

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090718\
 Data File : VW005214.D
 Acq On : 07 Sep 2018 17:24
 Operator : SY/AP
 Sample : J4748-05RE
 Misc : 4.06G/5ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-12RE

Quant Time: Sep 08 01:20:21 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

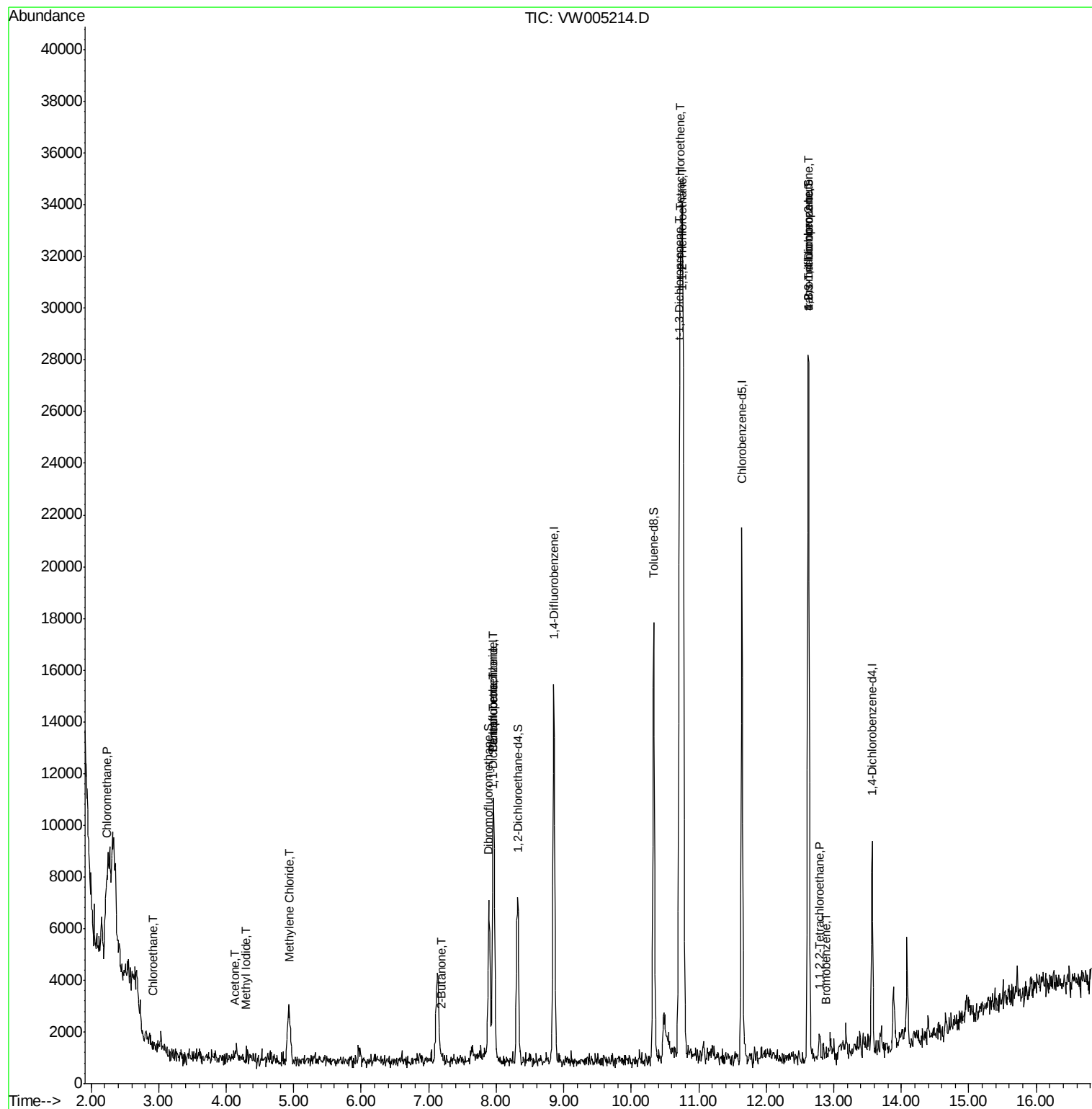
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	9014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	13540	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	12126	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	2661	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	5570	74.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	149.08%	
35) Dibromofluoromethane	7.89	113	4508	57.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.22%	
50) Toluene-d8	10.33	98	12628	35.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.06%	
62) 4-Bromofluorobenzene	12.63	95	3325	26.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	52.30%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.22	50	565	5.360	ug/l	95
5) Bromomethane	2.80	94	199	Below Cal		82
6) Chloroethane	2.92	64	85	1.332	ug/l #	43
10) Methyl Iodide	4.29	142	119	4.747	ug/l #	72
11) Tert butyl alcohol	5.14	59	136	Below Cal	#	72
16) Acetone	4.14	43	507	33.833	ug/l #	39
20) Methylene Chloride	4.93	84	1791	14.964	ug/l #	79
25) 2-Butanone	7.19	43	104	4.001	ug/l #	46
36) 1,1-Dichloropropene	7.95	75	302	2.342	ug/l #	40
38) Carbon Tetrachloride	7.96	117	862	7.030	ug/l #	12
53) t-1,3-Dichloropropene	10.71	75	347	3.041	ug/l #	59
55) 1,1,2-Trichloroethane	10.74	97	516	7.227	ug/l #	16
64) Tetrachloroethene	10.73	164	131	1.377	ug/l #	18
75) 1,1,2,2-Tetrachloroethane	12.79	83	81	2.836	ug/l #	25
76) 1,2,3-Trichloropropane	12.62	75	1598	80.004	ug/l #	100
77) Bromobenzene	12.87	156	49	1.060	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	1598	192.560	ug/l #	14

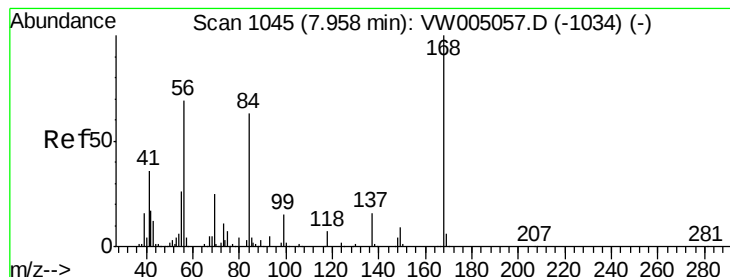
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW090718\
Data File : VW005214.D
Acq On : 07 Sep 2018 17:24
Operator : SY/AP
Sample : J4748-05RE
Misc : 4.06G/5ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-12RE

Quant Time: Sep 08 01:20:21 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# 993

Delta R.T. -0.00 min

Lab File: VW005214.D

Acq: 07 Sep 2018 17:24

Instrument :

MSVOA_W

ClientSampleId :

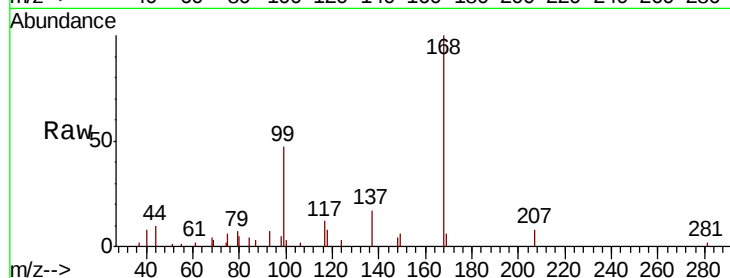
SB-12RE

Tgt Ion:168 Resp: 9014

Ion Ratio Lower Upper

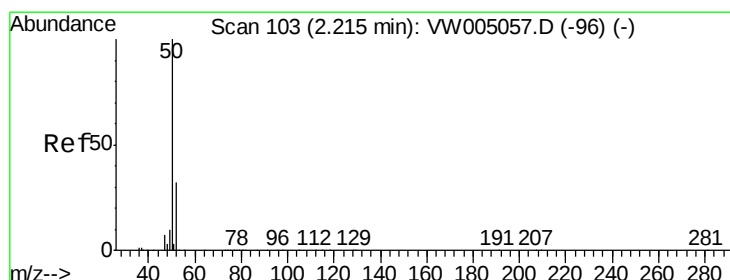
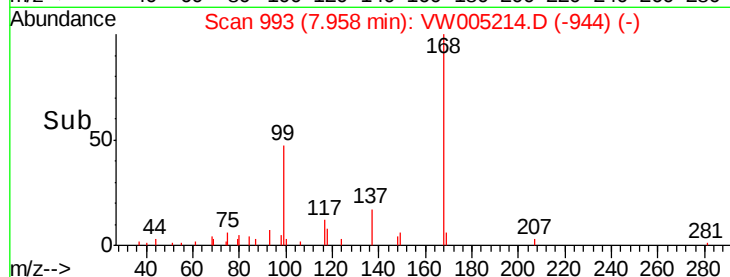
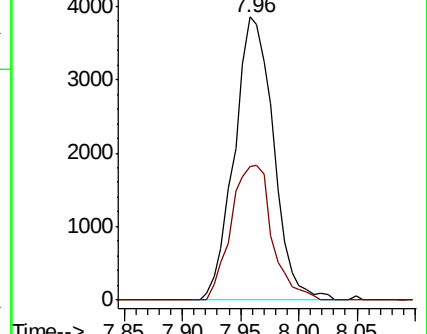
168 100

