

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120320\
 Data File : VD067870.D
 Acq On : 03 Dec 2020 16:17
 Operator : VA/SY
 Sample : L4914-02
 Misc : 5.10G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

Quant Time: Dec 04 01:41:06 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	7.99	168	242144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	339754	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	294752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	134016	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	110302	42.43	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.86%
35) Dibromofluoromethane	7.92	113	98156	43.17	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.34%
50) Toluene-d8	10.34	98	385126	47.06	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.12%
62) 4-Bromofluorobenzene	12.64	95	116006	41.00	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.00%

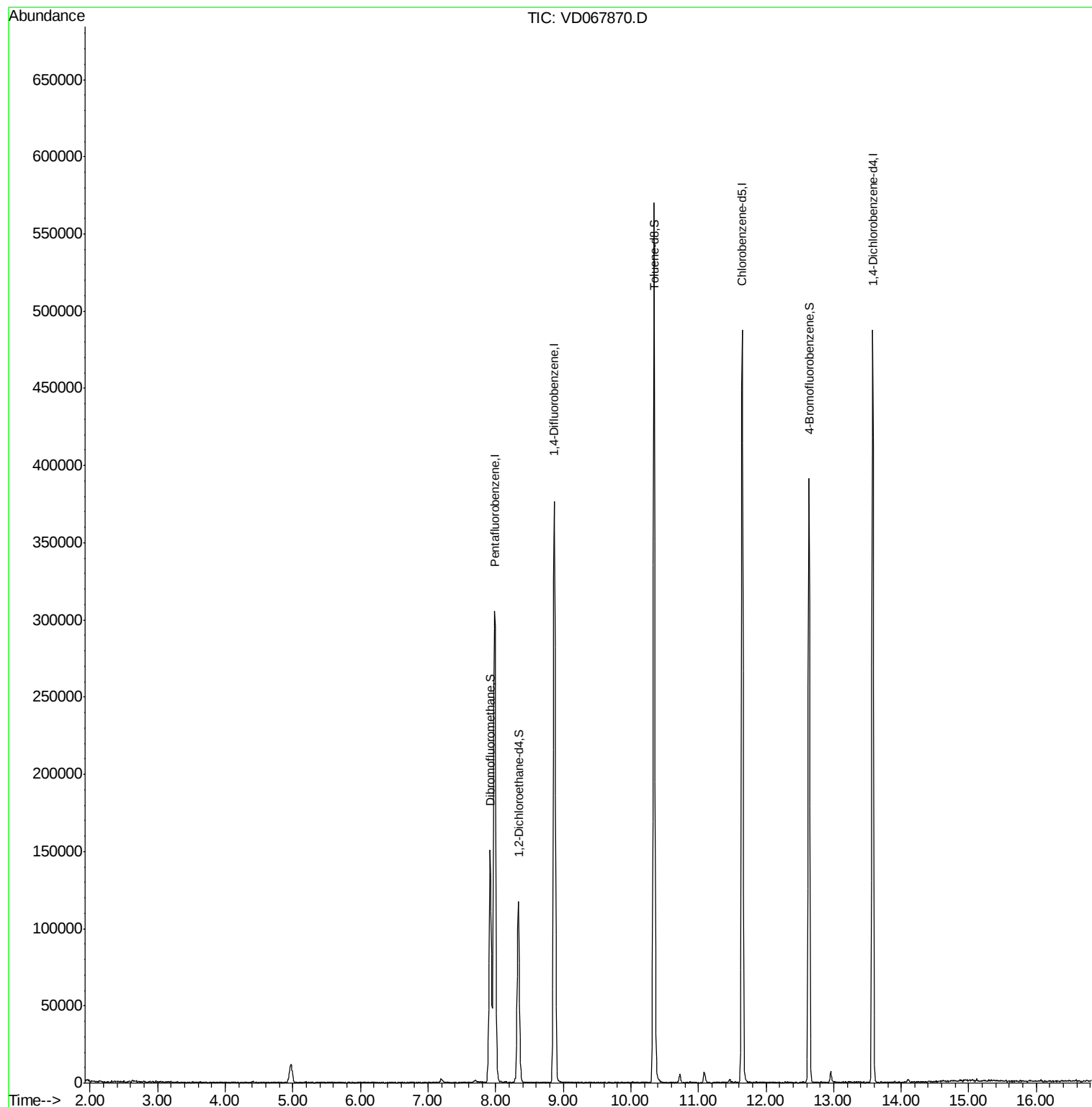
Target Compounds	Qvalue
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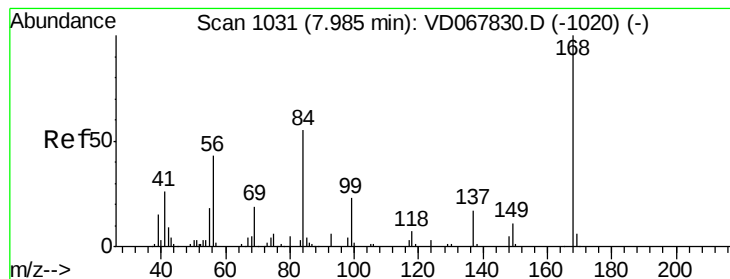
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067870.D

