

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111820\
 Data File : VD067692.D
 Acq On : 18 Nov 2020 18:07
 Operator : VA/SY
 Sample : L4787-09
 Misc : 5.06G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB178-GW-698-700

Quant Time: Nov 19 01:14:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

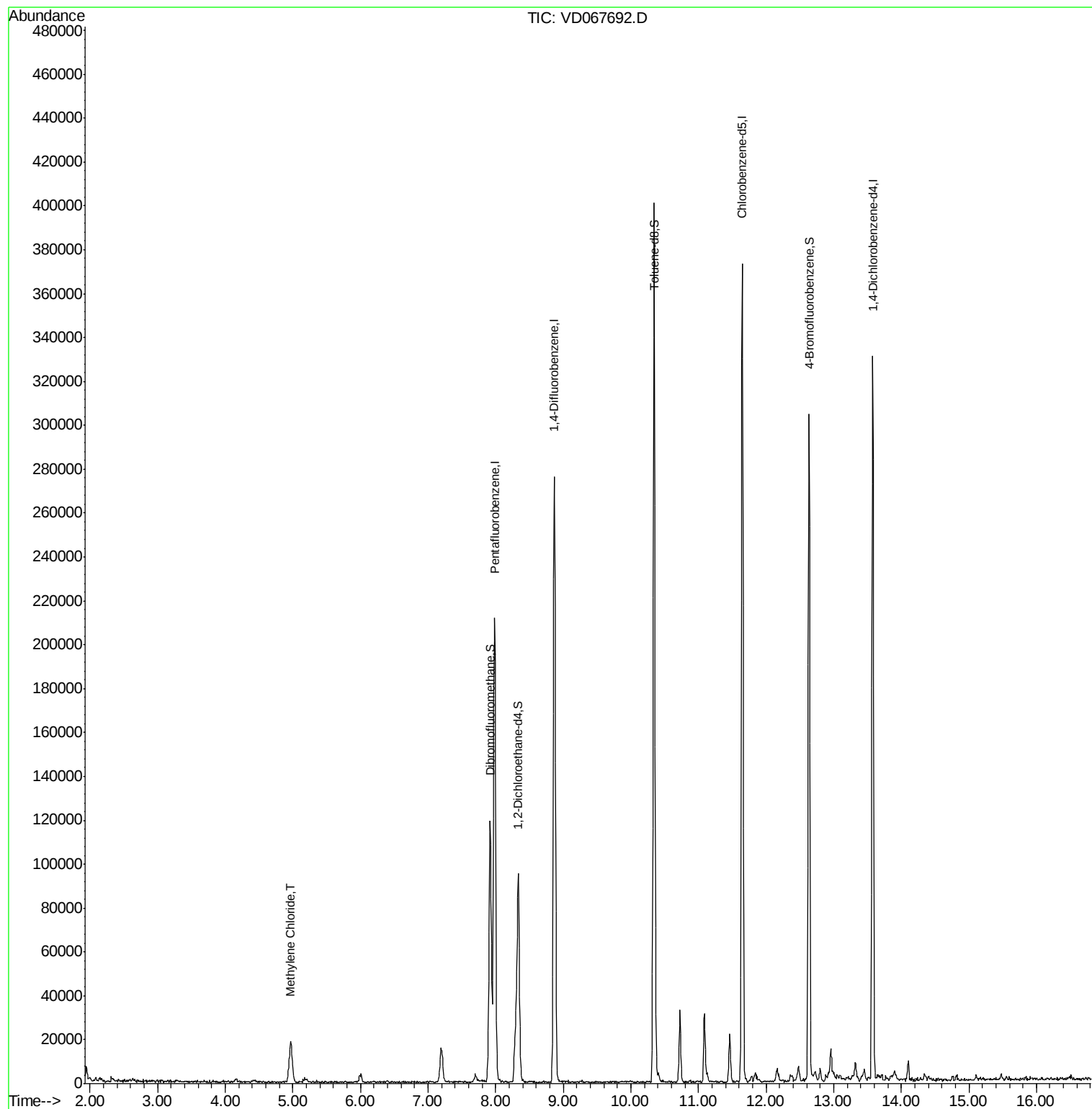
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	165418	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	255759	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	227127	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	90227	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	83843	57.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.94%	
35) Dibromofluoromethane	7.92	113	83794	54.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.76%	
50) Toluene-d8	10.34	98	275761	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	
62) 4-Bromofluorobenzene	12.64	95	84555	45.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.46%	
Target Compounds						
20) Methylene Chloride	4.96	84	16819	11.000	ug/l #	Qvalue 92

