

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112420\
 Data File : VD067768.D
 Acq On : 24 Nov 2020 14:47
 Operator : VA/SY
 Sample : L4842-01
 Misc : 5.10G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 11620

Quant Time: Nov 25 02:59:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 24 00:51:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	233884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	383339	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	422300	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	230967	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	117055	51.47	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.94%
35) Dibromofluoromethane	7.92	113	118564	48.60	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.20%
50) Toluene-d8	10.34	98	454902	51.00	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.00%
62) 4-Bromofluorobenzene	12.64	95	197155	64.67	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	129.34%

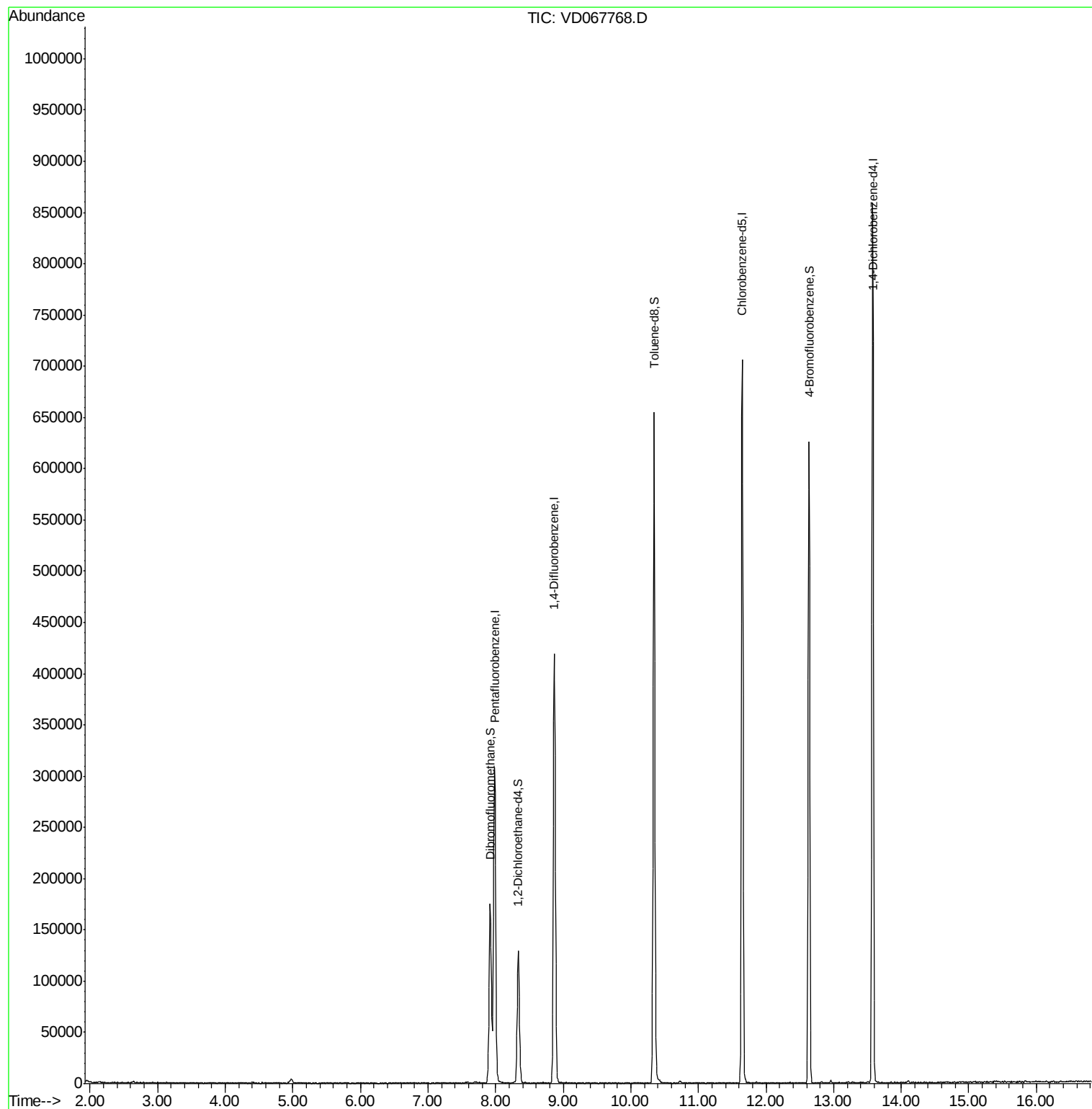
Target Compounds	Qvalue
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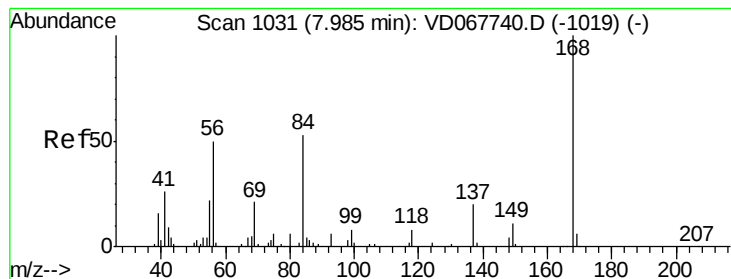
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067768.D

