

Data File : VU033117.D
Acq On : 01 Jul 2019 15:53
Operator : JC/SP
Sample : K3599-04
Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM13

Quant Time: Jul 02 04:21:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 02 04:16:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	215816	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	219810	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	107999	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	59569	40.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.78%
7) Chloroethane-d5	1.64	69	39565	33.64	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	67.28%#
11) 1,1-Dichloroethene-d2	2.22	63	104145	35.05	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.10%
21) 2-Butanone-d5	4.19	46	145669	118.66	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.66%
24) Chloroform-d	4.63	84	146225	51.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.30	65	105287	55.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.26%
32) Benzene-d6	5.32	84	277114	48.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.72%
36) 1,2-Dichloropropane-d6	6.32	67	93893	51.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.88%
41) Toluene-d8	7.56	98	250591	46.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	7.85	79	43430	45.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.48%
47) 2-Hexanone-d5	8.32	63	89079	104.51	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.51%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	147249	52.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.36%
64) 1,2-Dichlorobenzene-d4	11.86	152	105156	50.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.64%

Target Compounds

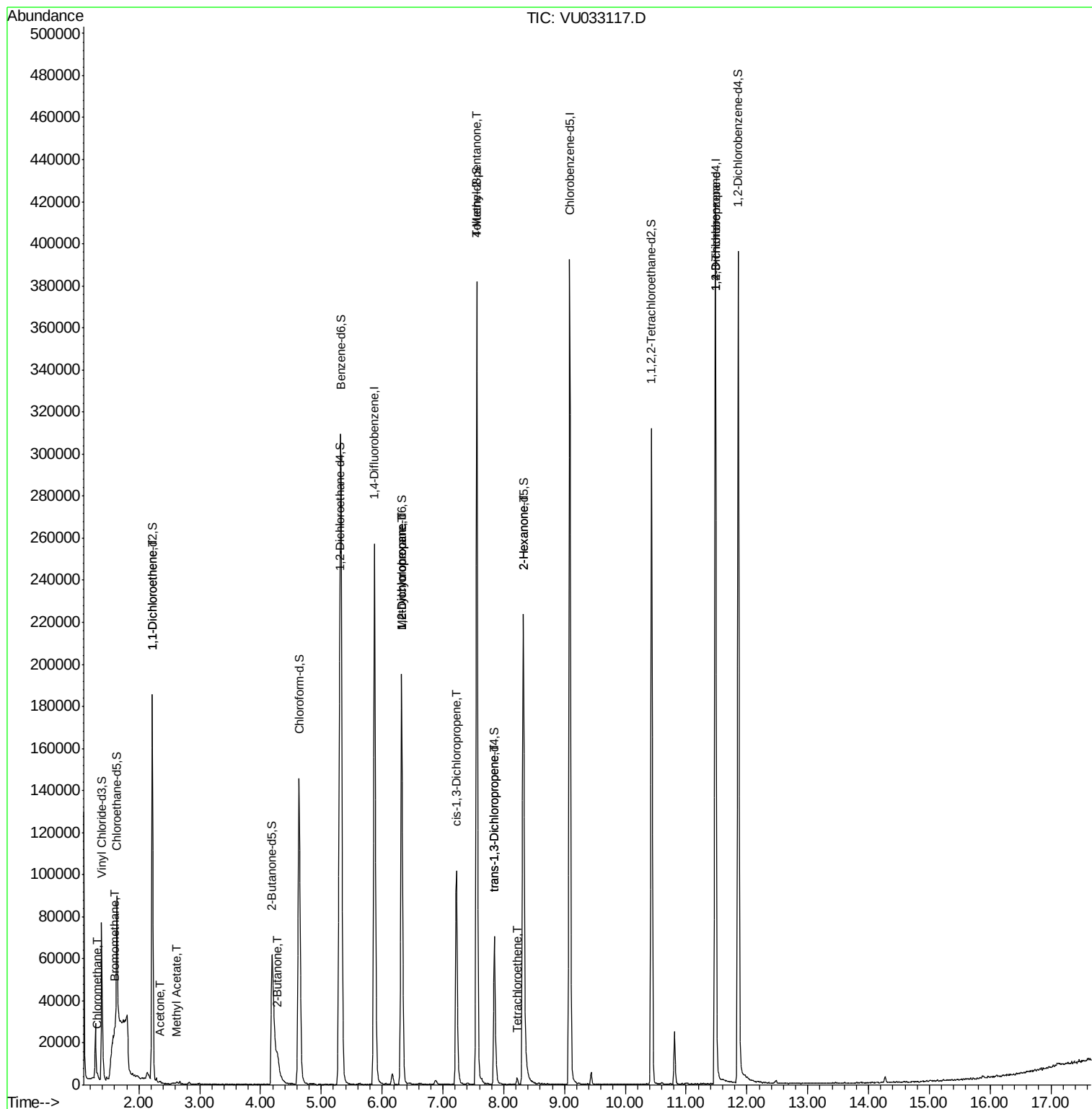
					Qvalue
3) Chloromethane	1.32	50	1590	0.805 ug/L	97
6) Bromomethane	1.60	94	772	0.669 ug/L	76
12) 1,1-Dichloroethene	2.22	96	788	0.580 ug/L #	1
13) Acetone	2.35	43	1335	0.787 ug/L	64
15) Methyl Acetate	2.62	43	1470	0.765 ug/L #	67
22) 2-Butanone	4.29	43	13061	7.432 ug/L	75
35) Methylcyclohexane	6.32	83	21148	8.087 ug/L #	18
37) 1,2-Dichloropropane	6.32	63	10888	6.268 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	3089	1.141 ug/L	83
40) 4-Methyl-2-pentanone	7.55	43	1375	0.496 ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	2221	0.874 ug/L	84
46) Tetrachloroethene	8.22	164	639	0.461 ug/L #	64
48) 2-Hexanone	8.32	43	12866	5.258 ug/L #	67
59) 1,2,3-Trichloropropane	11.48	75	13192	5.691 ug/L #	86

