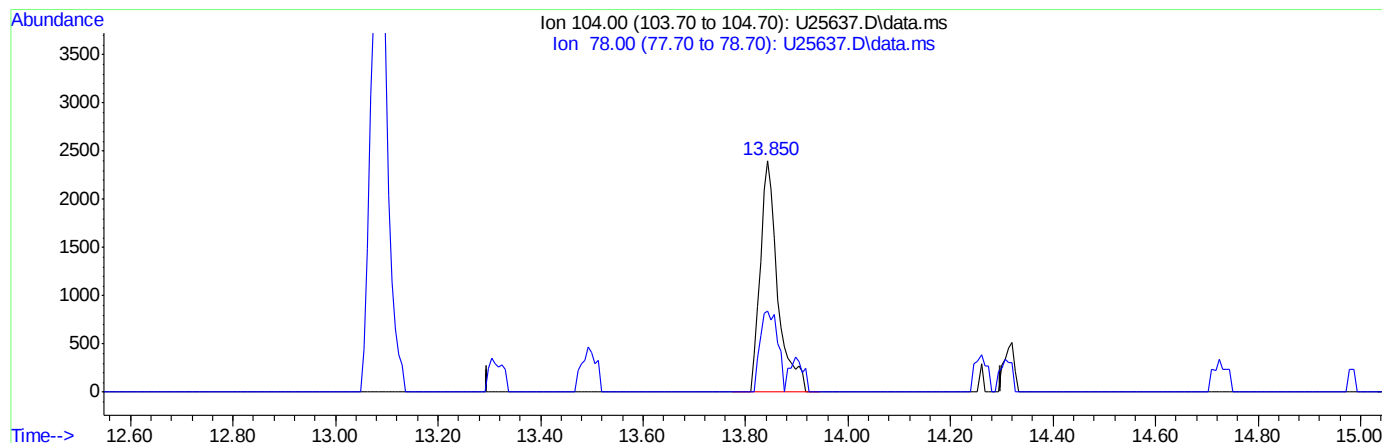
response 0

Ion	Exp%	Act%
104.00	100	0.00
78.00	43.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:05:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25637.D\data.ms

(77) styrene (P)

13.849min (+0.031) 0.96ppb m

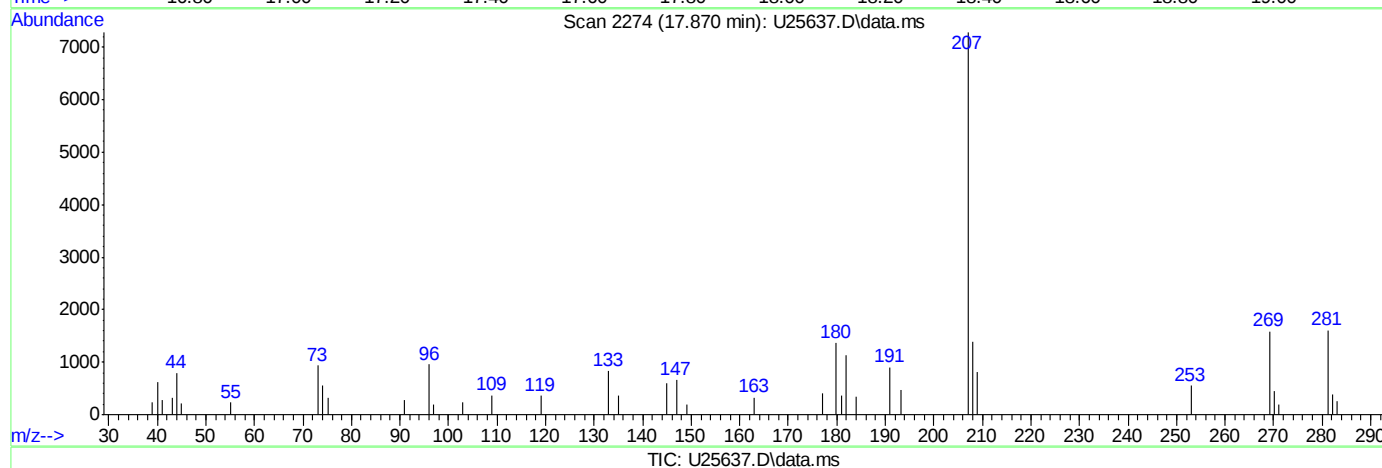
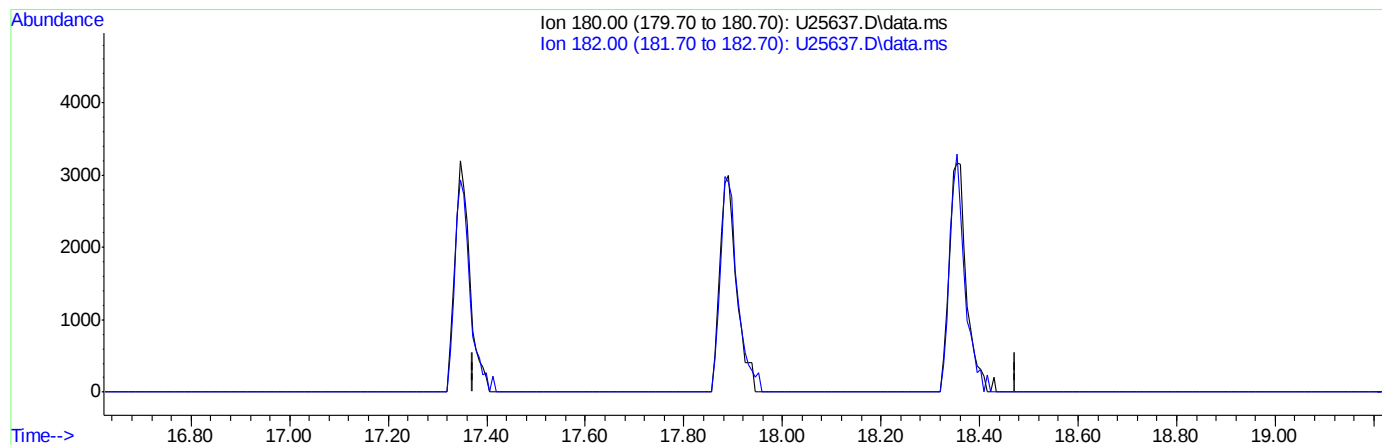
response 5776

Ion	Exp%	Act%
104.00	100	100
78.00	43.00	35.69
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:05:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(100) 1,2,4-trichlorobenzene (P)

17.873min 0.00ppb d

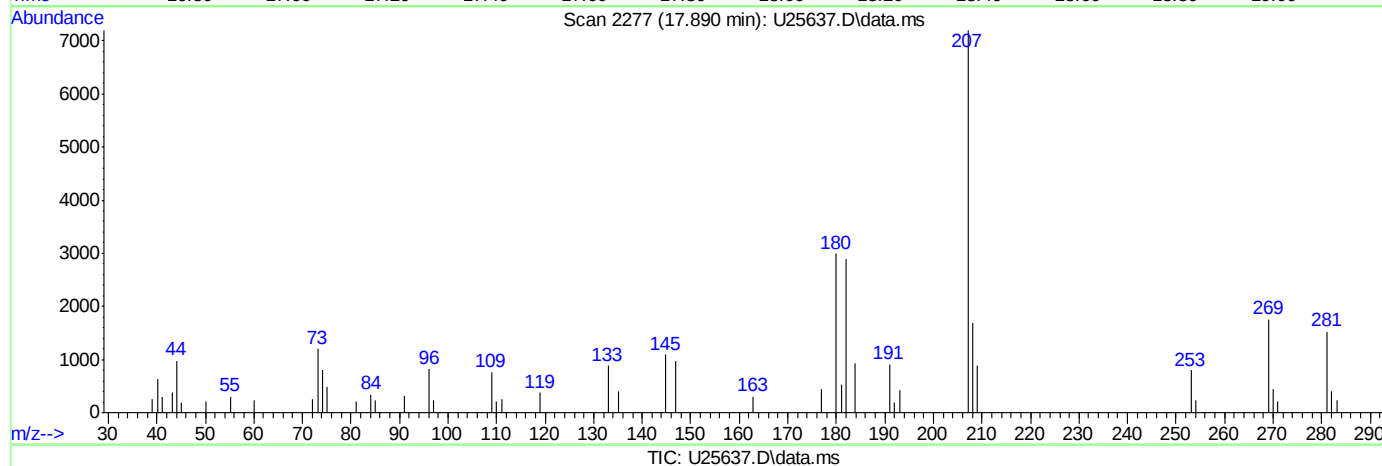
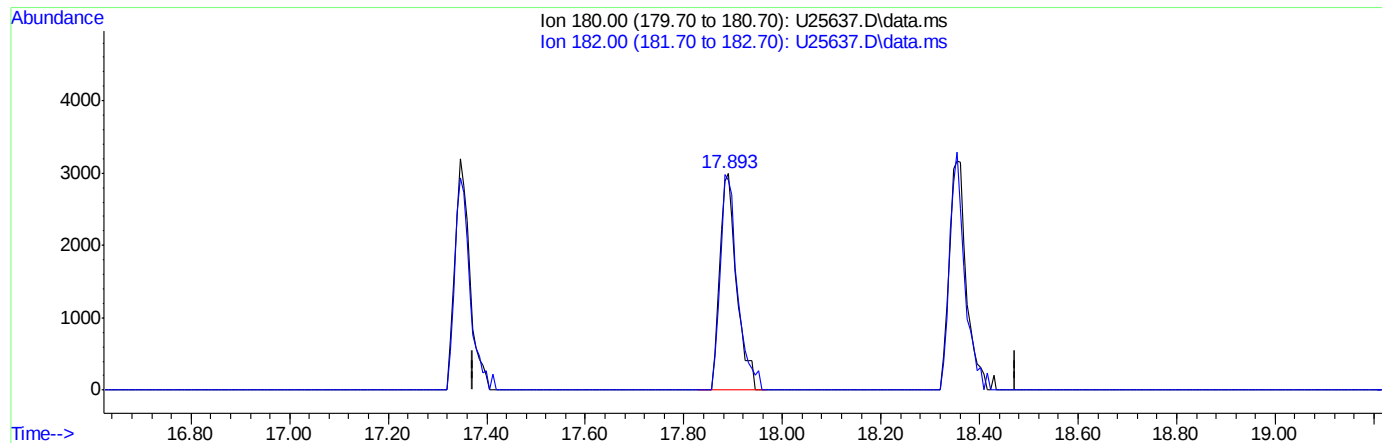
response 0

Ion	Exp%	Act%
180.00	100	0.00
182.00	101.60	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 09:05:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(100) 1,2,4-trichlorobenzene (P)

17.890min (+0.017) 0.95ppb m

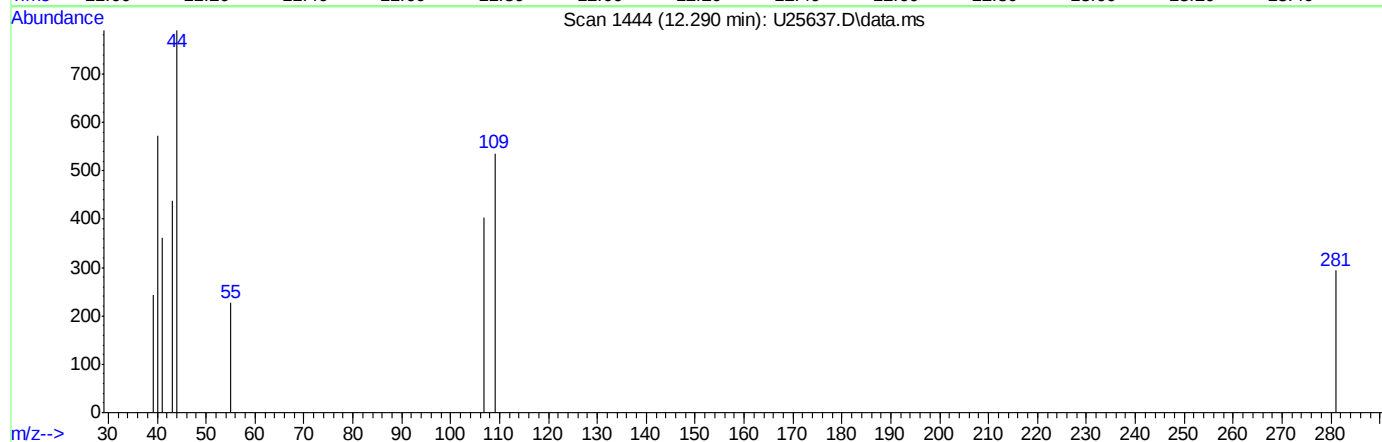
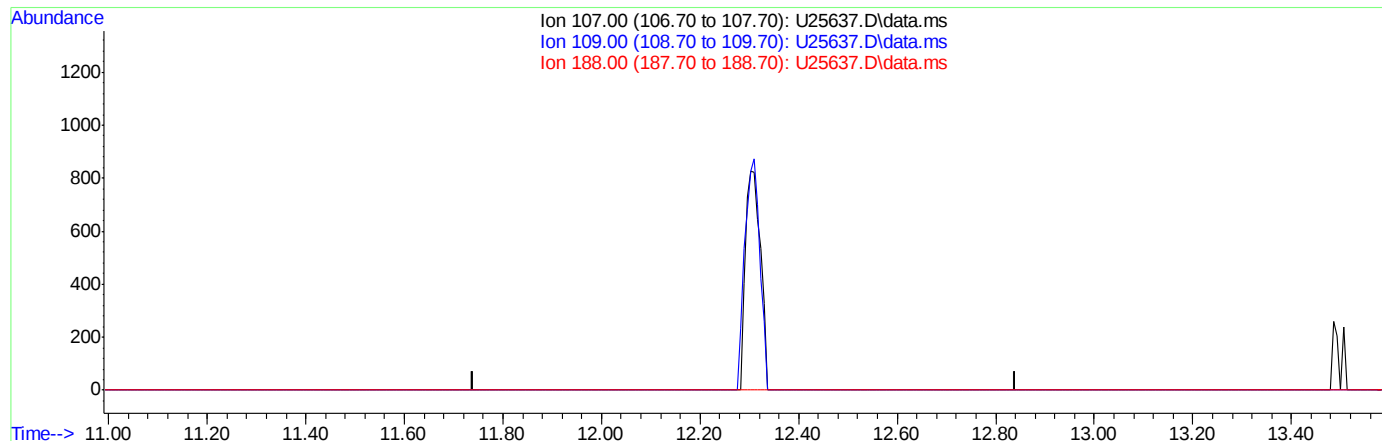
response 6957

Ion	Exp%	Act%
180.00	100	100
182.00	101.60	96.63
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 10:56:37 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25637.D\data.ms

(70) 1,2-dibromoethane (P)

12.290min (-12.290) 0.00ppb

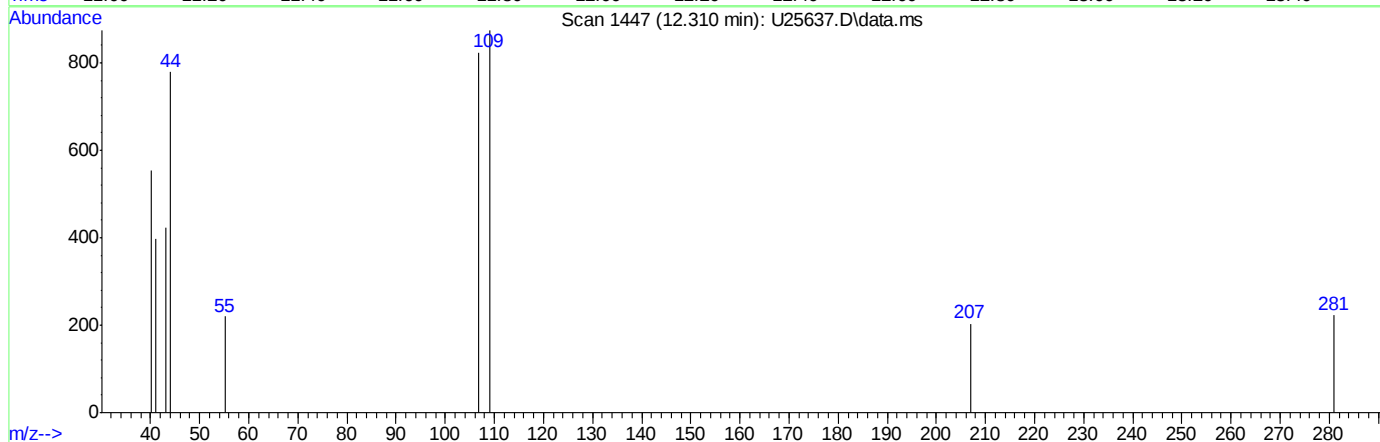
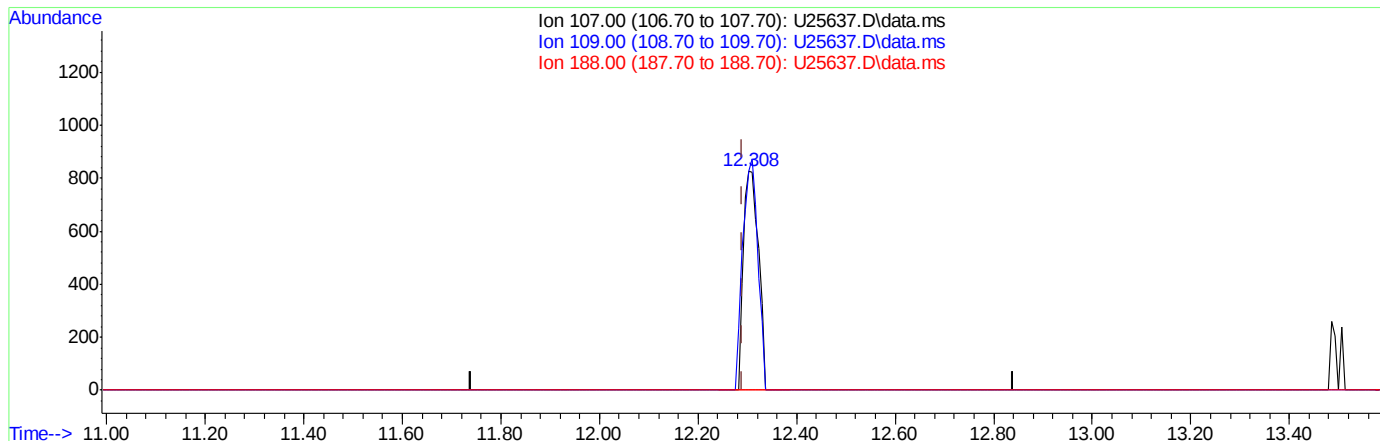
response 0

Ion	Exp%	Act%
107.00	100	0.00
109.00	92.50	0.00#
188.00	3.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25637.D
Acq On : 15 Jan 2015 5:49 pm
Operator : GaryK
Sample : ic1085-1
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 16 10:56:37 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25637.D\data.ms

(70) 1,2-dibromoethane (P)

12.310min (+0.019) 0.81ppb m

response 1731

Ion	Exp%	Act%
107.00	100	100
109.00	92.50	106.07
188.00	3.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150115\
 Data File : U25638.D
 Acq On : 15 Jan 2015 6:16 pm
 Operator : GaryK
 Sample : ic1085-2
 Misc : ms33699,msu1085,,,,,5,1
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 16 15:09:52 2015
 Quant Method : D:\msdchem\1\methods\U150115w.m
 Quant Title : SW-846 Method 8260
 QLast Update : Fri Jan 16 08:55:23 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	6.758	65	93907	500.00	ppb	0.07
4) pentafluorobenzene	8.961	168	322509	50.00	ppb	0.00
43) 1,4-difluorobenzene	9.829	114	458459	50.00	ppb	0.00
66) chlorobenzene-d5	13.087	82	155430	50.00	ppb	# 0.00
80) 1,4-dichlorobenzene-d4	15.650	152	212320	50.00	ppb	0.00
System Monitoring Compounds						
40) dibromofluoromethane (s)	8.602	113	167747	47.60	ppb	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.20%		
60) toluene-d8 (s)	11.627	98	429139	46.56	ppb	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.12%		
82) bromofluorobenzene (s)	14.316	95	150229	47.85	ppb	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.70%		
Target Compounds						
						Qvalue
2) tertiary butyl alcohol	6.696	59	1482m	6.16	ppb	
3) Ethanol	5.512	45	2560m	169.31	ppb	
5) dichlorodifluoromethane	4.346	85	12929	2.29	ppb	92
6) chloromethane	4.528	50	10218	2.00	ppb	97
7) vinyl chloride	4.791	62	9245	2.10	ppb	99
8) bromomethane	5.259	96	6545	2.25	ppb	99
9) chloroethane	5.398	64	3186m	1.91	ppb	
12) trichlorofluoromethane	6.081	101	11255	1.74	ppb	95
15) 1,1-dichloroethene	6.630	96	6494	2.10	ppb	# 60
18) methylene chloride	6.770	84	5794	1.88	ppb	# 72
19) methyl tert butyl ether	7.558	73	13099	1.73	ppb	96
22) trans-1,2-dichloroethene	7.451	96	5482	1.89	ppb	# 70
28) di-isopropyl ether	8.115	45	13832	1.74	ppb	83
33) 1,1-dichloroethane	7.702	63	7832	1.69	ppb	94
34) tert-butyl ethyl ether	8.507	59	13588	1.62	ppb	80
37) cis-1,2-dichloroethene	8.278	96	6254	1.95	ppb	# 83
38) bromochloromethane	8.437	128	3343m	1.65	ppb	
39) chloroform	8.478	83	9354	1.84	ppb	97
42) 1,1,1-trichloroethane	9.229	97	8642	1.73	ppb	99
45) carbon tetrachloride	9.591	117	8477	1.82	ppb	96
47) benzene	9.627	78	16496	1.83	ppb	99
48) 1,2-dichloroethane	9.132	62	6363	1.77	ppb	85
49) tert-amyl methyl ether	9.748	73	12429	1.74	ppb	97
51) trichloroethene	10.249	95	5575	1.87	ppb	75
52) 1,2-dichloropropane	10.219	63	3745m	1.66	ppb	
53) dibromomethane	10.192	93	3214m	1.72	ppb	
54) bromodichloromethane	10.303	83	6254	1.67	ppb	95
59) cis-1,3-dichloropropene	10.931	75	5801	1.58	ppb	96
62) toluene	11.700	92	8650	1.55	ppb	# 77
63) trans-1,3-dichloropropene	11.355	75	4345m	1.42	ppb	
64) 1,1,2-trichloroethane	11.523	83	2706m	1.62	ppb	
67) tetrachloroethene	12.444	166	5005	2.06	ppb	87
69) dibromochloromethane	12.048	129	4870m	1.75	ppb	
70) 1,2-dibromoethane	12.310	107	3537m	1.76	ppb	

7.6.15

7

Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150115\
 Data File : U25638.D
 Acq On : 15 Jan 2015 6:16 pm
 Operator : GaryK
 Sample : ic1085-2
 Misc : ms33699,msu1085,,,,5,1
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 16 15:09:52 2015
 Quant Method : D:\msdchem\1\methods\U150115w.m
 Quant Title : SW-846 Method 8260
 QLast Update : Fri Jan 16 08:55:23 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) chlorobenzene	13.121	112	10610	1.81	ppb	87
73) 1,1,1,2-tetrachloroethane	13.039	131	5303	1.92	ppb	96
74) ethylbenzene	13.313	91	17062	1.94	ppb	83
75) m,p-xylene	13.496	106	13286	3.61	ppb	93
76) o-xylene	13.901	106	7435	1.83	ppb	84
77) styrene	13.843	104	10501m	1.85	ppb	
78) bromoform	13.654	173	2957m	1.72	ppb	
84) 1,1,2,2-tetrachloroethane	13.910	83	4610m	1.70	ppb	
89) 1,3,5-trimethylbenzene	14.989	105	17740	1.63	ppb	95
91) 1,2,4-trimethylbenzene	15.393	105	19043	1.69	ppb	88
93) 1,3-dichlorobenzene	15.613	146	10813	1.73	ppb	93
95) 1,4-dichlorobenzene	15.677	146	11392	1.76	ppb	95
96) 1,2-dichlorobenzene	16.057	146	12031	1.71	ppb	94
98) 1,2-dibromo-3-chloropr...	16.539	75	1668m	2.26	ppb	
100) 1,2,4-trichlorobenzene	17.890	180	12035m	1.82	ppb	

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

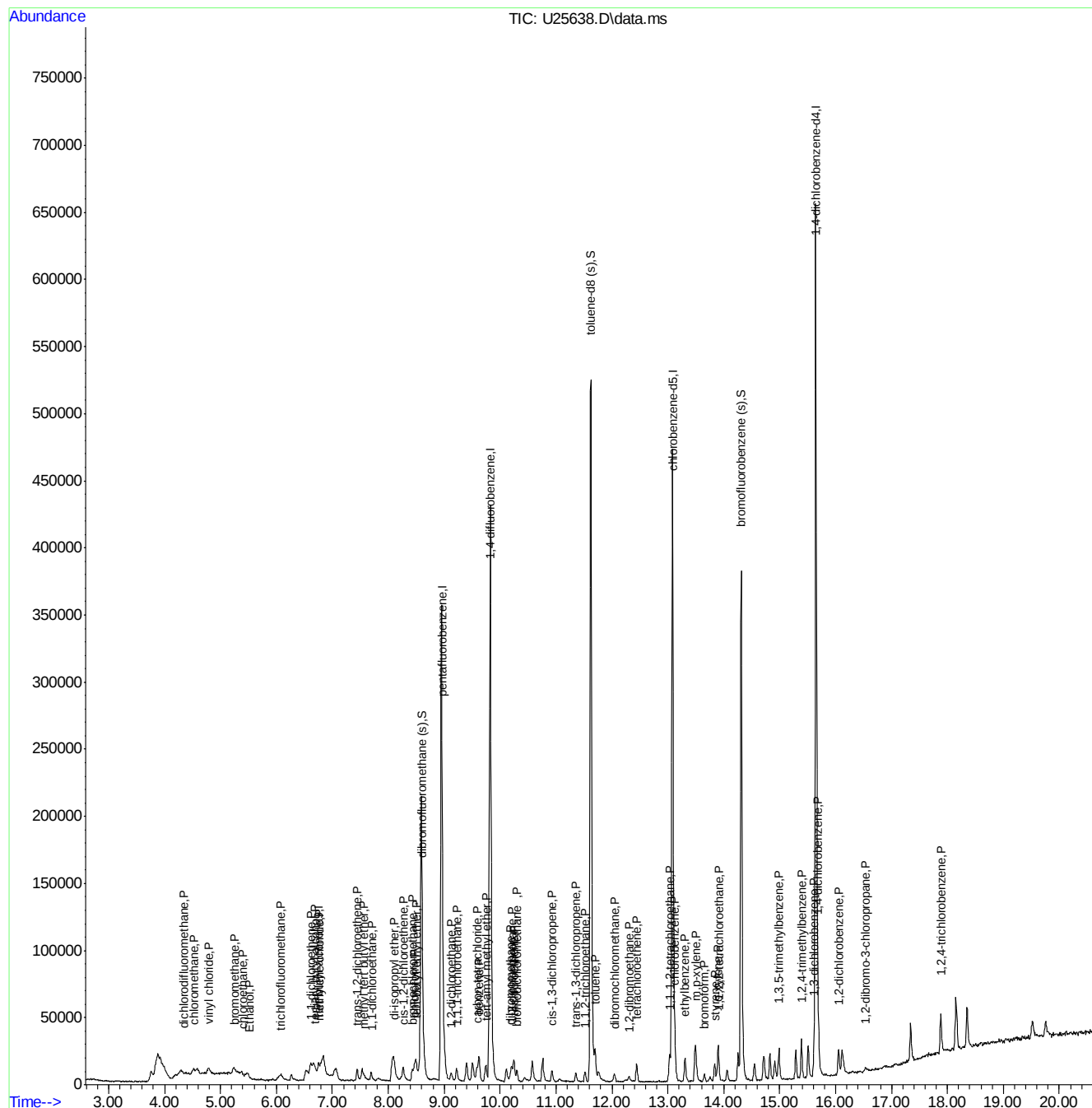
7.6.15

7

Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25638.D
Acq On : 15 Jan 2015 6:16 pm
Operator : GaryK
Sample : ic1085-2
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 21 Sample Multiplier: 1

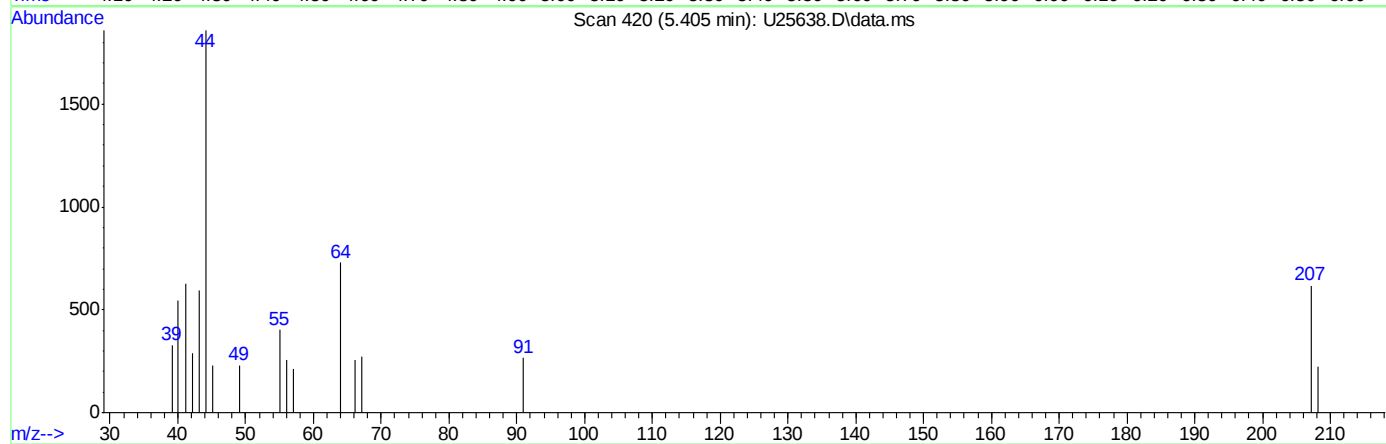
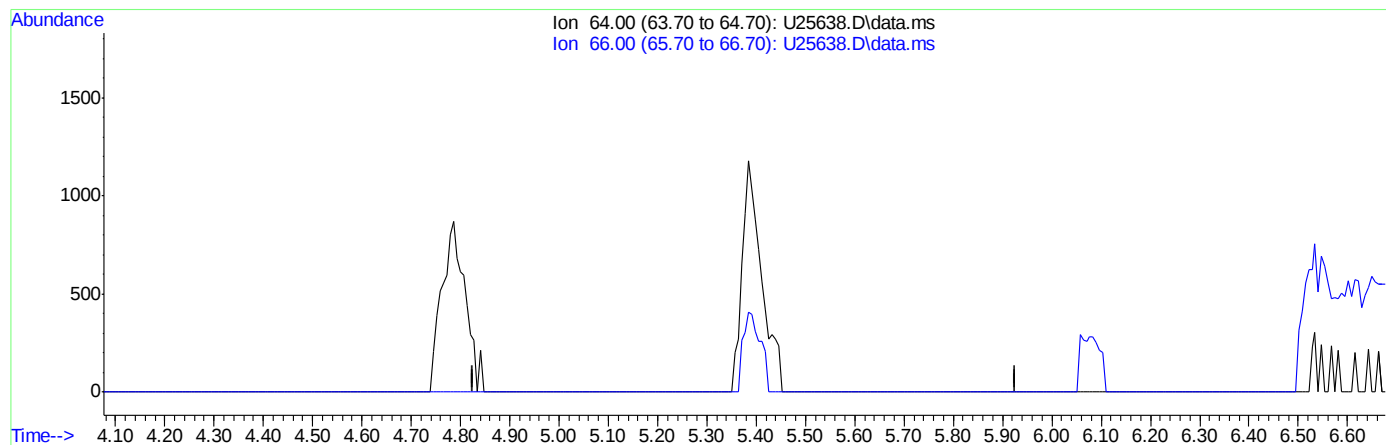
Quant Time: Jan 16 15:09:52 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25638.D
Acq On : 15 Jan 2015 6:16 pm
Operator : GaryK
Sample : ic1085-2
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 16 09:06:15 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25638.D\data.ms

(9) chloroethane (P)

5.406min (-5.406) 0.00ppb

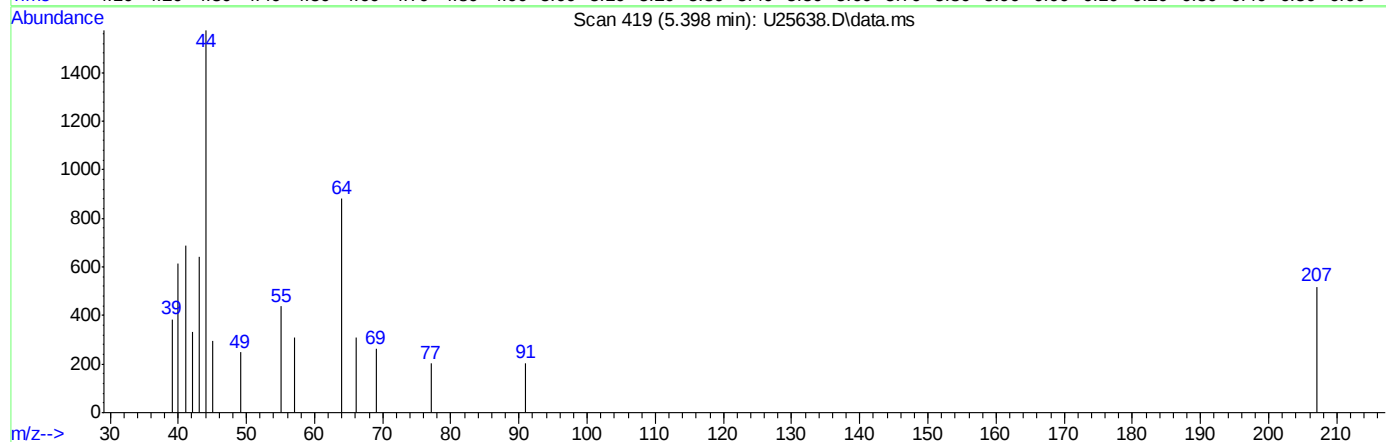
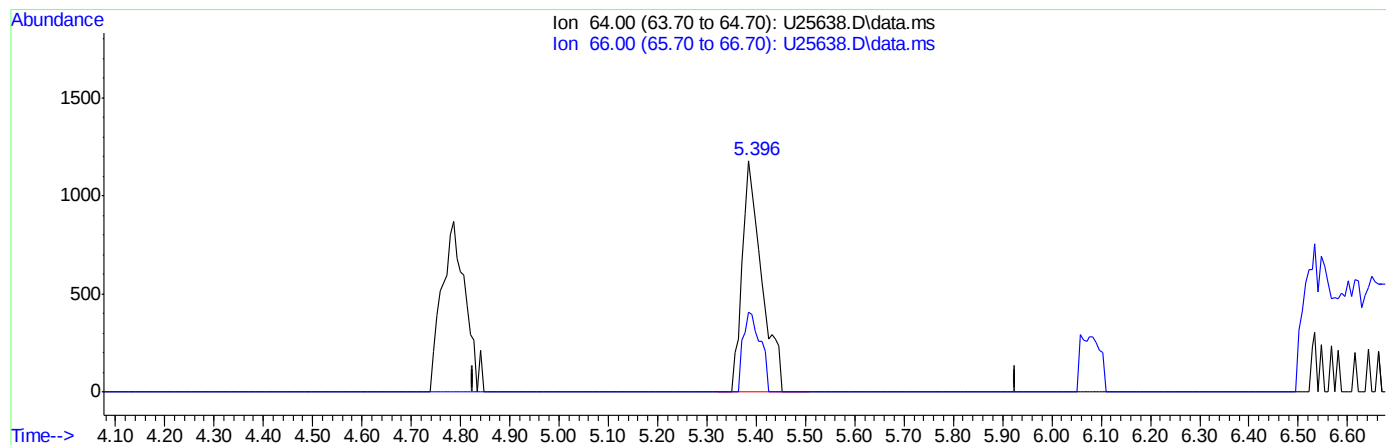
response 0

Ion	Exp%	Act%
64.00	100	0.00
66.00	30.10	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25638.D
Acq On : 15 Jan 2015 6:16 pm
Operator : GaryK
Sample : ic1085-2
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 16 09:06:15 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25638.D\data.ms

(9) chloroethane (P)

5.398min (-0.008) 1.91ppb m

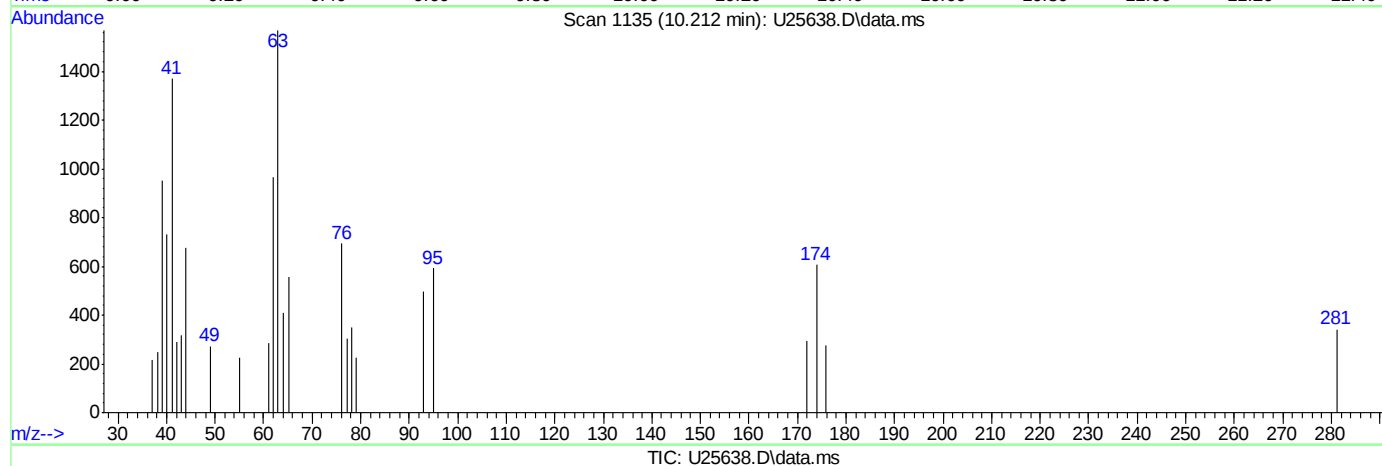
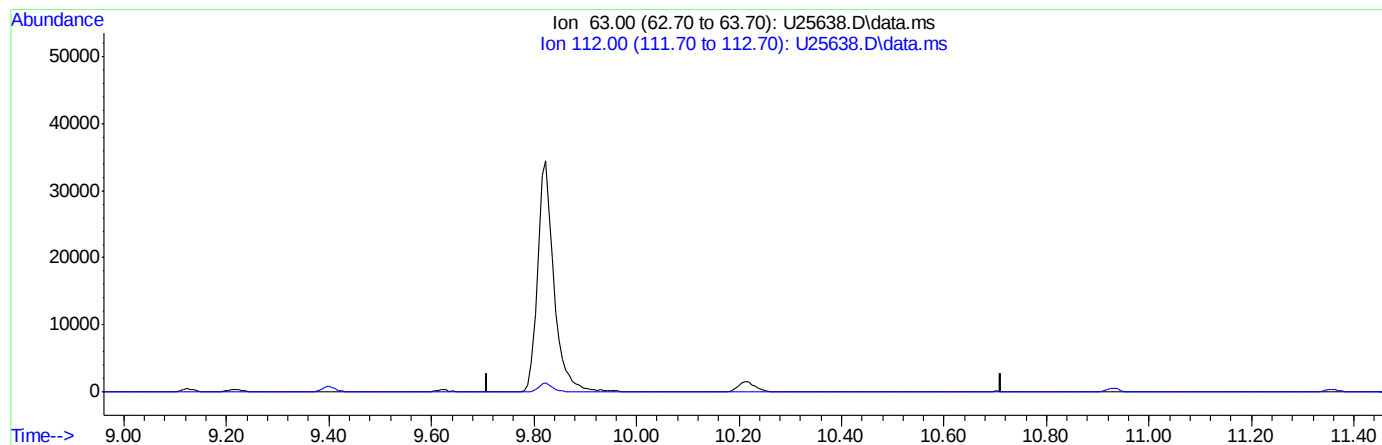
response 3186

Ion	Exp%	Act%
64.00	100	100
66.00	30.10	35.11
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25638.D
Acq On : 15 Jan 2015 6:16 pm
Operator : GaryK
Sample : ic1085-2
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 16 09:06:15 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(52) 1,2-dichloropropane (P)

10.211min (-10.211) 0.00ppb

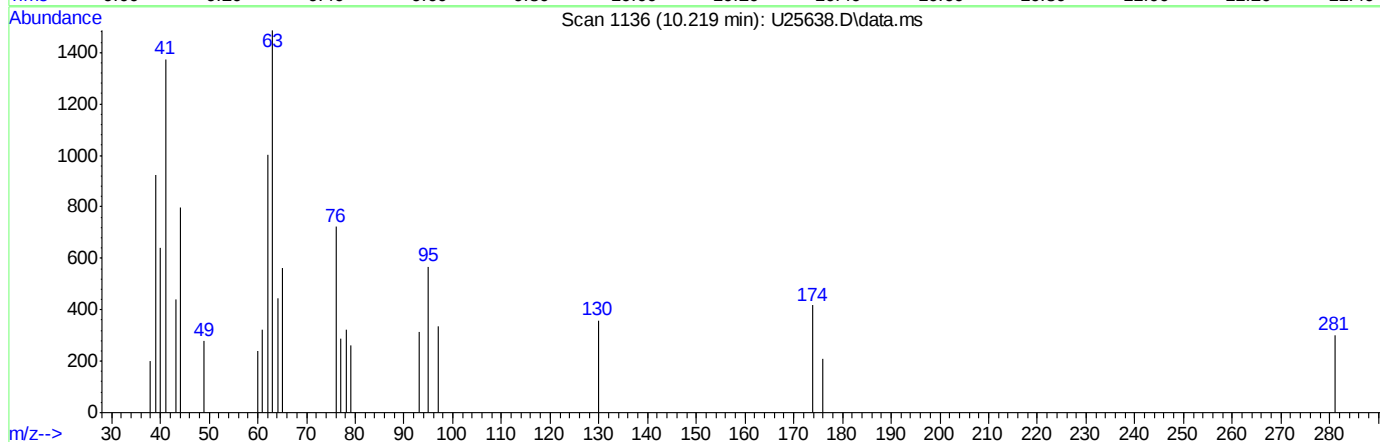
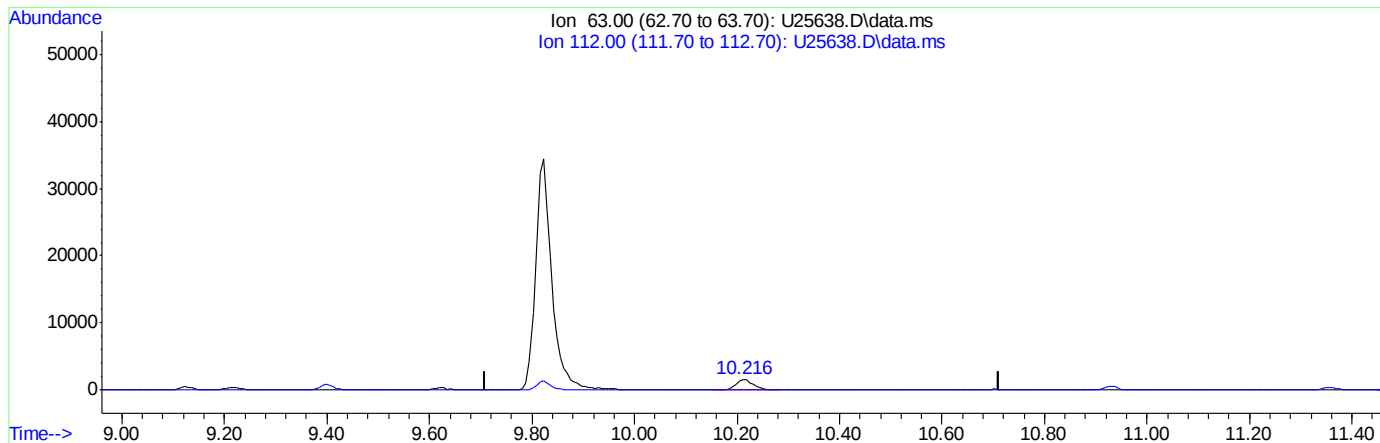
response 0

Ion	Exp%	Act%
63.00	100	0.00
112.00	3.10	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25638.D
Acq On : 15 Jan 2015 6:16 pm
Operator : GaryK
Sample : ic1085-2
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 16 09:06:15 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25638.D\data.ms

(52) 1,2-dichloropropane (P)

10.219min (+0.008) 1.66ppb m

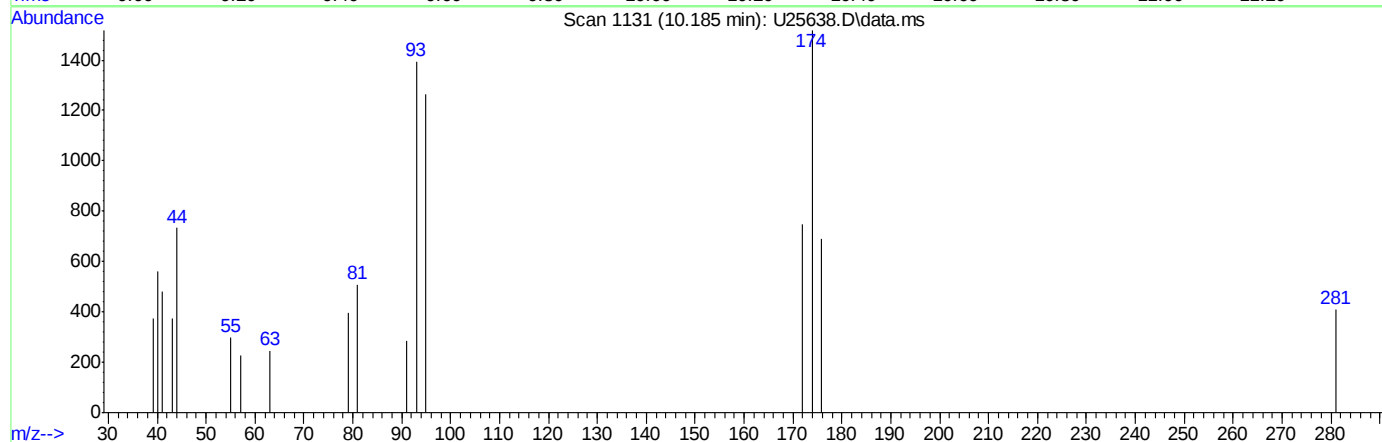
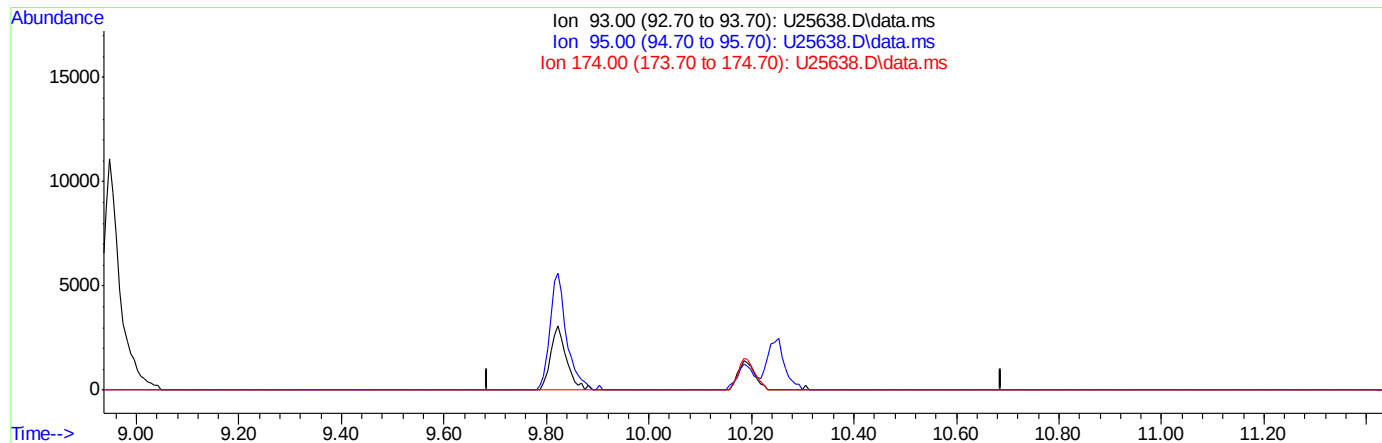
response 3745

Ion	Exp%	Act%
63.00	100	100
112.00	3.10	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25638.D
Acq On : 15 Jan 2015 6:16 pm
Operator : GaryK
Sample : ic1085-2
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 16 09:06:15 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(53) dibromomethane (P)

10.187min (-10.187) 0.00ppb

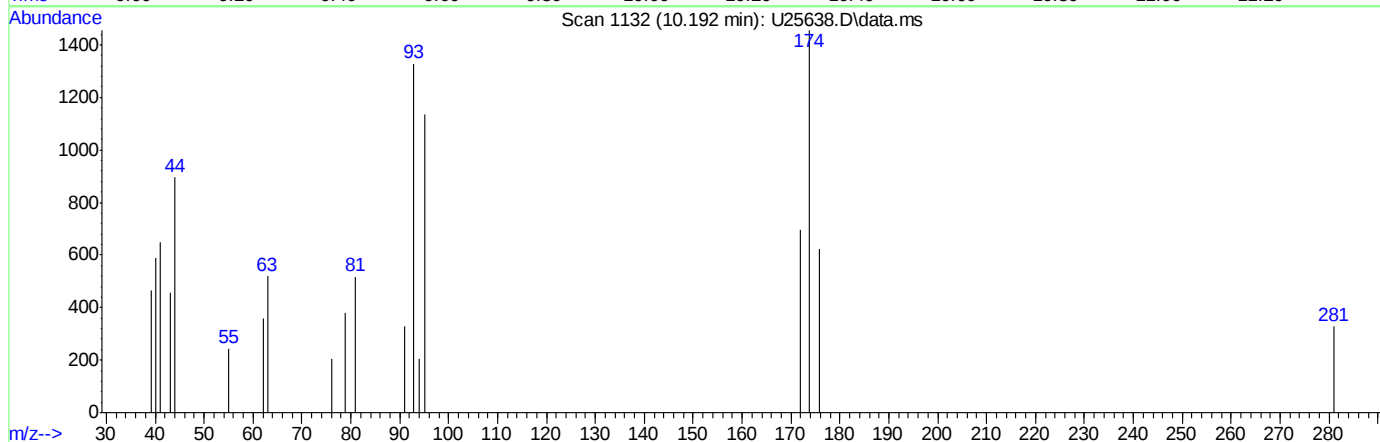
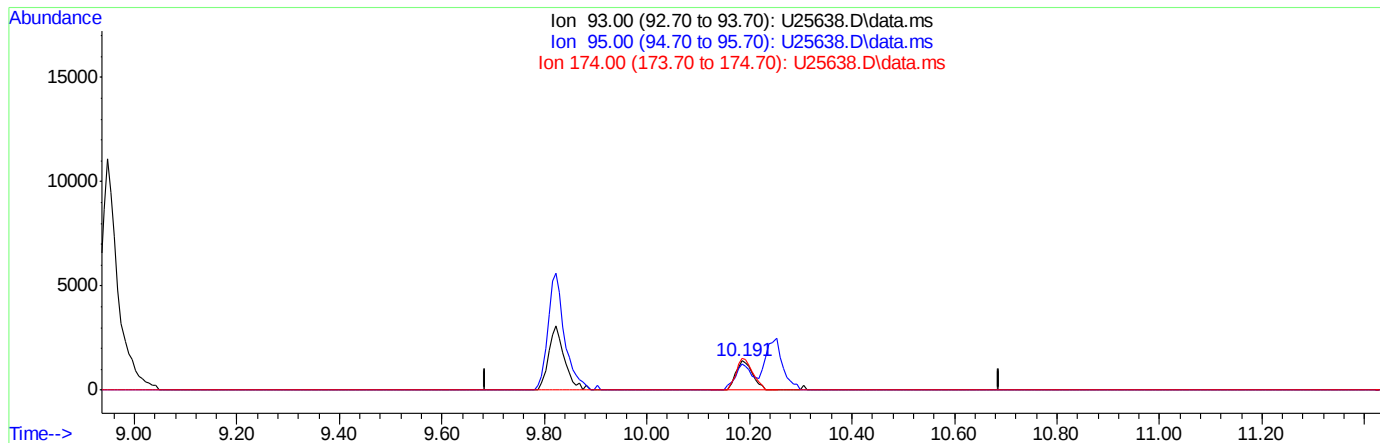
response 0

Ion	Exp%	Act%
93.00	100	0.00
95.00	79.90	0.00#
174.00	98.40	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25638.D
Acq On : 15 Jan 2015 6:16 pm
Operator : GaryK
Sample : ic1085-2
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 16 09:06:15 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(53) dibromomethane (P)

10.192min (+0.005) 1.72ppb m

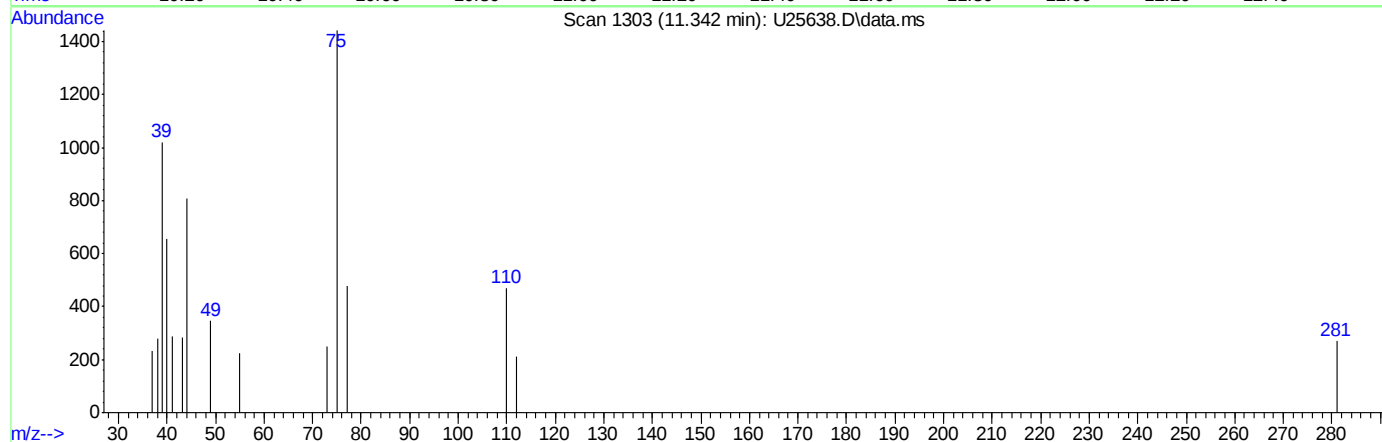
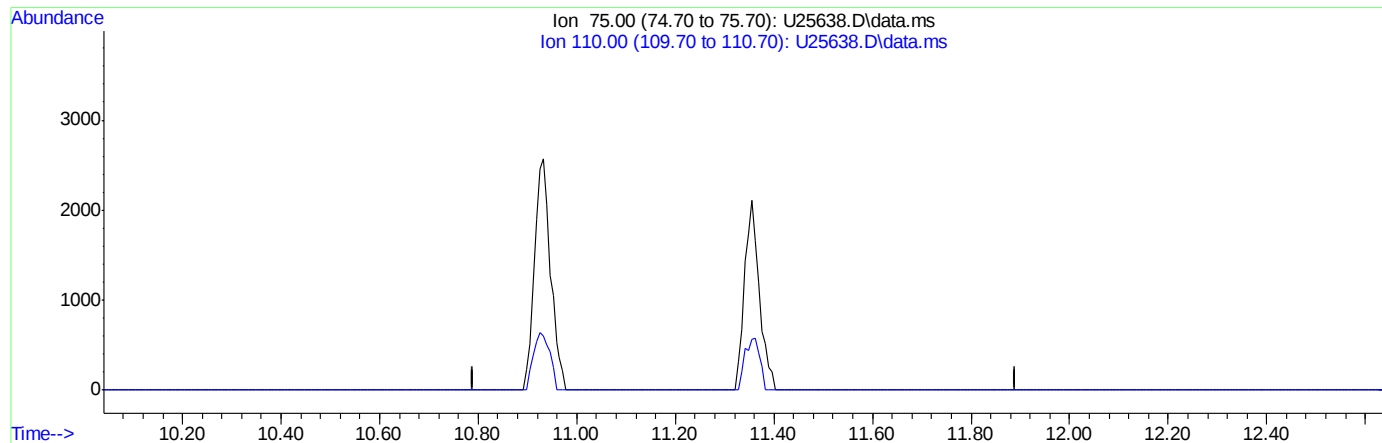
response 3214

Ion	Exp%	Act%
93.00	100	100
95.00	79.90	85.46
174.00	98.40	109.65
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25638.D
Acq On : 15 Jan 2015 6:16 pm
Operator : GaryK
Sample : ic1085-2
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 16 09:06:15 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(63) trans-1,3-dichloropropene (P)

11.340min (-11.340) 0.00ppb

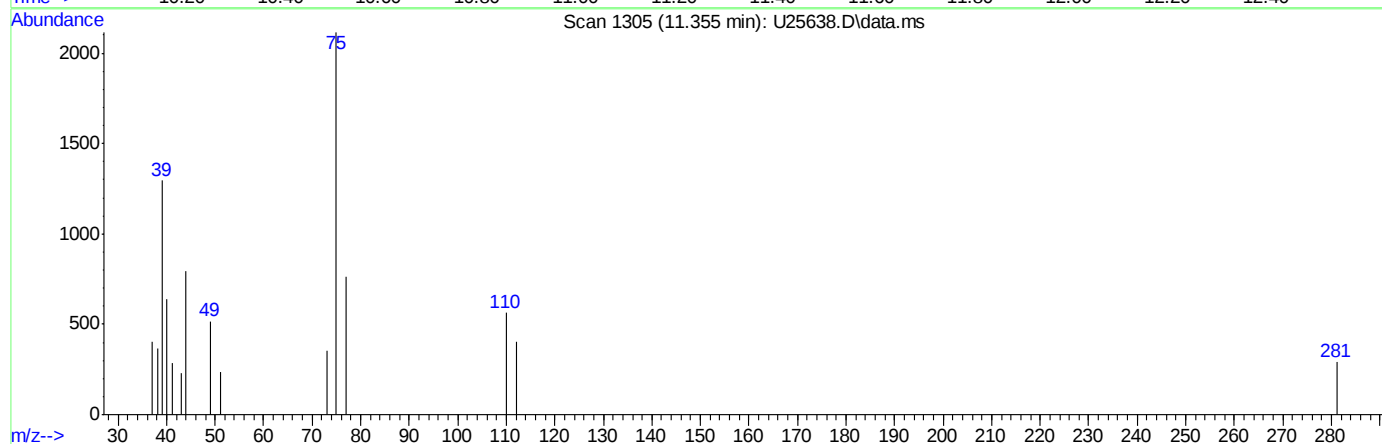
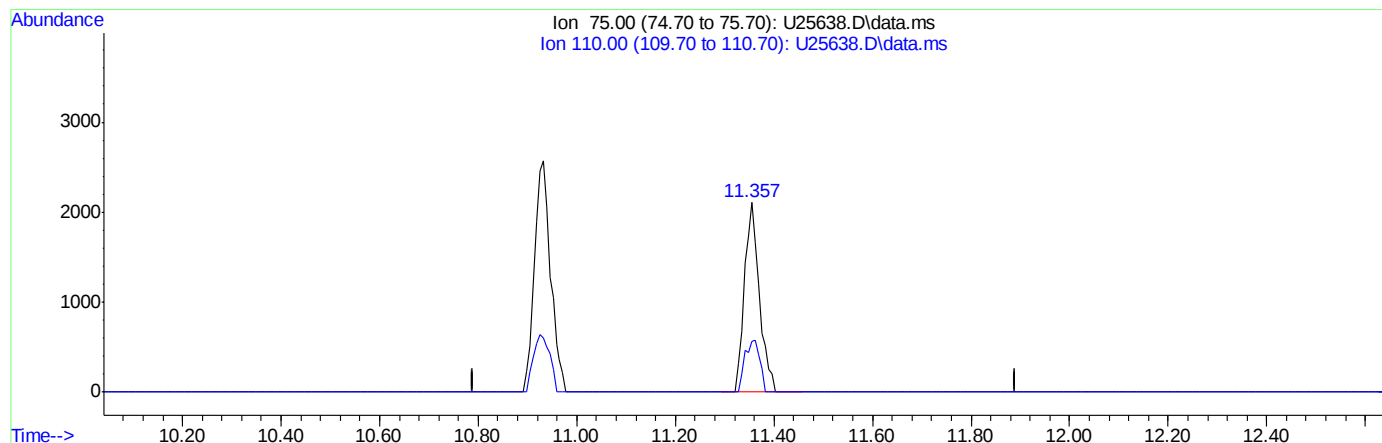
response 0

Ion	Exp%	Act%
75.00	100	0.00
110.00	26.20	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25638.D
Acq On : 15 Jan 2015 6:16 pm
Operator : GaryK
Sample : ic1085-2
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 16 09:06:15 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(63) trans-1,3-dichloropropene (P)

11.355min (+0.015) 1.42ppb m

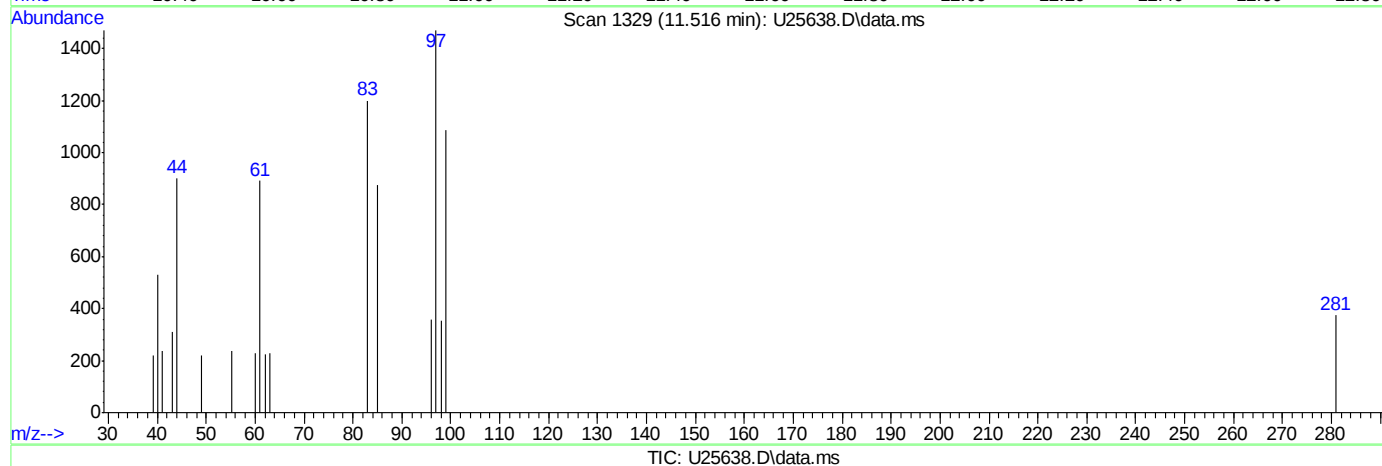
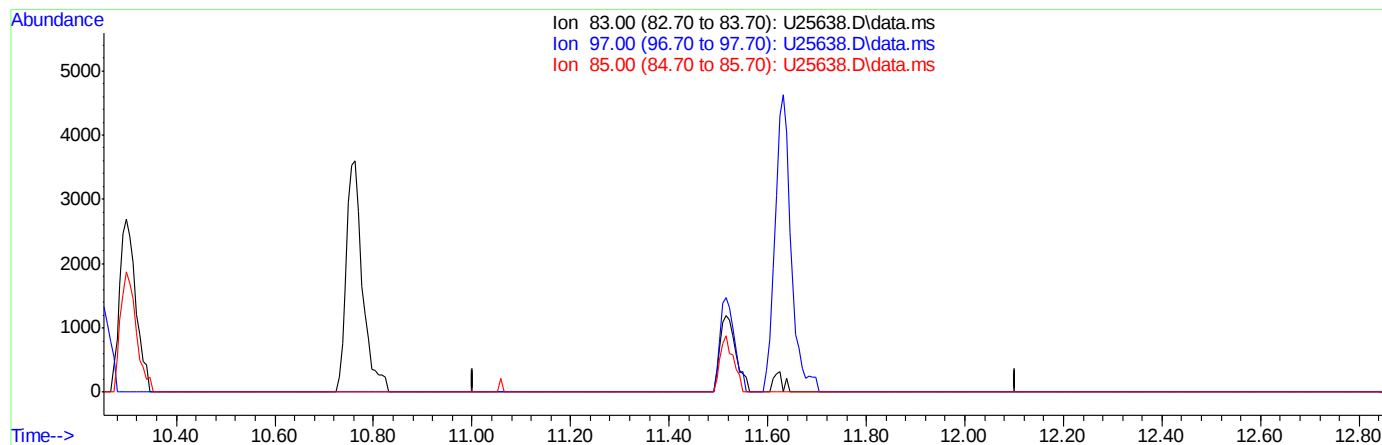
response 4345

Ion	Exp%	Act%
75.00	100	100
110.00	26.20	26.67
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25638.D
Acq On : 15 Jan 2015 6:16 pm
Operator : GaryK
Sample : ic1085-2
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 16 09:06:15 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(64) 1,1,2-trichloroethane (P)

11.513min (-11.513) 0.00ppb

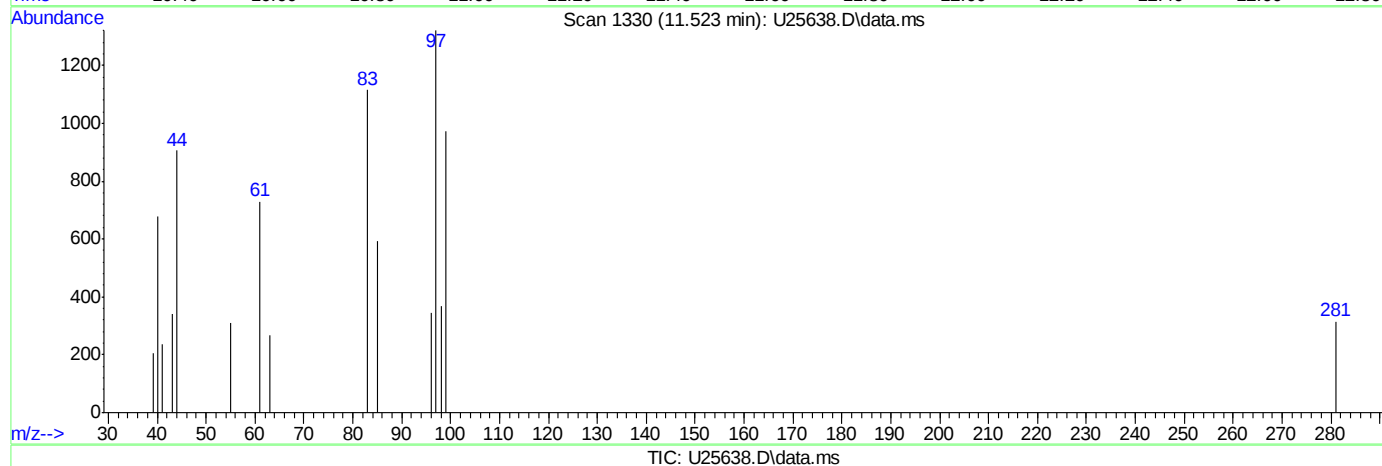
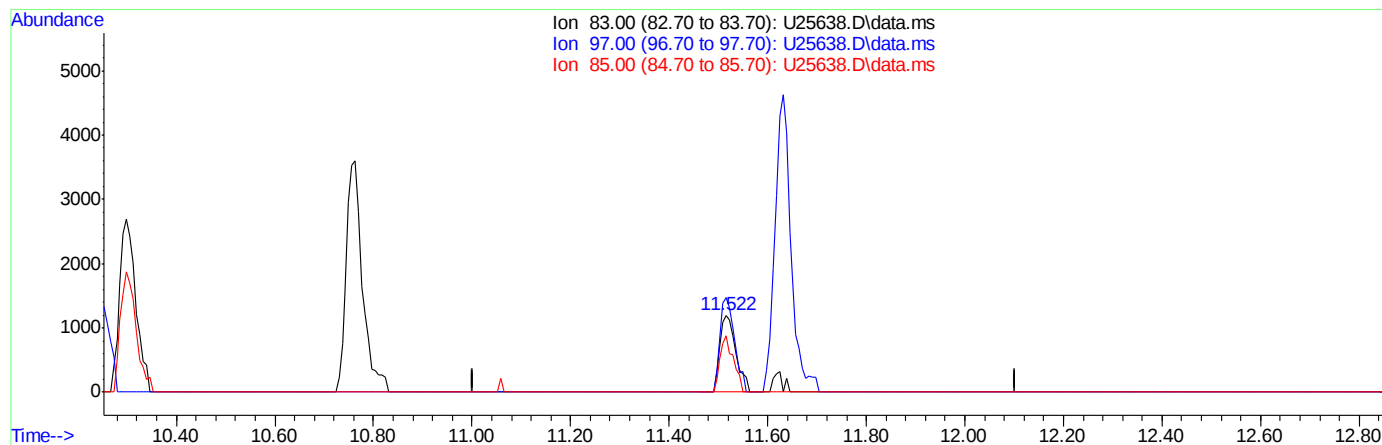
response 0

Ion	Exp%	Act%
83.00	100	0.00
97.00	117.00	0.00#
85.00	65.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25638.D
Acq On : 15 Jan 2015 6:16 pm
Operator : GaryK
Sample : ic1085-2
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 16 09:06:15 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(64) 1,1,2-trichloroethane (P)

11.523min (+0.010) 1.62ppb m

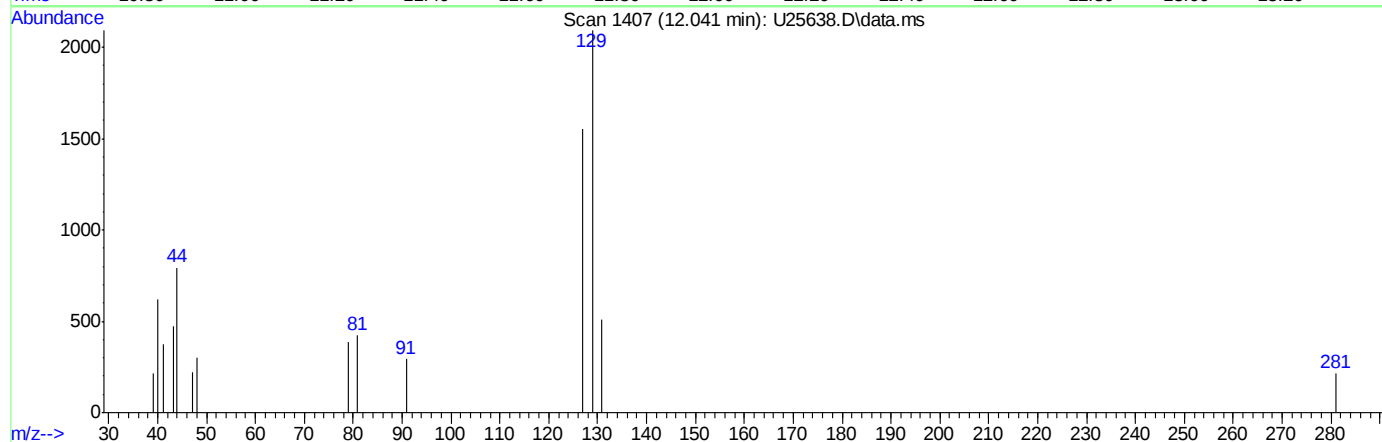
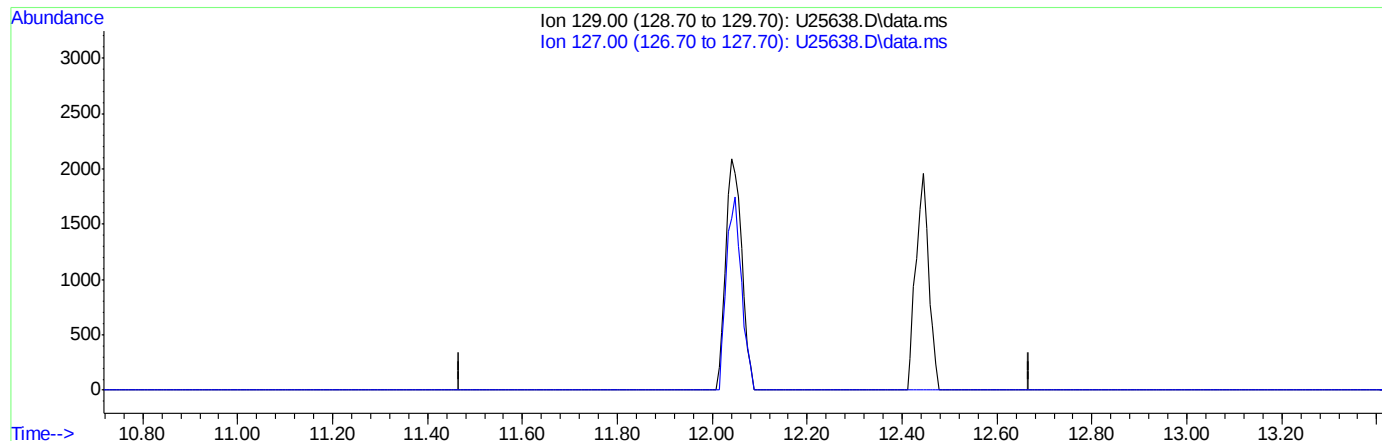
response 2706

Ion	Exp%	Act%
83.00	100	100
97.00	117.00	118.58
85.00	65.00	53.05
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25638.D
Acq On : 15 Jan 2015 6:16 pm
Operator : GaryK
Sample : ic1085-2
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 16 09:06:15 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25638.D\data.ms

(69) dibromochloromethane (P)

12.038min (-12.038) 0.00ppb

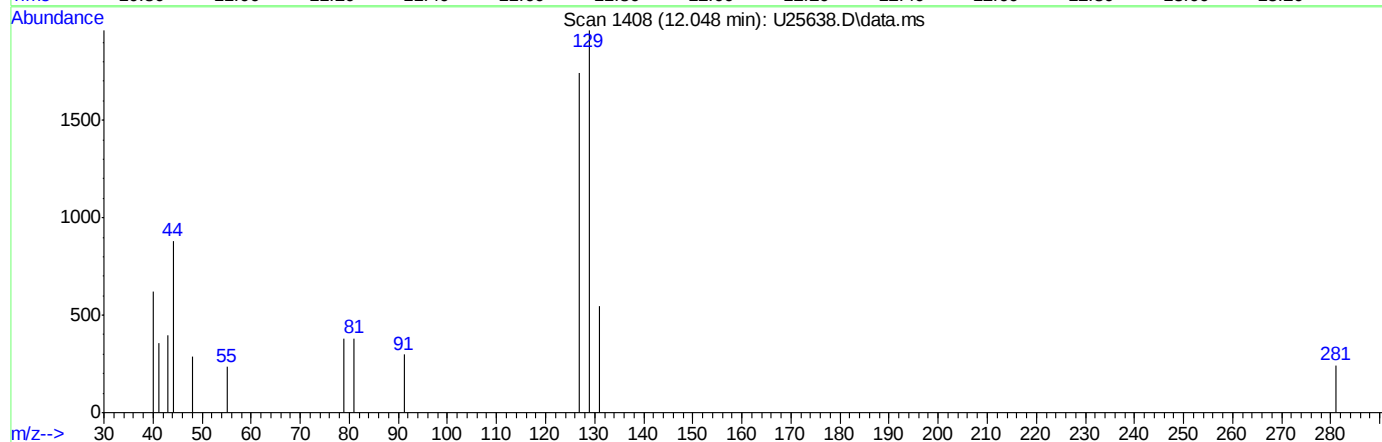
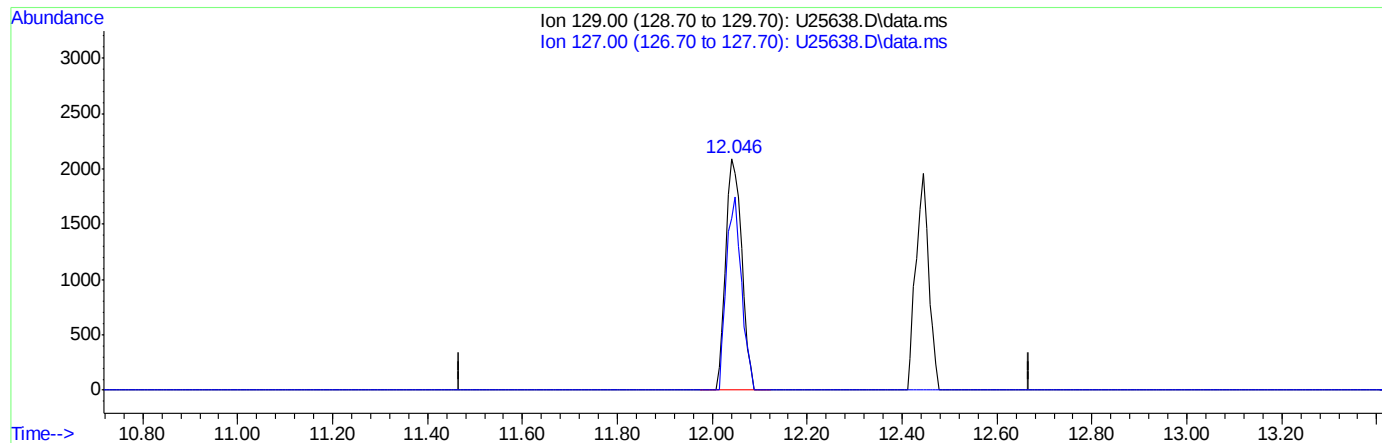
response 0

Ion	Exp%	Act%
129.00	100	0.00
127.00	79.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25638.D
Acq On : 15 Jan 2015 6:16 pm
Operator : GaryK
Sample : ic1085-2
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 16 09:06:15 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25638.D\data.ms

(69) dibromochloromethane (P)

12.048min (+0.010) 1.75ppb m

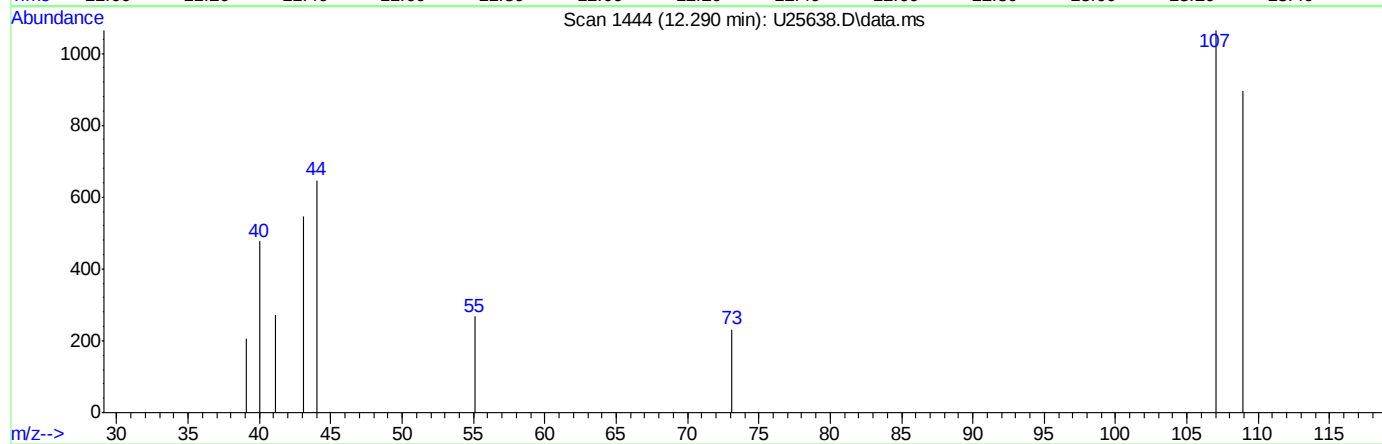
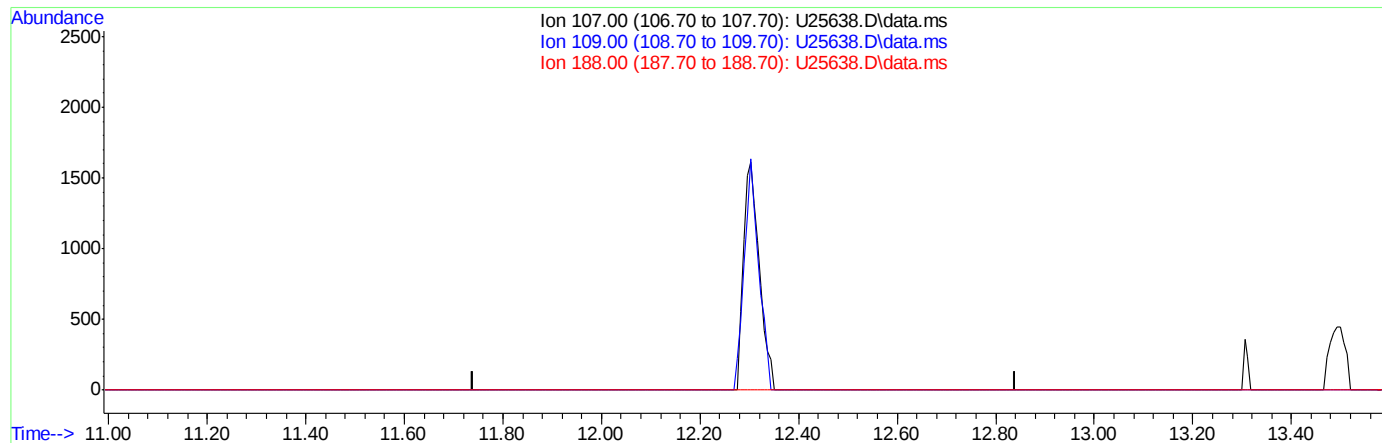
response 4870

Ion	Exp%	Act%
129.00	100	100
127.00	79.70	88.83
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25638.D
Acq On : 15 Jan 2015 6:16 pm
Operator : GaryK
Sample : ic1085-2
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 16 09:06:15 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25638.D\data.ms

(70) 1,2-dibromoethane (P)

12.290min (-12.290) 0.00ppb

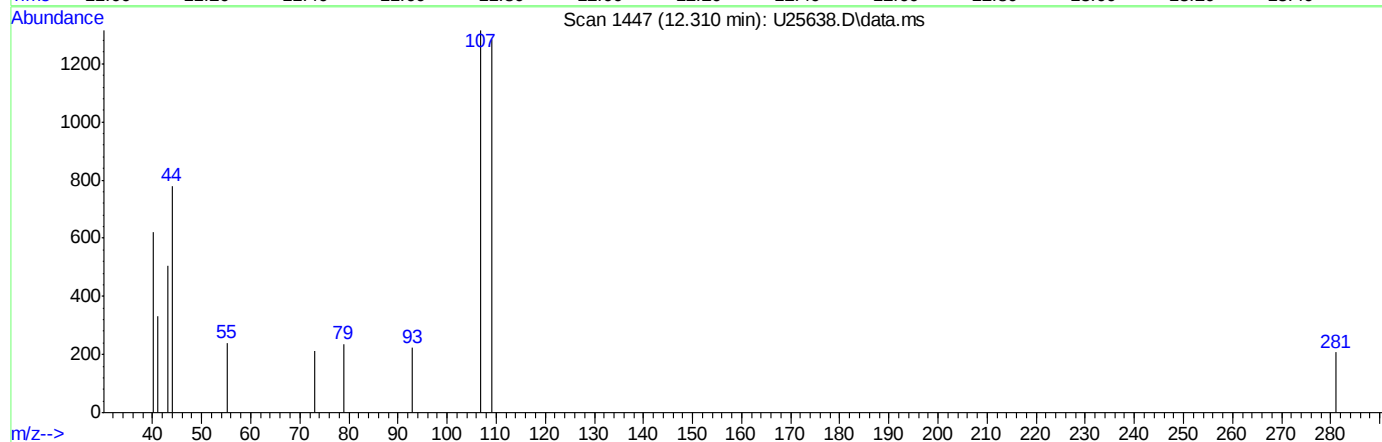
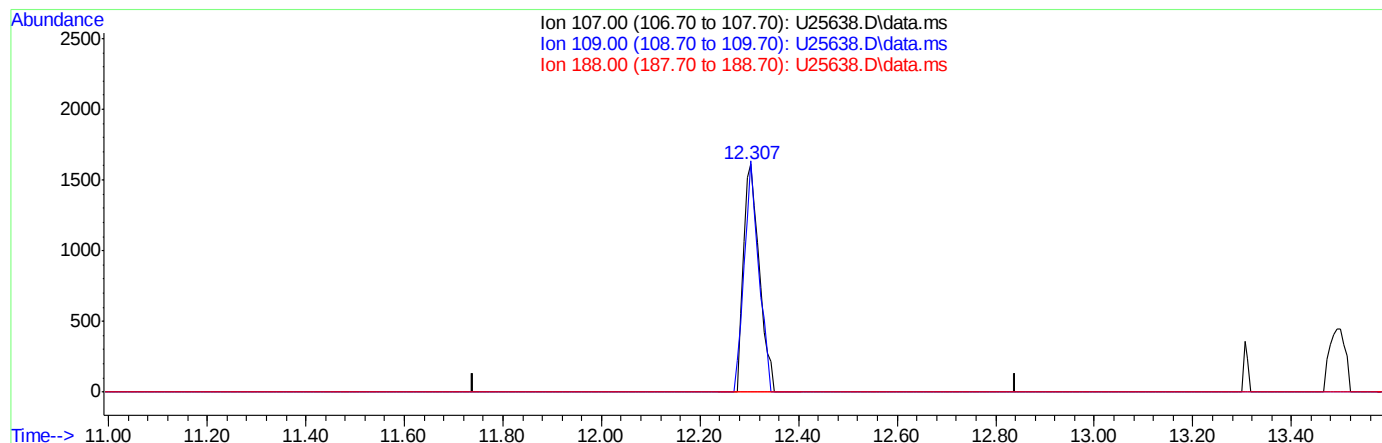
response 0

Ion	Exp%	Act%
107.00	100	0.00
109.00	92.50	0.00#
188.00	3.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25638.D
Acq On : 15 Jan 2015 6:16 pm
Operator : GaryK
Sample : ic1085-2
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 16 09:06:15 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25638.D\data.ms

(70) 1,2-dibromoethane (P)

12.310min (+0.019) 1.76ppb m

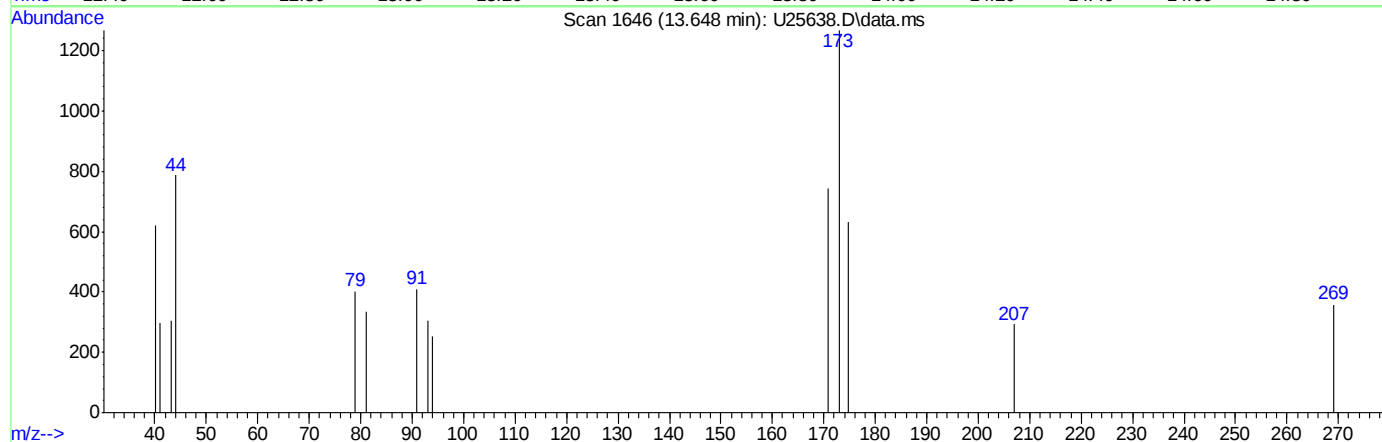
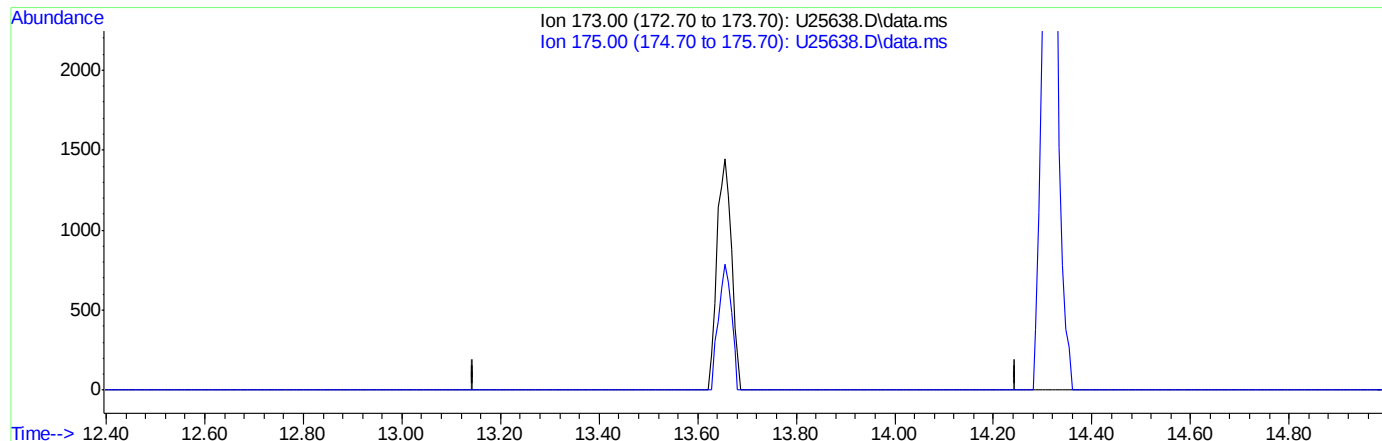
response 3537

Ion	Exp%	Act%
107.00	100	100
109.00	92.50	97.64
188.00	3.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25638.D
Acq On : 15 Jan 2015 6:16 pm
Operator : GaryK
Sample : ic1085-2
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 16 09:06:15 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25638.D\data.ms

(78) bromoform (P)

13.645min (-13.645) 0.00ppb

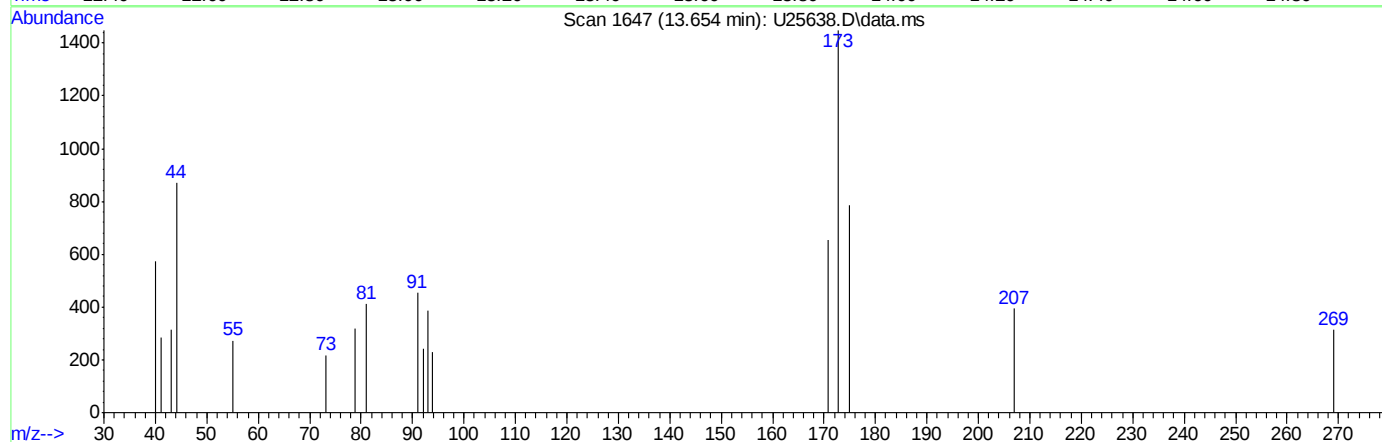
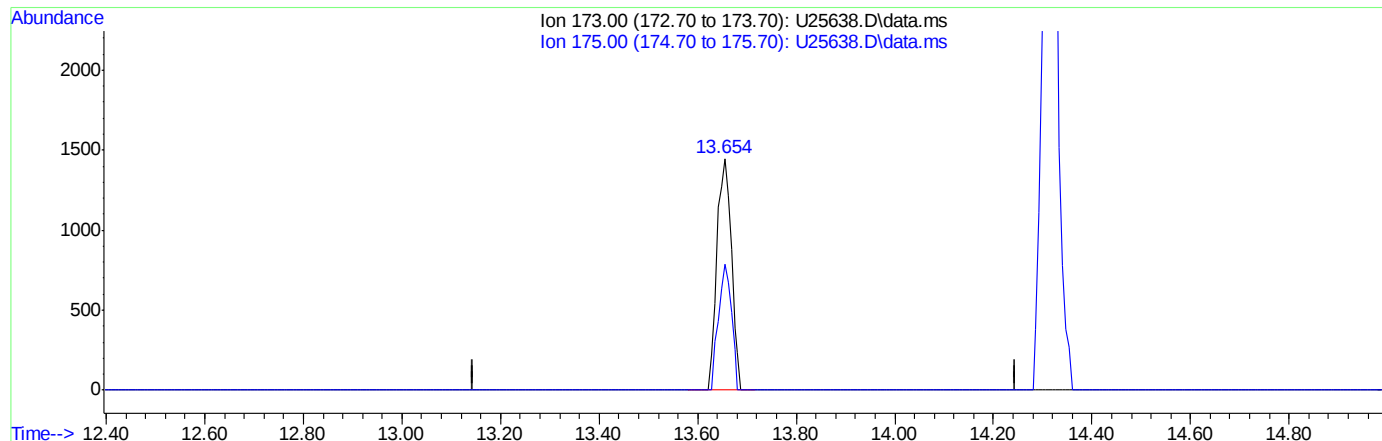
response 0

Ion	Exp%	Act%
173.00	100	0.00
175.00	48.60	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25638.D
Acq On : 15 Jan 2015 6:16 pm
Operator : GaryK
Sample : ic1085-2
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 16 09:06:15 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25638.D\data.ms

(78) bromoform (P)

13.654min (+0.009) 1.72ppb m

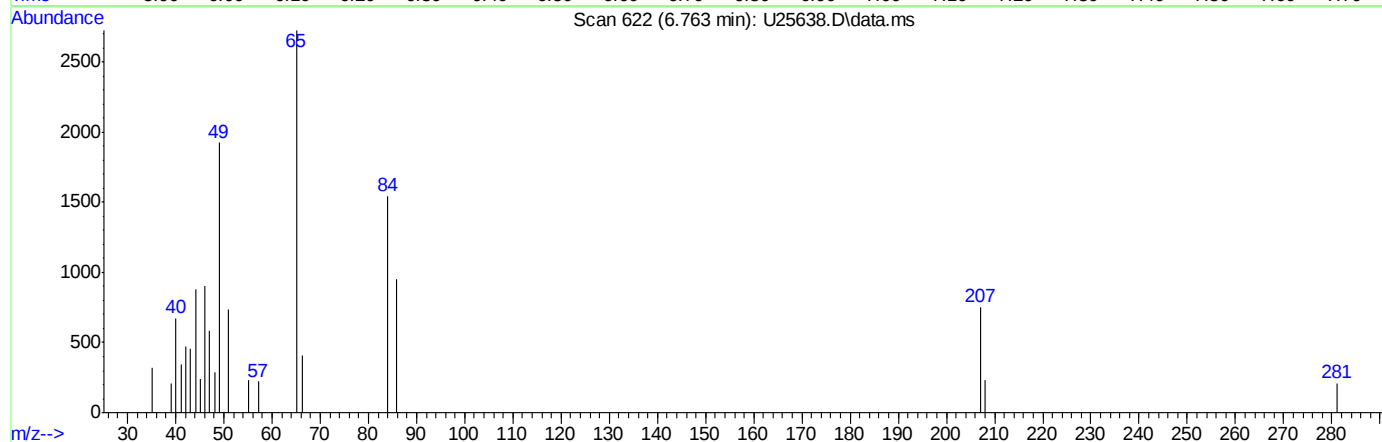
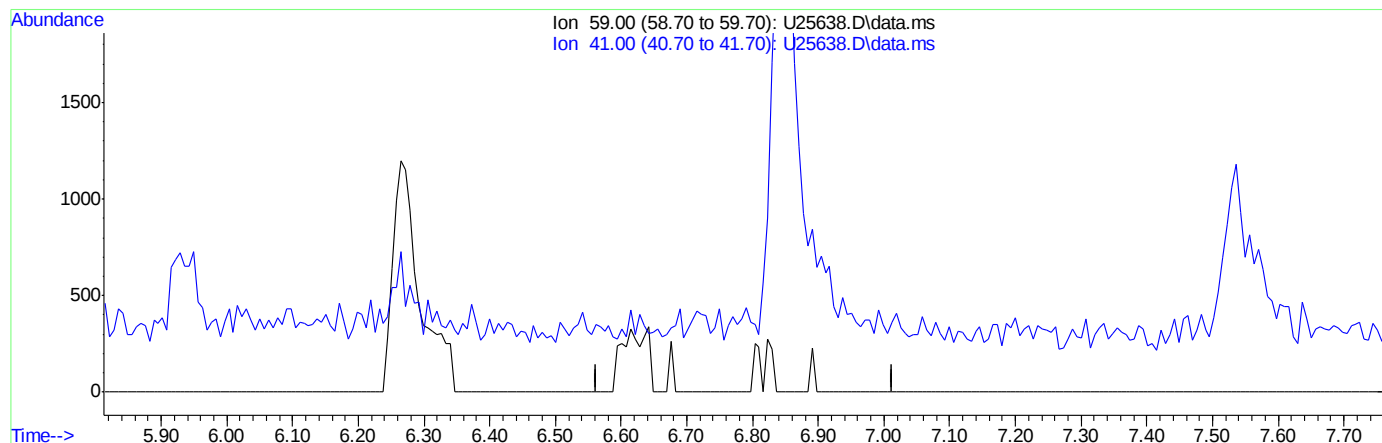
response 2957

Ion	Exp%	Act%
173.00	100	100
175.00	48.60	54.28
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25638.D
Acq On : 15 Jan 2015 6:16 pm
Operator : GaryK
Sample : ic1085-2
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 16 09:06:15 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25638.D\data.ms

(2) tertiary butyl alcohol (P)

6.763min (-6.763) 0.00ppb

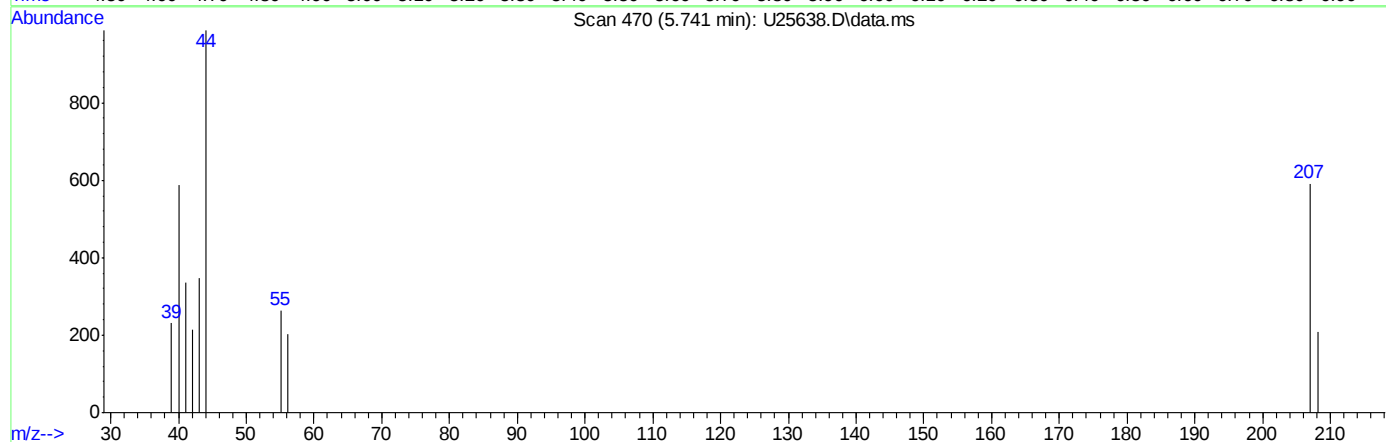
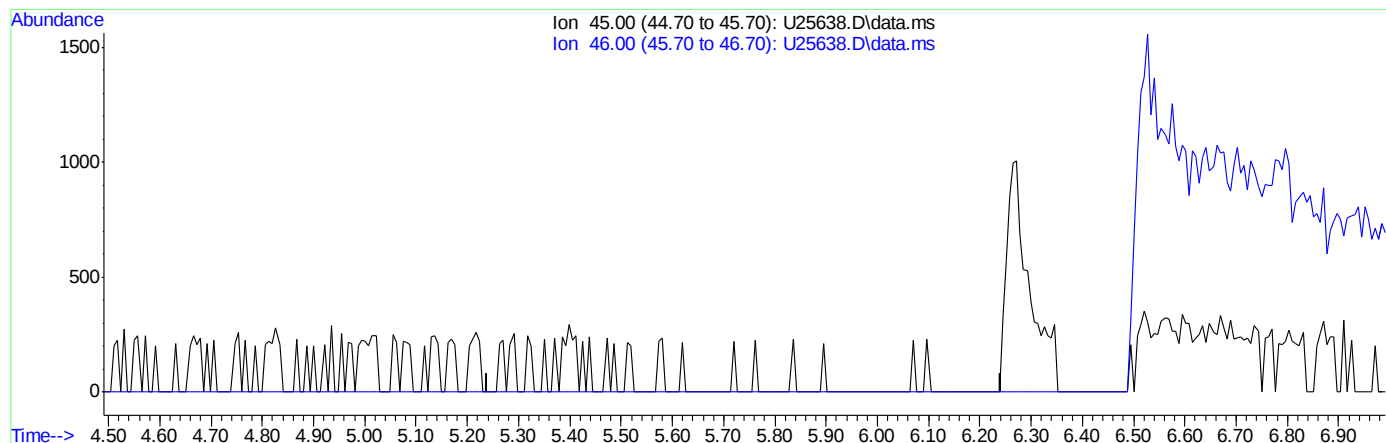
response 0

Ion	Exp%	Act%
59.00	100	0.00
41.00	23.90	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25638.D
Acq On : 15 Jan 2015 6:16 pm
Operator : GaryK
Sample : ic1085-2
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 16 09:06:15 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25638.D\data.ms

(3) Ethanol (P)

5.741min (-5.741) 0.00ppb

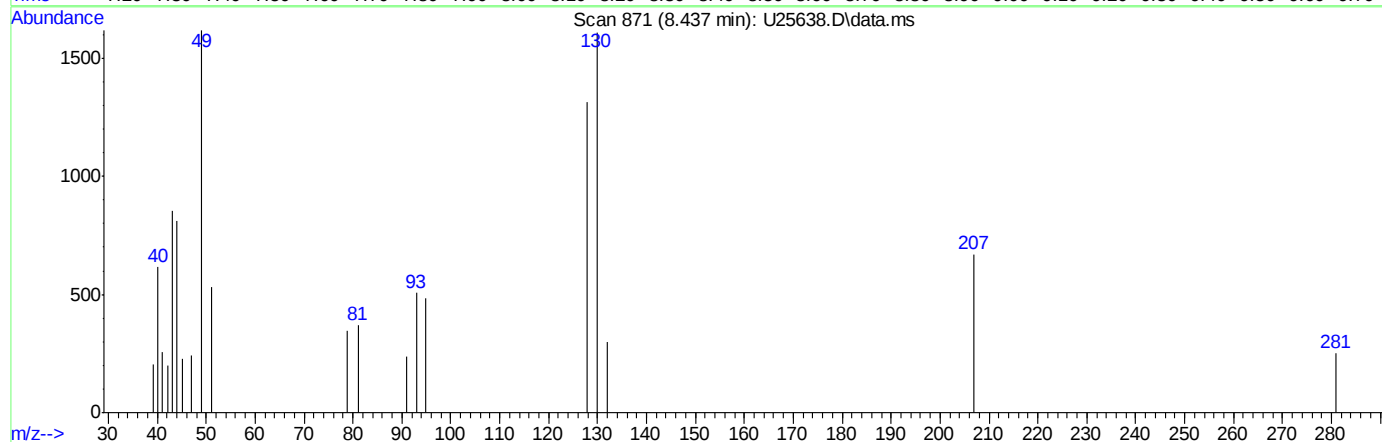
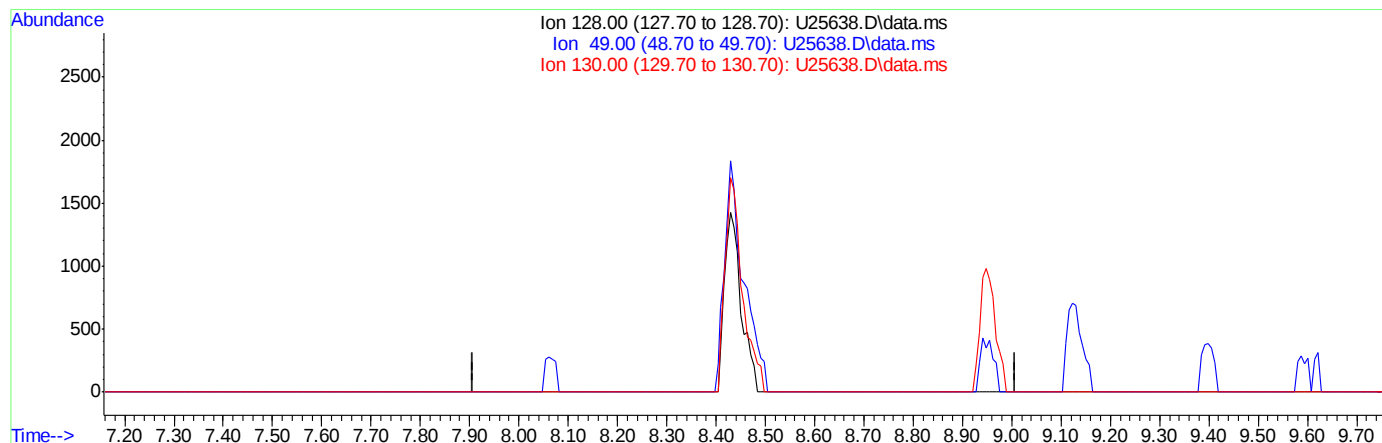
response 0

Ion	Exp%	Act%
45.00	100	0.00
46.00	35.30	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25638.D
Acq On : 15 Jan 2015 6:16 pm
Operator : GaryK
Sample : ic1085-2
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 16 11:19:57 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25638.D\data.ms

(38) bromochloromethane (P)

8.438min (-8.438) 0.00ppb

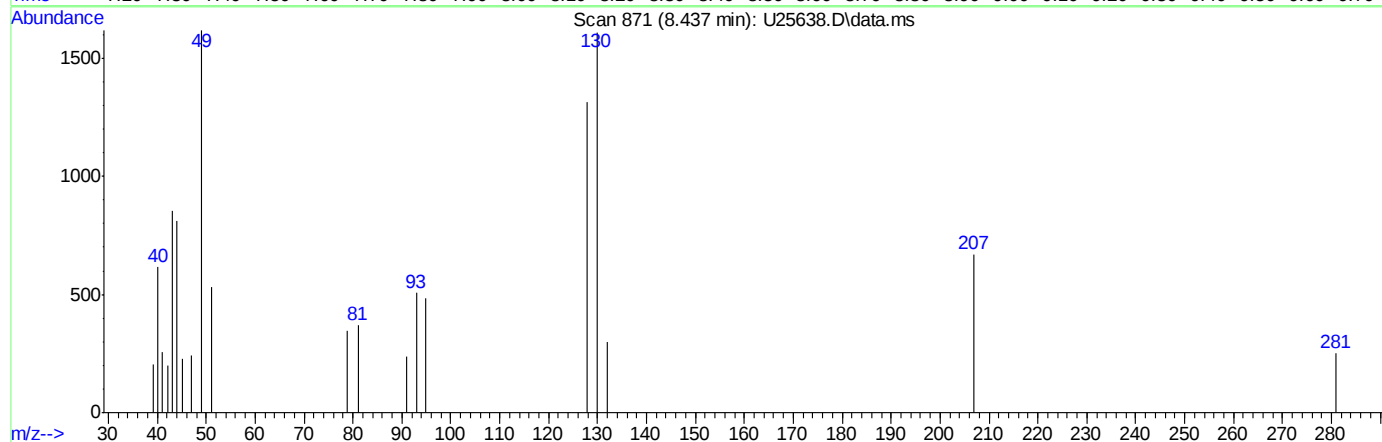
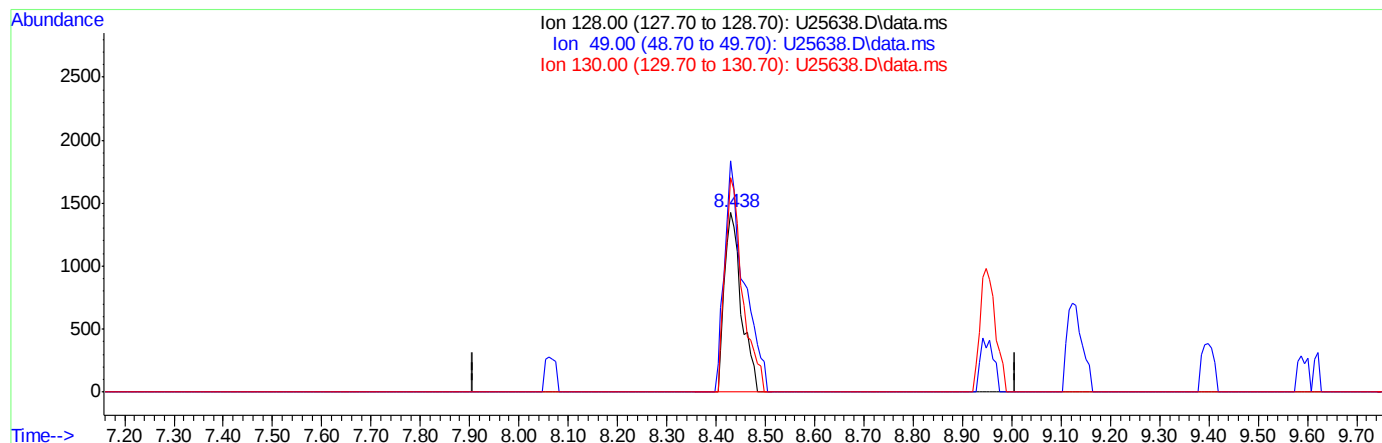
response 0

Ion	Exp%	Act%
128.00	100	0.00
49.00	252.30	0.00#
130.00	126.50	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25638.D
Acq On : 15 Jan 2015 6:16 pm
Operator : GaryK
Sample : ic1085-2
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 16 11:19:57 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25638.D\data.ms

(38) bromochloromethane (P)

8.437min (-0.001) 1.65ppb m

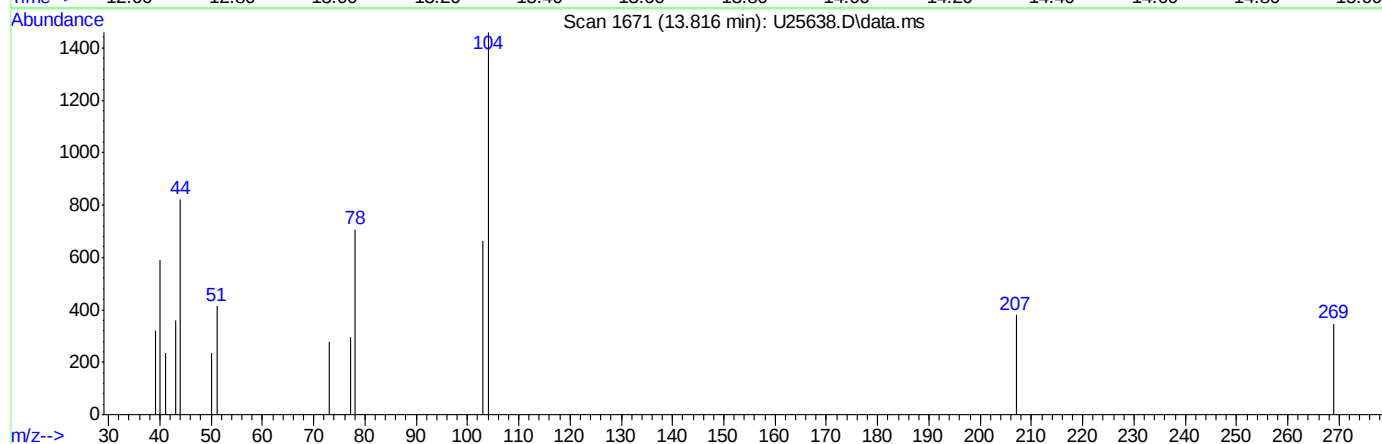
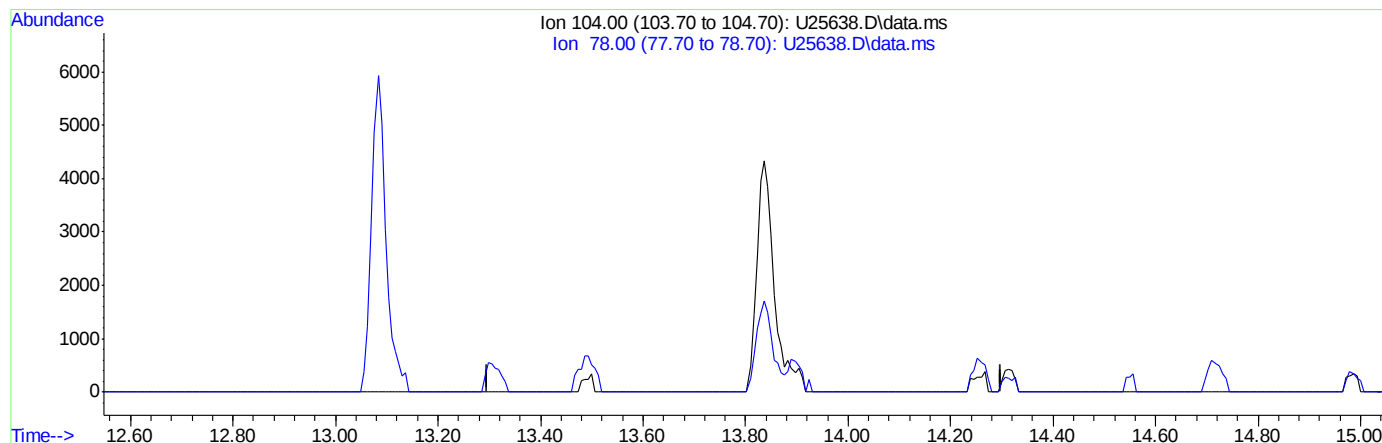
response 3343

Ion	Exp%	Act%
128.00	100	100
49.00	252.30	122.97#
130.00	126.50	122.28
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25638.D
Acq On : 15 Jan 2015 6:16 pm
Operator : GaryK
Sample : ic1085-2
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 16 11:19:57 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(77) styrene (P)

13.818min 0.00ppb d

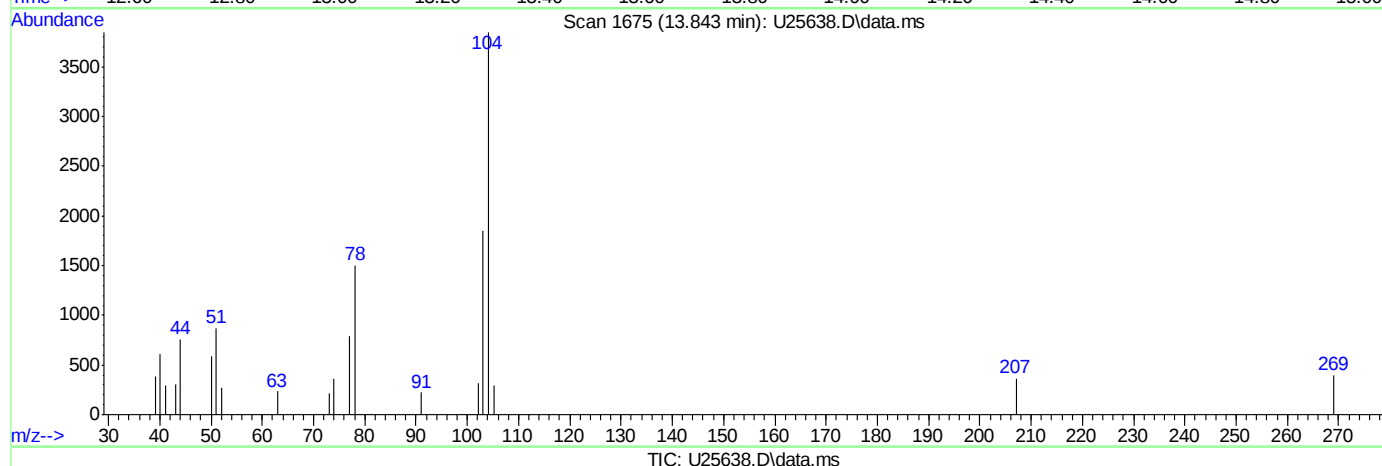
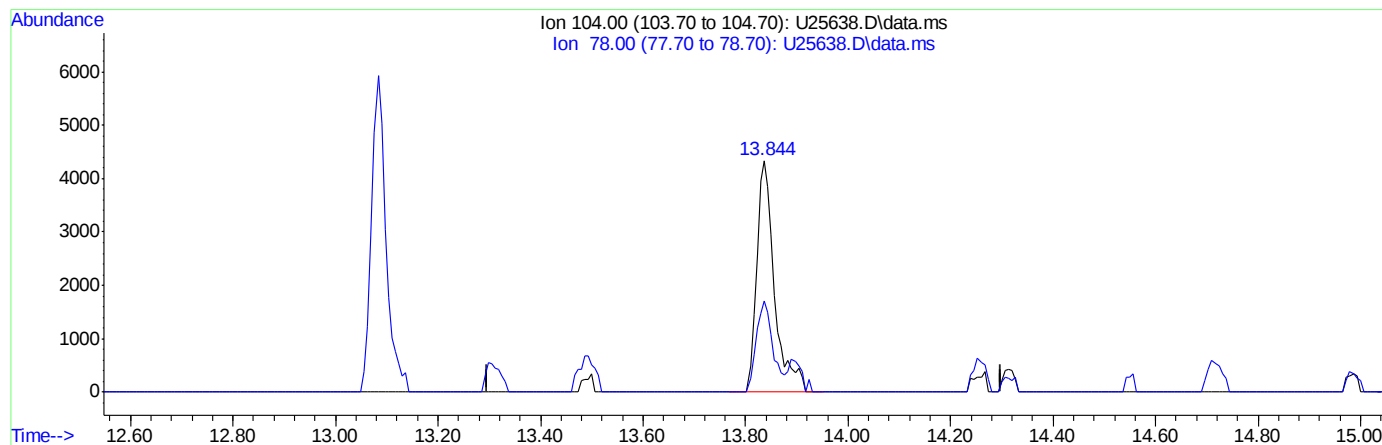
response 0

Ion	Exp%	Act%
104.00	100	0.00
78.00	43.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25638.D
Acq On : 15 Jan 2015 6:16 pm
Operator : GaryK
Sample : ic1085-2
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 16 11:19:57 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(77) styrene (P)

13.843min (+0.025) 1.85ppb m

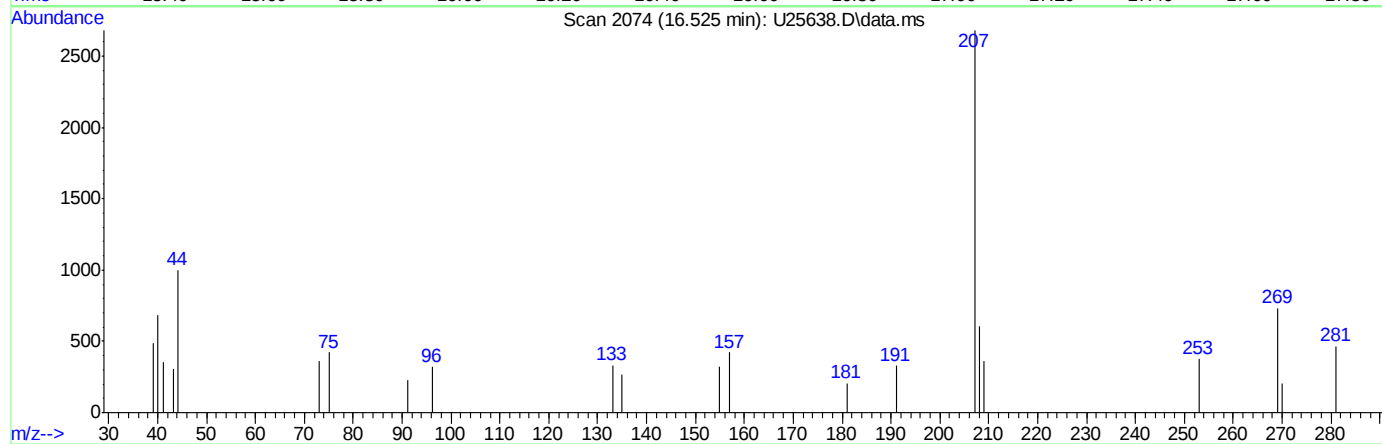
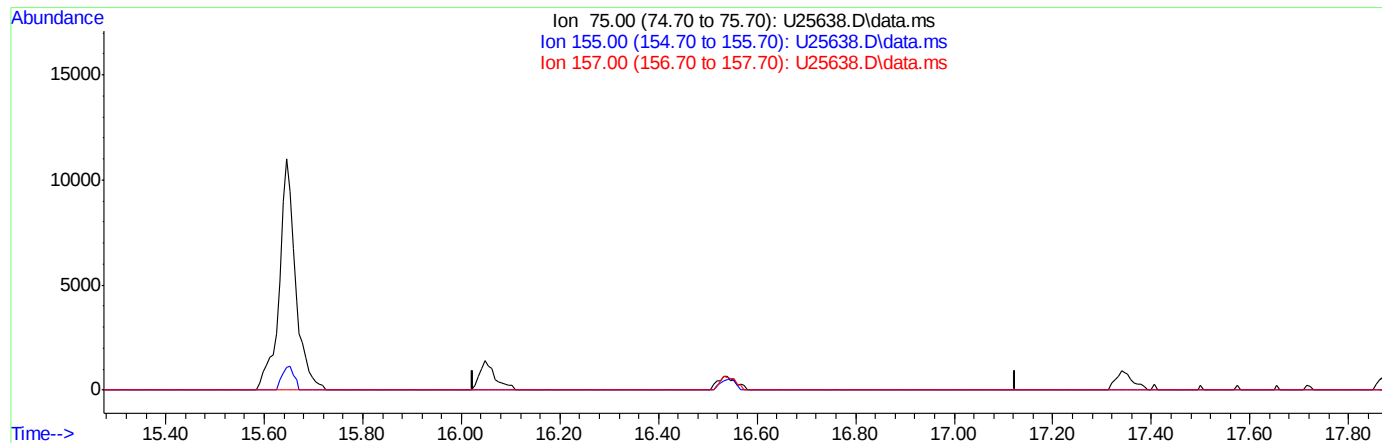
response 10501

Ion	Exp%	Act%
104.00	100	100
78.00	43.00	39.03
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25638.D
Acq On : 15 Jan 2015 6:16 pm
Operator : GaryK
Sample : ic1085-2
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 16 11:19:57 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(98) 1,2-dibromo-3-chloropropane (P)

16.525min (-16.525) 0.00ppb

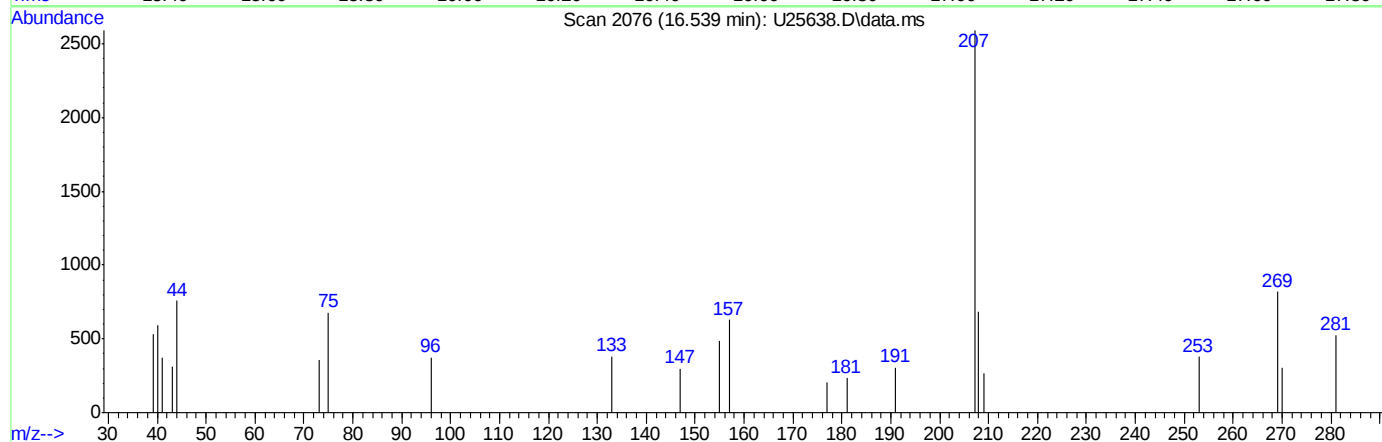
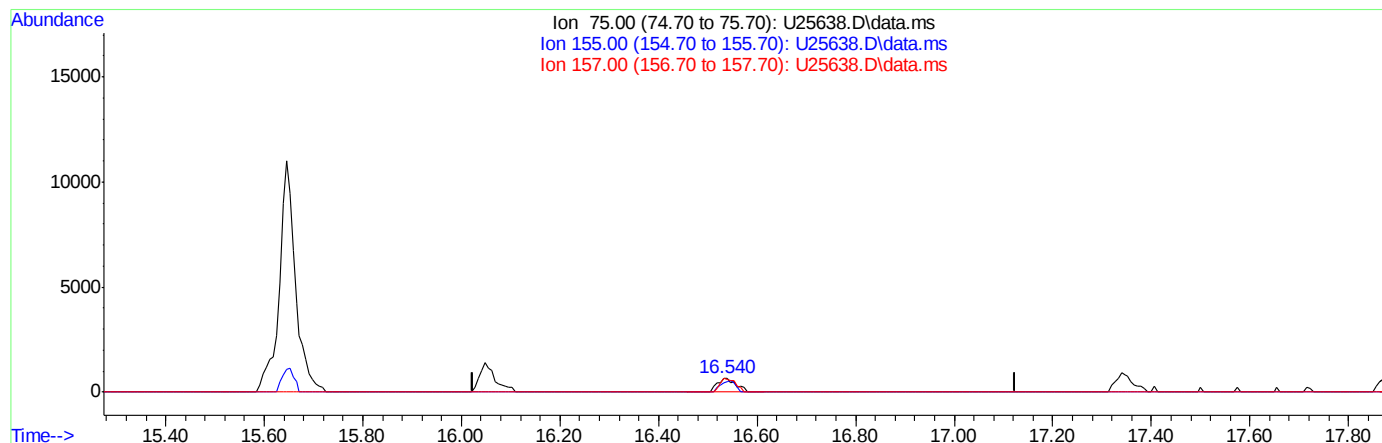
response 0

Ion	Exp%	Act%
75.00	100	0.00
155.00	80.80	0.00#
157.00	117.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25638.D
Acq On : 15 Jan 2015 6:16 pm
Operator : GaryK
Sample : ic1085-2
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 16 11:19:57 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(98) 1,2-dibromo-3-chloropropane (P)

16.539min (+0.014) 2.26ppb m

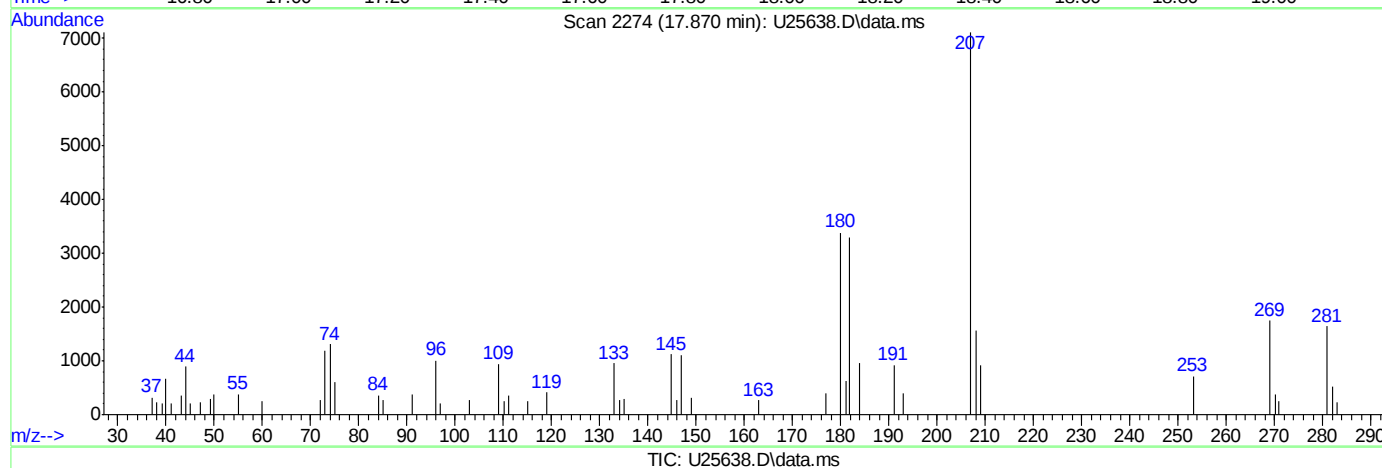
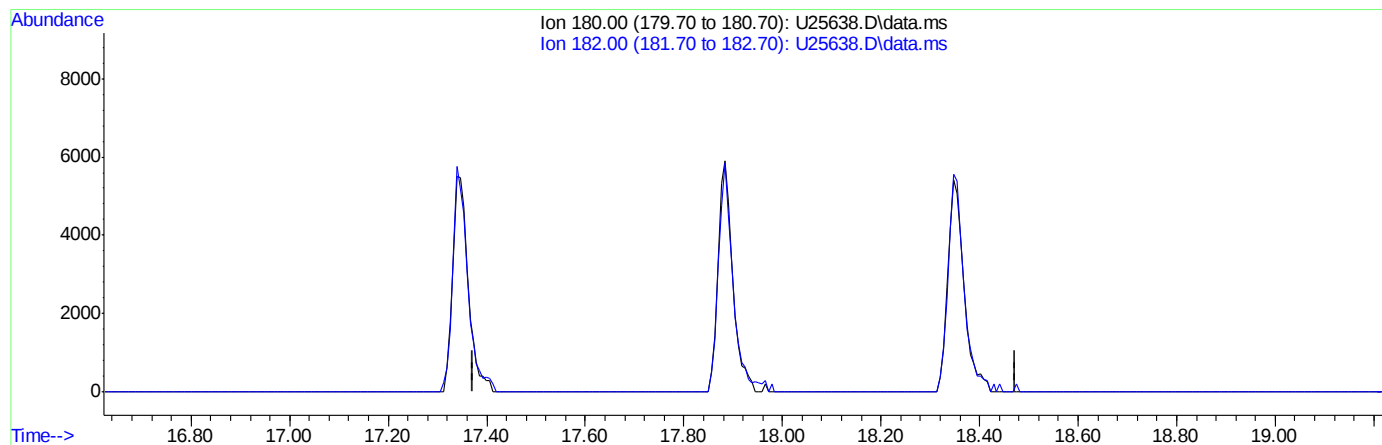
response 1668

Ion	Exp%	Act%
75.00	100	100
155.00	80.80	72.19
157.00	117.10	92.90
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25638.D
Acq On : 15 Jan 2015 6:16 pm
Operator : GaryK
Sample : ic1085-2
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 16 11:19:57 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(100) 1,2,4-trichlorobenzene (P)

17.873min 0.00ppb d

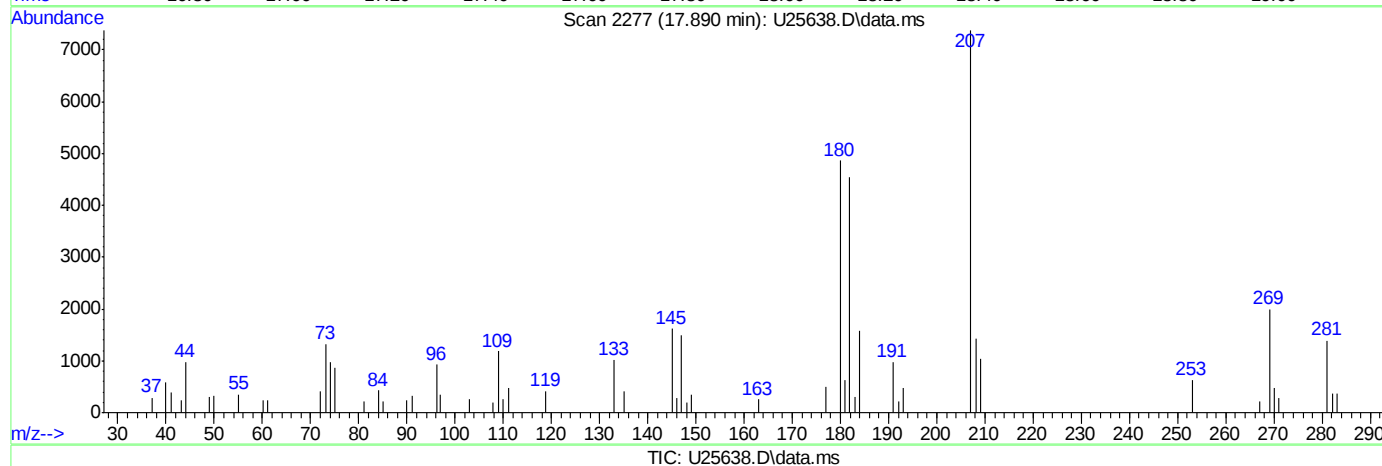
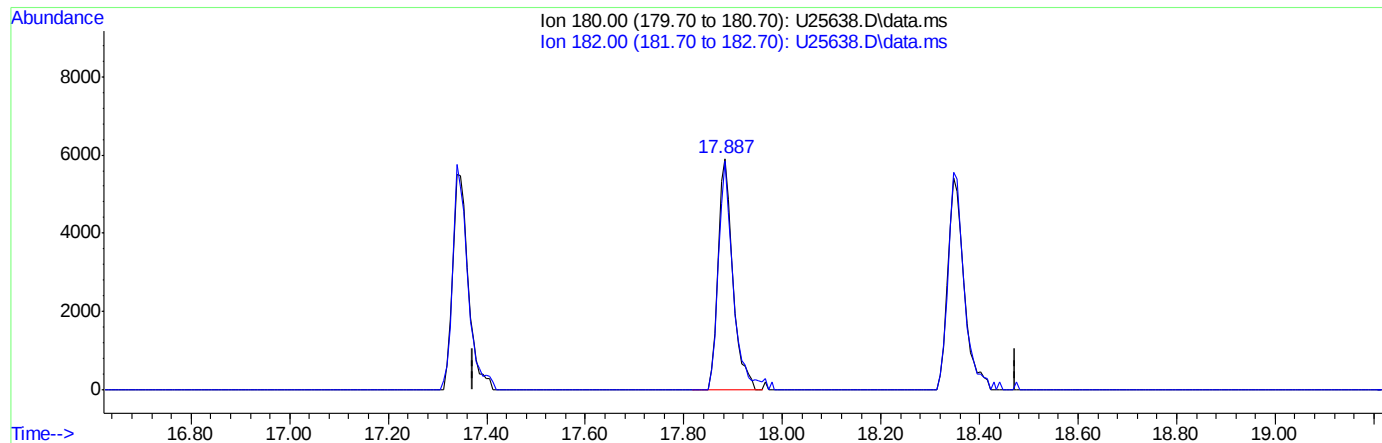
response 0

Ion	Exp%	Act%
180.00	100	0.00
182.00	101.60	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25638.D
Acq On : 15 Jan 2015 6:16 pm
Operator : GaryK
Sample : ic1085-2
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 16 11:19:57 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(100) 1,2,4-trichlorobenzene (P)

17.890min (+0.017) 1.82ppb m

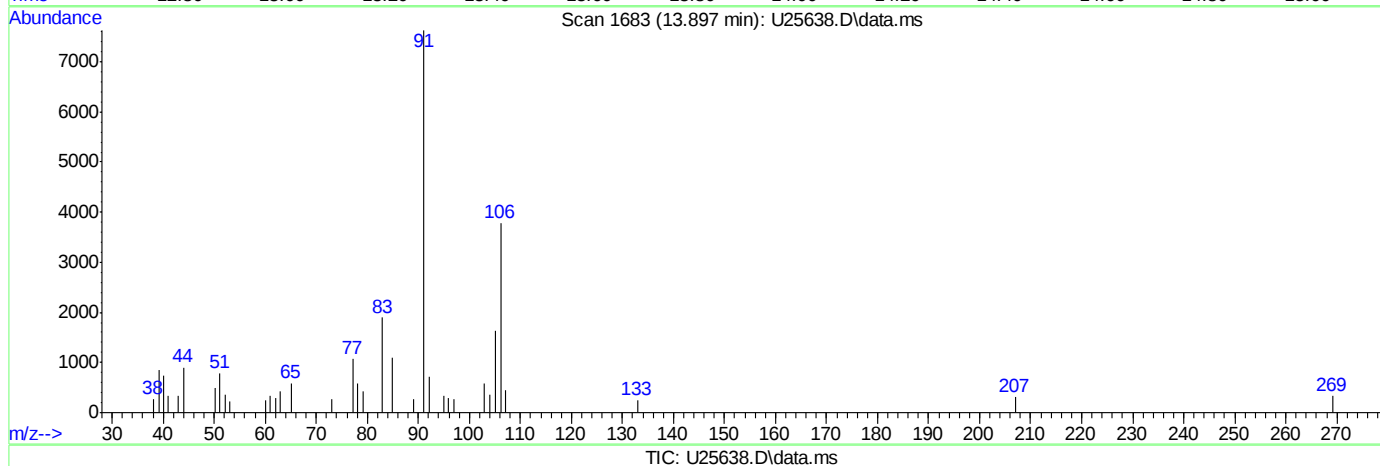
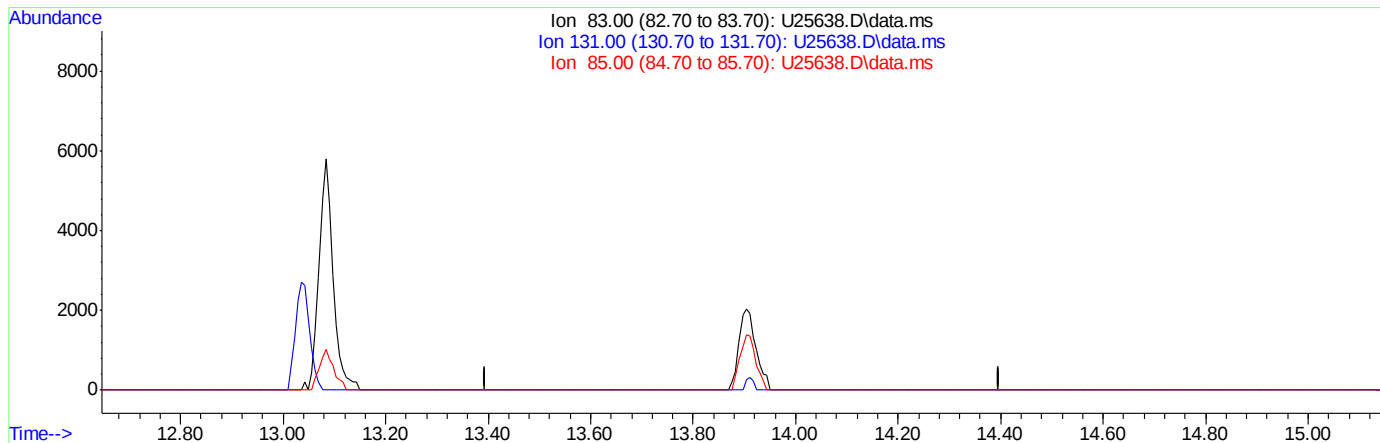
response 12035

Ion	Exp%	Act%
180.00	100	100
182.00	101.60	93.25
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25638.D
Acq On : 15 Jan 2015 6:16 pm
Operator : GaryK
Sample : ic1085-2
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 16 13:40:42 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(84) 1,1,2,2-tetrachloroethane (P)

13.897min (-13.897) 0.00ppb

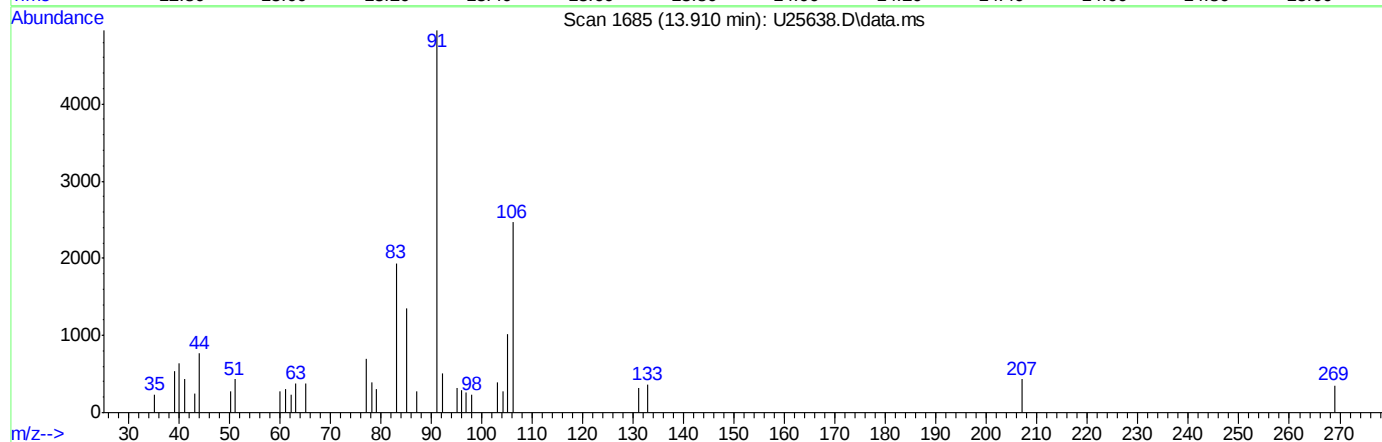
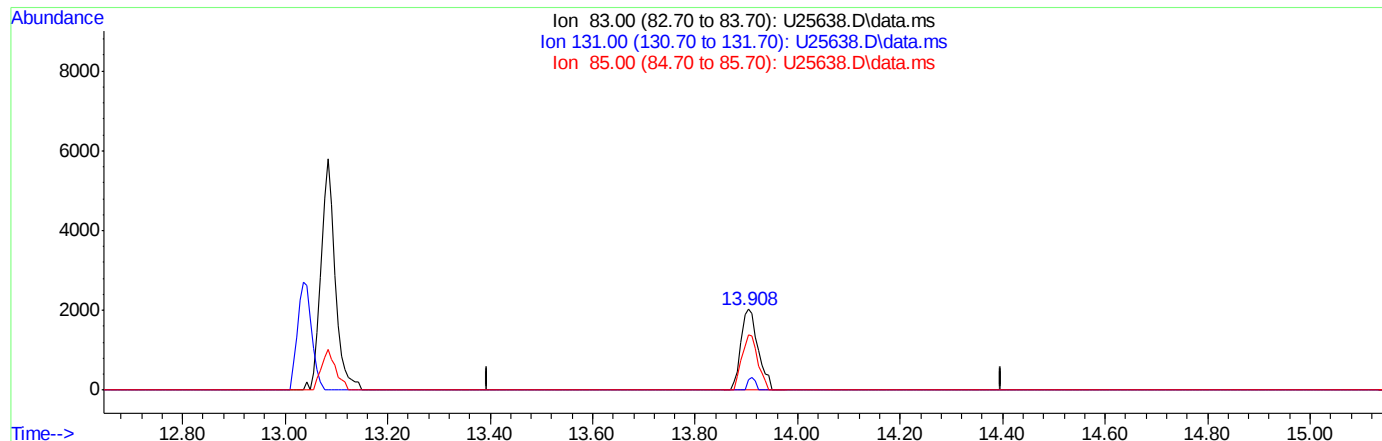
response 0

Ion	Exp%	Act%
83.00	100	0.00
131.00	10.80	0.00
85.00	64.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25638.D
Acq On : 15 Jan 2015 6:16 pm
Operator : GaryK
Sample : ic1085-2
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 16 13:40:42 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25638.D\data.ms

(84) 1,1,2,2-tetrachloroethane (P)

13.910min (+0.013) 1.70ppb m

response 4610

Ion	Exp%	Act%
83.00	100	100
131.00	10.80	16.34
85.00	64.60	69.86
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150115\
 Data File : U25639.D
 Acq On : 15 Jan 2015 6:44 pm
 Operator : GaryK
 Sample : ic1085-5
 Misc : ms33699,msu1085,,,,5,1
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 16 12:16:32 2015
 Quant Method : D:\msdchem\1\methods\U150115w.m
 Quant Title : SW-846 Method 8260
 QLast Update : Fri Jan 16 08:55:23 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	6.699	65	105302	500.00	ppb	0.01
4) pentafluorobenzene	8.959	168	319036	50.00	ppb	0.00
43) 1,4-difluorobenzene	9.827	114	462854	50.00	ppb	0.00
66) chlorobenzene-d5	13.085	82	168325	50.00	ppb	# 0.00
80) 1,4-dichlorobenzene-d4	15.648	152	226053	50.00	ppb	0.00
System Monitoring Compounds						
40) dibromofluoromethane (s)	8.597	113	173131	49.66	ppb	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.32%		
60) toluene-d8 (s)	11.624	98	444841	47.81	ppb	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.62%		
82) bromofluorobenzene (s)	14.313	95	158449	47.40	ppb	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.80%		
Target Compounds						
						Qvalue
2) tertiary butyl alcohol	6.756	59	13608m	50.43	ppb	
3) Ethanol	5.727	45	11183m	659.59	ppb	
5) dichlorodifluoromethane	4.340	85	30167	5.39	ppb	96
6) chloromethane	4.532	50	25578	5.06	ppb	99
7) vinyl chloride	4.790	62	22389	5.14	ppb	98
8) bromomethane	5.256	96	16219	5.63	ppb	96
9) chloroethane	5.397	64	8002	4.85	ppb	91
10) ethyl ether	6.273	59	9676	4.79	ppb	89
11) acetonitrile	6.110	41	3043m	9.09	ppb	
12) trichlorofluoromethane	6.082	101	29520	4.61	ppb	96
13) freon-113	6.824	101	19502	5.08	ppb	84
14) acrolein	6.084	56	202m	7.39	ppb	
15) 1,1-dichloroethene	6.629	96	17482	5.72	ppb	# 75
17) Methyl Acetate	6.883	43	25266	7.11	ppb	# 43
18) methylene chloride	6.769	84	16318	5.37	ppb	# 75
19) methyl tert butyl ether	7.548	73	38391	5.13	ppb	94
20) acrylonitrile	6.701	53	5582	4.92	ppb	85
21) allyl chloride	6.906	41	30379	6.77	ppb	92
22) trans-1,2-dichloroethene	7.451	96	15932	5.54	ppb	# 74
23) iodomethane	6.681	142	36194	5.27	ppb	94
24) carbon disulfide	7.065	76	56653	5.44	ppb	100
25) propionitrile	8.060	54	1128m	5.25	ppb	
26) vinyl acetate	7.826	43	17281	5.32	ppb	92
27) chloroprene	8.067	53	20032	5.12	ppb	78
28) di-isopropyl ether	8.112	45	40521	5.16	ppb	84
29) methacrylonitrile	8.243	41	9284	5.30	ppb	98
30) 2-butanone	8.134	72	999m	2.53	ppb	
31) Ethyl Acetate	8.113	43	38018	5.06	ug/L	# 74
32) Hexane	8.092	41	21250	5.25	ppb	83
33) 1,1-dichloroethane	7.700	63	24025	5.26	ppb	96
34) tert-butyl ethyl ether	8.504	59	41964	5.07	ppb	88
35) isobutyl alcohol	8.507	43	7509	24.73	ppb	# 57
36) 2,2-dichloropropane	8.564	77	18016	5.40	ppb	88
37) cis-1,2-dichloroethene	8.272	96	16865	5.33	ppb	# 73

Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150115\
 Data File : U25639.D
 Acq On : 15 Jan 2015 6:44 pm
 Operator : GaryK
 Sample : ic1085-5
 Misc : ms33699,msu1085,,,,,5,1
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 16 12:16:32 2015
 Quant Method : D:\msdchem\1\methods\U150115w.m
 Quant Title : SW-846 Method 8260
 QLast Update : Fri Jan 16 08:55:23 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) bromochloromethane	8.436	128	10179	5.08	ppb	# 42
39) chloroform	8.476	83	26782	5.32	ppb	99
41) Tetrahydrofuran	8.849	42	6338	6.81	ppb	66
42) 1,1,1-trichloroethane	9.229	97	25324	5.11	ppb	94
44) Cyclohexane	9.516	56	24700	5.41	ppb	# 74
45) carbon tetrachloride	9.591	117	24870	5.30	ppb	97
46) 1,1-dichloropropene	9.401	75	18407	5.42	ppb	85
47) benzene	9.625	78	48701	5.34	ppb	99
48) 1,2-dichloroethane	9.128	62	19895	5.47	ppb	95
49) tert-amyl methyl ether	9.745	73	36998	5.13	ppb	98
50) heptane	10.112	43	15396	5.24	ppb	# 34
51) trichloroethene	10.245	95	16182	5.39	ppb	71
52) 1,2-dichloropropane	10.213	63	11738	5.15	ppb	98
53) dibromomethane	10.188	93	9825	5.22	ppb	86
54) bromodichloromethane	10.301	83	19488	5.15	ppb	95
55) Methylcyclohexane	10.764	83	22778	5.30	ppb	# 78
56) 2-chloroethyl vinyl ether	10.696	63	1259m	3.93	ppb	
57) methyl methacrylate	10.423	69	6591	4.86	ppb	92
58) 1,4-dioxane	10.575	88	871m	131.01	ppb	
59) cis-1,3-dichloropropene	10.925	75	18315	4.96	ppb	80
61) 4-methyl-2-pentanone	11.117	43	18221	7.47	ppb	# 44
62) toluene	11.698	92	27595	4.90	ppb	92
63) trans-1,3-dichloropropene	11.349	75	15447	5.01	ppb	92
64) 1,1,2-trichloroethane	11.516	83	8353	4.96	ppb	98
65) ethyl methacrylate	11.761	69	11509	4.71	ppb	# 1
67) tetrachloroethene	12.441	166	14750	5.61	ppb	98
68) 1,3-dichloropropane	11.755	76	14160	5.20	ppb	89
69) dibromochloromethane	12.042	129	16090	5.34	ppb	98
70) 1,2-dibromoethane	12.297	107	11937	5.47	ppb	87
71) 2-hexanone	11.982	43	7176	5.77	ppb	45
72) chlorobenzene	13.120	112	34019	5.36	ppb	88
73) 1,1,1,2-tetrachloroethane	13.038	131	16322	5.45	ppb	97
74) ethylbenzene	13.303	91	50962	5.36	ppb	92
75) m,p-xylene	13.487	106	42075	10.56	ppb	85
76) o-xylene	13.896	106	23187	5.26	ppb	87
77) styrene	13.831	104	32601	5.31	ppb	99
78) bromoform	13.650	173	9489	5.09	ppb	100
79) trans-1,4-dichloro-2-b...	14.058	53	3546m	5.66	ppb	
81) isopropylbenzene	14.260	105	61287	4.82	ppb	97
83) bromobenzene	14.547	156	16284	4.83	ppb	# 74
84) 1,1,2,2-tetrachloroethane	13.901	83	14557	5.04	ppb	99
85) 1,2,3-trichloropropane	14.055	75	15247	5.21	ppb	99
86) n-propylbenzene	14.710	91	65581	4.97	ppb	88
87) 2-chlorotoluene	14.822	91	41506	5.02	ppb	76
88) 4-chlorotoluene	14.904	91	39961	5.14	ppb	85
89) 1,3,5-trimethylbenzene	14.983	105	54474	4.69	ppb	91
90) tert-butylbenzene	15.285	91	30144	4.42	ppb	85
91) 1,2,4-trimethylbenzene	15.389	105	56734	4.74	ppb	99
92) sec-butylbenzene	15.508	105	70396	4.57	ppb	95
93) 1,3-dichlorobenzene	15.610	146	34272	5.15	ppb	99

Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25639.D
Acq On : 15 Jan 2015 6:44 pm
Operator : GaryK
Sample : ic1085-5
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 16 12:16:32 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) p-isopropyltoluene	15.688	119	66743	4.75	ppb	97
95) 1,4-dichlorobenzene	15.676	146	35632	5.17	ppb	97
96) 1,2-dichlorobenzene	16.050	146	38132	5.09	ppb	98
97) n-butylbenzene	16.118	91	59037	5.16	ppb	85
98) 1,2-dibromo-3-chloropr...	16.532	75	4061m	5.16	ppb	
99) 1,3,5-trichlorobenzene	17.341	180	37786	5.35	ug/L	93
100) 1,2,4-trichlorobenzene	17.880	180	38513	5.48	ppb	91
101) hexachlorobutadiene	18.162	225	13957	4.92	ppb	92
102) naphthalene	18.147	128	102097	5.19	ppb	100
103) 2-Methylnaphthalene	19.522	142	30311	2.54	ug/L	90
104) 1-Methylnaphthalene	19.756	142	23070	2.54	ug/L	91
105) 1,2,3-trichlorobenzene	18.350	180	37208	5.42	ppb	94

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

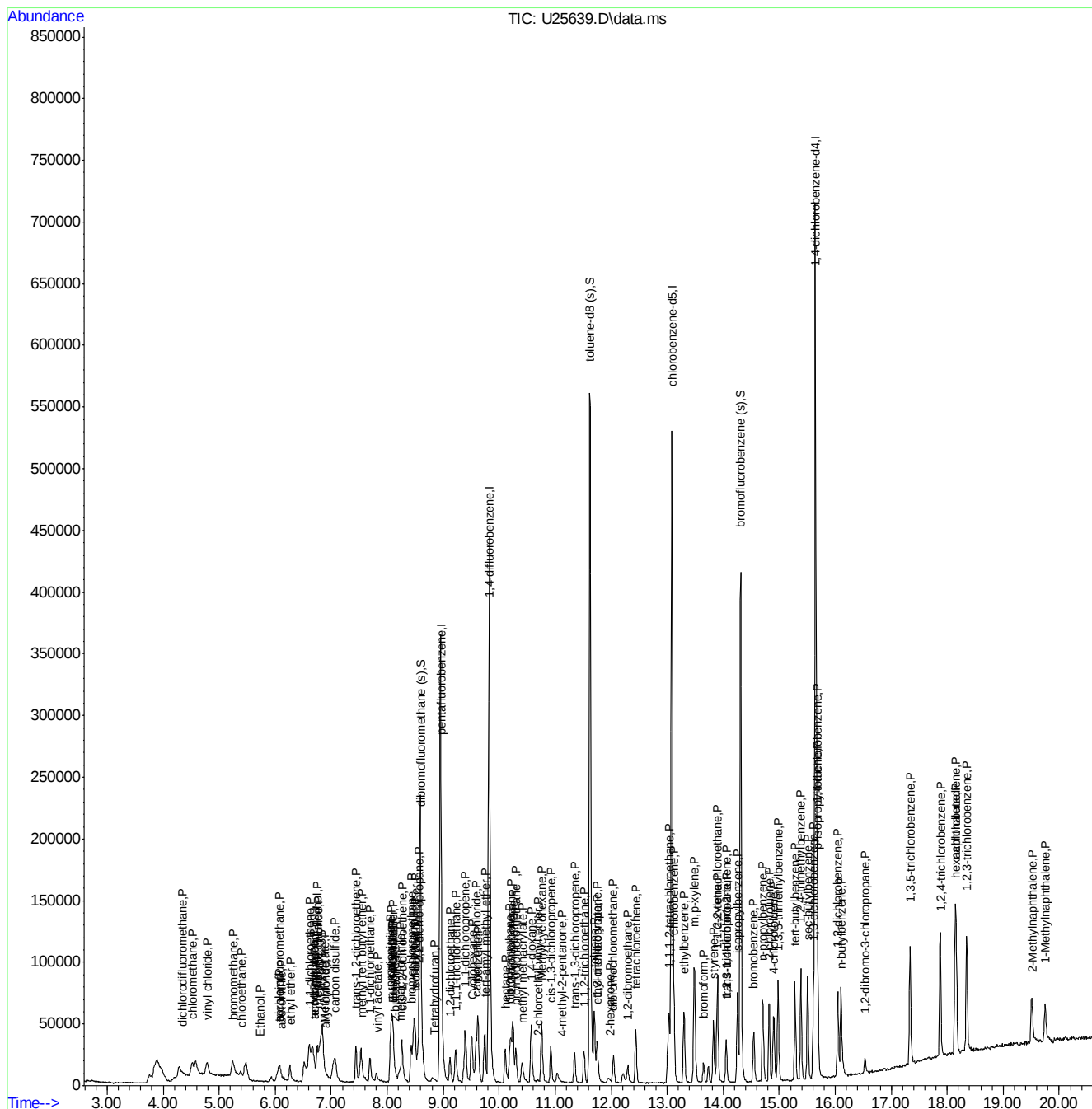
Quantitation Report (QT Reviewed)

```

Data Path   : D:\msdchem\1\data\U150115\
Data File   : U25639.D
Acq On      : 15 Jan 2015    6:44 pm
Operator    : GaryK
Sample      : ic1085-5
Misc        : ms33699,msu1085,,,,,5,1
ALS Vial    : 22      Sample Multiplier: 1

```

Quant Time: Jan 16 12:16:32 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



U150115w.m Fri Jan 16 12:44:11 2015

Page: 4

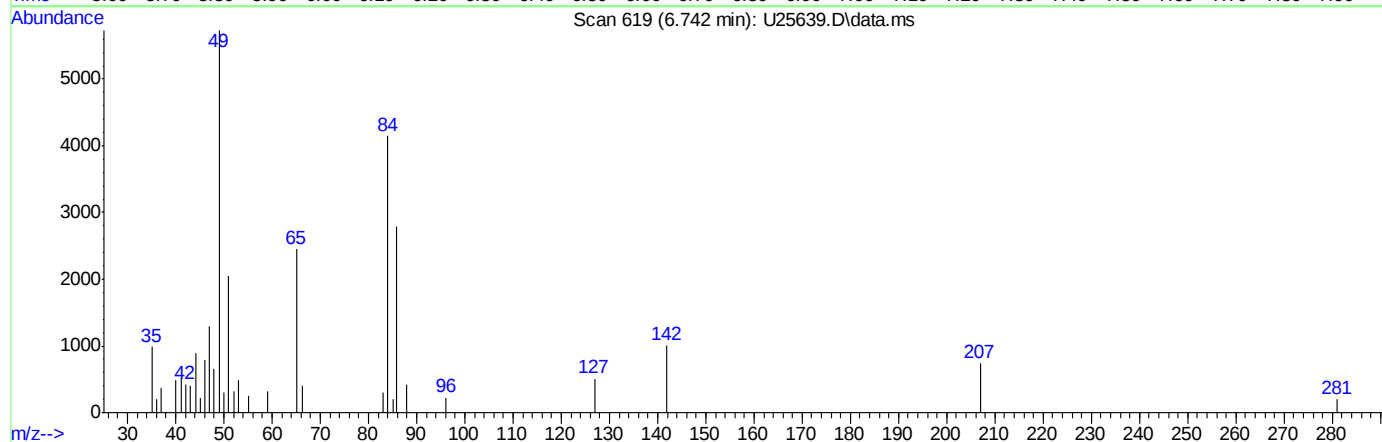
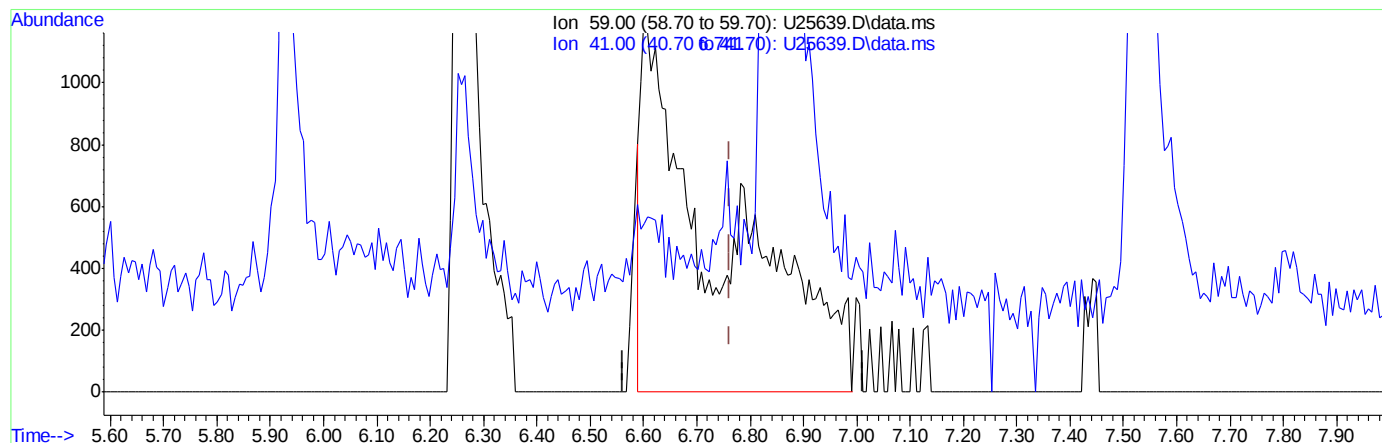
7.6.16



Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25639.D
Acq On : 15 Jan 2015 6:44 pm
Operator : GaryK
Sample : ic1085-5
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 16 09:12:17 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(2) tertiary butyl alcohol (P)

6.741min (-0.022) 45.13ppb

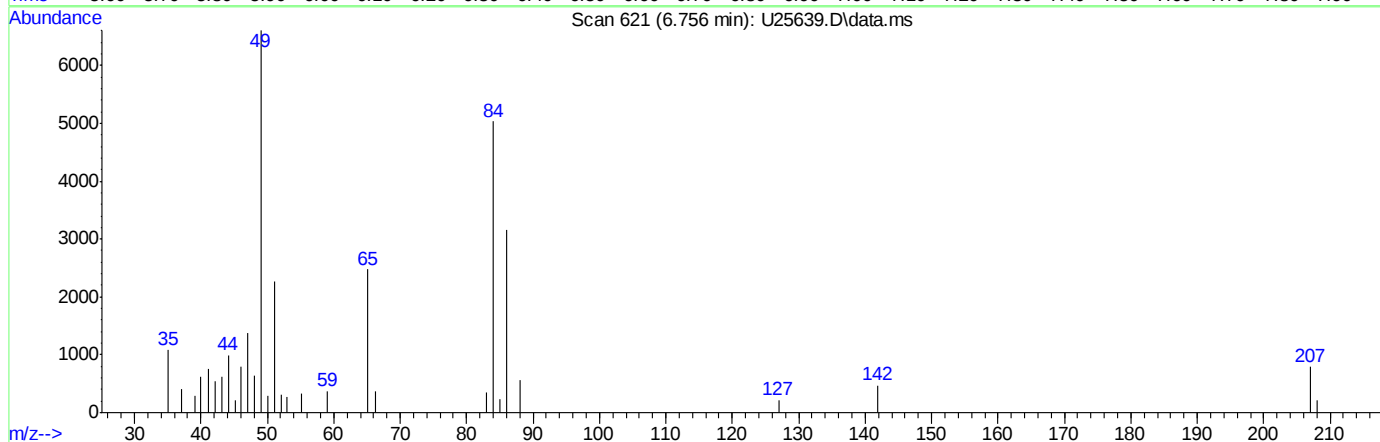
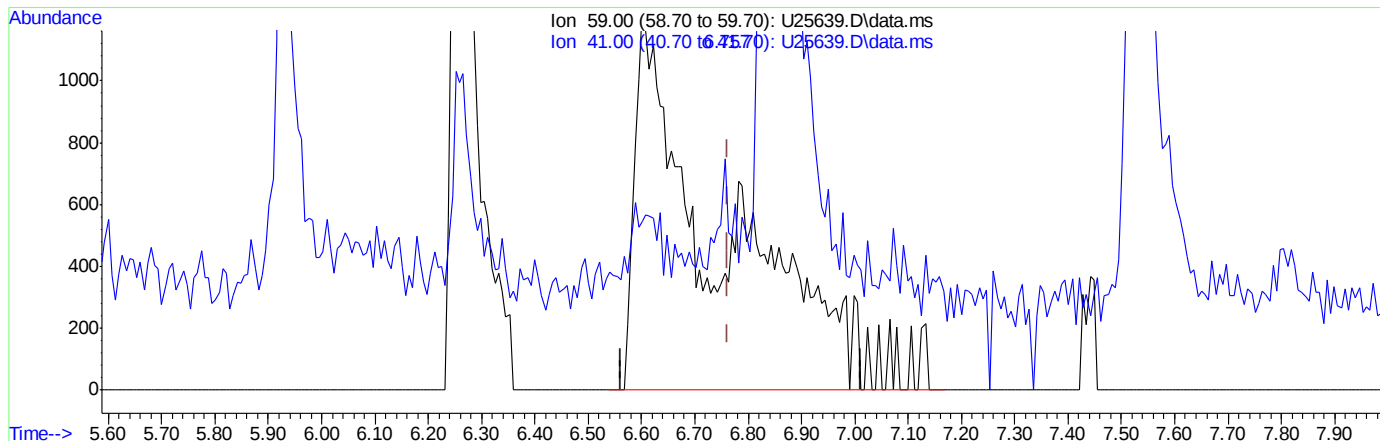
response 12177

Ion	Exp%	Act%
59.00	100	100
41.00	23.90	49.37
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25639.D
Acq On : 15 Jan 2015 6:44 pm
Operator : GaryK
Sample : ic1085-5
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 16 09:12:17 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25639.D\data.ms

(2) tertiary butyl alcohol (P)

6.756min (-0.007) 50.43ppb m

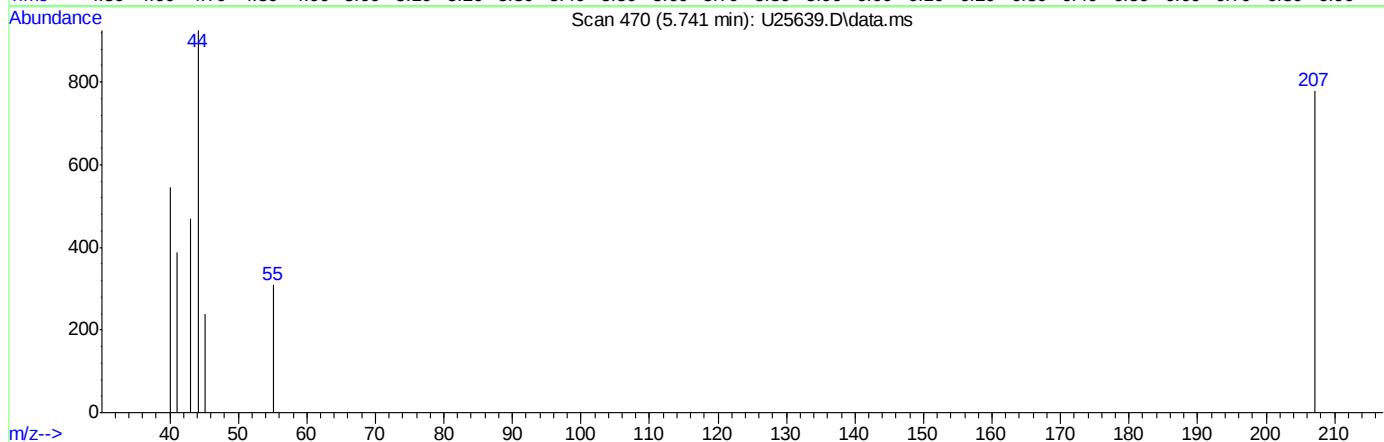
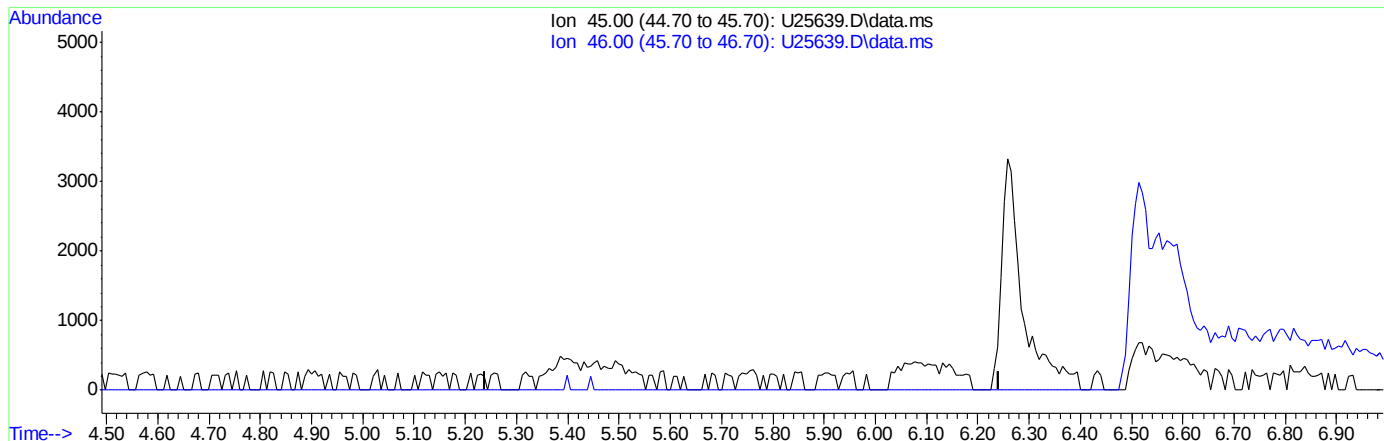
response 13608

Ion	Exp%	Act%
59.00	100	100
41.00	23.90	198.15#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25639.D
Acq On : 15 Jan 2015 6:44 pm
Operator : GaryK
Sample : ic1085-5
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 16 09:12:17 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25639.D\data.ms

(3) Ethanol (P)

5.741min (-5.741) 0.00ppb

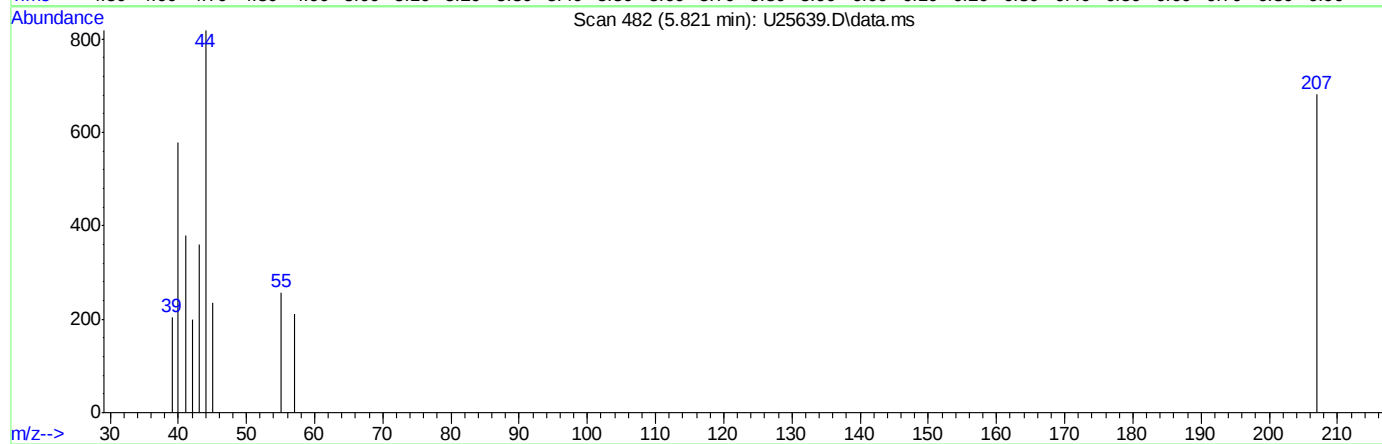
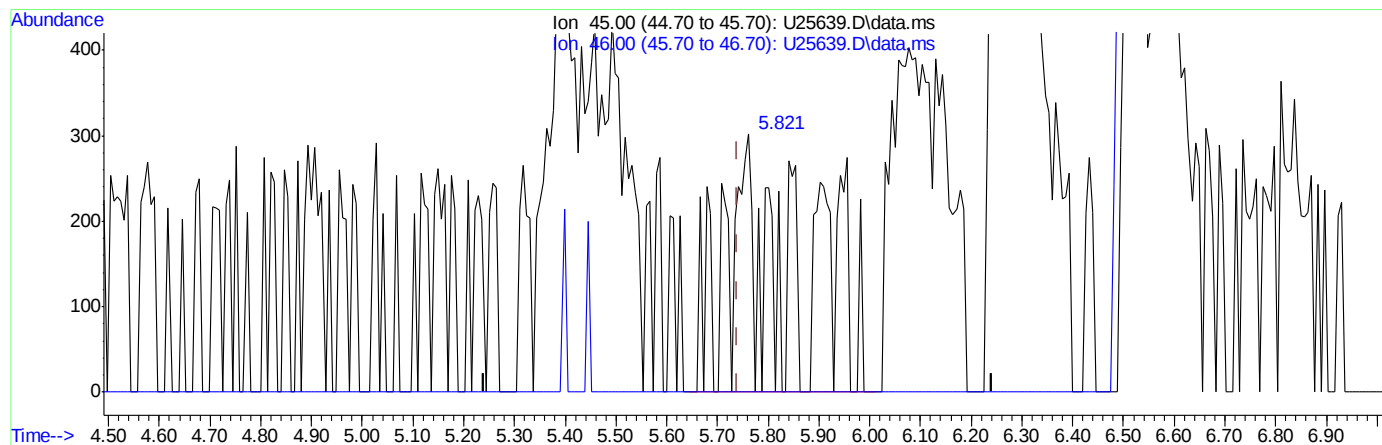
response 0

Ion	Exp%	Act%
45.00	100	0.00
46.00	35.30	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25639.D
Acq On : 15 Jan 2015 6:44 pm
Operator : GaryK
Sample : ic1085-5
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 16 09:12:17 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25639.D\data.ms

(3) Ethanol (P)

5.821min (+0.080) 172.76ppb m

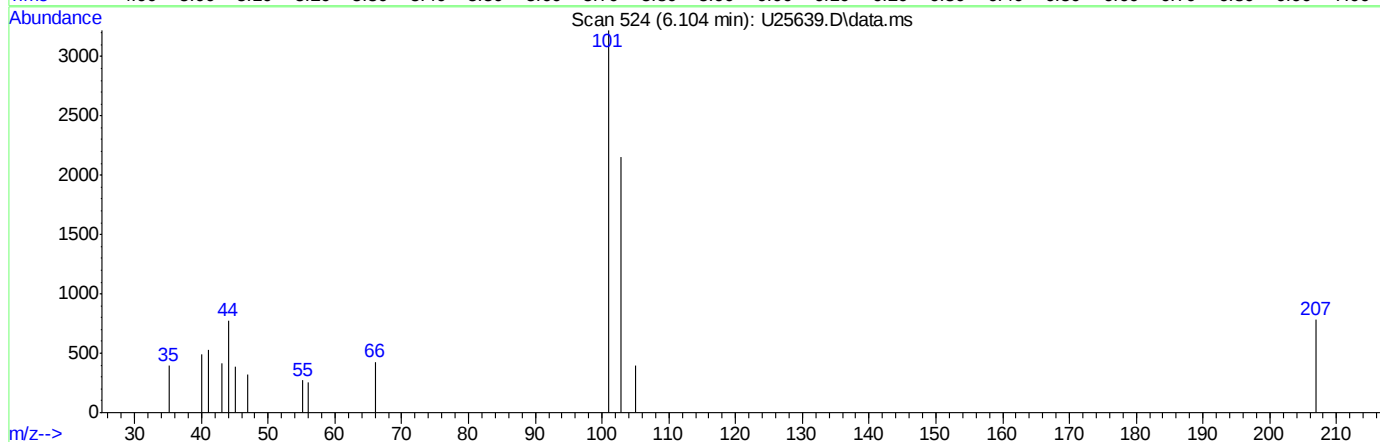
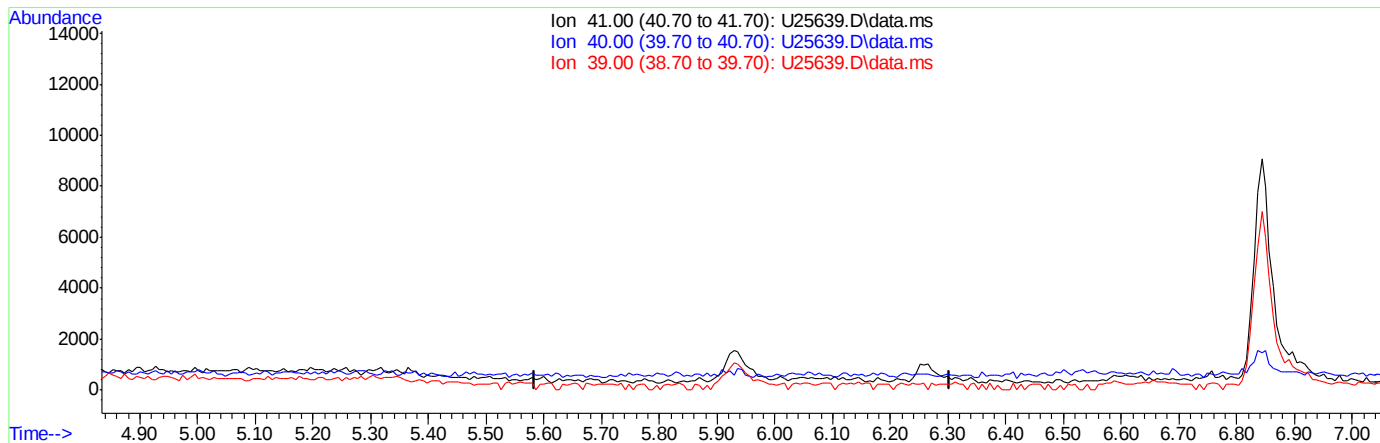
response 2929

Ion	Exp%	Act%
45.00	100	100
46.00	35.30	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25639.D
Acq On : 15 Jan 2015 6:44 pm
Operator : GaryK
Sample : ic1085-5
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 16 09:12:17 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25639.D\data.ms

(11) acetonitrile (P)

6.104min (-6.104) 0.00ppb

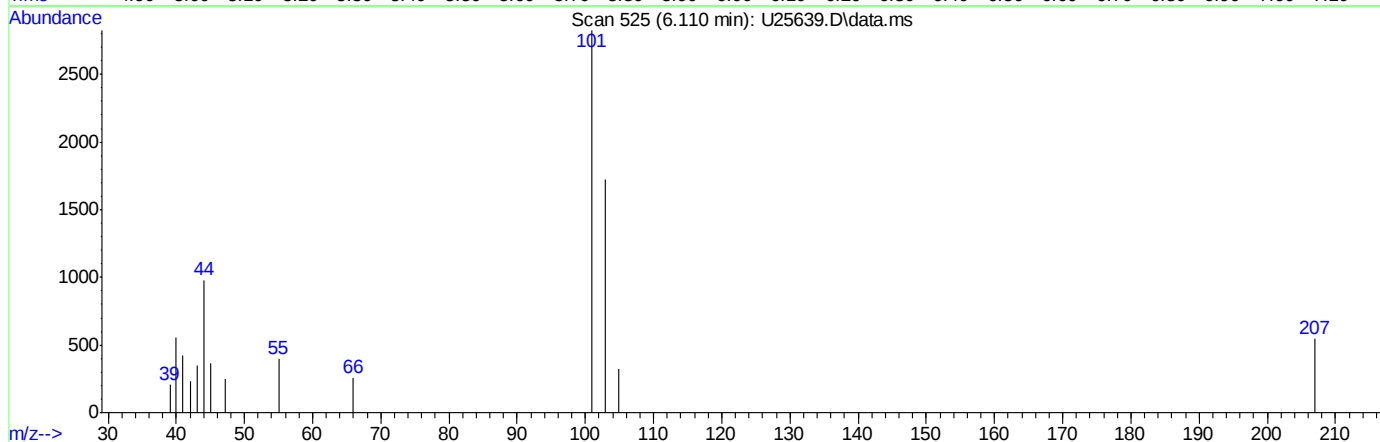
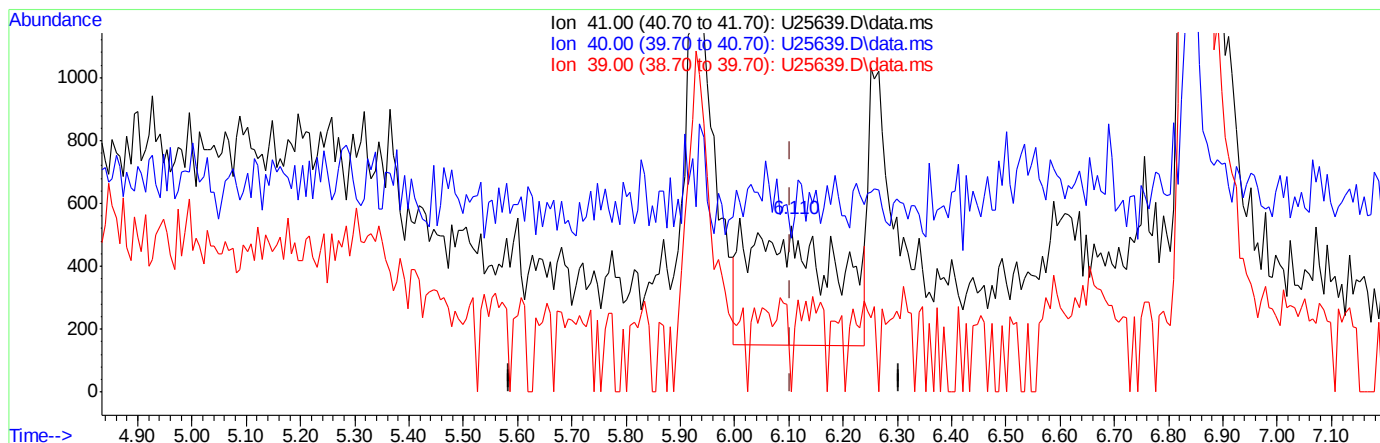
response 0

Ion	Exp%	Act%
41.00	100	0.00
40.00	92.30	0.00#
39.00	24.50	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25639.D
Acq On : 15 Jan 2015 6:44 pm
Operator : GaryK
Sample : ic1085-5
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 16 09:12:17 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25639.D\data.ms

(11) acetonitrile (P)

6.110min (+0.007) 12.27ppb m

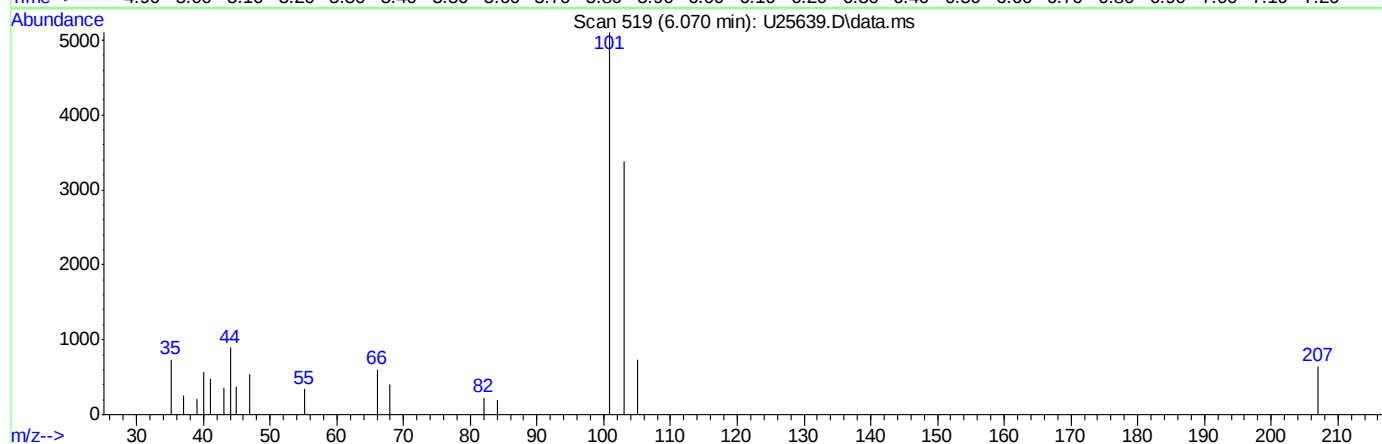
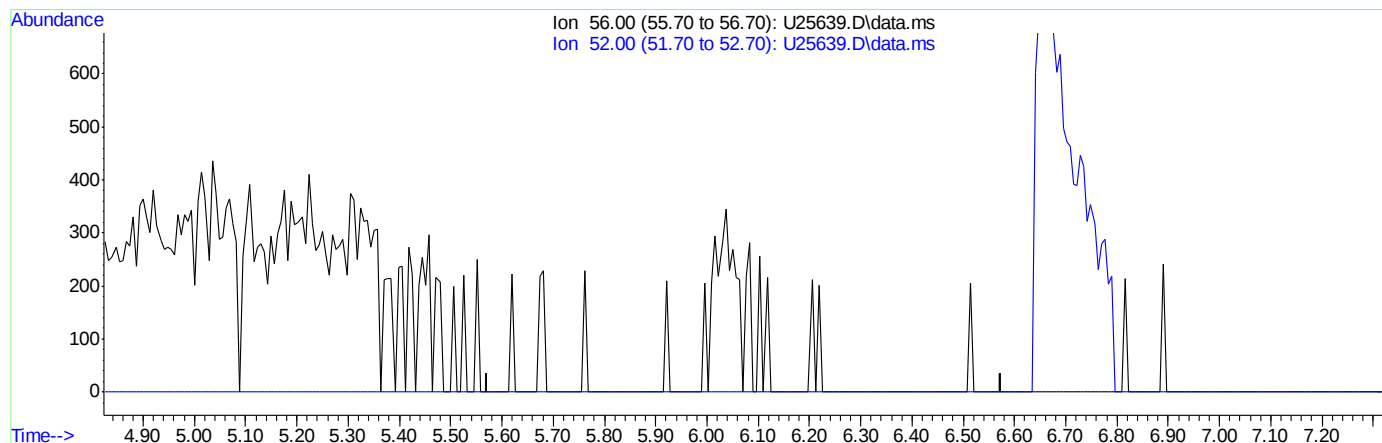
response 4110

Ion	Exp%	Act%
41.00	100	100
40.00	92.30	131.22#
39.00	24.50	47.89
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25639.D
Acq On : 15 Jan 2015 6:44 pm
Operator : GaryK
Sample : ic1085-5
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 16 09:12:17 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25639.D\data.ms

(14) acrolein (P)

6.073min (-6.073) 0.00ppb

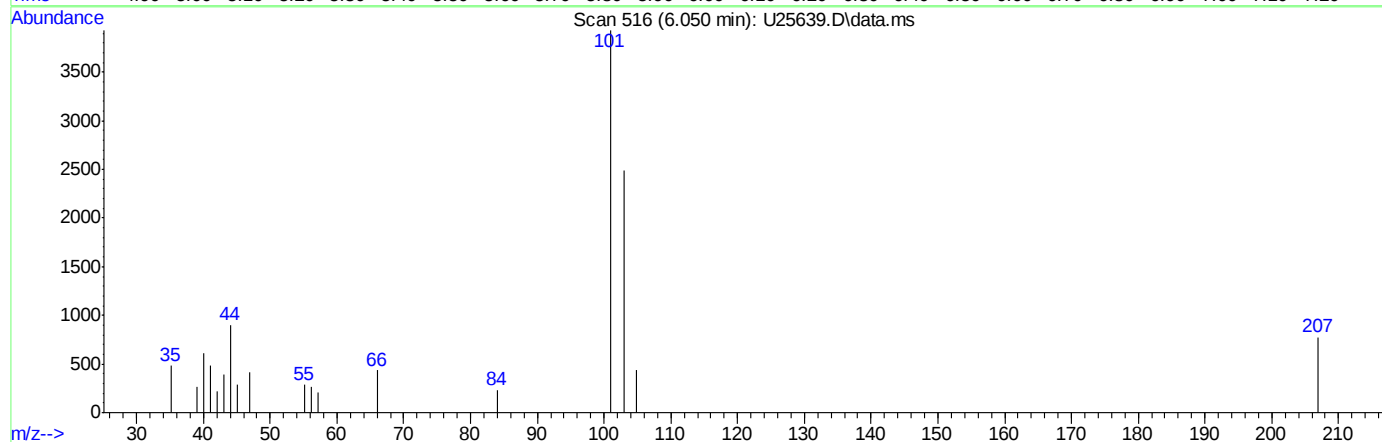
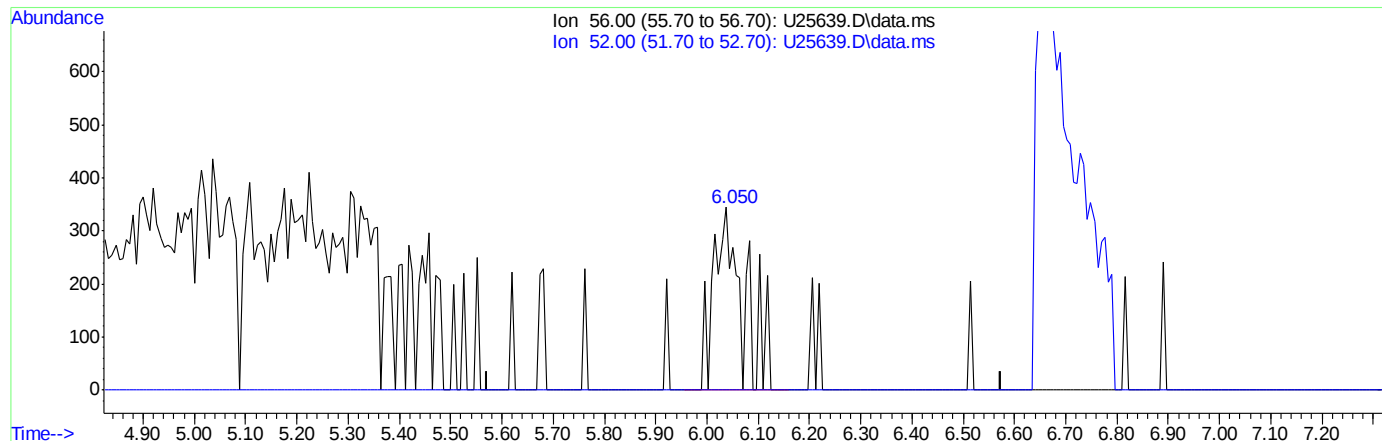
response 0

Ion	Exp%	Act%
56.00	100	0.00
52.00	2.80	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25639.D
Acq On : 15 Jan 2015 6:44 pm
Operator : GaryK
Sample : ic1085-5
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 16 09:12:17 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25639.D\data.ms

(14) acrolein (P)

6.050min (-0.023) 50.97ppb m

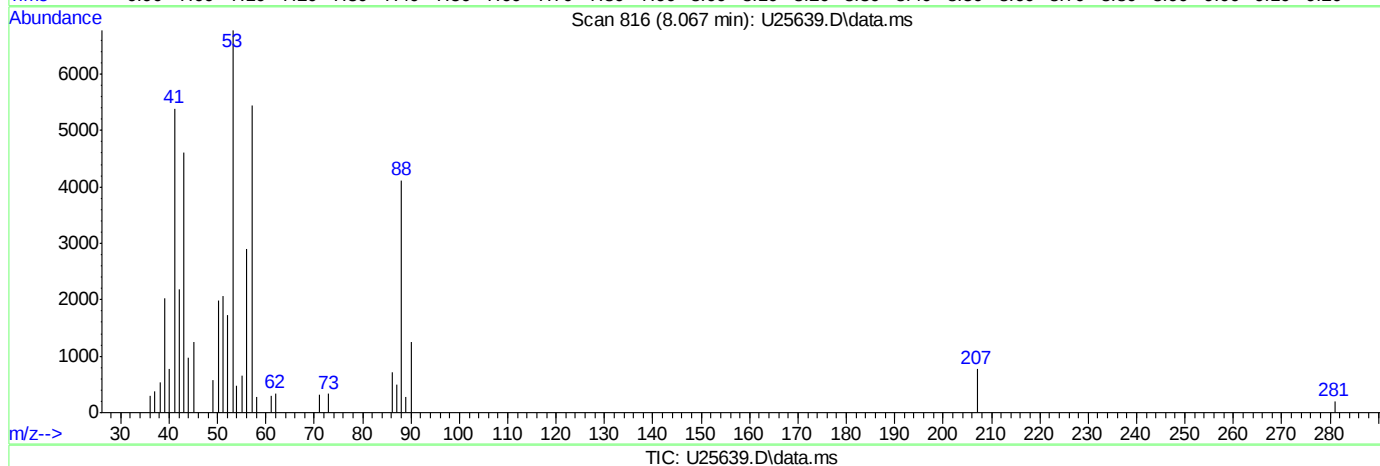
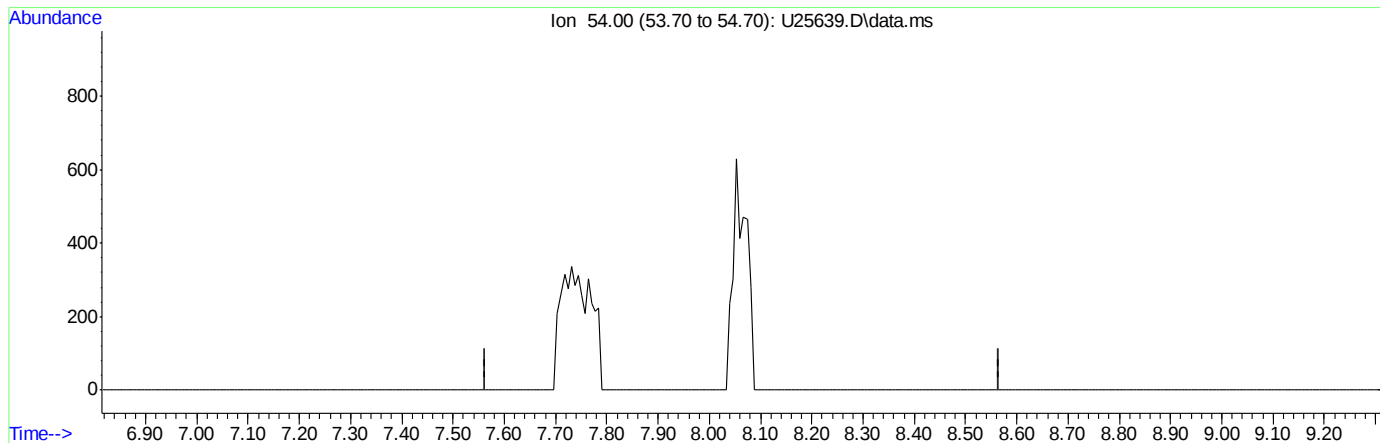
response 1393

Ion	Exp%	Act%
56.00	100	100
52.00	2.80	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25639.D
Acq On : 15 Jan 2015 6:44 pm
Operator : GaryK
Sample : ic1085-5
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 16 09:12:17 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(25) propionitrile (P)

8.065min (-8.065) 0.00ppb

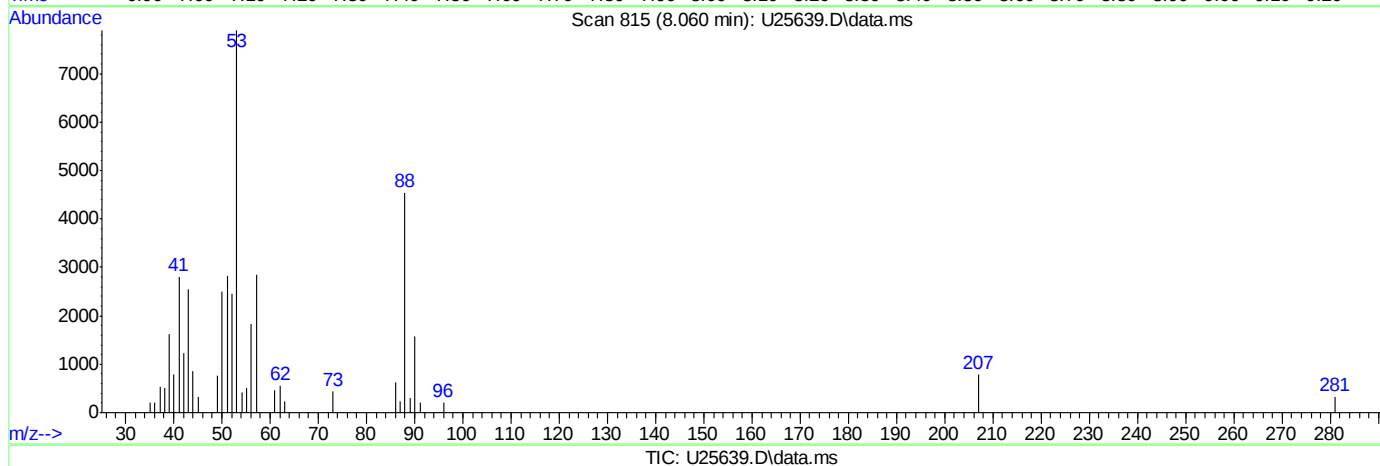
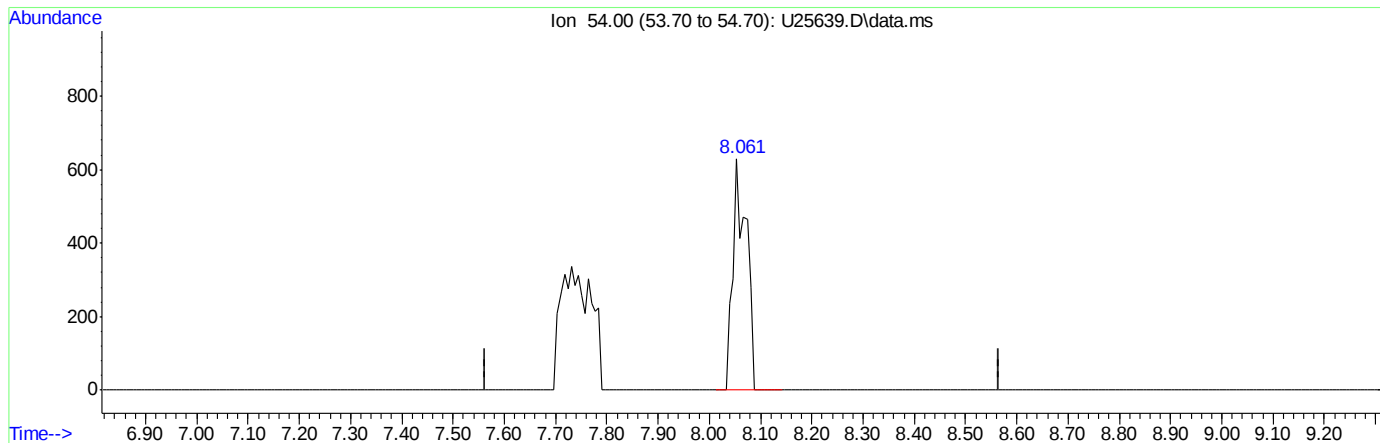
response 0

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

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25639.D
Acq On : 15 Jan 2015 6:44 pm
Operator : GaryK
Sample : ic1085-5
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 16 09:12:17 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(25) propionitrile (P)

8.060min (-0.005) 5.25ppb m

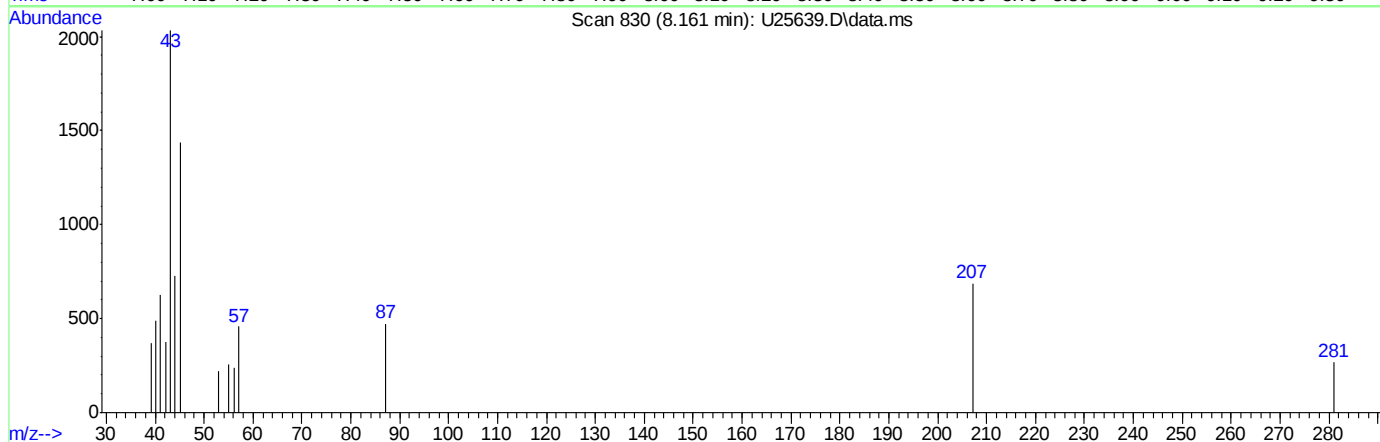
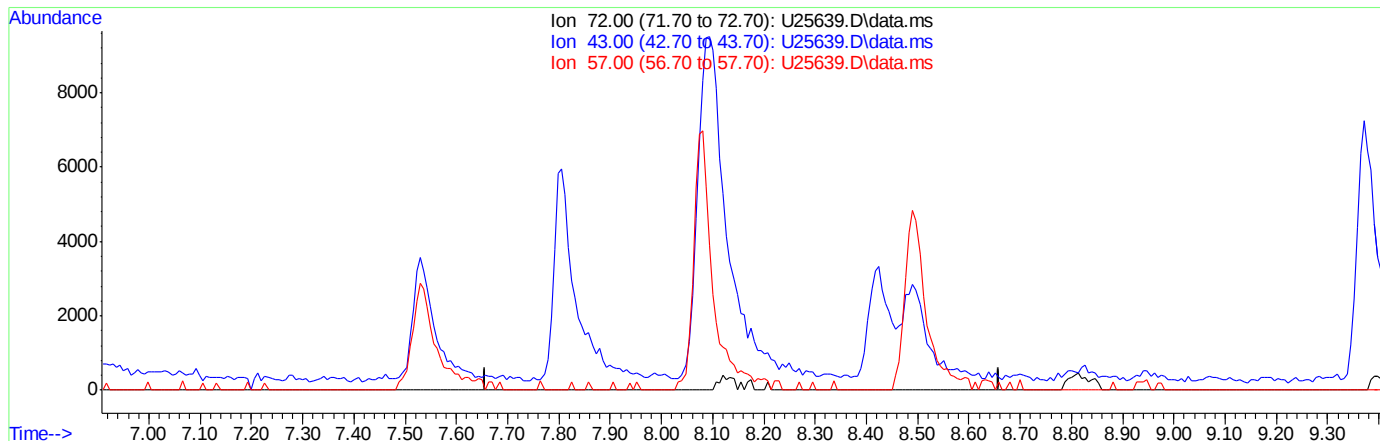
response 1128

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

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25639.D
Acq On : 15 Jan 2015 6:44 pm
Operator : GaryK
Sample : ic1085-5
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 16 09:12:17 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(30) 2-butanone (P)

8.158min (-8.158) 0.00ppb

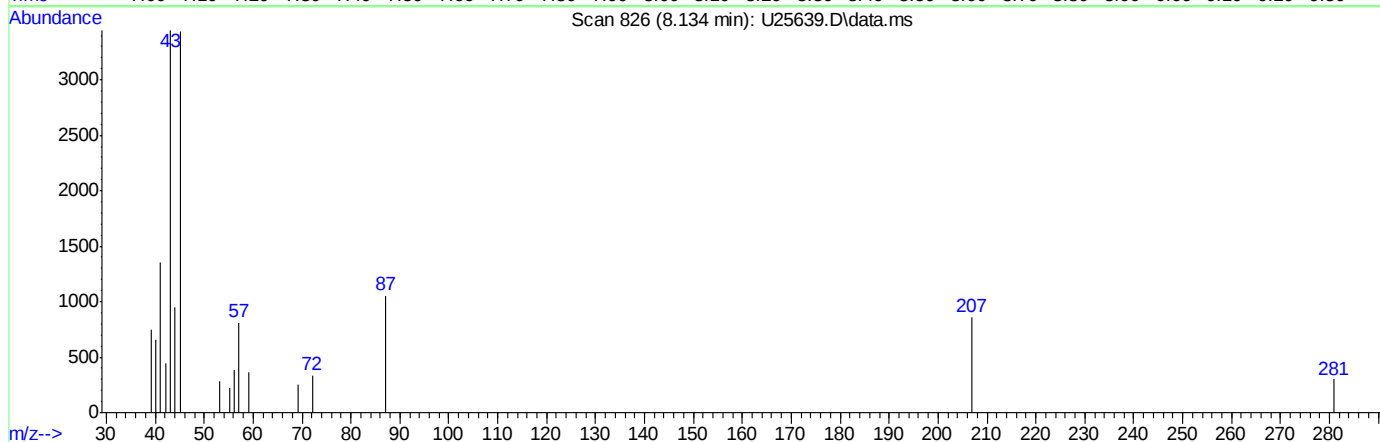
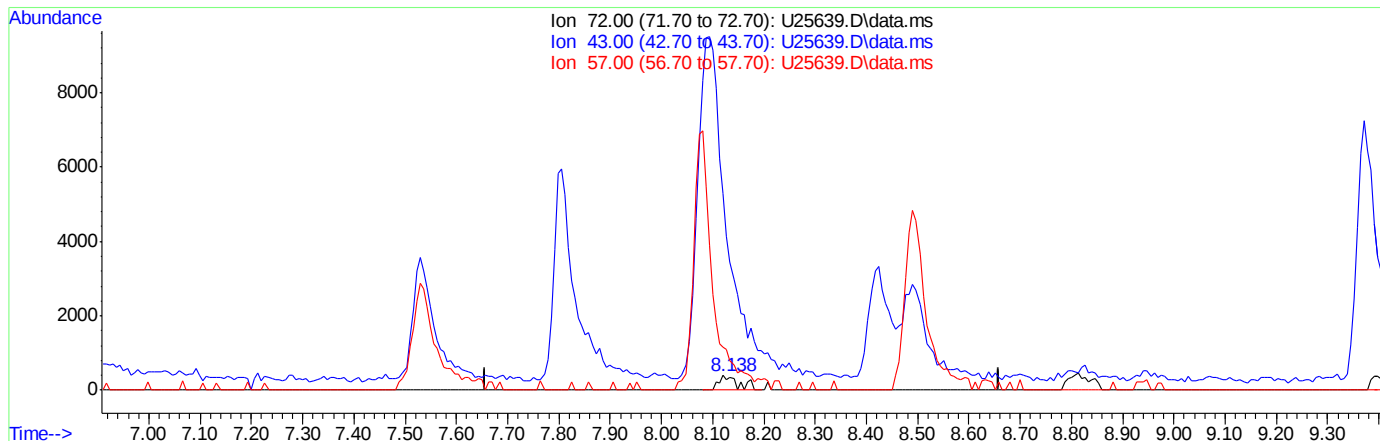
response 0

Ion	Exp%	Act%
72.00	100	0.00
43.00	1487.20	0.00#
57.00	99.80	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25639.D
Acq On : 15 Jan 2015 6:44 pm
Operator : GaryK
Sample : ic1085-5
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 16 09:12:17 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(30) 2-butanone (P)

8.134min (-0.024) 2.53ppb m

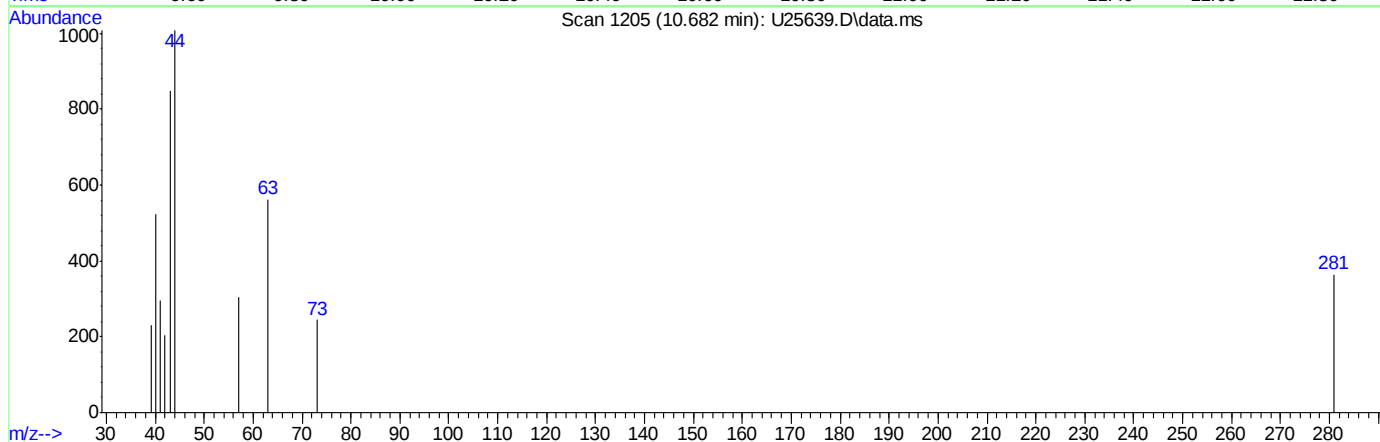
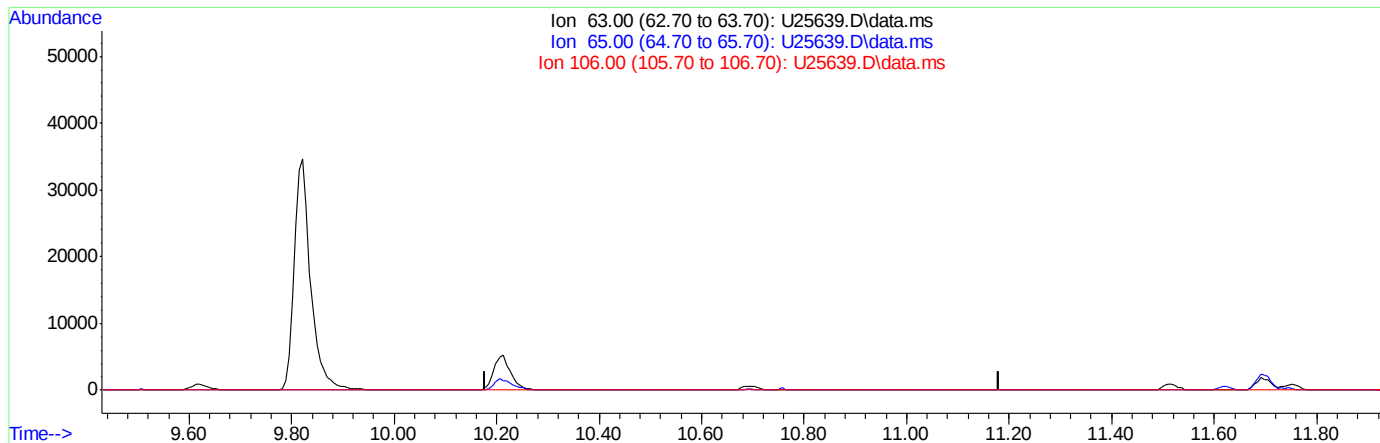
response 999

Ion	Exp%	Act%
72.00	100	100
43.00	1487.20	1031.74#
57.00	99.80	242.51#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25639.D
Acq On : 15 Jan 2015 6:44 pm
Operator : GaryK
Sample : ic1085-5
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 16 09:12:17 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25639.D\data.ms

(56) 2-chloroethyl vinyl ether (P)

10.680min (-10.680) 0.00ppb

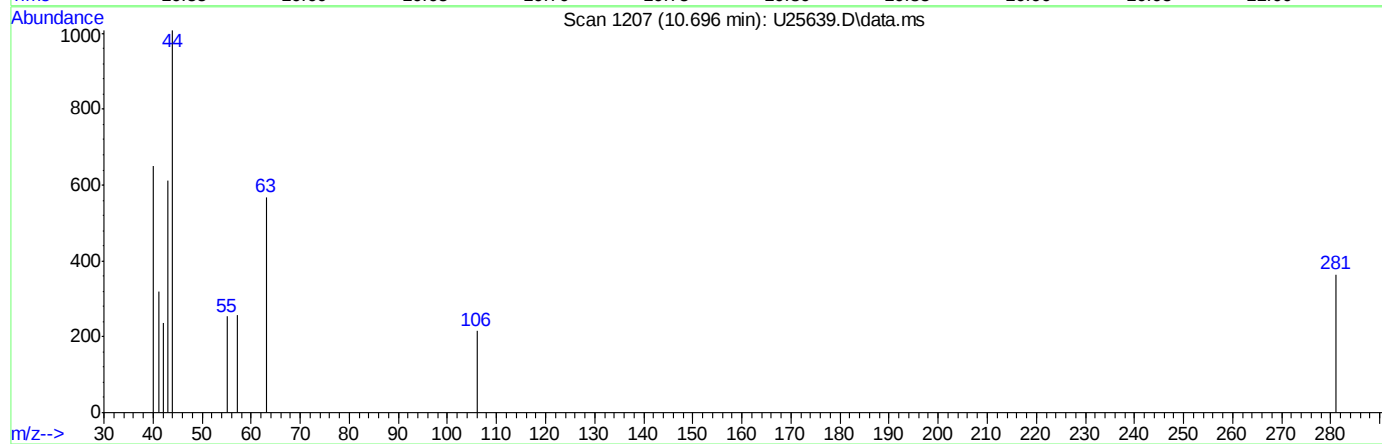
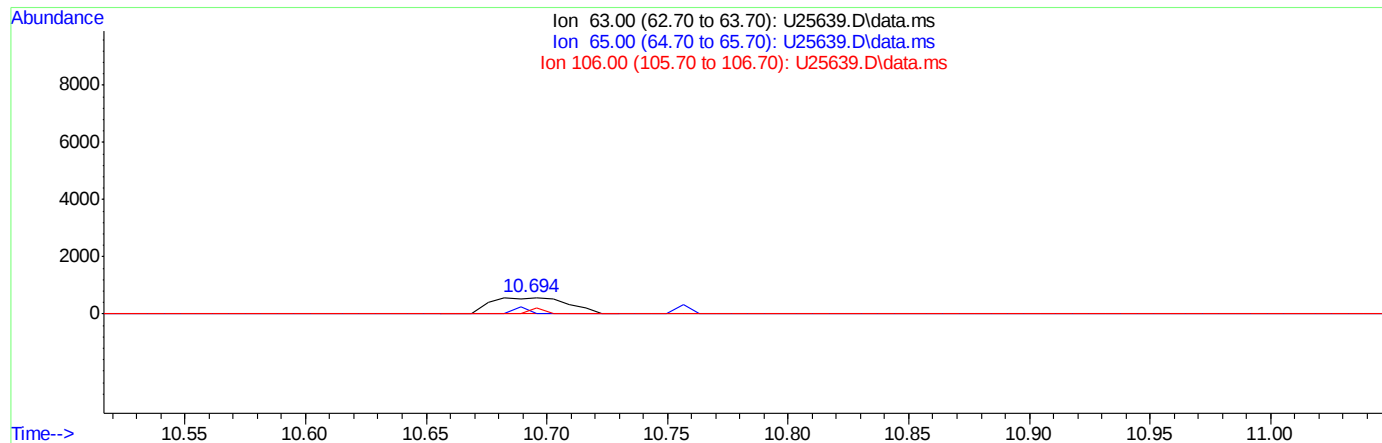
response 0

Ion	Exp%	Act%
63.00	100	0.00
65.00	29.80	0.00
106.00	21.20	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25639.D
Acq On : 15 Jan 2015 6:44 pm
Operator : GaryK
Sample : ic1085-5
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 16 09:12:17 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25639.D\data.ms

(56) 2-chloroethyl vinyl ether (P)

10.696min (+0.016) 3.93ppb m

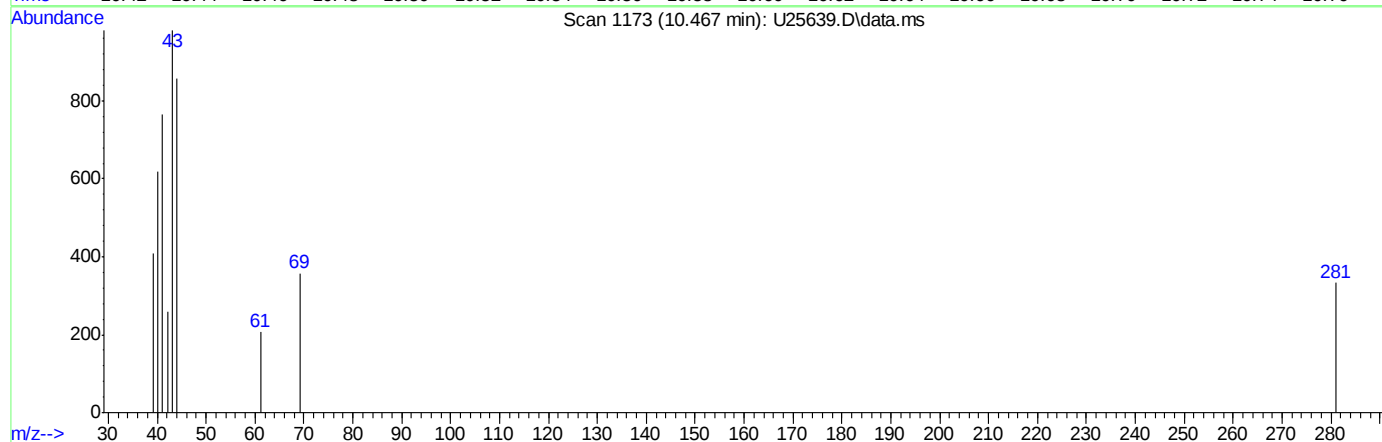
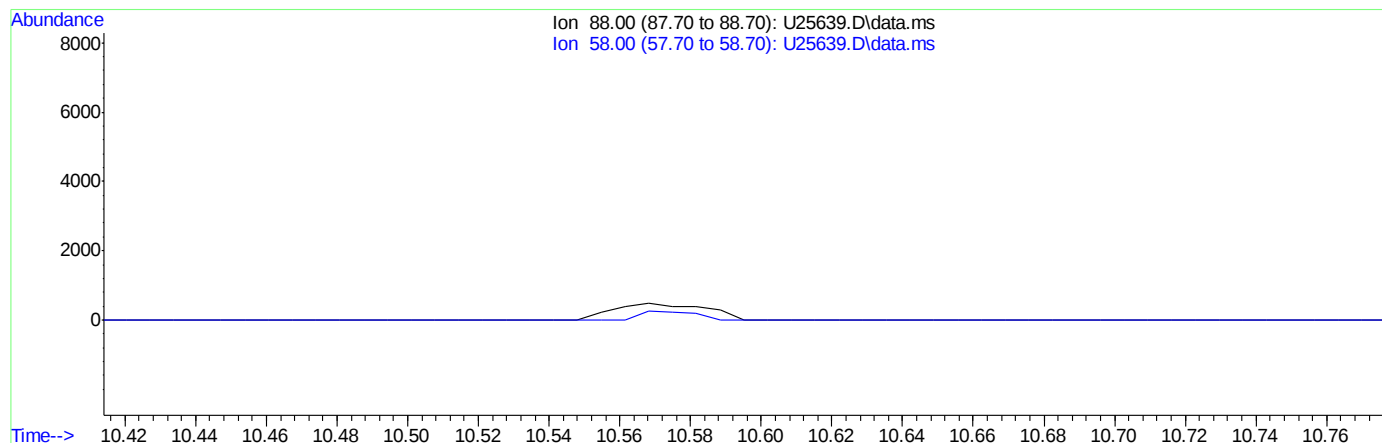
response 1259

Ion	Exp%	Act%
63.00	100	100
65.00	29.80	0.00
106.00	21.20	37.79
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25639.D
Acq On : 15 Jan 2015 6:44 pm
Operator : GaryK
Sample : ic1085-5
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 16 09:12:17 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25639.D\data.ms

(58) 1,4-dioxane (P)

10.468min (-10.468) 0.00ppb

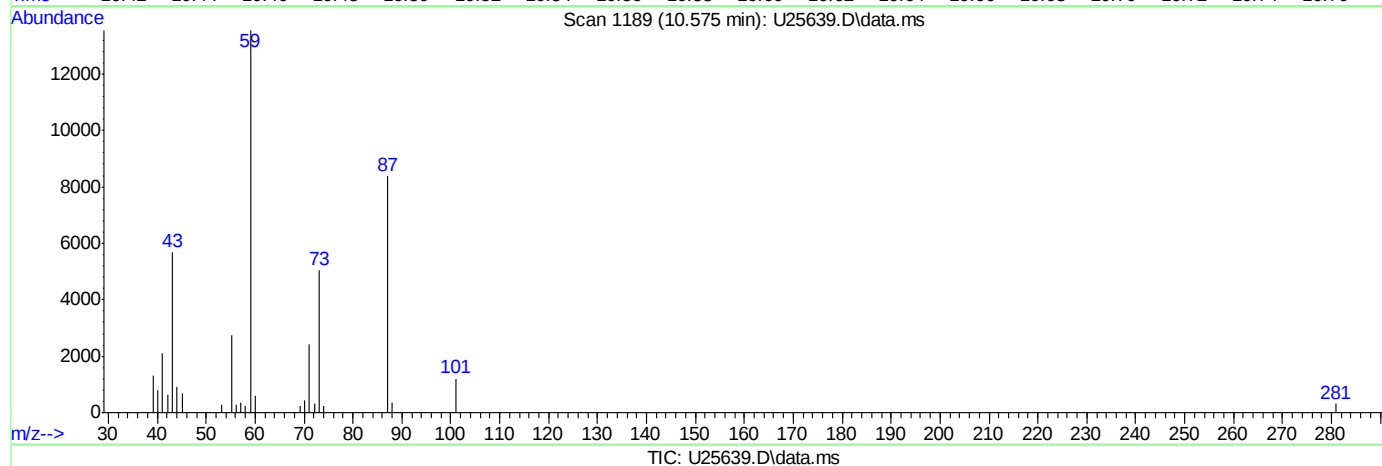
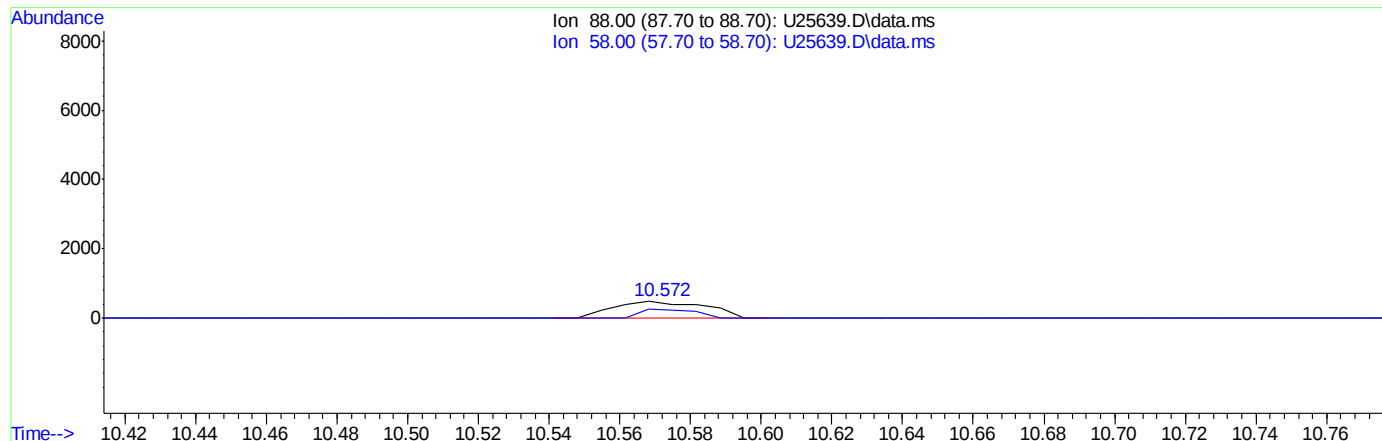
response 0

Ion	Exp%	Act%
88.00	100	0.00
58.00	109.20	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25639.D
Acq On : 15 Jan 2015 6:44 pm
Operator : GaryK
Sample : ic1085-5
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 16 09:12:17 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(58) 1,4-dioxane (P)

10.575min (+0.107) 131.01ppb m

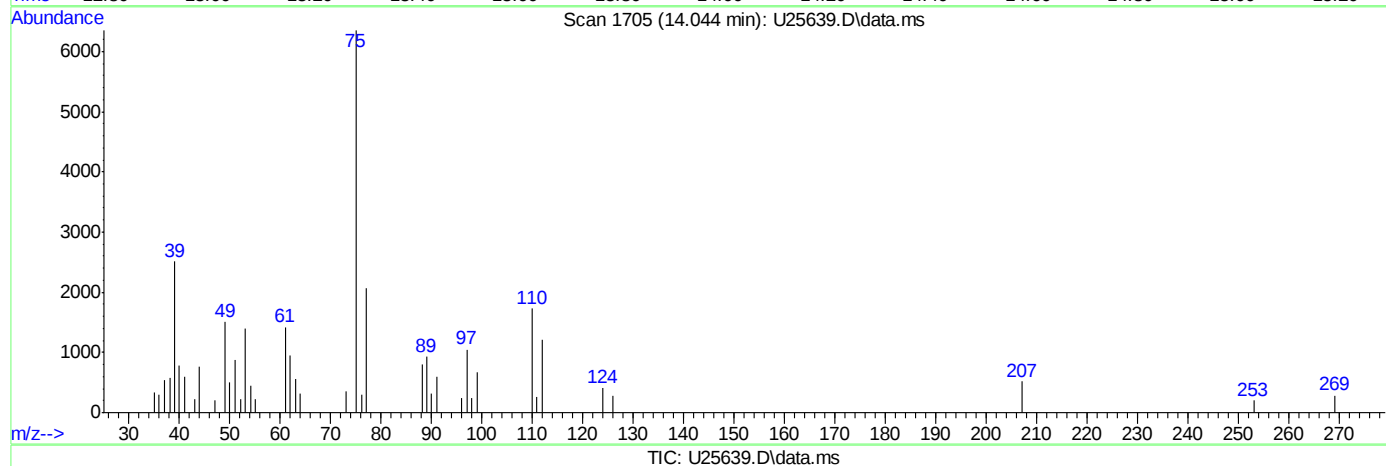
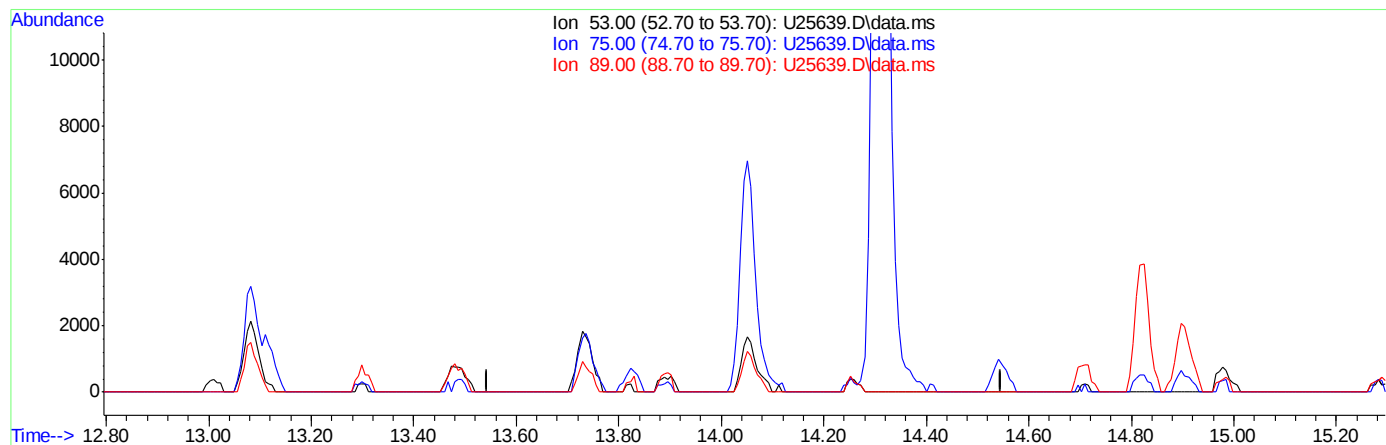
response 871

Ion	Exp%	Act%
88.00	100	100
58.00	109.20	64.19#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25639.D
Acq On : 15 Jan 2015 6:44 pm
Operator : GaryK
Sample : ic1085-5
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 16 09:12:17 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(79) trans-1,4-dichloro-2-butene (P)

14.045min (-14.045) 0.00ppb

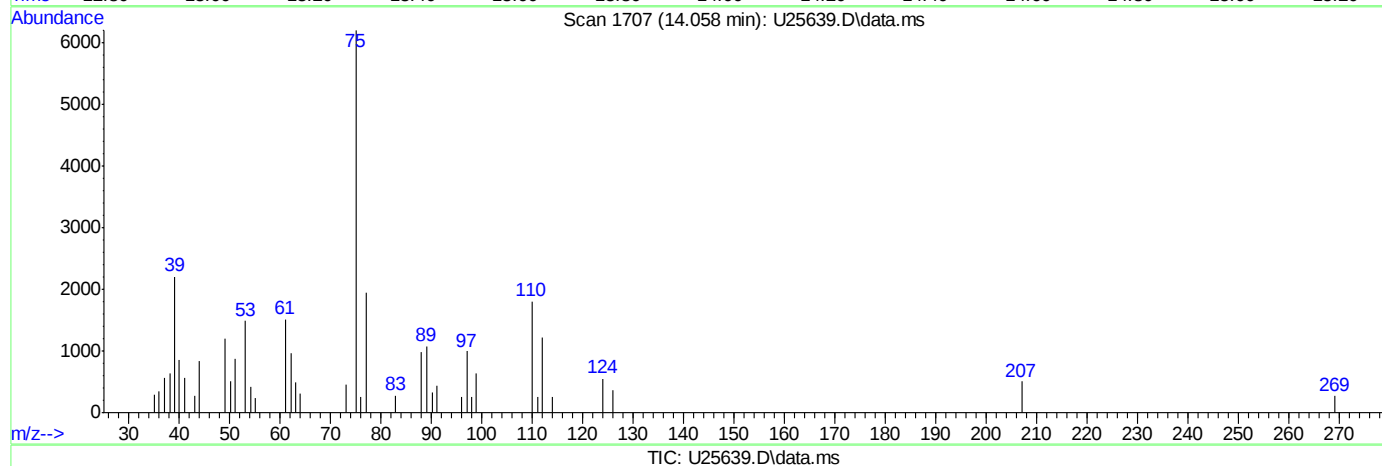
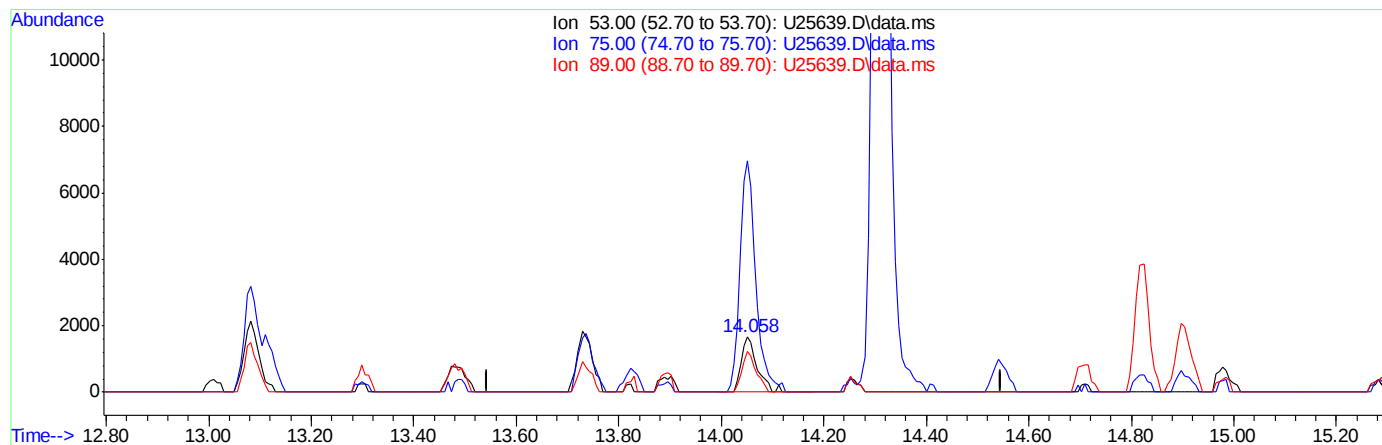
response 0

Ion	Exp%	Act%
53.00	100	0.00
75.00	321.20	0.00#
89.00	64.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25639.D
Acq On : 15 Jan 2015 6:44 pm
Operator : GaryK
Sample : ic1085-5
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 16 09:12:17 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(79) trans-1,4-dichloro-2-butene (P)

14.058min (+0.012) 5.66ppb m

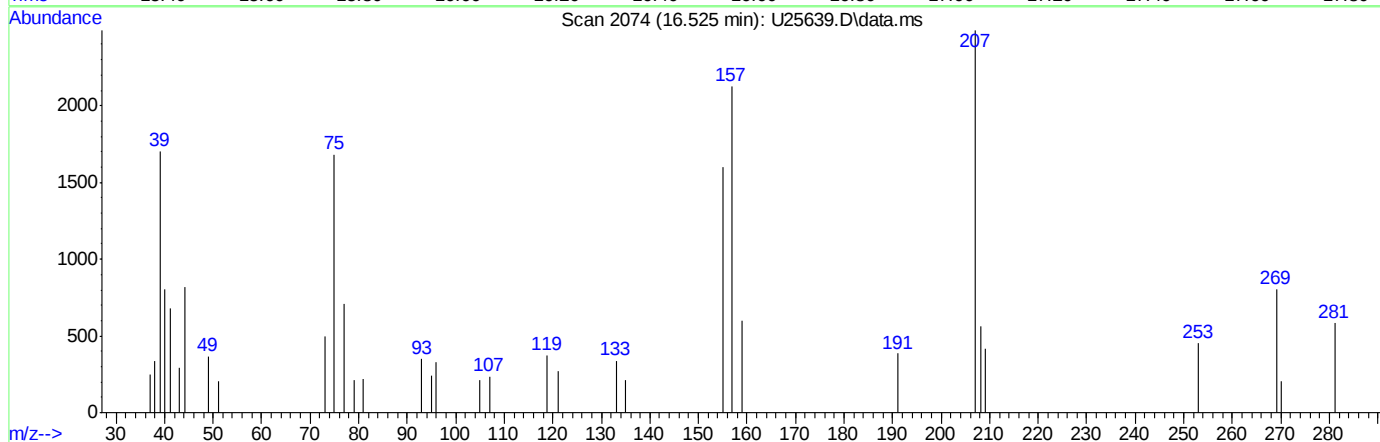
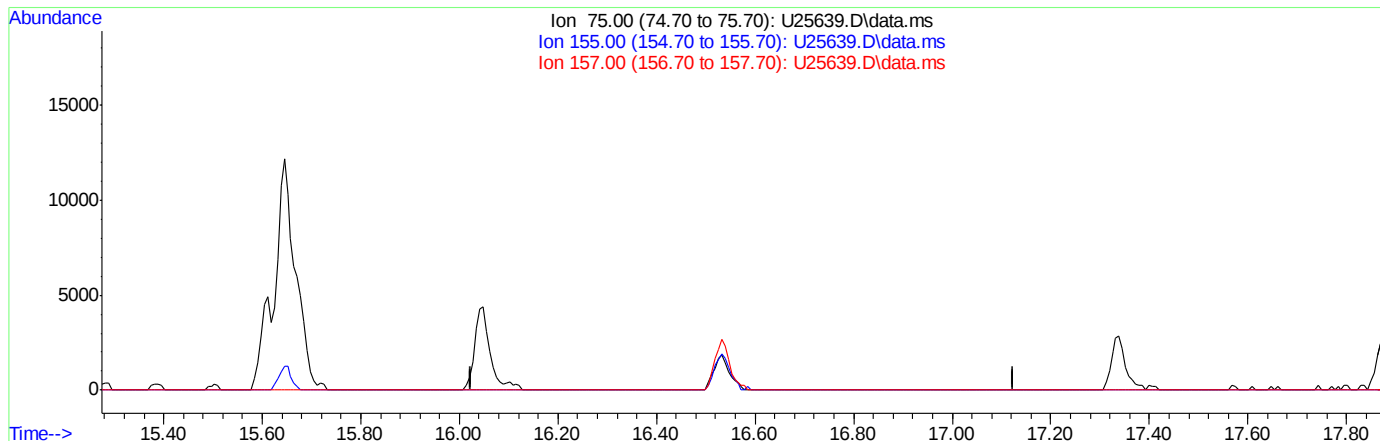
response 3546

Ion	Exp%	Act%
53.00	100	100
75.00	321.20	415.96#
89.00	64.60	72.17
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25639.D
Acq On : 15 Jan 2015 6:44 pm
Operator : GaryK
Sample : ic1085-5
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 16 09:12:17 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(98) 1,2-dibromo-3-chloropropane (P)

16.525min (-16.525) 0.00ppb

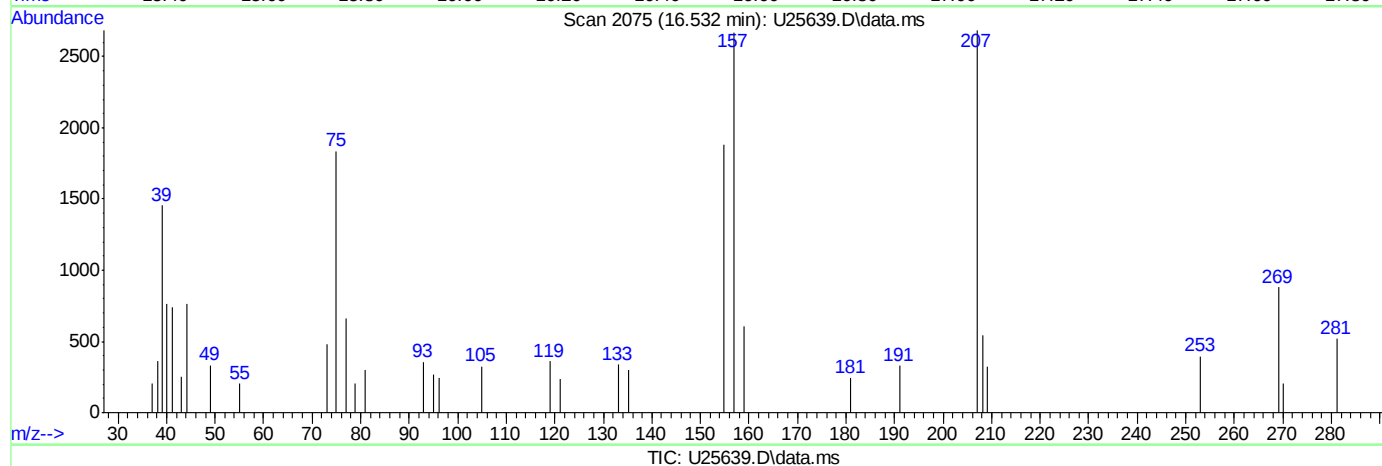
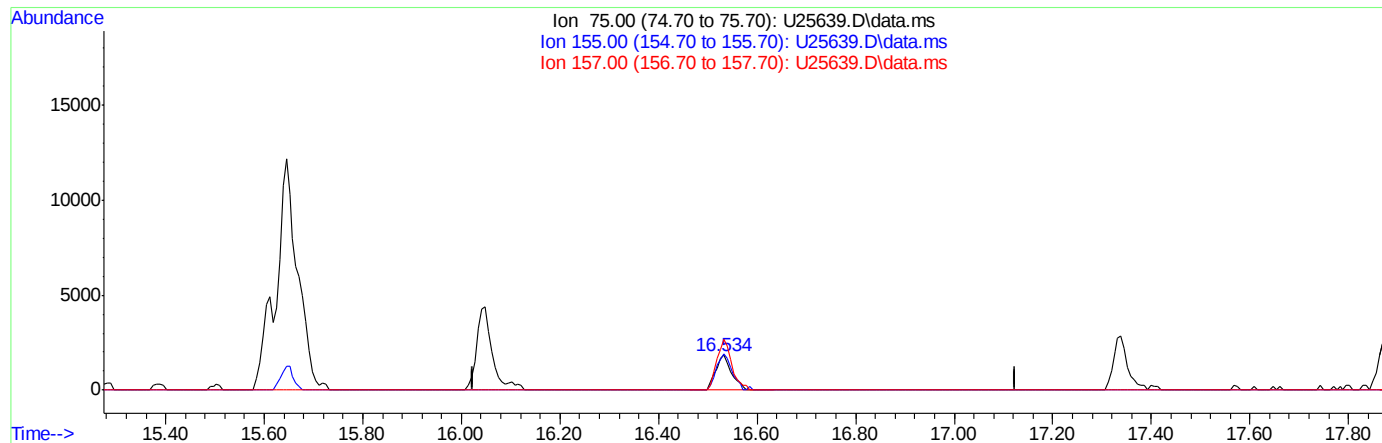
response 0

Ion	Exp%	Act%
75.00	100	0.00
155.00	80.80	0.00#
157.00	117.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25639.D
Acq On : 15 Jan 2015 6:44 pm
Operator : GaryK
Sample : ic1085-5
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 16 09:12:17 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(98) 1,2-dibromo-3-chloropropane (P)

16.532min (+0.007) 5.16ppb m

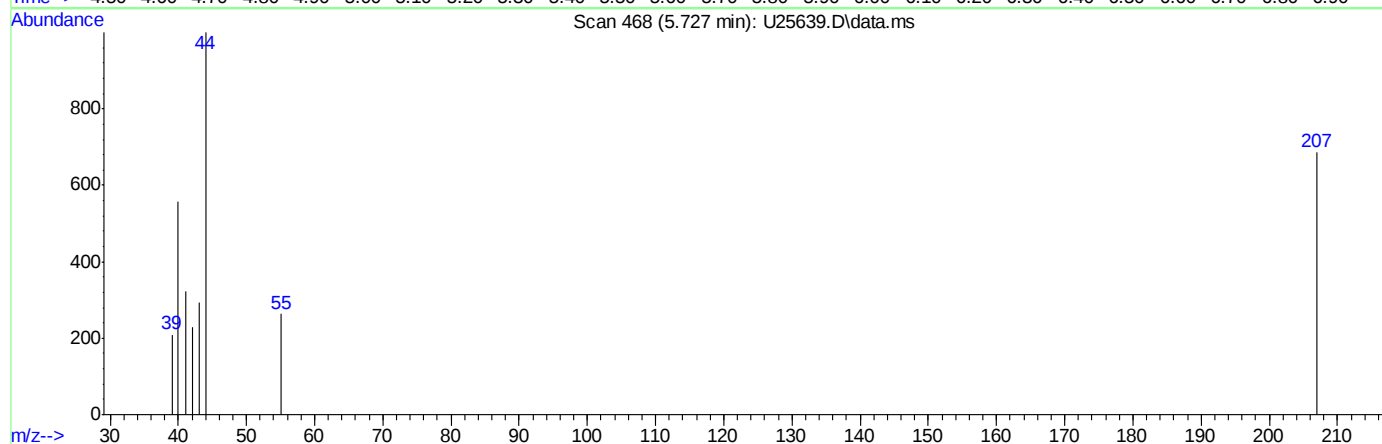
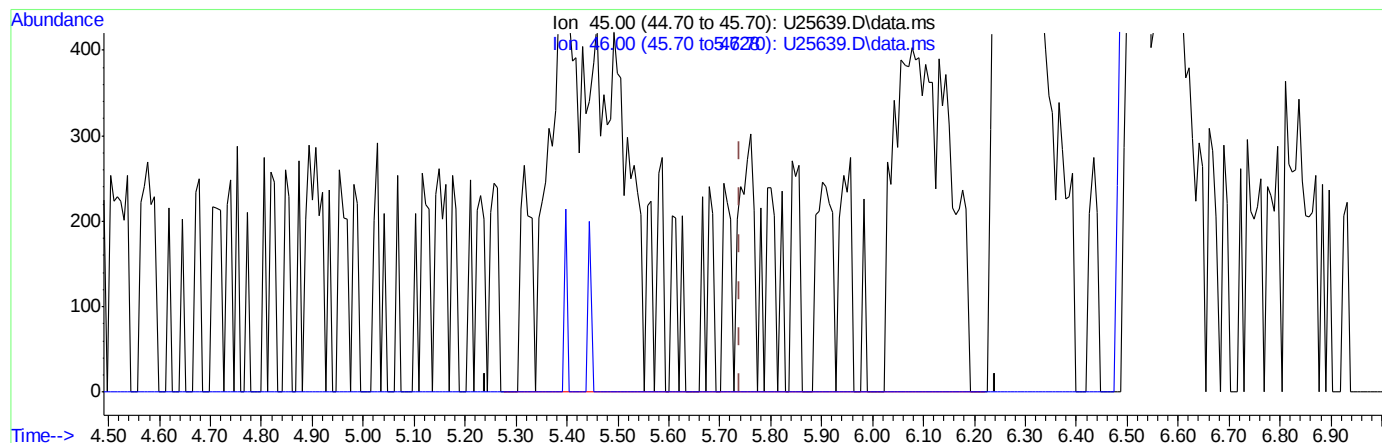
response 4061

Ion	Exp%	Act%
75.00	100	100
155.00	80.80	102.56
157.00	117.10	145.38
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25639.D
Acq On : 15 Jan 2015 6:44 pm
Operator : GaryK
Sample : ic1085-5
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 16 09:14:45 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25639.D\data.ms

(3) Ethanol (P)

5.727min (-0.014) 659.59ppb m

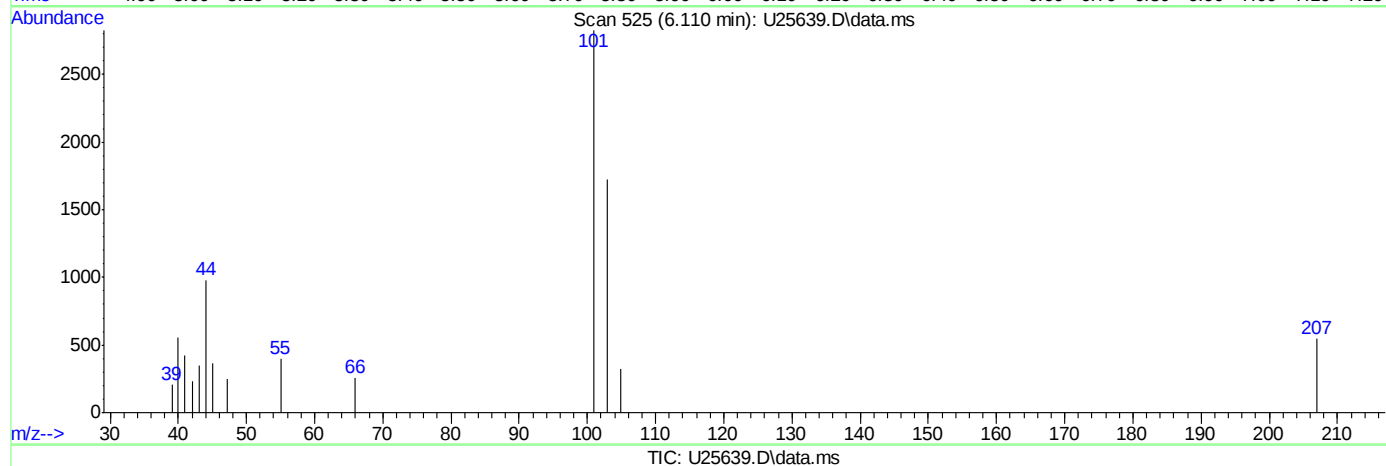
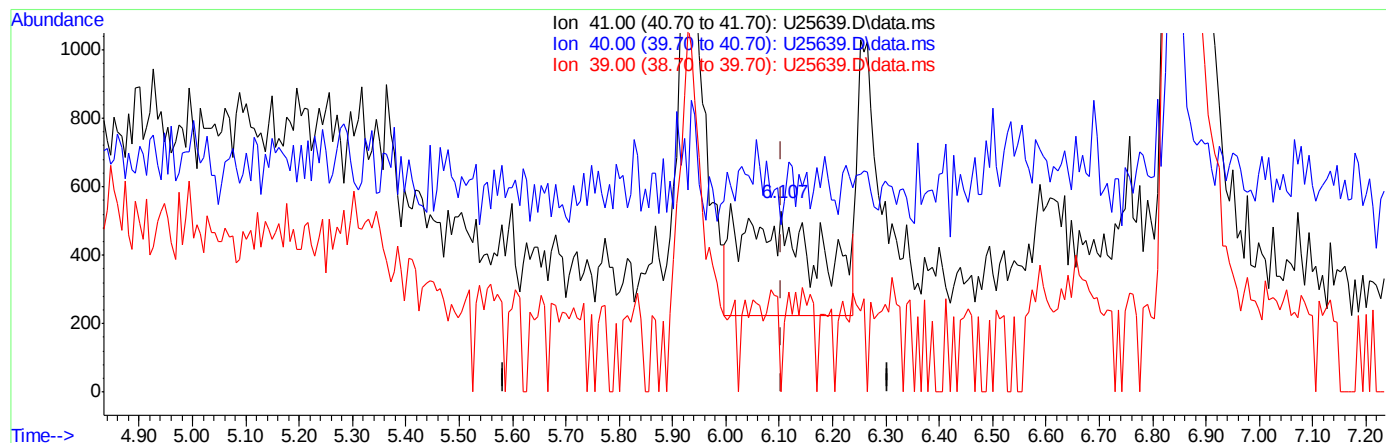
response 11183

Ion	Exp%	Act%
45.00	100	100
46.00	35.30	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25639.D
Acq On : 15 Jan 2015 6:44 pm
Operator : GaryK
Sample : ic1085-5
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 16 11:20:08 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(11) acetonitrile (P)

6.110min (+0.007) 9.09ppb m

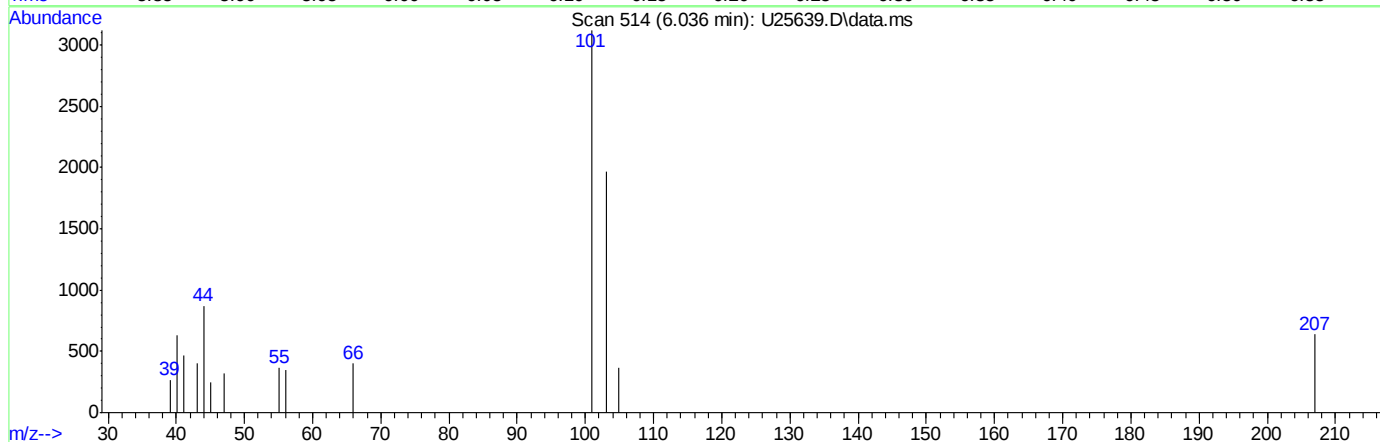
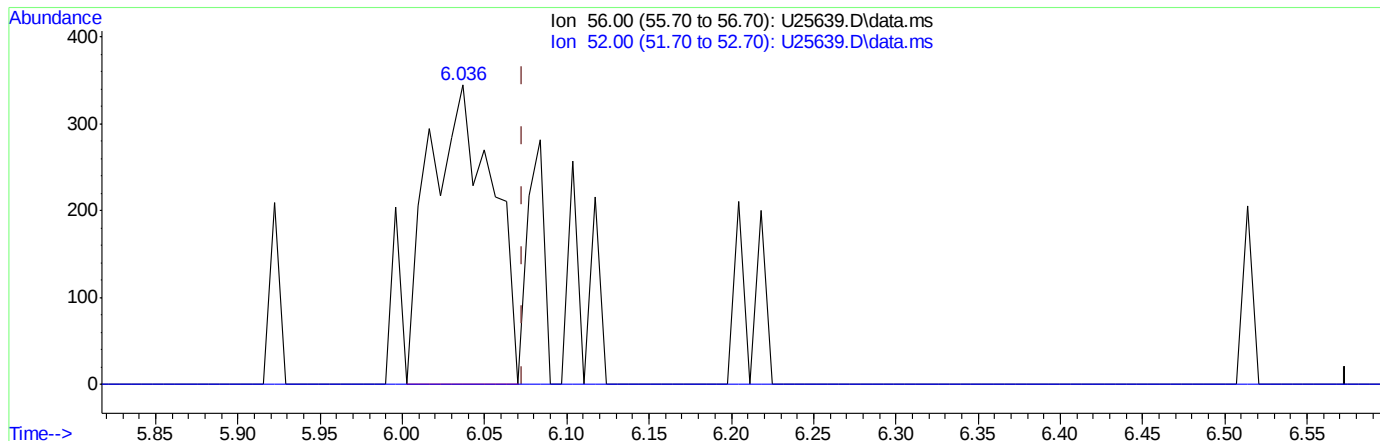
response 3043

Ion	Exp%	Act%
41.00	100	100
40.00	92.30	131.22#
39.00	24.50	47.89
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25639.D
Acq On : 15 Jan 2015 6:44 pm
Operator : GaryK
Sample : ic1085-5
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 16 11:24:03 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25639.D\data.ms

(14) acrolein (P)

6.036min (-0.037) 33.55ppb m

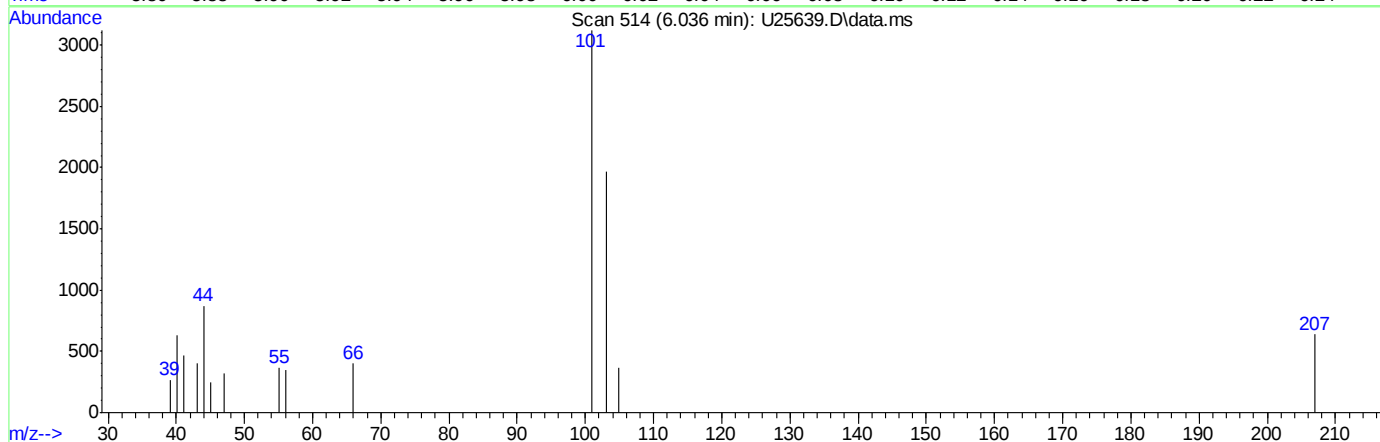
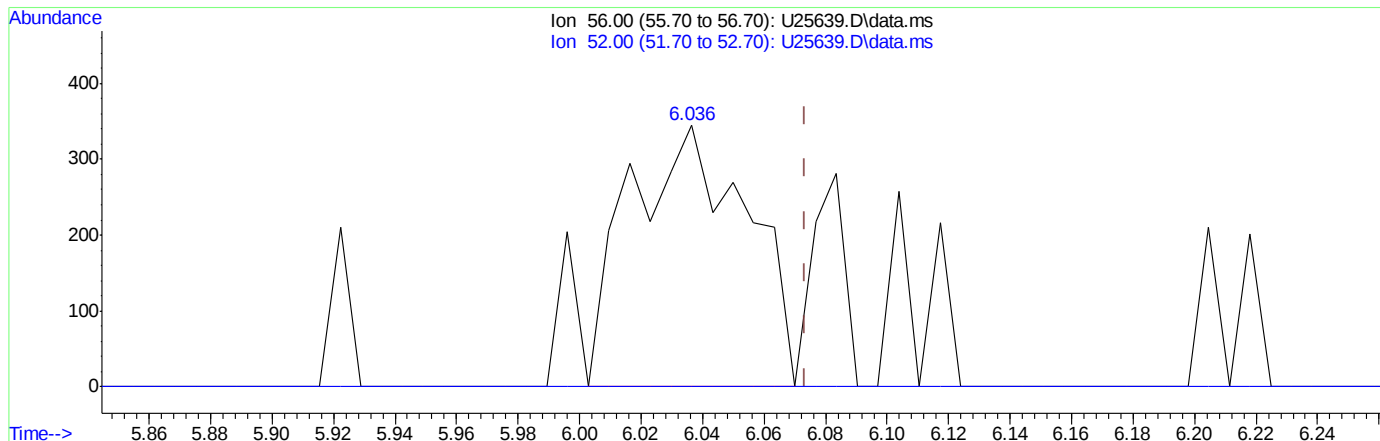
response 917

Ion	Exp%	Act%
56.00	100	100
52.00	2.80	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25639.D
Acq On : 15 Jan 2015 6:44 pm
Operator : GaryK
Sample : ic1085-5
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 16 11:30:33 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25639.D\data.ms

(14) acrolein (P)

6.036min (-0.037) 33.55ppb m

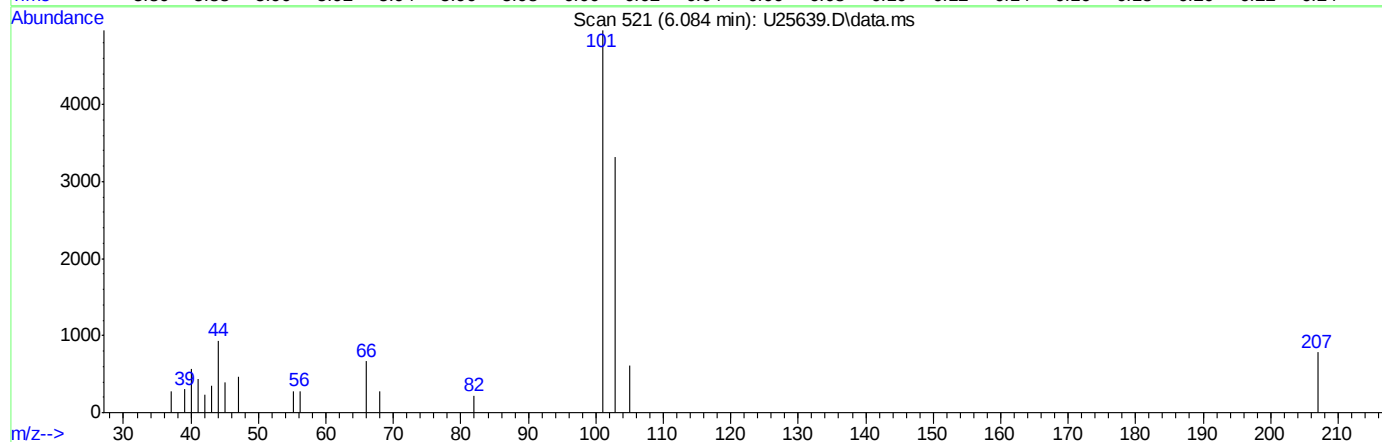
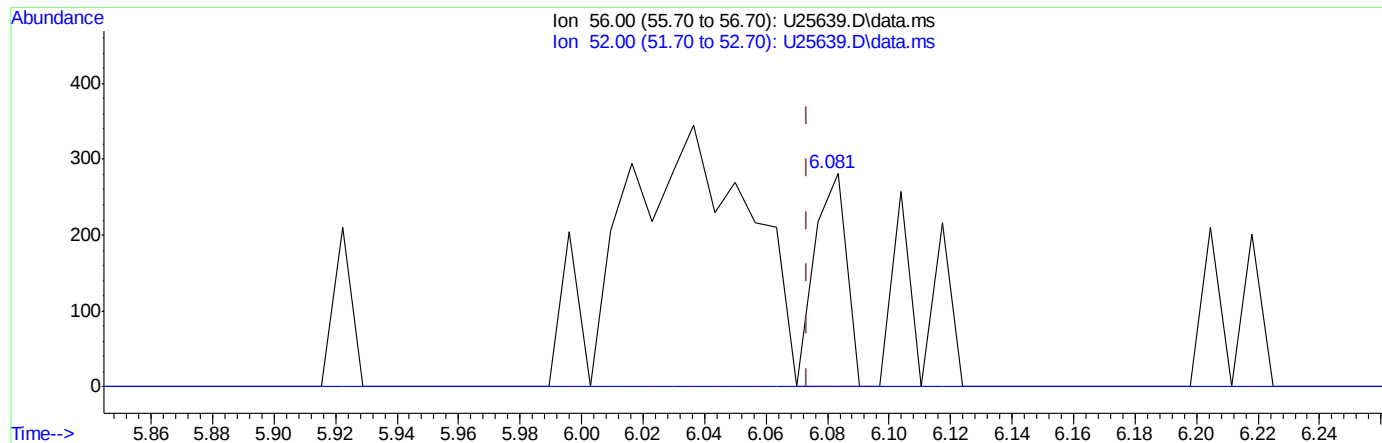
response 917

Ion	Exp%	Act%
56.00	100	100
52.00	2.80	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25639.D
Acq On : 15 Jan 2015 6:44 pm
Operator : GaryK
Sample : ic1085-5
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 16 11:30:33 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25639.D\data.ms

(14) acrolein (P)

6.084min (+0.010) 7.39ppb m

response 202

Ion	Exp%	Act%
56.00	100	100
52.00	2.80	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150115\
 Data File : U25640.D
 Acq On : 15 Jan 2015 7:11 pm
 Operator : GaryK
 Sample : ic1085-10
 Misc : ms33699,msu1085,,,,5,1
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 16 12:17:12 2015
 Quant Method : D:\msdchem\1\methods\U150115w.m
 Quant Title : SW-846 Method 8260
 QLast Update : Fri Jan 16 08:55:23 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	6.757	65	102251	500.00	ppb	0.07
4) pentafluorobenzene	8.960	168	306179	50.00	ppb	0.00
43) 1,4-difluorobenzene	9.828	114	452764	50.00	ppb	0.00
66) chlorobenzene-d5	13.084	82	166175	50.00	ppb	# 0.00
80) 1,4-dichlorobenzene-d4	15.647	152	224939	50.00	ppb	0.00

System Monitoring Compounds						
40) dibromofluoromethane (s)	8.600	113	170397	50.93	ppb	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.86%
60) toluene-d8 (s)	11.625	98	440463	48.39	ppb	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.78%
82) bromofluorobenzene (s)	14.313	95	157547	47.37	ppb	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.74%

Target Compounds					Qvalue	
2) tertiary butyl alcohol	6.823	59	26018m	99.29	ppb	
3) Ethanol	5.781	45	18810m	1142.54	ppb	
5) dichlorodifluoromethane	4.335	85	55271	10.30	ppb	95
6) chloromethane	4.549	50	50092	10.33	ppb	99
7) vinyl chloride	4.804	62	42739	10.22	ppb	98
8) bromomethane	5.277	96	30324	10.97	ppb	86
9) chloroethane	5.404	64	15964	10.09	ppb	95
10) ethyl ether	6.282	59	19180	9.88	ppb	69
11) acetonitrile	6.111	41	3444m	10.72	ppb	
12) trichlorofluoromethane	6.084	101	61924	10.08	ppb	98
13) freon-113	6.825	101	35362	9.59	ppb	92
14) acrolein	6.043	56	622m	23.71	ppb	
15) 1,1-dichloroethene	6.627	96	29485	10.06	ppb	83
16) acetone	6.238	58	2447m	6.40	ppb	
17) Methyl Acetate	6.878	43	34137	10.01	ppb	# 63
18) methylene chloride	6.773	84	29690	10.17	ppb	# 74
19) methyl tert butyl ether	7.561	73	73374	10.22	ppb	92
20) acrylonitrile	6.735	53	9996	9.18	ppb	99
21) allyl chloride	6.863	41	41537	9.65	ppb	80
22) trans-1,2-dichloroethene	7.453	96	28045	10.17	ppb	# 75
23) iodomethane	6.684	142	65165	9.89	ppb	97
24) carbon disulfide	7.060	76	99044	9.92	ppb	98
25) propionitrile	8.060	54	2192m	10.63	ppb	
26) vinyl acetate	7.830	43	29687	9.53	ppb	94
27) chloroprene	8.068	53	36736	9.78	ppb	86
28) di-isopropyl ether	8.114	45	75469	10.01	ppb	96
29) methacrylonitrile	8.260	41	18547	11.04	ppb	78
30) 2-butanone	8.181	72	3443m	9.08	ppb	
31) Ethyl Acetate	8.121	43	70367	9.76	ug/L	# 68
32) Hexane	8.094	41	40289	10.38	ppb	# 74
33) 1,1-dichloroethane	7.703	63	44473	10.14	ppb	95
34) tert-butyl ethyl ether	8.509	59	79608	10.03	ppb	87
35) isobutyl alcohol	8.526	43	17529	60.16	ppb	85
36) 2,2-dichloropropane	8.564	77	33222	10.38	ppb	89

Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150115\
 Data File : U25640.D
 Acq On : 15 Jan 2015 7:11 pm
 Operator : GaryK
 Sample : ic1085-10
 Misc : ms33699,msu1085,,,,,5,1
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 16 12:17:12 2015
 Quant Method : D:\msdchem\1\methods\U150115w.m
 Quant Title : SW-846 Method 8260
 QLast Update : Fri Jan 16 08:55:23 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) cis-1,2-dichloroethene	8.275	96	31569	10.39	ppb	# 78
38) bromochloromethane	8.441	128	19311	10.04	ppb	# 49
39) chloroform	8.478	83	48551	10.06	ppb	92
41) Tetrahydrofuran	8.873	42	10543	11.81	ppb	72
42) 1,1,1-trichloroethane	9.230	97	47041	9.90	ppb	93
44) Cyclohexane	9.516	56	44390	9.93	ppb	# 81
45) carbon tetrachloride	9.592	117	43958	9.57	ppb	91
46) 1,1-dichloropropene	9.402	75	33025	9.93	ppb	88
47) benzene	9.625	78	88201	9.88	ppb	99
48) 1,2-dichloroethane	9.141	62	39324	11.06	ppb	95
49) tert-amyl methyl ether	9.758	73	77663	11.00	ppb	94
50) heptane	10.111	43	27726m	9.64	ppb	
51) trichloroethene	10.246	95	30781	10.47	ppb	79
52) 1,2-dichloropropane	10.215	63	21617	9.69	ppb	95
53) dibromomethane	10.192	93	18742	10.18	ppb	85
54) bromodichloromethane	10.303	83	36173	9.77	ppb	95
55) Methylcyclohexane	10.764	83	41167	9.79	ppb	# 79
56) 2-chloroethyl vinyl ether	10.689	63	3171m	10.11	ppb	
57) methyl methacrylate	10.425	69	12560	9.47	ppb	# 74
58) 1,4-dioxane	10.575	88	1762m	270.94	ppb	
59) cis-1,3-dichloropropene	10.925	75	33746	9.33	ppb	83
61) 4-methyl-2-pentanone	11.080	43	29755	12.46	ppb	97
62) toluene	11.698	92	51372	9.33	ppb	99
63) trans-1,3-dichloropropene	11.349	75	27234	9.03	ppb	96
64) 1,1,2-trichloroethane	11.518	83	15494	9.41	ppb	98
65) ethyl methacrylate	11.745	69	22442	9.40	ppb	# 3
67) tetrachloroethene	12.440	166	26793	10.32	ppb	93
68) 1,3-dichloropropane	11.756	76	26183	9.74	ppb	93
69) dibromochloromethane	12.043	129	29957	10.08	ppb	95
70) 1,2-dibromoethane	12.297	107	22030	10.23	ppb	98
71) 2-hexanone	11.946	43	14437	11.77	ppb	90
72) chlorobenzene	13.120	112	62877	10.04	ppb	88
73) 1,1,1,2-tetrachloroethane	13.038	131	31460	10.63	ppb	98
74) ethylbenzene	13.300	91	96852	10.33	ppb	93
75) m,p-xylene	13.483	106	80533	20.48	ppb	86
76) o-xylene	13.893	106	44963	10.33	ppb	91
77) styrene	13.827	104	62318	10.29	ppb	91
78) bromoform	13.649	173	18657	10.14	ppb	97
79) trans-1,4-dichloro-2-b...	14.055	53	7114	11.50	ppb	# 77
81) isopropylbenzene	14.257	105	118159	9.33	ppb	95
83) bromobenzene	14.546	156	31313	9.34	ppb	# 71
84) 1,1,2,2-tetrachloroethane	13.900	83	26867	9.35	ppb	97
85) 1,2,3-trichloropropane	14.053	75	28957	9.94	ppb	100
86) n-propylbenzene	14.705	91	125652	9.57	ppb	91
87) 2-chlorotoluene	14.819	91	78893	9.60	ppb	81
88) 4-chlorotoluene	14.900	91	74247	9.59	ppb	83
89) 1,3,5-trimethylbenzene	14.980	105	106779	9.24	ppb	91
90) tert-butylbenzene	15.283	91	56009	8.25	ppb	85
91) 1,2,4-trimethylbenzene	15.387	105	110693	9.30	ppb	95
92) sec-butylbenzene	15.507	105	136651	8.92	ppb	91

Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25640.D
Acq On : 15 Jan 2015 7:11 pm
Operator : GaryK
Sample : ic1085-10
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 16 12:17:12 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration

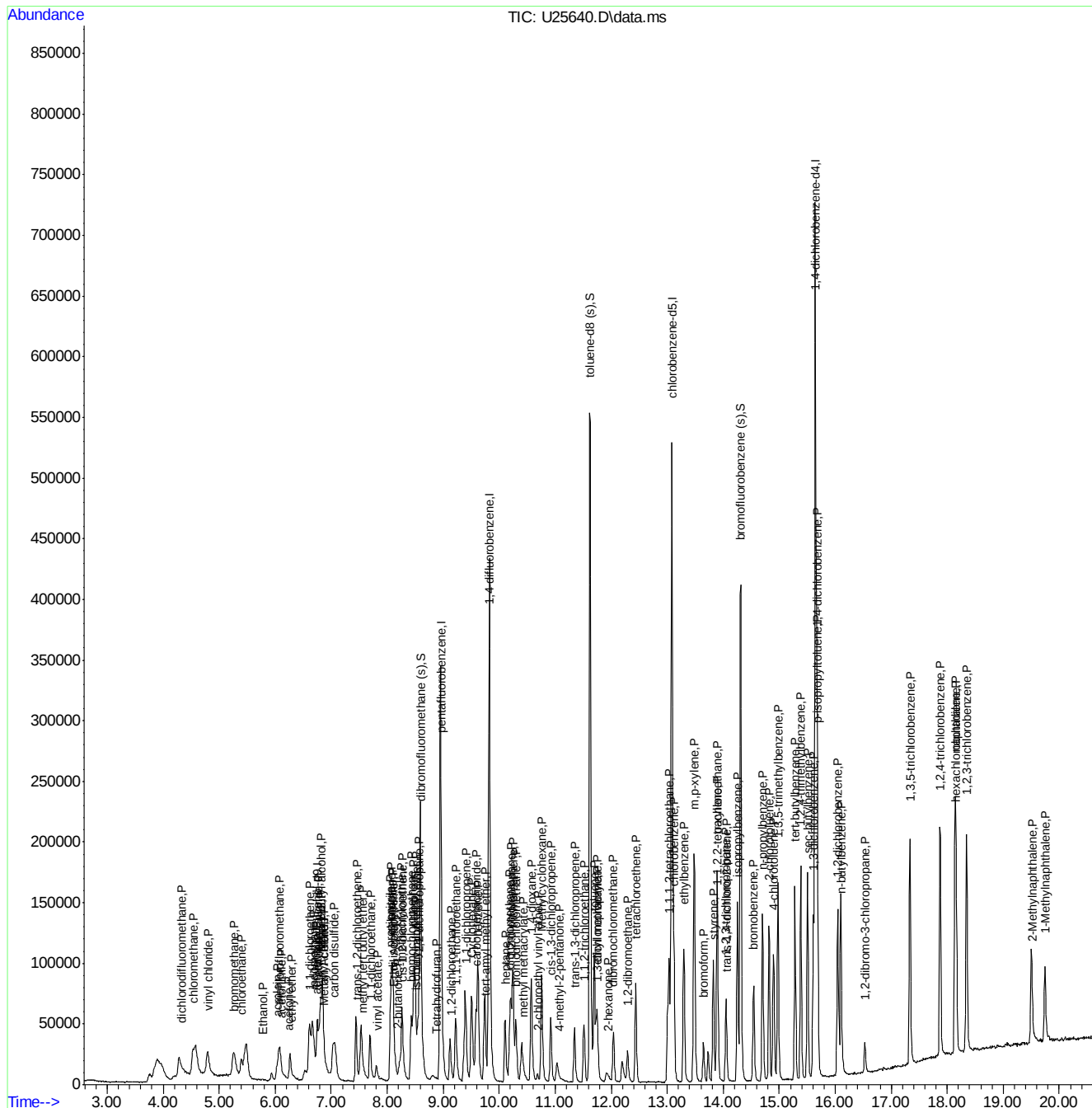
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93)	1,3-dichlorobenzene	15.609	146	62496	9.43	ppb	98
94)	p-isopropyltoluene	15.683	119	126140	9.03	ppb	95
95)	1,4-dichlorobenzene	15.676	146	67076	9.77	ppb	98
96)	1,2-dichlorobenzene	16.047	146	73282	9.82	ppb	98
97)	n-butylbenzene	16.108	91	110455	9.70	ppb	83
98)	1,2-dibromo-3-chloropr...	16.531	75	7773	9.92	ppb #	74
99)	1,3,5-trichlorobenzene	17.339	180	69492	9.89	ug/L	100
100)	1,2,4-trichlorobenzene	17.877	180	70124	10.03	ppb	97
101)	hexachlorobutadiene	18.161	225	24170	8.56	ppb	97
102)	naphthalene	18.143	128	190389	9.74	ppb	100
103)	2-Methylnaphthalene	19.515	142	57095	4.81	ug/L	95
104)	1-Methylnaphthalene	19.753	142	43938	4.86	ug/L	95
105)	1,2,3-trichlorobenzene	18.347	180	70040	10.26	ppb	92

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

Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25640.D
Acq On : 15 Jan 2015 7:11 pm
Operator : GaryK
Sample : ic1085-10
Misc : ms33699,msu1085,,,5,1
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 16 12:17:12 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



U150115w.m Fri Jan 16 12:44:17 2015

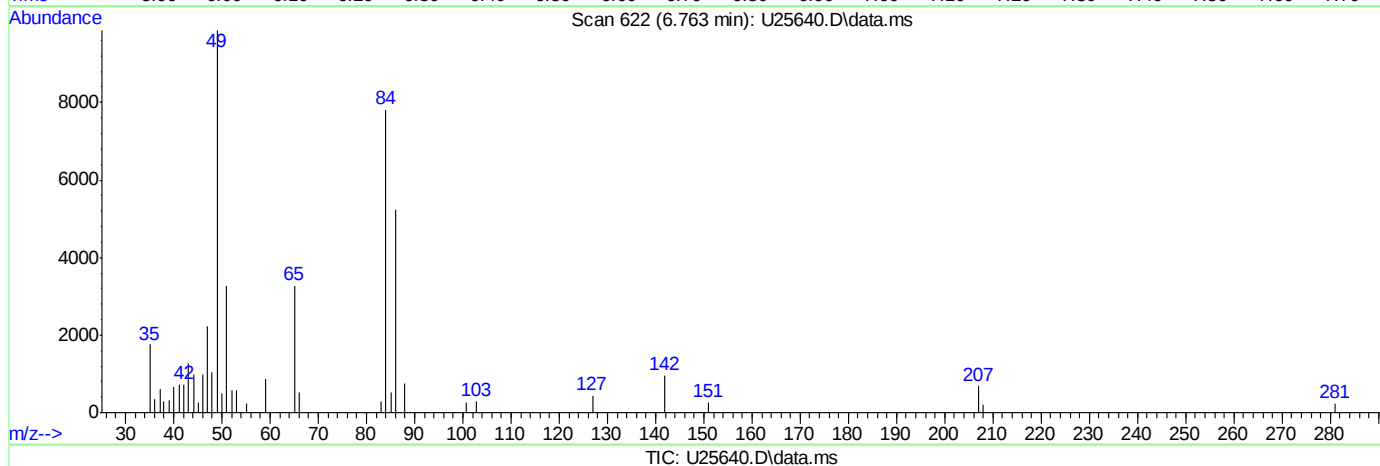
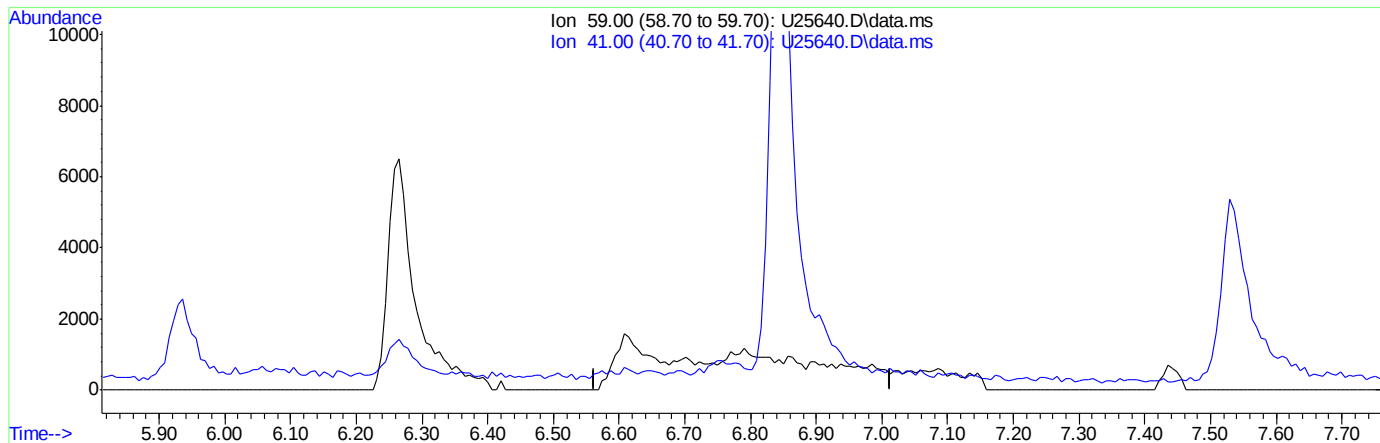
Page: 4

7.6.17

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25640.D
Acq On : 15 Jan 2015 7:11 pm
Operator : GaryK
Sample : ic1085-10
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 16 09:14:58 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(2) tertiary butyl alcohol (P)

6.763min (-6.763) 0.00ppb

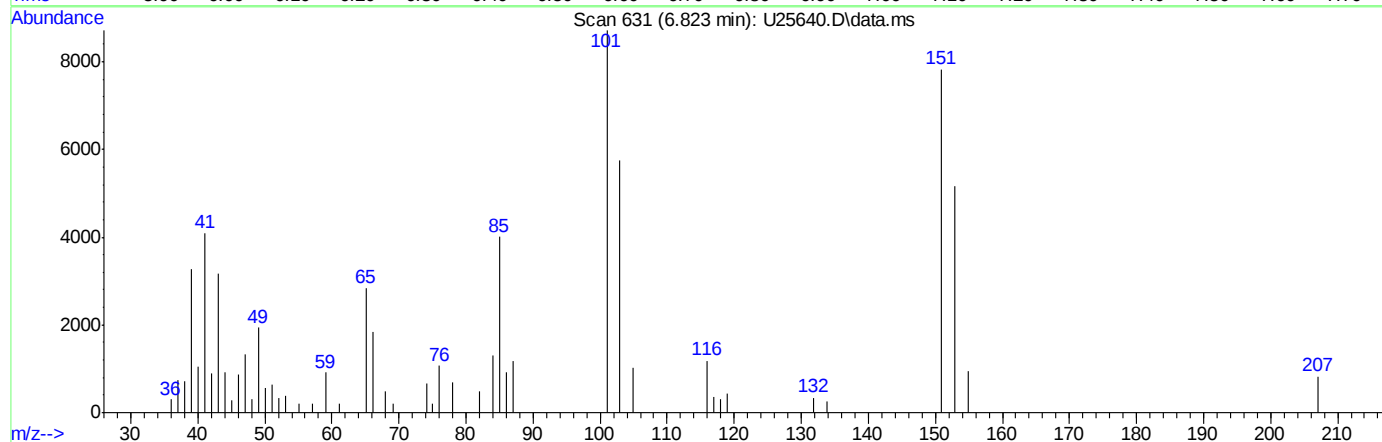
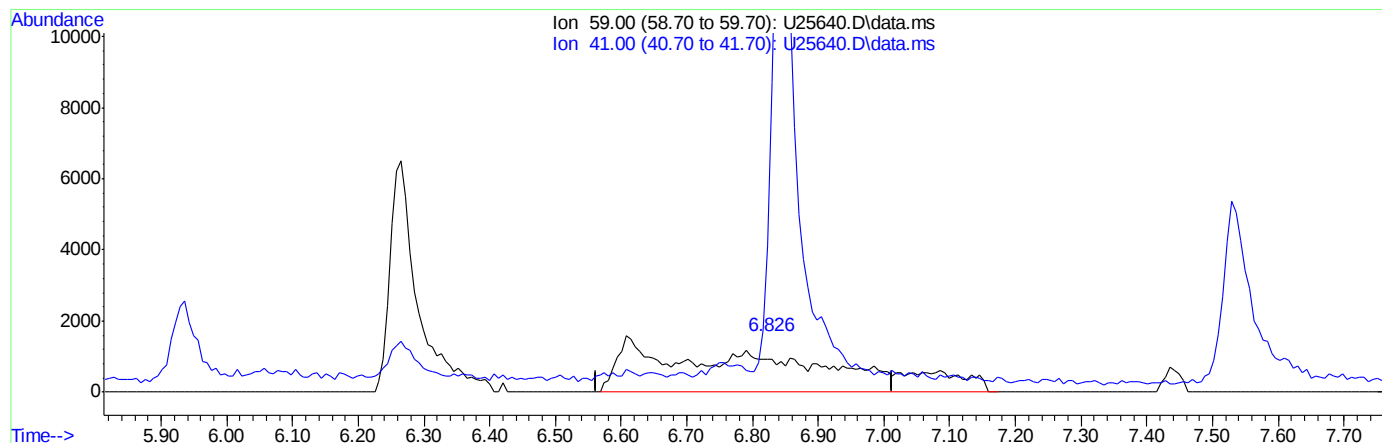
response 0

Ion	Exp%	Act%
59.00	100	0.00
41.00	23.90	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25640.D
Acq On : 15 Jan 2015 7:11 pm
Operator : GaryK
Sample : ic1085-10
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 16 09:14:58 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25640.D\data.ms

(2) tertiary butyl alcohol (P)

6.823min (+0.060) 99.29ppb m

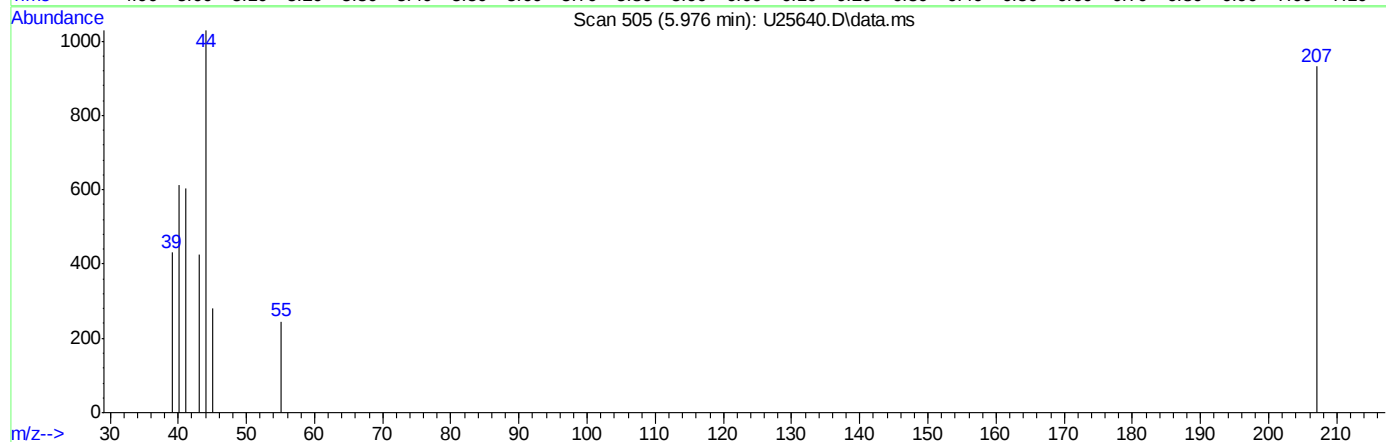
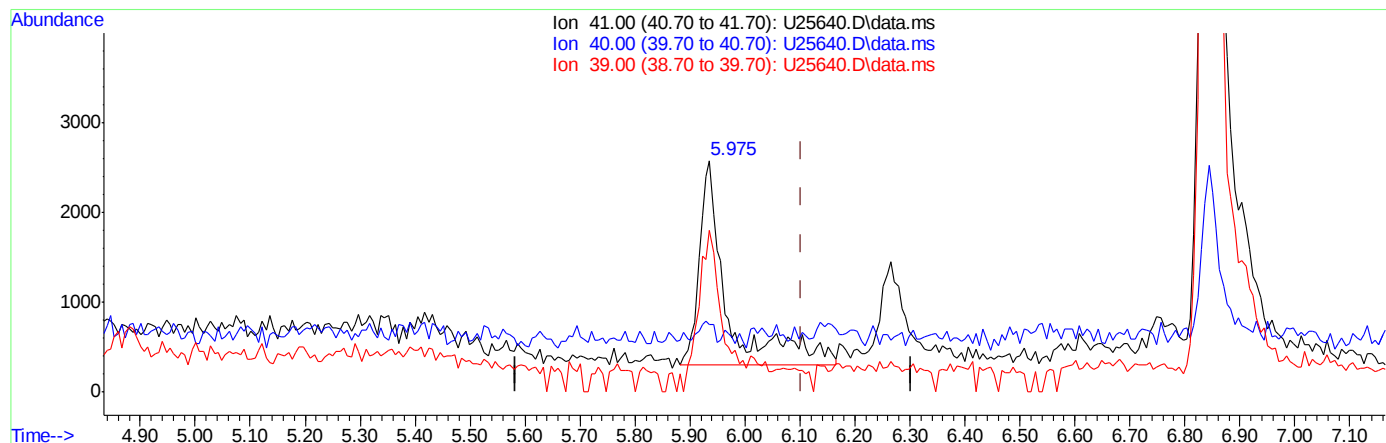
response 26018

Ion	Exp%	Act%
59.00	100	100
41.00	23.90	445.92#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25640.D
Acq On : 15 Jan 2015 7:11 pm
Operator : GaryK
Sample : ic1085-10
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 16 09:14:58 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(11) acetonitrile (P)

5.975min (-0.129) 24.79ppb

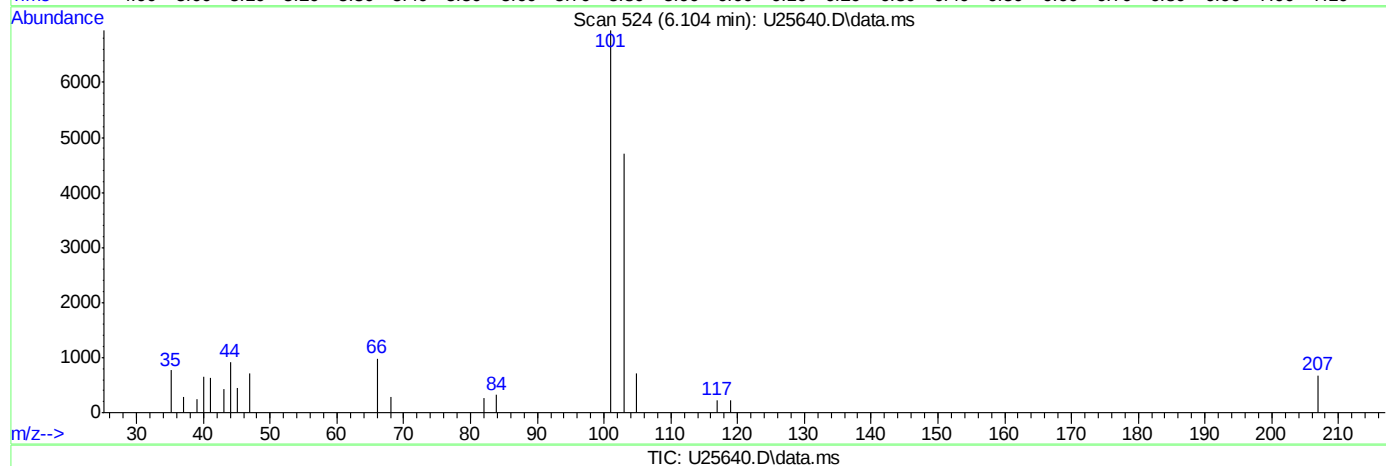
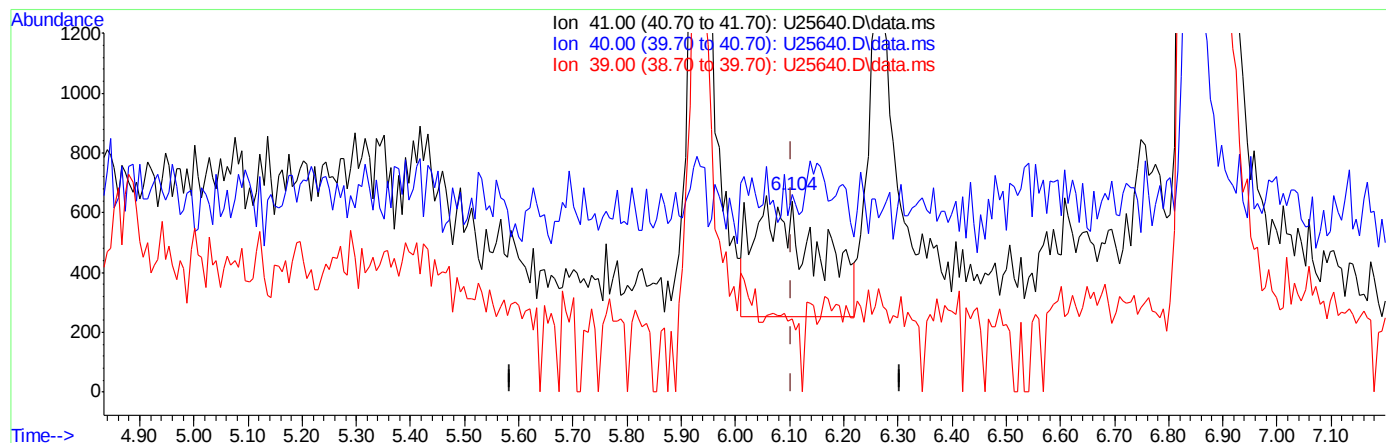
response 7968

Ion	Exp%	Act%
41.00	100	100
40.00	92.30	12.08#
39.00	24.50	76.17#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25640.D
Acq On : 15 Jan 2015 7:11 pm
Operator : GaryK
Sample : ic1085-10
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 16 09:14:58 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(11) acetonitrile (P)

6.104min (-0.000) 9.88ppb m

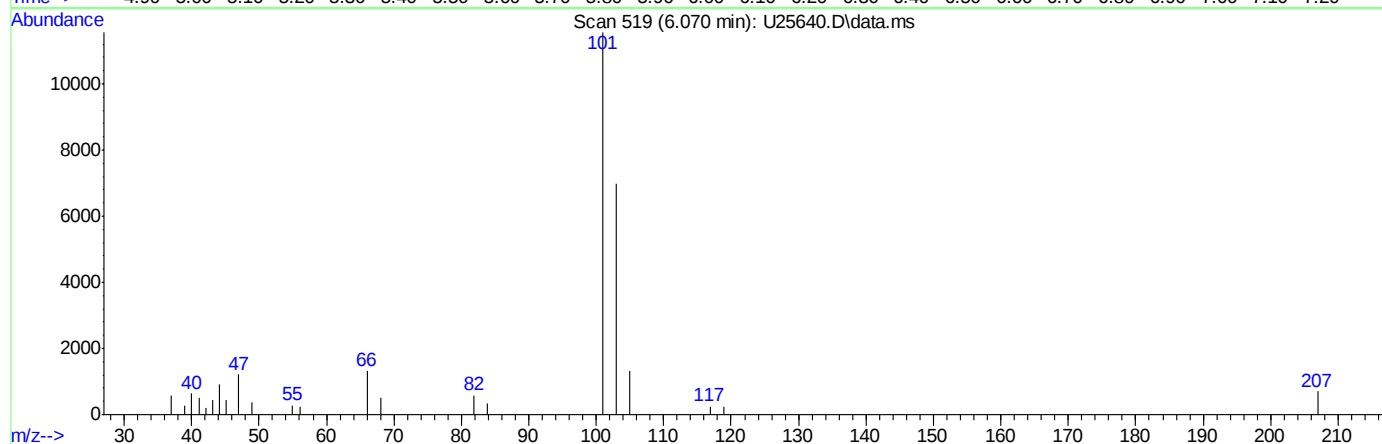
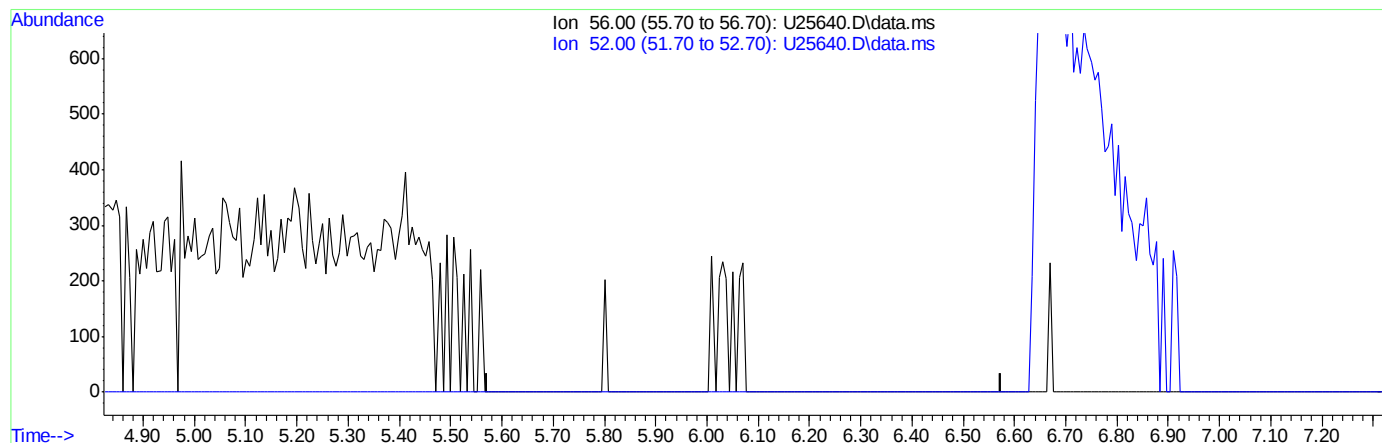
response 3174

Ion	Exp%	Act%
41.00	100	100
40.00	92.30	103.60
39.00	24.50	38.50
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25640.D
Acq On : 15 Jan 2015 7:11 pm
Operator : GaryK
Sample : ic1085-10
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 16 09:14:58 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25640.D\data.ms

(14) acrolein (P)

6.073min (-6.073) 0.00ppb

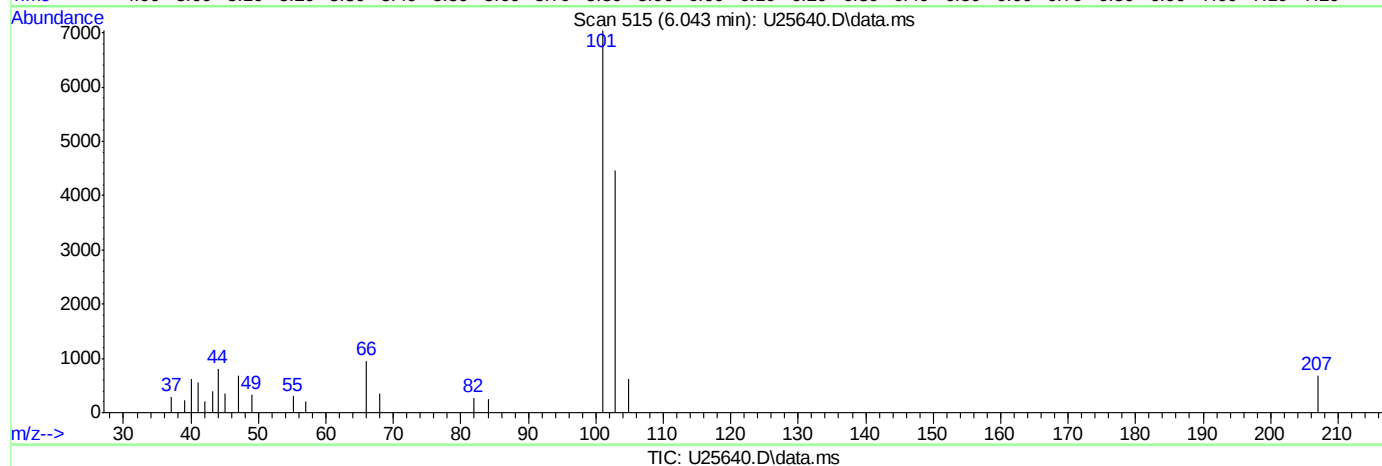
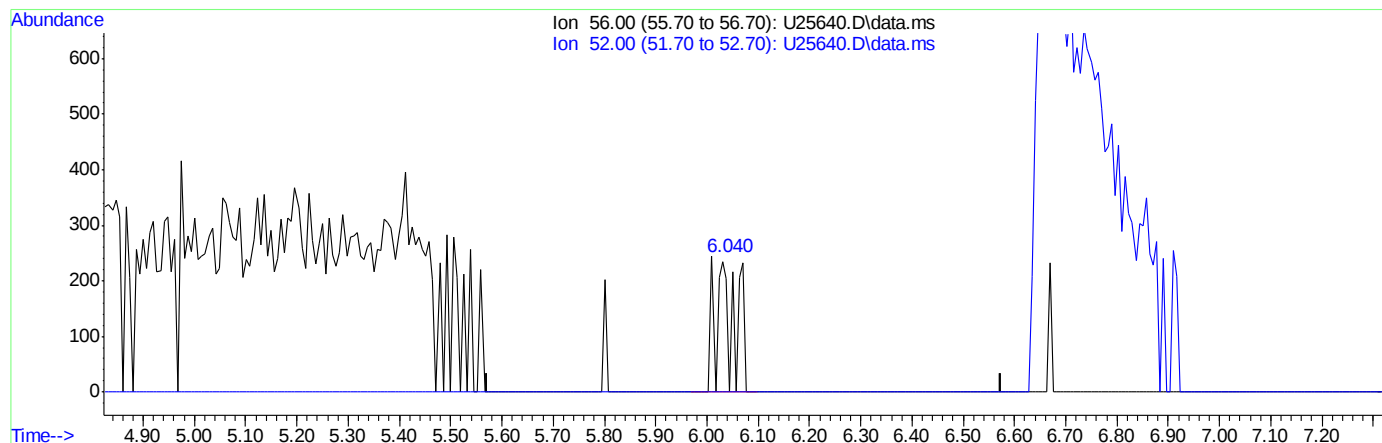
response 0

Ion	Exp%	Act%
56.00	100	0.00
52.00	2.80	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25640.D
Acq On : 15 Jan 2015 7:11 pm
Operator : GaryK
Sample : ic1085-10
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 16 09:14:58 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(14) acrolein (P)

6.043min (-0.030) 23.71ppb m

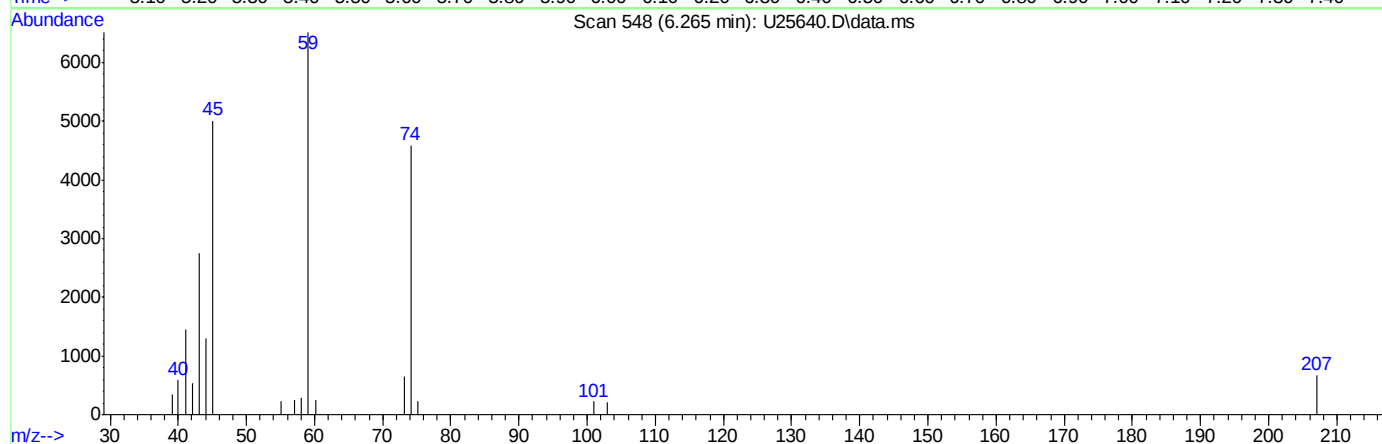
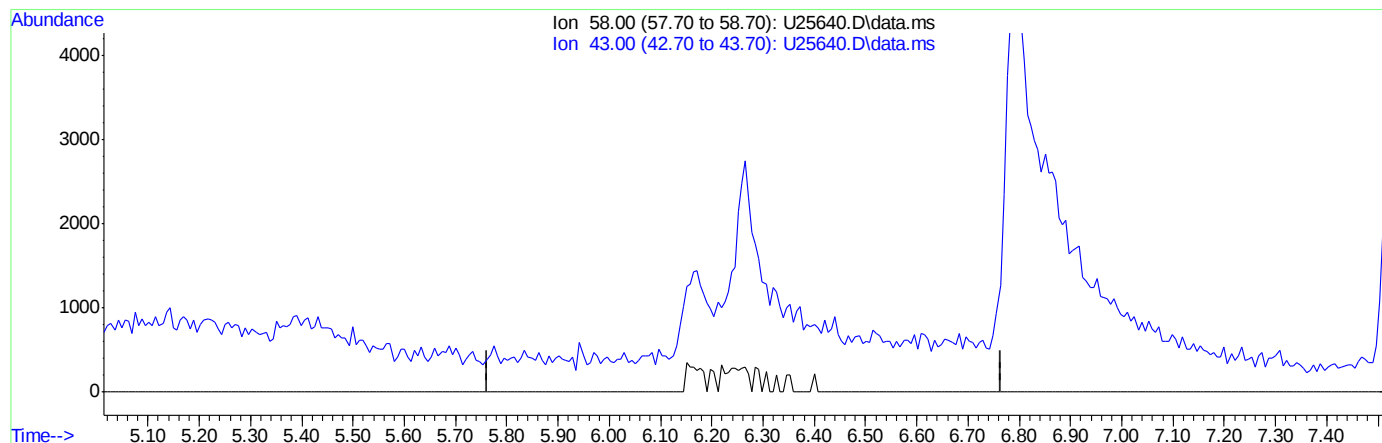
response 622

