

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090118\
 Data File : VW005069.D
 Acq On : 01 Sep 2018 06:59
 Operator : SY/AP
 Sample : J4654-01RE
 Misc : 2.96G/5ML/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-03-1.5-2RE

Quant Time: Sep 03 23:53:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	305830	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	401656	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	248555	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	38117	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	143990	56.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.60%	
35) Dibromofluoromethane	7.89	113	147273	63.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	126.90%	
50) Toluene-d8	10.33	98	346169	32.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.74%	
62) 4-Bromofluorobenzene	12.63	95	41863	11.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	22.20%	

Target Compounds

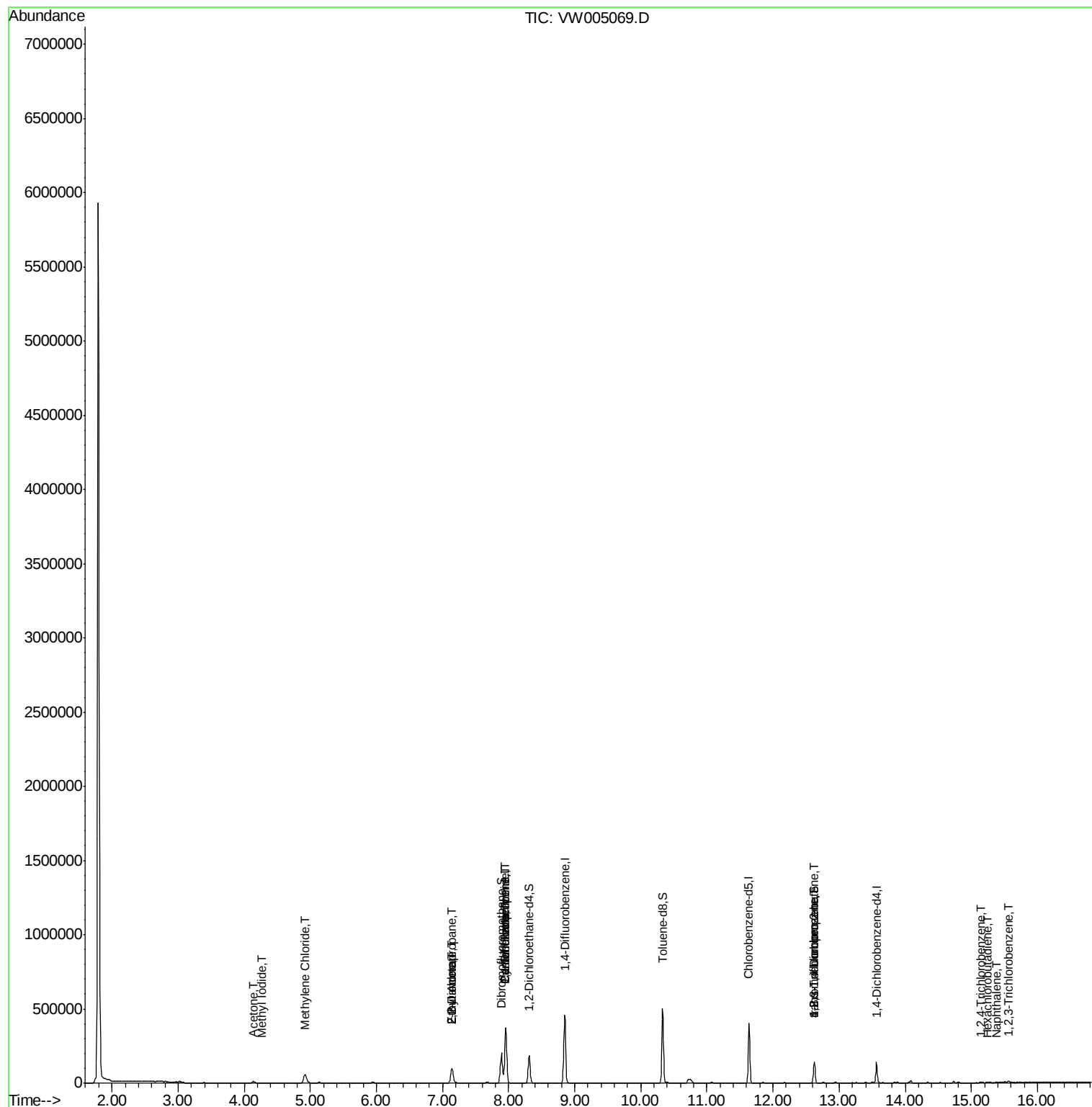
					Qvalue	
5) Bromomethane	2.78	94	812	Below Cal	#	20
10) Methyl Iodide	4.27	142	1091	4.070	ug/l #	75
11) Tert butyl alcohol	5.14	59	3833	Below Cal	#	72
16) Acetone	4.14	43	16760	32.964	ug/l #	82
20) Methylene Chloride	4.92	84	47259	10.700	ug/l	99
25) 2-Butanone	7.14	43	5247	5.950	ug/l #	80
26) 2,2-Dichloropropane	7.14	77	7004	1.676	ug/l #	51
31) Cyclohexane	7.95	56	5177	1.040	ug/l #	1
36) 1,1-Dichloropropene	7.96	75	20629	5.393	ug/l #	47
37) Ethyl Acetate	7.14	43	5247	3.668	ug/l #	1
38) Carbon Tetrachloride	7.95	117	27633	7.597	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	19314	67.504	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	19314	162.475	ug/l #	14
93) 1,2,4-Trichlorobenzene	15.15	180	2388	3.004	ug/l	94
94) Hexachlorobutadiene	15.25	225	877	1.774	ug/l #	52
95) Naphthalene	15.38	128	4064	6.701	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.56	180	2089	3.070	ug/l	96

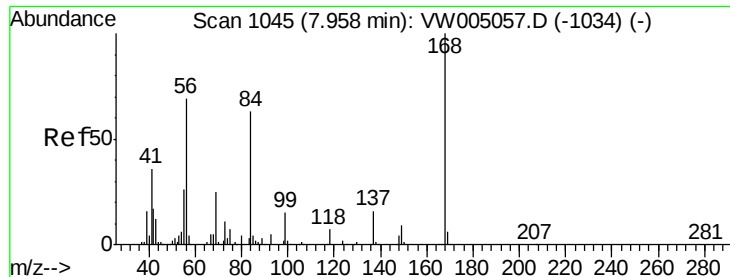
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW090118\
Data File : VW005069.D
Acq On : 01 Sep 2018 06:59
Operator : SY/AP
Sample : J4654-01RE
Misc : 2.96G/5ML/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-03-1.5-2RE

Quant Time: Sep 03 23:53:32 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005069.D

Acq: 01 Sep 2018 06:59

Instrument :

MSVOA_W

ClientSampleId :

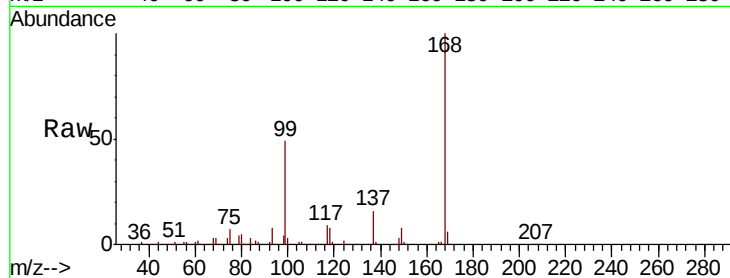
ENY-SB-03-1.5-2RE

Tgt Ion:168 Resp: 305830

Ion Ratio Lower Upper

168 100

99 49.0 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

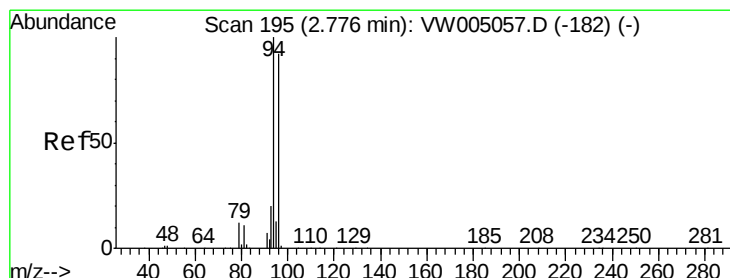
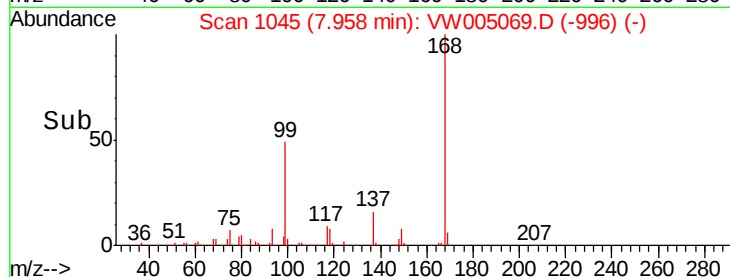
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 196

