

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112320\
 Data File : VD067756.D
 Acq On : 23 Nov 2020 20:00
 Operator : VA/SY
 Sample : L4874-01
 Misc : 5.83G/5.00ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11933

Quant Time: Nov 24 01:26:51 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	257357	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	409259	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	474497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	260844	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	126732	50.65	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.30%
35) Dibromofluoromethane	7.92	113	126667	48.63	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.26%
50) Toluene-d8	10.34	98	496543	52.15	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.30%
62) 4-Bromofluorobenzene	12.64	95	228630	70.24	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	140.48%

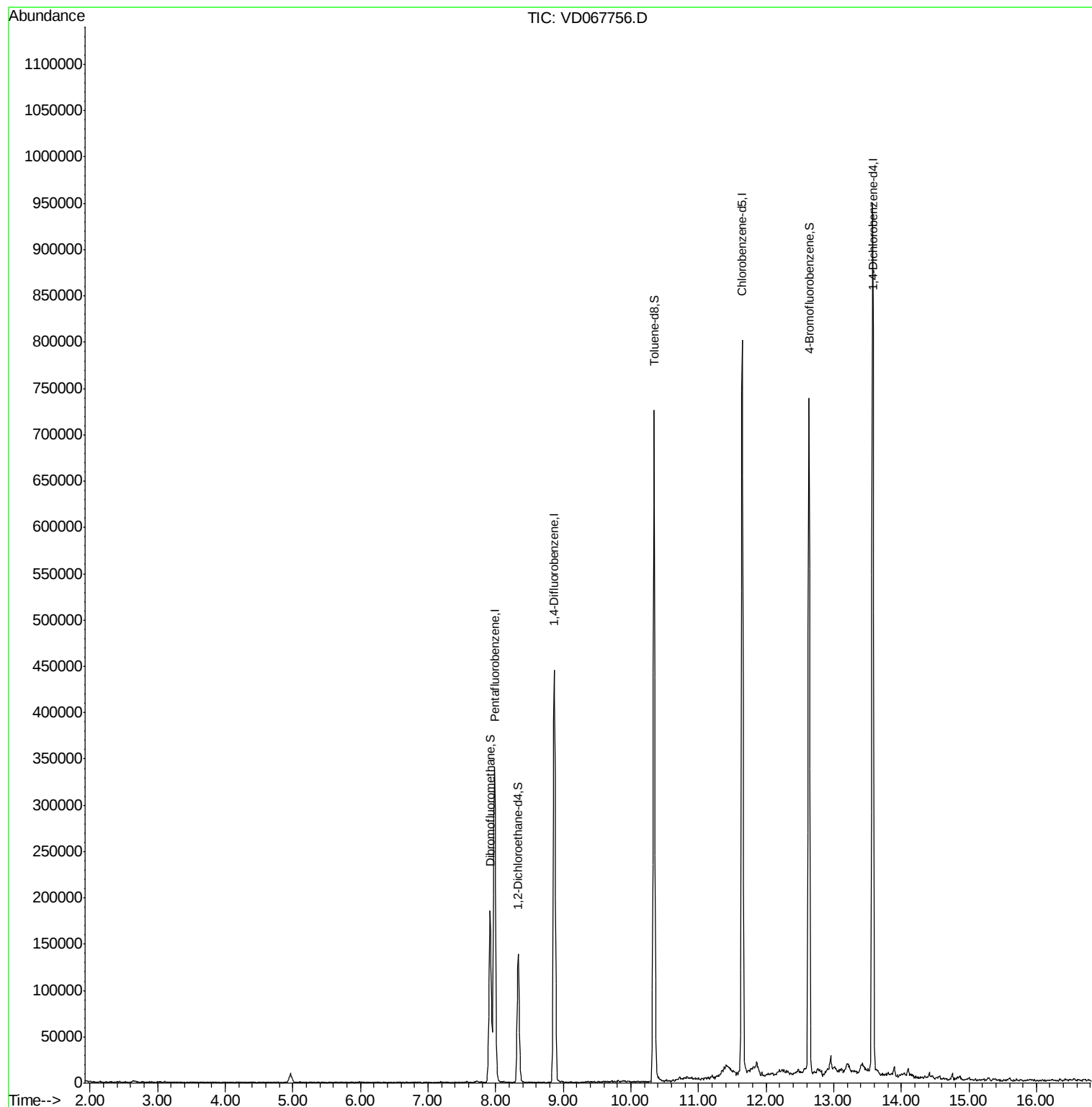
Target Compounds	Qvalue
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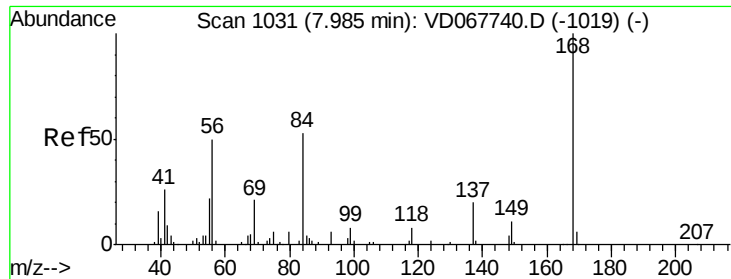
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067756.D