Ion	Exp%	Act%
56.00	100	100
52.00	2.80	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25640.D
Acq On : 15 Jan 2015 7:11 pm
Operator : GaryK
Sample : ic1085-10
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 16 09:14:58 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(16) acetone (P)

6.264min (-6.264) 0.00ppb

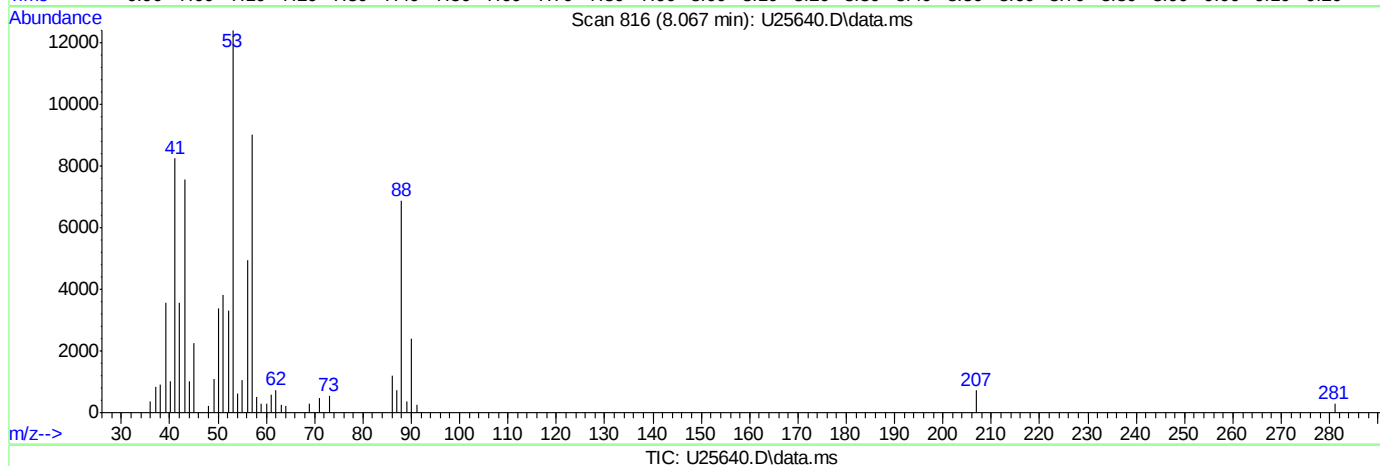
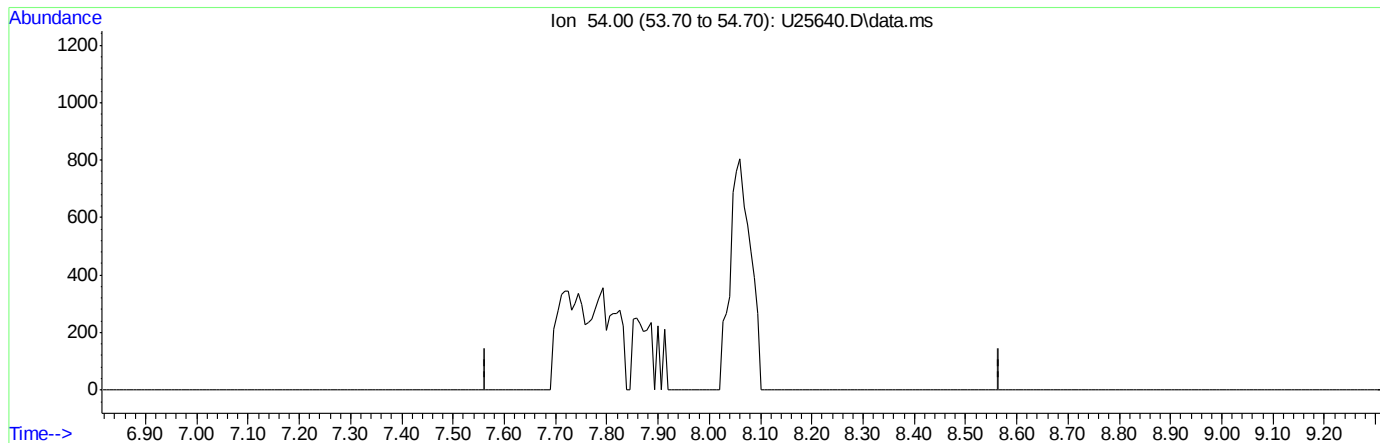
response 0

Ion	Exp%	Act%
58.00	100	0.00
43.00	308.80	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25640.D
Acq On : 15 Jan 2015 7:11 pm
Operator : GaryK
Sample : ic1085-10
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 16 09:14:58 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(25) propionitrile (P)

8.065min (-8.065) 0.00ppb

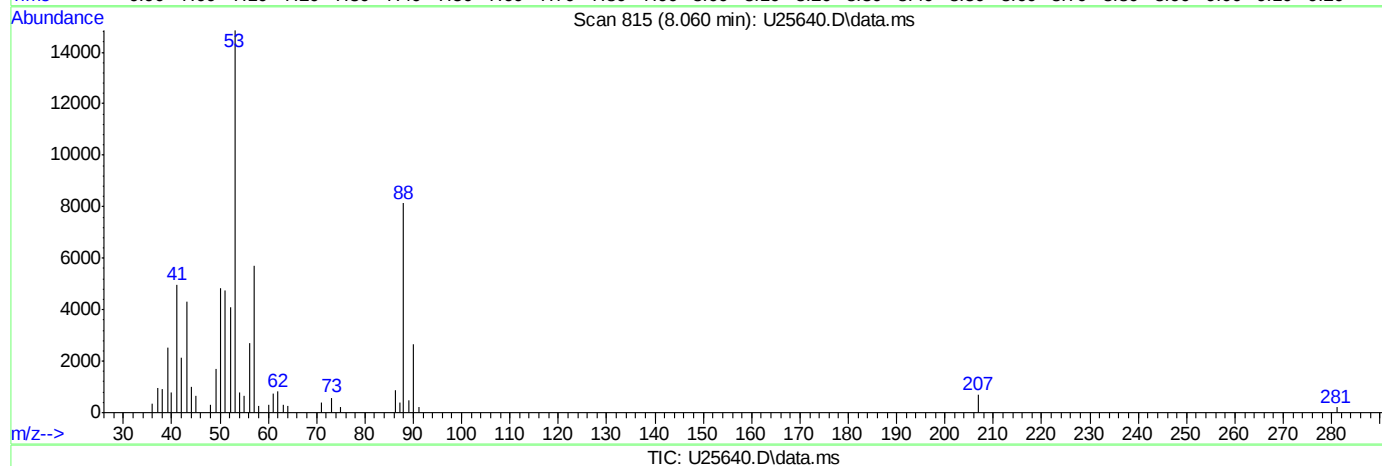
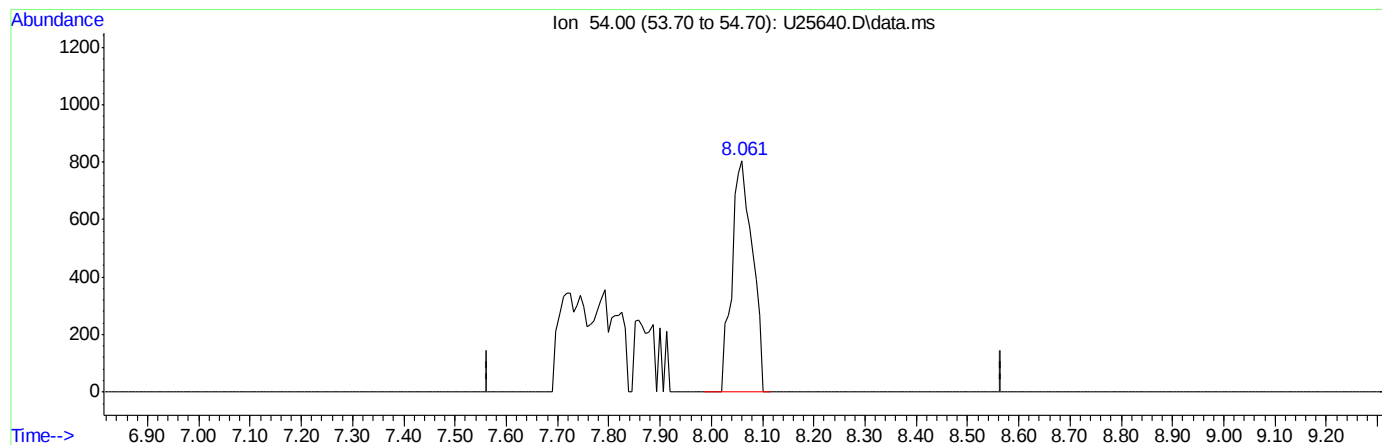
response 0

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

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25640.D
Acq On : 15 Jan 2015 7:11 pm
Operator : GaryK
Sample : ic1085-10
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 16 09:14:58 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(25) propionitrile (P)

8.060min (-0.005) 10.63ppb m

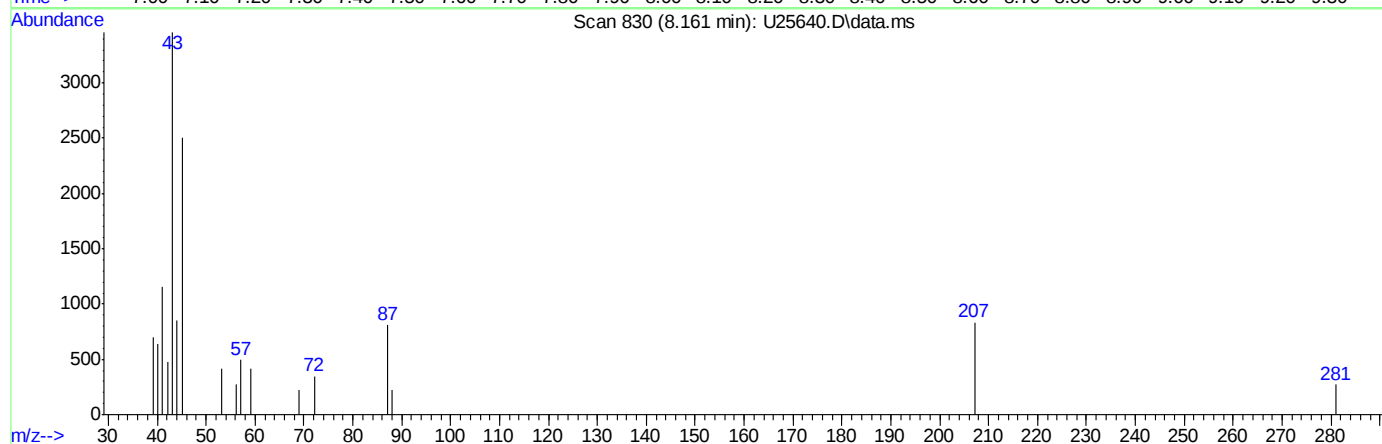
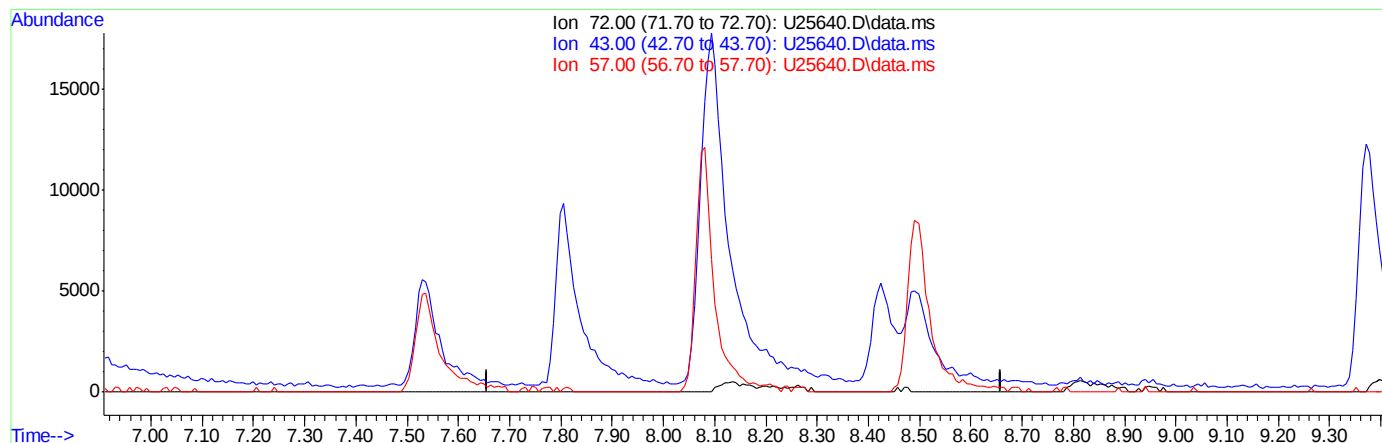
response 2192

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

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25640.D
Acq On : 15 Jan 2015 7:11 pm
Operator : GaryK
Sample : ic1085-10
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 16 09:14:58 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25640.D\data.ms

(30) 2-butanone (P)

8.158min (-8.158) 0.00ppb

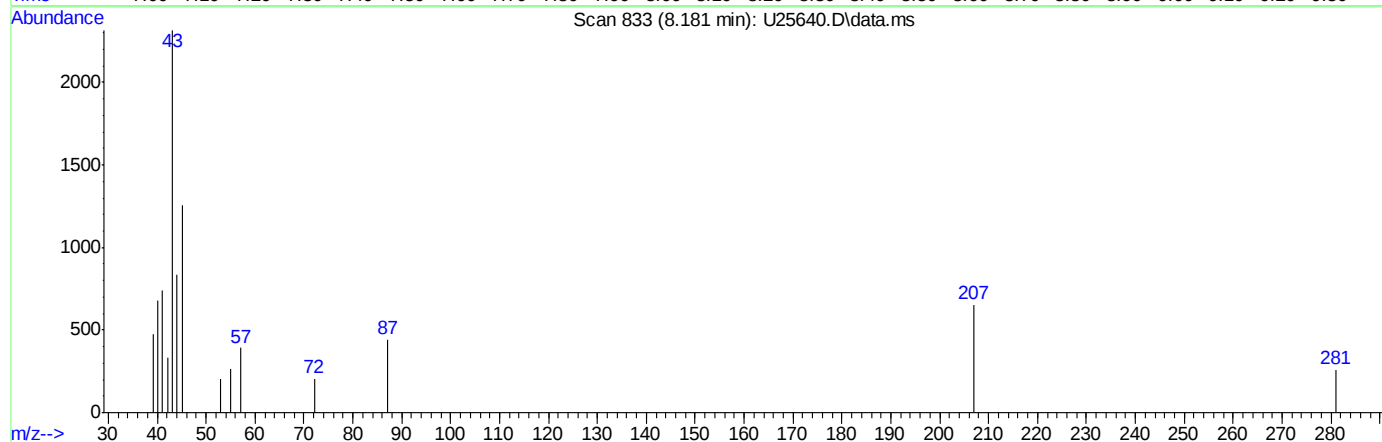
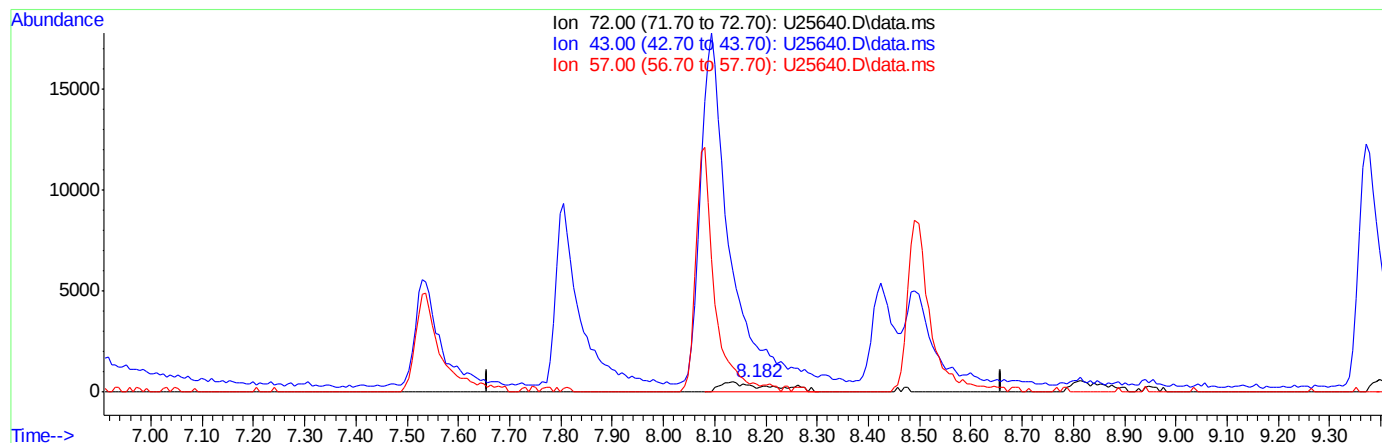
response 0

Ion	Exp%	Act%
72.00	100	0.00
43.00	1487.20	0.00#
57.00	99.80	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25640.D
Acq On : 15 Jan 2015 7:11 pm
Operator : GaryK
Sample : ic1085-10
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 16 09:14:58 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25640.D\data.ms

(30) 2-butanone (P)

8.181min (+0.023) 9.08ppb m

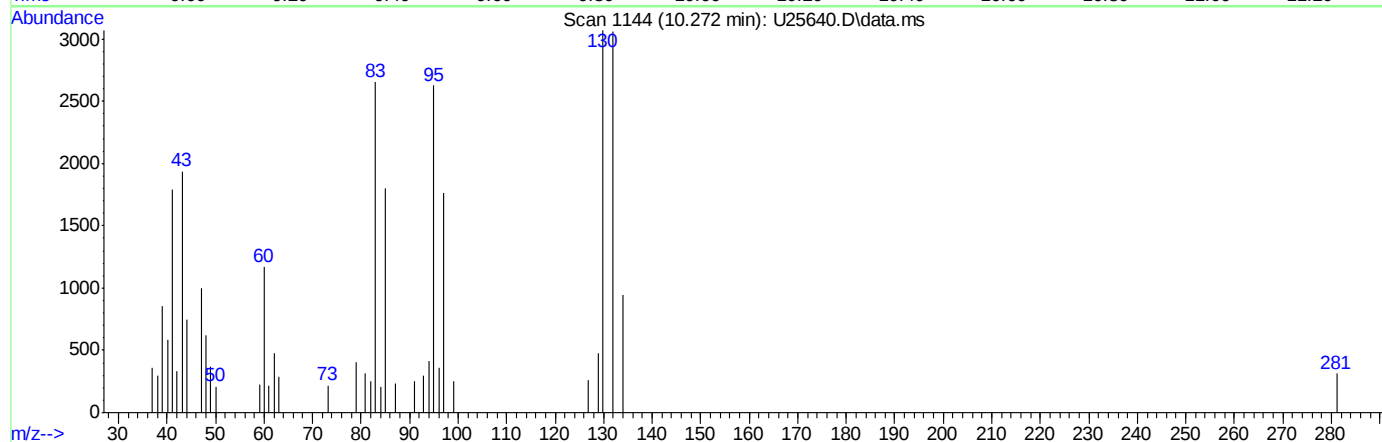
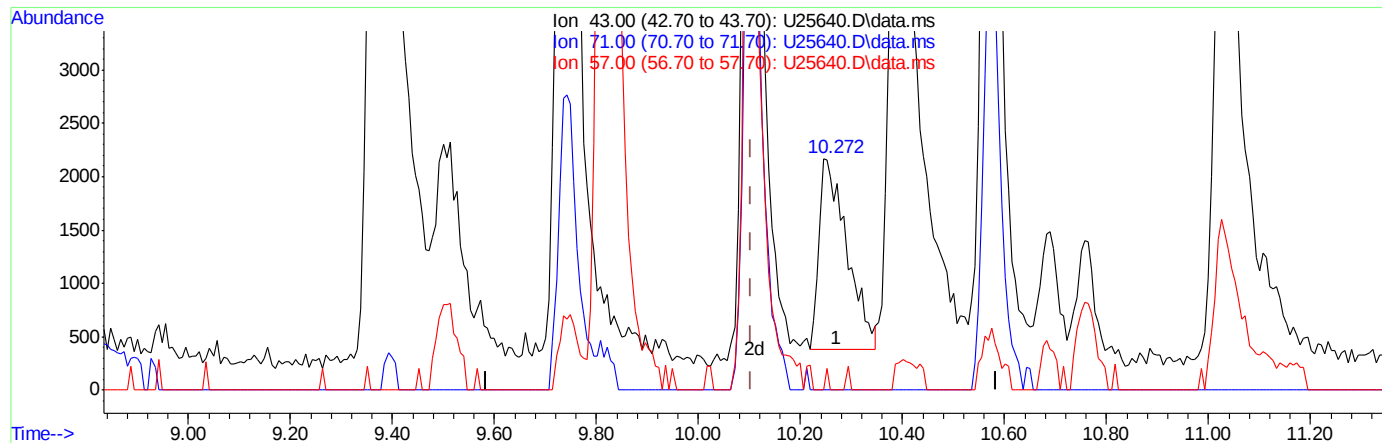
response 3443

Ion	Exp%	Act%
72.00	100	100
43.00	1487.20	1129.27#
57.00	99.80	191.22#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25640.D
Acq On : 15 Jan 2015 7:11 pm
Operator : GaryK
Sample : ic1085-10
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 16 09:14:58 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25640.D\data.ms

(50) heptane (P)

10.272min (+0.167) 2.35ppb

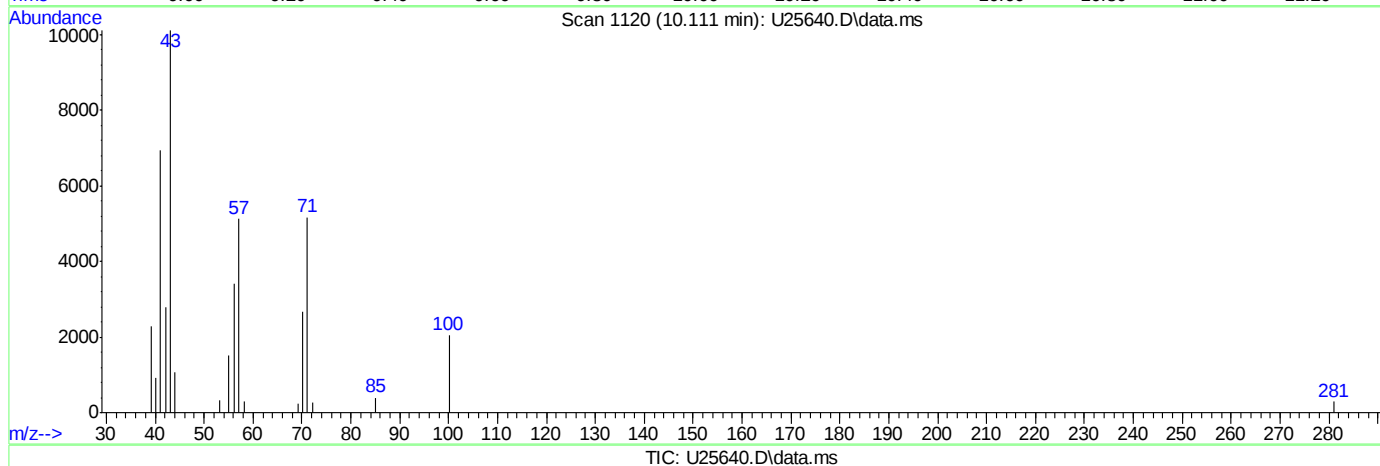
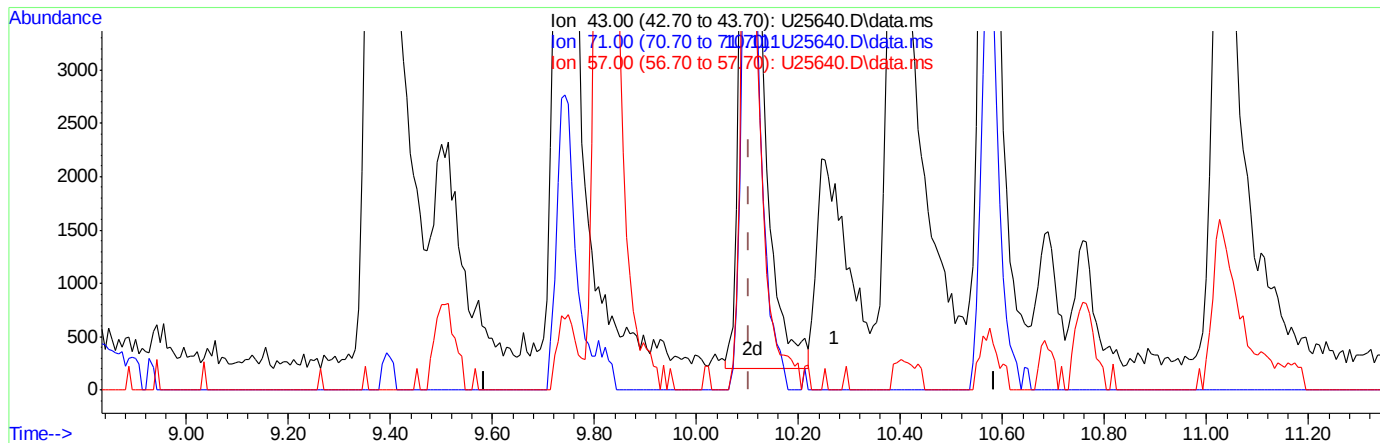
response 6754

Ion	Exp%	Act%
43.00	100	100
71.00	26.10	0.00
57.00	5.80	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25640.D
Acq On : 15 Jan 2015 7:11 pm
Operator : GaryK
Sample : ic1085-10
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 16 09:14:58 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(50) heptane (P)

10.111min (+0.007) 9.64ppb m

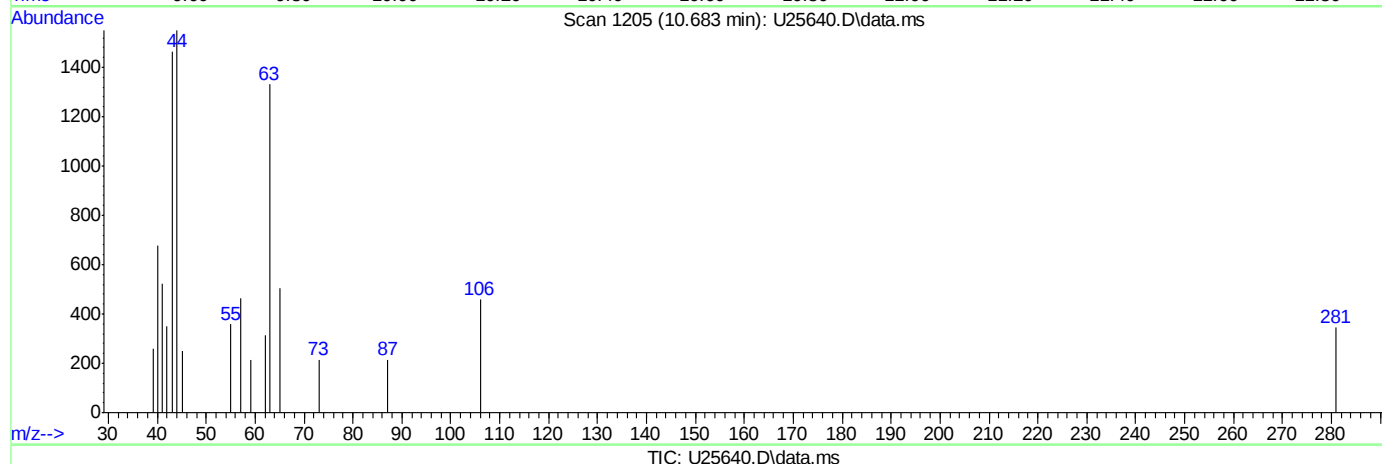
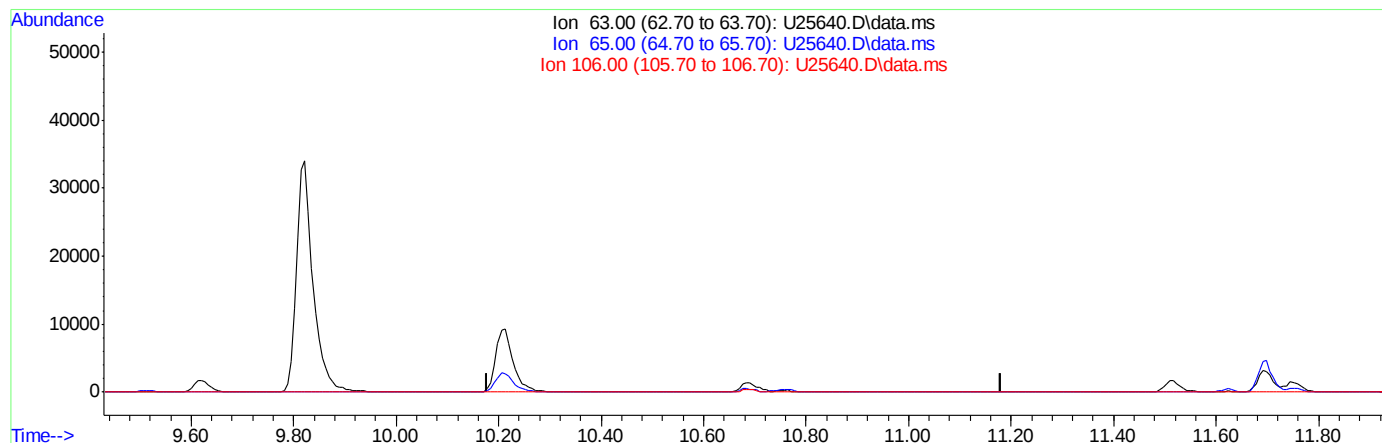
response 27726

Ion	Exp%	Act%
43.00	100	100
71.00	26.10	51.09
57.00	5.80	50.70#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25640.D
Acq On : 15 Jan 2015 7:11 pm
Operator : GaryK
Sample : ic1085-10
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 16 09:14:58 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(56) 2-chloroethyl vinyl ether (P)

10.680min (-10.680) 0.00ppb

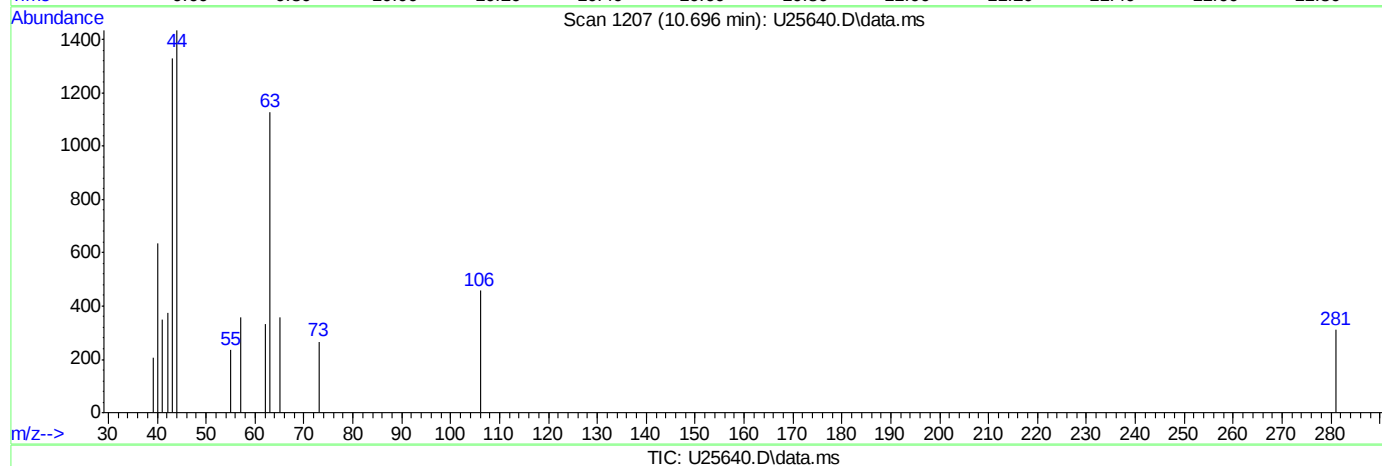
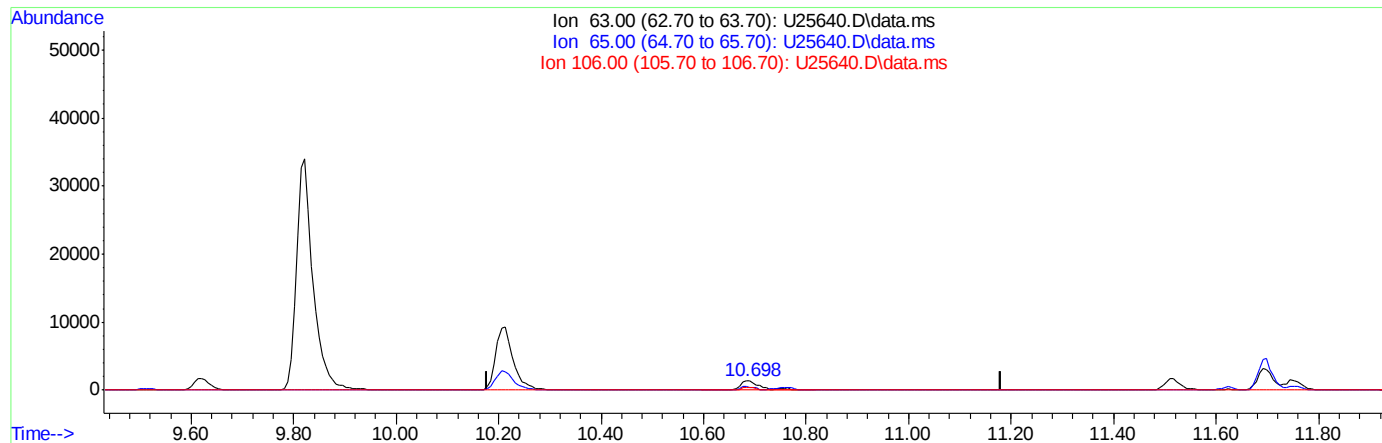
response 0

Ion	Exp%	Act%
63.00	100	0.00
65.00	29.80	0.00
106.00	21.20	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25640.D
Acq On : 15 Jan 2015 7:11 pm
Operator : GaryK
Sample : ic1085-10
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 16 09:14:58 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(56) 2-chloroethyl vinyl ether (P)

10.696min (+0.016) 11.47ppb m

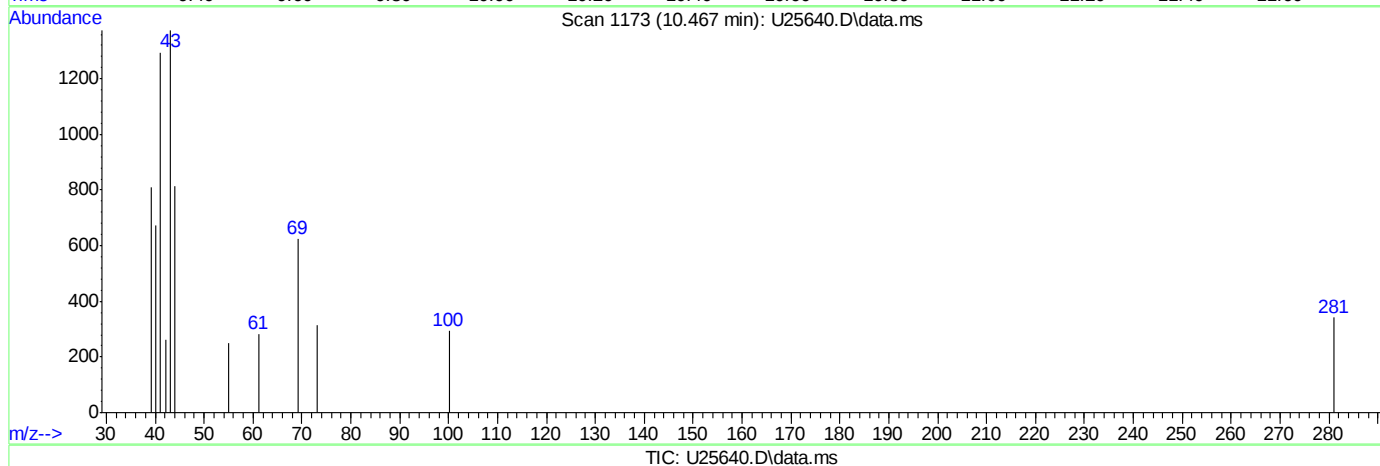
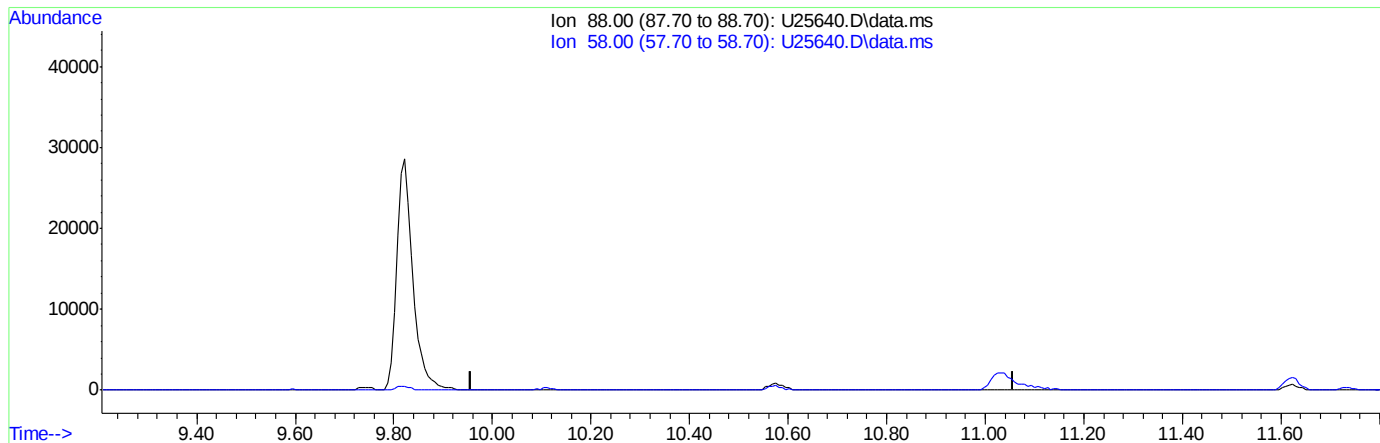
response 3597

Ion	Exp%	Act%
63.00	100	100
65.00	29.80	31.68
106.00	21.20	40.44
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25640.D
Acq On : 15 Jan 2015 7:11 pm
Operator : GaryK
Sample : ic1085-10
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 16 09:14:58 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(58) 1,4-dioxane (P)

10.468min (-10.468) 0.00ppb

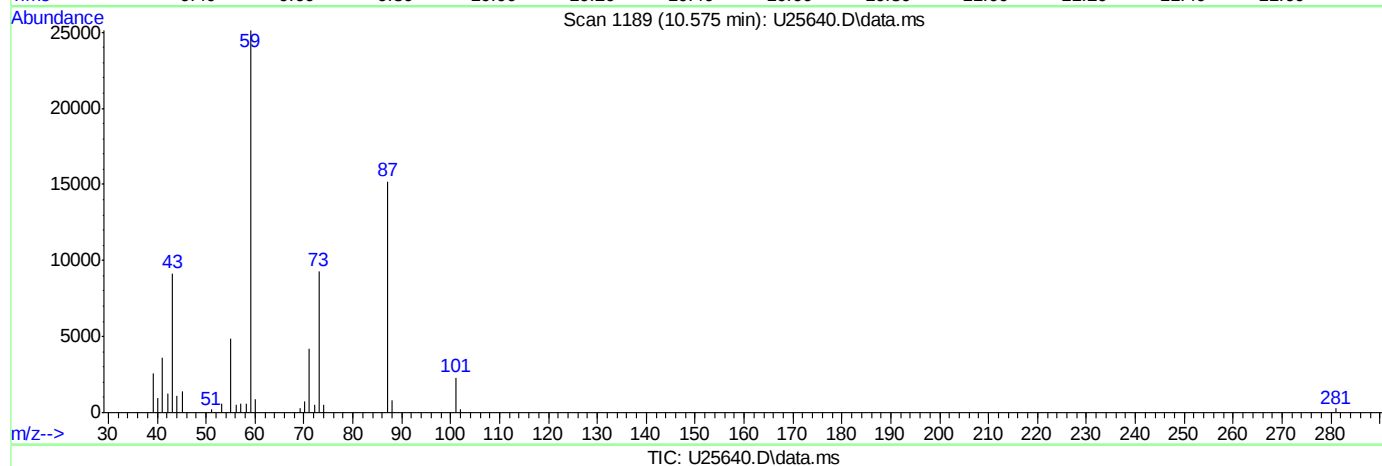
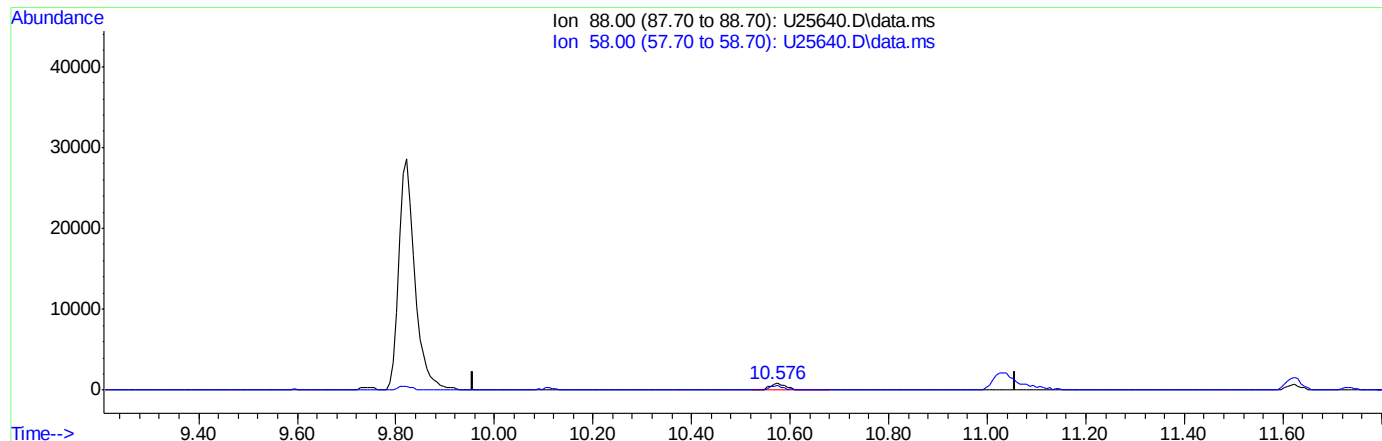
response 0

Ion	Exp%	Act%
88.00	100	0.00
58.00	109.20	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25640.D
Acq On : 15 Jan 2015 7:11 pm
Operator : GaryK
Sample : ic1085-10
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 16 09:14:58 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(58) 1,4-dioxane (P)

10.575min (+0.107) 270.94ppb m

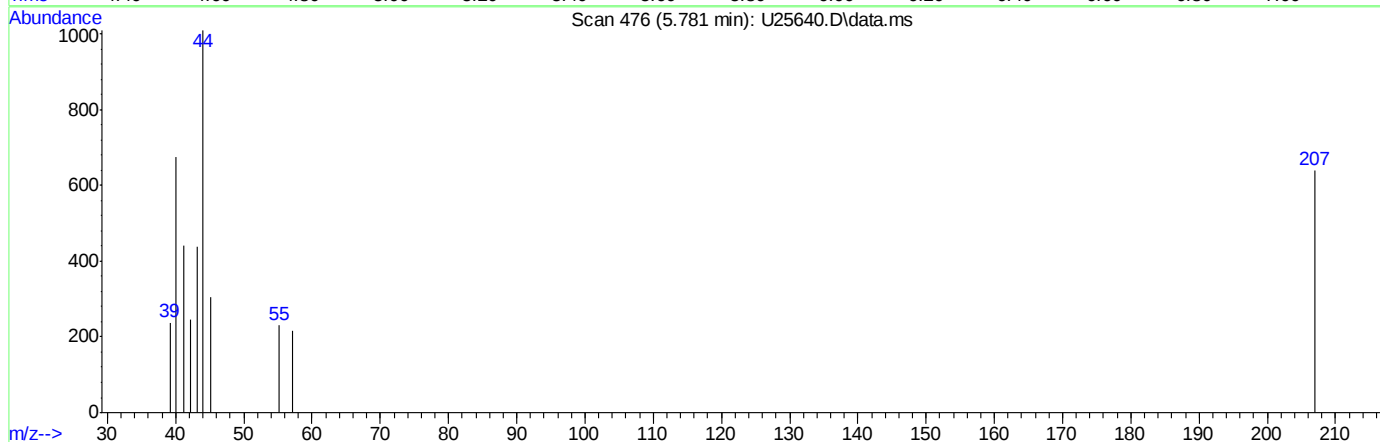
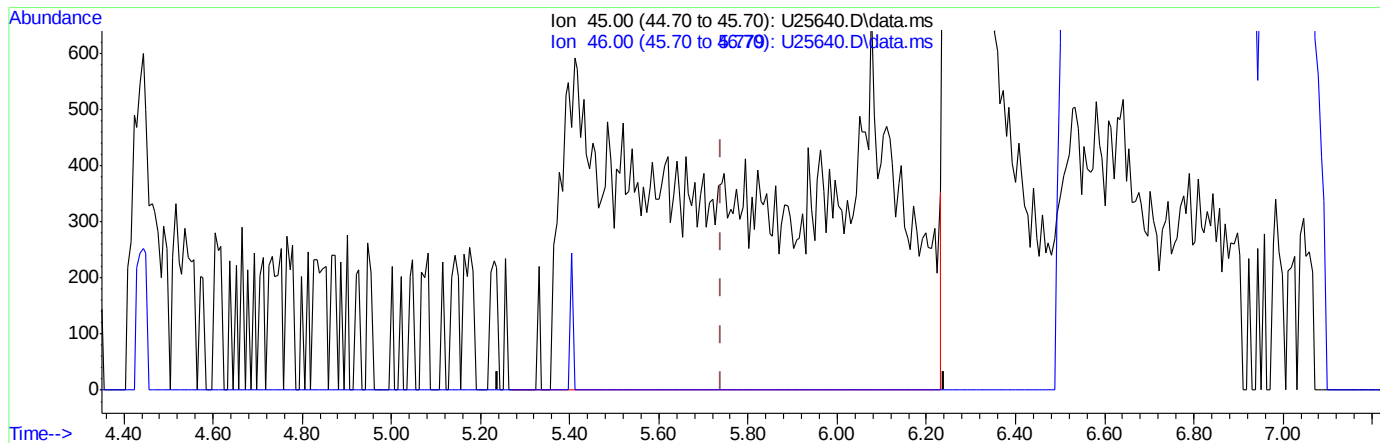
response 1762

Ion	Exp%	Act%
88.00	100	100
58.00	109.20	67.84#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25640.D
Acq On : 15 Jan 2015 7:11 pm
Operator : GaryK
Sample : ic1085-10
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 16 09:16:34 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25640.D\data.ms

(3) Ethanol (P)

5.781min (+0.040) 1142.54ppb m

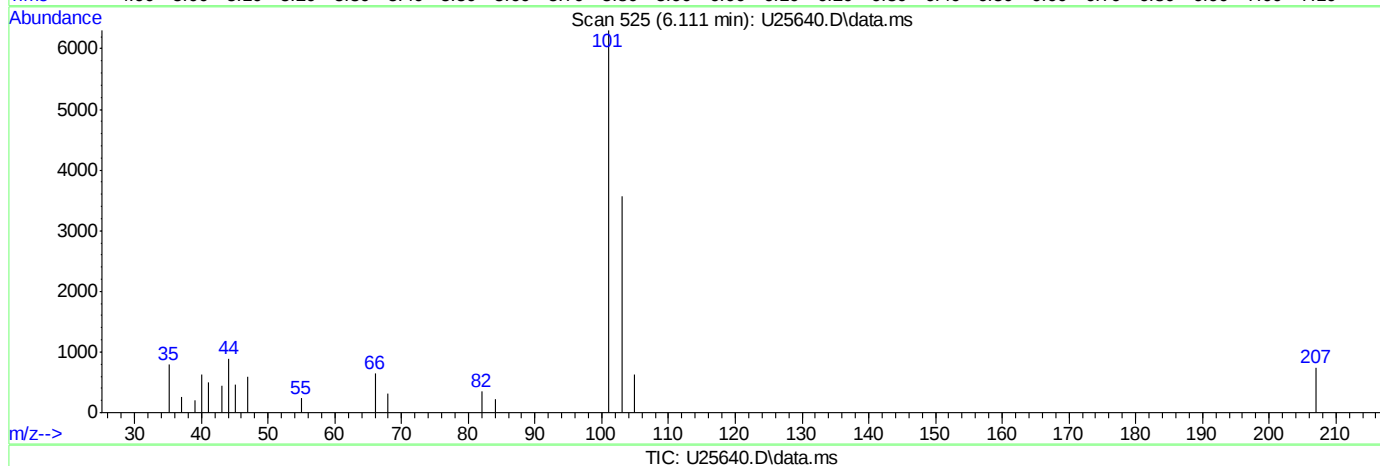
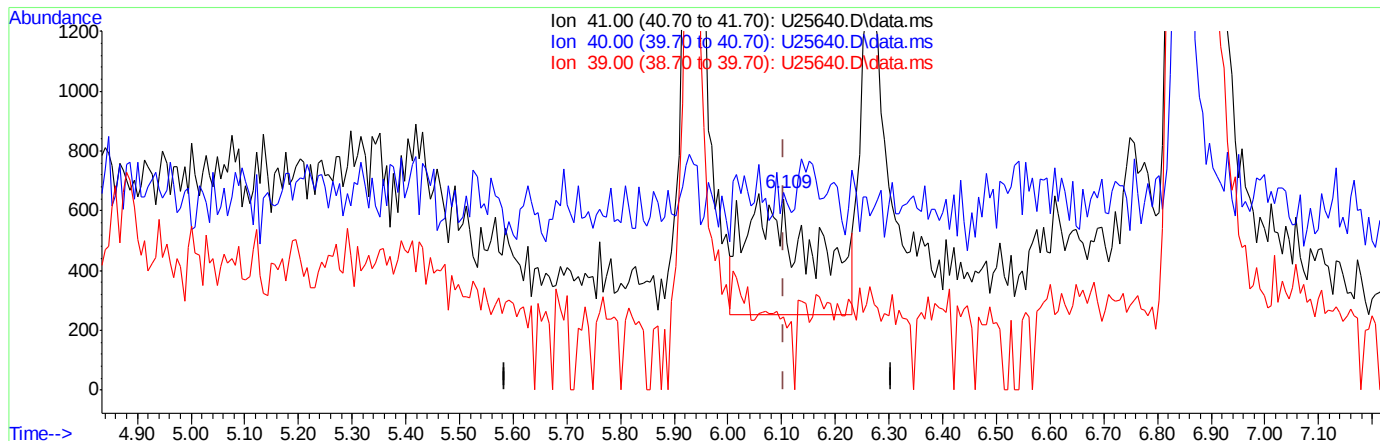
response 18810

Ion	Exp%	Act%
45.00	100	100
46.00	35.30	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25640.D
Acq On : 15 Jan 2015 7:11 pm
Operator : GaryK
Sample : ic1085-10
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 16 11:20:28 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(11) acetonitrile (P)

6.111min (+0.007) 10.72ppb m

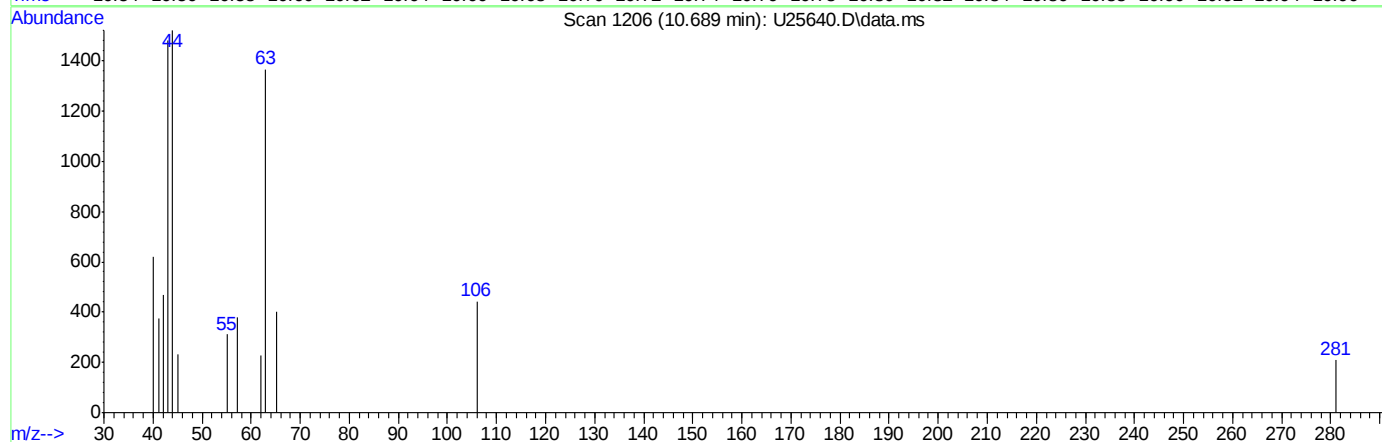
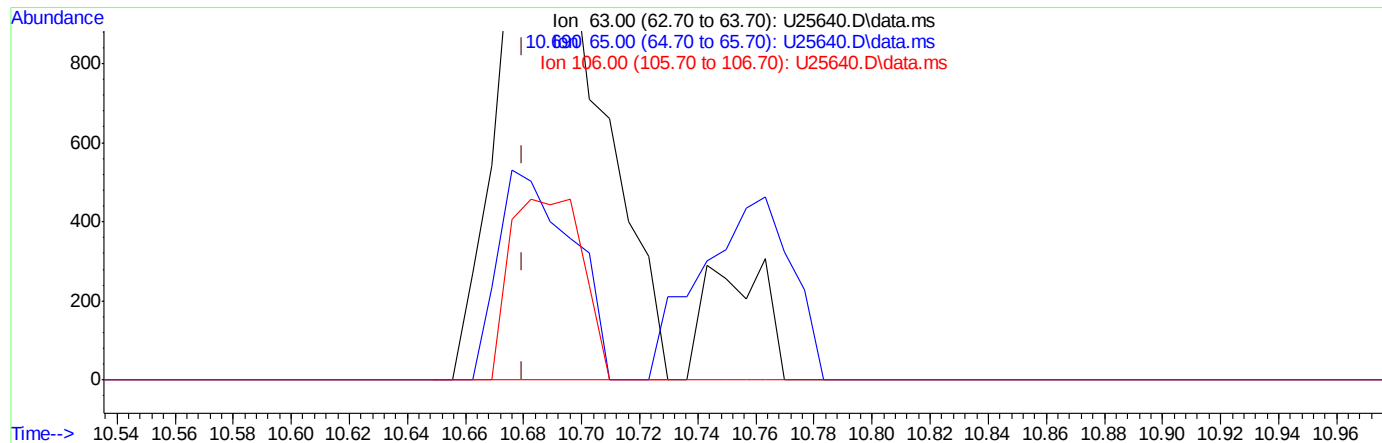
response 3444

Ion	Exp%	Act%
41.00	100	100
40.00	92.30	127.13#
39.00	24.50	42.31
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25640.D
Acq On : 15 Jan 2015 7:11 pm
Operator : GaryK
Sample : ic1085-10
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 16 11:24:25 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(56) 2-chloroethyl vinyl ether (P)

10.689min (+0.010) 10.11ppb m

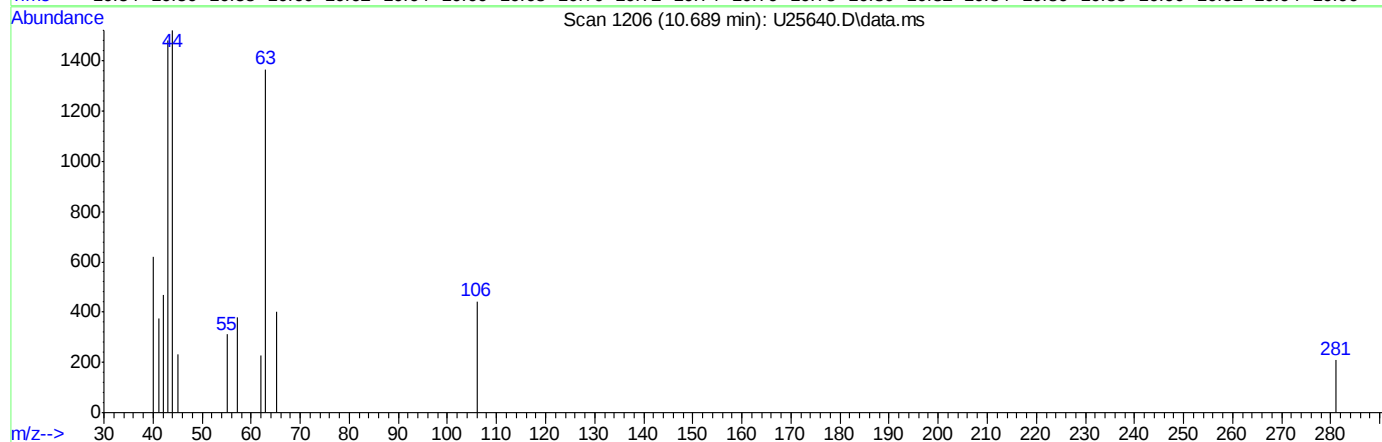
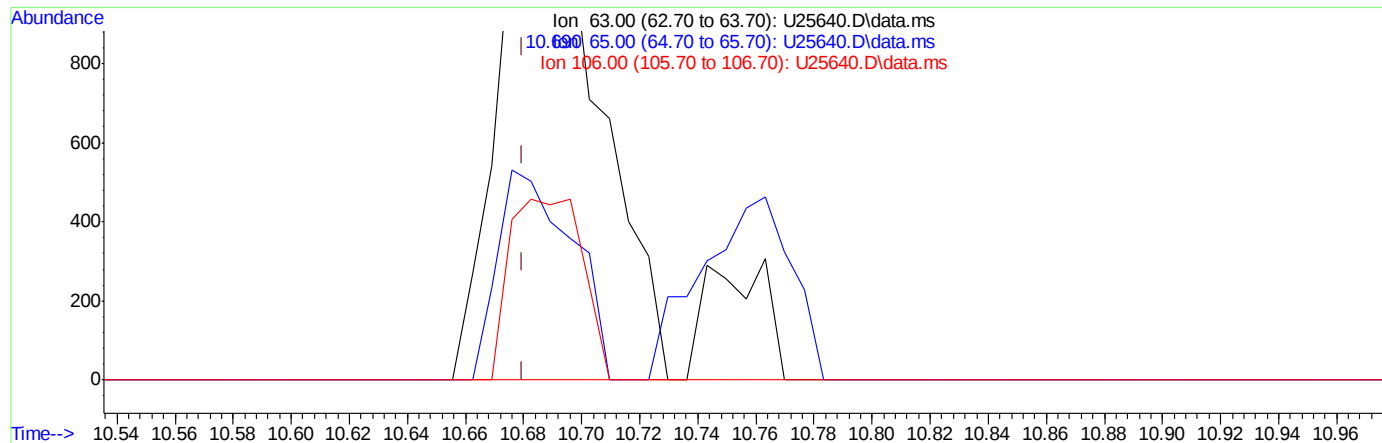
response 3171

Ion	Exp%	Act%
63.00	100	100
65.00	29.80	29.38
106.00	21.20	32.45
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25640.D
Acq On : 15 Jan 2015 7:11 pm
Operator : GaryK
Sample : ic1085-10
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 16 11:24:25 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(56) 2-chloroethyl vinyl ether (P)

10.689min (+0.010) 10.11ppb m

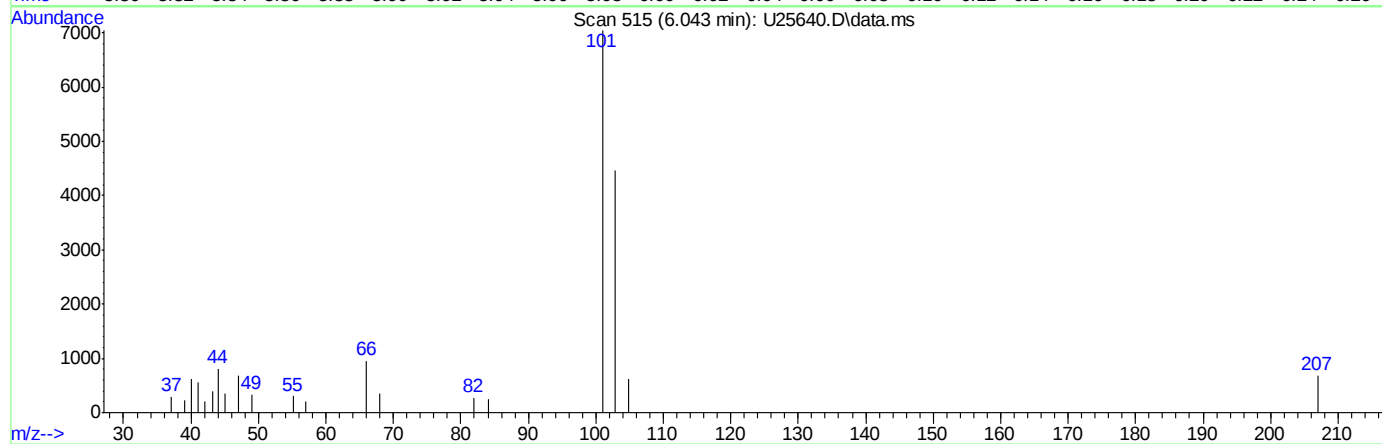
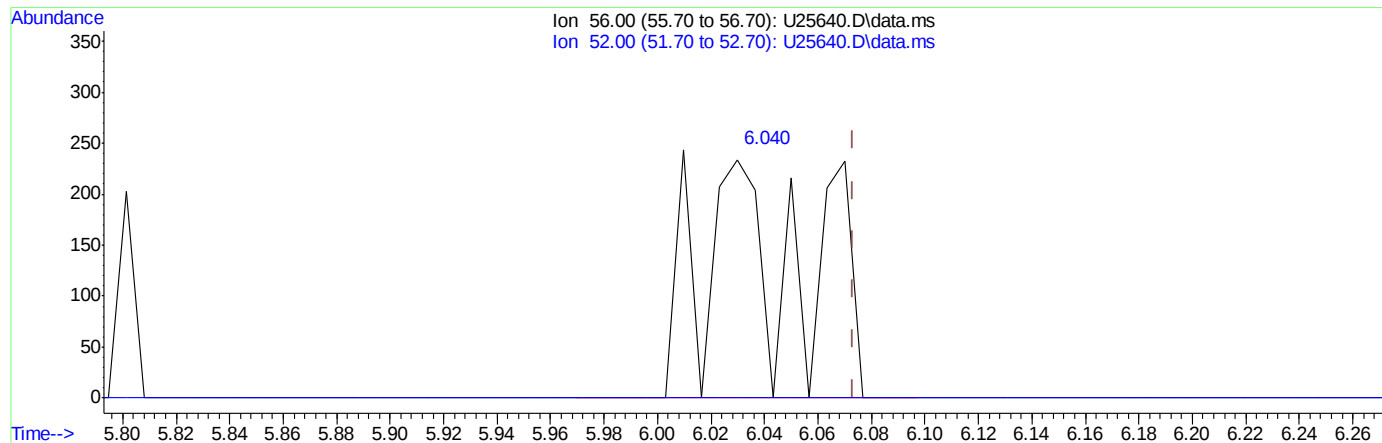
response 3171

Ion	Exp%	Act%
63.00	100	100
65.00	29.80	29.38
106.00	21.20	32.45
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25640.D
Acq On : 15 Jan 2015 7:11 pm
Operator : GaryK
Sample : ic1085-10
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 16 11:42:18 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25640.D\data.ms

(14) acrolein (P)

6.043min (-0.030) 23.71ppb m

response 622

Ion	Exp%	Act%
56.00	100	100
52.00	2.80	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150115\
 Data File : U25641.D
 Acq On : 15 Jan 2015 7:39 pm
 Operator : GaryK
 Sample : ic1085-25
 Misc : ms33699,msu1085,,,,5,1
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 16 11:43:56 2015
 Quant Method : D:\msdchem\1\methods\U150115w.m
 Quant Title : SW-846 Method 8260
 QLast Update : Fri Jan 16 08:55:23 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	6.724	65	105028	500.00	ppb	0.04
4) pentafluorobenzene	8.959	168	333096	50.00	ppb	0.00
43) 1,4-difluorobenzene	9.827	114	486411	50.00	ppb	0.00
66) chlorobenzene-d5	13.083	82	180882	50.00	ppb	# 0.00
80) 1,4-dichlorobenzene-d4	15.647	152	229211	50.00	ppb	0.00
System Monitoring Compounds						
40) dibromofluoromethane (s)	8.598	113	177407	48.74	ppb	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.48%		
60) toluene-d8 (s)	11.623	98	477423	48.83	ppb	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.66%		
82) bromofluorobenzene (s)	14.312	95	165220	48.75	ppb	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.50%		
Target Compounds						
						Qvalue
2) tertiary butyl alcohol	6.796	59	66423m	246.79	ppb	
3) Ethanol	5.761	45	36927m	2183.68	ppb	
5) dichlorodifluoromethane	4.340	85	149016	25.52	ppb	96
6) chloromethane	4.556	50	131866	25.00	ppb	96
7) vinyl chloride	4.812	62	115007	25.29	ppb	97
8) bromomethane	5.274	96	77188	25.68	ppb	94
9) chloroethane	5.404	64	41467	24.08	ppb	93
10) ethyl ether	6.278	59	52065	24.66	ppb	81
11) acetonitrile	6.111	41	7877m	22.53	ppb	
12) trichlorofluoromethane	6.096	101	171054	25.60	ppb	95
13) freon-113	6.833	101	97826	24.38	ppb	91
14) acrolein	6.064	56	4113m	144.14	ppb	
15) 1,1-dichloroethene	6.636	96	82824	25.97	ppb	# 79
16) acetone	6.178	58	4798m	11.53	ppb	
17) Methyl Acetate	6.851	43	90491	24.39	ppb	# 73
18) methylene chloride	6.776	84	81251	25.59	ppb	# 76
19) methyl tert butyl ether	7.559	73	192689	24.66	ppb	94
20) acrylonitrile	6.729	53	26996	22.79	ppb	99
21) allyl chloride	6.864	41	110870	23.67	ppb	86
22) trans-1,2-dichloroethene	7.451	96	73299	24.43	ppb	# 72
23) iodomethane	6.689	142	181595	25.33	ppb	94
24) carbon disulfide	7.075	76	284648	26.20	ppb	100
25) propionitrile	8.066	54	5817	25.94	ppb	100
26) vinyl acetate	7.815	43	82091	24.22	ppb	94
27) chloroprene	8.068	53	100457	24.58	ppb	91
28) di-isopropyl ether	8.110	45	202023	24.63	ppb	91
29) methacrylonitrile	8.235	41	44823	24.52	ppb	90
30) 2-butanone	8.166	72	10166	24.64	ppb	# 1
31) Ethyl Acetate	8.113	43	192137	24.50	ug/L	# 72
32) Hexane	8.089	41	101803	24.10	ppb	84
33) 1,1-dichloroethane	7.702	63	117009	24.52	ppb	93
34) tert-butyl ethyl ether	8.507	59	210414	24.36	ppb	87
35) isobutyl alcohol	8.517	43	38408	121.17	ppb	81
36) 2,2-dichloropropane	8.566	77	83153	23.89	ppb	83

Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150115\
 Data File : U25641.D
 Acq On : 15 Jan 2015 7:39 pm
 Operator : GaryK
 Sample : ic1085-25
 Misc : ms33699,msu1085,,,,,5,1
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 16 11:43:56 2015
 Quant Method : D:\msdchem\1\methods\U150115w.m
 Quant Title : SW-846 Method 8260
 QLast Update : Fri Jan 16 08:55:23 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) cis-1,2-dichloroethene	8.273	96	81196	24.57	ppb	# 77
38) bromochloromethane	8.439	128	50483	24.11	ppb	# 48
39) chloroform	8.477	83	128948	24.55	ppb	98
41) Tetrahydrofuran	8.855	42	24804	25.54	ppb	89
42) 1,1,1-trichloroethane	9.233	97	126071	24.38	ppb	96
44) Cyclohexane	9.518	56	120314	25.06	ppb	# 79
45) carbon tetrachloride	9.593	117	124658	25.26	ppb	98
46) 1,1-dichloropropene	9.400	75	89165	24.97	ppb	88
47) benzene	9.624	78	242814	25.33	ppb	100
48) 1,2-dichloroethane	9.137	62	106749	27.94	ppb	94
49) tert-amyl methyl ether	9.752	73	194411	25.63	ppb	95
50) heptane	10.104	43	76024m	24.61	ppb	
51) trichloroethene	10.245	95	80129	25.38	ppb	77
52) 1,2-dichloropropane	10.212	63	59646	24.88	ppb	96
53) dibromomethane	10.188	93	50453	25.52	ppb	87
54) bromodichloromethane	10.300	83	100397	25.23	ppb	98
55) Methylcyclohexane	10.765	83	110756	24.52	ppb	# 81
56) 2-chloroethyl vinyl ether	10.683	63	9460m	28.08	ppb	
57) methyl methacrylate	10.409	69	35456	24.88	ppb	81
58) 1,4-dioxane	10.575	88	5558m	795.52	ppb	
59) cis-1,3-dichloropropene	10.922	75	98685	25.41	ppb	87
61) 4-methyl-2-pentanone	11.035	43	62690	24.44	ppb	95
62) toluene	11.696	92	144596	24.43	ppb	97
63) trans-1,3-dichloropropene	11.343	75	79558	24.56	ppb	90
64) 1,1,2-trichloroethane	11.516	83	43570	24.62	ppb	95
65) ethyl methacrylate	11.729	69	61111	23.82	ppb	# 56
67) tetrachloroethene	12.438	166	75650	26.77	ppb	97
68) 1,3-dichloropropane	11.750	76	75940	25.96	ppb	94
69) dibromochloromethane	12.040	129	85423	26.40	ppb	96
70) 1,2-dibromoethane	12.293	107	61809	26.37	ppb	99
71) 2-hexanone	11.907	43	36642	27.43	ppb	91
72) chlorobenzene	13.119	112	178609	26.20	ppb	86
73) 1,1,1,2-tetrachloroethane	13.038	131	84533	26.24	ppb	99
74) ethylbenzene	13.296	91	267486	26.20	ppb	92
75) m,p-xylene	13.479	106	221820	51.82	ppb	85
76) o-xylene	13.892	106	124076	26.20	ppb	84
77) styrene	13.820	104	167872	25.46	ppb	94
78) bromoform	13.647	173	50494	25.21	ppb	99
79) trans-1,4-dichloro-2-b...	14.049	53	17426	25.89	ppb	# 55
81) isopropylbenzene	14.256	105	322687	25.00	ppb	96
83) bromobenzene	14.544	156	83708	24.50	ppb	# 75
84) 1,1,2,2-tetrachloroethane	13.898	83	72964	24.93	ppb	95
85) 1,2,3-trichloropropane	14.048	75	75221	25.35	ppb	100
86) n-propylbenzene	14.701	91	335339	25.06	ppb	89
87) 2-chlorotoluene	14.818	91	212046	25.32	ppb	81
88) 4-chlorotoluene	14.896	91	196306	24.89	ppb	80
89) 1,3,5-trimethylbenzene	14.978	105	288644	24.51	ppb	91
90) tert-butylbenzene	15.282	91	168788	24.41	ppb	86
91) 1,2,4-trimethylbenzene	15.386	105	298016	24.56	ppb	96
92) sec-butylbenzene	15.506	105	379449	24.30	ppb	93

Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25641.D
Acq On : 15 Jan 2015 7:39 pm
Operator : GaryK
Sample : ic1085-25
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 16 11:43:56 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration

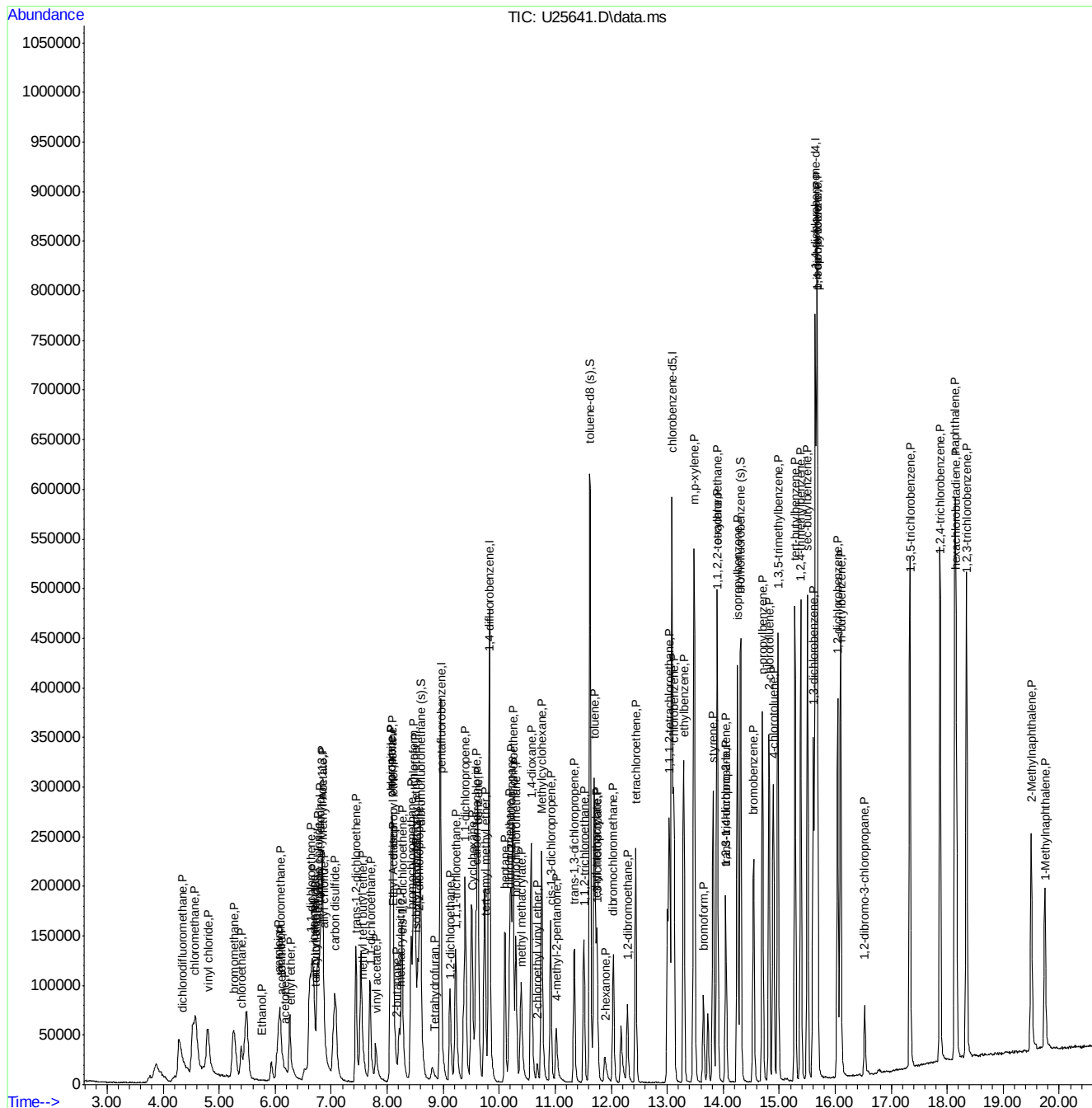
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93)	1,3-dichlorobenzene	15.608	146	169227	25.06	ppb	98
94)	p-isopropyltoluene	15.679	119	346533	24.34	ppb	94
95)	1,4-dichlorobenzene	15.675	146	177801	25.42	ppb	100
96)	1,2-dichlorobenzene	16.044	146	190273	25.03	ppb	97
97)	n-butylbenzene	16.101	91	285345	24.58	ppb	85
98)	1,2-dibromo-3-chloropr...	16.527	75	19108	23.94	ppb #	67
99)	1,3,5-trichlorobenzene	17.336	180	182646	25.51	ug/L	94
100)	1,2,4-trichlorobenzene	17.875	180	183443	25.74	ppb	94
101)	hexachlorobutadiene	18.162	225	69955	24.31	ppb	94
102)	naphthalene	18.140	128	495327	24.86	ppb	100
103)	2-Methylnaphthalene	19.506	142	149286	12.34	ug/L	96
104)	1-Methylnaphthalene	19.751	142	114954	12.47	ug/L	96
105)	1,2,3-trichlorobenzene	18.346	180	180057	25.89	ppb	93

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

Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25641.D
Acq On : 15 Jan 2015 7:39 pm
Operator : GaryK
Sample : ic1085-25
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 24 Sample Multiplier: 1

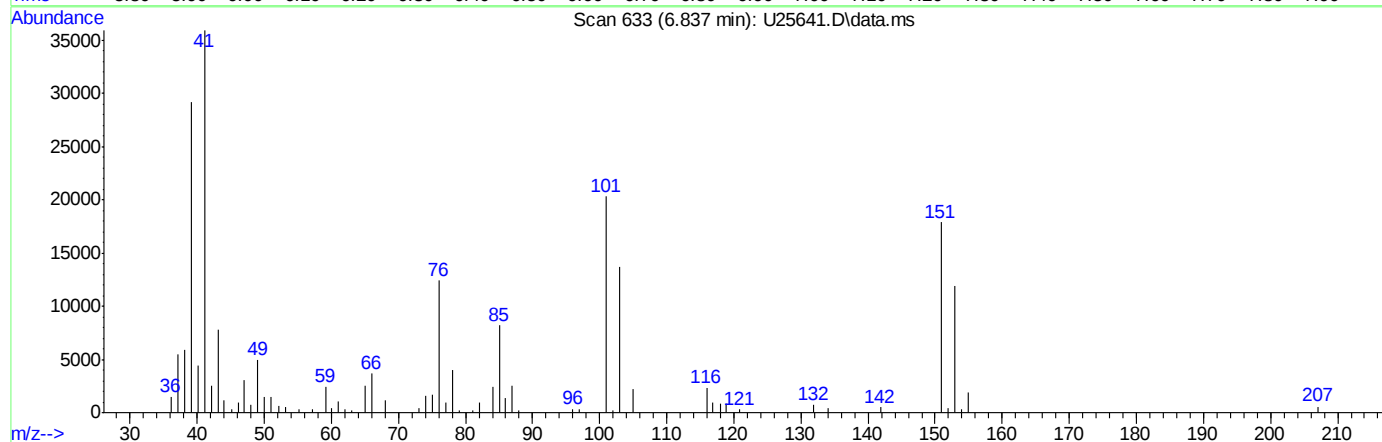
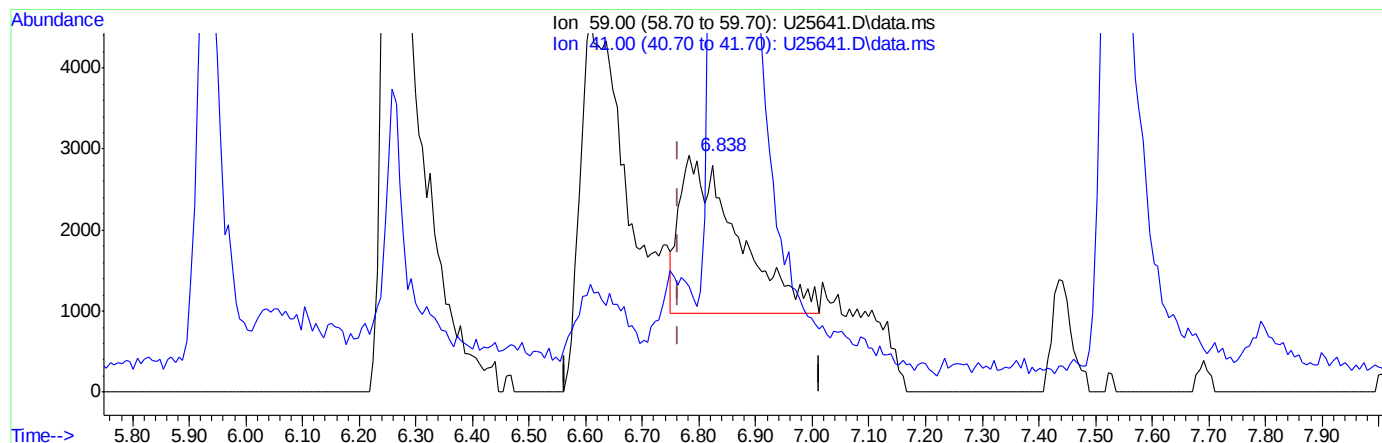
Quant Time: Jan 16 11:43:56 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25641.D
Acq On : 15 Jan 2015 7:39 pm
Operator : GaryK
Sample : ic1085-25
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 16 09:17:17 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(2) tertiary butyl alcohol (P)

6.838min (+0.075) 51.79ppb

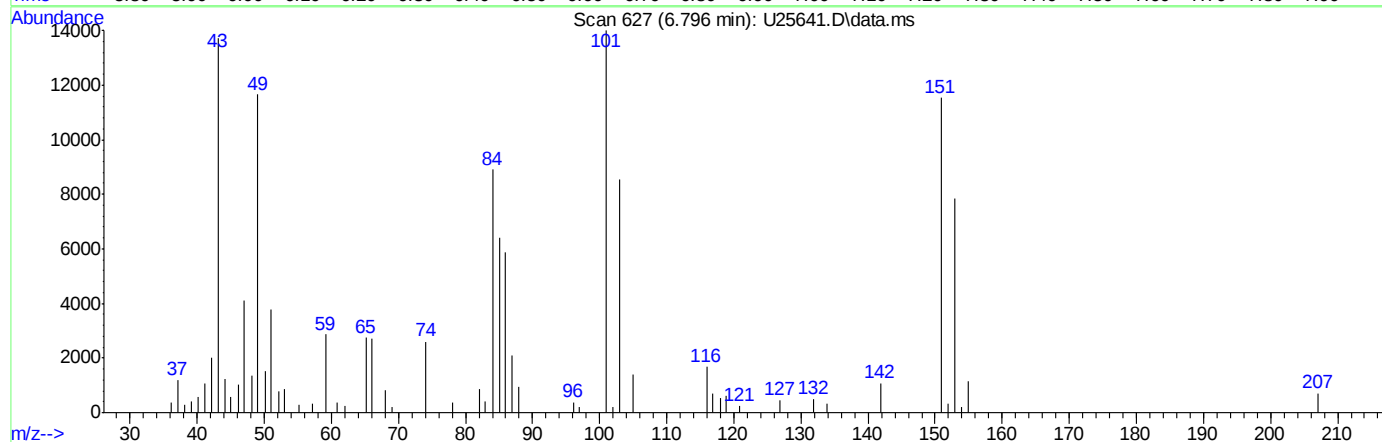
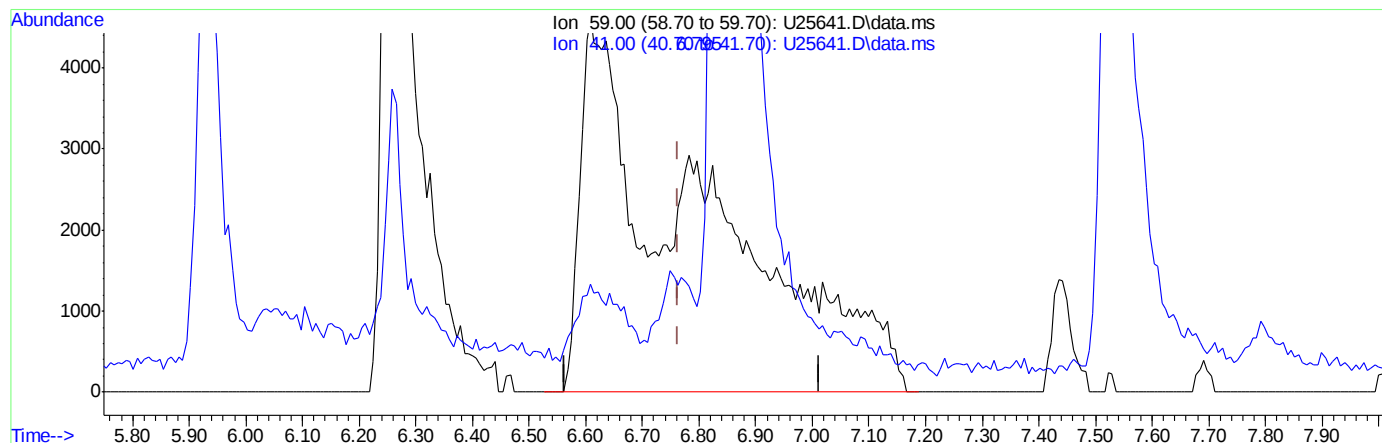
response 13938

Ion	Exp%	Act%
59.00	100	100
41.00	23.90	2469.24#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25641.D
Acq On : 15 Jan 2015 7:39 pm
Operator : GaryK
Sample : ic1085-25
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 16 09:17:17 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(2) tertiary butyl alcohol (P)

6.796min (+0.034) 246.79ppb m

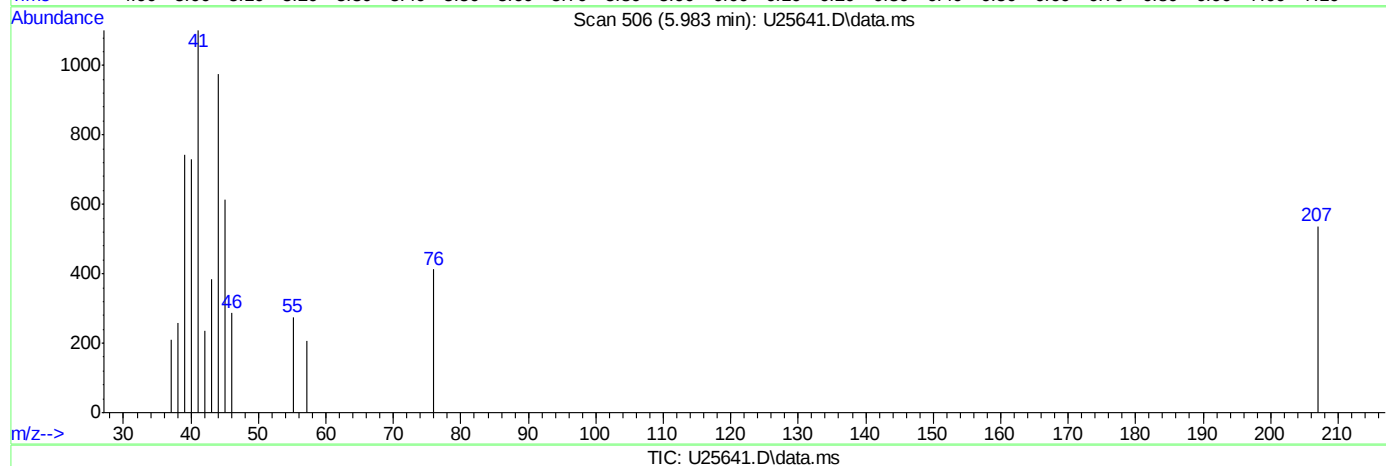
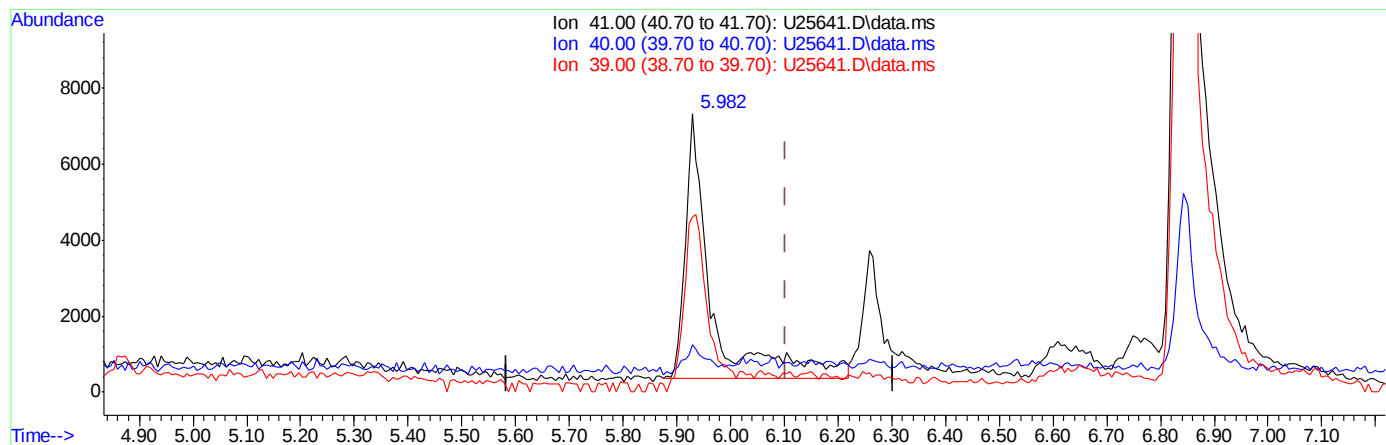
response 66423

Ion	Exp%	Act%
59.00	100	100
41.00	23.90	36.95
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25641.D
Acq On : 15 Jan 2015 7:39 pm
Operator : GaryK
Sample : ic1085-25
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 16 09:17:17 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(11) acetonitrile (P)

5.982min (-0.122) 67.98ppb

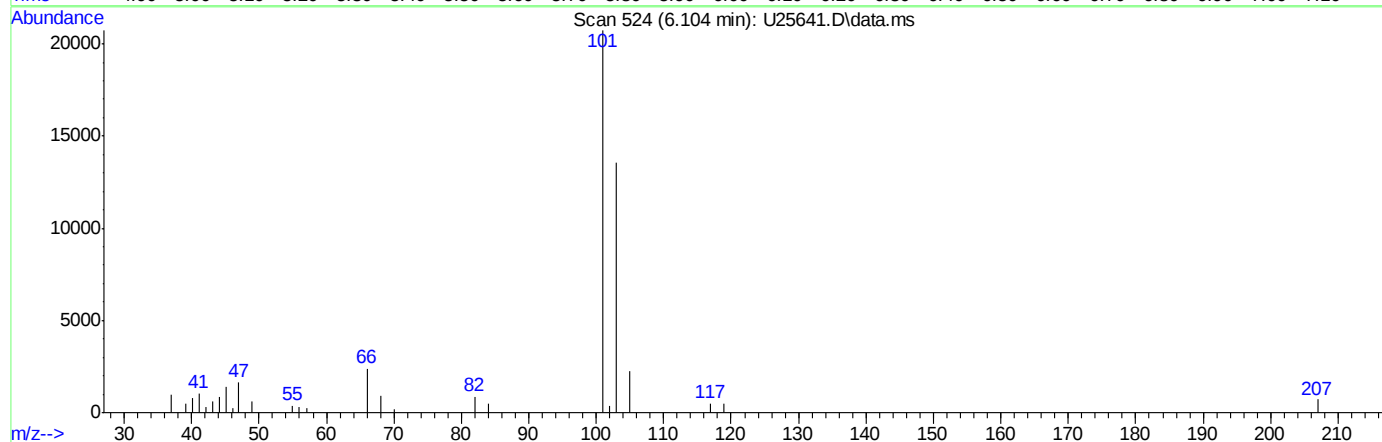
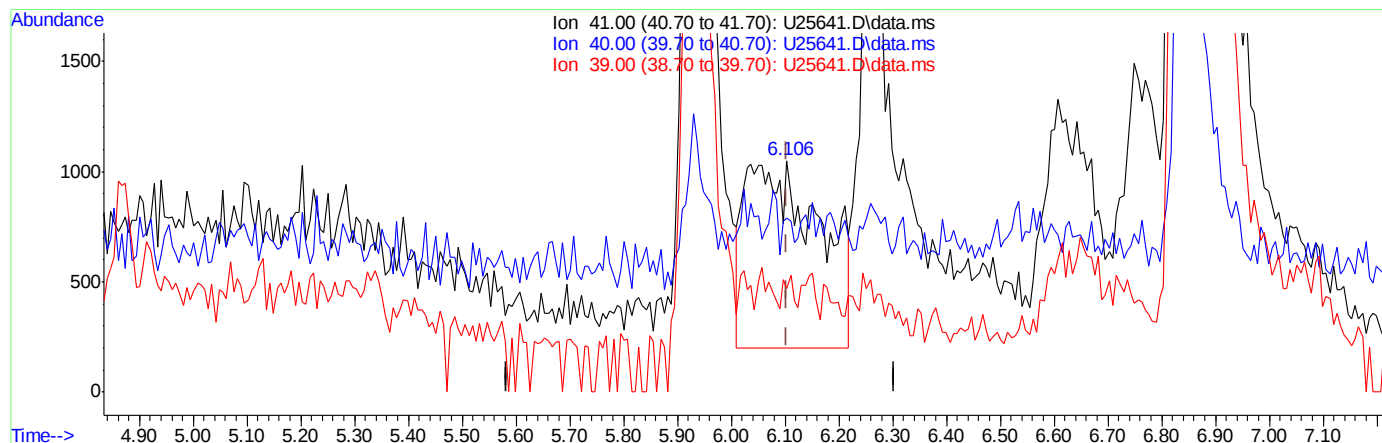
response 23771

Ion	Exp%	Act%
41.00	100	100
40.00	92.30	36.03#
39.00	24.50	72.74#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25641.D
Acq On : 15 Jan 2015 7:39 pm
Operator : GaryK
Sample : ic1085-25
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 16 09:17:17 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25641.D\data.ms

(11) acetonitrile (P)

6.104min (-0.000) 23.18ppb m

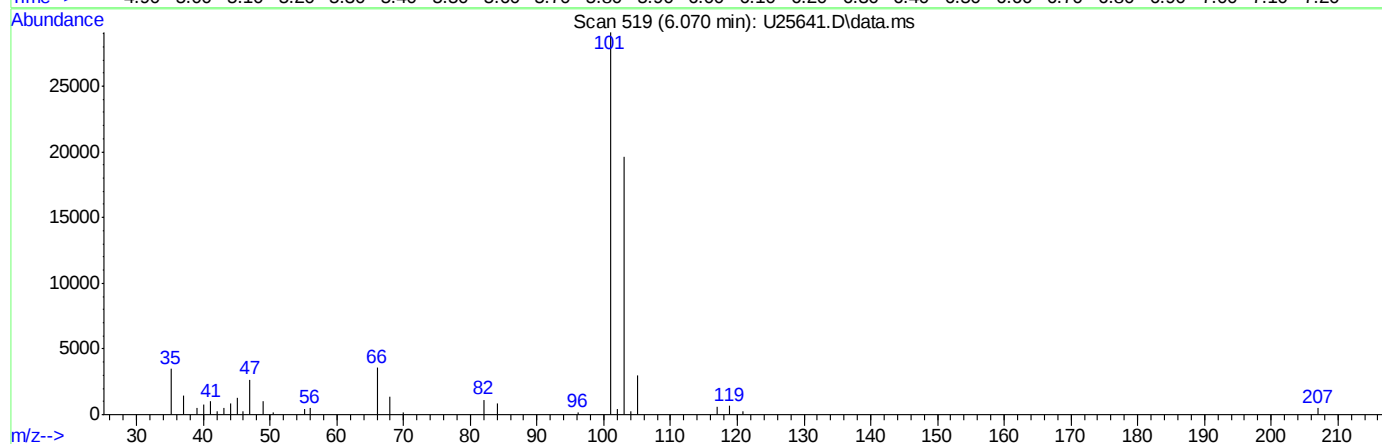
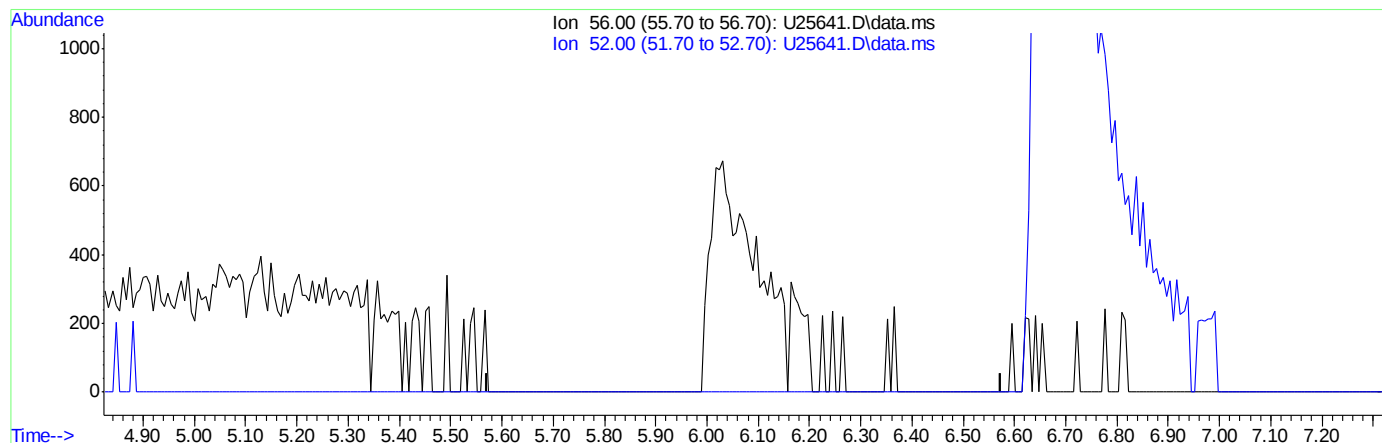
response 8106

Ion	Exp%	Act%
41.00	100	100
40.00	92.30	75.24
39.00	24.50	44.86
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25641.D
Acq On : 15 Jan 2015 7:39 pm
Operator : GaryK
Sample : ic1085-25
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 16 09:17:17 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(14) acrolein (P)

6.073min (-6.073) 0.00ppb

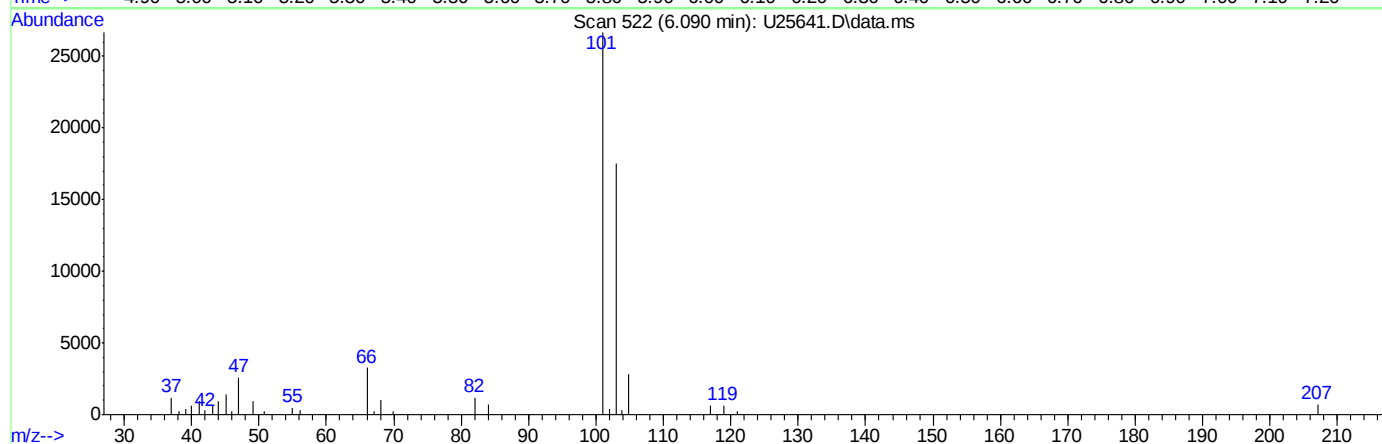
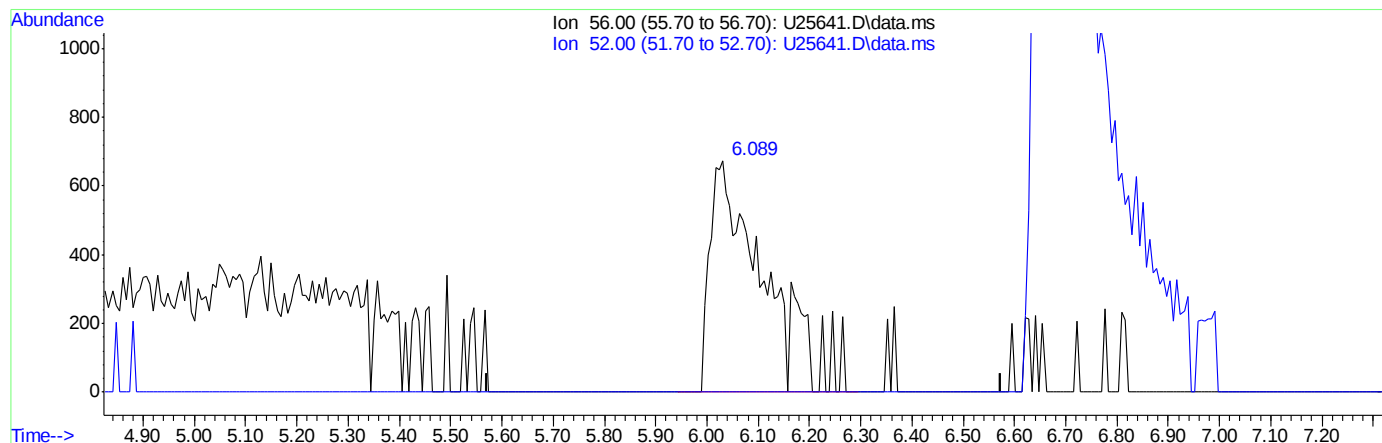
response 0

Ion	Exp%	Act%
56.00	100	0.00
52.00	2.80	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25641.D
Acq On : 15 Jan 2015 7:39 pm
Operator : GaryK
Sample : ic1085-25
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 16 09:17:17 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25641.D\data.ms

(14) acrolein (P)

6.090min (+0.017) 175.47ppb m

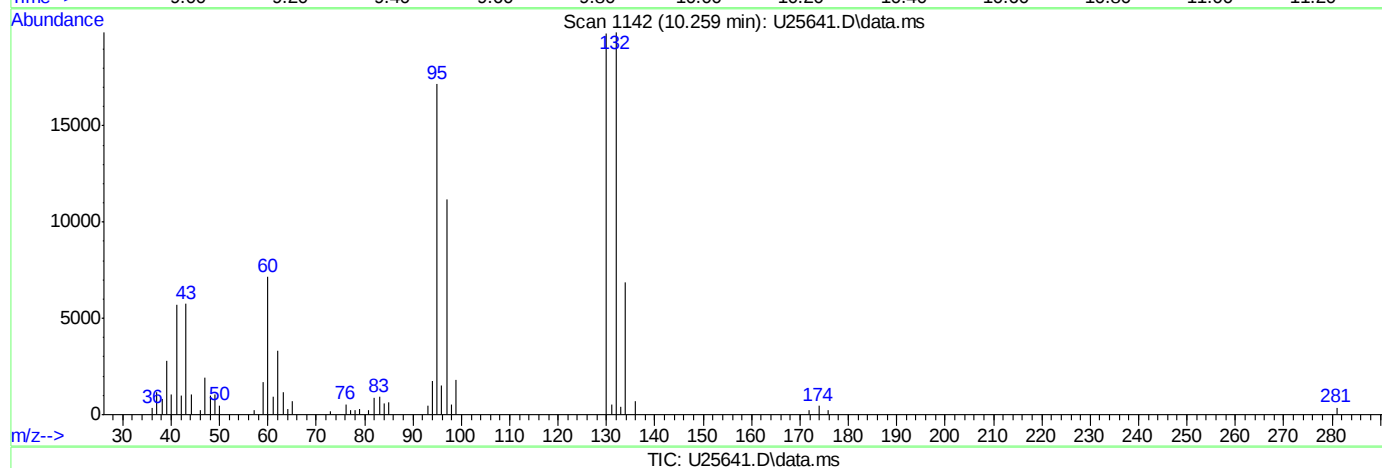
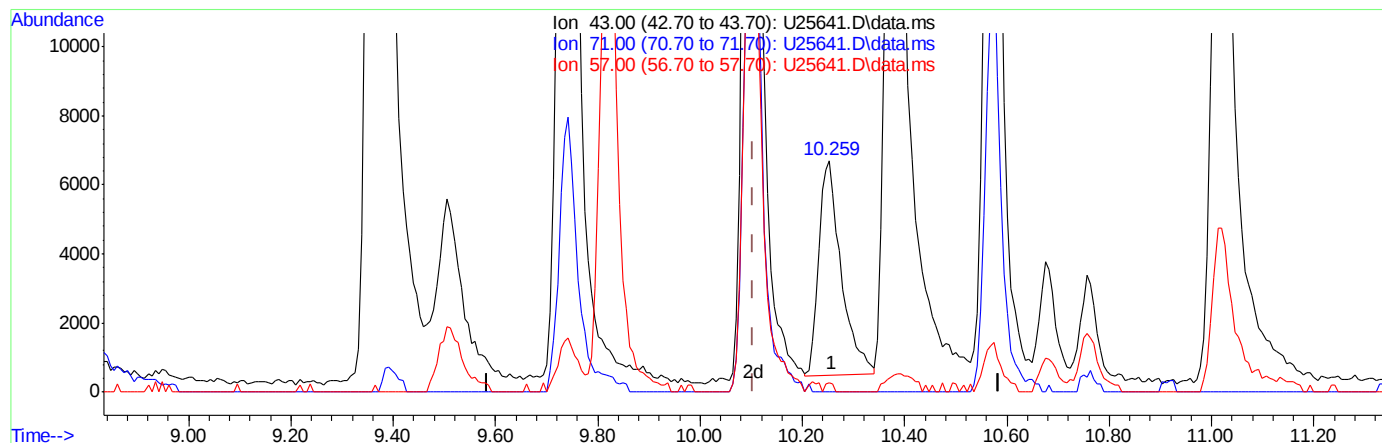
response 5007

Ion	Exp%	Act%
56.00	100	100
52.00	2.80	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25641.D
Acq On : 15 Jan 2015 7:39 pm
Operator : GaryK
Sample : ic1085-25
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 16 09:17:17 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(50) heptane (P)

10.259min (+0.154) 6.19ppb

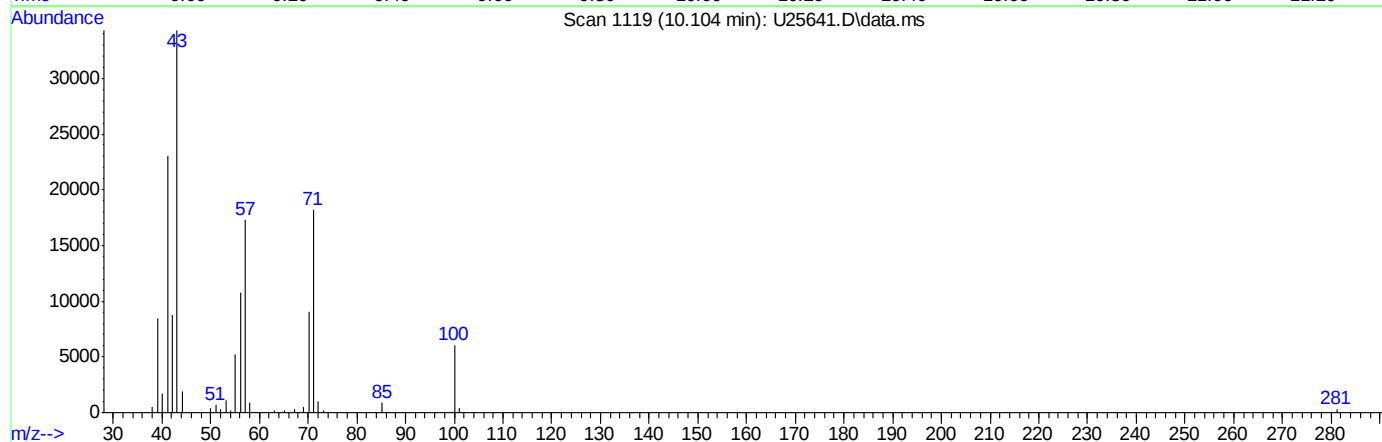
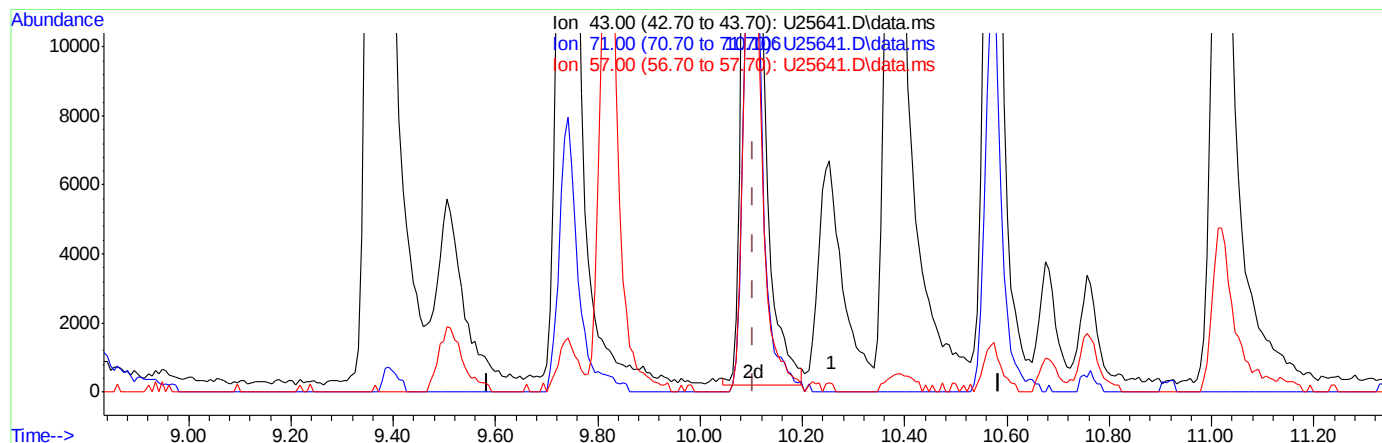
response 19117

Ion	Exp%	Act%
43.00	100	100
71.00	26.10	0.00
57.00	5.80	4.46
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25641.D
Acq On : 15 Jan 2015 7:39 pm
Operator : GaryK
Sample : ic1085-25
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 16 09:17:17 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25641.D\data.ms

(50) heptane (P)

10.104min (-0.000) 24.61ppb m

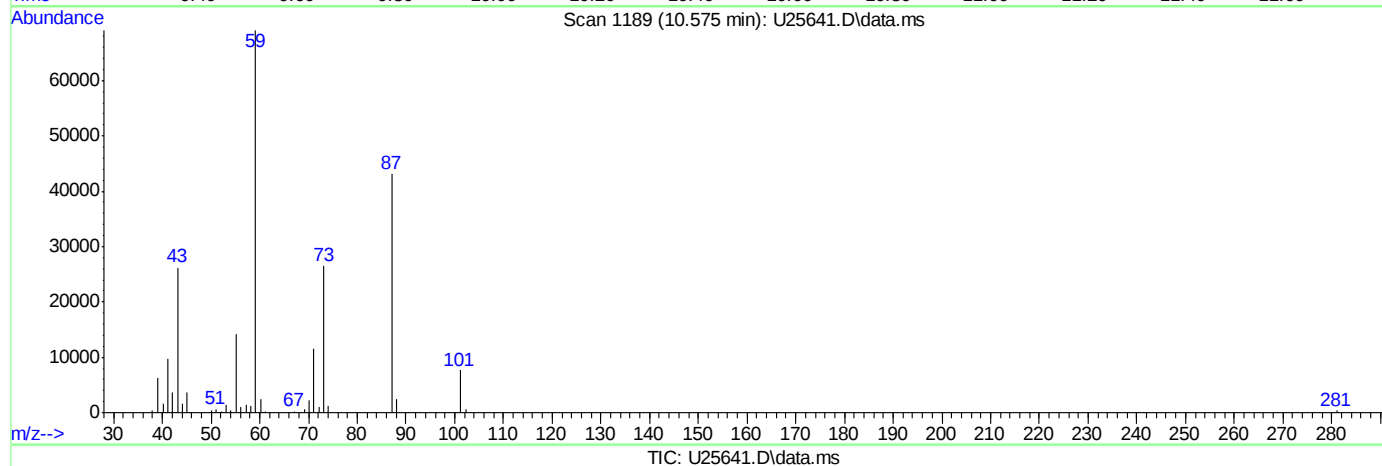
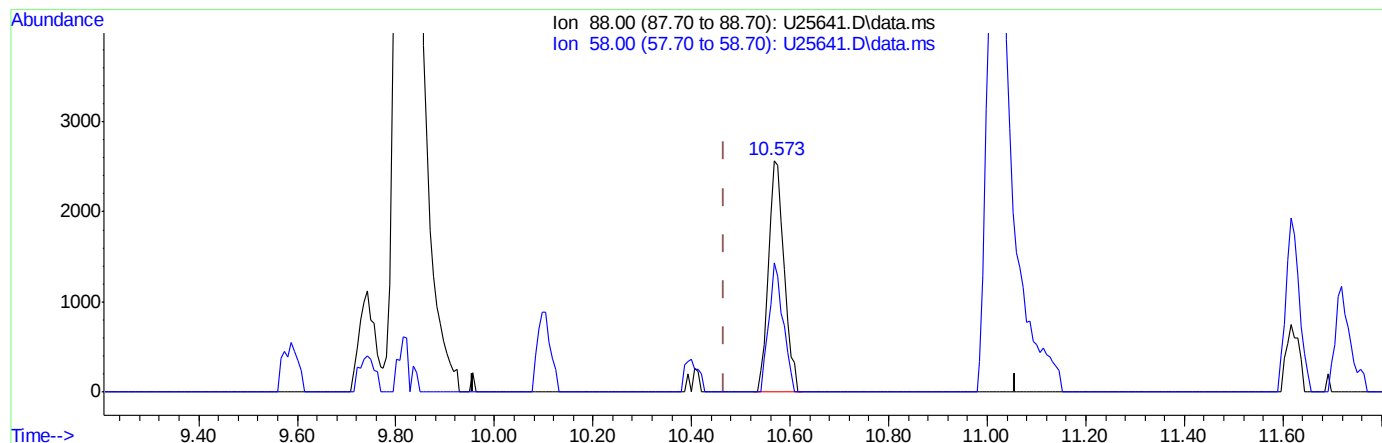
response 76024

Ion	Exp%	Act%
43.00	100	100
71.00	26.10	52.99
57.00	5.80	50.33#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25641.D
Acq On : 15 Jan 2015 7:39 pm
Operator : GaryK
Sample : ic1085-25
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 16 09:17:17 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(58) 1,4-dioxane (P)

10.573min (+0.106) 795.66ppb

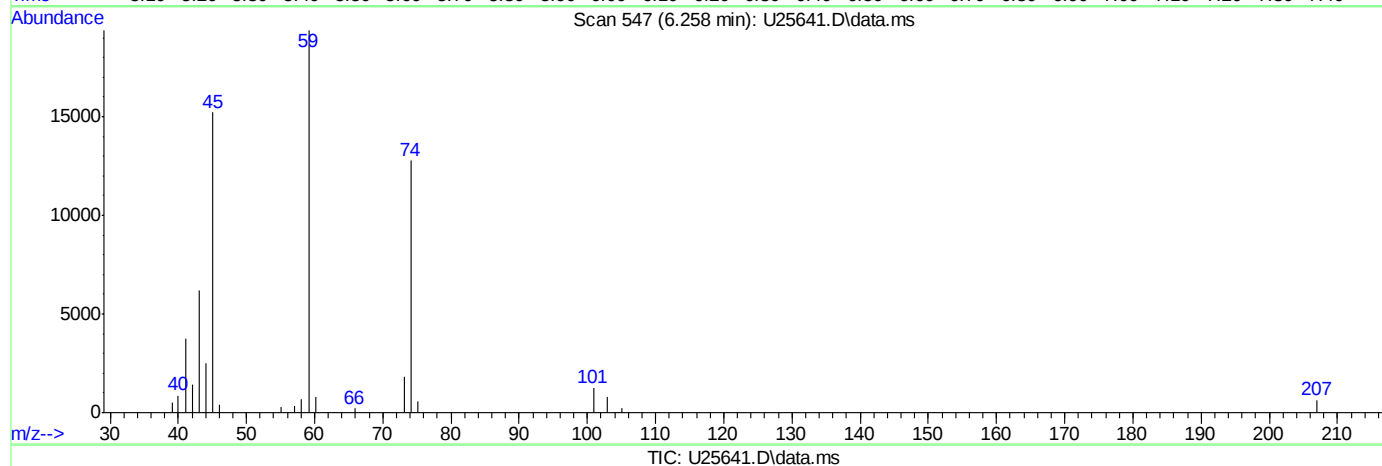
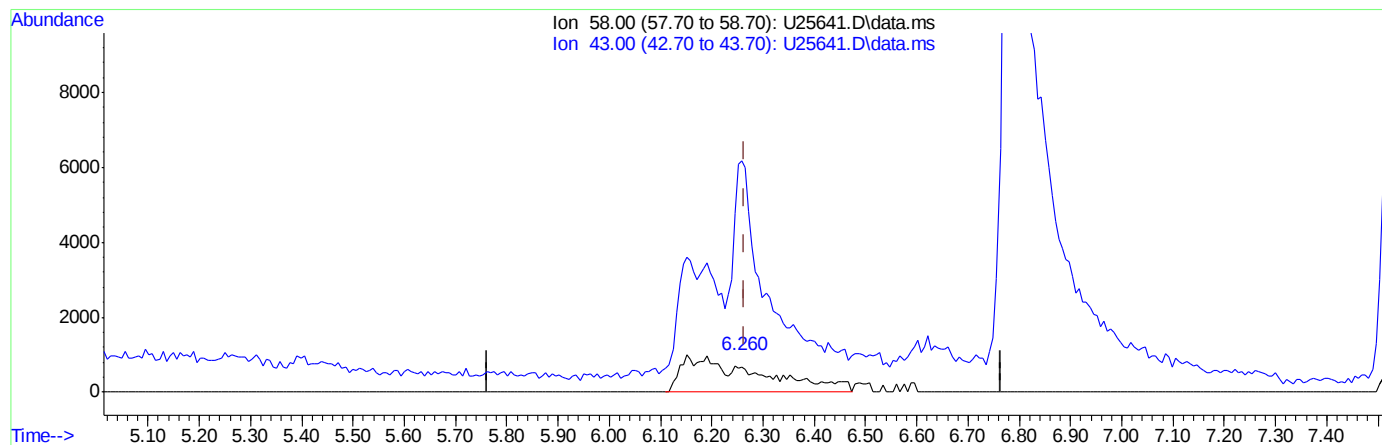
response 5559

Ion	Exp%	Act%
88.00	100	100
58.00	109.20	50.97#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25641.D
Acq On : 15 Jan 2015 7:39 pm
Operator : GaryK
Sample : ic1085-25
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 16 09:18:31 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(16) acetone (P)

6.260min (-0.003) 24.69ppb

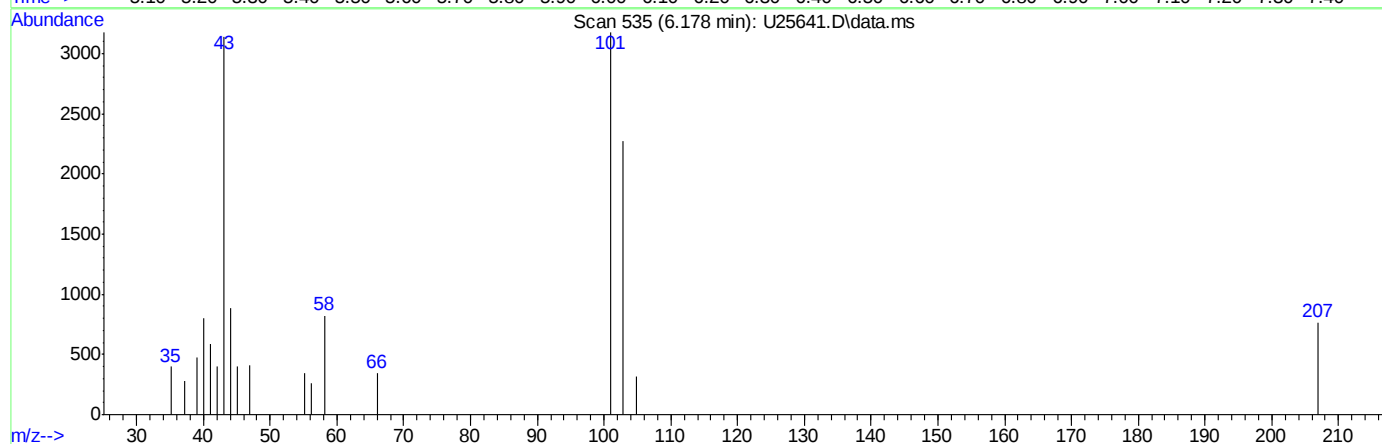
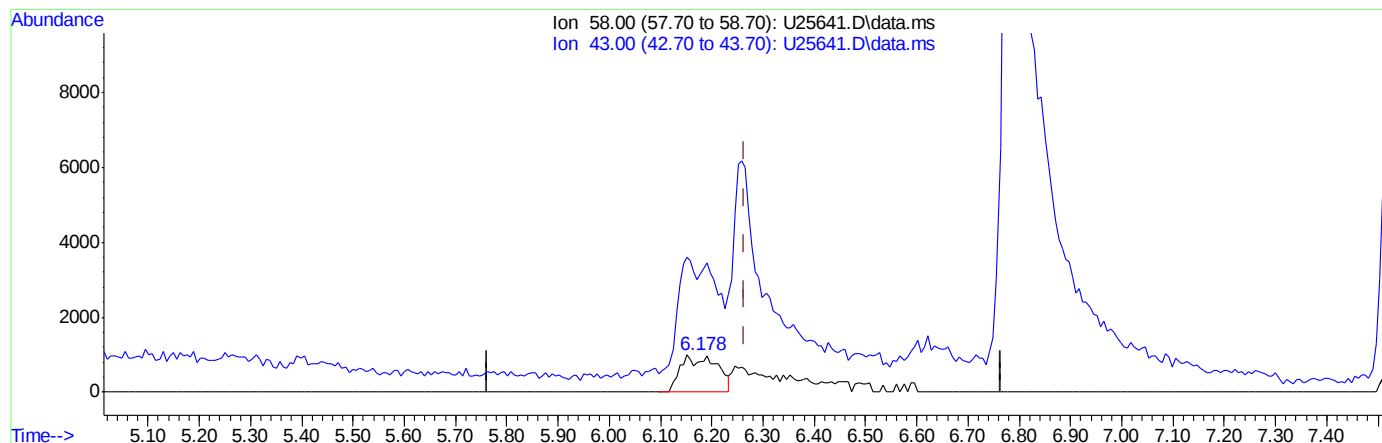
response 10277

Ion	Exp%	Act%
58.00	100	100
43.00	308.80	825.19#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25641.D
Acq On : 15 Jan 2015 7:39 pm
Operator : GaryK
Sample : ic1085-25
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 16 09:18:31 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25641.D\data.ms

(16) acetone (P)

6.178min (-0.086) 11.53ppb m

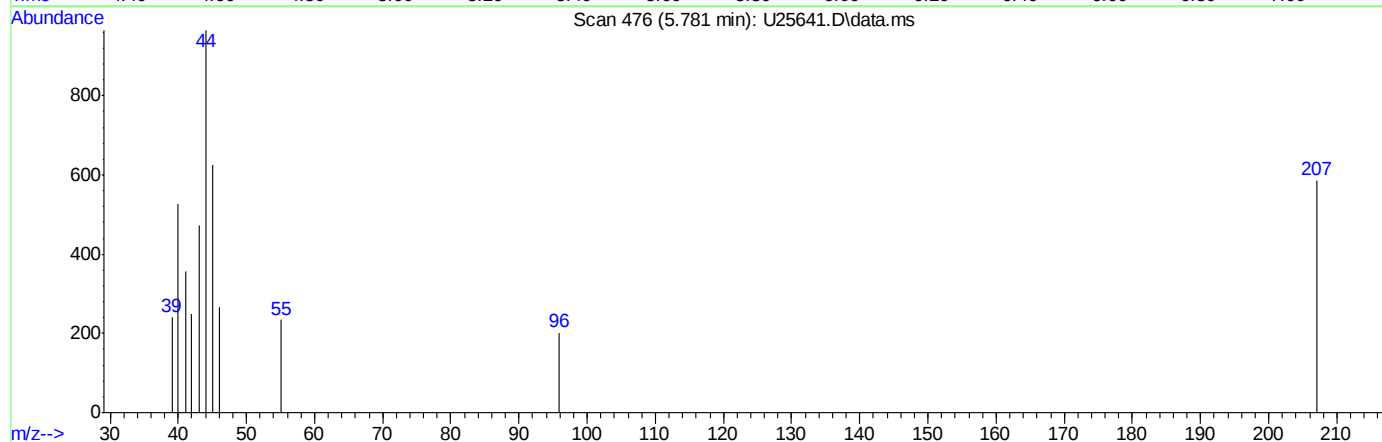
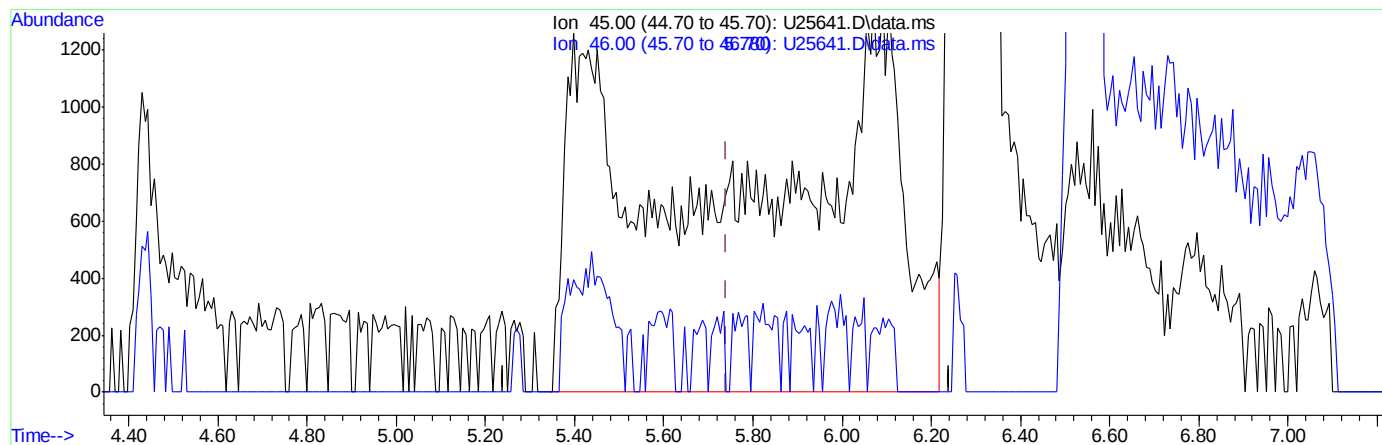
response 4798

Ion	Exp%	Act%
58.00	100	100
43.00	308.80	382.58#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25641.D
Acq On : 15 Jan 2015 7:39 pm
Operator : GaryK
Sample : ic1085-25
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 16 09:34:45 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25641.D\data.ms

(3) Ethanol (P)

5.780min (+0.039) 2269.84ppb

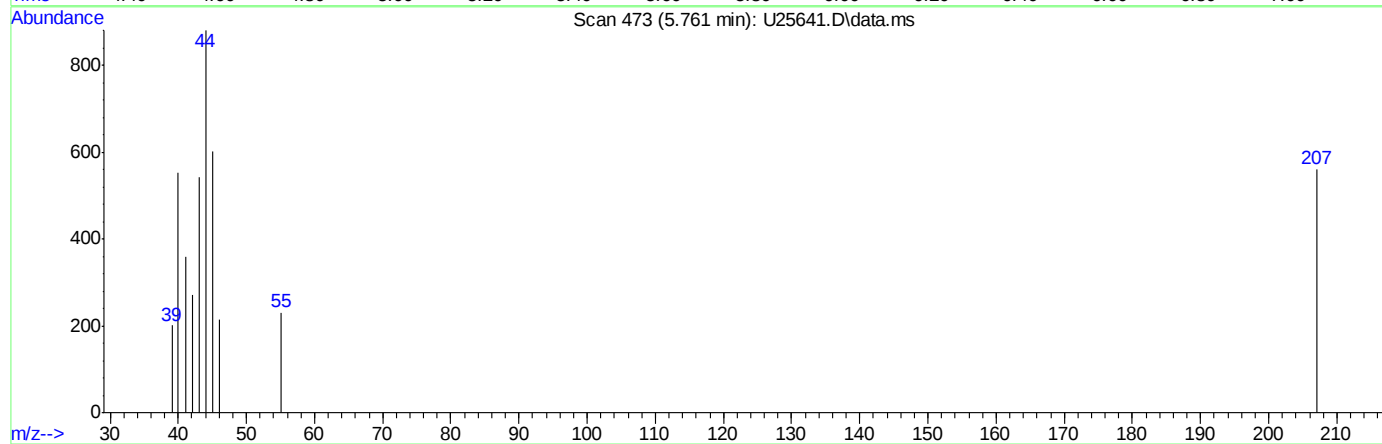
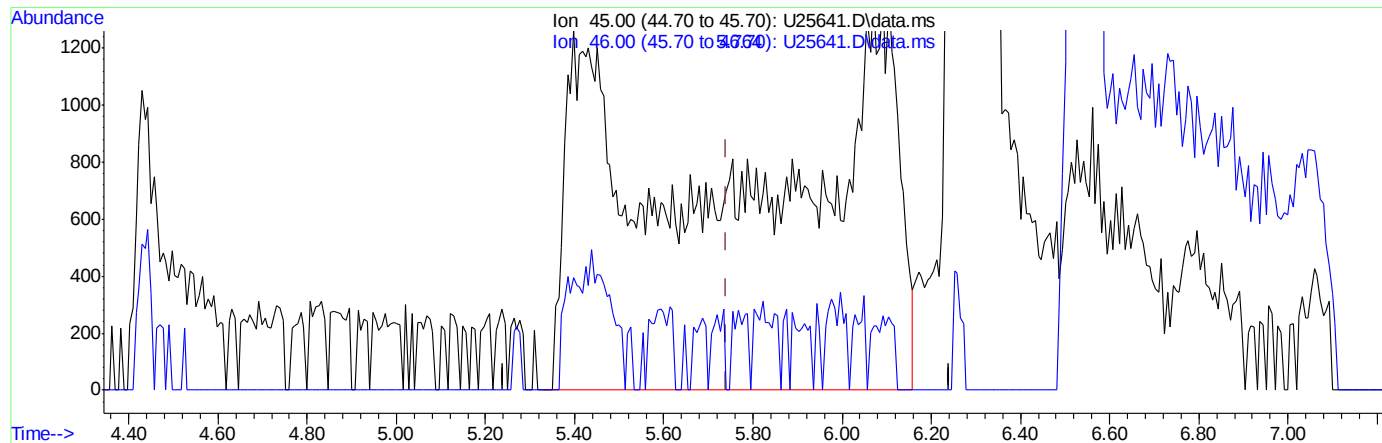
response 38384

Ion	Exp%	Act%
45.00	100	100
46.00	35.30	42.56
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25641.D
Acq On : 15 Jan 2015 7:39 pm
Operator : GaryK
Sample : ic1085-25
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 16 09:34:45 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25641.D\data.ms

(3) Ethanol (P)

5.761min (+0.020) 2183.68ppb m

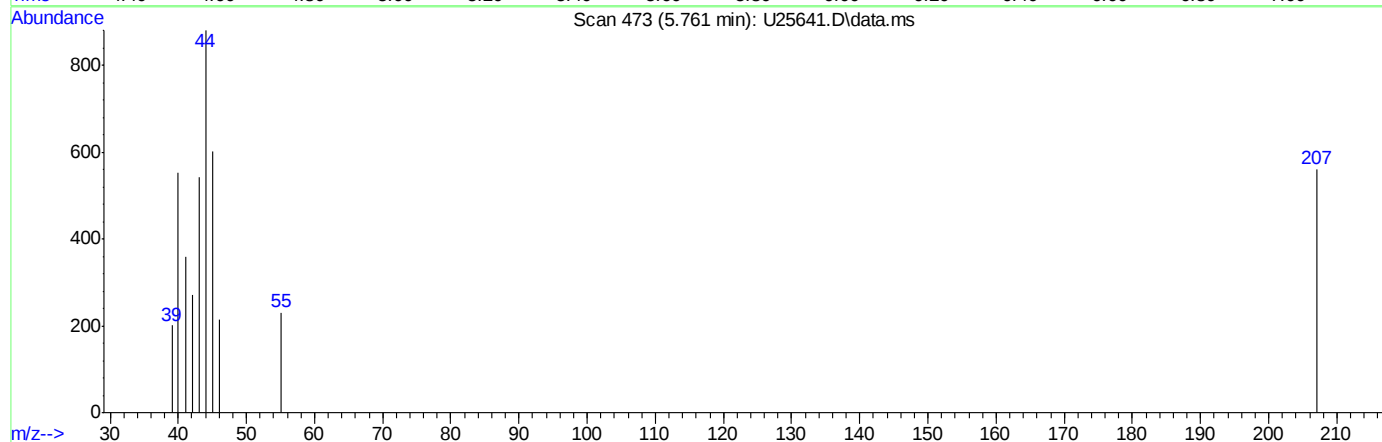
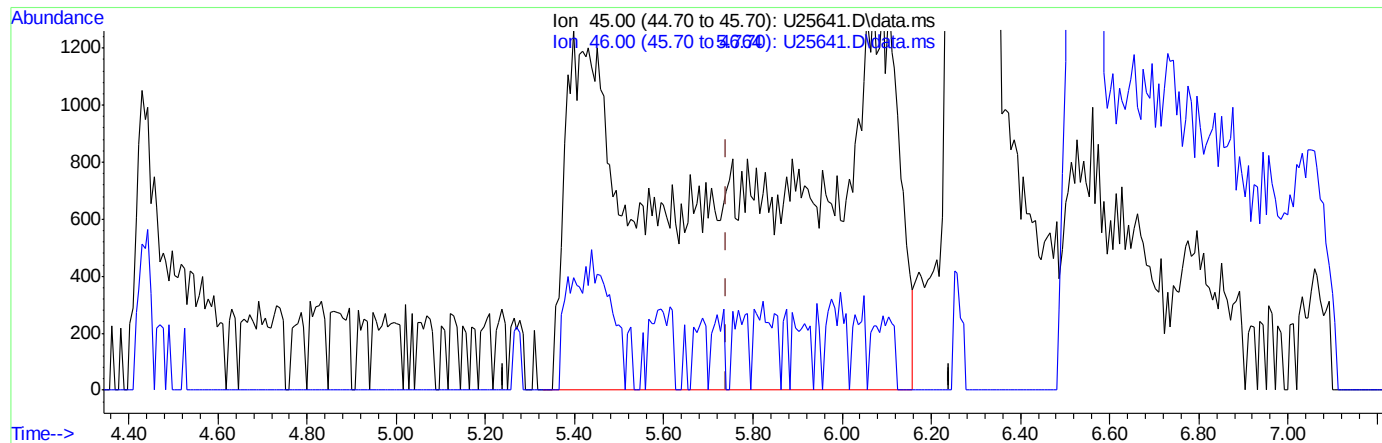
response 36927

Ion	Exp%	Act%
45.00	100	100
46.00	35.30	35.71
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25641.D
Acq On : 15 Jan 2015 7:39 pm
Operator : GaryK
Sample : ic1085-25
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 16 09:34:45 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25641.D\data.ms

(3) Ethanol (P)

5.761min (+0.020) 2183.68ppb m

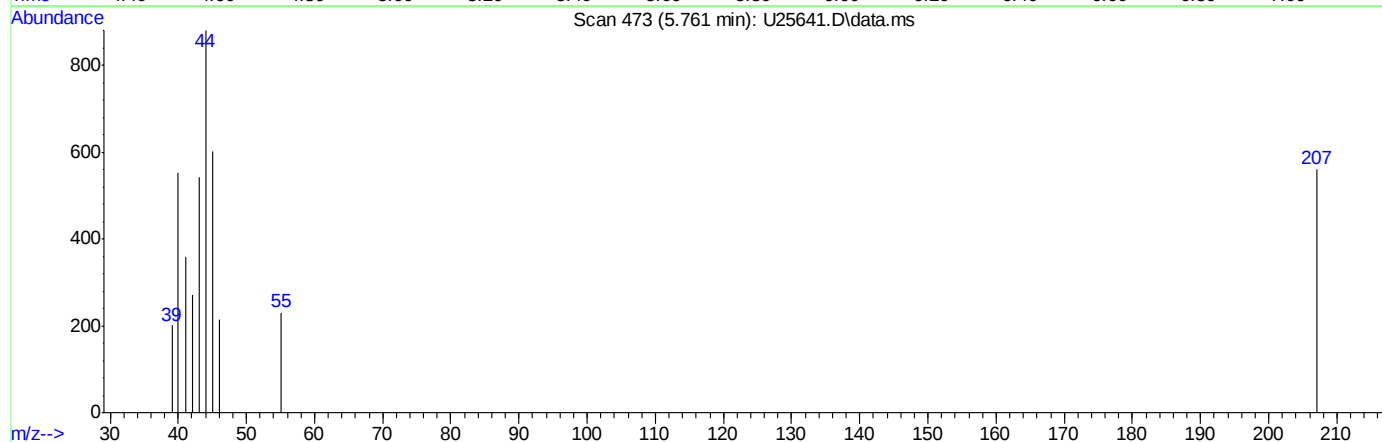
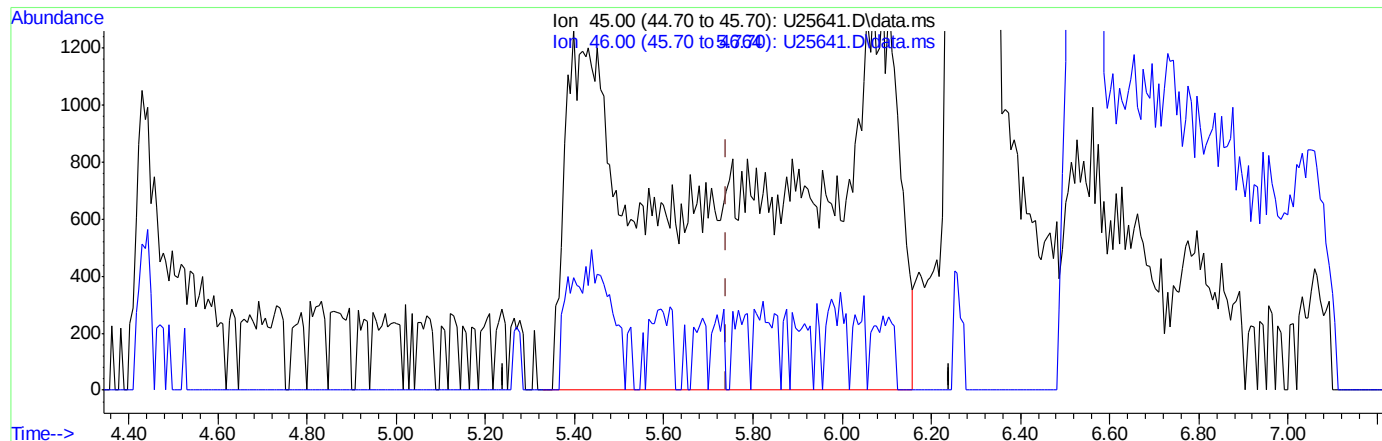
response 36927

Ion	Exp%	Act%
45.00	100	100
46.00	35.30	35.71
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25641.D
Acq On : 15 Jan 2015 7:39 pm
Operator : GaryK
Sample : ic1085-25
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 16 09:34:45 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25641.D\data.ms

(3) Ethanol (P)

5.761min (+0.020) 2183.68ppb m

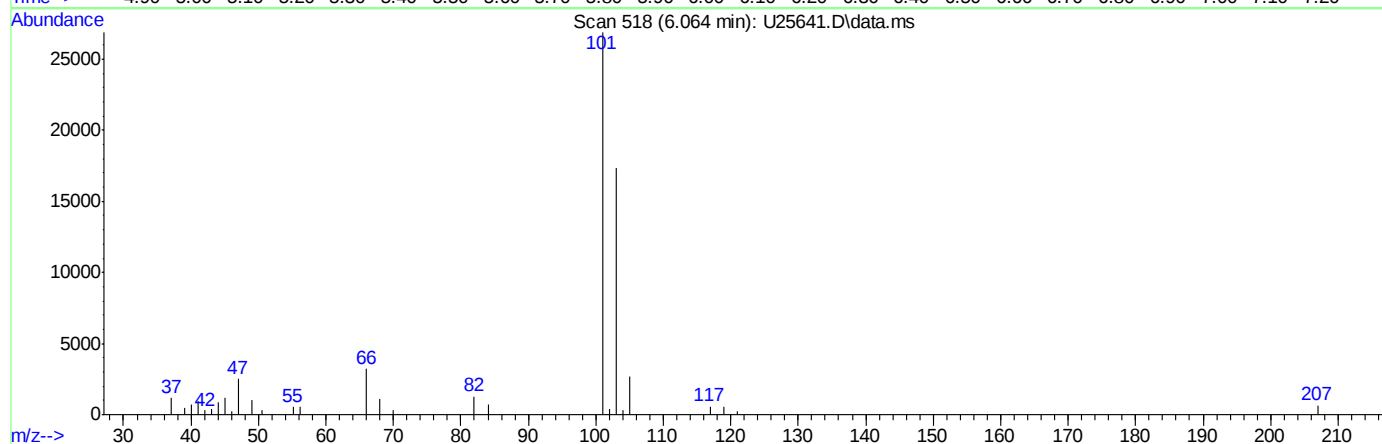
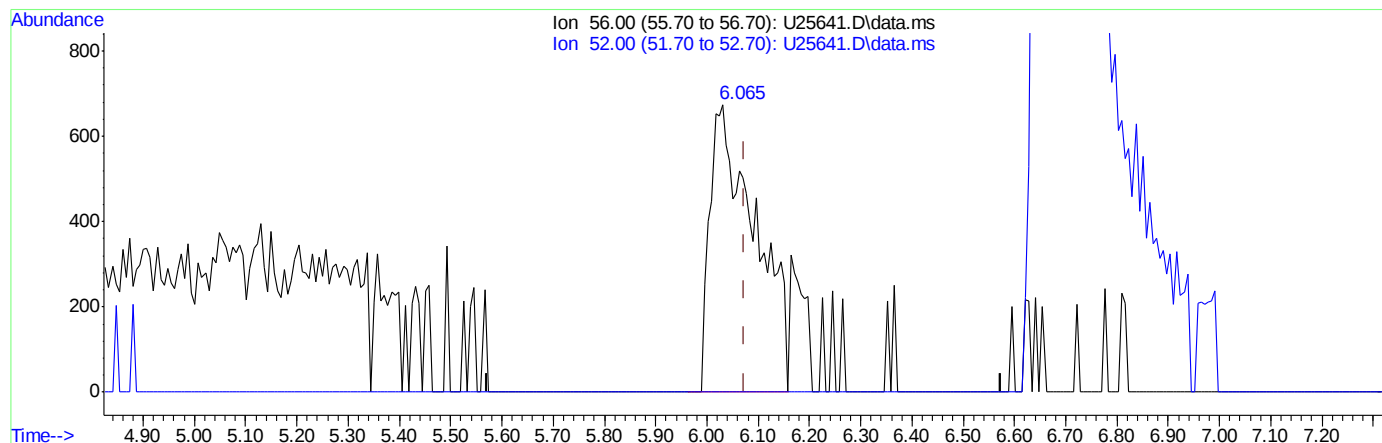
response 36927

Ion	Exp%	Act%
45.00	100	100
46.00	35.30	35.71
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25641.D
Acq On : 15 Jan 2015 7:39 pm
Operator : GaryK
Sample : ic1085-25
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 16 11:24:54 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25641.D\data.ms

(14) acrolein (P)

6.064min (-0.010) 144.14ppb m

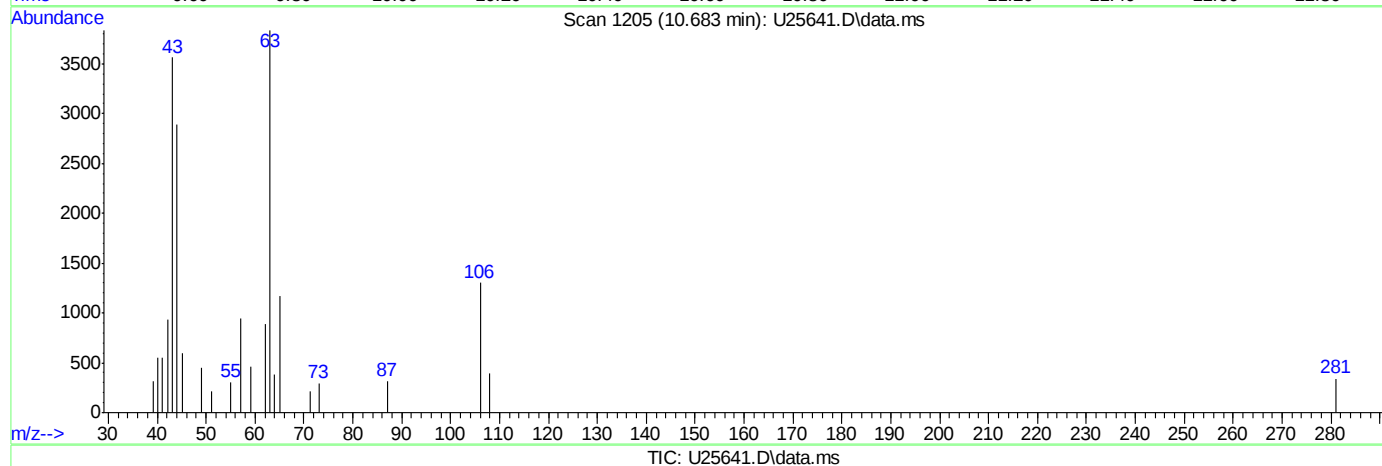
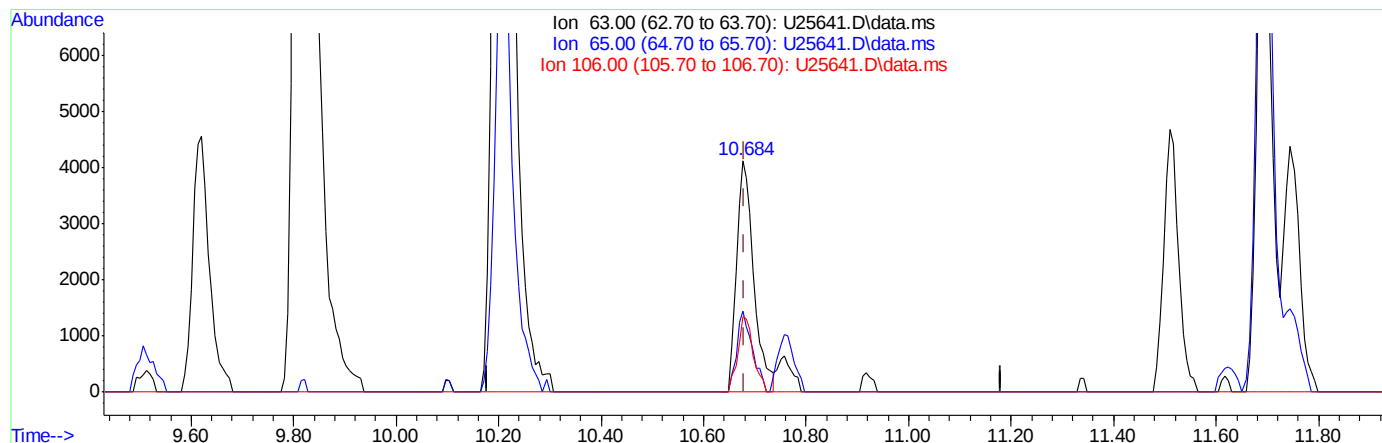
response 4113

Ion	Exp%	Act%
56.00	100	100
52.00	2.80	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25641.D
Acq On : 15 Jan 2015 7:39 pm
Operator : GaryK
Sample : ic1085-25
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 16 11:31:07 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(56) 2-chloroethyl vinyl ether (P)

10.683min (+0.003) 28.48ppb m

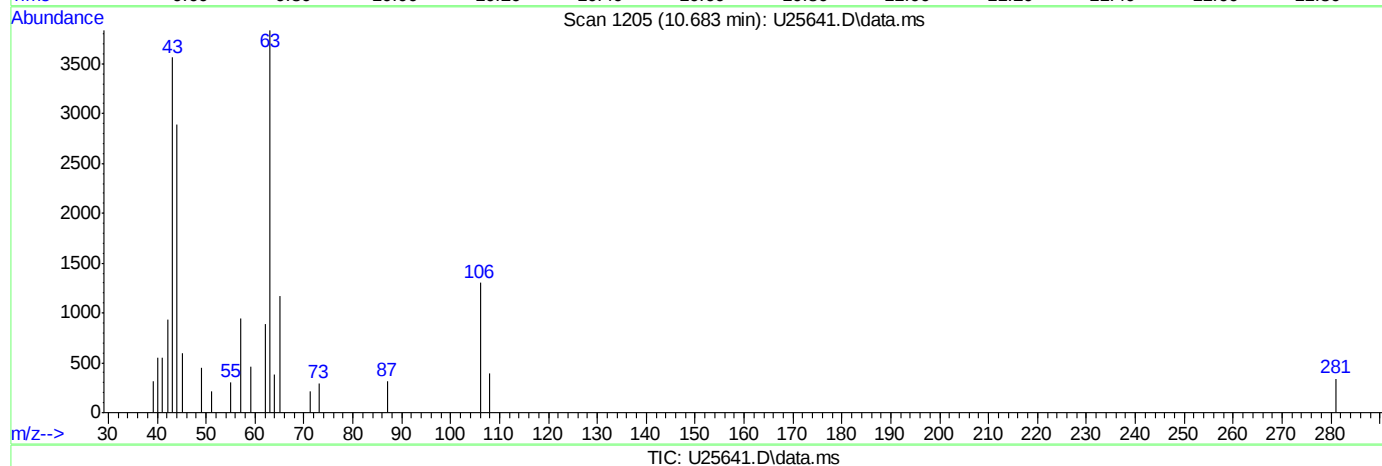
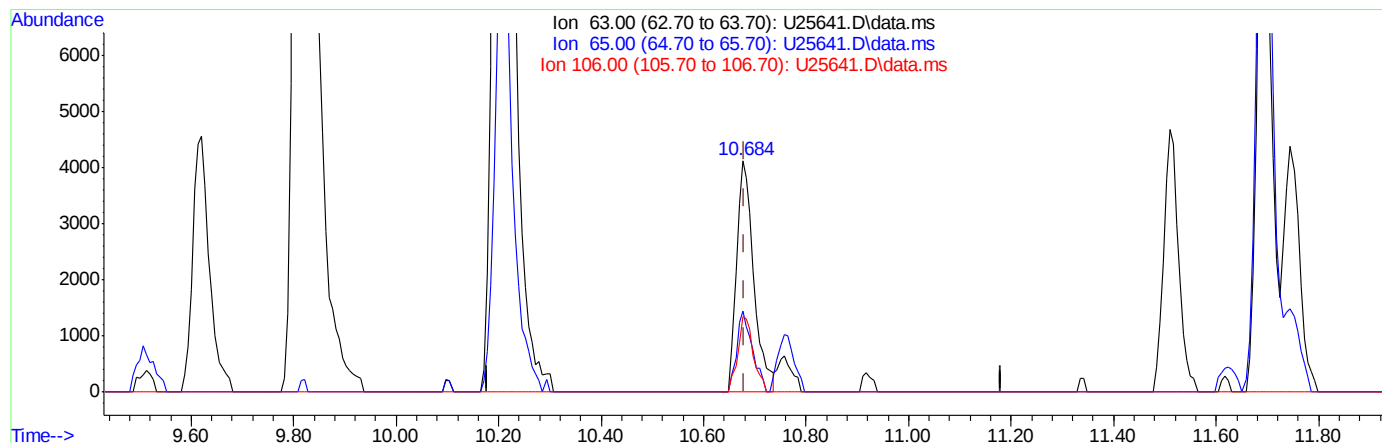
response 9595