Delta R.T. 0.01 min

Lab File: VW005069.D

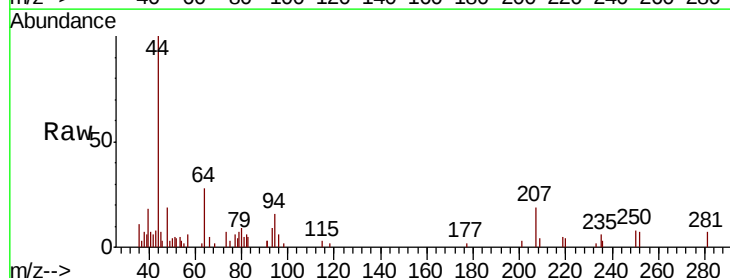
Acq: 01 Sep 2018 06:59

Tgt Ion: 94 Resp: 812

Ion Ratio Lower Upper

94 100

96 15.4 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.78

400

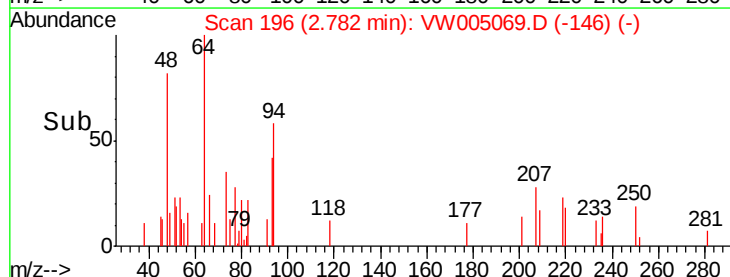
300

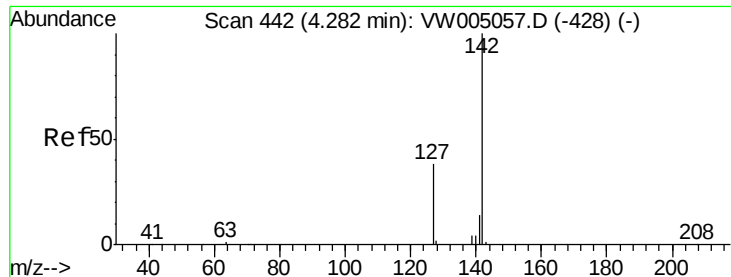
200

100

0

Time-->

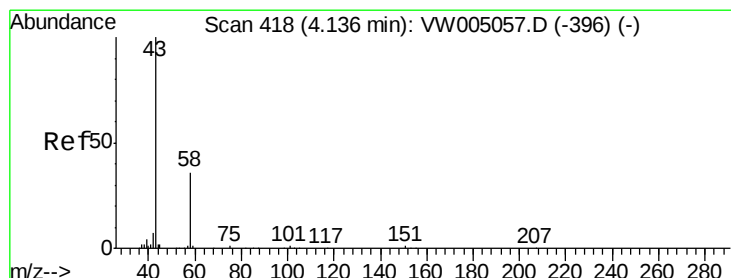
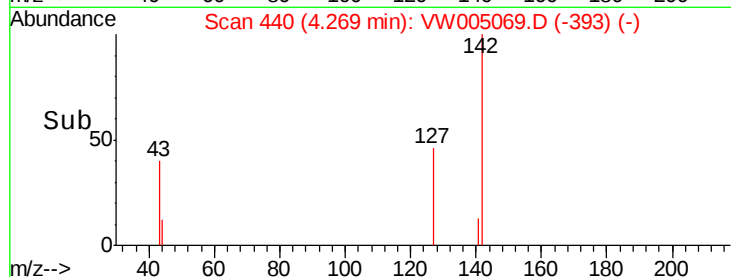
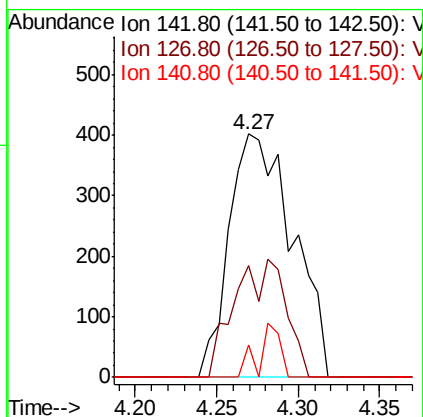
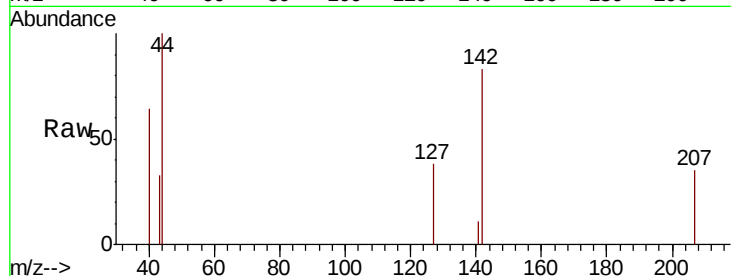




#10
Methyl Iodide
Concen: 4.070 ug/l
RT: 4.27 min Scan# 440
Delta R.T. -0.01 min
Lab File: VW005069.D
Acq: 01 Sep 2018 06:59

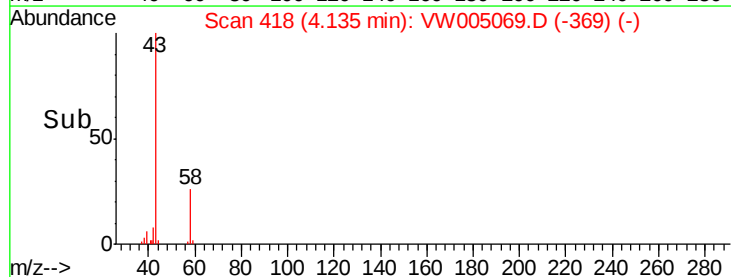
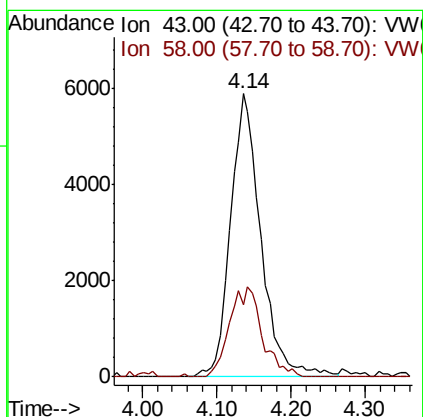
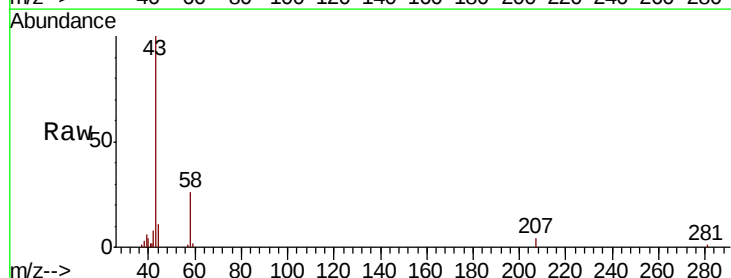
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-03-1.5-2RE

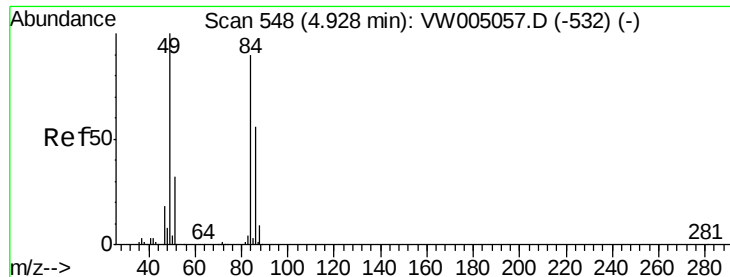
Tgt Ion:142 Resp: 1091
Ion Ratio Lower Upper
142 100
127 21.3 30.8 46.2#
141 7.2 11.6 17.4#



#16
Acetone
Concen: 32.964 ug/l
RT: 4.14 min Scan# 418
Delta R.T. -0.00 min
Lab File: VW005069.D
Acq: 01 Sep 2018 06:59

