

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100920\
 Data File : VD067221.D
 Acq On : 09 Oct 2020 19:35
 Operator : VA/SY
 Sample : L4318-01
 Misc : 5.06G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 214

Quant Time: Oct 10 01:06:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	535542	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	870217	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	812176	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	376270	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	240492	46.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.24%	
35) Dibromofluoromethane	7.92	113	273356	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
50) Toluene-d8	10.34	98	1019432	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
62) 4-Bromofluorobenzene	12.64	95	343347	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	

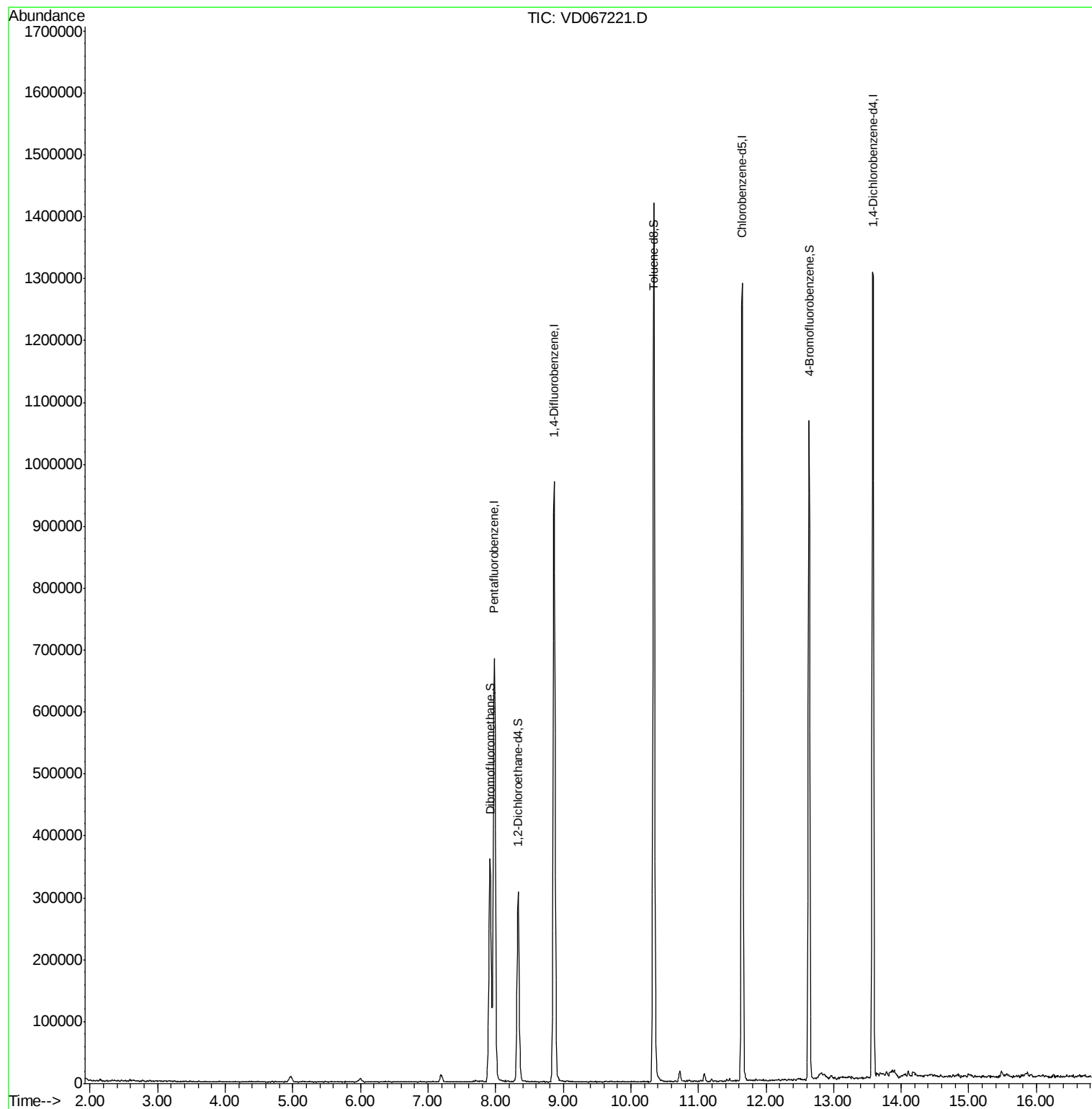
Target Compounds	Qvalue

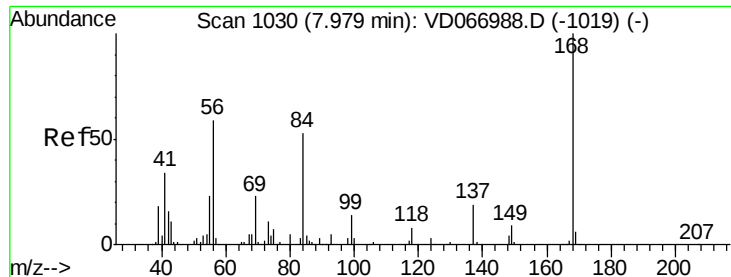
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD067221.D

Acq: 09 Oct 2020 19:35

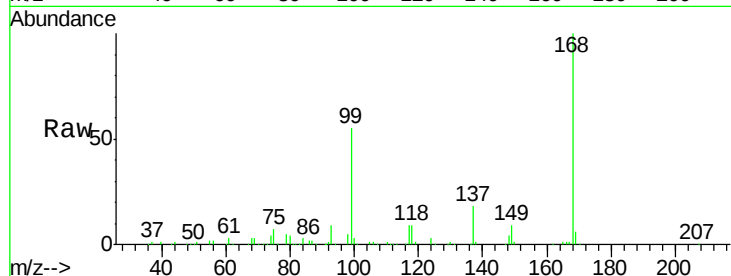
Instrument :
MSVOA_D
ClientSampleId :
214

Tot Ion:168 Resp: 535542

Ion Ratio Lower Upper

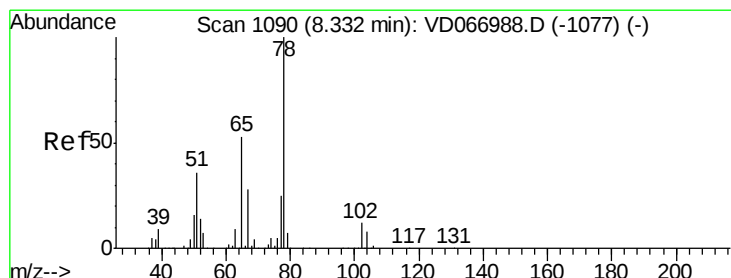
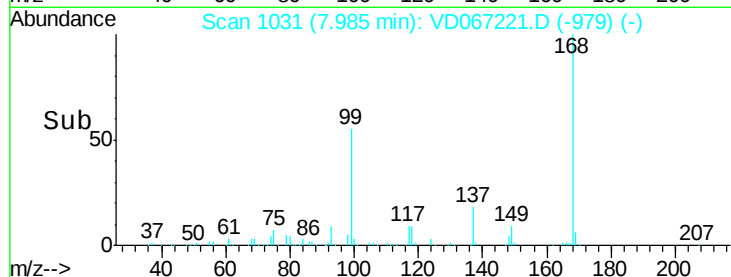
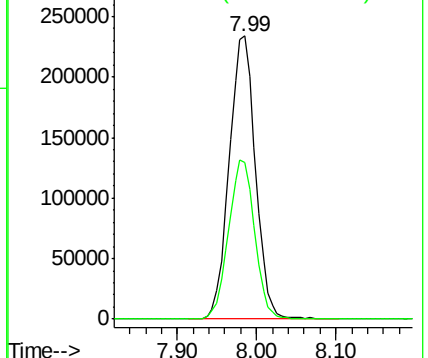
168 100

99 55.3 44.1 66.1



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: 46.622 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067221.D

