

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090118\
 Data File : VW005075.D
 Acq On : 01 Sep 2018 09:32
 Operator : SY/AP
 Sample : J4710-02RE
 Misc : 6.44G/5ML/MSVOA_W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-05-9.5-10RE

Quant Time: Sep 03 23:54:39 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	362938	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	570704	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	561146	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	252908	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	132514	44.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.10%	
35) Dibromofluoromethane	7.89	113	133296	40.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.84%	
50) Toluene-d8	10.33	98	501653	33.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.02%	
62) 4-Bromofluorobenzene	12.63	95	162416	30.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.62%	

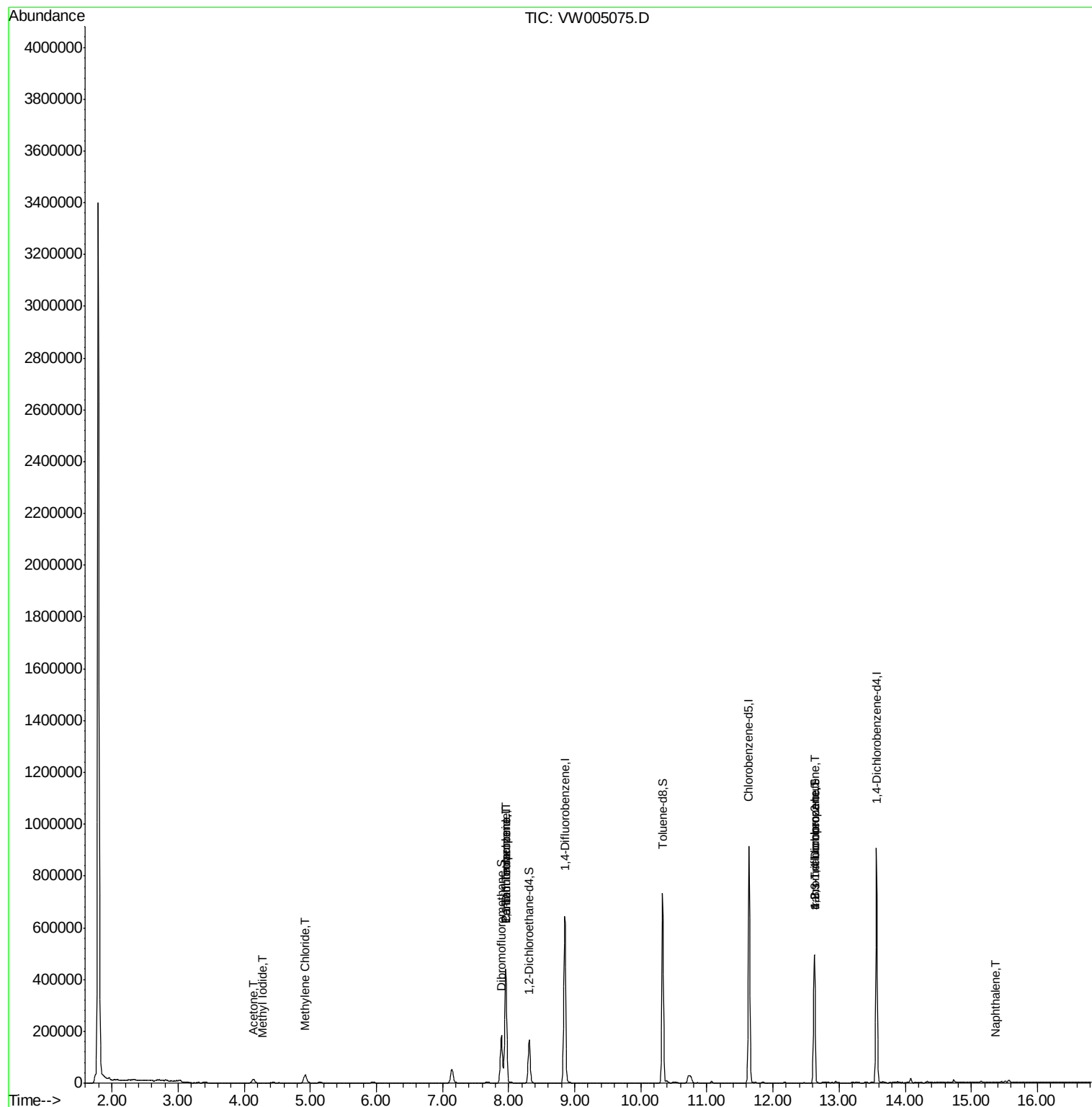
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.78	94	716	Below Cal	#	36
10) Methyl Iodide	4.28	142	713	3.957	ug/l #	70
11) Tert butyl alcohol	5.15	59	2724	Below Cal	#	72
16) Acetone	4.14	43	25215	41.790	ug/l	99
20) Methylene Chloride	4.92	84	25572	2.582	ug/l	100
36) 1,1-Dichloropropene	7.96	75	24275	4.466	ug/l #	48
38) Carbon Tetrachloride	7.95	117	31736	6.141	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	75328	39.680	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	75328	95.505	ug/l #	15
95) Naphthalene	15.37	128	2381	4.220	ug/l #	90

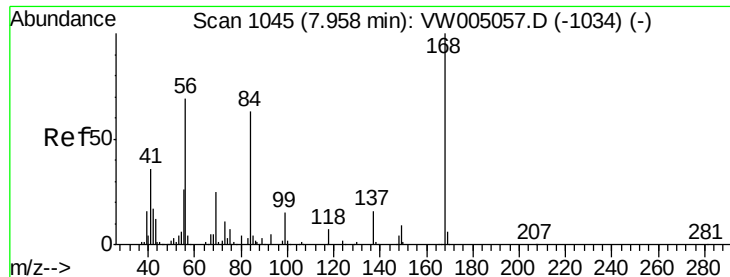
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW090118\
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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: VW005075.D

Acq: 01 Sep 2018 09:32

Instrument :

MSVOA_W

ClientSampleId :