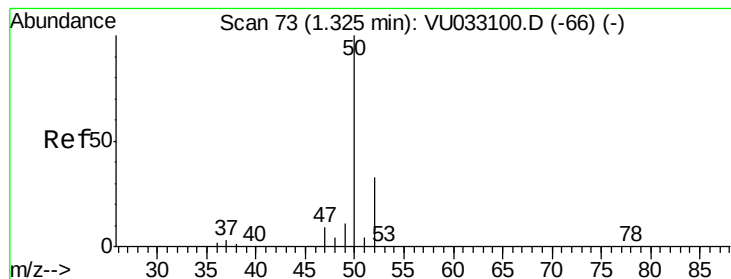
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU033117.D
Acq On : 01 Jul 2019 15:53
Operator : JC/SP
Sample : K3599-04
Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM13

Quant Time: Jul 02 04:21:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 02 04:16:18 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.805 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.01 min

Lab File: VU033117.D

Acq: 01 Jul 2019 15:53

Instrument :

MSVOA_U

ClientSampleId :

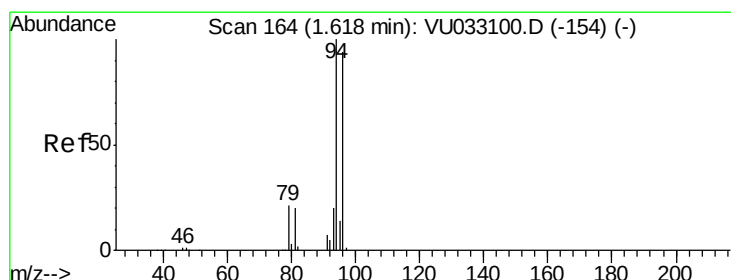
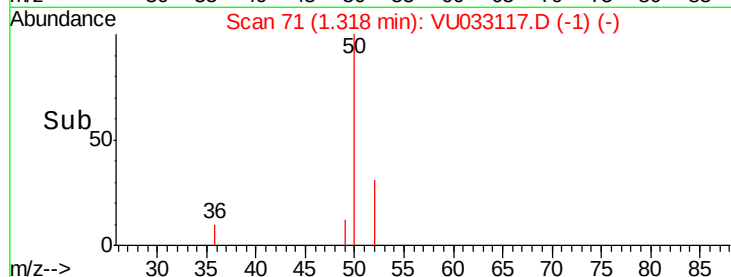
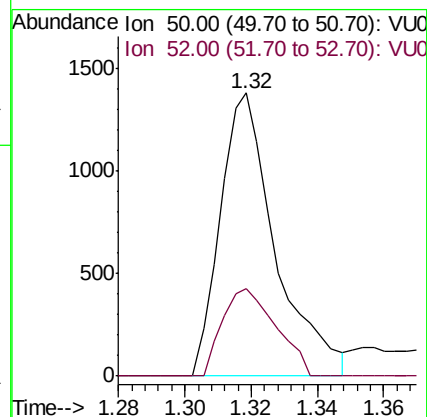
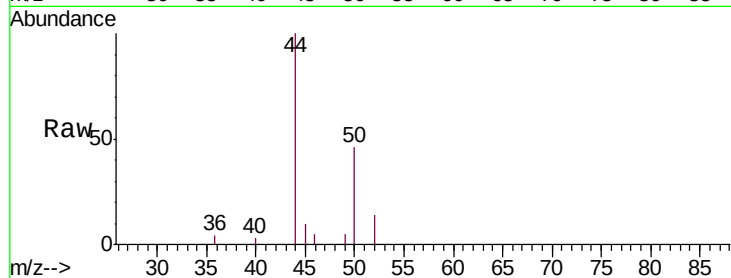
GAM13

Tgt Ion: 50 Resp: 1590

Ion Ratio Lower Upper

50 100

52 30.9 23.0 42.6



#6

Bromomethane

Concen: 0.669 ug/L

RT: 1.60 min Scan# 158

Delta R.T. -0.02 min

Lab File: VU033117.D

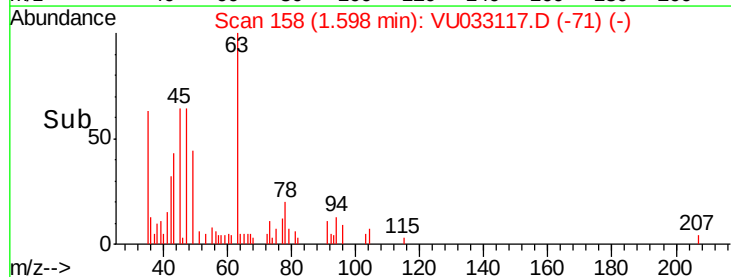
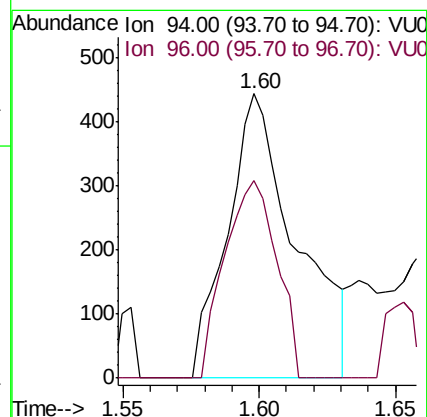
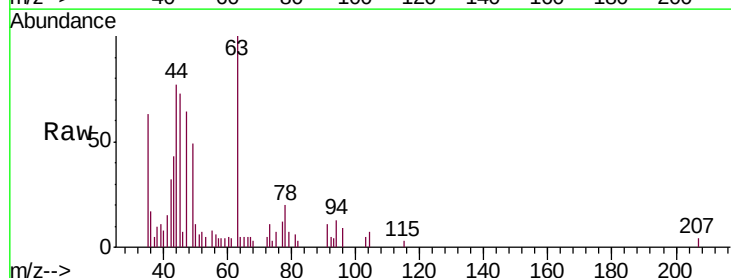
Acq: 01 Jul 2019 15:53