Acq: 23 Nov 2020 20:00

Instrument :

MSVOA_D

ClientSampleId :

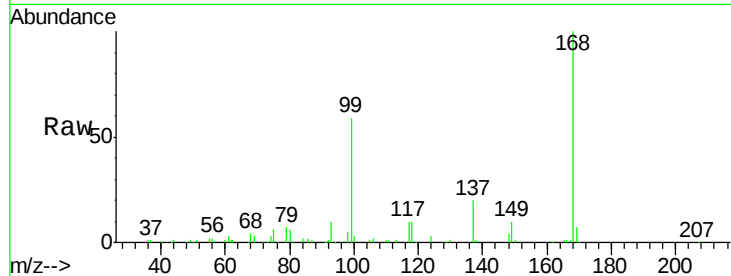
72-11933

Tot Ion:168 Resp: 257357

Ion Ratio Lower Upper

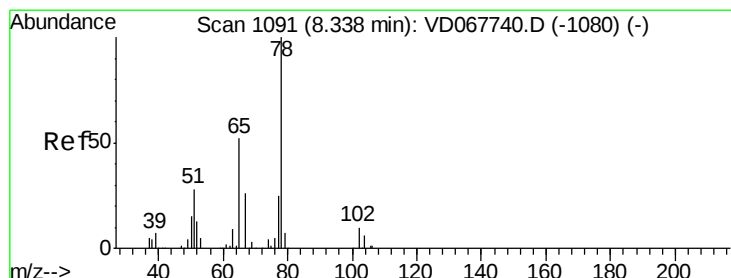
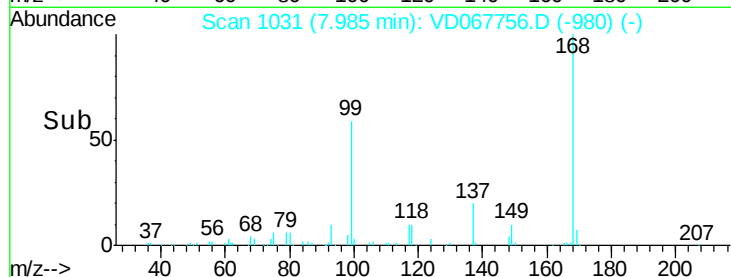
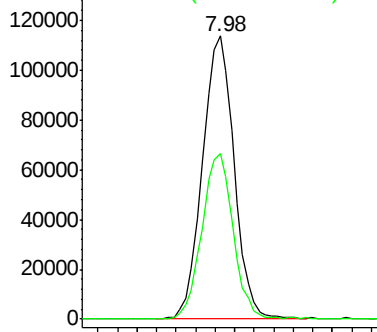
168 100

99 58.6 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: 50.646 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067756.D