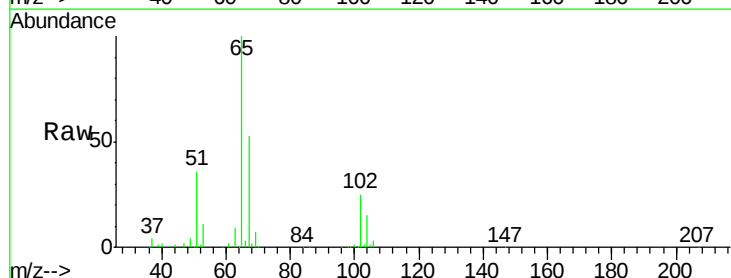
Acq: 09 Oct 2020 19:35

Tgt Ion: 65 Resp: 240492

Ion Ratio Lower Upper

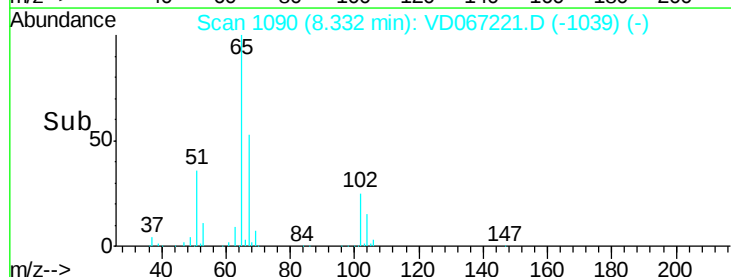
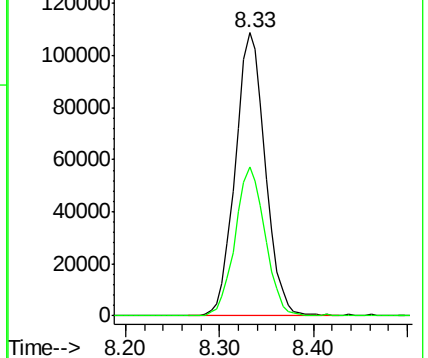
65 100

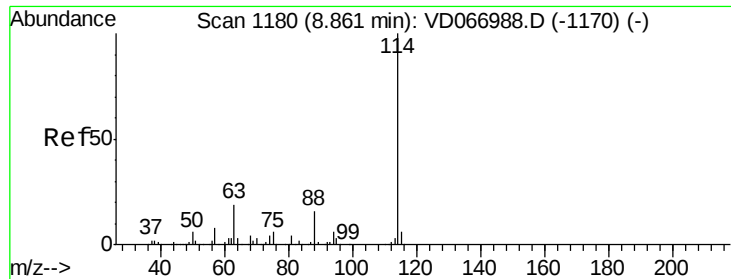
67 52.5 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

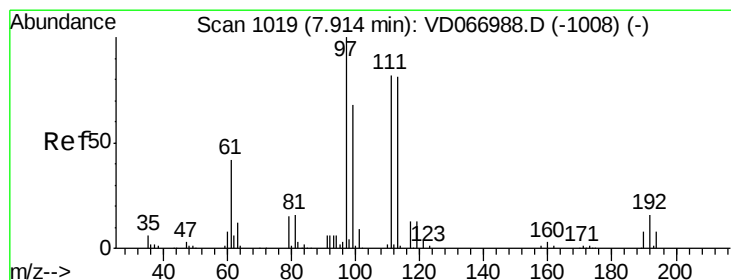
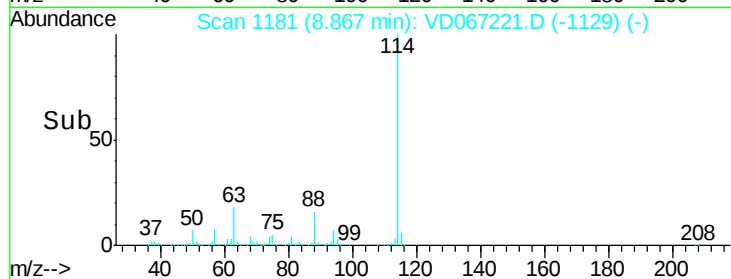
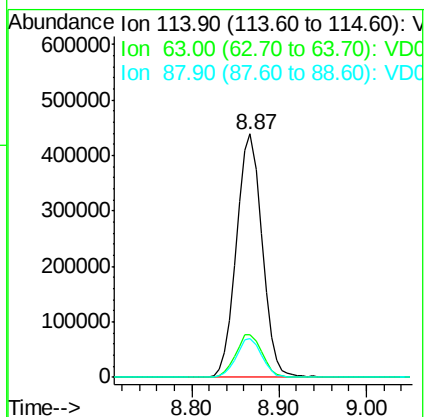
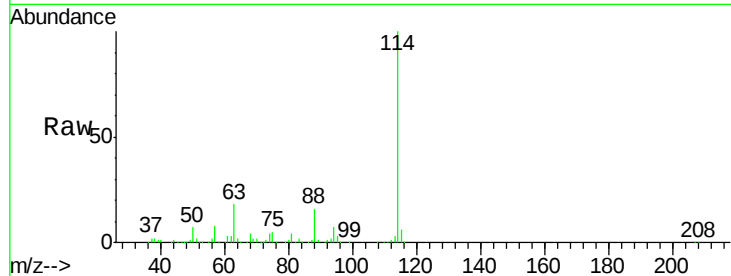