99 47.1 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#3

Chloromethane

Concen: 5.360 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW005214.D

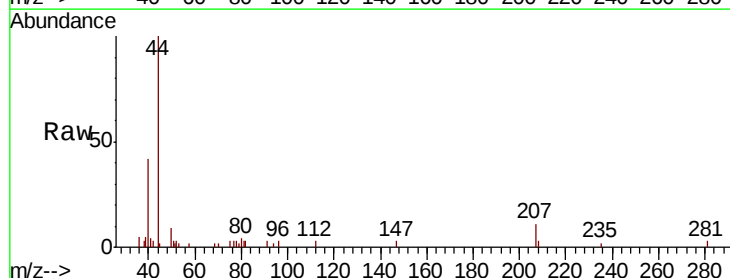
Acq: 07 Sep 2018 17:24

Tgt Ion: 50 Resp: 565

Ion Ratio Lower Upper

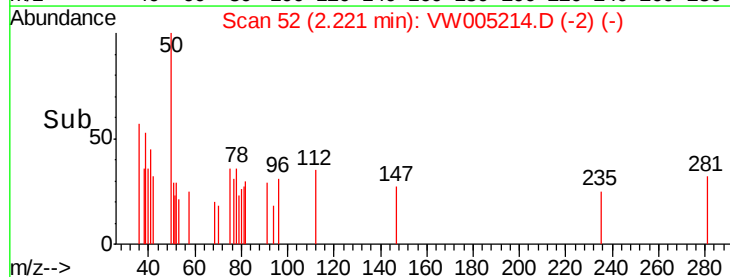
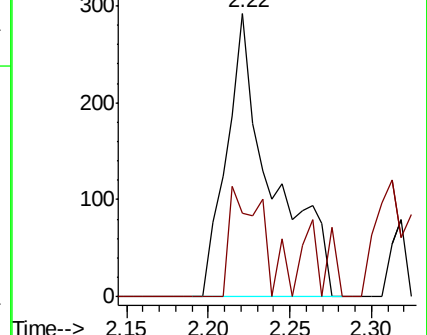
50 100

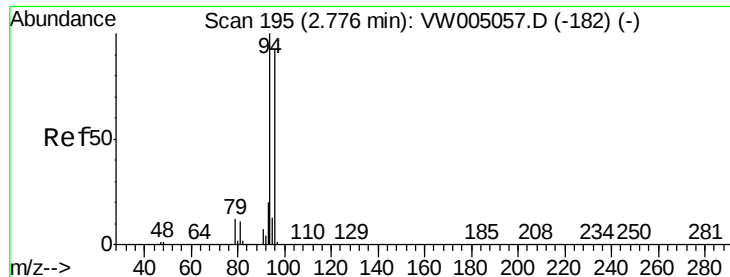
52 29.5 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW





#5

Bromomethane

Concen: Below Cal

RT: 2.80 min Scan# 147

Delta R.T. 0.02 min

Lab File: VW005214.D

Acq: 07 Sep 2018 17:24

Instrument :

MSVOA_W

ClientSampleId :

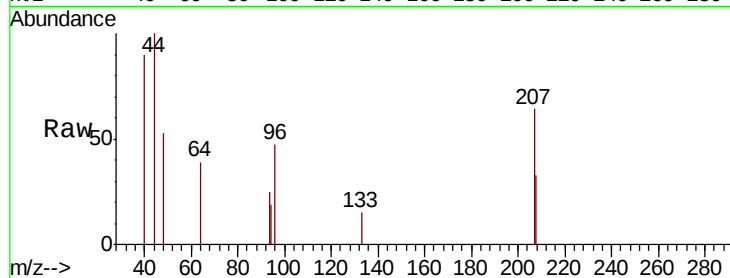
SB-12RE

Tgt Ion: 94 Resp: 199

Ion Ratio Lower Upper

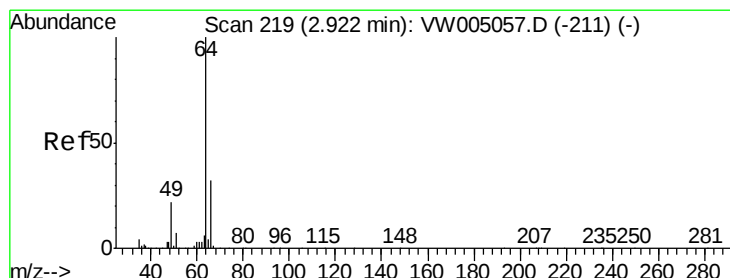
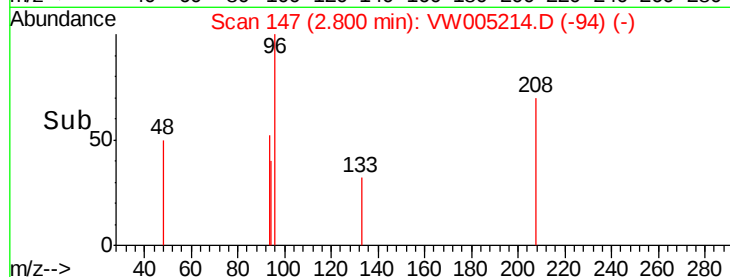
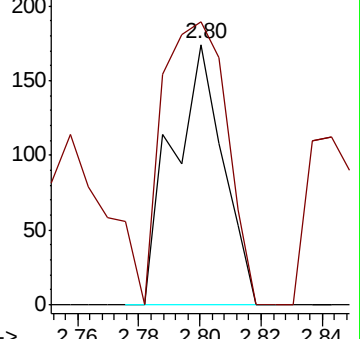
94 100

96 108.6 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 1.332 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW005214.D

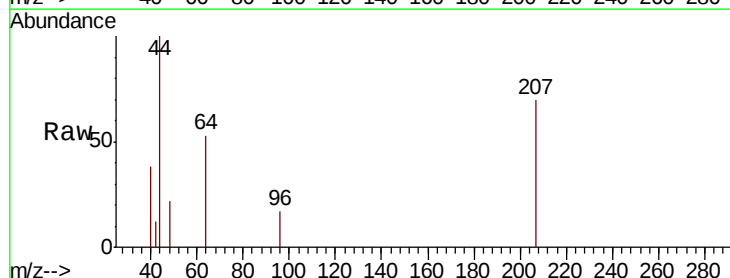
Acq: 07 Sep 2018 17:24

Tgt Ion: 64 Resp: 85

Ion Ratio Lower Upper

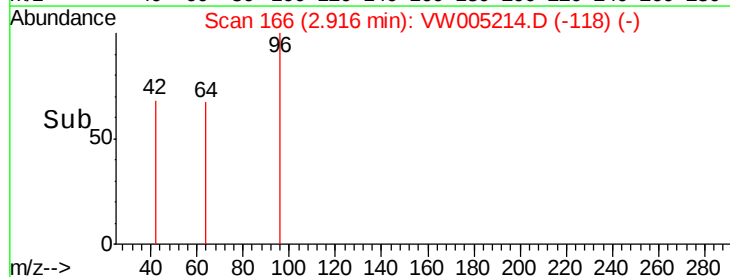
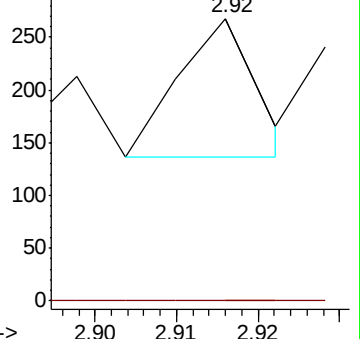
64 100