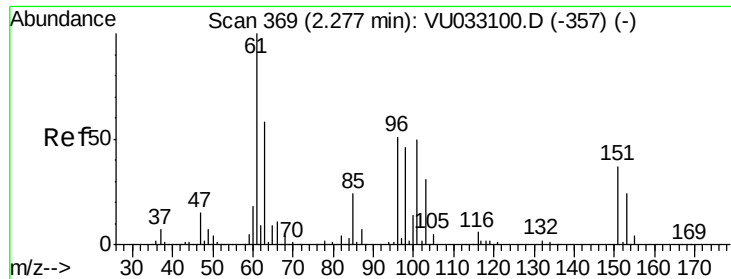
Tgt Ion: 94 Resp: 772

Ion Ratio Lower Upper

94 100

96 69.5 64.8 120.4





#12

1,1-Dichloroethene

Concen: 0.580 ug/L

RT: 2.22 min Scan# 352

Delta R.T. -0.05 min

Lab File: VU033117.D

Acq: 01 Jul 2019 15:53

Instrument :

MSVOA_U

ClientSampleId :

GAM13

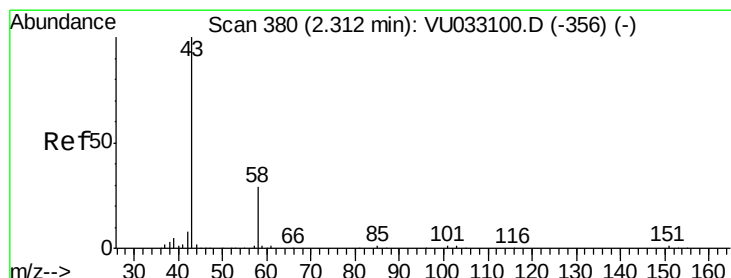
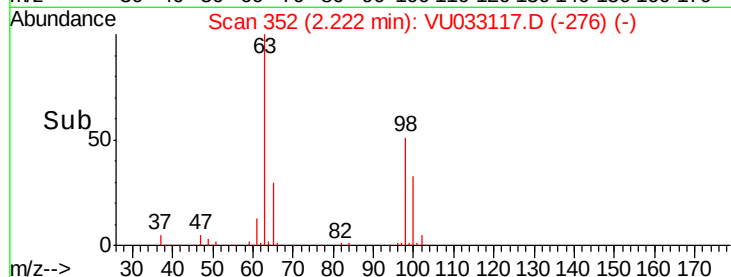
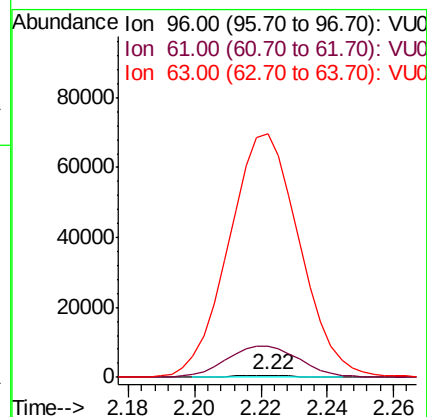
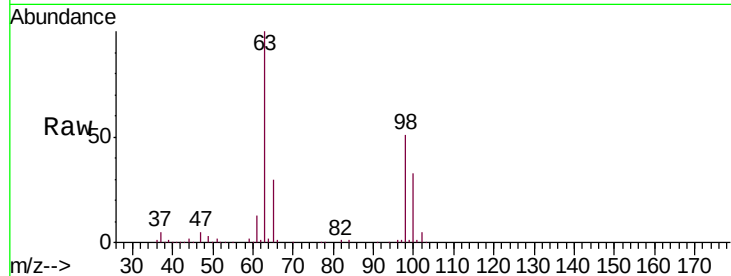
Tgt Ion: 96 Resp: 788

Ion Ratio Lower Upper

96 100

61 1599.5 131.0 243.4#

63 12663.3 101.0 187.6#



#13

Acetone

Concen: 0.787 ug/L

RT: 2.35 min Scan# 391

Delta R.T. 0.04 min

Lab File: VU033117.D

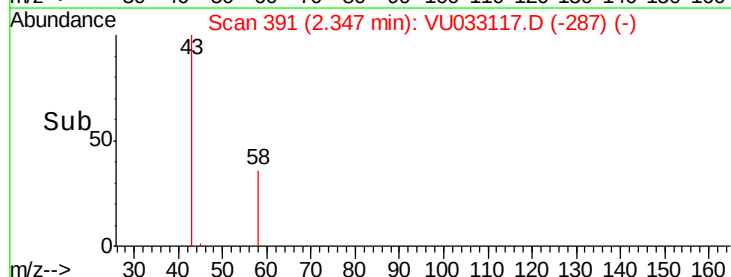
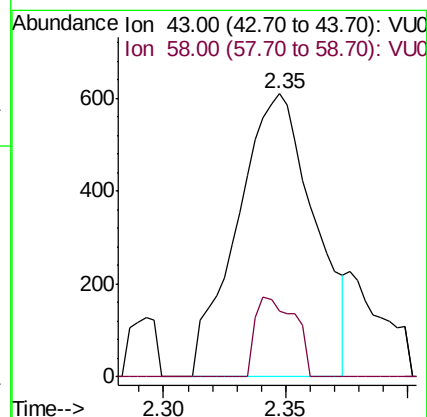
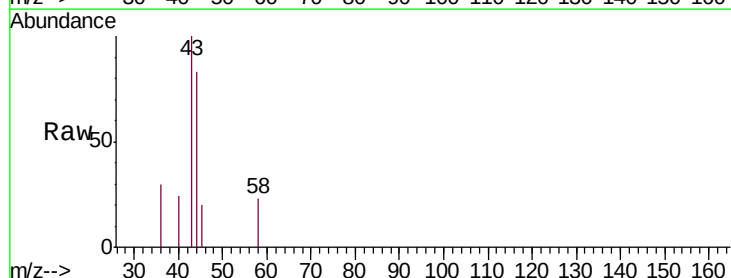
Acq: 01 Jul 2019 15:53