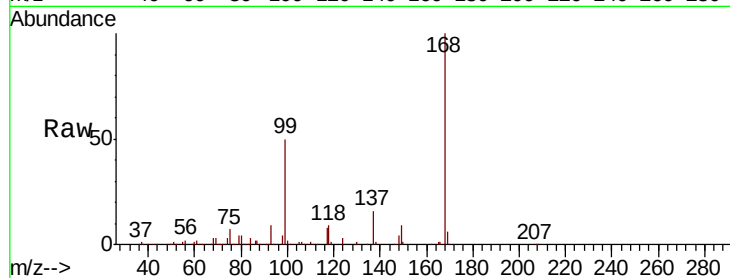
ENY-SB-05-9.5-10RE

Tgt Ion:168 Resp: 362938

Ion Ratio Lower Upper

168 100

99 49.7 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

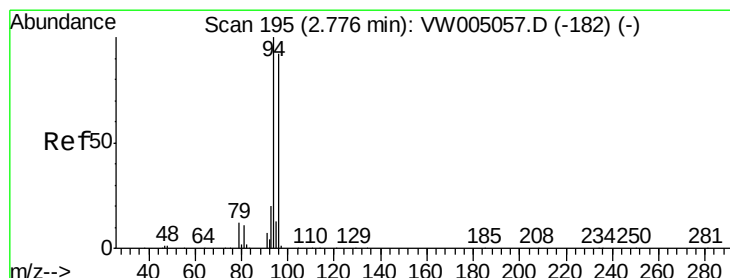
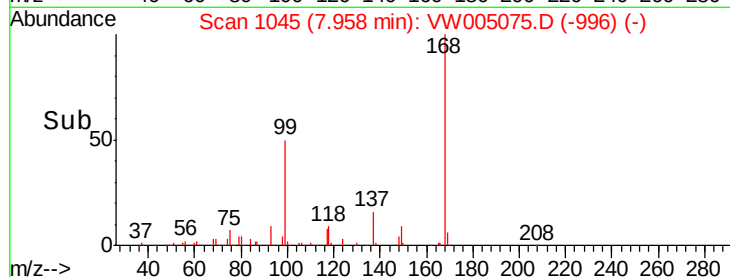
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 195

Delta R.T. 0.00 min

Lab File: VW005075.D

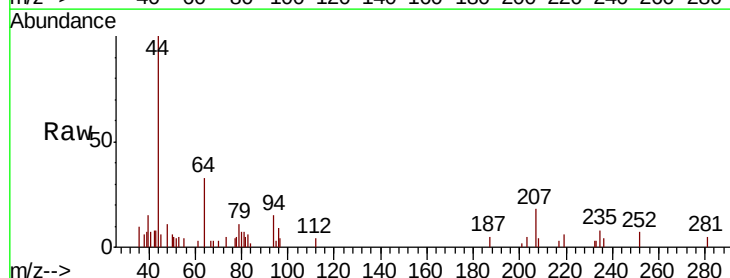
Acq: 01 Sep 2018 09:32

Tgt Ion: 94 Resp: 716

Ion Ratio Lower Upper

94 100

96 30.8 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

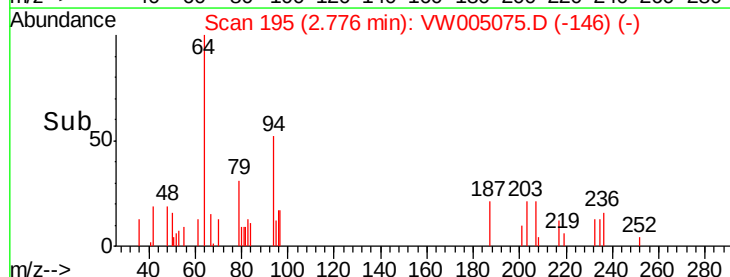
300

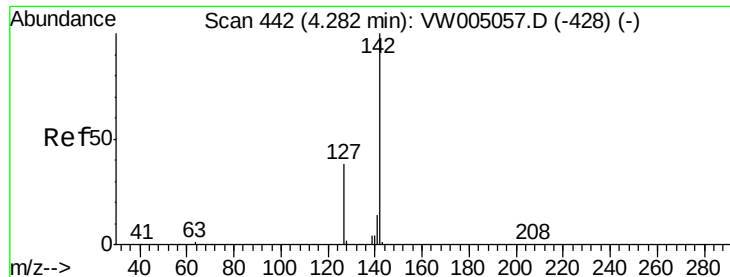
200

100

0

Time-->

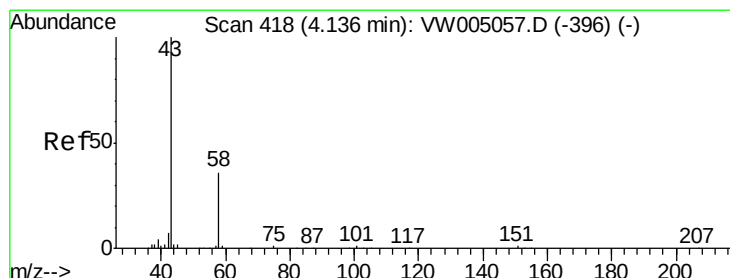
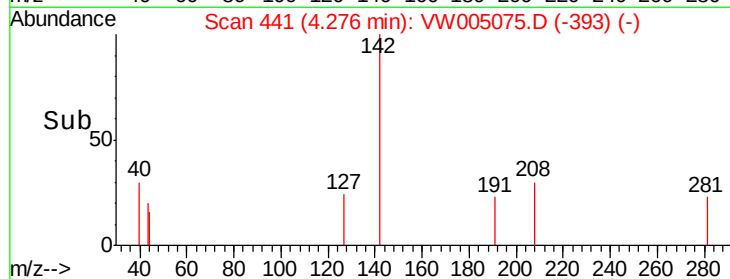
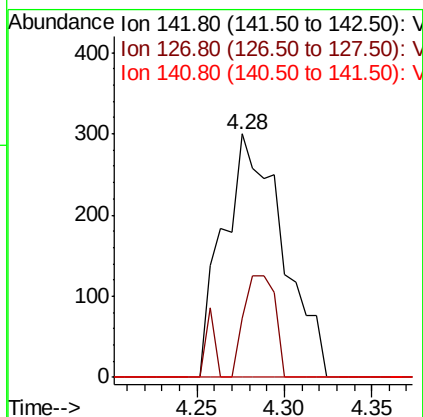
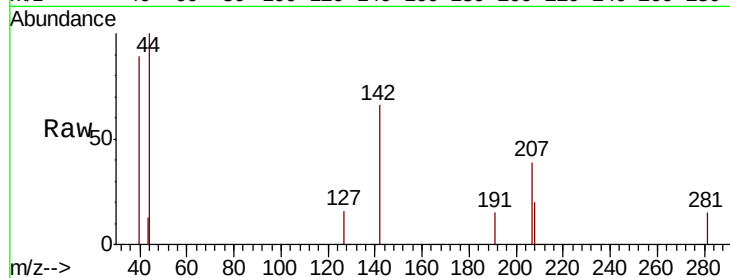