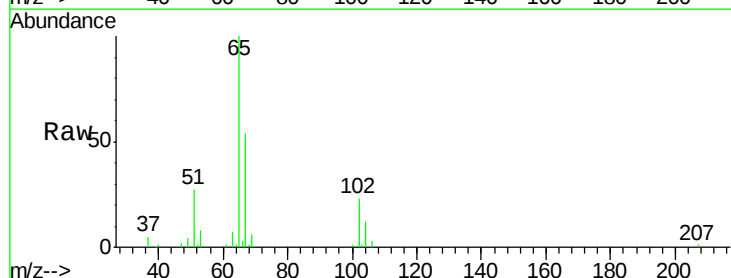
Acq: 23 Nov 2020 20:00

Tgt Ion: 65 Resp: 126732

Ion Ratio Lower Upper

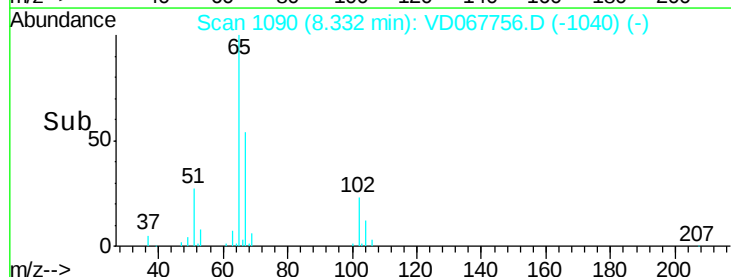
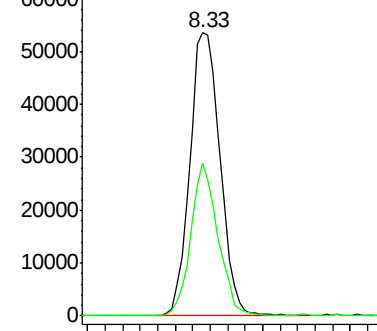
65 100

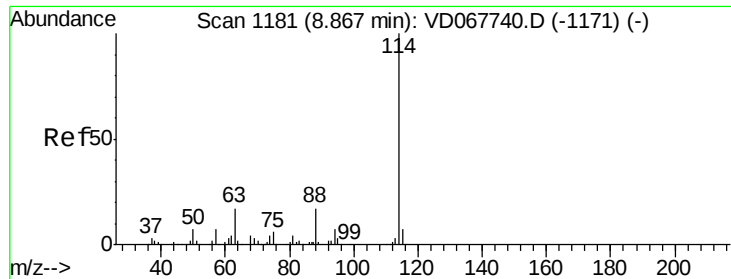
67 48.5 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

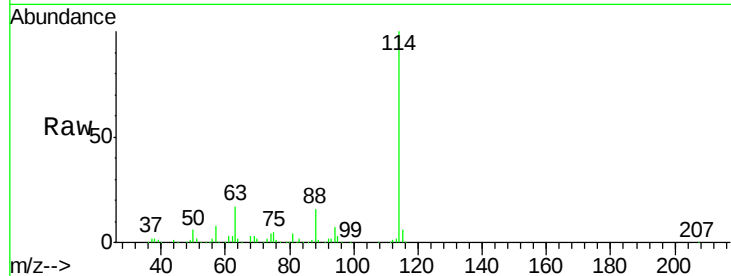




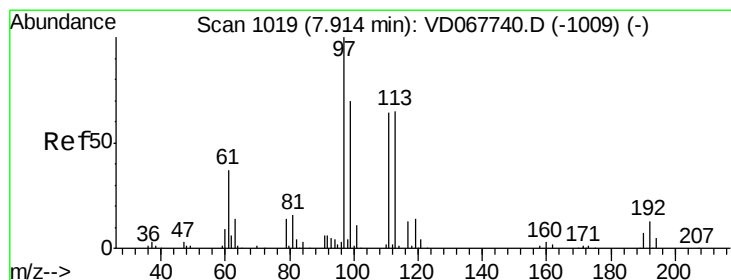
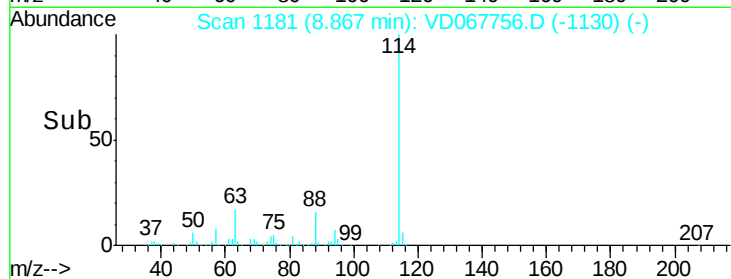
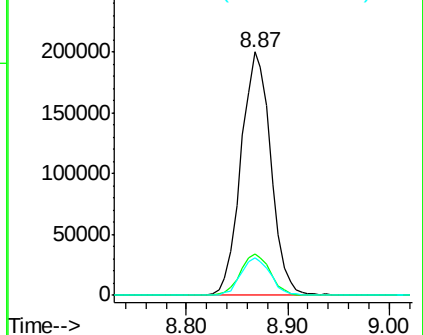
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD067756.D
 Acq: 23 Nov 2020 20:00

