

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112420\
 Data File : VD067760.D
 Acq On : 24 Nov 2020 11:07
 Operator : VA/SY
 Sample : VD1124SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1124SBL01

Quant Time: Nov 25 02:18:04 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	251925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	389509	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	350854	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	167188	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	135528	55.33	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.66%
35) Dibromofluoromethane	7.91	113	125522	50.64	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.28%
50) Toluene-d8	10.34	98	441188	48.68	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.36%
62) 4-Bromofluorobenzene	12.64	95	142489	46.00	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.00%

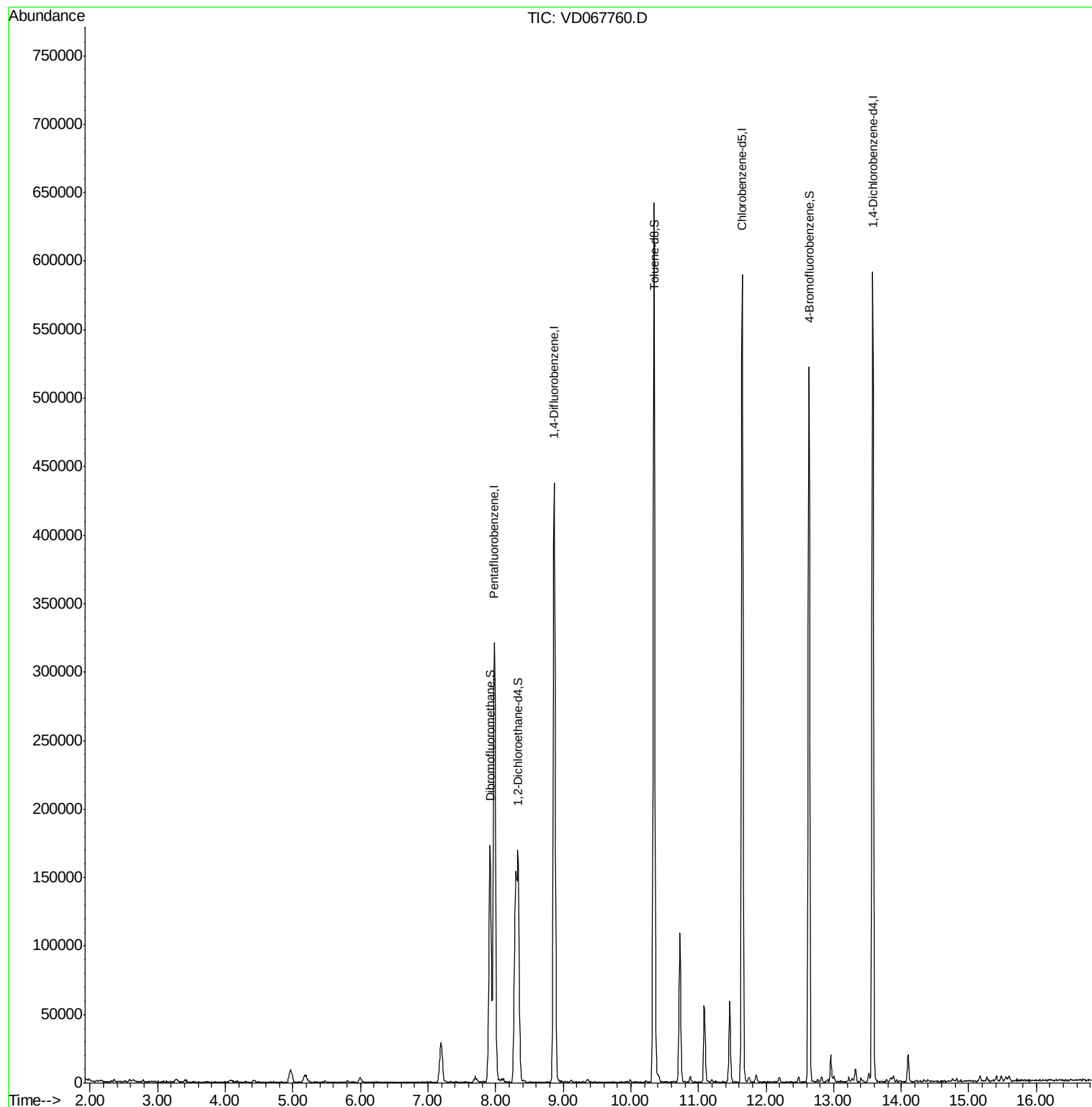
Target Compounds	Qvalue
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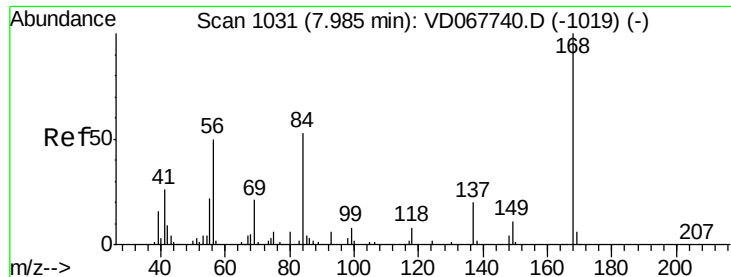
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067760.D