Tgt Ion: 43 Resp: 16760
Ion Ratio Lower Upper
43 100
58 25.7 29.0 43.6#

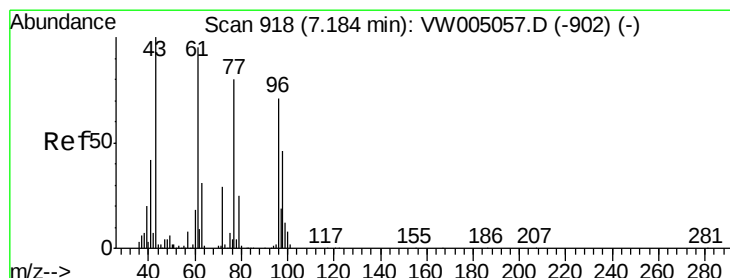
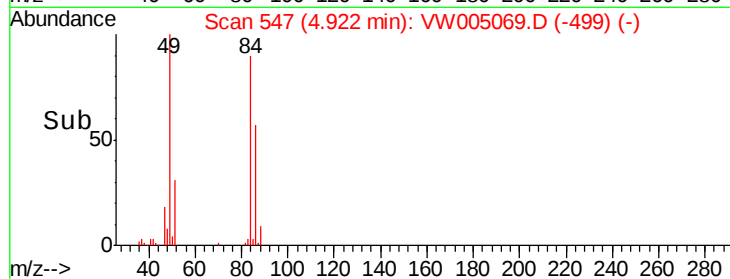
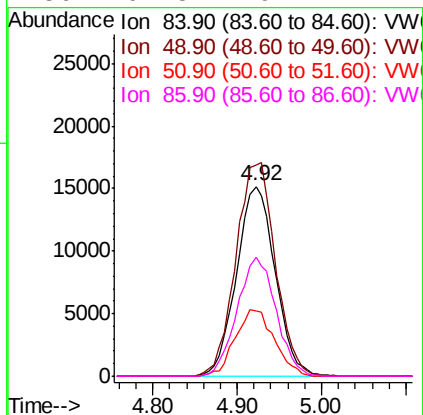
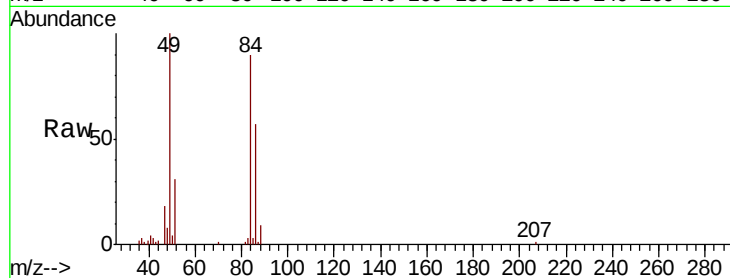




#20
Methylene Chloride
Concen: 10.700 ug/l
RT: 4.92 min Scan# 547
Delta R.T. -0.01 min
Lab File: VW005069.D
Acq: 01 Sep 2018 06:59

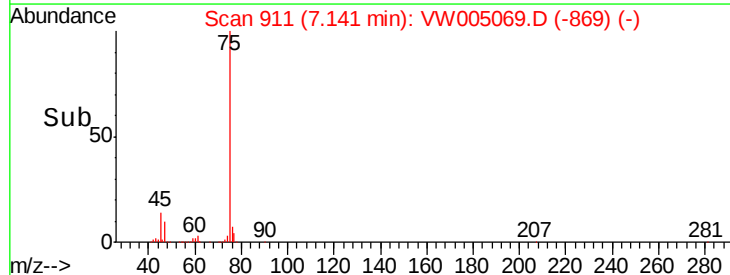
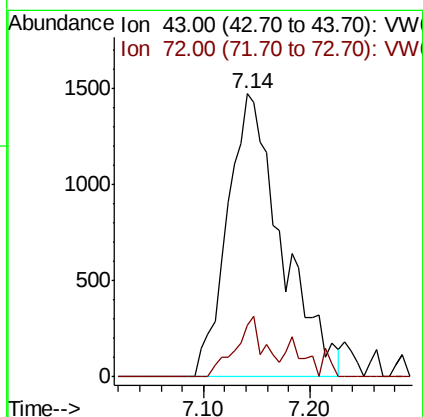
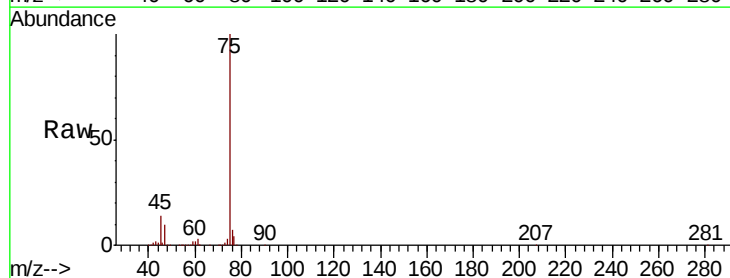
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-03-1.5-2RE

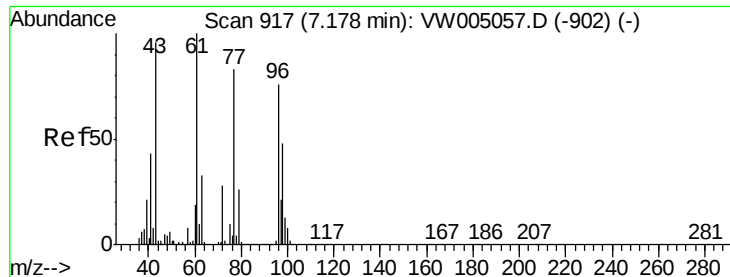
Tgt Ion:	84	Resp:	47259
Ion	Ratio	Lower	Upper
84	100		
49	111.1	88.7	133.1
51	34.3	28.6	42.8
86	62.8	49.4	74.2



#25
2-Butanone
Concen: 5.950 ug/l
RT: 7.14 min Scan# 911
Delta R.T. -0.04 min
Lab File: VW005069.D
Acq: 01 Sep 2018 06:59

Tgt Ion:	43	Resp:	5247
Ion	Ratio	Lower	Upper
43	100		
72	18.4	23.1	34.7#

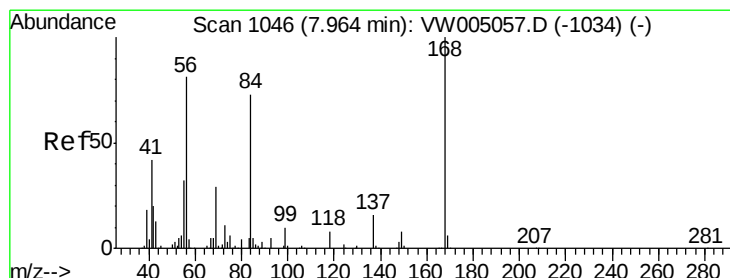
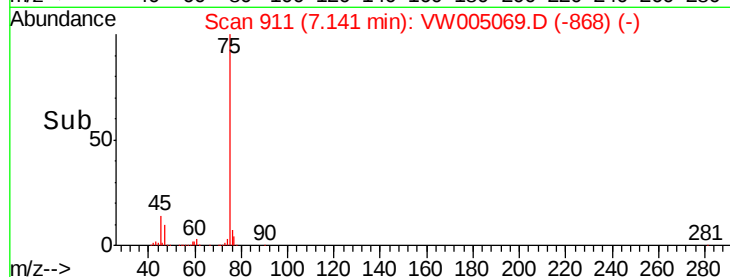
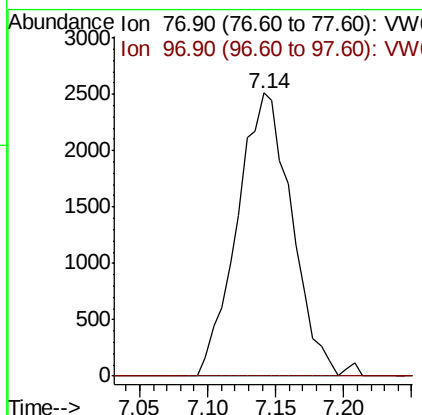
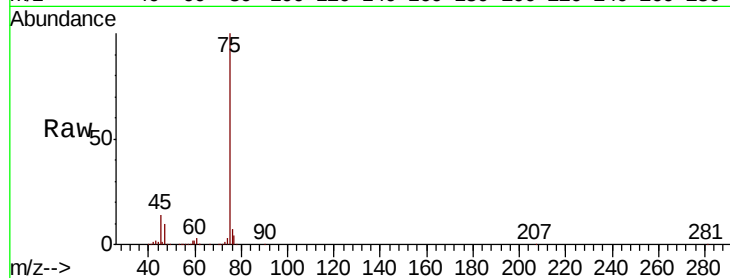




#26
 2,2-Dichloropropane
 Concen: 1.676 ug/l
 RT: 7.14 min Scan# 911
 Delta R.T. -0.04 min
 Lab File: VW005069.D
 Acq: 01 Sep 2018 06:59

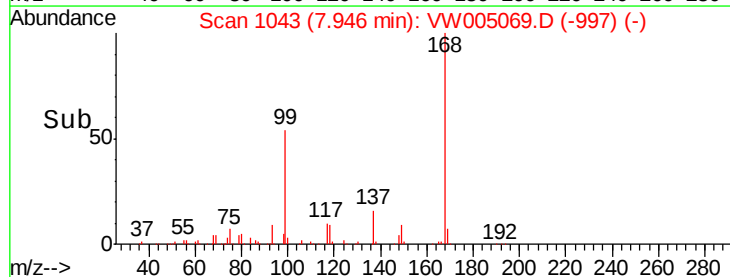
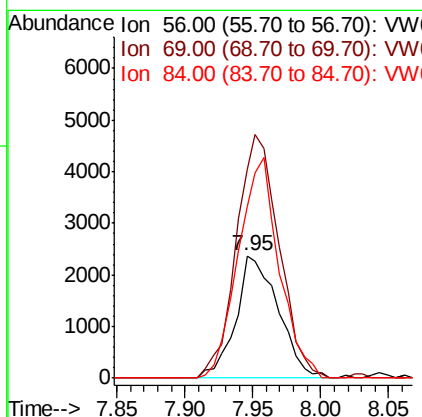
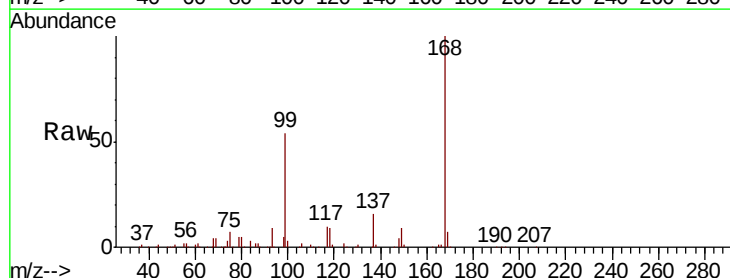
Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-03-1.5-2RE