Ion	Exp%	Act%
63.00	100	100
65.00	29.80	30.40
106.00	21.20	33.92
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25641.D
Acq On : 15 Jan 2015 7:39 pm
Operator : GaryK
Sample : ic1085-25
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 16 11:31:07 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(56) 2-chloroethyl vinyl ether (P)

10.683min (+0.003) 28.48ppb m

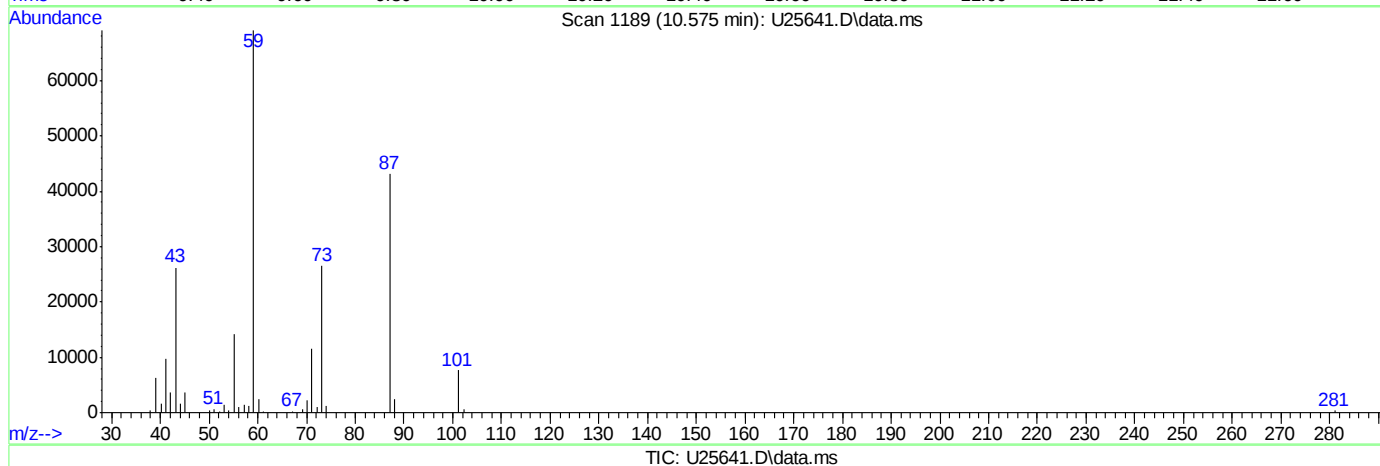
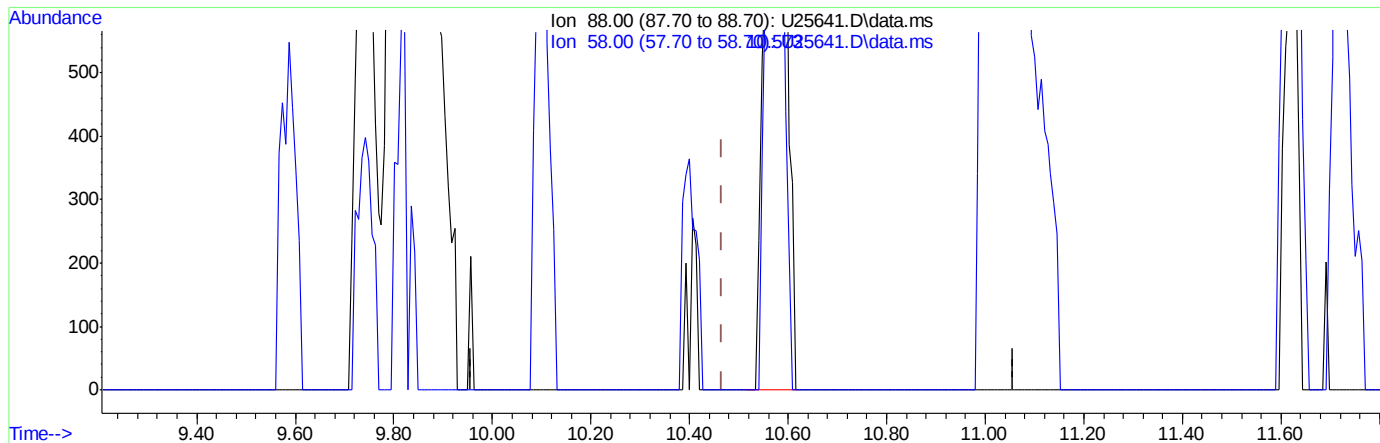
response 9595

Ion	Exp%	Act%
63.00	100	100
65.00	29.80	30.40
106.00	21.20	33.92
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25641.D
Acq On : 15 Jan 2015 7:39 pm
Operator : GaryK
Sample : ic1085-25
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 16 11:31:07 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(58) 1,4-dioxane (P)

10.575min (+0.108) 795.66ppb m

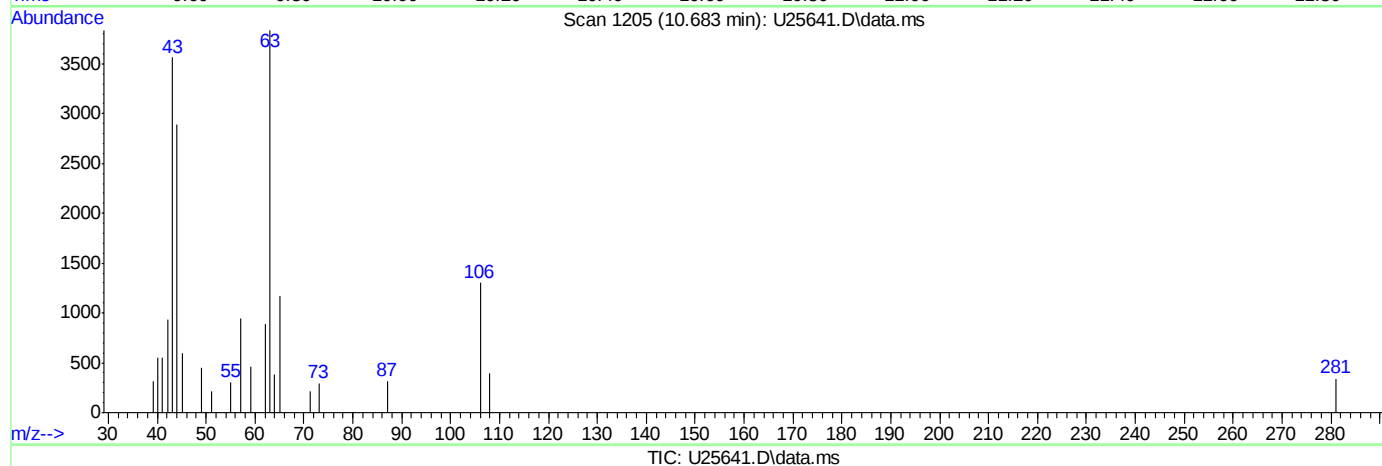
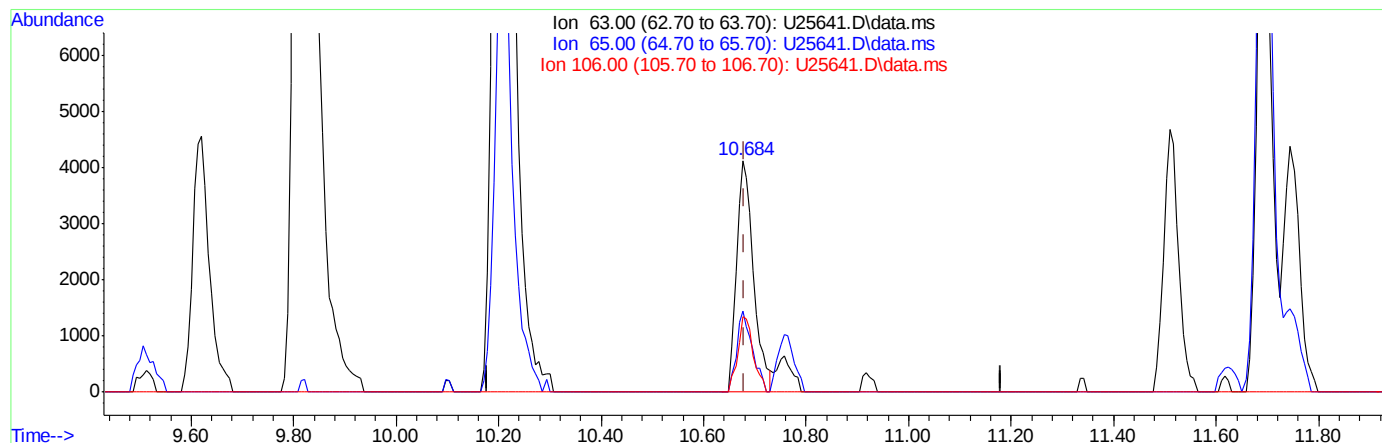
response 5559

Ion	Exp%	Act%
88.00	100	100
58.00	109.20	50.97#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25641.D
Acq On : 15 Jan 2015 7:39 pm
Operator : GaryK
Sample : ic1085-25
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 16 11:31:07 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(56) 2-chloroethyl vinyl ether (P)

10.683min (+0.003) 28.08ppb m

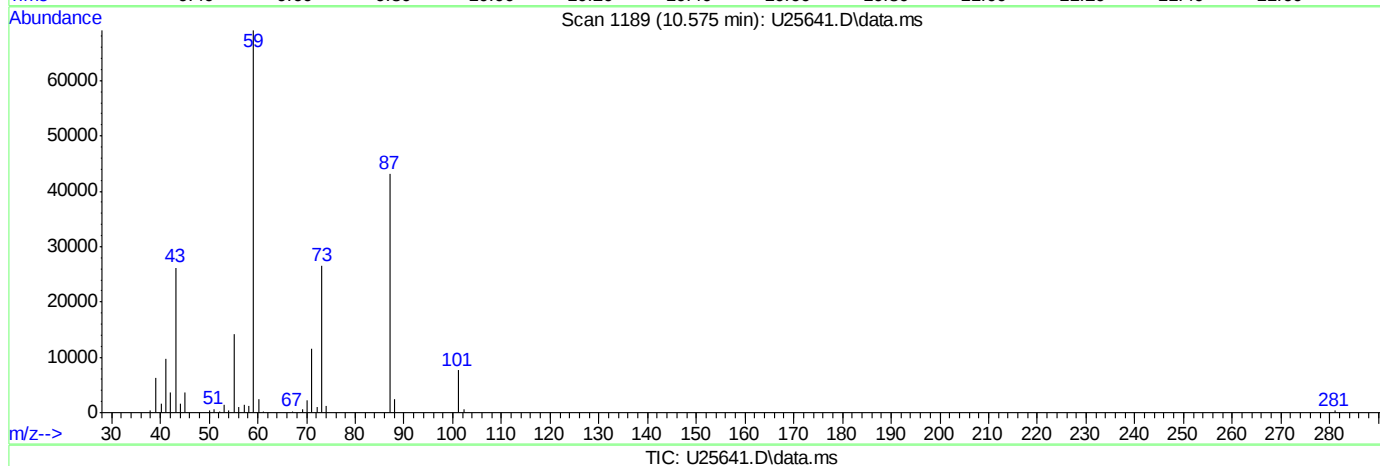
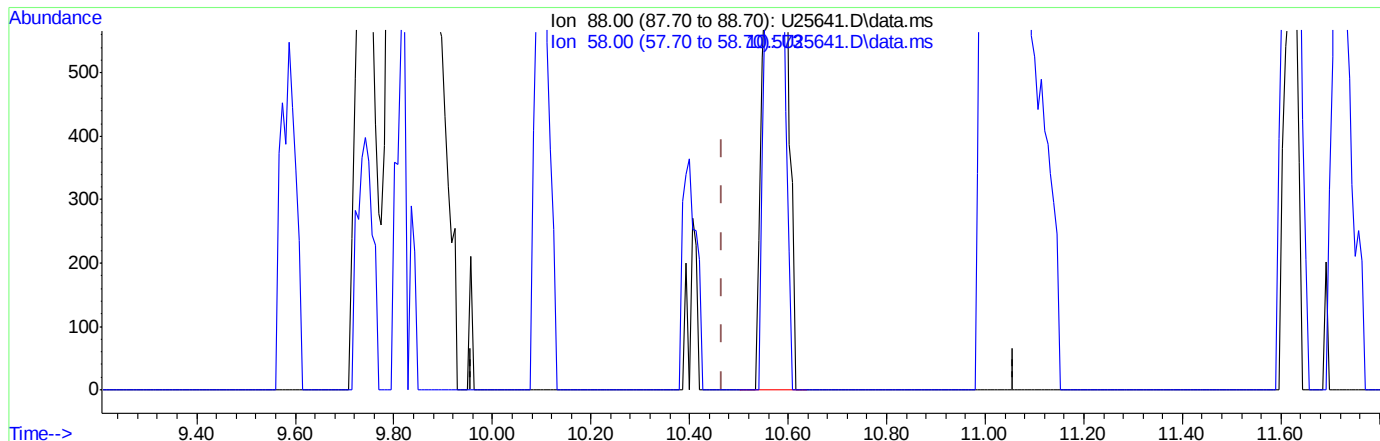
response 9460

Ion	Exp%	Act%
63.00	100	100
65.00	29.80	30.40
106.00	21.20	33.92
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25641.D
Acq On : 15 Jan 2015 7:39 pm
Operator : GaryK
Sample : ic1085-25
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 16 11:31:07 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(58) 1,4-dioxane (P)

10.575min (+0.108) 795.52ppb m

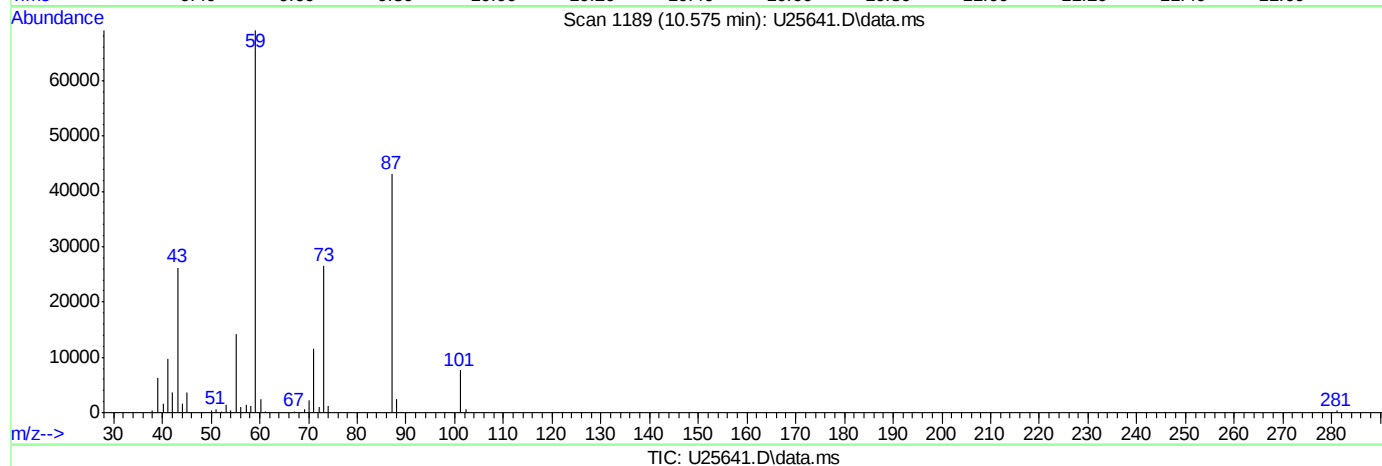
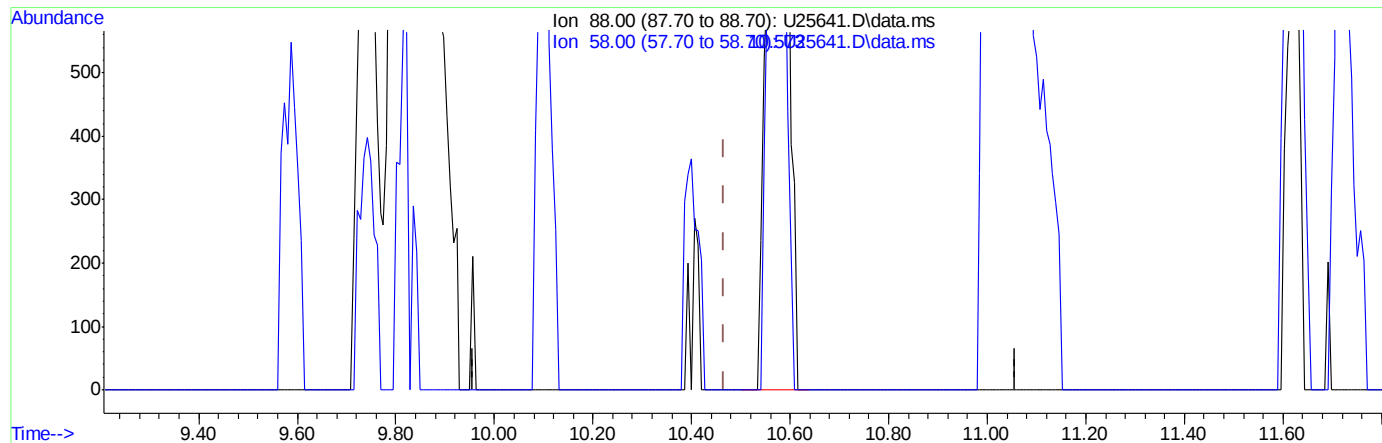
response 5558

Ion	Exp%	Act%
88.00	100	100
58.00	109.20	50.97#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25641.D
Acq On : 15 Jan 2015 7:39 pm
Operator : GaryK
Sample : ic1085-25
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 16 11:31:07 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(58) 1,4-dioxane (P)

10.575min (+0.108) 795.52ppb m

response 5558

Ion	Exp%	Act%
88.00	100	100
58.00	109.20	50.97#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150115\
 Data File : U25642.D
 Acq On : 15 Jan 2015 8:06 pm
 Operator : GaryK
 Sample : icc1085-50
 Misc : ms33699,msu1085,,,,5,1
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jan 16 11:45:54 2015
 Quant Method : D:\msdchem\1\methods\U150115w.m
 Quant Title : SW-846 Method 8260
 QLast Update : Fri Jan 16 08:55:23 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	6.687	65	127033	500.00	ppb	0.00
4) pentafluorobenzene	8.958	168	326240	50.00	ppb	0.00
43) 1,4-difluorobenzene	9.826	114	490405	50.00	ppb	0.00
66) chlorobenzene-d5	13.081	82	198909	50.00	ppb	# 0.00
80) 1,4-dichlorobenzene-d4	15.646	152	245003	50.00	ppb	0.00
System Monitoring Compounds						
40) dibromofluoromethane (s)	8.597	113	178251	50.00	ppb	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	100.00%		
60) toluene-d8 (s)	11.623	98	492915	50.00	ppb	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	100.00%		
82) bromofluorobenzene (s)	14.311	95	181144	50.00	ppb	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	100.00%		
Target Compounds						
						Qvalue
2) tertiary butyl alcohol	6.763	59	163117m	501.07	ppb	
3) Ethanol	5.741	45	102916m	5031.73	ppb	
5) dichlorodifluoromethane	4.334	85	285929	50.00	ppb	100
6) chloromethane	4.552	50	258255	50.00	ppb	95
7) vinyl chloride	4.803	62	222712	50.00	ppb	99
8) bromomethane	5.271	96	147207	50.00	ppb	94
9) chloroethane	5.406	64	84329	50.00	ppb	95
10) ethyl ether	6.276	59	103373	50.00	ppb	86
11) acetonitrile	6.097	41	16931m	49.44	ppb	
12) trichlorofluoromethane	6.088	101	327166	50.00	ppb	98
13) freon-113	6.828	101	196475	50.00	ppb	90
14) acrolein	6.070	56	6987m	250.00	ppb	
15) 1,1-dichloroethene	6.630	96	156149	50.00	ppb	# 75
16) acetone	6.171	58	9497m	23.30	ppb	
17) Methyl Acetate	6.833	43	181702	50.00	ppb	# 72
18) methylene chloride	6.772	84	155474	50.00	ppb	# 77
19) methyl tert butyl ether	7.555	73	382644	50.00	ppb	91
20) acrylonitrile	6.716	53	58006	50.00	ppb	92
21) allyl chloride	6.868	41	229416	50.00	ppb	91
22) trans-1,2-dichloroethene	7.452	96	146921	50.00	ppb	# 73
23) iodomethane	6.685	142	351017	50.00	ppb	91
24) carbon disulfide	7.063	76	532089	50.00	ppb	98
25) propionitrile	8.065	54	10983	50.00	ppb	100
26) vinyl acetate	7.808	43	166001	50.00	ppb	92
27) chloroprene	8.066	53	200143	50.00	ppb	82
28) di-isopropyl ether	8.107	45	401715	50.00	ppb	89
29) methacrylonitrile	8.233	41	89505	50.00	ppb	91
30) 2-butanone	8.158	72	20204	50.00	ppb	# 1
31) Ethyl Acetate	8.109	43	383994	50.00	ug/L	# 68
32) Hexane	8.089	41	206860	50.00	ppb	83
33) 1,1-dichloroethane	7.702	63	233709	50.00	ppb	95
34) tert-butyl ethyl ether	8.505	59	422997	50.00	ppb	85
35) isobutyl alcohol	8.510	43	77746	250.42	ppb	80
36) 2,2-dichloropropane	8.565	77	170477	50.00	ppb	91

Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150115\
 Data File : U25642.D
 Acq On : 15 Jan 2015 8:06 pm
 Operator : GaryK
 Sample : icc1085-50
 Misc : ms33699,msu1085,,,,,5,1
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jan 16 11:45:54 2015
 Quant Method : D:\msdchem\1\methods\U150115w.m
 Quant Title : SW-846 Method 8260
 QLast Update : Fri Jan 16 08:55:23 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) cis-1,2-dichloroethene	8.272	96	161817	50.00	ppb	# 78
38) bromochloromethane	8.438	128	102522	50.00	ppb	# 48
39) chloroform	8.475	83	257224	50.00	ppb	94
41) Tetrahydrofuran	8.839	42	47568	50.00	ppb	87
42) 1,1,1-trichloroethane	9.231	97	253259	50.00	ppb	96
44) Cyclohexane	9.517	56	242039	50.00	ppb	# 81
45) carbon tetrachloride	9.592	117	248822	50.00	ppb	96
46) 1,1-dichloropropene	9.400	75	180026	50.00	ppb	89
47) benzene	9.623	78	483307	50.00	ppb	99
48) 1,2-dichloroethane	9.126	62	192631	50.00	ppb	98
49) tert-amyl methyl ether	9.749	73	382398	50.00	ppb	95
50) heptane	10.104	43	156380m	50.20	ppb	
51) trichloroethene	10.245	95	159156	50.00	ppb	76
52) 1,2-dichloropropane	10.211	63	120835	50.00	ppb	96
53) dibromomethane	10.187	93	99674	50.00	ppb	85
54) bromodichloromethane	10.299	83	200610	50.00	ppb	98
55) Methylcyclohexane	10.764	83	227700	50.00	ppb	# 81
56) 2-chloroethyl vinyl ether	10.676	63	16771m	49.38	ppb	
57) methyl methacrylate	10.401	69	71841	50.00	ppb	88
58) 1,4-dioxane	10.468	88	1856m	263.49	ppb	
59) cis-1,3-dichloropropene	10.919	75	195781	50.00	ppb	86
61) 4-methyl-2-pentanone	11.024	43	129280	50.00	ppb	94
62) toluene	11.695	92	298325	50.00	ppb	96
63) trans-1,3-dichloropropene	11.340	75	163325	50.00	ppb	93
64) 1,1,2-trichloroethane	11.513	83	89195	50.00	ppb	93
65) ethyl methacrylate	11.721	69	129327	50.00	ppb	85
67) tetrachloroethene	12.437	166	155399	50.00	ppb	96
68) 1,3-dichloropropane	11.747	76	160829	50.00	ppb	97
69) dibromochloromethane	12.038	129	177943	50.00	ppb	99
70) 1,2-dibromoethane	12.290	107	128873	50.00	ppb	99
71) 2-hexanone	11.890	43	73440	50.00	ppb	92
72) chlorobenzene	13.118	112	374897	50.00	ppb	87
73) 1,1,1,2-tetrachloroethane	13.037	131	177098	50.00	ppb	99
74) ethylbenzene	13.294	91	561329	50.00	ppb	93
75) m,p-xylene	13.478	106	470757	100.00	ppb	86
76) o-xylene	13.890	106	260401	50.00	ppb	89
77) styrene	13.818	104	362554	50.00	ppb	94
78) bromoform	13.645	173	110143	50.00	ppb	98
79) trans-1,4-dichloro-2-b...	14.045	53	37009	50.00	ppb	# 57
81) isopropylbenzene	14.254	105	689706	50.00	ppb	95
83) bromobenzene	14.542	156	182622	50.00	ppb	# 74
84) 1,1,2,2-tetrachloroethane	13.897	83	156436	50.00	ppb	96
85) 1,2,3-trichloropropane	14.045	75	158612	50.00	ppb	99
86) n-propylbenzene	14.700	91	715254	50.00	ppb	91
87) 2-chlorotoluene	14.817	91	447618	50.00	ppb	80
88) 4-chlorotoluene	14.894	91	421458	50.00	ppb	83
89) 1,3,5-trimethylbenzene	14.977	105	629398	50.00	ppb	92
90) tert-butylbenzene	15.282	91	369542	50.00	ppb	83
91) 1,2,4-trimethylbenzene	15.386	105	648413	50.00	ppb	96
92) sec-butylbenzene	15.505	105	834500	50.00	ppb	94

Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25642.D
Acq On : 15 Jan 2015 8:06 pm
Operator : GaryK
Sample : icc1085-50
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jan 16 11:45:54 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration

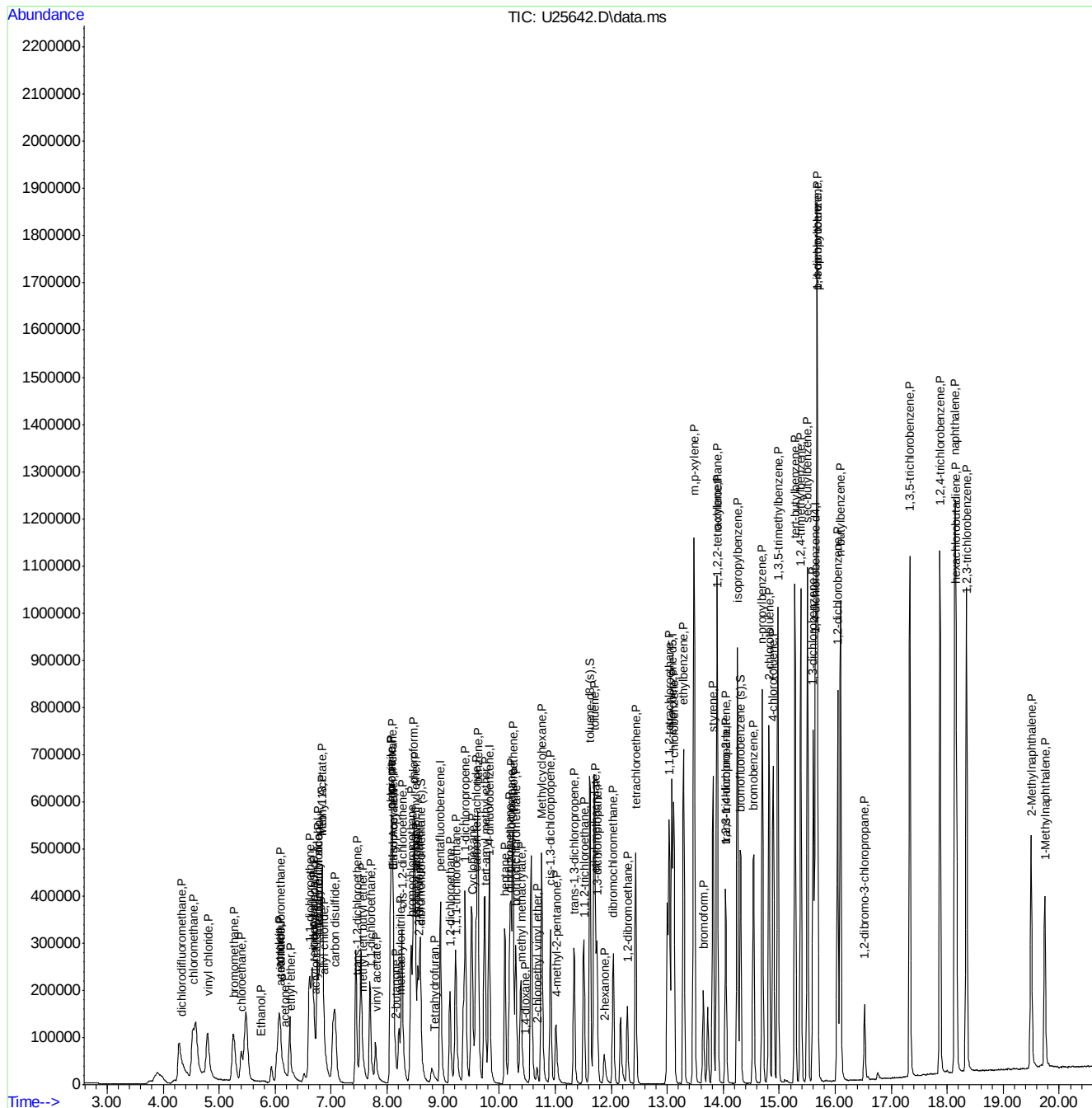
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,3-dichlorobenzene	15.607	146	360902	50.00	ppb	99
94) p-isopropyltoluene	15.678	119	761044	50.00	ppb	95
95) 1,4-dichlorobenzene	15.675	146	373832	50.00	ppb	99
96) 1,2-dichlorobenzene	16.043	146	406305	50.00	ppb	97
97) n-butylbenzene	16.098	91	620390	50.00	ppb	86
98) 1,2-dibromo-3-chloropr...	16.525	75	42657	50.00	ppb #	67
99) 1,3,5-trichlorobenzene	17.335	180	382673	50.00	ug/L	97
100) 1,2,4-trichlorobenzene	17.873	180	380878	50.00	ppb	92
101) hexachlorobutadiene	18.162	225	153825	50.00	ppb	93
102) naphthalene	18.139	128	1065030	50.00	ppb	100
103) 2-Methylnaphthalene	19.503	142	323384	25.00	ug/L	97
104) 1-Methylnaphthalene	19.748	142	246340	25.00	ug/L	97
105) 1,2,3-trichlorobenzene	18.345	180	371742	50.00	ppb	96

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

Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25642.D
Acq On : 15 Jan 2015 8:06 pm
Operator : GaryK
Sample : icc1085-50
Misc : ms33699,msu1085,,,5,1
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jan 16 11:45:54 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



U150115w.m Fri Jan 16 12:44:31 2015

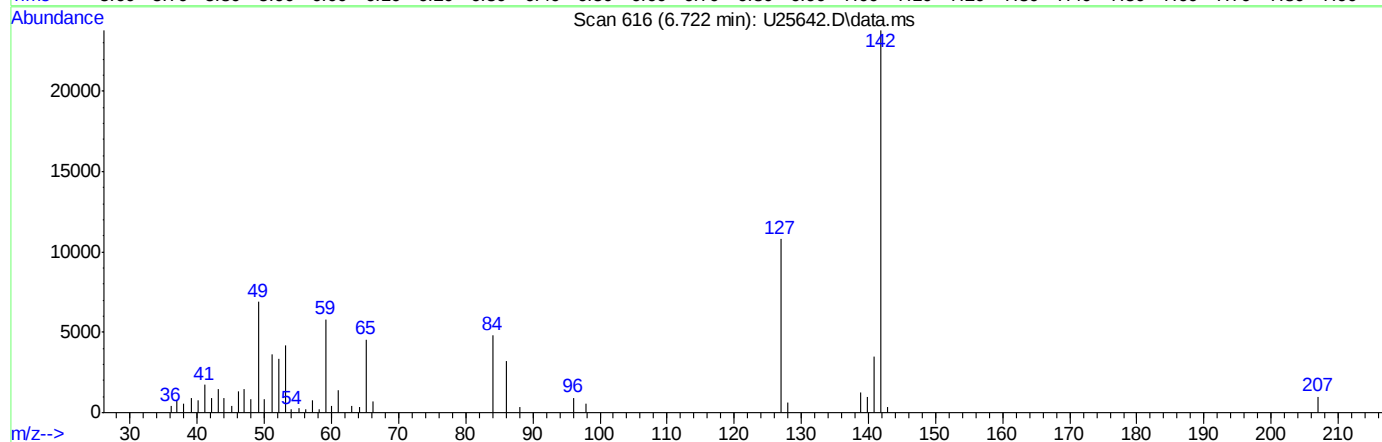
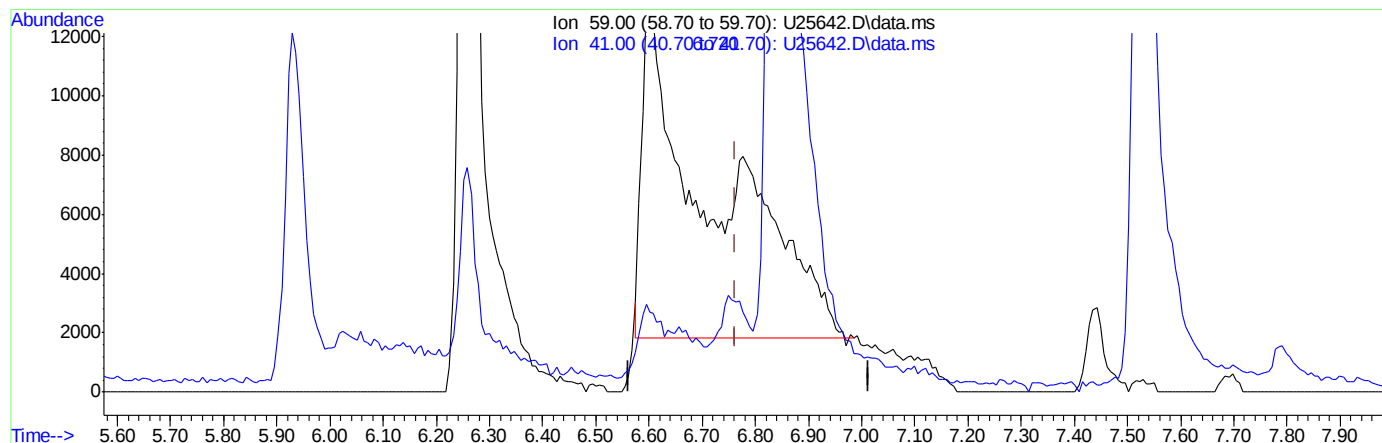
Page: 4

7.6.19

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25642.D
Acq On : 15 Jan 2015 8:06 pm
Operator : GaryK
Sample : icc1085-50
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jan 16 09:27:54 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25642.D\data.ms

(2) tertiary butyl alcohol (P)

6.720min (-0.043) 316.90ppb

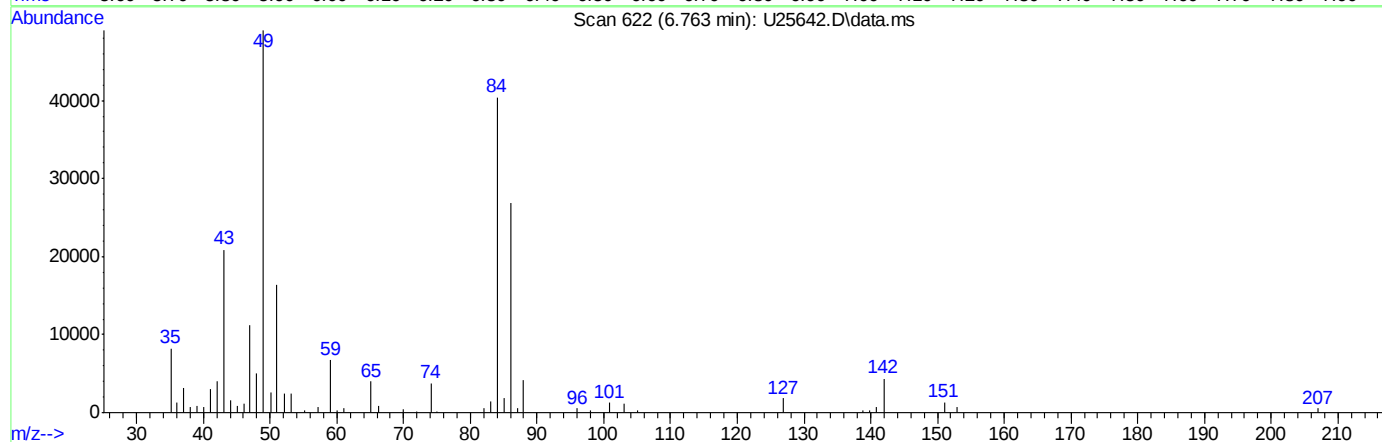
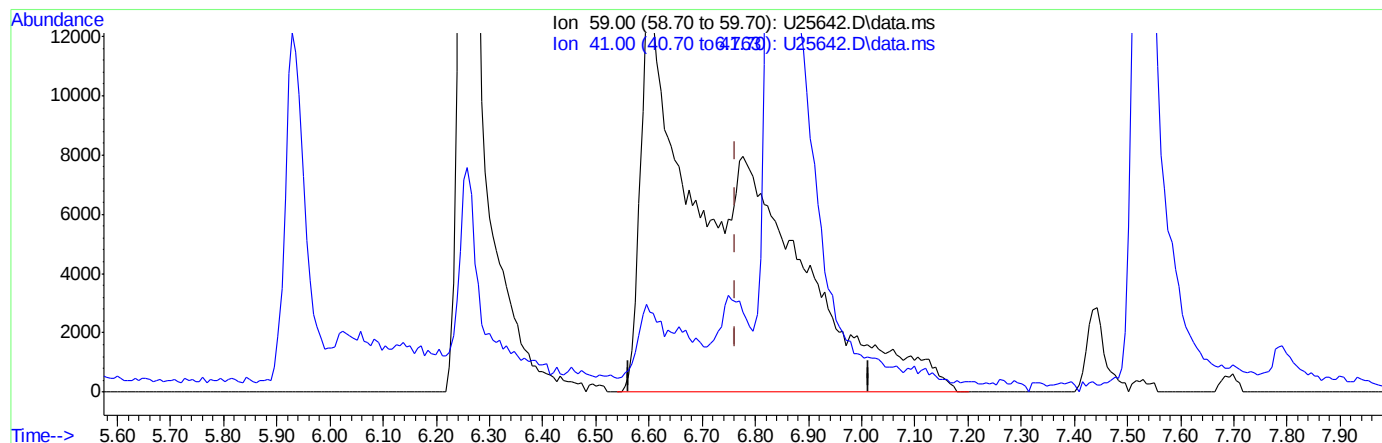
response 103162

Ion	Exp%	Act%
59.00	100	100
41.00	23.90	11.09
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25642.D
Acq On : 15 Jan 2015 8:06 pm
Operator : GaryK
Sample : icc1085-50
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jan 16 09:27:54 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25642.D\data.ms

(2) tertiary butyl alcohol (P)

6.763min (0.000) 501.07ppb m

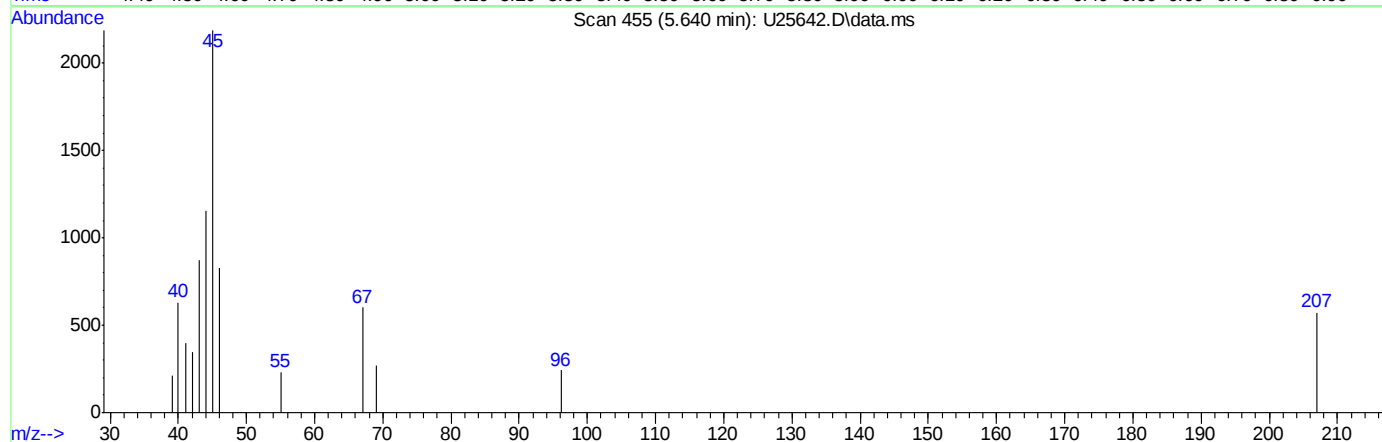
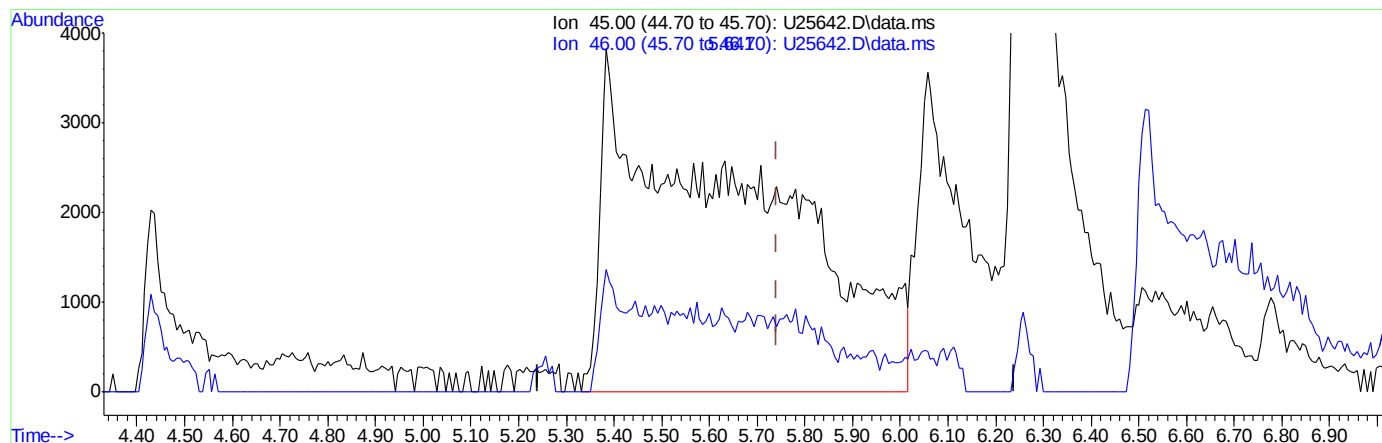
response 163117

Ion	Exp%	Act%
59.00	100	100
41.00	23.90	45.05
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25642.D
Acq On : 15 Jan 2015 8:06 pm
Operator : GaryK
Sample : icc1085-50
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jan 16 09:27:54 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25642.D\data.ms

(3) Ethanol (P)

5.641min (-0.100) 3910.30ppb

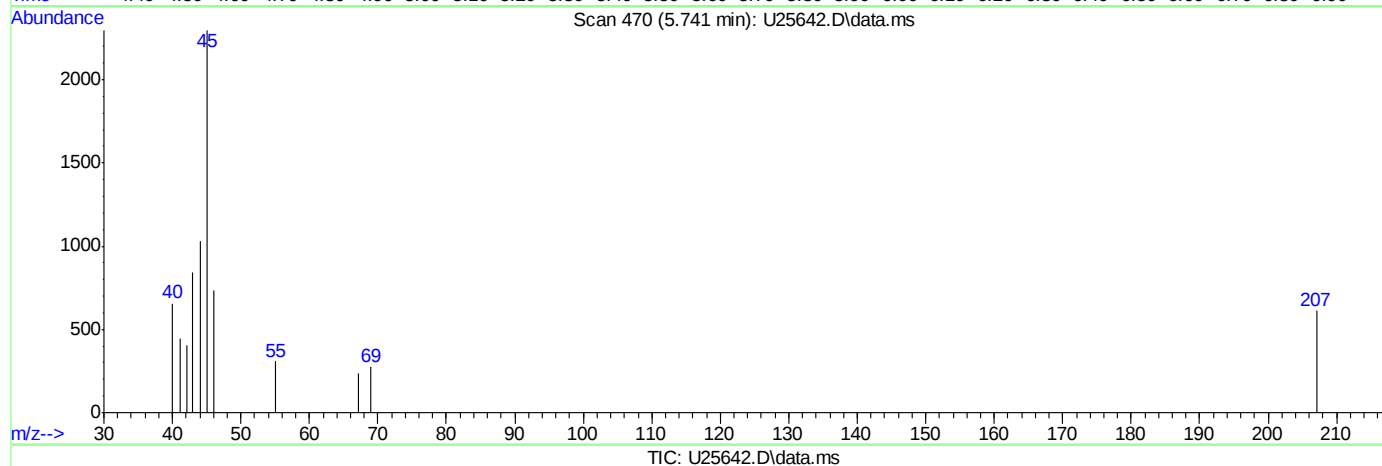
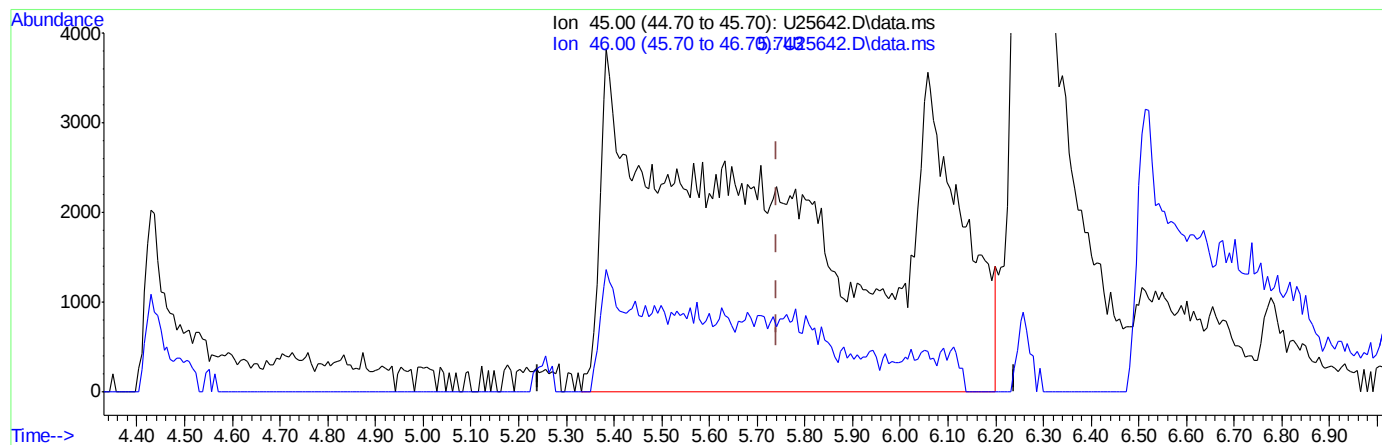
response 79979

Ion	Exp%	Act%
45.00	100	100
46.00	35.30	37.91
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25642.D
Acq On : 15 Jan 2015 8:06 pm
Operator : GaryK
Sample : icc1085-50
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jan 16 09:27:54 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(3) Ethanol (P)

5.741min (0.000) 5031.73ppb m

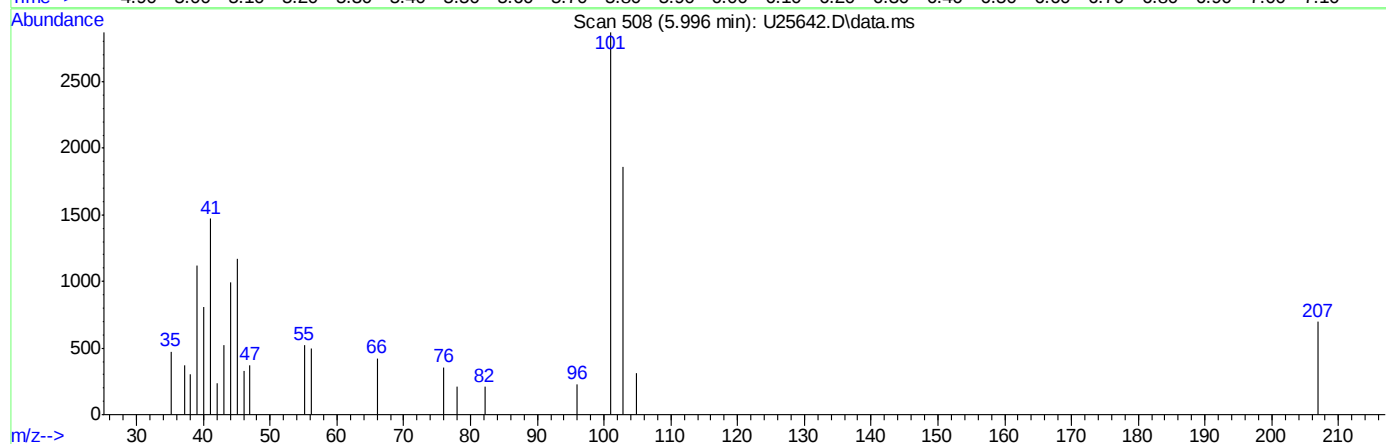
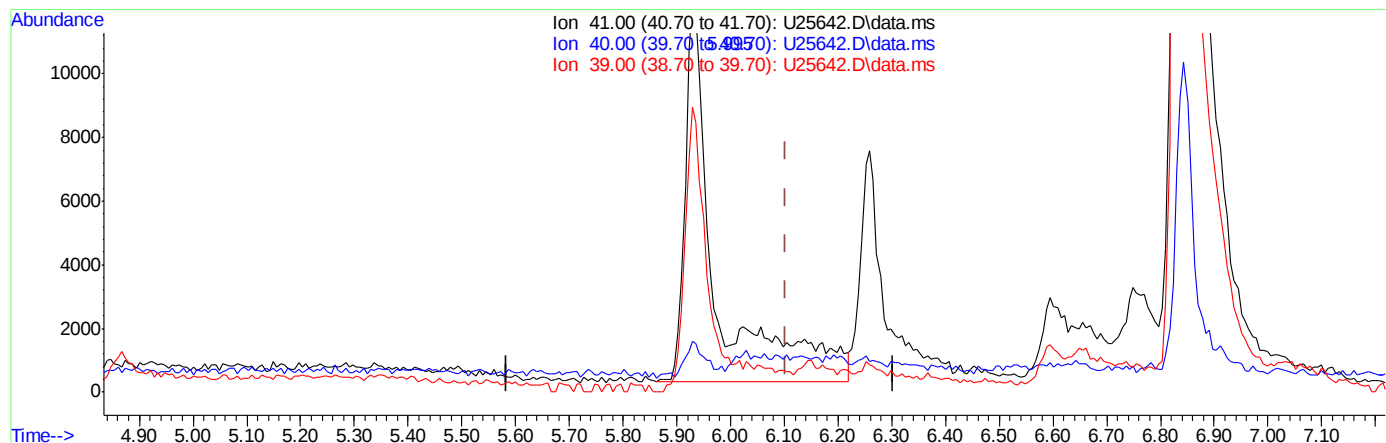
response 102916

Ion	Exp%	Act%
45.00	100	100
46.00	35.30	31.93
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25642.D
Acq On : 15 Jan 2015 8:06 pm
Operator : GaryK
Sample : icc1085-50
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jan 16 09:27:54 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(11) acetonitrile (P)

5.995min (-0.109) 141.03ppb

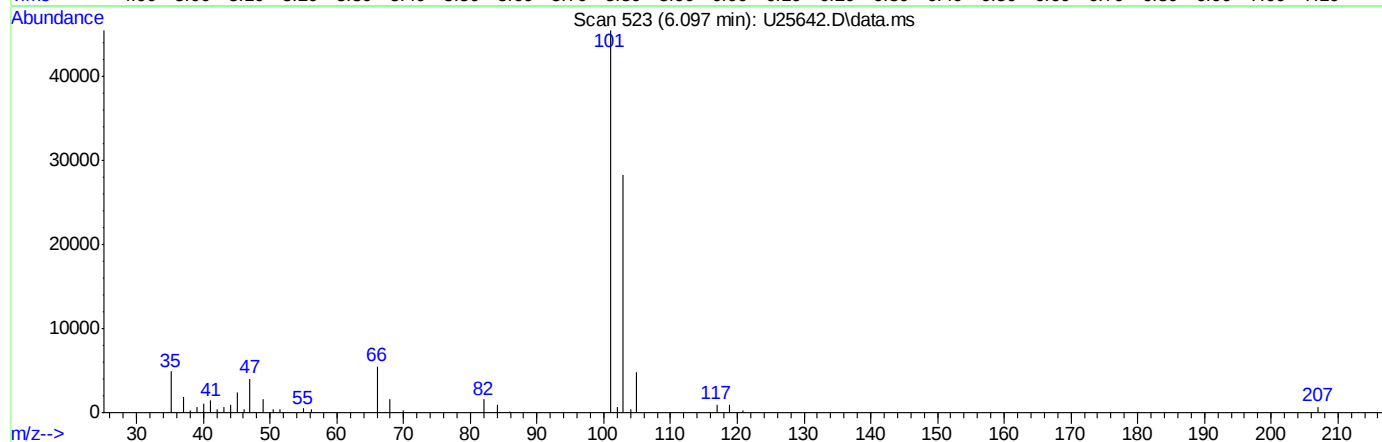
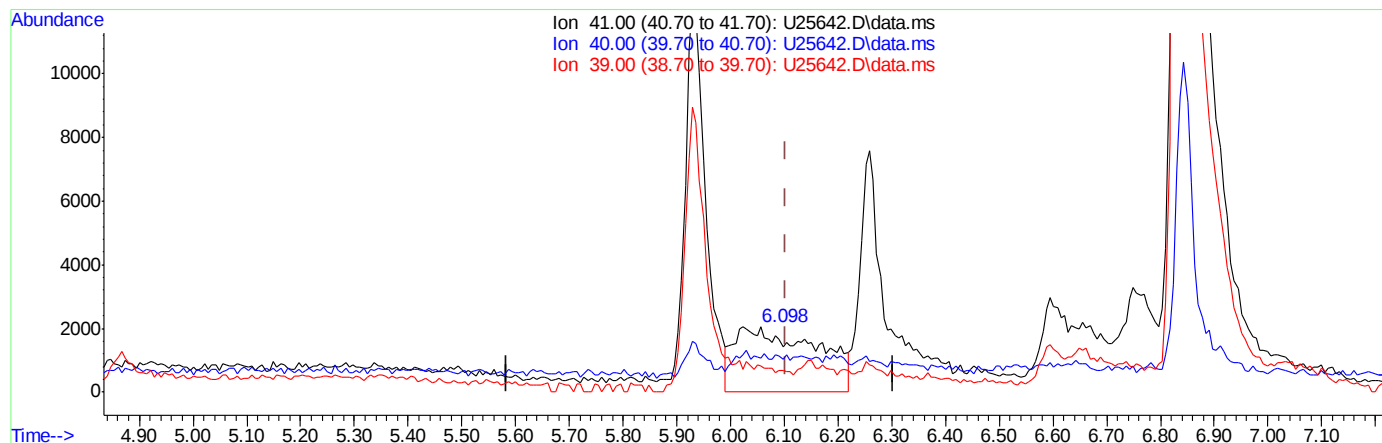
response 48297

Ion	Exp%	Act%
41.00	100	100
40.00	92.30	31.66#
39.00	24.50	97.05#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25642.D
Acq On : 15 Jan 2015 8:06 pm
Operator : GaryK
Sample : icc1085-50
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jan 16 09:27:54 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25642.D\data.ms

(11) acetonitrile (P)

6.097min (-0.007) 62.54ppb m

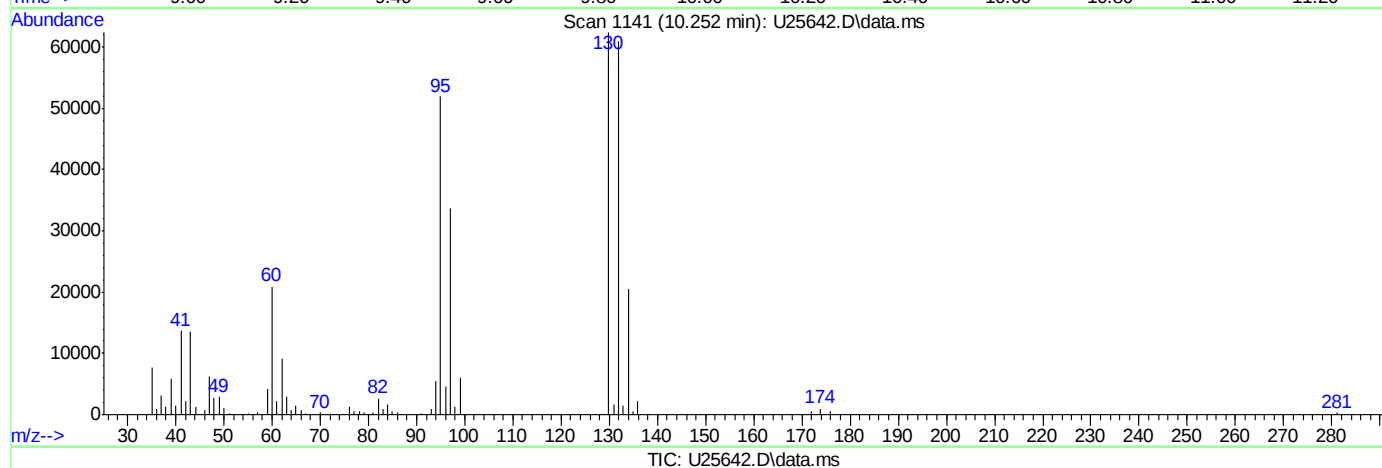
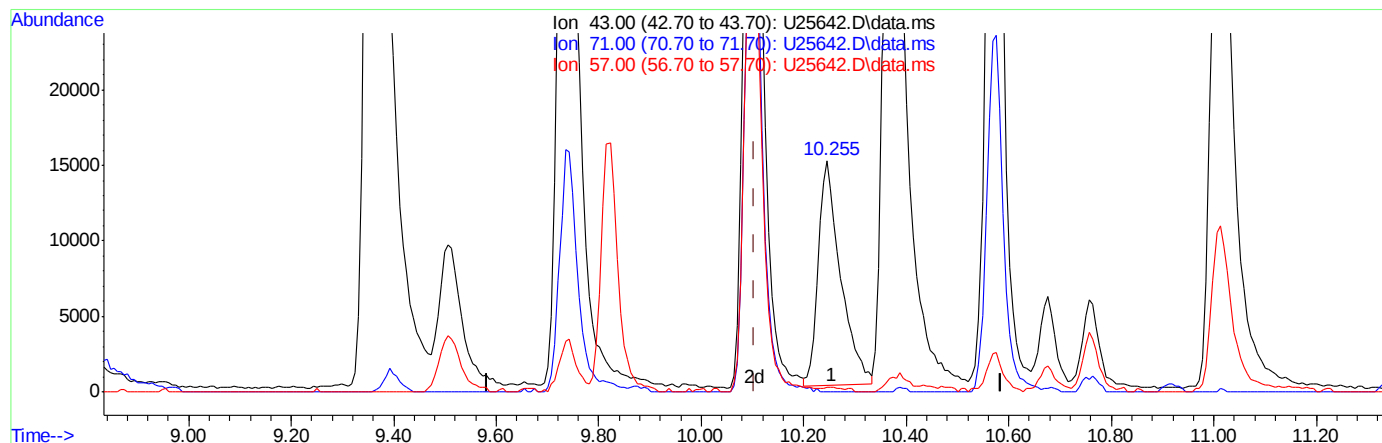
response 21416

Ion	Exp%	Act%
41.00	100	100
40.00	92.30	74.61
39.00	24.50	48.79
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25642.D
Acq On : 15 Jan 2015 8:06 pm
Operator : GaryK
Sample : icc1085-50
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jan 16 09:27:54 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(50) heptane (P)

10.255min (+0.151) 14.52ppb

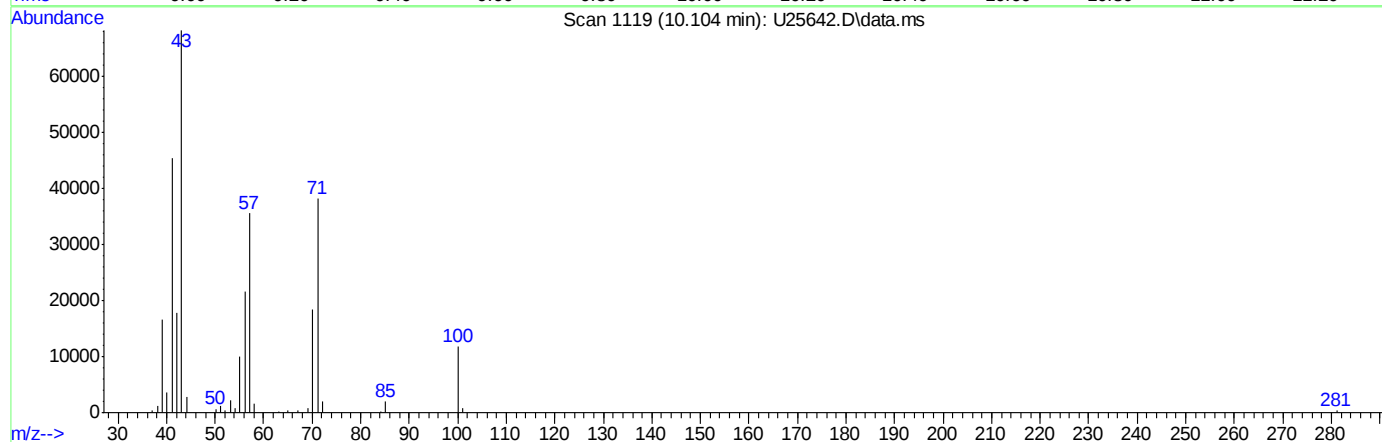
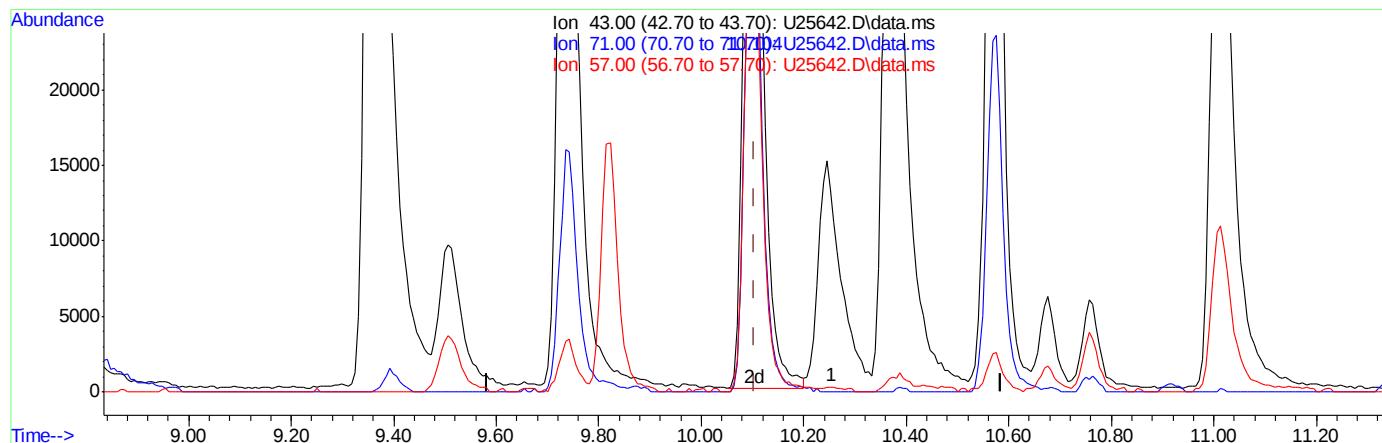
response 45225

Ion	Exp%	Act%
43.00	100	100
71.00	26.10	0.00
57.00	5.80	2.38
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25642.D
Acq On : 15 Jan 2015 8:06 pm
Operator : GaryK
Sample : icc1085-50
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jan 16 09:27:54 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25642.D\data.ms

(50) heptane (P)

10.104min (0.000) 50.20ppb m

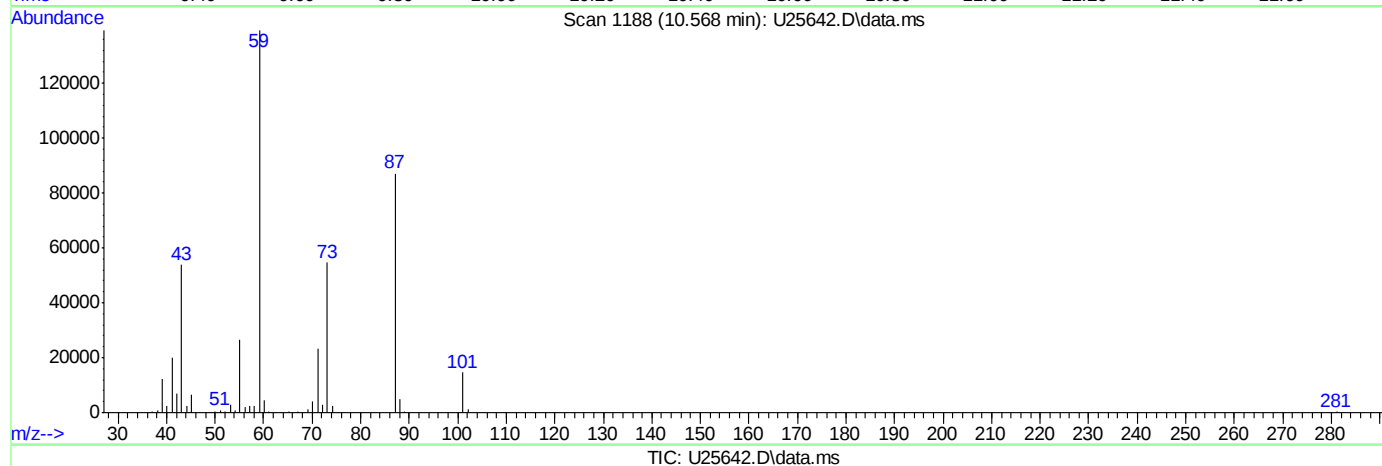
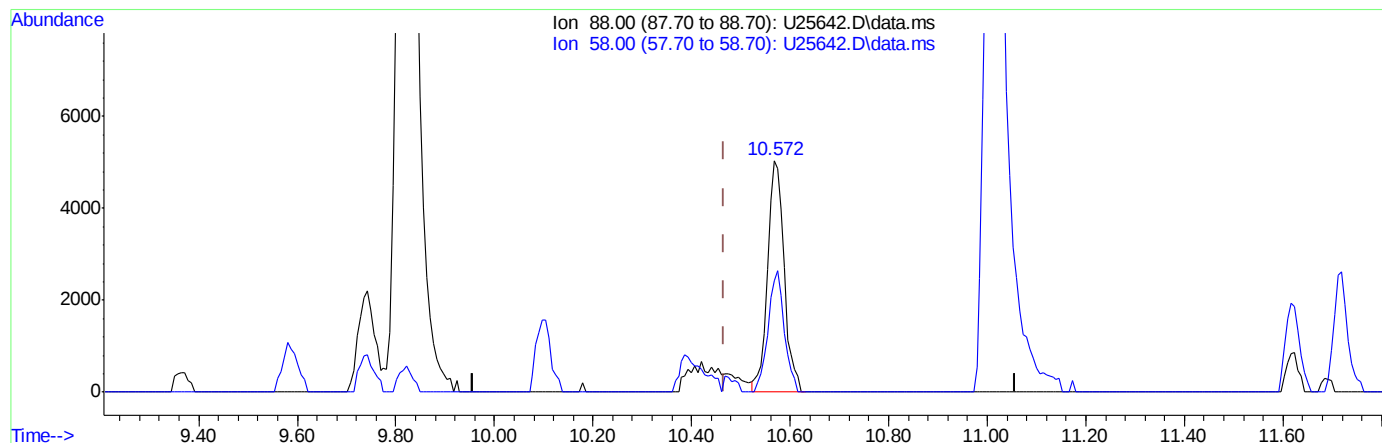
response 156380

Ion	Exp%	Act%
43.00	100	100
71.00	26.10	55.96
57.00	5.80	52.11#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25642.D
Acq On : 15 Jan 2015 8:06 pm
Operator : GaryK
Sample : icc1085-50
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jan 16 09:27:54 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(58) 1,4-dioxane (P)

10.572min (+0.104) 1647.64ppb

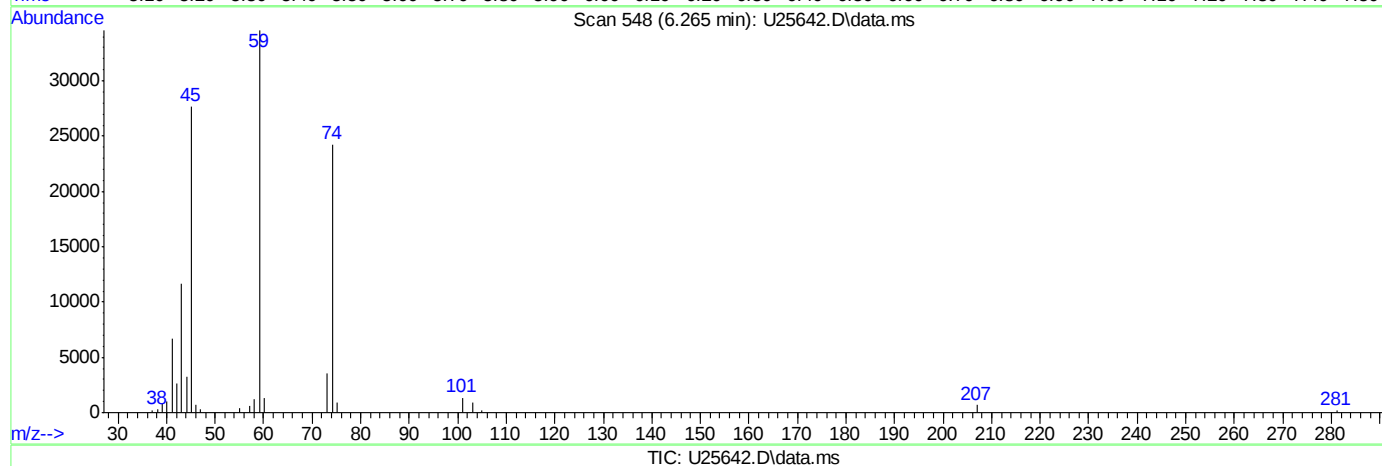
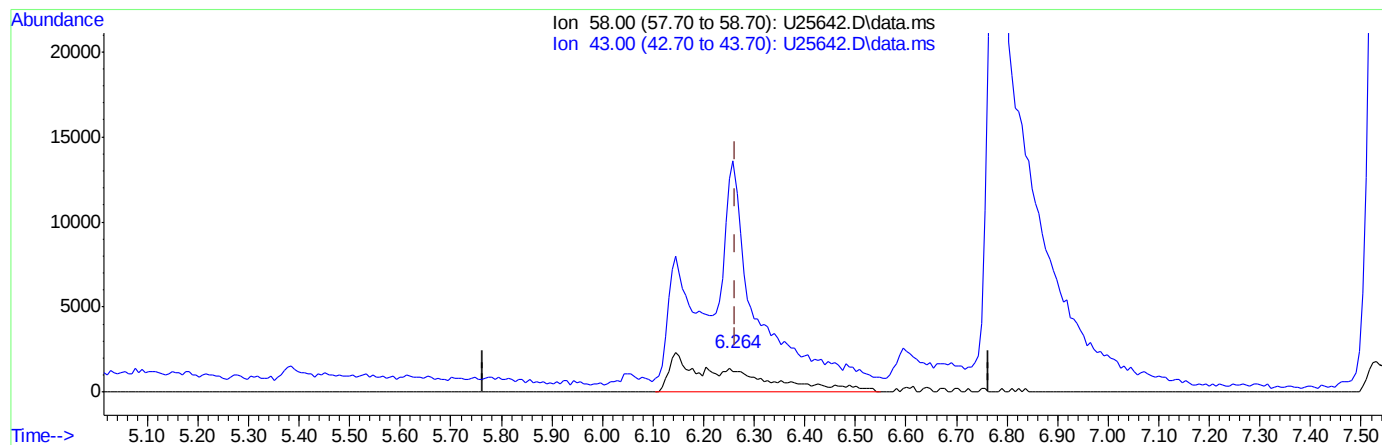
response 11606

Ion	Exp%	Act%
88.00	100	100
58.00	109.20	48.17#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25642.D
Acq On : 15 Jan 2015 8:06 pm
Operator : GaryK
Sample : icc1085-50
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jan 16 09:29:14 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(16) acetone (P)

6.264min (0.000) 50.00ppb

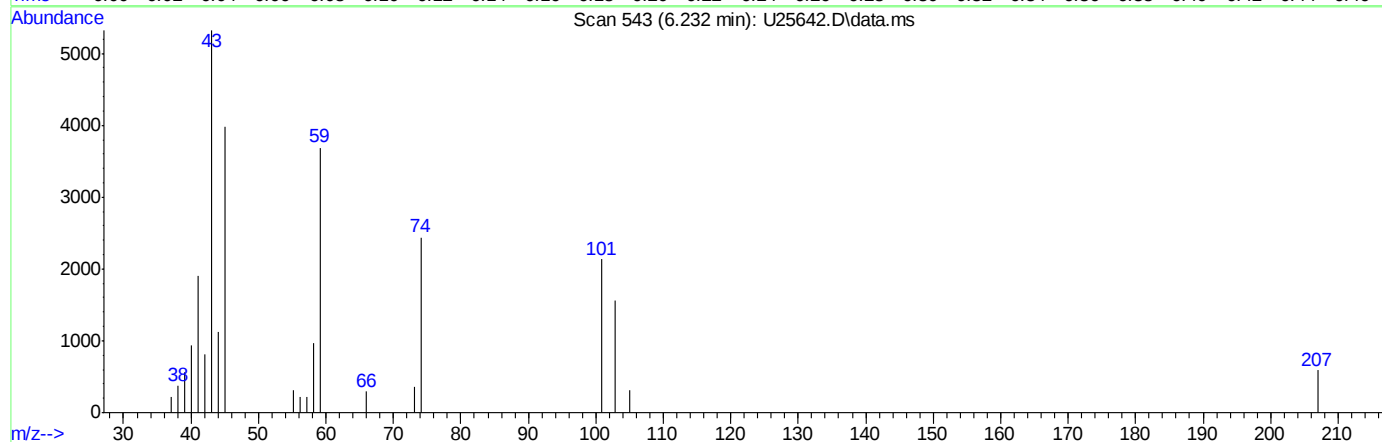
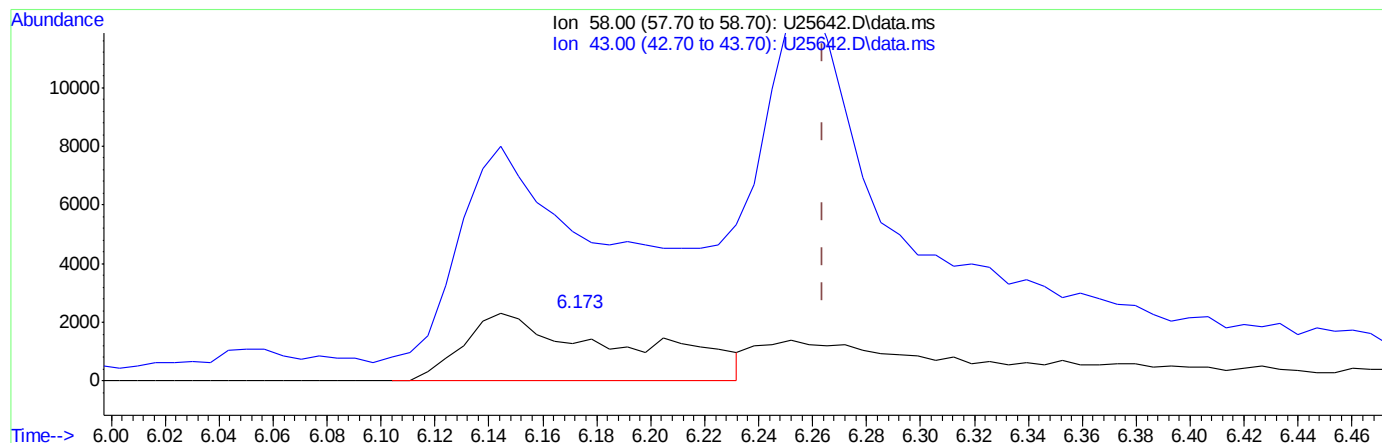
response 20383

Ion	Exp%	Act%
58.00	100	100
43.00	308.80	893.58#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25642.D
Acq On : 15 Jan 2015 8:06 pm
Operator : GaryK
Sample : icc1085-50
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jan 16 09:29:14 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(16) acetone (P)

6.171min (-0.093) 23.30ppb m

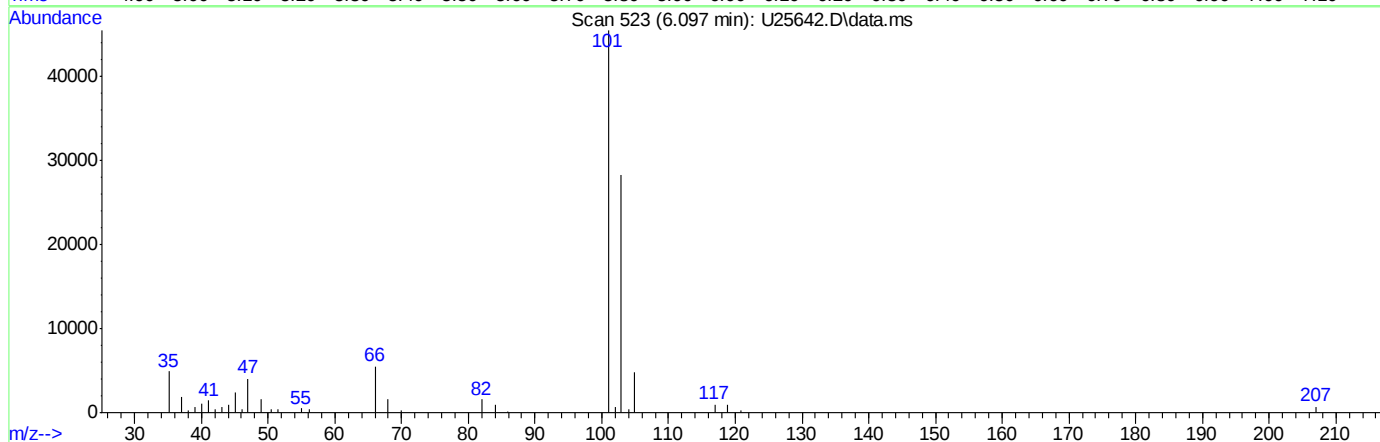
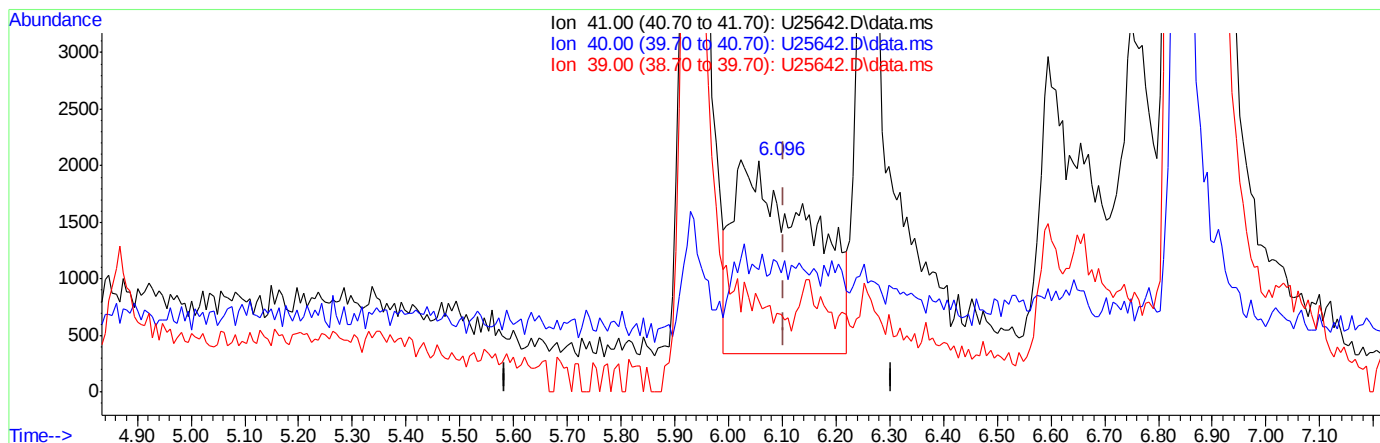
response 9497

Ion	Exp%	Act%
58.00	100	100
43.00	308.80	397.05#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25642.D
Acq On : 15 Jan 2015 8:06 pm
Operator : GaryK
Sample : icc1085-50
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jan 16 09:34:23 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25642.D\data.ms

(11) acetonitrile (P)

6.097min (-0.007) 49.44ppb m

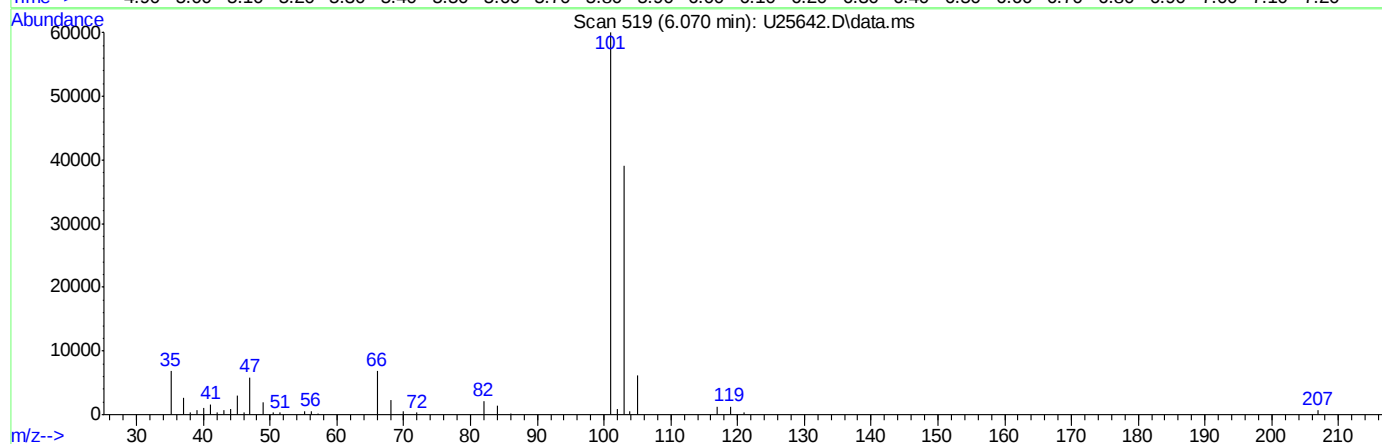
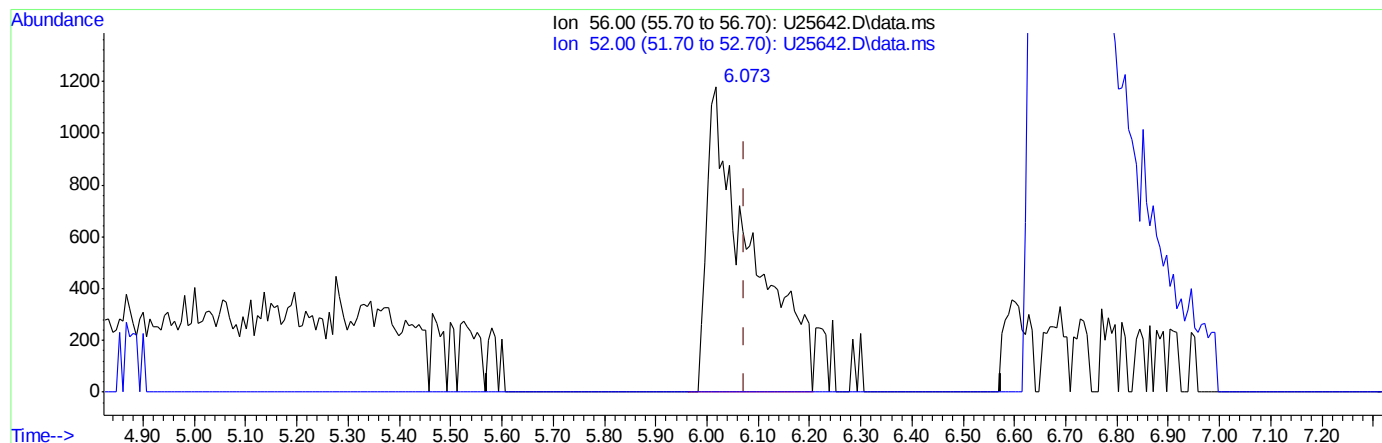
response 16931

Ion	Exp%	Act%
41.00	100	100
40.00	92.30	74.61
39.00	24.50	48.79
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25642.D
Acq On : 15 Jan 2015 8:06 pm
Operator : GaryK
Sample : icc1085-50
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jan 16 11:25:42 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25642.D\data.ms

(14) acrolein (P)

6.070min (-0.003) 250.00ppb m

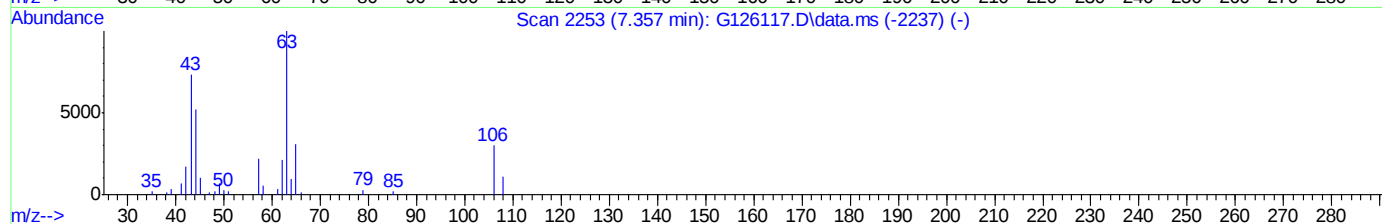
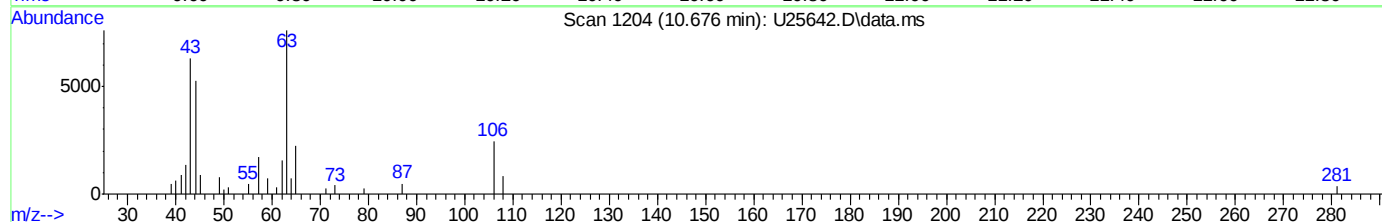
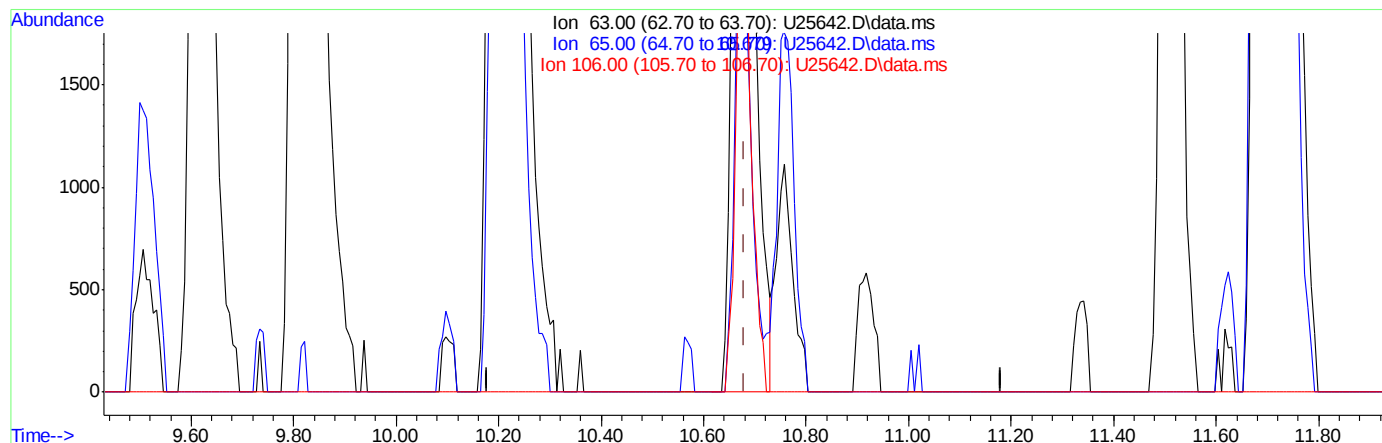
response 6987

Ion	Exp%	Act%
56.00	100	100
52.00	2.80	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25642.D
Acq On : 15 Jan 2015 8:06 pm
Operator : GaryK
Sample : icc1085-50
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jan 16 11:31:23 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25642.D\data.ms

(56) 2-chloroethyl vinyl ether (P)

10.676min (-0.004) 49.38ppb m

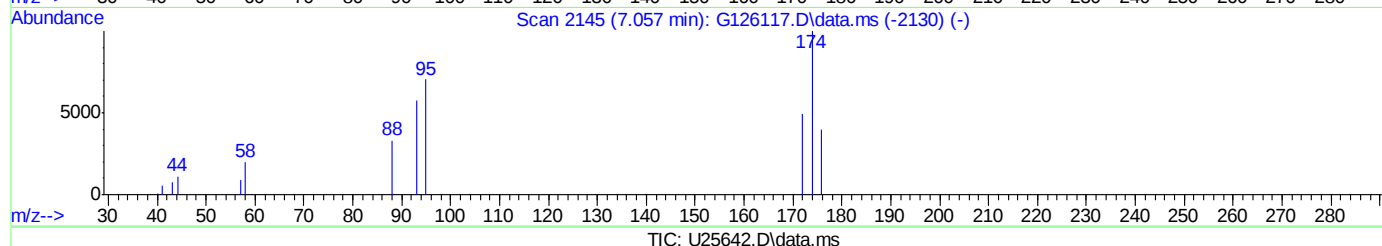
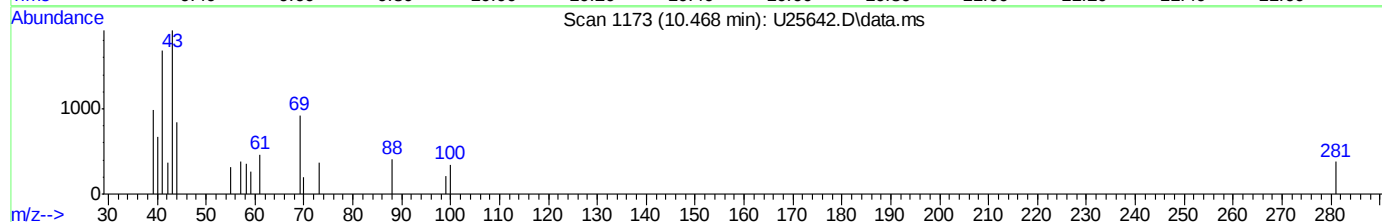
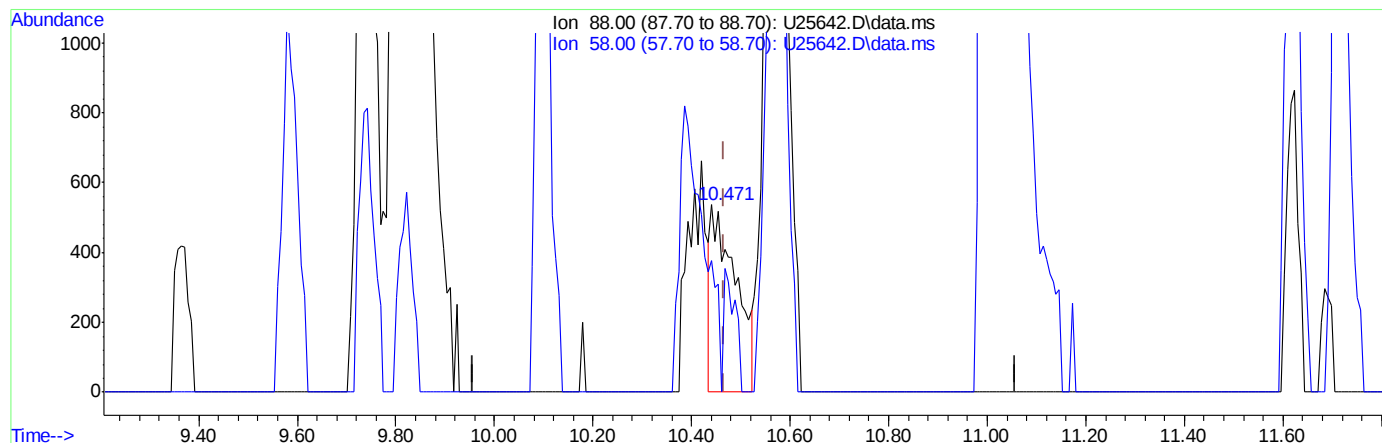
response 16771

Ion	Exp%	Act%
63.00	100	100
65.00	29.80	29.58
106.00	21.20	32.30
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25642.D
Acq On : 15 Jan 2015 8:06 pm
Operator : GaryK
Sample : icc1085-50
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jan 16 11:31:23 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(58) 1,4-dioxane (P)

10.468min (0.000) 263.49ppb m

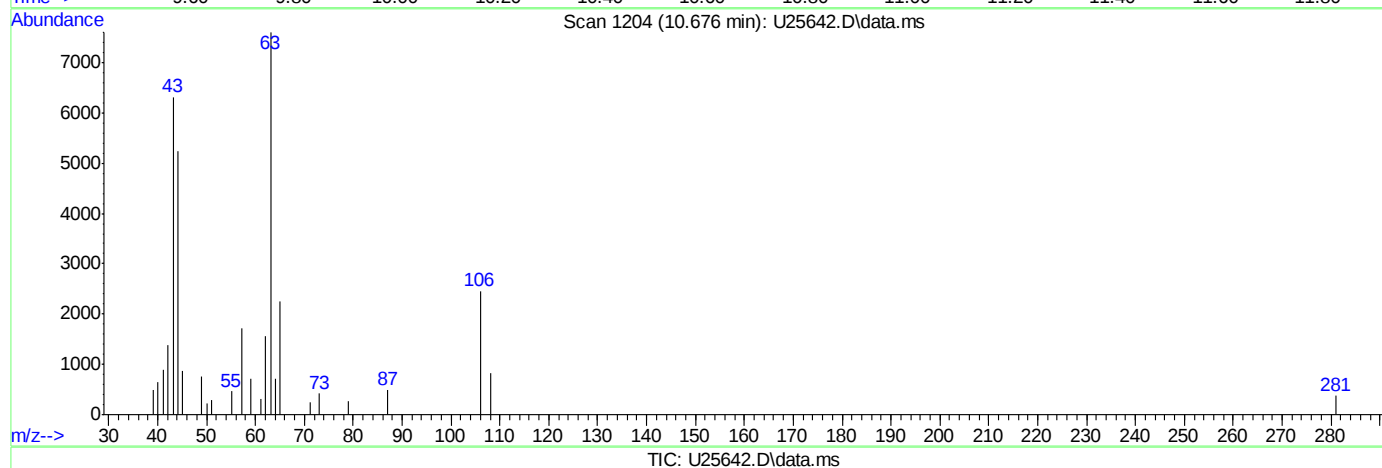
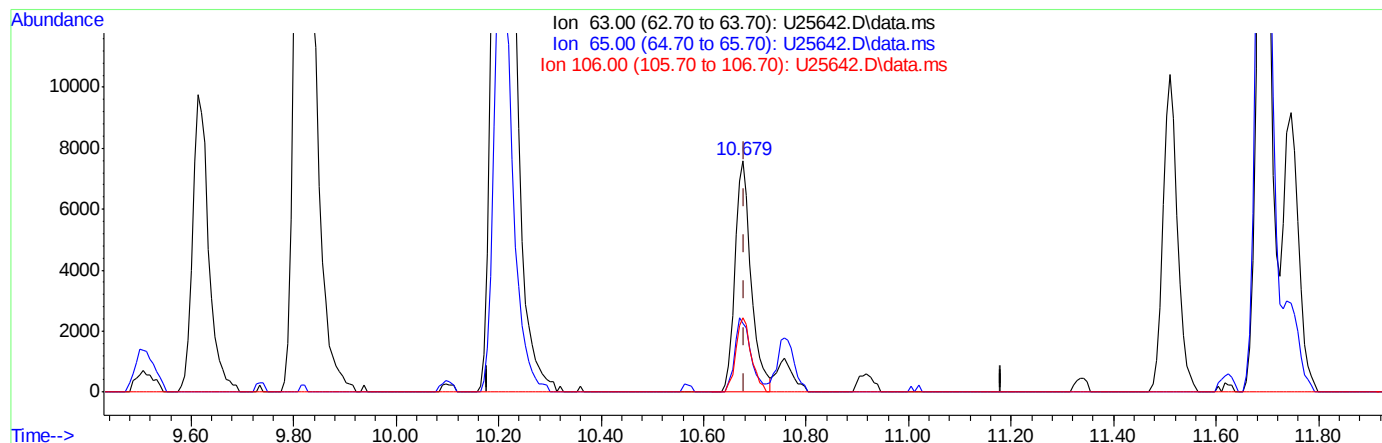
response 1856

Ion	Exp%	Act%
88.00	100	100
58.00	109.20	86.31
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25642.D
Acq On : 15 Jan 2015 8:06 pm
Operator : GaryK
Sample : icc1085-50
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jan 16 11:31:23 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(56) 2-chloroethyl vinyl ether (P)

10.676min (-0.004) 49.38ppb m

response 16771

Ion	Exp%	Act%
63.00	100	100
65.00	29.80	29.58
106.00	21.20	32.30
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150115\
 Data File : U25643.D
 Acq On : 15 Jan 2015 8:34 pm
 Operator : GaryK
 Sample : ic1085-100
 Misc : ms33699,msu1085,,,,5,1
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 16 11:46:44 2015
 Quant Method : D:\msdchem\1\methods\U150115w.m
 Quant Title : SW-846 Method 8260
 QLast Update : Fri Jan 16 08:55:23 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	6.729	65	101304	500.00	ppb	0.04
4) pentafluorobenzene	8.958	168	330443	50.00	ppb	0.00
43) 1,4-difluorobenzene	9.825	114	505646	50.00	ppb	0.00
66) chlorobenzene-d5	13.082	82	202569	50.00	ppb	# 0.00
80) 1,4-dichlorobenzene-d4	15.646	152	257867	50.00	ppb	0.00
System Monitoring Compounds						
40) dibromofluoromethane (s)	8.596	113	179585	49.73	ppb	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.46%		
60) toluene-d8 (s)	11.622	98	517009	50.86	ppb	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	101.72%		
82) bromofluorobenzene (s)	14.311	95	191416	50.20	ppb	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	100.40%		
Target Compounds						
						Qvalue
2) tertiary butyl alcohol	6.796	59	284326m	1095.24	ppb	
3) Ethanol	5.774	45	155621m	9540.97	ppb	
5) dichlorodifluoromethane	4.336	85	587493	101.43	ppb	98
6) chloromethane	4.551	50	514028	98.25	ppb	98
7) vinyl chloride	4.809	62	467523	103.63	ppb	100
8) bromomethane	5.276	96	307463	103.10	ppb	93
9) chloroethane	5.408	64	173443	101.53	ppb	97
10) ethyl ether	6.277	59	212741	101.59	ppb	82
11) acetonitrile	6.090	41	29326m	84.54	ppb	
12) trichlorofluoromethane	6.091	101	691618	104.35	ppb	99
13) freon-113	6.830	101	406630	102.17	ppb	90
14) acrolein	6.094	56	12970	458.17	ppb	92
15) 1,1-dichloroethene	6.631	96	323524	102.28	ppb	# 77
16) acetone	6.171	58	14217m	34.43	ppb	
17) Methyl Acetate	6.845	43	364455	99.01	ppb	# 63
18) methylene chloride	6.773	84	320864	101.88	ppb	# 78
19) methyl tert butyl ether	7.556	73	799557	103.15	ppb	91
20) acrylonitrile	6.731	53	108298	92.16	ppb	92
21) allyl chloride	6.861	41	454623	97.82	ppb	84
22) trans-1,2-dichloroethene	7.450	96	296990	99.79	ppb	# 71
23) iodomethane	6.687	142	727379	102.29	ppb	95
24) carbon disulfide	7.065	76	1107898	102.78	ppb	99
25) propionitrile	8.066	54	24696	111.00	ppb	100
26) vinyl acetate	7.806	43	350061	104.10	ppb	92
27) chloroprene	8.066	53	411337	101.45	ppb	85
28) di-isopropyl ether	8.107	45	841485	103.40	ppb	95
29) methacrylonitrile	8.231	41	188287	103.84	ppb	90
30) 2-butanone	8.171	72	41714	101.92	ppb	# 1
31) Ethyl Acetate	8.108	43	763102	98.10	ug/L	# 58
32) Hexane	8.088	41	416063	99.29	ppb	# 78
33) 1,1-dichloroethane	7.702	63	481560	101.72	ppb	94
34) tert-butyl ethyl ether	8.506	59	886615	103.47	ppb	86
35) isobutyl alcohol	8.513	43	157977	502.37	ppb	83
36) 2,2-dichloropropane	8.566	77	343729	99.53	ppb	90

Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150115\
 Data File : U25643.D
 Acq On : 15 Jan 2015 8:34 pm
 Operator : GaryK
 Sample : ic1085-100
 Misc : ms33699,msu1085,,,,,5,1
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 16 11:46:44 2015
 Quant Method : D:\msdchem\1\methods\U150115w.m
 Quant Title : SW-846 Method 8260
 QLast Update : Fri Jan 16 08:55:23 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) cis-1,2-dichloroethene	8.272	96	332502	101.43	ppb	# 76
38) bromochloromethane	8.438	128	213750	102.92	ppb	# 47
39) chloroform	8.476	83	531503	102.00	ppb	91
41) Tetrahydrofuran	8.849	42	95774	99.39	ppb	88
42) 1,1,1-trichloroethane	9.232	97	521312	101.61	ppb	95
44) Cyclohexane	9.518	56	503431	100.86	ppb	# 80
45) carbon tetrachloride	9.594	117	520297	101.40	ppb	96
46) 1,1-dichloropropene	9.399	75	371809	100.15	ppb	89
47) benzene	9.623	78	1009828	101.32	ppb	99
48) 1,2-dichloroethane	9.136	62	438568	110.41	ppb	96
49) tert-amyl methyl ether	9.749	73	798351	101.24	ppb	96
50) heptane	10.104	43	318687m	99.22	ppb	
51) trichloroethene	10.244	95	334490	101.92	ppb	73
52) 1,2-dichloropropane	10.211	63	260063	104.37	ppb	95
53) dibromomethane	10.186	93	207148	100.78	ppb	84
54) bromodichloromethane	10.299	83	426699	103.14	ppb	97
55) Methylcyclohexane	10.766	83	471296	100.37	ppb	# 81
56) 2-chloroethyl vinyl ether	10.676	63	51149m	146.05	ppb	
57) methyl methacrylate	10.400	69	158806	107.19	ppb	84
58) 1,4-dioxane	10.440	88	5047m	694.90	ppb	
59) cis-1,3-dichloropropene	10.918	75	421768	104.47	ppb	84
61) 4-methyl-2-pentanone	11.023	43	281140	105.46	ppb	94
62) toluene	11.694	92	644633	104.79	ppb	95
63) trans-1,3-dichloropropene	11.340	75	351511	104.37	ppb	92
64) 1,1,2-trichloroethane	11.513	83	191876	104.32	ppb	94
65) ethyl methacrylate	11.719	69	281106	105.40	ppb	87
67) tetrachloroethene	12.437	166	334492	105.68	ppb	97
68) 1,3-dichloropropane	11.747	76	347248	106.01	ppb	96
69) dibromochloromethane	12.038	129	385833	106.46	ppb	96
70) 1,2-dibromoethane	12.290	107	275045	104.78	ppb	99
71) 2-hexanone	11.883	43	149555	99.98	ppb	97
72) chlorobenzene	13.117	112	816673	106.95	ppb	88
73) 1,1,1,2-tetrachloroethane	13.037	131	380191	105.40	ppb	99
74) ethylbenzene	13.293	91	1211056	105.92	ppb	91
75) m,p-xylene	13.477	106	1034497	215.78	ppb	86
76) o-xylene	13.890	106	566166	106.75	ppb	87
77) styrene	13.817	104	802198	108.63	ppb	94
78) bromoform	13.645	173	238149	106.16	ppb	99
79) trans-1,4-dichloro-2-b...	14.044	53	73852	97.97	ppb	# 46
81) isopropylbenzene	14.254	105	1496880	103.10	ppb	95
83) bromobenzene	14.541	156	397091	103.30	ppb	# 74
84) 1,1,2,2-tetrachloroethane	13.896	83	333753	101.35	ppb	96
85) 1,2,3-trichloropropane	14.045	75	331471	99.28	ppb	99
86) n-propylbenzene	14.700	91	1525721	101.34	ppb	90
87) 2-chlorotoluene	14.817	91	983522	104.38	ppb	81
88) 4-chlorotoluene	14.893	91	919870	103.69	ppb	84
89) 1,3,5-trimethylbenzene	14.977	105	1382678	104.36	ppb	92
90) tert-butylbenzene	15.282	91	808324	103.91	ppb	84
91) 1,2,4-trimethylbenzene	15.386	105	1419952	104.03	ppb	96
92) sec-butylbenzene	15.505	105	1791466	101.98	ppb	93

Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25643.D
Acq On : 15 Jan 2015 8:34 pm
Operator : GaryK
Sample : ic1085-100
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 16 11:46:44 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,3-dichlorobenzene	15.607	146	782773	103.04	ppb	98
94) p-isopropyltoluene	15.677	119	1631280	101.83	ppb	95
95) 1,4-dichlorobenzene	15.674	146	797741	101.38	ppb	99
96) 1,2-dichlorobenzene	16.043	146	882087	103.13	ppb	97
97) n-butylbenzene	16.096	91	1285815	98.46	ppb	86
98) 1,2-dibromo-3-chloropr...	16.523	75	86295	96.10	ppb #	68
99) 1,3,5-trichlorobenzene	17.334	180	763932	94.84	ug/L	96
100) 1,2,4-trichlorobenzene	17.873	180	748372	93.34	ppb	92
101) hexachlorobutadiene	18.161	225	306922	94.79	ppb	93
102) naphthalene	18.138	128	2188696	97.63	ppb	100
103) 2-Methylnaphthalene	19.501	142	668542	49.11	ug/L	96
104) 1-Methylnaphthalene	19.749	142	510550	49.23	ug/L	98
105) 1,2,3-trichlorobenzene	18.345	180	740971	94.69	ppb	96

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

7.6.20

7

(QT Reviewed)

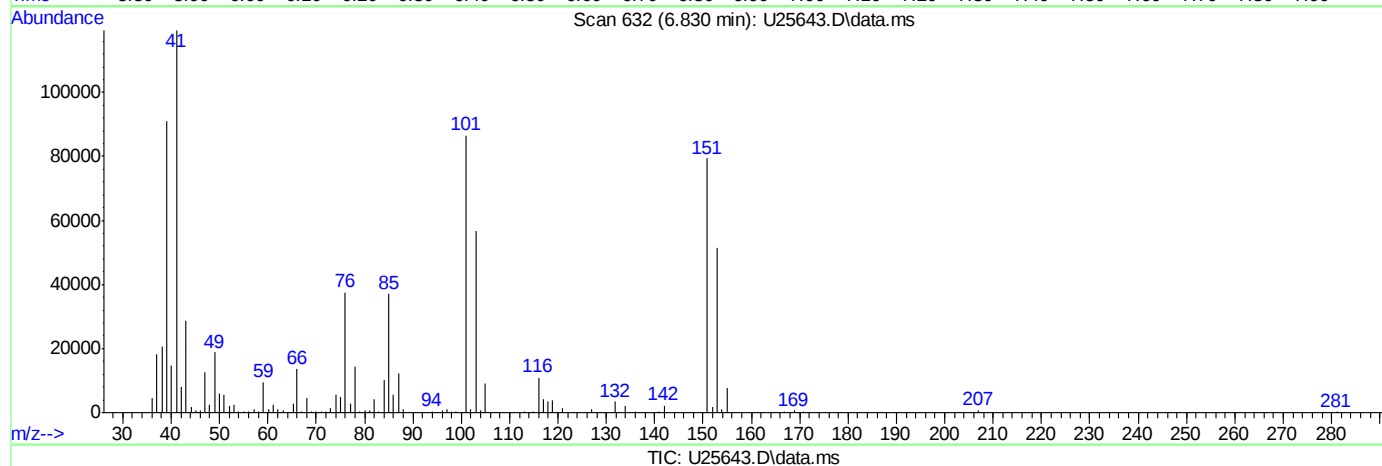
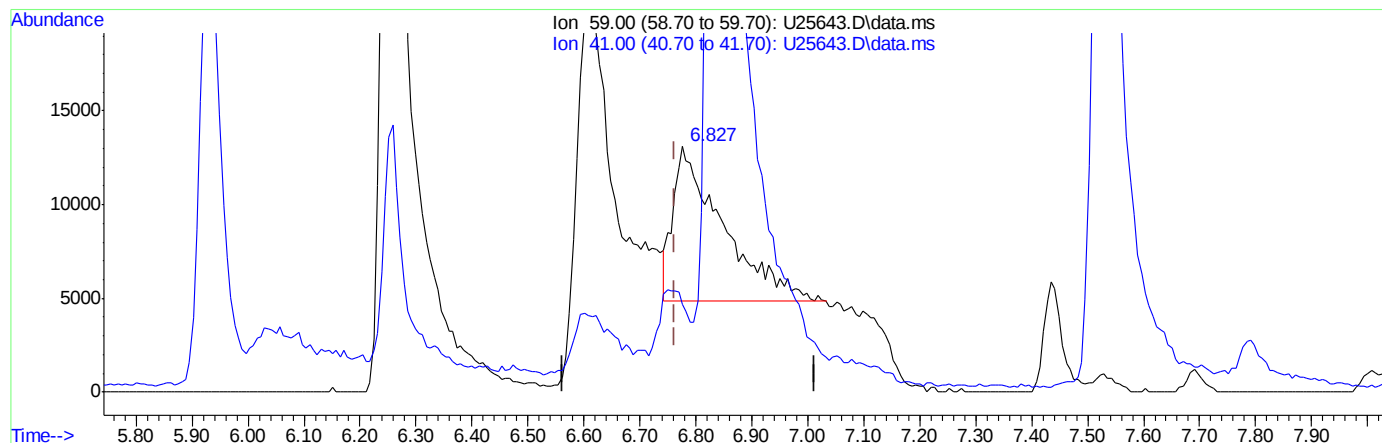
Quant Time: Jan 16 11:46:44 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25643.D
Acq On : 15 Jan 2015 8:34 pm
Operator : GaryK
Sample : ic1085-100
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 16 09:30:13 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(2) tertiary butyl alcohol (P)

6.827min (+0.064) 197.05ppb

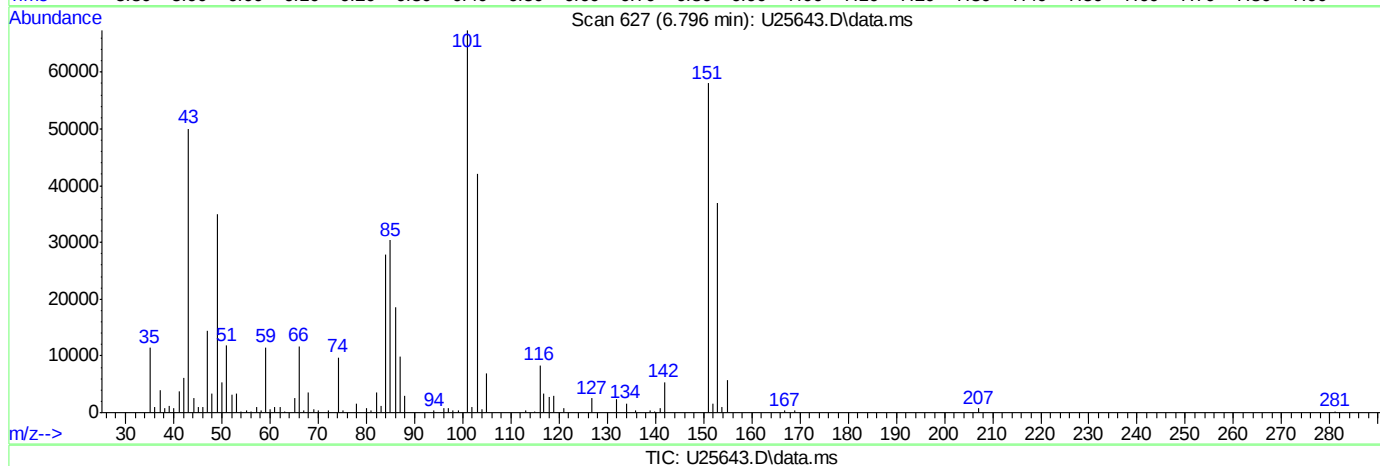
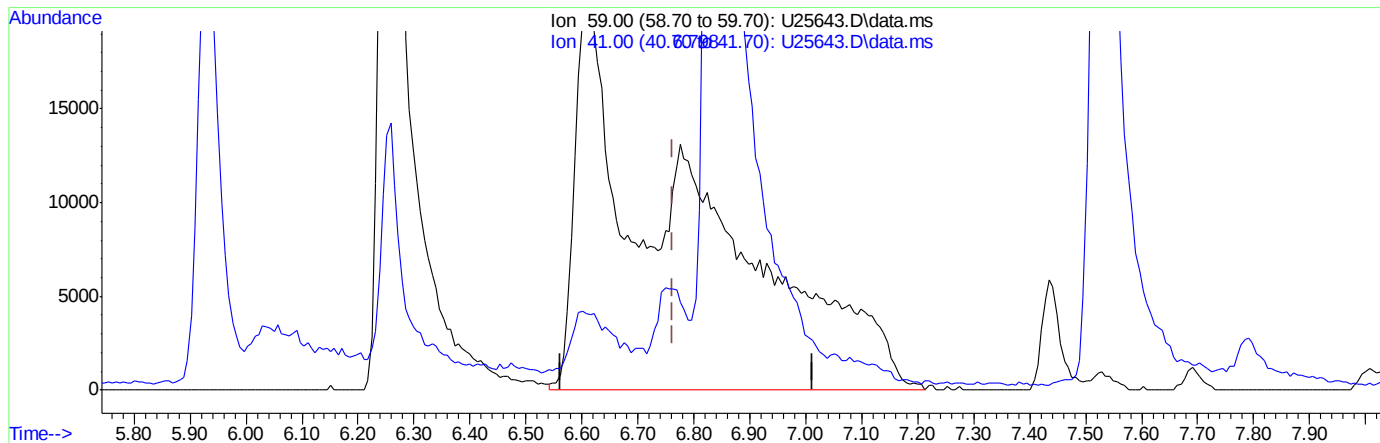
response 51154

Ion	Exp%	Act%
59.00	100	100
41.00	23.90	2453.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25643.D
Acq On : 15 Jan 2015 8:34 pm
Operator : GaryK
Sample : ic1085-100
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 16 09:30:13 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(2) tertiary butyl alcohol (P)

6.796min (+0.033) 1095.24ppb m

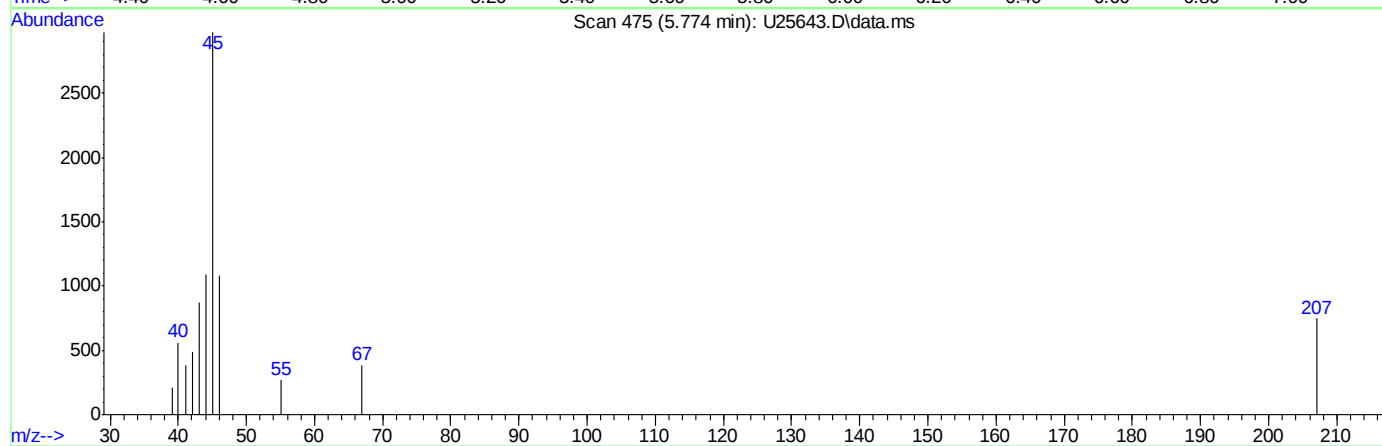
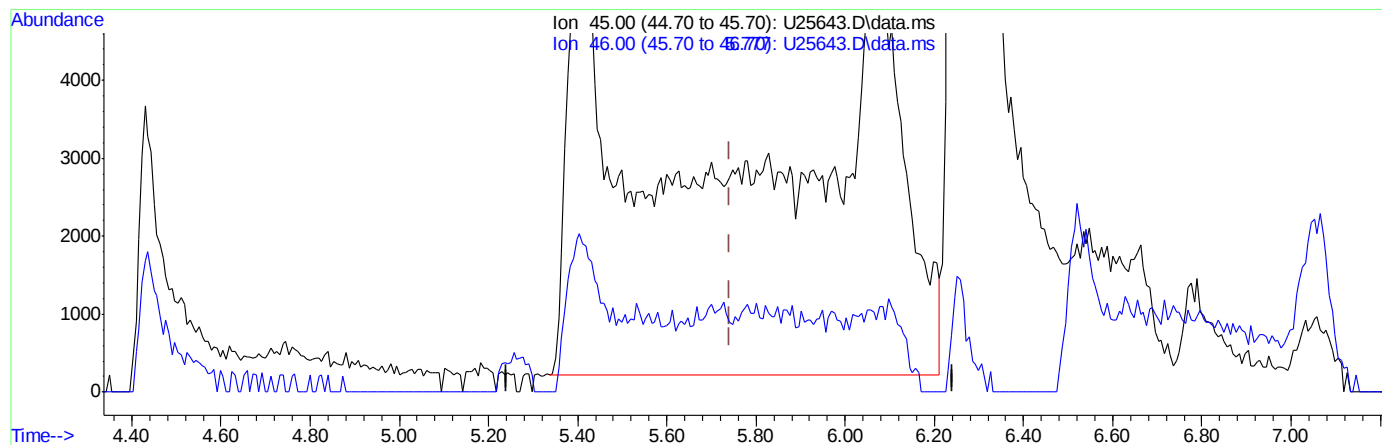
response 284326

Ion	Exp%	Act%
59.00	100	100
41.00	23.90	32.15
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25643.D
Acq On : 15 Jan 2015 8:34 pm
Operator : GaryK
Sample : ic1085-100
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 16 09:30:13 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(3) Ethanol (P)

5.777min (+0.036) 8864.73ppb

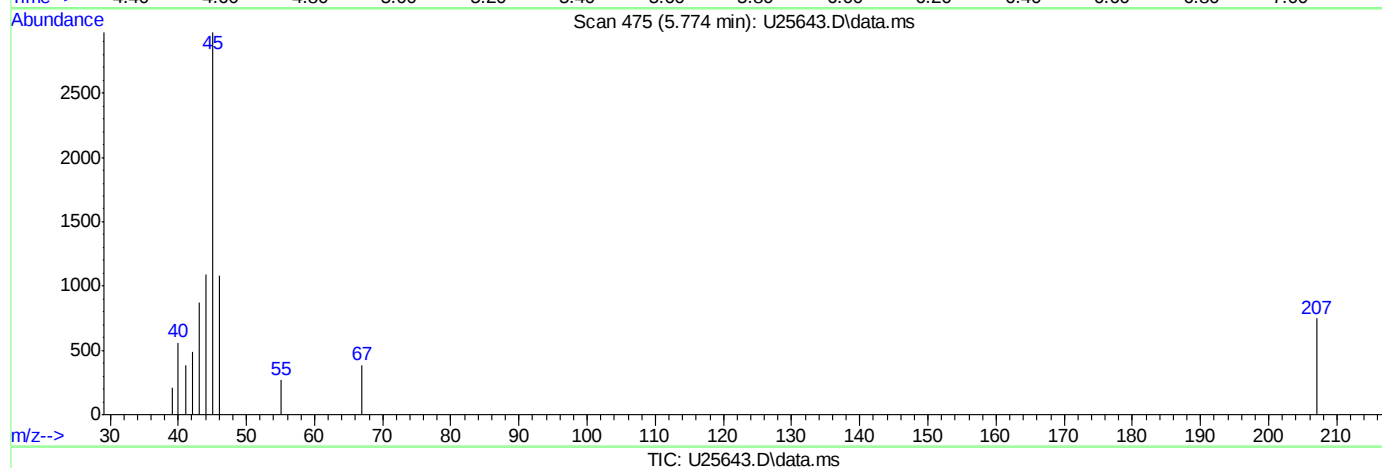
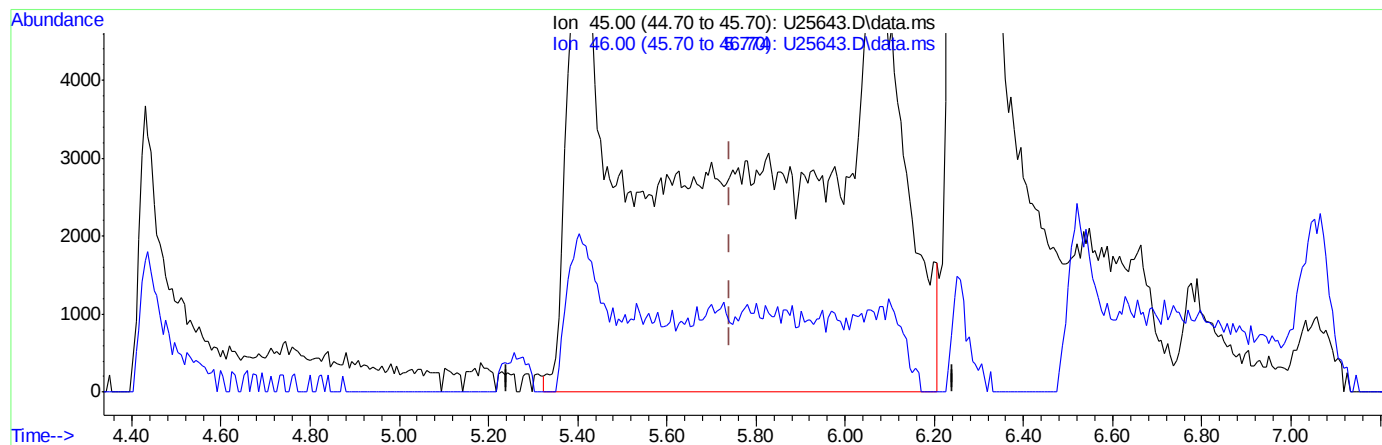
response 144591

Ion	Exp%	Act%
45.00	100	100
46.00	35.30	39.18
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25643.D
Acq On : 15 Jan 2015 8:34 pm
Operator : GaryK
Sample : ic1085-100
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 16 09:30:13 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(3) Ethanol (P)

5.774min (+0.033) 9540.97ppb m

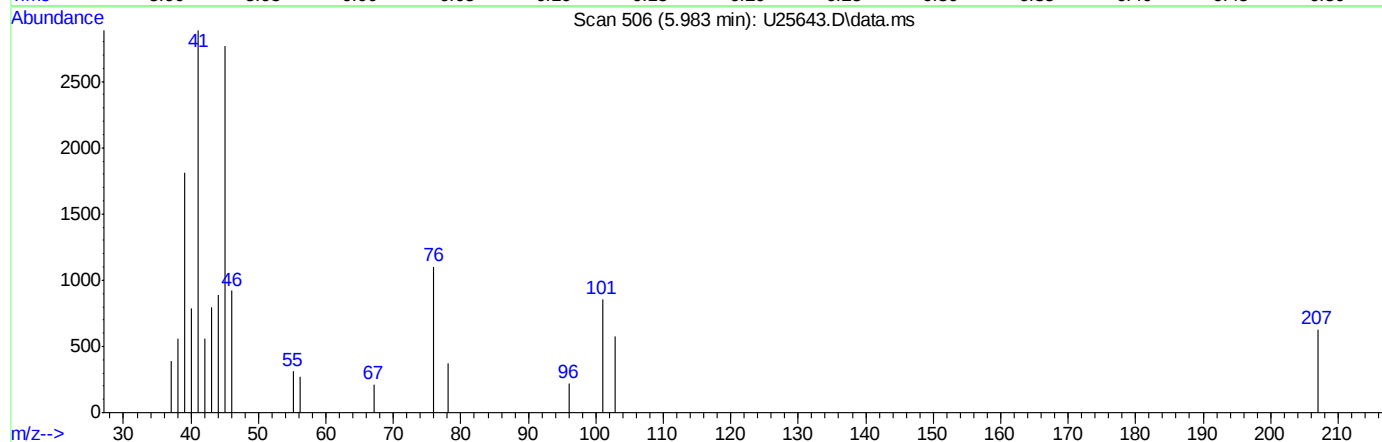
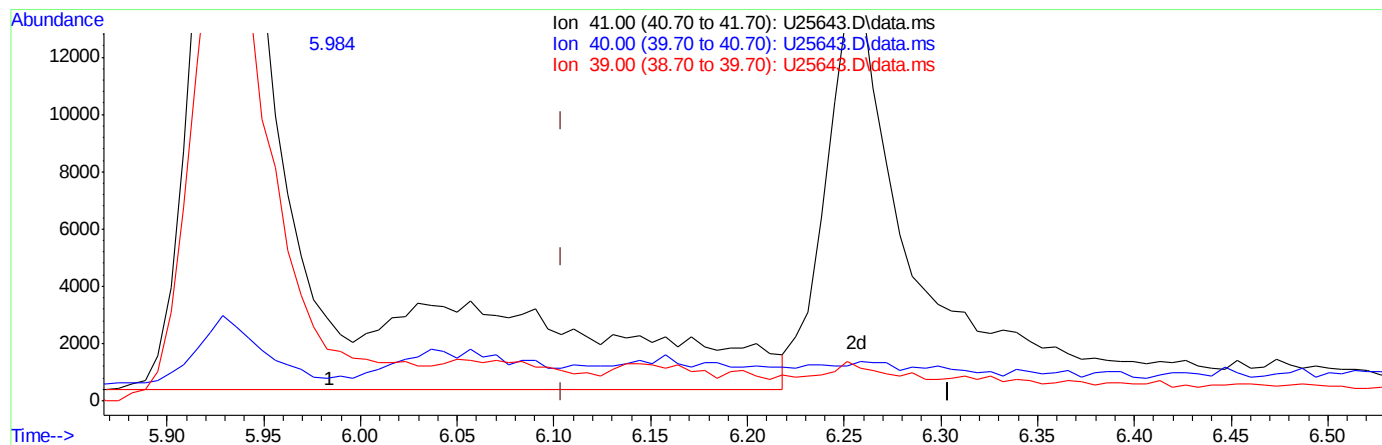
response 155621

Ion	Exp%	Act%
45.00	100	100
46.00	35.30	36.31
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25643.D
Acq On : 15 Jan 2015 8:34 pm
Operator : GaryK
Sample : ic1085-100
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 16 09:30:13 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(11) acetonitrile (P)

5.984min (-0.120) 269.78ppb

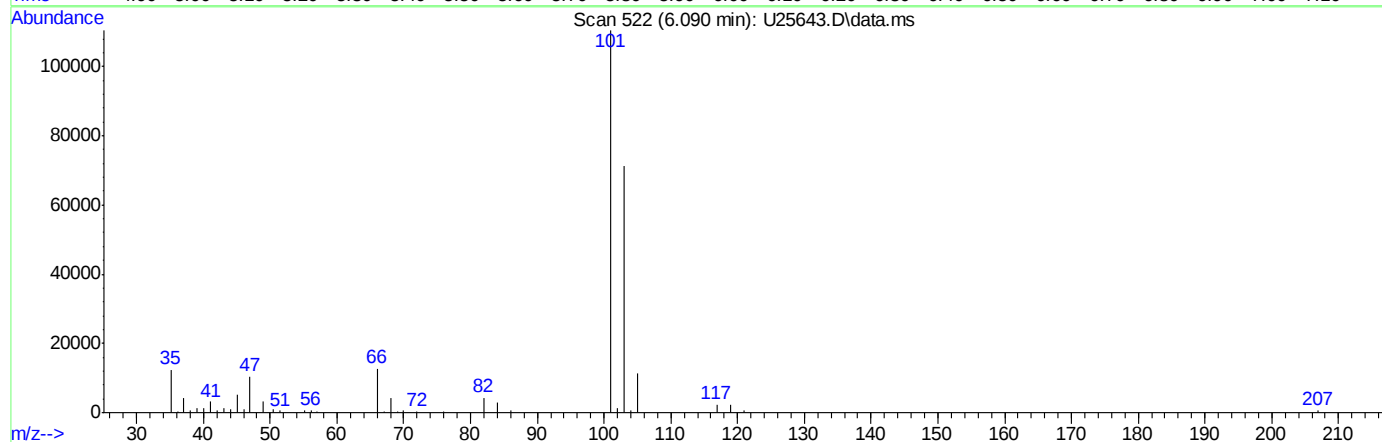
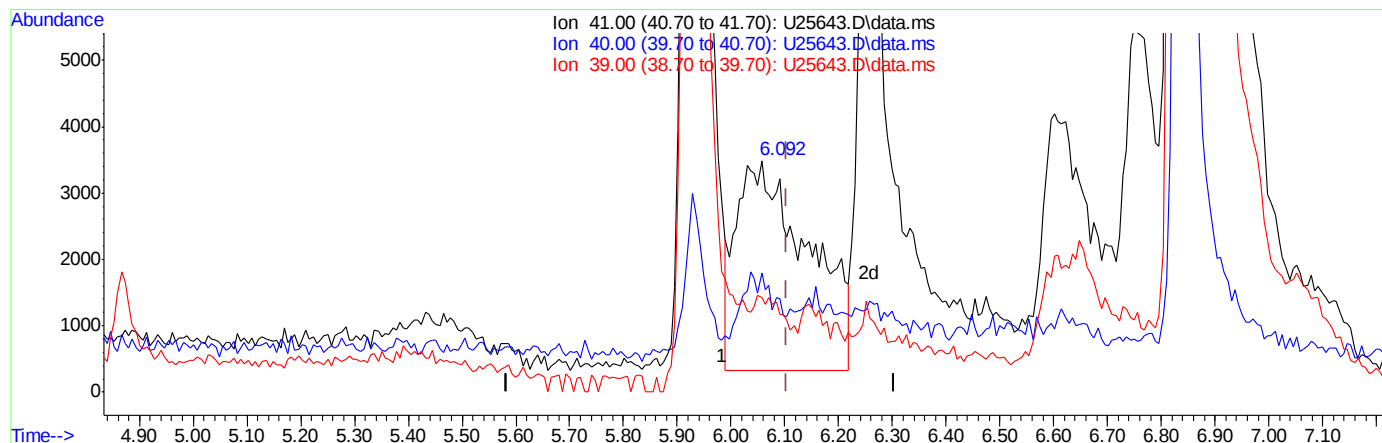
response 93579

Ion	Exp%	Act%
41.00	100	100
40.00	92.30	7.45#
39.00	24.50	72.44#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25643.D
Acq On : 15 Jan 2015 8:34 pm
Operator : GaryK
Sample : ic1085-100
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 16 09:30:13 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25643.D\data.ms

(11) acetonitrile (P)

6.090min (-0.014) 84.54ppb m

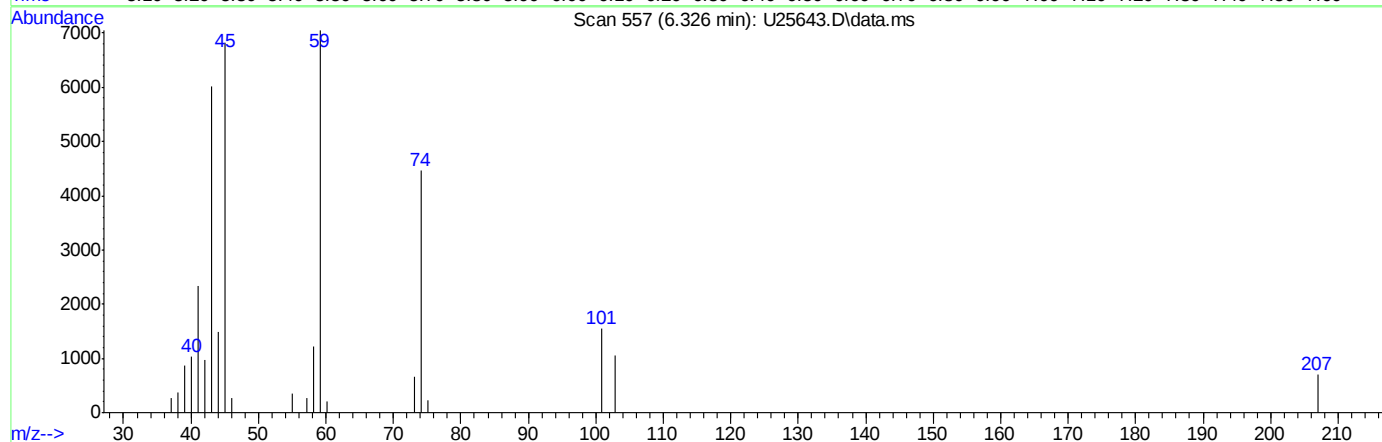
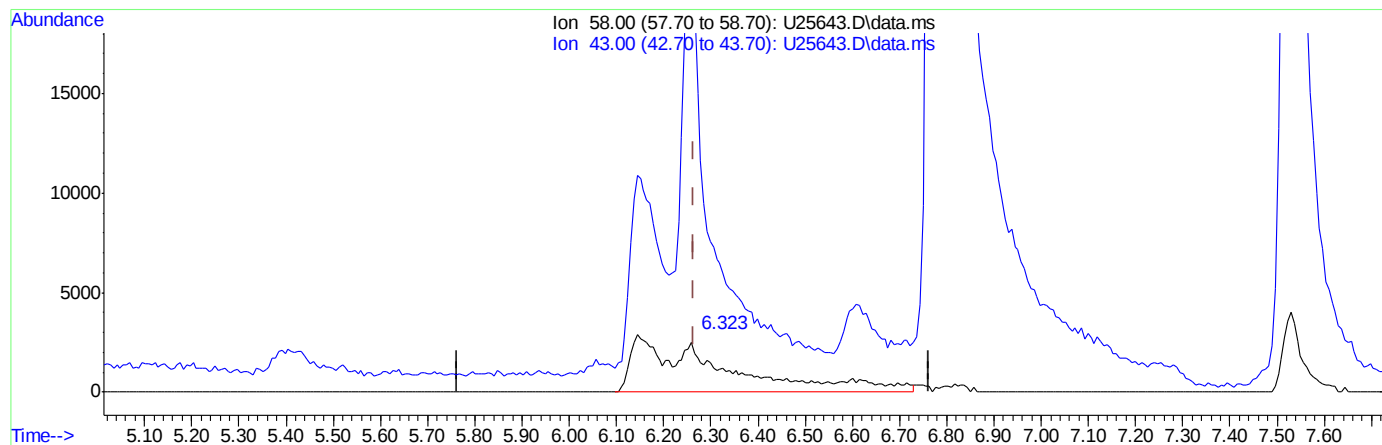
response 29326

Ion	Exp%	Act%
41.00	100	100
40.00	92.30	43.75#
39.00	24.50	36.40
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25643.D
Acq On : 15 Jan 2015 8:34 pm
Operator : GaryK
Sample : ic1085-100
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 16 09:30:13 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(16) acetone (P)

6.323min (+0.059) 89.38ppb

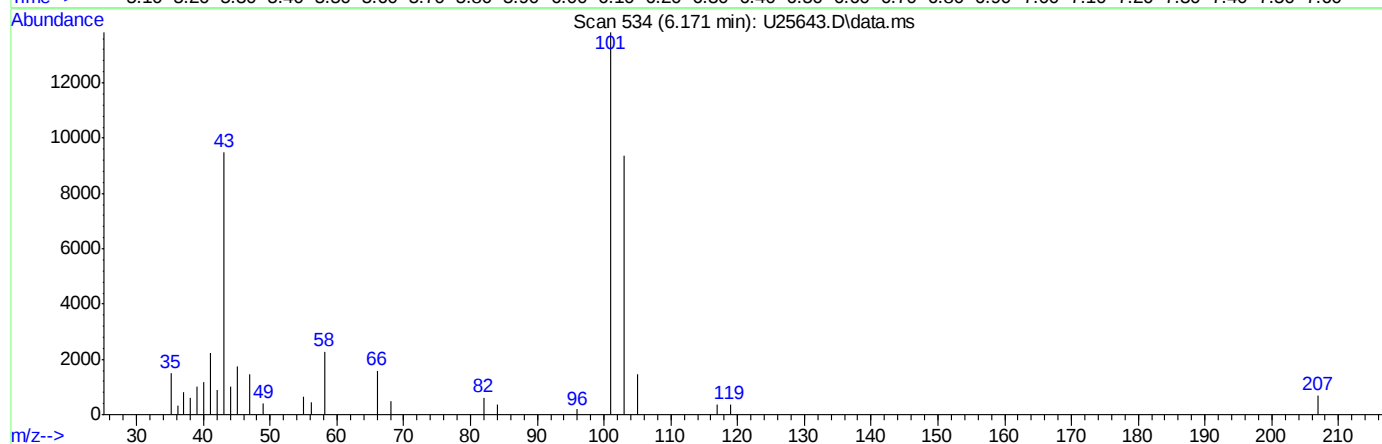
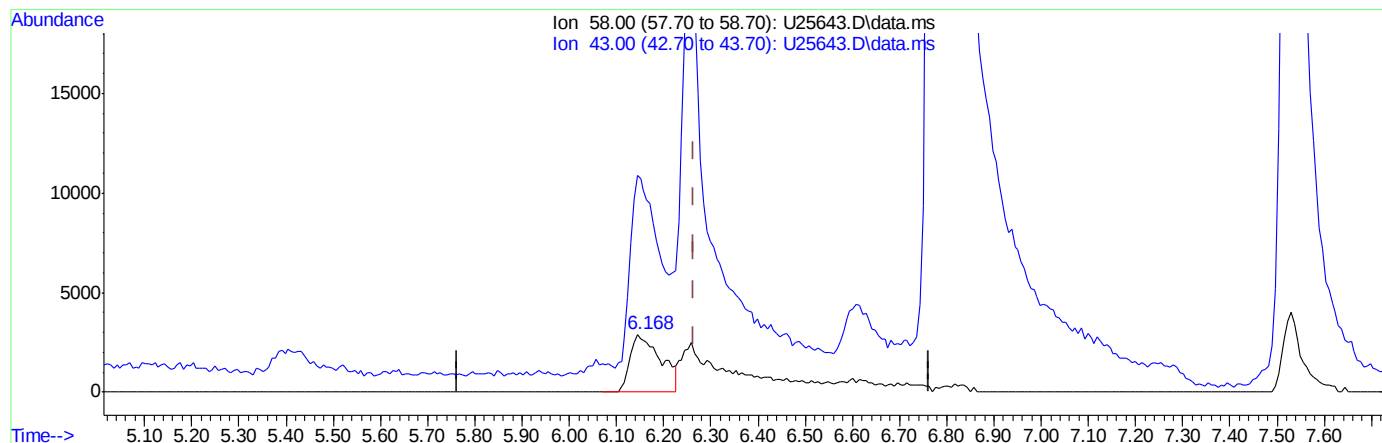
response 36908

Ion	Exp%	Act%
58.00	100	100
43.00	308.80	394.58#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25643.D
Acq On : 15 Jan 2015 8:34 pm
Operator : GaryK
Sample : ic1085-100
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 16 09:30:13 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(16) acetone (P)

6.171min (-0.093) 31.31ppb m

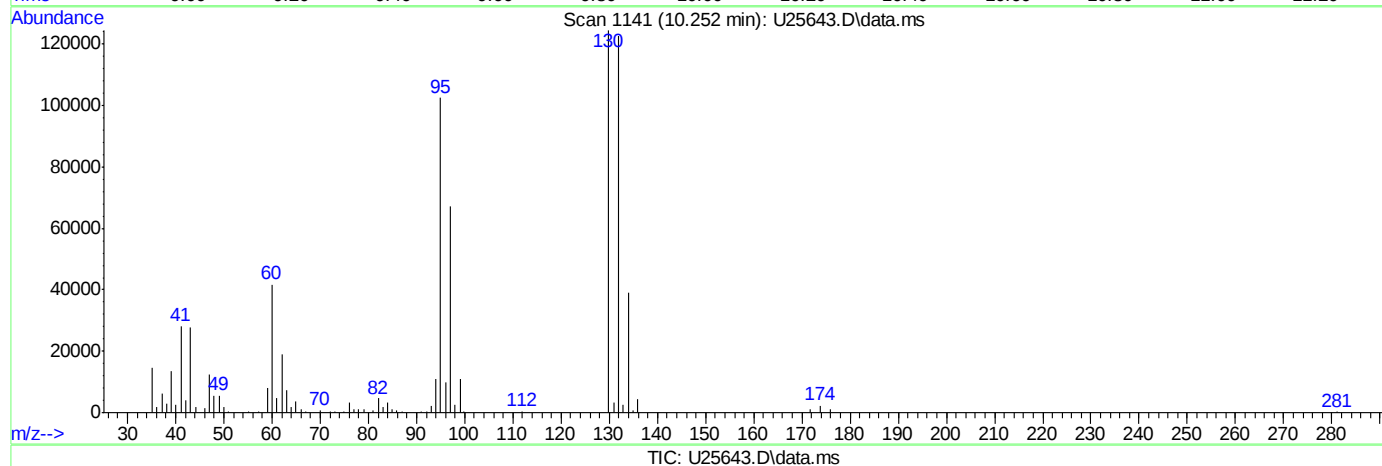
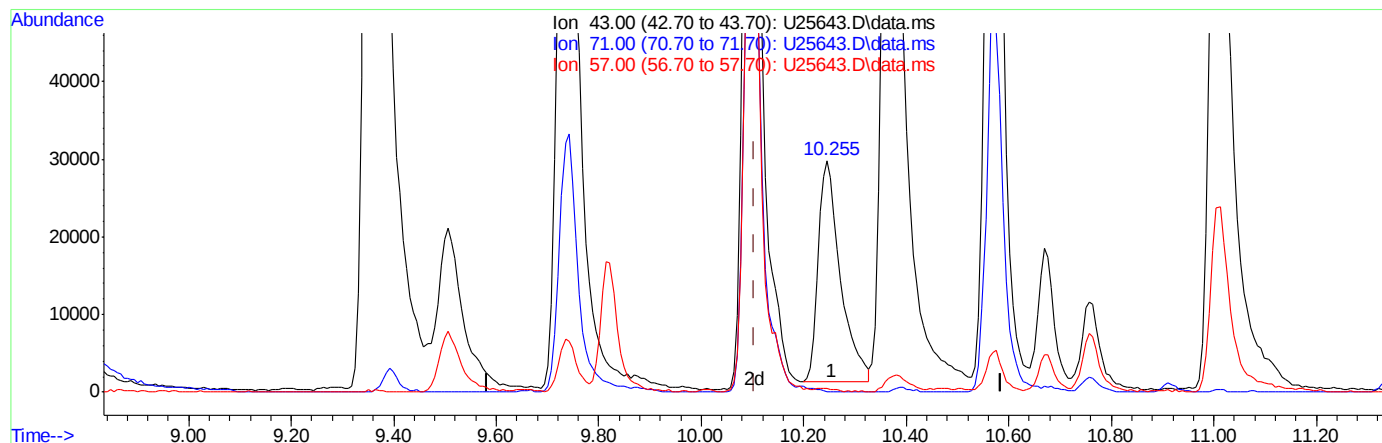
response 12930

Ion	Exp%	Act%
58.00	100	100
43.00	308.80	414.85#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25643.D
Acq On : 15 Jan 2015 8:34 pm
Operator : GaryK
Sample : ic1085-100
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 16 09:30:13 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(50) heptane (P)

10.255min (+0.151) 26.83ppb

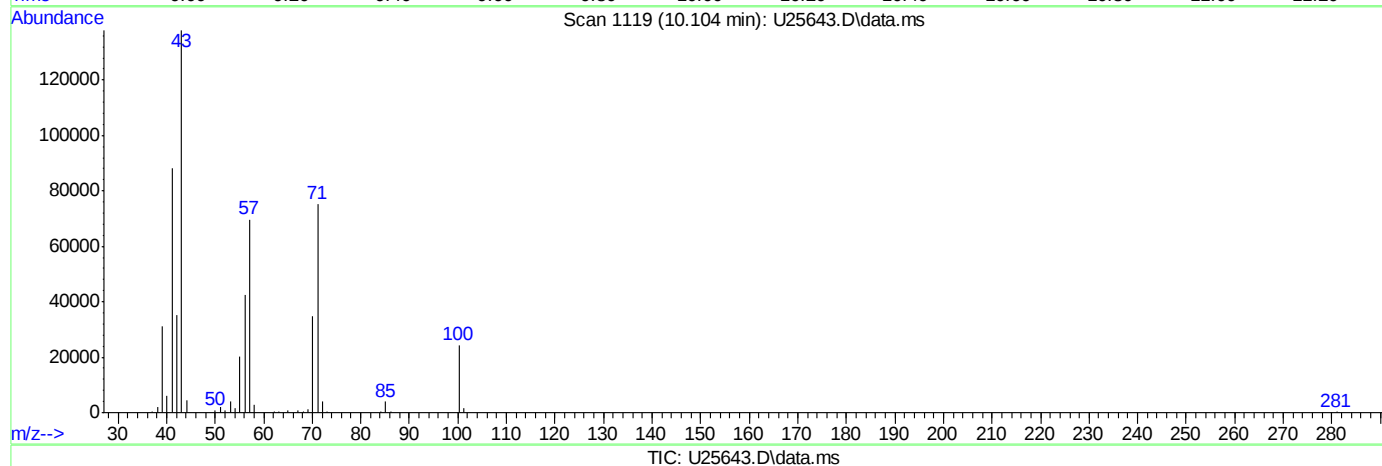
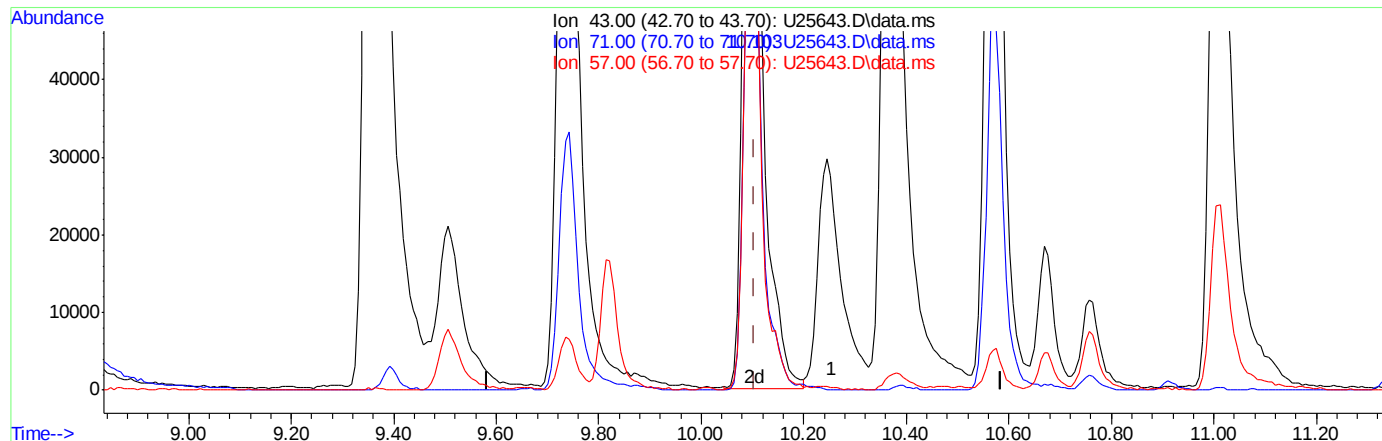
response 86182

Ion	Exp%	Act%
43.00	100	100
71.00	26.10	0.00
57.00	5.80	1.25
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25643.D
Acq On : 15 Jan 2015 8:34 pm
Operator : GaryK
Sample : ic1085-100
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 16 09:30:13 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(50) heptane (P)

10.104min (-0.000) 99.22ppb m

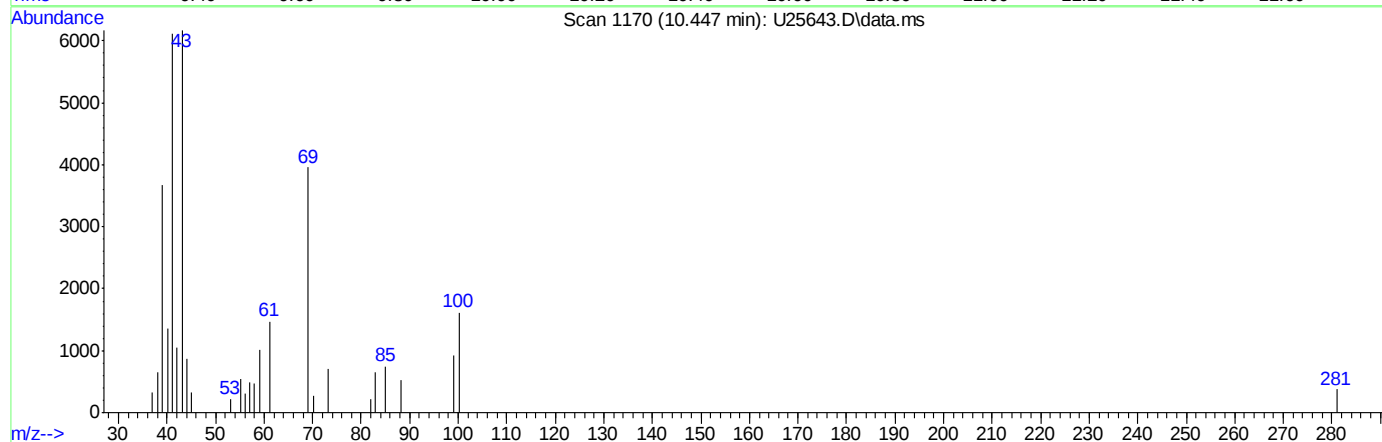
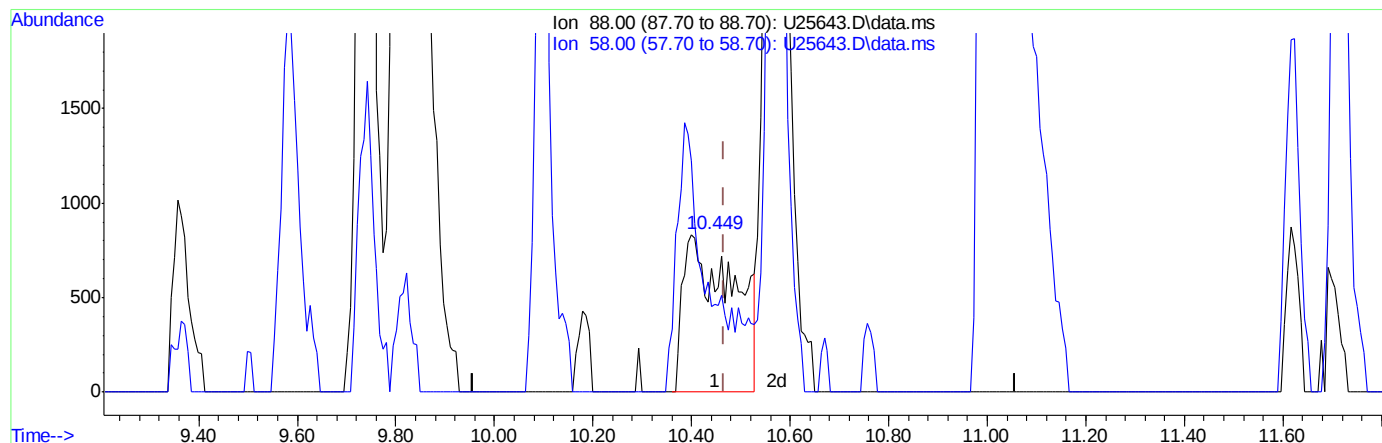
response 318687