Acq: 03 Dec 2020 16:17

Instrument :

MSVOA_D

ClientSampleId :

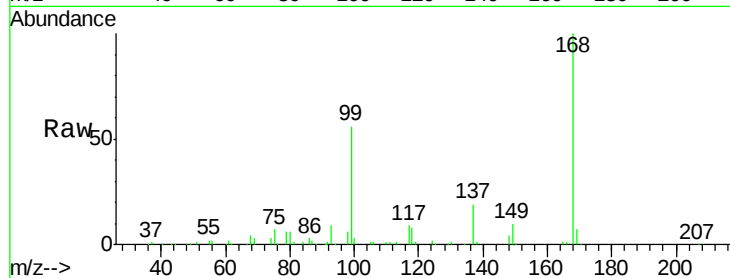
VOC

Tot Ion:168 Resp: 242144

Ion Ratio Lower Upper

168 100

99 56.3 47.1 70.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

120000

100000

80000

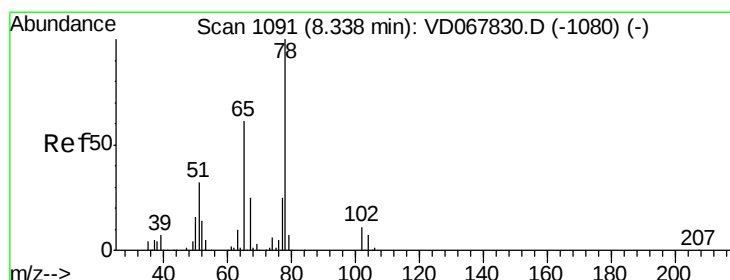
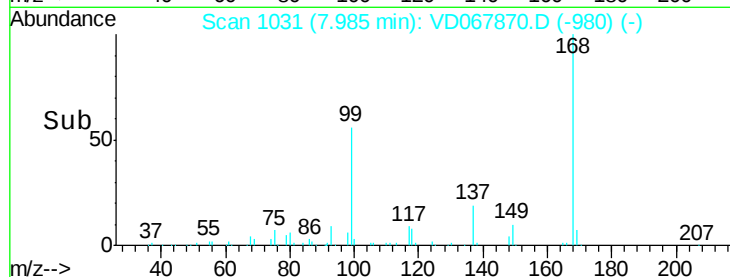
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 42.432 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067870.D

