

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112420\
 Data File : VD067776.D
 Acq On : 24 Nov 2020 18:58
 Operator : VA/SY
 Sample : L4889-01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB178-GW-768-770

Quant Time: Nov 25 03:14:07 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	7.99	168	151400	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	241974	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	204025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	66097	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	82220	55.85	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.70%
35) Dibromofluoromethane	7.92	113	78915	51.25	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.50%
50) Toluene-d8	10.34	98	244478	43.42	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.84%
62) 4-Bromofluorobenzene	12.64	95	64086	33.30	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	66.60%

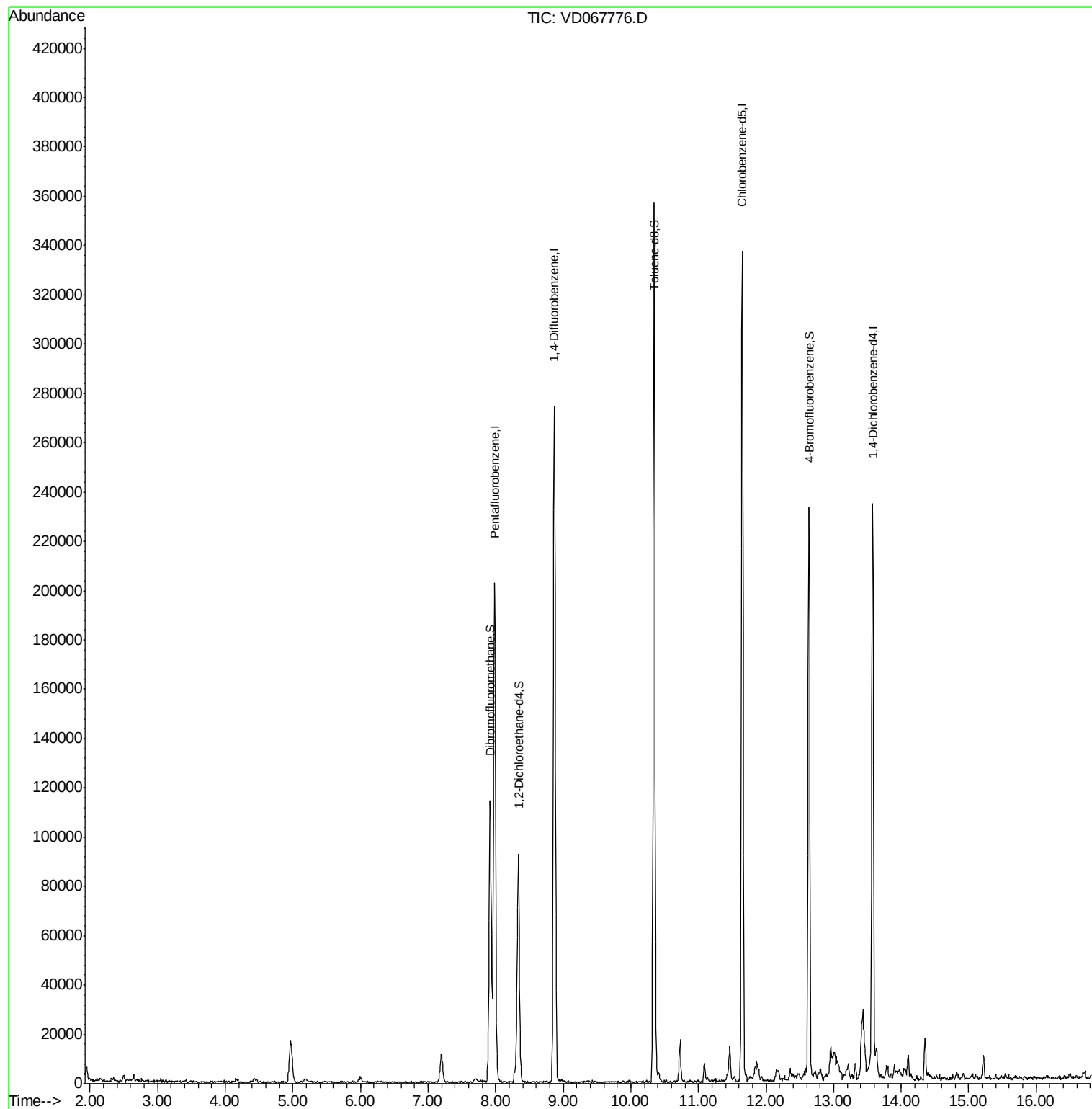
Target Compounds	Qvalue
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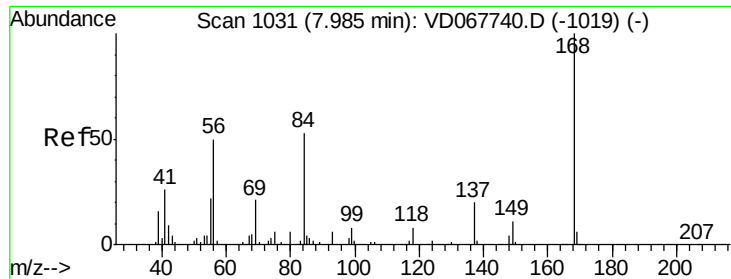
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067776.D