Ion	Exp%	Act%
43.00	100	100
71.00	26.10	54.63
57.00	5.80	50.45#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25643.D
Acq On : 15 Jan 2015 8:34 pm
Operator : GaryK
Sample : ic1085-100
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 16 09:30:13 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25643.D\data.ms

(58) 1,4-dioxane (P)

10.449min (-0.018) 794.31ppb

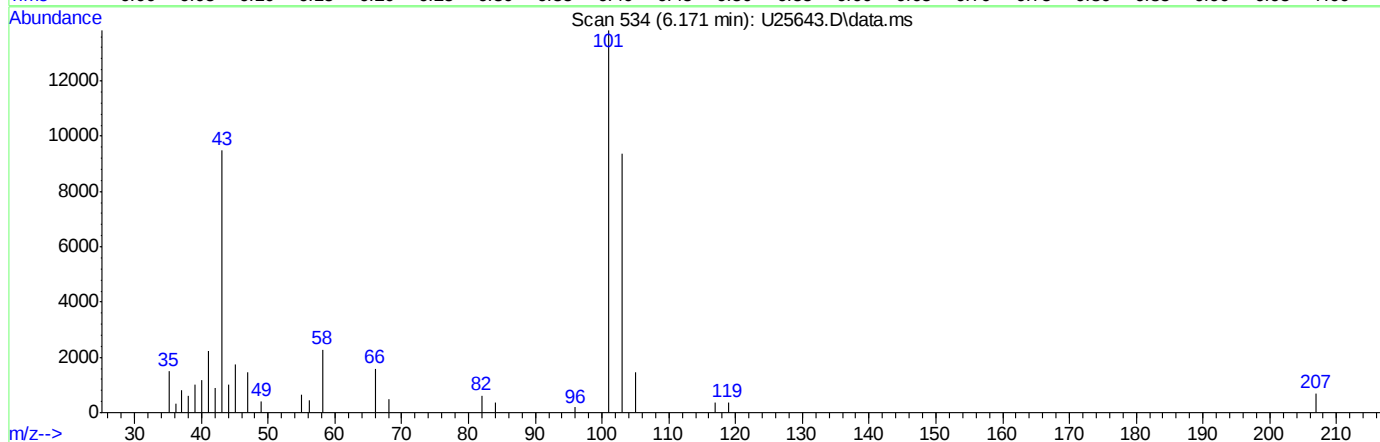
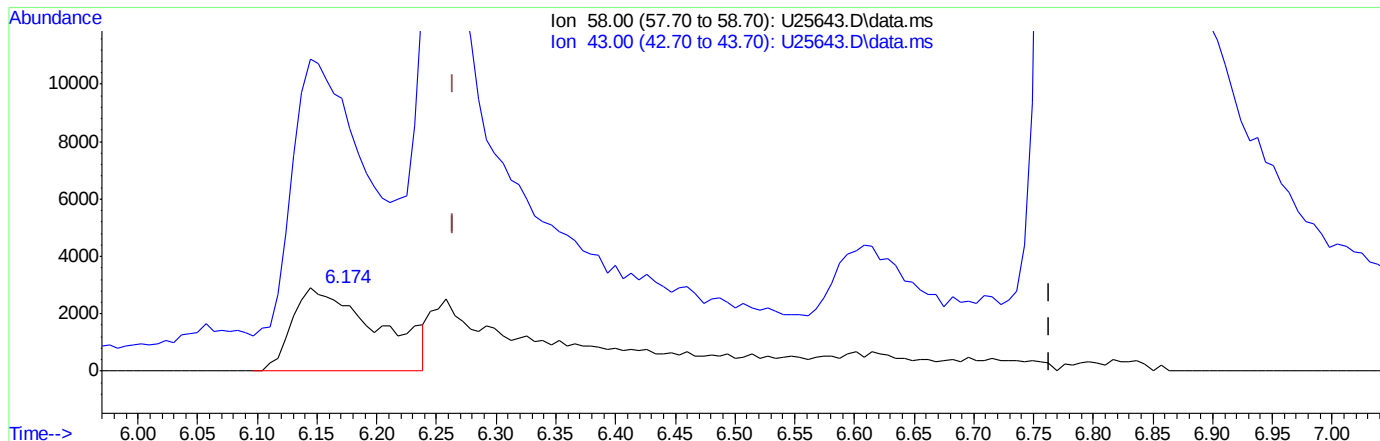
response 5769

Ion	Exp%	Act%
88.00	100	100
58.00	109.20	24.62#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25643.D
Acq On : 15 Jan 2015 8:34 pm
Operator : GaryK
Sample : ic1085-100
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 16 09:34:02 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25643.D\data.ms

(16) acetone (P)

6.171min (-0.093) 34.43ppb m

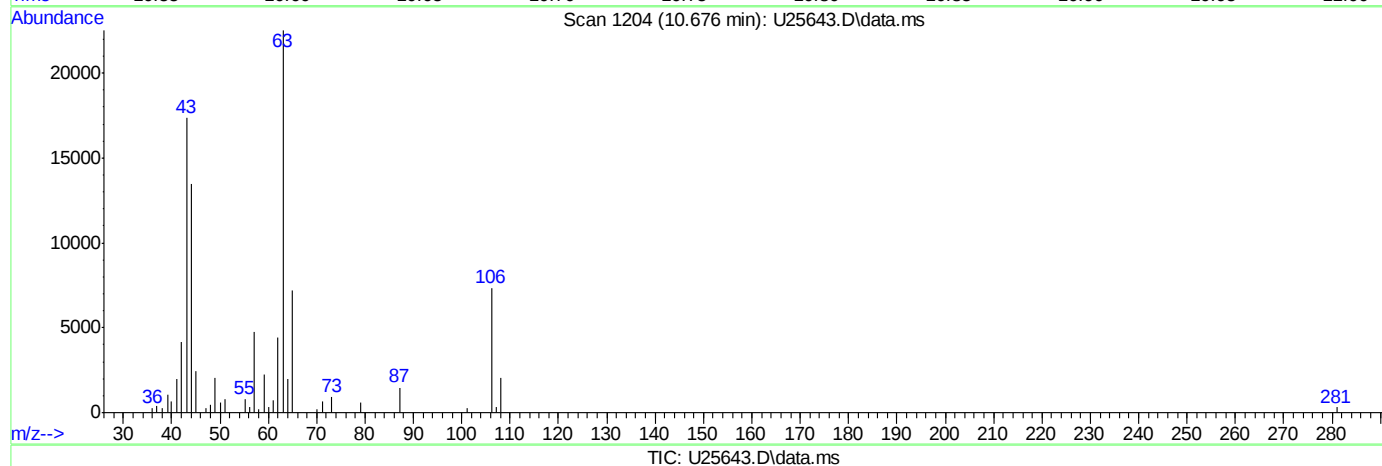
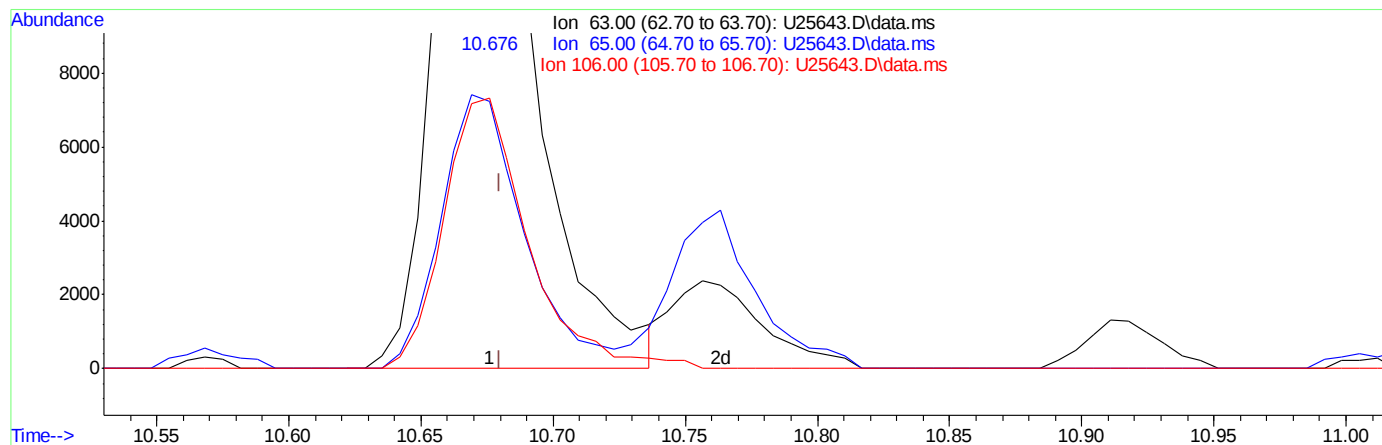
response 14217

Ion	Exp%	Act%
58.00	100	100
43.00	308.80	414.85#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25643.D
Acq On : 15 Jan 2015 8:34 pm
Operator : GaryK
Sample : ic1085-100
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 16 11:35:58 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(56) 2-chloroethyl vinyl ether (P)

10.676min (-0.004) 147.44ppb

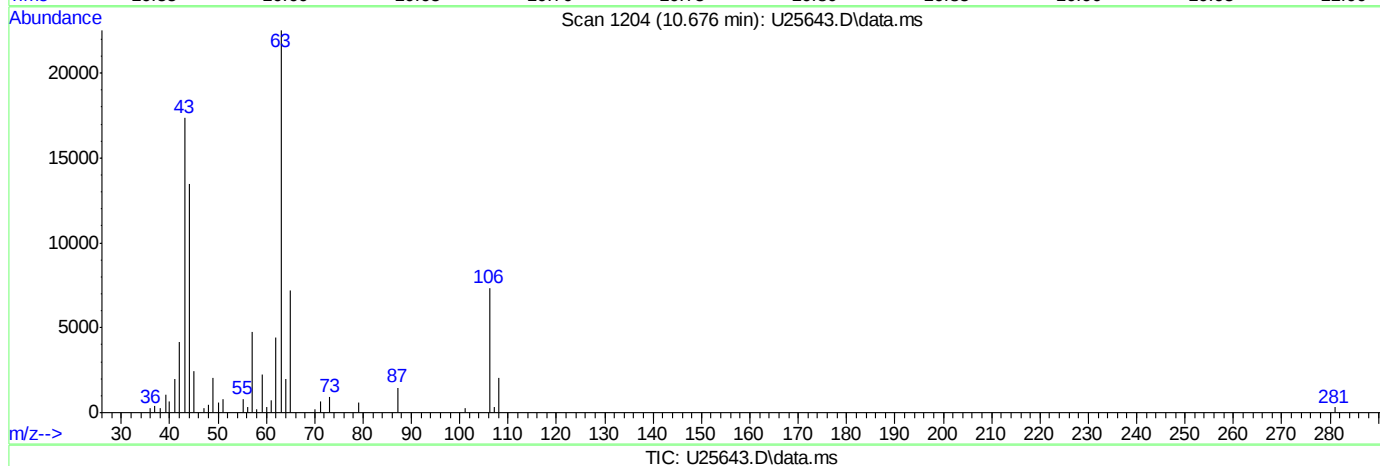
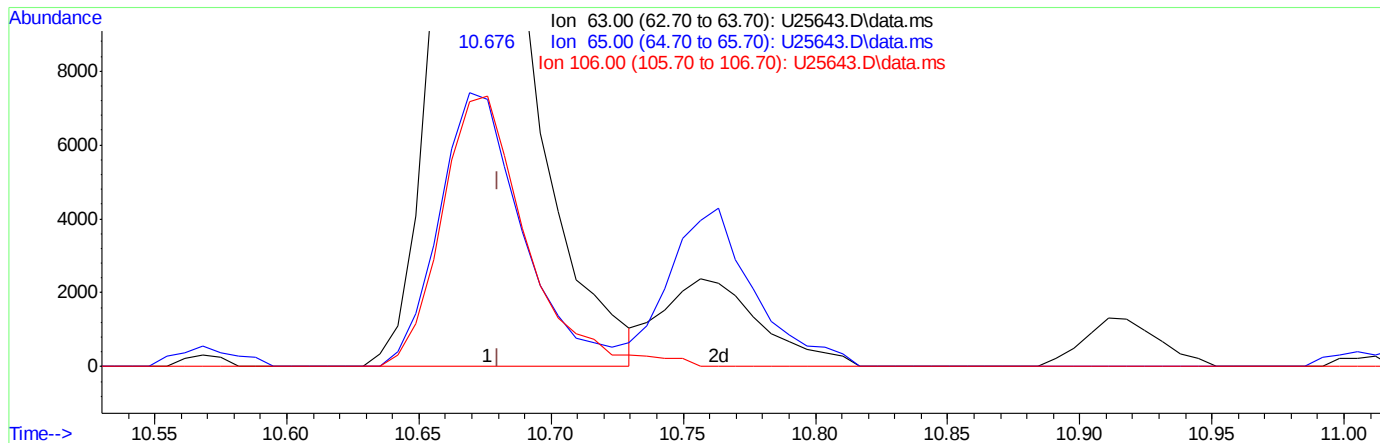
response 51635

Ion	Exp%	Act%
63.00	100	100
65.00	29.80	32.12
106.00	21.20	32.60
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25643.D
Acq On : 15 Jan 2015 8:34 pm
Operator : GaryK
Sample : ic1085-100
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 16 11:35:58 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(56) 2-chloroethyl vinyl ether (P)

10.676min (-0.004) 146.05ppb m

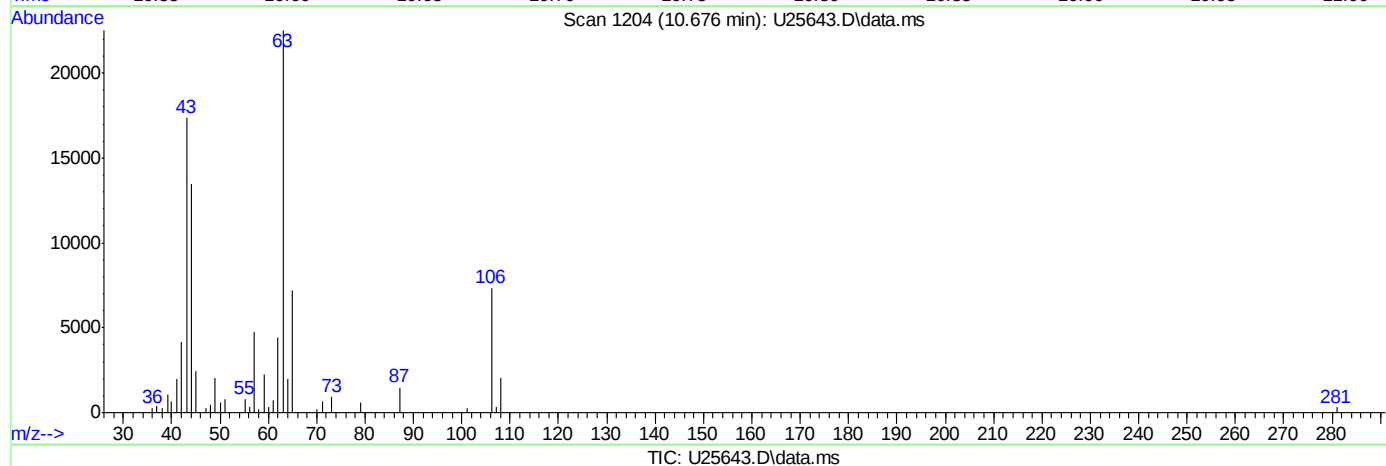
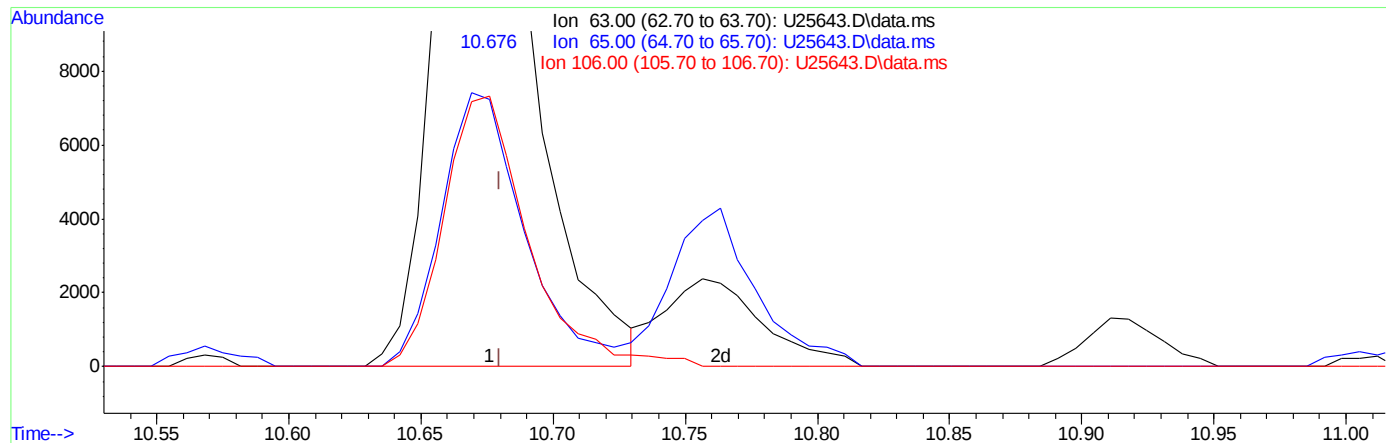
response 51149

Ion	Exp%	Act%
63.00	100	100
65.00	29.80	32.12
106.00	21.20	32.60
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25643.D
Acq On : 15 Jan 2015 8:34 pm
Operator : GaryK
Sample : ic1085-100
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 16 11:35:58 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(56) 2-chloroethyl vinyl ether (P)

10.676min (-0.004) 146.05ppb m

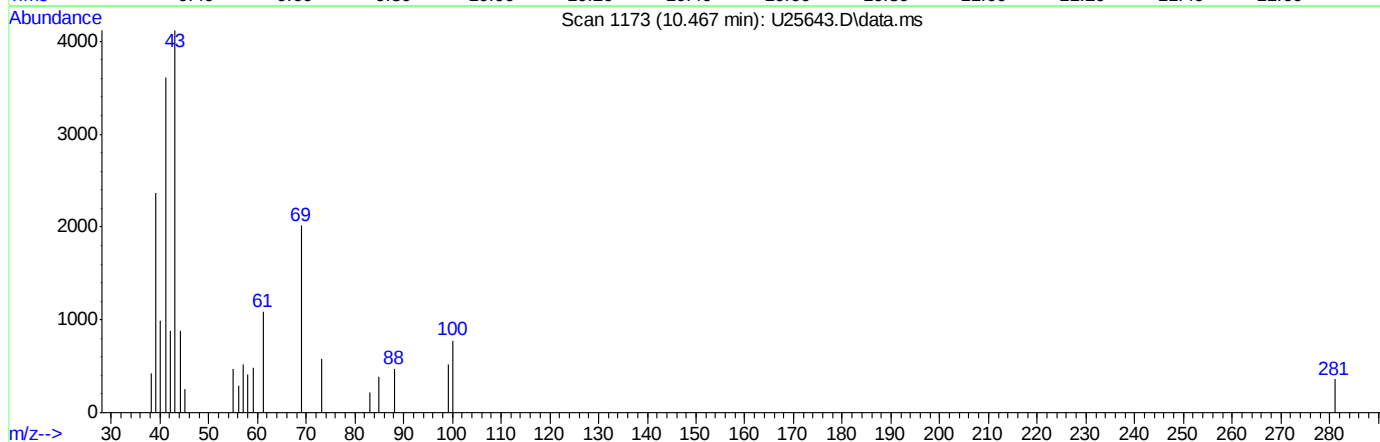
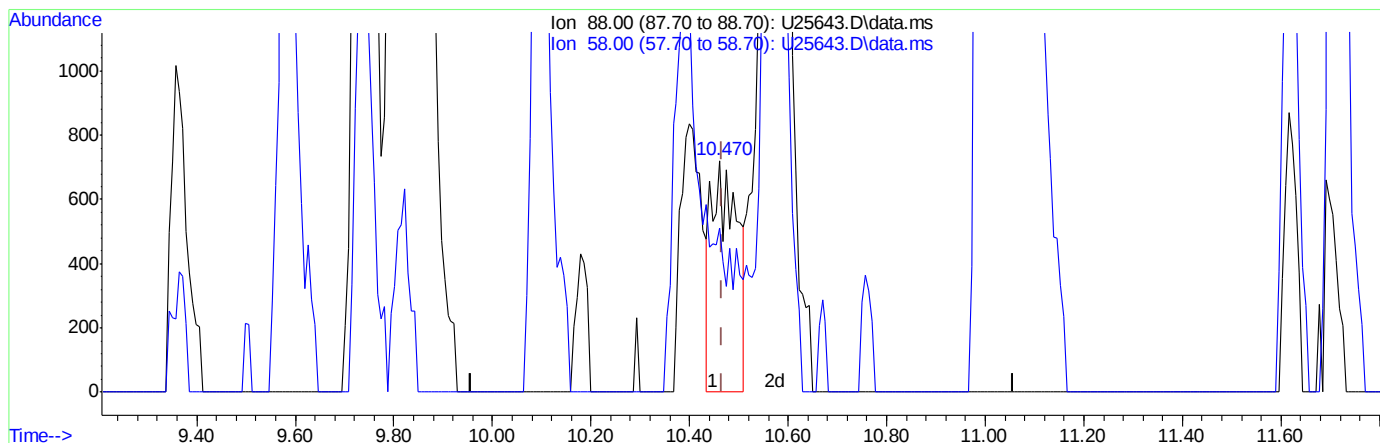
response 51149

Ion	Exp%	Act%
63.00	100	100
65.00	29.80	32.12
106.00	21.20	32.60
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25643.D
Acq On : 15 Jan 2015 8:34 pm
Operator : GaryK
Sample : ic1085-100
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 16 11:35:58 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25643.D\data.ms

(58) 1,4-dioxane (P)

10.467min (-0.000) 351.37ppb m

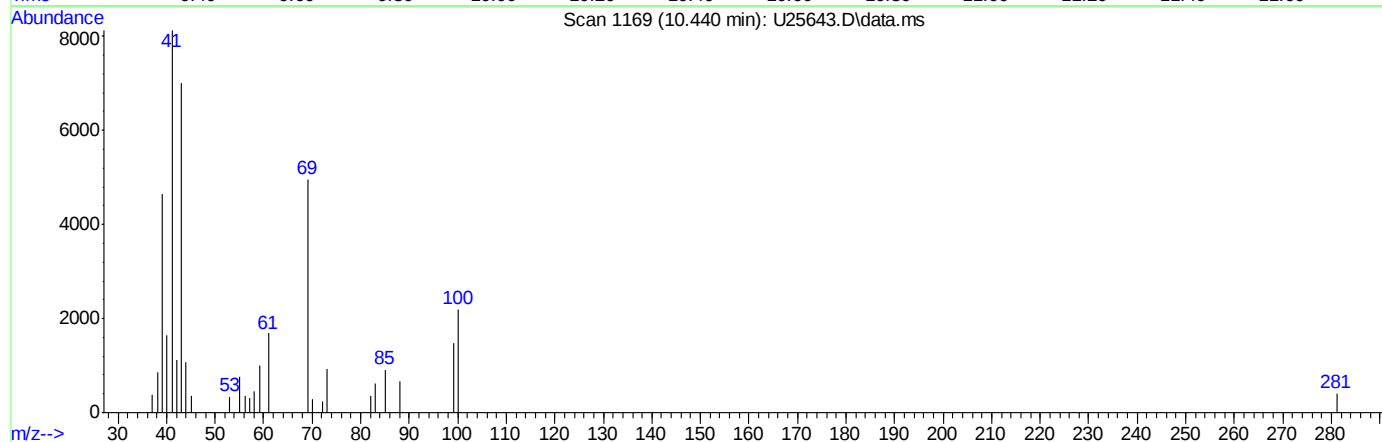
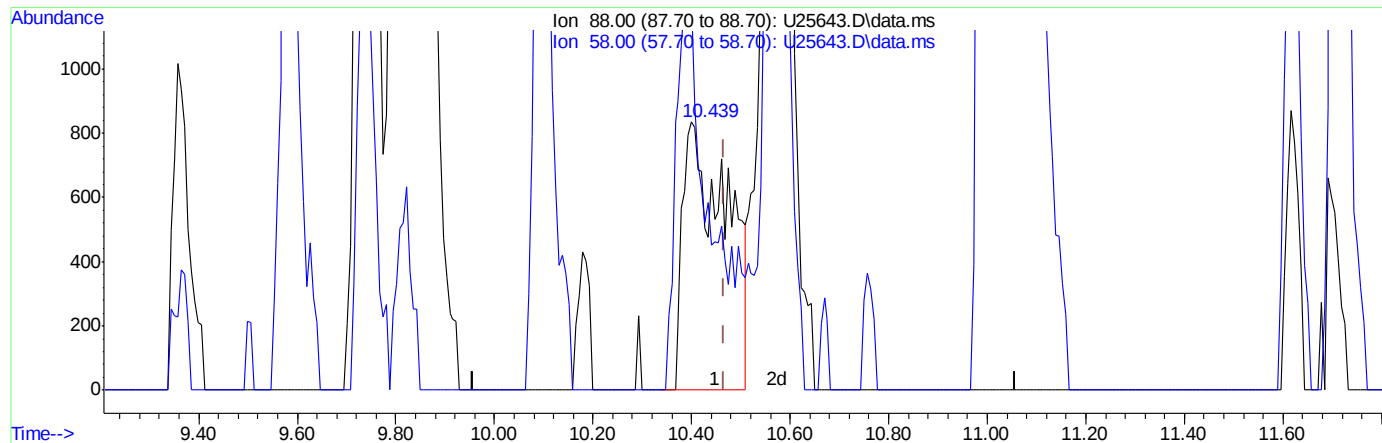
response 2552

Ion	Exp%	Act%
88.00	100	100
58.00	109.20	86.60
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25643.D
Acq On : 15 Jan 2015 8:34 pm
Operator : GaryK
Sample : ic1085-100
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 16 11:35:58 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25643.D\data.ms

(58) 1,4-dioxane (P)

10.440min (-0.027) 694.90ppb m

response 5047

Ion	Exp%	Act%
88.00	100	100
58.00	109.20	68.65#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150115\
 Data File : U25644.D
 Acq On : 15 Jan 2015 9:03 pm
 Operator : GaryK
 Sample : ic1085-200
 Misc : ms33699,msu1085,,,,5,1
 ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jan 16 12:20:59 2015
 Quant Method : D:\msdchem\1\methods\U150115w.m
 Quant Title : SW-846 Method 8260
 QLast Update : Fri Jan 16 08:55:23 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	6.612	65	142757	500.00	ppb	-0.07
4) pentafluorobenzene	8.957	168	359367	50.00	ppb	0.00
43) 1,4-difluorobenzene	9.825	114	538532	50.00	ppb	0.00
66) chlorobenzene-d5	13.081	82	233679	50.00	ppb	# 0.00
80) 1,4-dichlorobenzene-d4	15.647	152	317347	50.00	ppb	0.00
System Monitoring Compounds						
40) dibromofluoromethane (s)	8.596	113	171076	43.56	ppb	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	87.12%		
60) toluene-d8 (s)	11.622	98	579155	53.50	ppb	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	107.00%		
82) bromofluorobenzene (s)	14.310	95	234653	50.00	ppb	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	100.00%		
Target Compounds						
						Qvalue
2) tertiary butyl alcohol	6.696	59	732835m	2003.21	ppb	
3) Ethanol	5.714	45	570847m	24835.53	ppb	
5) dichlorodifluoromethane	4.343	85	1124605	178.53	ppb	99
6) chloromethane	4.564	50	1025260	180.20	ppb	98
7) vinyl chloride	4.831	62	916914	186.88	ppb	100
8) bromomethane	5.289	96	635032	195.81	ppb	94
9) chloroethane	5.414	64	364532	196.21	ppb	97
10) ethyl ether	6.271	59	419171	184.06	ppb	84
11) acetonitrile	6.050	41	63435m	168.16	ppb	
12) trichlorofluoromethane	6.110	101	1453361	201.64	ppb	100
13) freon-113	6.841	101	871079	201.24	ppb	89
14) acrolein	6.050	56	16666m	541.35	ppb	
15) 1,1-dichloroethene	6.645	96	741489	215.54	ppb	# 76
16) acetone	6.151	58	44773m	99.71	ppb	
17) Methyl Acetate	6.800	43	685772	171.31	ppb	# 88
18) methylene chloride	6.783	84	714510	208.60	ppb	# 76
19) methyl tert butyl ether	7.551	73	1554701	184.43	ppb	93
20) acrylonitrile	6.678	53	214324	167.71	ppb	96
21) allyl chloride	6.864	41	912828	180.61	ppb	85
22) trans-1,2-dichloroethene	7.451	96	601678	185.89	ppb	# 74
23) iodomethane	6.699	142	1579467	204.24	ppb	95
24) carbon disulfide	7.089	76	2488056	212.25	ppb	99
25) propionitrile	8.065	54	44238	182.83	ppb	100
26) vinyl acetate	7.798	43	703806	192.45	ppb	92
27) chloroprene	8.066	53	818738	185.68	ppb	83
28) di-isopropyl ether	8.106	45	1692579	191.25	ppb	84
29) methacrylonitrile	8.216	41	372812	189.07	ppb	89
30) 2-butanone	8.114	72	79378	178.33	ppb	# 73
31) Ethyl Acetate	8.101	43	1612188	190.57	ug/L	# 73
32) Hexane	8.088	41	876423	192.31	ppb	87
33) 1,1-dichloroethane	7.703	63	968616	188.12	ppb	95
34) tert-butyl ethyl ether	8.504	59	1754561	188.28	ppb	87
35) isobutyl alcohol	8.507	43	266295	778.67	ppb	99
36) 2,2-dichloropropane	8.571	77	628682	167.39	ppb	89

Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150115\
 Data File : U25644.D
 Acq On : 15 Jan 2015 9:03 pm
 Operator : GaryK
 Sample : ic1085-200
 Misc : ms33699,msu1085,,,,5,1
 ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jan 16 12:20:59 2015
 Quant Method : D:\msdchem\1\methods\U150115w.m
 Quant Title : SW-846 Method 8260
 QLast Update : Fri Jan 16 08:55:23 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) cis-1,2-dichloroethene	8.271	96	649818	182.28	ppb	# 76
38) bromochloromethane	8.436	128	415248	183.85	ppb	# 47
39) chloroform	8.476	83	1030878	181.91	ppb	88
41) Tetrahydrofuran	8.811	42	189167	180.51	ppb	86
42) 1,1,1-trichloroethane	9.237	97	1081023	193.75	ppb	95
44) Cyclohexane	9.523	56	1118083	210.33	ppb	# 81
45) carbon tetrachloride	9.597	117	1104452	202.10	ppb	98
46) 1,1-dichloropropene	9.399	75	759845	192.18	ppb	89
47) benzene	9.622	78	2080082	195.96	ppb	99
48) 1,2-dichloroethane	9.124	62	788473	186.37	ppb	97
49) tert-amyl methyl ether	9.748	73	1582976	188.48	ppb	95
50) heptane	10.104	43	724675m	211.85	ppb	
51) trichloroethene	10.245	95	699304	200.06	ppb	74
52) 1,2-dichloropropane	10.211	63	550646	207.49	ppb	96
53) dibromomethane	10.184	93	423112	193.28	ppb	85
54) bromodichloromethane	10.298	83	868131	197.04	ppb	98
55) Methylcyclohexane	10.769	83	1054560	210.87	ppb	# 81
56) 2-chloroethyl vinyl ether	10.672	63	109545	293.69	ppb	87
57) methyl methacrylate	10.392	69	366985	232.59	ppb	83
58) 1,4-dioxane	10.488	88	6388m	825.83	ppb	
59) cis-1,3-dichloropropene	10.917	75	922269	214.49	ppb	85
61) 4-methyl-2-pentanone	11.009	43	568641	200.27	ppb	96
62) toluene	11.694	92	1421524	216.96	ppb	98
63) trans-1,3-dichloropropene	11.337	75	804306	224.22	ppb	94
64) 1,1,2-trichloroethane	11.510	83	434970	222.04	ppb	92
65) ethyl methacrylate	11.714	69	635066	223.59	ppb	83
67) tetrachloroethene	12.437	166	763815	209.19	ppb	96
68) 1,3-dichloropropane	11.745	76	800139	211.74	ppb	96
69) dibromochloromethane	12.036	129	867187	207.41	ppb	97
70) 1,2-dibromoethane	12.288	107	638127	210.74	ppb	98
71) 2-hexanone	11.868	43	357123	206.96	ppb	97
72) chlorobenzene	13.117	112	1874380	212.79	ppb	88
73) 1,1,1,2-tetrachloroethane	13.037	131	792522	190.46	ppb	98
74) ethylbenzene	13.292	91	2737278	207.54	ppb	92
75) m,p-xylene	13.477	106	2321015	419.68	ppb	85
76) o-xylene	13.890	106	1221233	199.60	ppb	87
77) styrene	13.817	104	1888601	221.70	ppb	94
78) bromoform	13.643	173	559877	216.34	ppb	98
79) trans-1,4-dichloro-2-b...	14.041	53	176255	202.69	ppb	# 54
81) isopropylbenzene	14.253	105	3294228	184.37	ppb	94
83) bromobenzene	14.540	156	945438	199.84	ppb	# 73
84) 1,1,2,2-tetrachloroethane	13.895	83	682787	168.48	ppb	95
85) 1,2,3-trichloropropane	14.042	75	763778	185.88	ppb	100
86) n-propylbenzene	14.699	91	3560800	192.17	ppb	90
87) 2-chlorotoluene	14.817	91	2219134	191.37	ppb	81
88) 4-chlorotoluene	14.892	91	2218094	203.16	ppb	83
89) 1,3,5-trimethylbenzene	14.976	105	3188761	195.57	ppb	92
90) tert-butylbenzene	15.282	91	1869248	195.26	ppb	83
91) 1,2,4-trimethylbenzene	15.386	105	3296322	196.24	ppb	96
92) sec-butylbenzene	15.506	105	4233360	195.82	ppb	92

Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150115\
 Data File : U25644.D
 Acq On : 15 Jan 2015 9:03 pm
 Operator : GaryK
 Sample : ic1085-200
 Misc : ms33699,msu1085,,,,,5,1
 ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jan 16 12:20:59 2015
 Quant Method : D:\msdchem\1\methods\U150115w.m
 Quant Title : SW-846 Method 8260
 QLast Update : Fri Jan 16 08:55:23 2015
 Response via : Initial Calibration

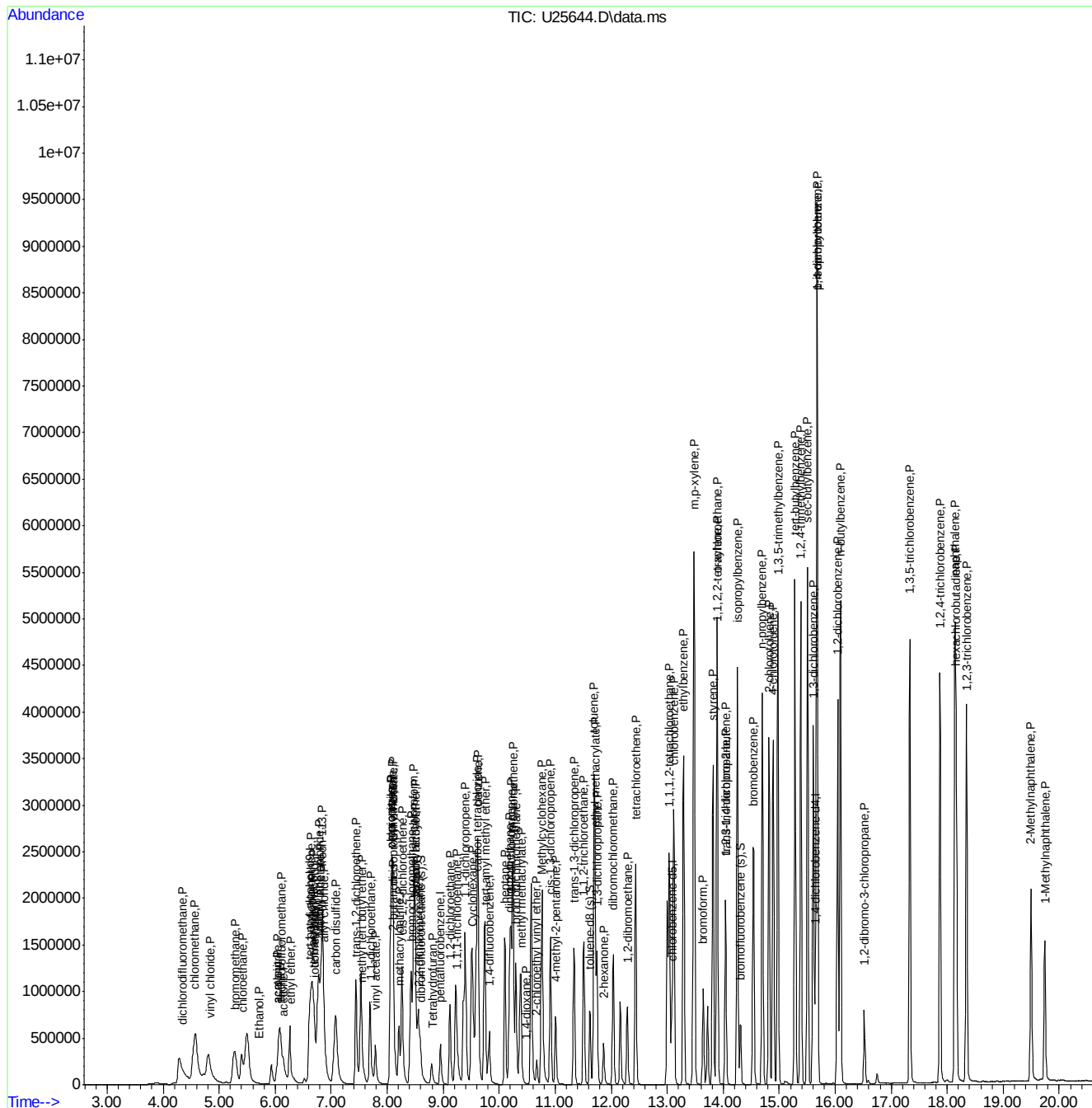
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,3-dichlorobenzene	15.608	146	1901671	203.40	ppb	98
94) p-isopropyltoluene	15.678	119	3861699	195.87	ppb	95
95) 1,4-dichlorobenzene	15.675	146	1858503	191.91	ppb	100
96) 1,2-dichlorobenzene	16.042	146	2026750	192.56	ppb	97
97) n-butylbenzene	16.095	91	3063588	190.62	ppb	84
98) 1,2-dibromo-3-chloropr...	16.522	75	194245	175.78	ppb #	72
99) 1,3,5-trichlorobenzene	17.335	180	1651882	166.63	ug/L	95
100) 1,2,4-trichlorobenzene	17.873	180	1530510	155.12	ppb	93
101) hexachlorobutadiene	18.163	225	687826	172.61	ppb	94
102) naphthalene	18.138	128	4367788	158.31	ppb	100
103) 2-Methylnaphthalene	19.500	142	1327361	79.22	ug/L	98
104) 1-Methylnaphthalene	19.746	142	1002482	78.55	ug/L	97
105) 1,2,3-trichlorobenzene	18.346	180	1482547	153.95	ppb	95

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

Quantitation Report (QT Reviewed)

```
Data Path   : D:\msdchem\1\data\U150115\  
Data File   : U25644.D  
Acq On      : 15 Jan 2015    9:03 pm  
Operator    : GaryK  
Sample      : ic1085-200  
Misc        : ms33699,msu1085,,,5,1  
ALS Vial    : 27    Sample Multiplier: 1
```

Quant Time: Jan 16 12:20:59 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



U150115w.m Fri Jan 16 12:44:48 2015

Page: 4

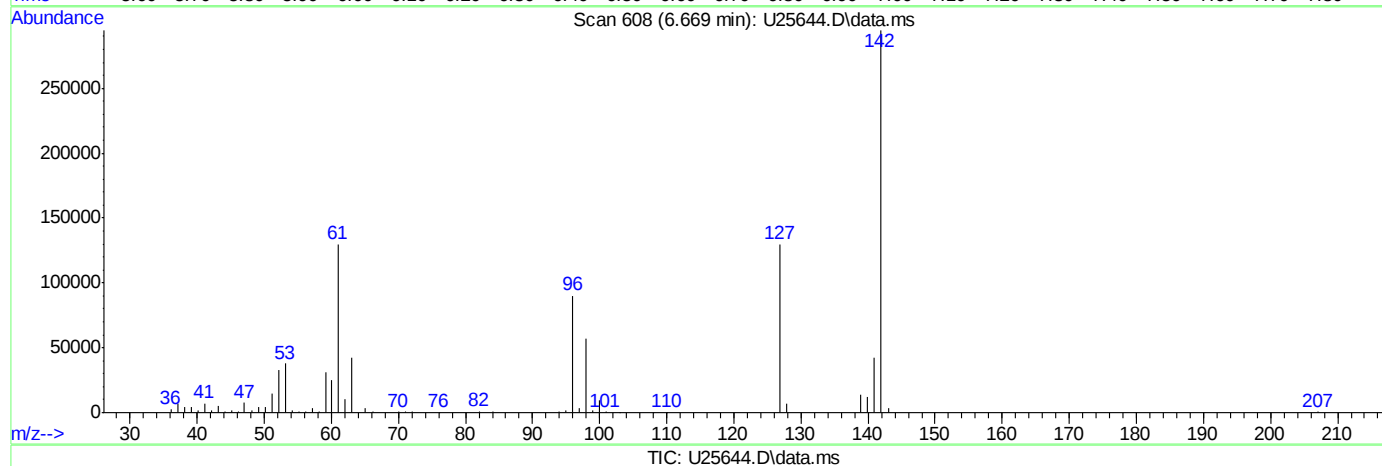
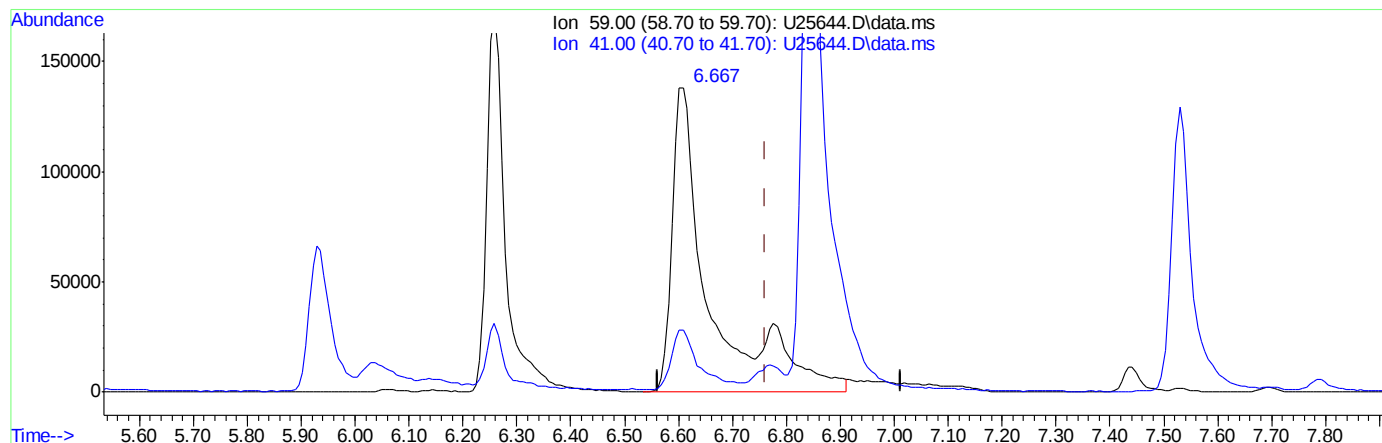
7.6.21



Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25644.D
Acq On : 15 Jan 2015 9:03 pm
Operator : GaryK
Sample : ic1085-200
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jan 16 09:35:27 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(2) tertiary butyl alcohol (P)

6.667min (-0.096) 1831.09ppb

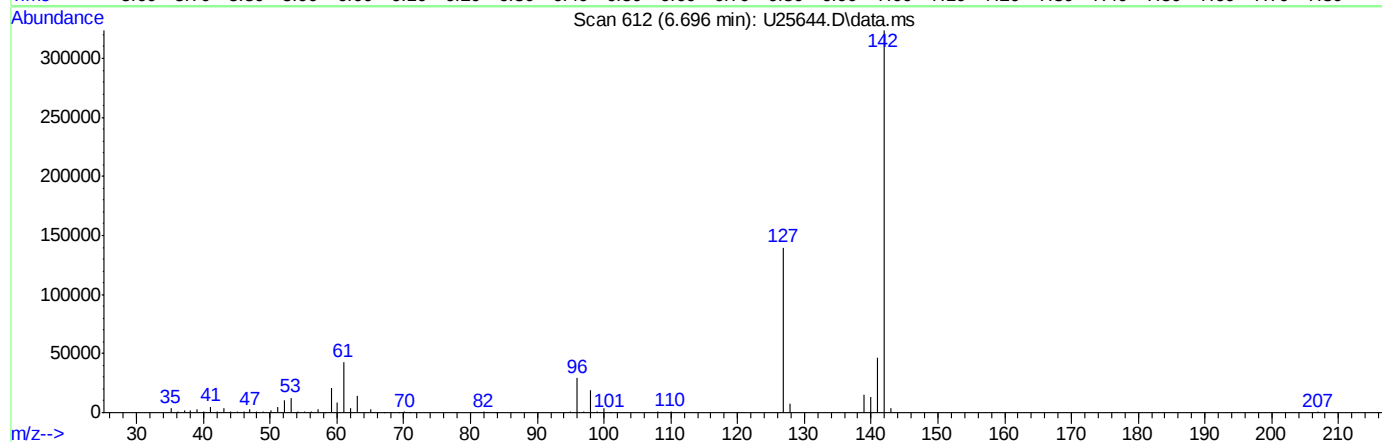
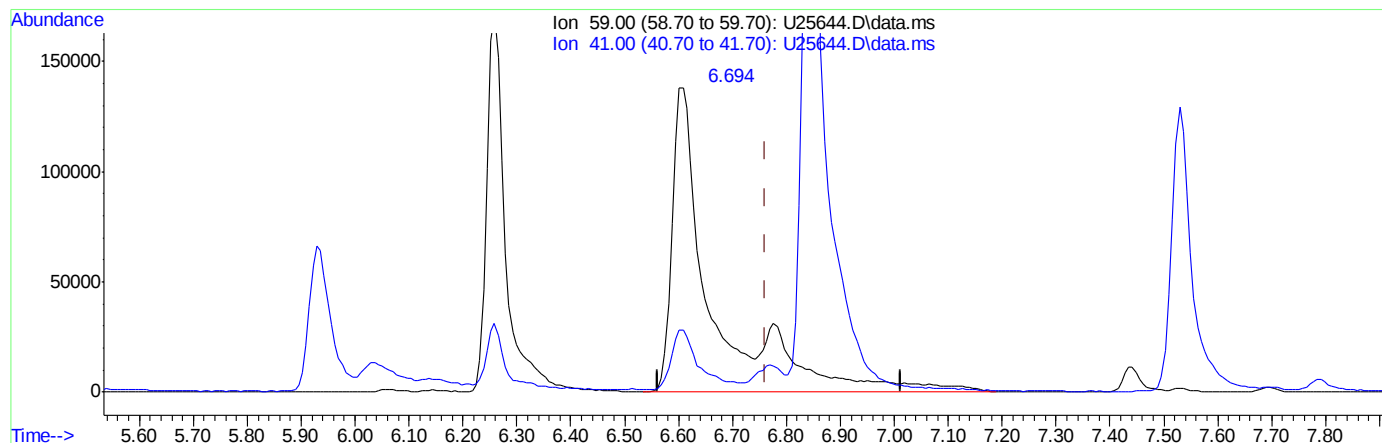
response 669867

Ion	Exp%	Act%
59.00	100	100
41.00	23.90	19.50
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25644.D
Acq On : 15 Jan 2015 9:03 pm
Operator : GaryK
Sample : ic1085-200
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jan 16 09:35:27 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25644.D\data.ms

(2) tertiary butyl alcohol (P)

6.696min (-0.067) 2003.21ppb m

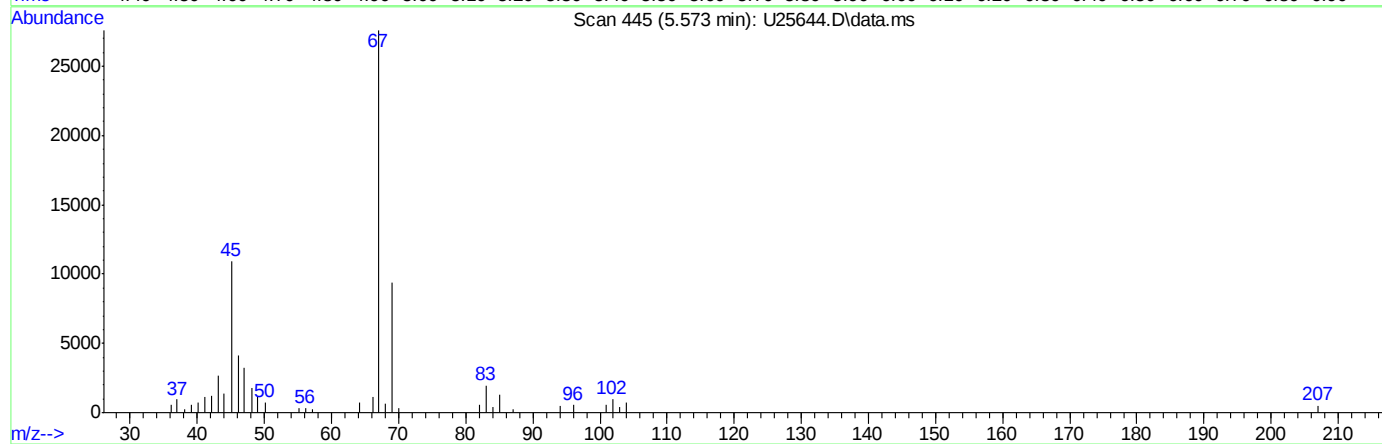
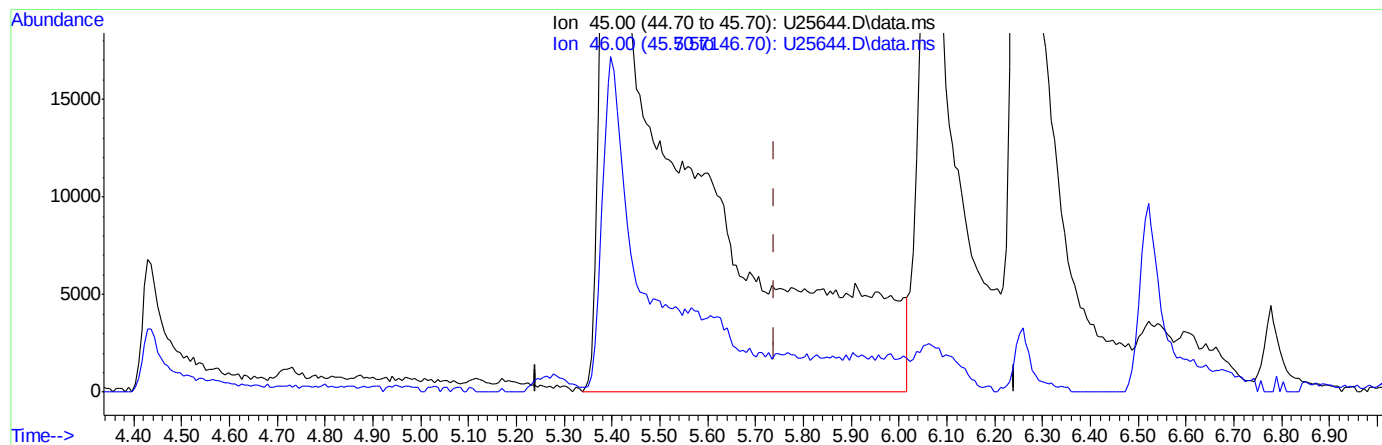
response 732835

Ion	Exp%	Act%
59.00	100	100
41.00	23.90	23.73
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25644.D
Acq On : 15 Jan 2015 9:03 pm
Operator : GaryK
Sample : ic1085-200
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jan 16 09:35:27 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(3) Ethanol (P)

5.571min (-0.170) 17911.00ppb

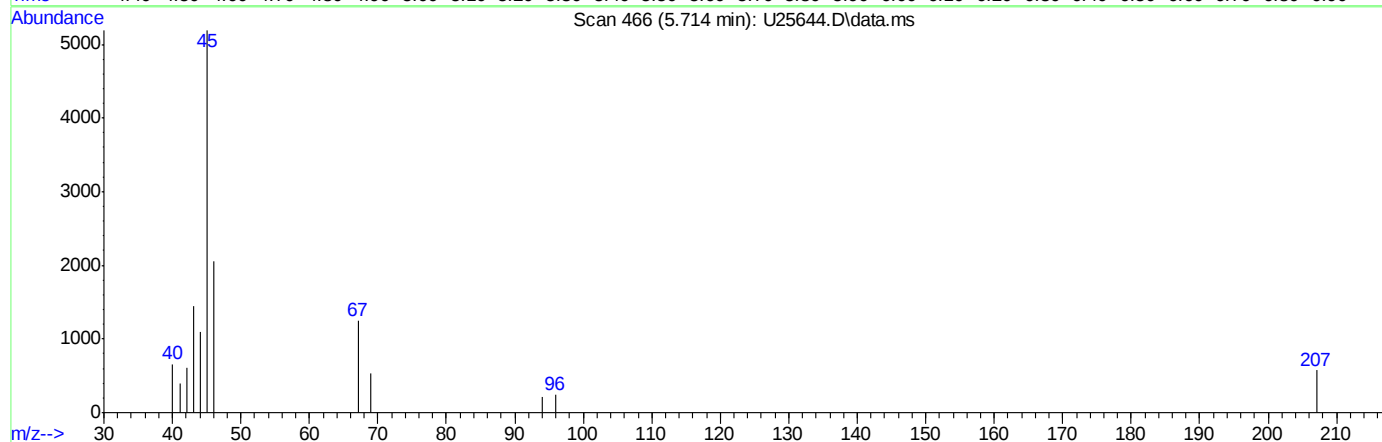
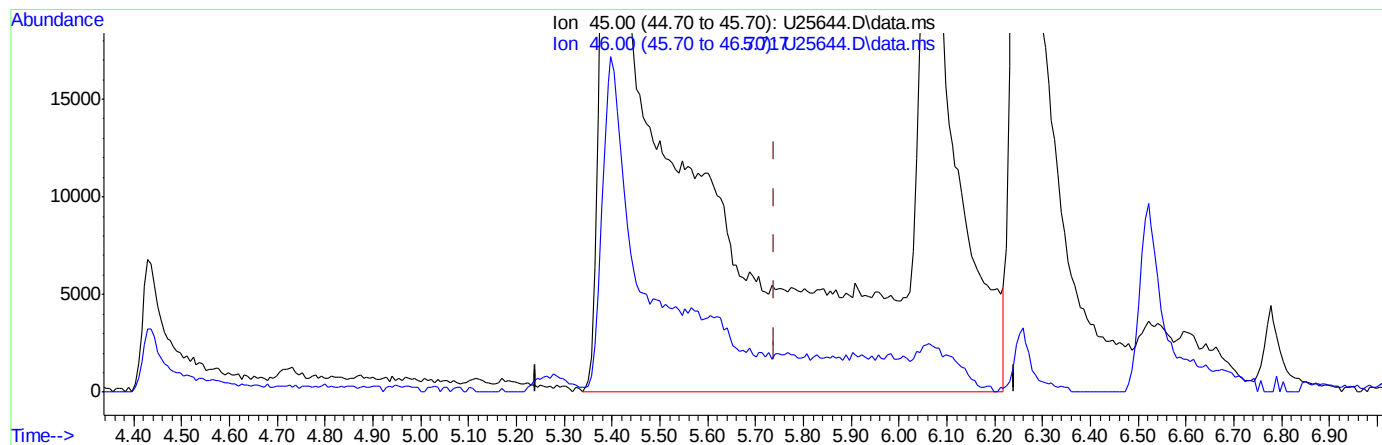
response 411686

Ion	Exp%	Act%
45.00	100	100
46.00	35.30	35.29
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25644.D
Acq On : 15 Jan 2015 9:03 pm
Operator : GaryK
Sample : ic1085-200
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jan 16 09:35:27 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(3) Ethanol (P)

5.714min (-0.027) 24835.53ppb m

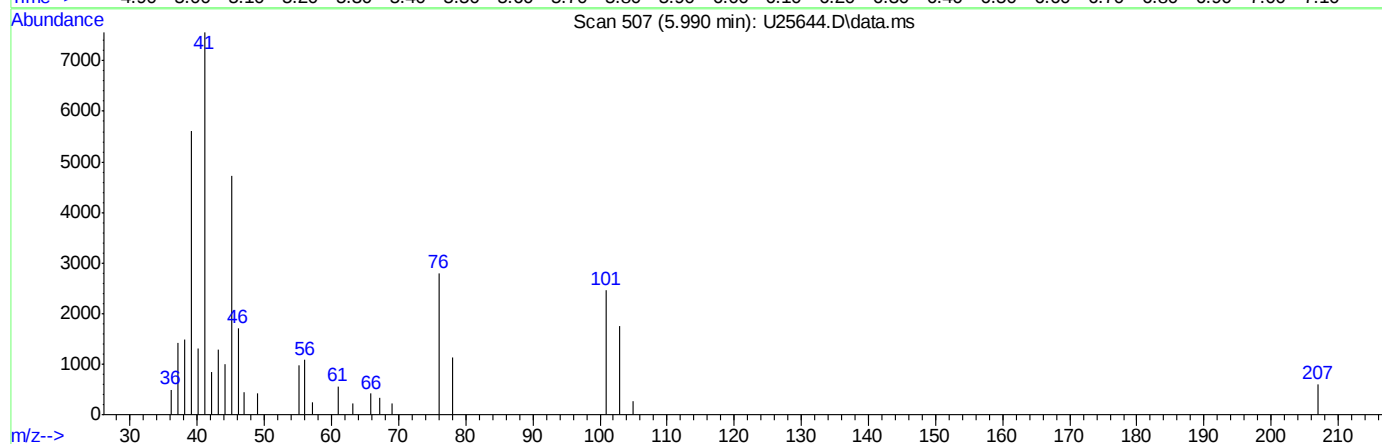
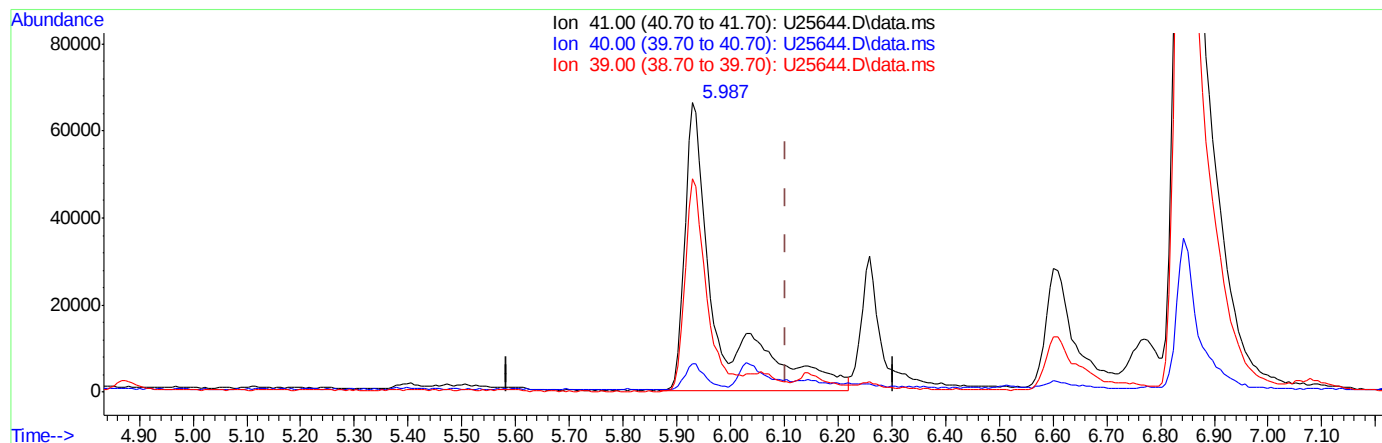
response 570847

Ion	Exp%	Act%
45.00	100	100
46.00	35.30	39.48
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25644.D
Acq On : 15 Jan 2015 9:03 pm
Operator : GaryK
Sample : ic1085-200
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jan 16 09:35:27 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(11) acetonitrile (P)

5.987min (-0.117) 717.21ppb

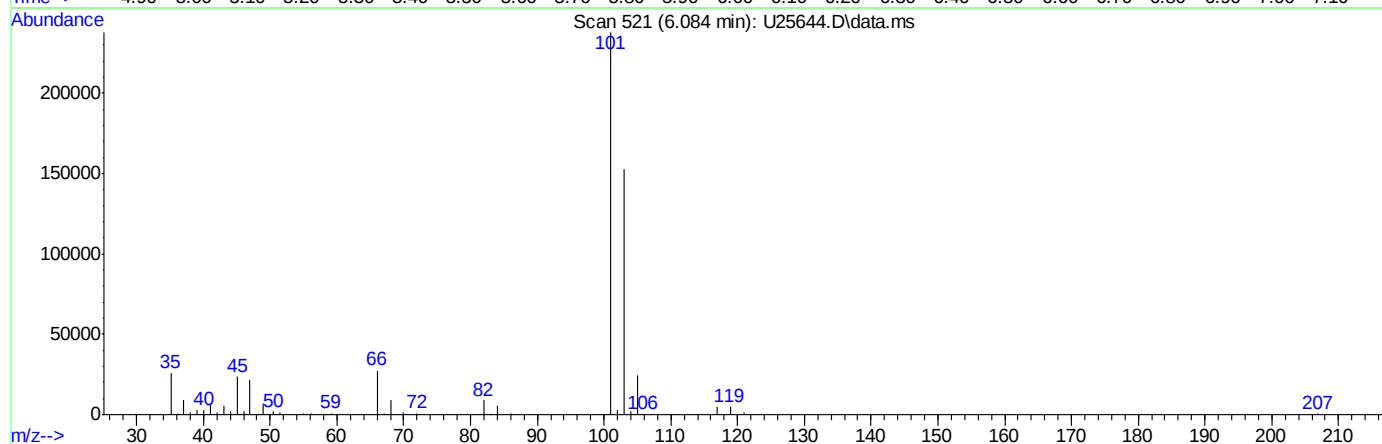
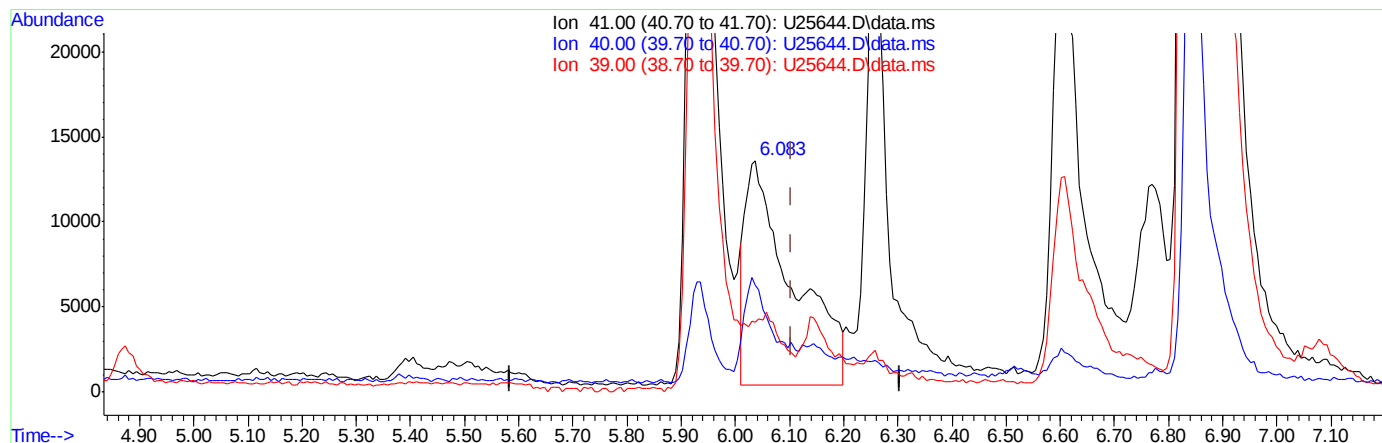
response 270556

Ion	Exp%	Act%
41.00	100	100
40.00	92.30	9.92#
39.00	24.50	78.96#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25644.D
Acq On : 15 Jan 2015 9:03 pm
Operator : GaryK
Sample : ic1085-200
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jan 16 09:35:27 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25644.D\data.ms

(11) acetonitrile (P)

6.084min (-0.020) 211.97ppb m

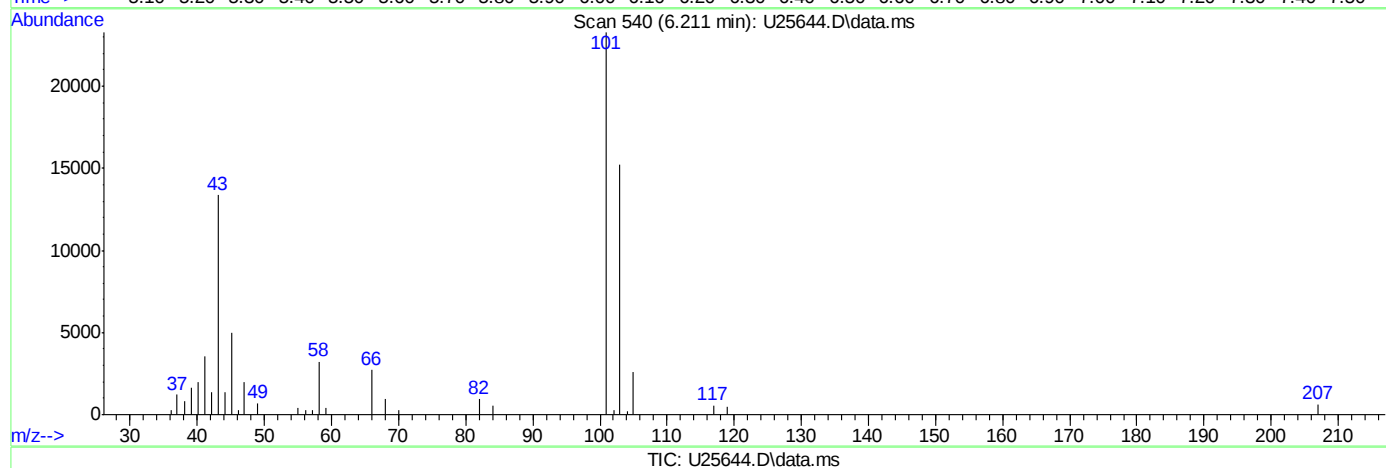
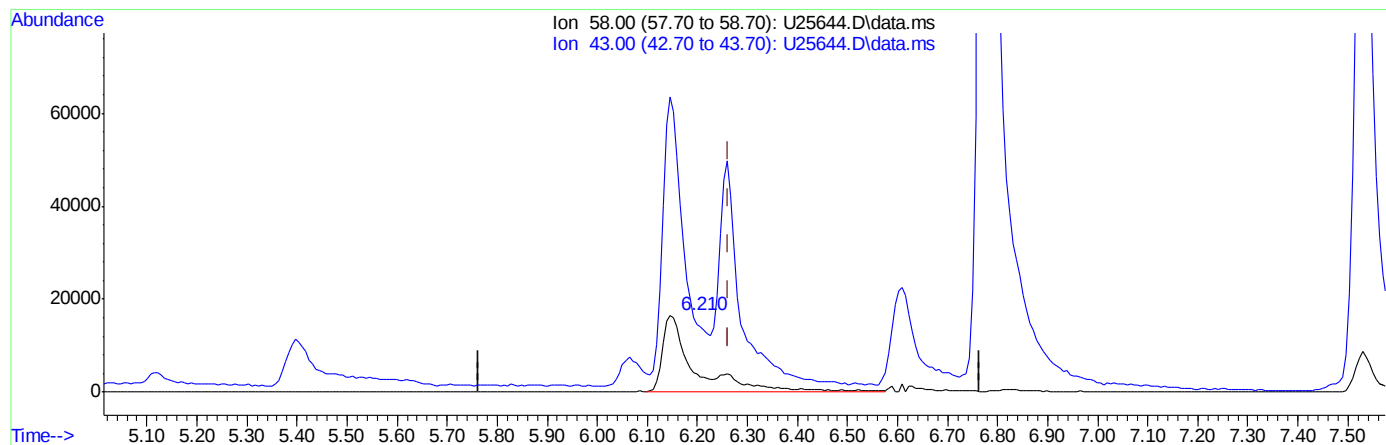
response 79964

Ion	Exp%	Act%
41.00	100	100
40.00	92.30	40.97#
39.00	24.50	39.12
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25644.D
Acq On : 15 Jan 2015 9:03 pm
Operator : GaryK
Sample : ic1085-200
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jan 16 09:35:27 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(16) acetone (P)

6.210min (-0.054) 170.35ppb

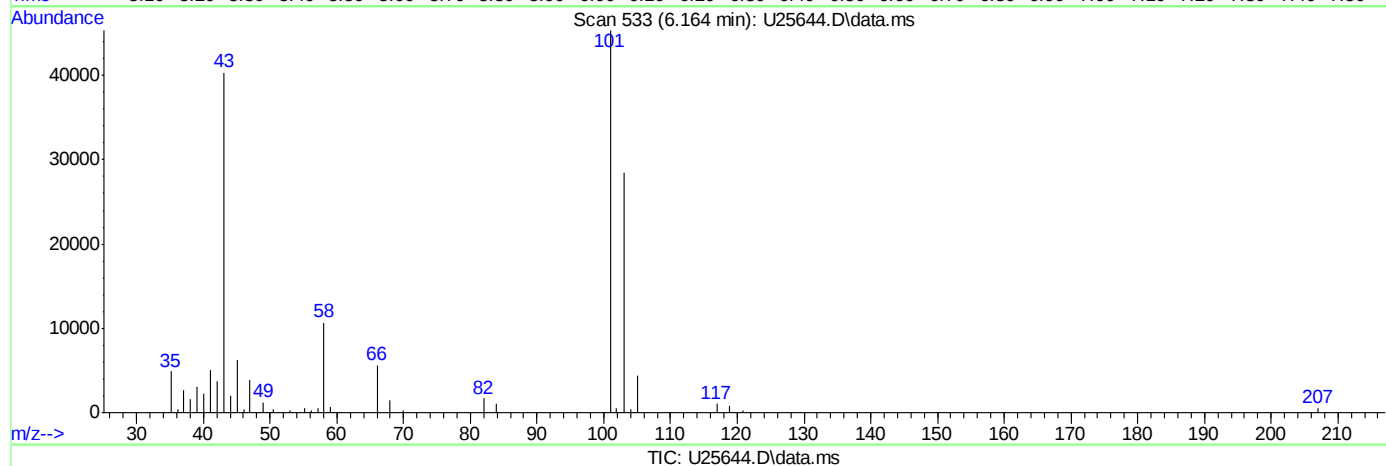
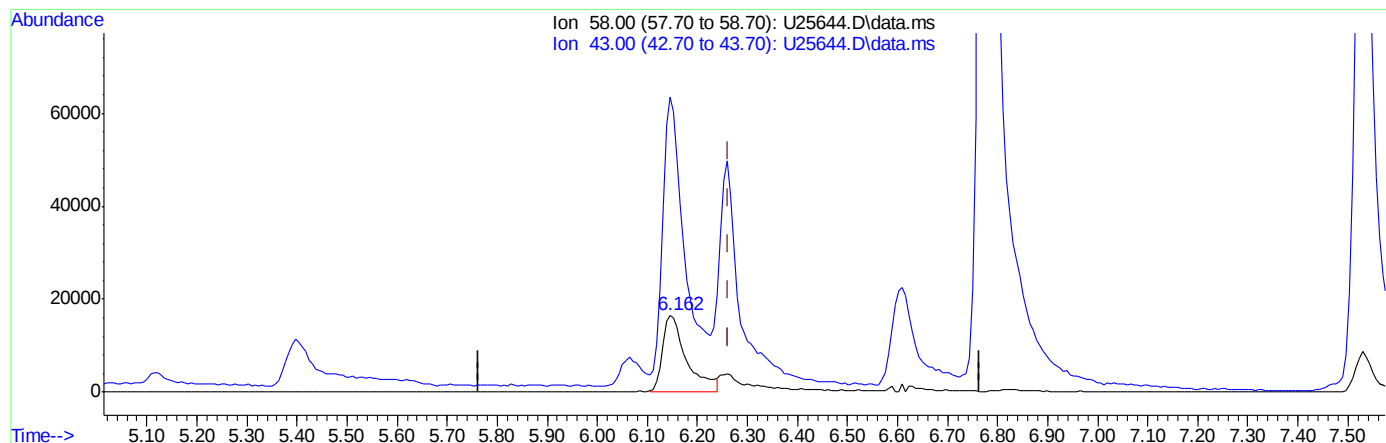
response 76496

Ion	Exp%	Act%
58.00	100	100
43.00	308.80	291.82
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25644.D
Acq On : 15 Jan 2015 9:03 pm
Operator : GaryK
Sample : ic1085-200
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jan 16 09:35:27 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(16) acetone (P)

6.164min (-0.100) 123.18ppb m

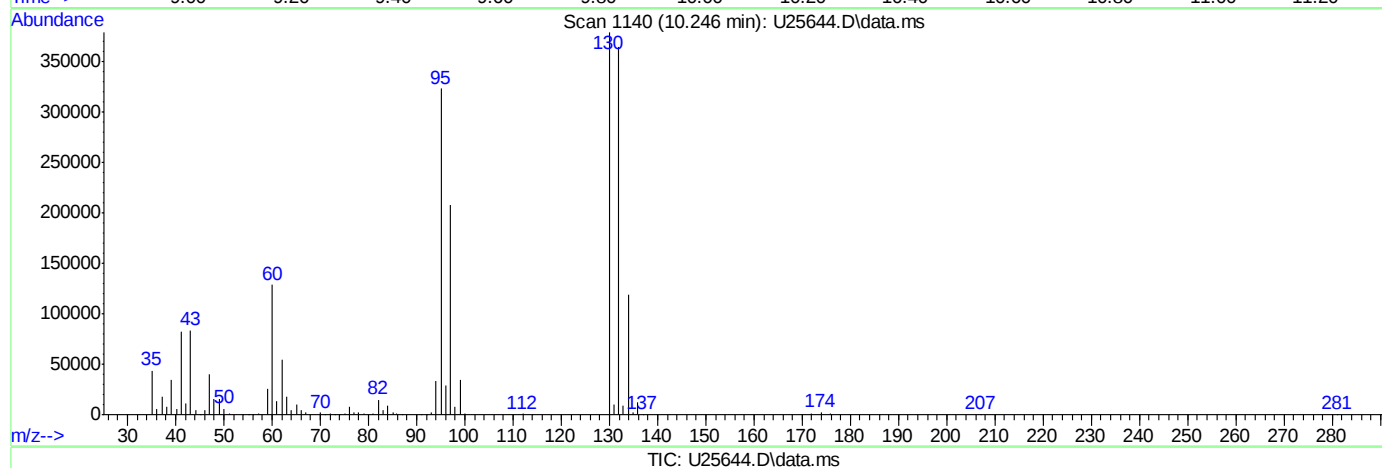
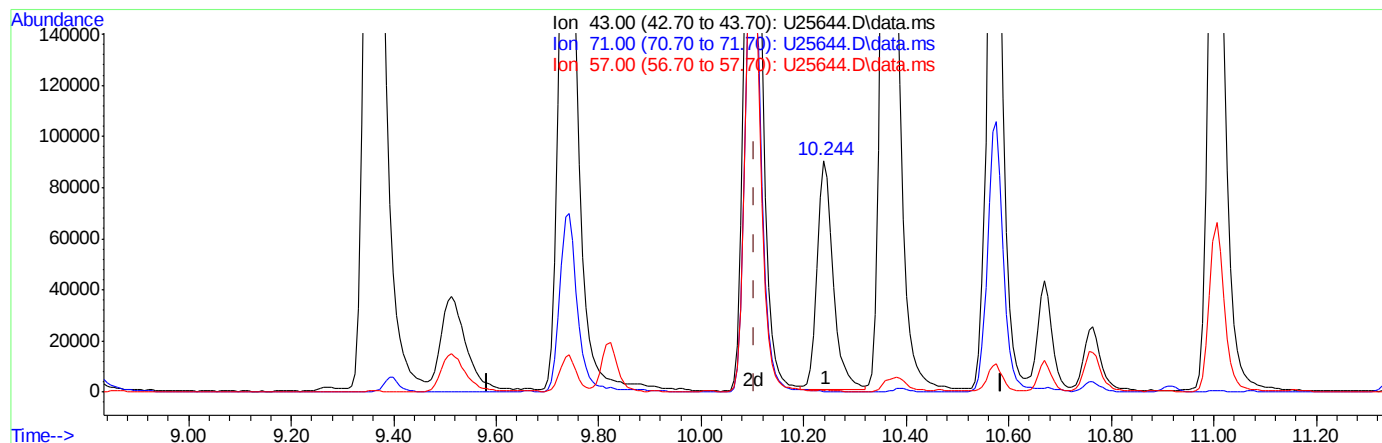
response 55313

Ion	Exp%	Act%
58.00	100	100
43.00	308.80	378.79#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25644.D
Acq On : 15 Jan 2015 9:03 pm
Operator : GaryK
Sample : ic1085-200
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jan 16 09:35:27 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(50) heptane (P)

10.244min (+0.140) 57.53ppb

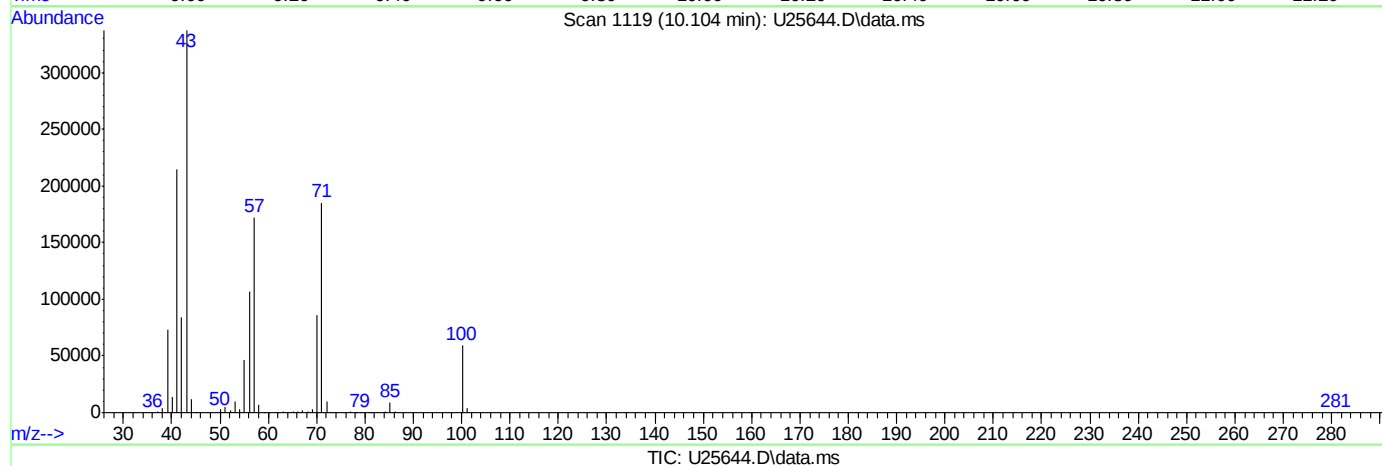
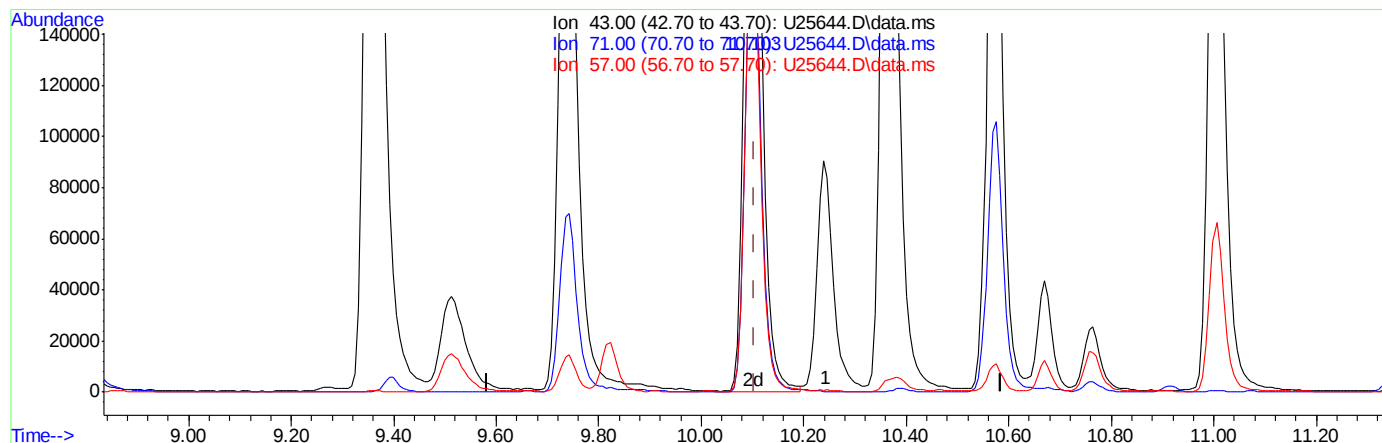
response 196806

Ion	Exp%	Act%
43.00	100	100
71.00	26.10	0.45
57.00	5.80	0.71
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25644.D
Acq On : 15 Jan 2015 9:03 pm
Operator : GaryK
Sample : ic1085-200
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jan 16 09:35:27 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(50) heptane (P)

10.104min (-0.000) 211.85ppb m

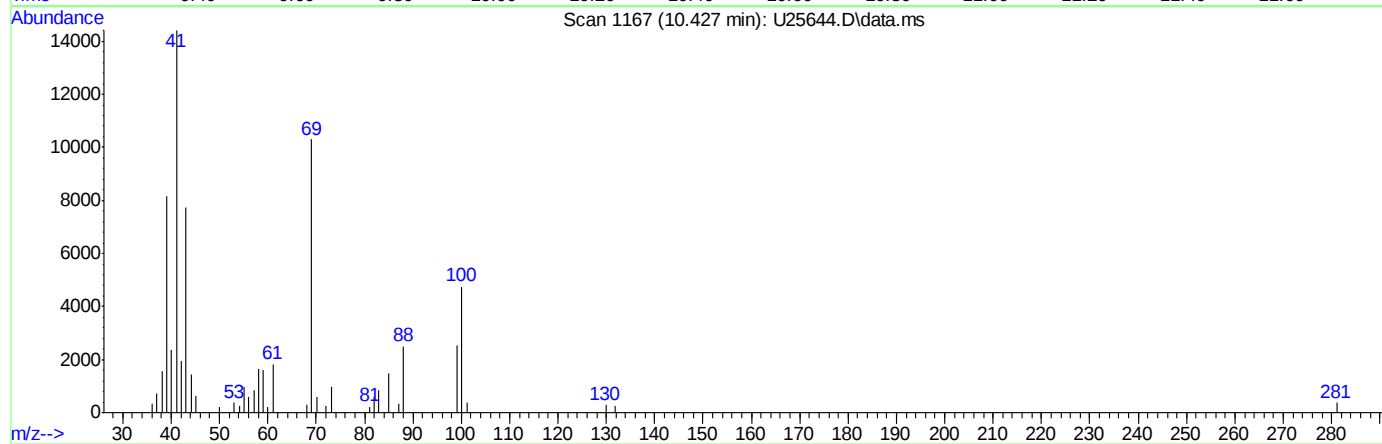
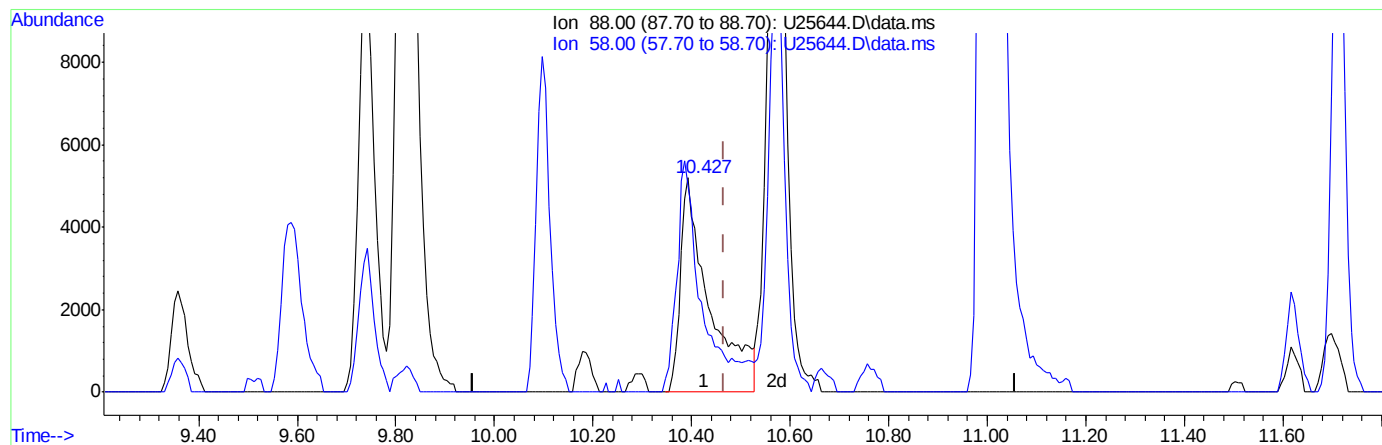
response 724675

Ion	Exp%	Act%
43.00	100	100
71.00	26.10	54.99
57.00	5.80	51.10#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25644.D
Acq On : 15 Jan 2015 9:03 pm
Operator : GaryK
Sample : ic1085-200
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jan 16 09:35:27 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(58) 1,4-dioxane (P)

10.427min (-0.041) 2771.59ppb

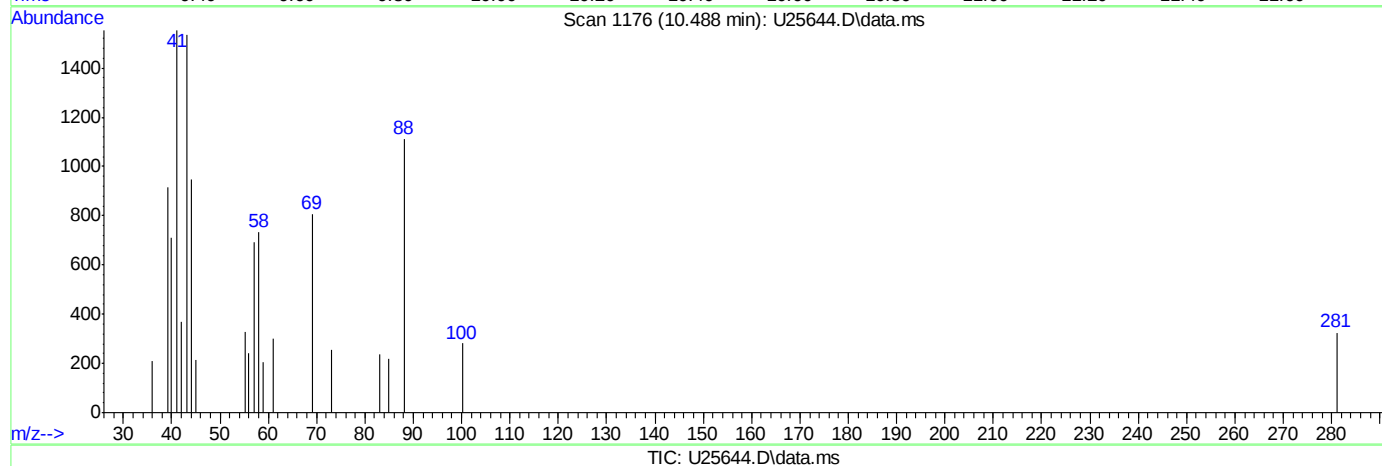
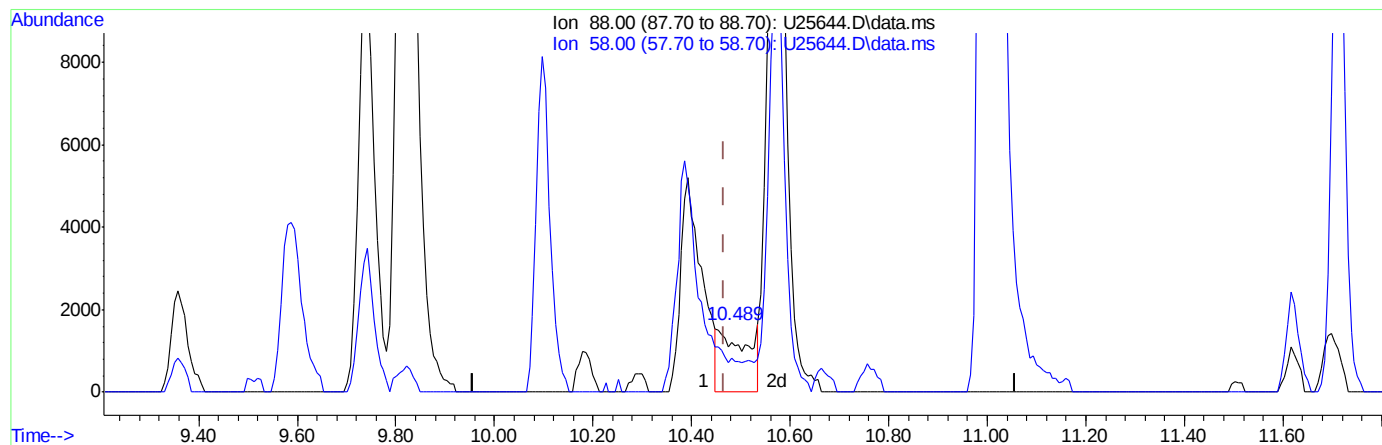
response 21439

Ion	Exp%	Act%
88.00	100	100
58.00	109.20	52.69#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25644.D
Acq On : 15 Jan 2015 9:03 pm
Operator : GaryK
Sample : ic1085-200
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jan 16 09:35:27 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(58) 1,4-dioxane (P)

10.488min (+0.020) 825.83ppb m

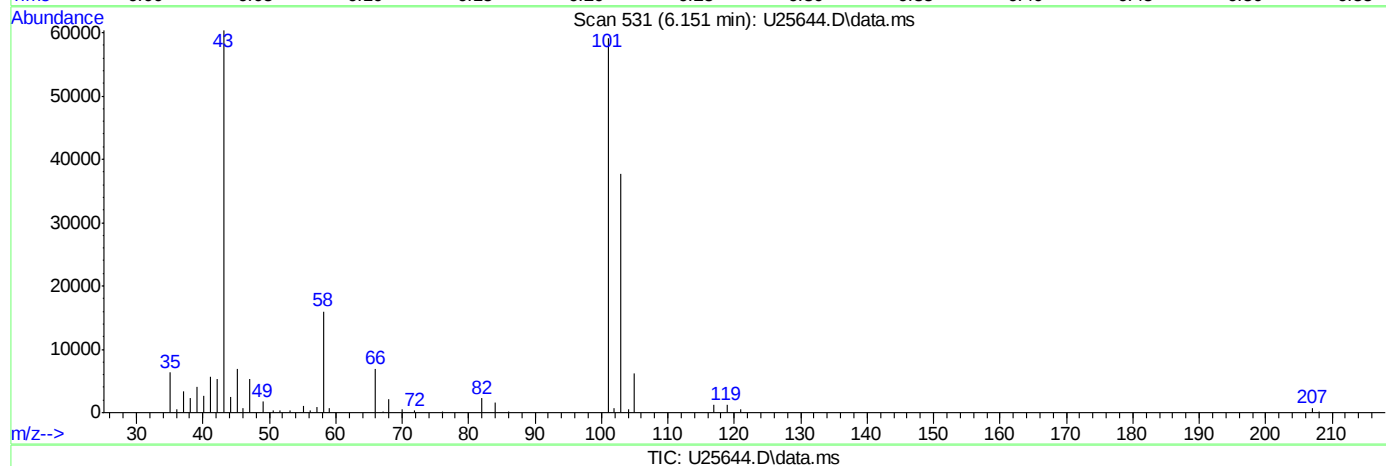
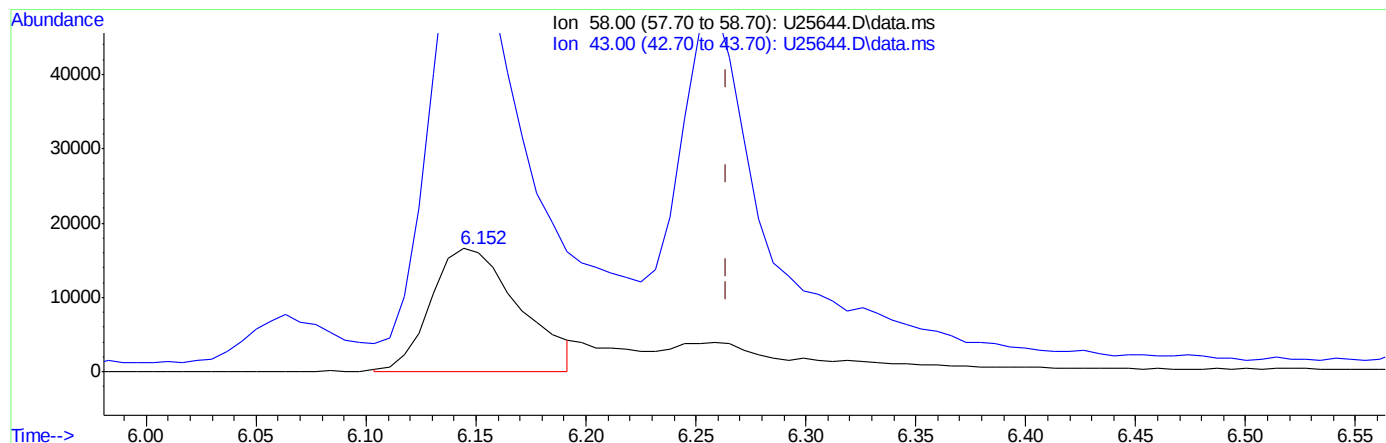
response 6388

Ion	Exp%	Act%
88.00	100	100
58.00	109.20	66.04#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25644.D
Acq On : 15 Jan 2015 9:03 pm
Operator : GaryK
Sample : ic1085-200
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jan 16 09:36:57 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(16) acetone (P)

6.151min (-0.113) 103.54ppb m

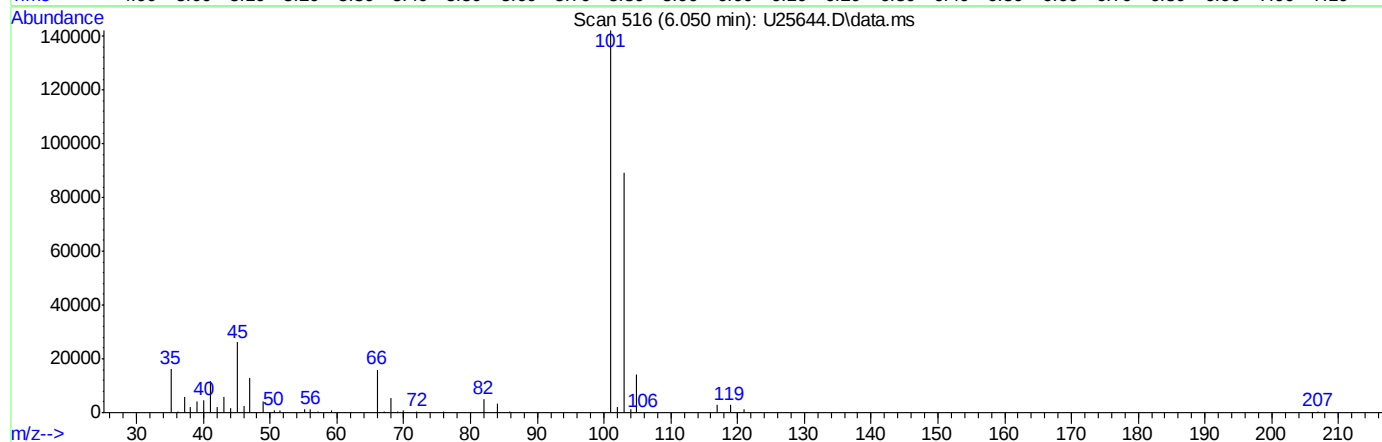
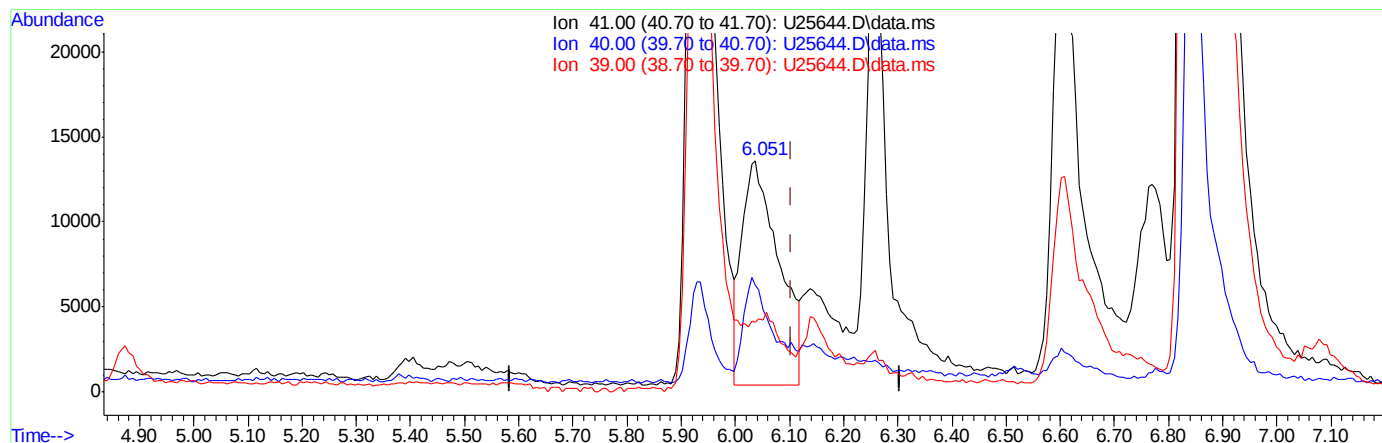
response 46495

Ion	Exp%	Act%
58.00	100	100
43.00	308.80	377.49#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25644.D
Acq On : 15 Jan 2015 9:03 pm
Operator : GaryK
Sample : ic1085-200
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jan 16 11:16:30 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25644.D\data.ms

(11) acetonitrile (P)

6.050min (-0.054) 168.16ppb m

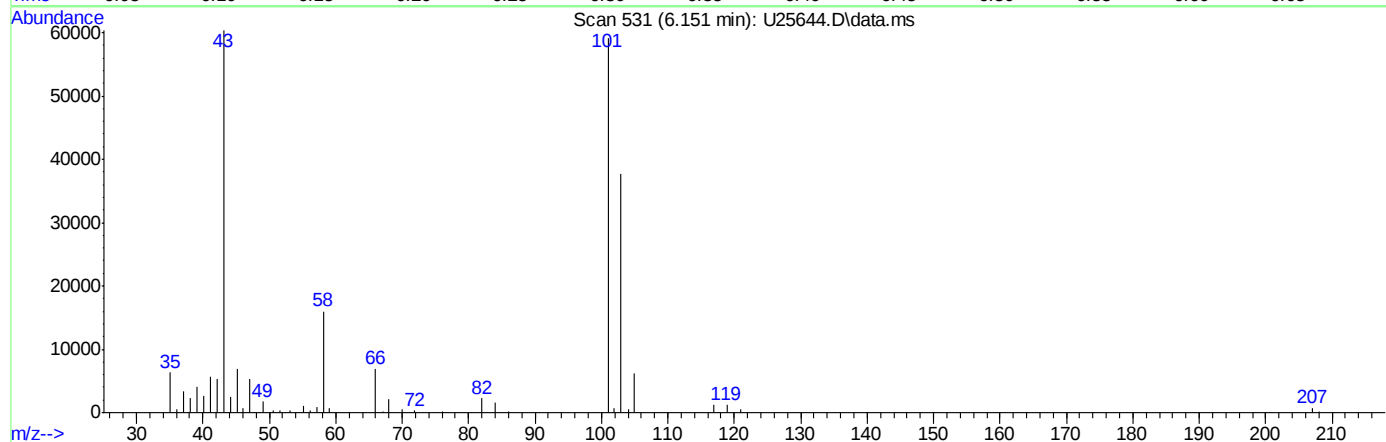
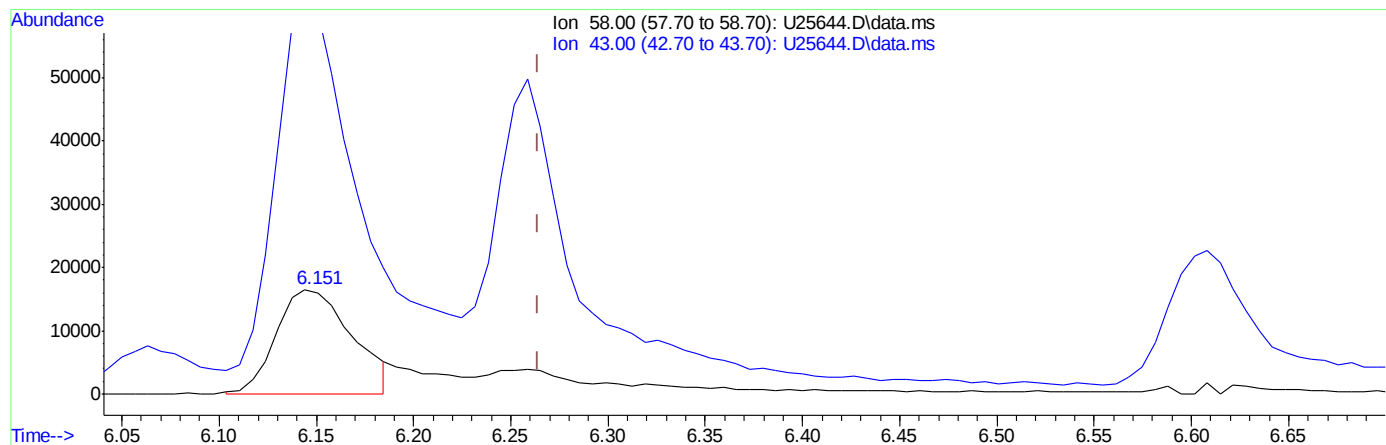
response 63435

Ion	Exp%	Act%
41.00	100	100
40.00	92.30	41.01#
39.00	24.50	36.41
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25644.D
Acq On : 15 Jan 2015 9:03 pm
Operator : GaryK
Sample : ic1085-200
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jan 16 11:26:39 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25644.D\data.ms

(16) acetone (P)

6.151min (-0.113) 99.71ppb m

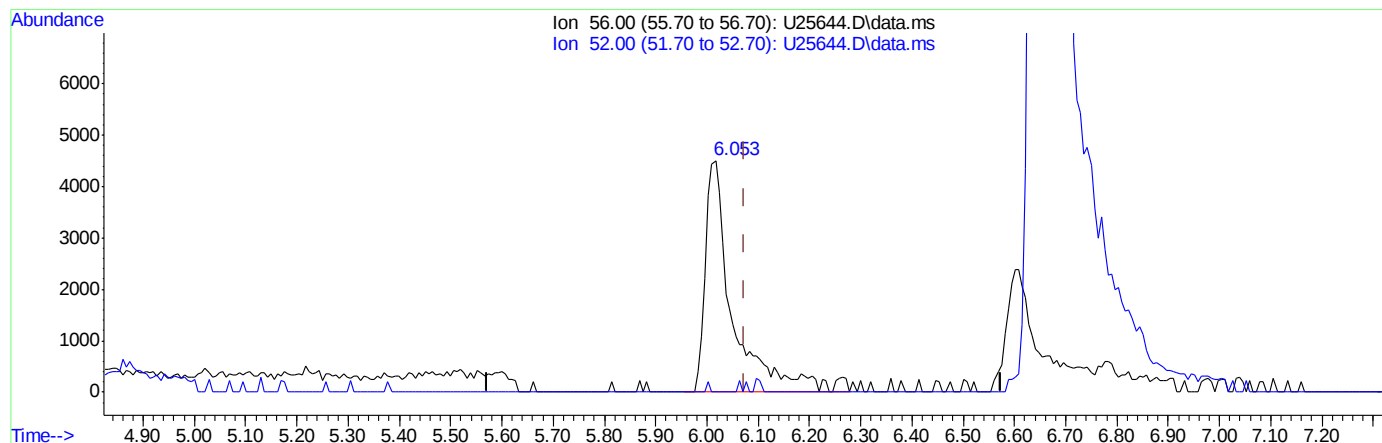
response 44773

Ion	Exp%	Act%
58.00	100	100
43.00	308.80	377.49#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25644.D
Acq On : 15 Jan 2015 9:03 pm
Operator : GaryK
Sample : ic1085-200
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jan 16 11:37:34 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(14) acrolein (P)

6.050min (-0.023) 541.35ppb m

response 16666

Ion	Exp%	Act%
56.00	100	100
52.00	2.80	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150115\
 Data File : U25645.D
 Acq On : 15 Jan 2015 9:30 pm
 Operator : GaryK
 Sample : ic1085-400
 Misc : ms33699,msu1085,,,,5,1
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 16 12:19:58 2015
 Quant Method : D:\msdchem\1\methods\U150115w.m
 Quant Title : SW-846 Method 8260
 QLast Update : Fri Jan 16 08:55:23 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	6.759	65	118844	500.00	ppb	0.07
4) pentafluorobenzene	8.956	168	255164	50.00	ppb	0.00
43) 1,4-difluorobenzene	9.826	114	461306	50.00	ppb	0.00
66) chlorobenzene-d5	13.083	82	218011	50.00	ppb	# 0.00
80) 1,4-dichlorobenzene-d4	15.648	152	277165	50.00	ppb	0.00

System Monitoring Compounds						
40) dibromofluoromethane (s)	8.599	113	166136	59.58	ppb	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	119.16%		
60) toluene-d8 (s)	11.623	98	521564	56.24	ppb	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	112.48%		
82) bromofluorobenzene (s)	14.311	95	222480	54.28	ppb	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	108.56%		

Target Compounds						Qvalue
2) tertiary butyl alcohol	6.830	59	1260547m	4139.04	ppb	
3) Ethanol	5.787	45	692590	36195.12	ppb	99
5) dichlorodifluoromethane	4.321	85	2419826	541.02	ppb	99
6) chloromethane	4.544	50	2095098	518.61	ppb	99
7) vinyl chloride	4.794	62	1891779	543.02	ppb	100
8) bromomethane	5.262	96	1197693	520.12	ppb	95
9) chloroethane	5.406	64	685561	519.71	ppb	94
10) ethyl ether	6.279	59	664955	411.22	ppb	85
11) acetonitrile	6.104	41	112226m	418.99	ppb	
12) trichlorofluoromethane	6.071	101	2651271	518.05	ppb	99
13) freon-113	6.816	101	1621182	527.49	ppb	88
14) acrolein	6.043	56	46627m	2133.07	ppb	
15) 1,1-dichloroethene	6.618	96	1112655	455.52	ppb	# 70
16) acetone	6.171	58	58693m	184.08	ppb	
17) Methyl Acetate	6.874	43	1550320	545.44	ppb	# 54
18) methylene chloride	6.771	84	1182820	486.35	ppb	# 72
19) methyl tert butyl ether	7.565	73	3050473	509.64	ppb	92
20) acrylonitrile	6.761	53	492444	542.71	ppb	98
21) allyl chloride	6.865	41	1609503	448.49	ppb	84
22) trans-1,2-dichloroethene	7.450	96	1082252	470.90	ppb	# 72
23) iodomethane	6.678	142	2610208	475.37	ppb	97
24) carbon disulfide	7.038	76	3750355	450.58	ppb	99
25) propionitrile	8.066	54	88815	516.96	ppb	100
26) vinyl acetate	7.810	43	1197813	461.28	ppb	92
27) chloroprene	8.065	53	1367029	436.64	ppb	82
28) di-isopropyl ether	8.109	45	2969678	472.58	ppb	94
29) methacrylonitrile	8.247	41	757495	541.03	ppb	84
30) 2-butanone	8.193	72	192135	607.93	ppb	# 1
31) Ethyl Acetate	8.116	43	2656138	442.20	ug/L	# 65
32) Hexane	8.088	41	1260919	389.67	ppb	# 76
33) 1,1-dichloroethane	7.702	63	1698808	464.68	ppb	95
34) tert-butyl ethyl ether	8.510	59	3243409	490.18	ppb	85
35) isobutyl alcohol	8.518	43	704899	2902.91	ppb	# 68
36) 2,2-dichloropropane	8.564	77	1414338	530.37	ppb	90

Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150115\
 Data File : U25645.D
 Acq On : 15 Jan 2015 9:30 pm
 Operator : GaryK
 Sample : ic1085-400
 Misc : ms33699,msu1085,,,,,5,1
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 16 12:19:58 2015
 Quant Method : D:\msdchem\1\methods\U150115w.m
 Quant Title : SW-846 Method 8260
 QLast Update : Fri Jan 16 08:55:23 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) cis-1,2-dichloroethene	8.273	96	1221111	482.41	ppb	# 75
38) bromochloromethane	8.444	128	806622	502.97	ppb	# 48
39) chloroform	8.478	83	1882931	467.96	ppb	89
41) Tetrahydrofuran	8.866	42	422998	568.47	ppb	88
42) 1,1,1-trichloroethane	9.230	97	2005523	506.23	ppb	94
44) Cyclohexane	9.515	56	2043838	448.85	ppb	# 81
45) carbon tetrachloride	9.592	117	1988789	424.85	ppb	99
46) 1,1-dichloropropene	9.399	75	1283011	378.82	ppb	88
47) benzene	9.624	78	3720350	409.16	ppb	99
48) 1,2-dichloroethane	9.144	62	1631841	450.28	ppb	96
49) tert-amyl methyl ether	9.753	73	3087742	429.20	ppb	93
50) heptane	10.104	43	1046754m	357.24	ppb	
51) trichloroethene	10.245	95	1272766	425.07	ppb	79
52) 1,2-dichloropropane	10.214	63	989655	435.34	ppb	96
53) dibromomethane	10.190	93	805669	429.65	ppb	80
54) bromodichloromethane	10.302	83	1622097	429.79	ppb	99
55) Methylcyclohexane	10.765	83	1944088	453.83	ppb	# 81
56) 2-chloroethyl vinyl ether	10.676	63	174637m	546.58	ppb	
57) methyl methacrylate	10.403	69	696427	515.27	ppb	80
58) 1,4-dioxane	10.481	88	14705m	2219.28	ppb	
59) cis-1,3-dichloropropene	10.920	75	1676344	455.12	ppb	85
61) 4-methyl-2-pentanone	11.024	43	1316646	541.34	ppb	96
62) toluene	11.695	92	2528588	450.53	ppb	98
63) trans-1,3-dichloropropene	11.341	75	1447848	471.20	ppb	92
64) 1,1,2-trichloroethane	11.515	83	813236	484.63	ppb	92
65) ethyl methacrylate	11.719	69	1254359	515.55	ppb	85
67) tetrachloroethene	12.437	166	1335438	392.03	ppb	97
68) 1,3-dichloropropane	11.749	76	1492824	423.44	ppb	96
69) dibromochloromethane	12.040	129	1641765	420.90	ppb	97
70) 1,2-dibromoethane	12.292	107	1217482	430.97	ppb	97
71) 2-hexanone	11.879	43	843019	523.66	ppb	96
72) chlorobenzene	13.118	112	3442120	418.85	ppb	88
73) 1,1,1,2-tetrachloroethane	13.038	131	1576088	405.99	ppb	99
74) ethylbenzene	13.293	91	5038603	409.49	ppb	91
75) m,p-xylene	13.478	106	4265527	826.71	ppb	86
76) o-xylene	13.892	106	2326096	407.50	ppb	89
77) styrene	13.818	104	3554163	447.21	ppb	95
78) bromoform	13.647	173	1121087	464.33	ppb	98
79) trans-1,4-dichloro-2-b...	14.044	53	330602	407.52	ppb	# 47
81) isopropylbenzene	14.254	105	6258798	401.08	ppb	94
83) bromobenzene	14.541	156	1782828	431.48	ppb	# 74
84) 1,1,2,2-tetrachloroethane	13.899	83	1457989	411.93	ppb	96
85) 1,2,3-trichloropropane	14.045	75	1515600	422.33	ppb	100
86) n-propylbenzene	14.700	91	6562627	405.53	ppb	88
87) 2-chlorotoluene	14.818	91	4190641	413.79	ppb	82
88) 4-chlorotoluene	14.893	91	4049938	424.71	ppb	84
89) 1,3,5-trimethylbenzene	14.977	105	5847447	410.62	ppb	92
90) tert-butylbenzene	15.283	91	3400504	406.71	ppb	88
91) 1,2,4-trimethylbenzene	15.388	105	5873349	400.35	ppb	96
92) sec-butylbenzene	15.507	105	7519387	398.25	ppb	91

Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150115\
 Data File : U25645.D
 Acq On : 15 Jan 2015 9:30 pm
 Operator : GaryK
 Sample : ic1085-400
 Misc : ms33699,msu1085,,,,,5,1
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 16 12:19:58 2015
 Quant Method : D:\msdchem\1\methods\U150115w.m
 Quant Title : SW-846 Method 8260
 QLast Update : Fri Jan 16 08:55:23 2015
 Response via : Initial Calibration

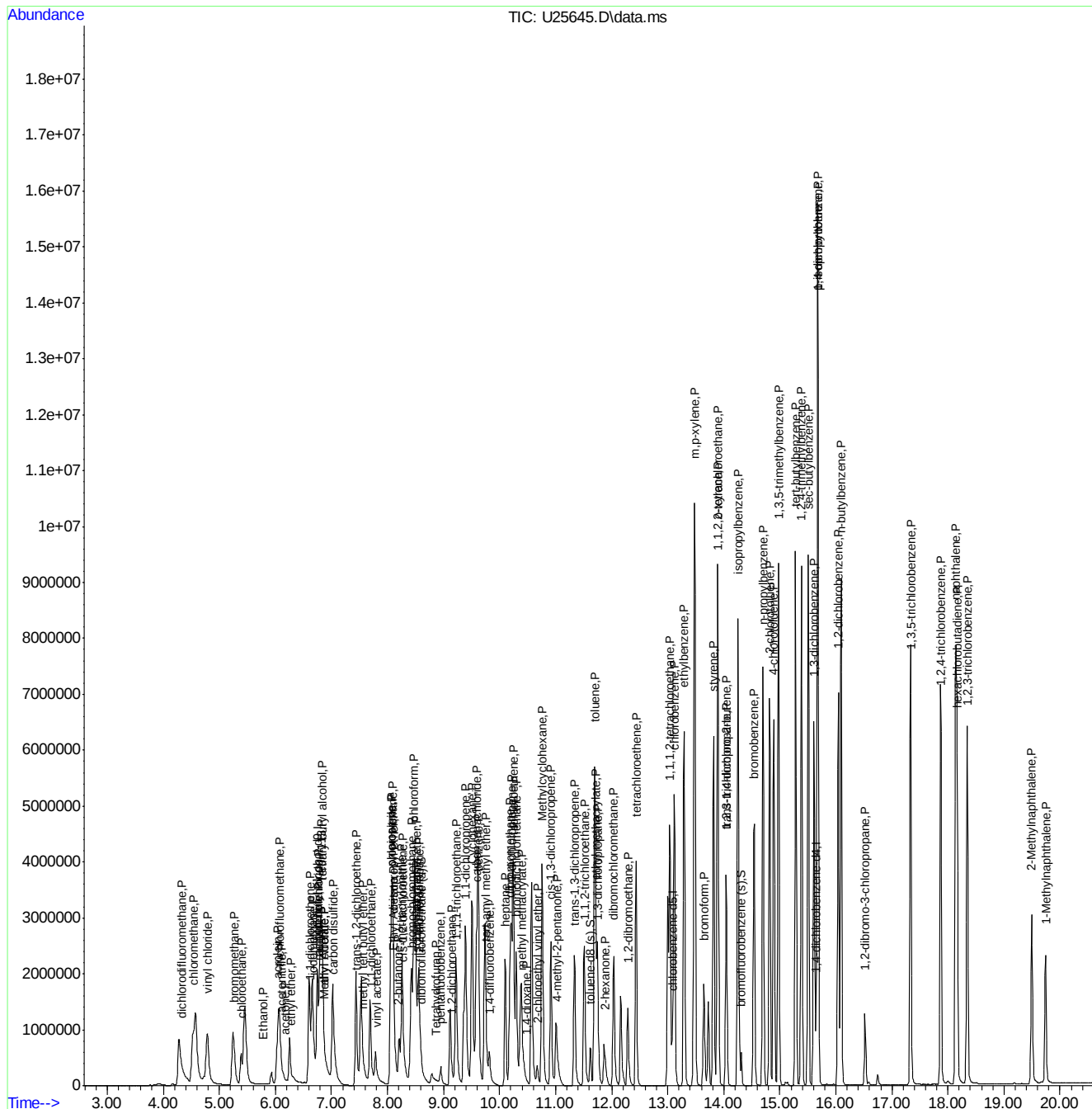
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93)	1,3-dichlorobenzene	15.609	146	3293782	403.37	ppb	99
94)	p-isopropyltoluene	15.679	119	6548203	380.29	ppb	95
95)	1,4-dichlorobenzene	15.676	146	3104323	367.02	ppb	99
96)	1,2-dichlorobenzene	16.044	146	3453494	375.67	ppb	96
97)	n-butylbenzene	16.096	91	5327159	379.52	ppb	85
98)	1,2-dibromo-3-chloropr...	16.523	75	324243	335.96	ppb #	62
99)	1,3,5-trichlorobenzene	17.336	180	2809417	324.48	ug/L	95
100)	1,2,4-trichlorobenzene	17.875	180	2577210	299.07	ppb	93
101)	hexachlorobutadiene	18.164	225	1249877	359.12	ppb	93
102)	naphthalene	18.139	128	6830176	283.45	ppb	100
103)	2-Methylnaphthalene	19.499	142	1997323	136.49	ug/L	97
104)	1-Methylnaphthalene	19.746	142	1508899	135.36	ug/L	97
105)	1,2,3-trichlorobenzene	18.346	180	2413740	286.98	ppb	94

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

Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25645.D
Acq On : 15 Jan 2015 9:30 pm
Operator : GaryK
Sample : ic1085-400
Misc : ms33699,msu1085,,,5,1
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 16 12:19:58 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



U150115w.m Fri Jan 16 12:44:54 2015

Page: 4

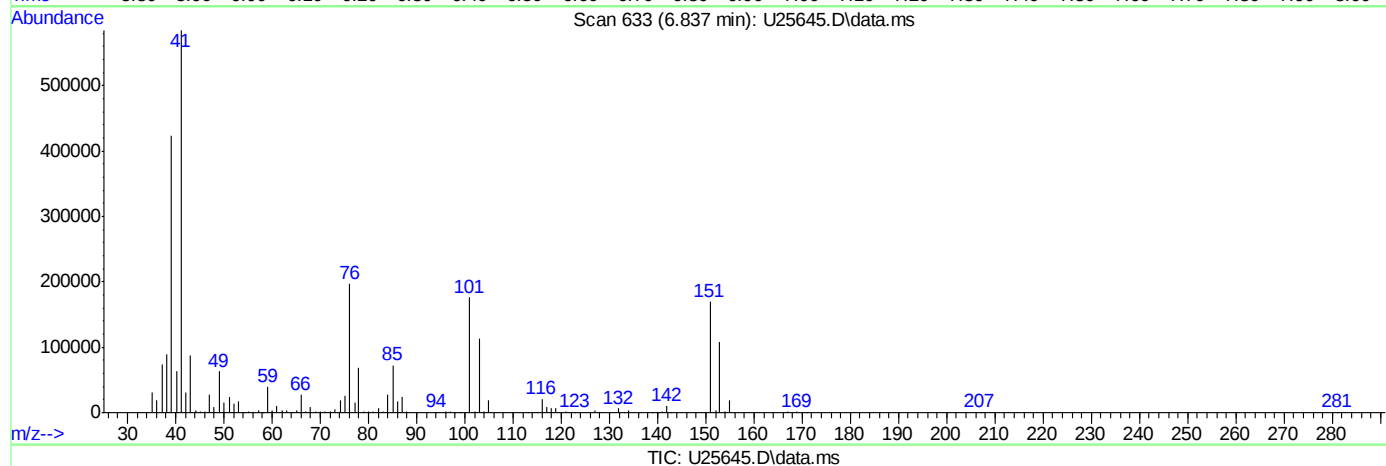
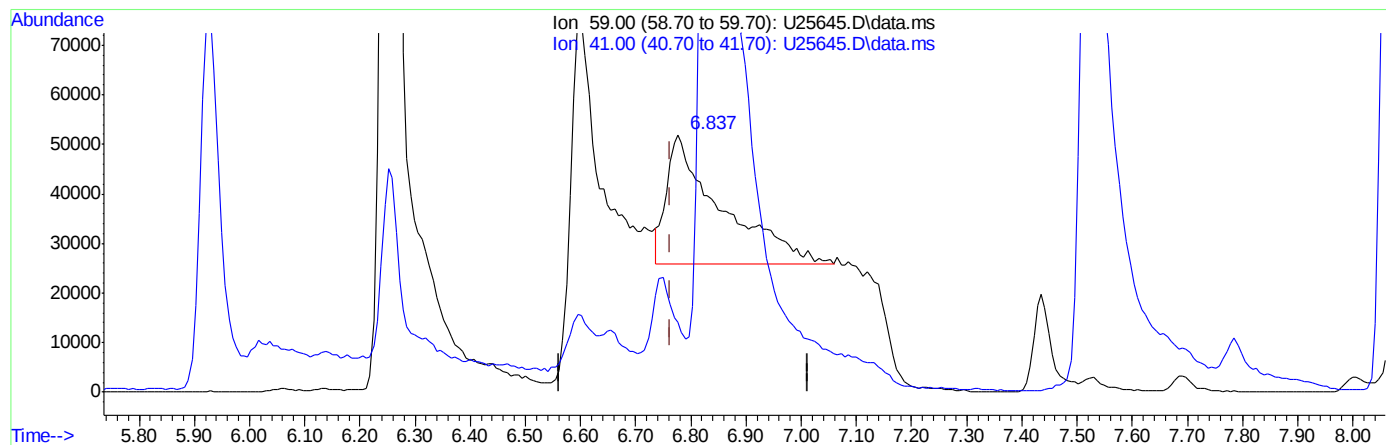
7.6.22



Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25645.D
Acq On : 15 Jan 2015 9:30 pm
Operator : GaryK
Sample : ic1085-400
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 16 09:38:27 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(2) tertiary butyl alcohol (P)

6.837min (+0.074) 584.82ppb

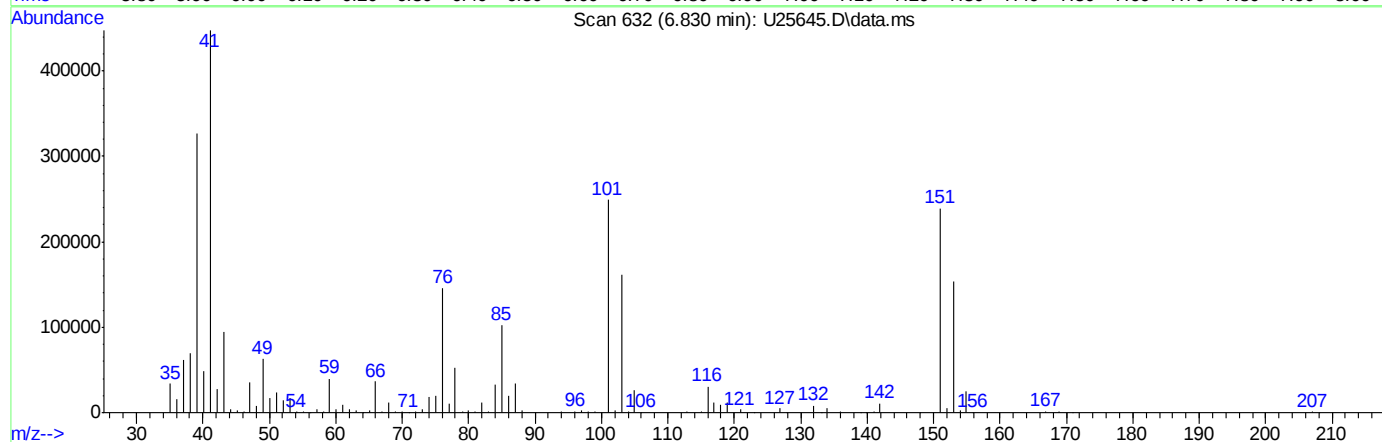
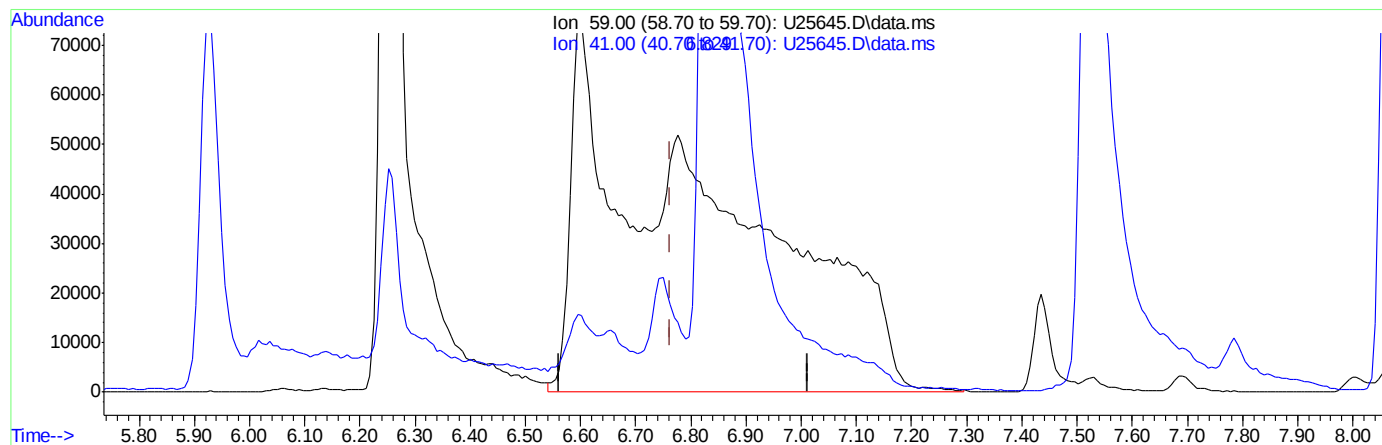
response 178107

Ion	Exp%	Act%
59.00	100	100
41.00	23.90	4423.55#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25645.D
Acq On : 15 Jan 2015 9:30 pm
Operator : GaryK
Sample : ic1085-400
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 16 09:38:27 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25645.D\data.ms

(2) tertiary butyl alcohol (P)

6.830min (+0.067) 4139.04ppb m

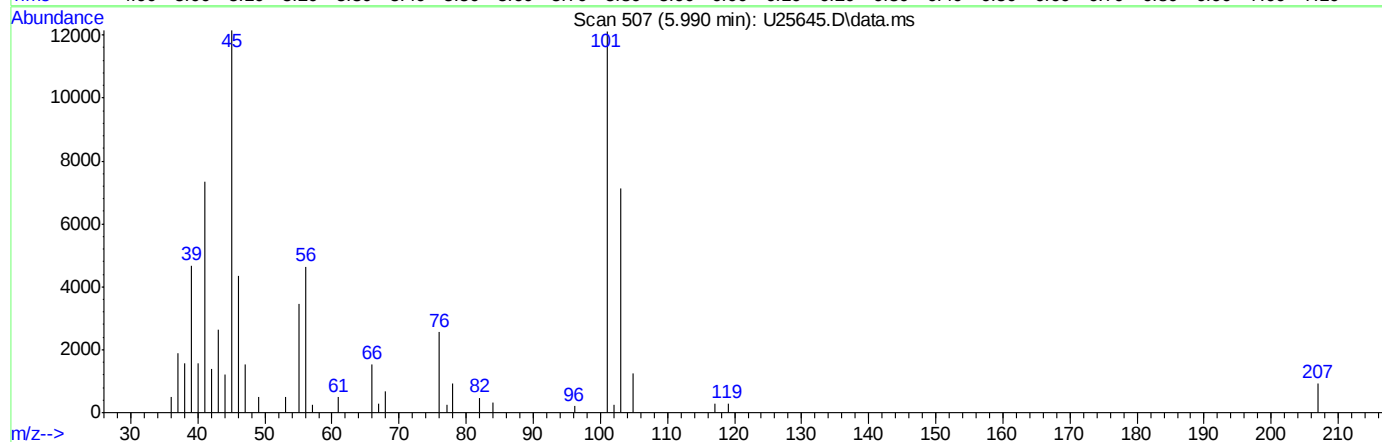
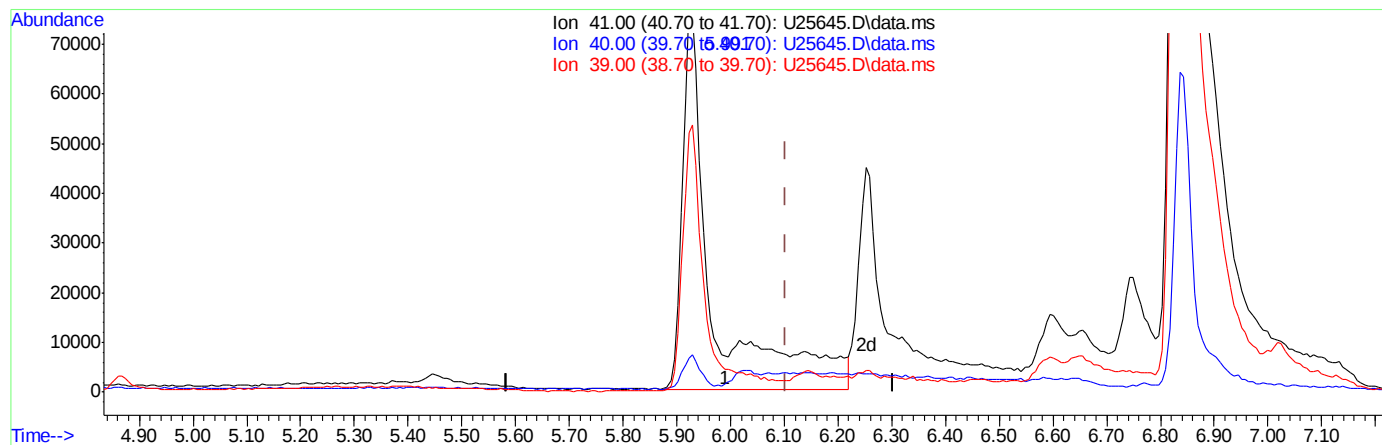
response 1260547

Ion	Exp%	Act%
59.00	100	100
41.00	23.90	1129.27#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25645.D
Acq On : 15 Jan 2015 9:30 pm
Operator : GaryK
Sample : ic1085-400
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 16 09:38:27 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25645.D\data.ms

(11) acetonitrile (P)

5.991min (-0.113) 1100.82ppb

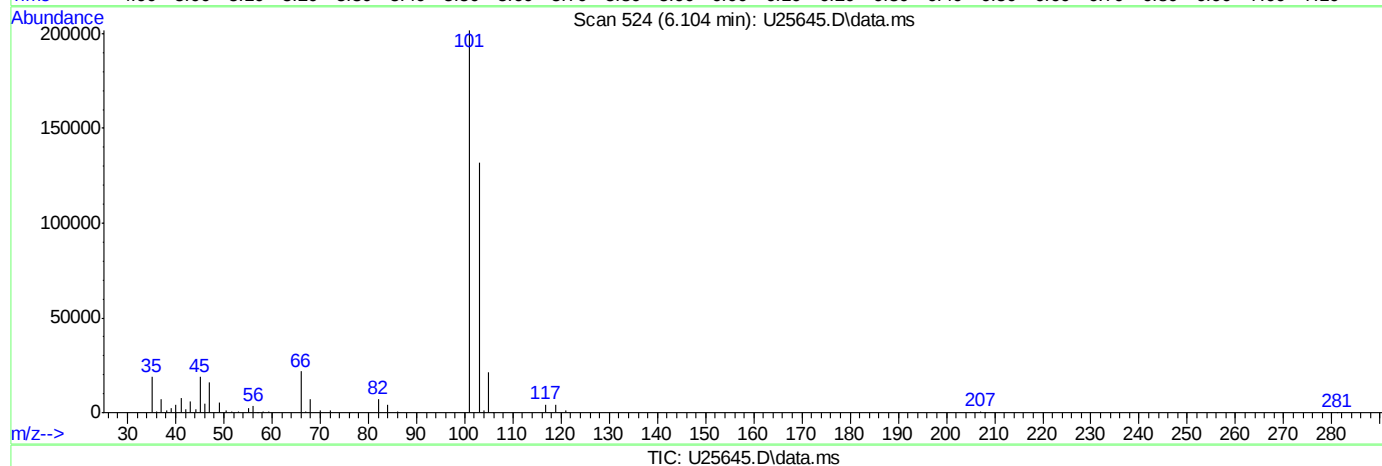
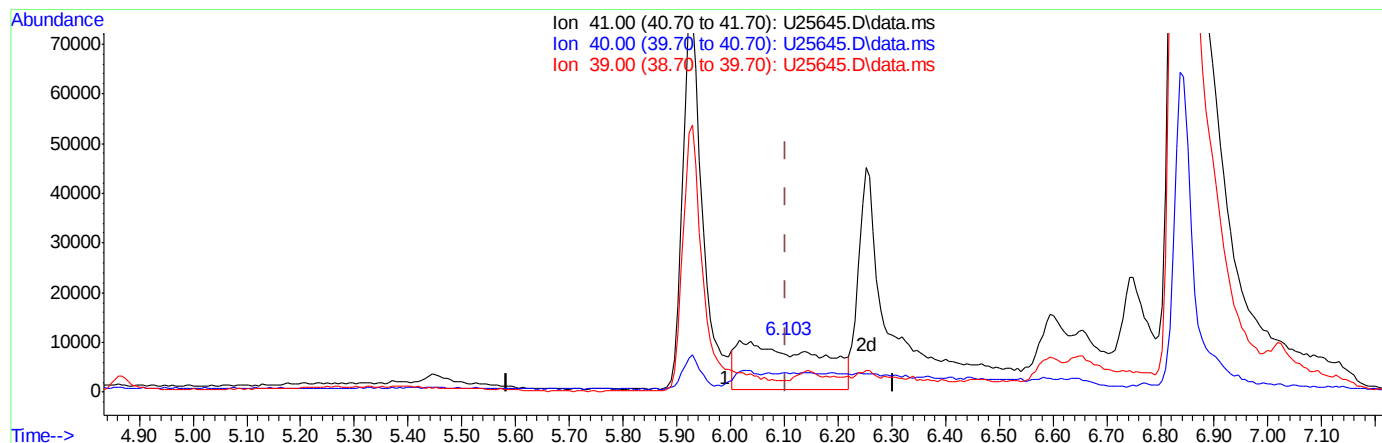
response 294856

Ion	Exp%	Act%
41.00	100	100
40.00	92.30	13.97#
39.00	24.50	66.42#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25645.D
Acq On : 15 Jan 2015 9:30 pm
Operator : GaryK
Sample : ic1085-400
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 16 09:38:27 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(11) acetonitrile (P)

6.104min (0.000) 361.62ppb m

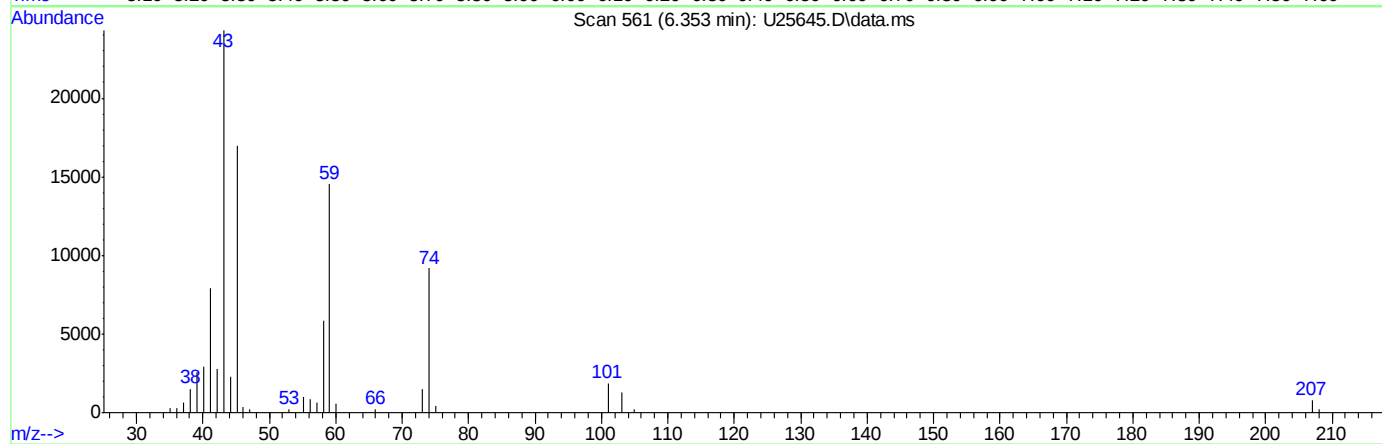
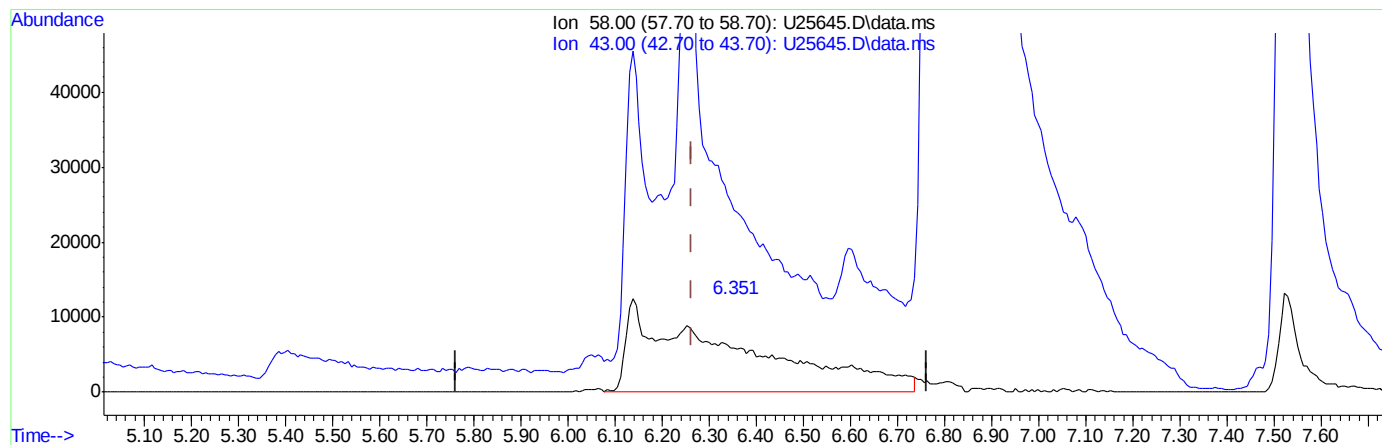
response 96861

Ion	Exp%	Act%
41.00	100	100
40.00	92.30	52.08#
39.00	24.50	30.60
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25645.D
Acq On : 15 Jan 2015 9:30 pm
Operator : GaryK
Sample : ic1085-400
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 16 09:38:27 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(16) acetone (P)

6.351min (+0.087) 604.28ppb

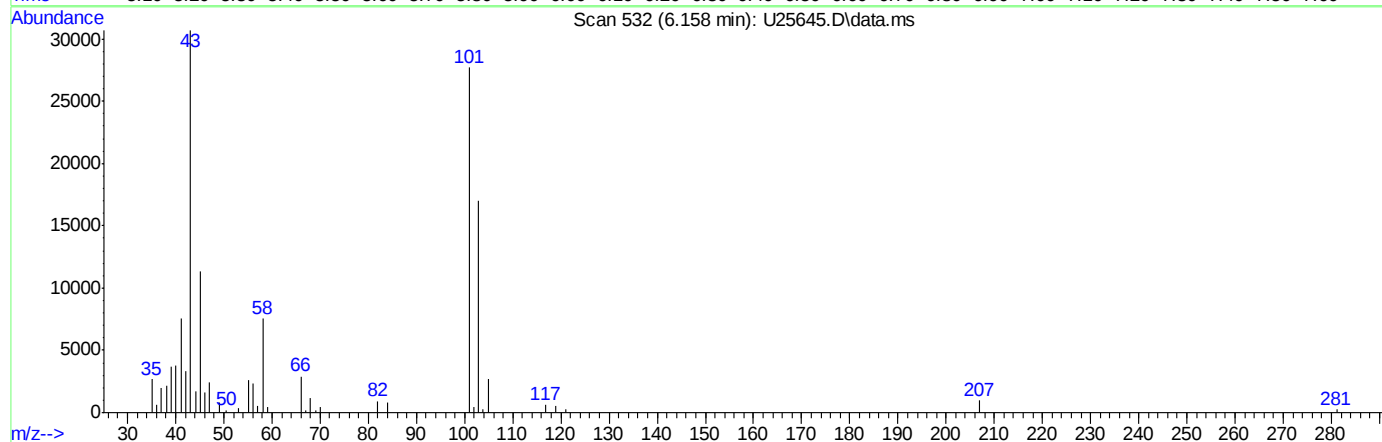
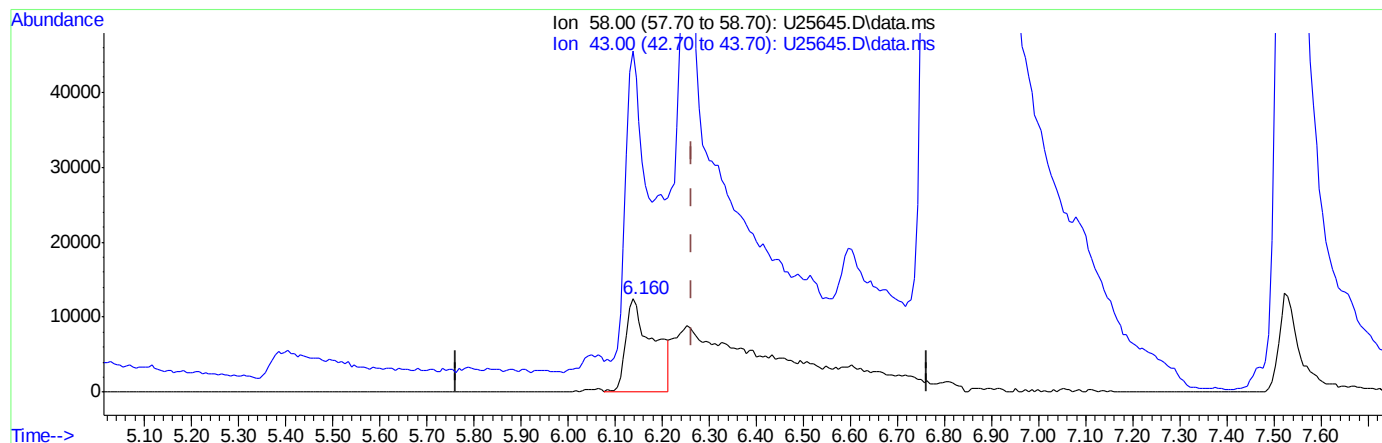
response 192673

Ion	Exp%	Act%
58.00	100	100
43.00	308.80	345.89#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25645.D
Acq On : 15 Jan 2015 9:30 pm
Operator : GaryK
Sample : ic1085-400
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 16 09:38:27 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(16) acetone (P)

6.158min (-0.106) 156.95ppb m

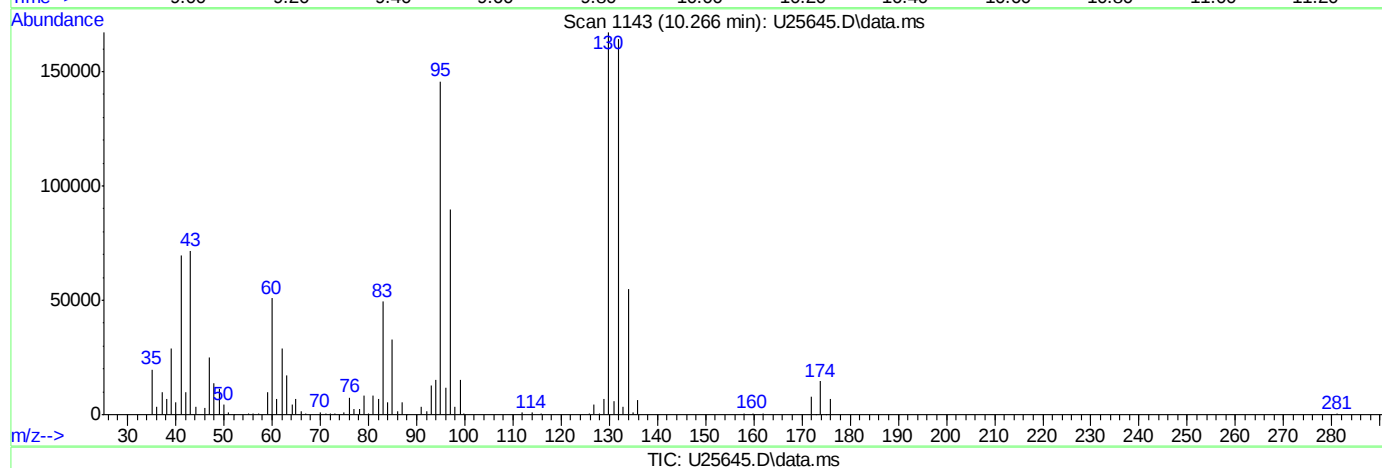
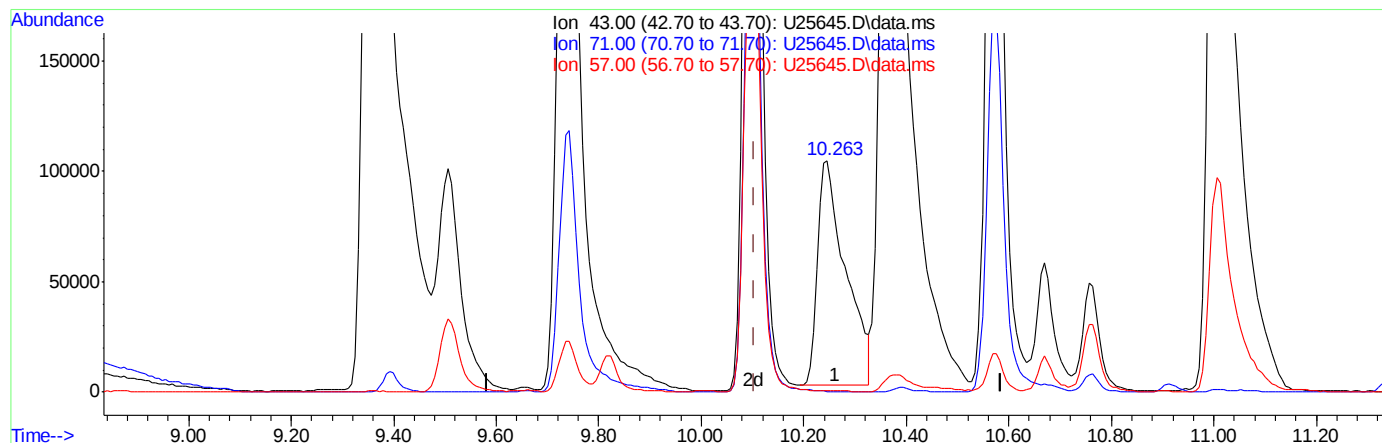
response 50043

Ion	Exp%	Act%
58.00	100	100
43.00	308.80	406.89#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25645.D
Acq On : 15 Jan 2015 9:30 pm
Operator : GaryK
Sample : ic1085-400
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 16 09:38:27 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(50) heptane (P)

10.263min (+0.158) 133.06ppb

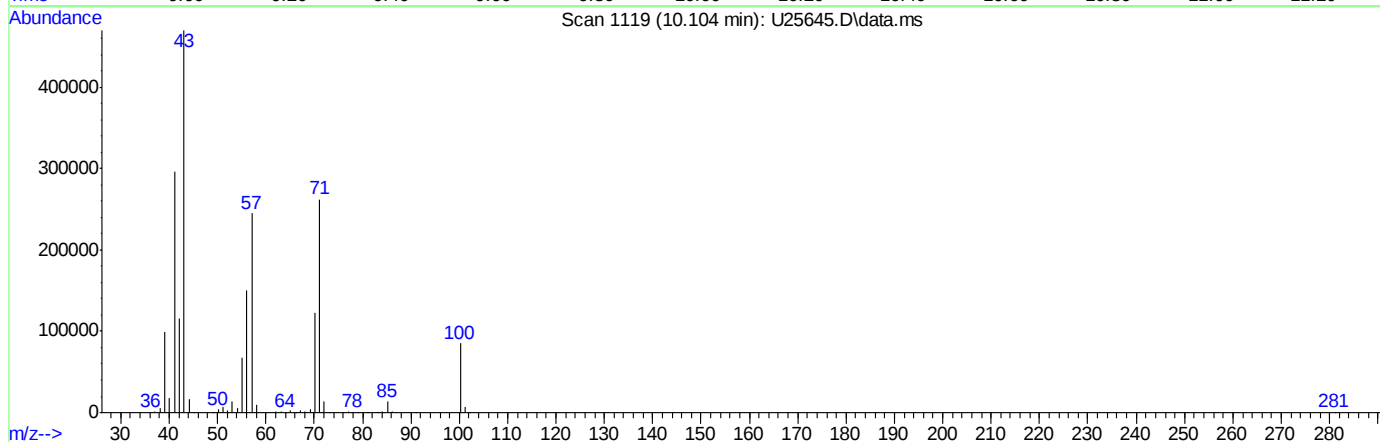
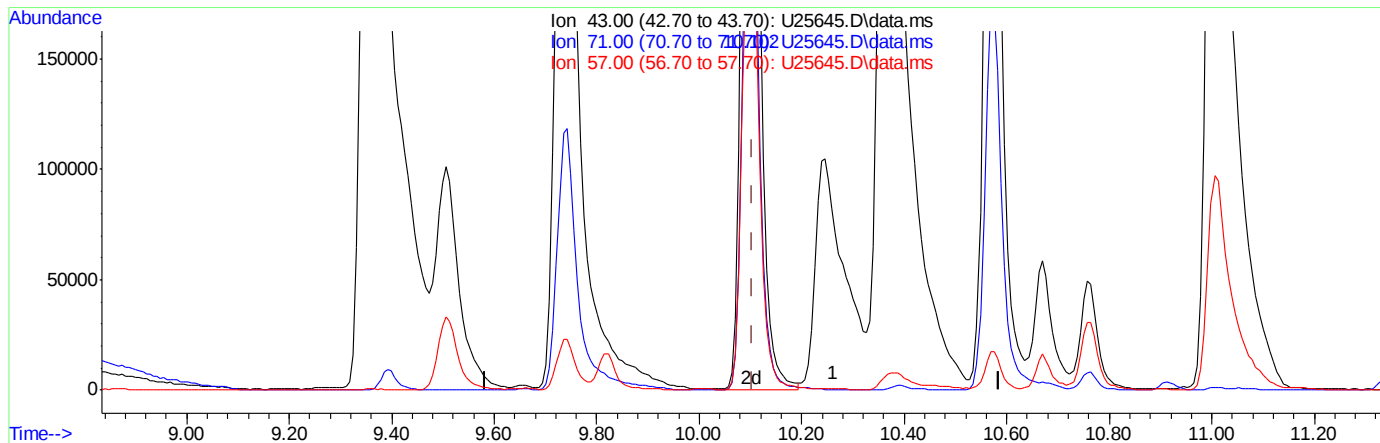
response 389896

Ion	Exp%	Act%
43.00	100	100
71.00	26.10	0.57
57.00	5.80	0.33
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25645.D
Acq On : 15 Jan 2015 9:30 pm
Operator : GaryK
Sample : ic1085-400
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 16 09:38:27 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25645.D\data.ms