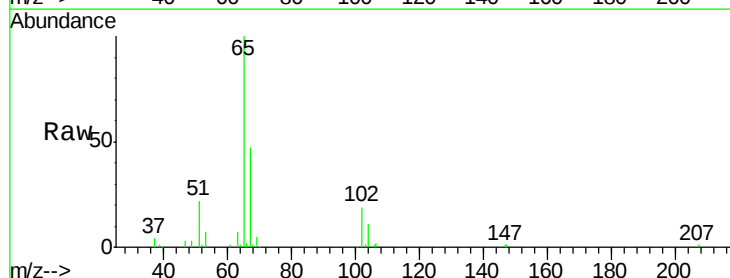
Acq: 03 Dec 2020 16:17

Tgt Ion: 65 Resp: 110302

Ion Ratio Lower Upper

65 100

67 46.2 0.0 92.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

50000

40000

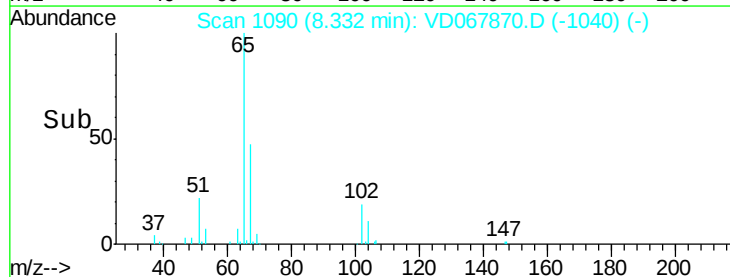
30000

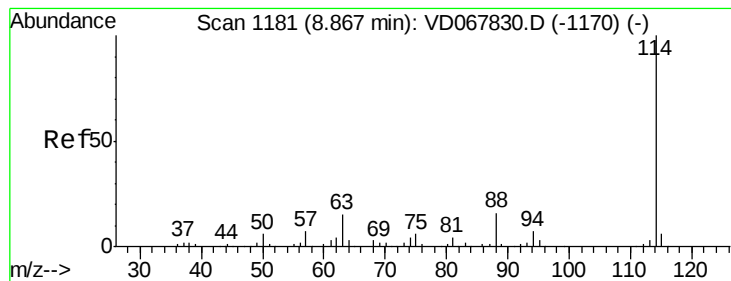
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067870.D

Acq: 03 Dec 2020 16:17

Instrument :

MSVOA_D

ClientSampleId :

VOC

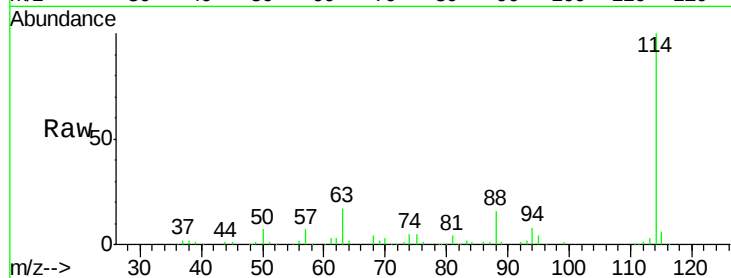
Tot Ion:114 Resp: 339754

Ion Ratio Lower Upper

114 100

63 16.8 0.0 30.8

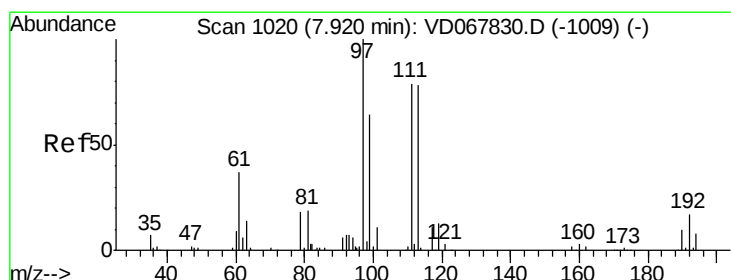
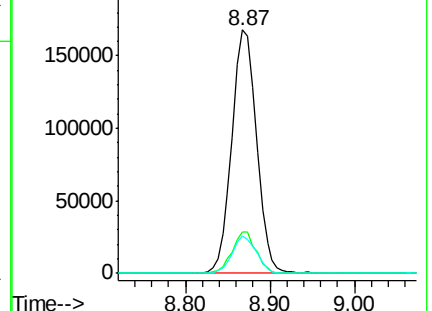
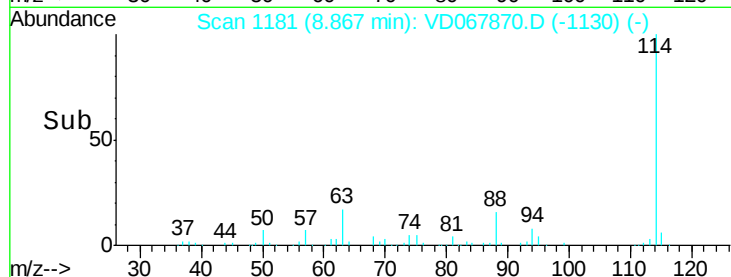
88 15.6 0.0 31.8