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.01 min
Lab File: VD067221.D
Acq: 09 Oct 2020 19:35

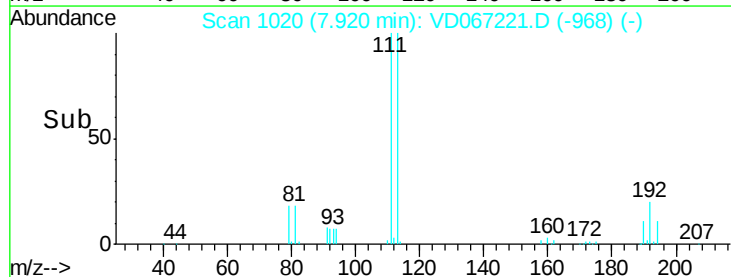
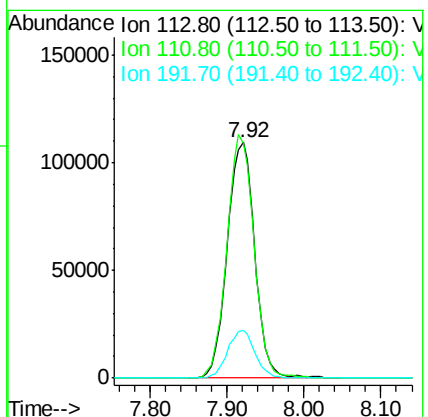
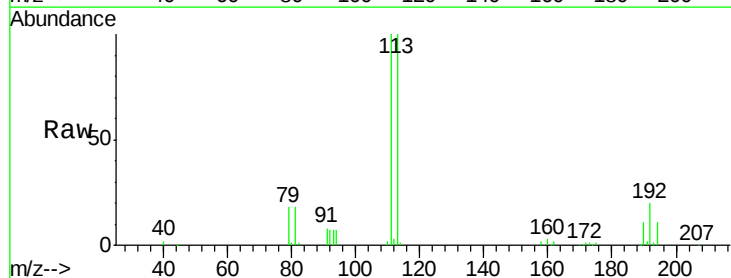
Instrument :
MSVOA_D
ClientSampled :
214

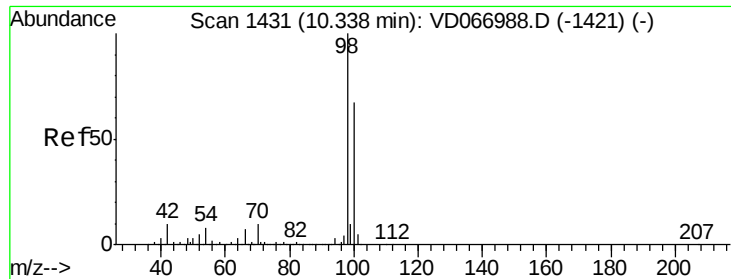
Tot Ion:114 Resp: 870217
Ion Ratio Lower Upper
114 100
63 17.8 0.0 38.4
88 15.9 0.0 31.2



#35
Dibromofluoromethane
Concen: 47.981 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067221.D
Acq: 09 Oct 2020 19:35

Tgt Ion:113 Resp: 273356
Ion Ratio Lower Upper
113 100
111 101.6 83.0 124.4
192 20.0 15.5 23.3

