

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120220\
 Data File : VD067836.D
 Acq On : 02 Dec 2020 15:17
 Operator : VA/SY
 Sample : VD1202SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1202SBL01

Quant Time: Dec 03 01:37:41 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	330110	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	480272	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	419077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	206623	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	159126	44.90	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.80%
35) Dibromofluoromethane	7.92	113	141424	44.01	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.02%
50) Toluene-d8	10.34	98	530036	45.82	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.64%
62) 4-Bromofluorobenzene	12.64	95	177251	44.32	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.64%

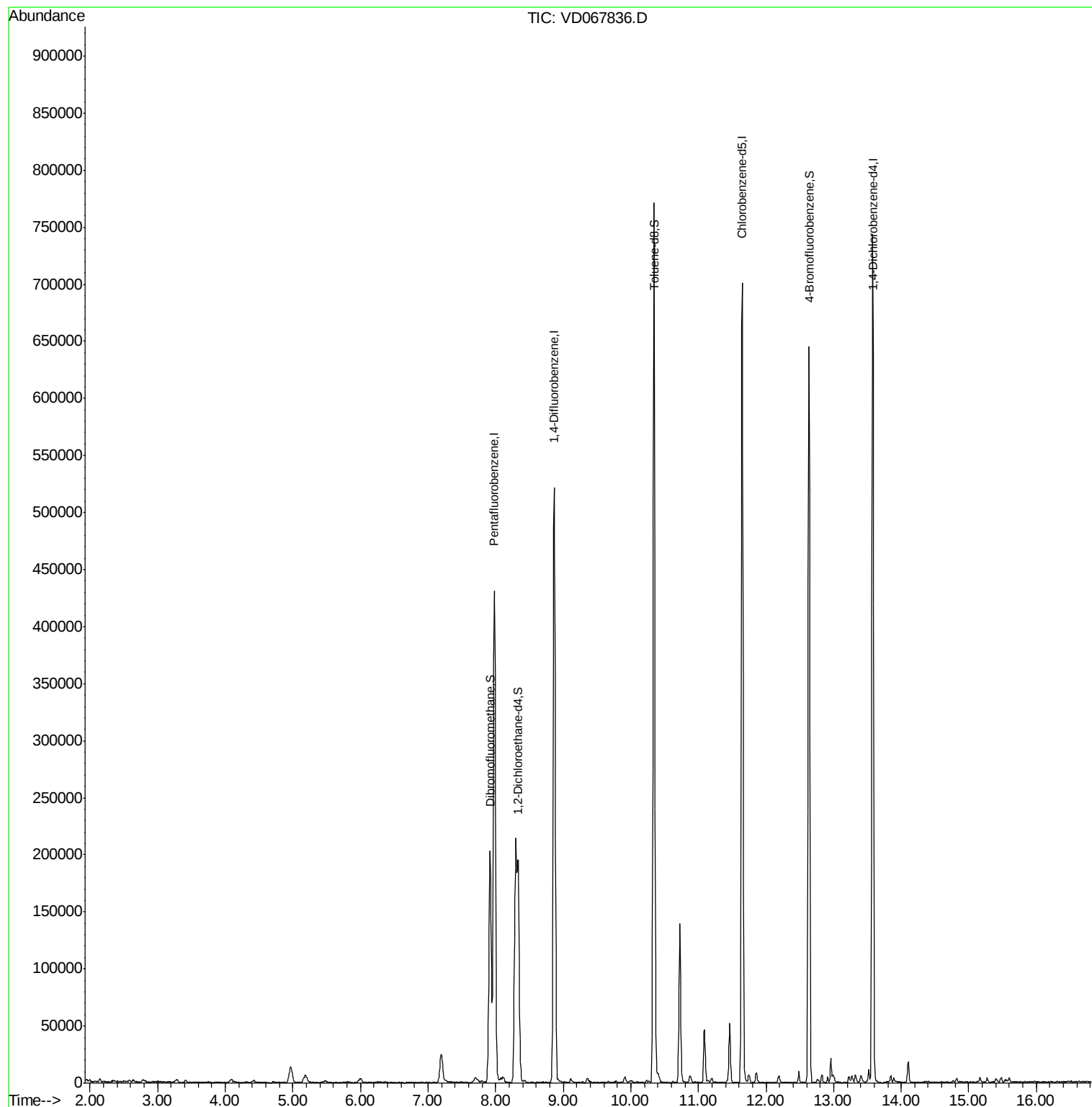
Target Compounds	Qvalue
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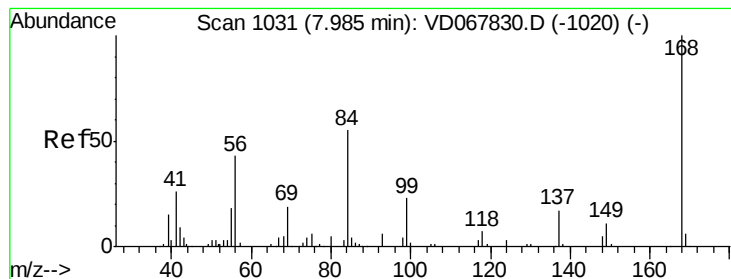
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067836.D