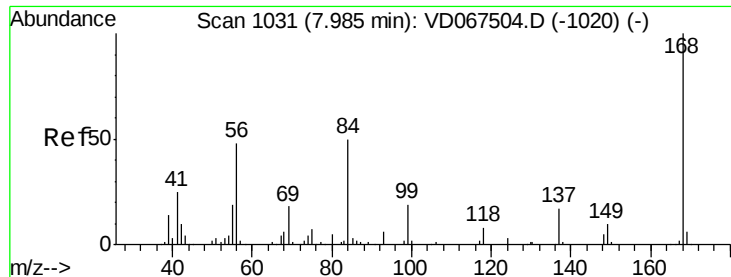
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067692.D

Acq: 18 Nov 2020 18:07

Instrument :

MSVOA_D

ClientSampleId :

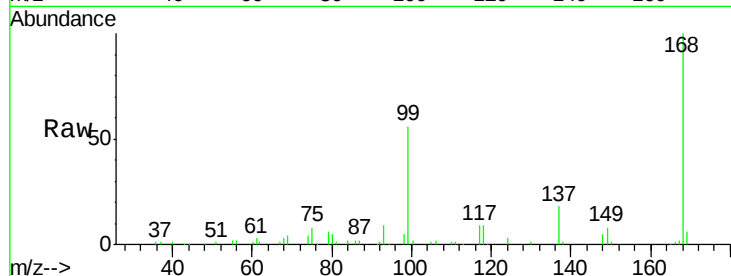
BP-VPB178-GW-698-700

Tot Ion:168 Resp: 165418

Ion Ratio Lower Upper

168 100

99 56.3 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

80000

60000

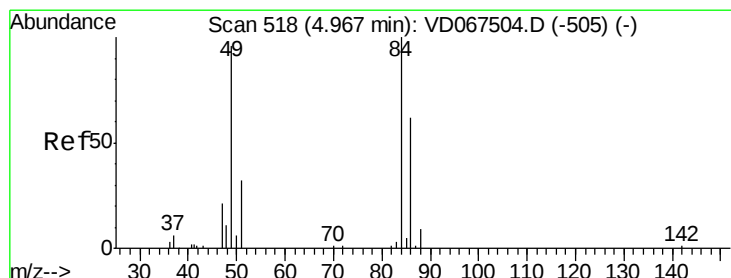
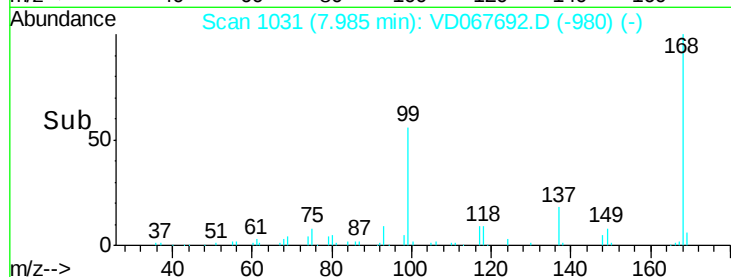
40000