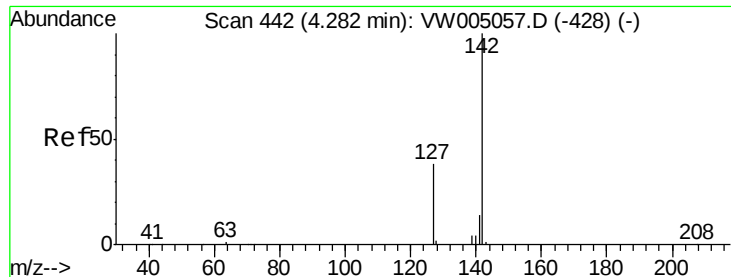
66 0.0 25.7 38.5#



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

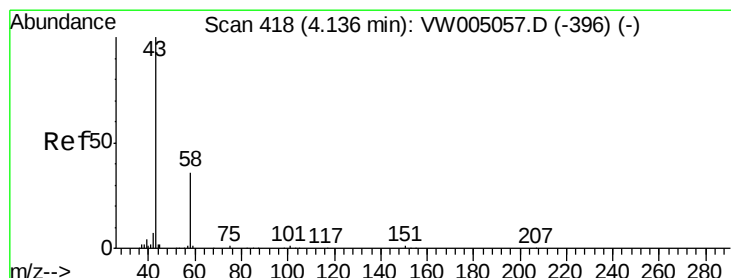
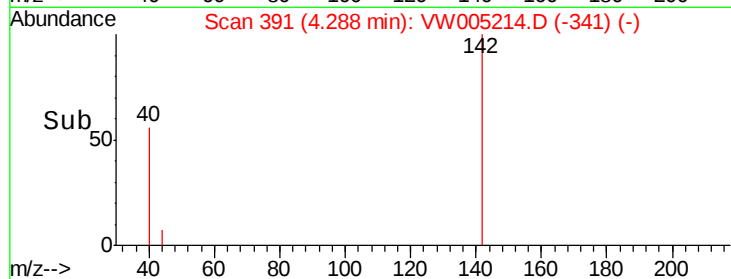
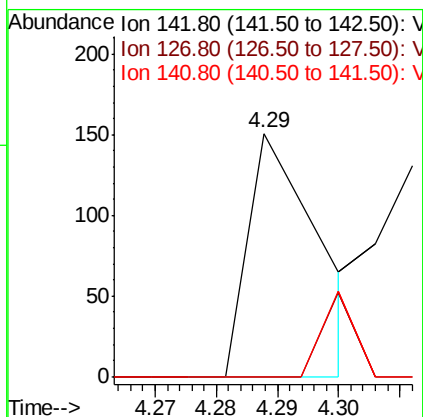
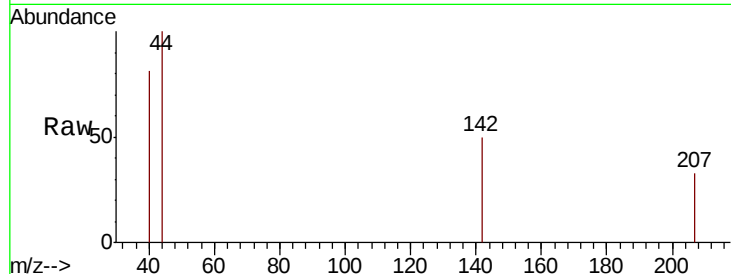




#10
Methyl Iodide
Concen: 4.747 ug/l
RT: 4.29 min Scan# 391
Delta R.T. 0.01 min
Lab File: VW005214.D
Acq: 07 Sep 2018 17:24

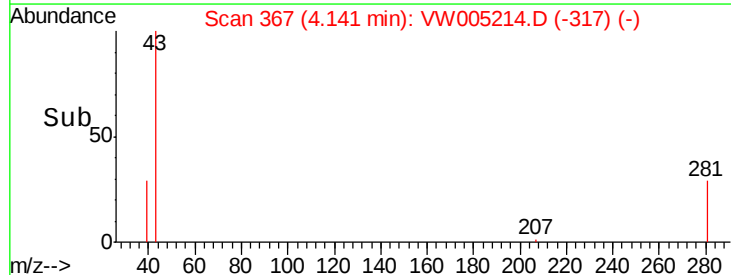
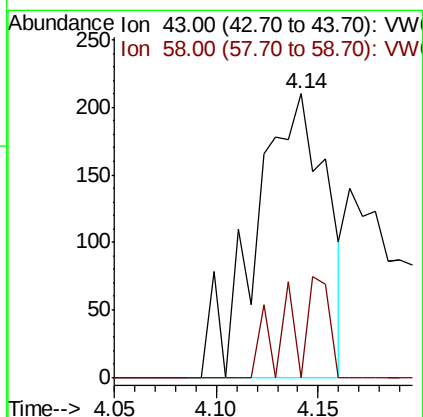
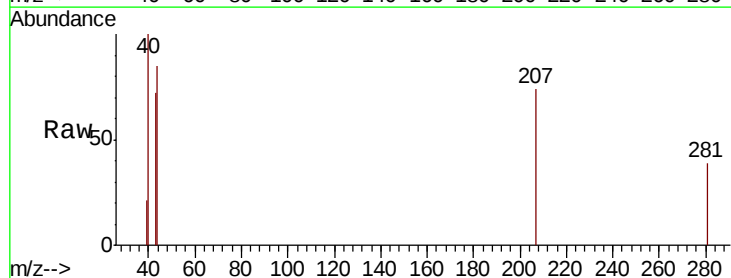
Instrument :
MSVOA_W
ClientSampled :
SB-12RE

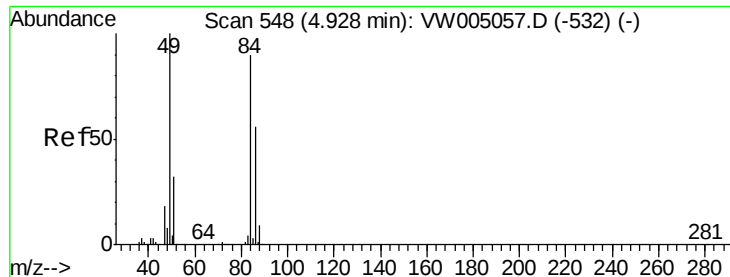
Tgt Ion:142 Resp: 119
Ion Ratio Lower Upper
142 100
127 16.0 30.8 46.2#
141 16.0 11.6 17.4



#16
Acetone
Concen: 33.833 ug/l
RT: 4.14 min Scan# 367
Delta R.T. 0.01 min
Lab File: VW005214.D
Acq: 07 Sep 2018 17:24

Tgt Ion: 43 Resp: 507
Ion Ratio Lower Upper
43 100
58 0.0 29.0 43.6#

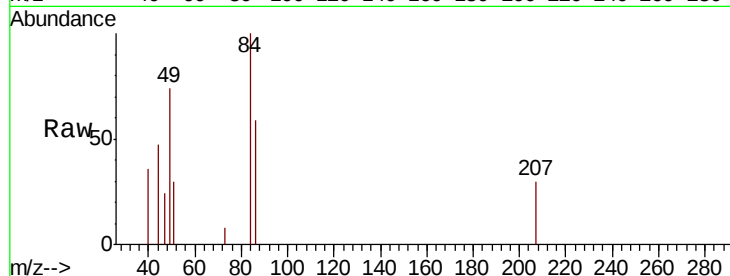




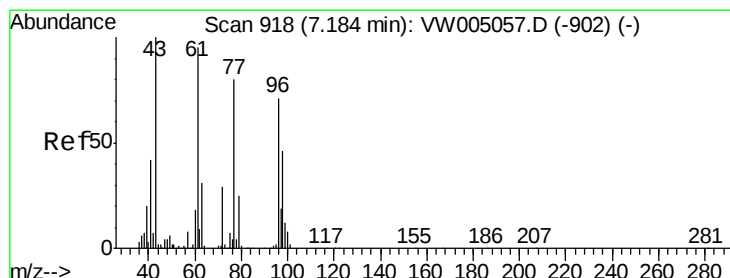
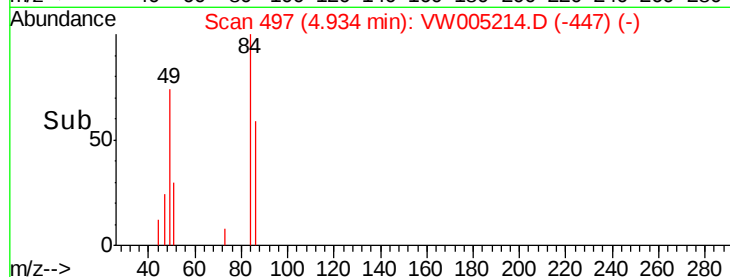
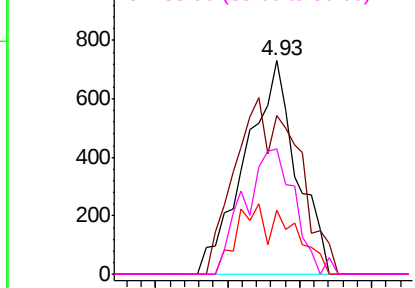
#20
Methylene Chloride
Concen: 14.964 ug/l
RT: 4.93 min Scan# 497
Delta R.T. 0.01 min
Lab File: VW005214.D
Acq: 07 Sep 2018 17:24

Instrument :
MSVOA_W
ClientSampleId :
SB-12RE

Tgt Ion:	84	Resp:	1791
Ion	Ratio	Lower	Upper
84	100		
49	74.3	88.7	133.1#
51	30.1	28.6	42.8
86	58.7	49.4	74.2

