

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012021\
 Data File : VD068118.D
 Acq On : 20 Jan 2021 17:34
 Operator : VA/SY
 Sample : M1100-03
 Misc : 6.39G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOPSOIL-RBF-DARK

Quant Time: Jan 20 23:47:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.985	168	396994	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	682541	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	561582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	206669	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	194456	51.20	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.40%	
35) Dibromofluoromethane	7.920	113	191281	50.69	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.38%	
50) Toluene-d8	10.344	98	701129	46.45	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 92.90%	
62) 4-Bromofluorobenzene	12.632	95	220552	40.58	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 81.16%	

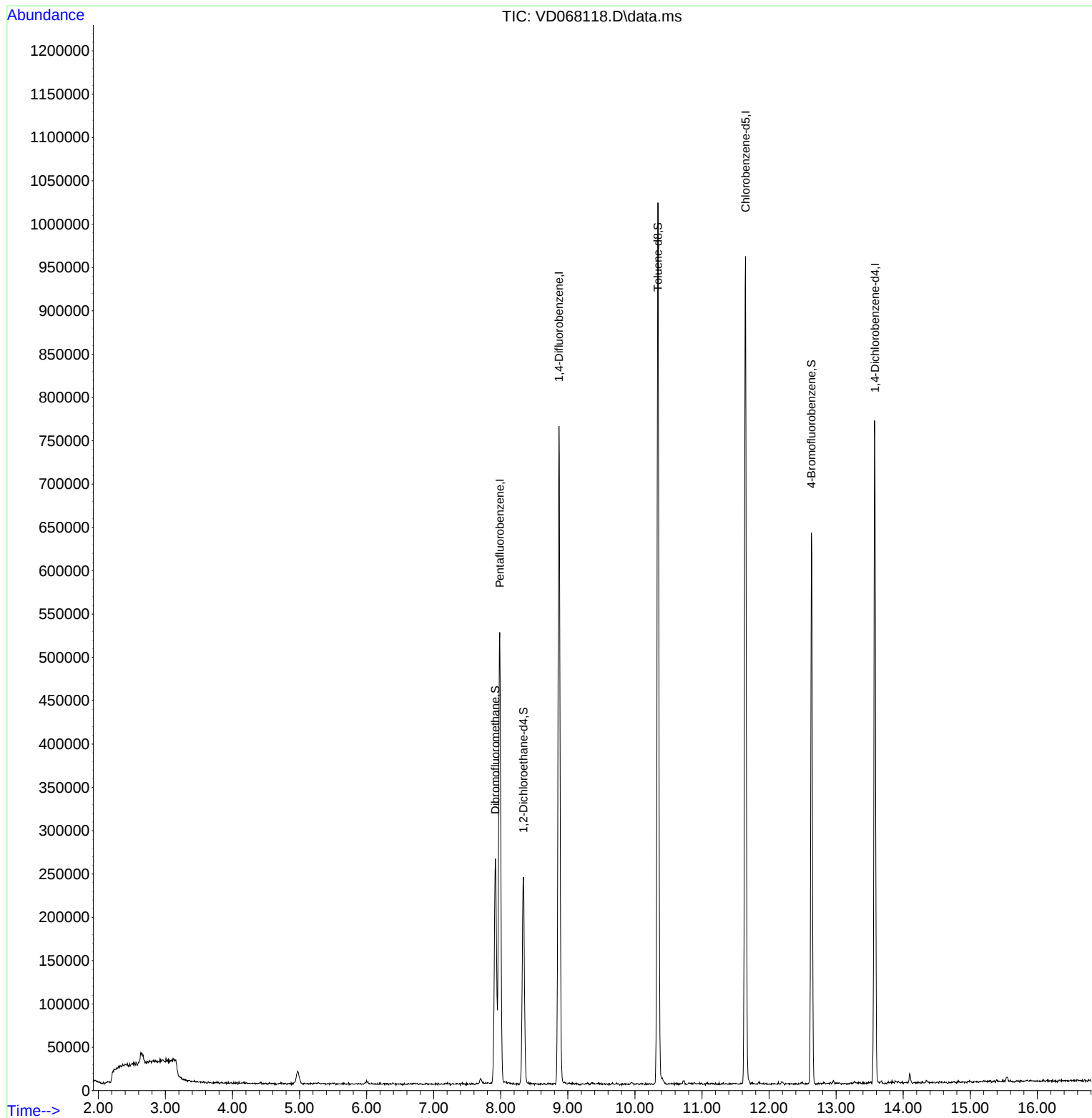
Target Compounds	Qvalue

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

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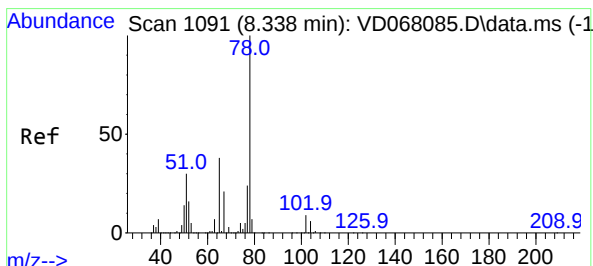
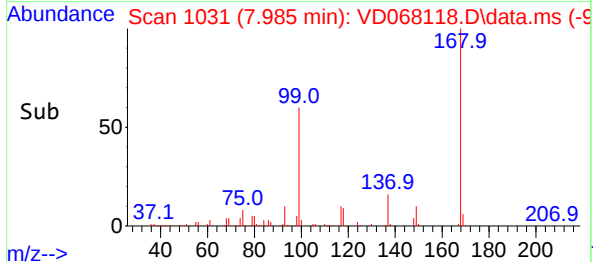
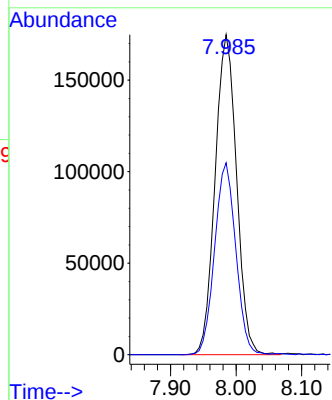
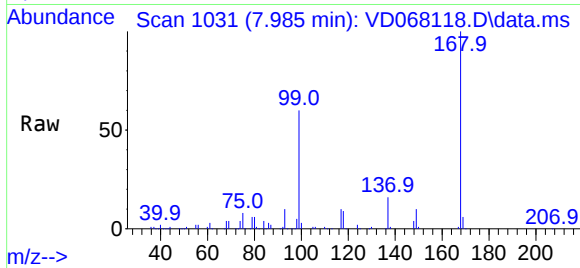




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068118.D
Acq: 20 Jan 2021 17:34

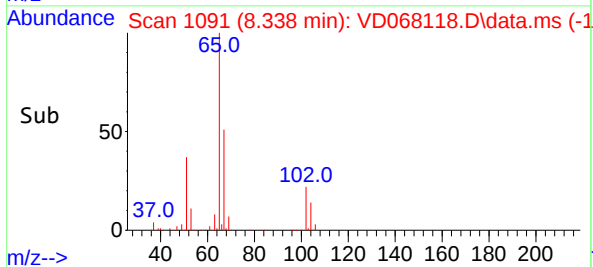
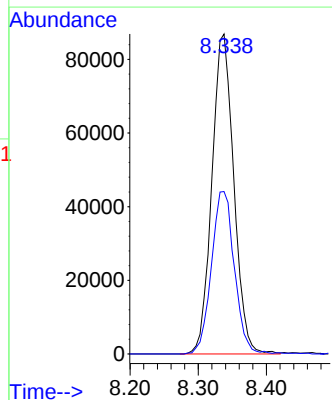
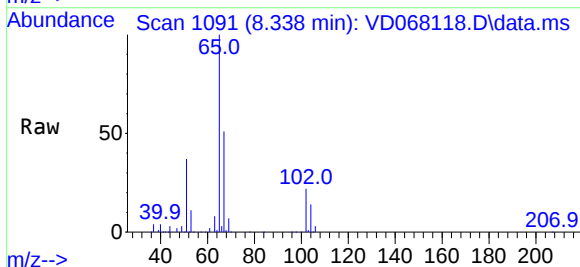
Instrument :
MSVOA_D
ClientSampleId :
TOPSOIL-RBF-DARK