#10
Methyl Iodide
Concen: 3.957 ug/l
RT: 4.28 min Scan# 441
Delta R.T. -0.01 min
Lab File: VW005075.D
Acq: 01 Sep 2018 09:32

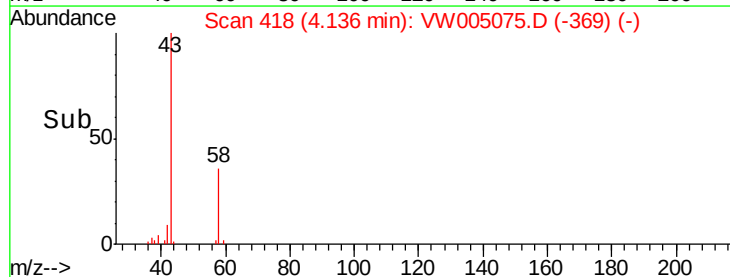
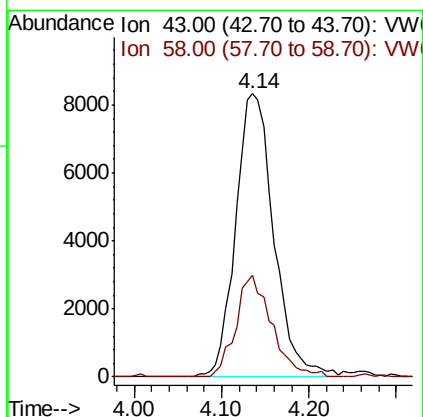
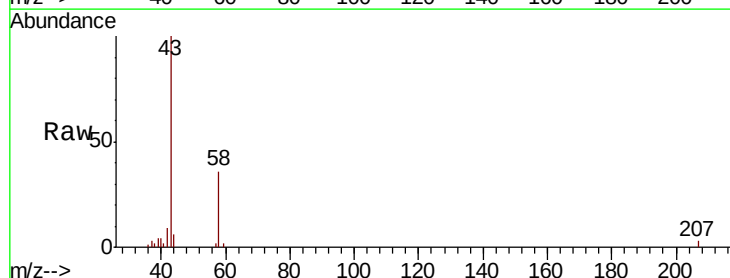
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MSVOA_W
ClientSampleId :
ENY-SB-05-9.5-10RE

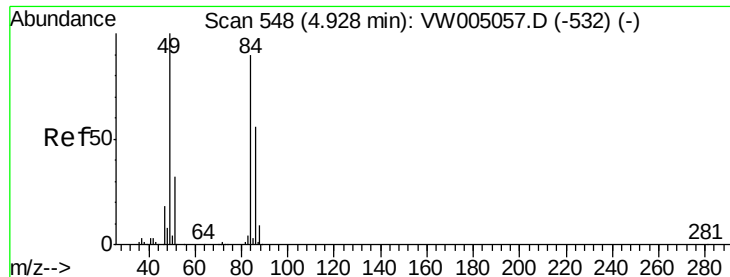
Tgt Ion:142 Resp: 713
Ion Ratio Lower Upper
142 100
127 21.9 30.8 46.2#
141 0.0 11.6 17.4#



#16
Acetone
Concen: 41.790 ug/l
RT: 4.14 min Scan# 418
Delta R.T. 0.00 min
Lab File: VW005075.D
Acq: 01 Sep 2018 09:32

Tgt Ion: 43 Resp: 25215
Ion Ratio Lower Upper
43 100
58 35.9 29.0 43.6

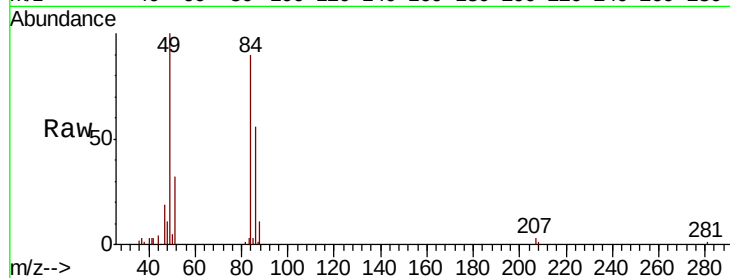




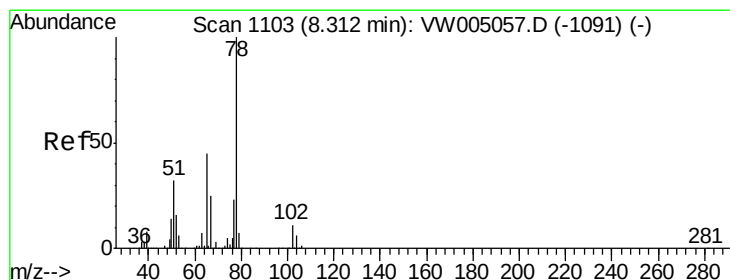
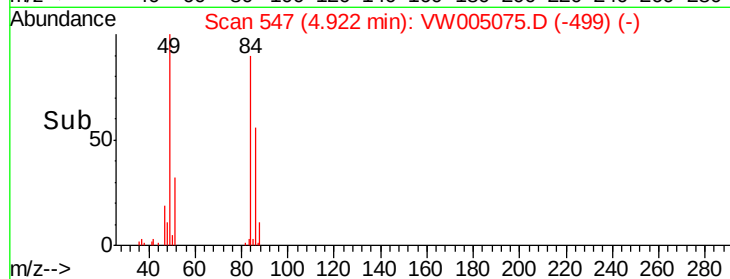
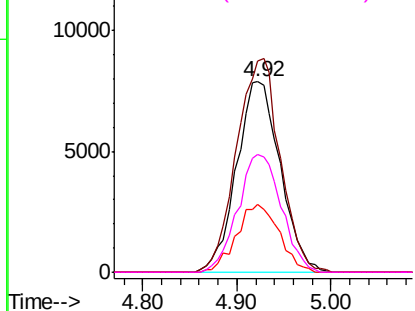
#20
Methylene Chloride
Concen: 2.582 ug/l
RT: 4.92 min Scan# 547
Delta R.T. -0.01 min
Lab File: VW005075.D
Acq: 01 Sep 2018 09:32

Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-05-9.5-10RE

Tgt Ion:	84	Resp:	25572
Ion	Ratio	Lower	Upper
84	100		
49	111.0	88.7	133.1
51	35.3	28.6	42.8
86	62.1	49.4	74.2