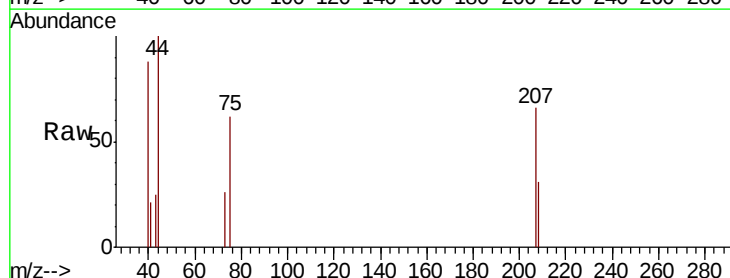


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

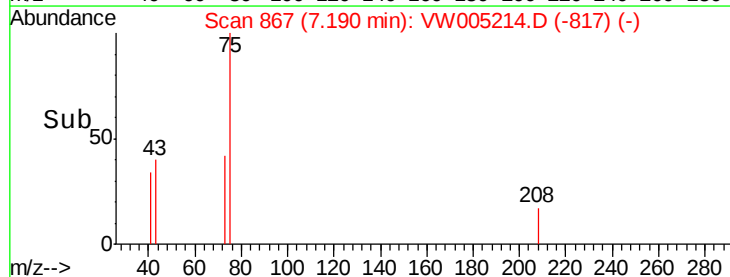
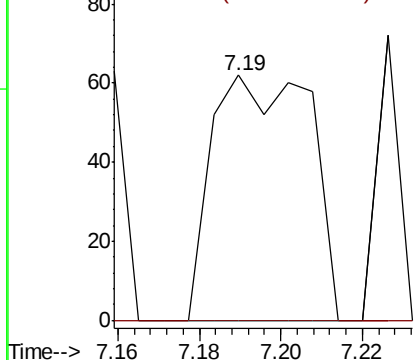


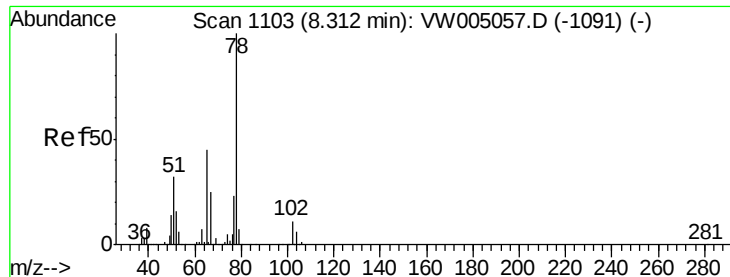
#25
2-Butanone
Concen: 4.001 ug/l
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: VW005214.D
Acq: 07 Sep 2018 17:24

Tgt Ion:	43	Resp:	104
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.1	34.7#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW

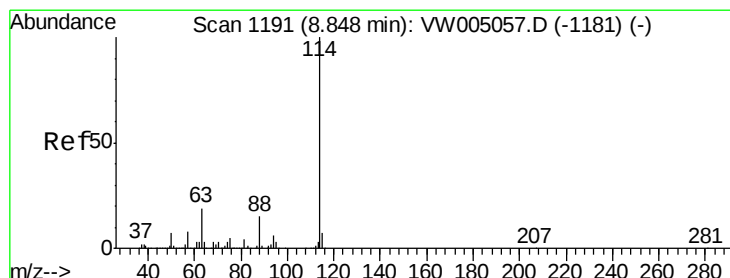
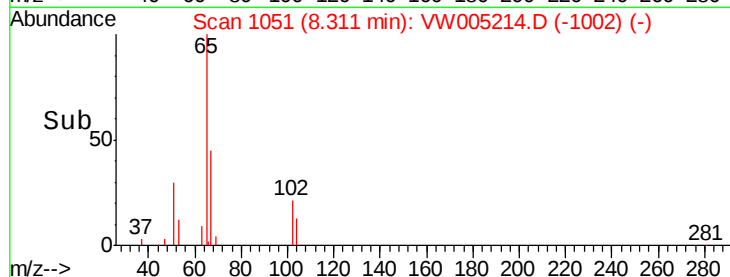
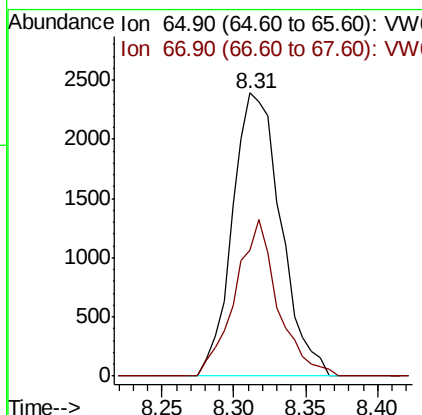
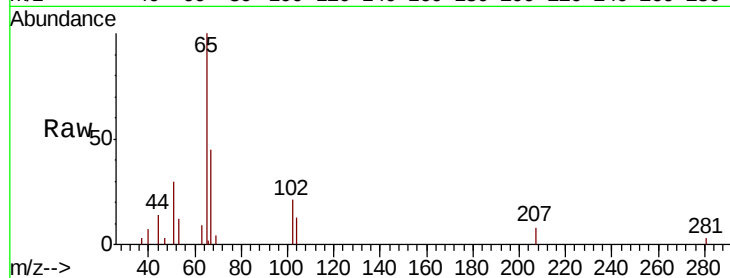




#33
 1,2-Dichloroethane-d4
 Concen: 74.543 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005214.D
 Acq: 07 Sep 2018 17:24

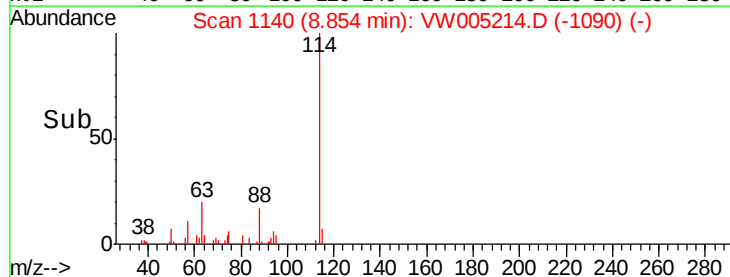
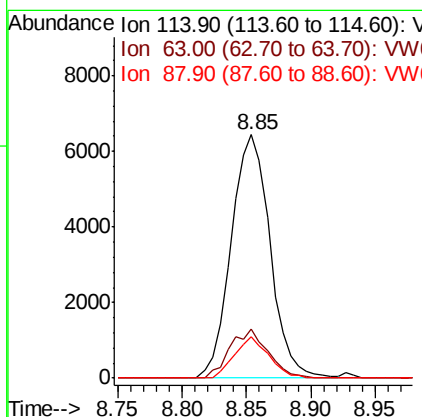
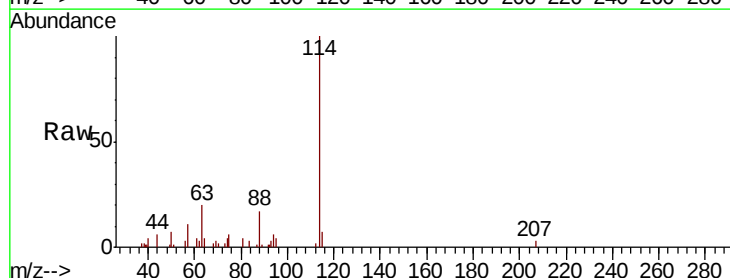
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-12RE

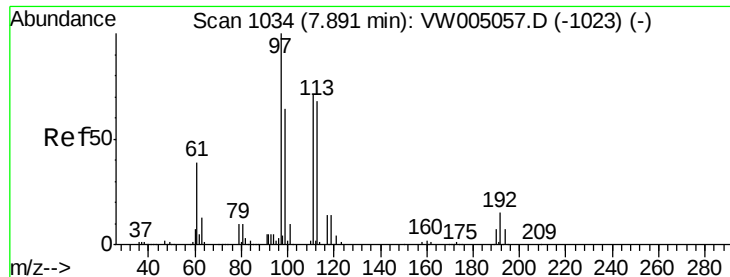
Tgt Ion: 65 Resp: 5570
 Ion Ratio Lower Upper
 65 100
 67 48.9 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: VW005214.D
 Acq: 07 Sep 2018 17:24

Tgt Ion: 114 Resp: 13540
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 38.0
 88 16.9 0.0 30.2





#35

Dibromofluoromethane

Concen: 57.613 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW005214.D

Acq: 07 Sep 2018 17:24

Instrument :

MSVOA_W

ClientSampled :

SB-12RE

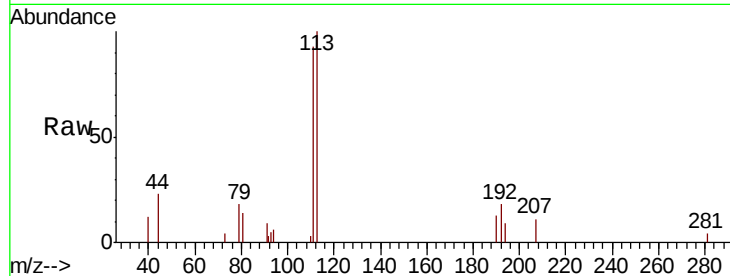
Tgt Ion:113 Resp: 4508

Ion Ratio Lower Upper

113 100

111 95.9 82.2 123.2

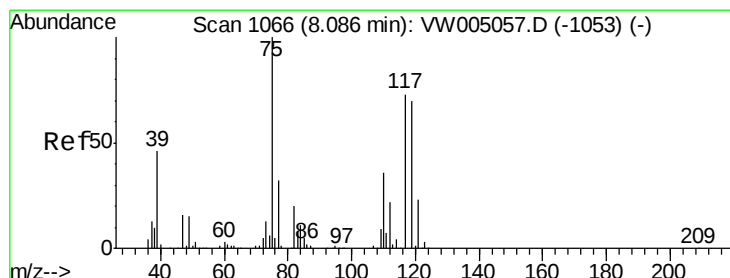
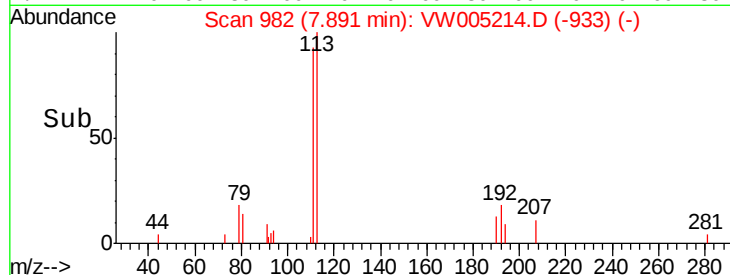
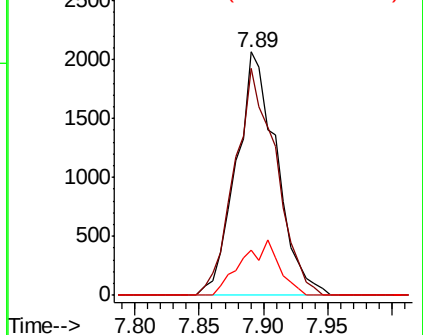
192 21.0 18.1 27.1



