

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD113020\
 Data File : VD067814.D
 Acq On : 30 Nov 2020 14:45
 Operator : VA/SY
 Sample : L4882-01RE
 Misc : 6.07G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B48-112320-0-1RE

Quant Time: Dec 01 00:32:58 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	709027	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1221046	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1123327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	505525	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	432021	62.67	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.34%
35) Dibromofluoromethane	7.92	113	388111	49.95	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.90%
50) Toluene-d8	10.34	98	1375412	48.41	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.82%
62) 4-Bromofluorobenzene	12.64	95	486056	50.05	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.10%

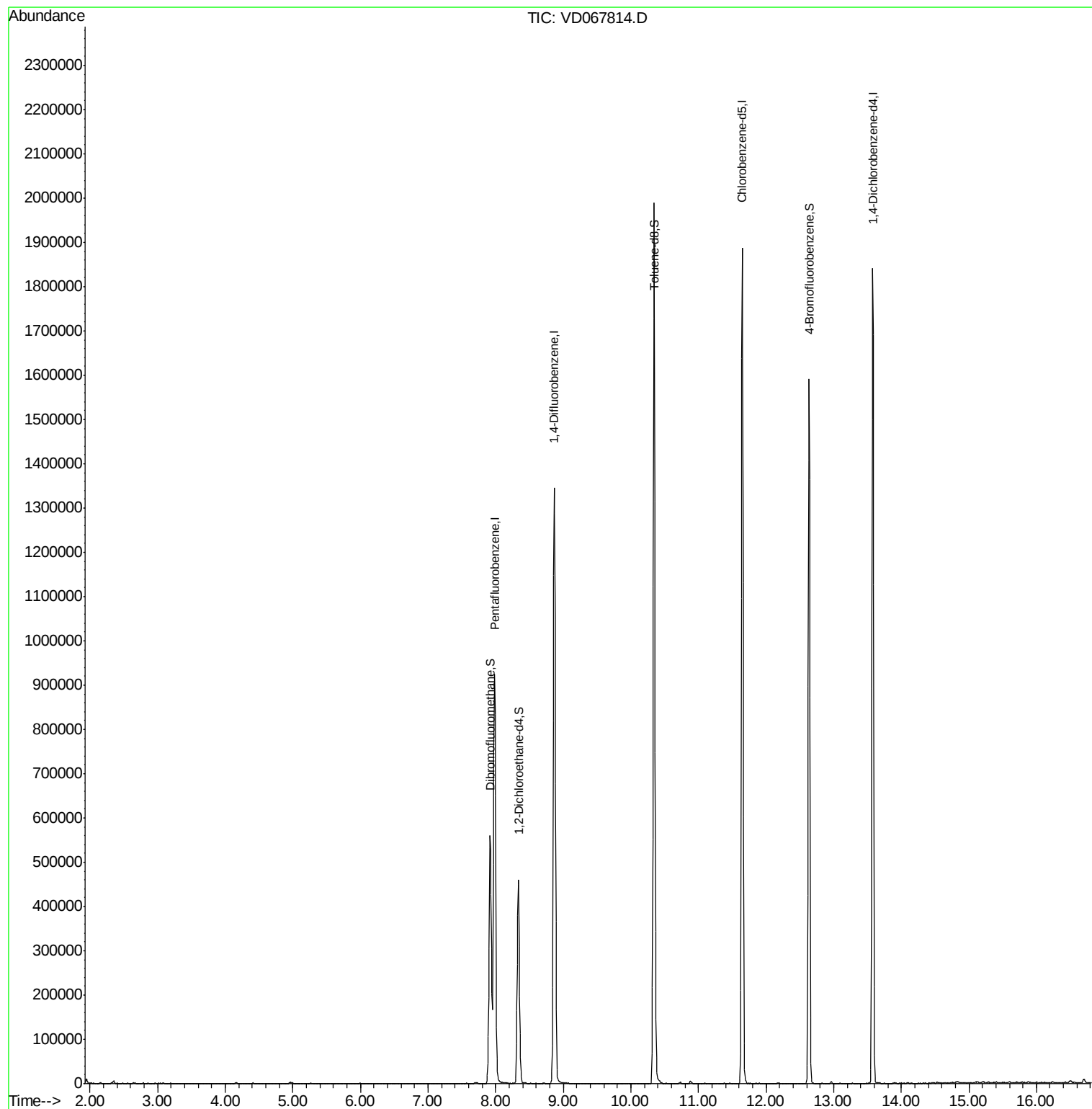
Target Compounds	Qvalue

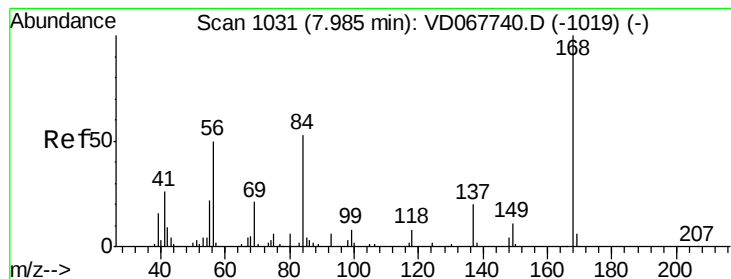
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067814.D

Acq: 30 Nov 2020 14:45

Instrument :

MSVOA_D

ClientSampleId :

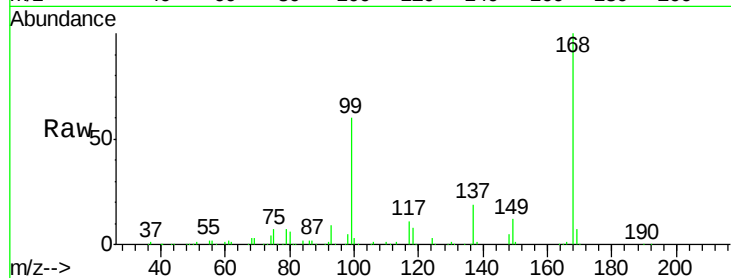
PAV-B48-112320-0-1RE

Tot Ion:168 Resp: 709027

Ion Ratio Lower Upper

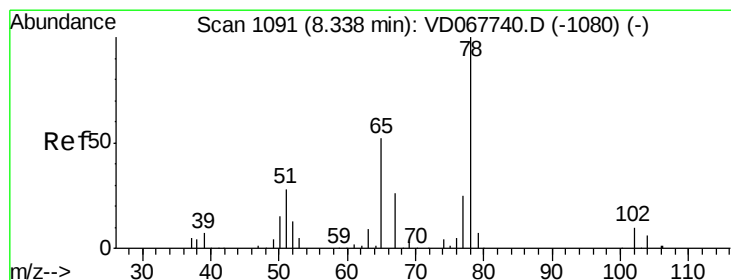
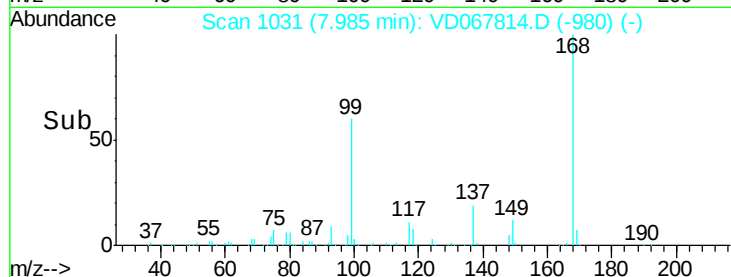
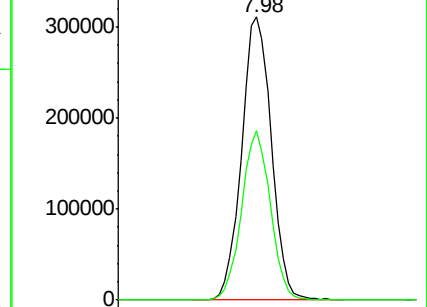
168 100

99 59.7 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: 62.667 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD067814.D