Acq: 02 Dec 2020 15:17

Instrument :

MSVOA_D

ClientSampleId :

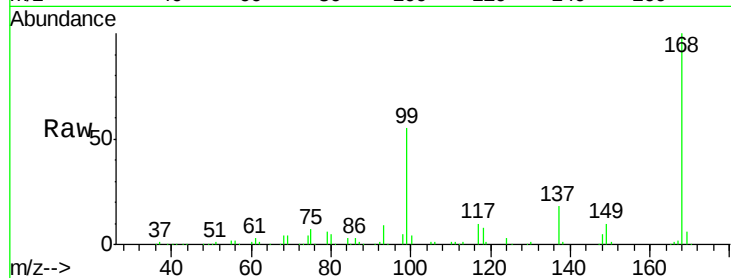
VD1202SBL01

Tot Ion:168 Resp: 330110

Ion Ratio Lower Upper

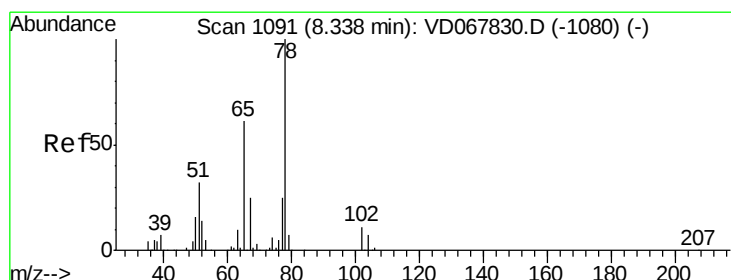
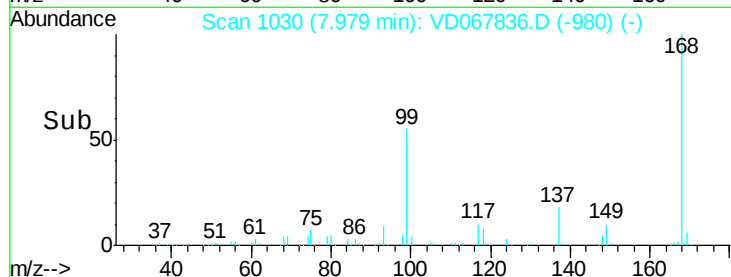
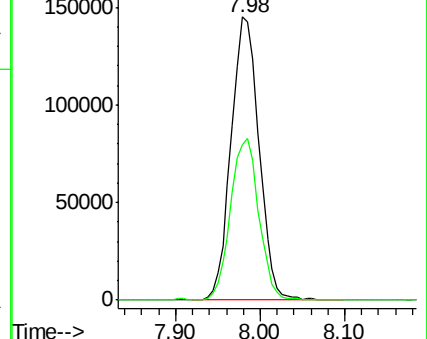
168 100

99 54.7 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: 44.902 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD067836.D