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: 2.342 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW005214.D

Acq: 07 Sep 2018 17:24

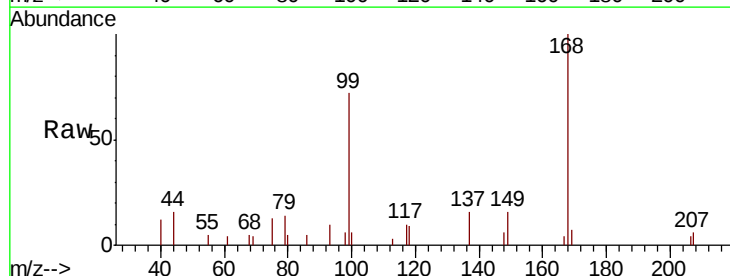
Tgt Ion: 75 Resp: 302

Ion Ratio Lower Upper

75 100

110 0.0 18.9 56.7#

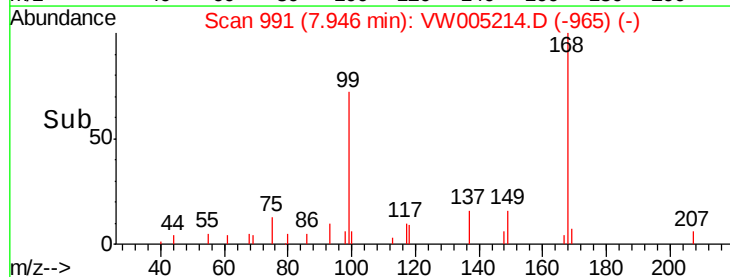
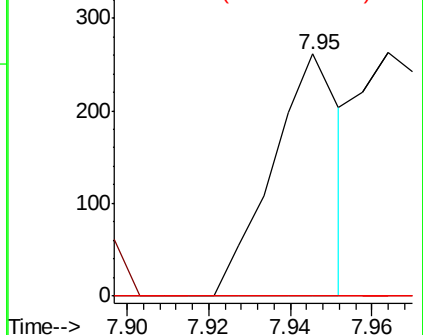
77 0.0 25.5 38.3#

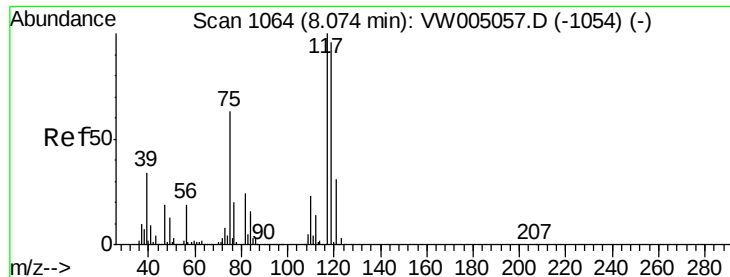


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 7.030 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.12 min

Lab File: VW005214.D

Acq: 07 Sep 2018 17:24

Instrument :

MSVOA_W

ClientSampled :

SB-12RE

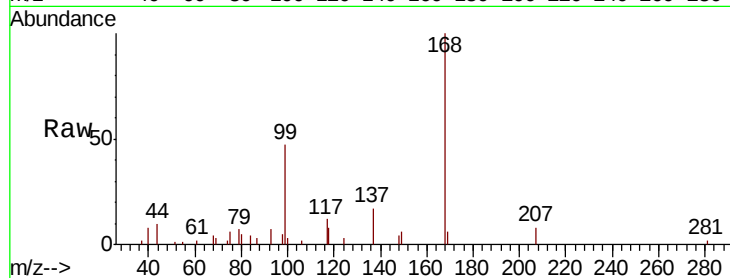
Tgt Ion:117 Resp: 862

Ion Ratio Lower Upper

117 100

119 0.0 76.6 115.0#

121 0.0 24.8 37.2#

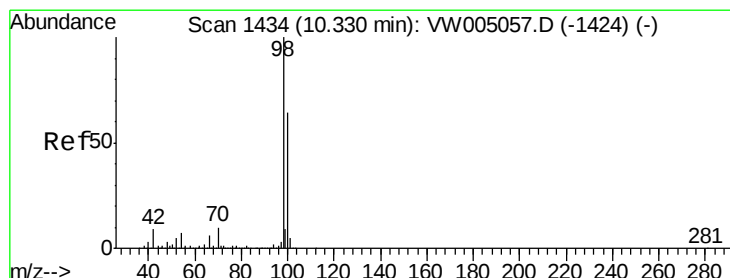
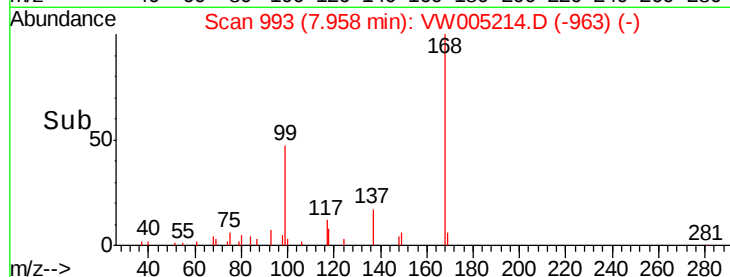
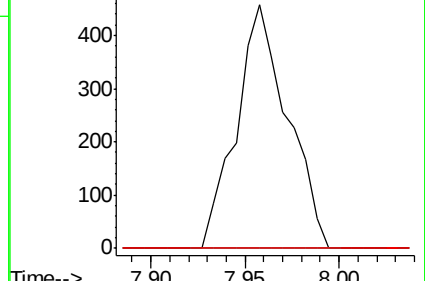


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

7.96



#50

Toluene-d8

Concen: 35.025 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005214.D

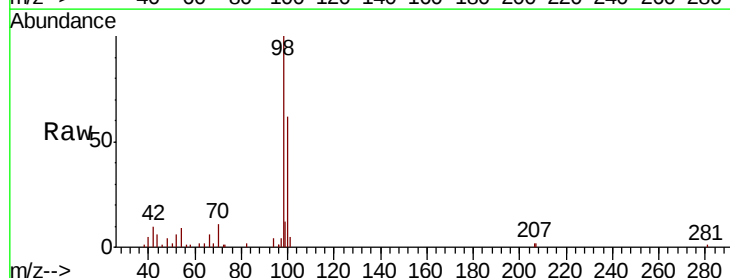
Acq: 07 Sep 2018 17:24

Tgt Ion: 98 Resp: 12628

Ion Ratio Lower Upper

98 100

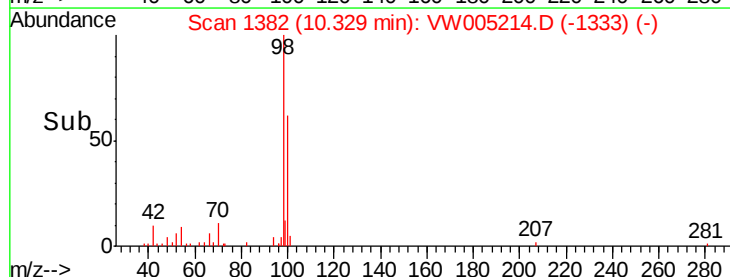
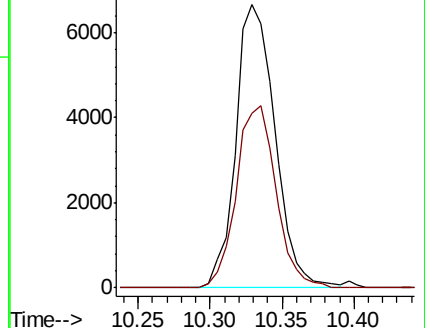
100 64.9 51.7 77.5