Acq: 24 Nov 2020 11:07

Instrument :

MSVOA_D

ClientSampleId :

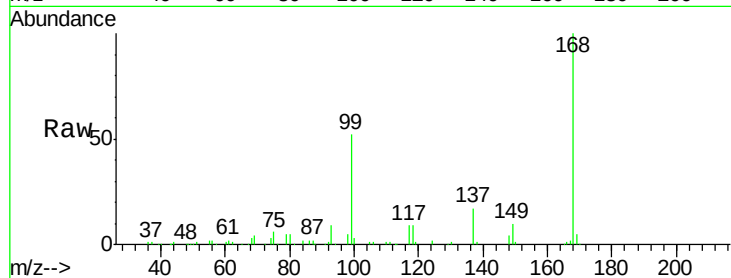
VD1124SBL01

Tot Ion:168 Resp: 251925

Ion Ratio Lower Upper

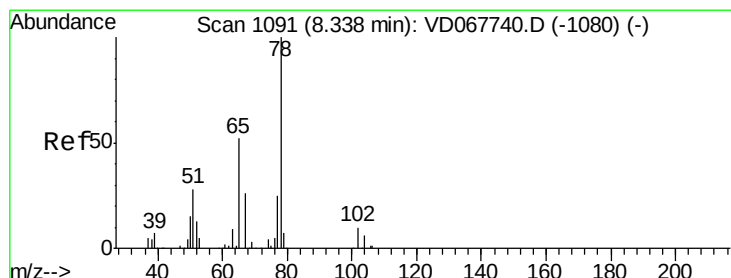
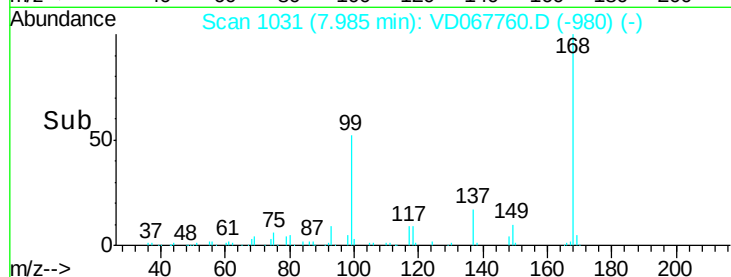
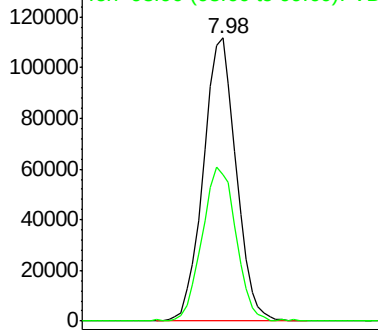
168 100

99 51.4 43.8 65.8



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: 55.329 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067760.D