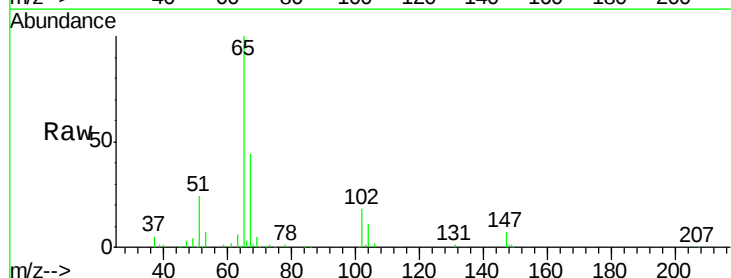
Acq: 02 Dec 2020 15:17

Tgt Ion: 65 Resp: 159126

Ion Ratio Lower Upper

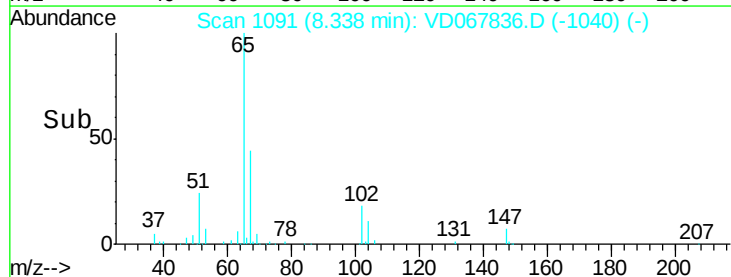
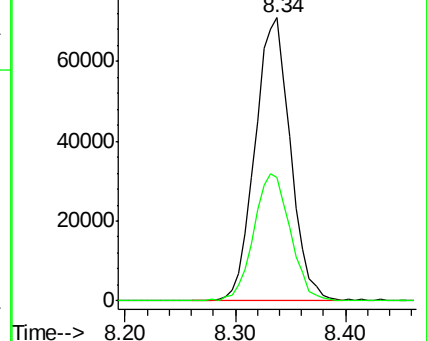
65 100

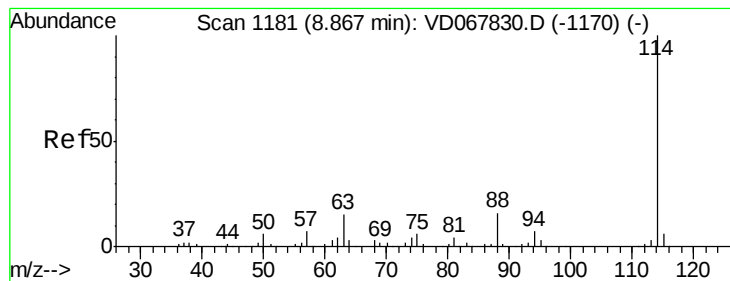
67 46.5 0.0 92.0



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: VD067836.D

Acq: 02 Dec 2020 15:17

Instrument :

MSVOA_D

ClientSampleId :