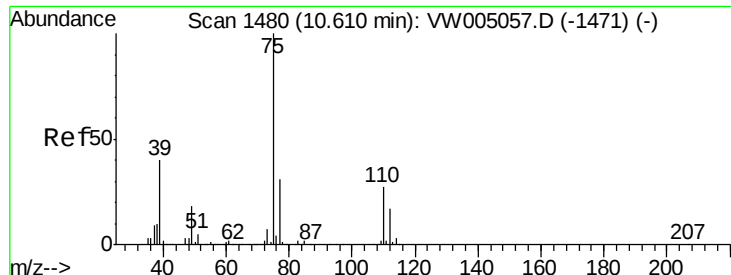


Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.33





#53

t-1,3-Dichloropropene

Concen: 3.041 ug/l

RT: 10.71 min Scan# 1444

Delta R.T. 0.10 min

Lab File: VW005214.D

Acq: 07 Sep 2018 17:24

Instrument :

MSVOA_W

ClientSampled :

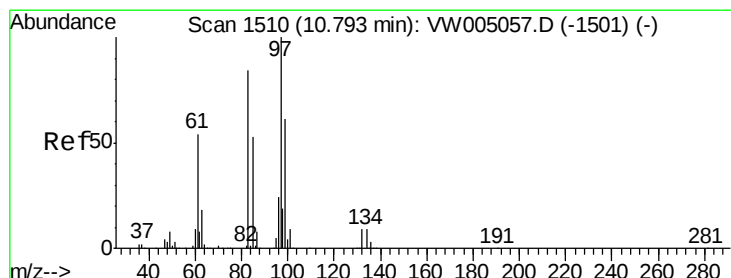
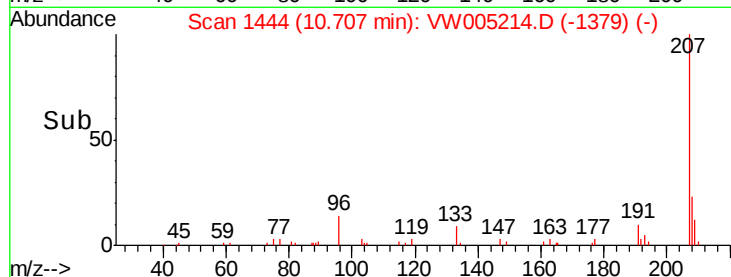
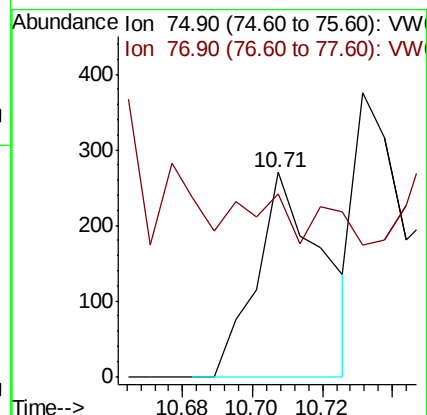
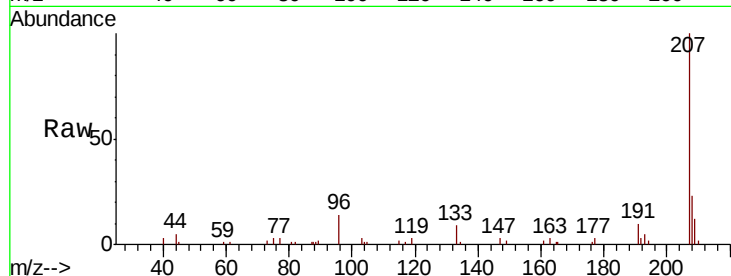
SB-12RE

Tgt Ion: 75 Resp: 347

Ion Ratio Lower Upper

75 100

77 8.9 25.0 37.6#



#55

1,1,2-Trichloroethane

Concen: 7.227 ug/l

RT: 10.74 min Scan# 1450

Delta R.T. -0.05 min

Lab File: VW005214.D

Acq: 07 Sep 2018 17:24

Tgt Ion: 97 Resp: 516

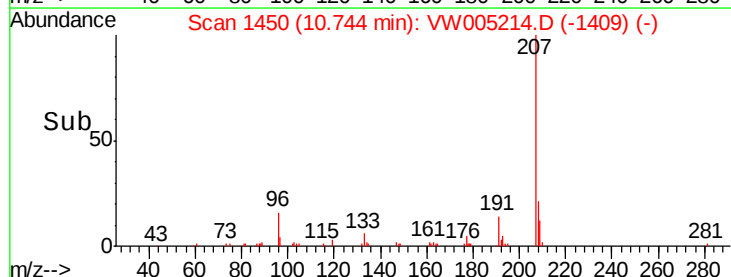
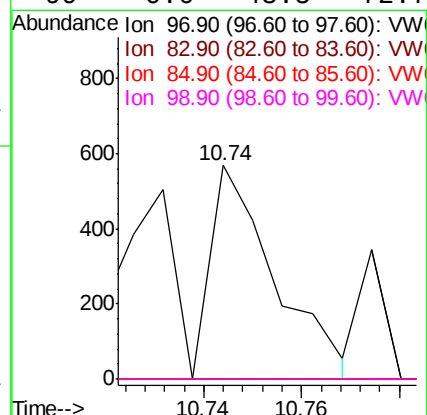
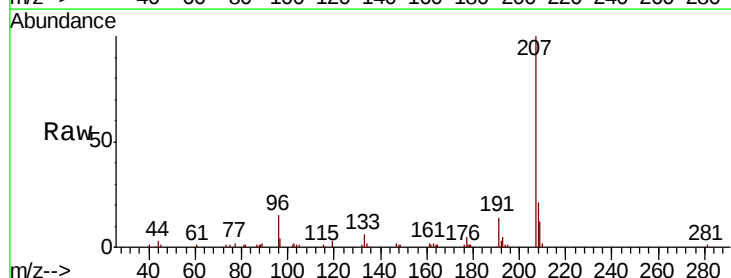
Ion Ratio Lower Upper

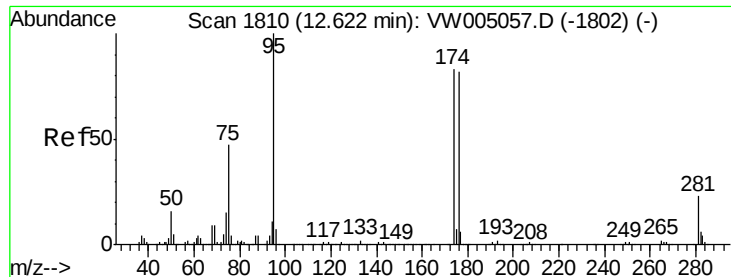
97 100

83 0.0 67.0 100.6#

85 0.0 42.3 63.5#

99 0.0 48.5 72.7#

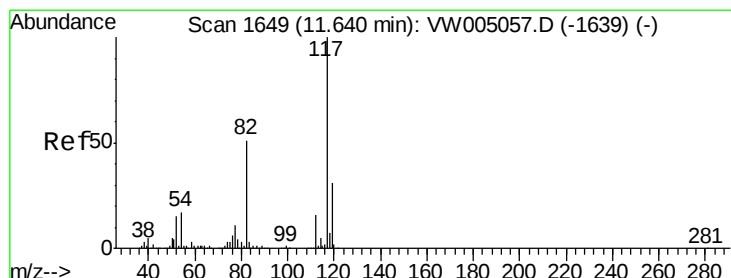
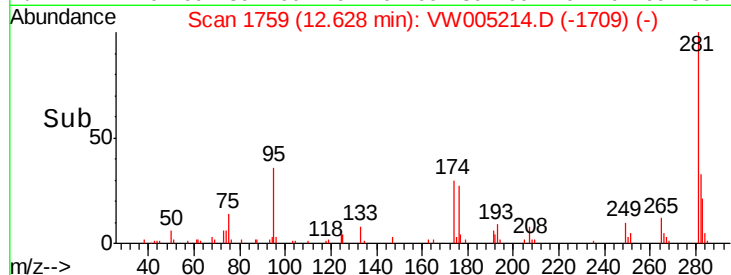
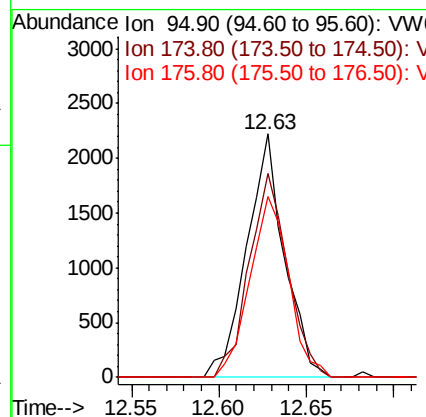
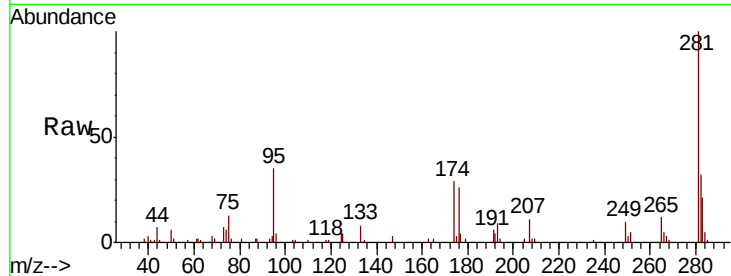