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11933

Tot Ion:114 Resp: 409259
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 34.8
 88 15.5 0.0 34.4

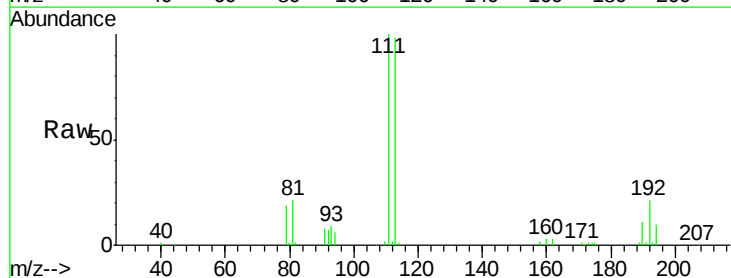


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

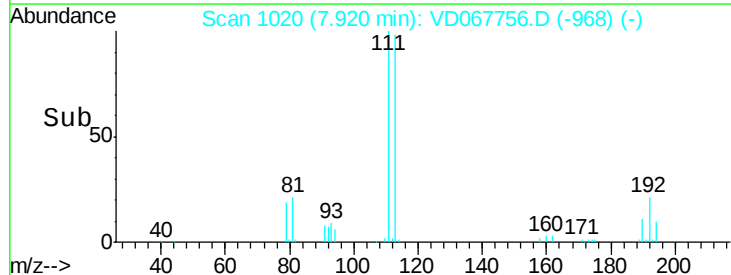
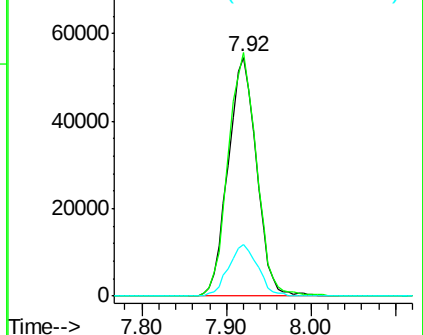


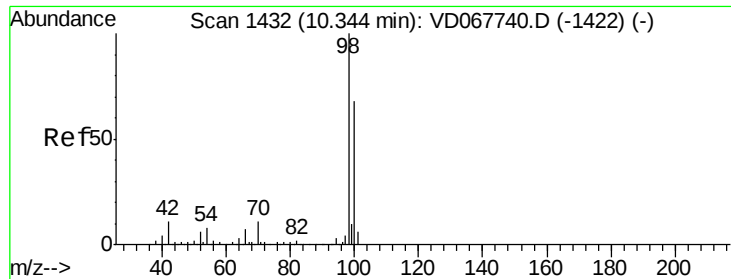
#35
 Dibromofluoromethane
 Concen: 48.634 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067756.D
 Acq: 23 Nov 2020 20:00

Tgt Ion:113 Resp: 126667
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.4 122.0
 192 22.1 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