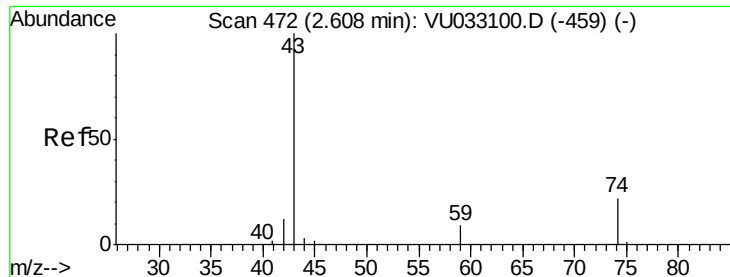
Tgt Ion: 43 Resp: 1335

Ion Ratio Lower Upper

43 100

58 10.7 0.0 60.6

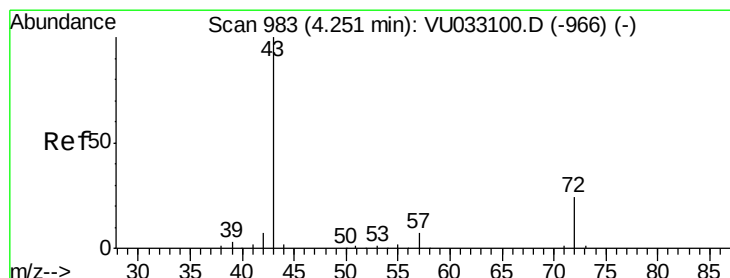
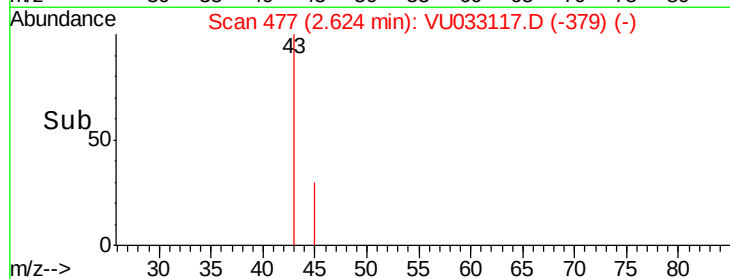
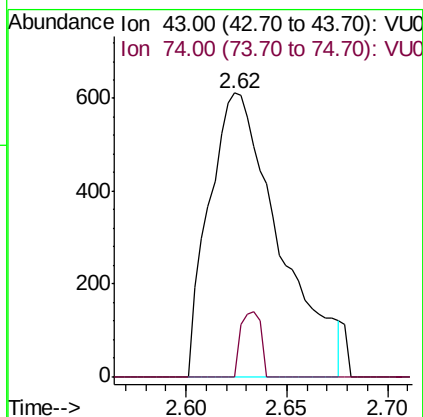
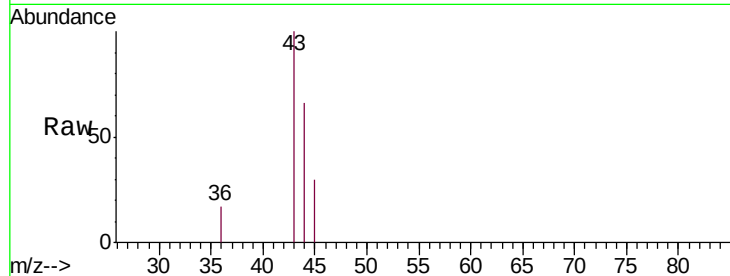




#15
Methyl Acetate
Concen: 0.765 ug/L
RT: 2.62 min Scan# 477
Delta R.T. 0.02 min
Lab File: VU033117.D
Acq: 01 Jul 2019 15:53

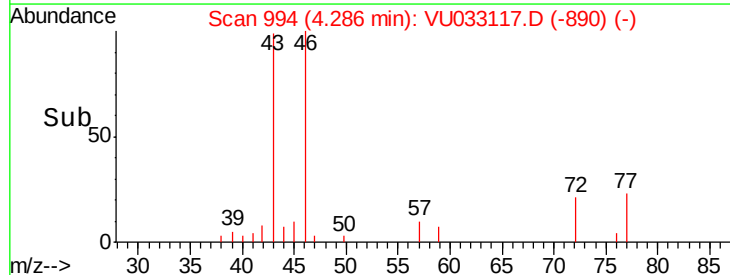
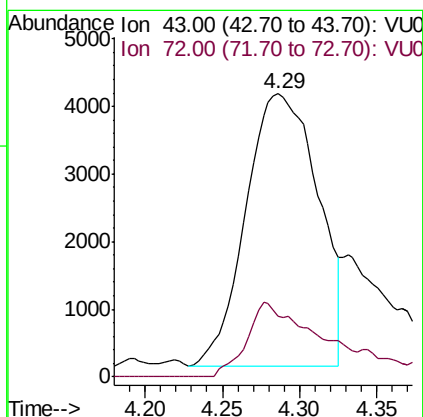
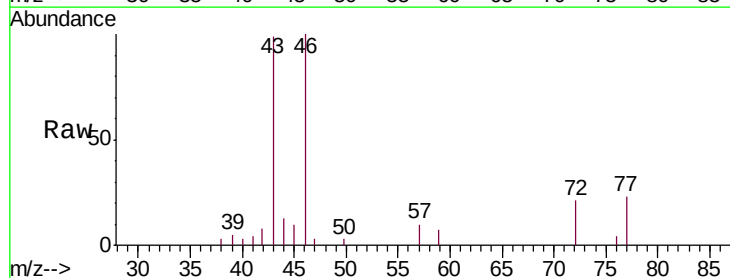
Instrument :
MSVOA_U
ClientSampleId :
GAM13