(50) heptane (P)

10.104min (+0.000) 357.24ppb m

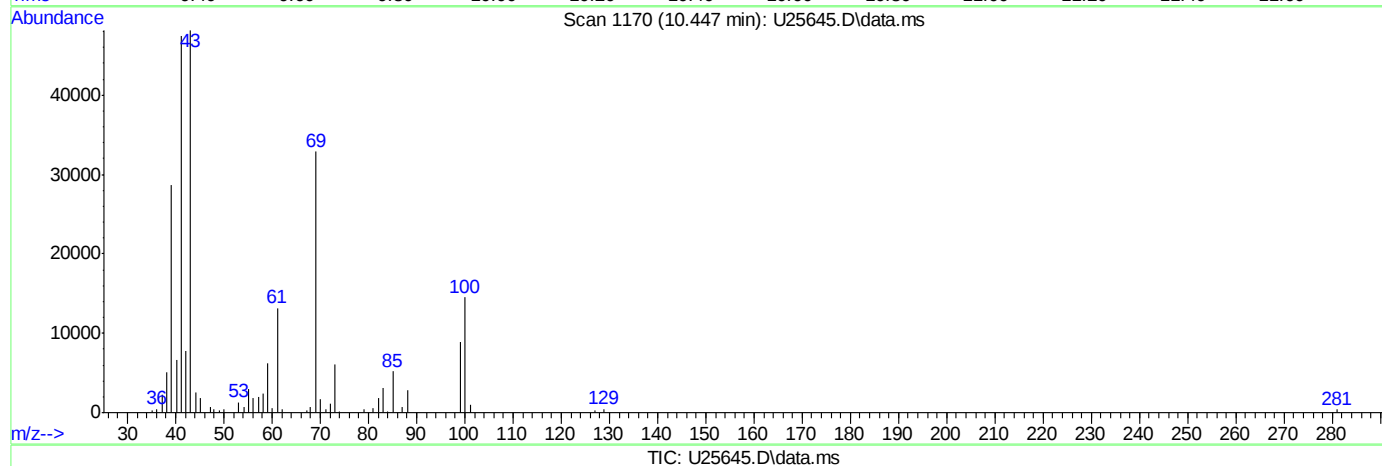
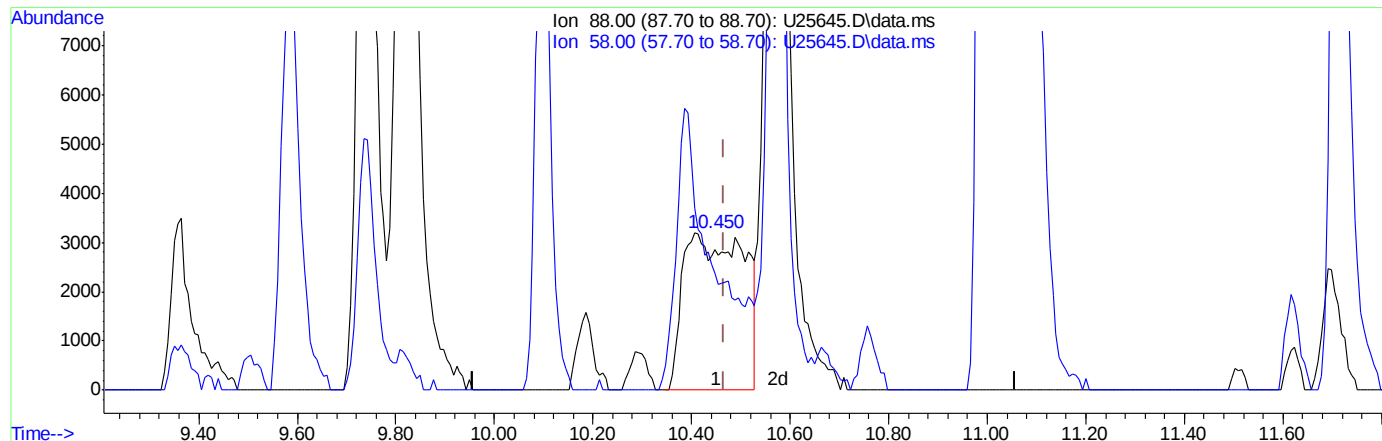
response 1046754

Ion	Exp%	Act%
43.00	100	100
71.00	26.10	55.86
57.00	5.80	52.19#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25645.D
Acq On : 15 Jan 2015 9:30 pm
Operator : GaryK
Sample : ic1085-400
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 16 09:38:27 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(58) 1,4-dioxane (P)

10.450min (-0.017) 4120.11ppb

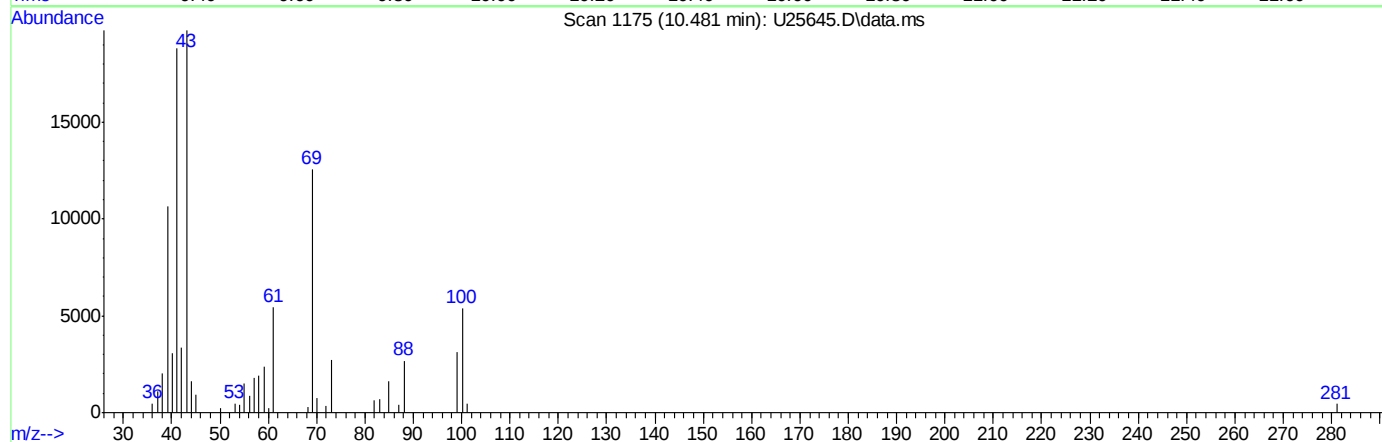
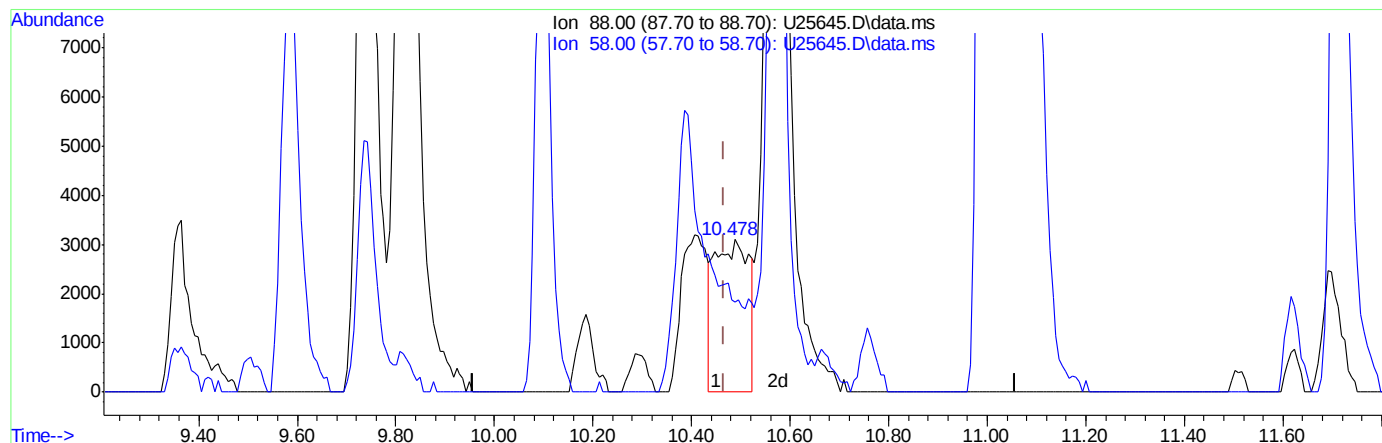
response 27300

Ion	Exp%	Act%
88.00	100	100
58.00	109.20	65.36#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25645.D
Acq On : 15 Jan 2015 9:30 pm
Operator : GaryK
Sample : ic1085-400
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 16 09:38:27 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25645.D\data.ms

(58) 1,4-dioxane (P)

10.481min (+0.013) 2219.28ppb m

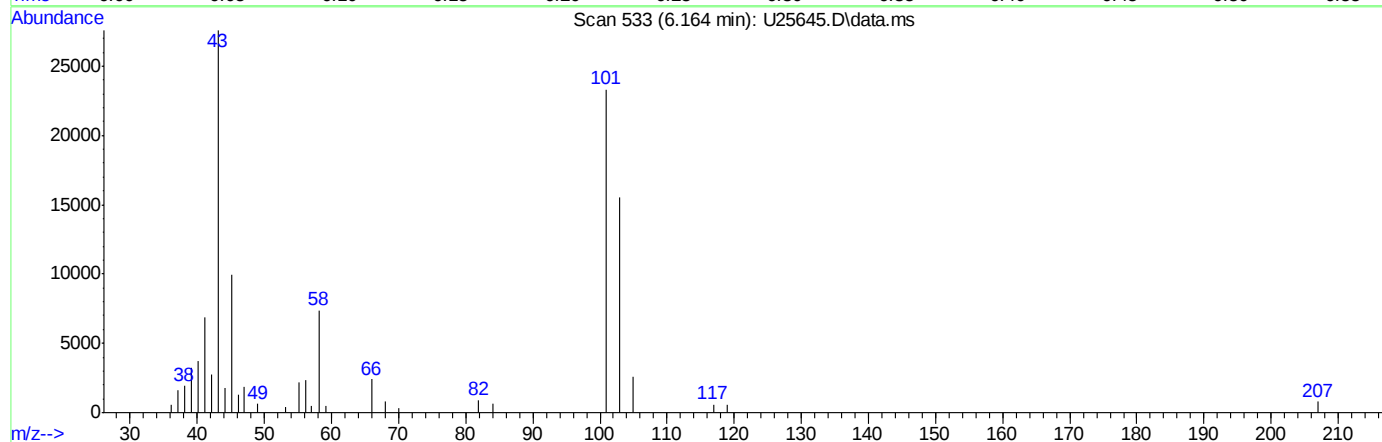
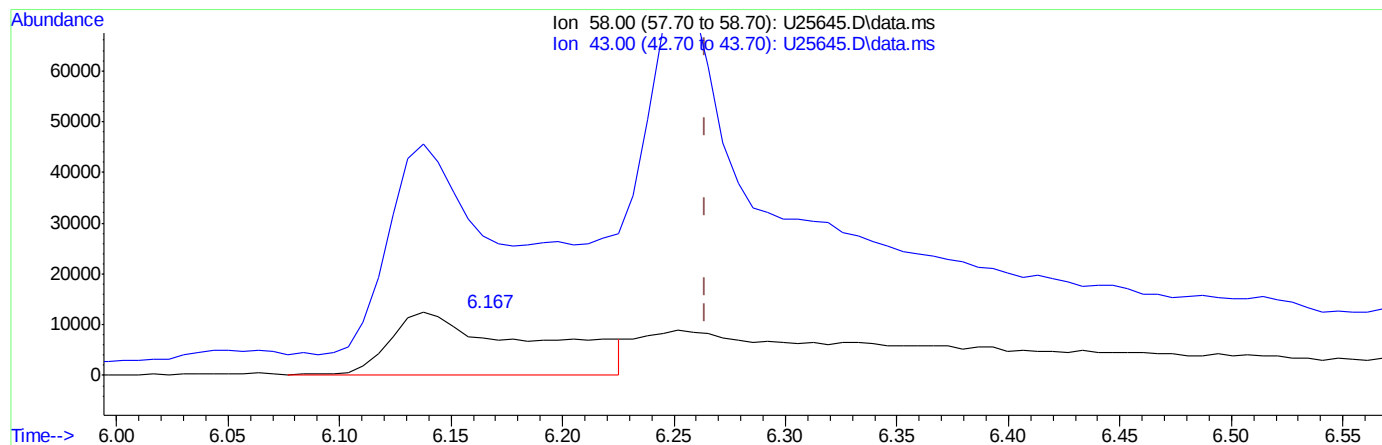
response 14705

Ion	Exp%	Act%
88.00	100	100
58.00	109.20	70.24#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25645.D
Acq On : 15 Jan 2015 9:30 pm
Operator : GaryK
Sample : ic1085-400
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 16 09:39:40 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(16) acetone (P)

6.164min (-0.099) 174.95ppb m

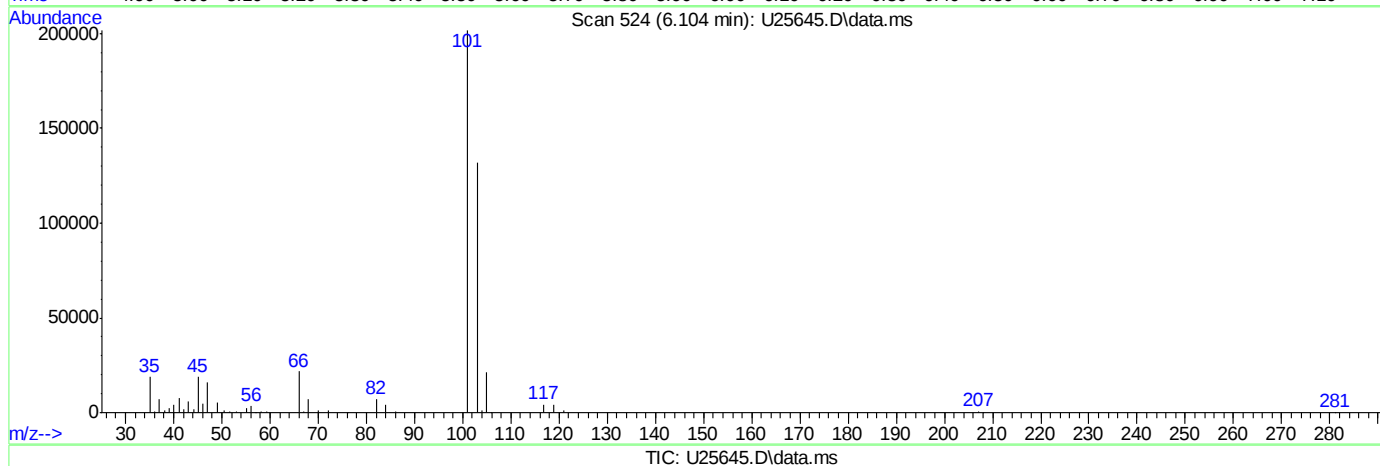
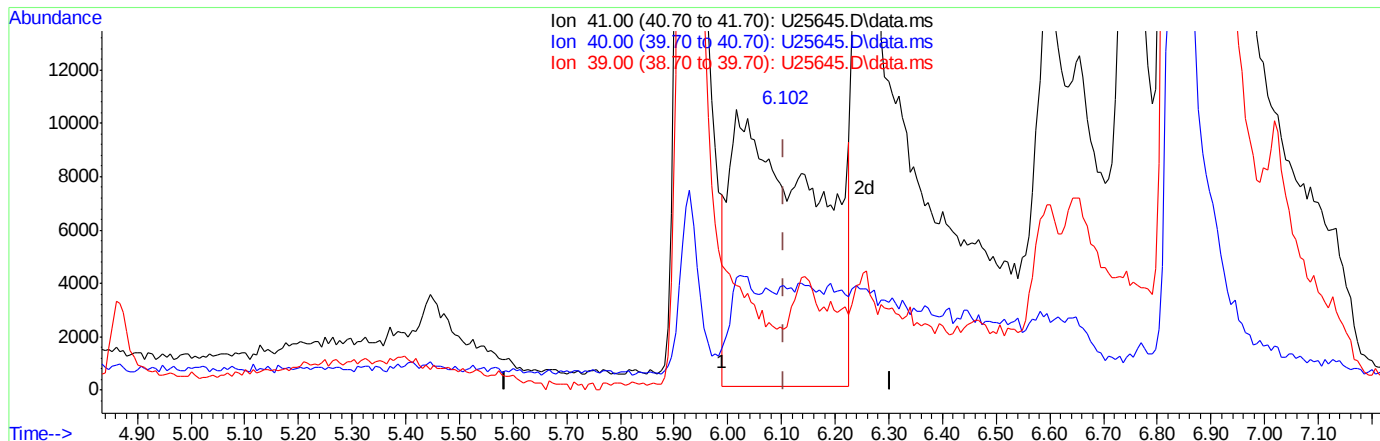
response 55781

Ion	Exp%	Act%
58.00	100	100
43.00	308.80	372.60#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25645.D
Acq On : 15 Jan 2015 9:30 pm
Operator : GaryK
Sample : ic1085-400
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 16 11:16:52 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(11) acetonitrile (P)

6.104min (0.000) 418.99ppb m

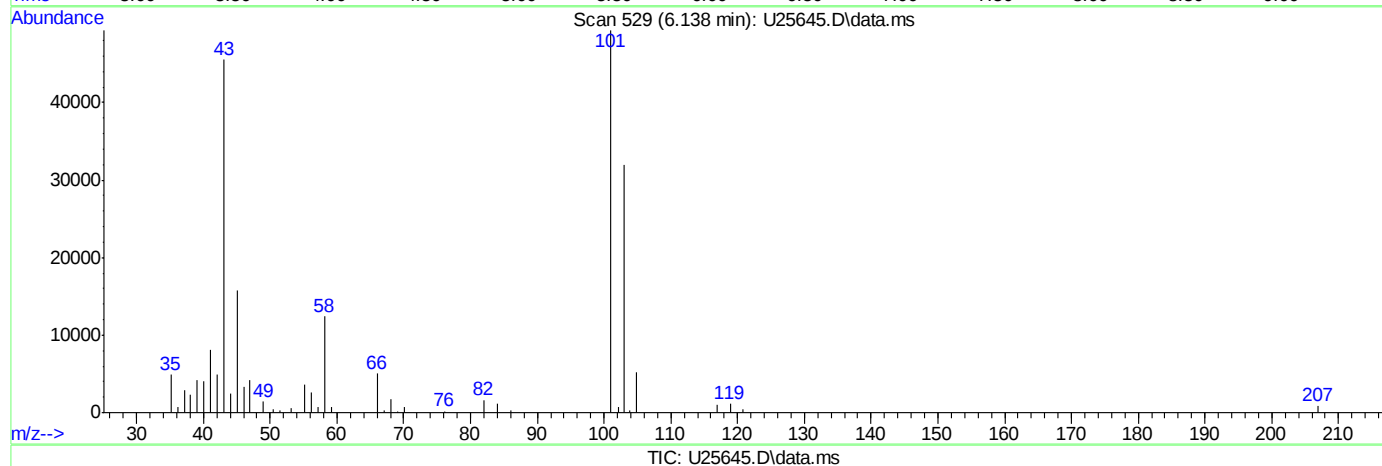
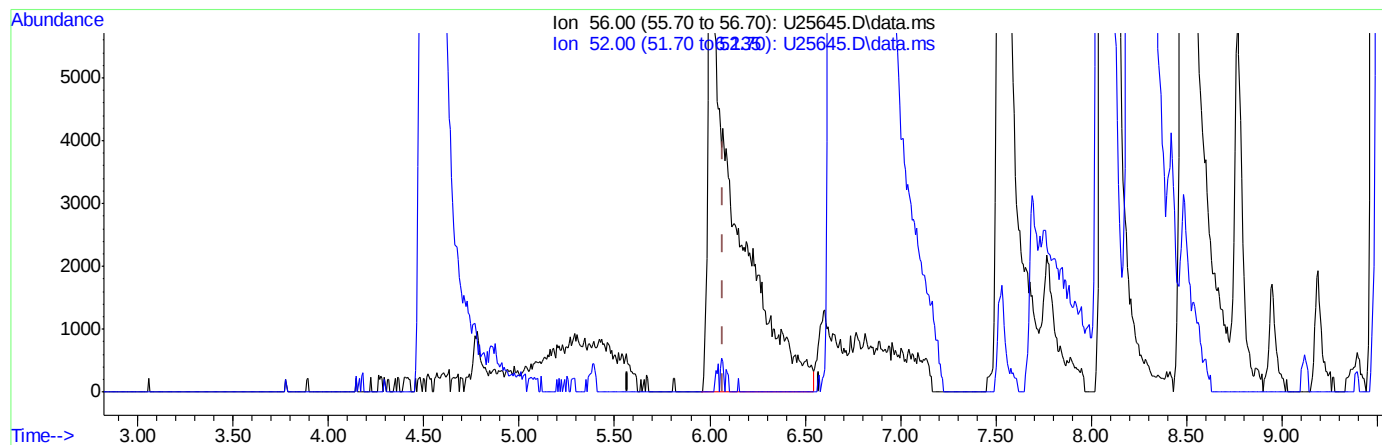
response 112226

Ion	Exp%	Act%
41.00	100	100
40.00	92.30	52.08#
39.00	24.50	30.60
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25645.D
Acq On : 15 Jan 2015 9:30 pm
Operator : GaryK
Sample : ic1085-400
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 16 11:27:06 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(14) acrolein (P)

6.135min (+0.061) 3482.07ppb

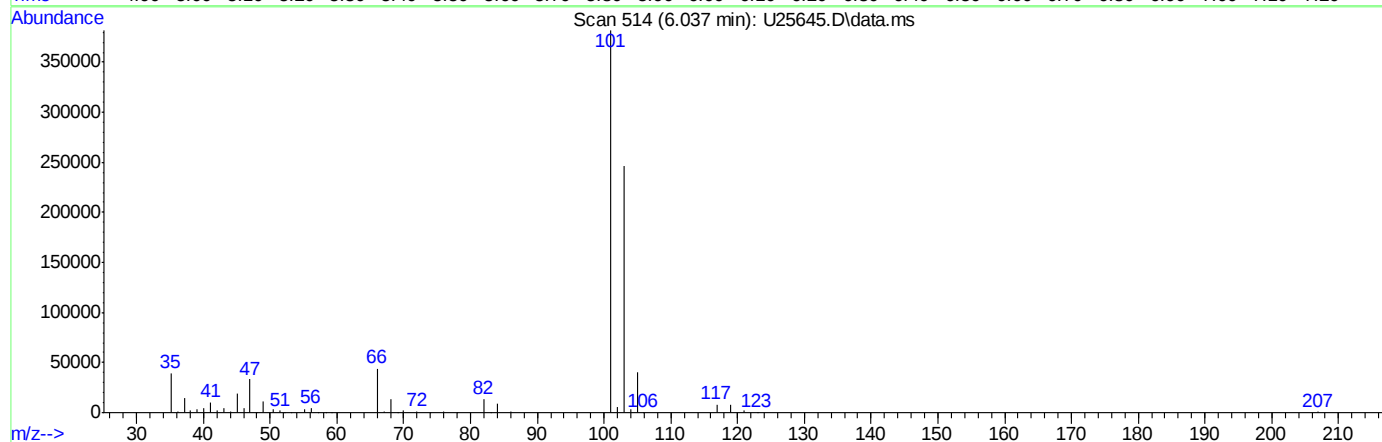
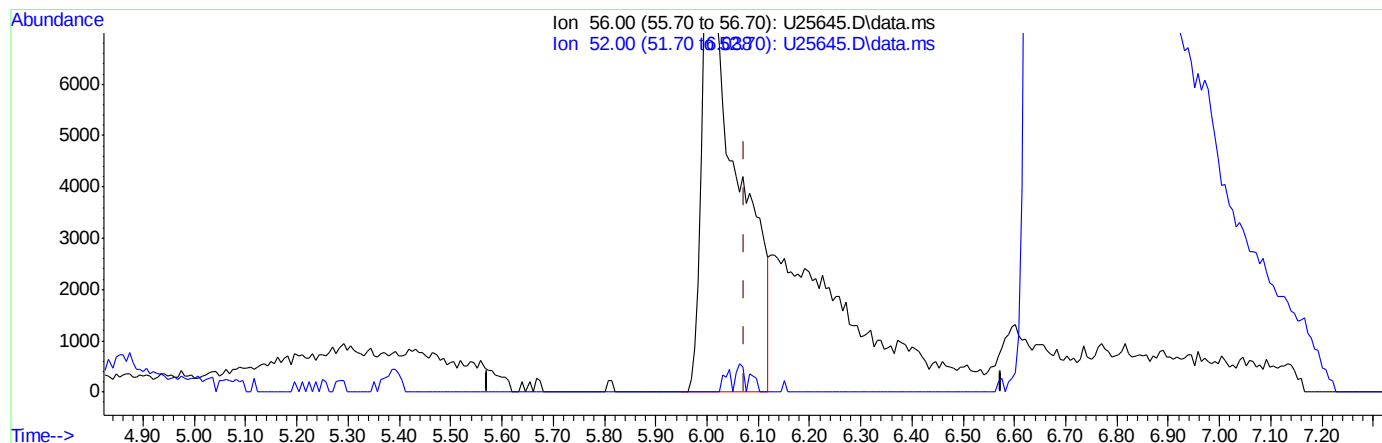
response 76115

Ion	Exp%	Act%
56.00	100	100
52.00	2.80	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25645.D
Acq On : 15 Jan 2015 9:30 pm
Operator : GaryK
Sample : ic1085-400
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 16 11:27:06 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25645.D\data.ms

(14) acrolein (P)

6.037min (-0.037) 1986.58ppb m

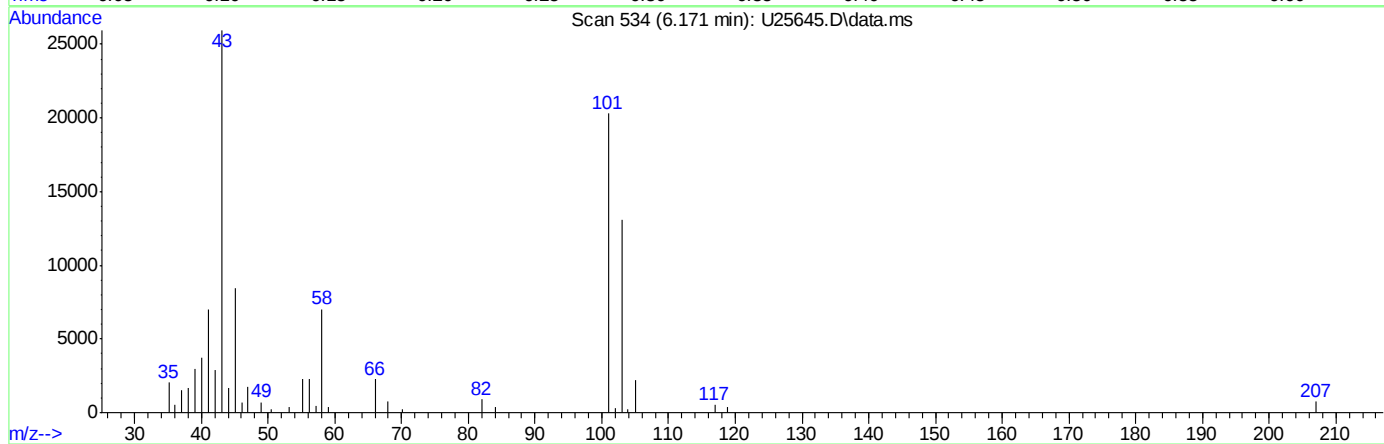
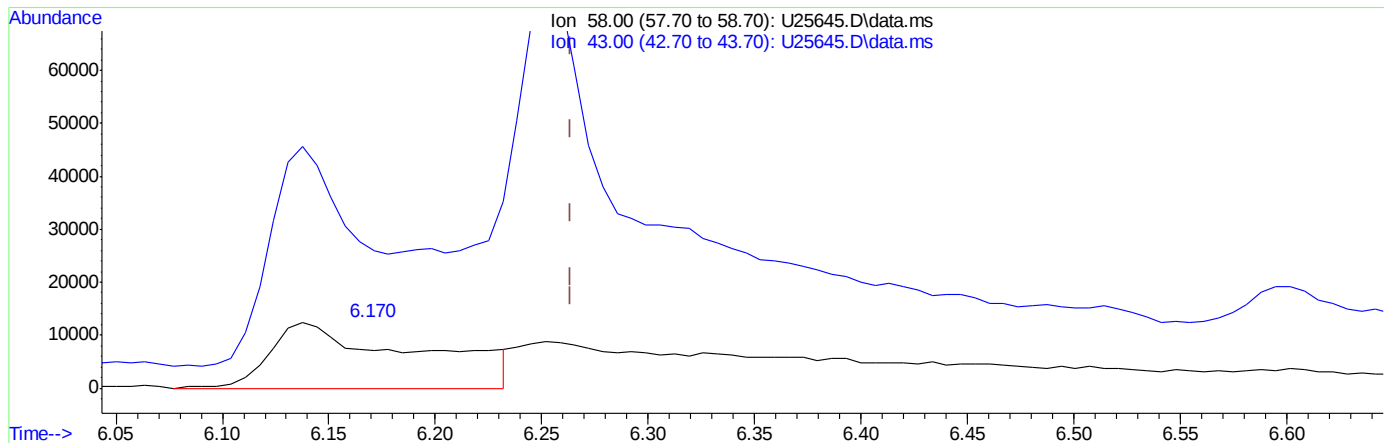
response 43425

Ion	Exp%	Act%
56.00	100	100
52.00	2.80	6.39
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25645.D
Acq On : 15 Jan 2015 9:30 pm
Operator : GaryK
Sample : ic1085-400
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 16 11:32:43 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(16) acetone (P)

6.171min (-0.093) 184.08ppb m

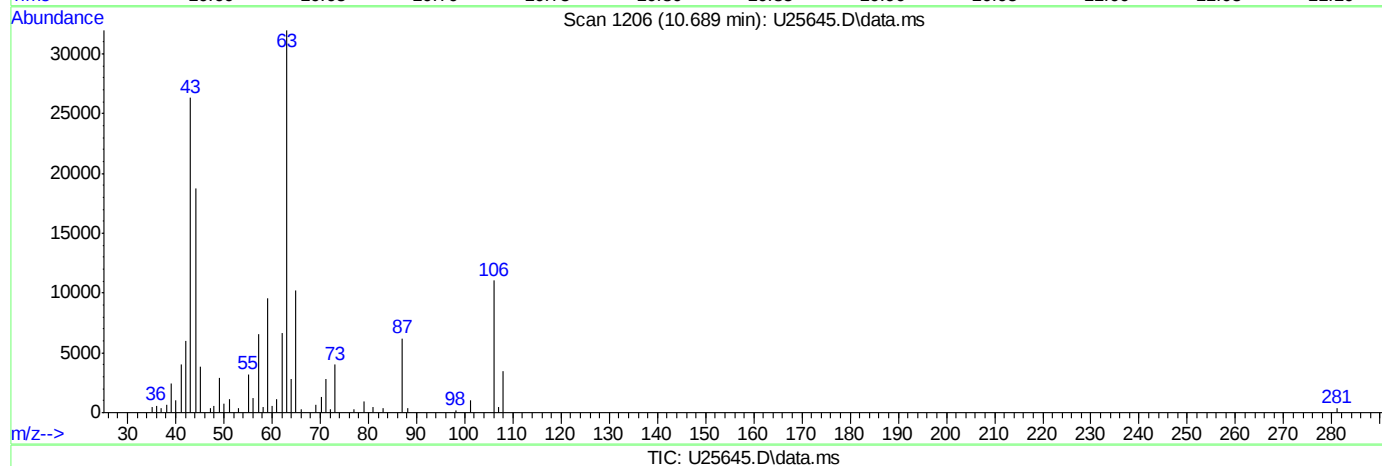
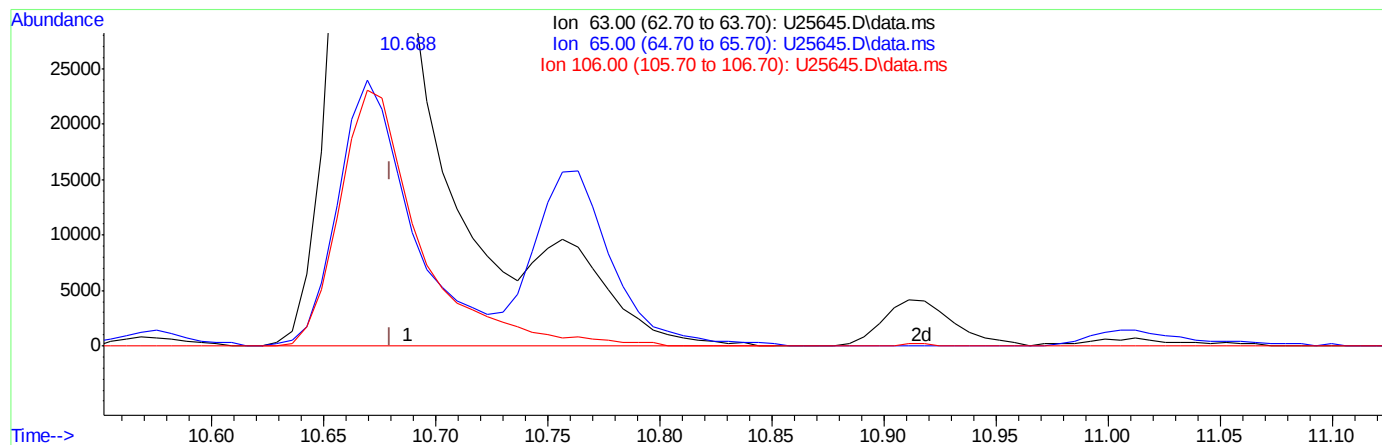
response 58693

Ion	Exp%	Act%
58.00	100	100
43.00	308.80	370.21#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25645.D
Acq On : 15 Jan 2015 9:30 pm
Operator : GaryK
Sample : ic1085-400
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 16 11:38:27 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(56) 2-chloroethyl vinyl ether (P)

10.688min (+0.008) 618.96ppb

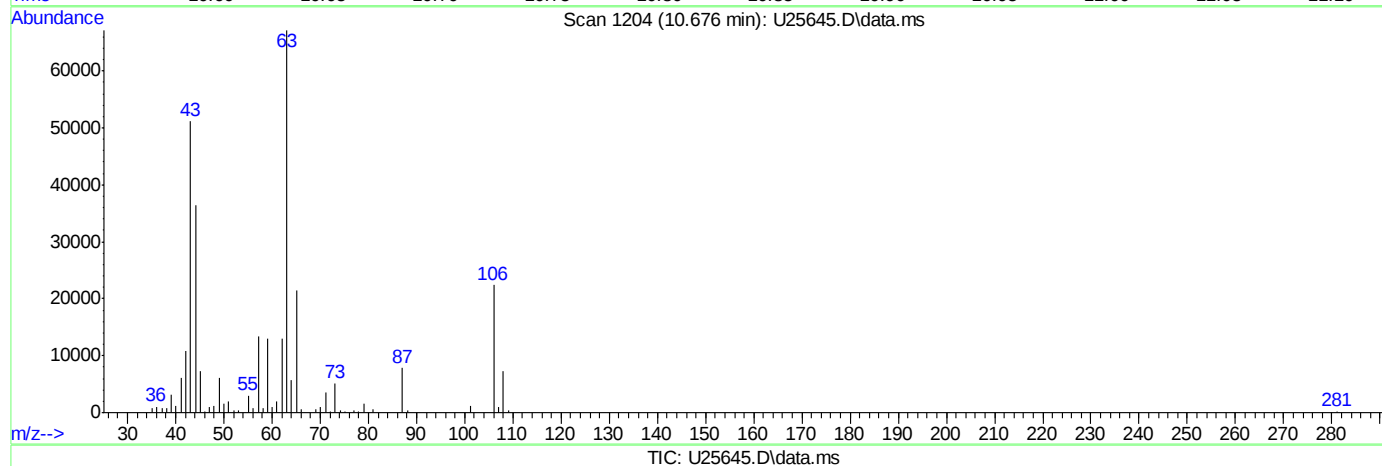
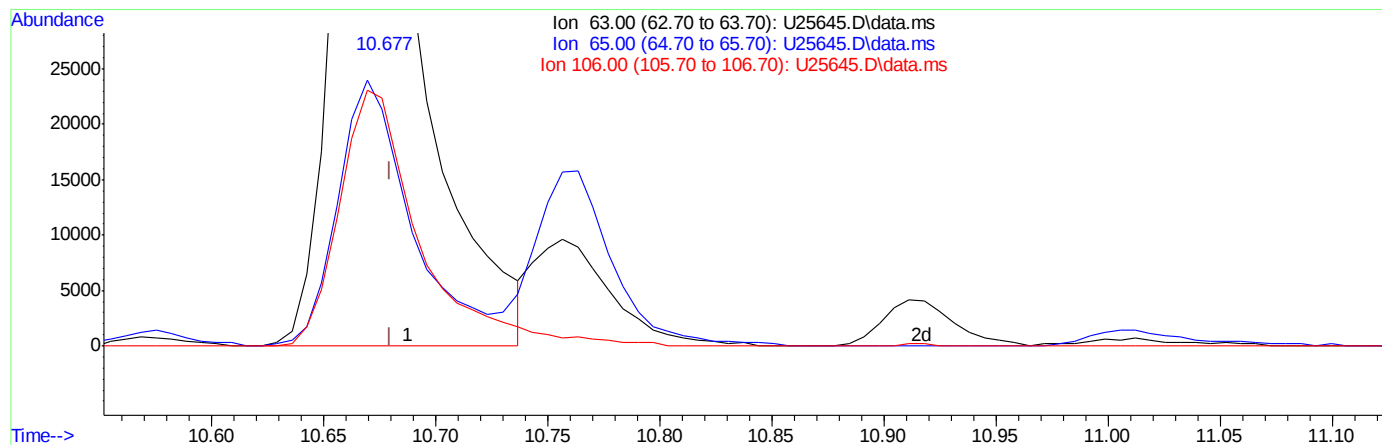
response 197761

Ion	Exp%	Act%
63.00	100	100
65.00	29.80	32.00
106.00	21.20	34.51
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25645.D
Acq On : 15 Jan 2015 9:30 pm
Operator : GaryK
Sample : ic1085-400
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 16 11:38:27 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



(56) 2-chloroethyl vinyl ether (P)

10.676min (-0.004) 546.58ppb m

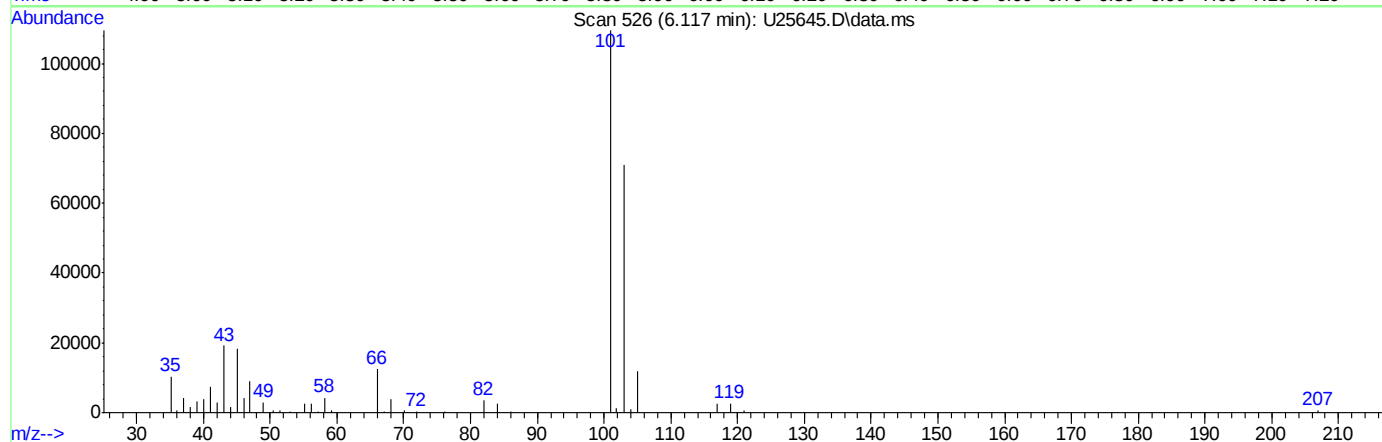
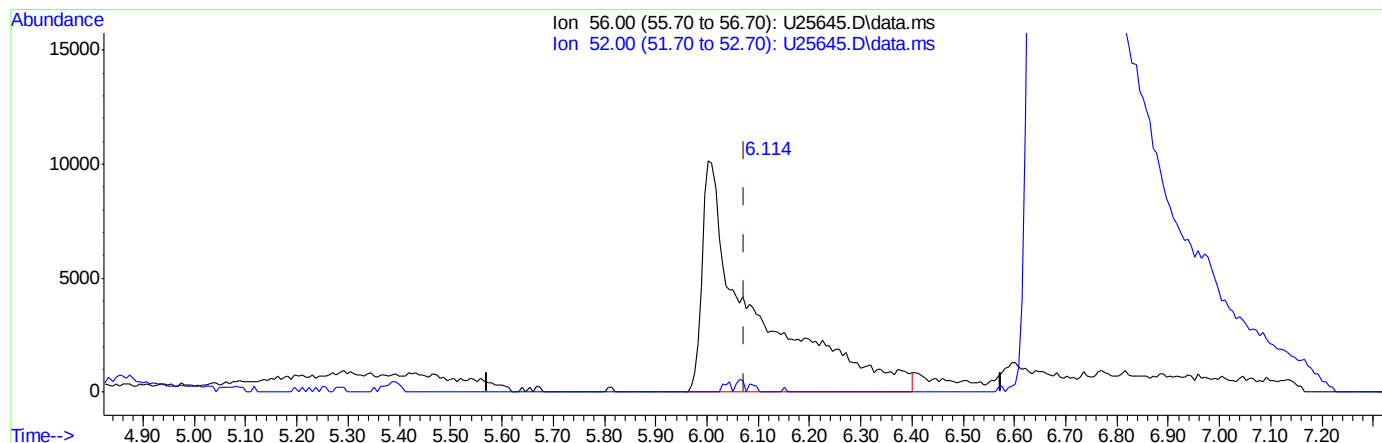
response 174637

Ion	Exp%	Act%
63.00	100	100
65.00	29.80	31.88
106.00	21.20	33.33
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25645.D
Acq On : 15 Jan 2015 9:30 pm
Operator : GaryK
Sample : ic1085-400
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 16 11:47:48 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25645.D\data.ms

(14) acrolein (P)

6.117min (+0.044) 3279.59ppb m

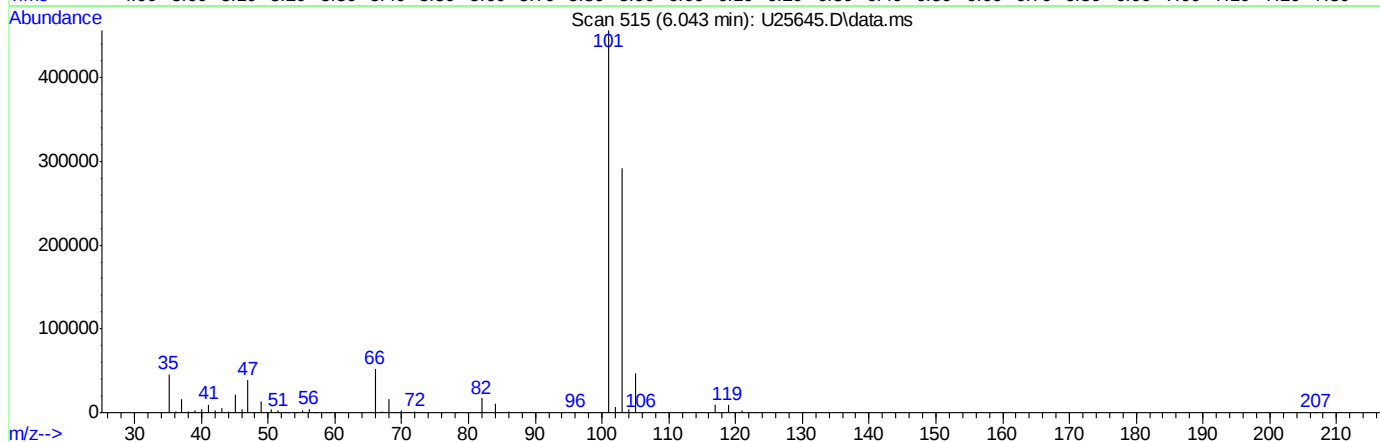
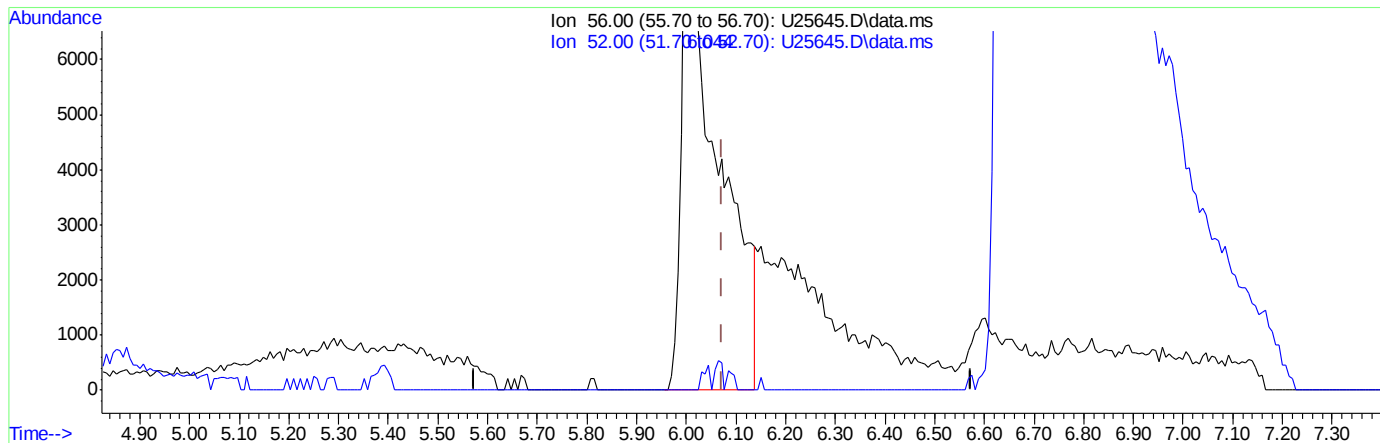
response 71689

Ion	Exp%	Act%
56.00	100	100
52.00	2.80	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25645.D
Acq On : 15 Jan 2015 9:30 pm
Operator : GaryK
Sample : ic1085-400
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 16 12:18:05 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 08:55:23 2015
Response via : Initial Calibration



TIC: U25645.D\data.ms

(14) acrolein (P)

6.043min (-0.030) 2133.07ppb m

response 46627

Ion	Exp%	Act%
56.00	100	100
52.00	2.80	9.92
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150115\
 Data File : U25649.D
 Acq On : 15 Jan 2015 11:21 pm
 Operator : GaryK
 Sample : icv1085-50
 Misc : ms33699,msu1085,,,,5,1
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 15:18:14 2015
 Quant Method : D:\msdchem\1\methods\U150115w.m
 Quant Title : SW-846 Method 8260
 QLast Update : Fri Jan 16 15:13:47 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	6.714	65	68245	500.00	ppb	0.03
4) pentafluorobenzene	8.959	168	323819	50.00	ppb	0.00
43) 1,4-difluorobenzene	9.827	114	474444	50.00	ppb	0.00
66) chlorobenzene-d5	13.082	82	180149	50.00	ppb	# 0.00
80) 1,4-dichlorobenzene-d4	15.647	152	228423	50.00	ppb	0.00
System Monitoring Compounds						
40) dibromofluoromethane (s)	8.599	113	176584	50.09	ppb	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	100.18%		
60) toluene-d8 (s)	11.624	98	462344	48.78	ppb	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.56%		
82) bromofluorobenzene (s)	14.312	95	162392	49.12	ppb	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.24%		
Target Compounds						
						Qvalue
2) tertiary butyl alcohol	6.783	59	93947m	527.12	ppb	
3) Ethanol	5.707	45	58130	5105.94	ppb	97
5) dichlorodifluoromethane	4.334	85	273159	45.12	ppb	99
6) chloromethane	4.560	50	270814	52.04	ppb	98
7) vinyl chloride	4.810	62	232237	51.05	ppb	100
8) bromomethane	5.279	96	161659	49.75	ppb	98
9) chloroethane	5.404	64	91075m	57.40	ppb	
10) ethyl ether	6.282	59	105870	52.36	ppb	87
11) acetone	6.097	41	13641m	47.10	ppb	
12) trichlorofluoromethane	6.085	101	341851	55.86	ppb	100
13) freon-113	6.826	101	200448	49.31	ppb	89
15) 1,1-dichloroethene	6.627	96	154935	46.59	ppb	# 72
16) acetone	6.178	58	8260m	42.68	ppb	
17) Methyl Acetate	6.857	43	124008m	31.63	ppb	
18) methylene chloride	6.771	84	159603	50.10	ppb	# 72
19) methyl tert butyl ether	7.557	73	399075	51.93	ppb	93
20) acrylonitrile	6.733	53	48552	42.58	ppb	99
21) allyl chloride	6.866	41	218895	46.29	ppb	85
22) trans-1,2-dichloroethene	7.454	96	152912	50.57	ppb	# 73
23) iodomethane	6.683	142	355360	48.97	ppb	96
24) carbon disulfide	7.056	76	511120	46.12	ppb	99
25) propionitrile	8.066	54	10661	45.84	ppb	100
26) vinyl acetate	7.815	43	265468	78.95	ppb	95
27) chloroprene	8.067	53	178660	44.84	ppb	83
28) di-isopropyl ether	8.109	45	410645	51.11	ppb	94
29) methacrylonitrile	8.242	41	84179m	44.32	ppb	
30) 2-butanone	8.164	72	18818	45.58	ppb	# 1
31) Ethyl Acetate	8.109	43	357012	46.78	ug/L	# 61
32) Hexane	8.090	41	194125	47.40	ppb	86
33) 1,1-dichloroethane	7.703	63	226184	49.43	ppb	94
34) tert-butyl ethyl ether	8.506	59	415631	49.46	ppb	86
35) isobutyl alcohol	8.525	43	76285	249.76	ppb	# 65
36) 2,2-dichloropropane	8.565	77	163414	46.73	ppb	90
37) cis-1,2-dichloroethene	8.274	96	169242	50.61	ppb	# 77

Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150115\
 Data File : U25649.D
 Acq On : 15 Jan 2015 11:21 pm
 Operator : GaryK
 Sample : icv1085-50
 Misc : ms33699,msu1085,,,,,5,1
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 15:18:14 2015
 Quant Method : D:\msdchem\1\methods\U150115w.m
 Quant Title : SW-846 Method 8260
 QLast Update : Fri Jan 16 15:13:47 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) bromochloromethane	8.442	128	102113	51.00	ppb	# 48
39) chloroform	8.477	83	253341	49.69	ppb	94
41) Tetrahydrofuran	8.853	42	39010	36.69	ppb	99
42) 1,1,1-trichloroethane	9.231	97	247538	49.17	ppb	94
44) Cyclohexane	9.516	56	241477	49.72	ppb	# 82
45) carbon tetrachloride	9.592	117	242782	50.68	ppb	99
46) 1,1-dichloropropene	9.400	75	166027	47.77	ppb	88
47) benzene	9.625	78	480952	52.18	ppb	98
48) 1,2-dichloroethane	9.129	62	179401m	46.91	ppb	
49) tert-amyl methyl ether	9.751	73	392028	52.67	ppb	95
50) heptane	10.105	43	155722	52.09	ppb	# 28
51) trichloroethene	10.246	95	162004	52.10	ppb	76
52) 1,2-dichloropropane	10.214	63	117213	50.90	ppb	95
53) dibromomethane	10.190	93	88650	47.16	ppb	81
54) bromodichloromethane	10.301	83	184703	48.37	ppb	98
55) Methylcyclohexane	10.765	83	230365	50.75	ppb	# 80
56) 2-chloroethyl vinyl ether	10.687	63	7335	18.76	ppb	87
57) methyl methacrylate	10.411	69	60819	41.18	ppb	84
59) cis-1,3-dichloropropene	10.922	75	180312	49.95	ppb	84
61) 4-methyl-2-pentanone	11.046	43	126351	43.51	ppb	94
62) toluene	11.696	92	276964	49.18	ppb	96
63) trans-1,3-dichloropropene	11.344	75	135431	47.59	ppb	93
64) 1,1,2-trichloroethane	11.516	83	77720	45.59	ppb	93
65) ethyl methacrylate	11.728	69	119681	45.88	ppb	# 64
67) tetrachloroethene	12.439	166	142624	50.43	ppb	96
68) 1,3-dichloropropane	11.751	76	138277	45.95	ppb	97
69) dibromochloromethane	12.040	129	157834	49.52	ppb	98
70) 1,2-dibromoethane	12.293	107	109917	46.87	ppb	96
71) 2-hexanone	11.904	43	71247	48.24	ppb	86
72) chlorobenzene	13.119	112	321398	46.37	ppb	87
73) 1,1,1,2-tetrachloroethane	13.038	131	181136	55.21	ppb	97
74) ethylbenzene	13.295	91	531359	50.68	ppb	90
75) m,p-xylene	13.478	106	434728	100.94	ppb	88
76) o-xylene	13.891	106	246527	52.20	ppb	86
77) styrene	13.819	104	328524	48.35	ppb	90
78) bromoform	13.647	173	95016	47.47	ppb	97
79) trans-1,4-dichloro-2-b...	14.048	53	30603	43.59	ppb	# 38
81) isopropylbenzene	14.255	105	658727	52.33	ppb	97
83) bromobenzene	14.543	156	164302	48.31	ppb	# 73
84) 1,1,2,2-tetrachloroethane	13.898	83	145695	53.31	ppb	95
85) 1,2,3-trichloropropane	14.047	75	146837	49.45	ppb	99
86) n-propylbenzene	14.701	91	651634	49.28	ppb	89
87) 2-chlorotoluene	14.818	91	416823	49.85	ppb	81
88) 4-chlorotoluene	14.895	91	371499	46.62	ppb	82
89) 1,3,5-trimethylbenzene	14.978	105	642346	58.01	ppb	92
90) tert-butylbenzene	15.283	91	338373	51.17	ppb	81
91) 1,2,4-trimethylbenzene	15.386	105	627515	54.54	ppb	95
92) sec-butylbenzene	15.506	105	795909	52.87	ppb	93
93) 1,3-dichlorobenzene	15.609	146	326249	49.59	ppb	98
94) p-isopropyltoluene	15.679	119	753103	54.83	ppb	95

Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 15:18:14 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) 1,4-dichlorobenzene	15.676	146	328976	48.61	ppb	99
96) 1,2-dichlorobenzene	16.044	146	379312	52.29	ppb	97
97) n-butylbenzene	16.099	91	620721	54.67	ppb	84
98) 1,2-dibromo-3-chloropr...	16.527	75	37782	49.56	ppb #	71
99) 1,3,5-trichlorobenzene	17.337	180	355034	52.20	ug/L	97
100) 1,2,4-trichlorobenzene	17.875	180	383565	57.57	ppb	95
101) hexachlorobutadiene	18.163	225	144861	54.22	ppb	91
102) naphthalene	18.140	128	987257	53.68	ppb	100
103) 2-Methylnaphthalene	19.504	142	358960	32.45	ug/L	97
104) 1-Methylnaphthalene	19.752	142	297330	35.23	ug/L	97
105) 1,2,3-trichlorobenzene	18.347	180	390440	57.64	ppb	96

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

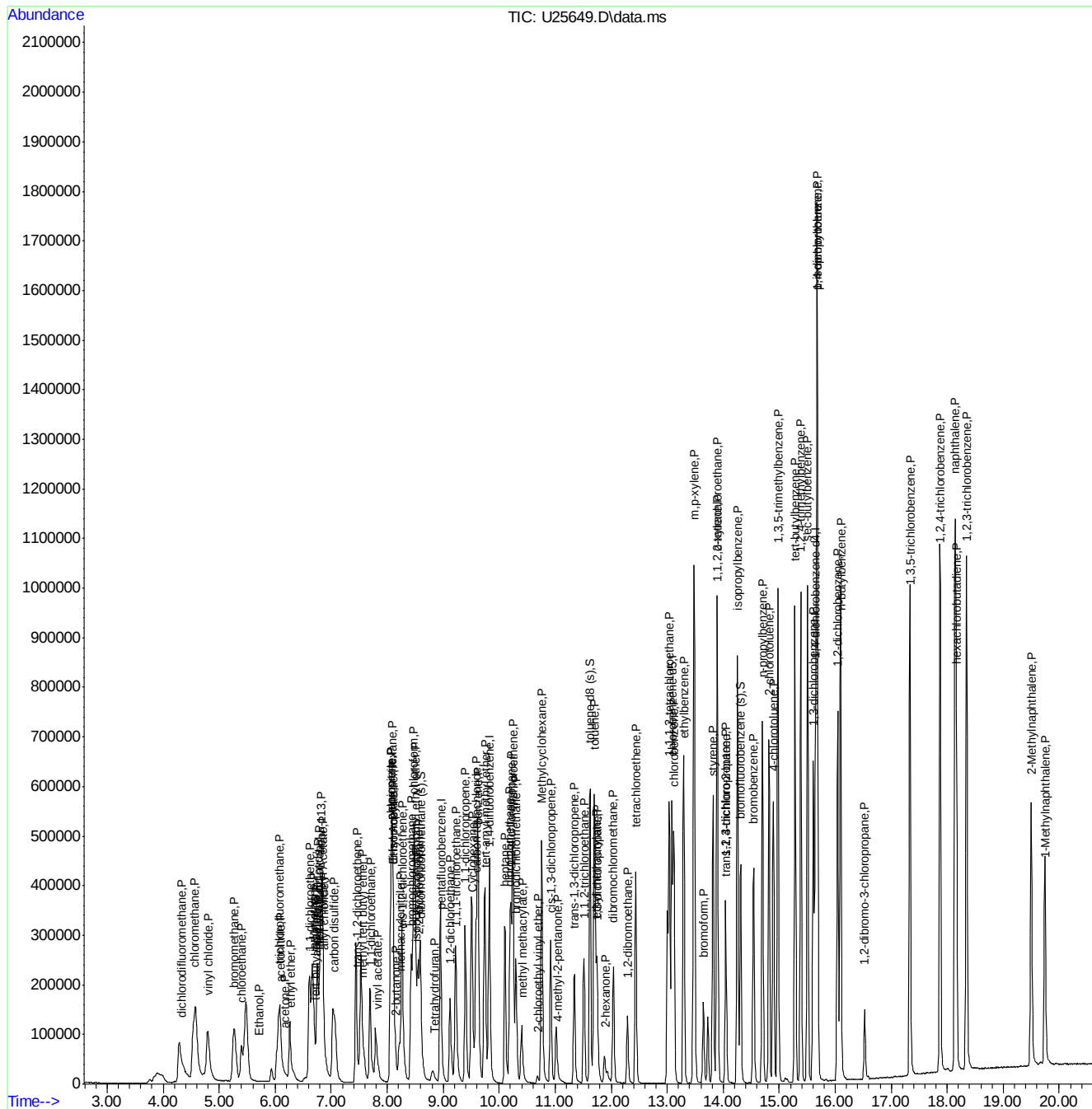
7.6.23

7

Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 15:18:14 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



U150115w.m Fri Jan 16 15:21:52 2015

Page: 4

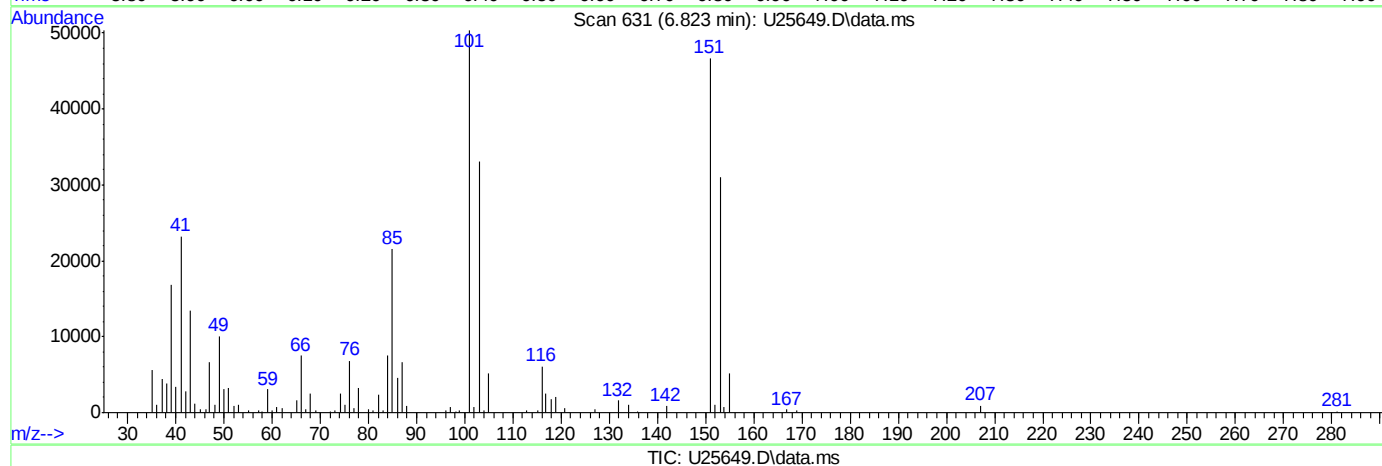
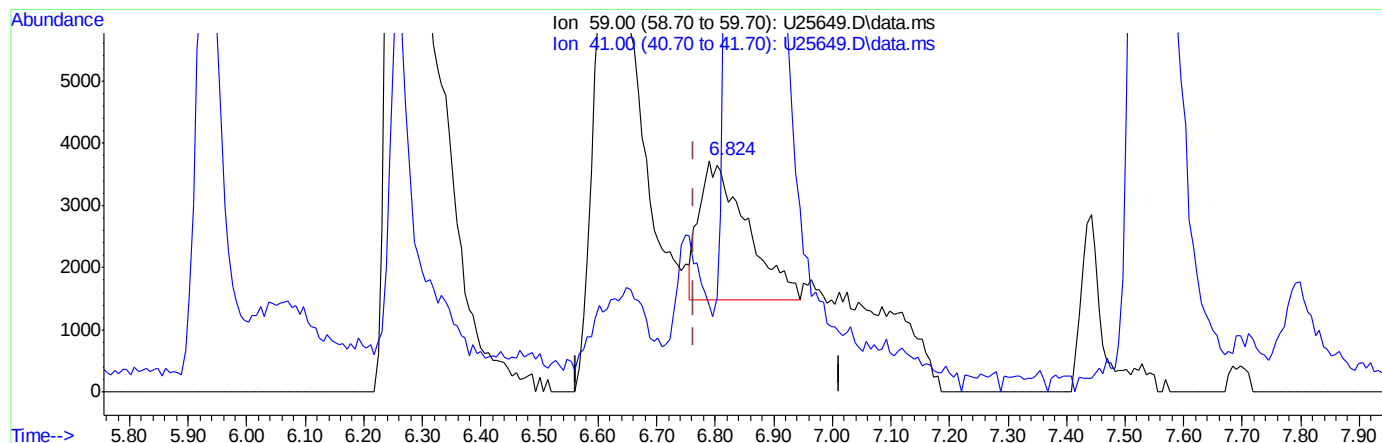
7.6.23



Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 12:27:47 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 12:23:19 2015
Response via : Initial Calibration



(2) tertiary butyl alcohol (P)

6.824min (+0.061) 79.05ppb

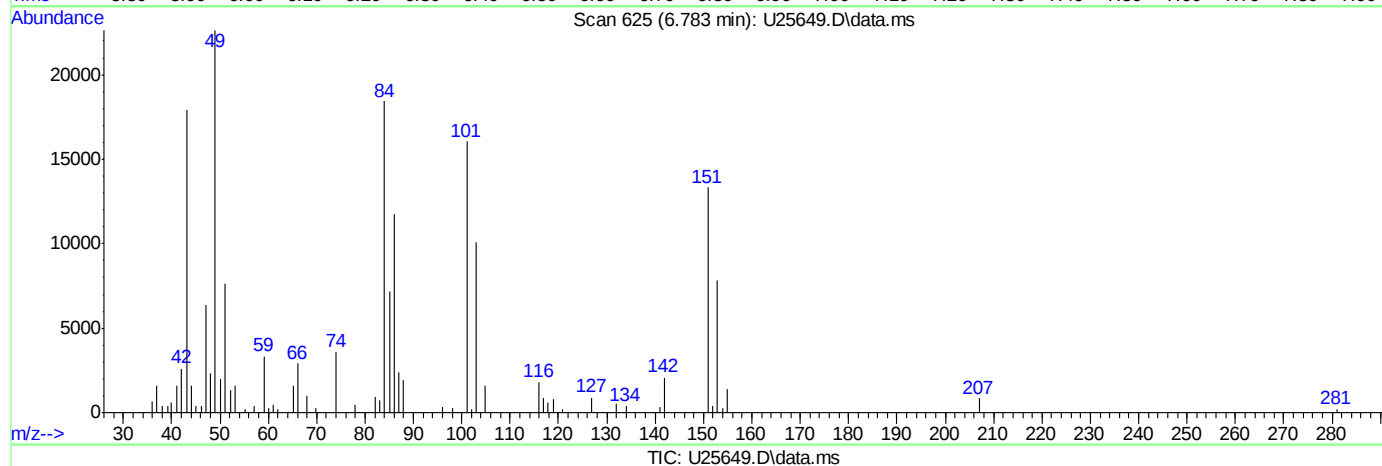
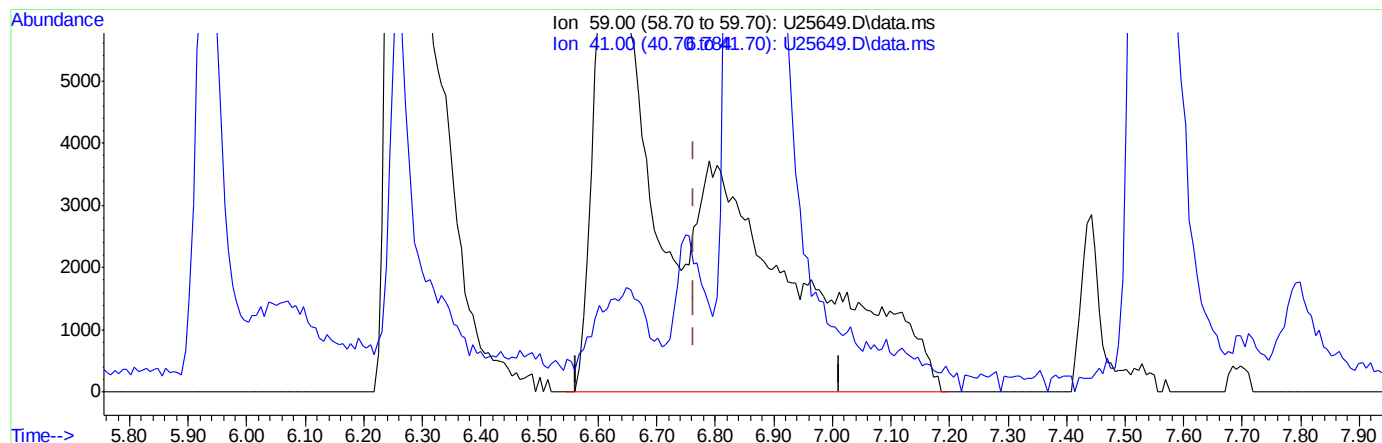
response 12608

Ion	Exp%	Act%
59.00	100	100
41.00	23.90	1314.49#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 12:27:47 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 12:23:19 2015
Response via : Initial Calibration



(2) tertiary butyl alcohol (P)

6.783min (+0.020) 527.11ppb m

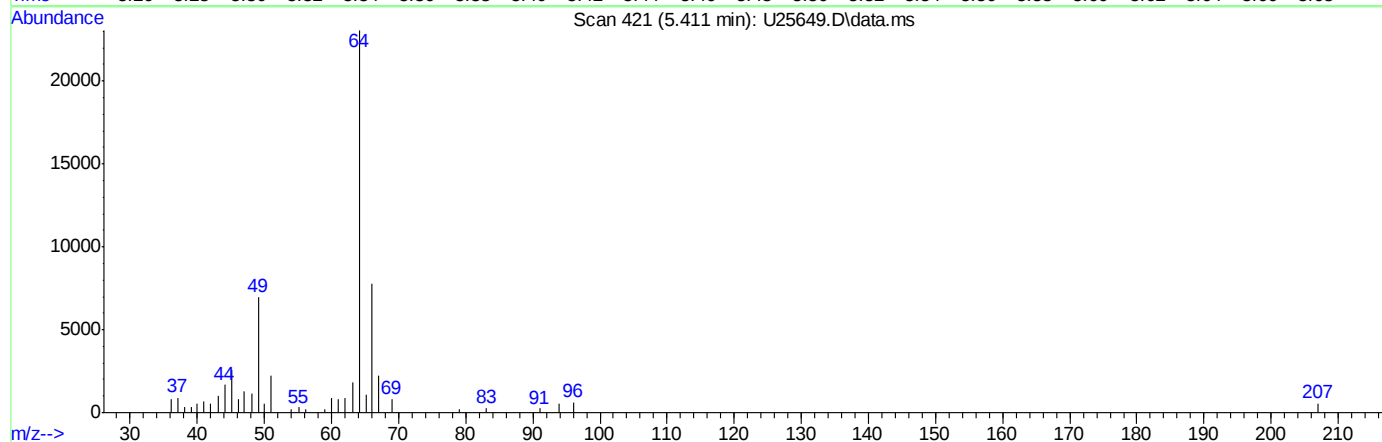
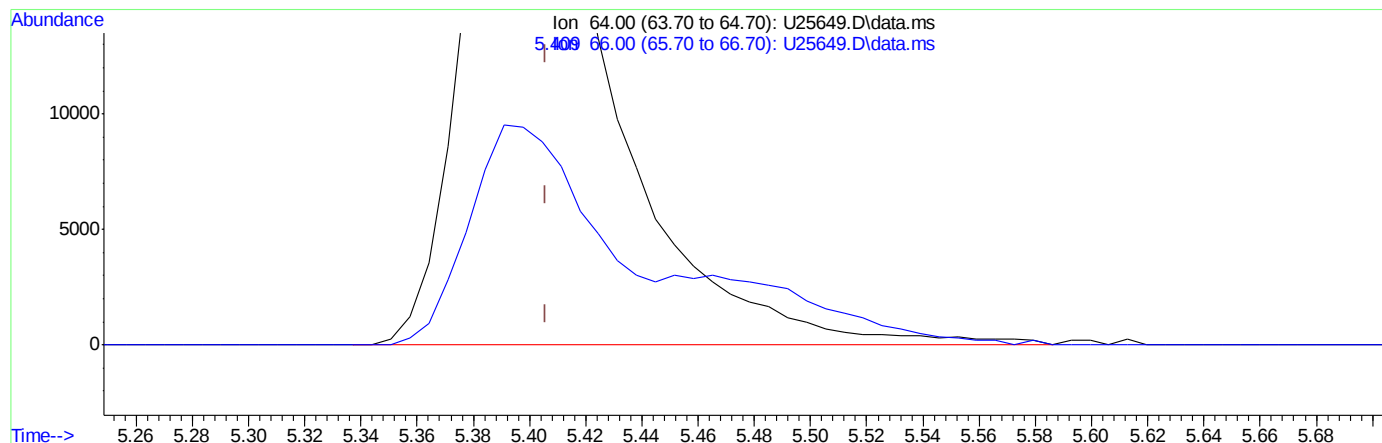
response 93945

Ion	Exp%	Act%
59.00	100	100
41.00	23.90	48.31
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 12:27:47 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 12:23:19 2015
Response via : Initial Calibration



(9) chloroethane (P)

5.409min (+0.003) 61.23ppb

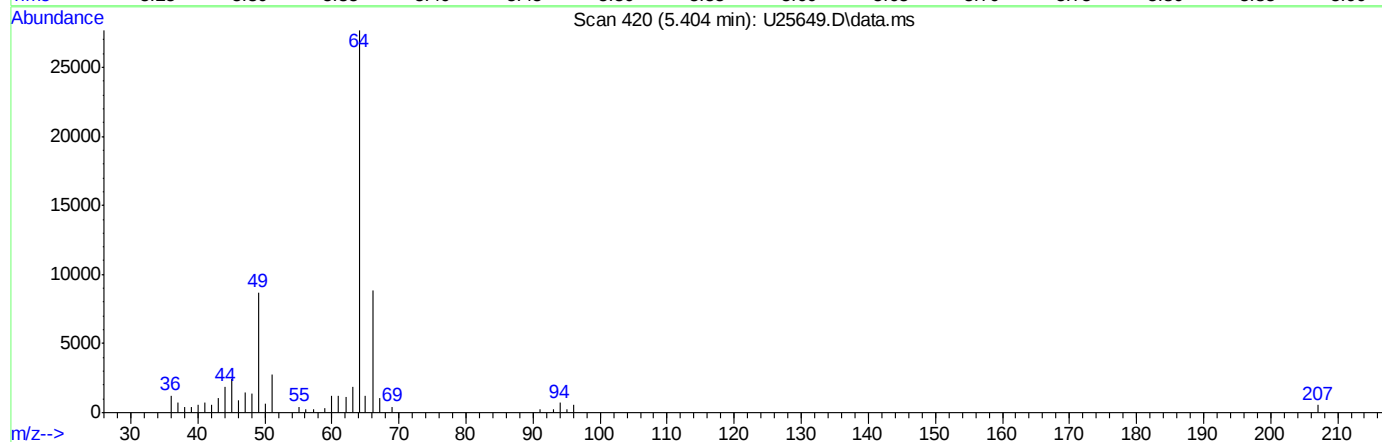
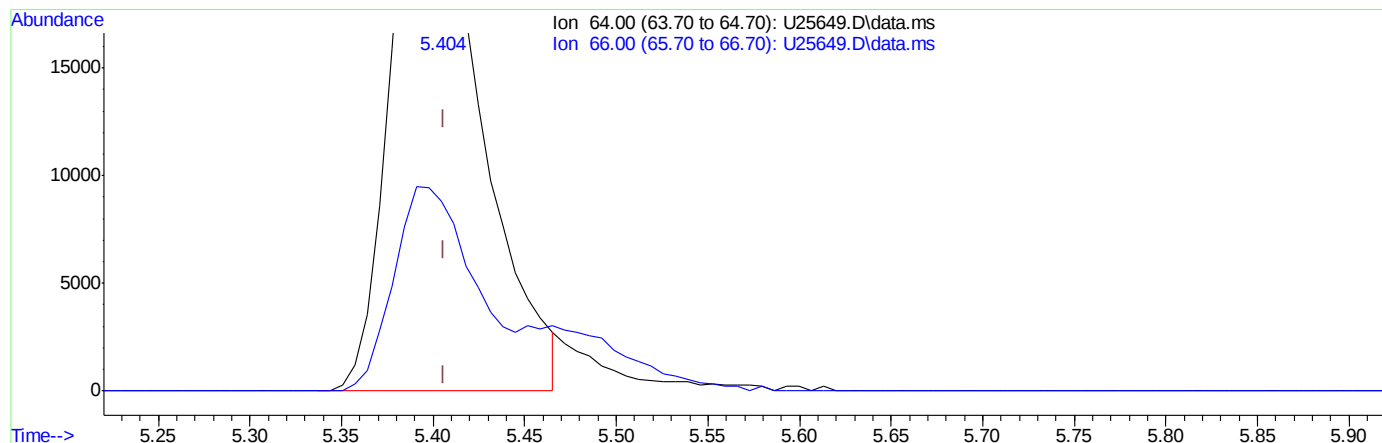
response 97149

Ion	Exp%	Act%
64.00	100	100
66.00	30.10	33.63
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 12:27:47 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 12:23:19 2015
Response via : Initial Calibration



TIC: U25649.D\data.ms

(9) chloroethane (P)

5.404min (-0.002) 58.10ppb m

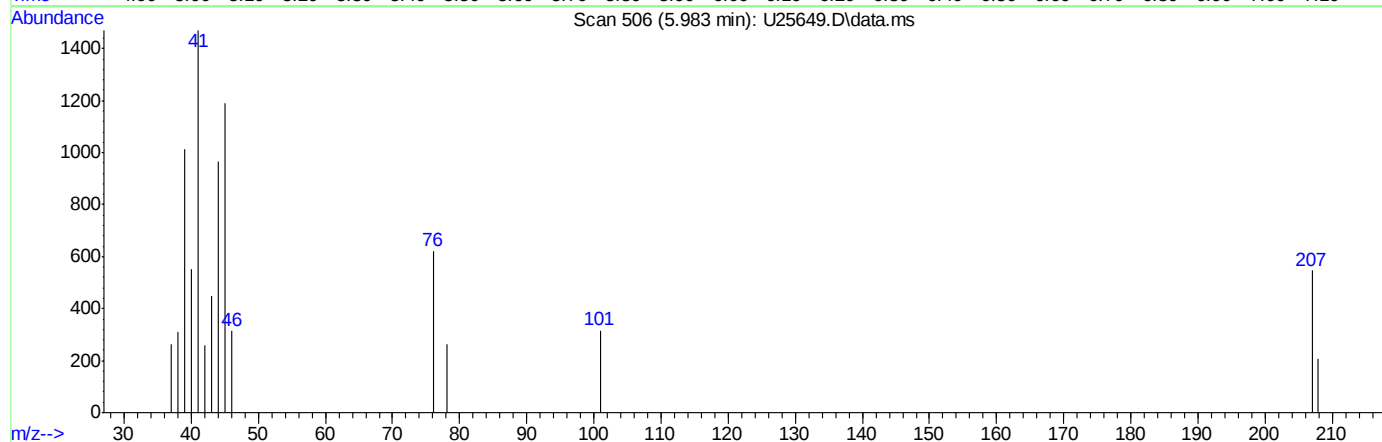
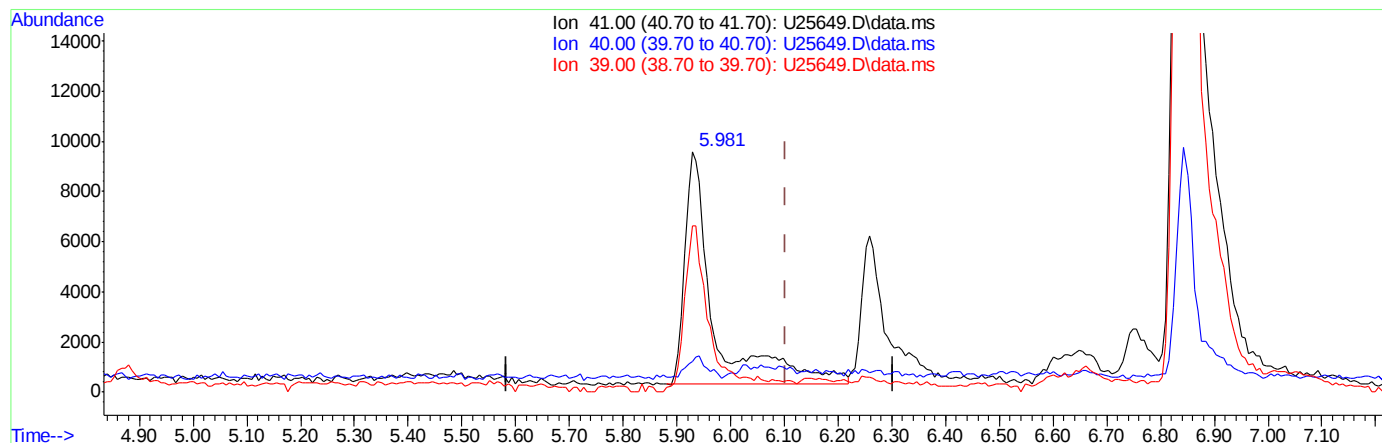
response 92175

Ion	Exp%	Act%
64.00	100	100
66.00	30.10	31.85
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 12:27:47 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 12:23:19 2015
Response via : Initial Calibration



TIC: U25649.D\data.ms

(11) acetonitrile (P)

5.981min (-0.123) 85.29ppb

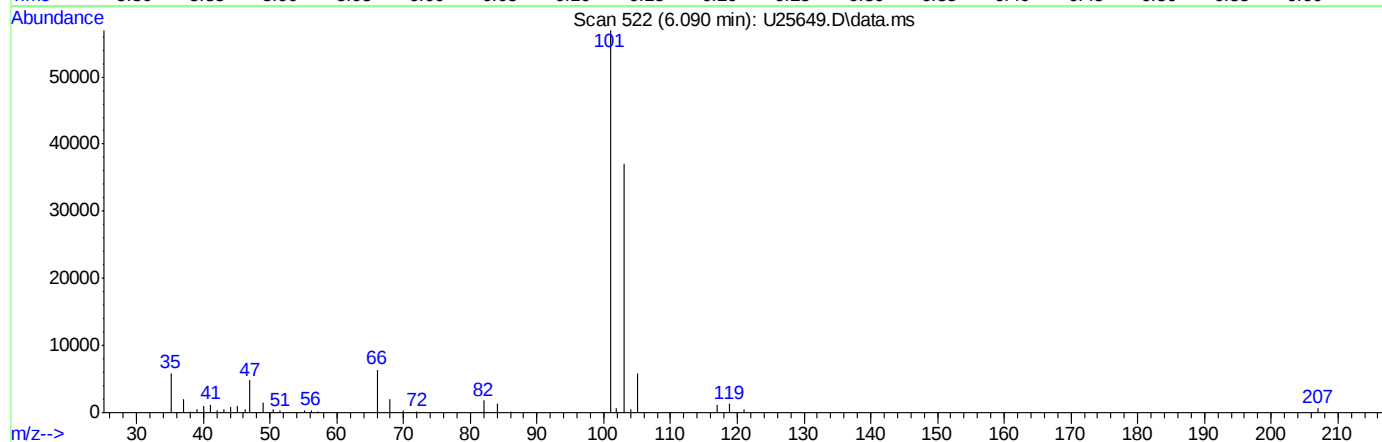
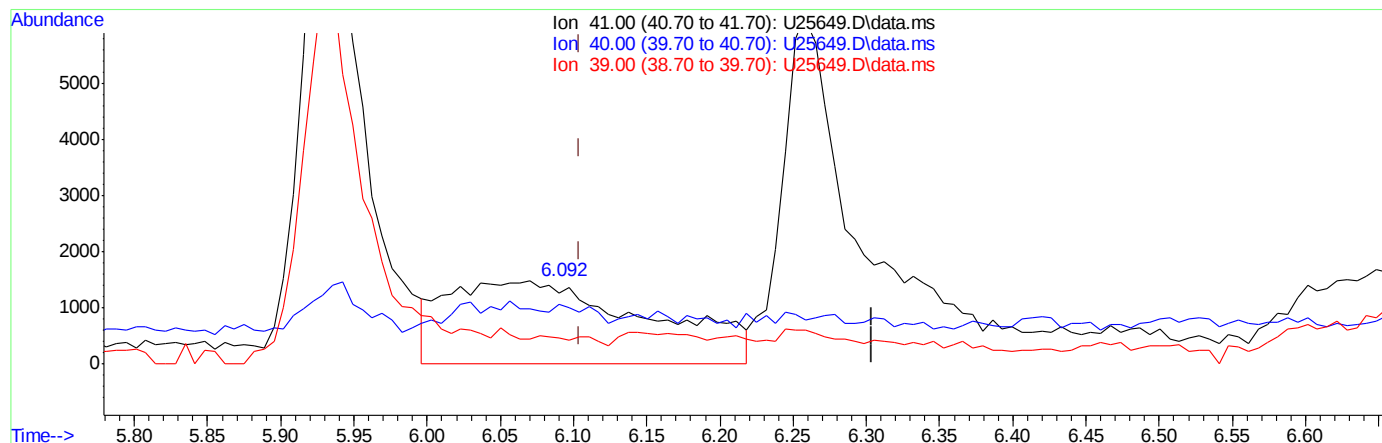
response 34911

Ion	Exp%	Act%
41.00	100	100
40.00	92.30	0.00#
39.00	24.50	69.73#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 12:27:47 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 12:23:19 2015
Response via : Initial Calibration



TIC: U25649.D\data.ms

(11) acetonitrile (P)

6.090min (-0.014) 34.43ppb m

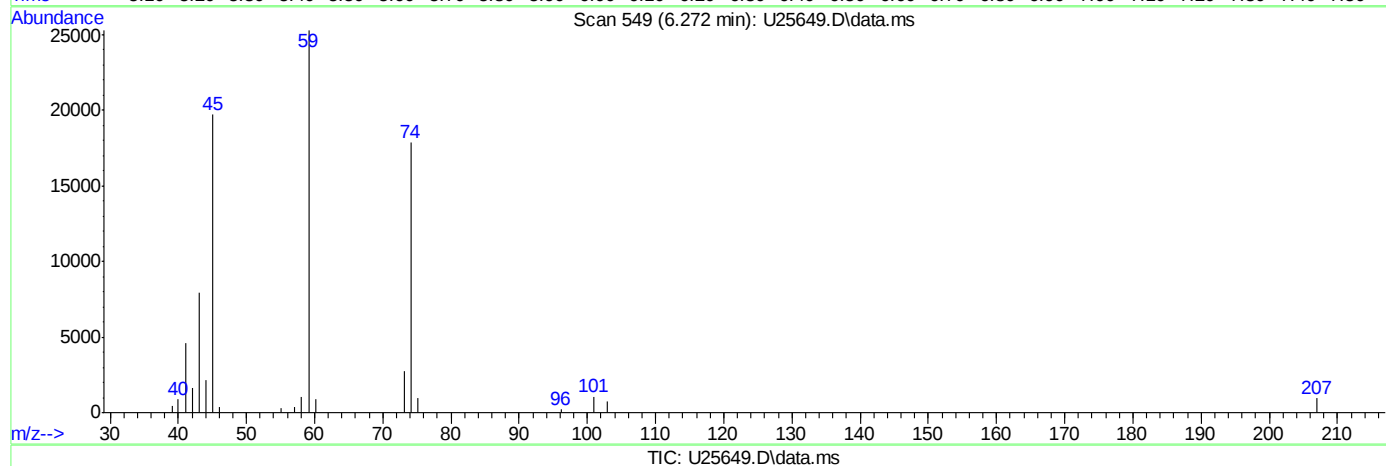
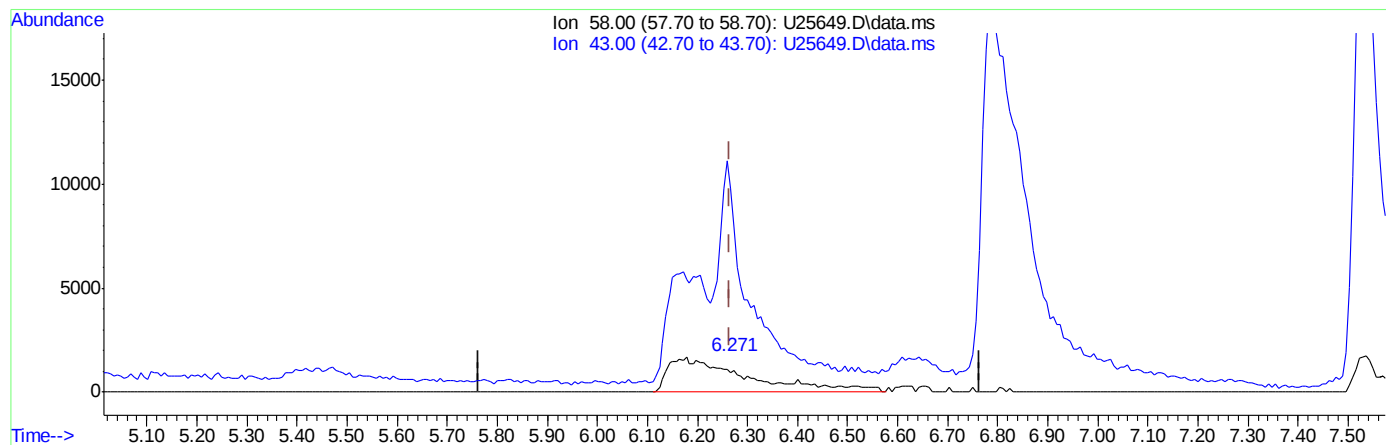
response 14092

Ion	Exp%	Act%
41.00	100	100
40.00	92.30	84.05
39.00	24.50	37.34
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 12:27:47 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 12:23:19 2015
Response via : Initial Calibration



(16) acetone (P)

6.271min (+0.007) 94.43ppb

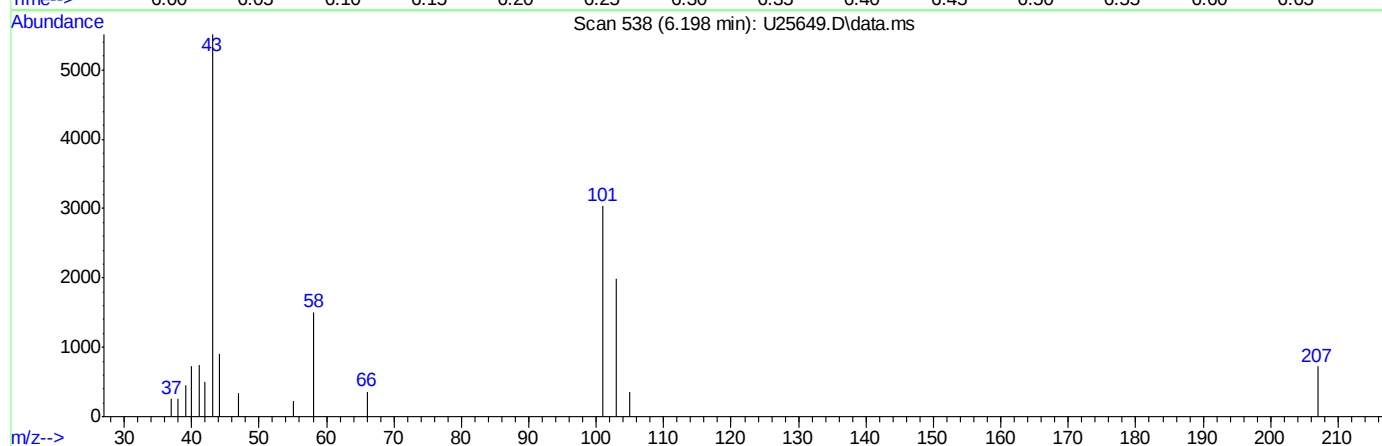
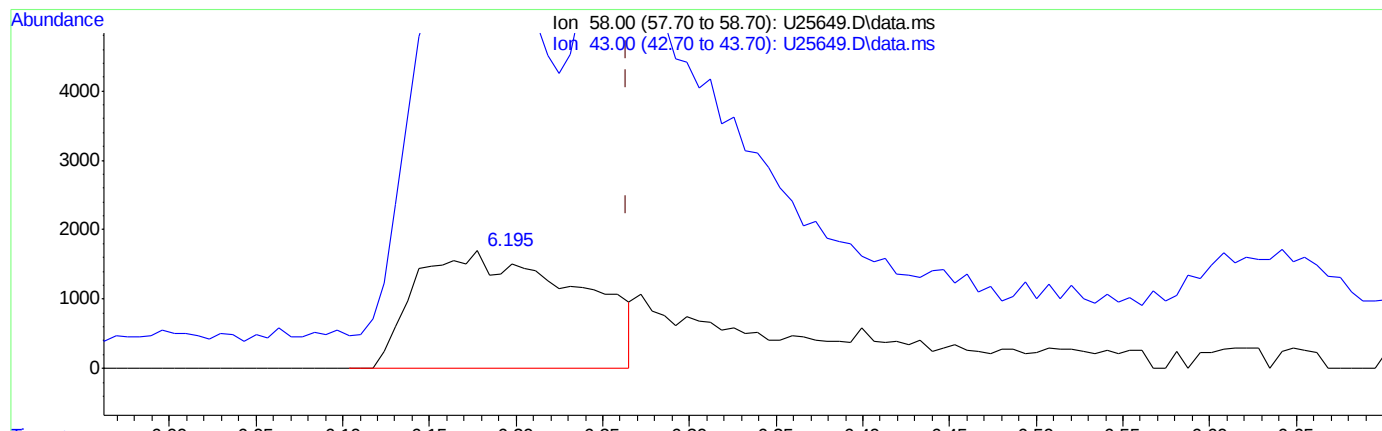
response 18275

Ion	Exp%	Act%
58.00	100	100
43.00	308.80	700.19#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 12:27:47 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 12:23:19 2015
Response via : Initial Calibration



TIC: U25649.D\data.ms

(16) acetone (P)

6.198min (-0.066) 56.40ppb m

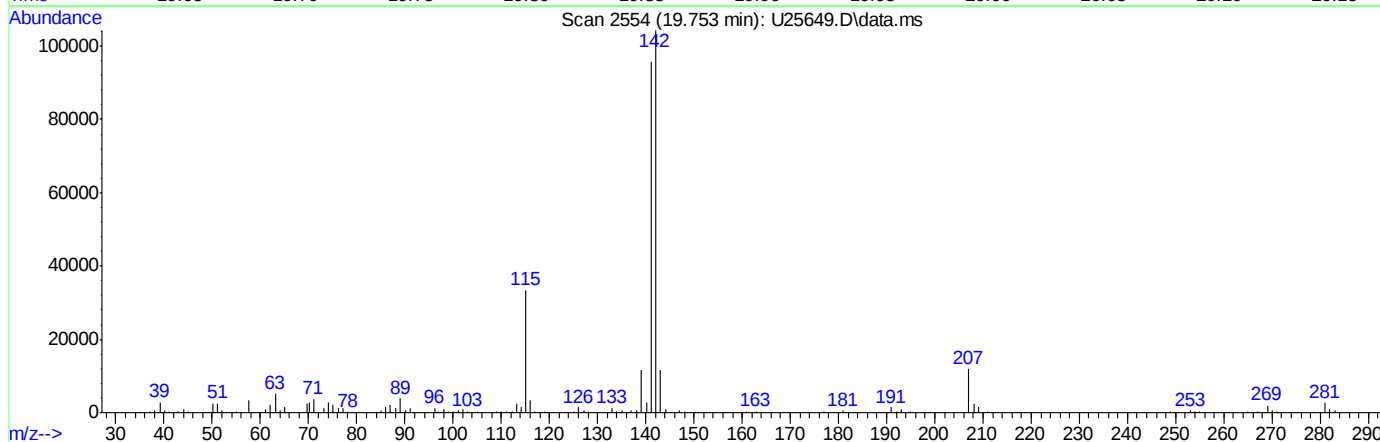
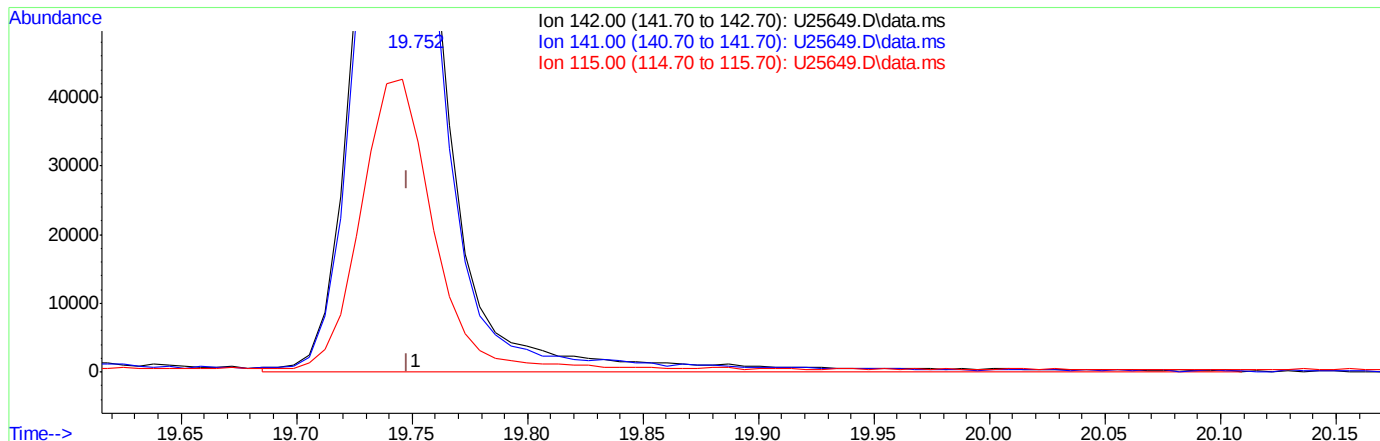
response 10915

Ion	Exp%	Act%
58.00	100	100
43.00	308.80	365.69#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 12:28:58 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 12:23:19 2015
Response via : Initial Calibration



TIC: U25649.D\data.ms

(104) 1-Methylnaphthalene (P)

19.752min (+0.004) 35.23ug/L

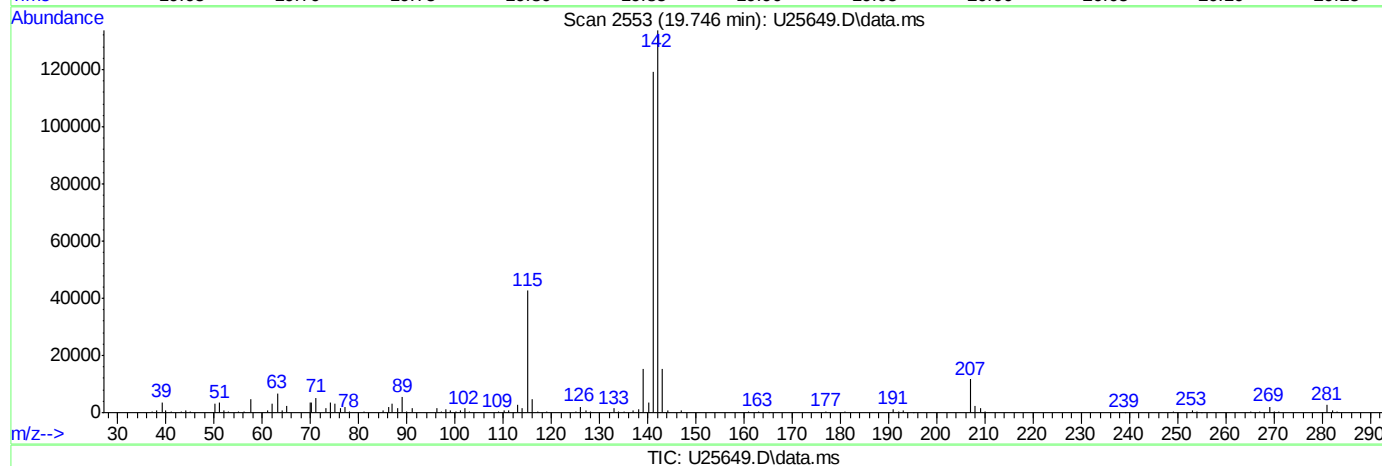
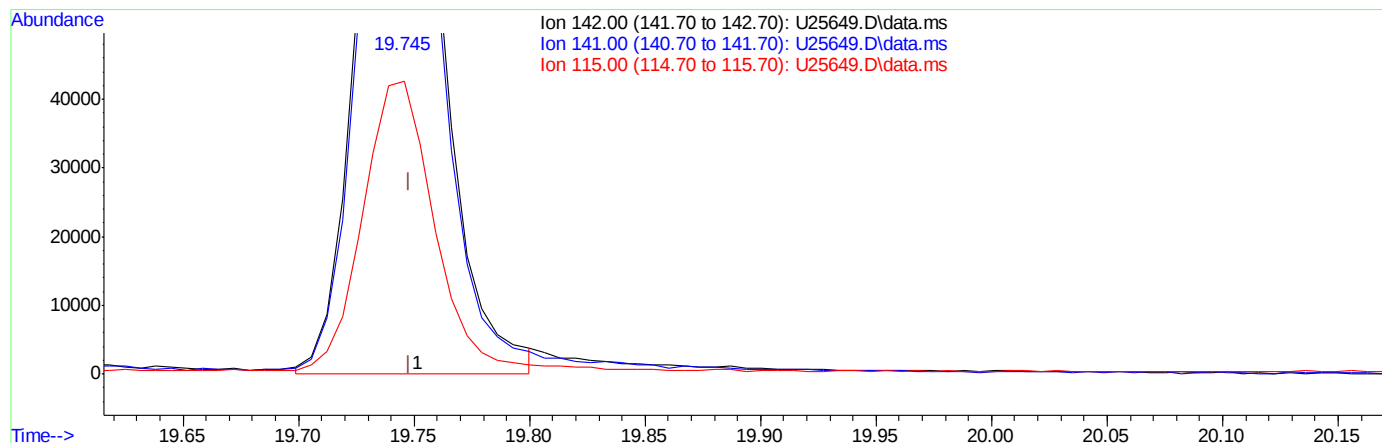
response 297330

Ion	Exp%	Act%
142.00	100	100
141.00	90.70	91.56
115.00	36.50	31.79
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 12:28:58 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 12:23:19 2015
Response via : Initial Calibration



(104) 1-Methylnaphthalene (P)

19.746min (-0.002) 33.42ug/L m

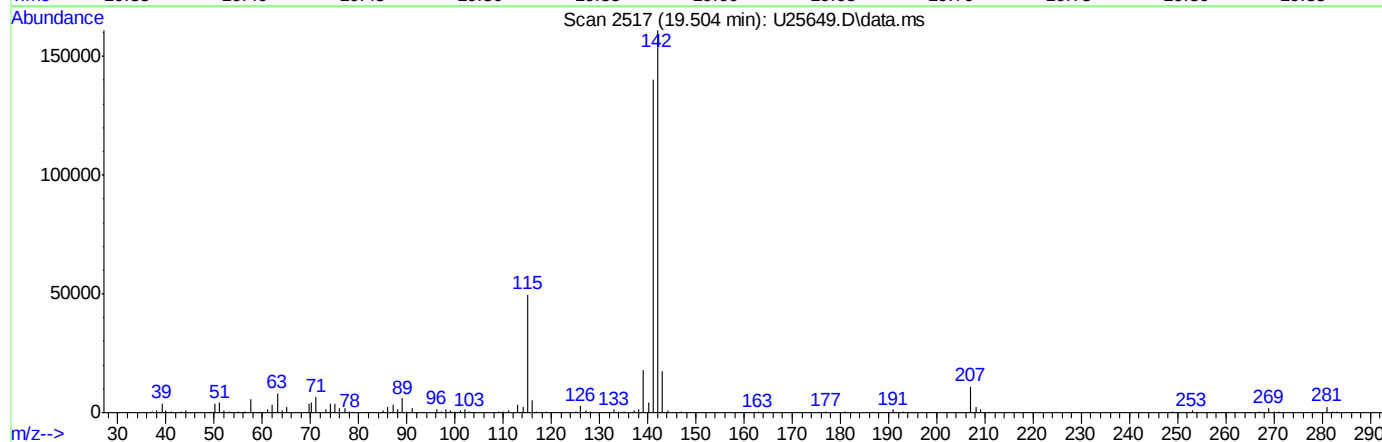
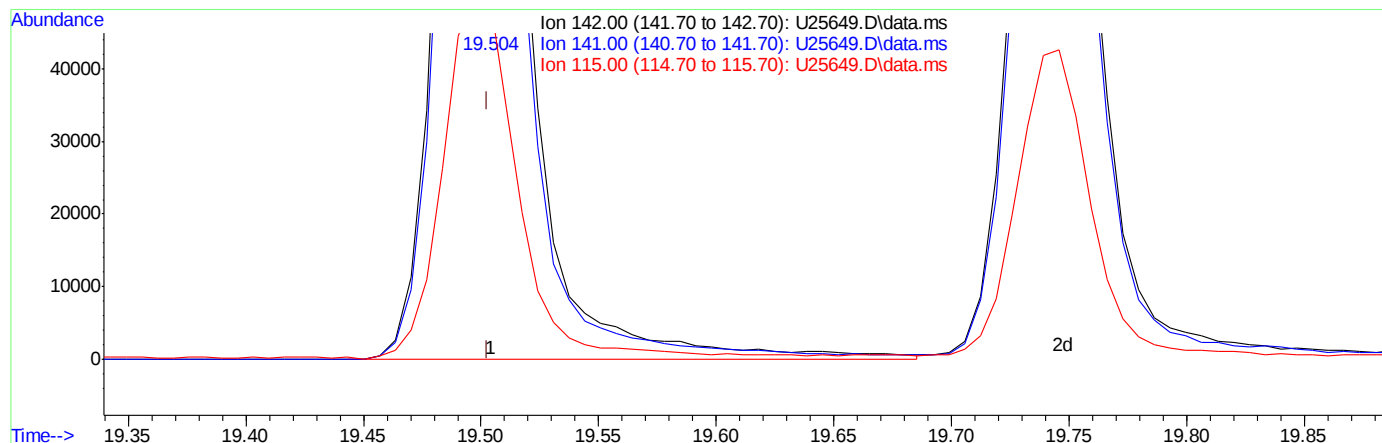
response 282087

Ion	Exp%	Act%
142.00	100	100
141.00	90.70	89.06
115.00	36.50	31.93
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 12:28:58 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 12:23:19 2015
Response via : Initial Calibration



TIC: U25649.D\data.ms

(103) 2-Methylnaphthalene (P)

19.504min (+0.001) 32.45ug/L

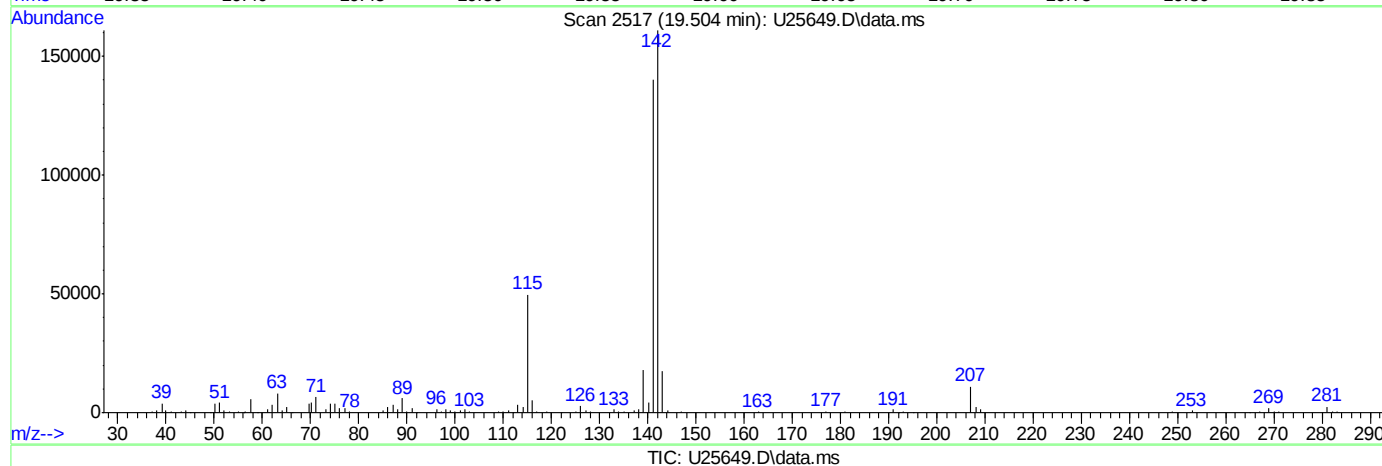
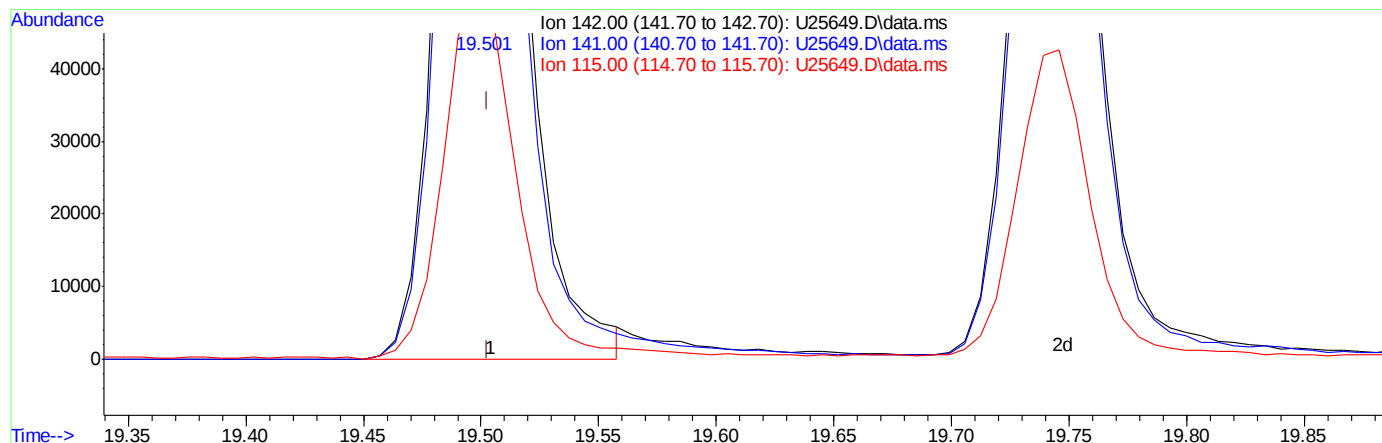
response 358960

Ion	Exp%	Act%
142.00	100	100
141.00	87.90	87.08
115.00	35.50	30.64
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 12:28:58 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 12:23:19 2015
Response via : Initial Calibration



(103) 2-Methylnaphthalene (P)

19.504min (+0.001) 31.47ug/L m

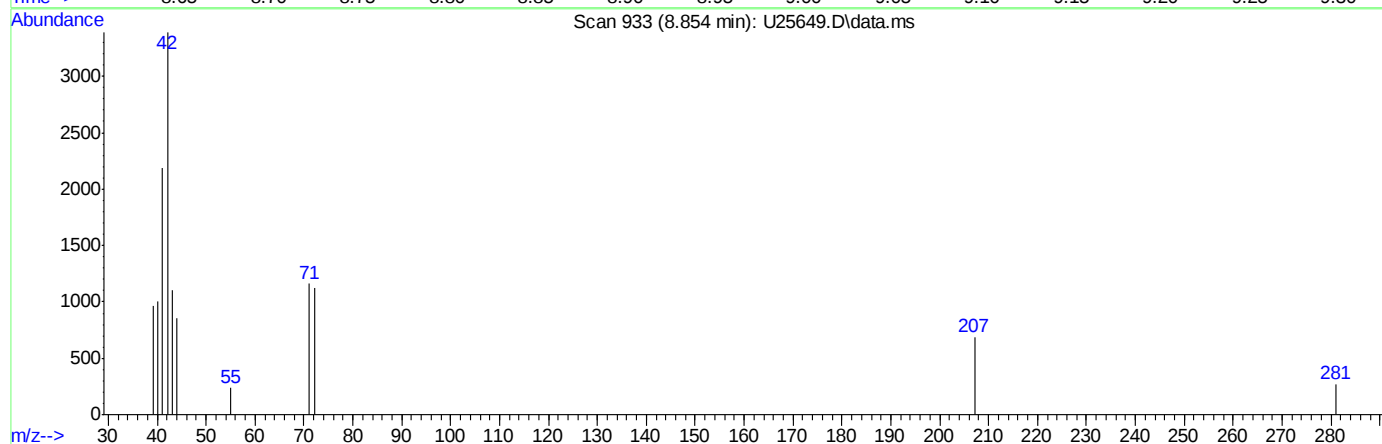
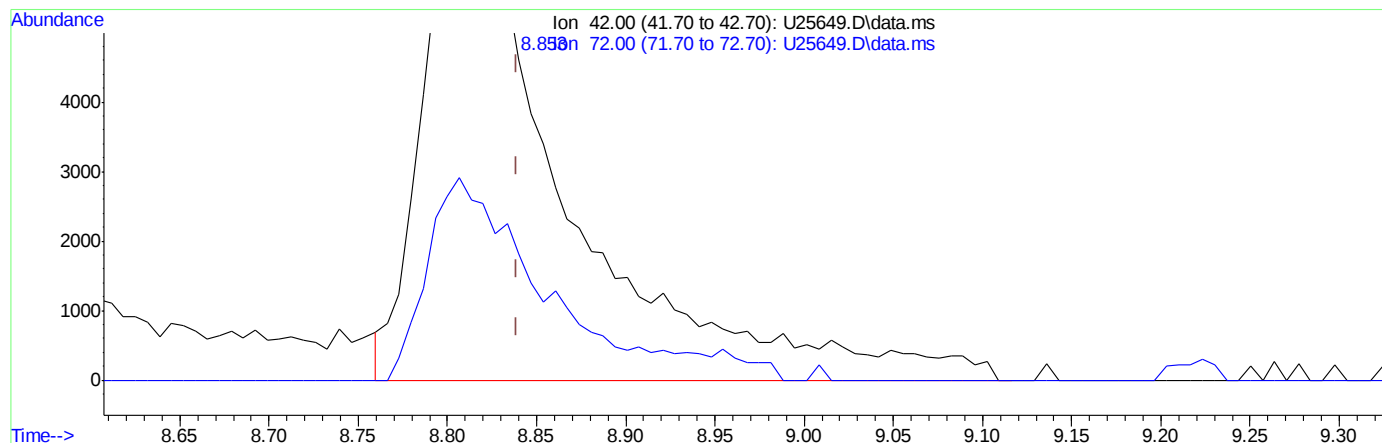
response 348146

Ion	Exp%	Act%
142.00	100	100
141.00	87.90	87.08
115.00	35.50	30.83
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 12:28:58 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 12:23:19 2015
Response via : Initial Calibration



TIC: U25649.D\data.ms

(41) Tetrahydrofuran (P)

8.853min (+0.014) 36.69ppb

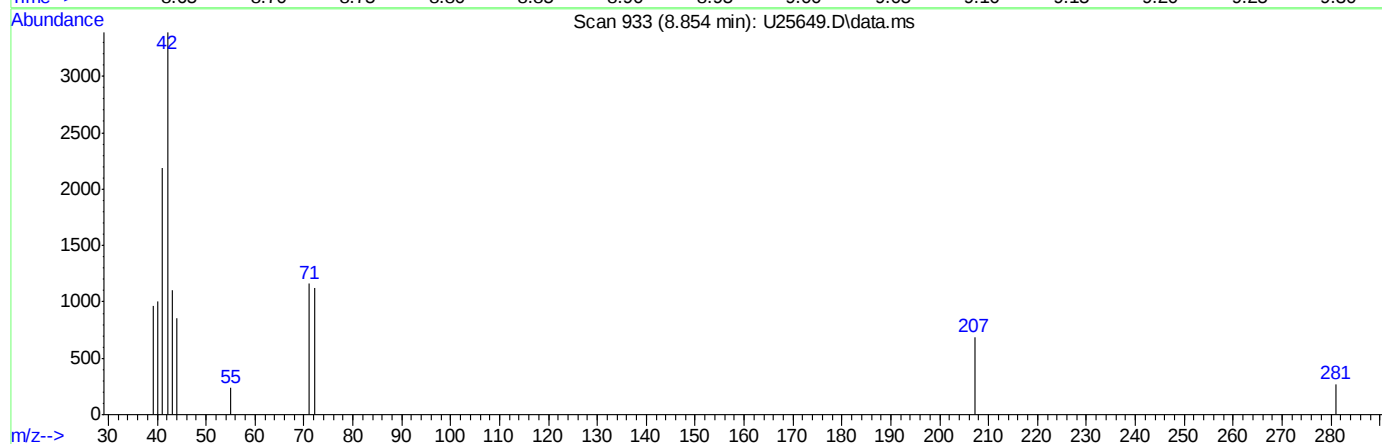
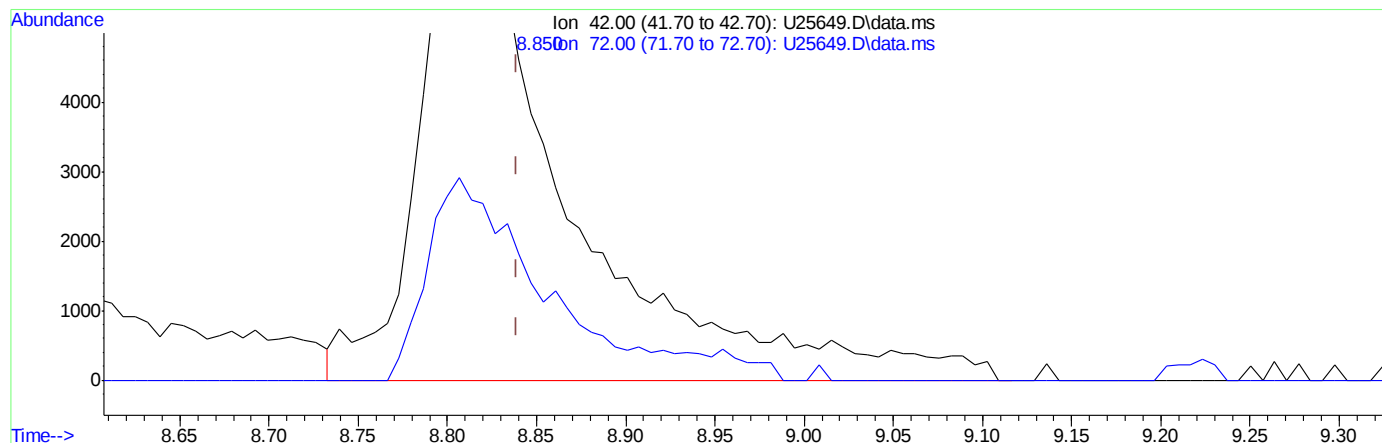
response 39010

Ion	Exp%	Act%
42.00	100	100
72.00	32.90	33.22
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 12:28:58 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 12:23:19 2015
Response via : Initial Calibration



TIC: U25649.D\data.ms

(41) Tetrahydrofuran (P)

8.854min (+0.015) 37.67ppb m

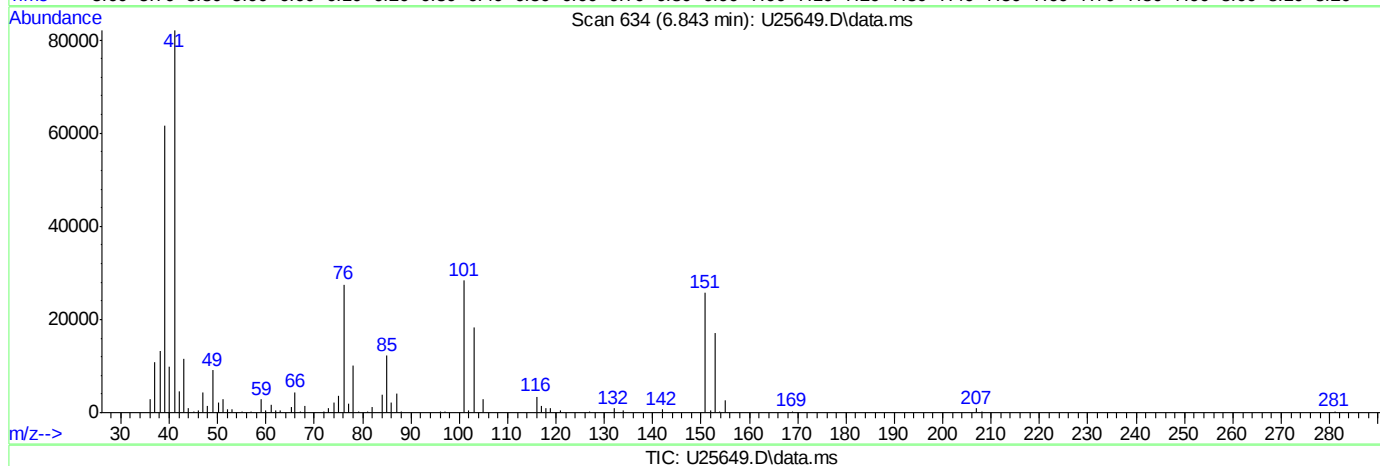
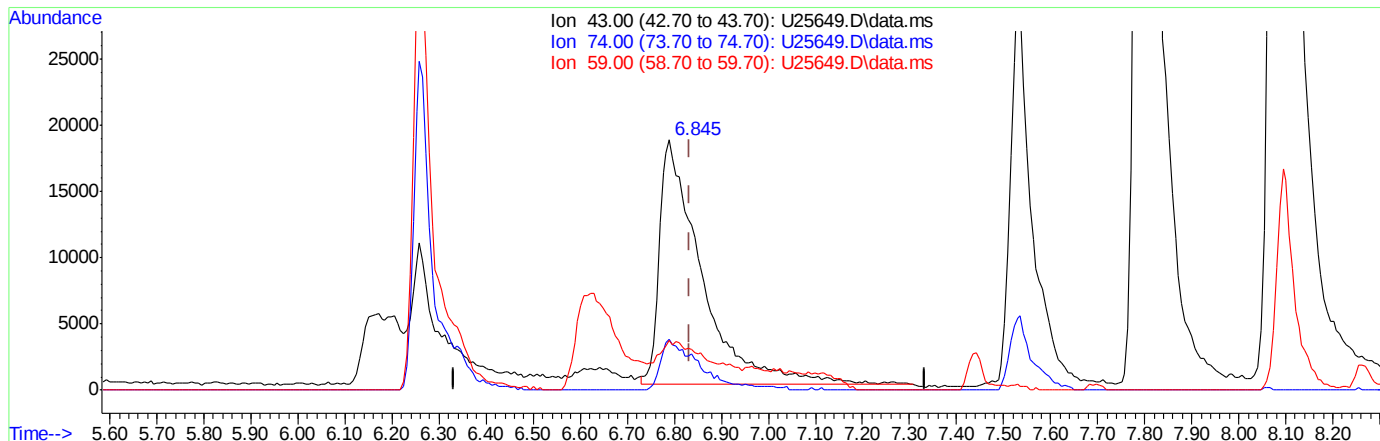
response 40051

Ion	Exp%	Act%
42.00	100	100
72.00	32.90	33.22
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 12:28:58 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 12:23:19 2015
Response via : Initial Calibration



(17) Methyl Acetate (P)

6.845min (+0.012) 29.39ppb

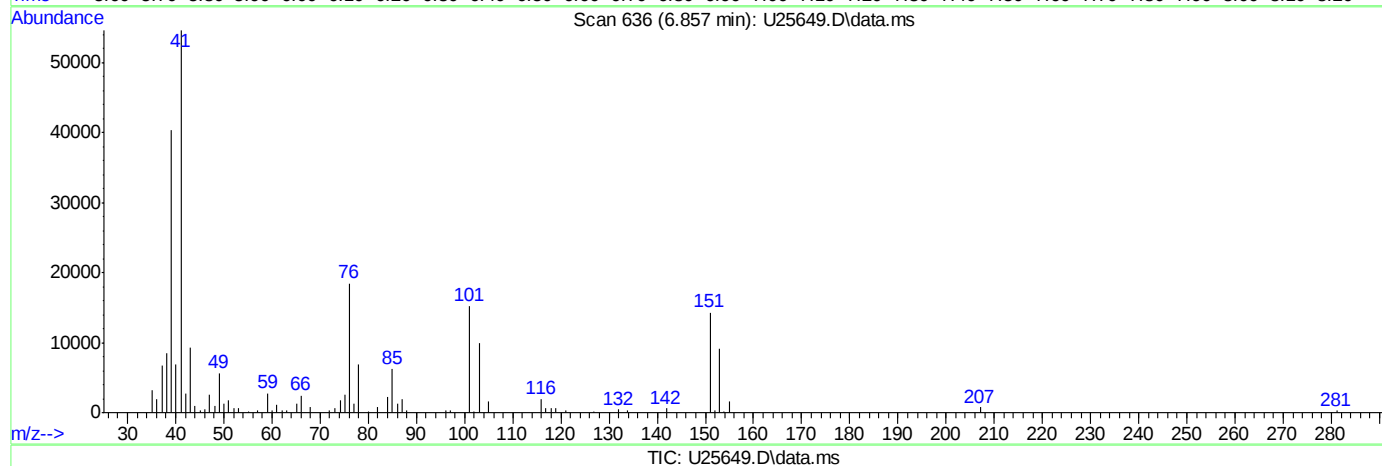
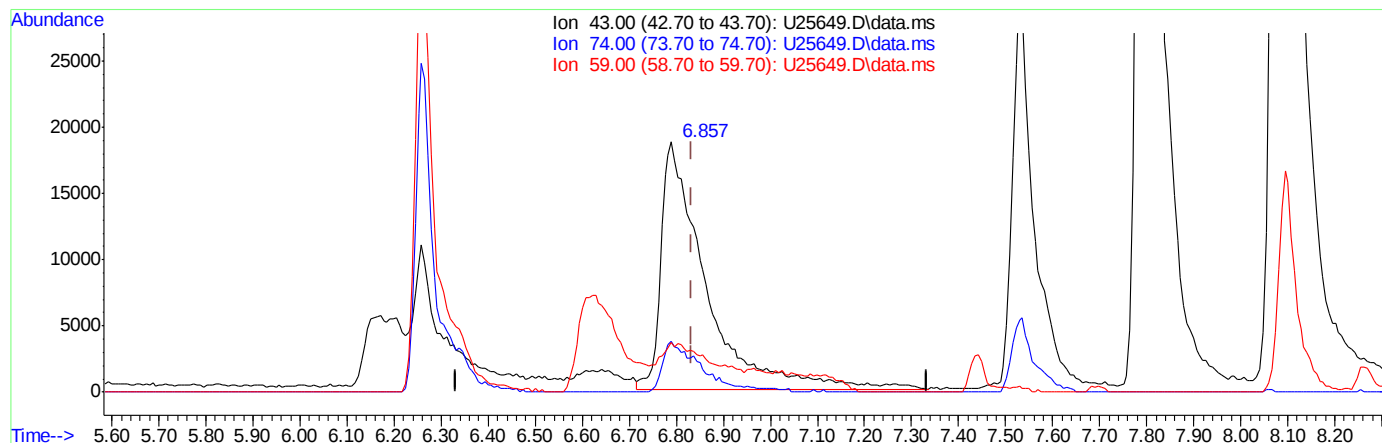
response 115226

Ion	Exp%	Act%
43.00	100	100
74.00	18.30	20.53
59.00	10.60	25.52#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 12:28:58 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 12:23:19 2015
Response via : Initial Calibration



(17) Methyl Acetate (P)

6.857min (+0.024) 31.72ppb m

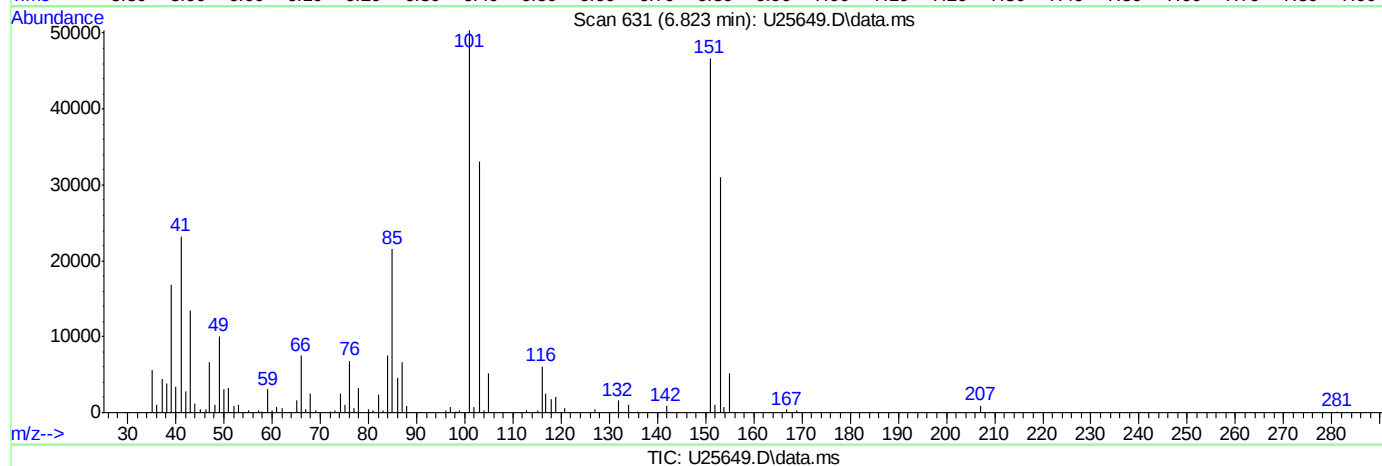
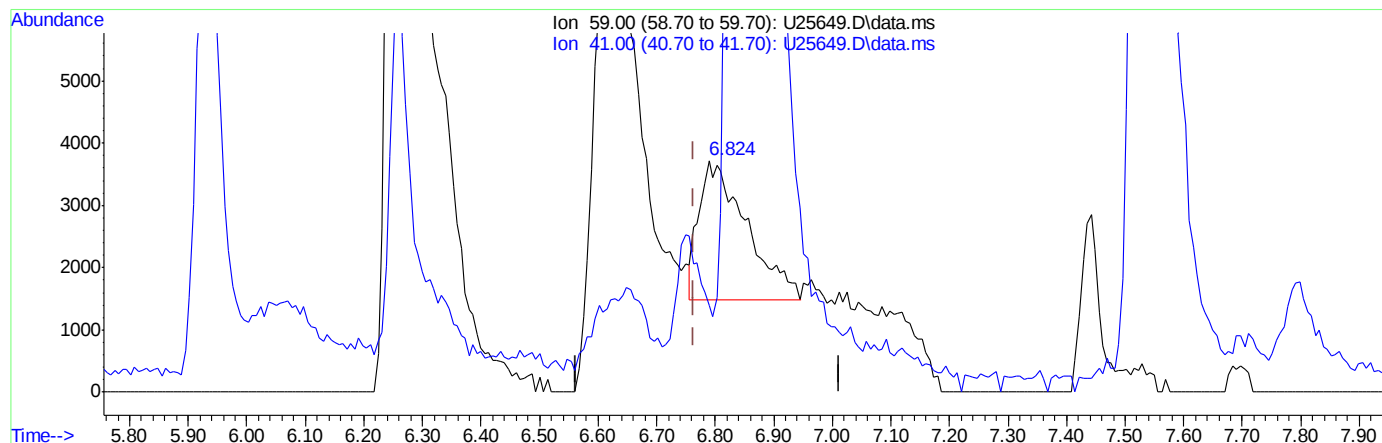
response 124376

Ion	Exp%	Act%
43.00	100	100
74.00	18.30	18.79
59.00	10.60	30.18#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 13:01:03 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 13:00:28 2015
Response via : Initial Calibration



(2) tertiary butyl alcohol (P)

6.824min (+0.061) 79.05ppb

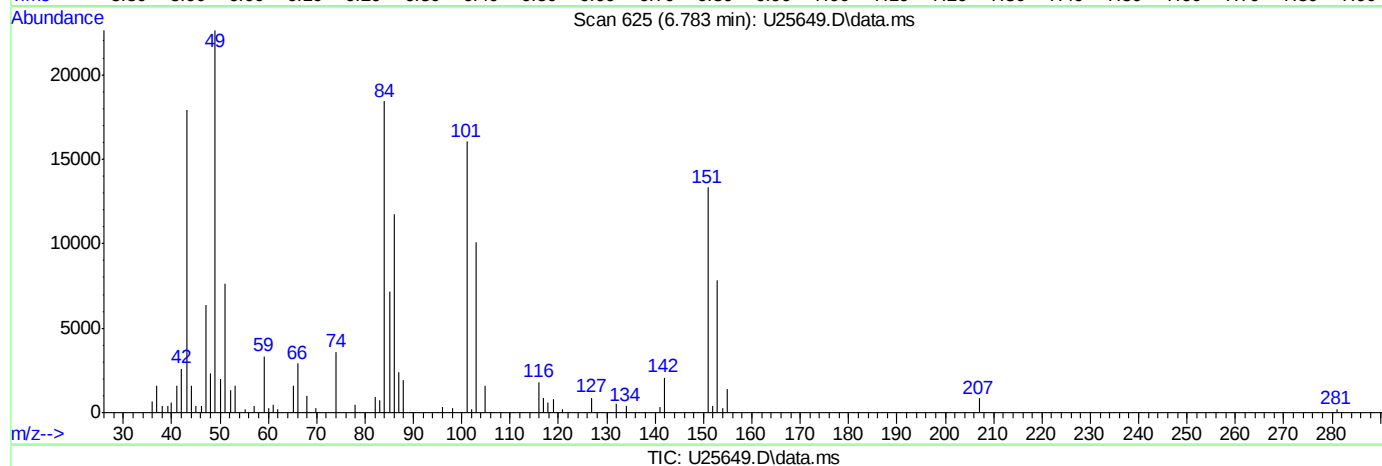
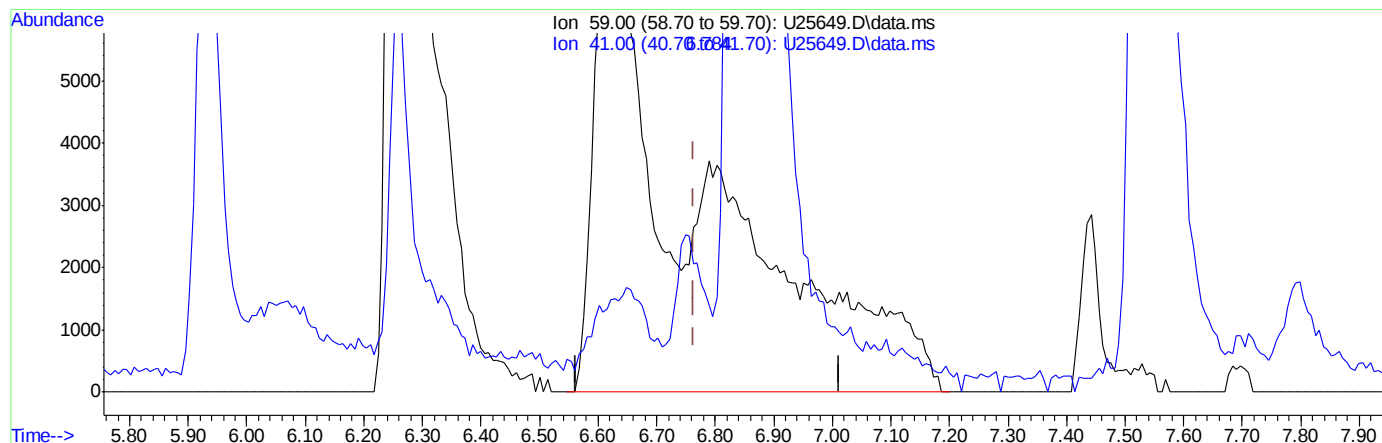
response 12608

Ion	Exp%	Act%
59.00	100	100
41.00	23.90	1314.49#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 13:01:03 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 13:00:28 2015
Response via : Initial Calibration



(2) tertiary butyl alcohol (P)

6.783min (+0.020) 527.12ppb m

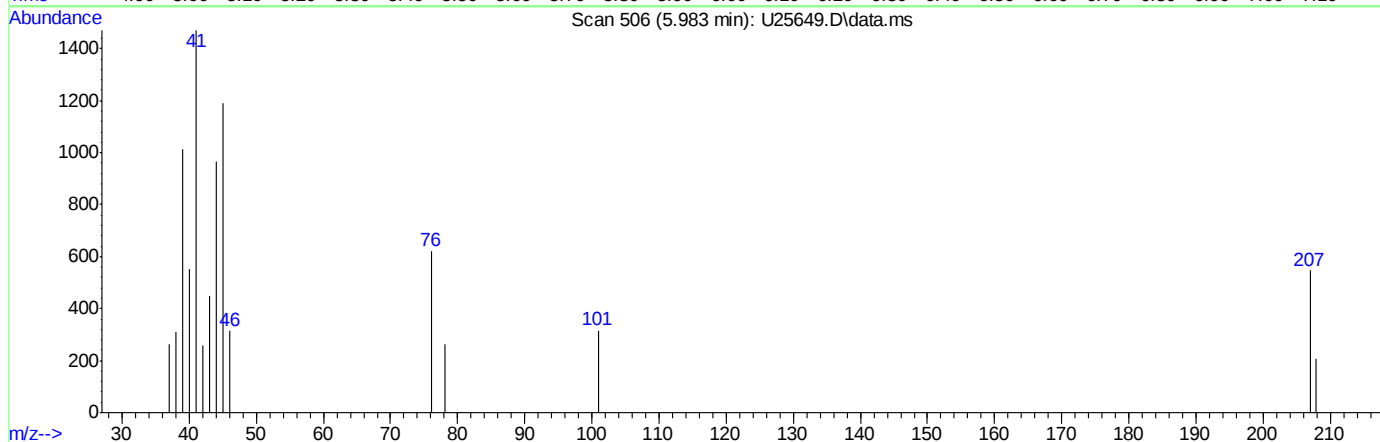
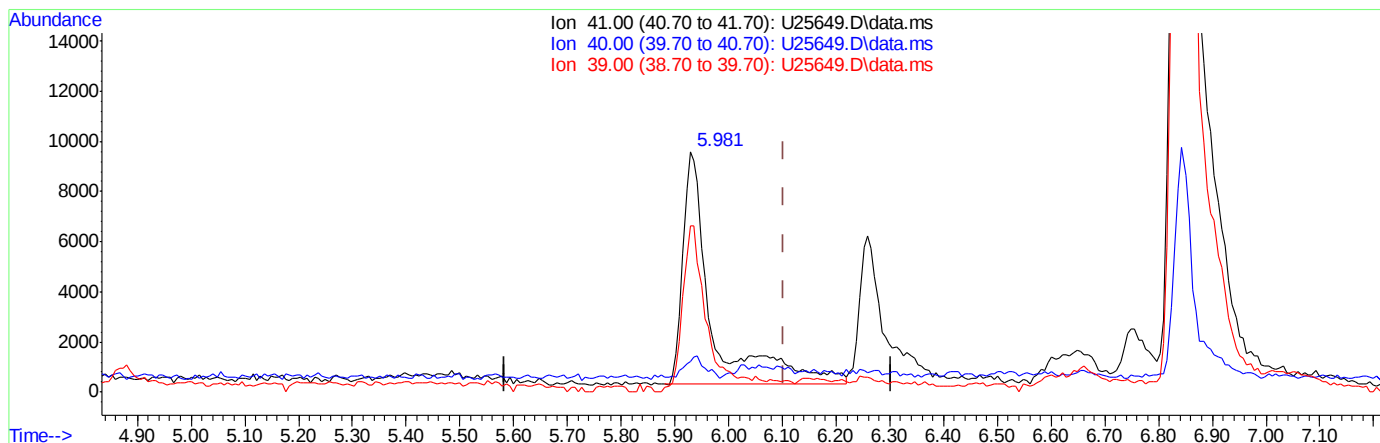
response 93947

Ion	Exp%	Act%
59.00	100	100
41.00	23.90	48.31
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 13:01:03 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 13:00:28 2015
Response via : Initial Calibration



TIC: U25649.D\data.ms

(11) acetonitrile (P)

5.981min (-0.123) 121.61ppb

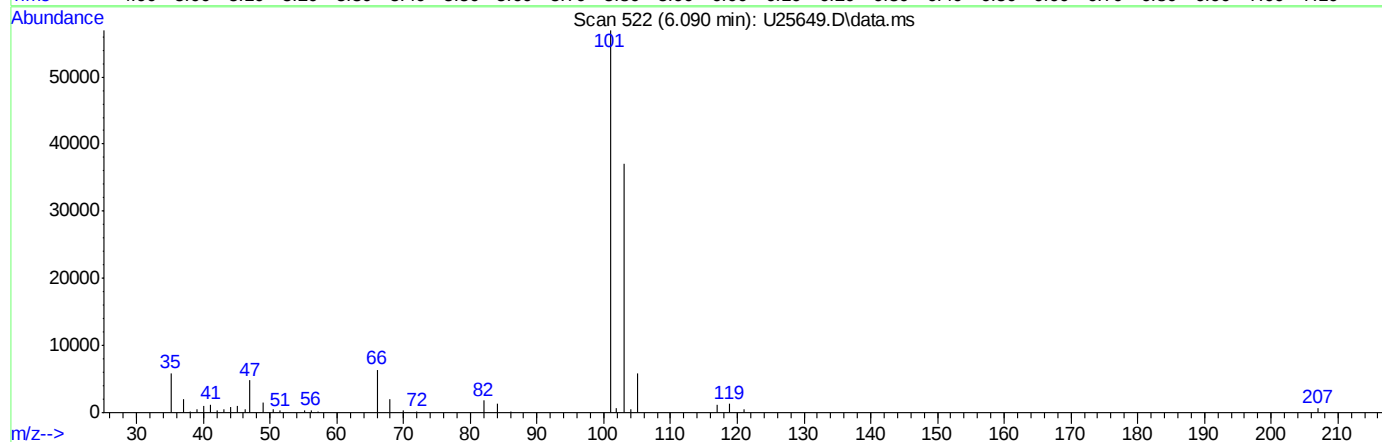
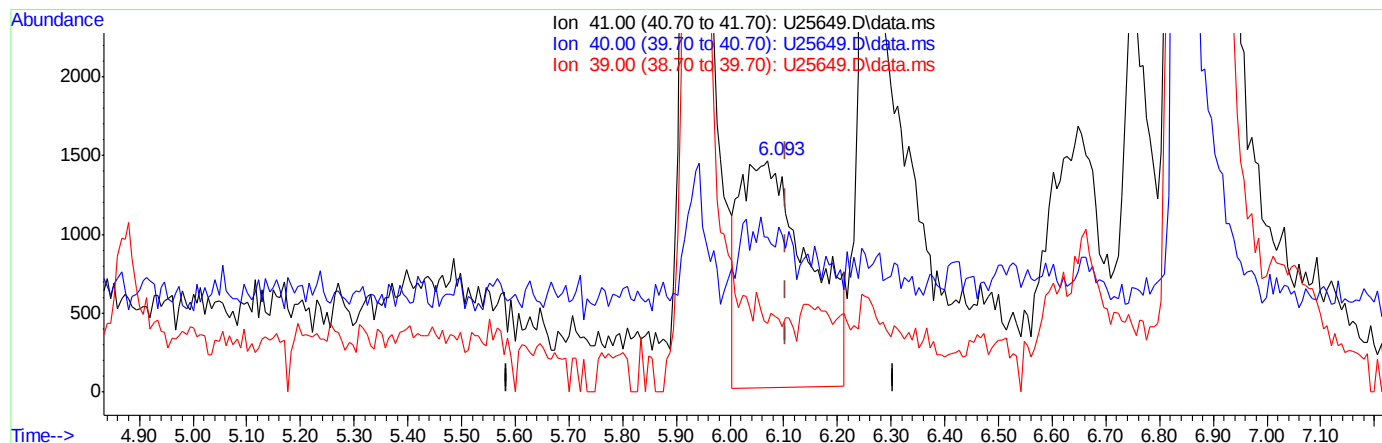
response 34911

Ion	Exp%	Act%
41.00	100	100
40.00	92.30	0.00#
39.00	24.50	69.73#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 13:01:03 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 13:00:28 2015
Response via : Initial Calibration



TIC: U25649.D\data.ms

(11) acetonitrile (P)

6.090min (-0.014) 44.71ppb m

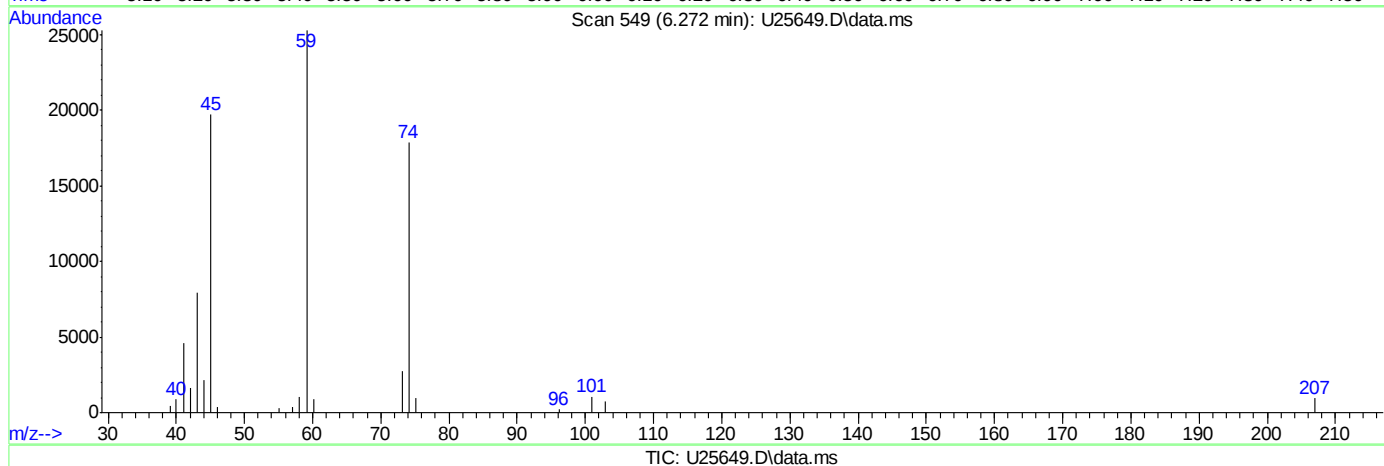
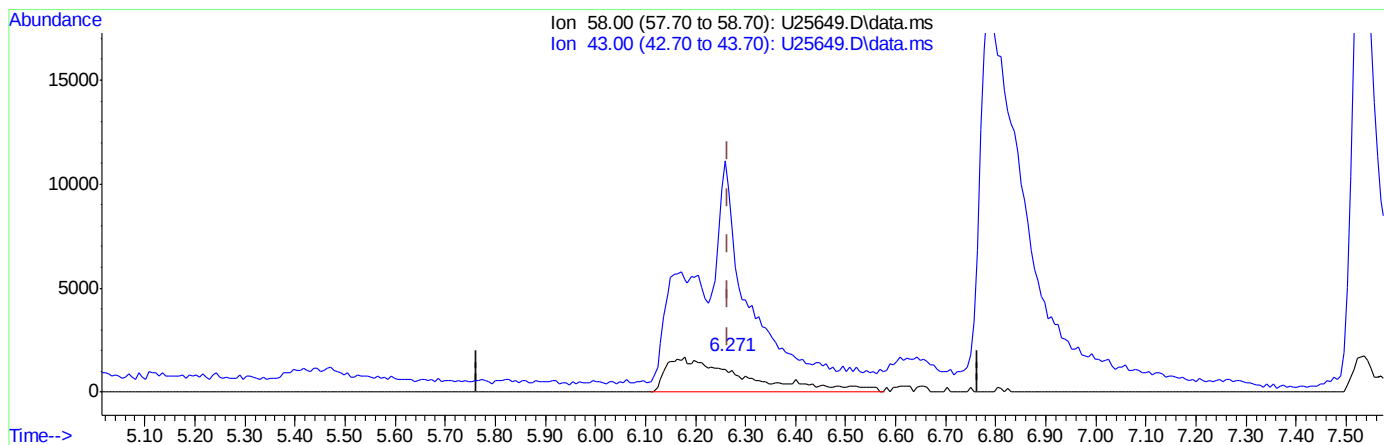
response 13009

Ion	Exp%	Act%
41.00	100	100
40.00	92.30	84.05
39.00	24.50	37.34
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 13:01:03 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 13:00:28 2015
Response via : Initial Calibration



(16) acetone (P)

6.271min (+0.007) 94.43ppb

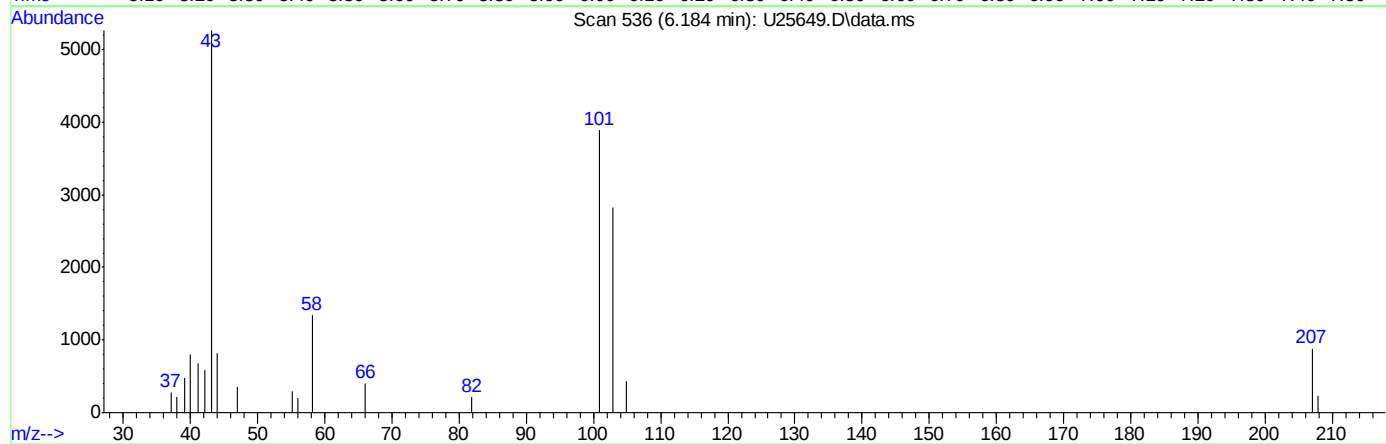
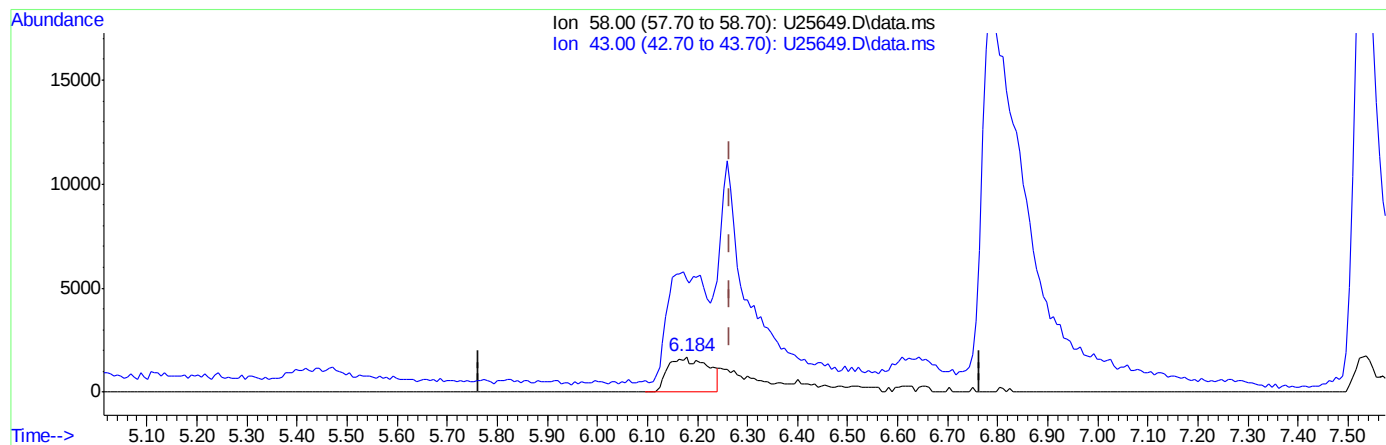
response 18275

Ion	Exp%	Act%
58.00	100	100
43.00	308.80	700.19#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 13:01:03 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 13:00:28 2015
Response via : Initial Calibration



TIC: U25649.D\data.ms

(16) acetone (P)