Acq: 24 Nov 2020 18:58

Instrument :

MSVOA_D

ClientSampleId :

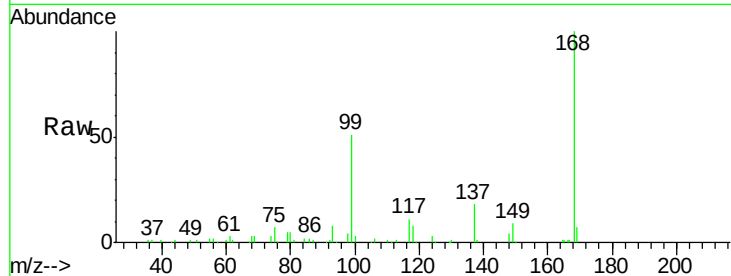
BP-VPB178-GW-768-770

Tot Ion:168 Resp: 151400

Ion Ratio Lower Upper

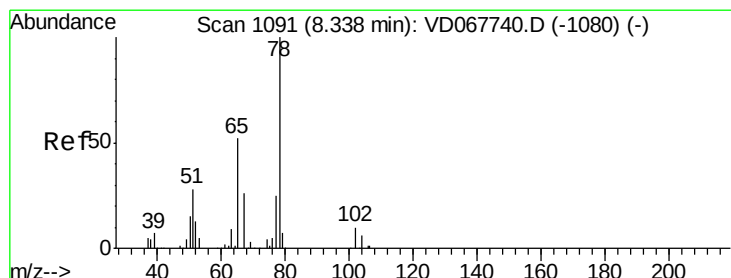
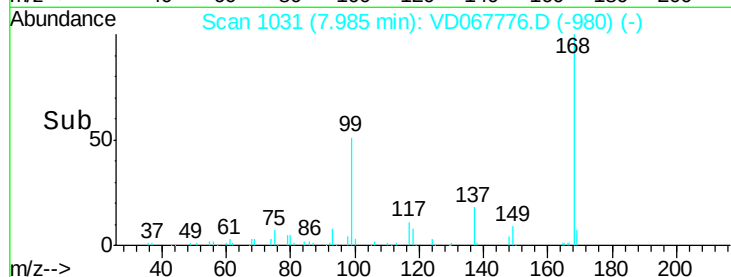
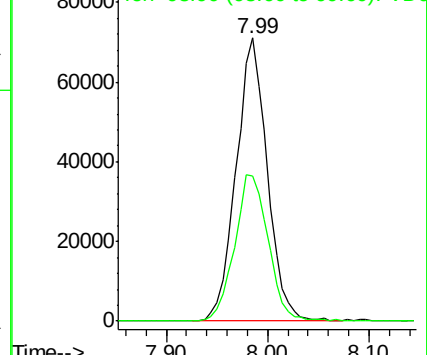
168 100

99 51.2 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: 55.853 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD067776.D