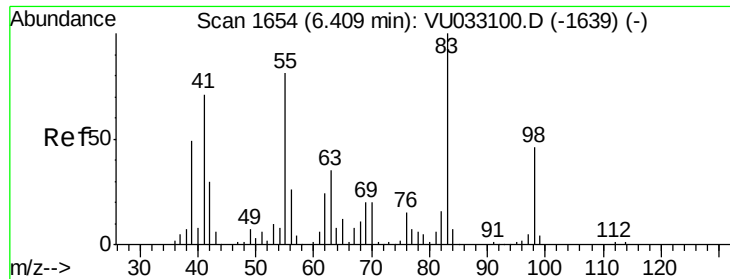
Tgt Ion: 43 Resp: 1470
Ion Ratio Lower Upper
43 100
74 6.7 18.1 27.1#



#22
2-Butanone
Concen: 7.432 ug/L
RT: 4.29 min Scan# 994
Delta R.T. 0.04 min
Lab File: VU033117.D
Acq: 01 Jul 2019 15:53

Tgt Ion: 43 Resp: 13061
Ion Ratio Lower Upper
43 100
72 13.0 12.9 38.6

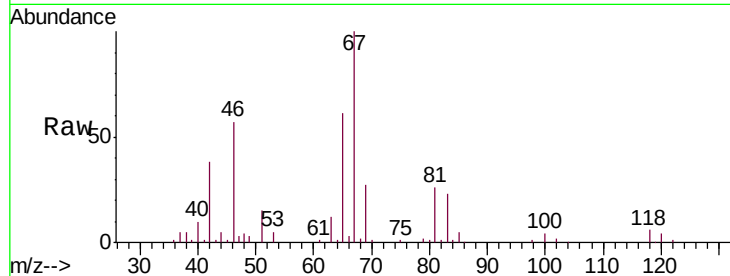




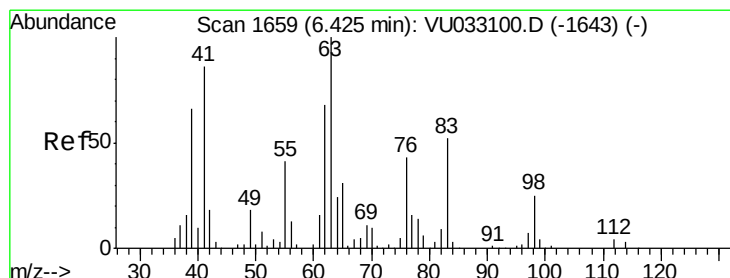
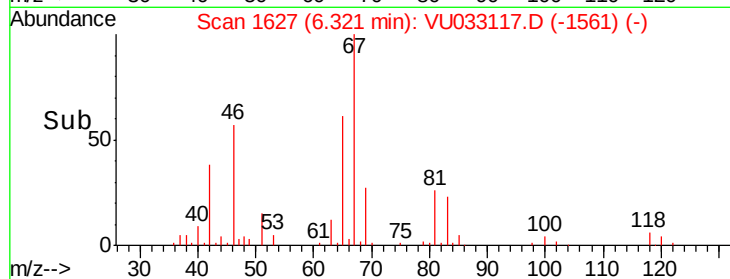
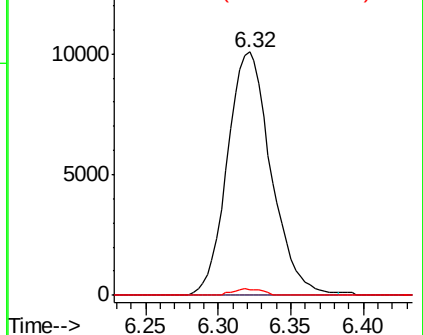
#35
Methylcyclohexane
Concen: 8.087 ug/L
RT: 6.32 min Scan# 1627
Delta R.T. -0.09 min
Lab File: VU033117.D
Acq: 01 Jul 2019 15:53

Instrument :
MSVOA_U
ClientSampleId :
GAM13

Tgt Ion: 83 Resp: 21148
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 1.7 37.4 56.0#