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: 43.175 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD067870.D

Acq: 03 Dec 2020 16:17

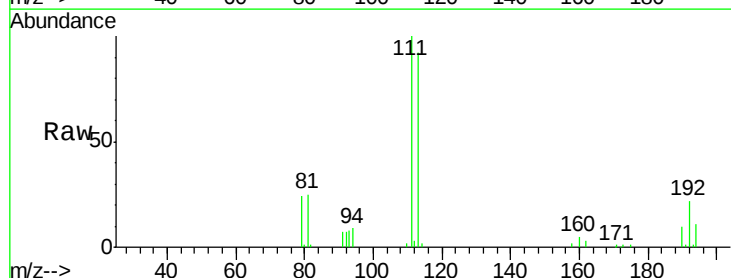
Tgt Ion:113 Resp: 98156

Ion Ratio Lower Upper

113 100

111 104.1 81.2 121.8

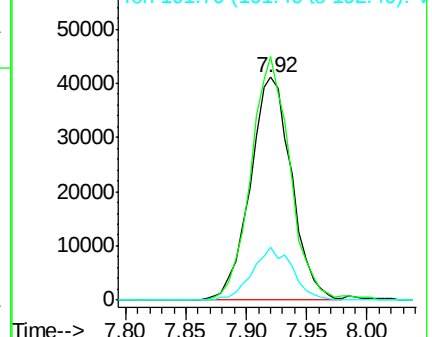
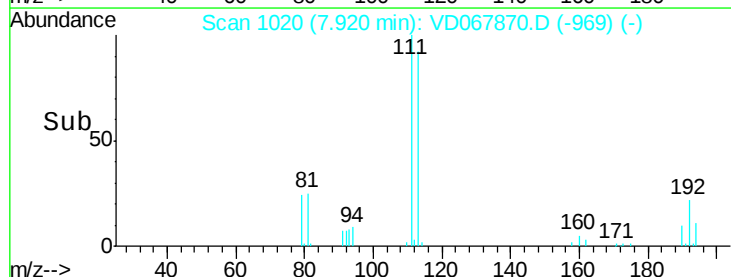
192 22.8 16.8 25.2

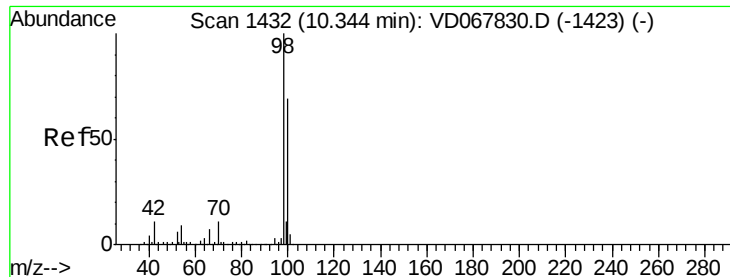


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.059 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067870.D

Acq: 03 Dec 2020 16:17

Instrument :

MSVOA_D

ClientSampled :

