

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120920\
 Data File : VD067918.D
 Acq On : 09 Dec 2020 10:33
 Operator : VA/SY
 Sample : VD1209SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1209SBL01

Quant Time: Dec 10 03:29:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 02 08:05:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	240919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	329456	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	295569	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	144819	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	109873	42.48	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	84.96%		
35) Dibromofluoromethane	7.92	113	97786	44.36	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	88.72%		
50) Toluene-d8	10.34	98	369941	46.62	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.24%		
62) 4-Bromofluorobenzene	12.64	95	121923	44.44	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	88.88%		

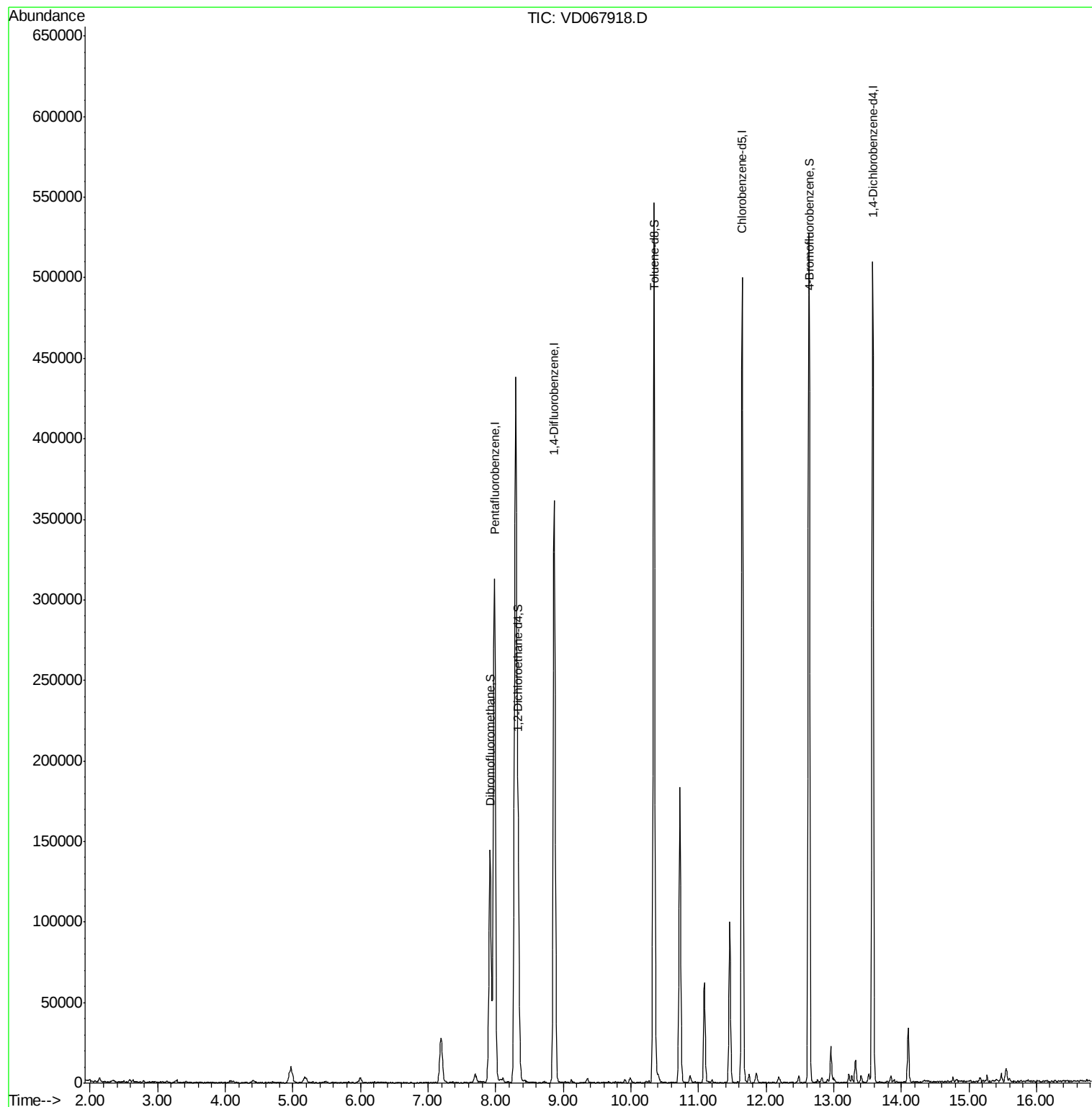
Target Compounds	Qvalue

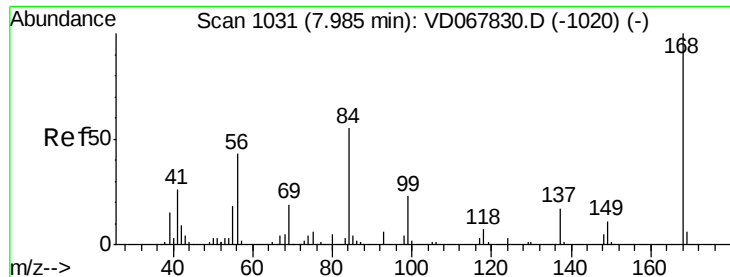
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067918.D

Acq: 09 Dec 2020 10:33

Instrument :

MSVOA_D

ClientSampleId :

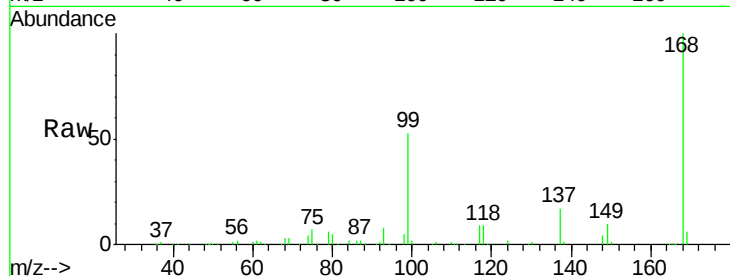
VD1209SBL01

Tot Ion:168 Resp: 240919

Ion Ratio Lower Upper

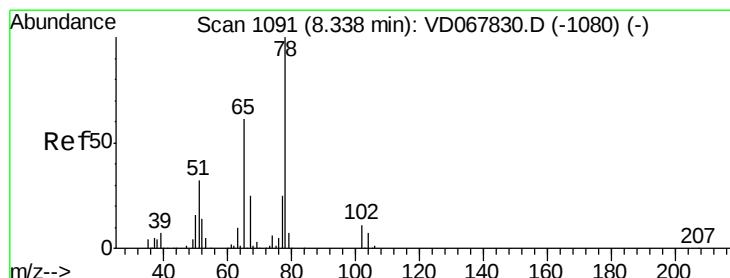
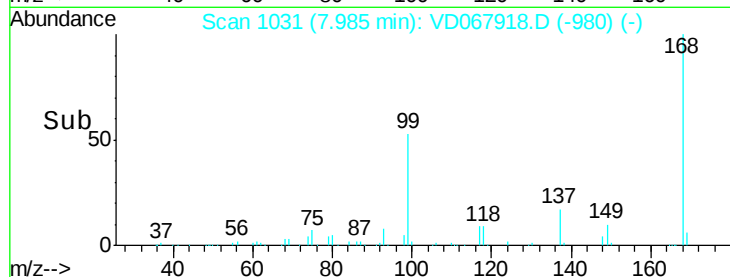
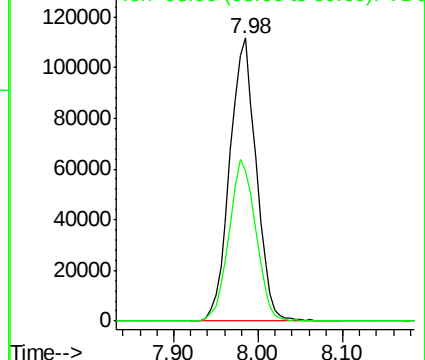
168 100

99 52.7 47.1 70.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 42.482 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067918.D