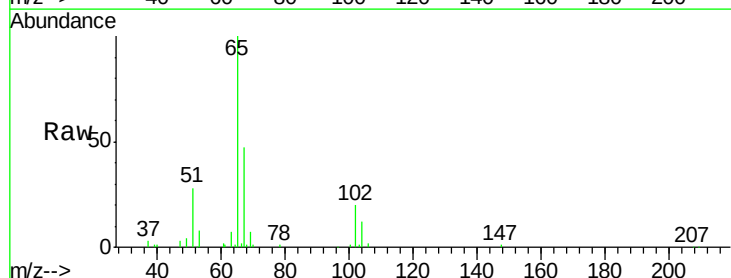
Acq: 24 Nov 2020 18:58

Tgt Ion: 65 Resp: 82220

Ion Ratio Lower Upper

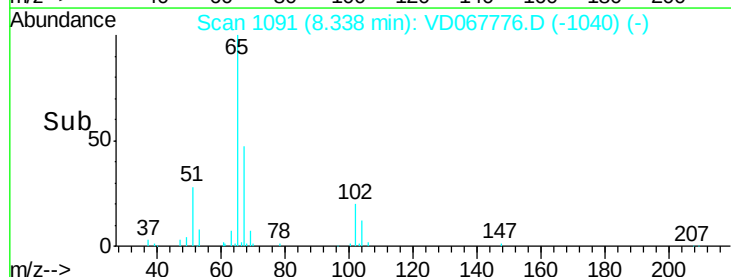
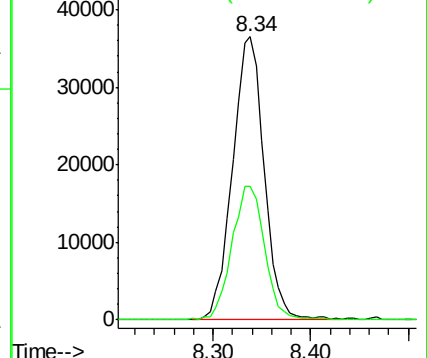
65 100