Acq: 24 Nov 2020 14:47

Instrument :

MSVOA_D

ClientSampleId :

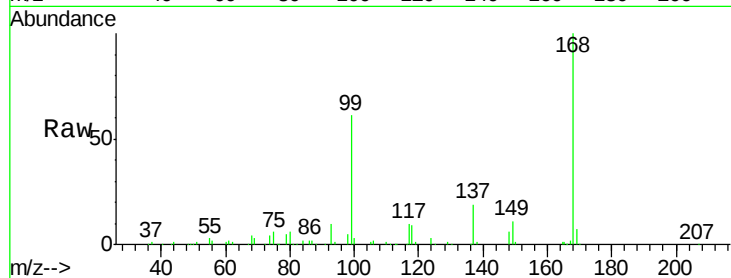
11620

Tot Ion:168 Resp: 233884

Ion Ratio Lower Upper

168 100

99 60.5 43.8 65.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

120000

100000

80000

60000

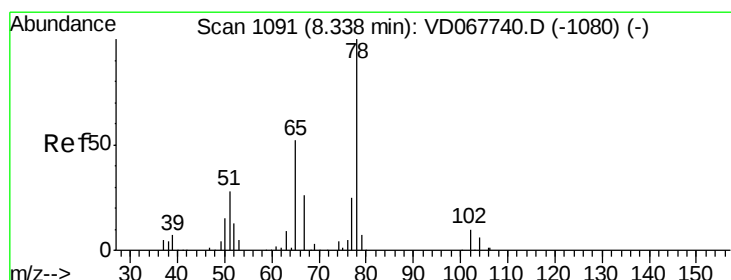
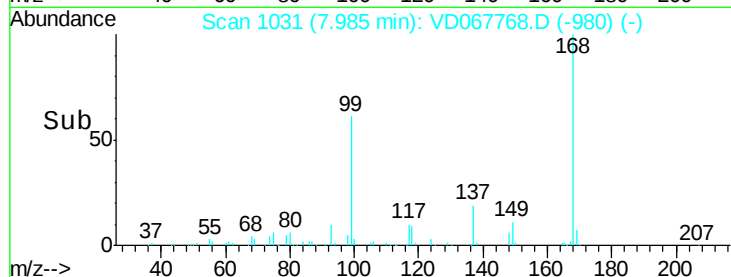
40000

20000

0

Time-->

7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 51.473 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067768.D