VD1202SBL01

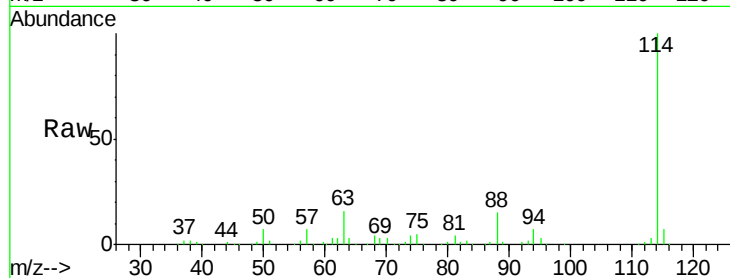
Tot Ion:114 Resp: 480272

Ion Ratio Lower Upper

114 100

63 16.1 0.0 30.8

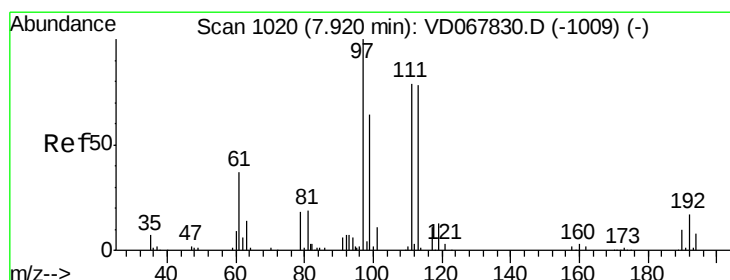
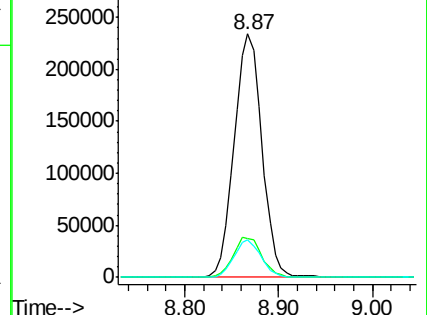
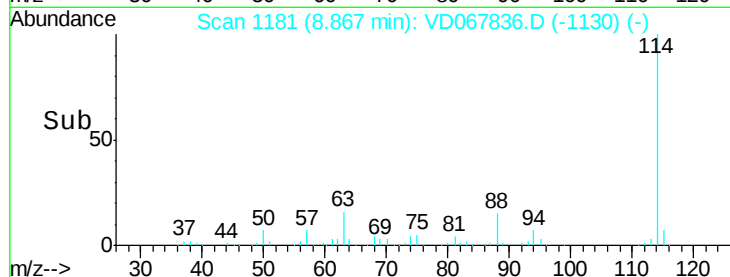
88 15.2 0.0 31.8



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: 44.006 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD067836.D

Acq: 02 Dec 2020 15:17

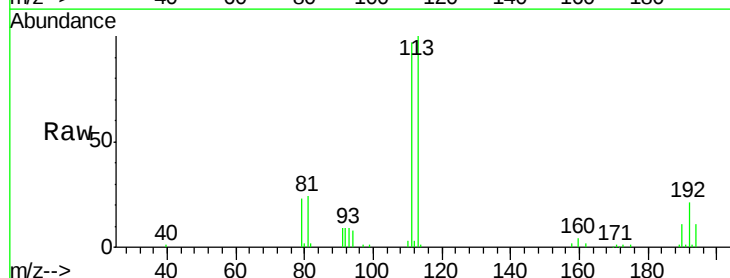
Tgt Ion:113 Resp: 141424

Ion Ratio Lower Upper

113 100

111 104.1 81.2 121.8

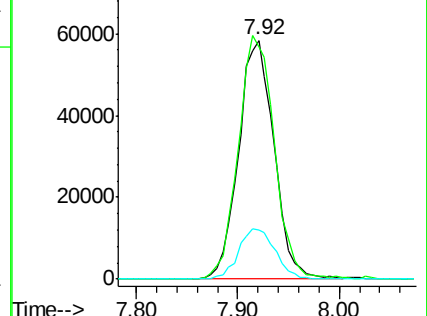
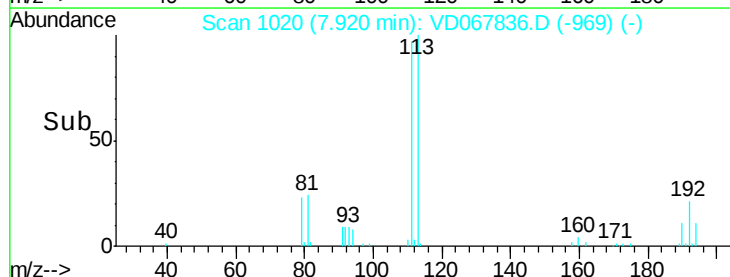
192 21.7 16.8 25.2

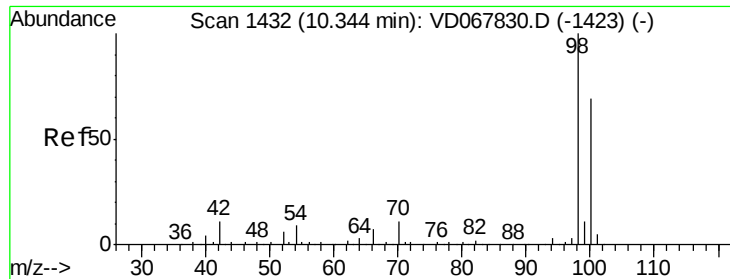


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 45.816 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067836.D

Acq: 02 Dec 2020 15:17

Instrument :

MSVOA_D

ClientSampleId :

