

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072321\
 Data File : VD069837.D
 Acq On : 23 Jul 2021 19:10
 Operator : VA/SY
 Sample : M3119-01
 Misc : 6.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOP-SOIL-GRILLIO-1

Quant Time: Jul 24 01:36:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	735524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1461149	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1322005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	456118	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	516454	61.052	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.100%
35) Dibromofluoromethane	7.908	113	480363	52.151	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.300%
50) Toluene-d8	10.338	98	1842508	51.876	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.760%
62) 4-Bromofluorobenzene	12.626	95	553742	46.650	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.300%

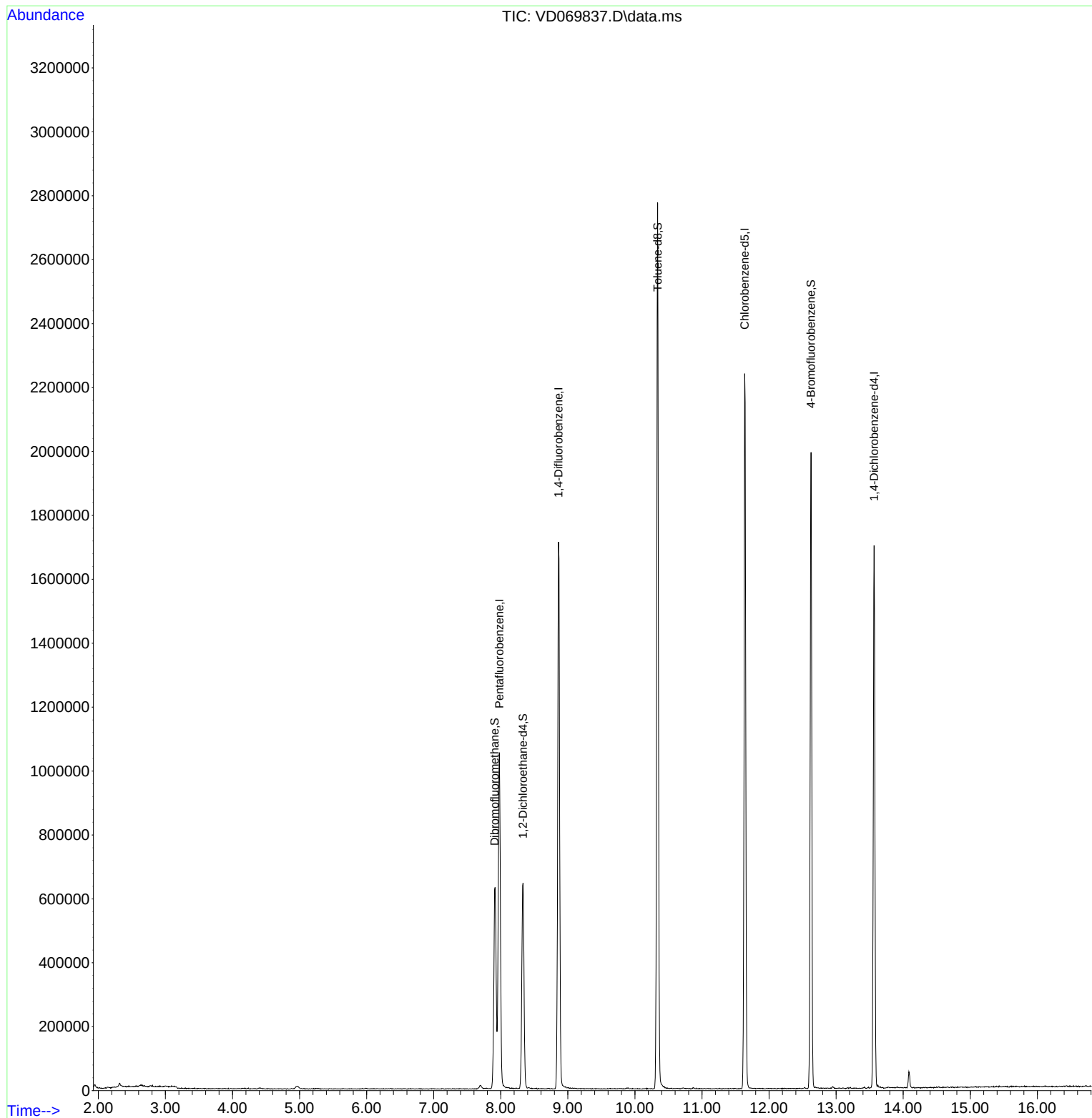
Target Compounds	Qvalue

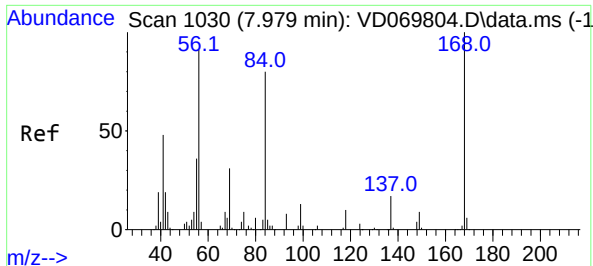
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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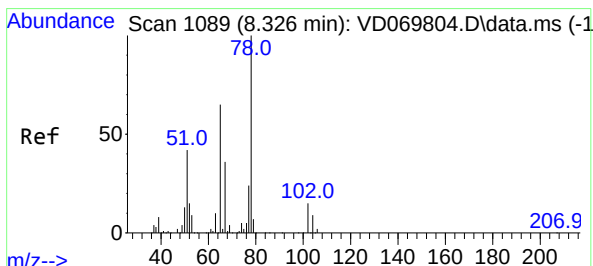
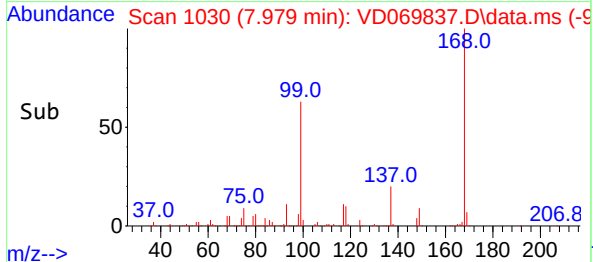
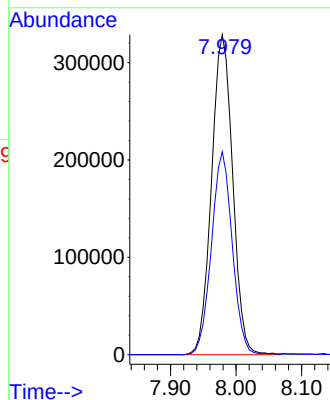
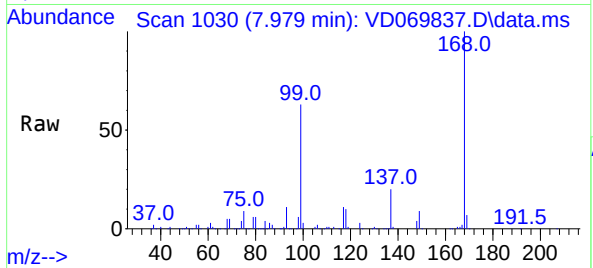




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069837.D
Acq: 23 Jul 2021 19:10

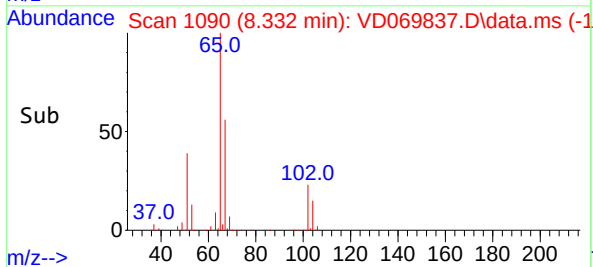
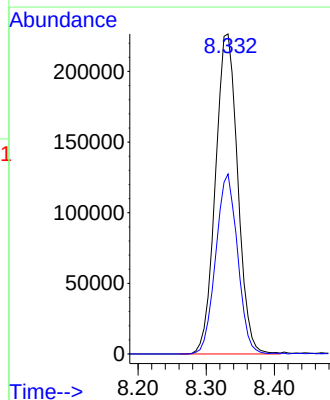
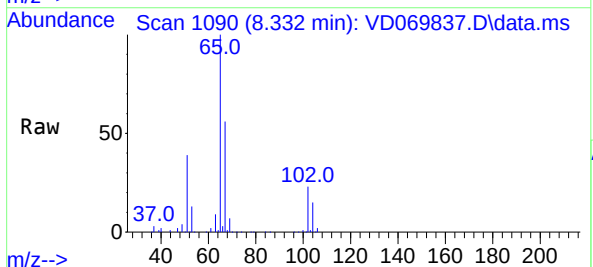
Instrument :
MSVOA_D
ClientSampleId :
TOP-SOIL-GRILLIO-1

