

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102221\
 Data File : VD070823.D
 Acq On : 22 Oct 2021 14:19
 Operator : VA/SY
 Sample : M4306-01
 Misc : 5.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-PIT-SOIL

Quant Time: Oct 23 04:11:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	26800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	47782	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	50718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	20976	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	31352	98.769	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	197.540%#
35) Dibromofluoromethane	7.908	113	17089	55.855	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.720%
50) Toluene-d8	10.338	98	59590	50.809	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.620%
62) 4-Bromofluorobenzene	12.626	95	21675	53.673	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.340%

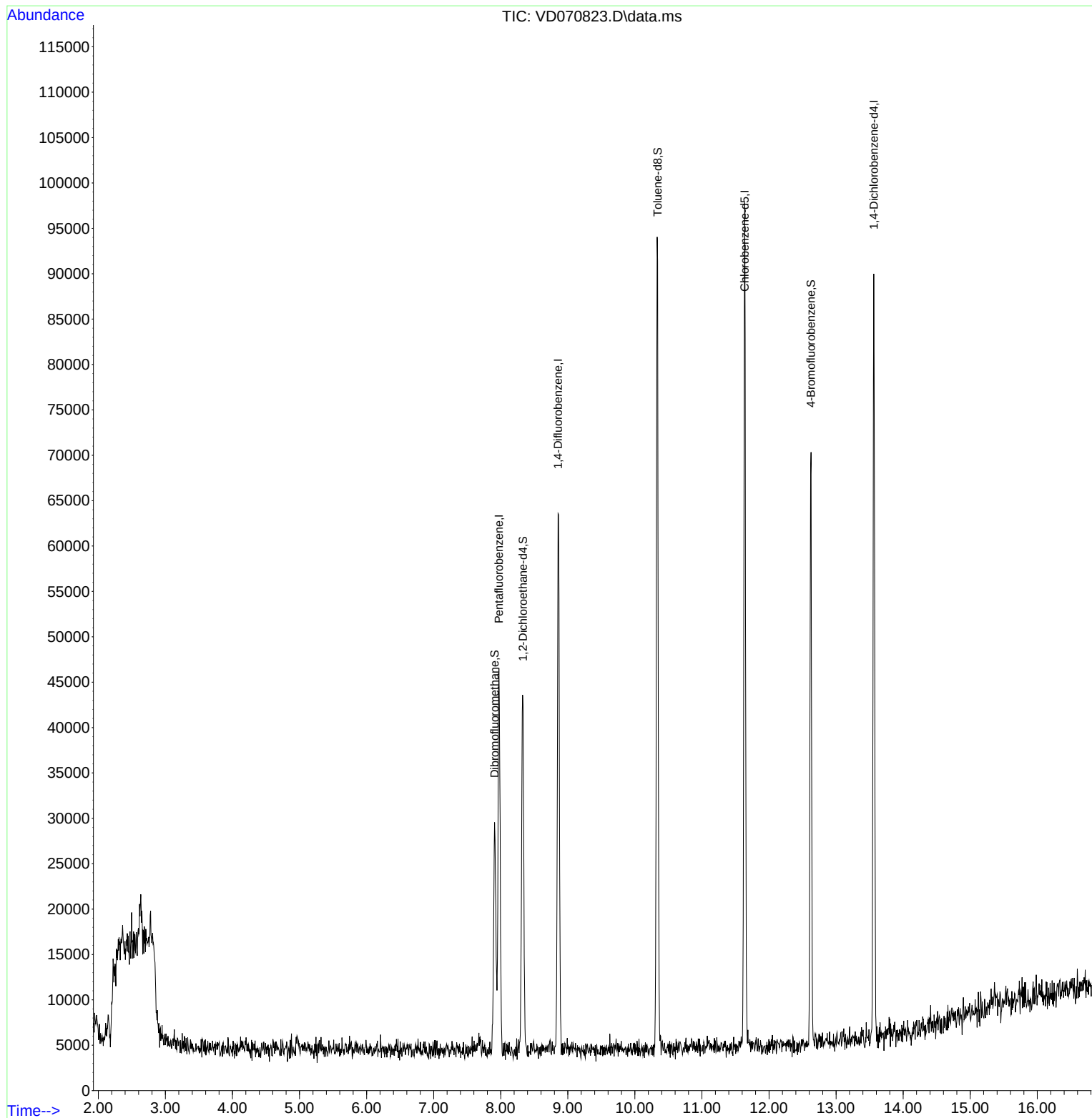
Target Compounds	Qvalue

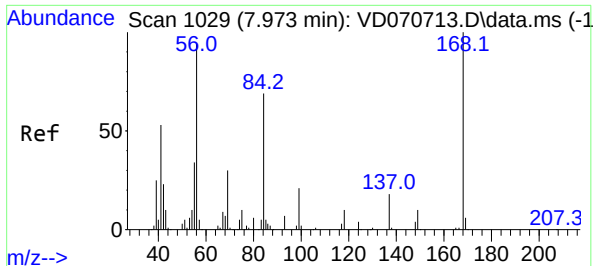
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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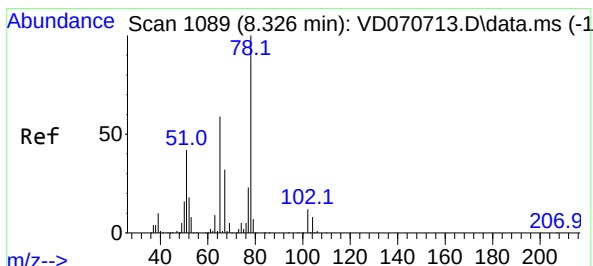
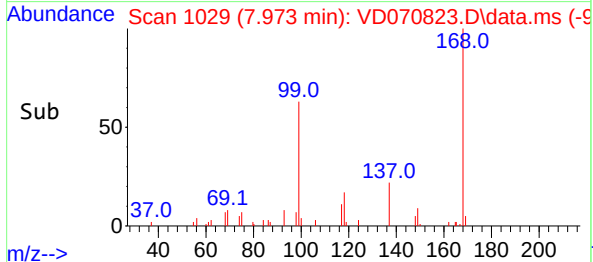
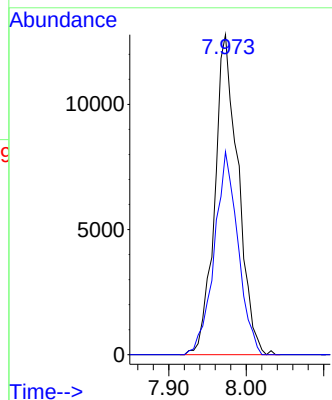
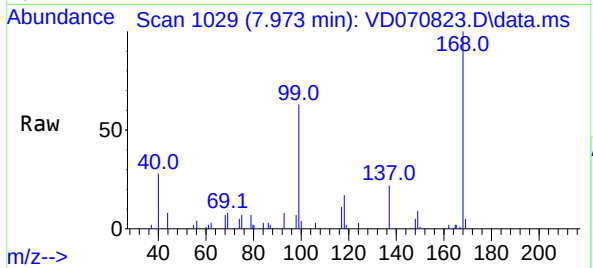




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD070823.D
Acq: 22 Oct 2021 14:19

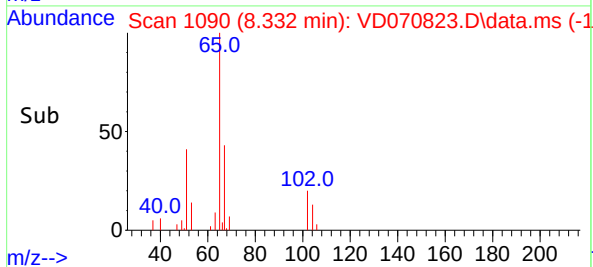
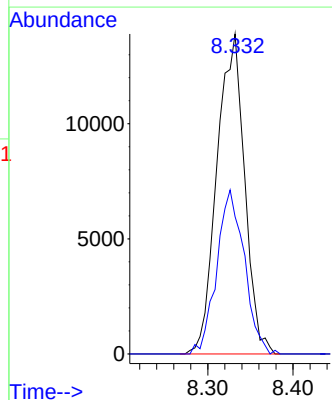
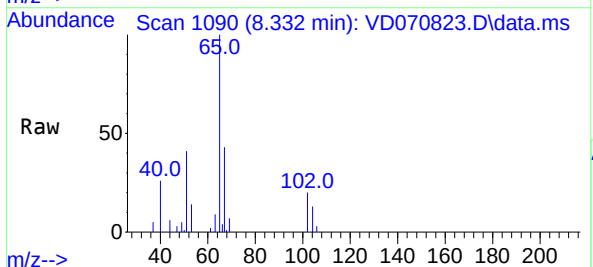
Instrument :
MSVOA_D
ClientSampleId :
MH-PIT-SOIL