20000

0

Time-->

7.90 7.95 8.00 8.05



#20

Methylene Chloride

Concen: 11.000 ug/l

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD067692.D

Acq: 18 Nov 2020 18:07

Tgt Ion: 84 Resp: 16819

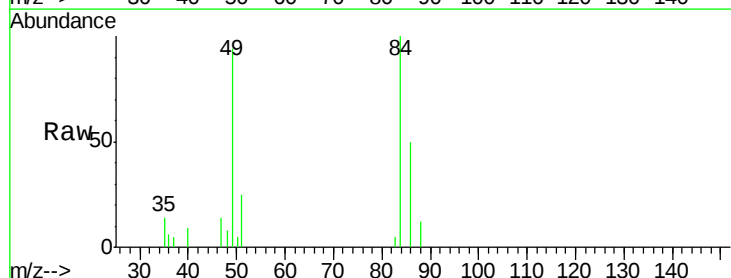
Ion Ratio Lower Upper

84 100

49 93.8 77.0 115.4

51 25.4 25.4 38.2#

86 50.2 49.4 74.0



Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

8000

6000

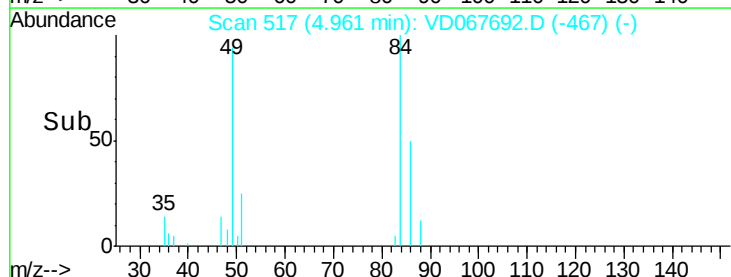
4000

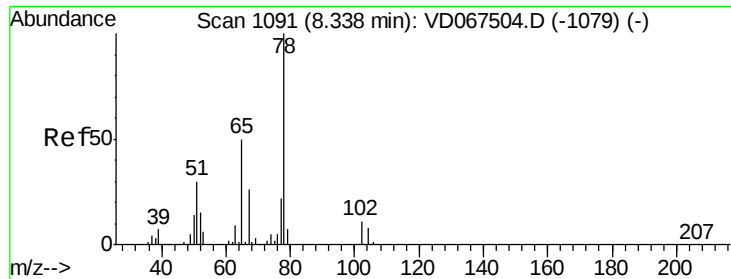
2000

0

Time-->

4.90 4.95 5.00

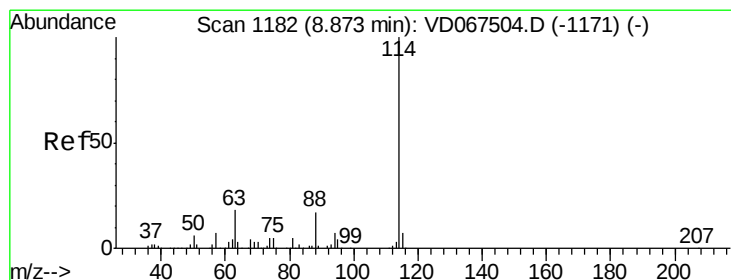
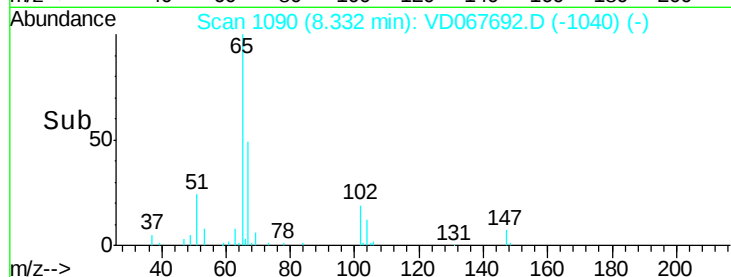
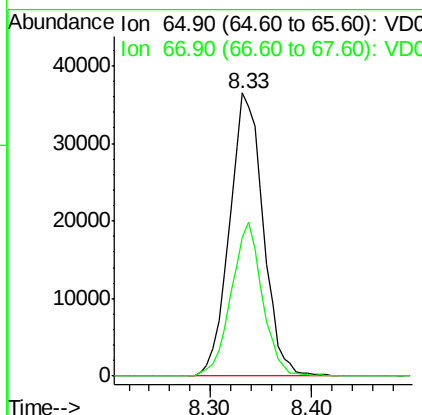
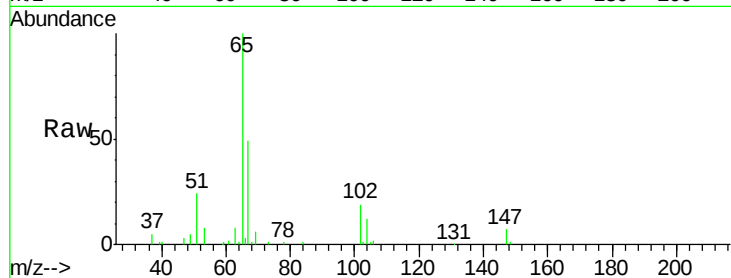