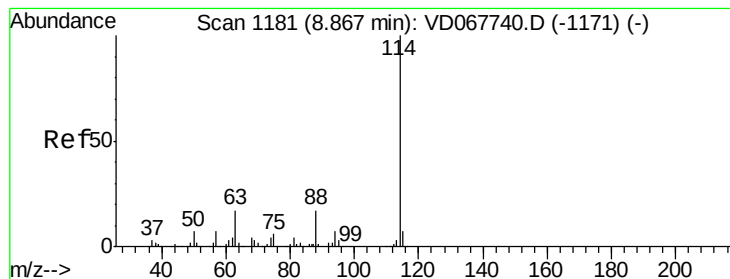
67 49.1 0.0 101.0



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: VD067776.D

Acq: 24 Nov 2020 18:58

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB178-GW-768-770

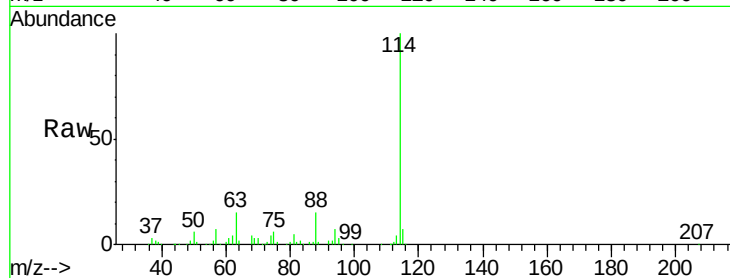
Tot Ion:114 Resp: 241974

Ion Ratio Lower Upper

114 100

63 15.4 0.0 34.8

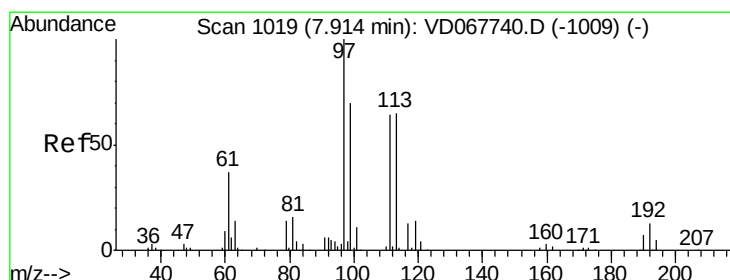
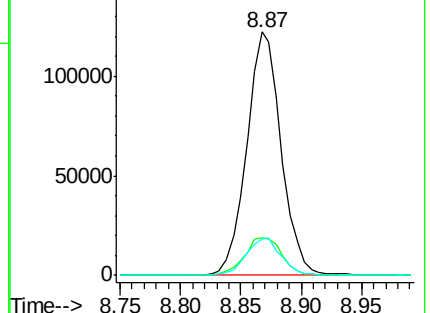
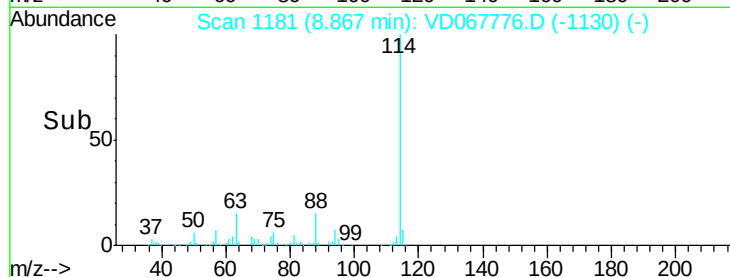
88 14.8 0.0 34.4



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: 51.246 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067776.D

Acq: 24 Nov 2020 18:58

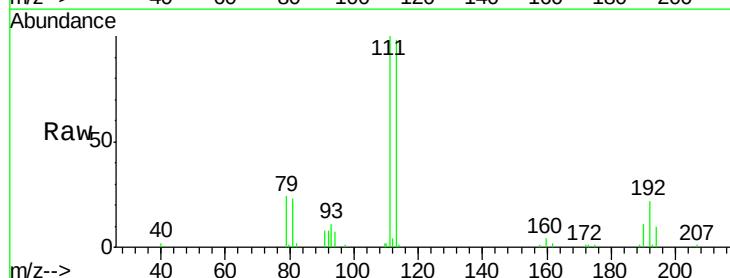
Tgt Ion:113 Resp: 78915

Ion Ratio Lower Upper

113 100

111 100.5 81.4 122.0

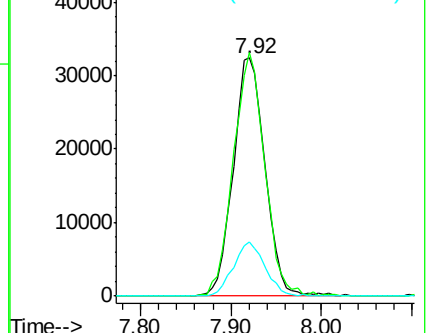
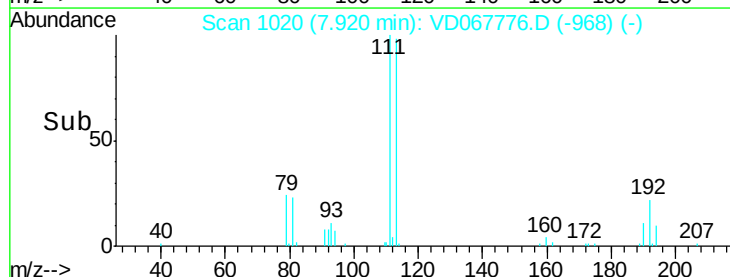
192 22.4 17.0 25.4

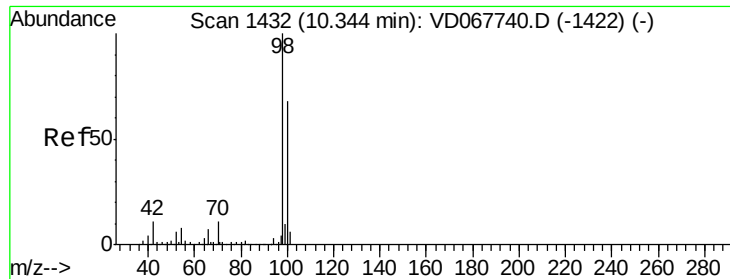


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 43.424 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067776.D

Acq: 24 Nov 2020 18:58

Instrument :

MSVOA_D

ClientSampleId :