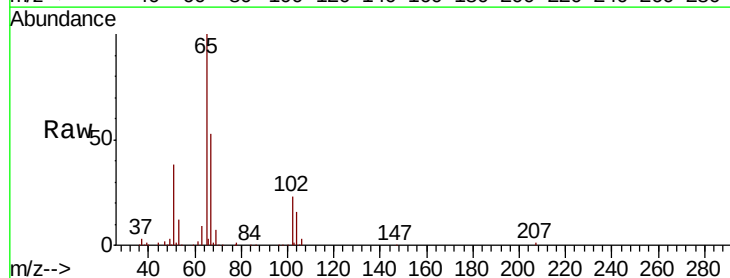


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

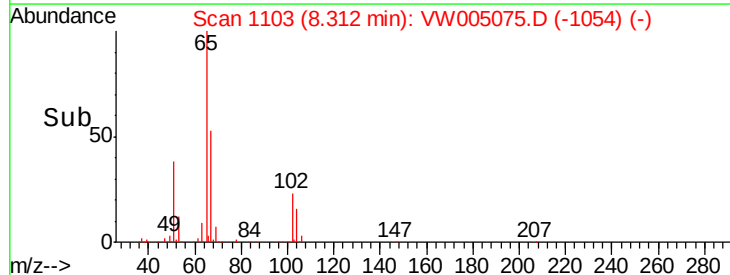
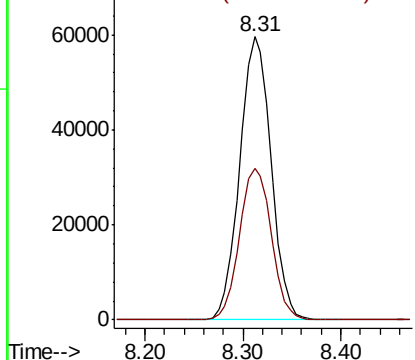


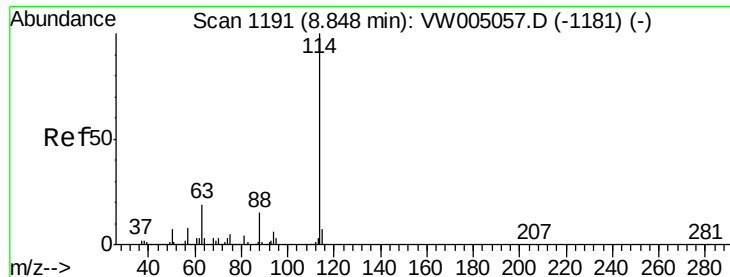
#33
1,2-Dichloroethane-d4
Concen: 44.045 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VW005075.D
Acq: 01 Sep 2018 09:32

Tgt Ion:	65	Resp:	132514
Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	109.4



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW005075.D

Acq: 01 Sep 2018 09:32

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-05-9.5-10RE

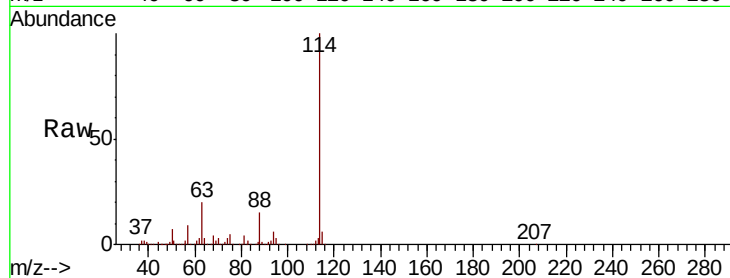
Tgt Ion:114 Resp: 570704

Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.0

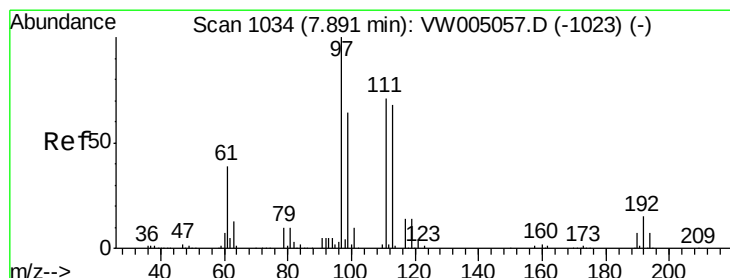
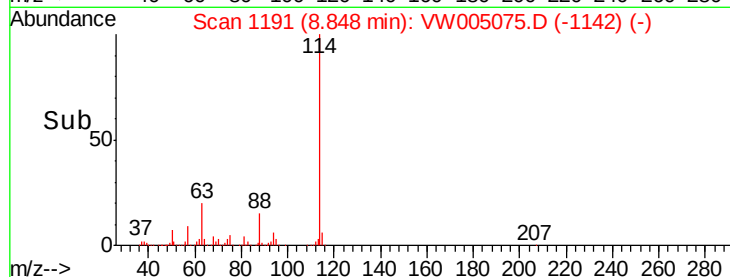
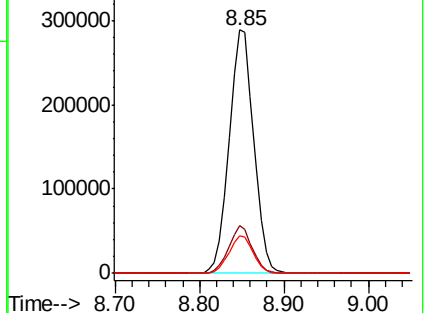
88 15.2 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 40.417 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VW005075.D