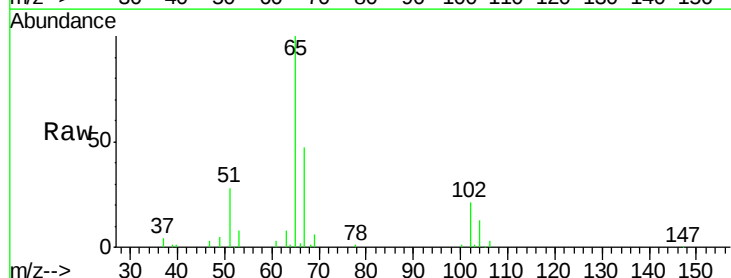
Acq: 24 Nov 2020 14:47

Tgt Ion: 65 Resp: 117055

Ion Ratio Lower Upper

65 100

67 48.1 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

60000

50000

40000

30000

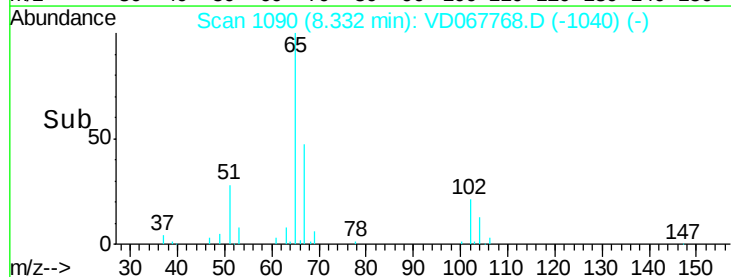
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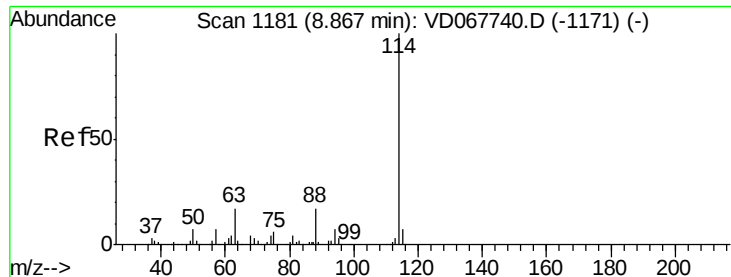
10000

0

Time-->

8.20 8.30 8.40 8.50

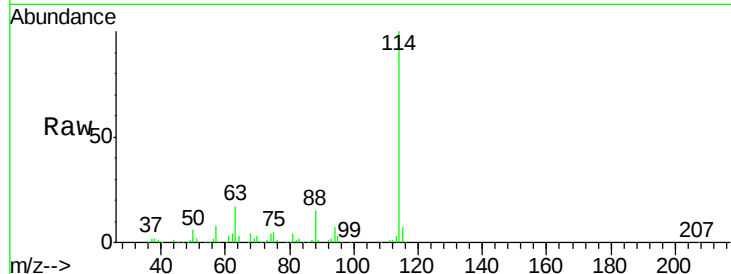




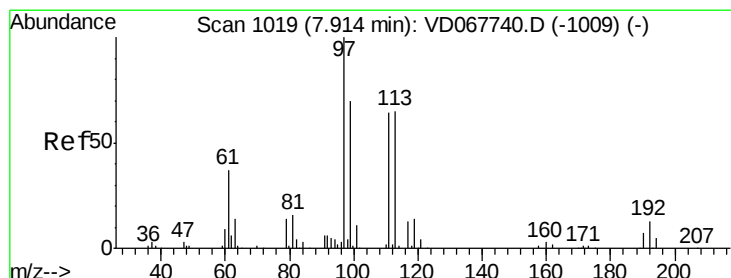
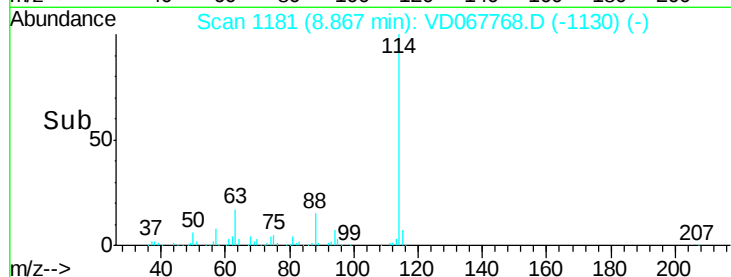
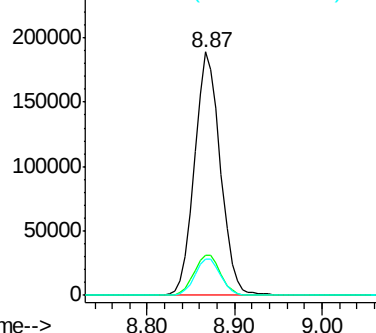
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067768.D
 Acq: 24 Nov 2020 14:47