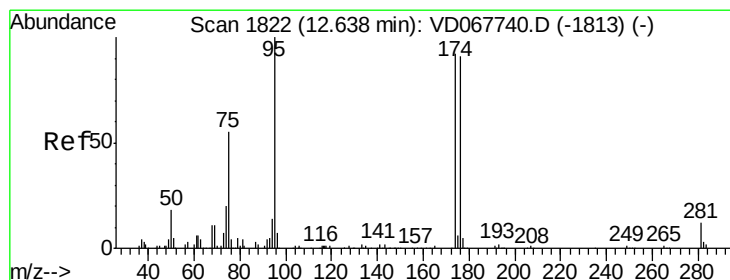
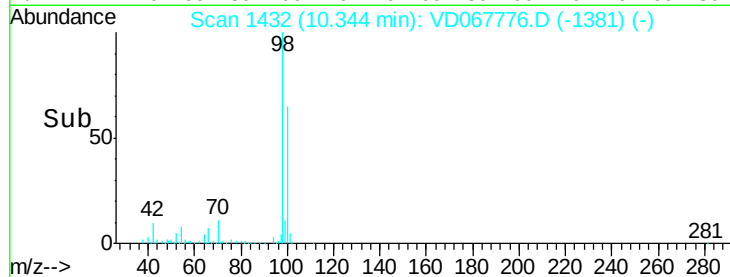
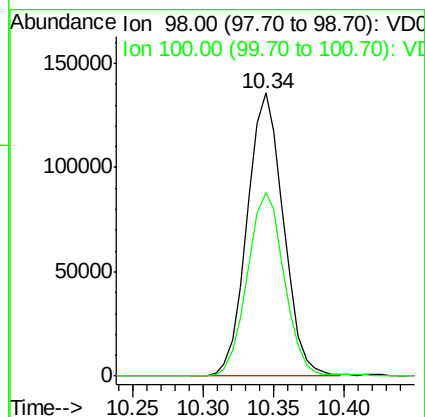
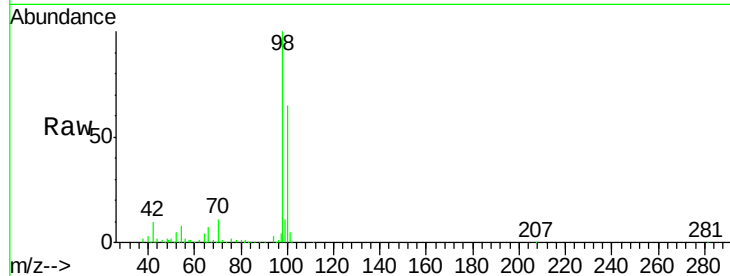
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Tot Ion: 98 Resp: 244478

Ion Ratio Lower Upper

98 100

100 66.2 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 33.302 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067776.D

Acq: 24 Nov 2020 18:58

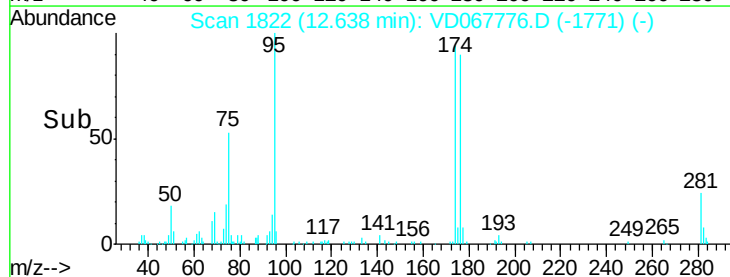
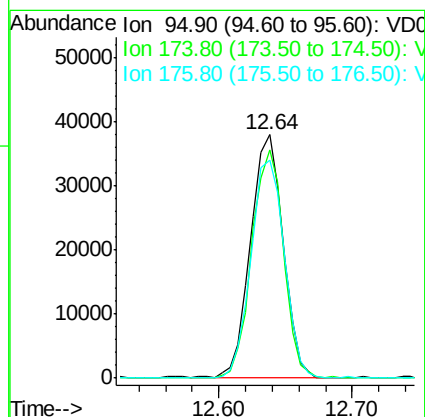
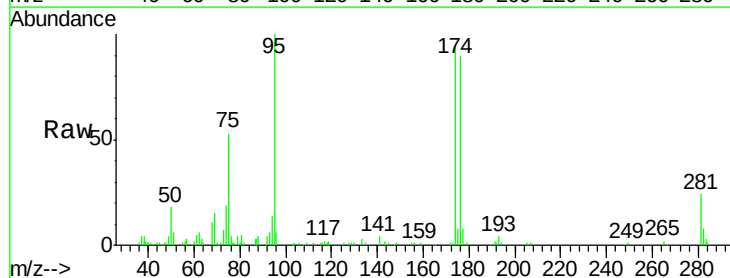
Tgt Ion: 95 Resp: 64086