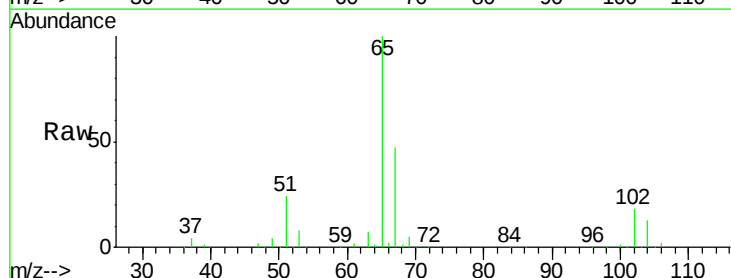
Acq: 30 Nov 2020 14:45

Tgt Ion: 65 Resp: 432021

Ion Ratio Lower Upper

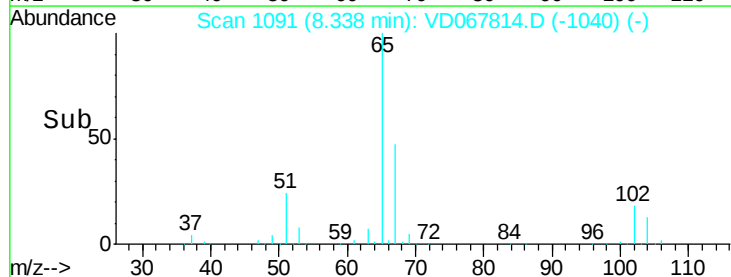
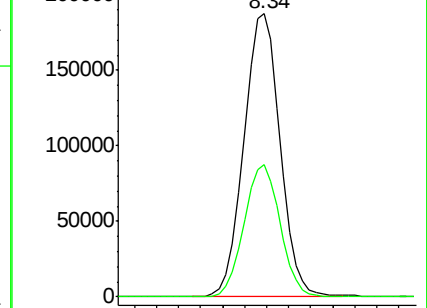
65 100

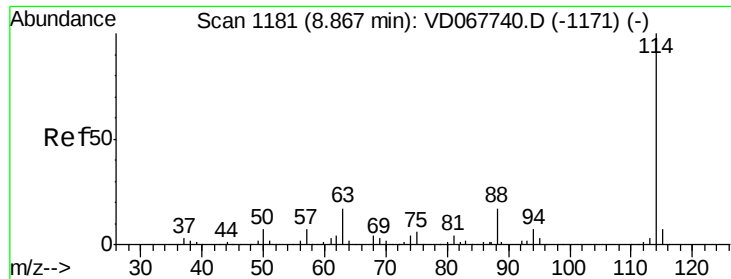
67 46.7 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

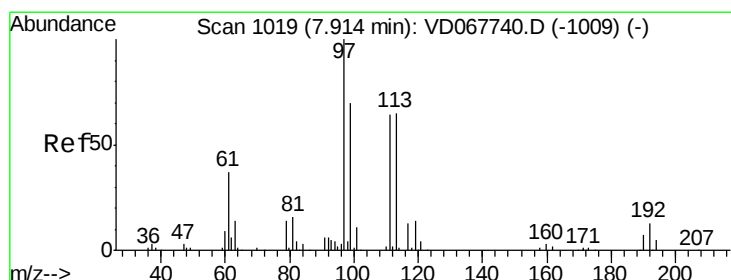
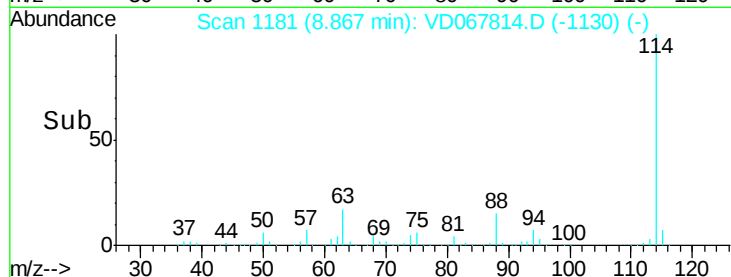
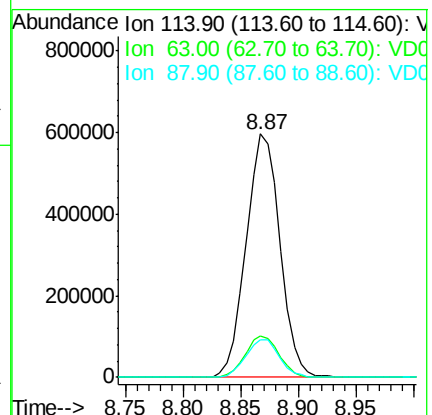
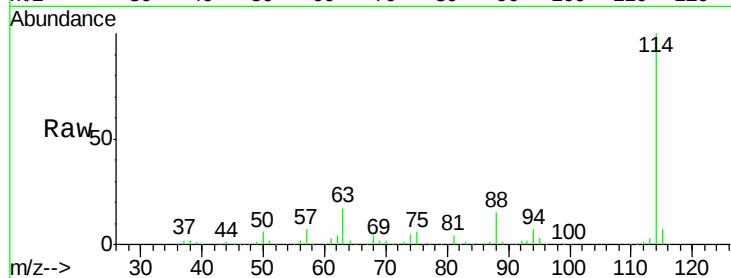