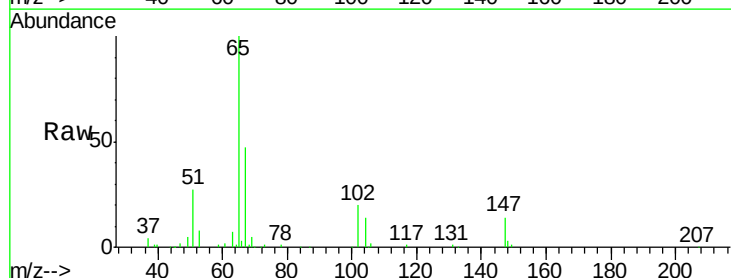
Acq: 24 Nov 2020 11:07

Tgt Ion: 65 Resp: 135528

Ion Ratio Lower Upper

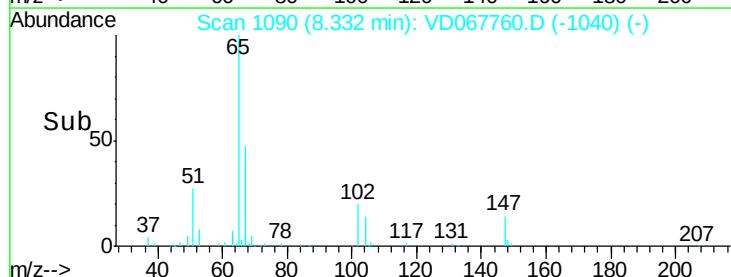
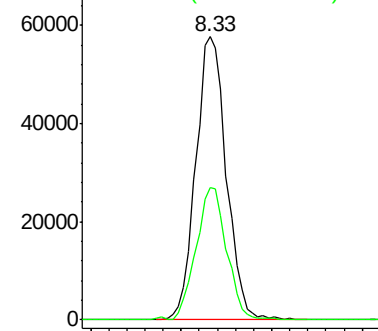
65 100

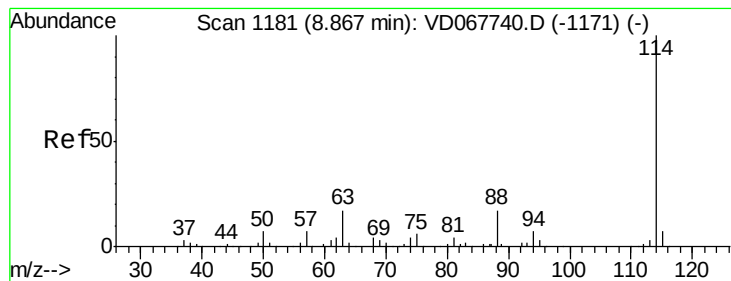
67 46.6 0.0 101.0



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: VD067760.D

Acq: 24 Nov 2020 11:07

Instrument :

MSVOA_D

ClientSampleId :