6.184min (-0.080) 47.59ppb m

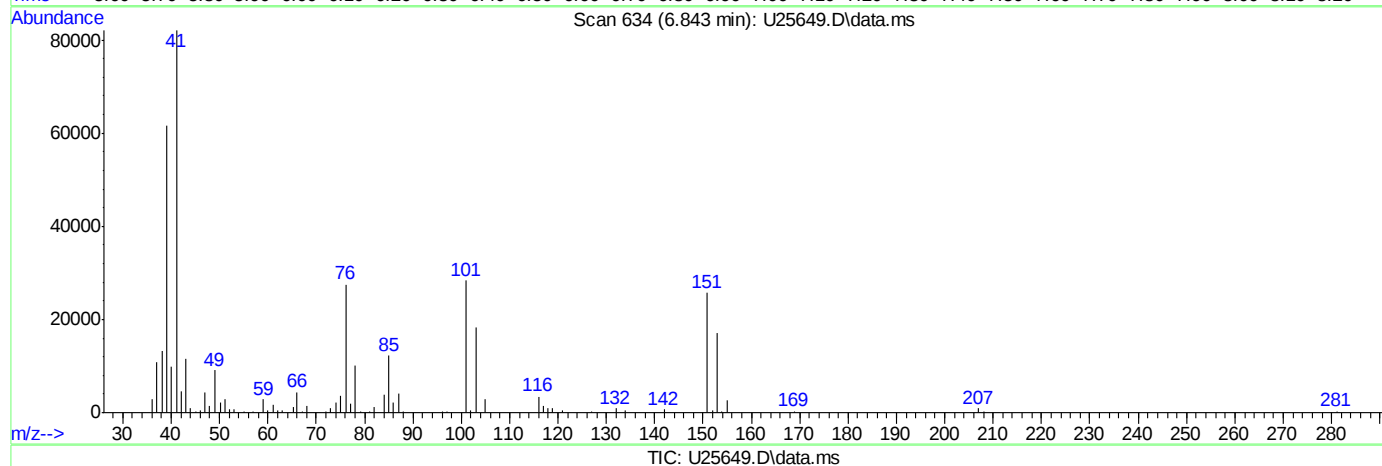
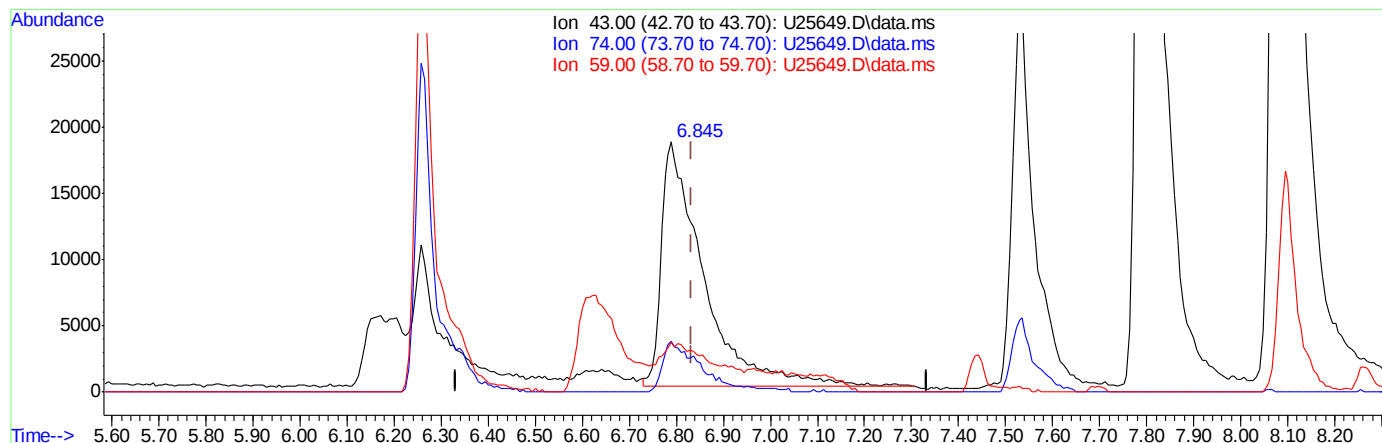
response 9210

Ion	Exp%	Act%
58.00	100	100
43.00	308.80	389.64#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 13:01:03 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 13:00:28 2015
Response via : Initial Calibration



(17) Methyl Acetate (P)

6.845min (+0.012) 29.39ppb

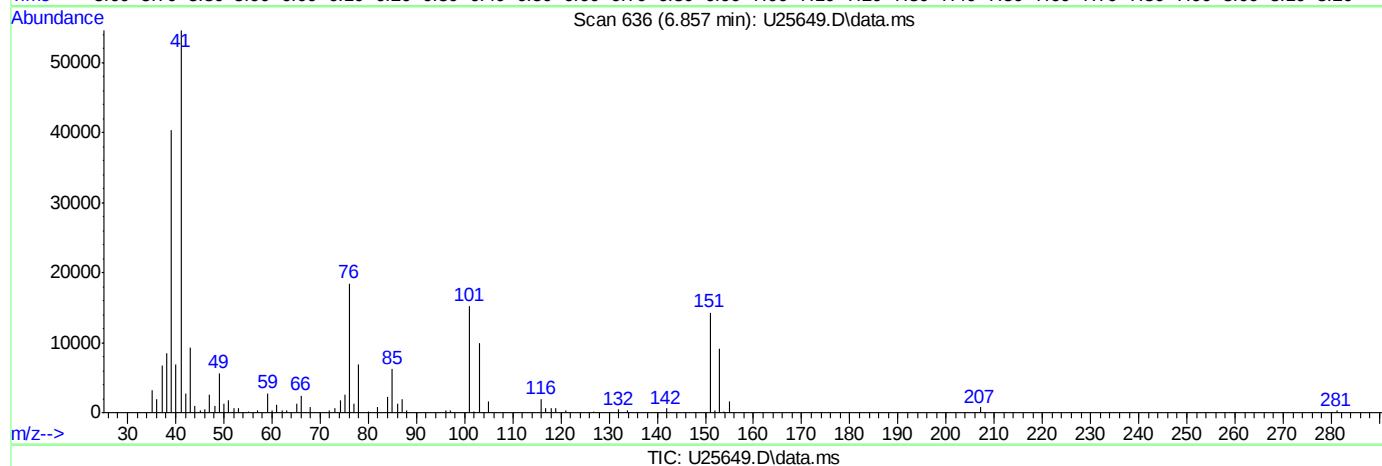
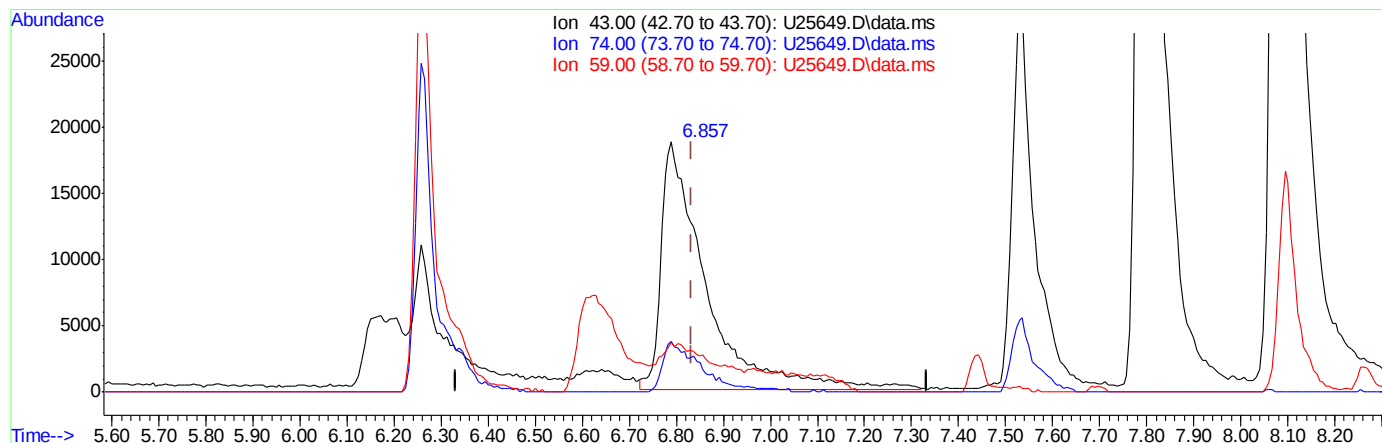
response 115226

Ion	Exp%	Act%
43.00	100	100
74.00	18.30	20.53
59.00	10.60	25.52#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 13:01:03 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 13:00:28 2015
Response via : Initial Calibration



(17) Methyl Acetate (P)

6.857min (+0.024) 31.63ppb m

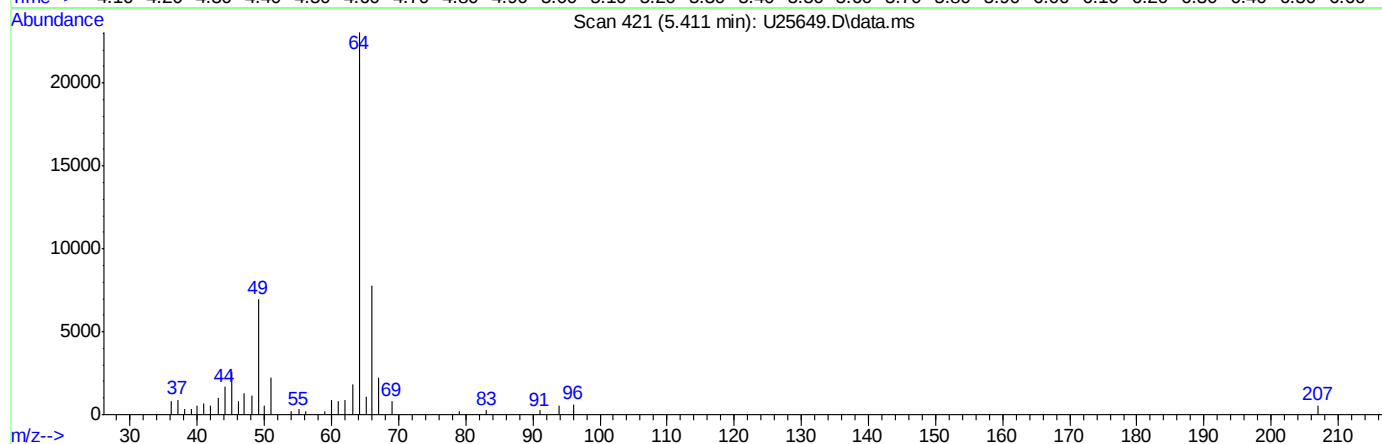
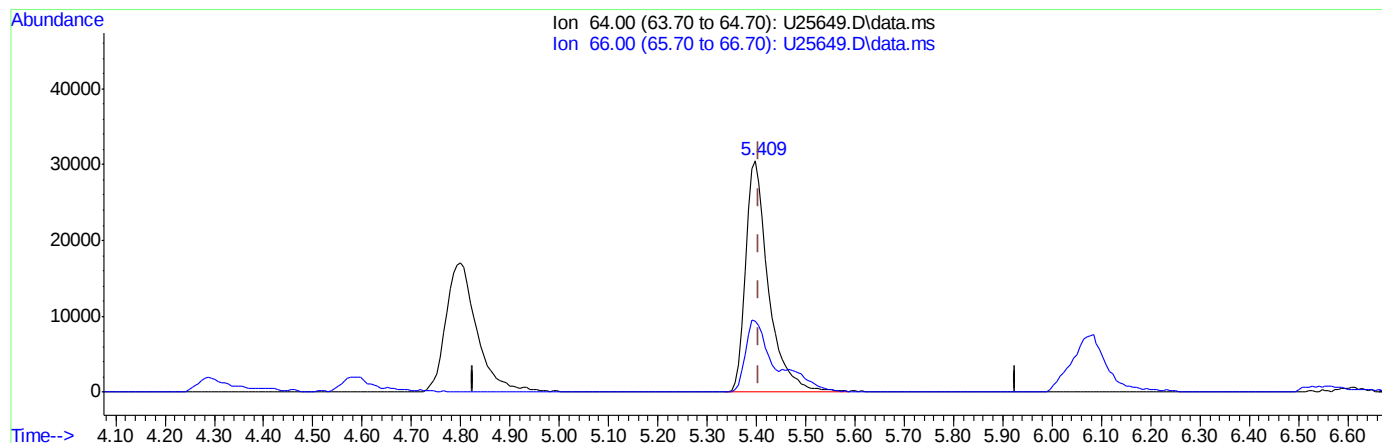
response 124008

Ion	Exp%	Act%
43.00	100	100
74.00	18.30	18.79
59.00	10.60	30.18#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 13:01:48 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 13:00:28 2015
Response via : Initial Calibration



(9) chloroethane (P)

5.409min (+0.003) 61.23ppb

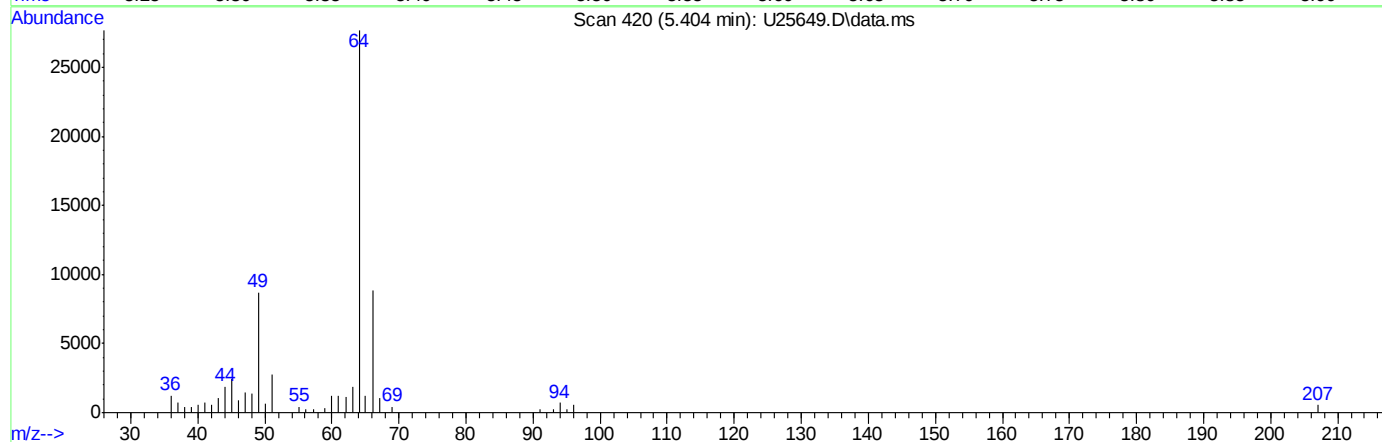
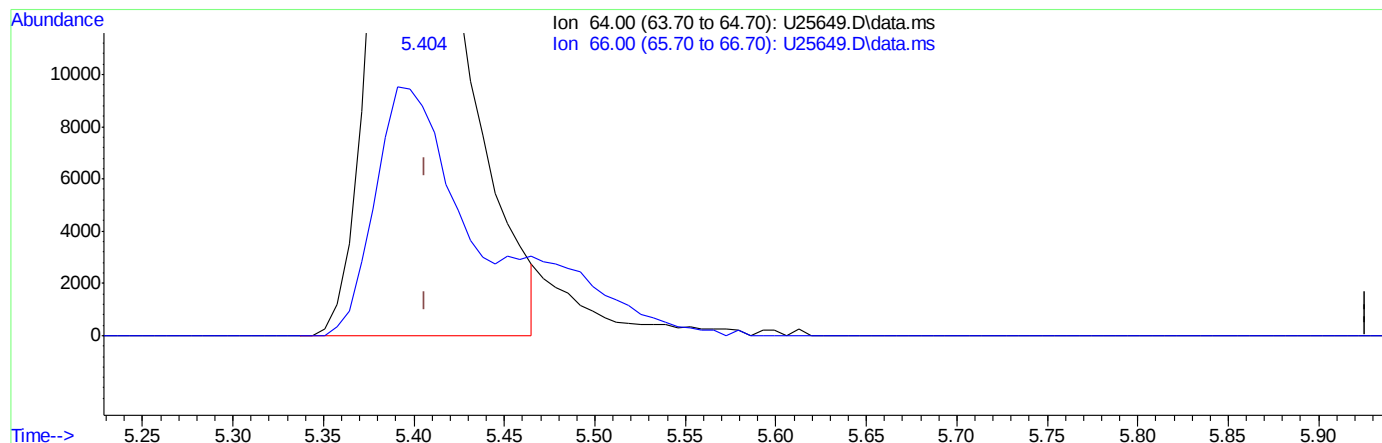
response 97149

Ion	Exp%	Act%
64.00	100	100
66.00	30.10	33.63
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 13:01:48 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 13:00:28 2015
Response via : Initial Calibration



TIC: U25649.D\data.ms

(9) chloroethane (P)

5.404min (-0.002) 58.10ppb m

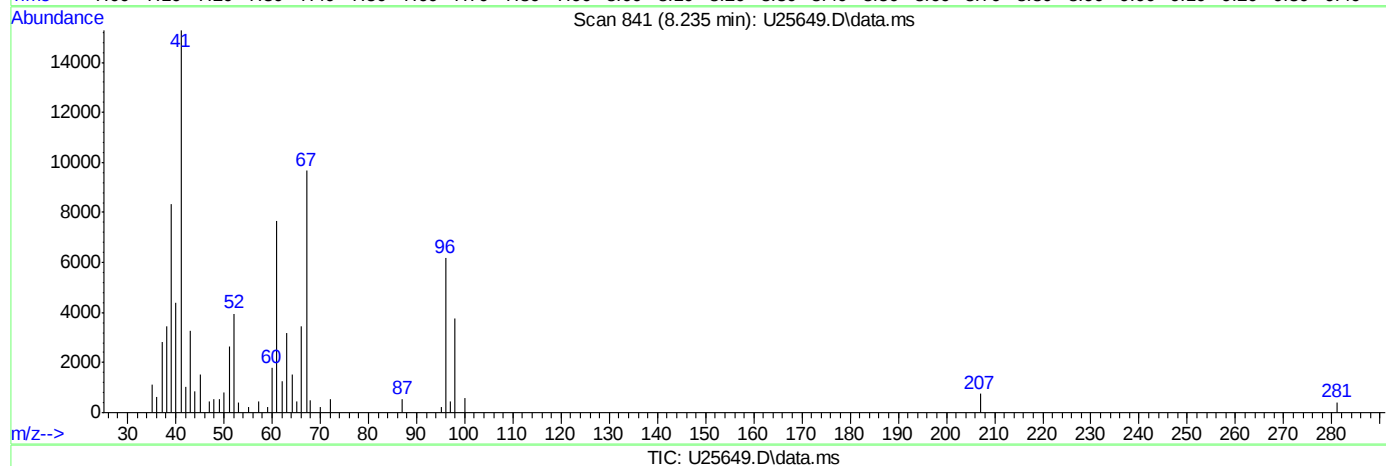
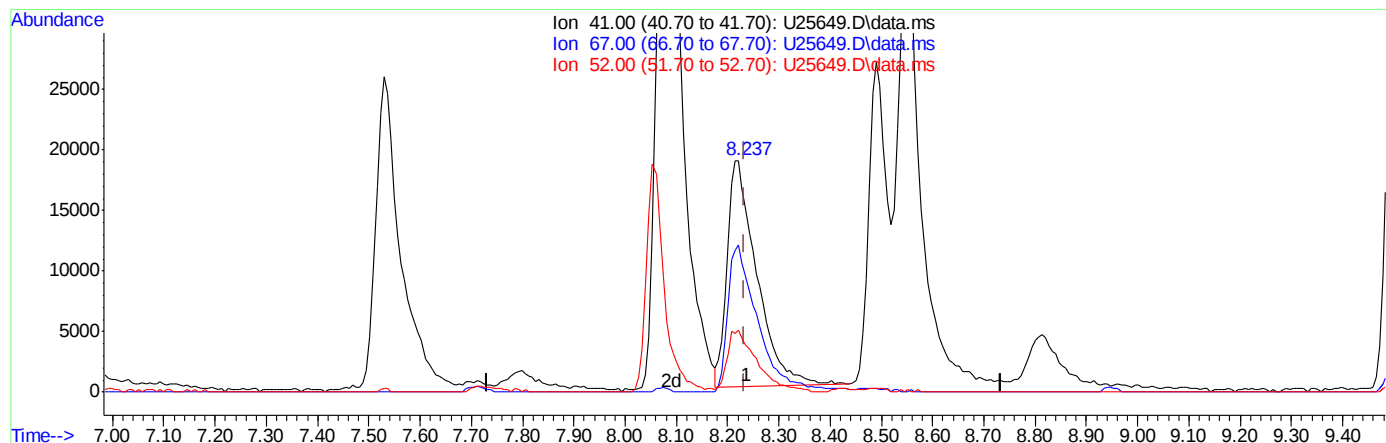
response 92175

Ion	Exp%	Act%
64.00	100	100
66.00	30.10	31.85
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 13:02:48 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 13:00:28 2015
Response via : Initial Calibration



(29) methacrylonitrile (P)

8.237min (+0.004) 39.26ppb

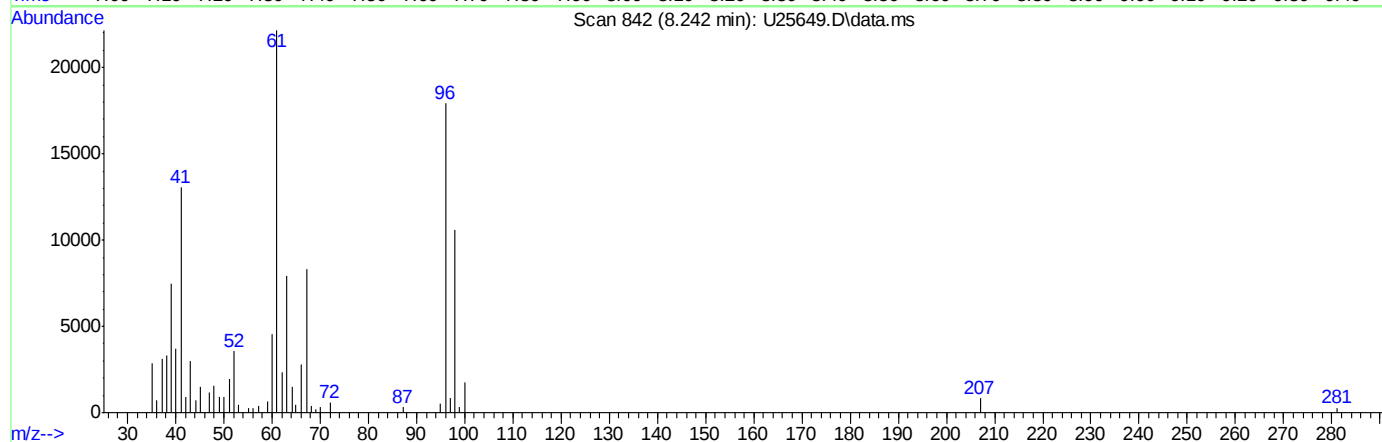
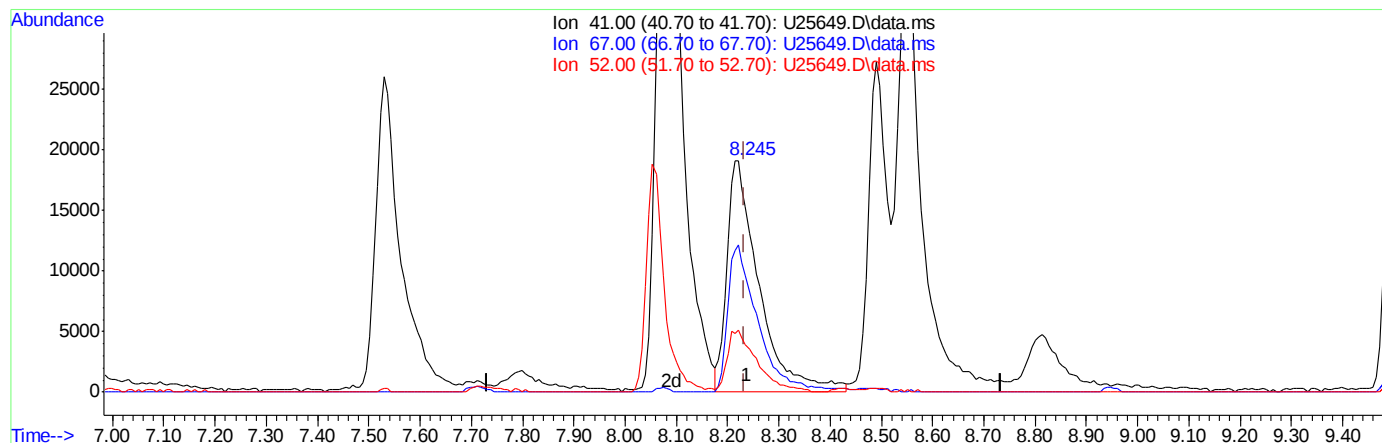
response 74563

Ion	Exp%	Act%
41.00	100	100
67.00	54.00	66.15
52.00	26.90	25.66
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 13:02:48 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 13:00:28 2015
Response via : Initial Calibration



TIC: U25649.D\data.ms

(29) methacrylonitrile (P)

8.242min (+0.009) 43.77ppb m

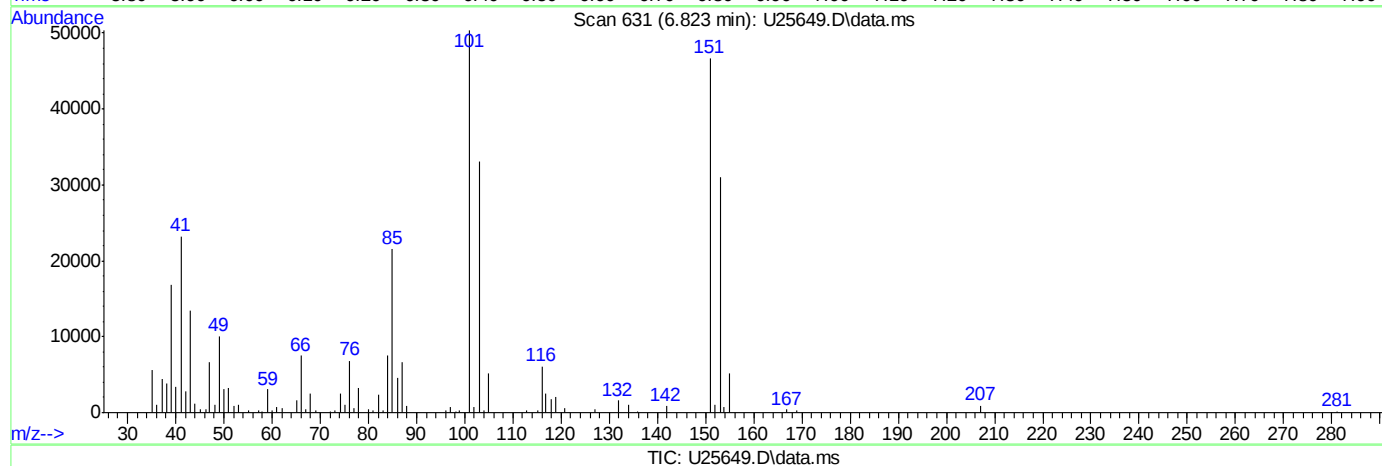
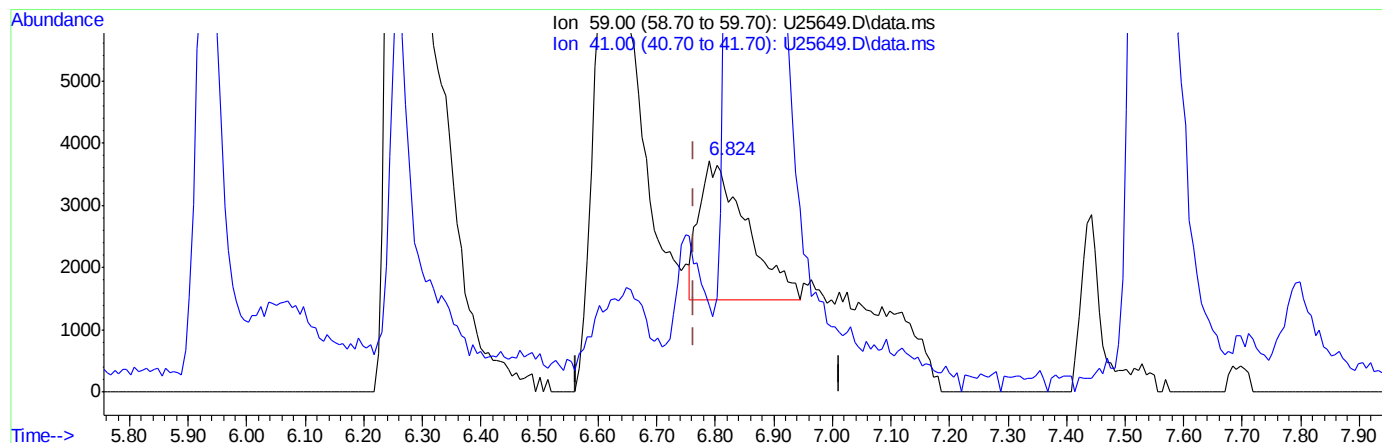
response 83126

Ion	Exp%	Act%
41.00	100	100
67.00	54.00	63.62
52.00	26.90	27.21
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 13:46:00 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 13:43:43 2015
Response via : Initial Calibration



(2) tertiary butyl alcohol (P)

6.824min (+0.061) 79.05ppb

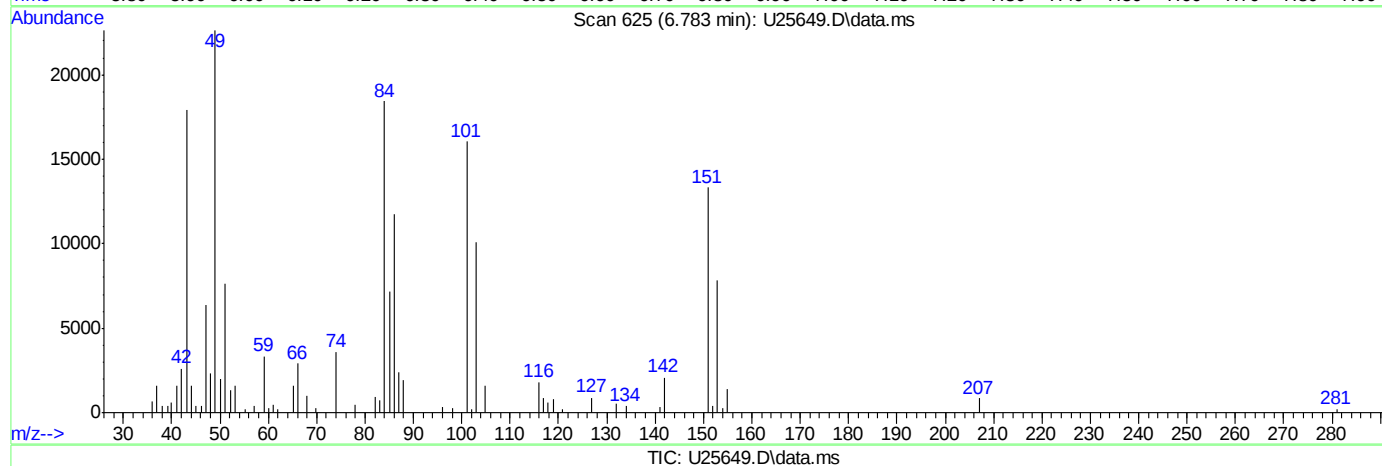
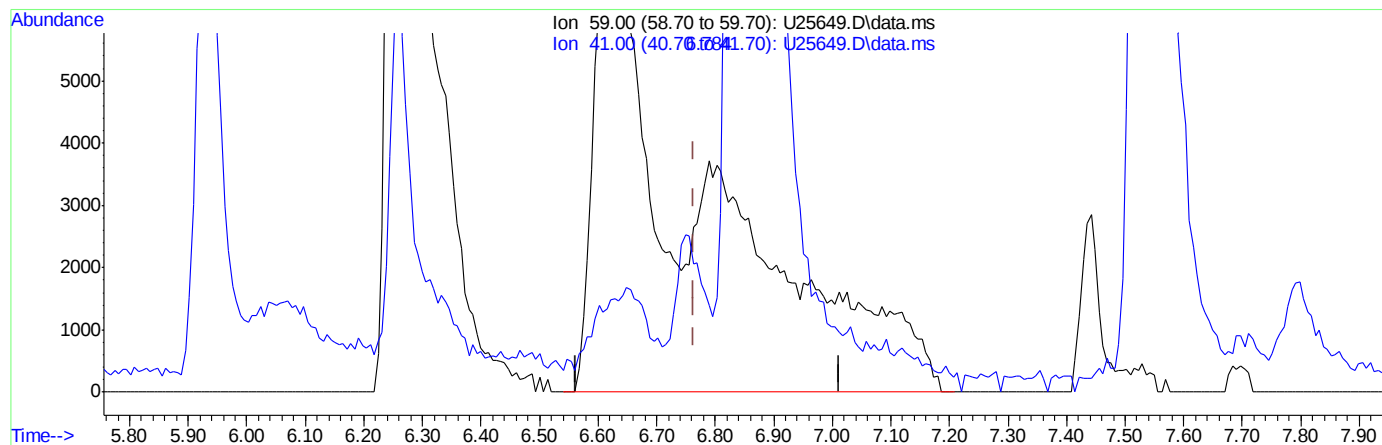
response 12608

Ion	Exp%	Act%
59.00	100	100
41.00	23.90	1314.49#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 13:46:00 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 13:43:43 2015
Response via : Initial Calibration



(2) tertiary butyl alcohol (P)

6.783min (+0.020) 527.12ppb m

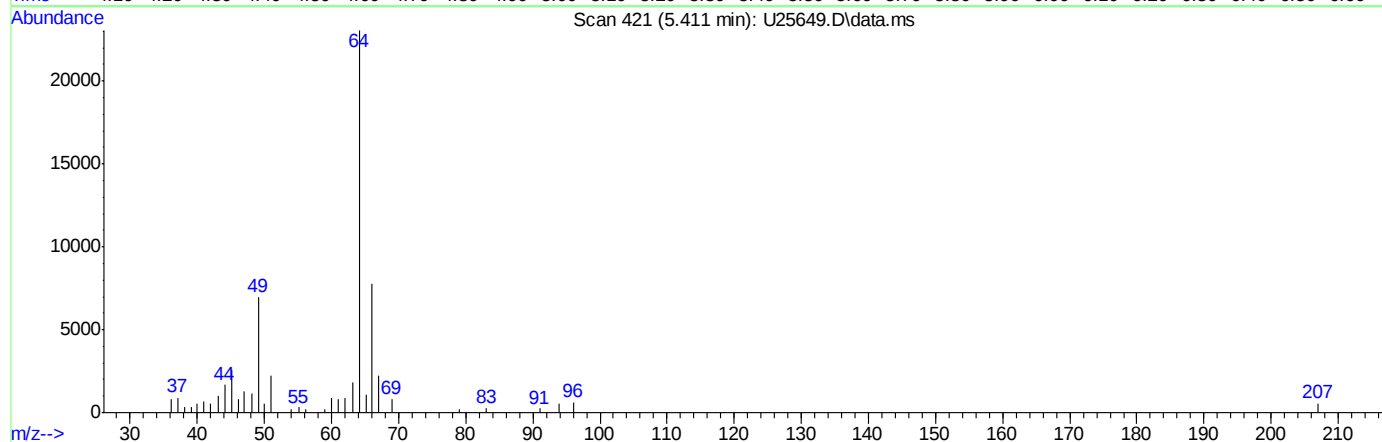
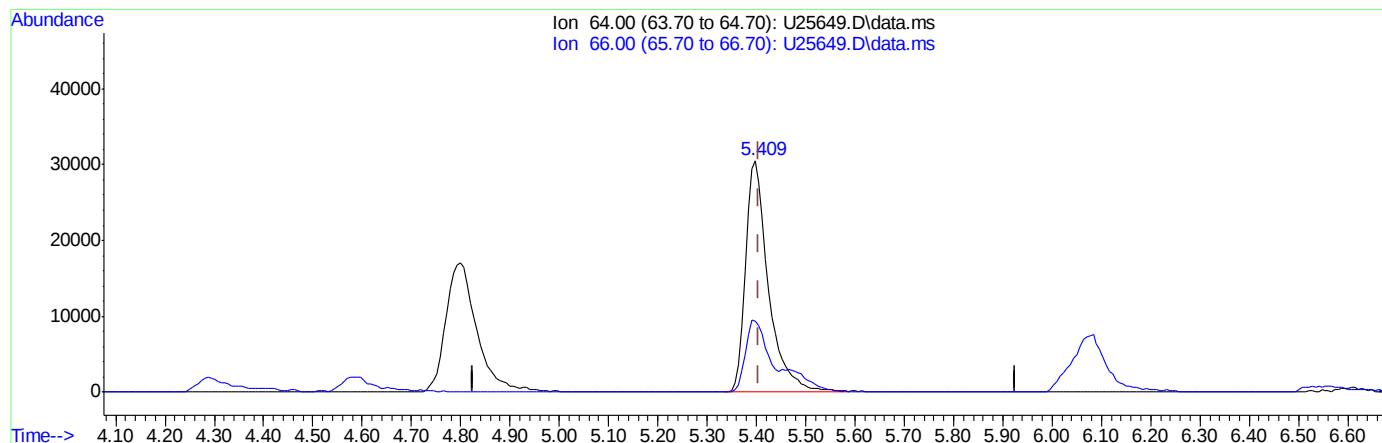
response 93947

Ion	Exp%	Act%
59.00	100	100
41.00	23.90	48.31
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 13:46:00 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 13:43:43 2015
Response via : Initial Calibration



TIC: U25649.D\data.ms

(9) chloroethane (P)

5.409min (+0.003) 61.23ppb

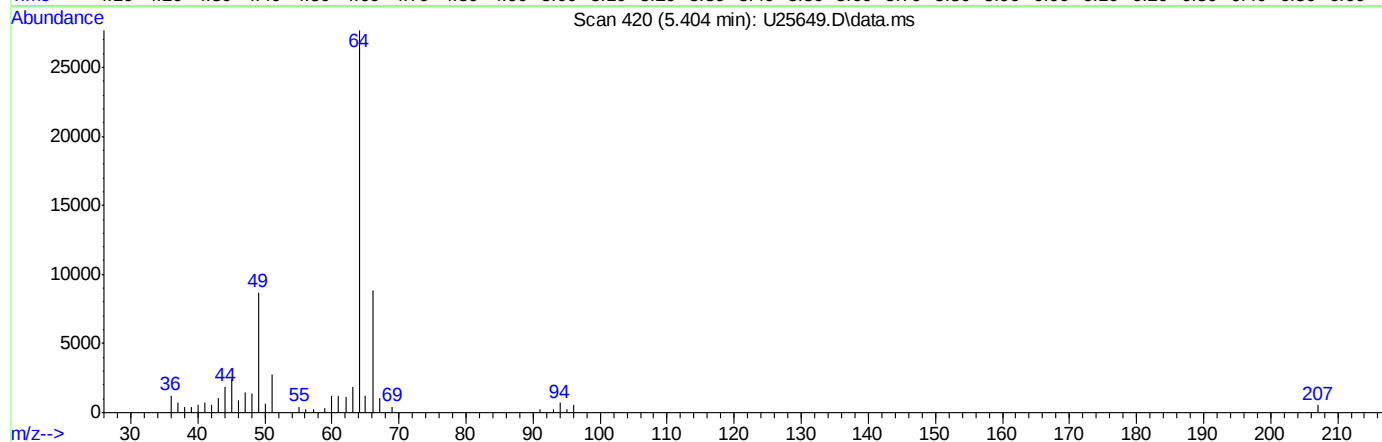
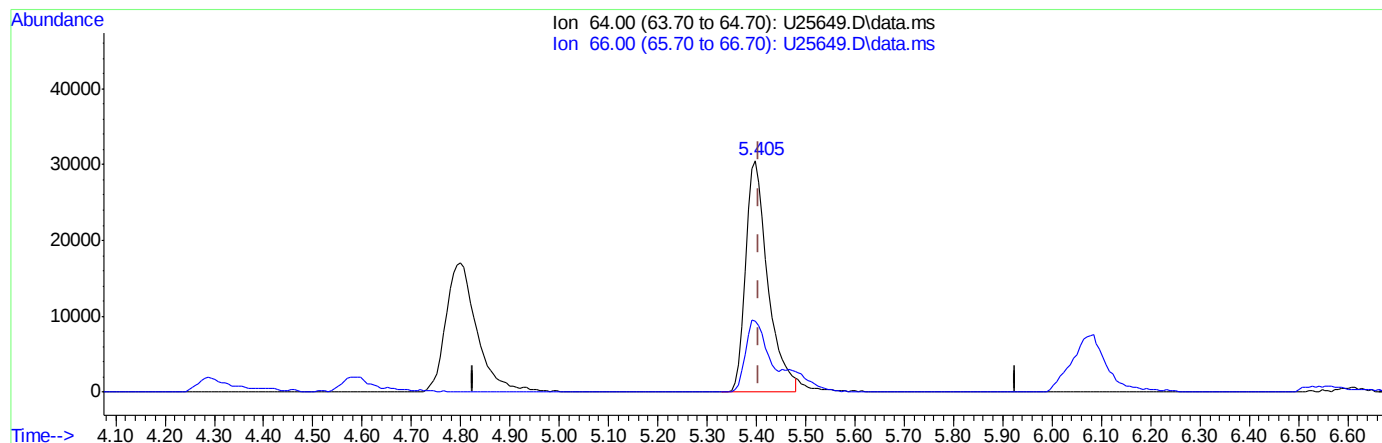
response 97149

Ion	Exp%	Act%
64.00	100	100
66.00	30.10	33.63
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 13:46:00 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 13:43:43 2015
Response via : Initial Calibration



TIC: U25649.D\data.ms

(9) chloroethane (P)

5.404min (-0.002) 59.12ppb m

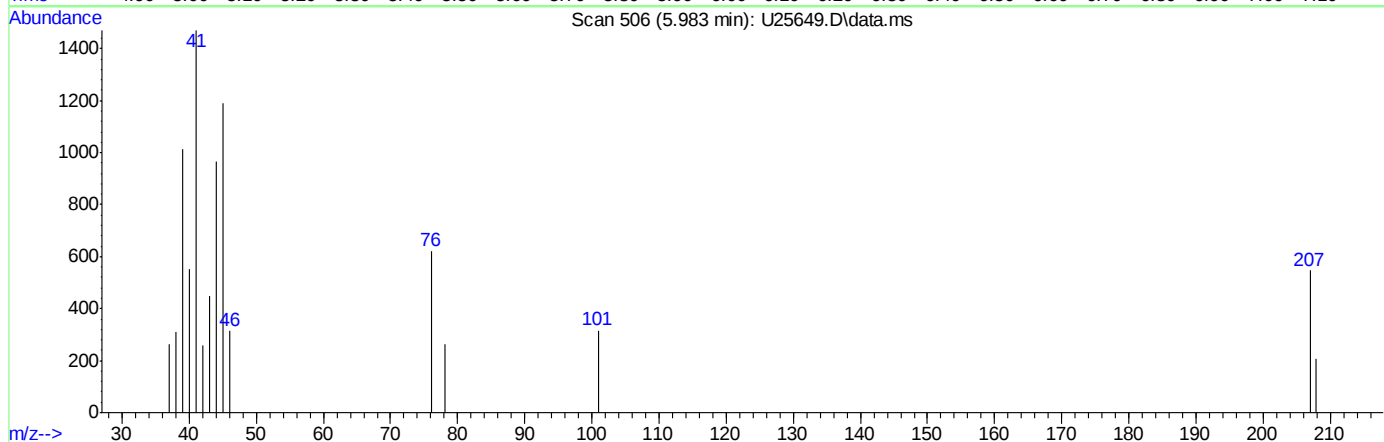
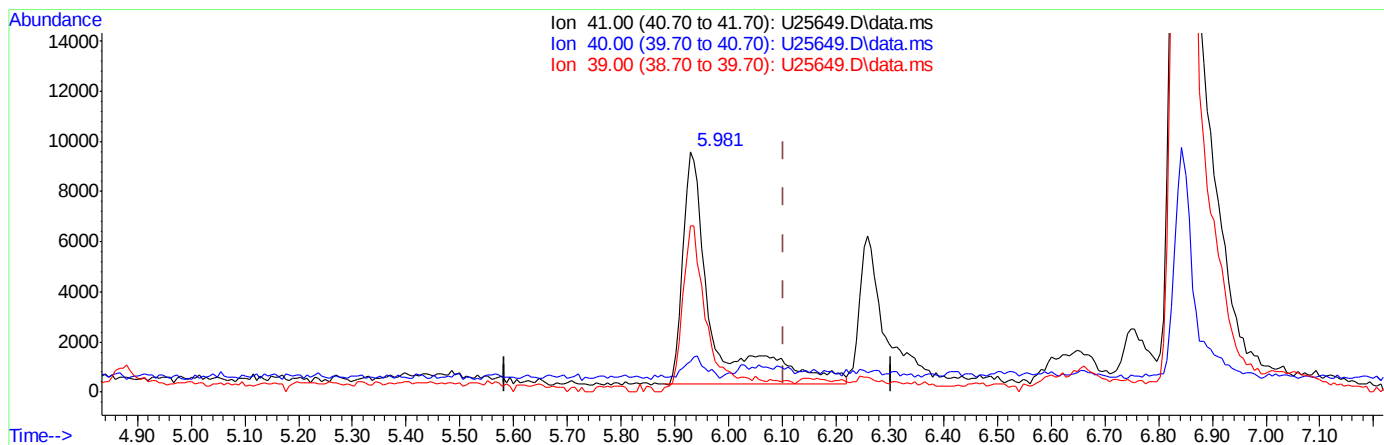
response 93795

Ion	Exp%	Act%
64.00	100	100
66.00	30.10	31.85
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 13:46:00 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 13:43:43 2015
Response via : Initial Calibration



TIC: U25649.D\data.ms

(11) acetonitrile (P)

5.981min (-0.123) 121.61ppb

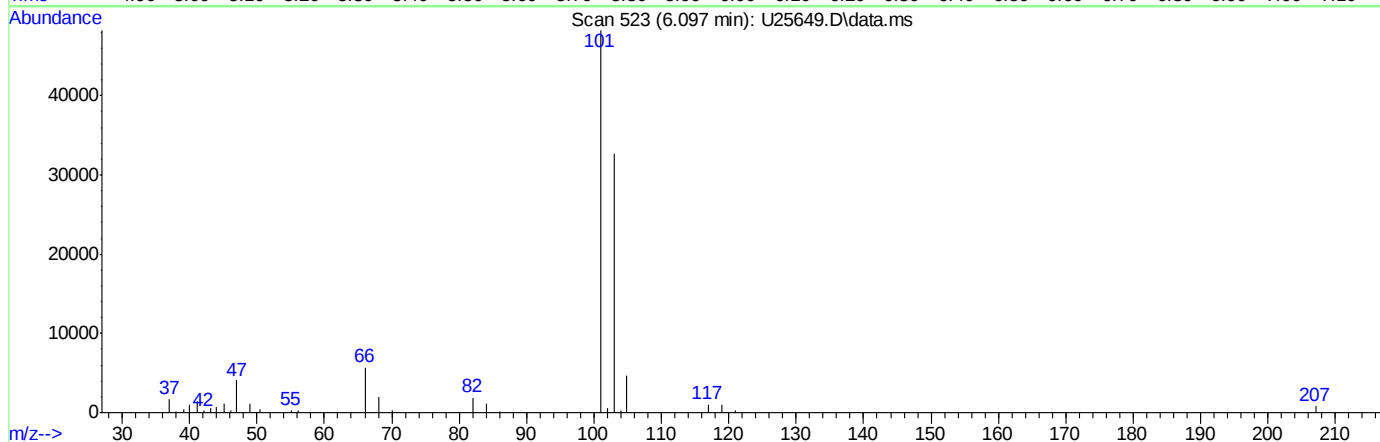
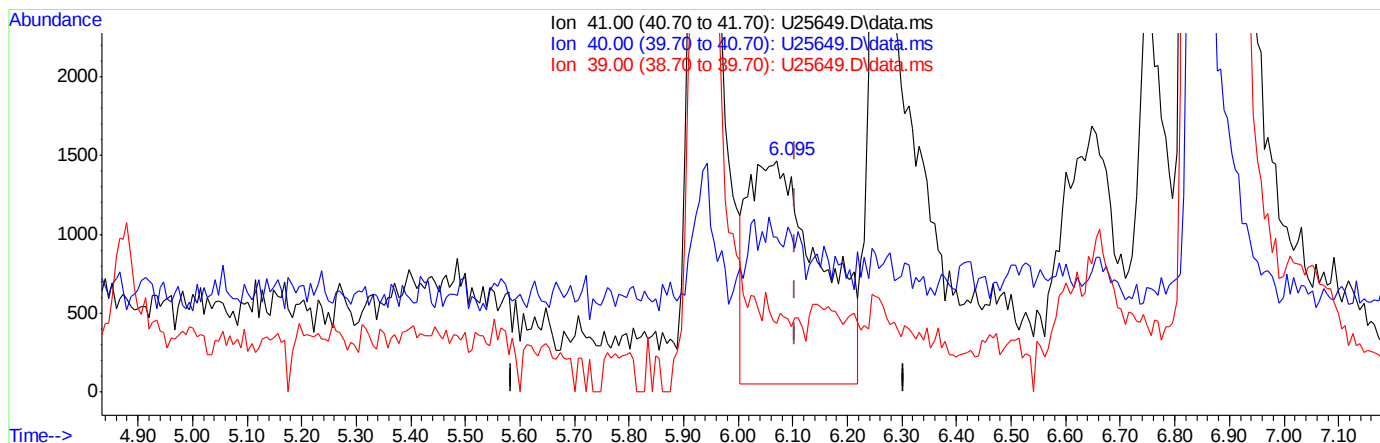
response 34911

Ion	Exp%	Act%
41.00	100	100
40.00	92.30	0.00#
39.00	24.50	69.73#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 13:46:00 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 13:43:43 2015
Response via : Initial Calibration



TIC: U25649.D\data.ms

(11) acetonitrile (P)

6.097min (-0.007) 44.71ppb m

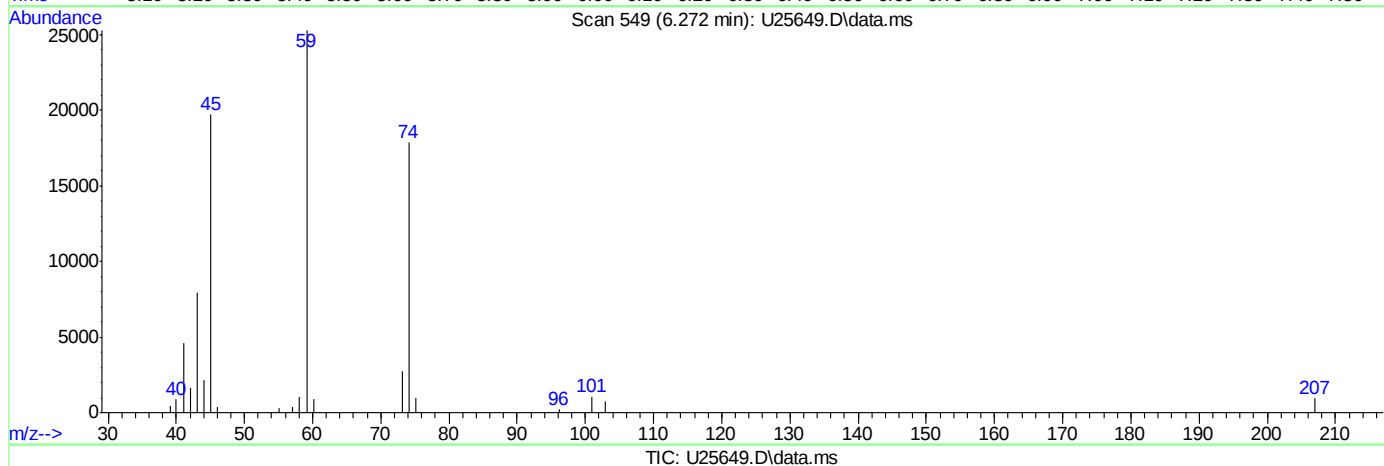
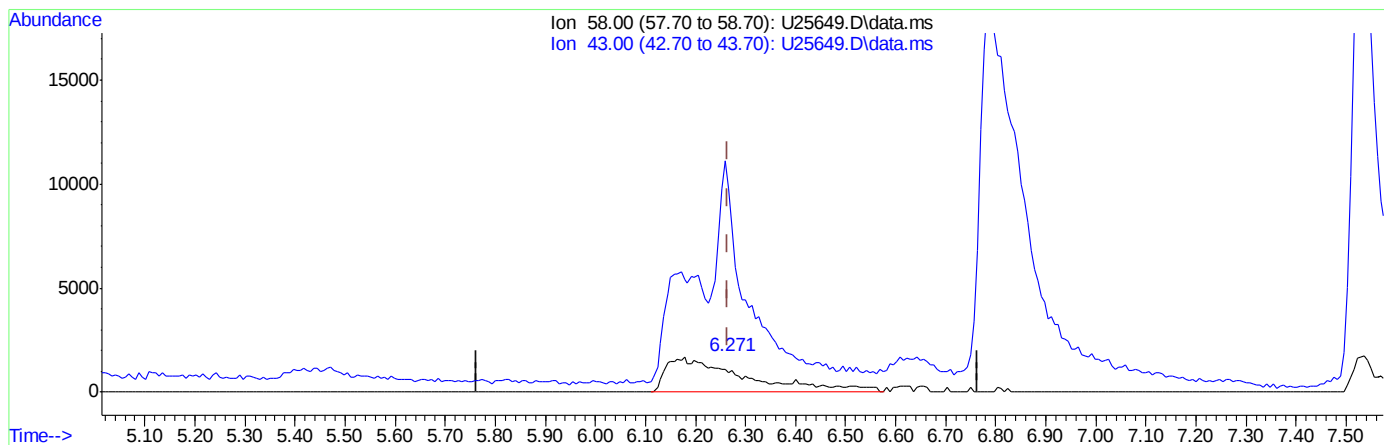
response 13009

Ion	Exp%	Act%
41.00	100	100
40.00	92.30	72.93
39.00	24.50	30.43
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 13:46:00 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 13:43:43 2015
Response via : Initial Calibration



(16) acetone (P)

6.271min (+0.007) 94.43ppb

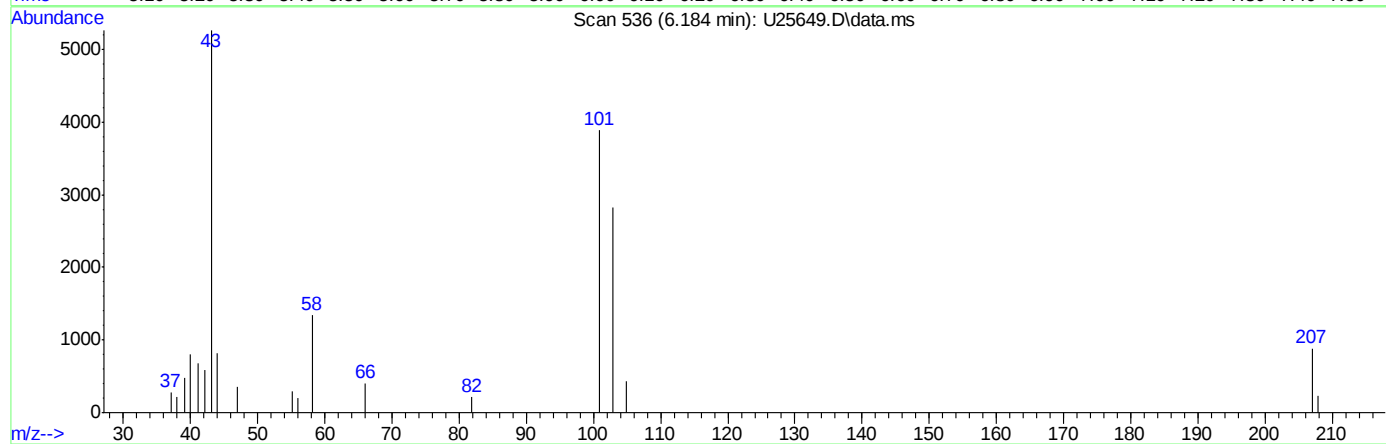
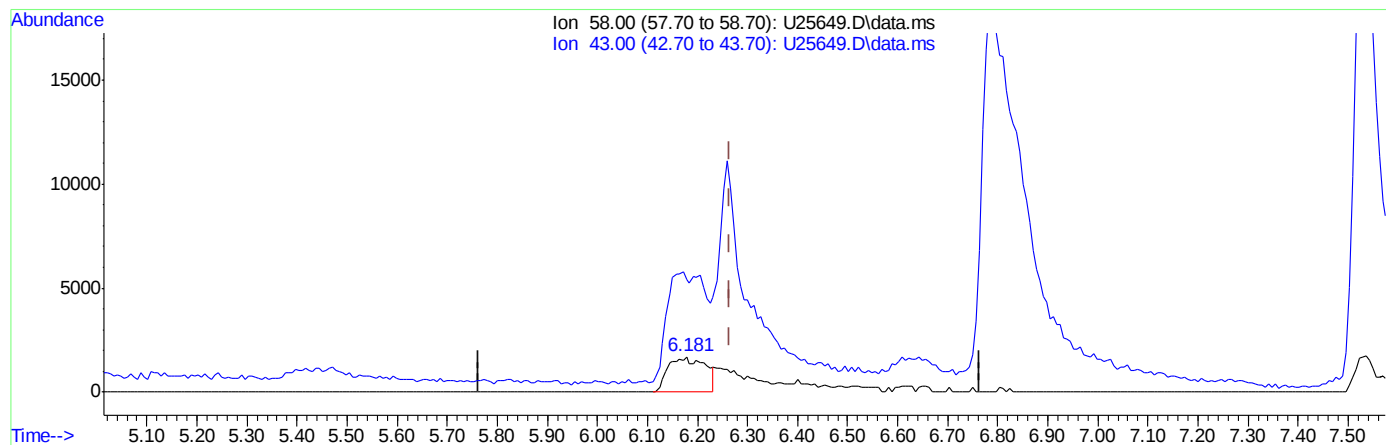
response 18275

Ion	Exp%	Act%
58.00	100	100
43.00	308.80	700.19#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 13:46:00 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 13:43:43 2015
Response via : Initial Calibration



TIC: U25649.D\data.ms

(16) acetone (P)

6.184min (-0.080) 45.15ppb m

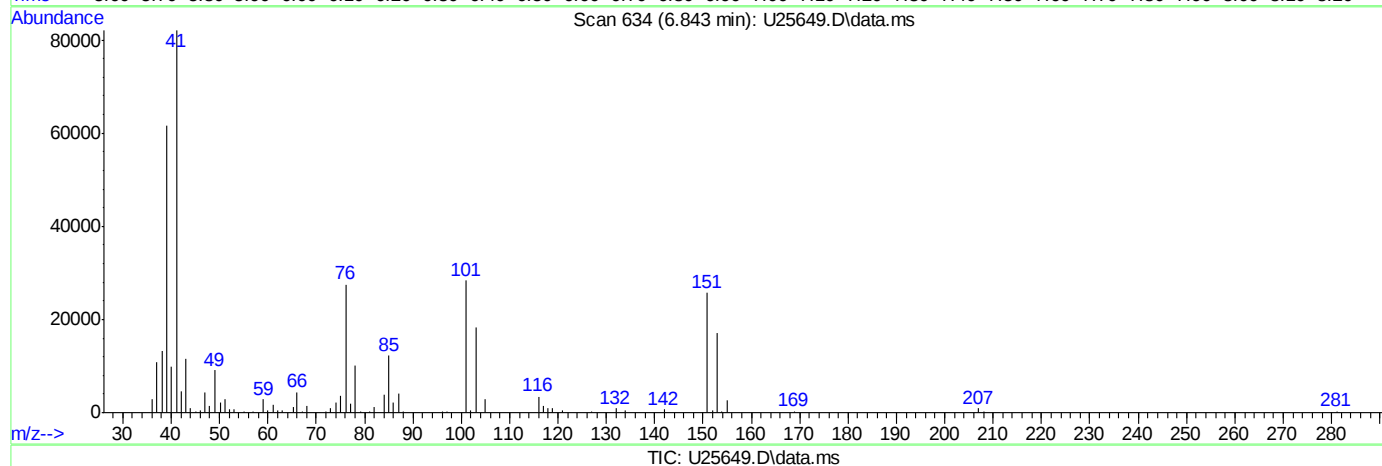
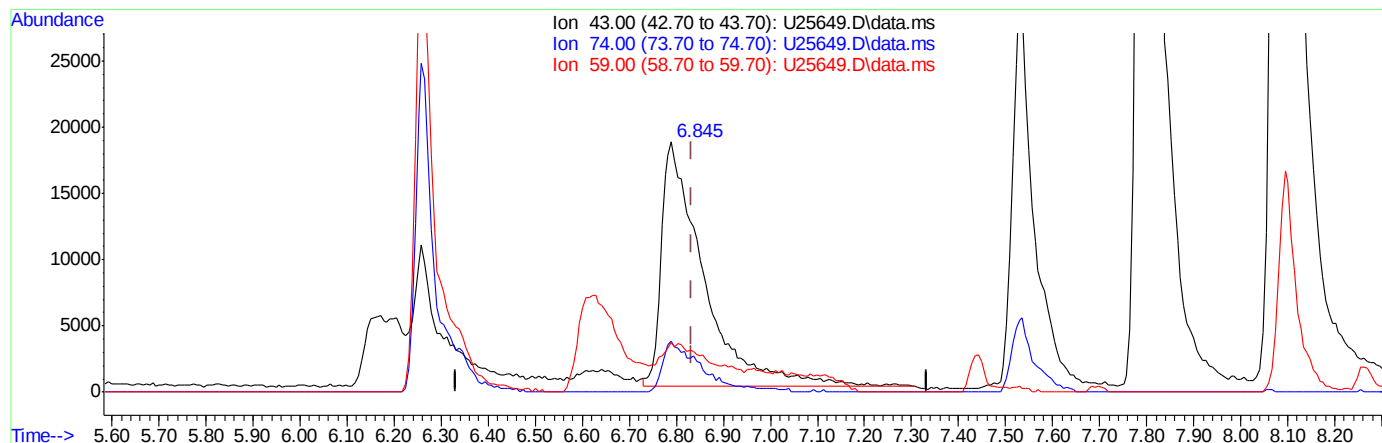
response 8737

Ion	Exp%	Act%
58.00	100	100
43.00	308.80	389.64#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 13:46:00 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 13:43:43 2015
Response via : Initial Calibration



(17) Methyl Acetate (P)

6.845min (+0.012) 29.39ppb

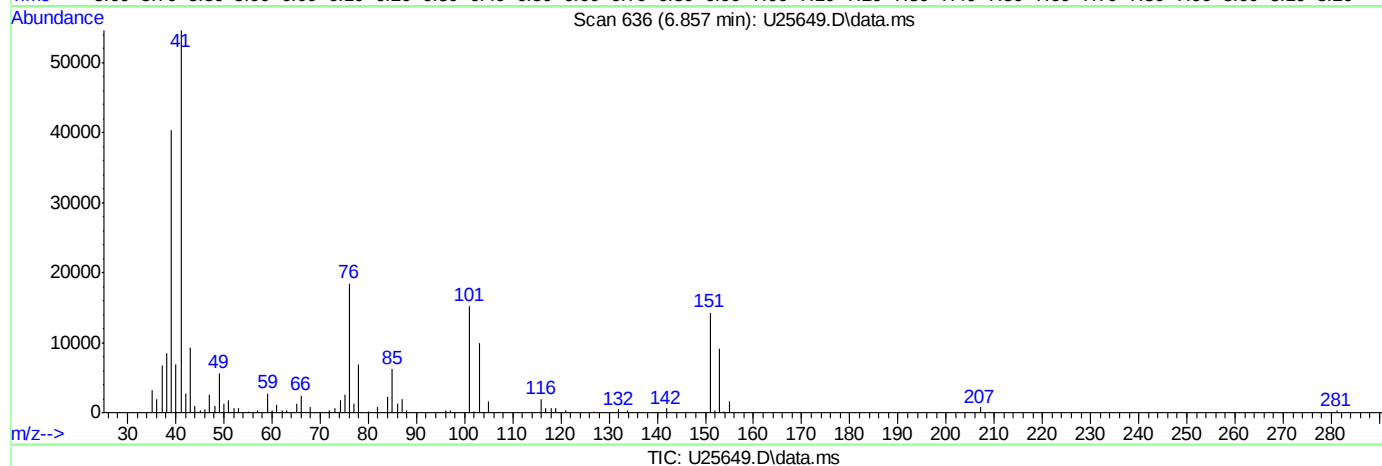
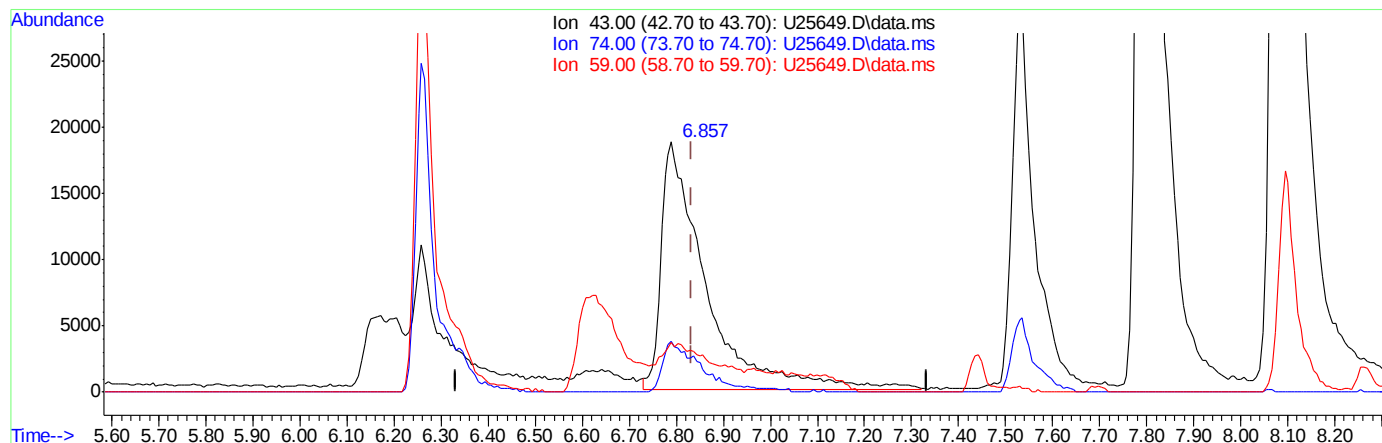
response 115226

Ion	Exp%	Act%
43.00	100	100
74.00	18.30	20.53
59.00	10.60	25.52#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 13:46:00 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 13:43:43 2015
Response via : Initial Calibration



(17) Methyl Acetate (P)

6.857min (+0.024) 31.55ppb m

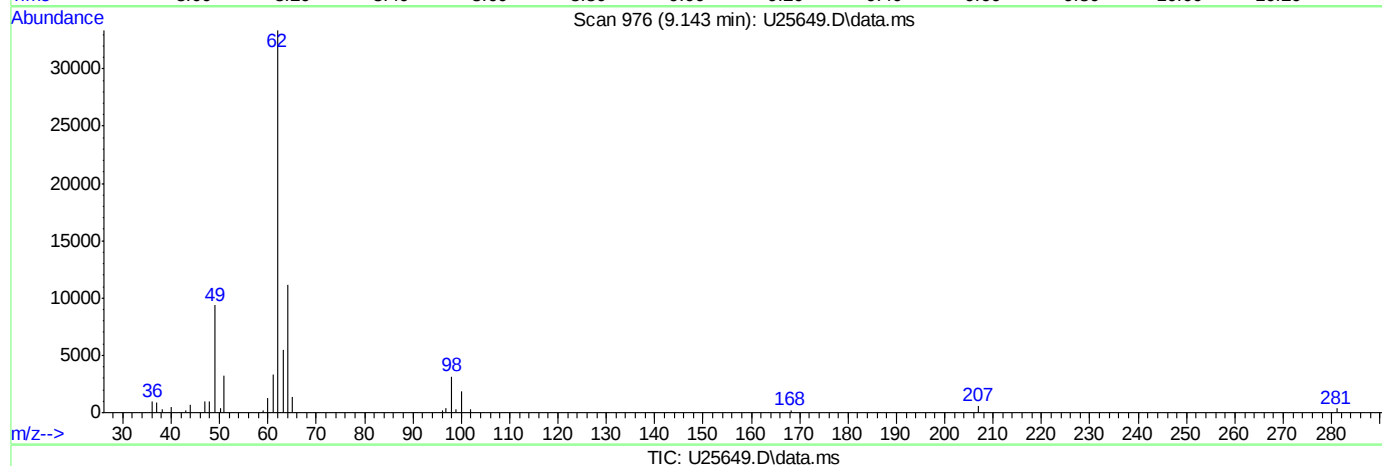
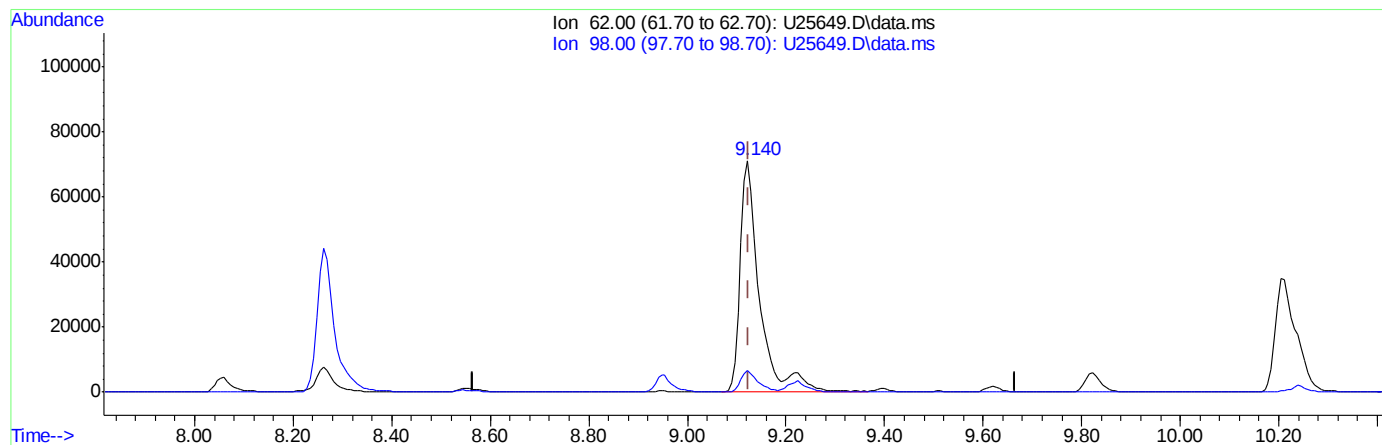
response 123680

Ion	Exp%	Act%
43.00	100	100
74.00	18.30	18.79
59.00	10.60	30.18#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 13:46:00 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 13:43:43 2015
Response via : Initial Calibration



(48) 1,2-dichloroethane (P)

9.140min (+0.014) 51.89ppb

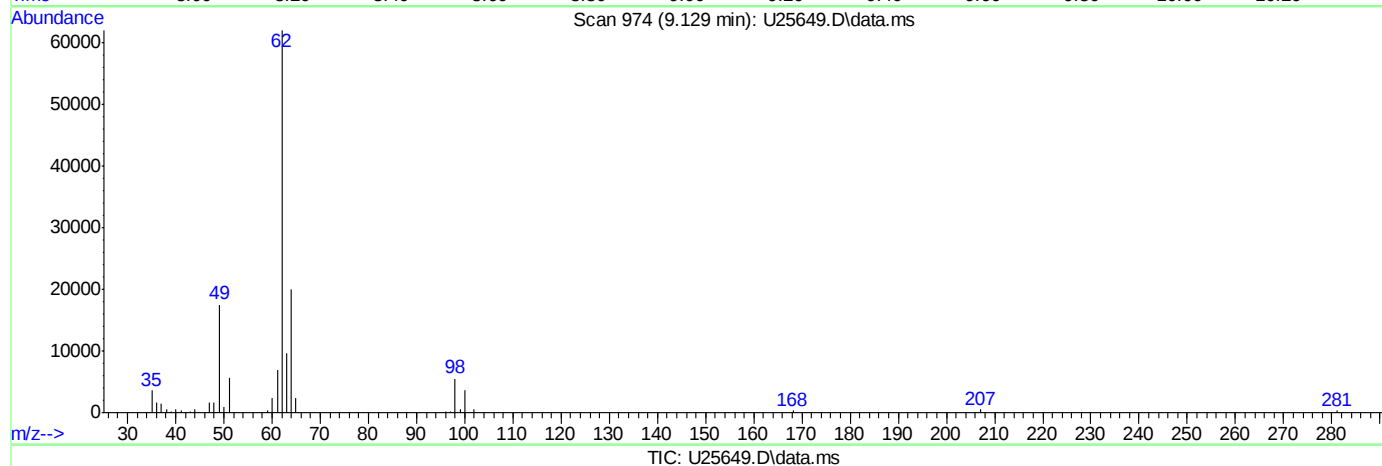
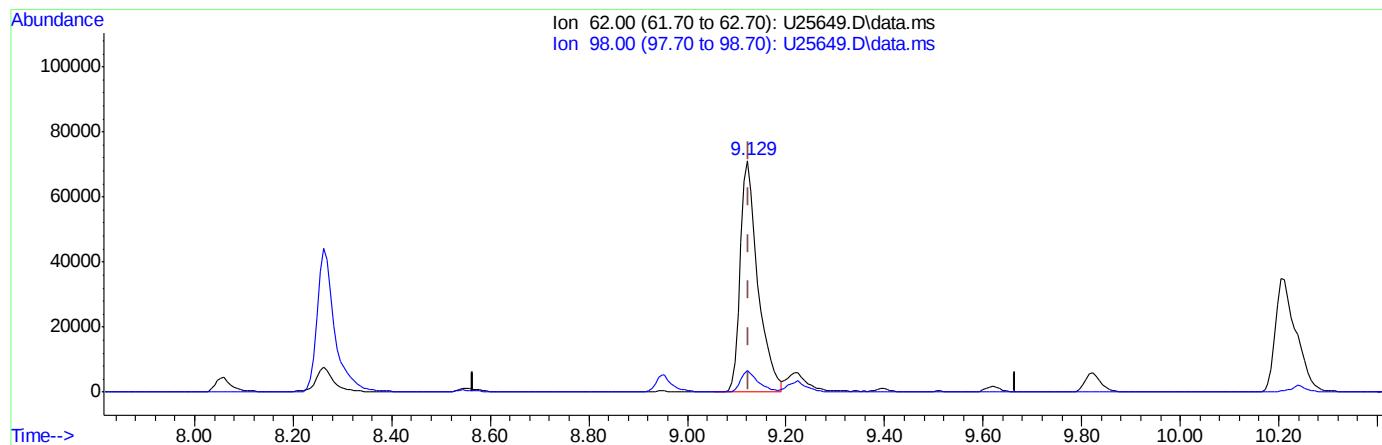
response 198478

Ion	Exp%	Act%
62.00	100	100
98.00	7.60	9.46
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 13:46:00 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 13:43:43 2015
Response via : Initial Calibration



(48) 1,2-dichloroethane (P)

9.129min (+0.003) 46.91ppb m

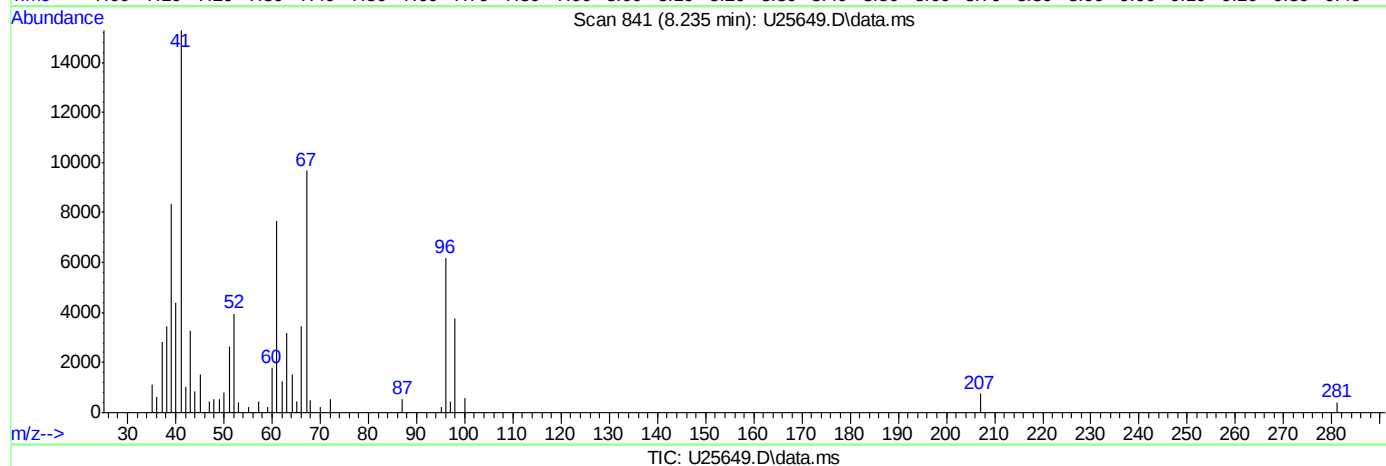
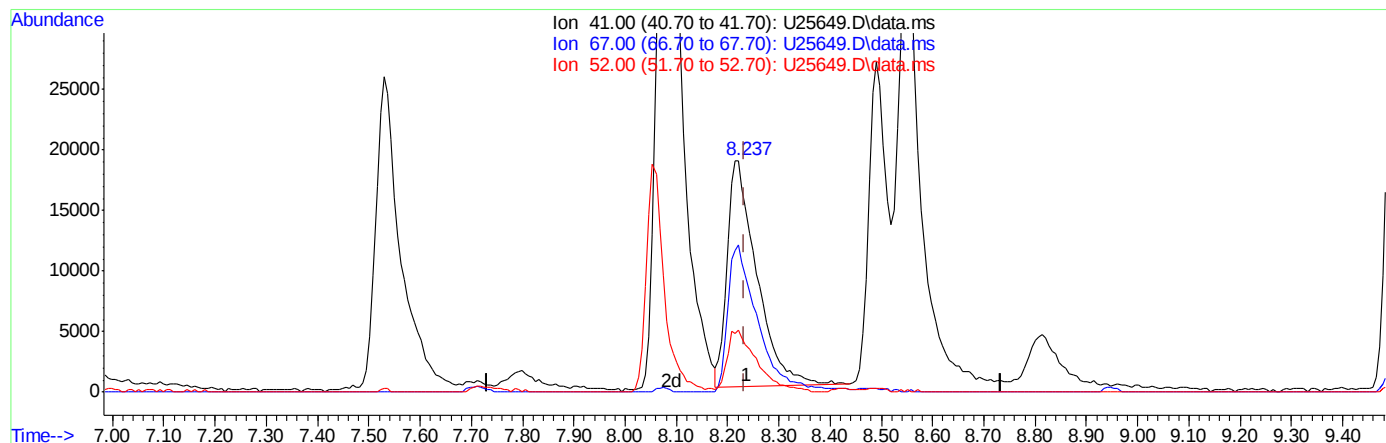
response 179414

Ion	Exp%	Act%
62.00	100	100
98.00	7.60	8.86
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 13:48:11 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 13:43:43 2015
Response via : Initial Calibration



(29) methacrylonitrile (P)

8.237min (+0.004) 39.26ppb

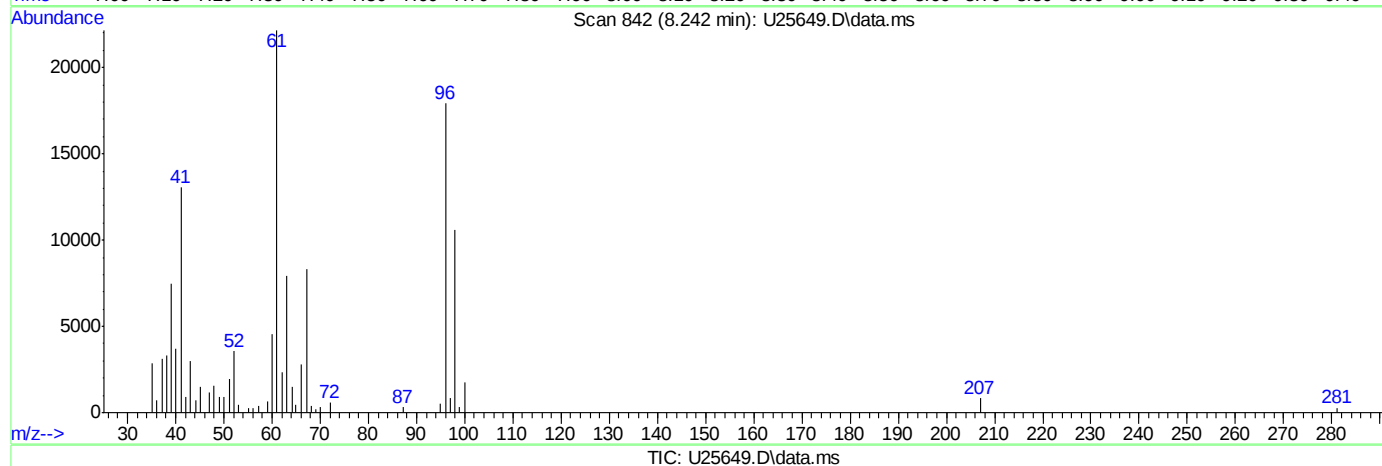
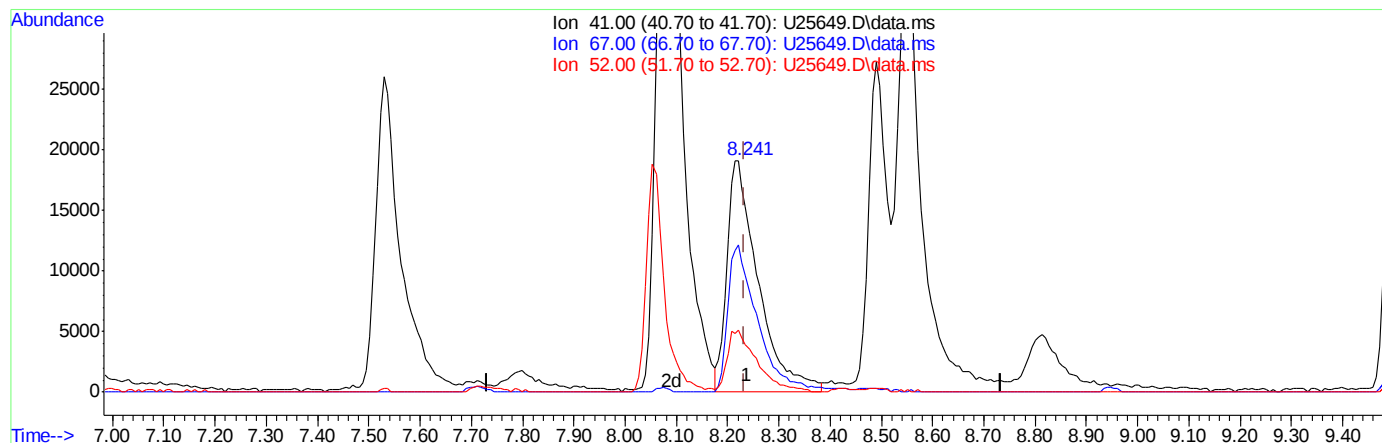
response 74563

Ion	Exp%	Act%
41.00	100	100
67.00	54.00	66.15
52.00	26.90	25.66
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 13:48:11 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 13:43:43 2015
Response via : Initial Calibration



(29) methacrylonitrile (P)

8.242min (+0.009) 42.61ppb m

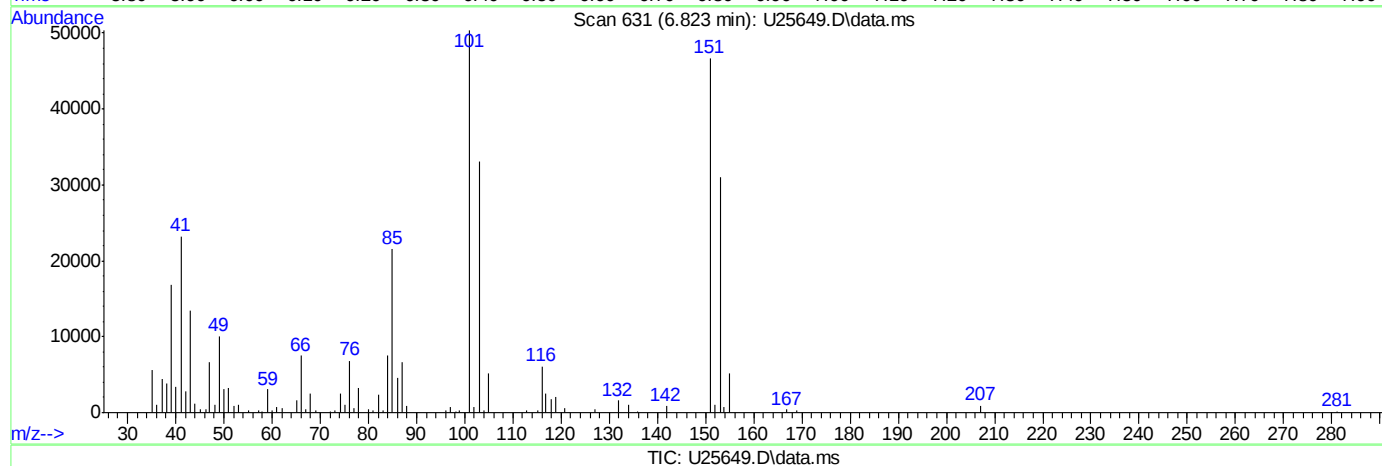
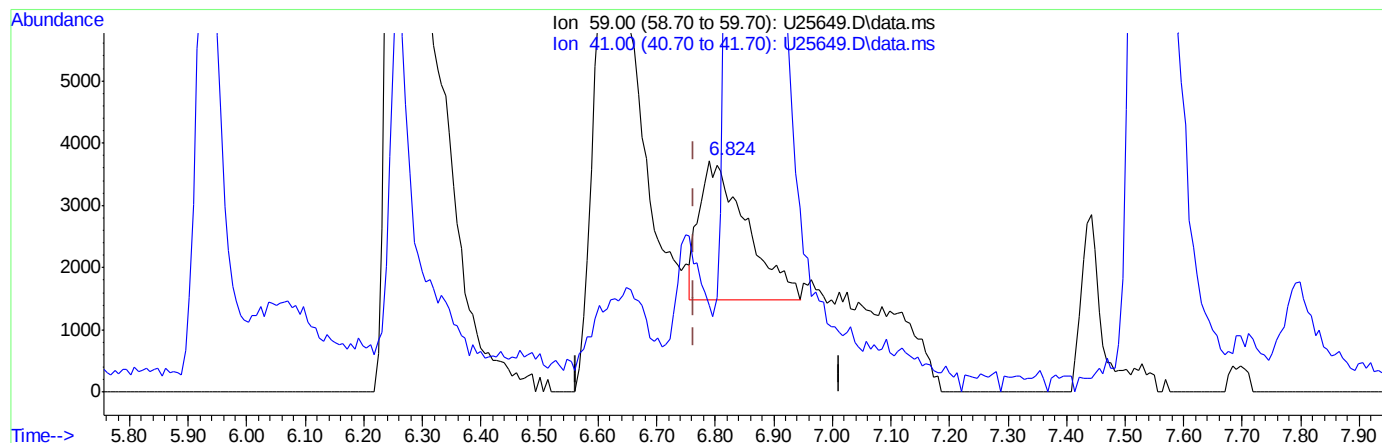
response 80919

Ion	Exp%	Act%
41.00	100	100
67.00	54.00	63.62
52.00	26.90	27.21
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 15:15:16 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(2) tertiary butyl alcohol (P)

6.824min (+0.061) 79.05ppb

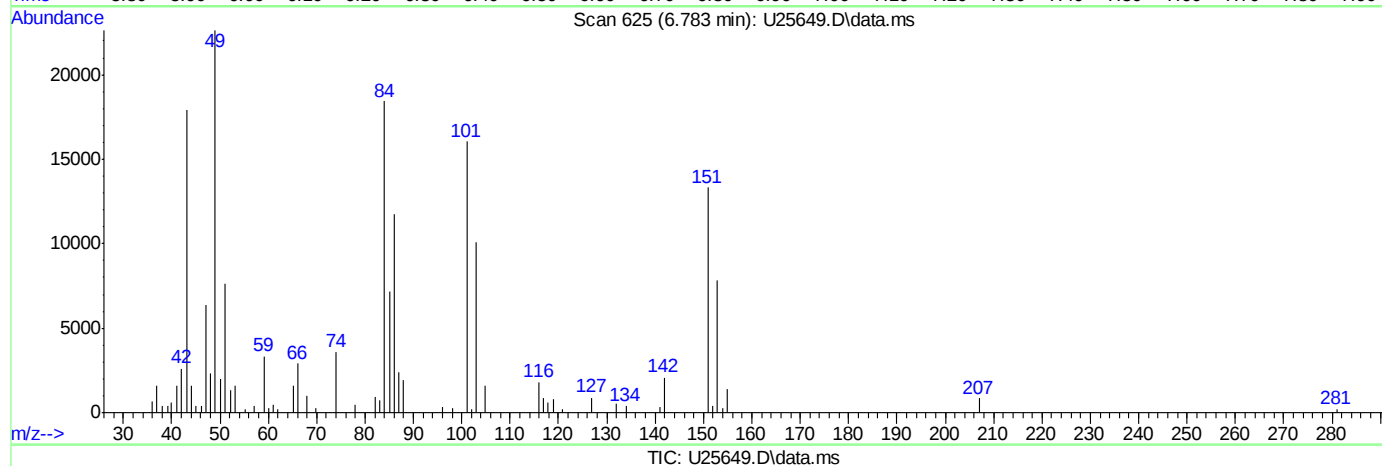
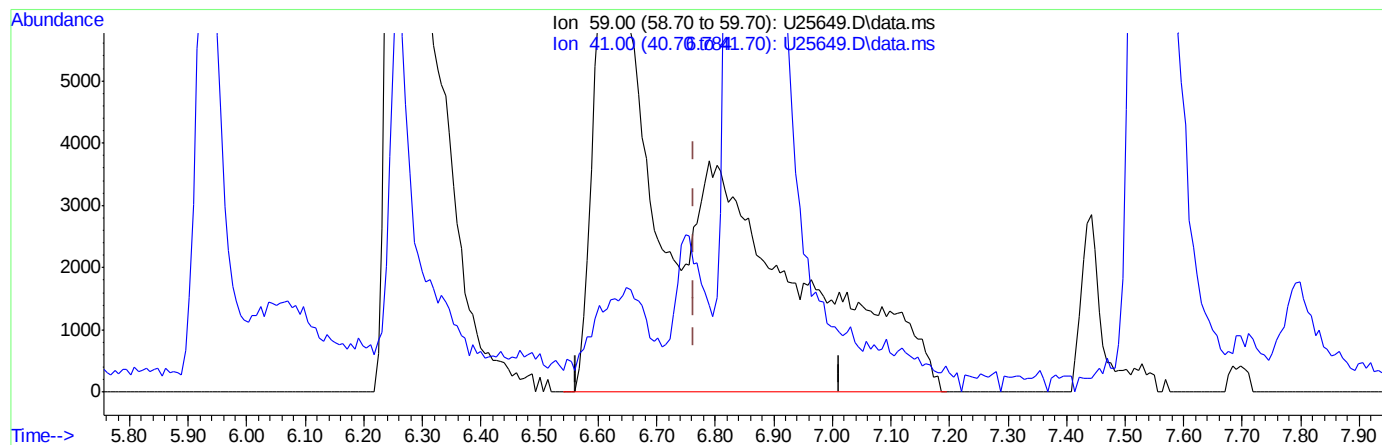
response 12608

Ion	Exp%	Act%
59.00	100	100
41.00	23.90	1314.49#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 15:15:16 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(2) tertiary butyl alcohol (P)

6.783min (+0.020) 527.12ppb m

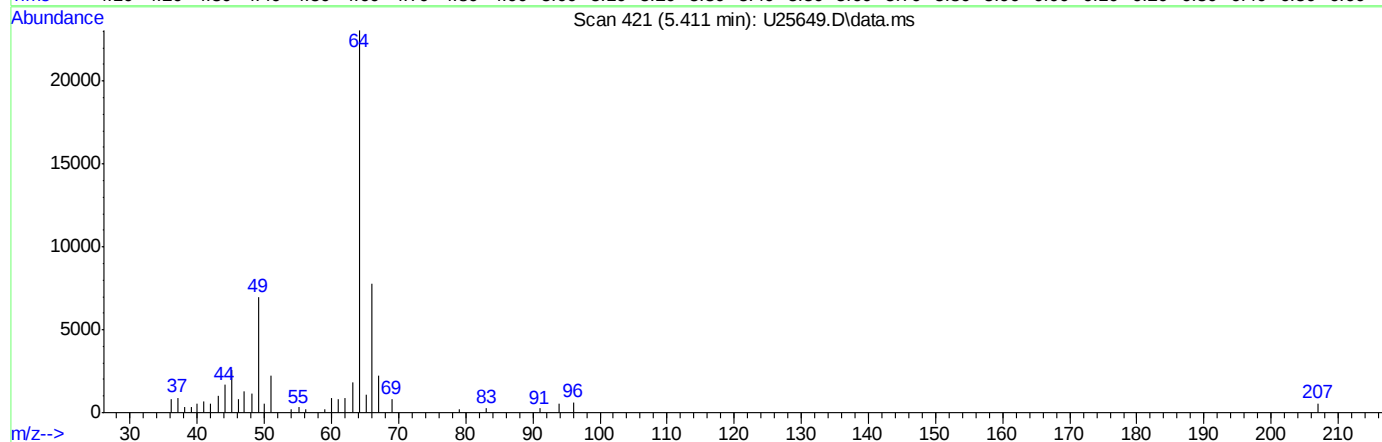
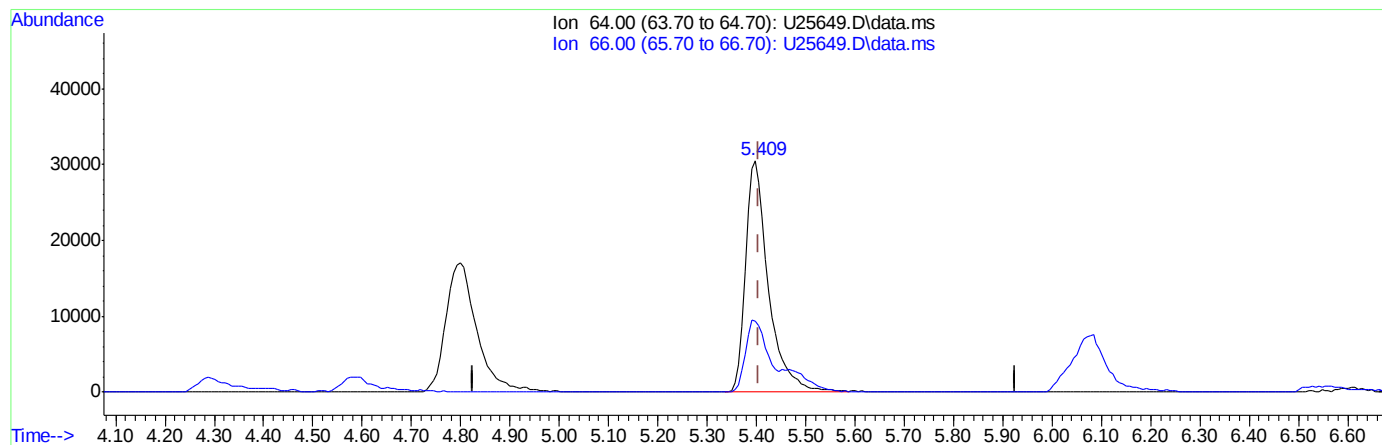
response 93947

Ion	Exp%	Act%
59.00	100	100
41.00	23.90	48.31
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 15:15:16 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U25649.D\data.ms

(9) chloroethane (P)

5.409min (+0.003) 61.23ppb

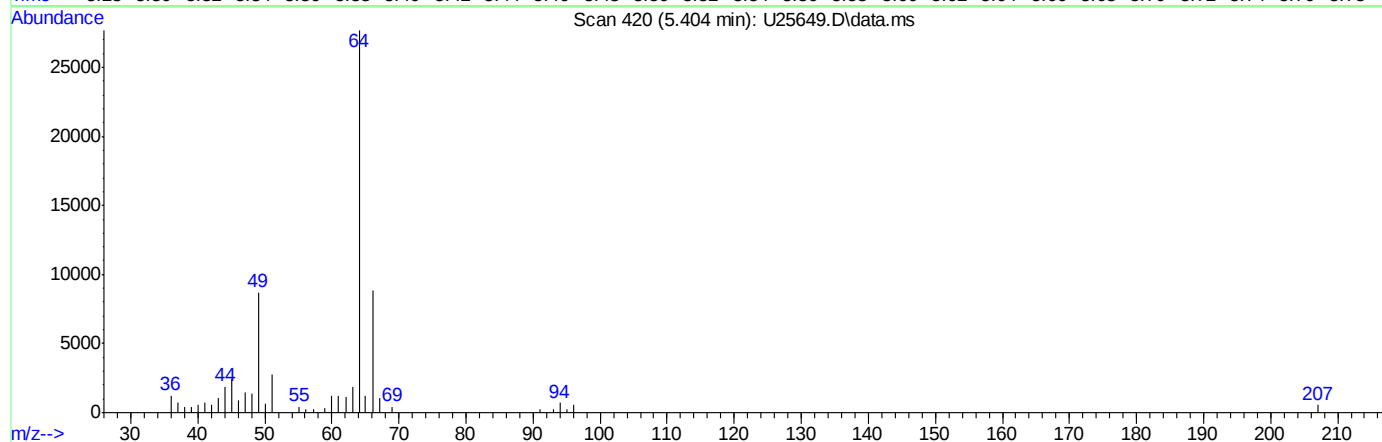
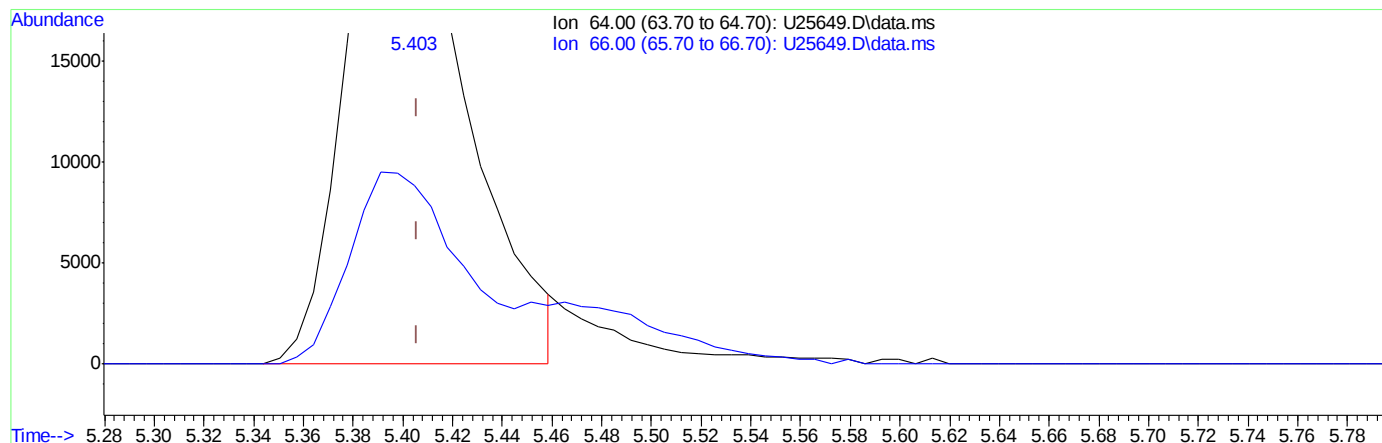
response 97149

Ion	Exp%	Act%
64.00	100	100
66.00	30.10	33.63
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 15:15:16 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U25649.D\data.ms

(9) chloroethane (P)

5.404min (-0.002) 57.40ppb m

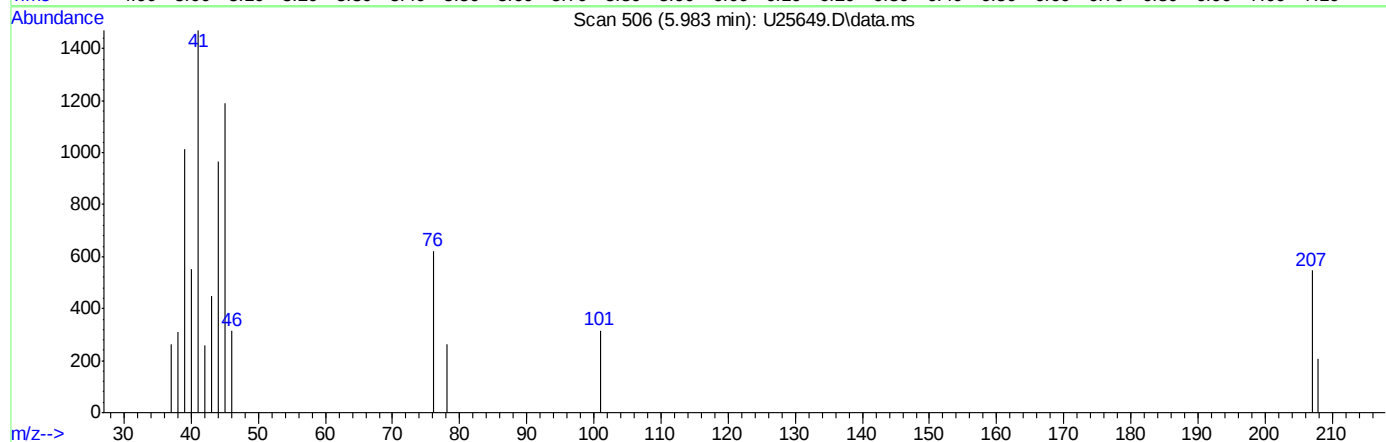
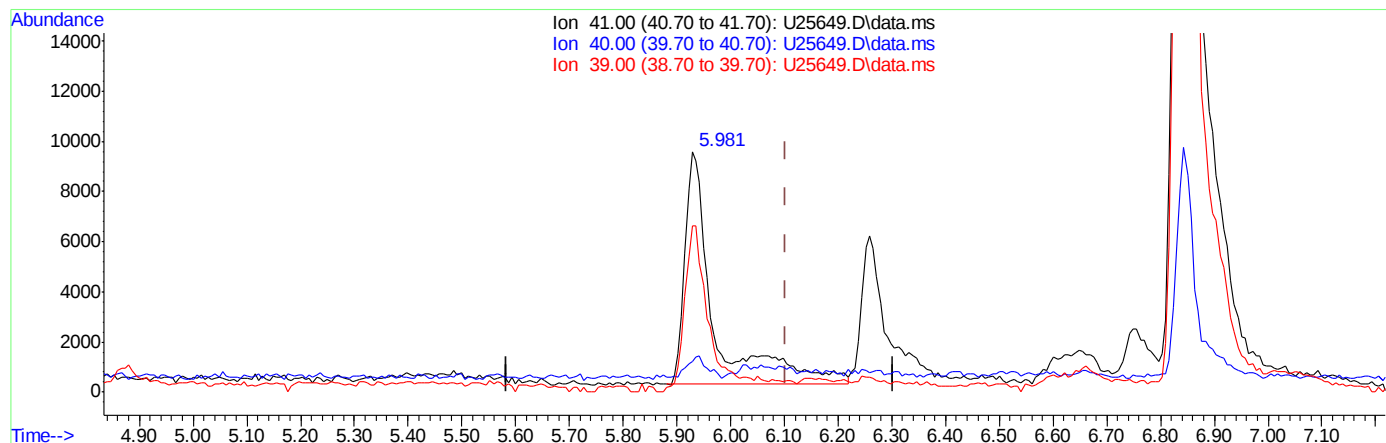
response 91075

Ion	Exp%	Act%
64.00	100	100
66.00	30.10	31.85
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 15:15:16 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U25649.D\data.ms

(11) acetonitrile (P)

5.981min (-0.123) 121.61ppb

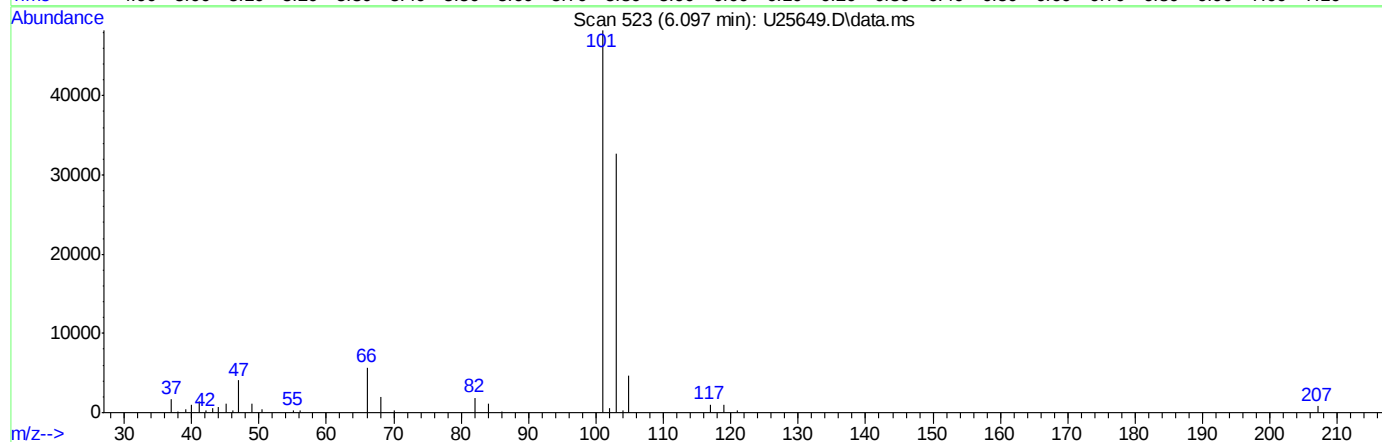
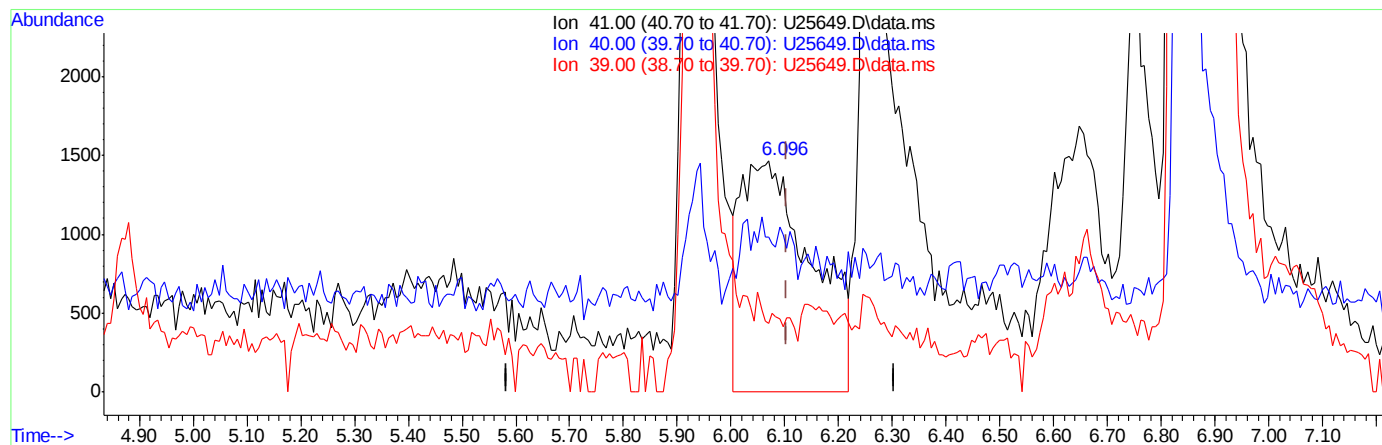
response 34911

Ion	Exp%	Act%
41.00	100	100
40.00	92.30	0.00#
39.00	24.50	69.73#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 15:15:16 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U25649.D\data.ms

(11) acetonitrile (P)

6.097min (-0.007) 47.10ppb m

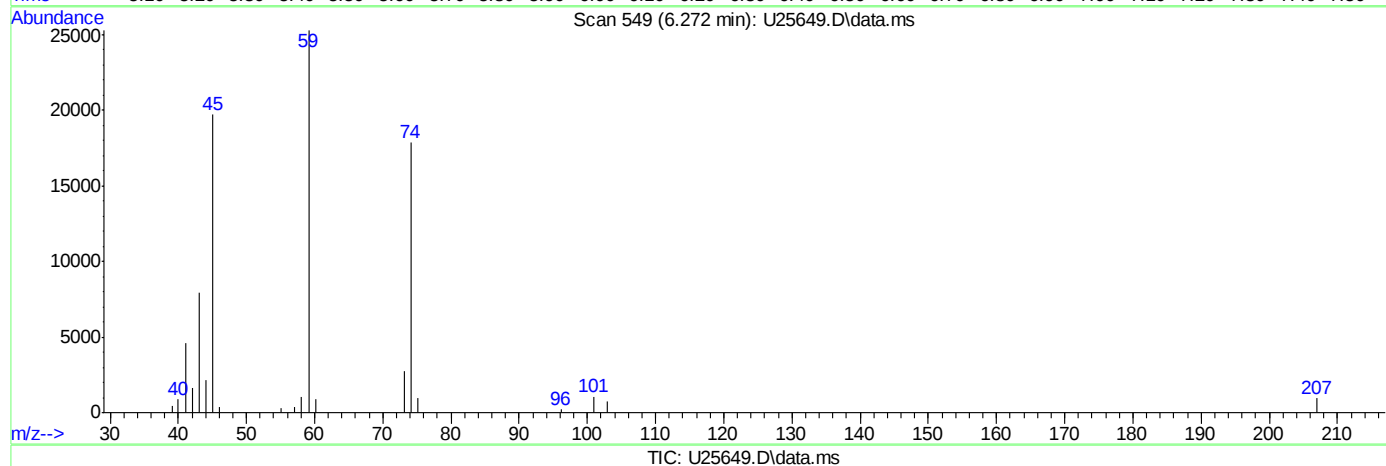
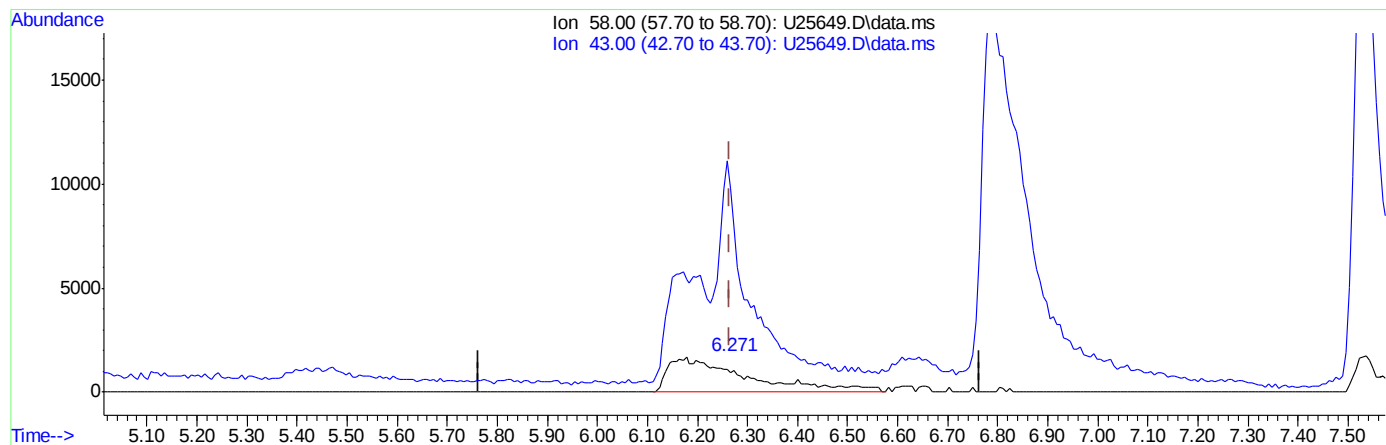
response 13641

Ion	Exp%	Act%
41.00	100	100
40.00	92.30	72.93
39.00	24.50	30.43
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 15:15:16 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(16) acetone (P)

6.271min (+0.007) 94.43ppb

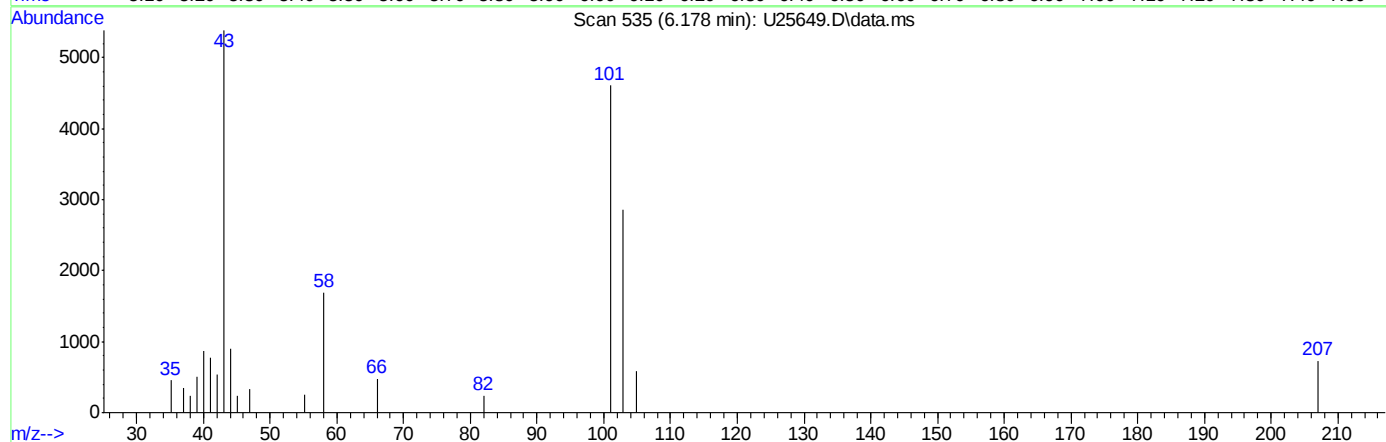
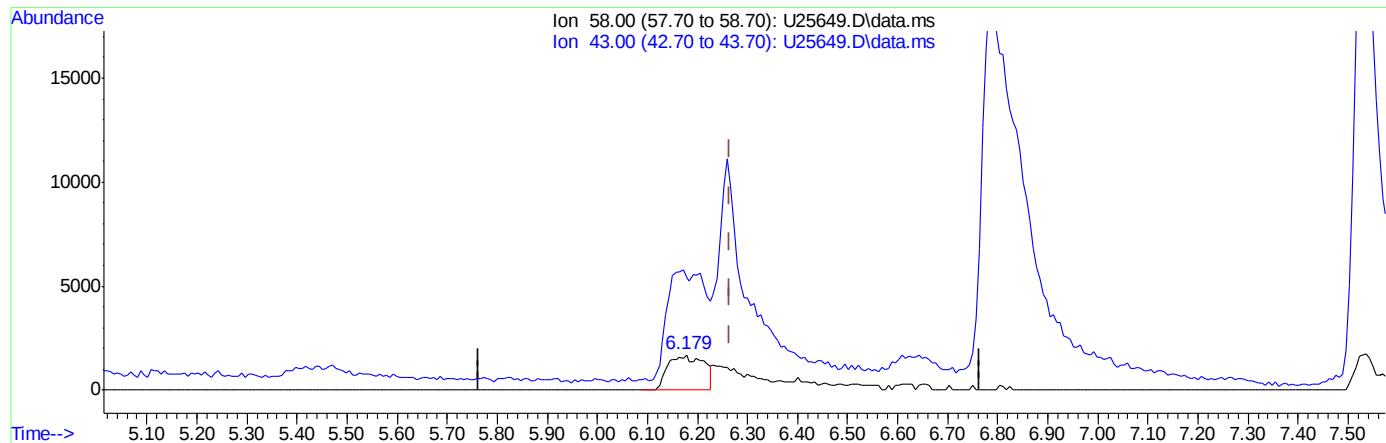
response 18275

Ion	Exp%	Act%
58.00	100	100
43.00	308.80	700.19#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 15:15:16 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U25649.D\data.ms

(16) acetone (P)

6.178min (-0.086) 42.68ppb m

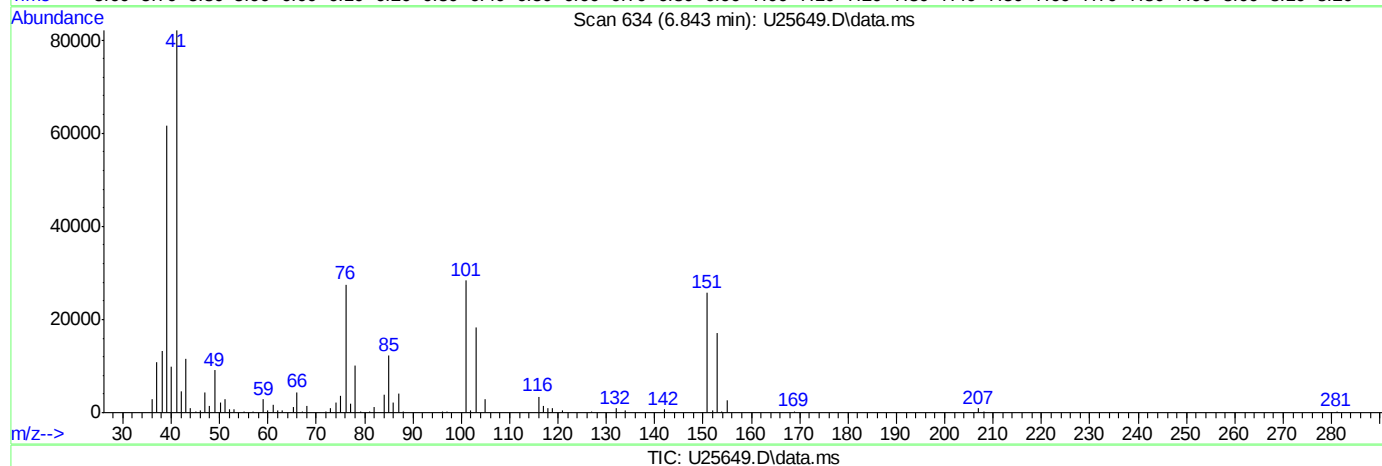
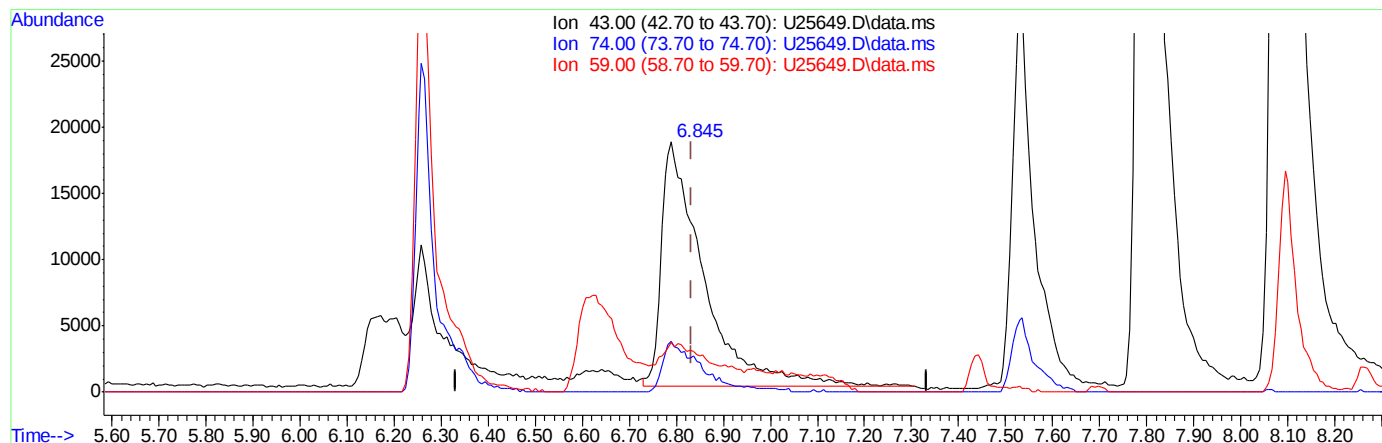
response 8260

Ion	Exp%	Act%
58.00	100	100
43.00	308.80	317.65
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 15:15:16 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(17) Methyl Acetate (P)

6.845min (+0.012) 29.39ppb

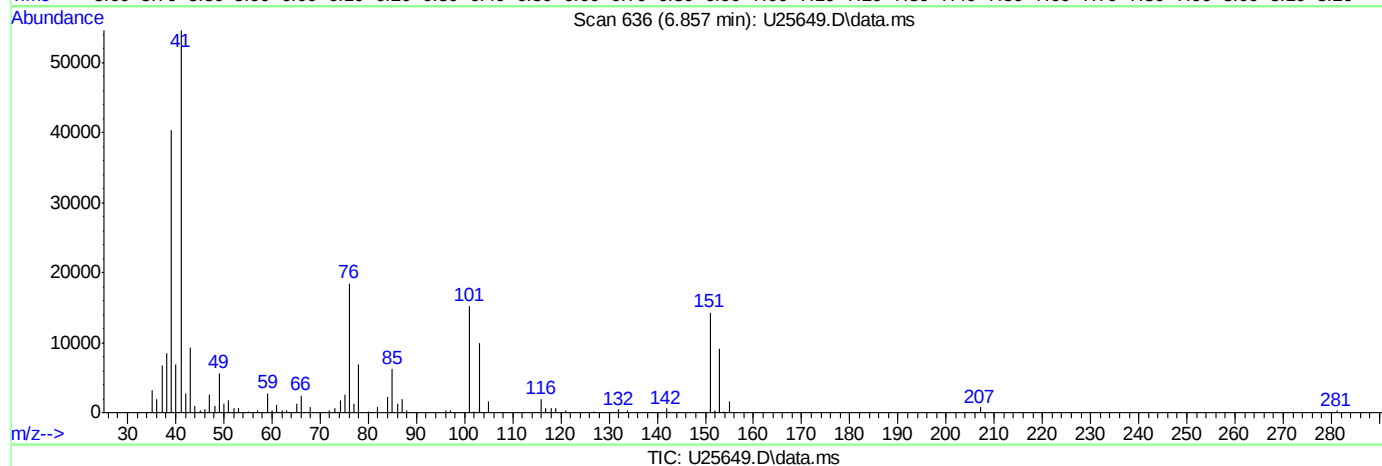
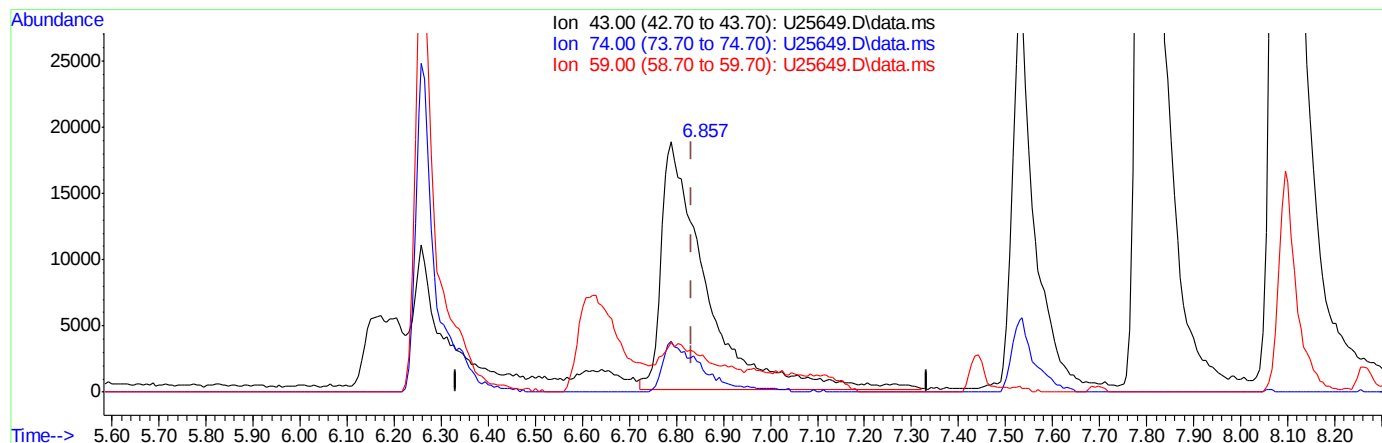
response 115226

Ion	Exp%	Act%
43.00	100	100
74.00	18.30	20.53
59.00	10.60	25.52#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 15:15:16 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(17) Methyl Acetate (P)

6.857min (+0.024) 31.63ppb m

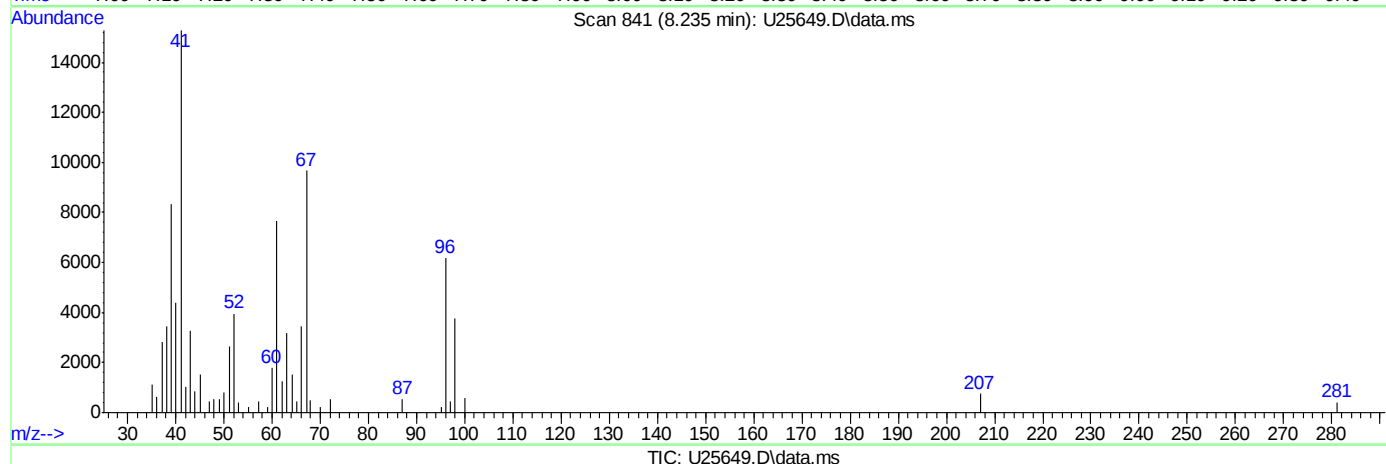
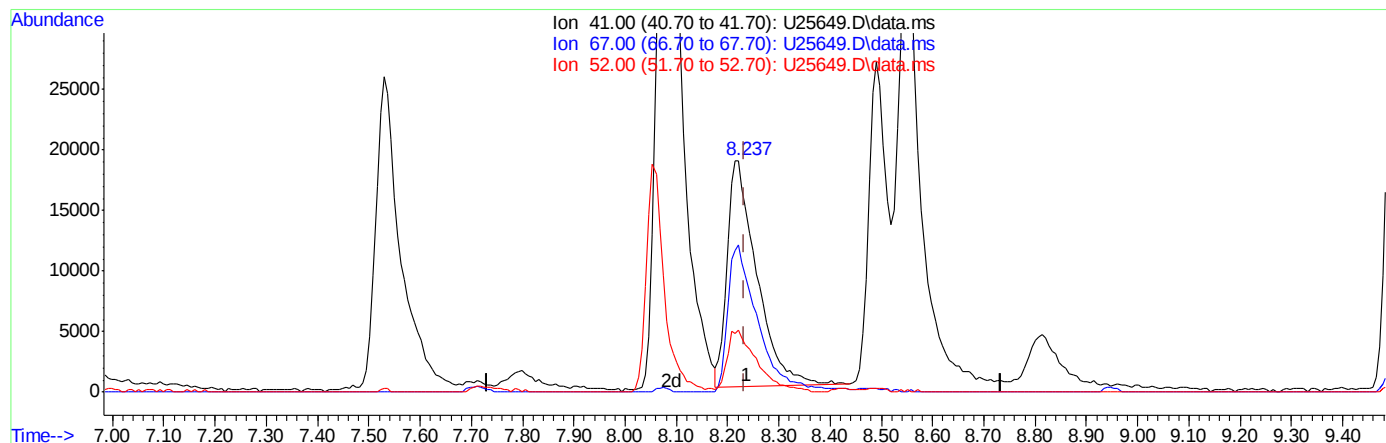
response 124008

Ion	Exp%	Act%
43.00	100	100
74.00	18.30	18.79
59.00	10.60	30.18#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 15:15:16 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(29) methacrylonitrile (P)

8.237min (+0.004) 39.26ppb

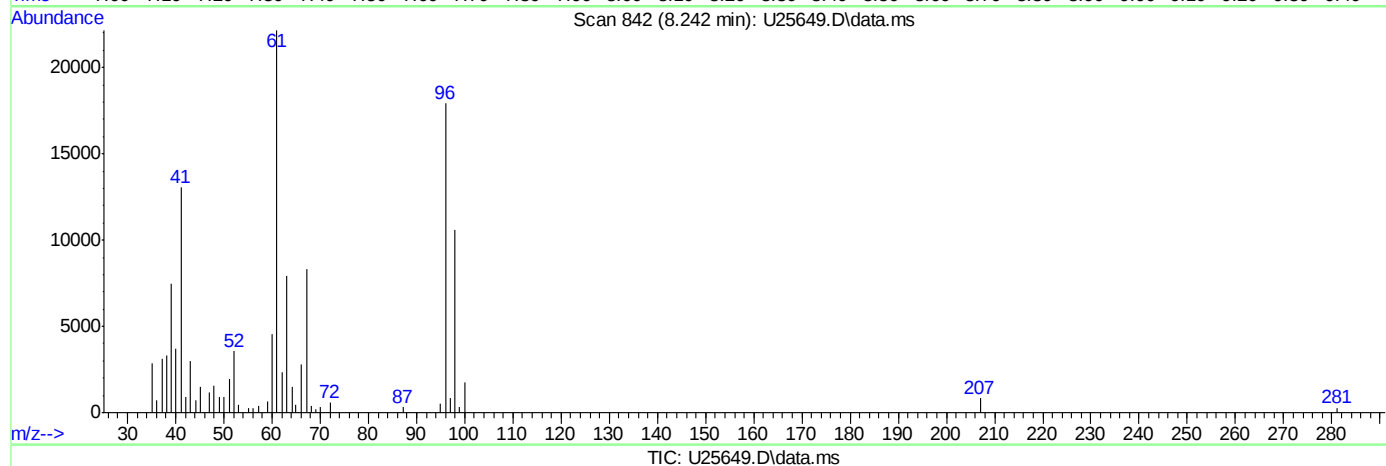
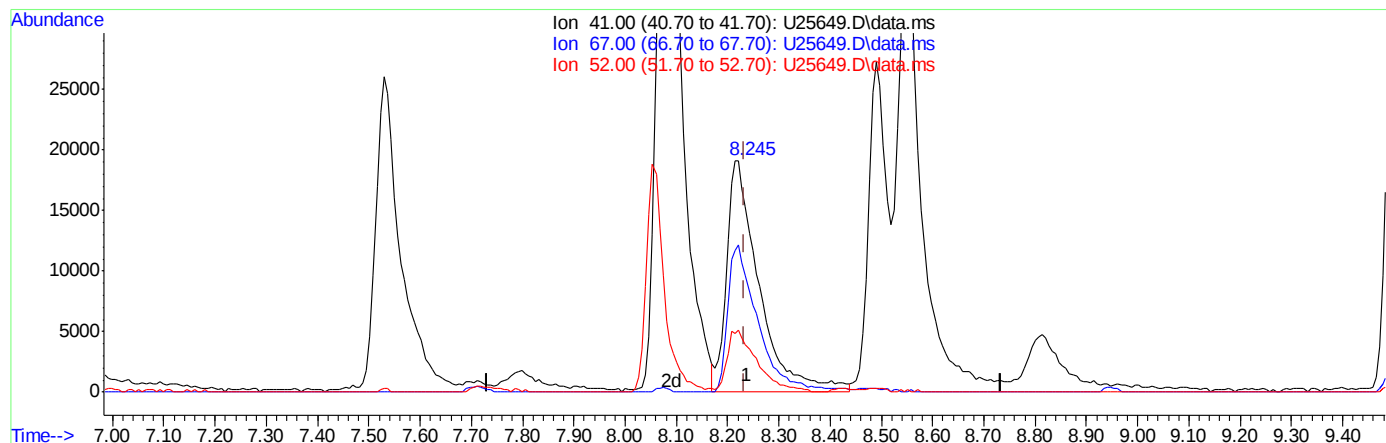
response 74563

Ion	Exp%	Act%
41.00	100	100
67.00	54.00	66.15
52.00	26.90	25.66
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 15:15:16 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(29) methacrylonitrile (P)

8.242min (+0.009) 44.32ppb m

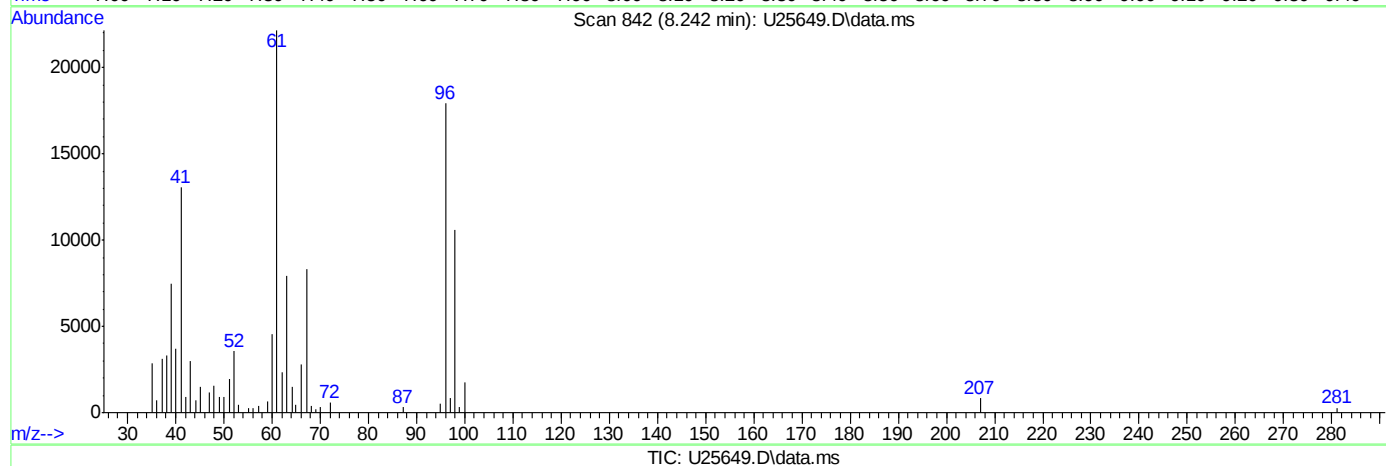
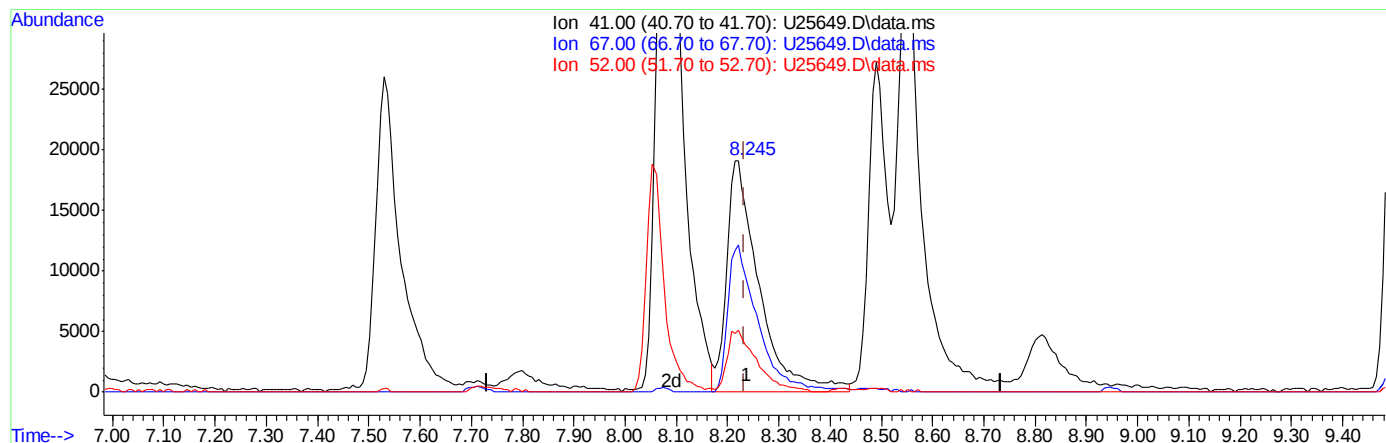
response 84179

Ion	Exp%	Act%
41.00	100	100
67.00	54.00	63.62
52.00	26.90	27.21
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 15:15:16 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(29) methacrylonitrile (P)

8.242min (+0.009) 44.32ppb m

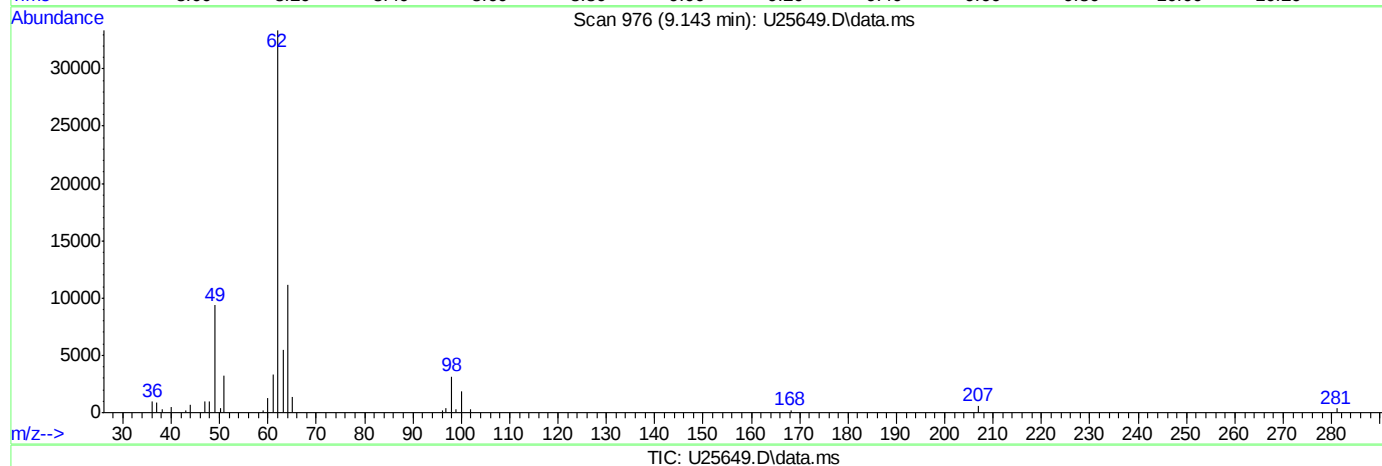
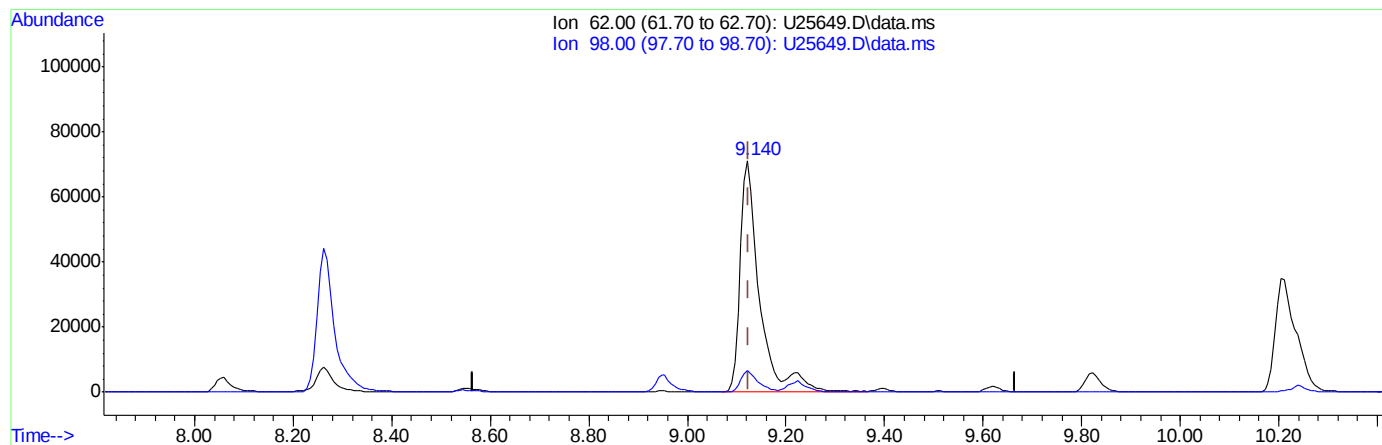
response 84179

Ion	Exp%	Act%
41.00	100	100
67.00	54.00	63.62
52.00	26.90	27.21
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 15:15:16 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(48) 1,2-dichloroethane (P)

9.140min (+0.014) 51.89ppb

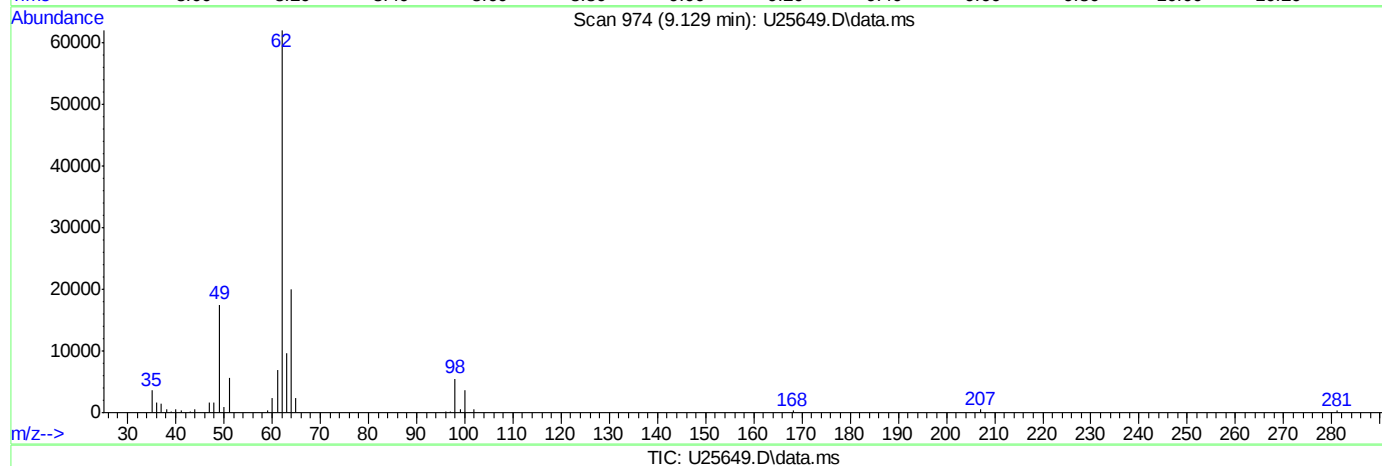
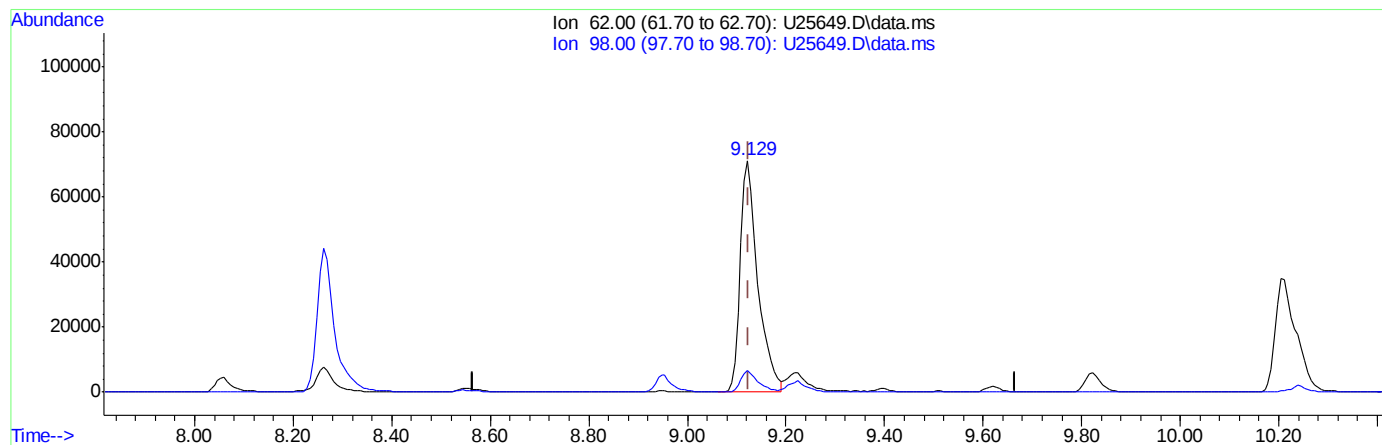
response 198478

Ion	Exp%	Act%
62.00	100	100
98.00	7.60	9.46
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150115\
Data File : U25649.D
Acq On : 15 Jan 2015 11:21 pm
Operator : GaryK
Sample : icv1085-50
Misc : ms33699,msu1085,,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 16 15:15:16 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(48) 1,2-dichloroethane (P)

9.129min (+0.003) 46.91ppb m

response 179401

Ion	Exp%	Act%
62.00	100	100
98.00	7.60	8.86
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150210\
 Data File : U26140.D
 Acq On : 10 Feb 2015 10:13 am
 Operator : GaryK
 Sample : bs
 Misc : ms33837,msu1100,,,,5,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:49:24 2015
 Quant Method : D:\msdchem\1\methods\U150115w.m
 Quant Title : SW-846 Method 8260
 QLast Update : Fri Jan 16 15:13:47 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) tert butyl alcohol-d9	6.732	65	93808	500.00	ppb	0.04
4) pentafluorobenzene	8.964	168	295374	50.00	ppb	0.00
43) 1,4-difluorobenzene	9.829	114	448549	50.00	ppb	0.00
66) chlorobenzene-d5	13.081	82	176224	50.00	ppb	# 0.00
80) 1,4-dichlorobenzene-d4	15.645	152	202142	50.00	ppb	0.00
System Monitoring Compounds						
40) dibromofluoromethane (s)	8.605	113	165159	51.36	ppb	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	102.72%		
60) toluene-d8 (s)	11.624	98	459375	51.26	ppb	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	102.52%		
82) bromofluorobenzene (s)	14.310	95	145849	49.85	ppb	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.70%		
Target Compounds						
						Qvalue
2) tertiary butyl alcohol	6.803	59	136955m	558.45	ppb	
3) Ethanol	5.737	45	90820	5803.47	ppb	99
5) dichlorodifluoromethane	4.322	85	198935	36.02	ppb	98
6) chloromethane	4.545	50	256959	54.13	ppb	97
7) vinyl chloride	4.801	62	228926	55.17	ppb	99
8) bromomethane	5.275	96	145171	48.98	ppb	100
9) chloroethane	5.398	64	94000m	64.95	ppb	
10) ethyl ether	6.265	59	93331m	50.61	ppb	
11) acetonitrile	6.104	41	14786m	56.69	ppb	
12) trichlorofluoromethane	6.085	101	297320	53.26	ppb	98
13) freon-113	6.837	101	191969	51.77	ppb	90
15) 1,1-dichloroethene	6.637	96	156902	51.72	ppb	90
16) acetone	6.171	58	9213m	52.19	ppb	
17) Methyl Acetate	6.891	43	147435m	41.23	ppb	
18) methylene chloride	6.776	84	169218m	58.23	ppb	
19) methyl tert butyl ether	7.571	73	417553	59.57	ppb	98
20) acrylonitrile	6.781	53	59954	57.65	ppb	94
21) allyl chloride	6.871	41	222299	51.54	ppb	90
22) trans-1,2-dichloroethene	7.458	96	142855	51.80	ppb	# 80
23) iodomethane	6.692	142	344548	52.05	ppb	97
24) carbon disulfide	7.070	76	545838	54.00	ppb	100
25) propionitrile	8.064	54	10665	50.27	ppb	100
26) vinyl acetate	7.820	43	279981	91.29	ppb	94
27) chloroprene	8.073	53	192201	52.89	ppb	88
28) di-isopropyl ether	8.101	45	417465m	56.96	ppb	
29) methacrylonitrile	8.229	41	99977m	57.71	ppb	
30) 2-butanone	8.128	72	15351m	40.84	ppb	
31) Ethyl Acetate	8.116	43	400896	57.59	ug/L	# 65
32) Hexane	8.086	41	184784	49.47	ppb	# 81
33) 1,1-dichloroethane	7.710	63	242077	58.00	ppb	94
34) tert-butyl ethyl ether	8.504	59	452330m	59.01	ppb	
35) isobutyl alcohol	8.534	43	86284	309.70	ppb	# 1
36) 2,2-dichloropropane	8.569	77	167078	52.38	ppb	87
37) cis-1,2-dichloroethene	8.278	96	165598	54.29	ppb	# 81

Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150210\
 Data File : U26140.D
 Acq On : 10 Feb 2015 10:13 am
 Operator : GaryK
 Sample : bs
 Misc : ms33837,msu1100,,,,,5,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:49:24 2015
 Quant Method : D:\msdchem\1\methods\U150115w.m
 Quant Title : SW-846 Method 8260
 QLast Update : Fri Jan 16 15:13:47 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) bromochloromethane	8.451	128	96826	53.02	ppb	# 69
39) chloroform	8.483	83	267047	57.42	ppb	89
41) Tetrahydrofuran	8.864	42	43876	45.24	ppb	82
42) 1,1,1-trichloroethane	9.235	97	237806	51.79	ppb	97
44) Cyclohexane	9.521	56	268921	58.57	ppb	# 84
45) carbon tetrachloride	9.596	117	219649	48.49	ppb	96
46) 1,1-dichloropropene	9.404	75	167176	50.87	ppb	90
47) benzene	9.627	78	517341	59.37	ppb	99
48) 1,2-dichloroethane	9.129	62	182426m	50.45	ppb	
49) tert-amyl methyl ether	9.755	73	419104	59.56	ppb	95
50) heptane	10.099	43	151701	53.67	ppb	# 30
51) trichloroethene	10.247	95	171617	58.38	ppb	82
52) 1,2-dichloropropane	10.216	63	132223	60.73	ppb	93
53) dibromomethane	10.203	93	103574	58.28	ppb	80
54) bromodichloromethane	10.304	83	206271	57.13	ppb	94
55) Methylcyclohexane	10.768	83	256179	59.69	ppb	# 80
56) 2-chloroethyl vinyl ether	10.683	63	26657m	64.14	ppb	
57) methyl methacrylate	10.415	69	66405	47.56	ppb	81
59) cis-1,3-dichloropropene	10.922	75	203665	59.68	ppb	87
61) 4-methyl-2-pentanone	11.036	43	128610	46.84	ppb	94
62) toluene	11.696	92	292904	55.01	ppb	97
63) trans-1,3-dichloropropene	11.344	75	156170	58.05	ppb	95
64) 1,1,2-trichloroethane	11.517	83	90221	55.98	ppb	95
65) ethyl methacrylate	11.728	69	125256	50.79	ppb	# 23
67) tetrachloroethene	12.438	166	136874	49.48	ppb	96
68) 1,3-dichloropropane	11.751	76	164620	55.92	ppb	92
69) dibromochloromethane	12.040	129	161611	51.84	ppb	96
70) 1,2-dibromoethane	12.294	107	116741	50.89	ppb	98
71) 2-hexanone	11.902	43	91065	63.03	ppb	94
72) chlorobenzene	13.118	112	332768	49.08	ppb	90
73) 1,1,1,2-tetrachloroethane	13.037	131	169226	52.73	ppb	98
74) ethylbenzene	13.293	91	545404	53.18	ppb	94
75) m,p-xylene	13.477	106	432116	102.57	ppb	90
76) o-xylene	13.890	106	237943	51.51	ppb	90
77) styrene	13.818	104	336090	50.56	ppb	95
78) bromoform	13.646	173	90349	46.15	ppb	100
79) trans-1,4-dichloro-2-b...	14.047	53	26861	39.12	ppb	# 37
81) isopropylbenzene	14.253	105	649611	58.31	ppb	96
83) bromobenzene	14.541	156	154879	51.46	ppb	# 80
84) 1,1,2,2-tetrachloroethane	13.897	83	159426	65.91	ppb	99
85) 1,2,3-trichloropropane	14.046	75	140755	53.56	ppb	96
86) n-propylbenzene	14.699	91	661858	56.56	ppb	93
87) 2-chlorotoluene	14.816	91	418525	56.56	ppb	84
88) 4-chlorotoluene	14.893	91	380949	54.03	ppb	87
89) 1,3,5-trimethylbenzene	14.975	105	624699	63.75	ppb	94
90) tert-butylbenzene	15.280	91	344370	58.84	ppb	84
91) 1,2,4-trimethylbenzene	15.384	105	608417	59.76	ppb	97
92) sec-butylbenzene	15.504	105	792243	59.46	ppb	95
93) 1,3-dichlorobenzene	15.606	146	309366	53.14	ppb	99
94) p-isopropyltoluene	15.677	119	725566	59.70	ppb	95

Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:49:24 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) 1,4-dichlorobenzene	15.673	146	321860	53.75	ppb	100
96) 1,2-dichlorobenzene	16.042	146	353089	55.00	ppb	97
97) n-butylbenzene	16.096	91	617936	61.50	ppb	90
98) 1,2-dibromo-3-chloropr...	16.523	75	36185	53.63	ppb	72
99) 1,3,5-trichlorobenzene	17.333	180	334886	55.64	ug/L	95
100) 1,2,4-trichlorobenzene	17.870	180	358000m	60.72	ppb	
101) hexachlorobutadiene	18.159	225	141479m	59.84	ppb	
102) naphthalene	18.136	128	934641	57.42	ppb	100
103) 2-Methylnaphthalene	19.499	142	331101	33.82	ug/L	98
104) 1-Methylnaphthalene	19.745	142	264063	35.36	ug/L	97
105) 1,2,3-trichlorobenzene	18.341	180	362447m	60.47	ppb	