Tgt Ion:168 Resp: 396994
Ion Ratio Lower Upper
168 100
99 59.9 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 51.20 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068118.D
Acq: 20 Jan 2021 17:34

Tgt Ion: 65 Resp: 194456
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.0



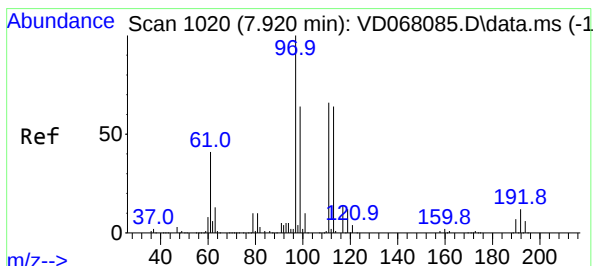
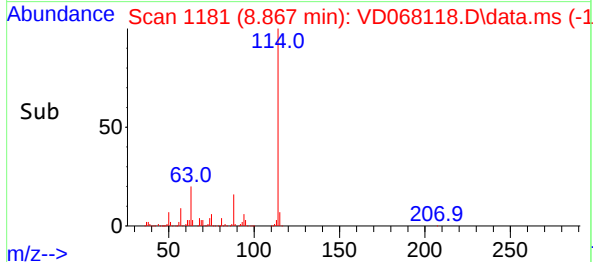
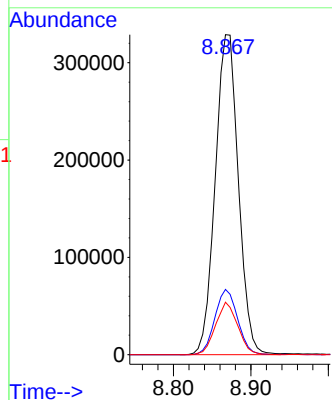
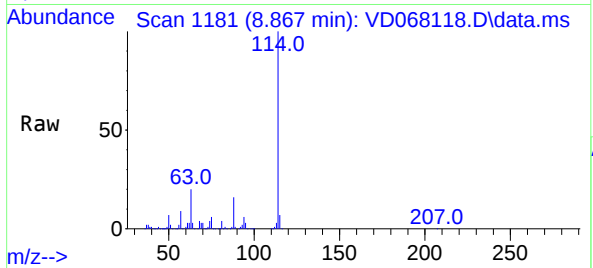


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068118.D
Acq: 20 Jan 2021 17:34

Instrument :
MSVOA_D
ClientSampleId :
TOPSOIL-RBF-DARK

Tgt Ion:114 Resp: 682541

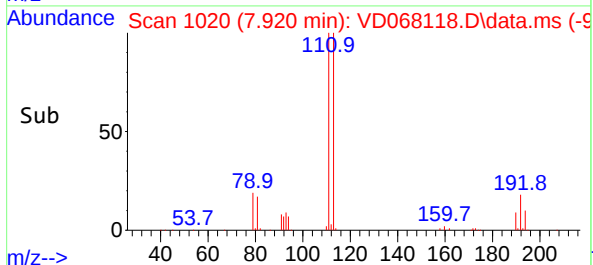
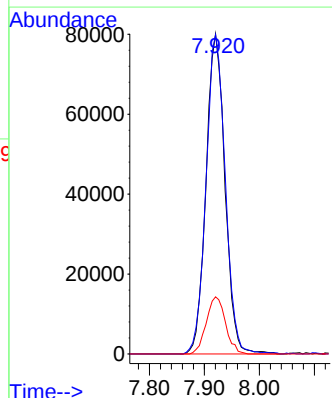
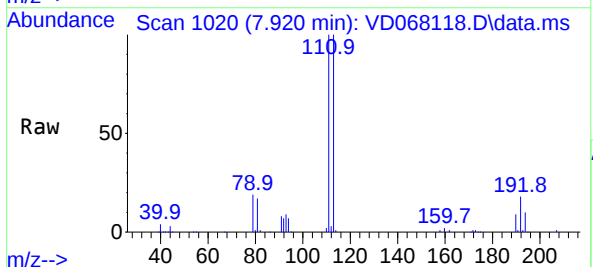
Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	34.8
88	16.4	0.0	31.6