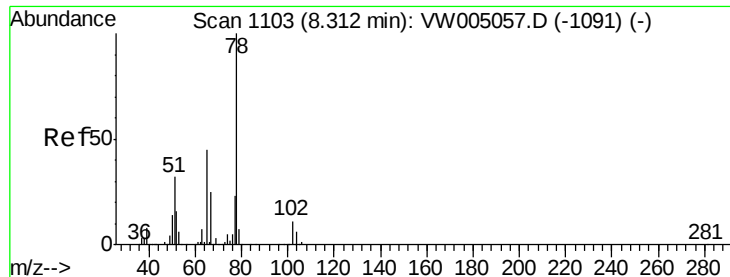
Tgt Ion: 77 Resp: 7004
 Ion Ratio Lower Upper
 77 100
 97 0.0 12.2 36.6#



#31
 Cyclohexane
 Concen: 1.040 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.02 min
 Lab File: VW005069.D
 Acq: 01 Sep 2018 06:59

Tgt Ion: 56 Resp: 5177
 Ion Ratio Lower Upper
 56 100
 69 170.3 28.2 42.2#
 84 140.8 71.8 107.8#

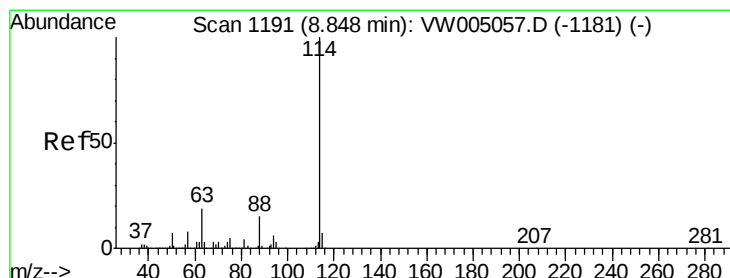
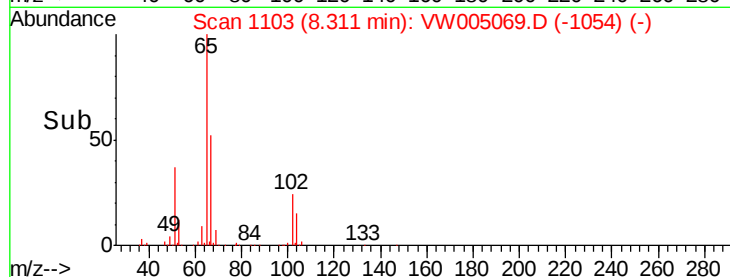
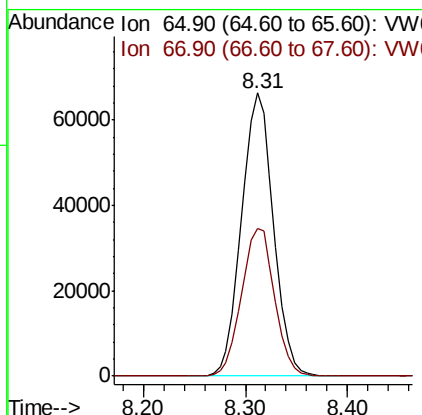
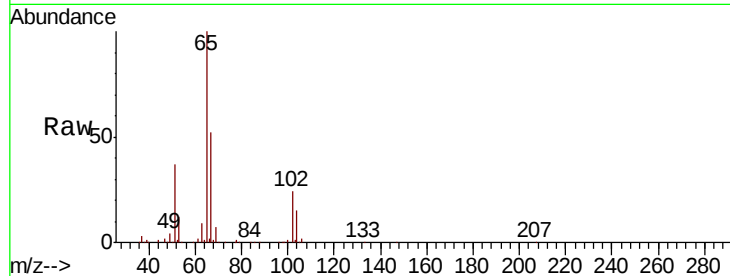




#33
 1,2-Dichloroethane-d4
 Concen: 56.796 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW005069.D
 Acq: 01 Sep 2018 06:59

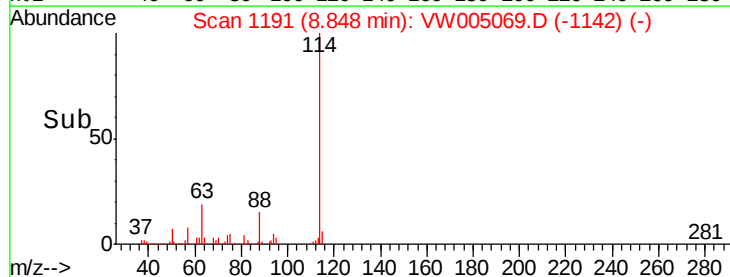
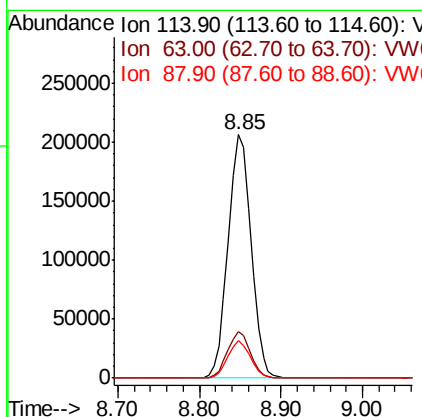
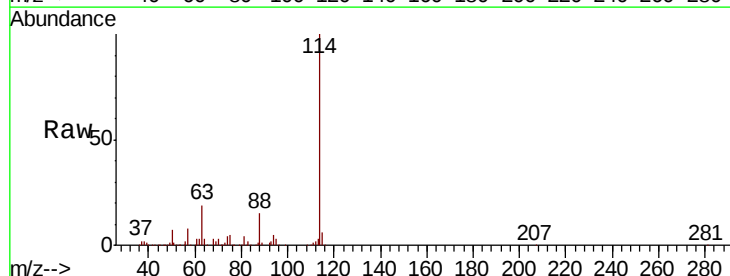
Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-03-1.5-2RE

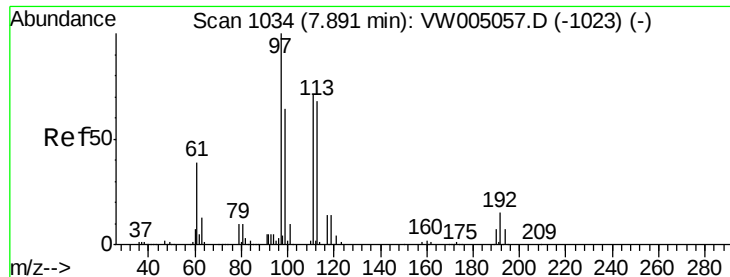
Tgt Ion: 65 Resp: 143990
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005069.D
 Acq: 01 Sep 2018 06:59

Tgt Ion: 114 Resp: 401656
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.0
 88 15.3 0.0 30.2

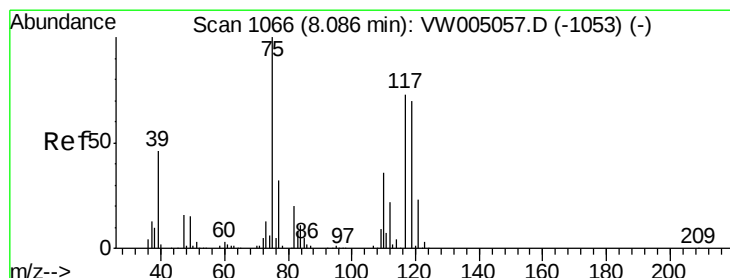
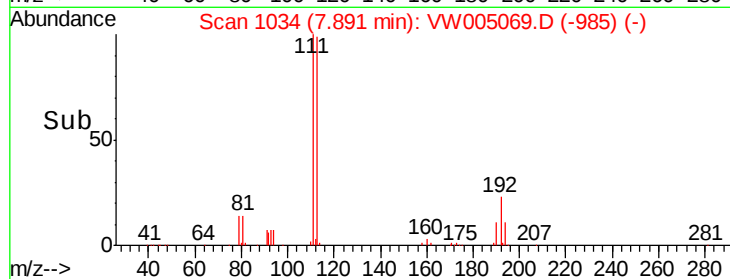
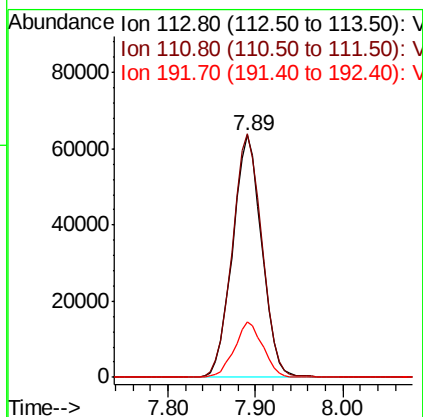
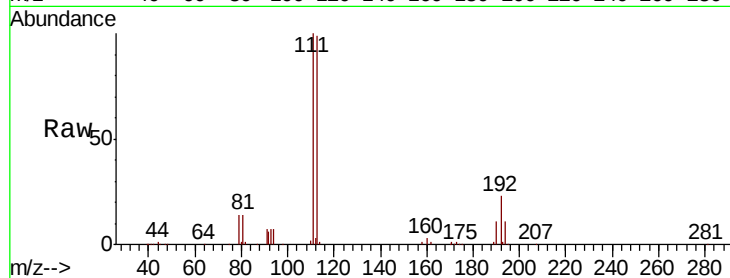