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD067814.D
Acq: 30 Nov 2020 14:45

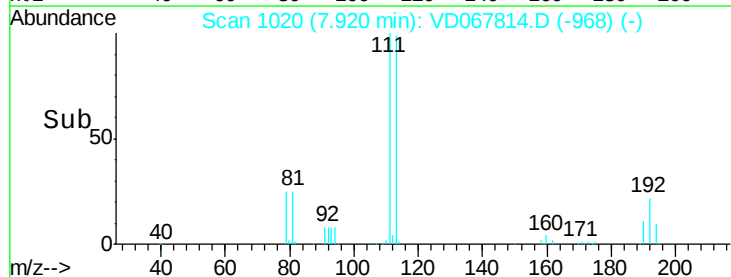
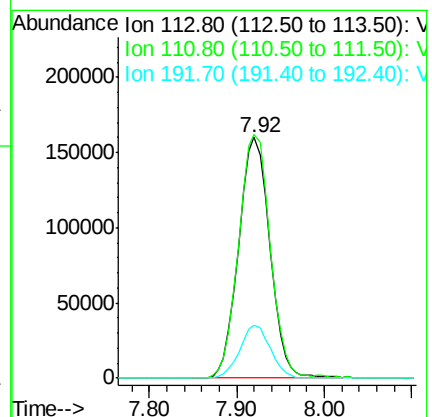
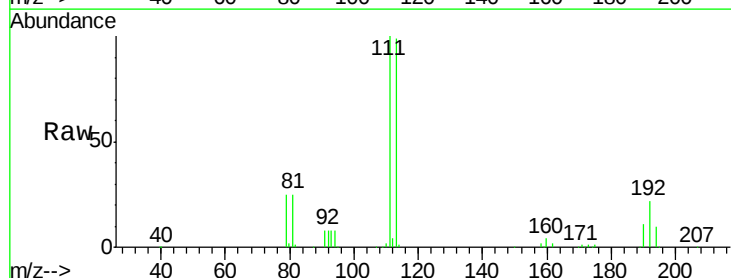
Instrument :
MSVOA_D
ClientSampleId :
PAV-B48-112320-0-1RE

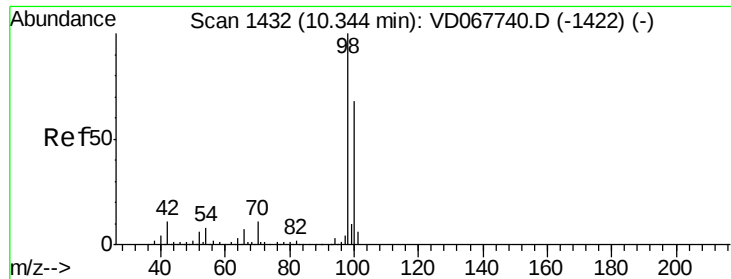
Tot Ion:114 Resp: 1221046
Ion Ratio Lower Upper
114 100
63 16.8 0.0 34.8
88 15.3 0.0 34.4



#35
Dibromofluoromethane
Concen: 49.945 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067814.D
Acq: 30 Nov 2020 14:45

Tgt Ion:113 Resp: 388111
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.0
192 21.4 17.0 25.4





#50

Toluene-d8

Concen: 48.412 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067814.D

Acq: 30 Nov 2020 14:45

Instrument :

MSVOA_D

ClientSampleId :