Acq: 01 Sep 2018 09:32

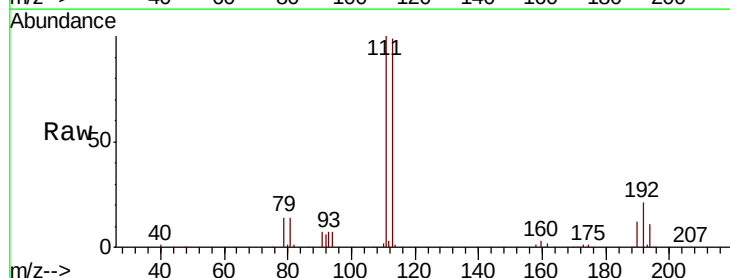
Tgt Ion:113 Resp: 133296

Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.2

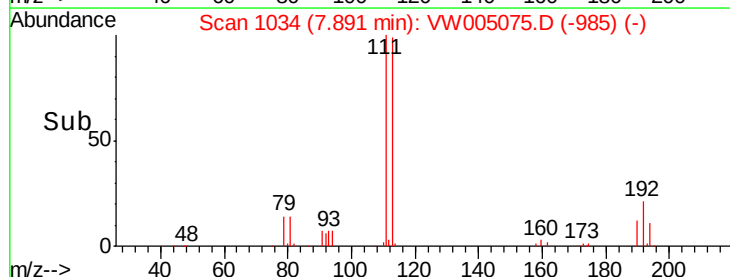
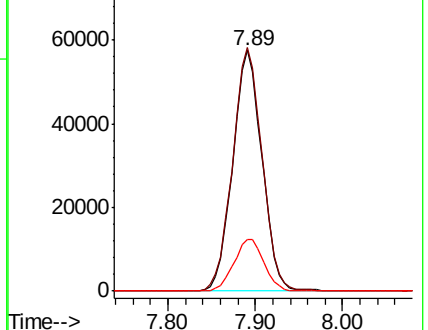
192 22.2 18.1 27.1

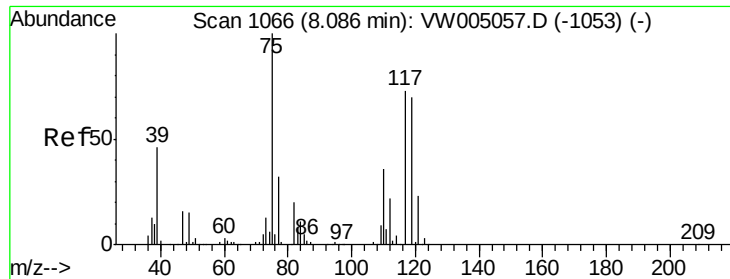


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

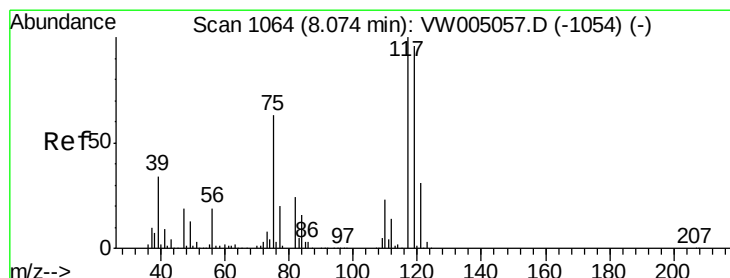
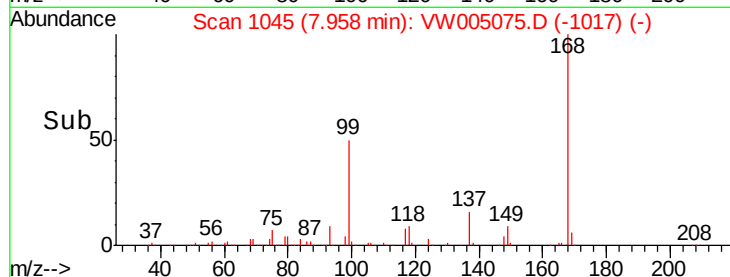
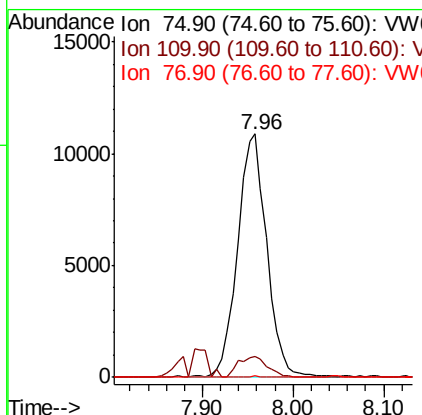
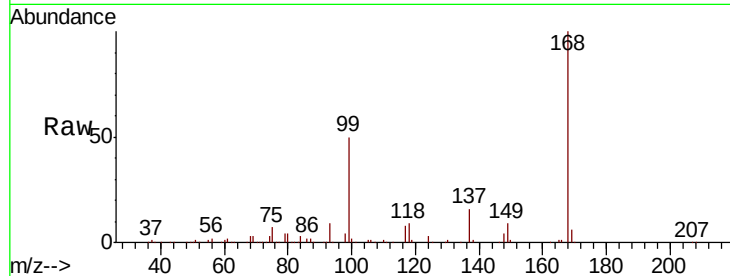




#36
 1,1-Dichloropropene
 Concen: 4.466 ug/l
 RT: 7.96 min Scan# 1045
 Delta R.T. -0.13 min
 Lab File: VW005075.D
 Acq: 01 Sep 2018 09:32

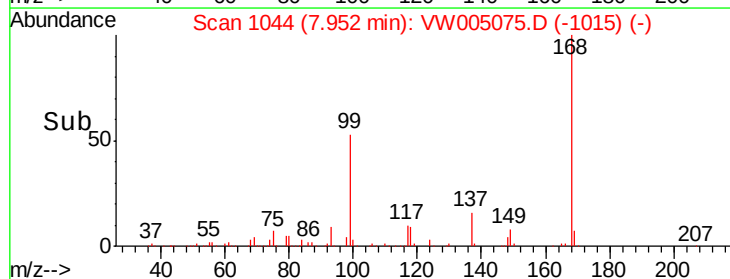
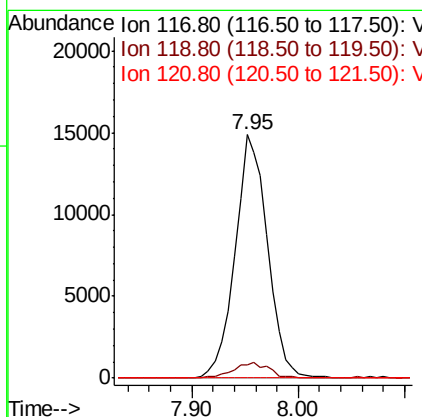
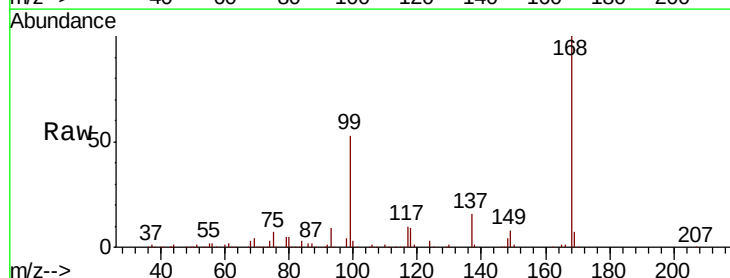
Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-05-9.5-10RE