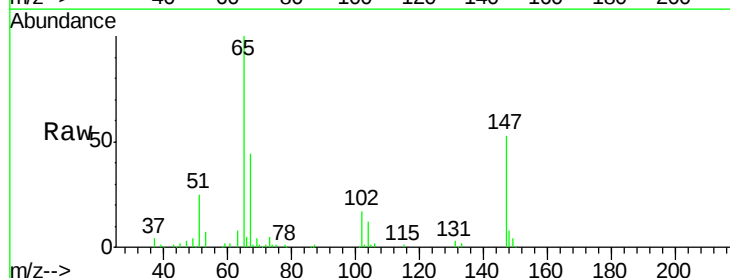
Acq: 09 Dec 2020 10:33

Tgt Ion: 65 Resp: 109873

Ion Ratio Lower Upper

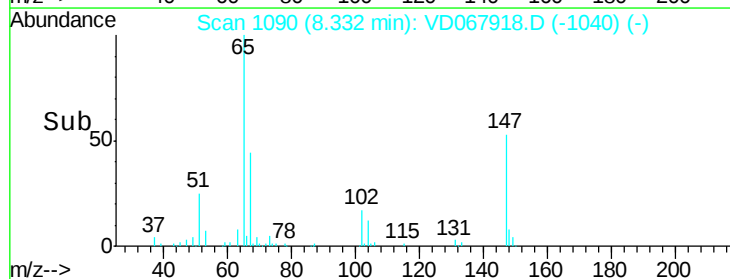
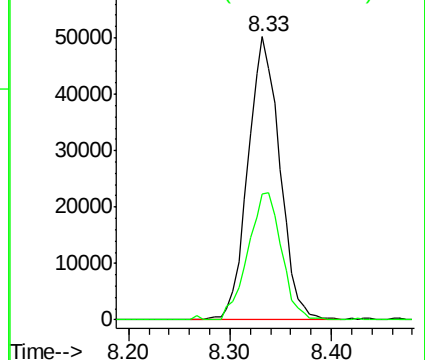
65 100

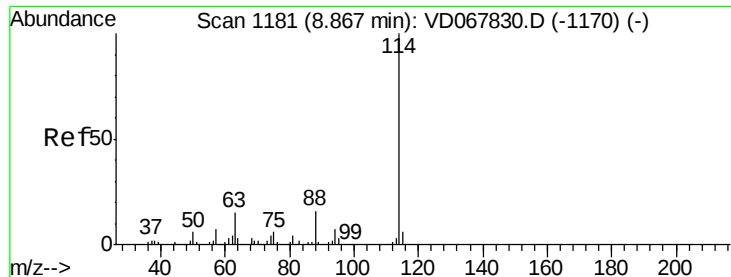
67 47.0 0.0 92.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

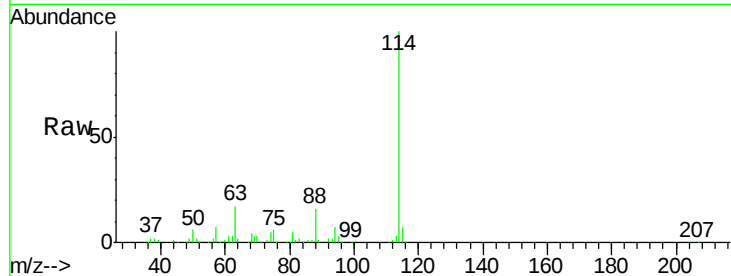




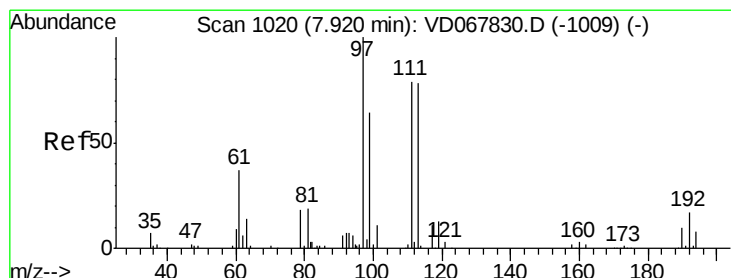
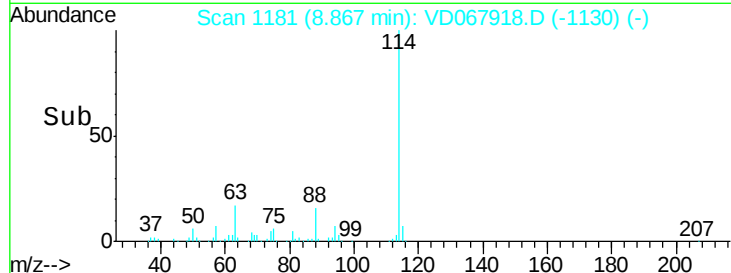
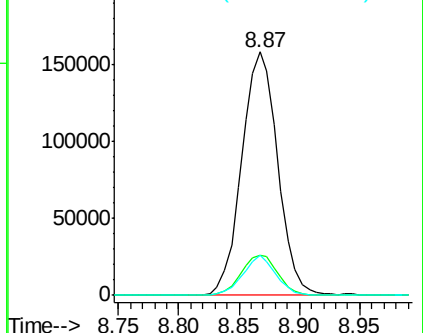
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067918.D
 Acq: 09 Dec 2020 10:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1209SBL01