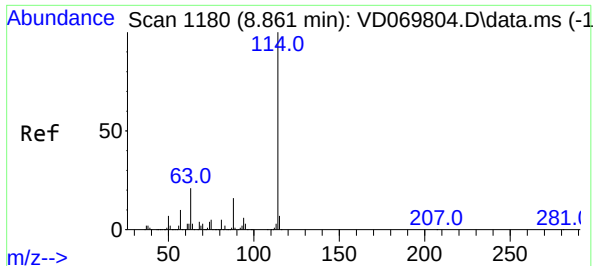
Tgt Ion:168 Resp: 735524
Ion Ratio Lower Upper
168 100
99 63.4 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 61.052 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069837.D
Acq: 23 Jul 2021 19:10

Tgt Ion: 65 Resp: 516454
Ion Ratio Lower Upper
65 100
67 55.0 0.0 111.2



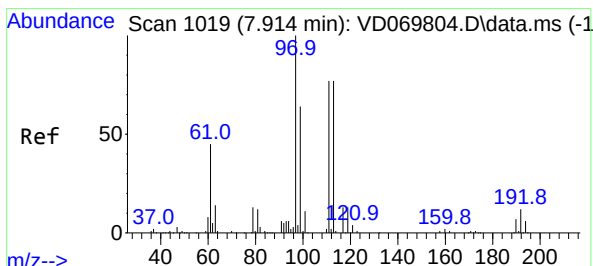
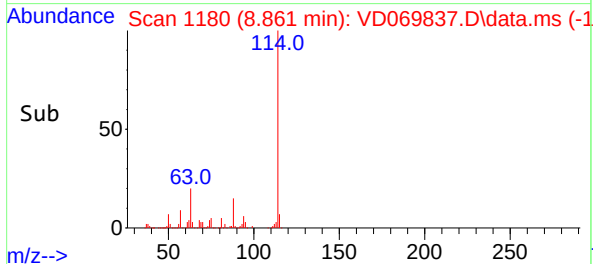
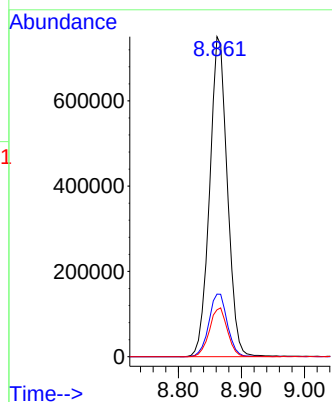
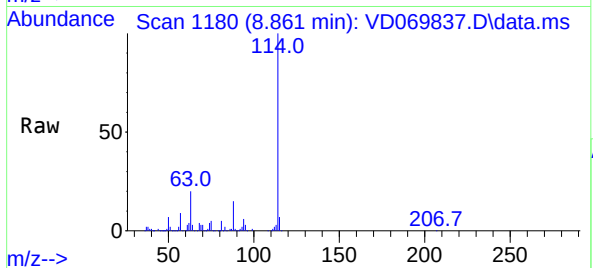


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069837.D
Acq: 23 Jul 2021 19:10

Instrument :
MSVOA_D
ClientSampleId :
TOP-SOIL-GRILLIO-1

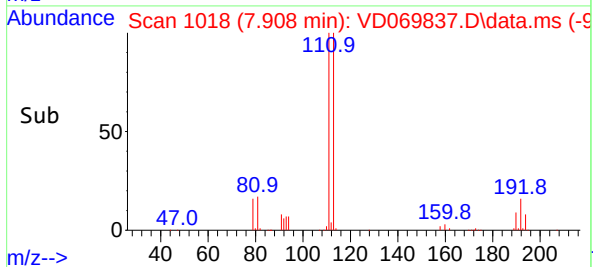
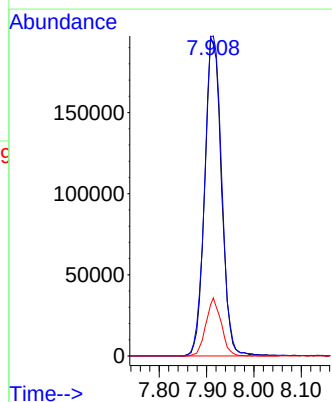
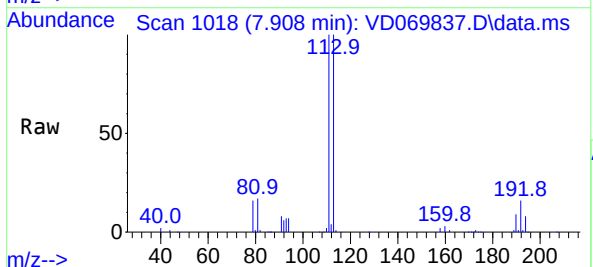
Tgt Ion:114 Resp: 1461149
Ion Ratio Lower Upper
114 100
63 19.6 0.0 41.6
88 14.7 0.0 31.4