#33
 1,2-Dichloroethane-d4
 Concen: 57.967 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD067692.D
 Acq: 18 Nov 2020 18:07

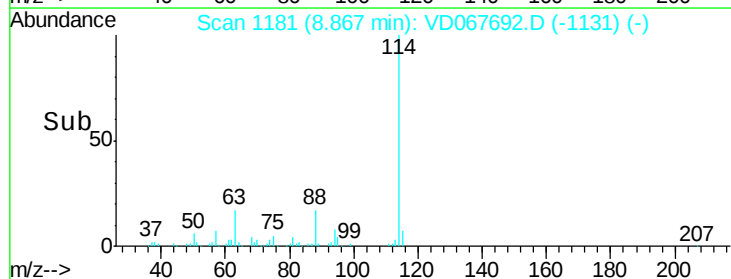
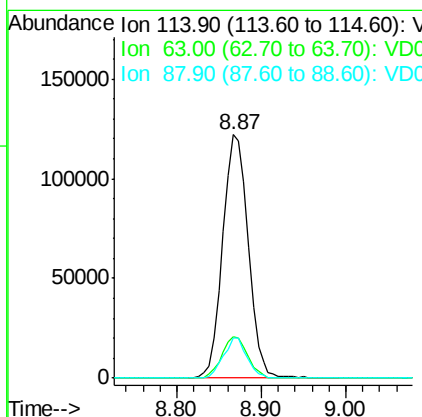
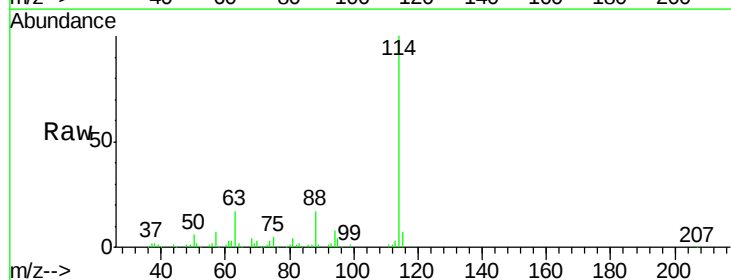
Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB178-GW-698-700

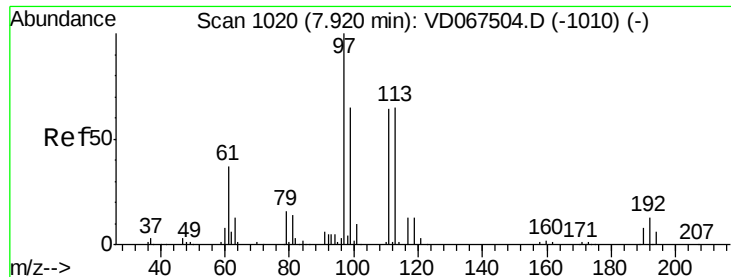
Tot Ion: 65 Resp: 83843
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067692.D
 Acq: 18 Nov 2020 18:07

Tgt Ion: 114 Resp: 255759
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 35.0
 88 16.6 0.0 33.0