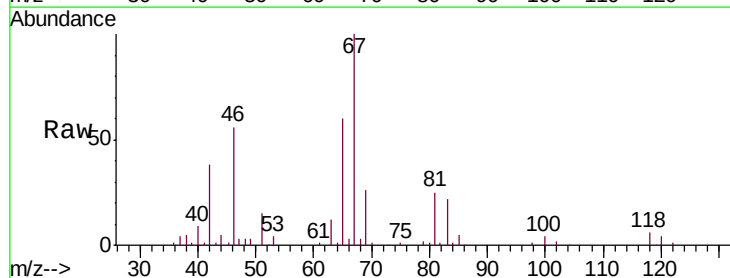


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

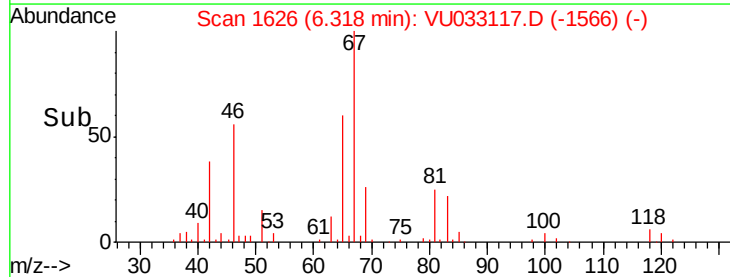
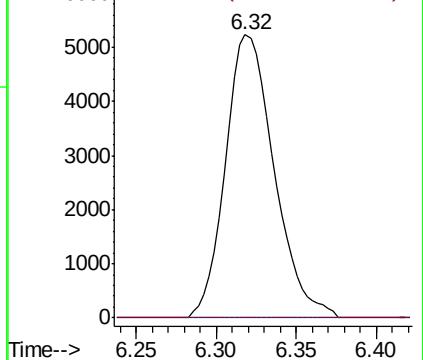


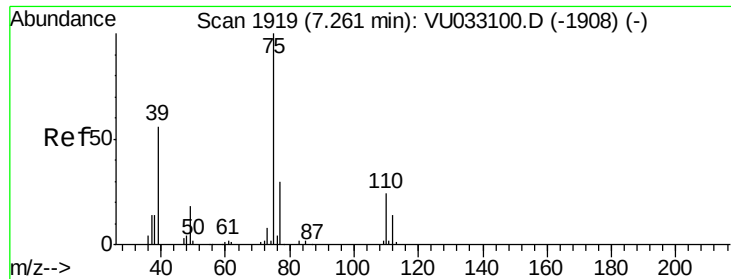
#37
1,2-Dichloropropane
Concen: 6.268 ug/L
RT: 6.32 min Scan# 1626
Delta R.T. -0.11 min
Lab File: VU033117.D
Acq: 01 Jul 2019 15:53

Tgt Ion: 63 Resp: 10888
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V

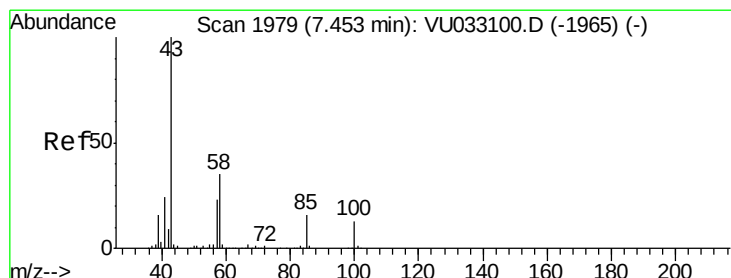
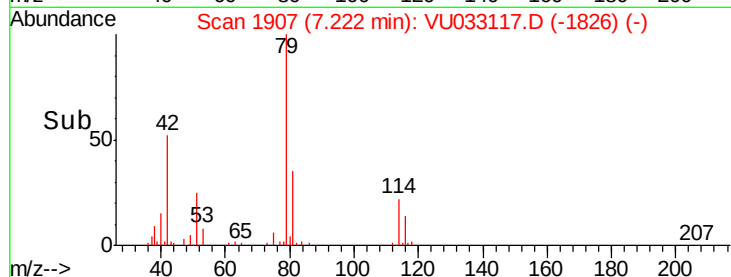
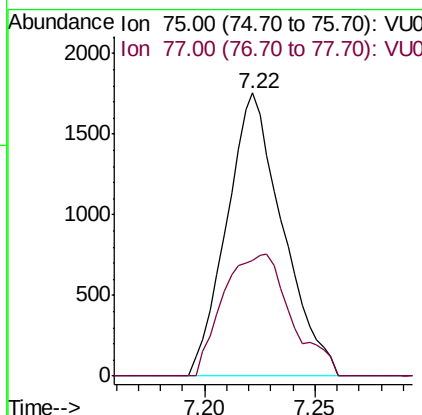
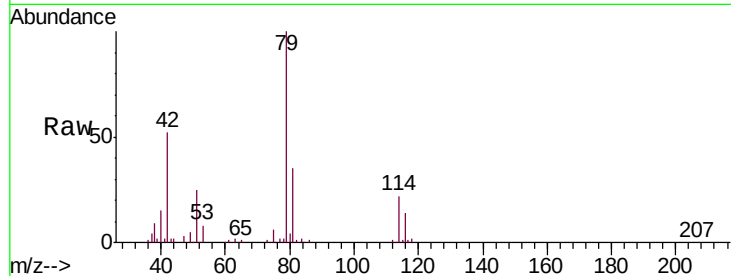




#39
 cis-1,3-Dichloropropene
 Concen: 1.141 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU033117.D
 Acq: 01 Jul 2019 15:53