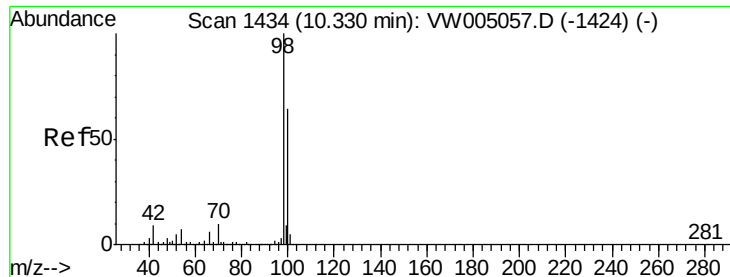
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.9	56.7#
77	0.1	25.5	38.3#



#38
 Carbon Tetrachloride
 Concen: 6.141 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW005075.D
 Acq: 01 Sep 2018 09:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.4	76.6	115.0#
121	0.0	24.8	37.2#





#50

Toluene-d8

Concen: 33.011 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW005075.D

Acq: 01 Sep 2018 09:32

Instrument :

MSVOA_W

ClientSampleId :

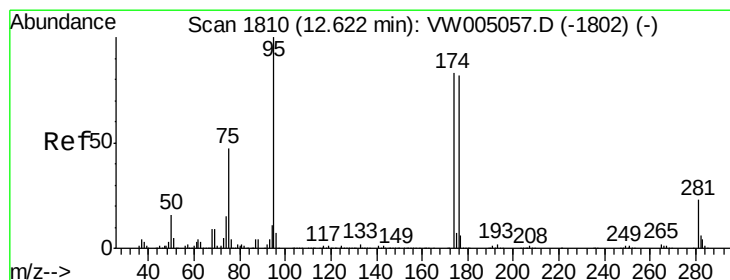
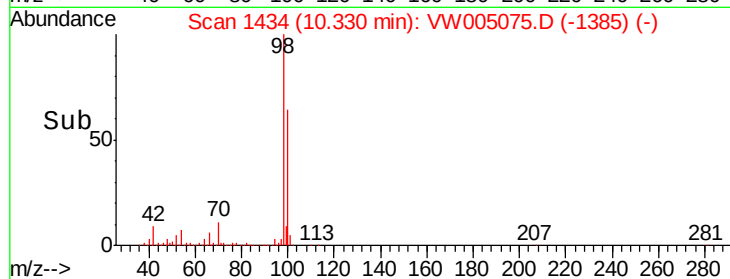
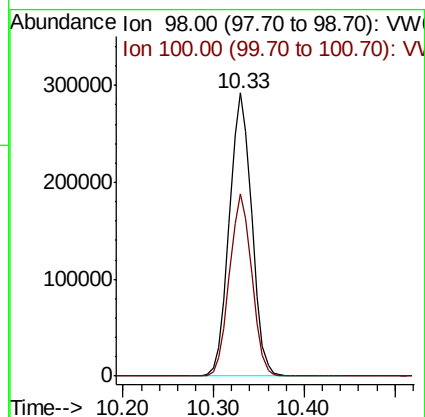
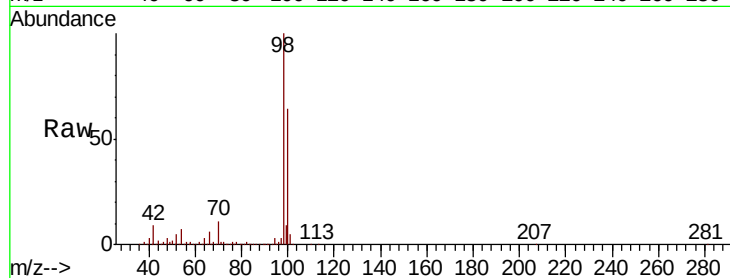
ENY-SB-05-9.5-10RE

Tgt Ion: 98 Resp: 501653

Ion Ratio Lower Upper

98 100

100 63.9 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 30.310 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW005075.D

Acq: 01 Sep 2018 09:32

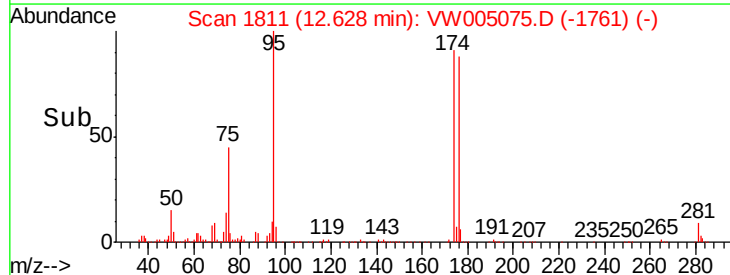
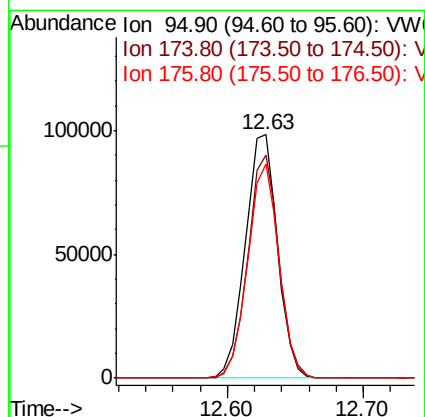
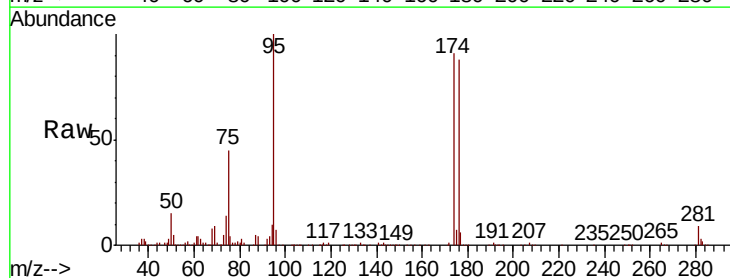
Tgt Ion: 95 Resp: 162416