VD1124SBL01

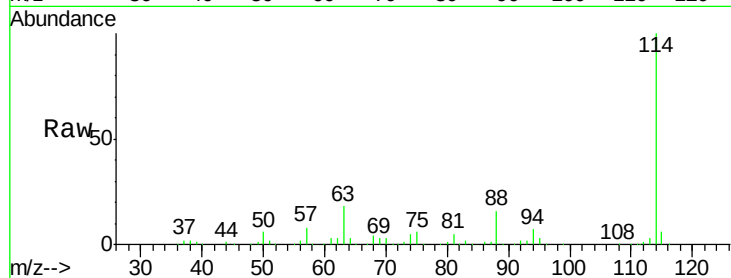
Tot Ion:114 Resp: 389509

Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.8

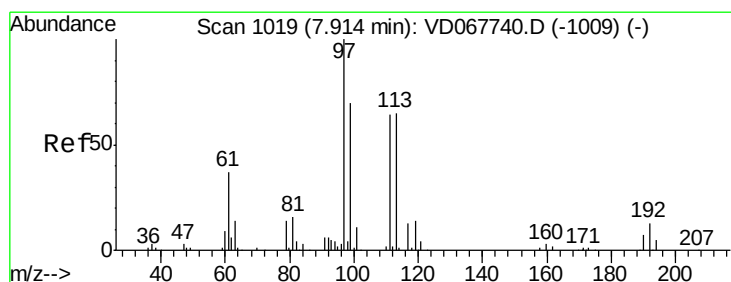
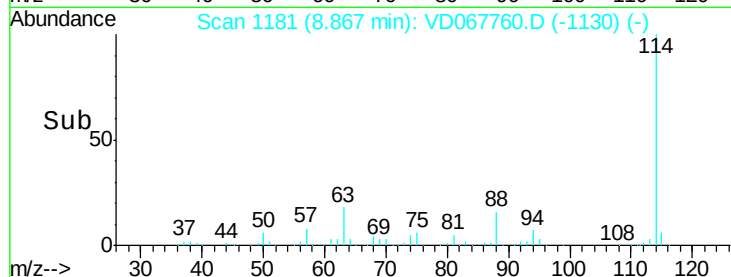
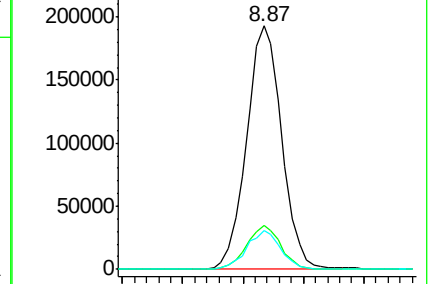
88 15.9 0.0 34.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 50.638 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067760.D

Acq: 24 Nov 2020 11:07

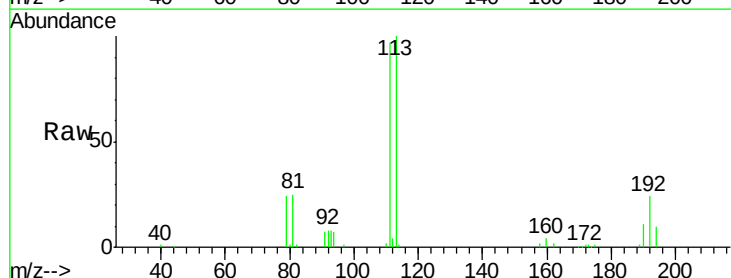
Tgt Ion:113 Resp: 125522

Ion Ratio Lower Upper

113 100

111 99.2 81.4 122.0

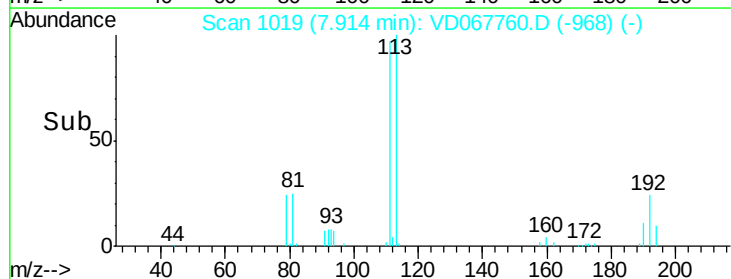
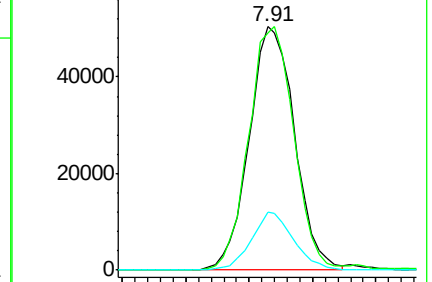
192 21.9 17.0 25.4

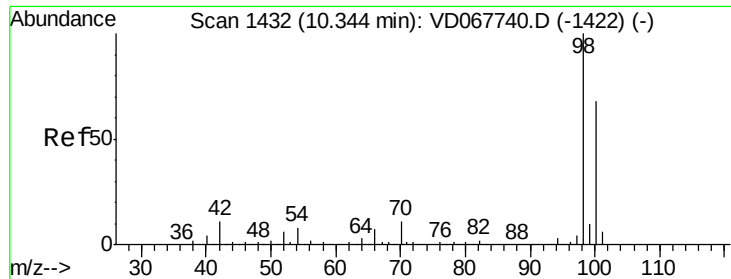


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.681 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067760.D

Acq: 24 Nov 2020 11:07

Instrument :

MSVOA_D

ClientSampleID :