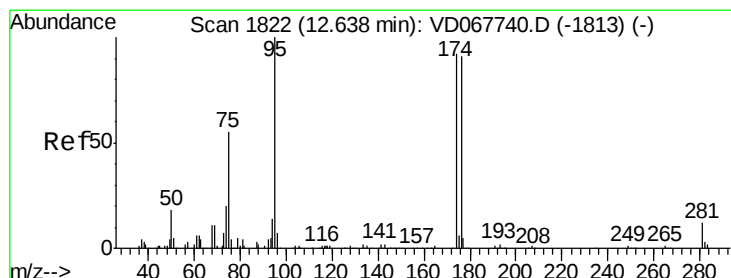
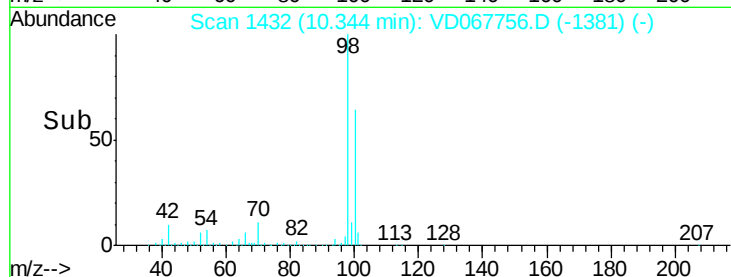
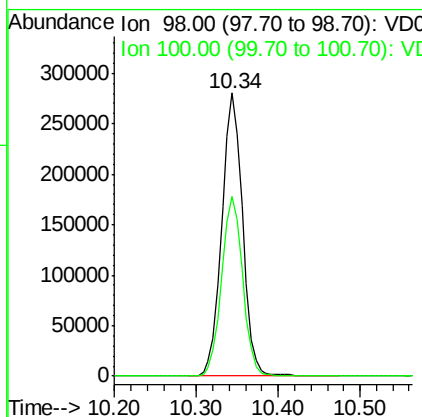
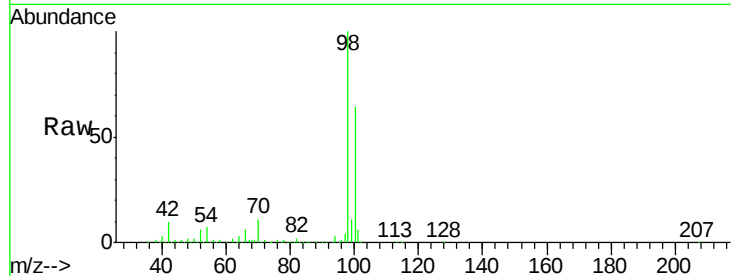




#50
Toluene-d8
Concen: 52.145 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067756.D
Acq: 23 Nov 2020 20:00

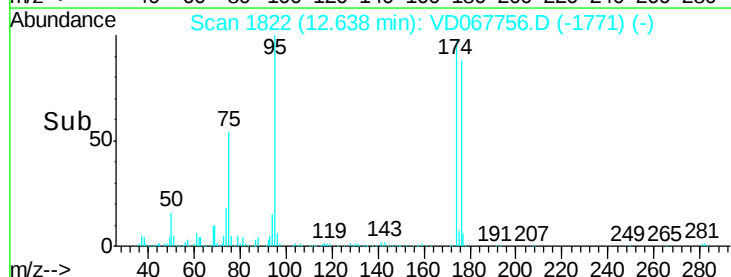
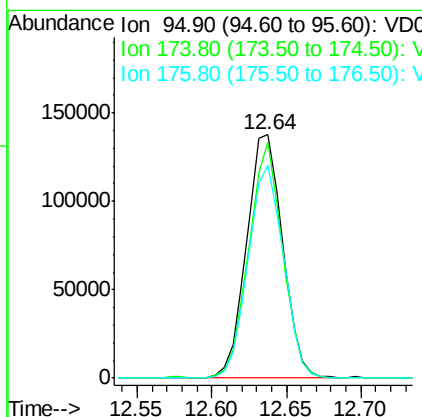
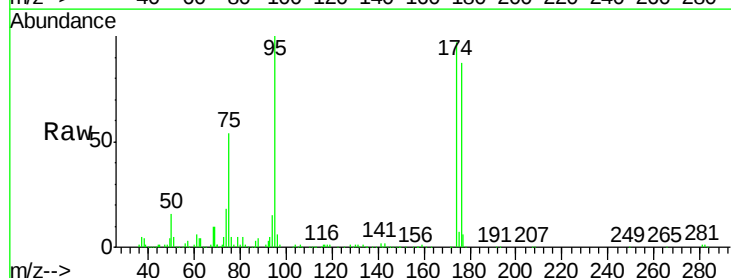
Instrument :
MSVOA_D
ClientSampleId :
72-11933