Instrument :
 MSVOA_D
 ClientSampleId :
 11620

Tot Ion:114 Resp: 383339
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 34.8
 88 15.0 0.0 34.4

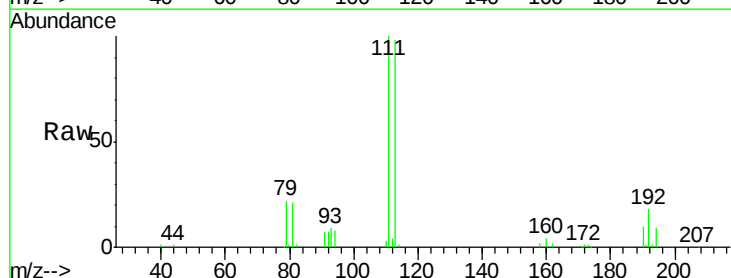


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

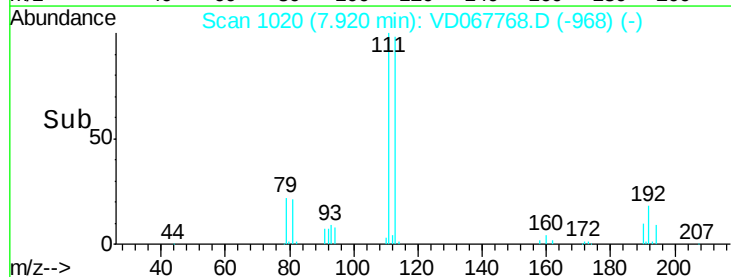
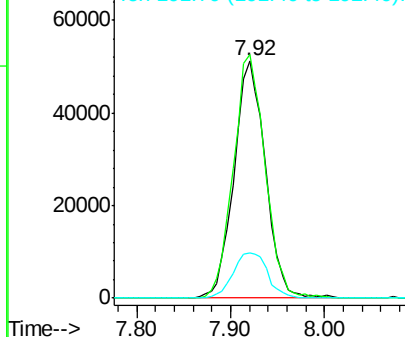


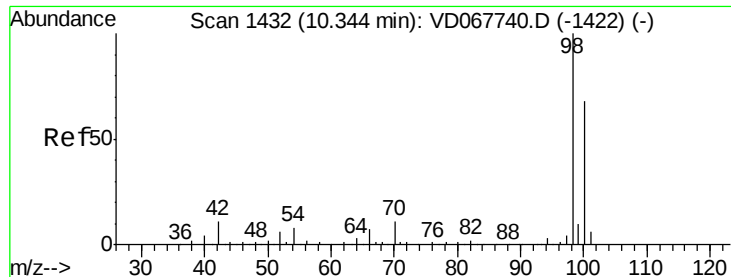
#35
 Dibromofluoromethane
 Concen: 48.601 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067768.D
 Acq: 24 Nov 2020 14:47

Tgt Ion:113 Resp: 118564
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.4 122.0
 192 20.8 17.0 25.4



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: 51.002 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067768.D

Acq: 24 Nov 2020 14:47

Instrument :

MSVOA_D

ClientSampled :