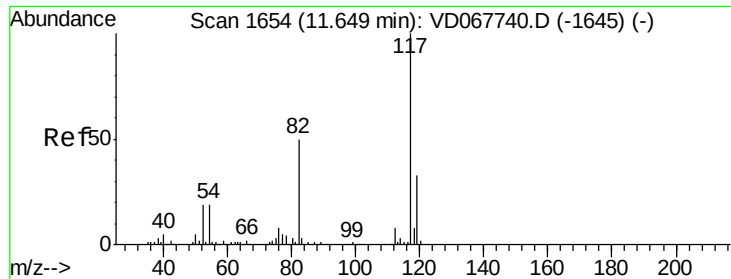
Ion Ratio Lower Upper

95 100

174 90.8 0.0 182.4

176 91.5 0.0 178.2

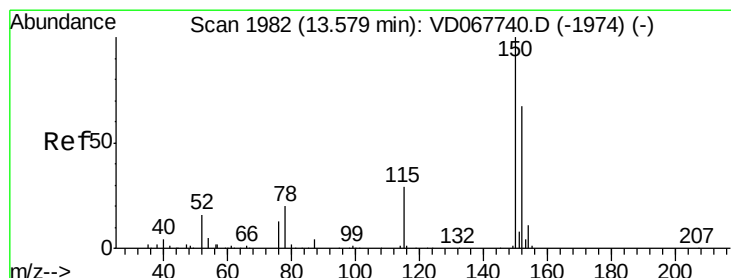
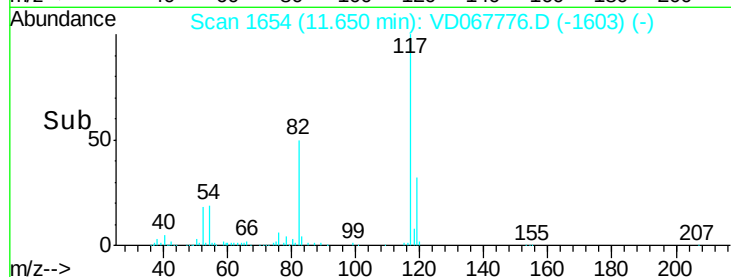
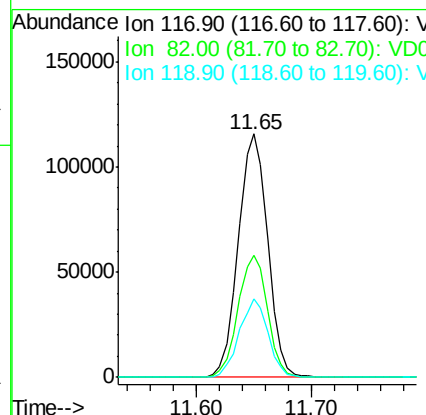
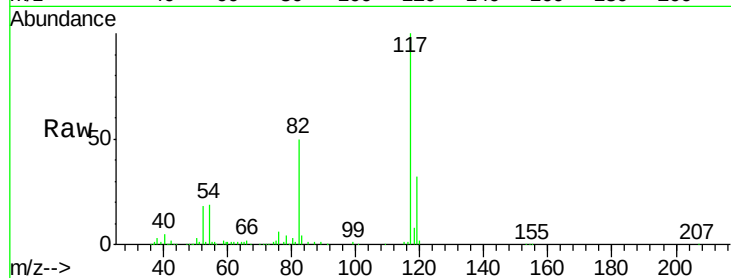




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067776.D
Acq: 24 Nov 2020 18:58

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB178-GW-768-770

Tot Ion:117 Resp: 204025
Ion Ratio Lower Upper
117 100
82 49.9 40.2 60.4
119 32.5 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: VD067776.D
Acq: 24 Nov 2020 18:58

Tgt Ion:152 Resp: 66097
Ion Ratio Lower Upper
152 100
115 61.1 29.4 88.3
150 149.1 0.0 340.6