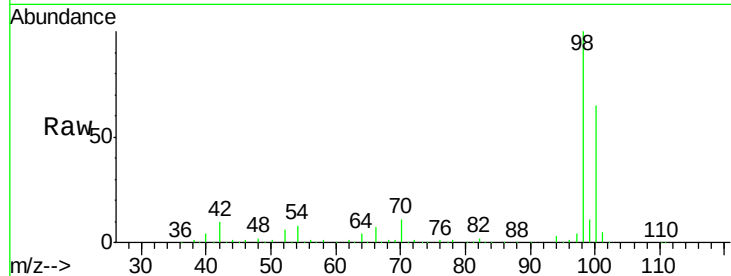
VD1124SBL01

Tot Ion: 98 Resp: 441188

Ion Ratio Lower Upper

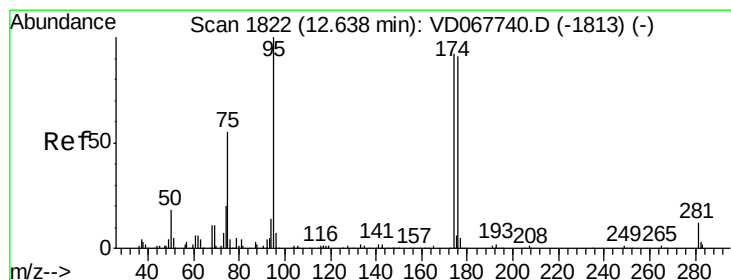
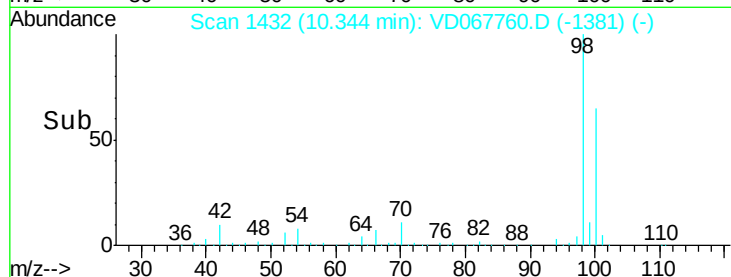
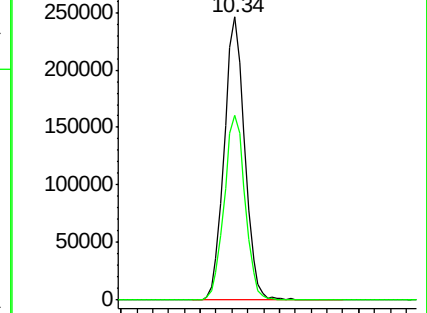
98 100

100 66.6 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: 45.998 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067760.D

Acq: 24 Nov 2020 11:07

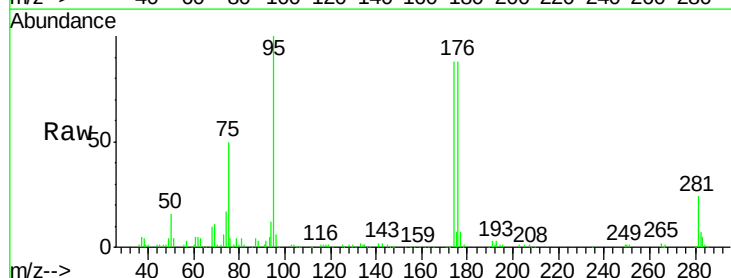
Tgt Ion: 95 Resp: 142489

Ion Ratio Lower Upper

95 100

174 92.9 0.0 182.4

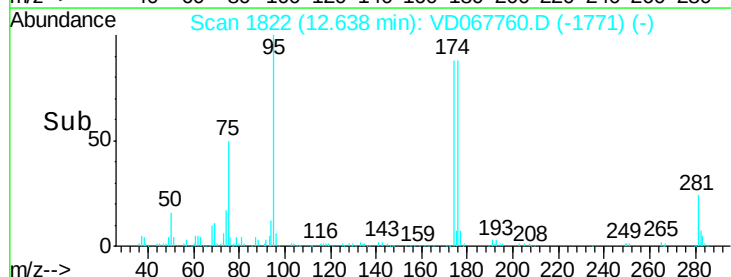
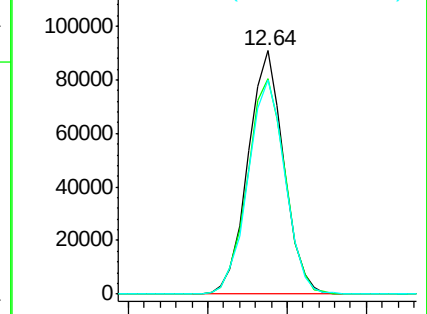
176 91.0 0.0 178.2