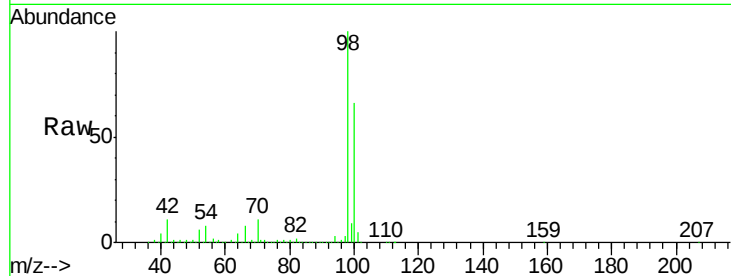
PAV-B48-112320-0-1RE

Tot Ion: 98 Resp: 1375412

Ion Ratio Lower Upper

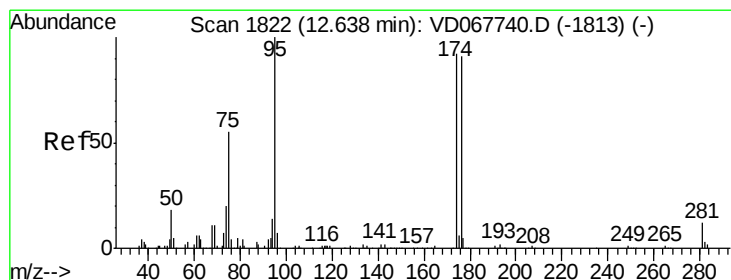
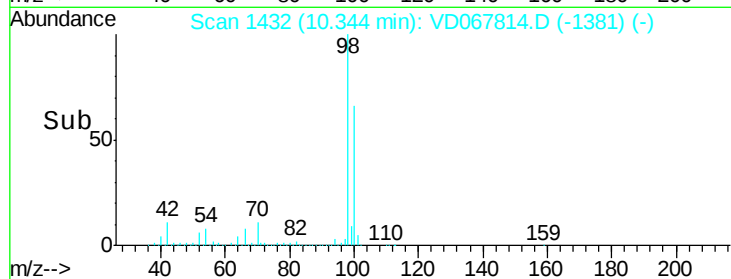
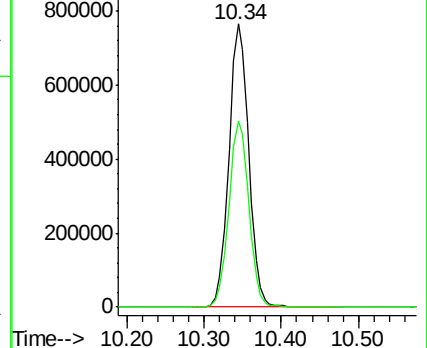
98 100

100 66.4 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: 50.053 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067814.D

Acq: 30 Nov 2020 14:45

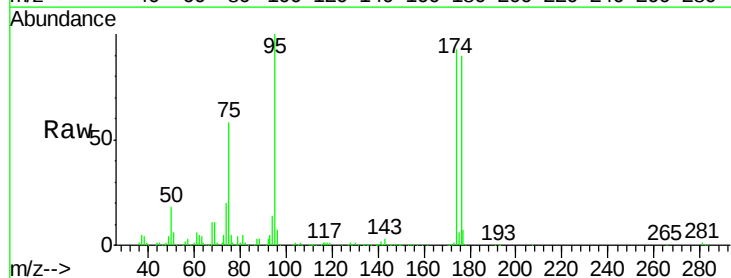
Tgt Ion: 95 Resp: 486056

Ion Ratio Lower Upper

95 100

174 92.3 0.0 182.4

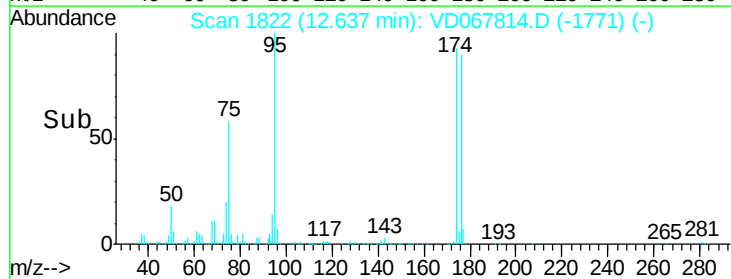
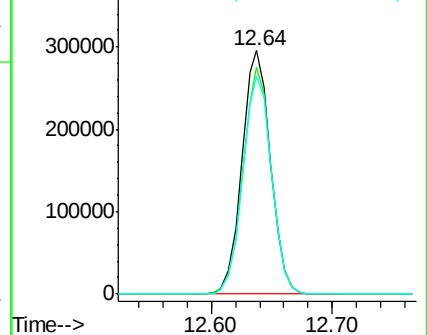
176 90.2 0.0 178.2