#35
 Dibromofluoromethane
 Concen: 63.449 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VW005069.D
 Acq: 01 Sep 2018 06:59

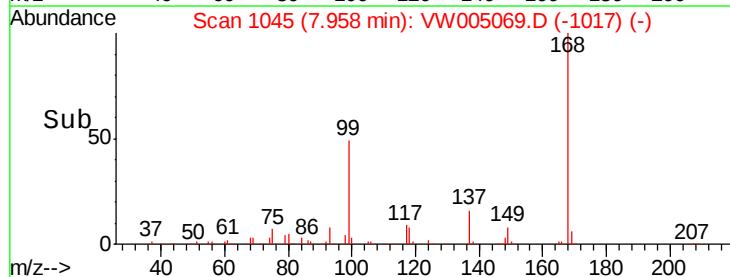
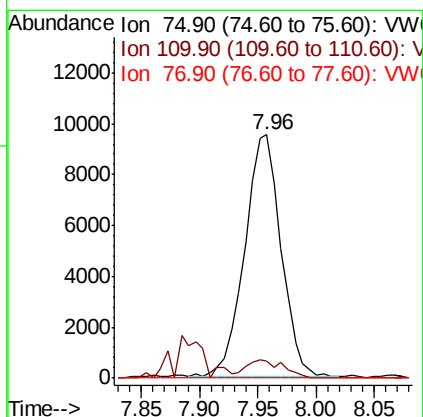
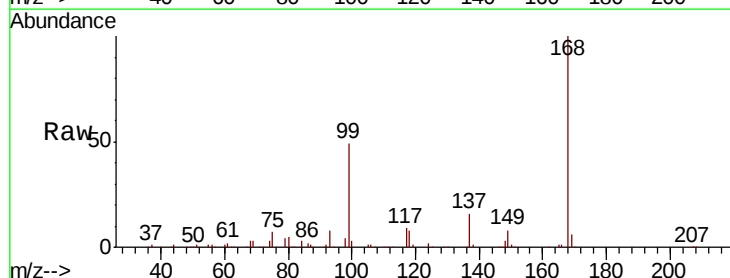
Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-03-1.5-2RE

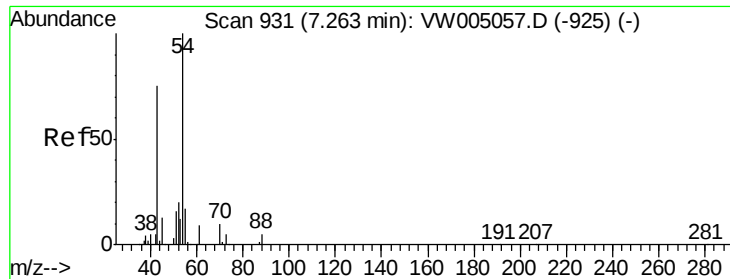
Tgt Ion: 113 Resp: 147273
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.2 123.2
 192 22.3 18.1 27.1



#36
 1,1-Dichloropropene
 Concen: 5.393 ug/l
 RT: 7.96 min Scan# 1045
 Delta R.T. -0.13 min
 Lab File: VW005069.D
 Acq: 01 Sep 2018 06:59

Tgt Ion: 75 Resp: 20629
 Ion Ratio Lower Upper
 75 100
 110 7.9 18.9 56.7#
 77 0.0 25.5 38.3#

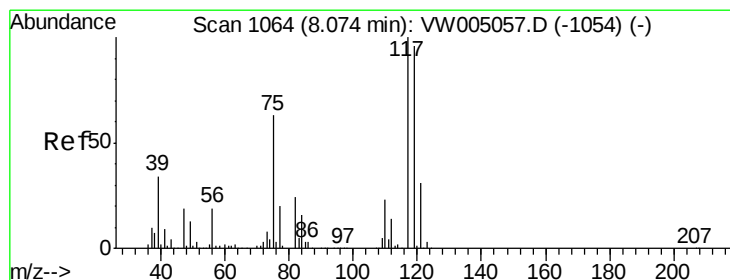
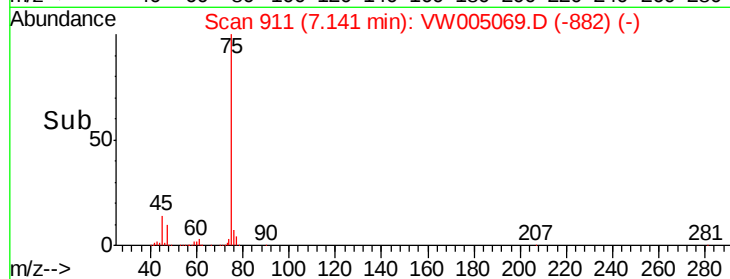
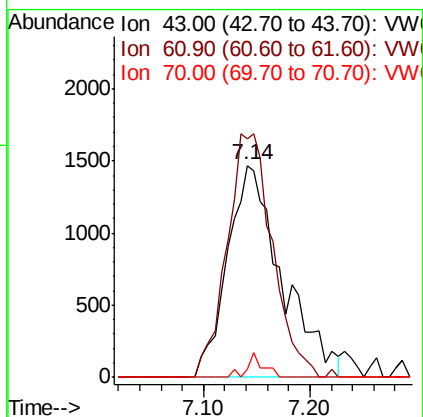
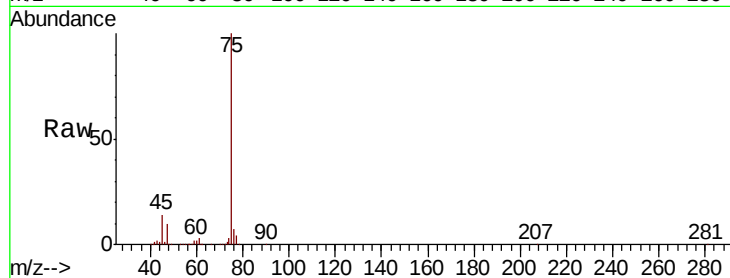




#37
Ethyl Acetate
Concen: 3.668 ug/l
RT: 7.14 min Scan# 911
Delta R.T. -0.12 min
Lab File: VW005069.D
Acq: 01 Sep 2018 06:59

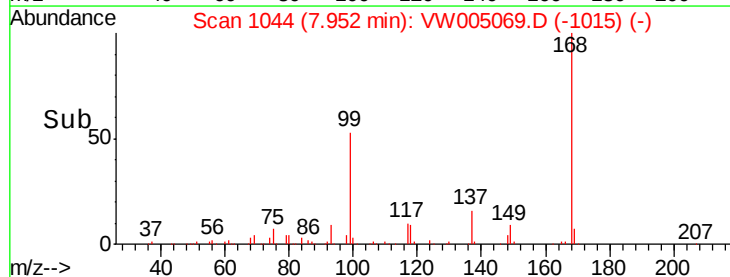
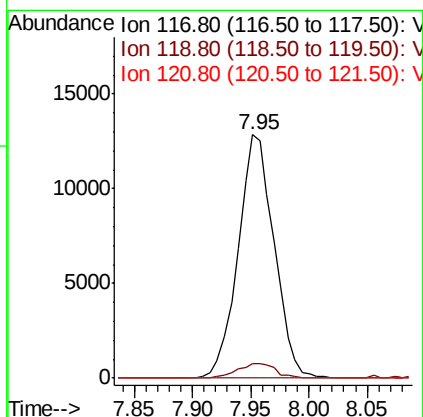
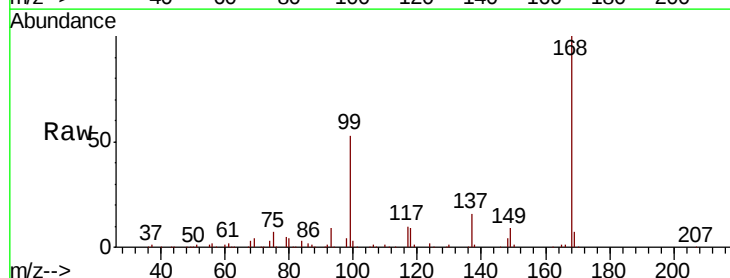
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-03-1.5-2RE