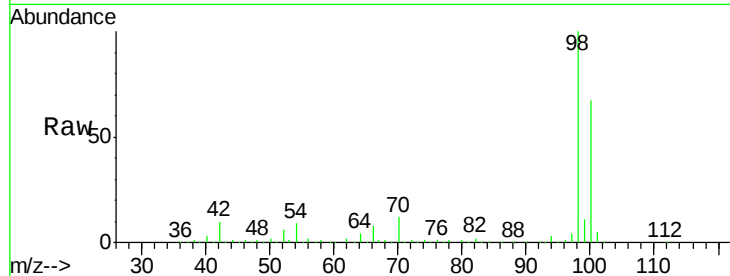
VD1202SBL01

Tot Ion: 98 Resp: 530036

Ion Ratio Lower Upper

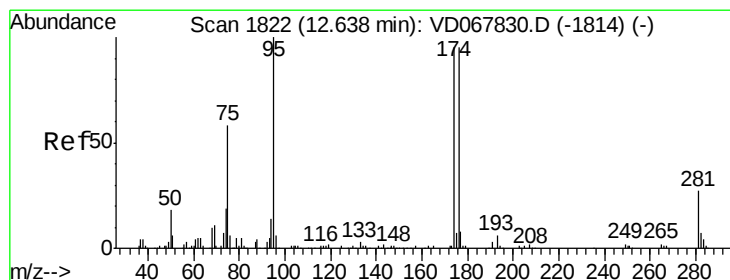
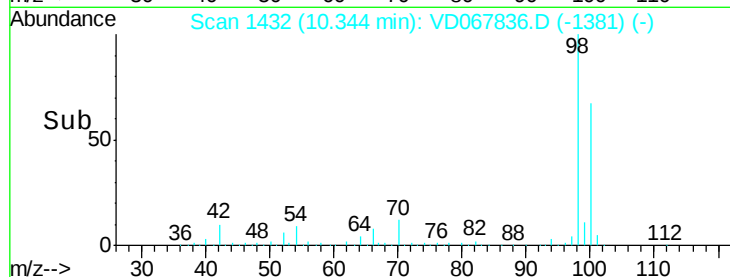
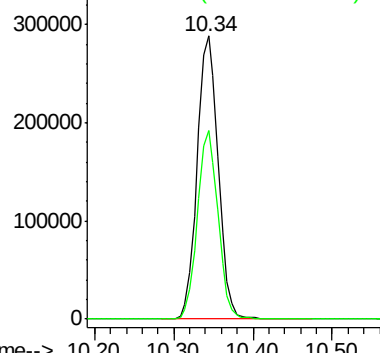
98 100

100 65.3 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 44.317 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067836.D

Acq: 02 Dec 2020 15:17

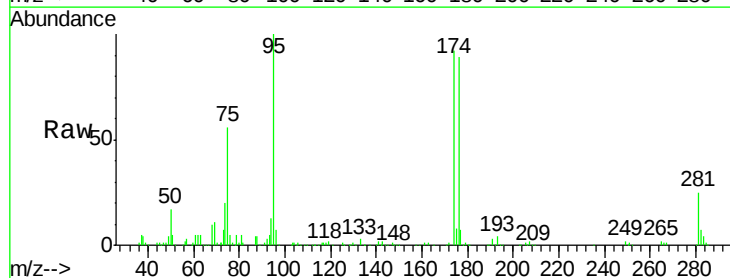
Tgt Ion: 95 Resp: 177251

Ion Ratio Lower Upper

95 100

174 93.8 0.0 186.0

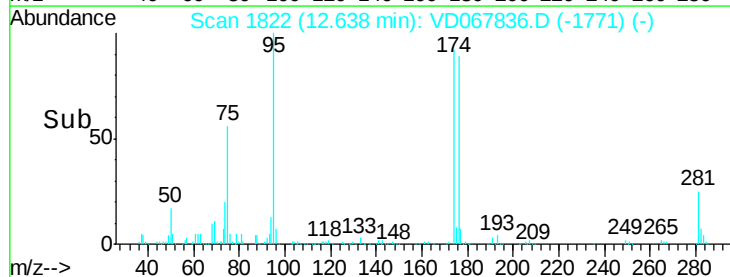
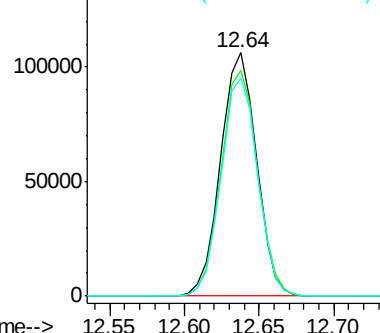
176 90.9 0.0 184.2