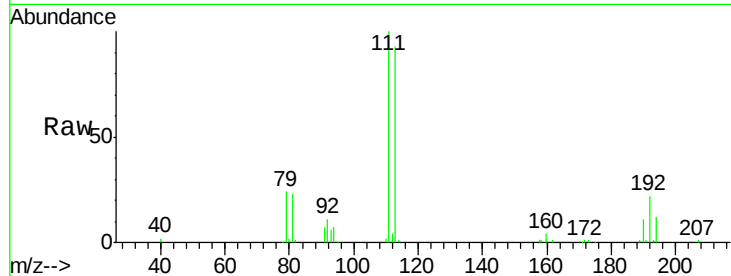




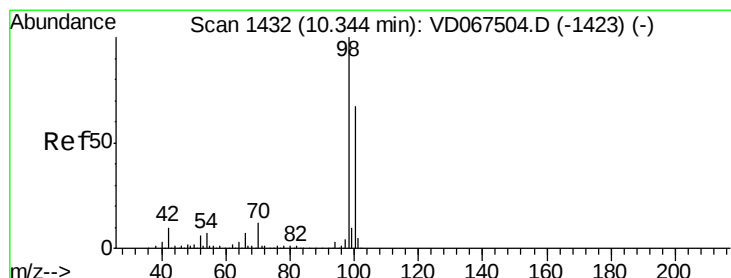
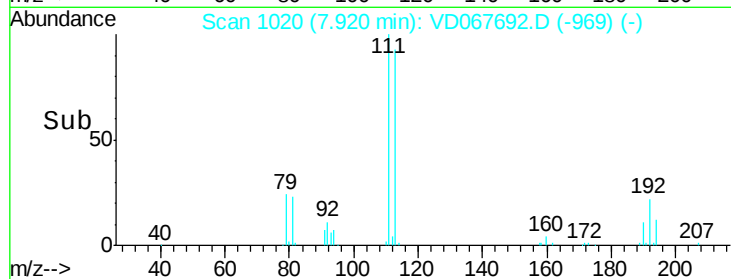
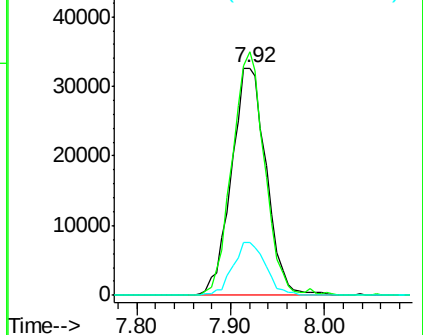
#35
 Dibromofluoromethane
 Concen: 54.378 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD067692.D
 Acq: 18 Nov 2020 18:07

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB178-GW-698-700

Tot Ion:113 Resp: 83794
 Ion Ratio Lower Upper
 113 100
 111 99.4 80.0 120.0
 192 21.8 16.3 24.5

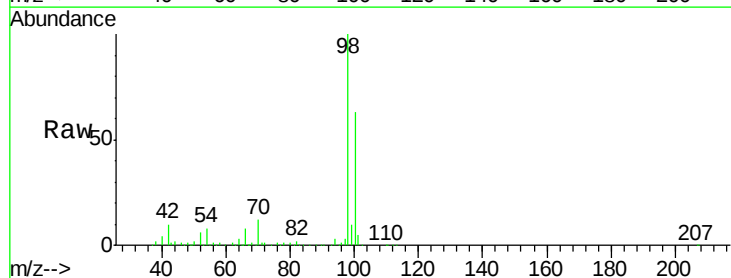


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

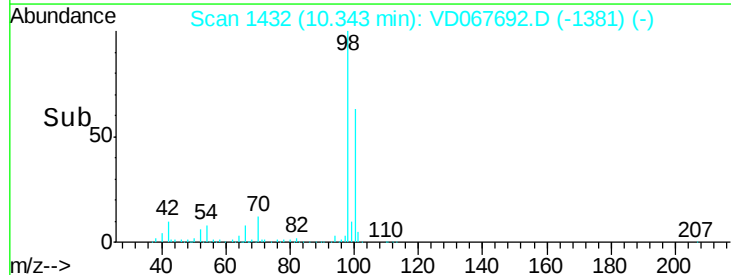
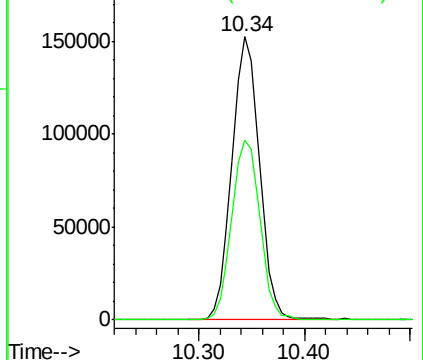