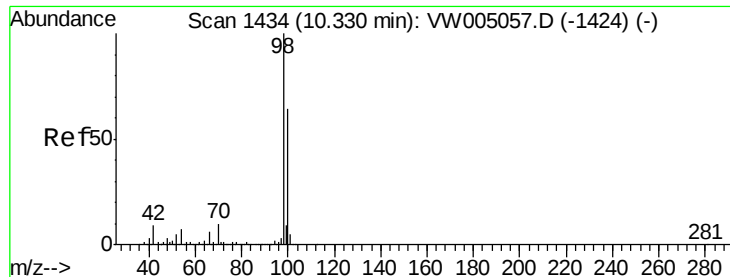
Tgt Ion: 43 Resp: 5247
Ion Ratio Lower Upper
43 100
61 96.1 12.1 18.1#
70 3.3 9.4 14.2#



#38
Carbon Tetrachloride
Concen: 7.597 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.12 min
Lab File: VW005069.D
Acq: 01 Sep 2018 06:59

Tgt Ion: 117 Resp: 27633
Ion Ratio Lower Upper
117 100
119 6.2 76.6 115.0#
121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 32.367 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW005069.D

Acq: 01 Sep 2018 06:59

Instrument :

MSVOA_W

ClientSampleId :

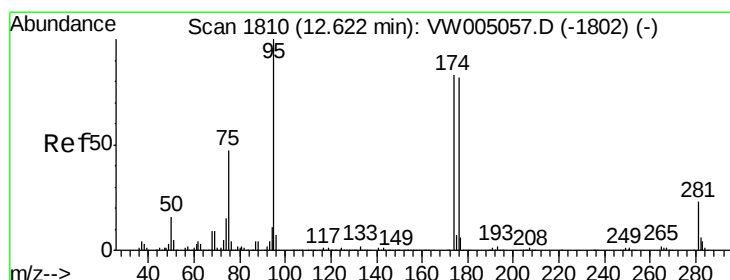
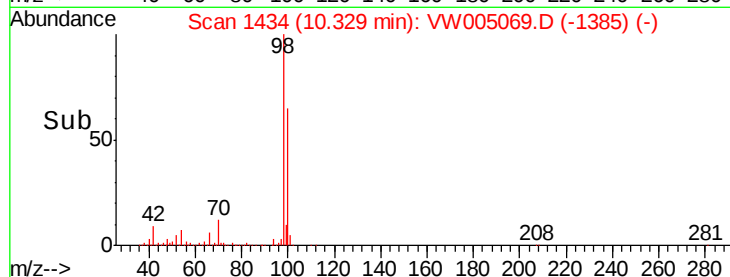
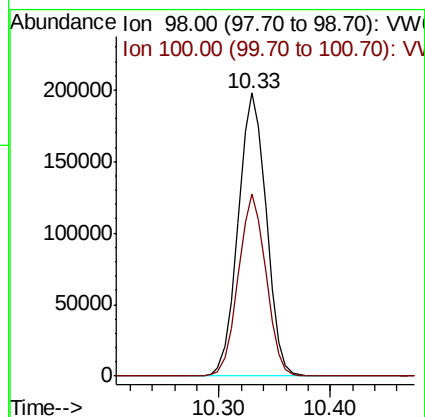
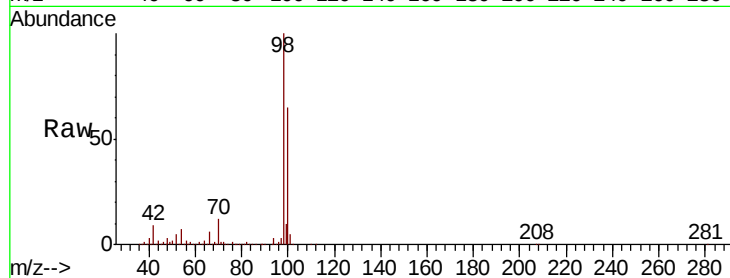
ENY-SB-03-1.5-2RE

Tgt Ion: 98 Resp: 346169

Ion Ratio Lower Upper

98 100

100 63.3 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 11.101 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW005069.D

Acq: 01 Sep 2018 06:59

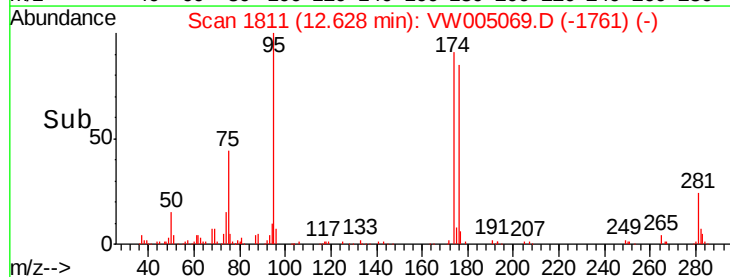
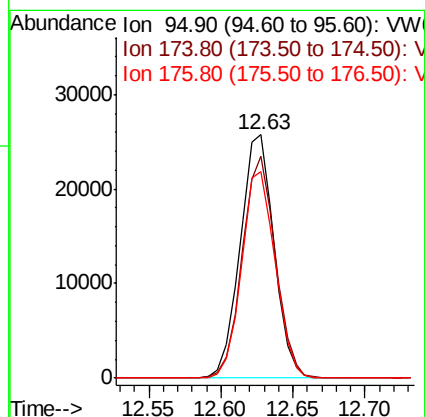
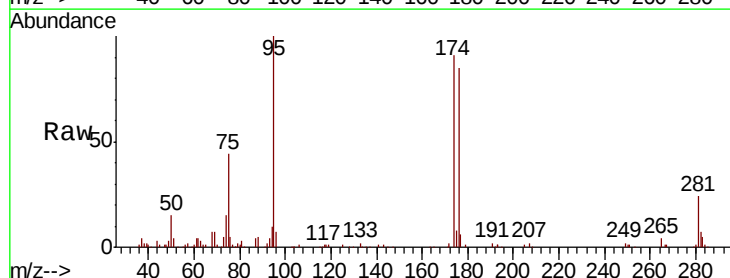
Tgt Ion: 95 Resp: 41863

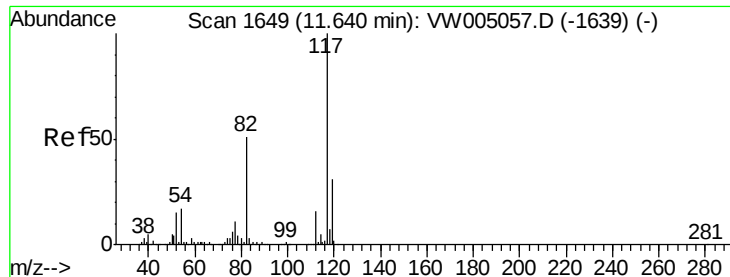
Ion Ratio Lower Upper

95 100

174 89.2 0.0 173.4

176 84.4 0.0 167.4

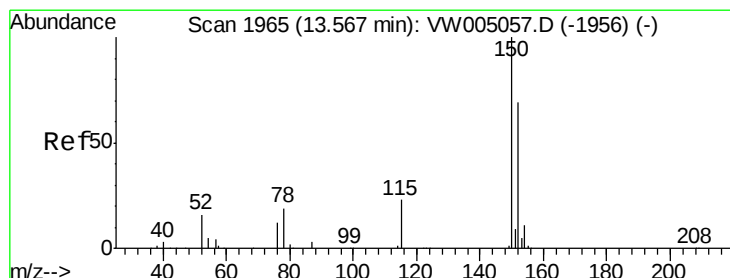
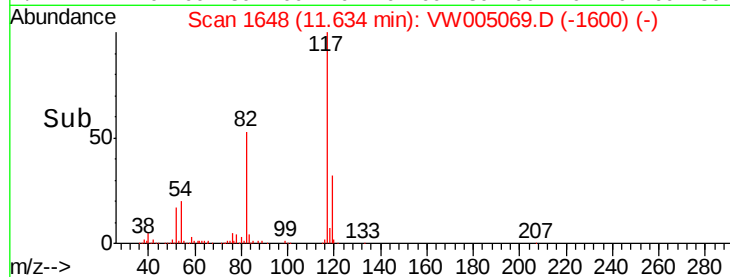
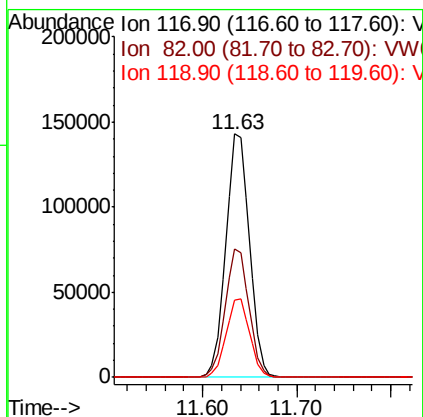
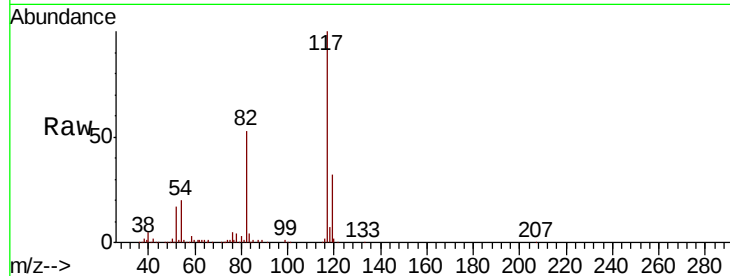