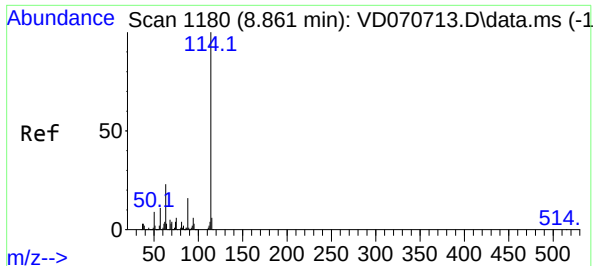
Tgt Ion:168 Resp: 26800
Ion Ratio Lower Upper
168 100
99 63.4 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 98.769 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070823.D
Acq: 22 Oct 2021 14:19

Tgt Ion: 65 Resp: 31352
Ion Ratio Lower Upper
65 100
67 51.2 0.0 110.2



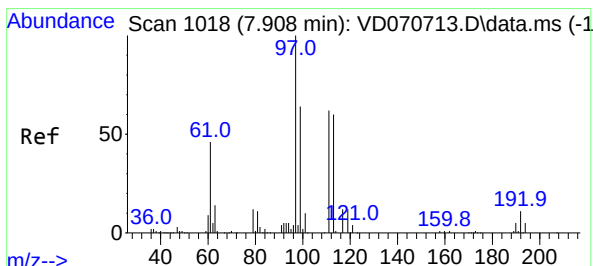
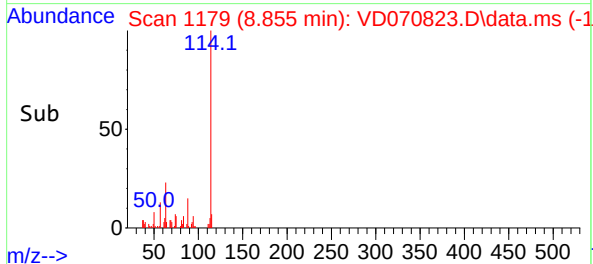
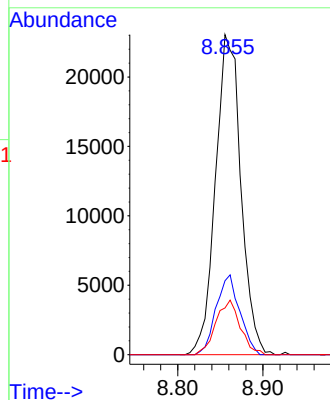
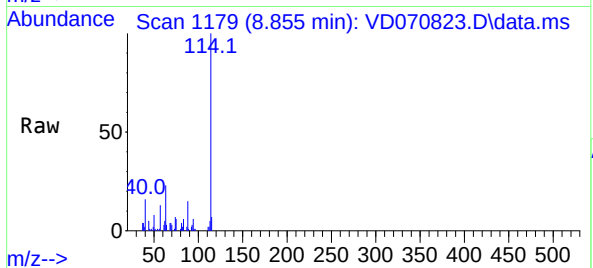


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD070823.D
Acq: 22 Oct 2021 14:19

Instrument :
MSVOA_D
ClientSampleId :
MH-PIT-SOIL

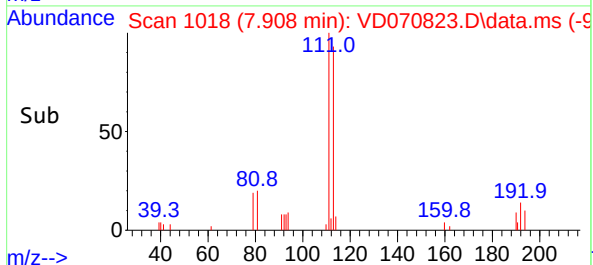
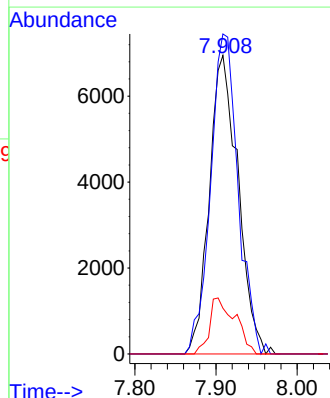
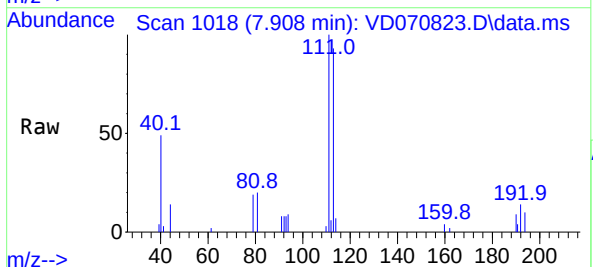
Tgt Ion:	114	Resp:	47782
Ion Ratio	Lower	Upper	
114	100		
63	23.1	0.0	41.8
88	14.6	0.0	32.6