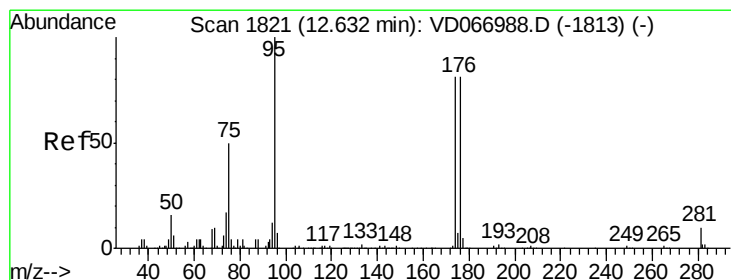
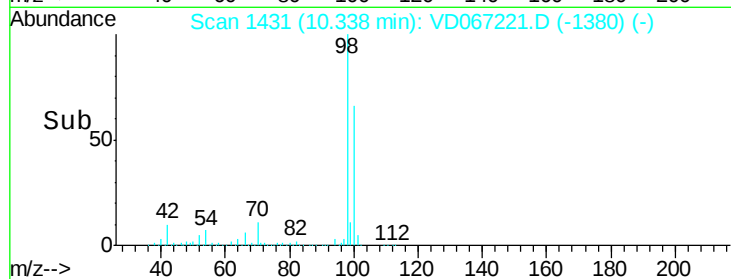
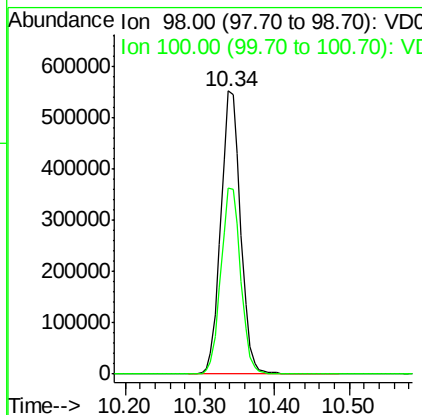
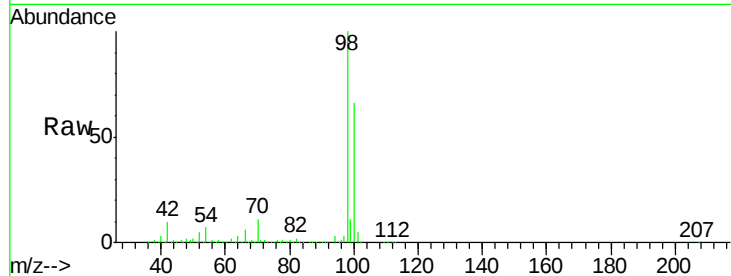




#50
Toluene-d8
Concen: 49.106 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067221.D
Acq: 09 Oct 2020 19:35

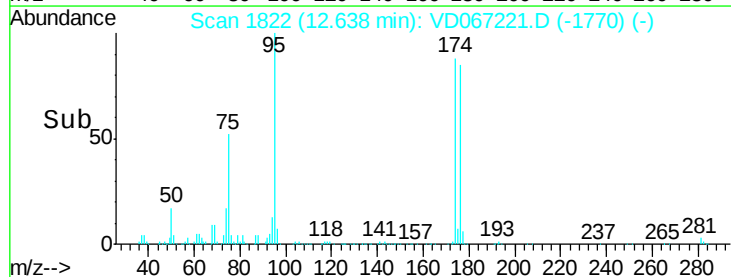
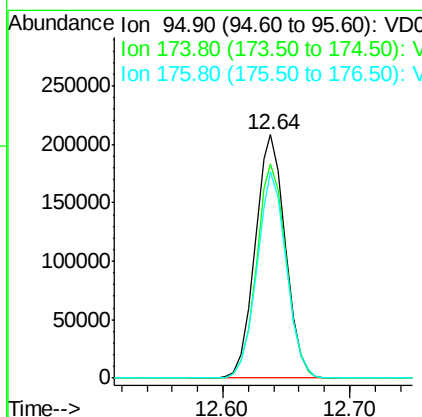
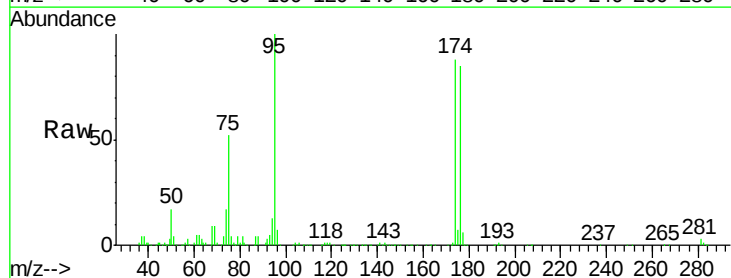
Instrument :
MSVOA_D
ClientSampleId :
214