Tot Ion:114 Resp: 329456
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 30.8
 88 16.2 0.0 31.8

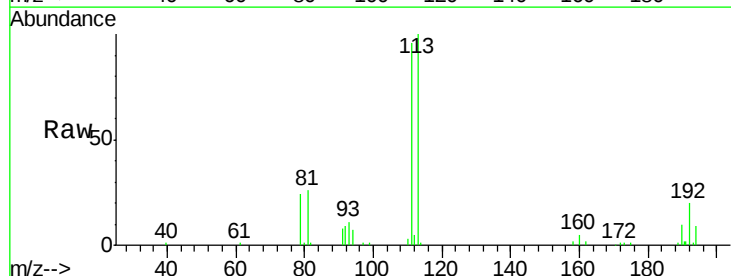


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

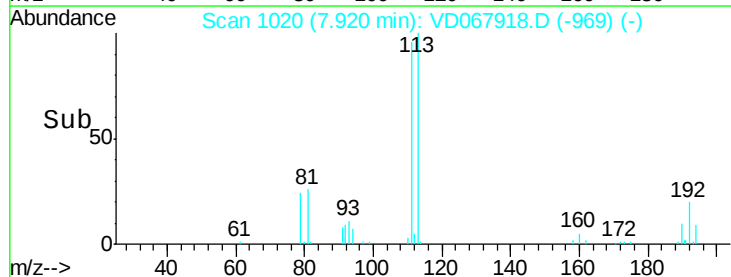
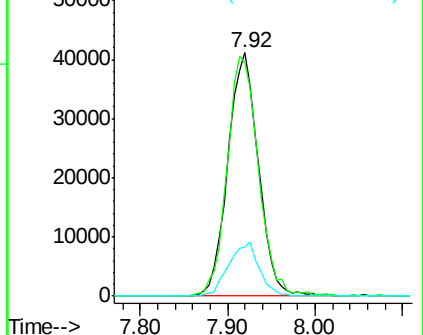


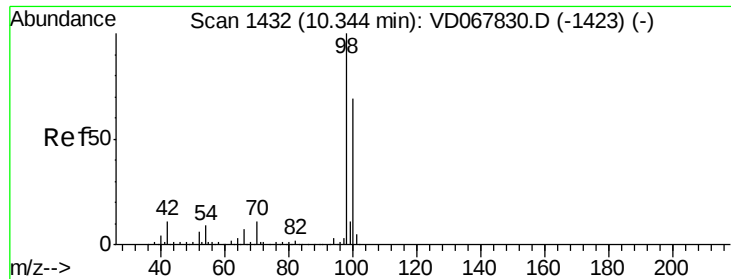
#35
 Dibromofluoromethane
 Concen: 44.357 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD067918.D
 Acq: 09 Dec 2020 10:33

Tgt Ion:113 Resp: 97786
 Ion Ratio Lower Upper
 113 100
 111 100.7 81.2 121.8
 192 21.8 16.8 25.2



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





#50

Toluene-d8

Concen: 46.616 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067918.D

Acq: 09 Dec 2020 10:33

Instrument :

MSVOA_D

ClientSampleId :