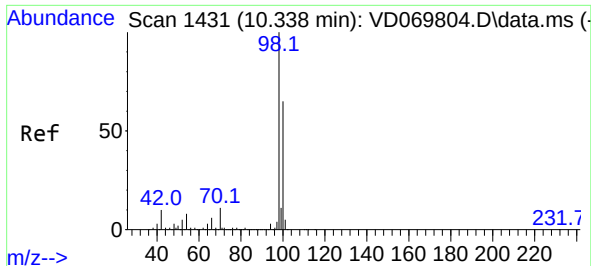


#35

Dibromofluoromethane
Concen: 52.151 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD069837.D
Acq: 23 Jul 2021 19:10

Tgt Ion:113 Resp: 480363
Ion Ratio Lower Upper
113 100
111 103.1 80.5 120.7
192 16.7 12.6 19.0

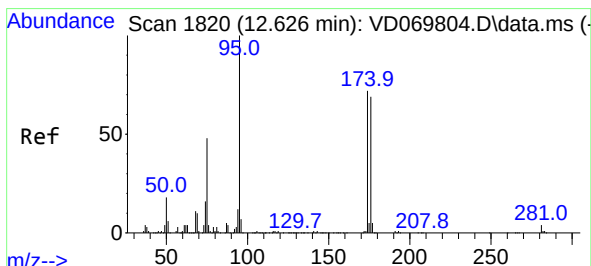
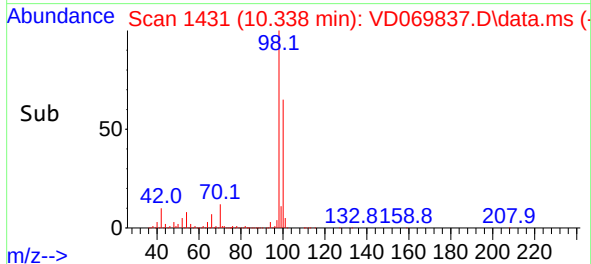
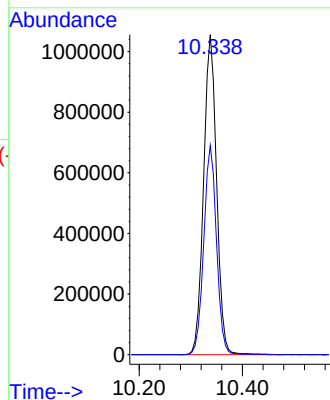
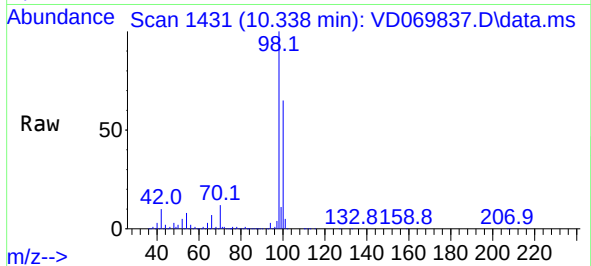




#50
Toluene-d8
Concen: 51.876 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069837.D
Acq: 23 Jul 2021 19:10