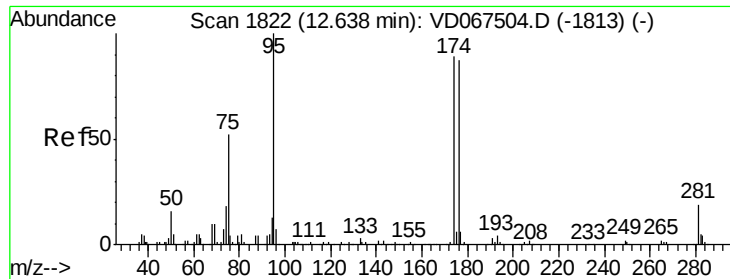
#50
 Toluene-d8
 Concen: 50.923 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD067692.D
 Acq: 18 Nov 2020 18:07

Tgt Ion: 98 Resp: 275761
 Ion Ratio Lower Upper
 98 100
 100 64.9 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VDC
 Ion 100.00 (99.70 to 100.70): VDC

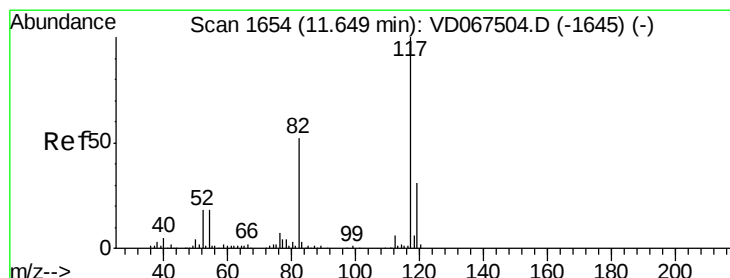
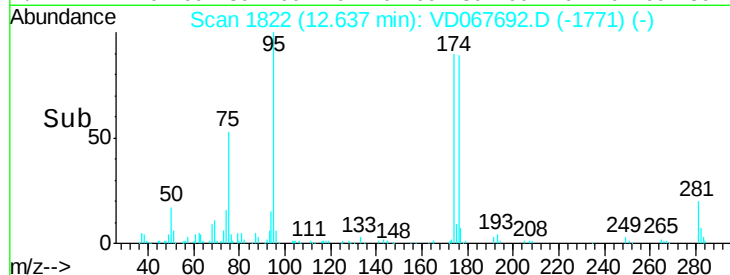
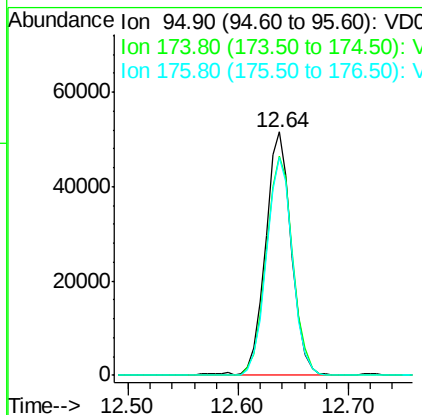
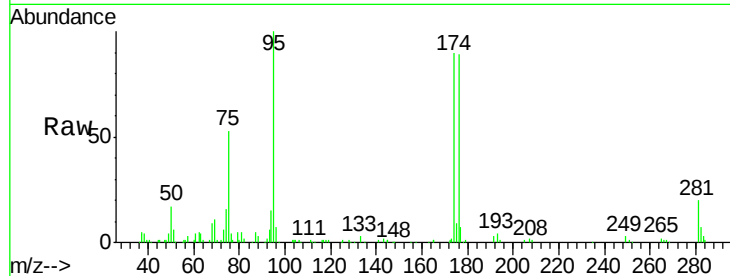