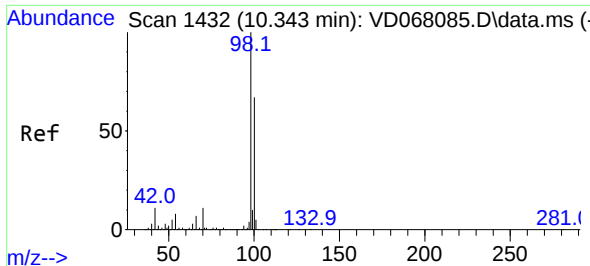


#35
Dibromofluoromethane
Concen: 50.69 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068118.D
Acq: 20 Jan 2021 17:34

Tgt Ion:113 Resp: 191281

Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.4	122.0
192	18.1	16.1	24.1

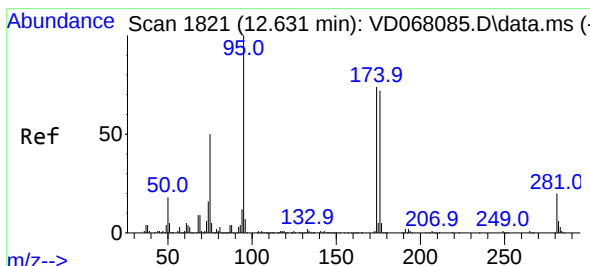
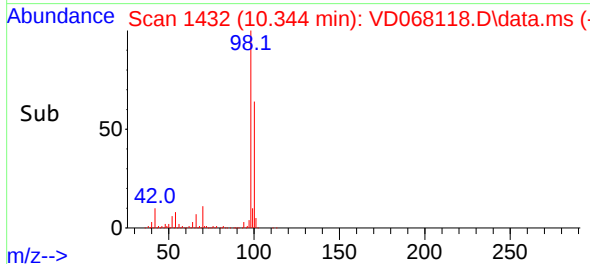
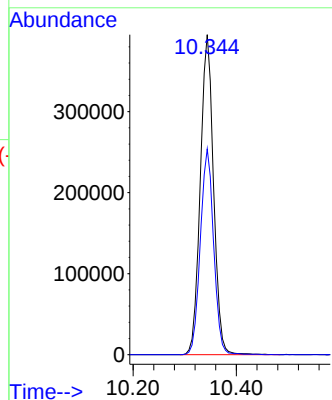
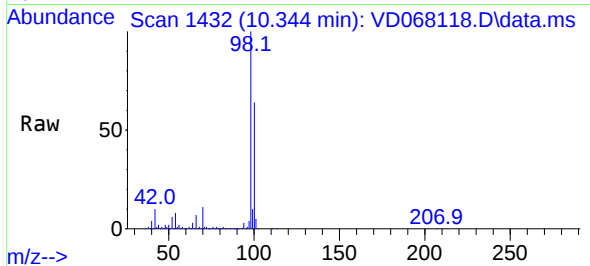




#50
Toluene-d8
Concen: 46.45 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068118.D
Acq: 20 Jan 2021 17:34

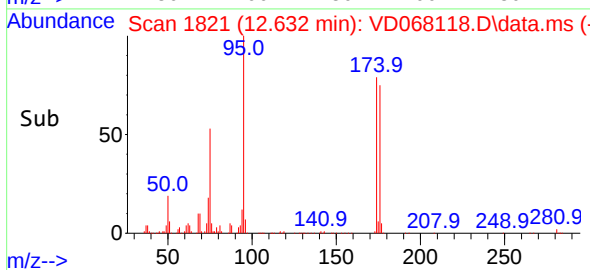
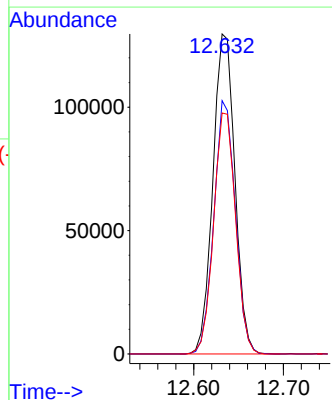
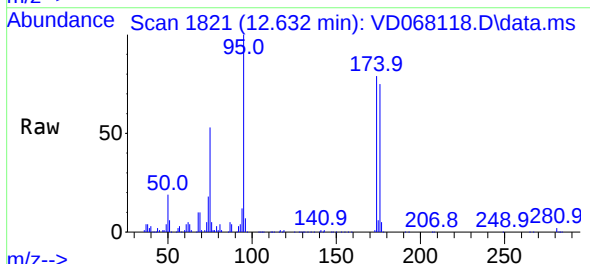
Instrument :
MSVOA_D
ClientSampleId :
TOPSOIL-RBF-DARK