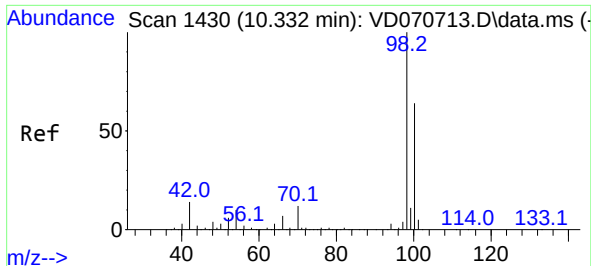


#35

Dibromofluoromethane
Concen: 55.855 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD070823.D
Acq: 22 Oct 2021 14:19

Tgt Ion:	113	Resp:	17089
Ion Ratio	Lower	Upper	
113	100		
111	102.8	83.1	124.7
192	16.8	12.7	19.1

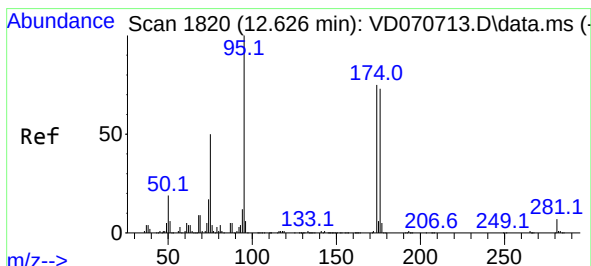
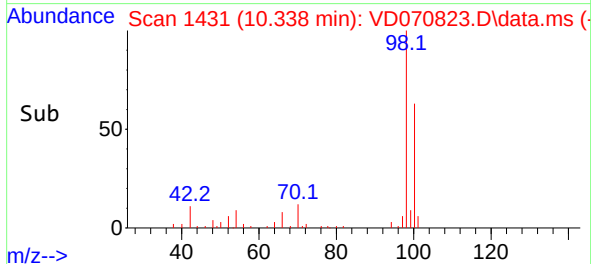
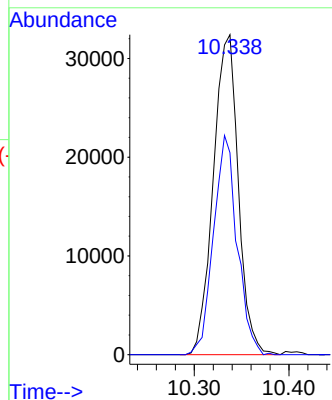
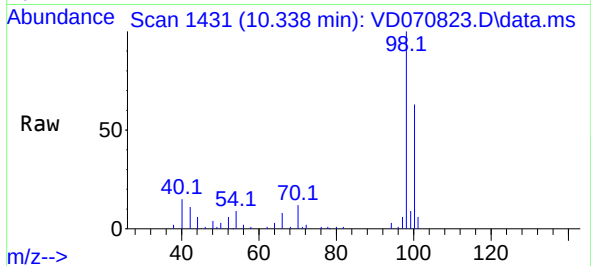




#50
Toluene-d8
Concen: 50.809 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070823.D
Acq: 22 Oct 2021 14:19