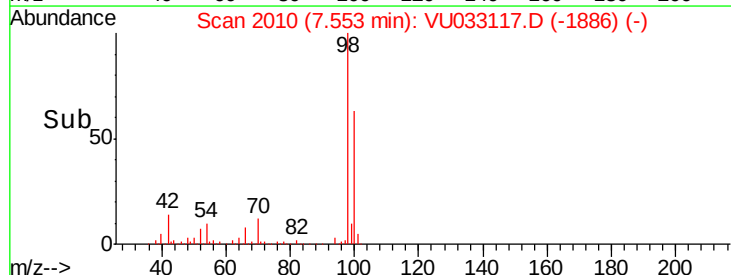
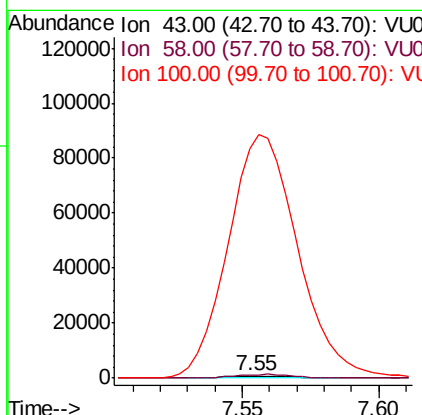
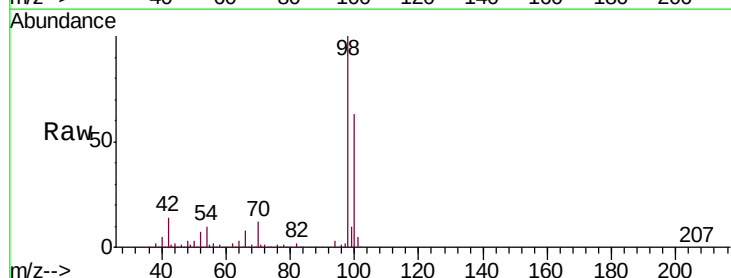
Instrument :
 MSVOA_U
 ClientSampleId :
 GAM13

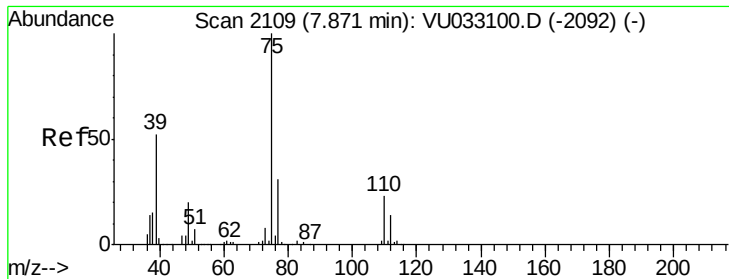
Tgt Ion: 75 Resp: 3089
 Ion Ratio Lower Upper
 75 100
 77 40.7 21.9 40.7



#40
 4-Methyl-2-pentanone
 Concen: 0.496 ug/L
 RT: 7.55 min Scan# 2010
 Delta R.T. 0.10 min
 Lab File: VU033117.D
 Acq: 01 Jul 2019 15:53

Tgt Ion: 43 Resp: 1375
 Ion Ratio Lower Upper
 43 100
 58 162.5 29.4 44.2#
 100 11537.0 11.2 16.8#





#44

trans-1,3-Dichloropropene

Concen: 0.874 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.02 min

Lab File: VU033117.D

Acq: 01 Jul 2019 15:53

Instrument :

MSVOA_U

ClientSampleId :

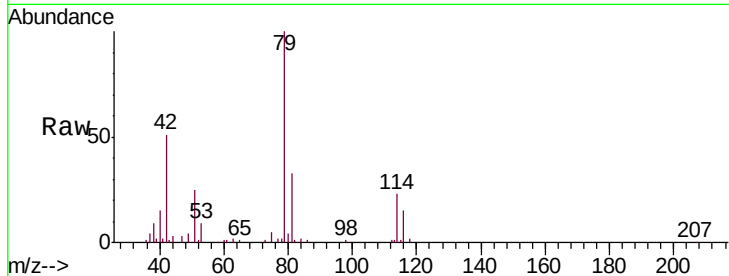
GAM13

Tgt Ion: 75 Resp: 2221

Ion Ratio Lower Upper

75 100

77 40.1 21.8 40.4



Abundance Ion 75.00 (74.70 to 75.70): VU033117.D (-2102) (-)

Ion 77.00 (76.70 to 77.70): VU033117.D (-2102) (-)

7.85

1200

1000

800

600

400

200

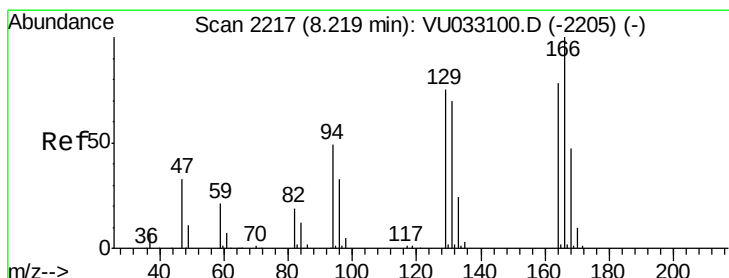
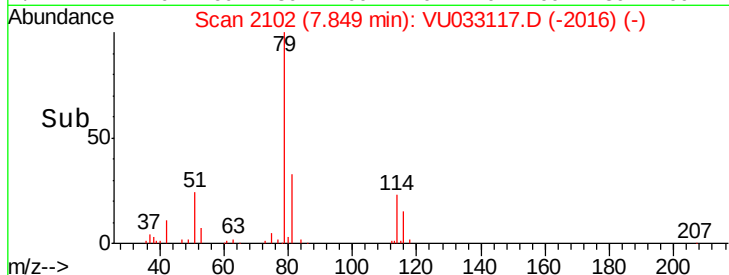
0

7.80

7.85

7.90

Time-->



#46

Tetrachloroethene

Concen: 0.461 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.01 min

Lab File: VU033117.D

Acq: 01 Jul 2019 15:53

Tgt Ion: 164 Resp: 639

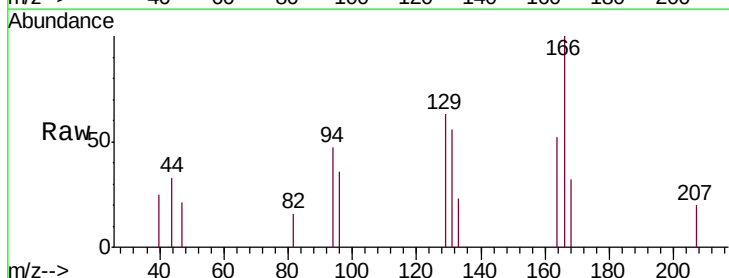
Ion Ratio Lower Upper

164 100

129 122.1 64.8 120.3#

131 108.7 64.5 119.7

166 192.7 91.3 169.6#



Abundance Ion 164.00 (163.70 to 164.70): VU033117.D (-2219) (-)