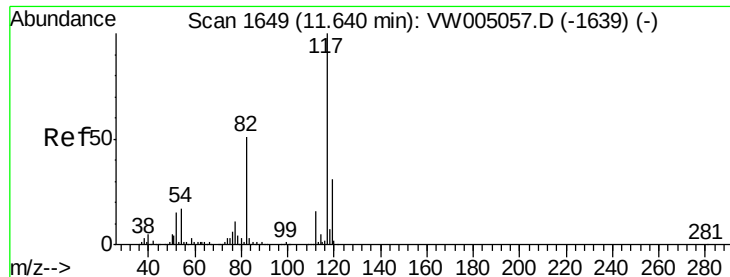
Ion Ratio Lower Upper

95 100

174 89.0 0.0 173.4

176 85.3 0.0 167.4

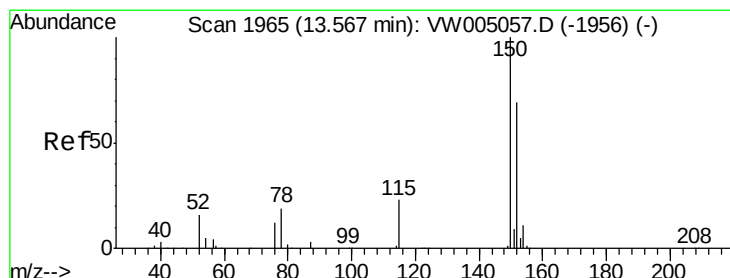
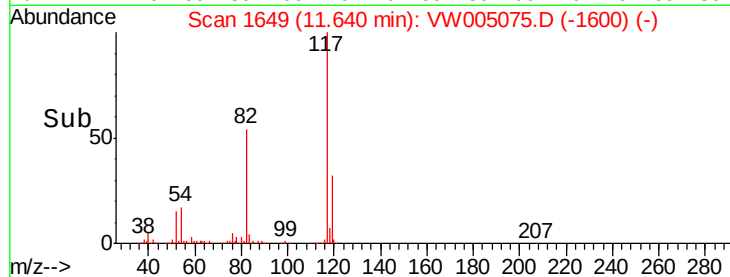
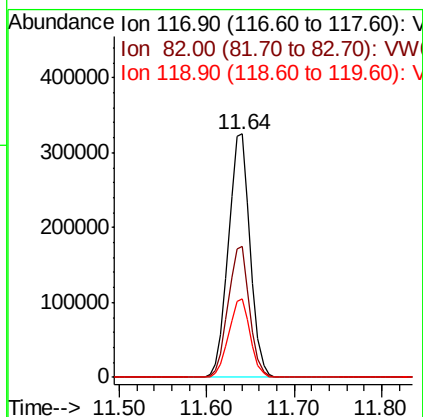
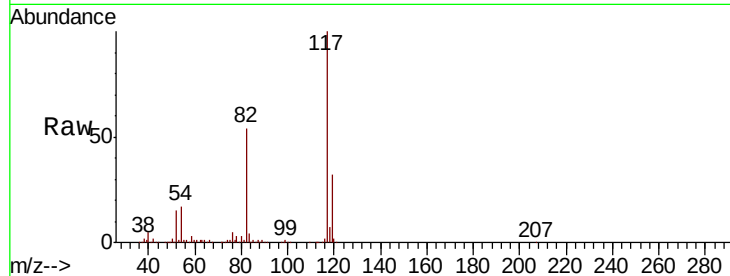




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW005075.D
Acq: 01 Sep 2018 09:32

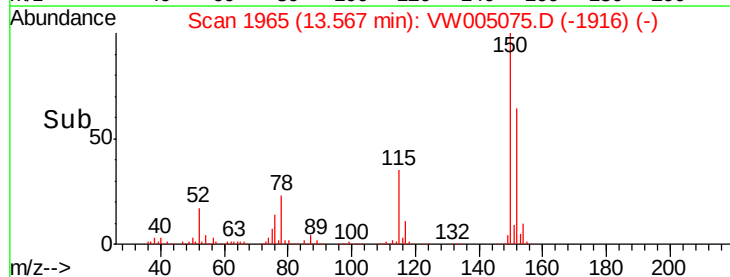
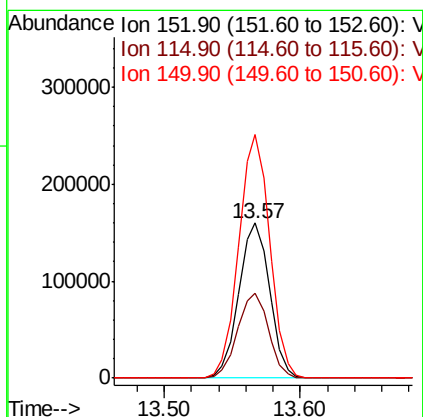
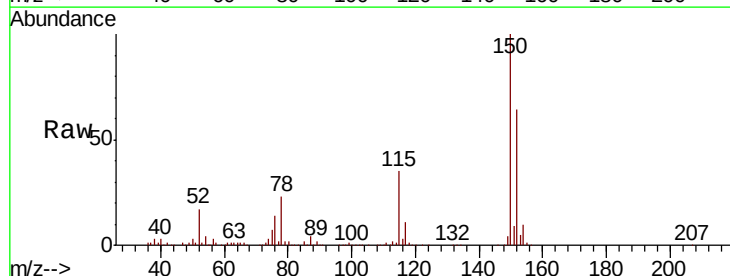
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-05-9.5-10RE

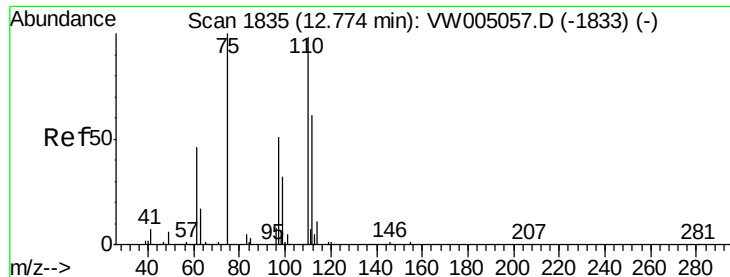
Tgt Ion:117 Resp: 561146
Ion Ratio Lower Upper
117 100
82 53.6 40.9 61.3
119 32.4 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW005075.D
Acq: 01 Sep 2018 09:32

Tgt Ion:152 Resp: 252908
Ion Ratio Lower Upper
152 100
115 55.1 27.8 83.4
150 157.5 0.0 351.4