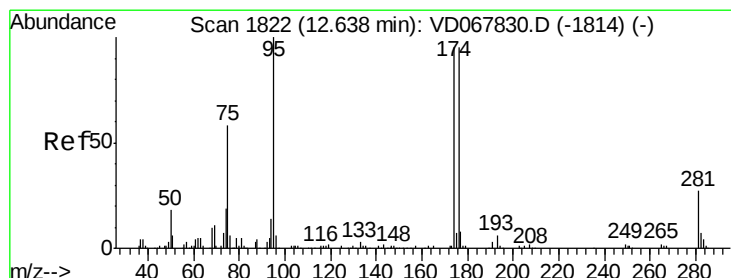
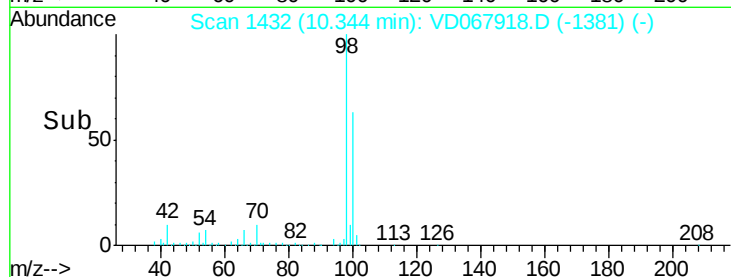
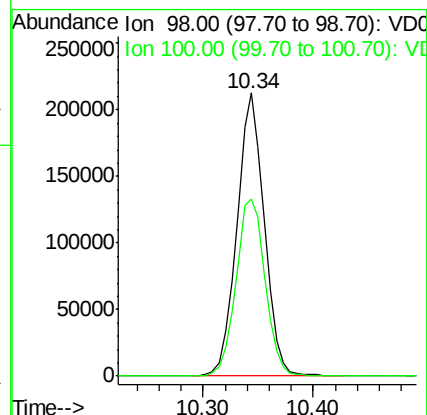
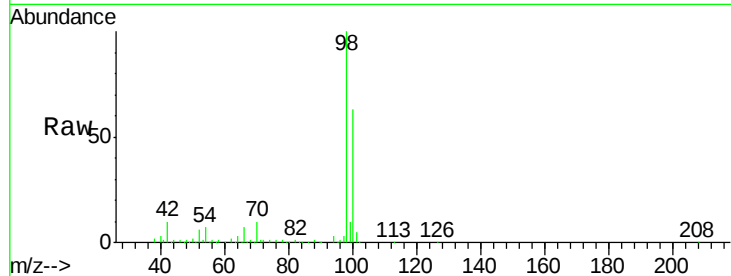
VD1209SBL01

Tot Ion: 98 Resp: 369941

Ion Ratio Lower Upper

98 100

100 66.7 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 44.438 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067918.D

Acq: 09 Dec 2020 10:33

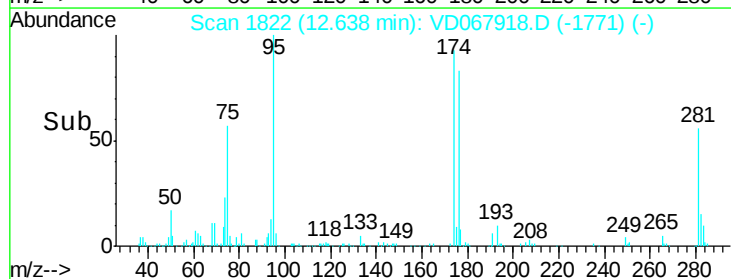
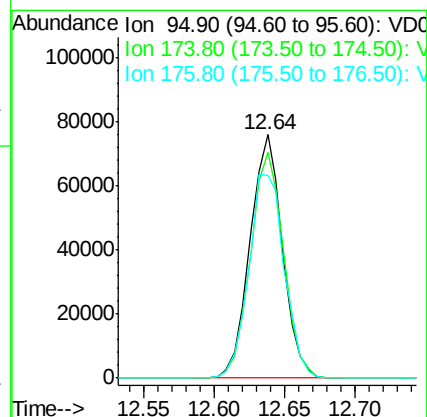
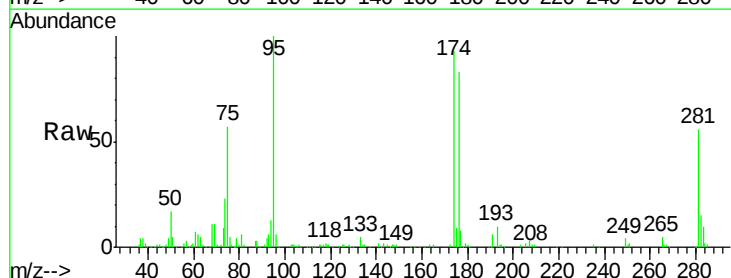
Tgt Ion: 95 Resp: 121923