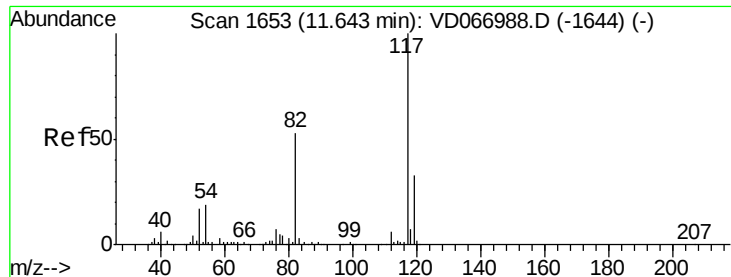
Tot Ion: 98 Resp: 1019432
Ion Ratio Lower Upper
98 100
100 65.9 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 48.719 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD067221.D
Acq: 09 Oct 2020 19:35

Tgt Ion: 95 Resp: 343347
Ion Ratio Lower Upper
95 100
174 87.0 0.0 167.6
176 82.8 0.0 162.4

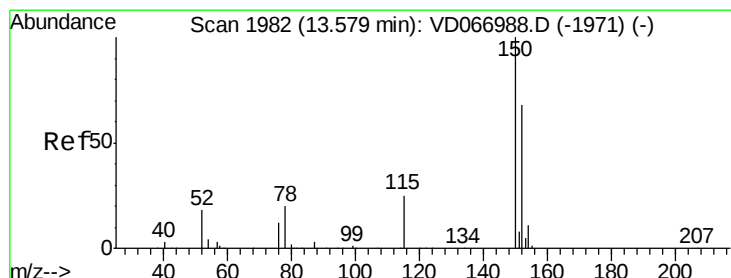
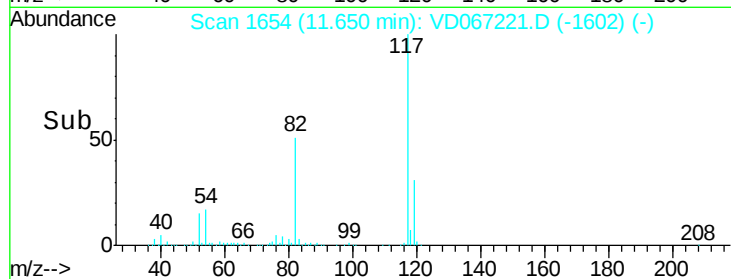
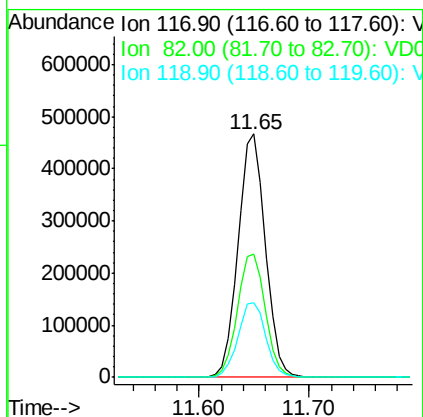
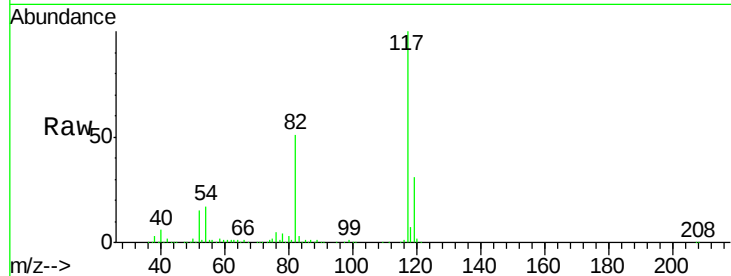




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD067221.D
Acq: 09 Oct 2020 19:35

Instrument :
MSVOA_D
ClientSampleId :
214

Tot Ion:117 Resp: 812176
Ion Ratio Lower Upper
117 100
82 50.8 42.6 63.8
119 30.8 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067221.D
Acq: 09 Oct 2020 19:35

Tgt Ion:152 Resp: 376270
Ion Ratio Lower Upper
152 100
115 58.9 29.6 88.8
150 156.8 0.0 344.8