Tgt Ion: 98 Resp: 701129
Ion Ratio Lower Upper
98 100
100 64.7 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 40.58 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068118.D
Acq: 20 Jan 2021 17:34

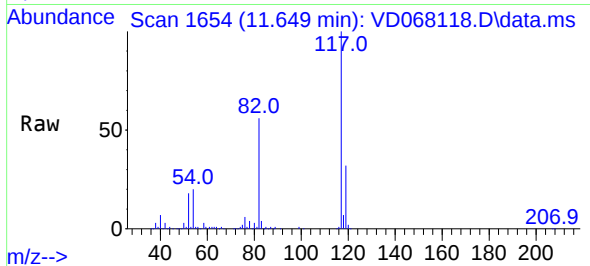
Tgt Ion: 95 Resp: 220552
Ion Ratio Lower Upper
95 100
174 77.4 0.0 172.4
176 75.4 0.0 168.4



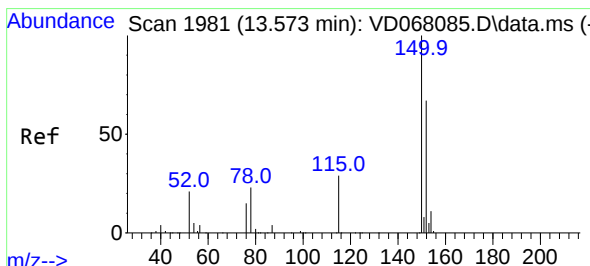
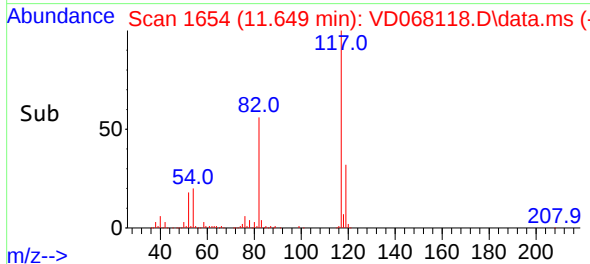
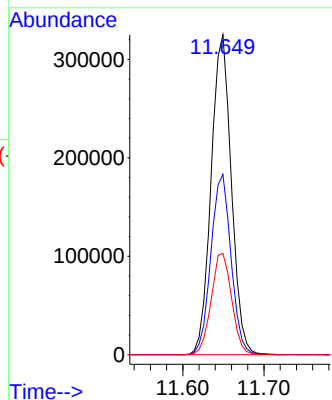


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068118.D
Acq: 20 Jan 2021 17:34

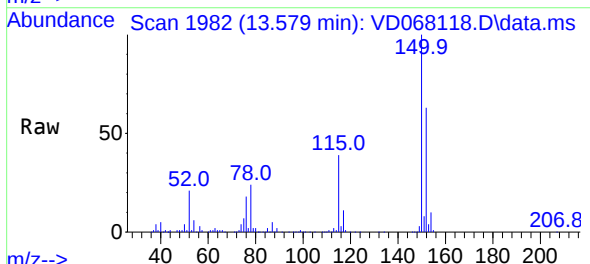
Instrument :
MSVOA_D
ClientSampleId :
TOPSOIL-RBF-DARK



Tgt Ion:117 Resp: 561582
Ion Ratio Lower Upper
117 100
82 56.4 41.4 62.0
119 31.7 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD068118.D
Acq: 20 Jan 2021 17:34



Tgt Ion:152 Resp: 206669
Ion Ratio Lower Upper
152 100
115 60.0 28.9 86.8
150 158.8 0.0 344.4