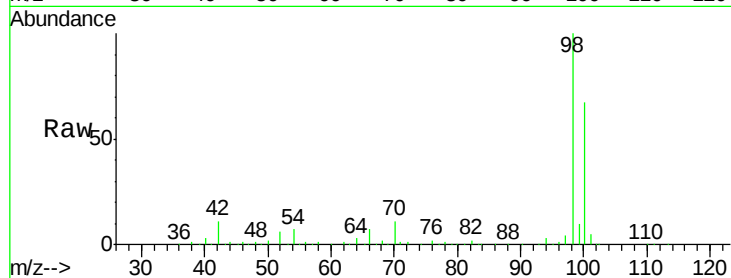
11620

Tot Ion: 98 Resp: 454902

Ion Ratio Lower Upper

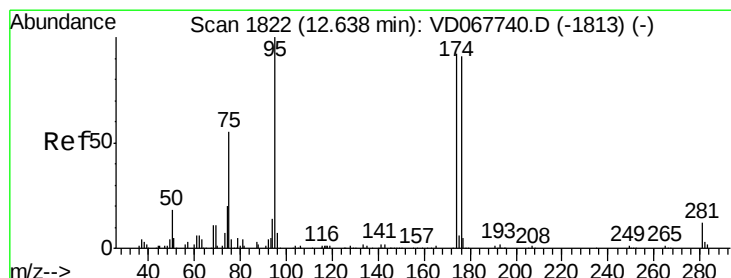
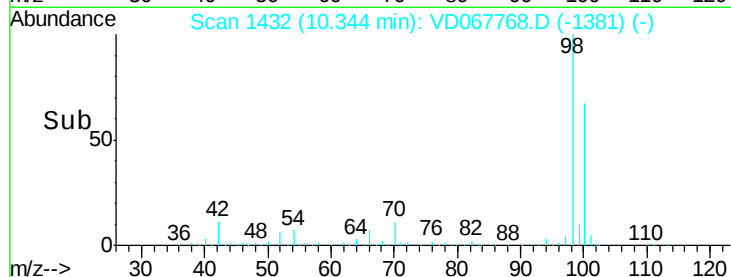
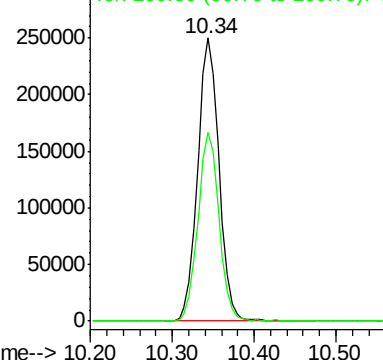
98 100

100 65.6 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 64.670 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067768.D

Acq: 24 Nov 2020 14:47

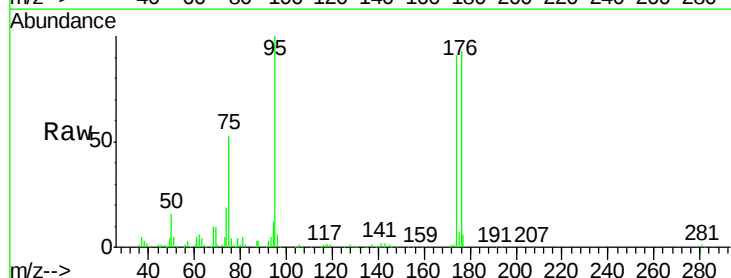
Tgt Ion: 95 Resp: 197155

Ion Ratio Lower Upper

95 100

174 91.1 0.0 182.4

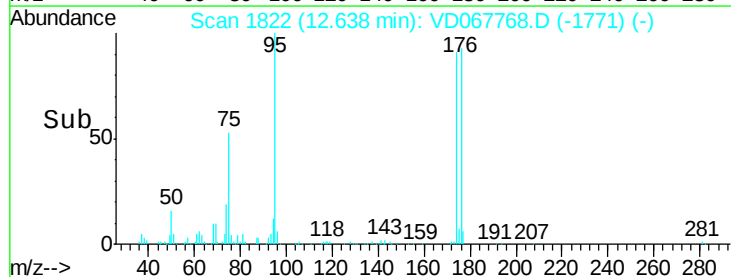
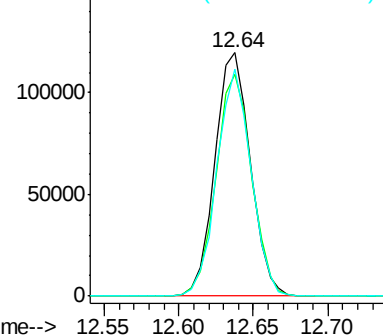
176 89.4 0.0 178.2