Ion 129.00 (128.70 to 129.70): VU033117.D (-2219) (-)

Ion 131.00 (130.70 to 131.70): VU033117.D (-2219) (-)

Ion 166.00 (165.70 to 166.70): VU033117.D (-2219) (-)

1000

800

600

400

200

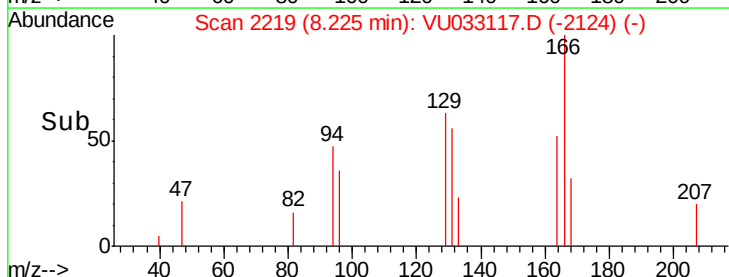
0

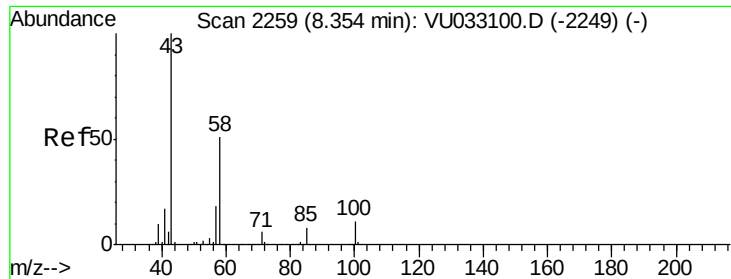
8.20

8.22

8.24

Time-->

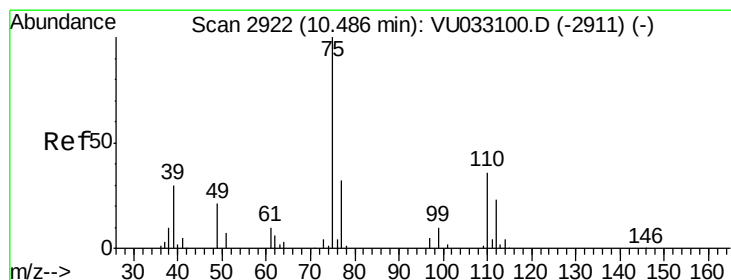
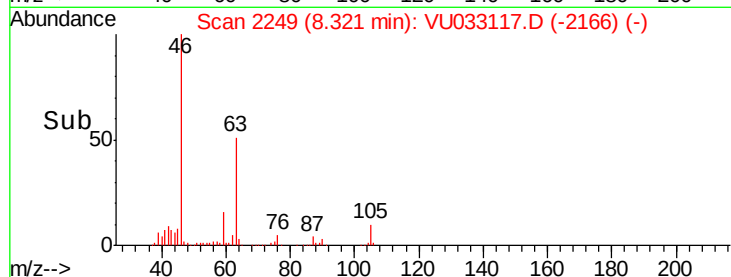
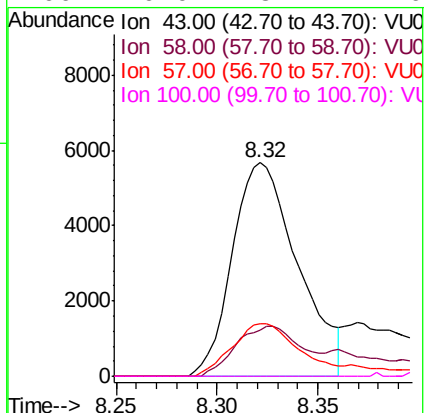
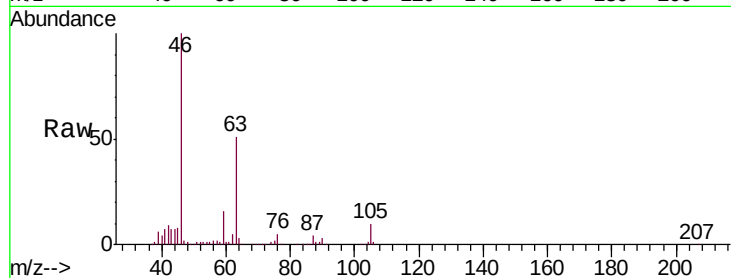




#48
 2-Hexanone
 Concen: 5.258 ug/L
 RT: 8.32 min Scan# 2249
 Delta R.T. -0.03 min
 Lab File: VU033117.D
 Acq: 01 Jul 2019 15:53

Instrument :
 MSVOA_U
 ClientSampleId :
 GAM13

Tgt Ion: 43 Resp: 12866
 Ion Ratio Lower Upper
 43 100
 58 23.1 40.2 60.2#
 57 25.0 14.2 21.4#
 100 0.0 8.4 12.6#



#59
 1,2,3-Trichloropropane
 Concen: 5.691 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 1.00 min
 Lab File: VU033117.D
 Acq: 01 Jul 2019 15:53

Tgt Ion: 75 Resp: 13192
 Ion Ratio Lower Upper
 75 100
 77 39.6 25.5 38.3#