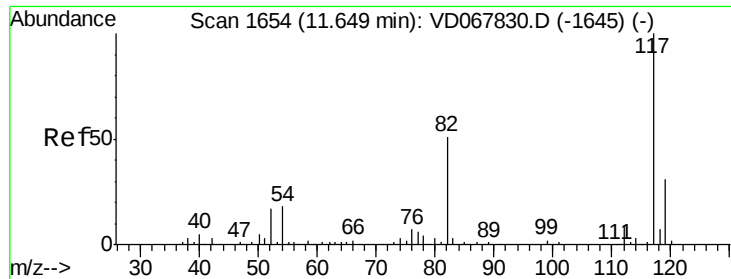


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

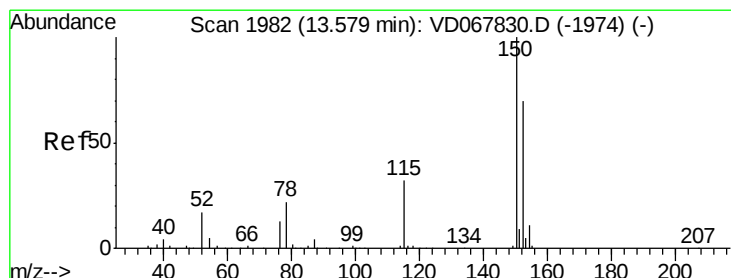
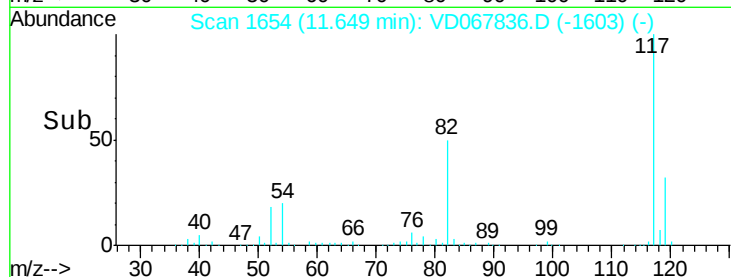
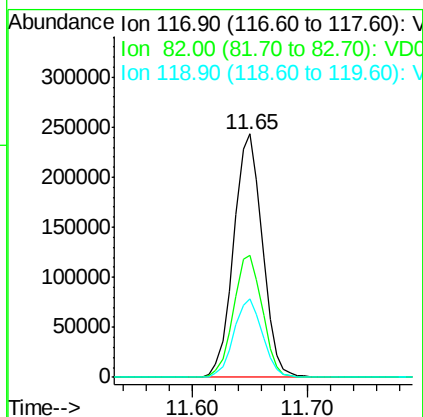
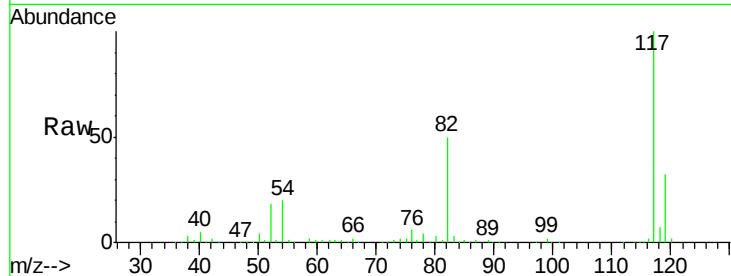




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067836.D
Acq: 02 Dec 2020 15:17

Instrument :
MSVOA_D
ClientSampleId :
VD1202SBL01

Tot Ion:117 Resp: 419077
Ion Ratio Lower Upper
117 100
82 50.1 40.6 60.8
119 32.4 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: VD067836.D
Acq: 02 Dec 2020 15:17

Tgt Ion:152 Resp: 206623
Ion Ratio Lower Upper
152 100
115 58.3 29.1 87.4
150 155.0 0.0 339.0