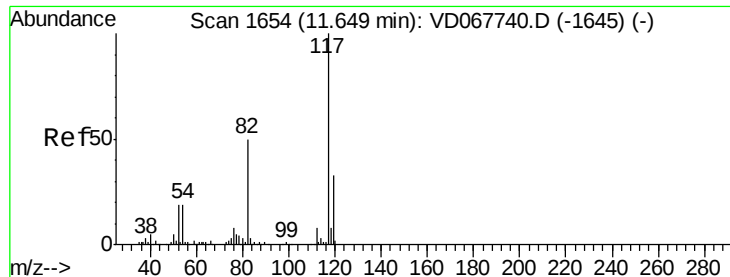
Tot Ion: 98 Resp: 496543
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 70.245 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD067756.D
Acq: 23 Nov 2020 20:00

Tgt Ion: 95 Resp: 228630
Ion Ratio Lower Upper
95 100
174 91.3 0.0 182.4
176 86.2 0.0 178.2

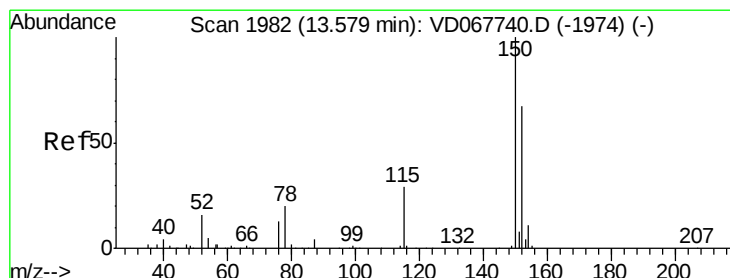
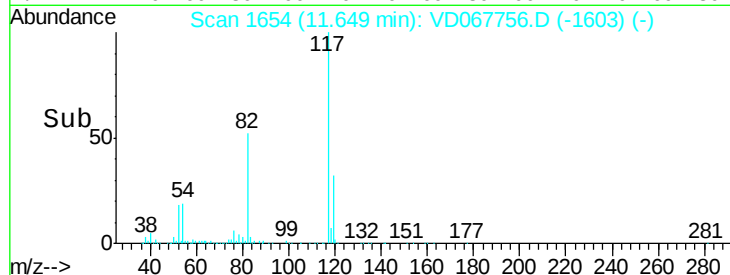
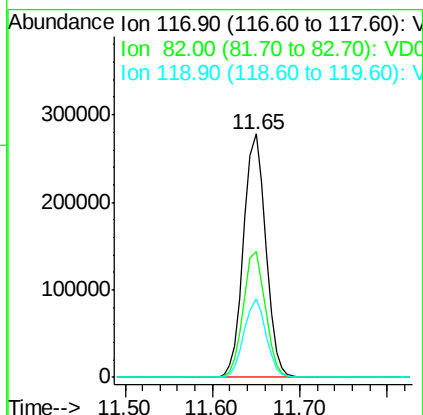
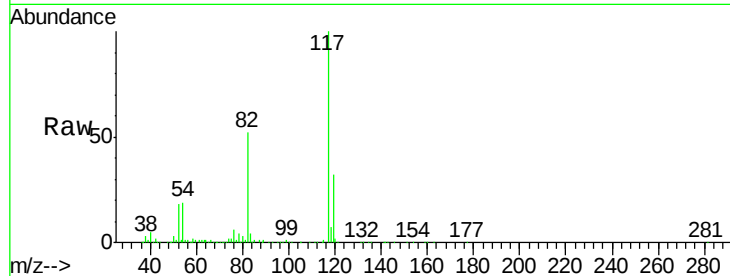




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067756.D
Acq: 23 Nov 2020 20:00

Instrument :
MSVOA_D
ClientSampleId :
72-11933

Tot Ion:117 Resp: 474497
Ion Ratio Lower Upper
117 100
82 51.9 40.2 60.4
119 32.1 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: VD067756.D
Acq: 23 Nov 2020 20:00

Tgt Ion:152 Resp: 260844
Ion Ratio Lower Upper
152 100
115 59.9 29.4 88.3
150 160.1 0.0 340.6