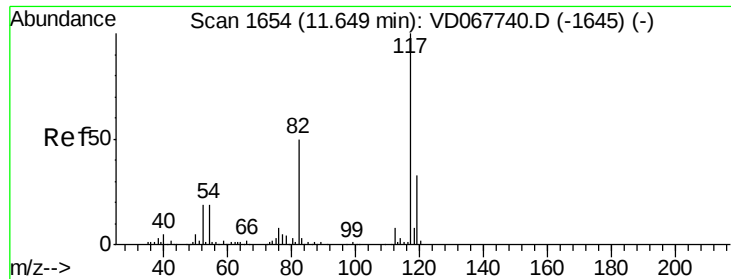


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

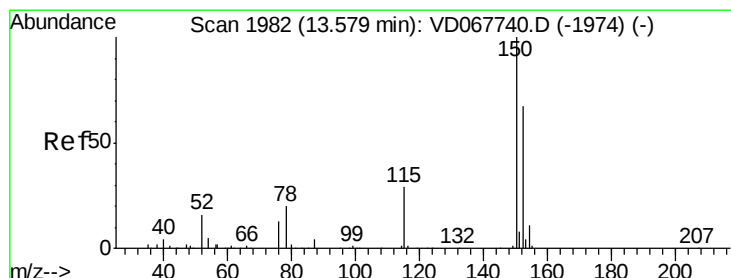
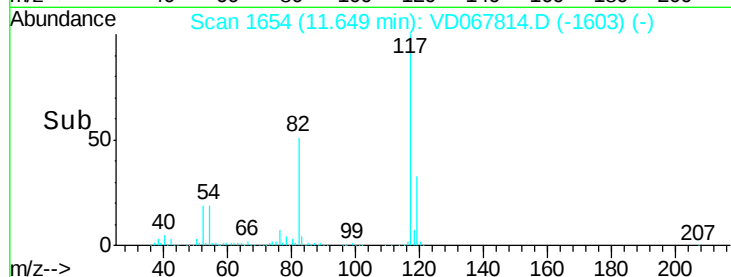
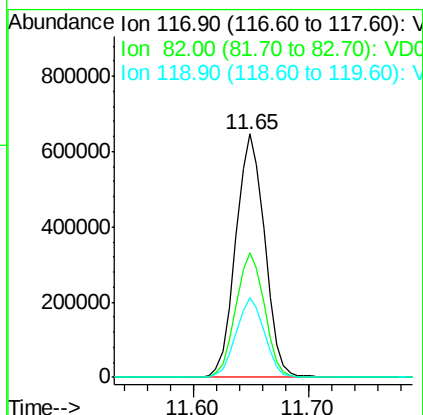
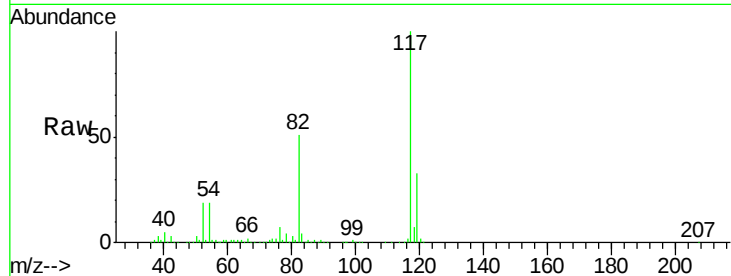




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067814.D
Acq: 30 Nov 2020 14:45

Instrument :
MSVOA_D
ClientSampleId :
PAV-B48-112320-0-1RE

Tot Ion:117 Resp: 1123327
Ion Ratio Lower Upper
117 100
82 51.4 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: VD067814.D
Acq: 30 Nov 2020 14:45

Tgt Ion:152 Resp: 505525
Ion Ratio Lower Upper
152 100
115 59.1 29.4 88.3
150 156.0 0.0 340.6