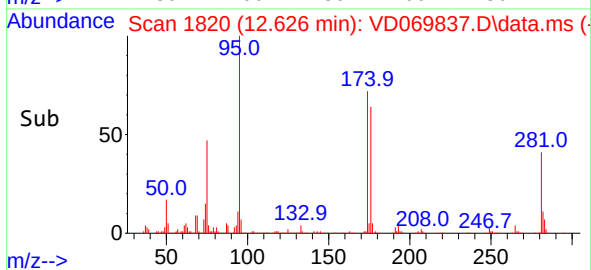
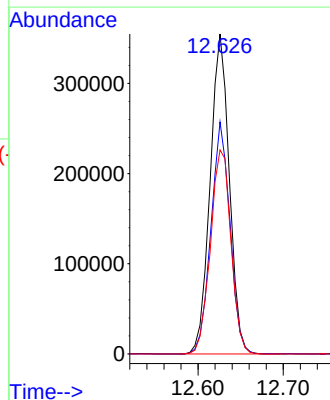
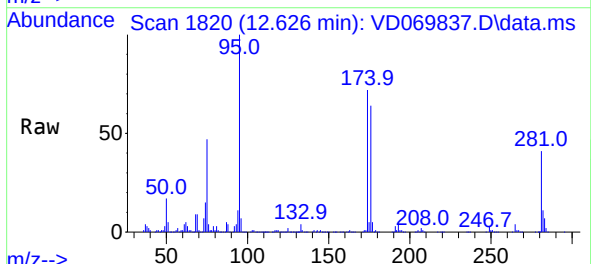
Instrument :
MSVOA_D
ClientSampleId :
TOP-SOIL-GRILLIO-1

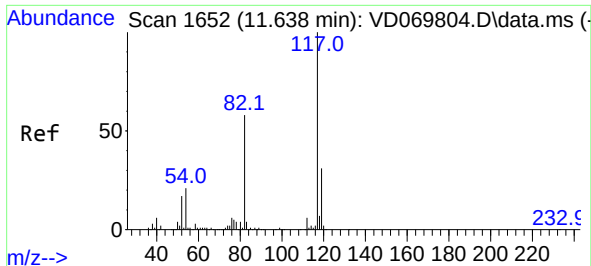
Tgt Ion: 98 Resp: 1842508
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.650 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069837.D
Acq: 23 Jul 2021 19:10

Tgt Ion: 95 Resp: 553742
Ion Ratio Lower Upper
95 100
174 72.3 0.0 142.6
176 68.0 0.0 134.2

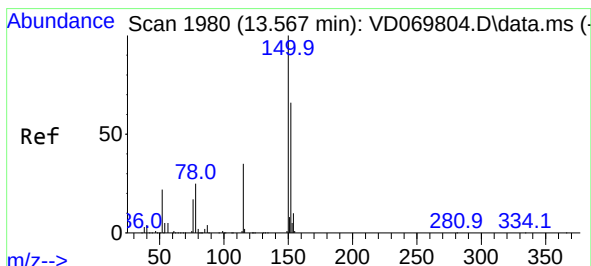
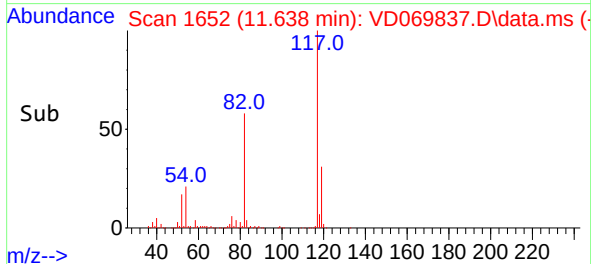
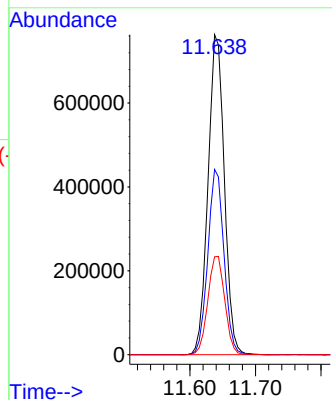
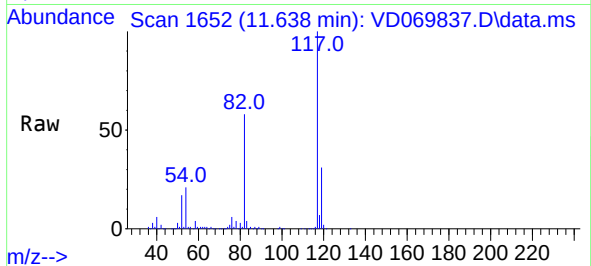




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069837.D
Acq: 23 Jul 2021 19:10

Instrument :
MSVOA_D
ClientSampleId :
TOP-SOIL-GRILLIO-1

Tgt Ion:117 Resp: 1322005
Ion Ratio Lower Upper
117 100
82 57.9 46.3 69.5
119 30.6 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069837.D
Acq: 23 Jul 2021 19:10

Tgt Ion:152 Resp: 456118
Ion Ratio Lower Upper
152 100
115 61.5 31.1 93.3
150 158.3 0.0 343.0