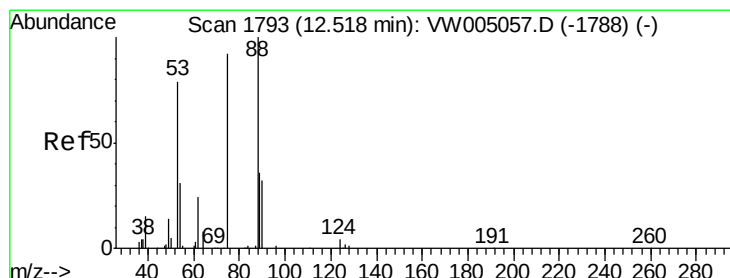
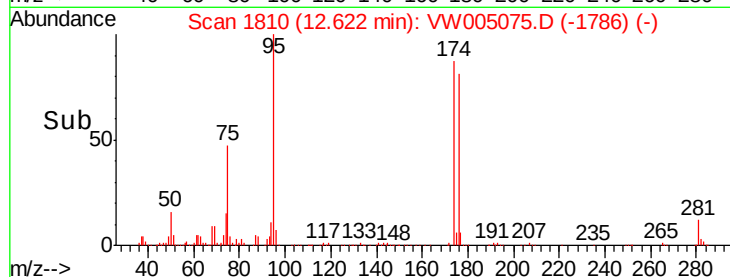
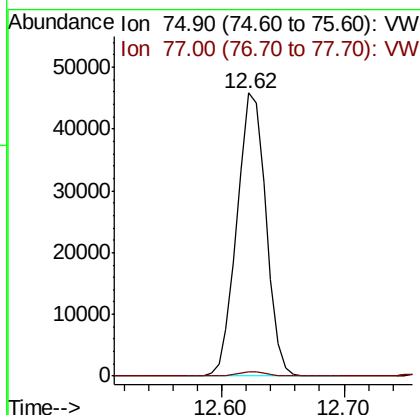
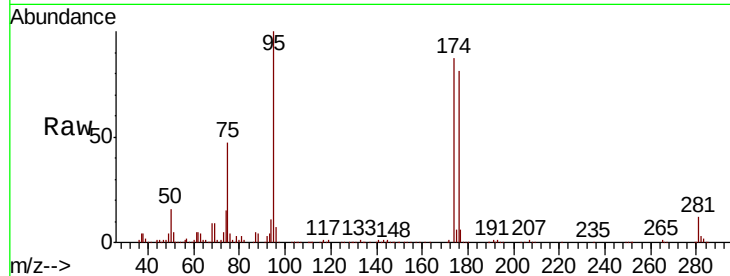




#76
 1,2,3-Trichloropropane
 Concen: 39.680 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.15 min
 Lab File: VW005075.D
 Acq: 01 Sep 2018 09:32

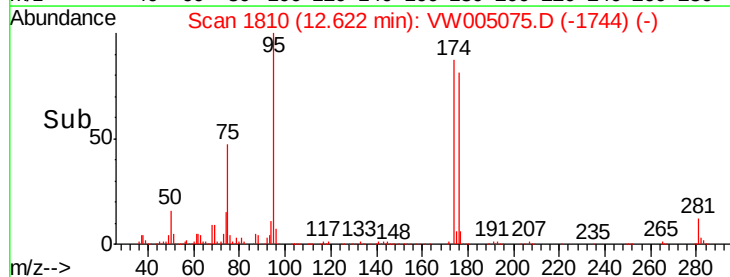
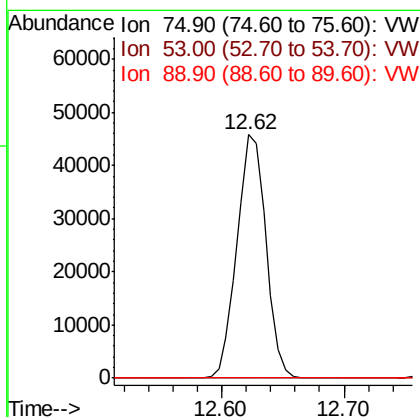
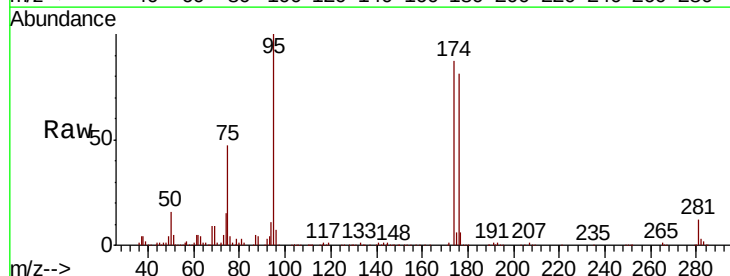
Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-05-9.5-10RE

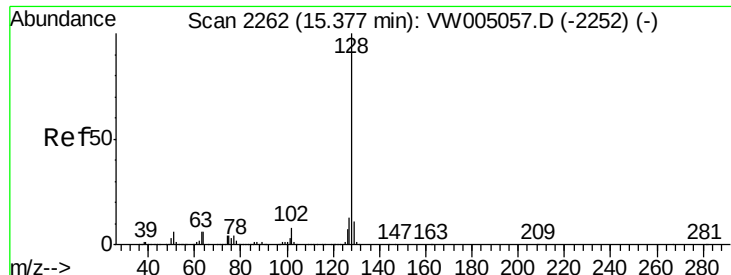
Tgt Ion: 75 Resp: 75328
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.505 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW005075.D
 Acq: 01 Sep 2018 09:32

Tgt Ion: 75 Resp: 75328
 Ion Ratio Lower Upper
 75 100
 53 0.4 69.8 104.8#
 89 0.1 36.0 54.0#

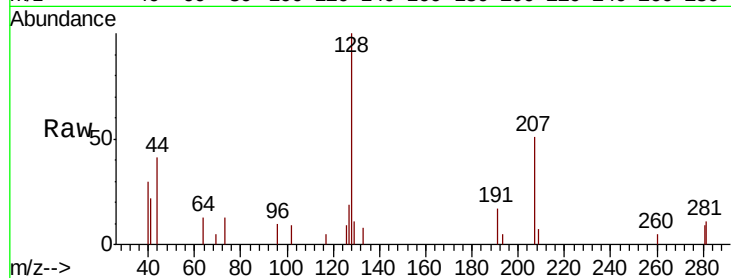




#95
Naphthalene
Concen: 4.220 ug/l
RT: 15.37 min Scan# 2261
Delta R.T. -0.01 min
Lab File: VW005075.D
Acq: 01 Sep 2018 09:32

Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-05-9.5-10RE

Tgt Ion	Ratio	Lower	Upper
128	100		
127	6.0	10.4	15.6#
129	11.4	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