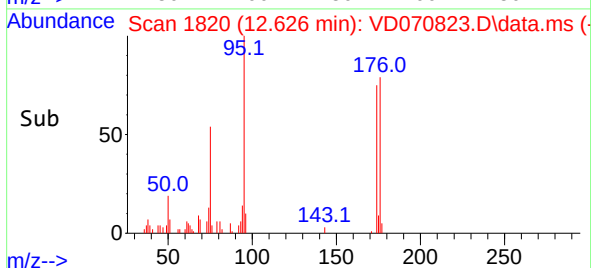
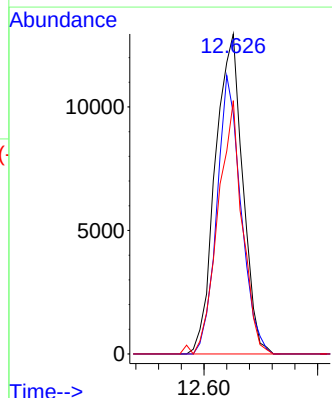
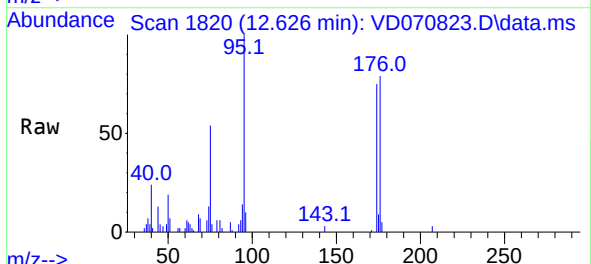
Instrument :
MSVOA_D
ClientSampleId :
MH-PIT-SOIL

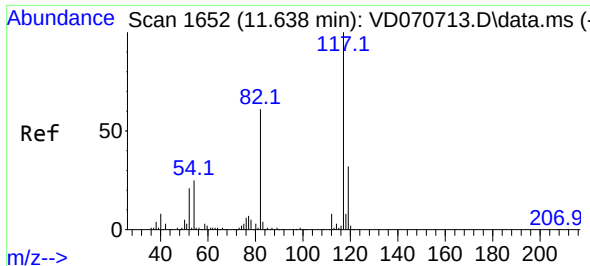
Tgt Ion: 98 Resp: 59590
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 53.673 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070823.D
Acq: 22 Oct 2021 14:19

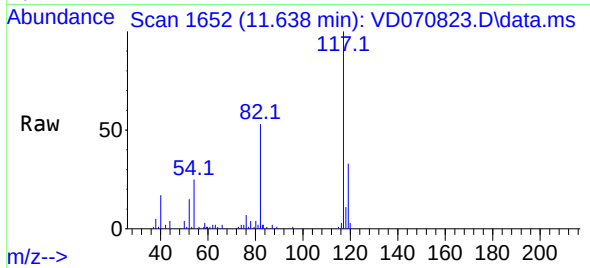
Tgt Ion: 95 Resp: 21675
Ion Ratio Lower Upper
95 100
174 76.8 0.0 138.0
176 70.8 0.0 135.6



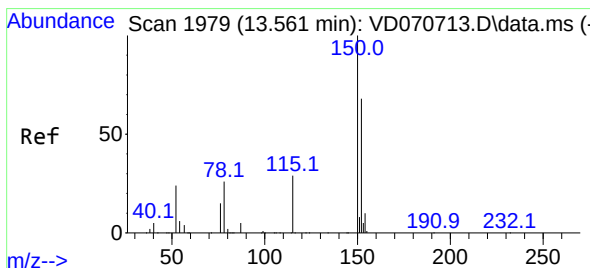
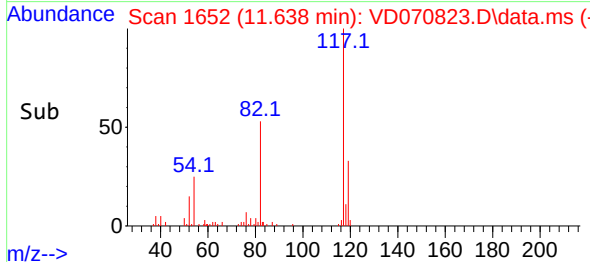
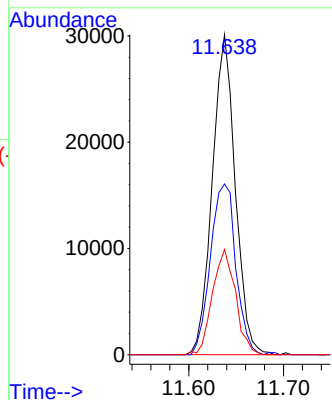


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070823.D
Acq: 22 Oct 2021 14:19

Instrument :
MSVOA_D
ClientSampleId :
MH-PIT-SOIL



Tgt Ion:	117	Resp:	50718
Ion Ratio	Lower	Upper	
117	100		
82	53.3	45.4	68.2
119	32.9	24.7	37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070823.D
Acq: 22 Oct 2021 14:19

Tgt Ion:	152	Resp:	20976
Ion Ratio	Lower	Upper	
152	100		
115	65.5	31.9	95.7
150	158.9	0.0	350.0