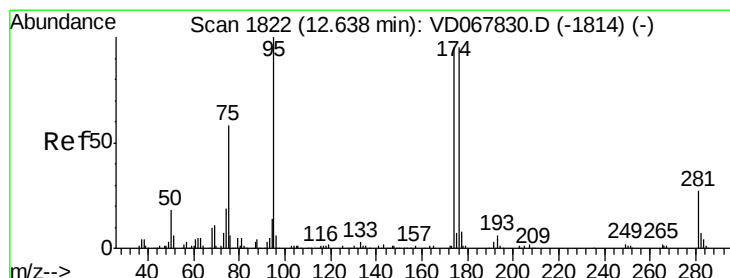
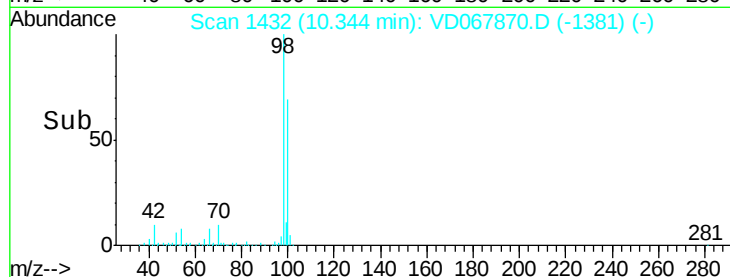
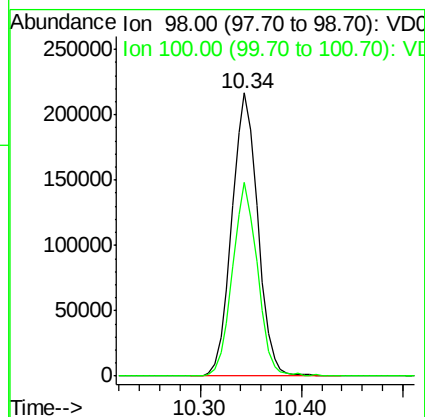
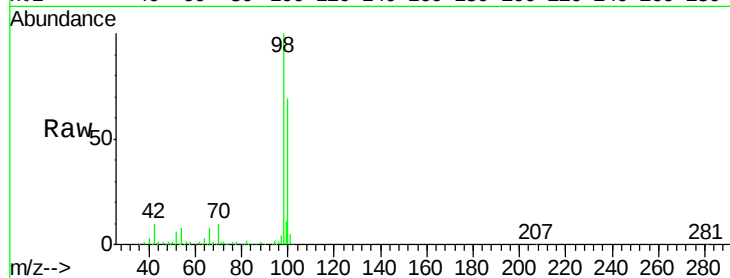
VOC

Tot Ion: 98 Resp: 385126

Ion Ratio Lower Upper

98 100

100 65.6 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 41.000 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067870.D

Acq: 03 Dec 2020 16:17

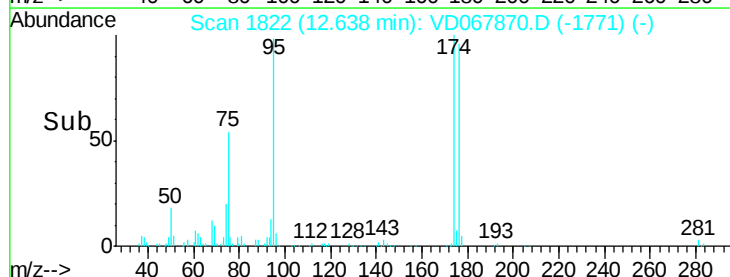
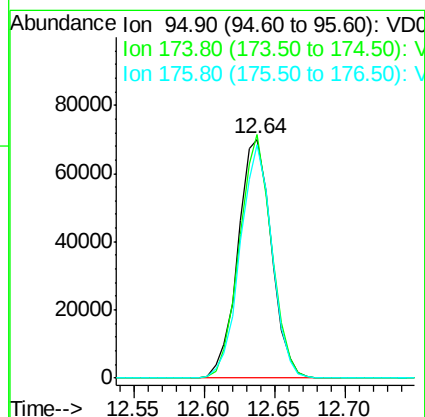
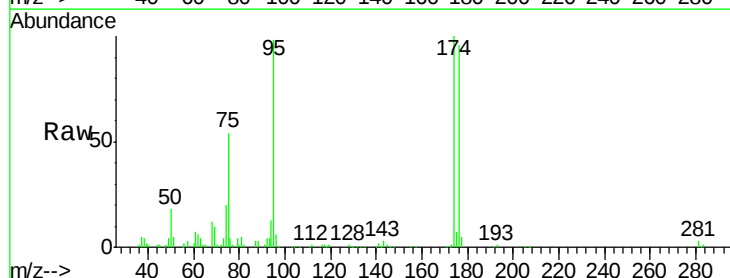
Tgt Ion: 95 Resp: 116006