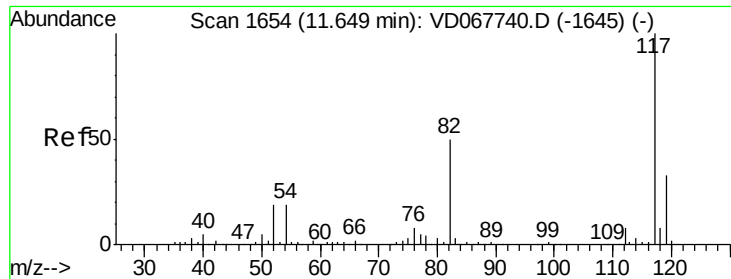


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

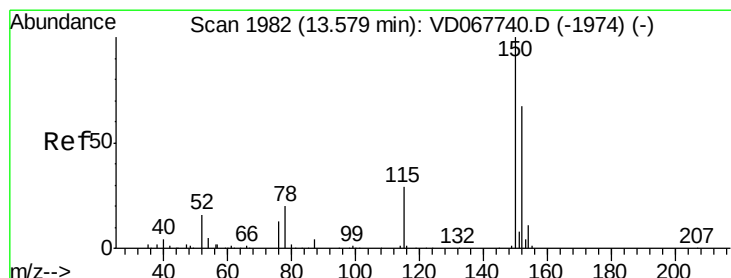
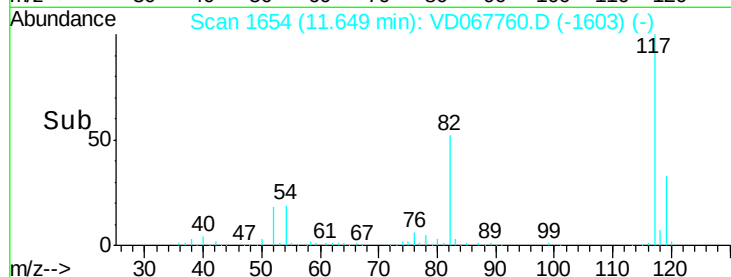
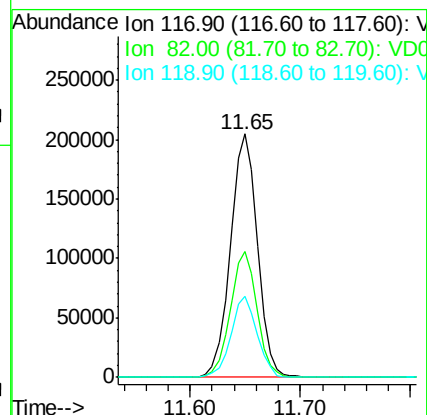
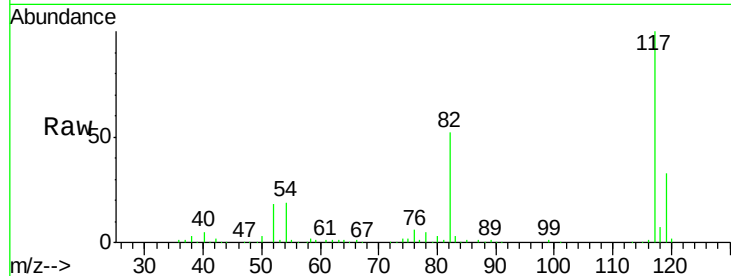




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.65 min Scan# 1654
 Delta R.T. 0.00 min
 Lab File: VD067760.D
 Acq: 24 Nov 2020 11:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1124SBL01

Tot Ion:117 Resp: 350854
 Ion Ratio Lower Upper
 117 100
 82 51.6 40.2 60.4
 119 33.2 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: VD067760.D
 Acq: 24 Nov 2020 11:07

Tgt Ion:152 Resp: 167188
 Ion Ratio Lower Upper
 152 100
 115 57.6 29.4 88.3
 150 154.6 0.0 340.6