#62
4-Bromofluorobenzene
Concen: 26.154 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. 0.01 min
Lab File: VW005214.D
Acq: 07 Sep 2018 17:24

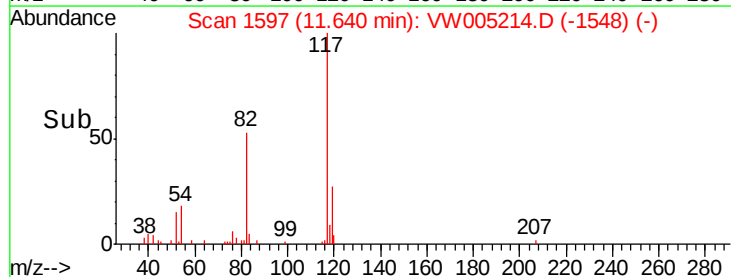
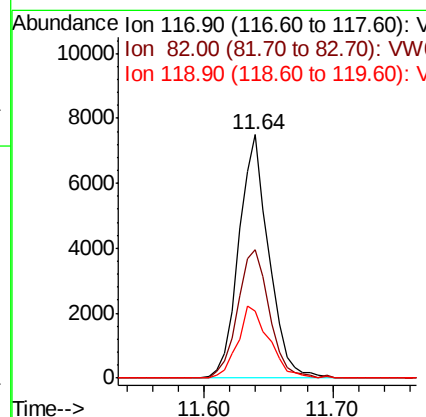
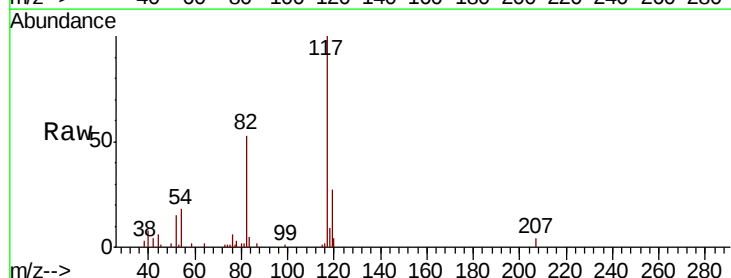
Instrument :
MSVOA_W
ClientSampleId :
SB-12RE

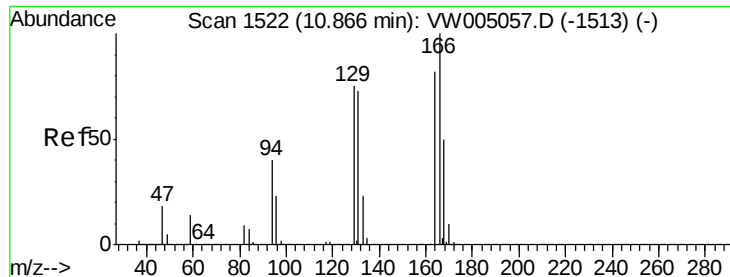
Tgt Ion: 95 Resp: 3325
Ion Ratio Lower Upper
95 100
174 85.9 0.0 173.4
176 76.8 0.0 167.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005214.D
Acq: 07 Sep 2018 17:24

Tgt Ion: 117 Resp: 12126
Ion Ratio Lower Upper
117 100
82 52.8 40.9 61.3
119 27.4 24.9 37.3





#64

Tetrachloroethene

Concen: 1.377 ug/l

RT: 10.73 min Scan# 1448

Delta R.T. -0.13 min

Lab File: VW005214.D

Acq: 07 Sep 2018 17:24

Instrument :

MSVOA_W

ClientSampleId :

SB-12RE

Tgt Ion:164 Resp: 131

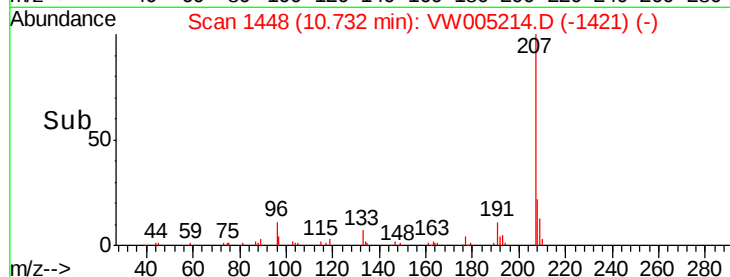
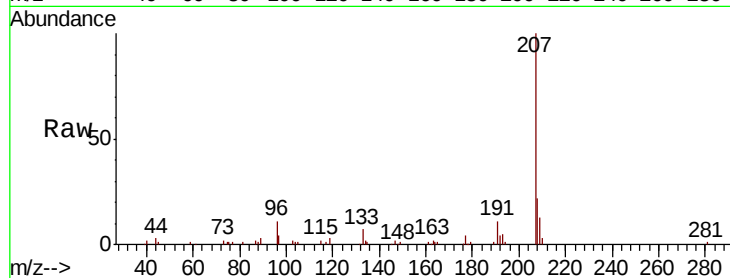
Ion Ratio Lower Upper

164 100

166 0.0 97.3 145.9#

129 0.0 73.1 109.7#

131 60.4 71.3 106.9#

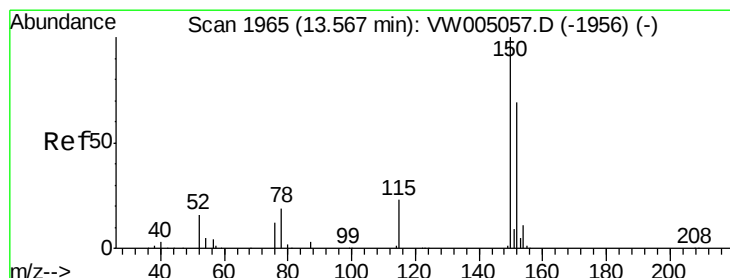
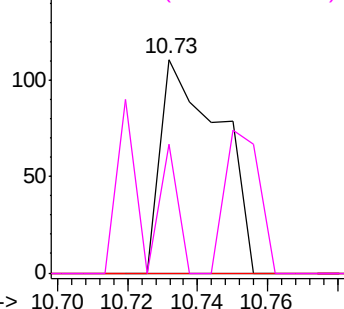


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1914

Delta R.T. 0.01 min

Lab File: VW005214.D

Acq: 07 Sep 2018 17:24

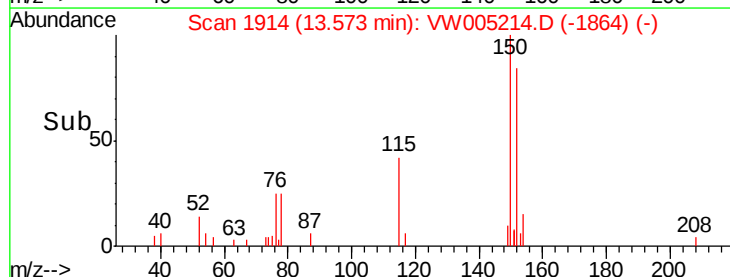
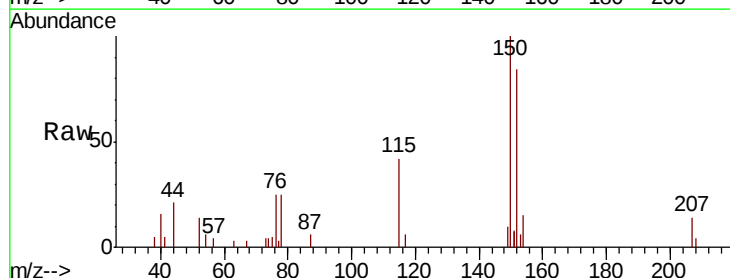
Tgt Ion:152 Resp: 2661

Ion Ratio Lower Upper

152 100

115 50.7 27.8 83.4

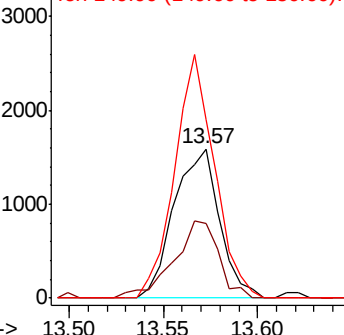
150 142.5 0.0 351.4

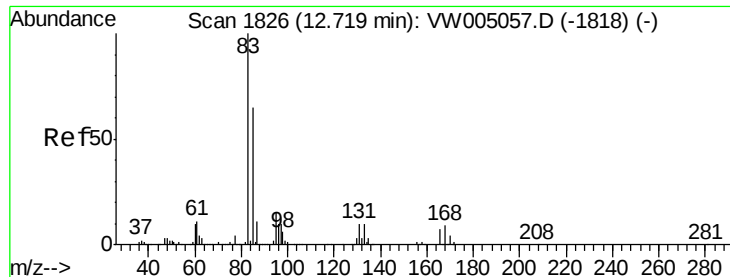


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#75

1,1,2,2-Tetrachloroethane

Concen: 2.836 ug/l

RT: 12.79 min Scan# 1786

Delta R.T. 0.07 min

Lab File: VW005214.D

Acq: 07 Sep 2018 17:24

Instrument :

MSVOA_W

ClientSampleId :