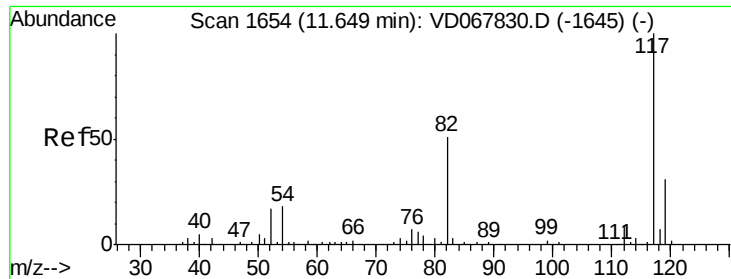
Ion Ratio Lower Upper

95 100

174 95.3 0.0 186.0

176 92.0 0.0 184.2

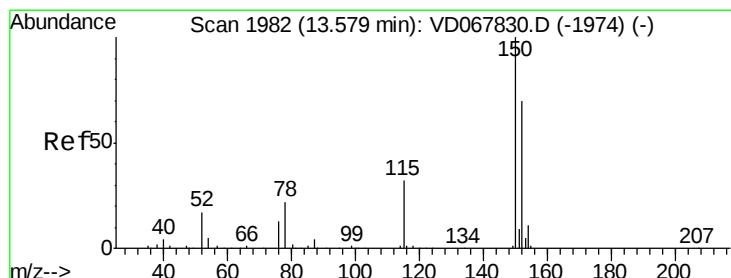
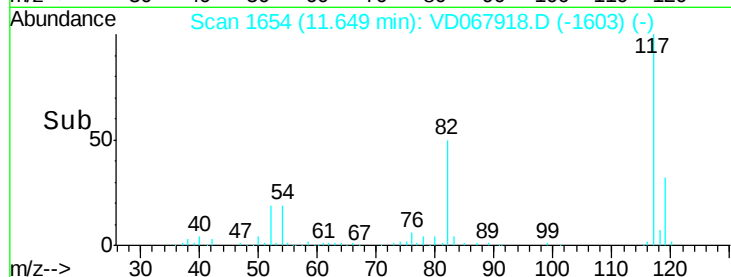
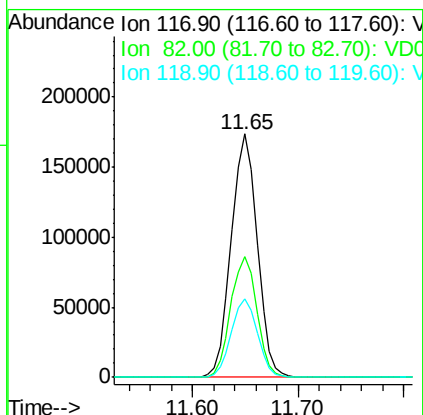
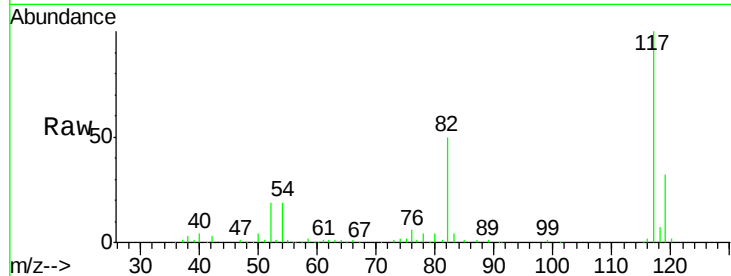




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067918.D
Acq: 09 Dec 2020 10:33

Instrument :
MSVOA_D
ClientSampleId :
VD1209SBL01

Tot Ion:117 Resp: 295569
Ion Ratio Lower Upper
117 100
82 49.5 40.6 60.8
119 32.3 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067918.D
Acq: 09 Dec 2020 10:33

Tgt Ion:152 Resp: 144819
Ion Ratio Lower Upper
152 100
115 58.4 29.1 87.4
150 155.5 0.0 339.0