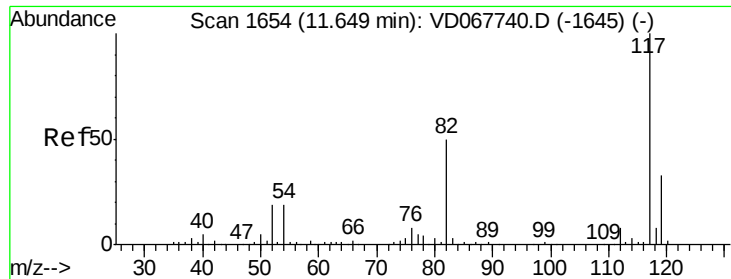


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

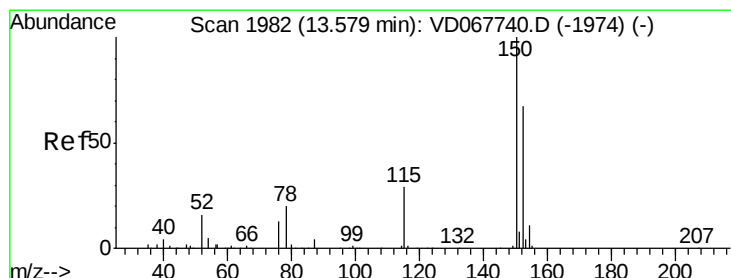
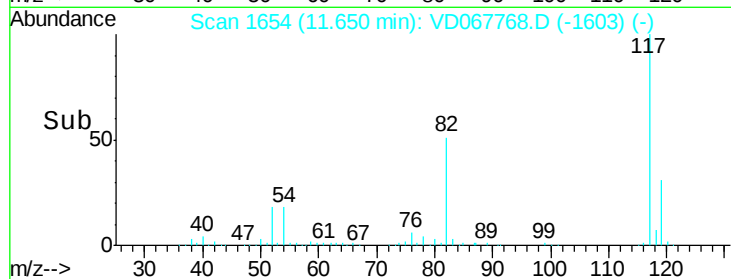
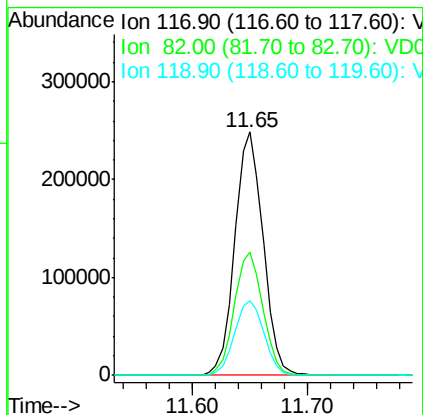
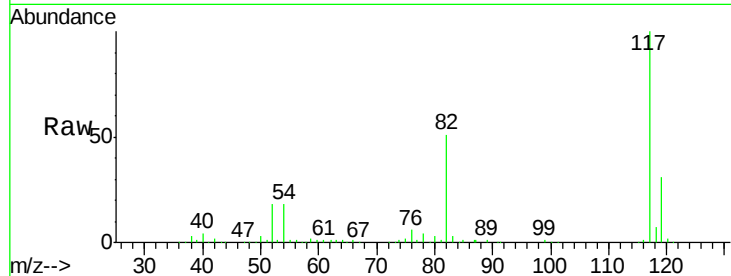




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067768.D
Acq: 24 Nov 2020 14:47

Instrument :
MSVOA_D
ClientSampleId :
11620

Tot Ion:117 Resp: 422300
Ion Ratio Lower Upper
117 100
82 50.8 40.2 60.4
119 30.6 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067768.D
Acq: 24 Nov 2020 14:47

Tgt Ion:152 Resp: 230967
Ion Ratio Lower Upper
152 100
115 59.0 29.4 88.3
150 158.2 0.0 340.6