SB-12RE

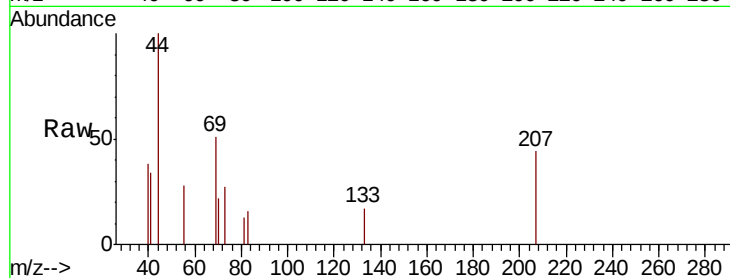
Tgt Ion: 83 Resp: 81

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

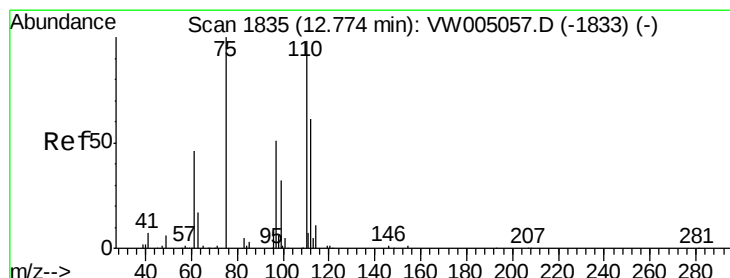
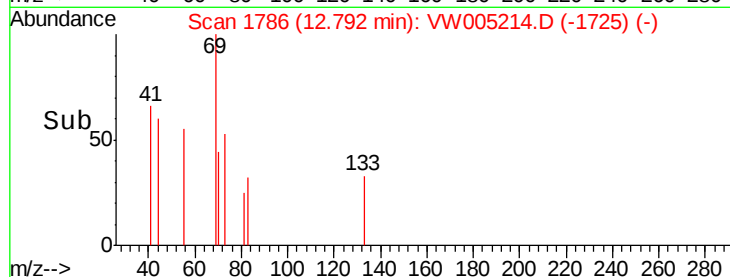
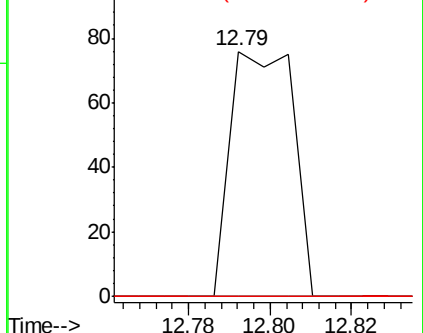
85 0.0 32.5 97.4#



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 80.004 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005214.D

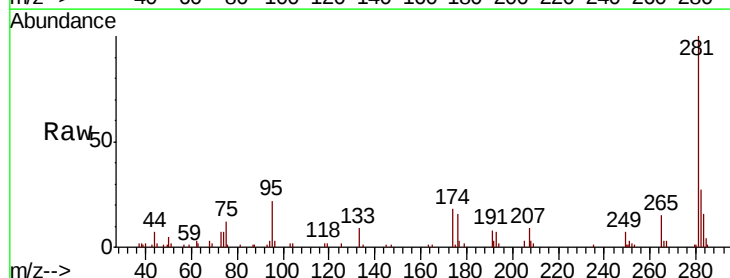
Acq: 07 Sep 2018 17:24

Tgt Ion: 75 Resp: 1598

Ion Ratio Lower Upper

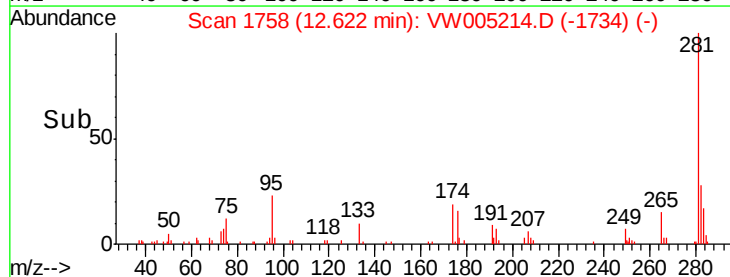
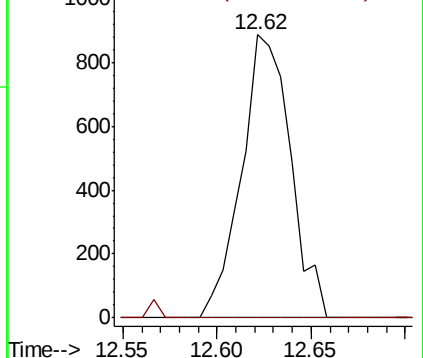
75 100

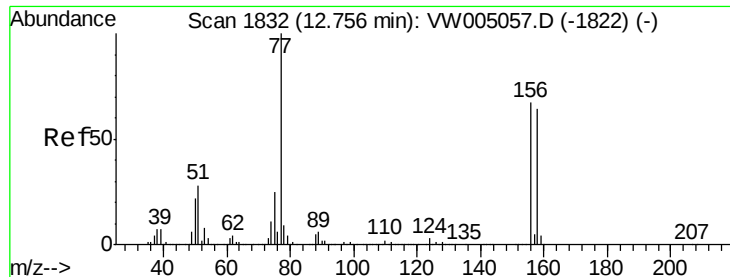
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 1.060 ug/l

RT: 12.87 min Scan# 1799

Delta R.T. 0.12 min

Lab File: VW005214.D

Acq: 07 Sep 2018 17:24

Instrument :

MSVOA_W

ClientSampled :

SB-12RE

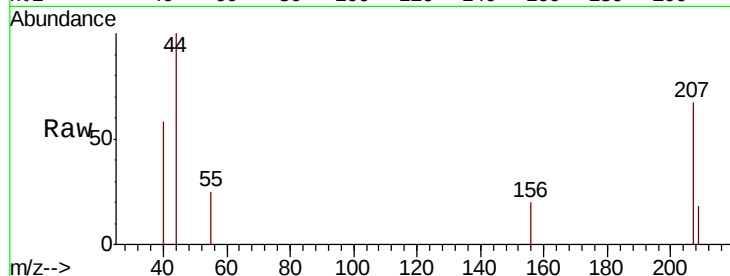
Tgt Ion:156 Resp: 49

Ion Ratio Lower Upper

156 100

77 0.0 85.8 257.4#

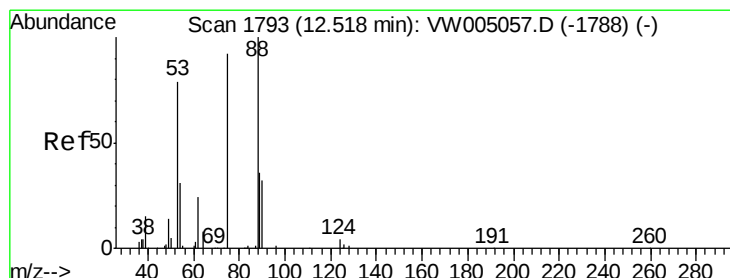
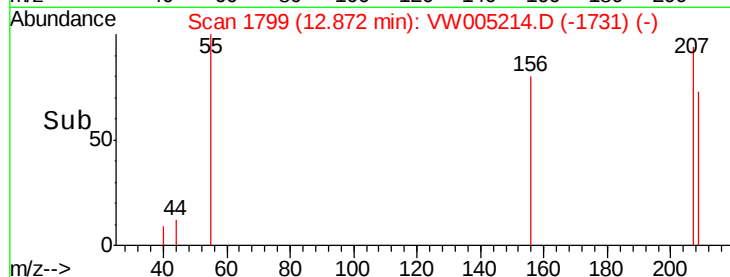
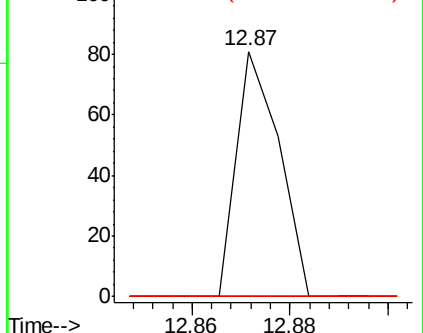
158 0.0 48.1 144.4#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#81

trans-1,4-Dichloro-2-butene

Concen: 192.560 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005214.D

Acq: 07 Sep 2018 17:24

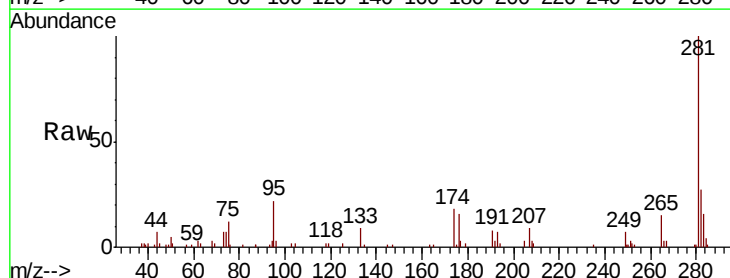
Tgt Ion: 75 Resp: 1598

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.8#

89 0.0 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