#62
4-Bromofluorobenzene
Concen: 45.227 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD067692.D
Acq: 18 Nov 2020 18:07

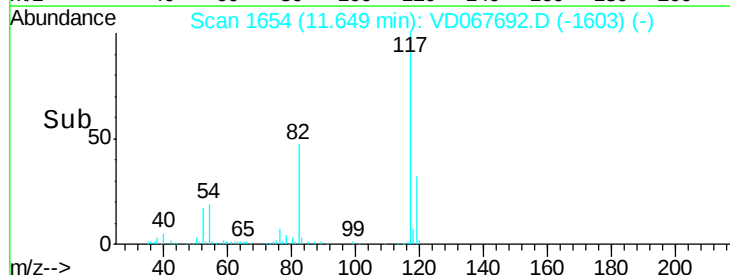
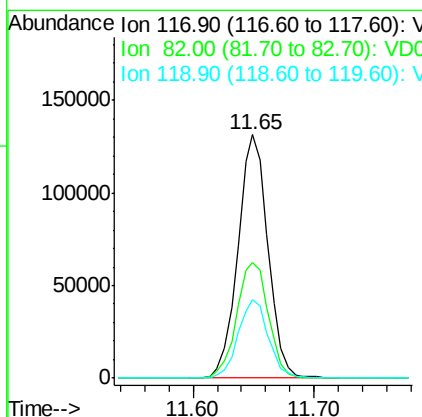
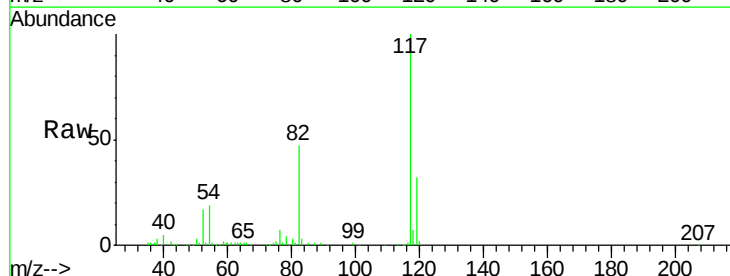
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB178-GW-698-700

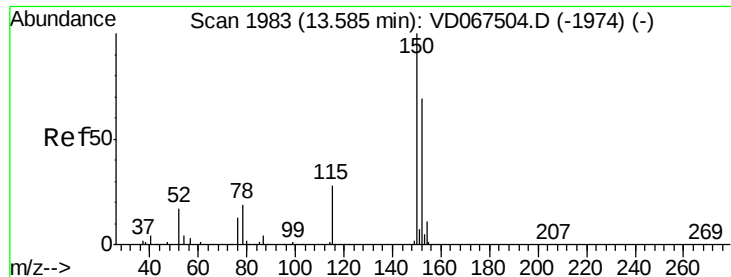
Tot Ion: 95 Resp: 84555
Ion Ratio Lower Upper
95 100
174 92.1 0.0 177.8
176 89.1 0.0 172.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067692.D
Acq: 18 Nov 2020 18:07

Tgt Ion: 117 Resp: 227127
Ion Ratio Lower Upper
117 100
82 47.3 41.6 62.4
119 32.2 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067692.D

Acq: 18 Nov 2020 18:07

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB178-GW-698-700

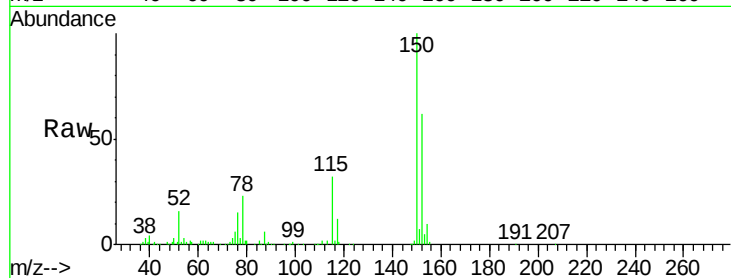
Tot Ion:152 Resp: 90227

Ion Ratio Lower Upper

152 100

115 55.9 29.3 88.0

150 163.4 0.0 338.2



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