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005069.D
Acq: 01 Sep 2018 06:59

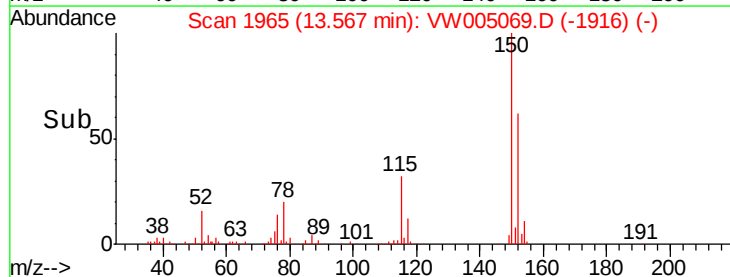
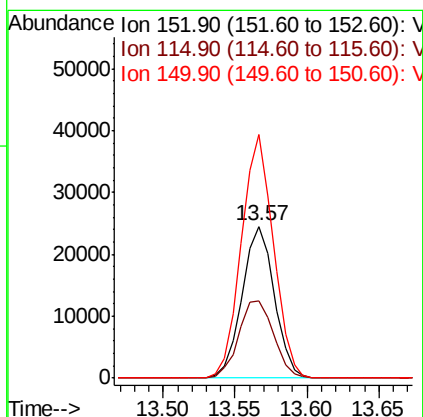
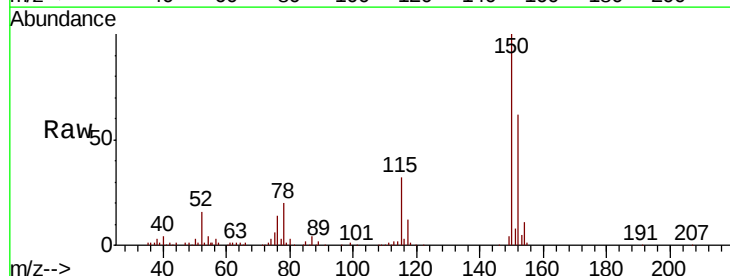
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-03-1.5-2RE

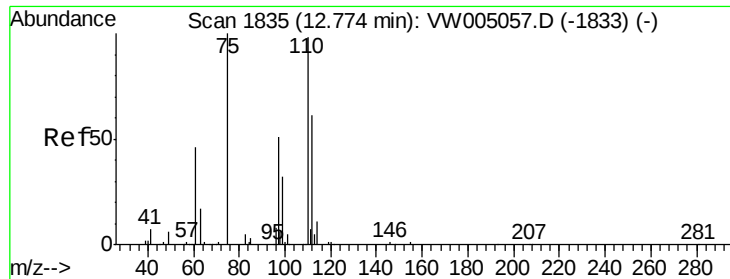
Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.6	40.9	61.3
119	31.9	24.9	37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW005069.D
Acq: 01 Sep 2018 06:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.2	27.8	83.4
150	159.3	0.0	351.4

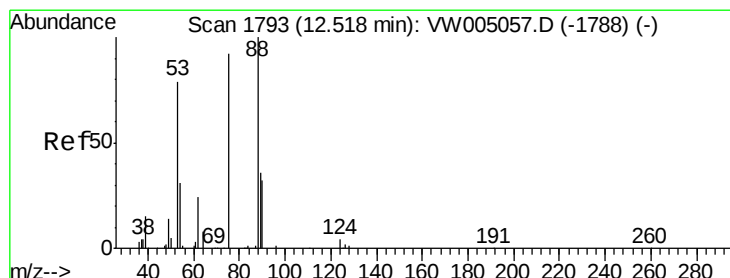
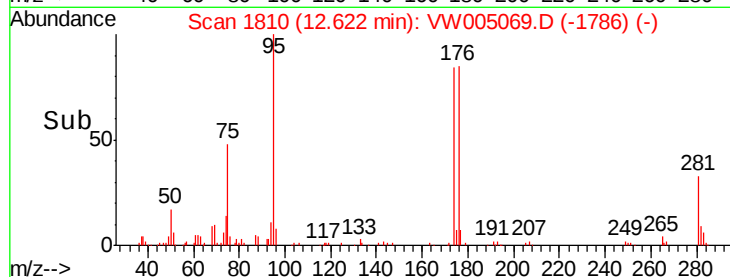
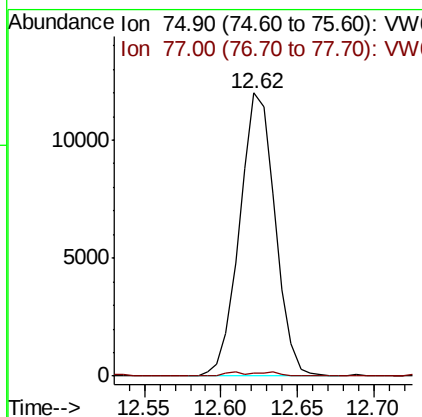
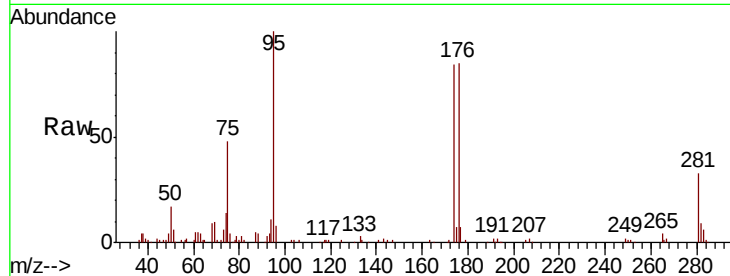




#76
 1,2,3-Trichloropropane
 Concen: 67.504 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.15 min
 Lab File: VW005069.D
 Acq: 01 Sep 2018 06:59

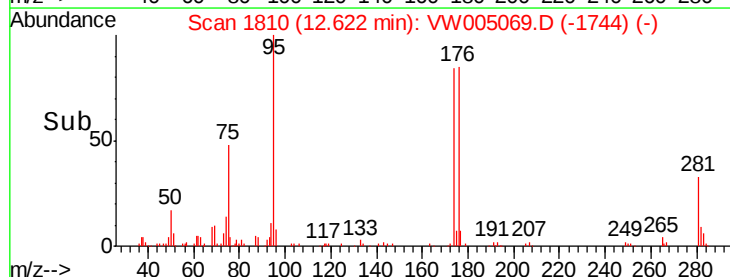
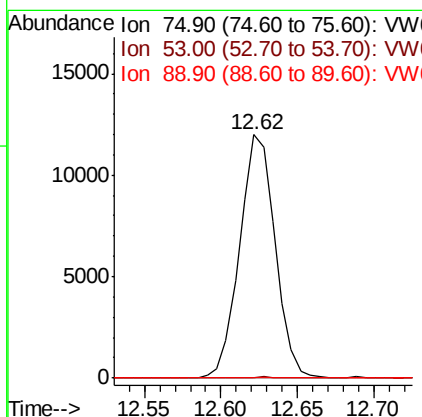
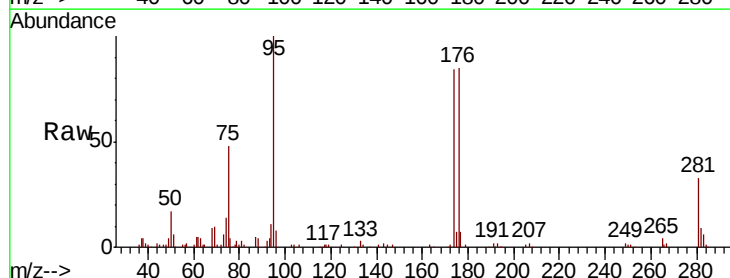
Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-03-1.5-2RE

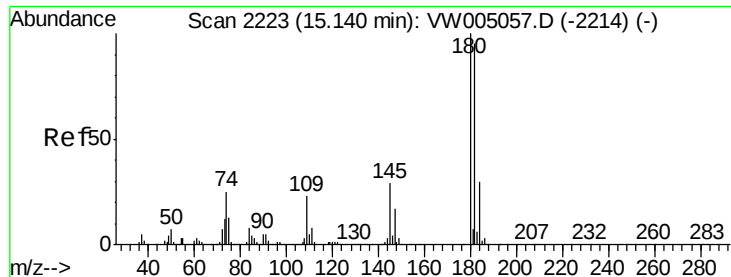
Tgt Ion: 75 Resp: 19314
 Ion Ratio Lower Upper
 75 100
 77 0.8 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 162.475 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW005069.D
 Acq: 01 Sep 2018 06:59

Tgt Ion: 75 Resp: 19314
 Ion Ratio Lower Upper
 75 100
 53 0.1 69.8 104.8#
 89 0.0 36.0 54.0#