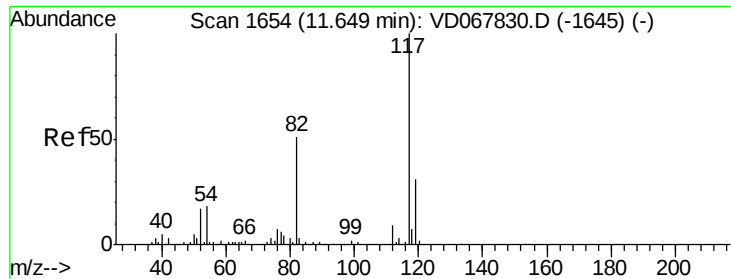
Ion Ratio Lower Upper

95 100

174 97.8 0.0 186.0

176 93.1 0.0 184.2

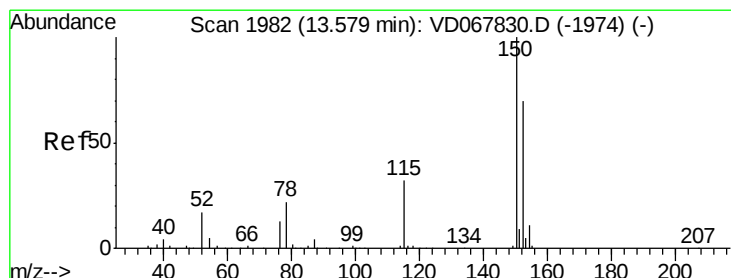
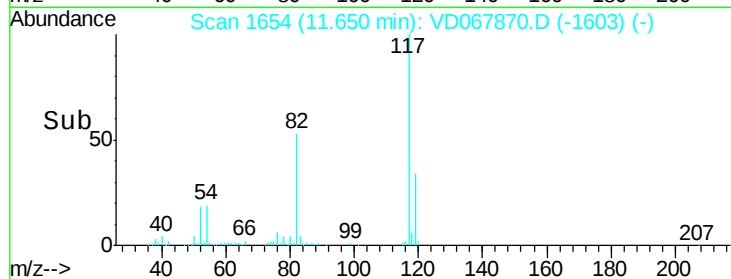
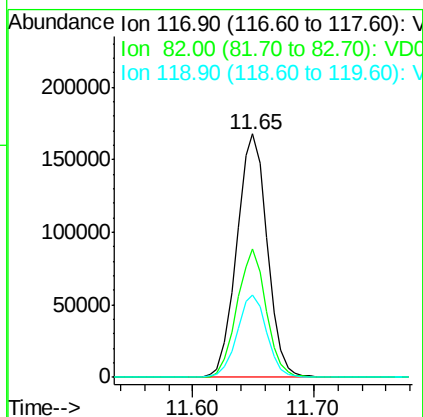
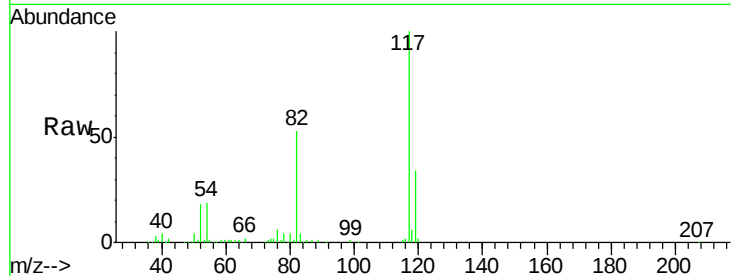




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.65 min Scan# 1654
 Delta R.T. 0.00 min
 Lab File: VD067870.D
 Acq: 03 Dec 2020 16:17

Instrument :
 MSVOA_D
 ClientSampleID :
 VOC

Tot Ion:117 Resp: 294752
 Ion Ratio Lower Upper
 117 100
 82 52.5 40.6 60.8
 119 34.0 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: VD067870.D
 Acq: 03 Dec 2020 16:17

Tgt Ion:152 Resp: 134016
 Ion Ratio Lower Upper
 152 100
 115 59.3 29.1 87.4
 150 159.1 0.0 339.0