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

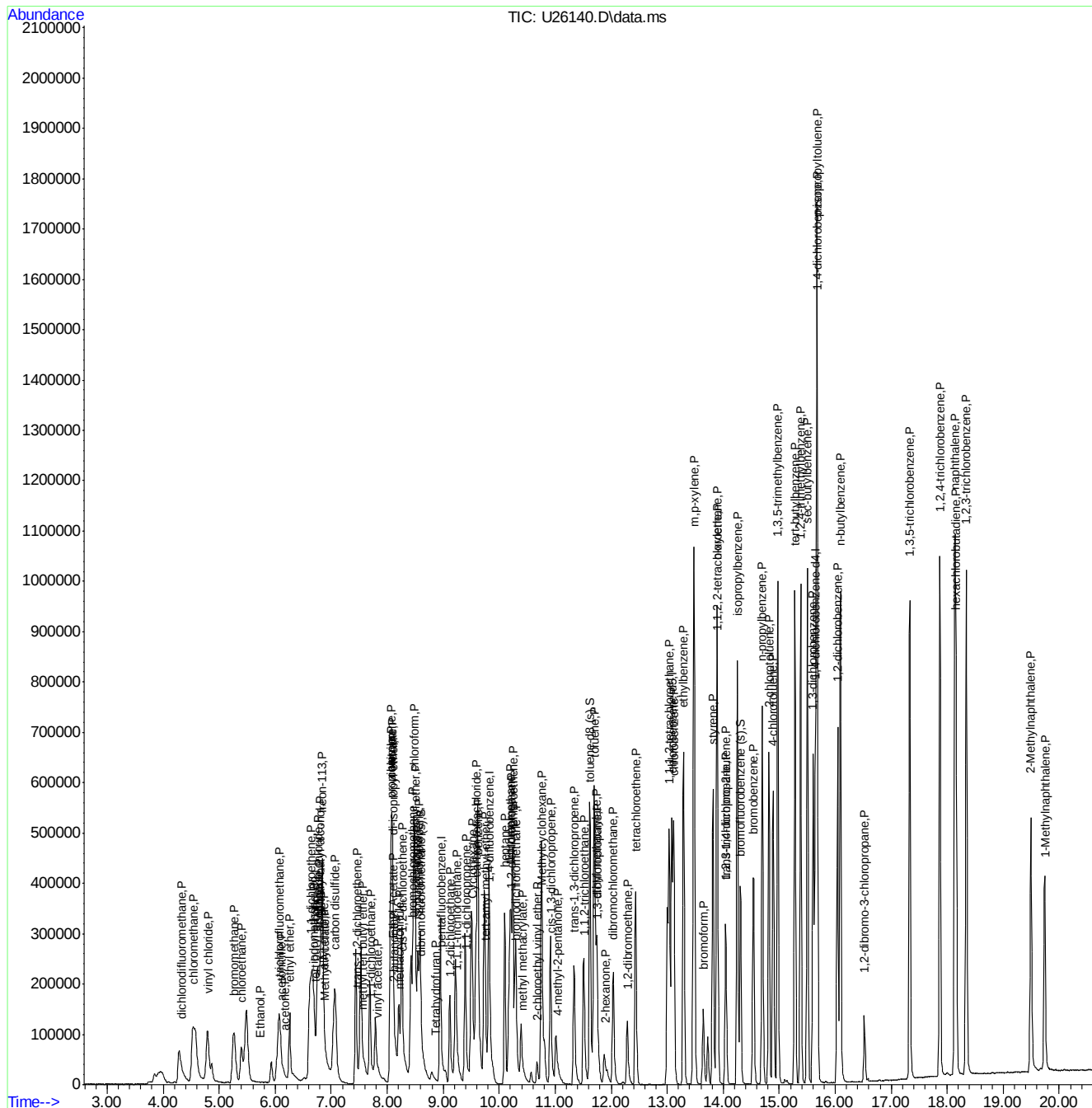
7.6.24

7

Quantitation Report (QT Reviewed)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:49:24 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



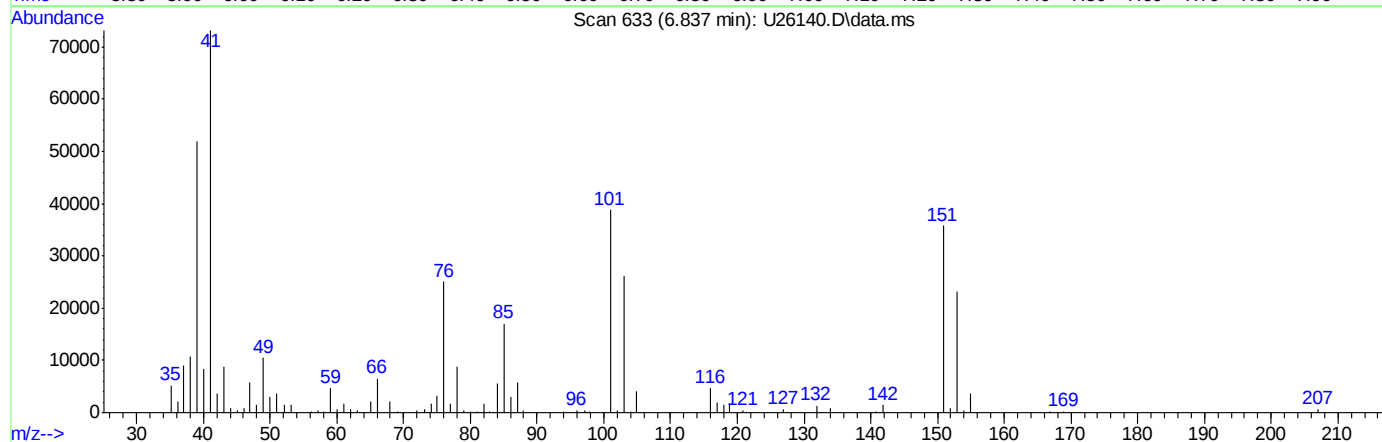
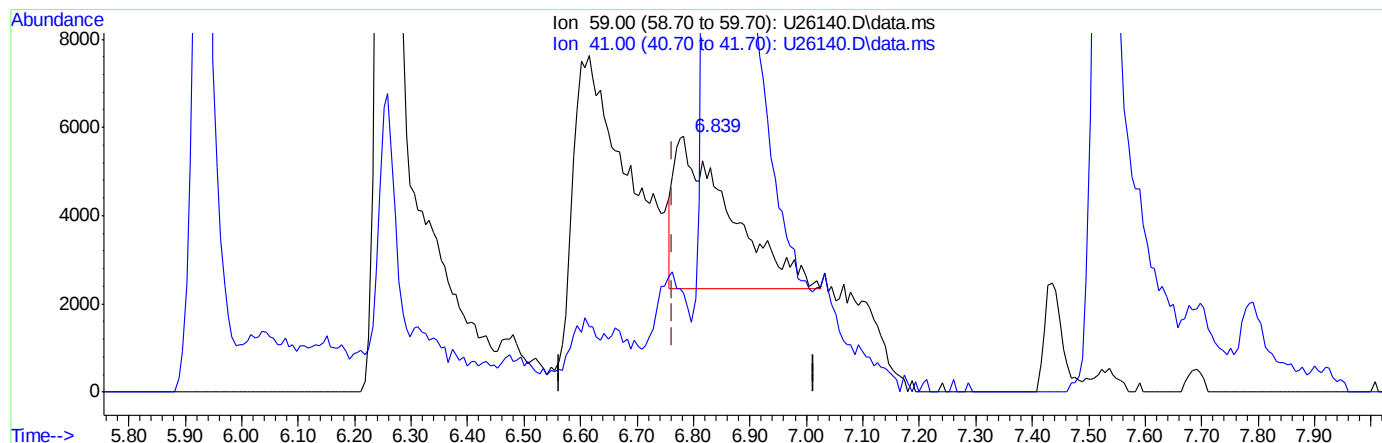
7.6.24



Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(2) tertiary butyl alcohol (P)

6.839min (+0.076) 104.34ppb

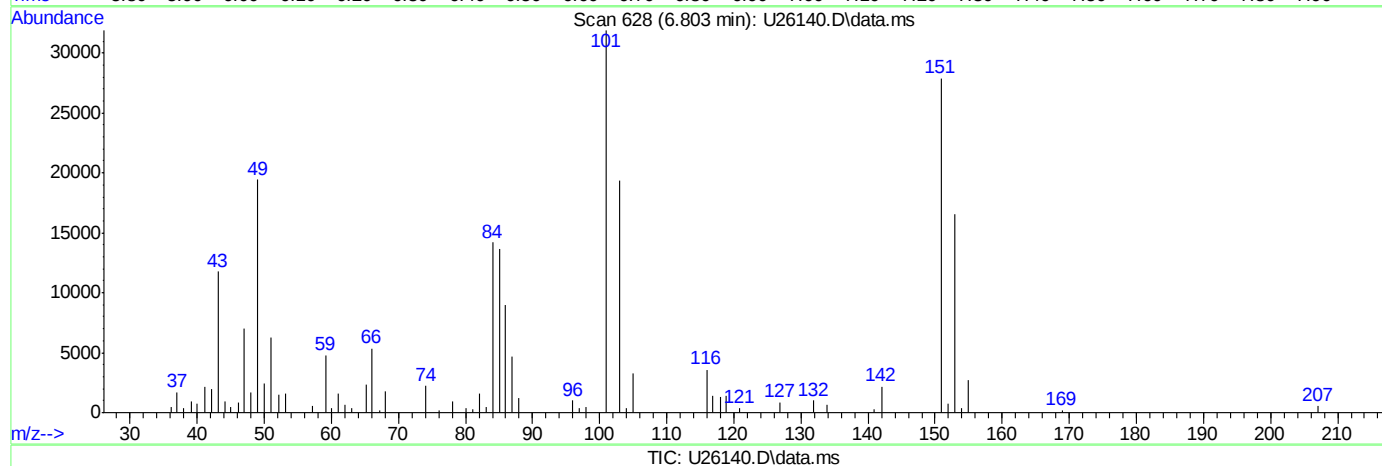
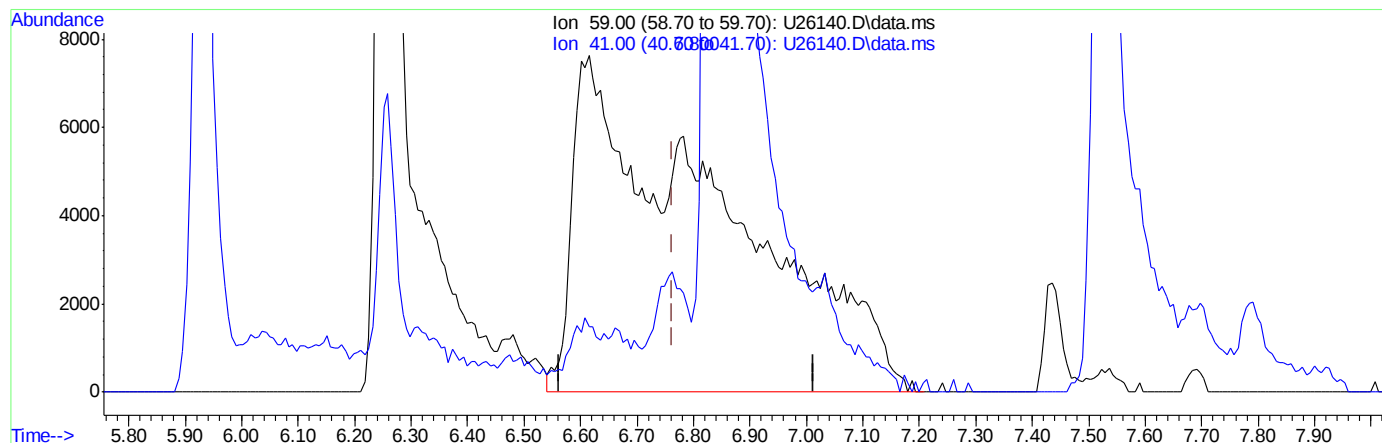
response 23642

Ion	Exp%	Act%
59.00	100	100
41.00	23.90	3064.91#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(2) tertiary butyl alcohol (P)

6.803min (+0.040) 558.45ppb m

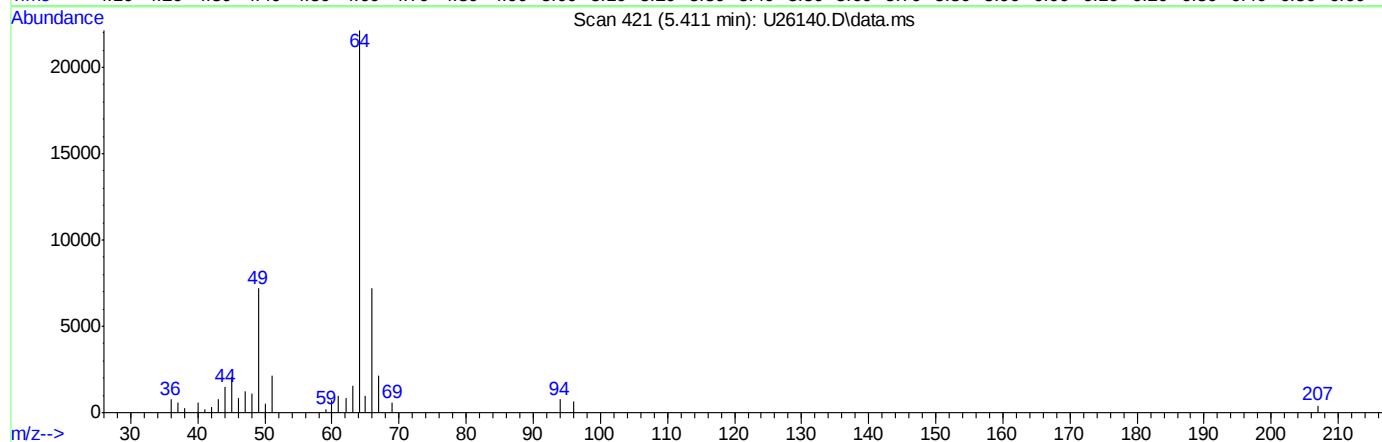
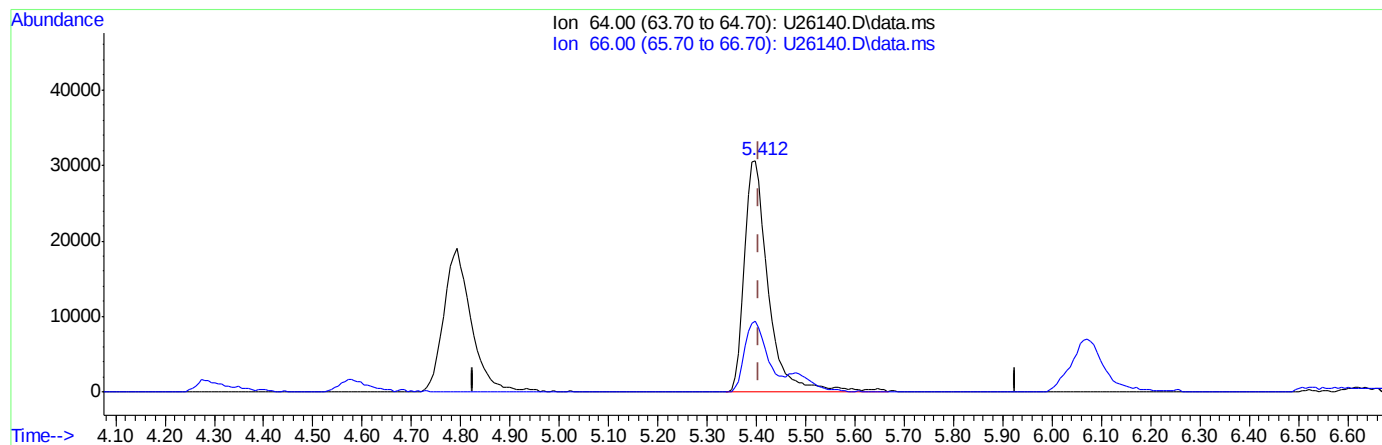
response 136955

Ion	Exp%	Act%
59.00	100	100
41.00	23.90	44.22
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(9) chloroethane (P)

5.412min (+0.006) 70.87ppb

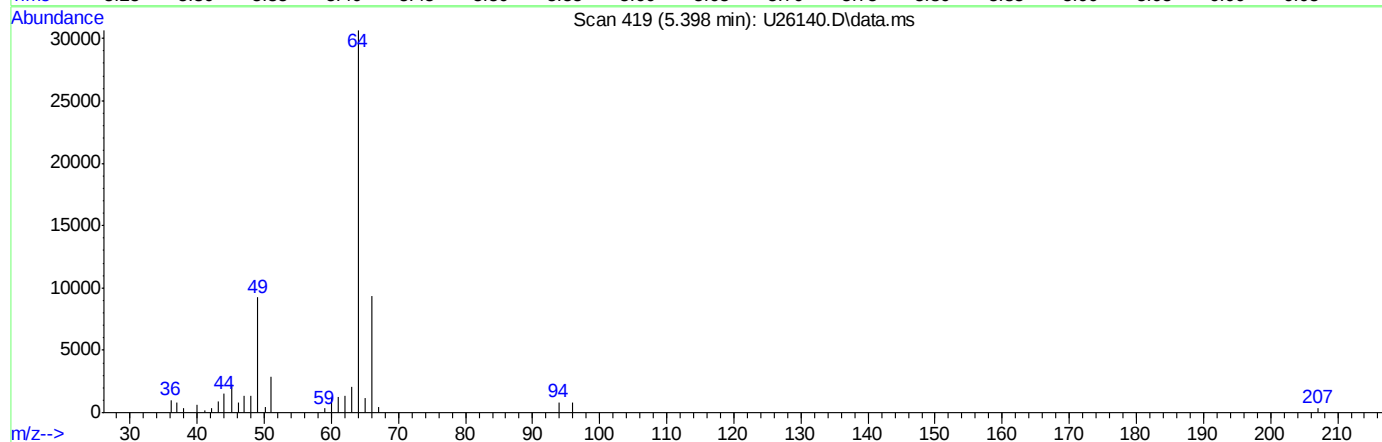
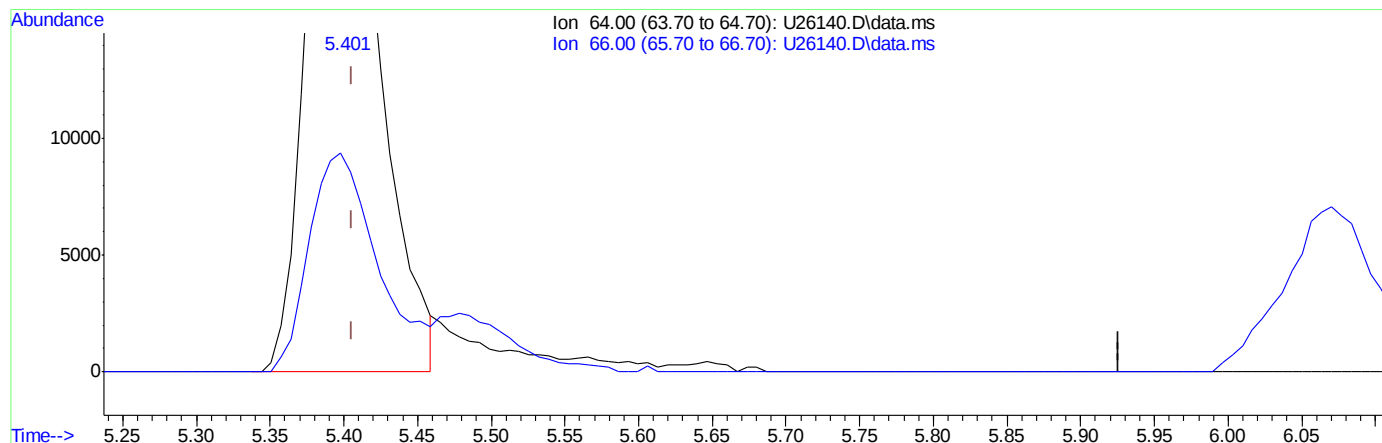
response 102561

Ion	Exp%	Act%
64.00	100	100
66.00	30.10	32.61
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(9) chloroethane (P)

5.398min (-0.008) 64.95ppb m

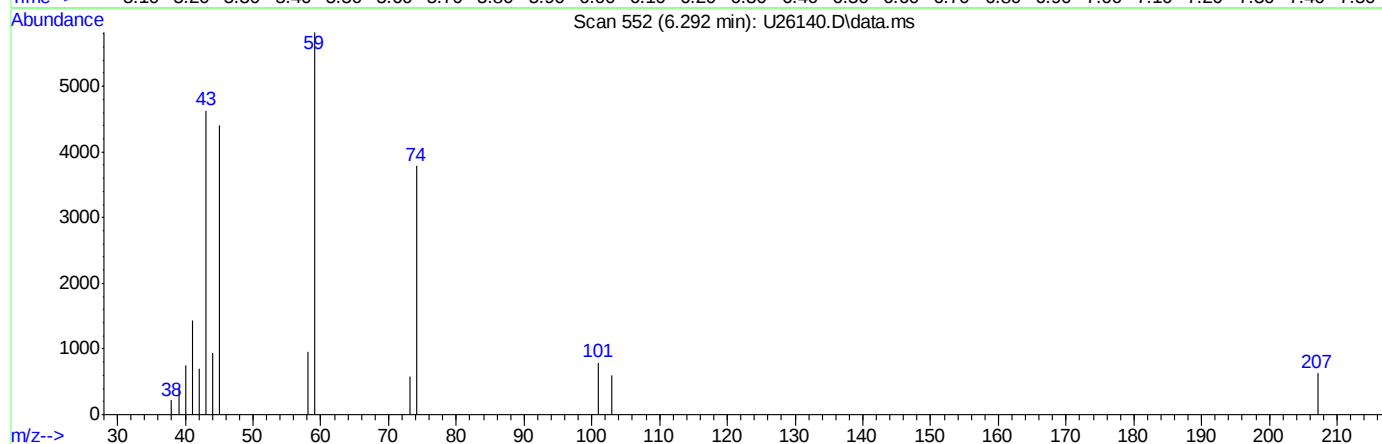
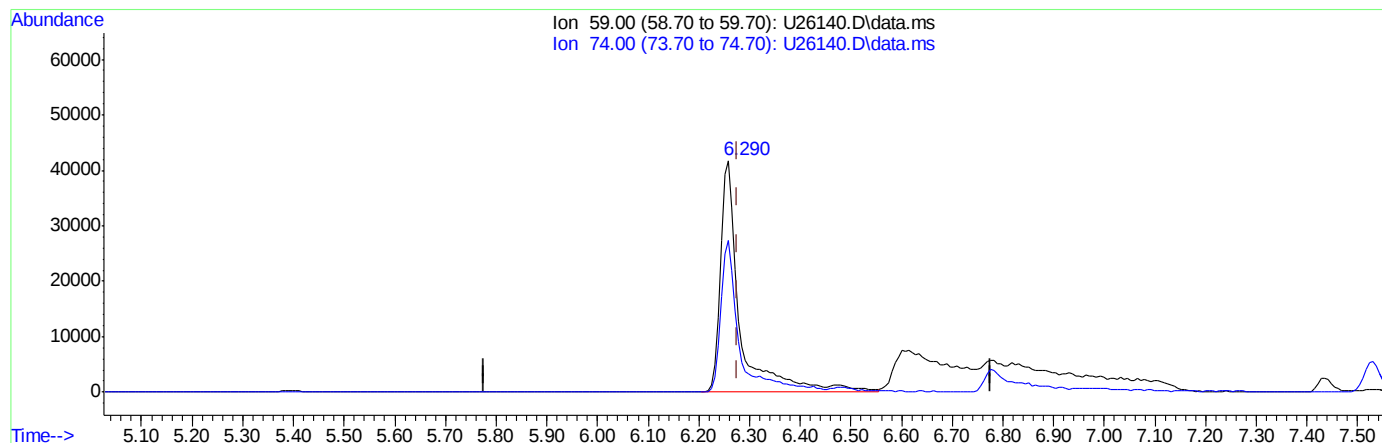
response 94000

Ion	Exp%	Act%
64.00	100	100
66.00	30.10	30.54
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U26140.D\data.ms

(10) ethyl ether (P)

6.290min (+0.014) 61.81ppb

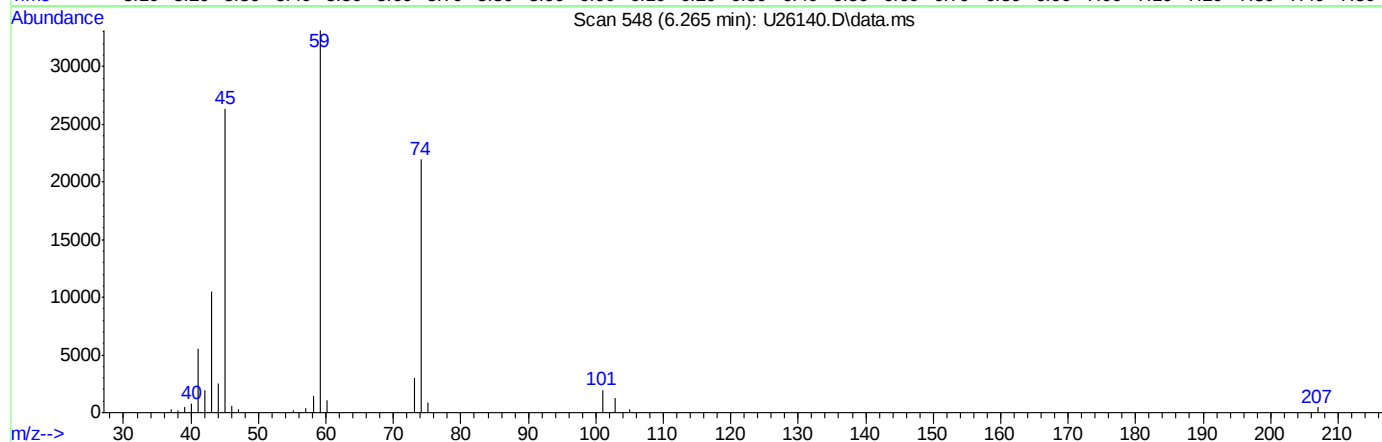
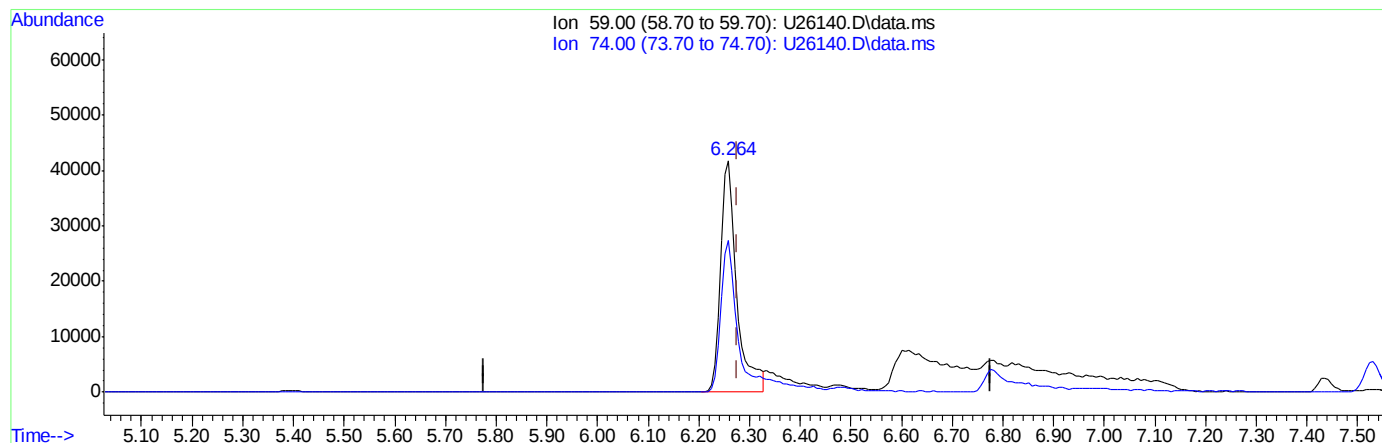
response 113980

Ion	Exp%	Act%
59.00	100	100
74.00	59.10	64.98
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U26140.D\data.ms

(10) ethyl ether (P)

6.265min (-0.011) 50.61ppb m

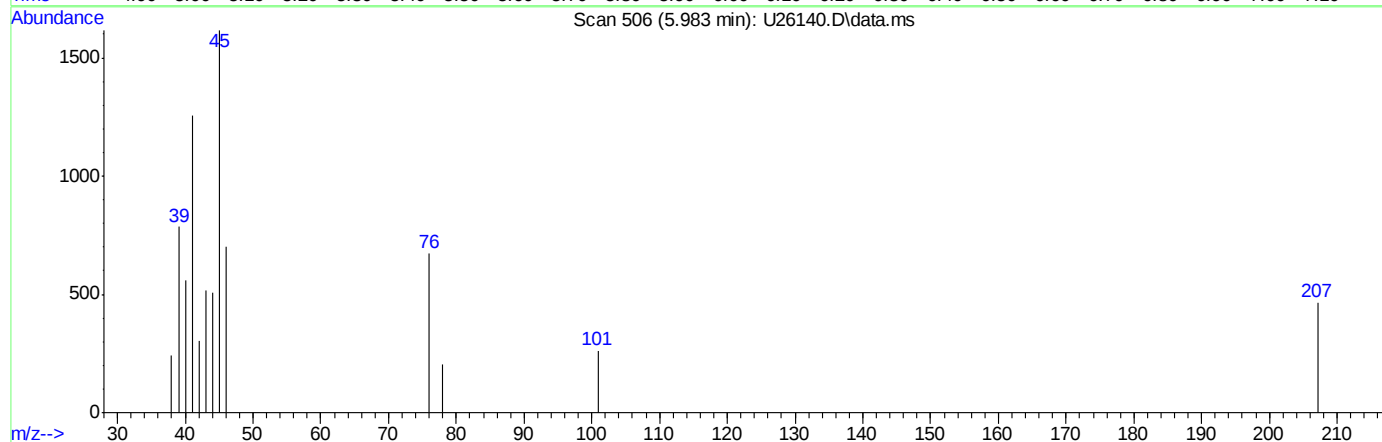
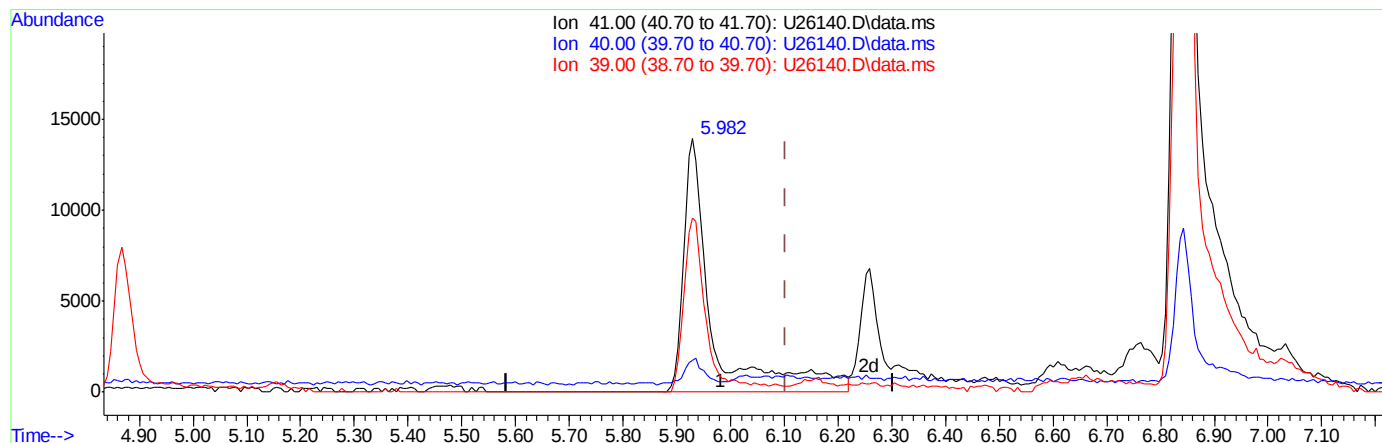
response 93331

Ion	Exp%	Act%
59.00	100	100
74.00	59.10	66.20
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U26140.D\data.ms

(11) acetonitrile (P)

5.982min (-0.122) 188.39ppb

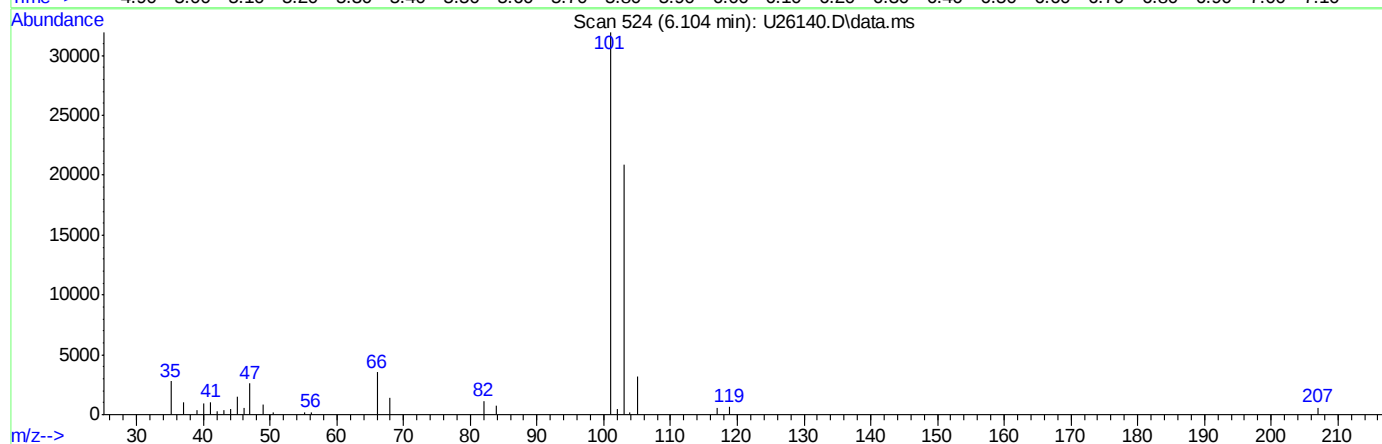
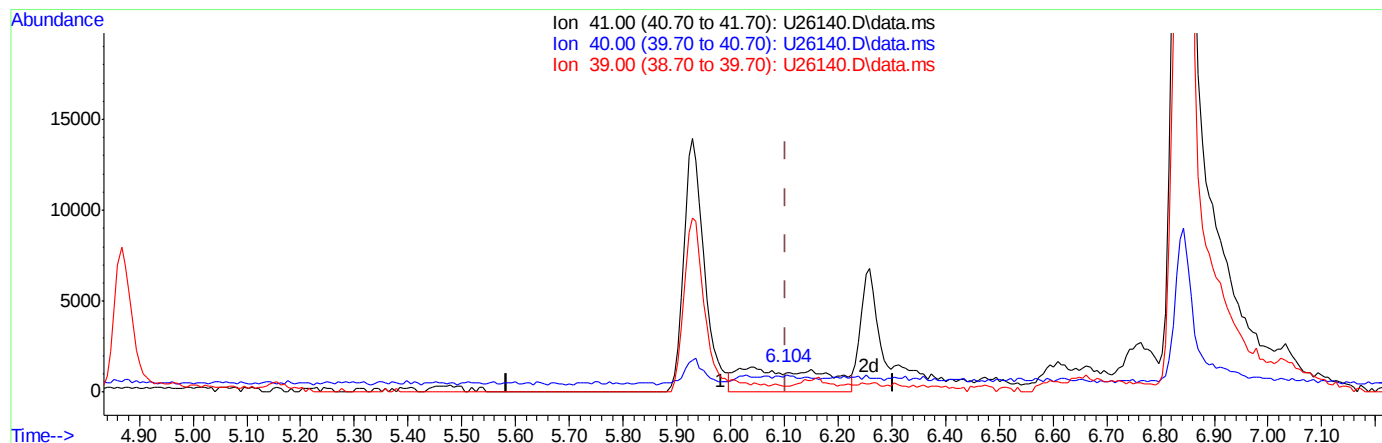
response 51571

Ion	Exp%	Act%
41.00	100	100
40.00	92.30	4.45#
39.00	24.50	62.40#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U26140.D\data.ms

(11) acetonitrile (P)

6.104min (-0.000) 56.69ppb m

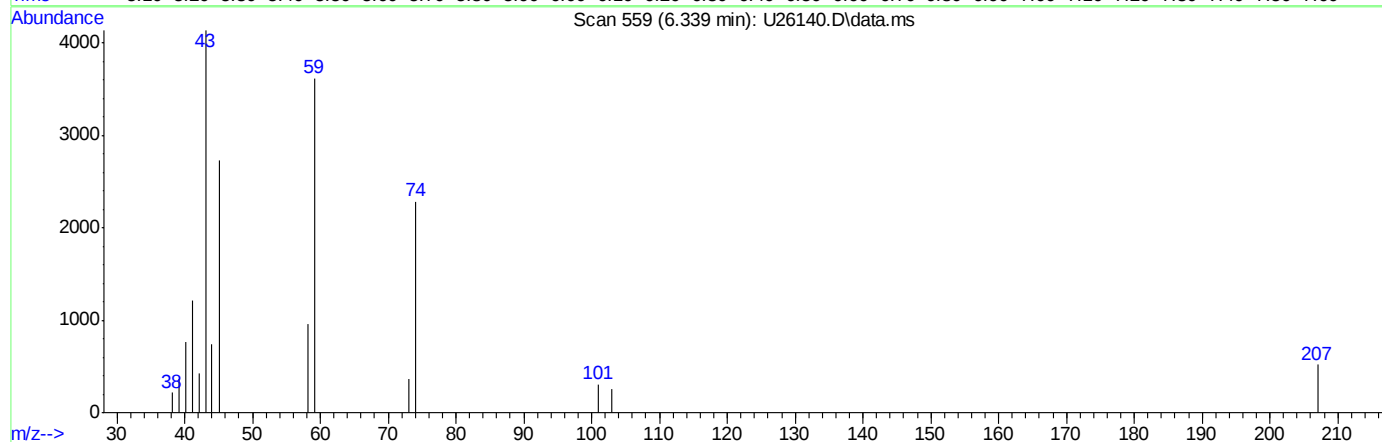
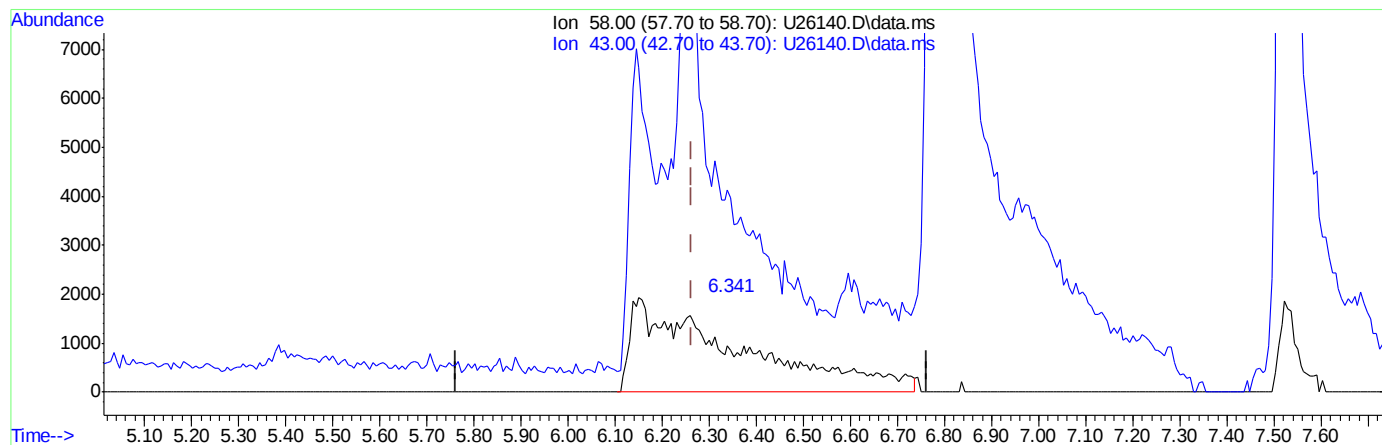
response 14786

Ion	Exp%	Act%
41.00	100	100
40.00	92.30	90.90
39.00	24.50	33.33
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U26140.D\data.ms

(16) acetone (P)

6.341min (+0.077) 168.33ppb

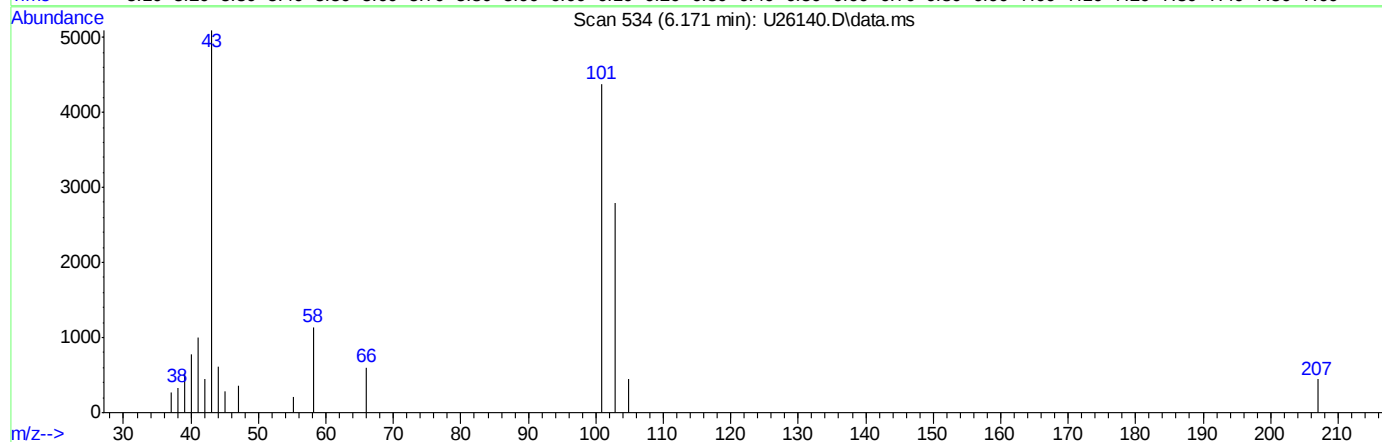
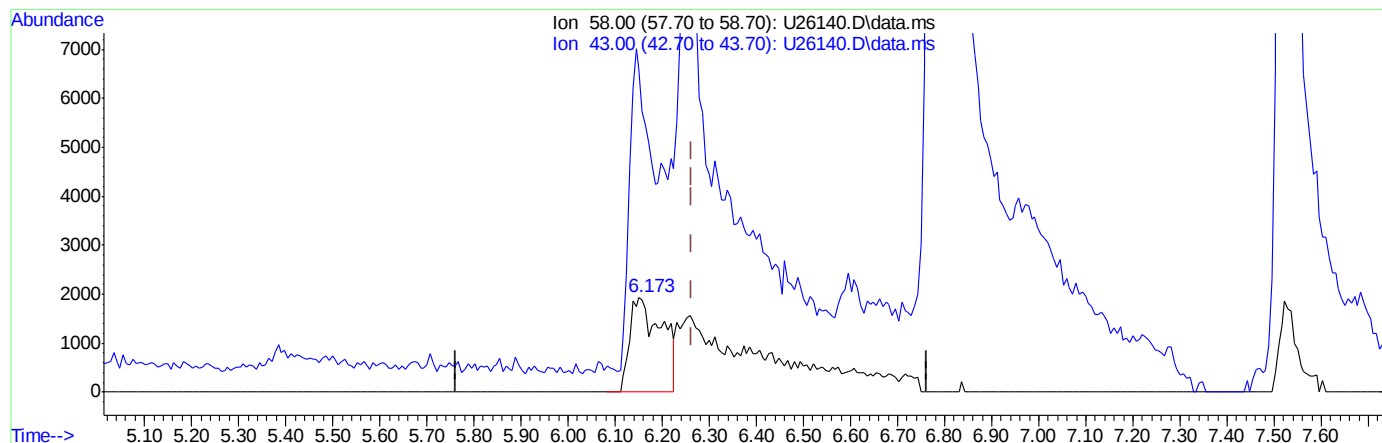
response 29714

Ion	Exp%	Act%
58.00	100	100
43.00	308.80	390.14#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U26140.D\data.ms

(16) acetone (P)

6.171min (-0.093) 52.19ppb m

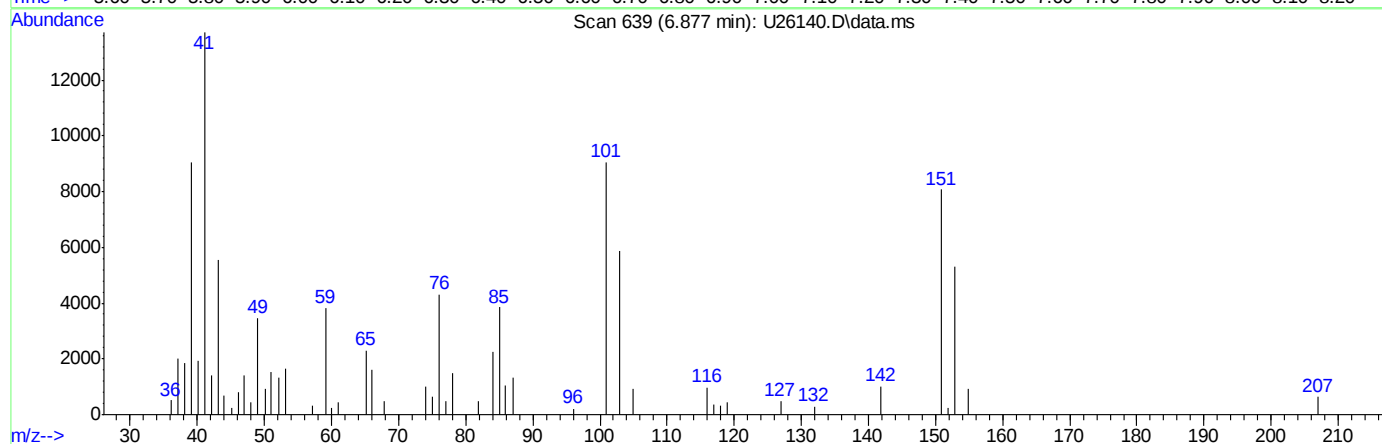
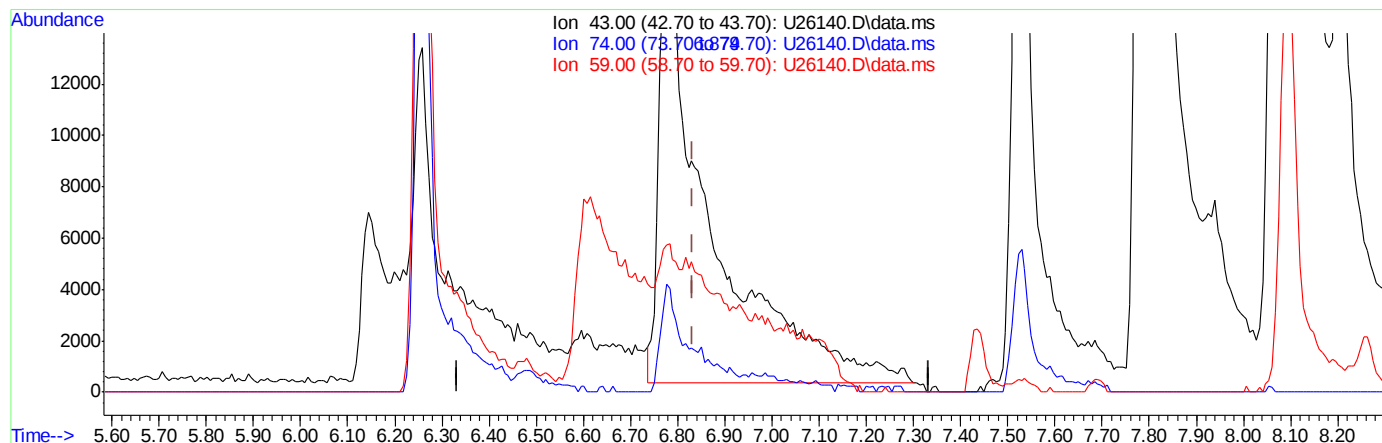
response 9213

Ion	Exp%	Act%
58.00	100	100
43.00	308.80	446.58#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U26140.D\data.ms

(17) Methyl Acetate (P)

6.879min (+0.046) 37.54ppb

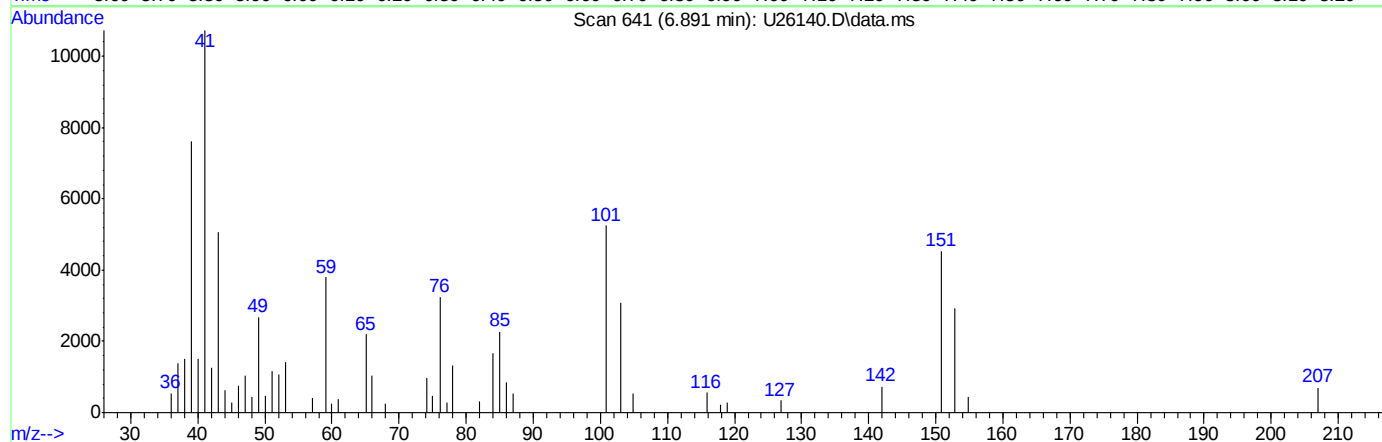
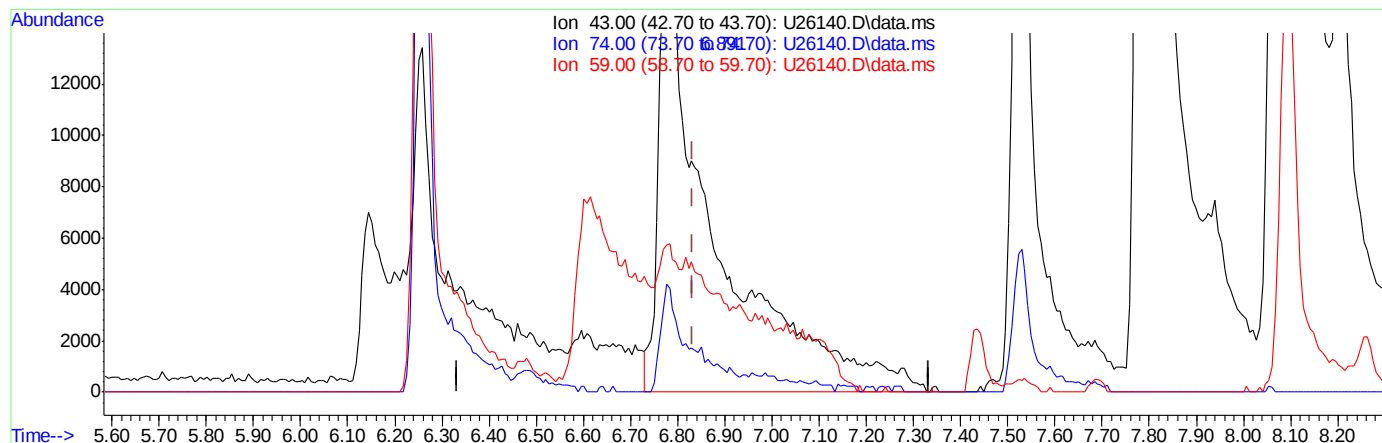
response 134264

Ion	Exp%	Act%
43.00	100	100
74.00	18.30	19.43
59.00	10.60	73.53#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U26140.D\data.ms

(17) Methyl Acetate (P)

6.891min (+0.058) 41.23ppb m

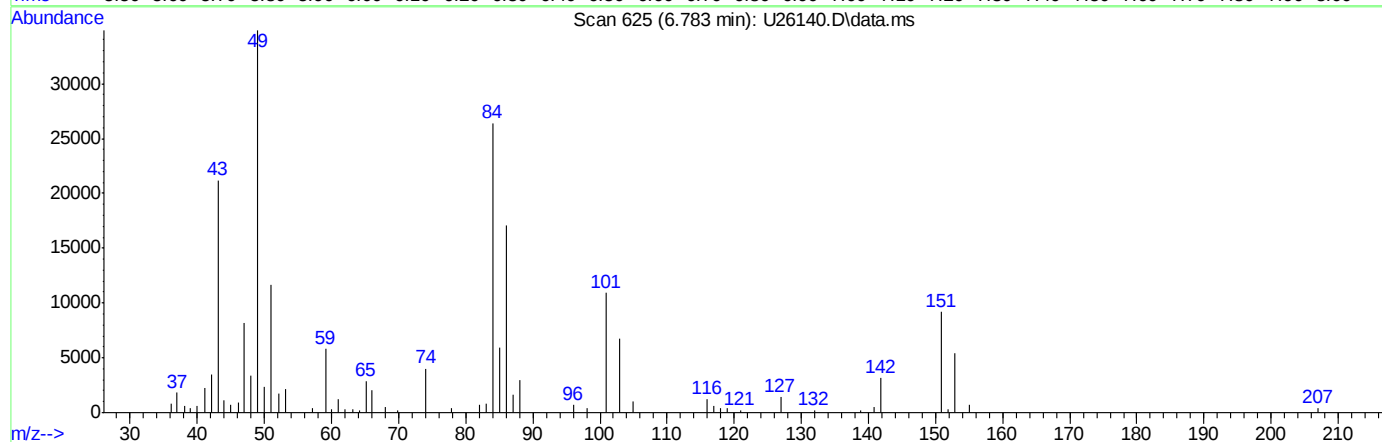
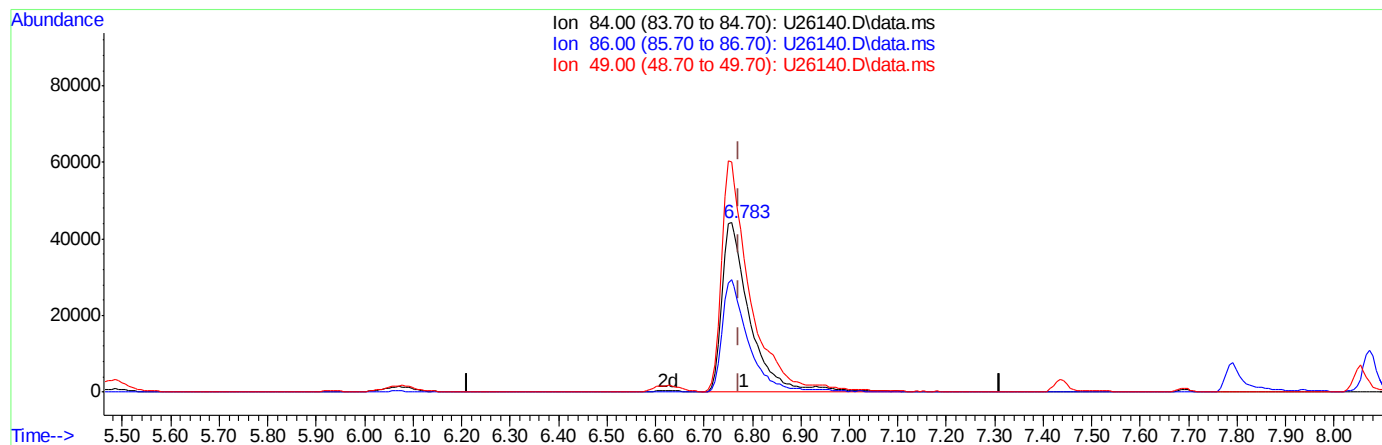
response 147435

Ion	Exp%	Act%
43.00	100	100
74.00	18.30	19.44
59.00	10.60	74.90#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U26140.D\data.ms

(18) methylene chloride (P)

6.783min (+0.011) 61.61ppb

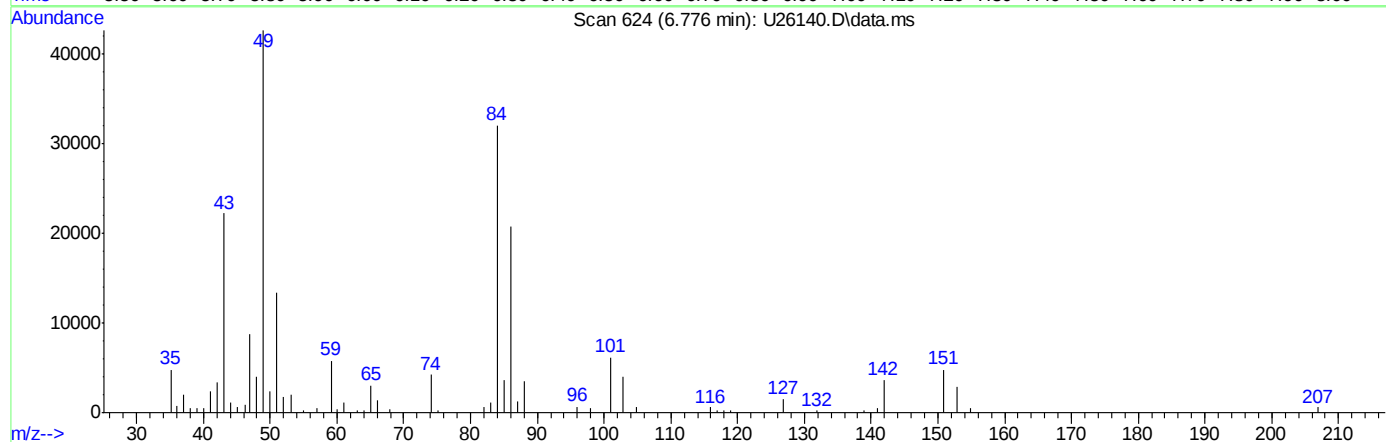
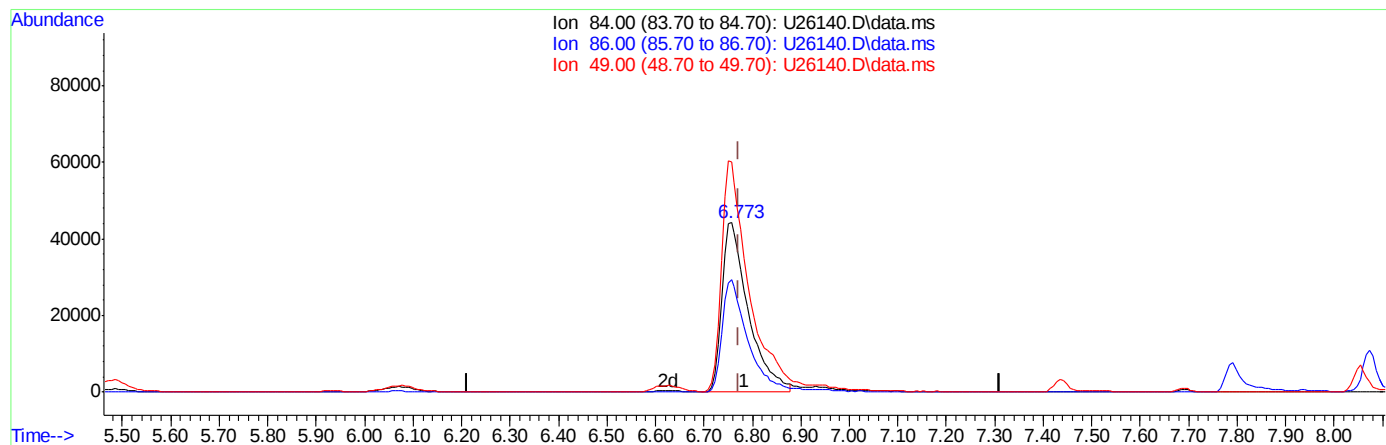
response 179041

Ion	Exp%	Act%
84.00	100	100
86.00	66.80	64.50
49.00	173.40	131.90#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U26140.D\data.ms

(18) methylene chloride (P)

6.776min (+0.004) 58.23ppb m

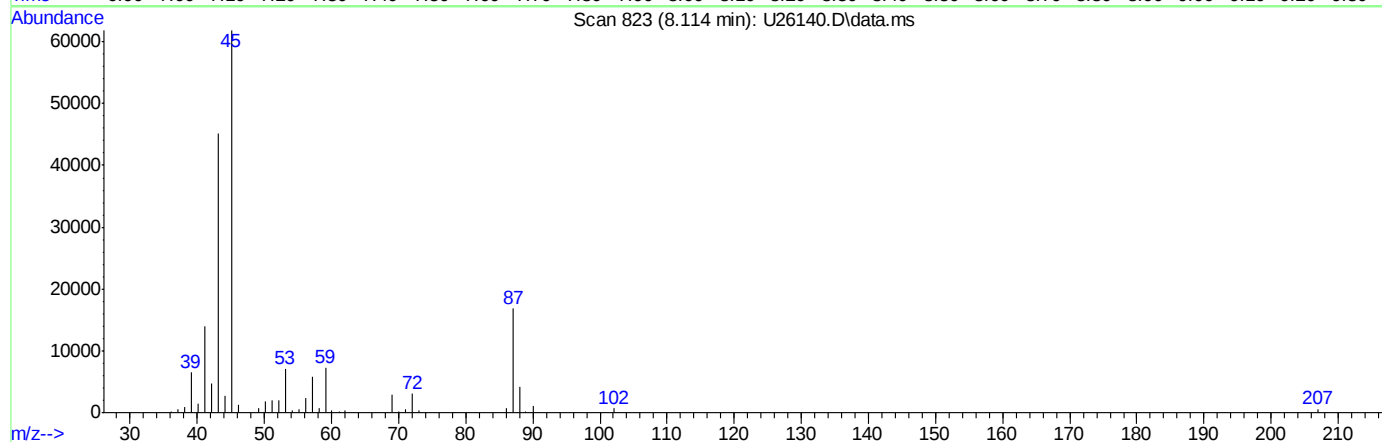
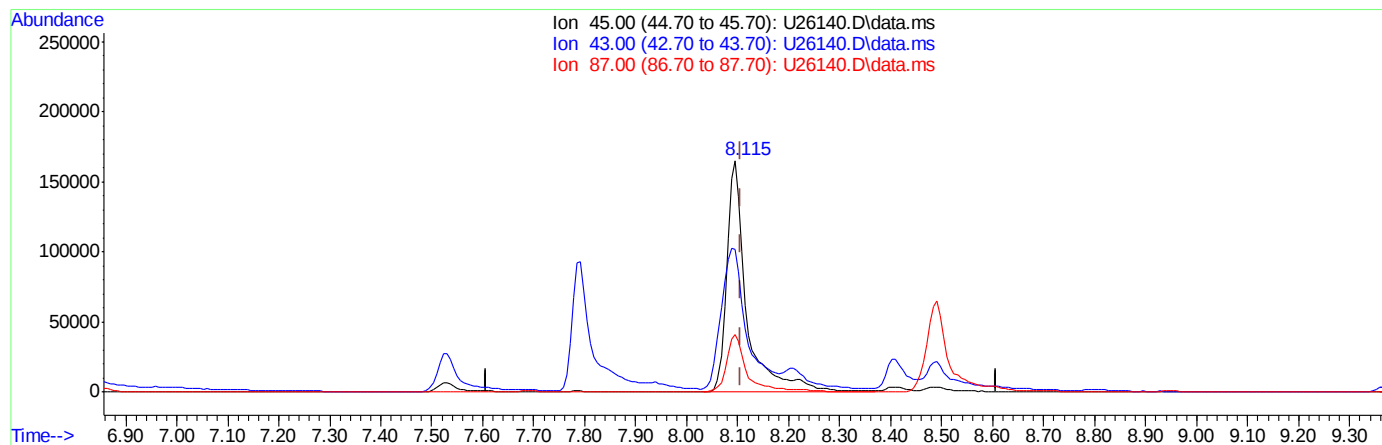
response 169218

Ion	Exp%	Act%
84.00	100	100
86.00	66.80	64.77
49.00	173.40	133.20#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U26140.D\data.ms

(28) di-isopropyl ether (P)

8.115min (+0.008) 62.65ppb

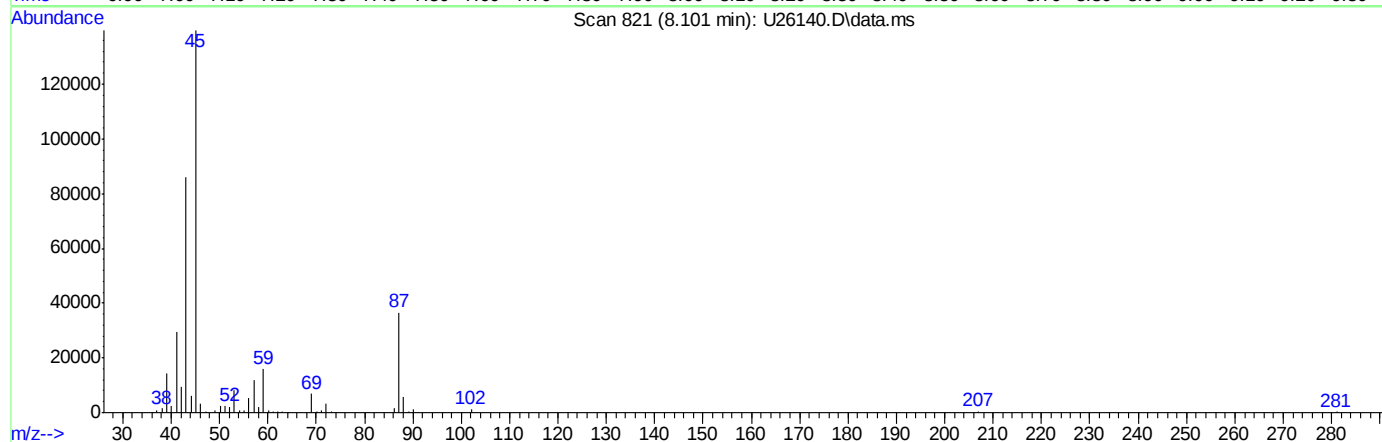
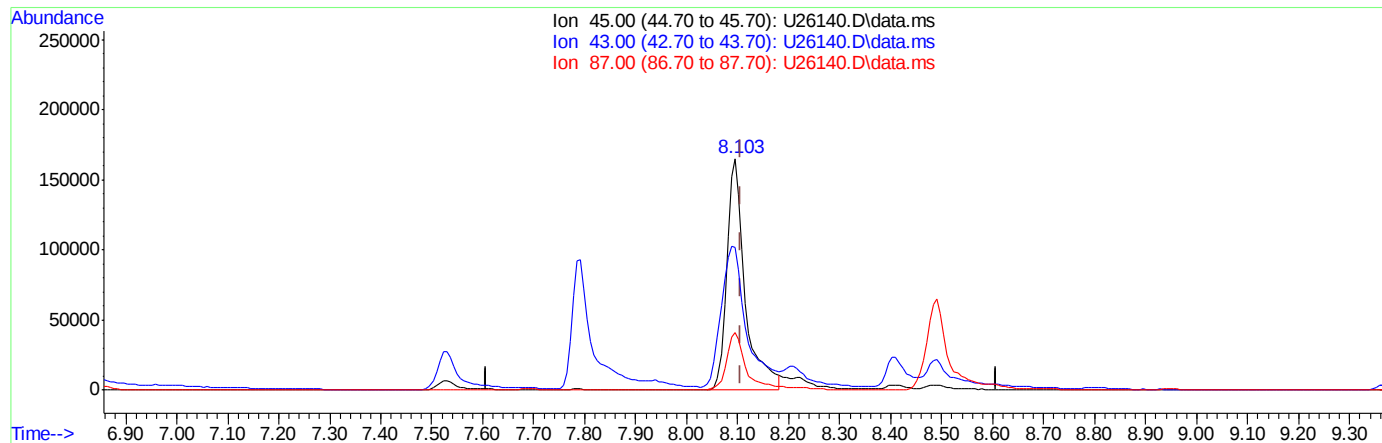
response 459136

Ion	Exp%	Act%
45.00	100	100
43.00	63.40	69.04
87.00	19.70	26.64
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U26140.D\data.ms

(28) di-isopropyl ether (P)

8.101min (-0.006) 56.96ppb m

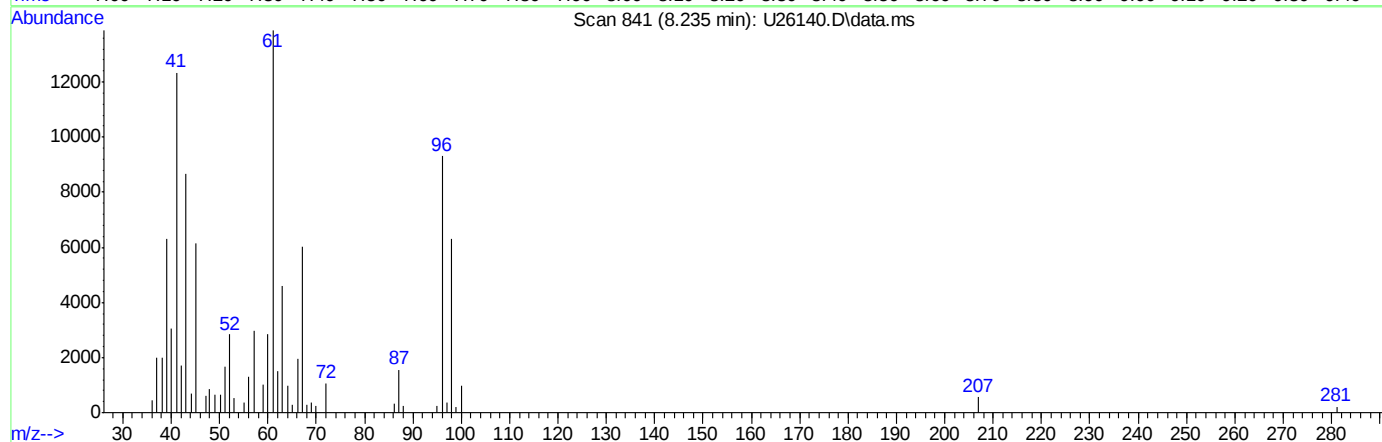
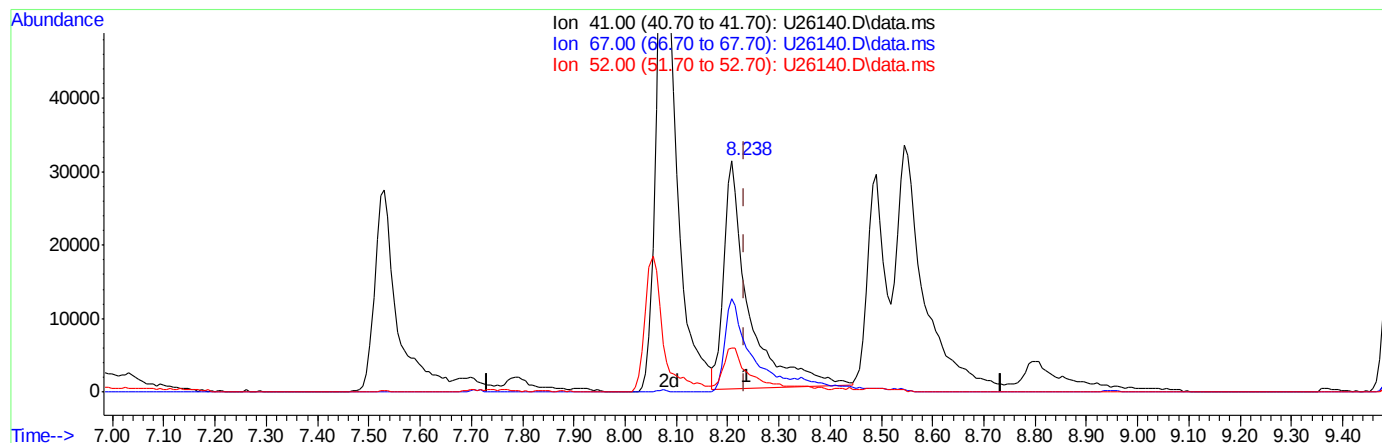
response 417465

Ion	Exp%	Act%
45.00	100	100
43.00	63.40	61.51
87.00	19.70	26.11
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(29) methacrylonitrile (P)

8.238min (+0.005) 60.45ppb

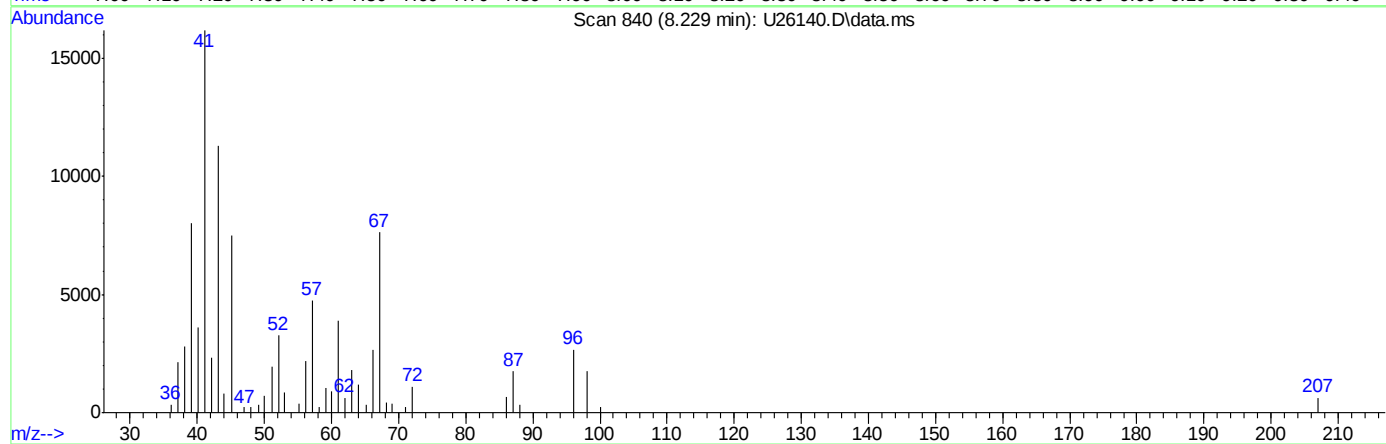
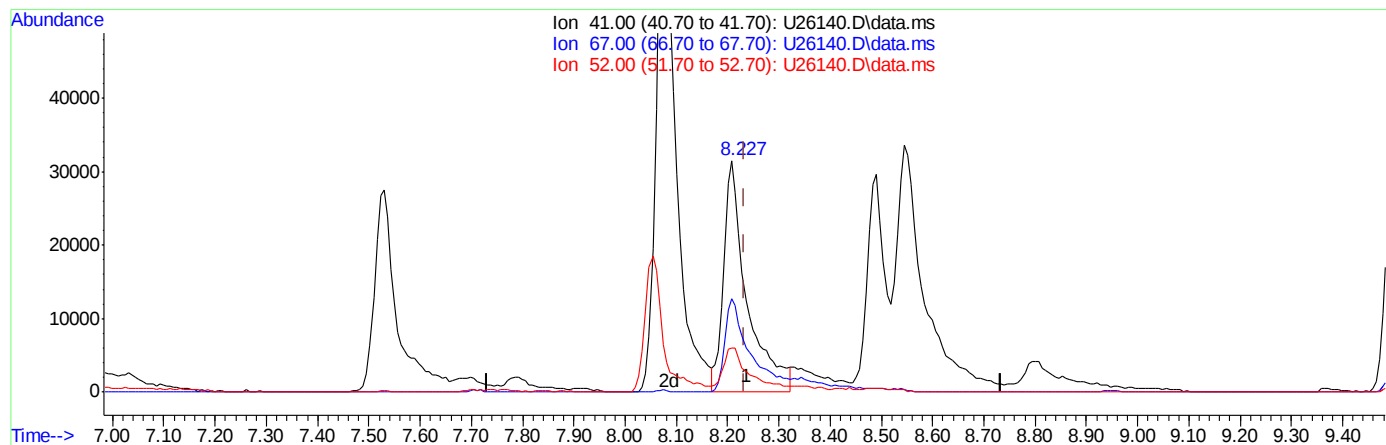
response 104722

Ion	Exp%	Act%
41.00	100	100
67.00	54.00	54.30
52.00	26.90	22.79
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(29) methacrylonitrile (P)

8.229min (-0.005) 57.71ppb m

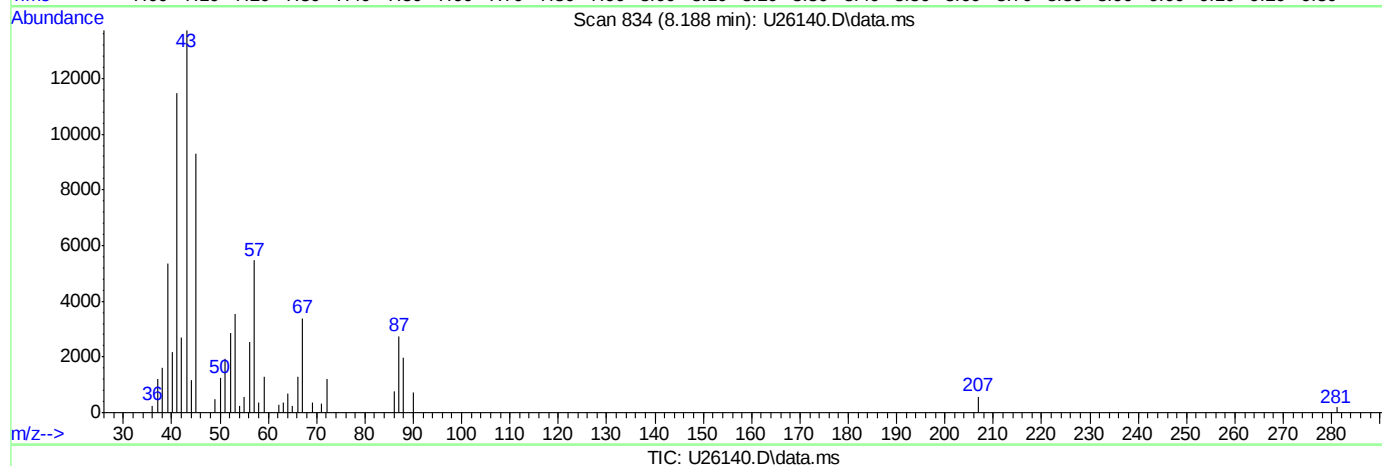
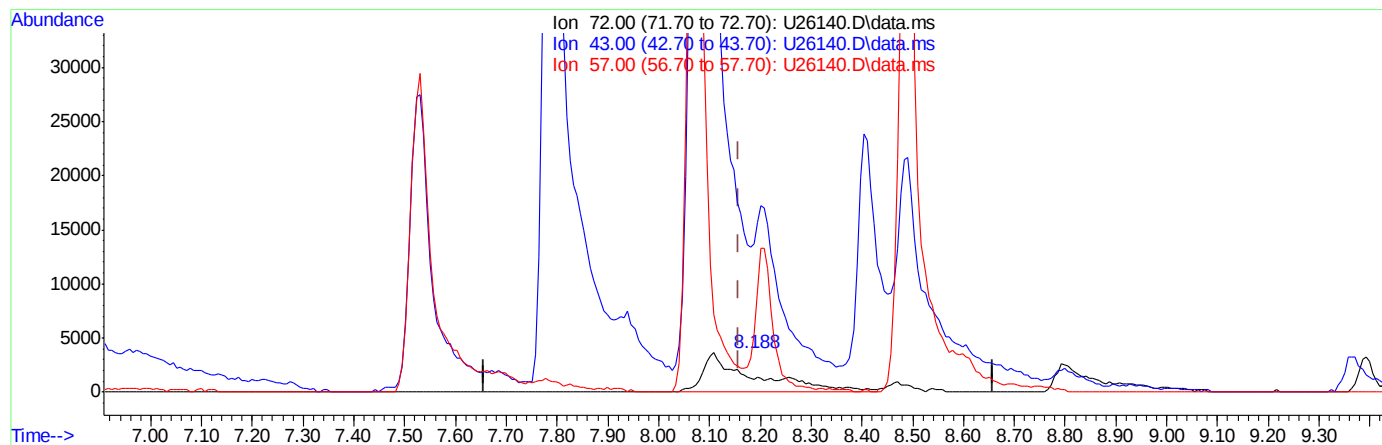
response 99977

Ion	Exp%	Act%
41.00	100	100
67.00	54.00	47.29
52.00	26.90	20.32
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(30) 2-butanone (P)

8.188min (+0.030) 69.92ppb

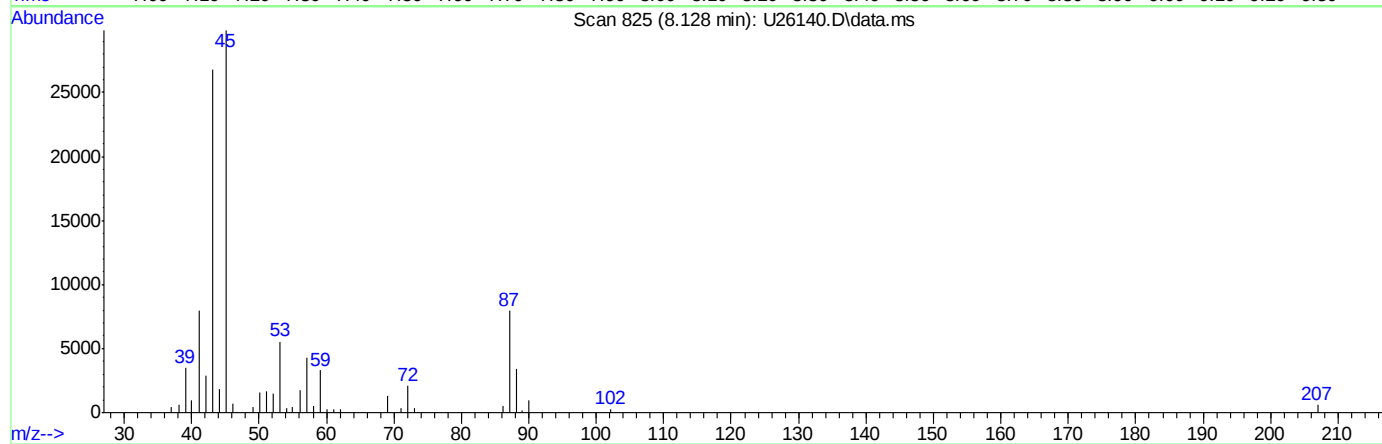
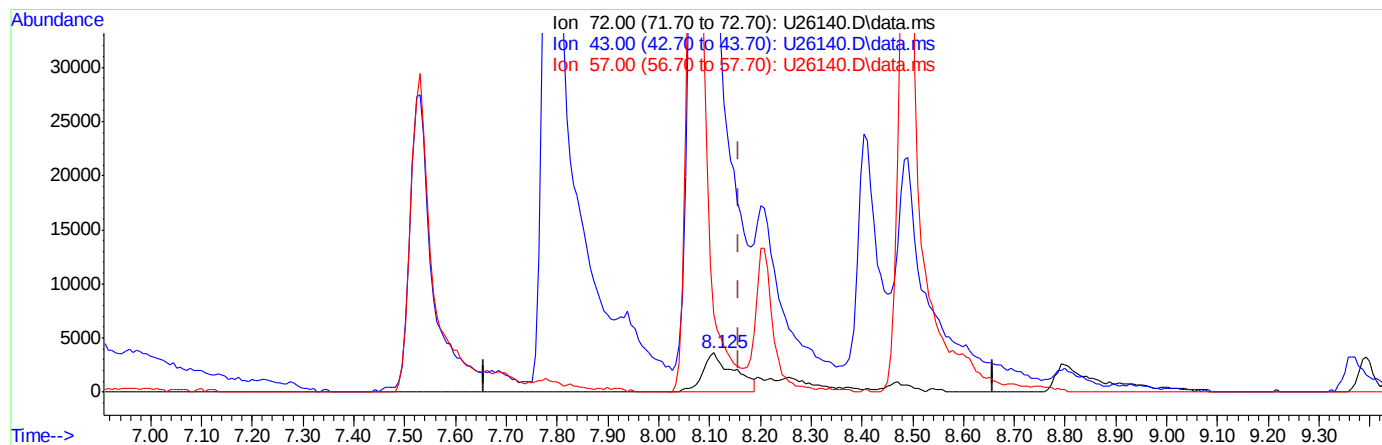
response 26164

Ion	Exp%	Act%
72.00	100	100
43.00	1487.20	0.00#
57.00	99.80	130.16#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U26140.D\data.ms

(30) 2-butanone (P)

8.128min (-0.030) 40.84ppb m

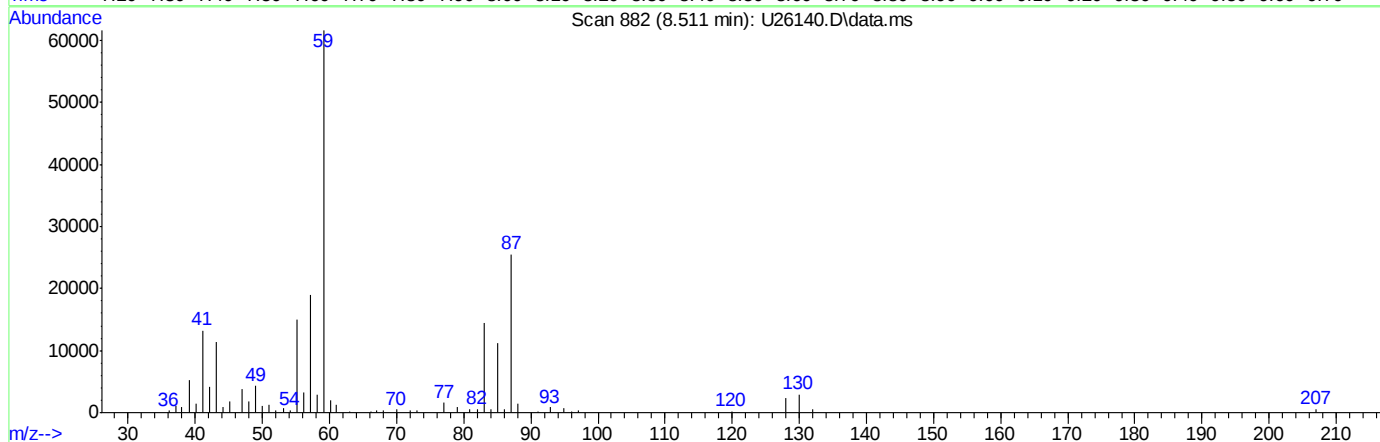
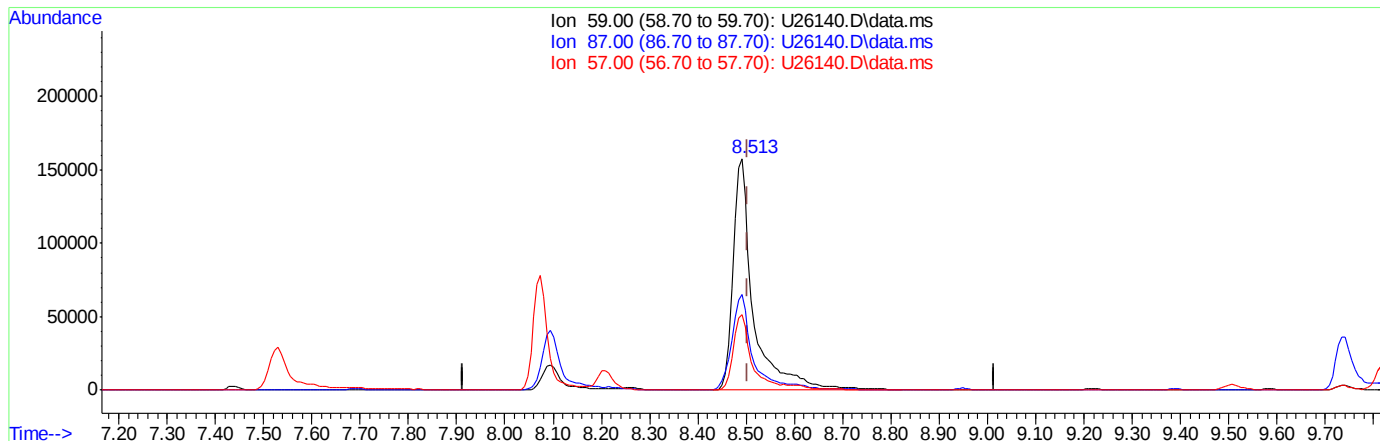
response 15351

Ion	Exp%	Act%
72.00	100	100
43.00	1487.20	0.00#
57.00	99.80	221.85#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U26140.D\data.ms

(34) tert-butyl ethyl ether (P)

8.513min (+0.008) 61.00ppb

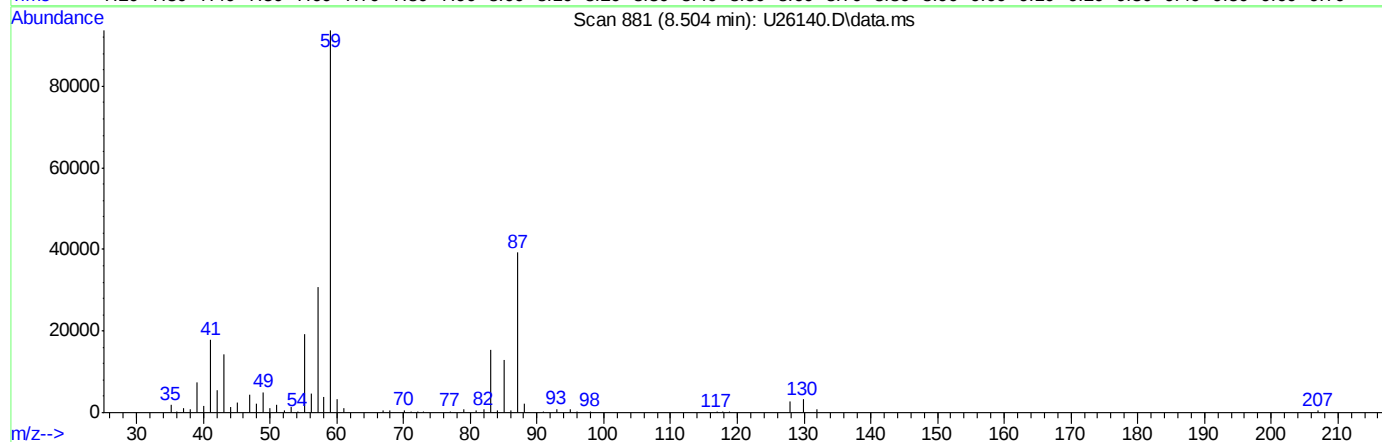
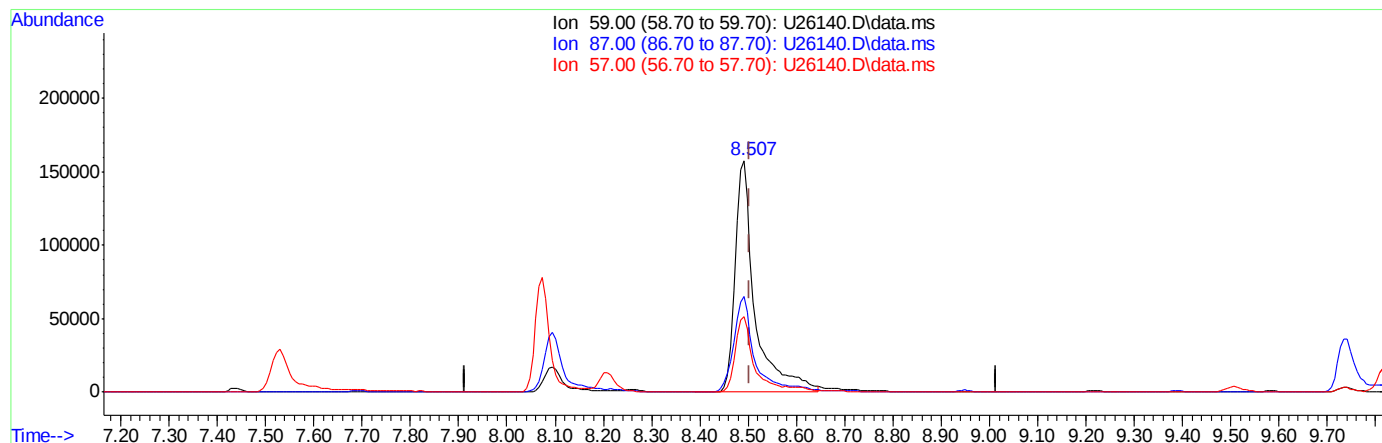
response 467571

Ion	Exp%	Act%
59.00	100	100
87.00	32.40	41.38
57.00	35.30	30.87
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U26140.D\data.ms

(34) tert-butyl ethyl ether (P)

8.504min (-0.001) 59.01ppb m

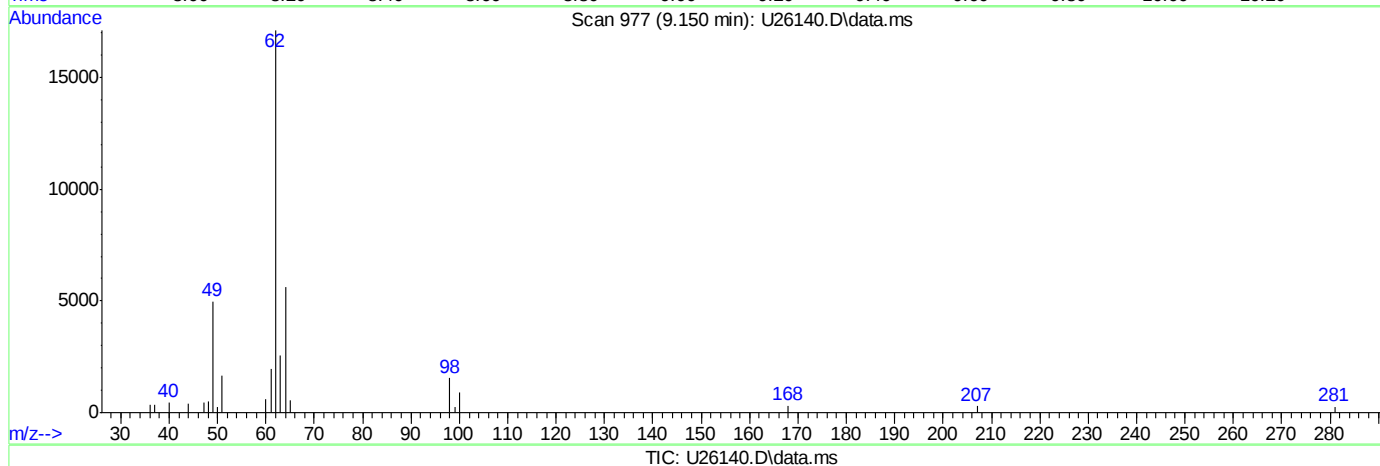
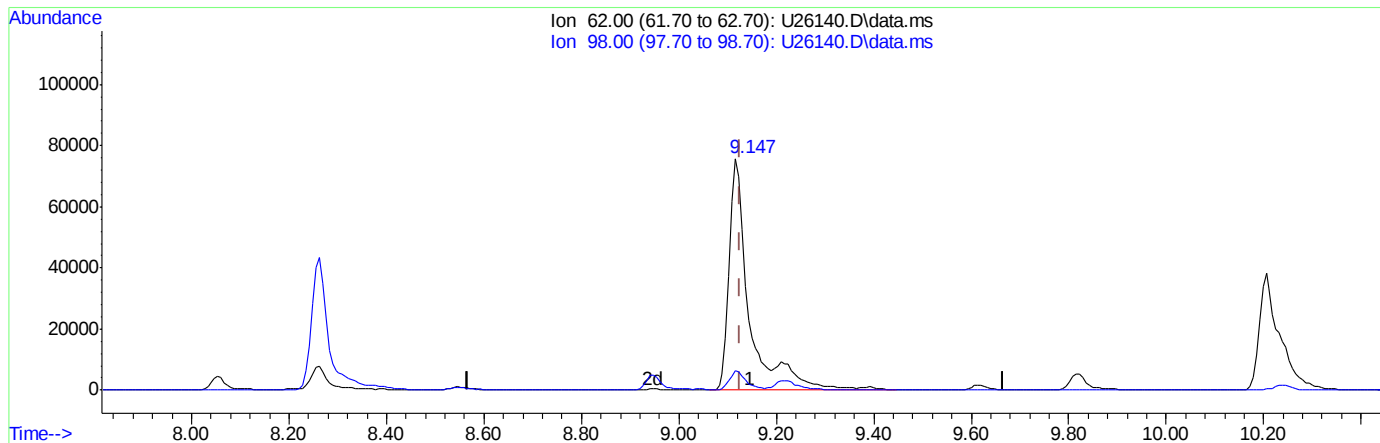
response 452330

Ion	Exp%	Act%
59.00	100	100
87.00	32.40	41.92
57.00	35.30	32.74
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(48) 1,2-dichloroethane (P)

9.147min (+0.021) 60.62ppb

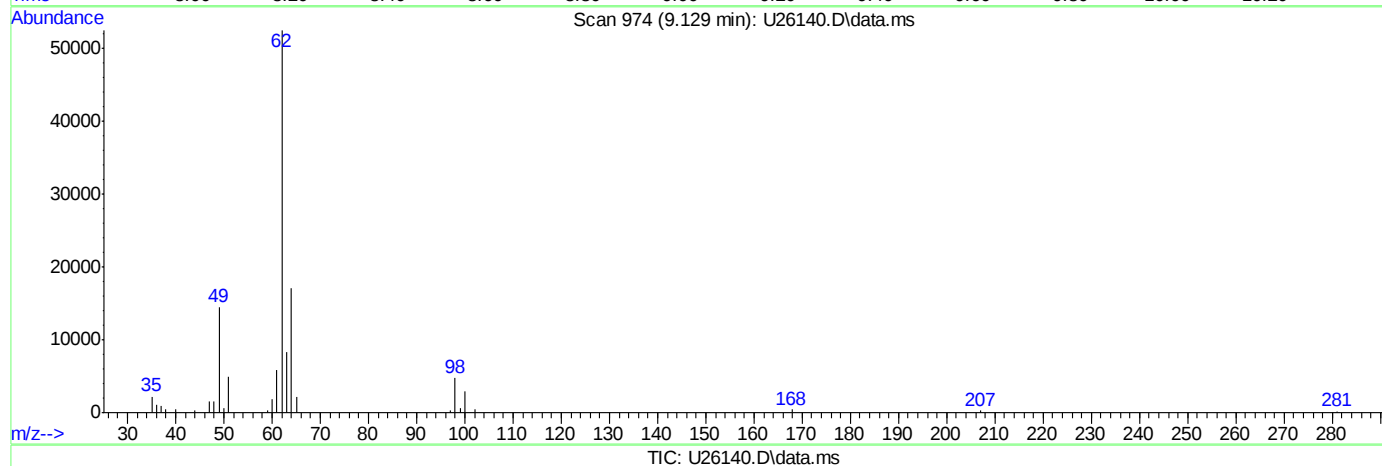
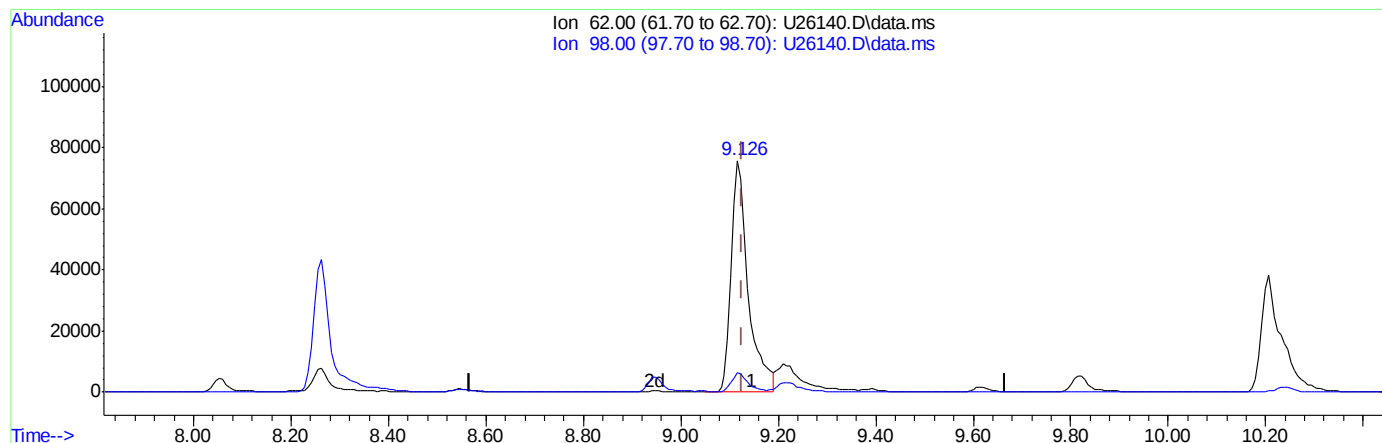
response 219179

Ion	Exp%	Act%
62.00	100	100
98.00	7.60	9.02
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(48) 1,2-dichloroethane (P)

9.129min (+0.003) 50.45ppb m

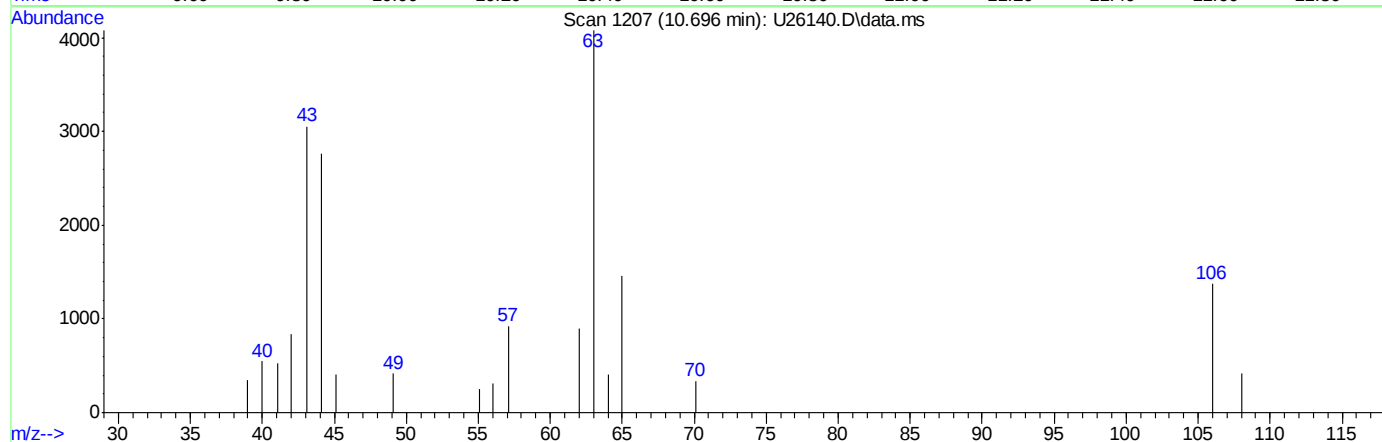
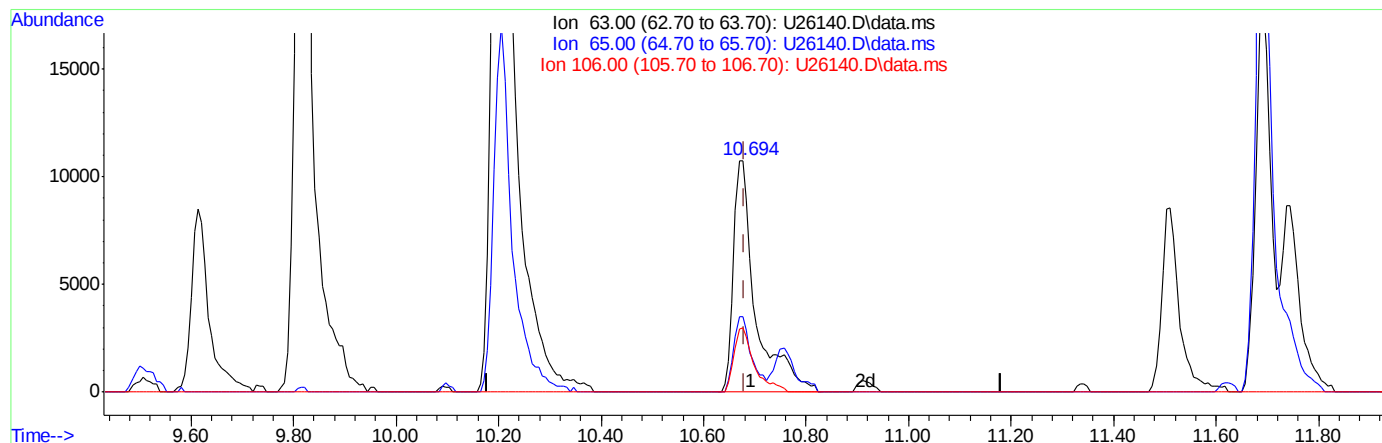
response 182426

Ion	Exp%	Act%
62.00	100	100
98.00	7.60	8.97
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U26140.D\data.ms

(56) 2-chloroethyl vinyl ether (P)

10.694min (+0.014) 76.17ppb

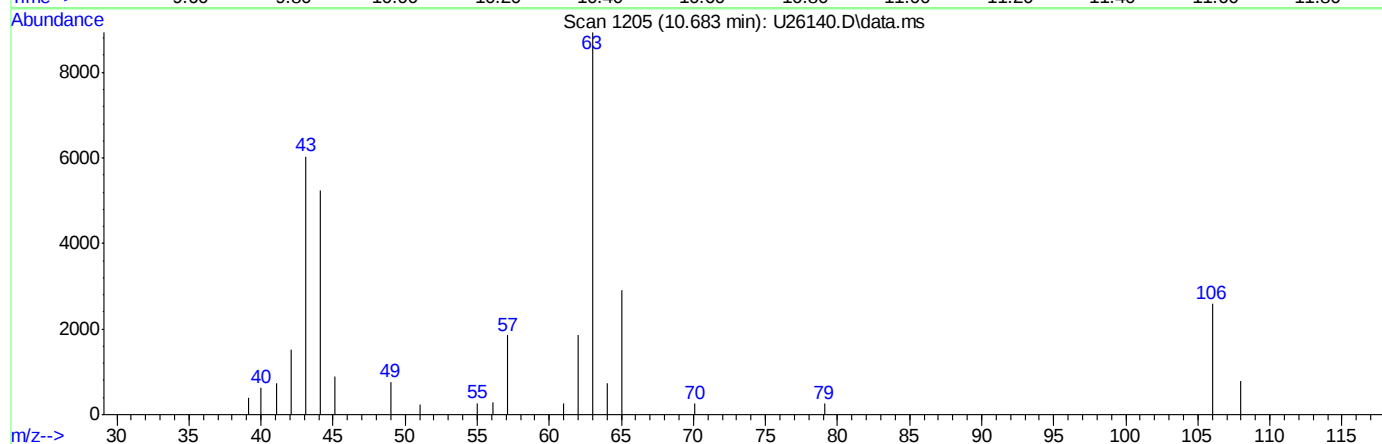
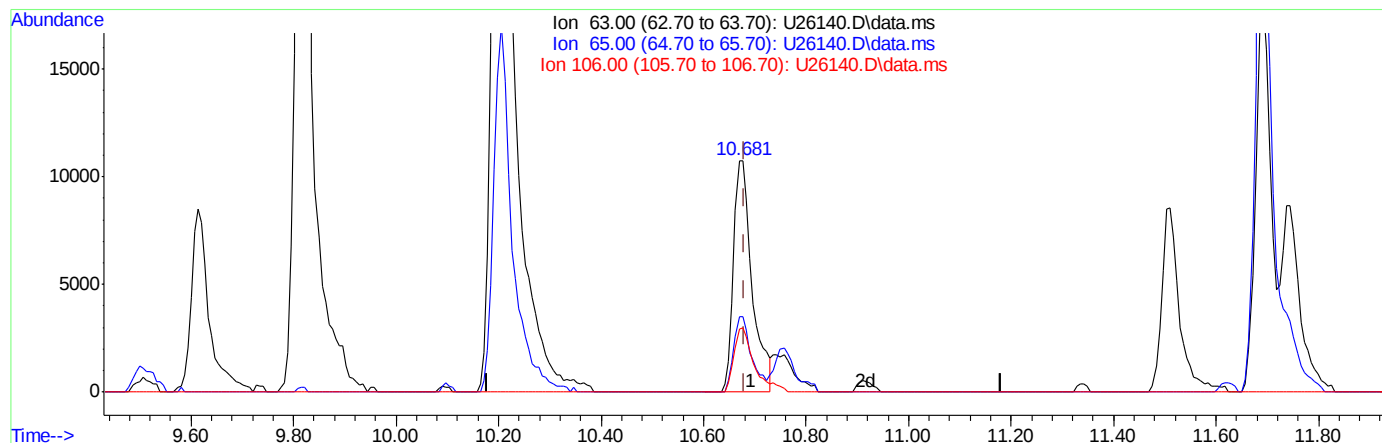
response 31887

Ion	Exp%	Act%
63.00	100	100
65.00	29.80	35.68
106.00	21.20	33.62
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



TIC: U26140.D\data.ms

(56) 2-chloroethyl vinyl ether (P)

10.683min (+0.003) 64.14ppb m

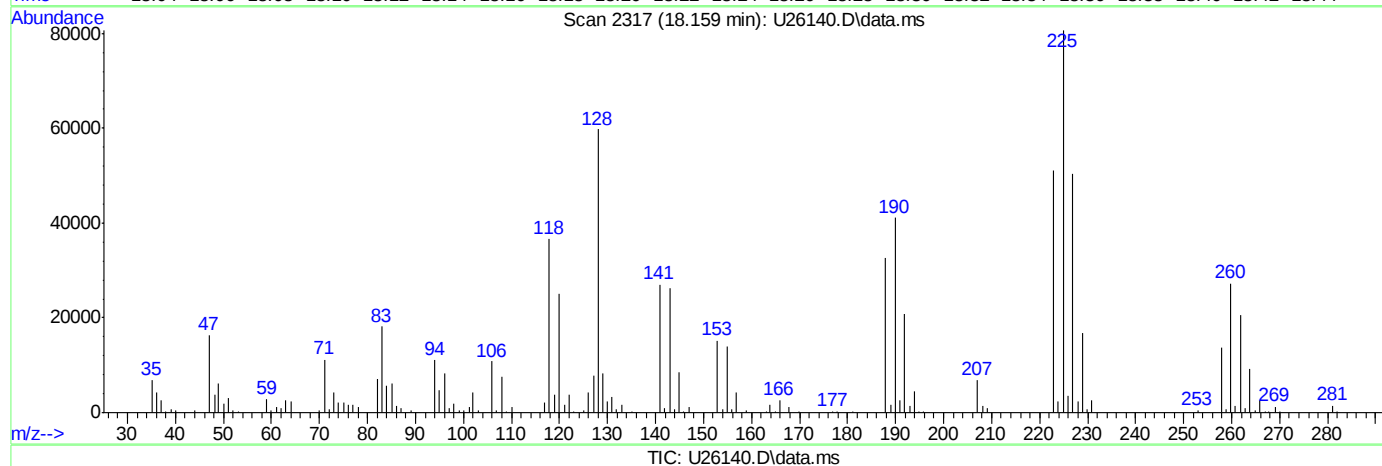
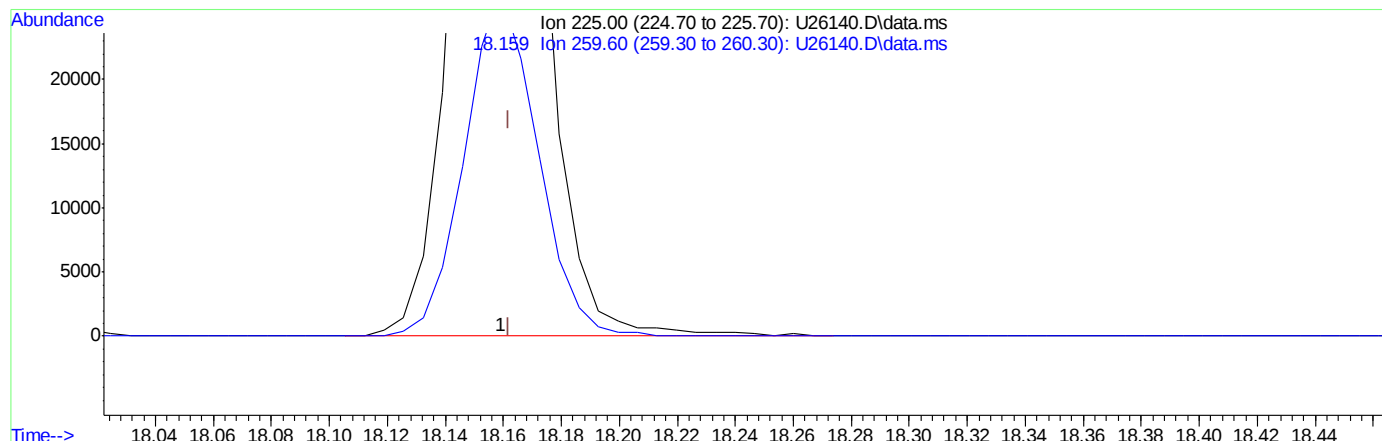
response 26657

Ion	Exp%	Act%
63.00	100	100
65.00	29.80	32.46
106.00	21.20	29.03
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(101) hexachlorobutadiene (P)

18.159min (-0.003) 60.16ppb

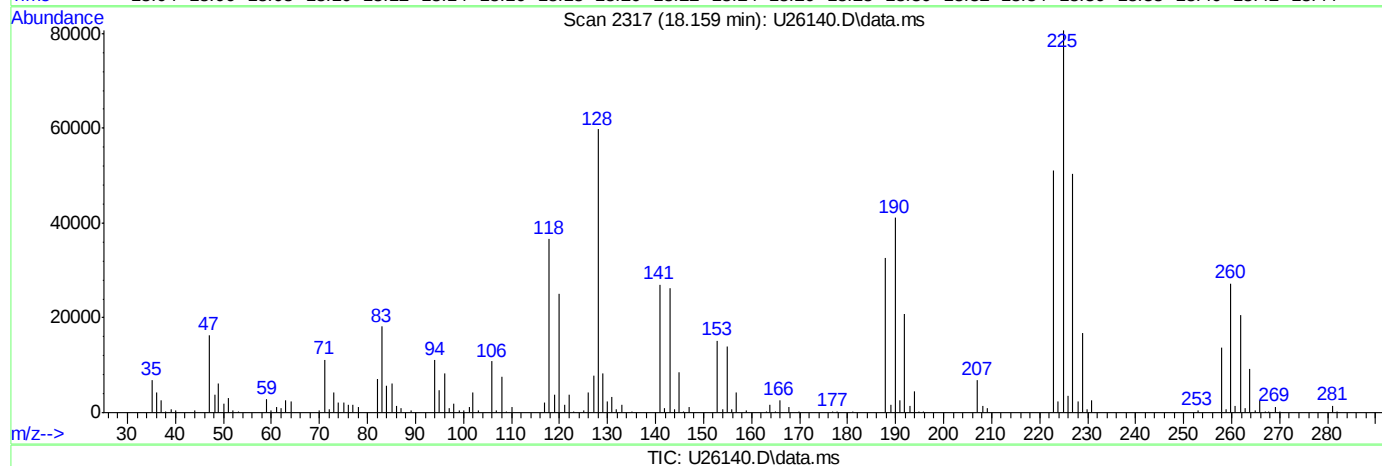
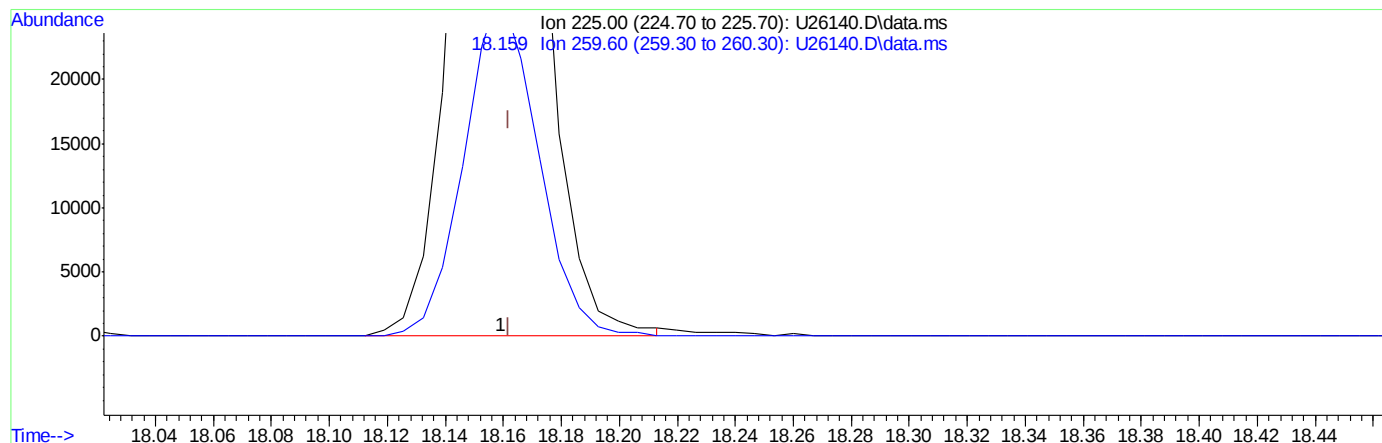
response 142239

Ion	Exp%	Act%
225.00	100	100
259.60	30.60	33.88
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(101) hexachlorobutadiene (P)

18.159min (-0.003) 59.84ppb m

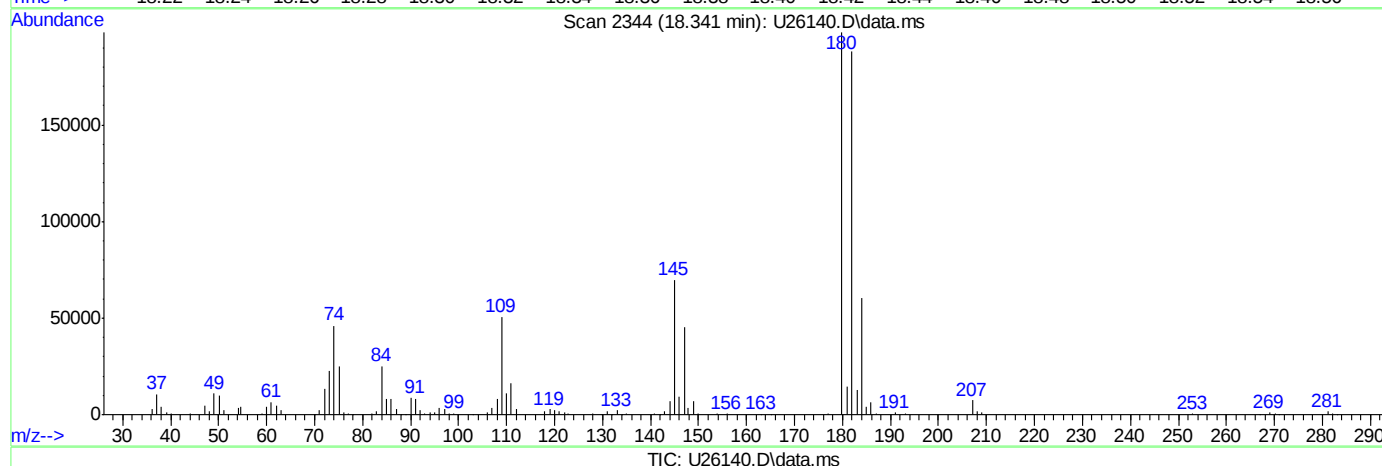
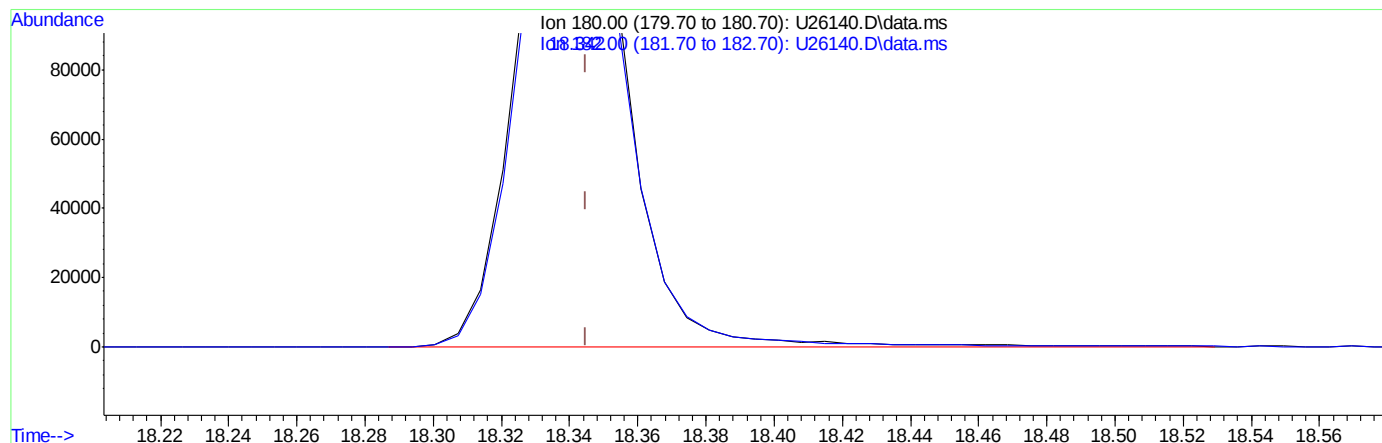
response 141479

Ion	Exp%	Act%
225.00	100	100
259.60	30.60	33.88
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(105) 1,2,3-trichlorobenzene (P)

18.342min (-0.003) 61.02ppb

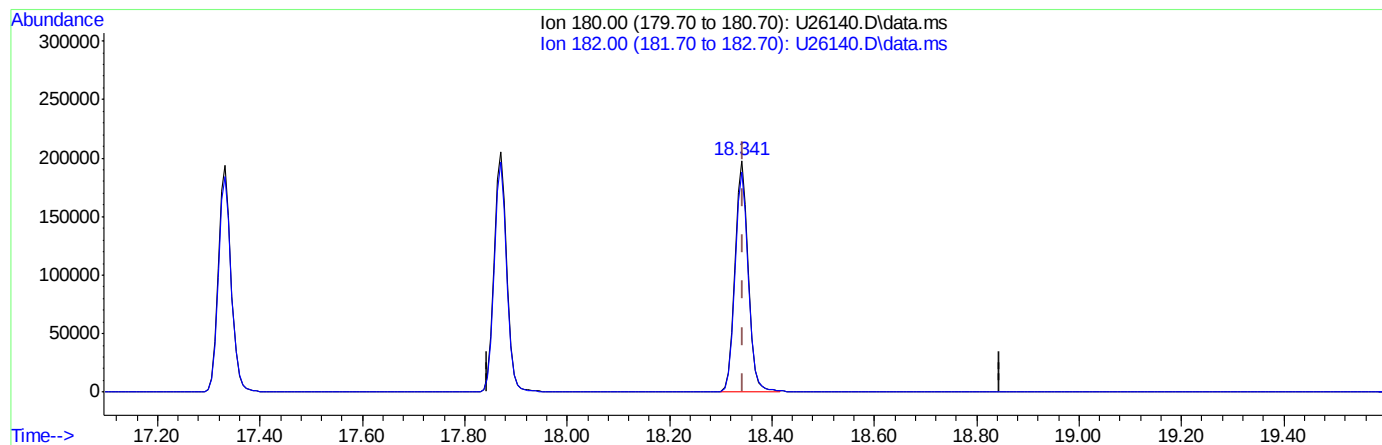
response 365768

Ion	Exp%	Act%
180.00	100	100
182.00	100.30	95.15
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(105) 1,2,3-trichlorobenzene (P)

18.341min (-0.004) 60.47ppb m

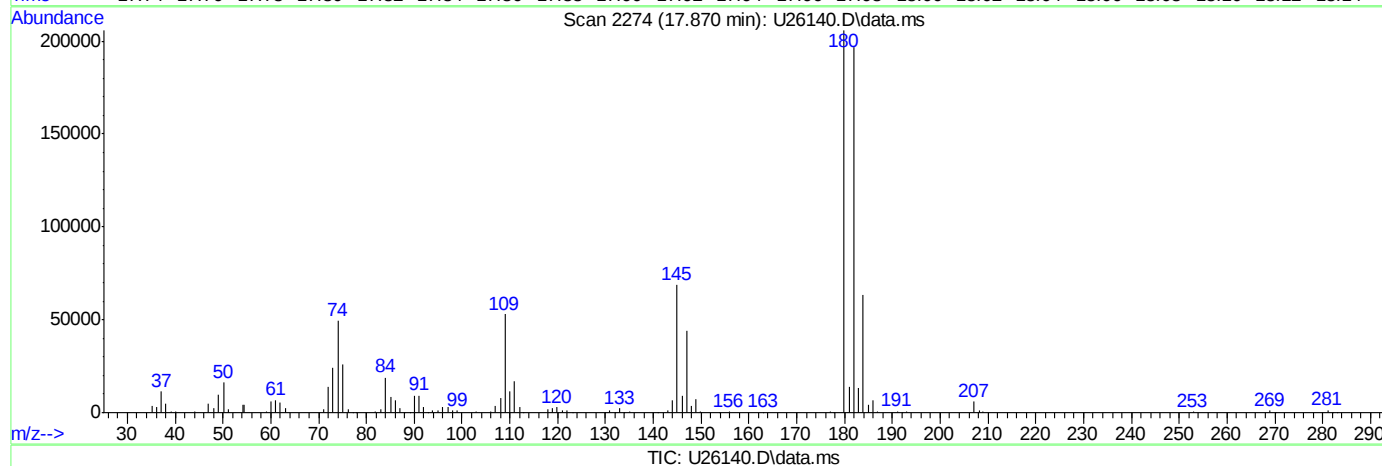
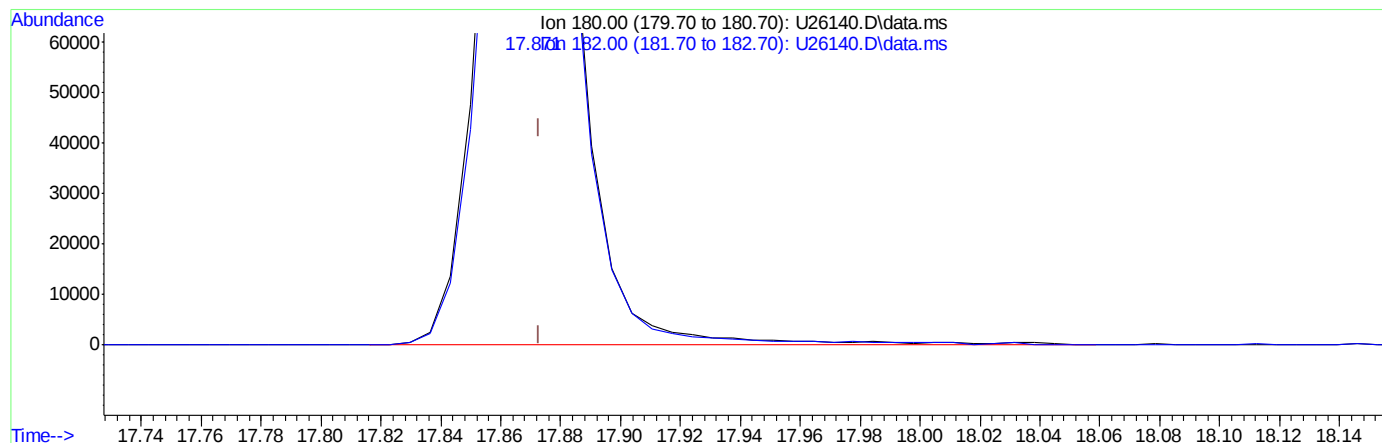
response 362447

Ion	Exp%	Act%
180.00	100	100
182.00	100.30	95.15
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(100) 1,2,4-trichlorobenzene (P)

17.871min (-0.002) 61.36ppb

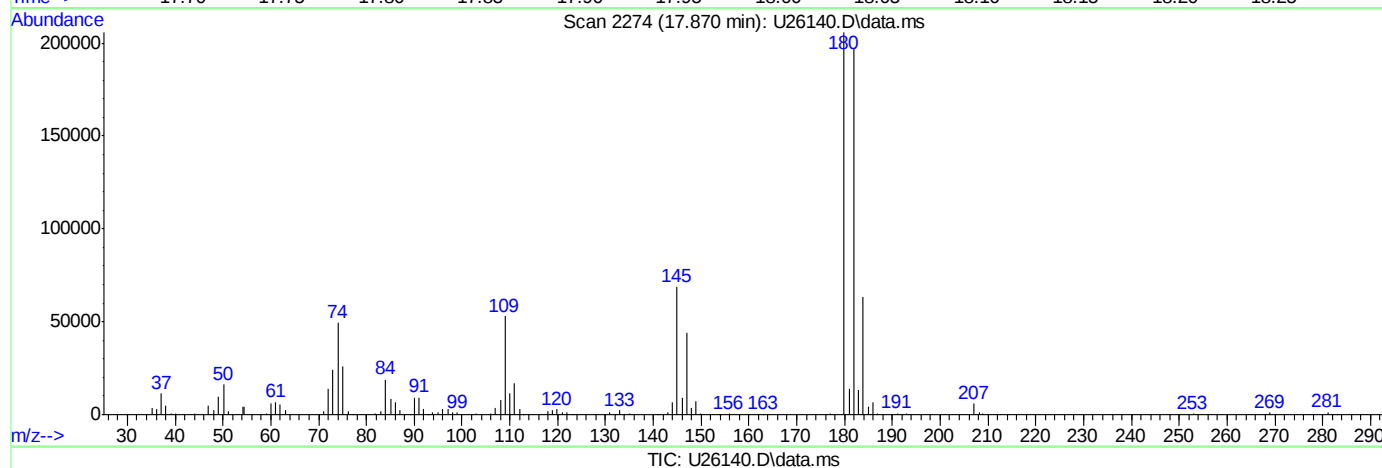
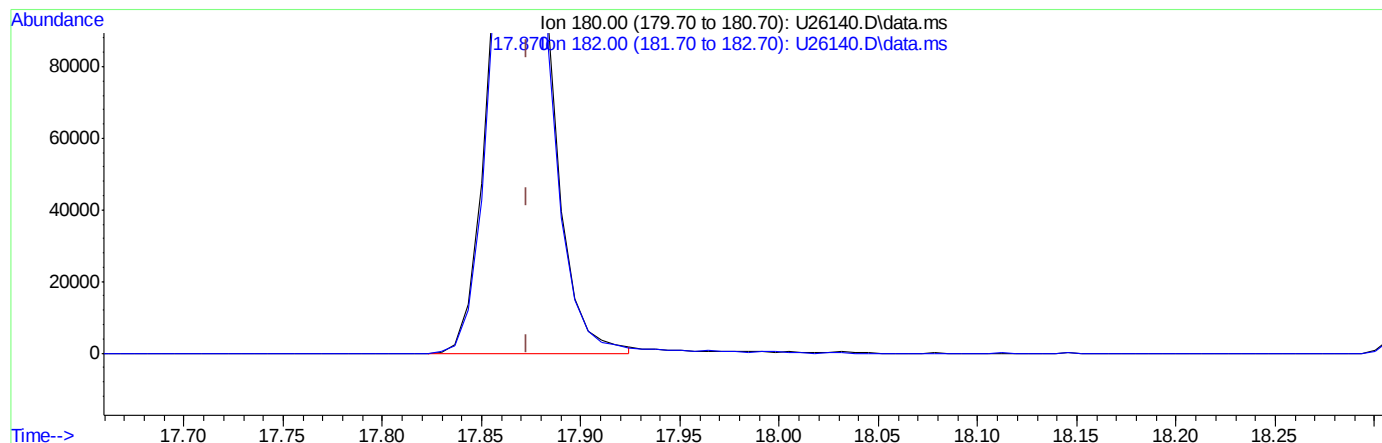
response 361747

Ion	Exp%	Act%
180.00	100	100
182.00	101.60	95.52
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : D:\msdchem\1\data\U150210\
Data File : U26140.D
Acq On : 10 Feb 2015 10:13 am
Operator : GaryK
Sample : bs
Misc : ms33837,msu1100,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:43:49 2015
Quant Method : D:\msdchem\1\methods\U150115w.m
Quant Title : SW-846 Method 8260
QLast Update : Fri Jan 16 15:13:47 2015
Response via : Initial Calibration



(100) 1,2,4-trichlorobenzene (P)

17.870min (-0.003) 60.72ppb m

response 358000

Ion	Exp%	Act%
180.00	100	100
182.00	101.60	95.52
0.00	0.00	0.00
0.00	0.00	0.00

VOLATILE ORGANICS BY GC/MS ANALYSIS LOG

Standards Data

Lot #	Description	Conc
MS10074	8260 15/55	250 µg/ml
MS10075 #2	CC	200 µg/ml
MS10111 #1	CCgas	
MS10093 #2	BS	
MS10096 #2	BSgas	

Daily Saved File

Tune file 1: K85144
Tune file 2: NA
Initial Cal: 2/3/15
ID File: K1502035.M
ICAL Verified: <i>JM</i> K85191
Sequence verified: <i>JM</i>

Date: 2/3/15

Batch ID: MSK2666

Analysts: *JM*Signature: *JM*

*Note: If sample matrix is soil - method SW846 5035 used for preparation. SW846 5030 is purge and trap method for soil and water

pH paper LOT#202513 exp: 1/15/2016

Data File	Sample ID	Bot No.	Work Group	Test	ALS #	*MTX	Samp Amt.	% Sol	Dil. Fact.	pH	Comments
K85136	Blank	NA	NA	Curve	1	S	NA	NA	50x	NA	-
K85143	Blank				2						-
44	BFB				3						✓✓
45	ic2666-0.5	2.1	MS10075/10111		4						✓✓
46	-1				5						✓✓
47	-2				6						✓✓
48	-5				7						✓✓
49	-10				8						✓✓
50	-25				9						✓✓
51	ic2666-50				10						✓✓
52	ic2666-100				11						✓✓
53	-200				12						✓✓
54	-400				13						✓✓
55	Blank	NA	NA		14						-
56	Blank				15						-
57	ic2666-50	2.2	MS10093/10096		16						} Acetone low ICV 2/4/15
58	ic2666-50				17						
59	Blank	-	-		18						-

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

1-05 Date: 07/22/13

Review: *JM*

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VOLATILE ORGANICS BY GC/MS ANALYSIS LOG

Standards Data

Lot #	Description	Conc
MS10074	P260 15/65	250 µg/ml
10075#2	CC	200 µg/ml
10111#1	CCgas	
10093#3	BS	
10108#1	BSgas	

Daily Saved File

Tune file 1: K85191
Tune file 2: NA
Initial Cal: 2/3/15
ID File: K1502035.M
ICAL Verified: JMM K85191
Sequence verified: GK

Date: 2/4/15

Batch ID: MSK2667

Analysts: JMM

Signature: JMM

*Note: If sample matrix is soil - method SW846 5035 used for preparation. SW846 5030 is purge and trap method for soil and water

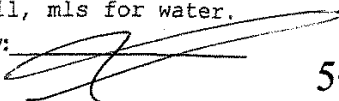
pH paper LOT#202513 exp: 1/15/2016

Data File	Sample ID	Bot No.	Work Group	Test	ALS #	*MTX	Samp Amt.	% Sol	Dil. Fact.	pH	Comments
K85188	Blank	-	-	NA	1	S	NA	NA	50x	NA	-
89	Blank	-	-		2						-
90	CC2666-50	2.1	MS10075/10111		3						Need ICV
91	BS	3.1	MS10093/10108		4						W BFB/KW/CC
92	BSD	↓	↓		5						W BS
93	Blank	-	-		6						-
94	MB	-	-		7						W
95	MC36713-3	3	MS33810	SL	8		4.24		25x		Run low
96	-2	3			9		2.38				Run low
97	-1	3			10		3.24				W
98	MC36677-2	1		STD+MTBE	11		10.03		50x		W
99	-2msl				12				200x		W
85200	-2msd	1			13						W
01	Blank	-		-	14				50x		- (c/o)
02	MC36684-1	3		RCP	15	MTB	10.00		25x		RR c/o
03	MC36685-1	3			16	MTB					W
04	MC36688-1	3			17	MTB					W
05	MC36671-2	3			18	MTB					W
06	MC36674-1	2		STD+MTBE	19		9.99		50x		W
07	-2	2			20		10.01				RR c/o
08	-3	2			21		6.19				W
09	-4	2			22		4.36				W
10	-5	2			23		8.41				W
11	-6	2			24		9.36				W
12	-7	2			25		10.85				W
13	-8	2			26		10.76				W
14	-9	2			27		5.75				W
15	MC36682-1	2		NHF	28		5.66				W
16	MC36677-1	1		STD+MTBE	29		10.44		100x		W
											2/5/15

= Matrix: Designate W for water, S for soil, O for oil.

le amount is reported in grams (wet) for soil and oil, mls for water.

-05 Date: 07/22/13

Review: 

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VOLATILE ORGANICS BY GC/MS ANALYSIS LOG

Standards Data

Lot #	Description	Conc
MS10074	8260 15/SS	250 µg/mL
075	CC	200 µg/mL
111	CC gas	
093	BS	
108	BS gas	

Daily Saved File

Tune file 1: K85338
Tune file 2: NA
Initial Cal: 2/3/15
ID File: K1502035.M
ICAL Verified: <i>AM</i>
Sequence verified: <i>8B</i>

Date: 2/10/15Batch ID: MSK 2670Analysts: JMSignature: *AM*

*Note: If sample matrix is soil - method SW846 5035 used for preparation. SW846 5030 is purge and trap method for soil and water

pH paper LOT#202513 exp: 1/15/2016

Data File	Sample ID	Bot No.	Work Group	Test	ALS #	*MTX	Samp Amt.	% Sol	Dil. Fact.	pH	Comments
K85336	Blank	-	-	NA	1	S	NA	NA	50x	NA	-
37	Blank	-	-		2						-
38	CC 2666-50	2.1	MS10074/10111		3						✓ 8:44am
39	BS	3.1	MS10093/10108		4						✓
40	BSD	↓	↓		5						-
41	Blank	-	-		6						-
42	MSB	-	-	↓	7	↓	↓				✓
43	MC36762-1	3	MS33841	RCP	8	MSB	10.00		25x		✓
44	MC36777-13	3		↓	9	↓	↓		↓		✓
45	MC36792-1	1		STAR	10	S	11.05		50x		✓
46	-2	1			11		10.25				✓
47	-3	1			12		10.51				✓
48	-4	1			13		9.22				✓
49	-5	1			14		10.08				✓
50	-7	1			15		9.83				✓
51	-8	1			16		9.95				✓
52	-8ms	1			17						✓
53	↓ -8msd	1		↓	18		↓				✓
54	Blank	-		-	19		-		↓		-
55	MC36737-21	1		BTX	20		11.69		20x		Run low
56	-22	1			21		9.57				W
57	-23	1			22		9.51				W
58	-24	1			23		10.14				W
59	-25	1			24		9.59				W
60	-26	1			25		9.24				W
61	↓ -27	1		↓	26	↓	10.51		↓		W
62	MC36197-1	1	↓	OX45	27	O	1.054		1000x		W nontargets overall
63	Blank	NA	NA	NA	28	S	NA		50x		-
64					29						-
65					30						-
66					31						-

MTX = Matrix: Designate W for water, S for soil, O for oil.

Sample amount is reported in grams (wet) for soil and oil, mls for water.

MS001-05 Date: 07/22/13

Review: *[Signature]*

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Standards Data

Lot #	Description	Conc
MS10074	8260 15/65	250 µg/mL
075	CE	200 µg/mL
111	CCgas	
093	BS	
108	BSgas	

Daily Saved File

Tune file 1:	K85369
Tune file 2:	NA
Initial Cal:	2/3/15
ID File:	K1502035.M
ICAL Verified:	mm
Sequence verified:	OK

Date: 2/11/15

Batch ID: ~~MSG-53~~ MSK2670
addon

Analysts: JM

Signature: *JM*

*Note: If sample matrix is soil - method SW846 5035 used for preparation. SW846 5030 is purge and trap method for soil and water

pH paper LOT#202513 exp: 1/15/2016

Data File	Sample ID	Bot No.	Work Group	Test	ALS #	*MTX	Samp Amt.	% Sol	Dil. Fact.	pH	Comments
K85367	Blank	-	-	NA	1	S	NA	NA	50X	NA	-
68	Blank	-	-		2						-
69	CC2666-50	2,1	MS10075/10111		3						✓
70	BS	3,1	MS10093/10108		4						✓ BS1
71	BSD	↓	↓		5						-
72	Blank	-	-		6						-
73	MB	-	-	↓	7		↓		↓		✓ MB1
74	MC36816-1	3	MC36841	RCP	8		10.00		25X		✓
75	MC36819-1	1			9		1.032		500X		RR 200X
76	Blank (mm)	-			10		-		50X		-
77	MC36819-1 Blank	+			11		1.032		200X		✓ Matrix
78	MC36816-2	4			12		9.41		25X		Run low
79	-7	4			13		10.10				Run low
80	-8	4			14		9.46				Run low
81	-9	4			15		9.74				Run low
82	-10	4			16		6.64				Run low
83	-15	4			17		13.52				Run low
84	MC36777-15A	4			18		10.01				Run low
85	-18A	4			19		9.37				Run low
86	MC36816-11	4			20		10.77		↓		Run low
87	Blank	-	-	-	21	↓	↓	↓	50X	↓	Run low

MTX = Matrix: Designate W for water, S for soil, O for oil.

Sample amount is reported in grams (wet) for soil and oil, mls for water.

MS001-05 Date: 07/22/13

Review: *JM*

VOLATILE ORGANICS BY GC/MS ANALYSIS LOG

Standards Data

Lot #	Description	Conc
MS 10074	V8200 S6155	250 ug/ml
10075	CCM, X	200 ug/ml
10096	CCGAS	
10090	BS MIX	
10095	BS GAS	

Daily Saved File

Tune file 1:	U25634
Tune file 2:	
Initial Cal:	1-15-15
ID File:	U150115 W.M
ICAL Verified:	GK
Sequence verified:	U25649

Date: 1-15-15

Batch ID: MSU 1085

Analysts GK

Signature: *[Signature]*

*Note: If sample matrix is soil - method SW846 5035 used for preparation. SW846 5030 is purge and trap method for soil and water

pH paper LOT#202513 exp: 1/15/2016

Data File	Sample ID	Bot No.	Work Group	Test	ALS #	*MTX	Samp Amt.	% Sol	Dil. Fact.	pH	Comments
U25634	3fb	—	—	V8200	17	W.	5ml	—	1X	—	✓ 4:26pm
	35 blk	↓	↓		18						
	36 ic 1085-0.5	1.1	MS10075 10096		19						✓
	37 -1				20						✓
	38 -2				21						✓
	39 -5				22						✓
	40 -10				23						✓
	41 -25				24						✓
	42 ICC -50				25						✓
	43 100				26						✓
	44 200				27						✓
	45 + 400	↓	↓		28						✓
	46 blk	—	—		29						
	47 icv 1085-50	↓	↓		30						
	48 ↓	1.1	MS10093 10095		31						
	49 blk ↓	↓	↓		32						✓ (ICV)
	50 MB	—	—		33						
	51 MB	↓	↓		34						MDL-1
	52	1.1			35						1
	53				36						2
	54				37						1
	55				38						1
	56				39						1
	57				40						1
	58				41						1
	59				42						5
	60				43						5
	61				44						5
	62				45						5
	63				46						5
	64	↓	↓		47	↓	↓	↓	↓	↓	5

MTX = Matrix: Designate W for water, S for soil, O for oil.

Sample amount is reported in grams (wet) for soil and oil, mls for water.

MS001-05 Date: 07/22/13

Review: *[Signature]*

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Accutest Laboratories of New England, Inc.

Instrument: GCMS U

VOLATILE ORGANICS BY GC/MS ANALYSIS LOG

Standards Data

Lot #	Description	Conc
MS10074	V8260 IS/SS	2550µg/ml
10075	CCMX	2000µg/ml
10096	CCYUS	
10093	BSmix	
10095	BSYUS	

Daily Saved File

Tune file 1:	U25670
Tune file 2:	VJA
Initial Cal:	1-15-15
ID File:	U15015w.m
ICAL Verified:	U25649
Sequence verified:	T

Date: 1-16-15

Batch ID: MSU 1085

Analysts GK

Signature:

*Note: If sample matrix is soil - method SW846 5035 used for preparation. SW846 5030 is purge and trap method for soil and water

pH paper LOT#202513 exp: 1/15/2016

Data File	Sample ID	Bot No.	Work Group	Test	ALS #	*MTX	Samp Amt.	% Sol	Dil. Fact.	pH	Comments
U25668	blk	—	—	V8260	1	W	5ml	—	1X	—	
69	CC1085-50	1,1	MS10075 10096		2						
70	bs	1	MS10093 10095		3						11:47am
71	bsd	↓	↓		4						
72	blk	—	—		5						
73	MB	↓	↓		6						✓
74	MC36357-3	11	MS33725	SL	7					2	X mp/rms
75	1	4			8						✓
76	2	8			9						✓
77	4	7			10						✓
78	MC36356-1	8			11						✓
79	2	7			12						✓
80	3	↓			13						
81	4	2			14						15 clean c/o 1X
82	MC36357-3	8			15				25X		✓
83	3	MS223			16				1X		✓
84	3	MS28			17						✓
85	blk	—			18						
86					19						
87					20						
88		↓			21						
89	D66603-1	2		HSL	22					2	✓
90	2	1			23						✓
91	3	3			24						✓
92	4	2			25						✓
93	5	↓			26						✓
94	6	1			27						✓
95	ECC 1085-50	1,1	MS10093 10095	V8260	28						✓
96	blk	—			29						11:26pm
97	↓	↓	↓	↓	30	↓	↓	↓	↓	↓	

MTX = Matrix: Designate W for water, S for soil, O for oil.

Sample amount is reported in grams (wet) for soil and oil, mls for water.

MS001-05 Date: 07/22/13

Review:

Standards Data

Lot #	Description	Conc
MS 10098	V8260 IS/SS	250 µg/ml
10075	CC mix	200 µg/ml
10096	CC GAS	↓
10093	BS mix	↓
10095	BS GAS	↓

Daily Saved File

Tune file 1:	U26139
Tune file 2:	
Initial Cal:	1-15-15
ID File:	U150115w.m
ICAL Verified:	U25644
Sequence verified:	JMM

Date: 2-10-15Batch ID: MSU 1100Analysts GKSignature: [Signature]

*Note: If sample matrix is soil - method SW846 5035 used for preparation. SW846 5030 is purge and trap method for soil and water

Data File	Sample ID	Bot No.	Work Group	Test	ALS #	*MTX	Samp Amt.	% Sol	Dil. Fact.	exp: pH	Comments
U26138	blk	—	—	—	1	W	5mL	—	1x	—	
39	CC1085-50	2, 2	MS10075 10096	—	2	—	—	—	—	—	✓ 9:45am
40	bs	↓	MS10093 10095	—	3	—	—	—	—	—	✓
41	bsd	↓	↓	—	4	—	—	—	—	—	
42	blk	—	—	—	5	—	—	—	—	—	
43	MB	↓	↓	—	6	—	—	—	—	—	
44	MC36775-5	1	MS33843	STD mibc	7	—	—	—	—	—	✓
45	MC36792-9	↓	↓	STAR	8	—	—	—	—	—	✓
46	gp18807-1b1	—	MS33844	TCLP	9	—	—	—	10x	—	✓
47	MC36792-6	2	MS33843	STAR	10	—	—	—	1x	52	✓
48	MC36775-4	3	↓	STD mibc	11	—	—	—	—	—	✓
49	MC36790-1	1	↓	BTXM	12	—	—	—	—	—	✓
50	↓ -4	↓	↓	↓	13	—	—	—	—	—	✓
51	MC36786-1	—	MS33844	TCLP	14	S	—	—	100x	—	✓
52	MC36727-1	↓	↓	↓	15	↓	—	—	↓	↓	✓
53	MC36775-4 ^{MSD}	4	MS33843	STD + mibc	16	W	—	—	5x	52	✓
54	↓ -4 ^{MSD}	↓	↓	↓	17	—	—	—	↓	↓	✓
55	gp18807-1b1	—	MS33844	TCLP	18	—	—	—	100x	—	✓
56	blk	↓	—	—	19	—	—	—	1x	↓	✓
57	MC36636-1	2	MS33793	RCP	20	—	—	—	50x	52	✓
58	↓ 2	1	↓	↓	21	—	—	—	↓	—	✓
59	MC36790-2	2	MS33843	BTXM	22	—	—	—	1x	—	✓
60	↓ 5	↓	↓	↓	23	—	—	—	10x	—	✓
61	↓ 3	3	↓	↓	24	—	—	—	100x	—	✓
62	↓ -8	↓	↓	↓	25	—	—	—	1x	—	25x ^{equiv} Diluted
63	↓ -7	2	↓	↓	26	—	—	—	—	—	✓
64	↓ -6	3	↓	↓	27	—	—	—	—	—	✓
65	blk	—	—	—	28	—	—	—	—	—	✓ 9:19pm
66	↓ 2	↓	↓	↓	29	—	—	—	—	—	
67	↓ 3	↓	↓	↓	30	—	—	—	—	—	

MTX = Matrix: Designate W for water, S for soil, O for oil.

Sample amount is reported in grams (wet) for soil and oil, mls for water.

MS001-06 Date: 11/20/14

Review: [Signature]

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General Chemistry

QC Data Summaries

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Includes the following where applicable:

- Percent Solids Raw Data Summary

Percent Solids Raw Data Summary

Page 1 of 2

Job Number: MC36792

Account: SUNOCOSS Sunoco

Project: MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY

Sample: MC36792-1 **Analyzed:** 11-FEB-15 by HS **Method:** SM 2540G-97 MOD
ClientID: SB110(5'-6')

Wet Weight (Total)	34.715	g
Tare Weight	24.137	g
Dry Weight (Total)	33.56	g
Solids, Percent	89.1	%

Sample: MC36792-2 **Analyzed:** 11-FEB-15 by HS **Method:** SM 2540G-97 MOD
ClientID: SB110(10'-11.5')

Wet Weight (Total)	37.53	g
Tare Weight	26.644	g
Dry Weight (Total)	36.604	g
Solids, Percent	91.5	%

Sample: MC36792-3 **Analyzed:** 11-FEB-15 by HS **Method:** SM 2540G-97 MOD
ClientID: SB108(5'-6')

Wet Weight (Total)	36.207	g
Tare Weight	21.156	g
Dry Weight (Total)	34.067	g
Solids, Percent	85.8	%

Sample: MC36792-4 **Analyzed:** 11-FEB-15 by HS **Method:** SM 2540G-97 MOD
ClientID: SB108(11'-11.5')

Wet Weight (Total)	29.392	g
Tare Weight	18.663	g
Dry Weight (Total)	28.118	g
Solids, Percent	88.1	%

Sample: MC36792-5 **Analyzed:** 11-FEB-15 by HS **Method:** SM 2540G-97 MOD
ClientID: SB111(6.5'-8.5')

Wet Weight (Total)	29.977	g
Tare Weight	17.591	g
Dry Weight (Total)	28.515	g
Solids, Percent	88.2	%

Sample: MC36792-7 **Analyzed:** 11-FEB-15 by HS **Method:** SM 2540G-97 MOD
ClientID: SB109(6.5'-8.5')

Wet Weight (Total)	37.703	g
Tare Weight	26.898	g
Dry Weight (Total)	36.313	g
Solids, Percent	87.1	%

8.1
8

Percent Solids Raw Data Summary

Job Number: MC36792
Account: SUNOCOSS Sunoco
Project: MATNYOP: DUNS#00030387, Former Sunoco Station, 905 Elmwood Avenue, Buffalo, NY

Sample:	MC36792-8	Analyzed:	11-FEB-15 by HS	Method:	SM 2540G-97 MOD
ClientID:	SBXT				
Wet Weight (Total)	42.416	g			
Tare Weight	28.25	g			
Dry Weight (Total)	40.651	g			
Solids, Percent	87.5	%			

8.1
8