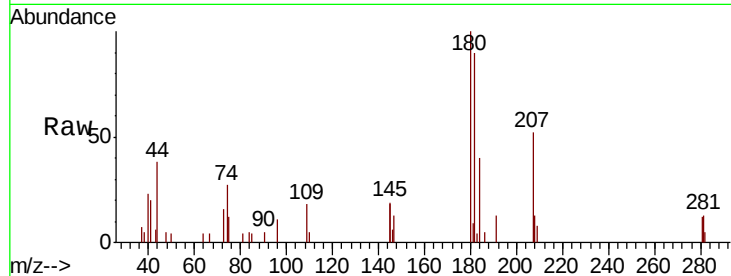




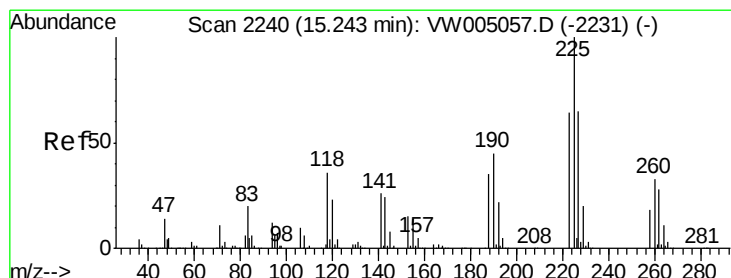
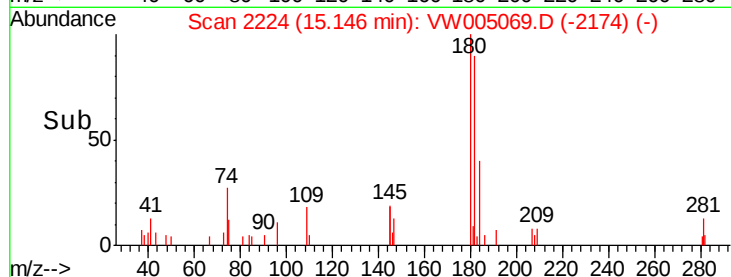
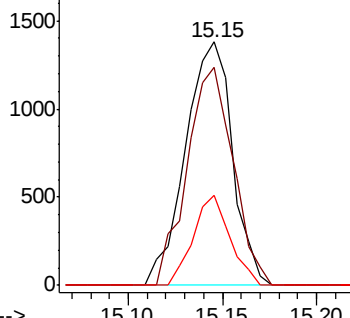
#93
 1,2,4-Trichlorobenzene
 Concen: 3.004 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.01 min
 Lab File: VW005069.D
 Acq: 01 Sep 2018 06:59

Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-03-1.5-2RE

Tgt Ion:180 Resp: 2388
 Ion Ratio Lower Upper
 180 100
 182 87.6 47.5 142.6
 145 29.1 14.4 43.2

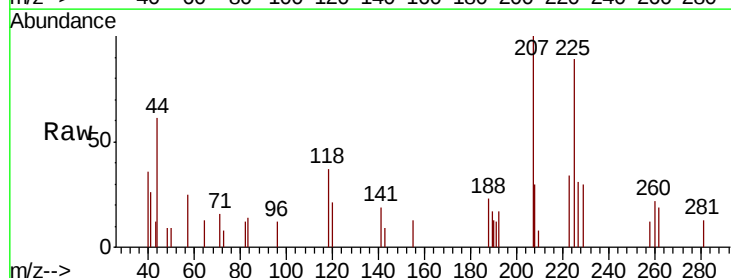


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

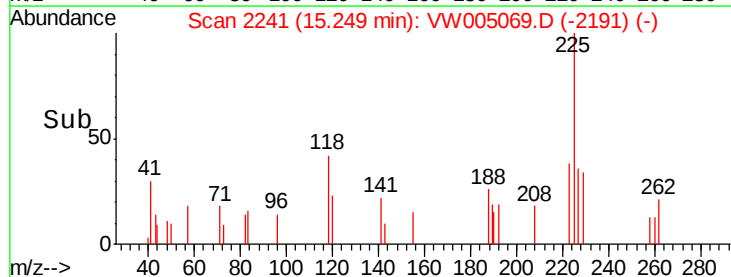
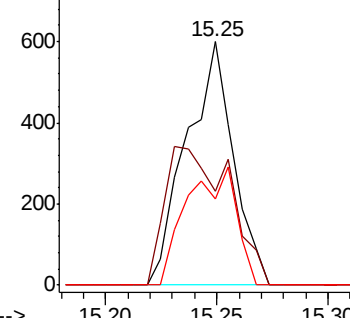


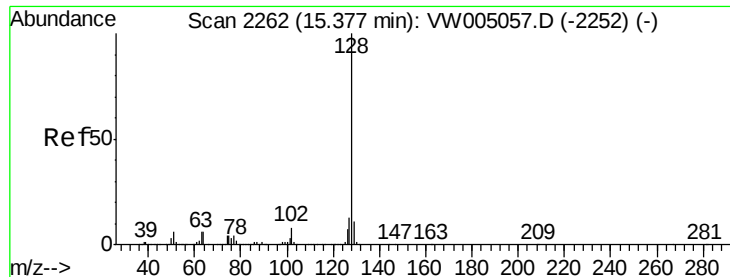
#94
 Hexachlorobutadiene
 Concen: 1.774 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.01 min
 Lab File: VW005069.D
 Acq: 01 Sep 2018 06:59

Tgt Ion:225 Resp: 877
 Ion Ratio Lower Upper
 225 100
 223 0.0 31.4 94.3#
 227 51.3 32.0 96.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 6.701 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW005069.D

Acq: 01 Sep 2018 06:59

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-03-1.5-2RE

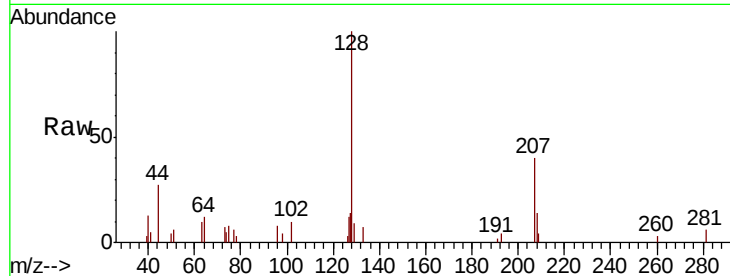
Tgt Ion:128 Resp: 4064

Ion Ratio Lower Upper

128 100

127 17.4 10.4 15.6#

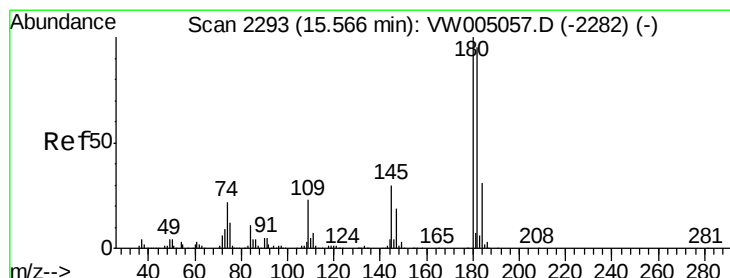
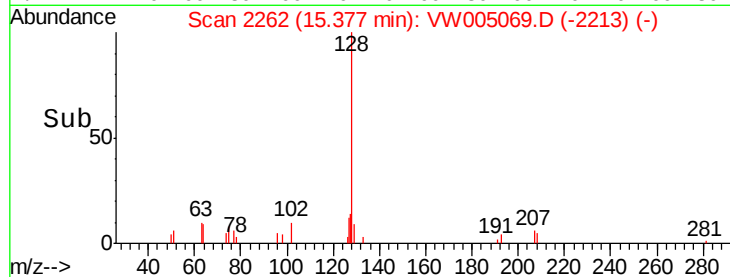
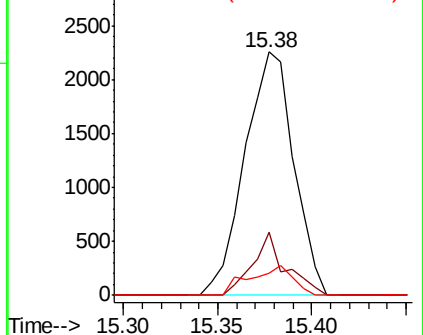
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 3.070 ug/l

RT: 15.56 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VW005069.D

Acq: 01 Sep 2018 06:59

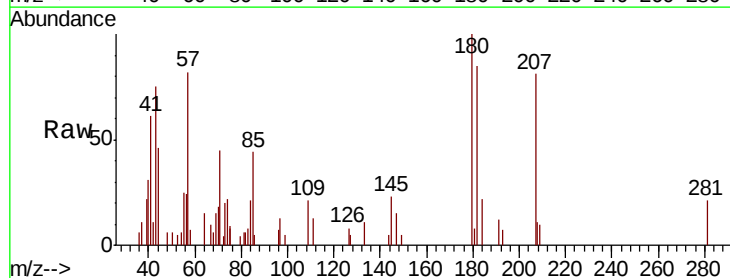
Tgt Ion:180 Resp: 2089

Ion Ratio Lower Upper

180 100

182 93.6 47.4 142.3

145 37.9 15.4 46.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

