

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012022\
 Data File : VD071762.D
 Acq On : 20 Jan 2022 14:34
 Operator : VA/SY
 Sample : N1189-29RE
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MTR-SOIL-15RE

Quant Time: Jan 21 03:16:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	25144	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	46469	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	48981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	21837	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	32088	99.180	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 198.360%#	
35) Dibromofluoromethane	7.914	113	20314	66.147	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 132.300%	
50) Toluene-d8	10.338	98	59446	51.711	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.420%	
62) 4-Bromofluorobenzene	12.620	95	20553	50.738	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.480%	

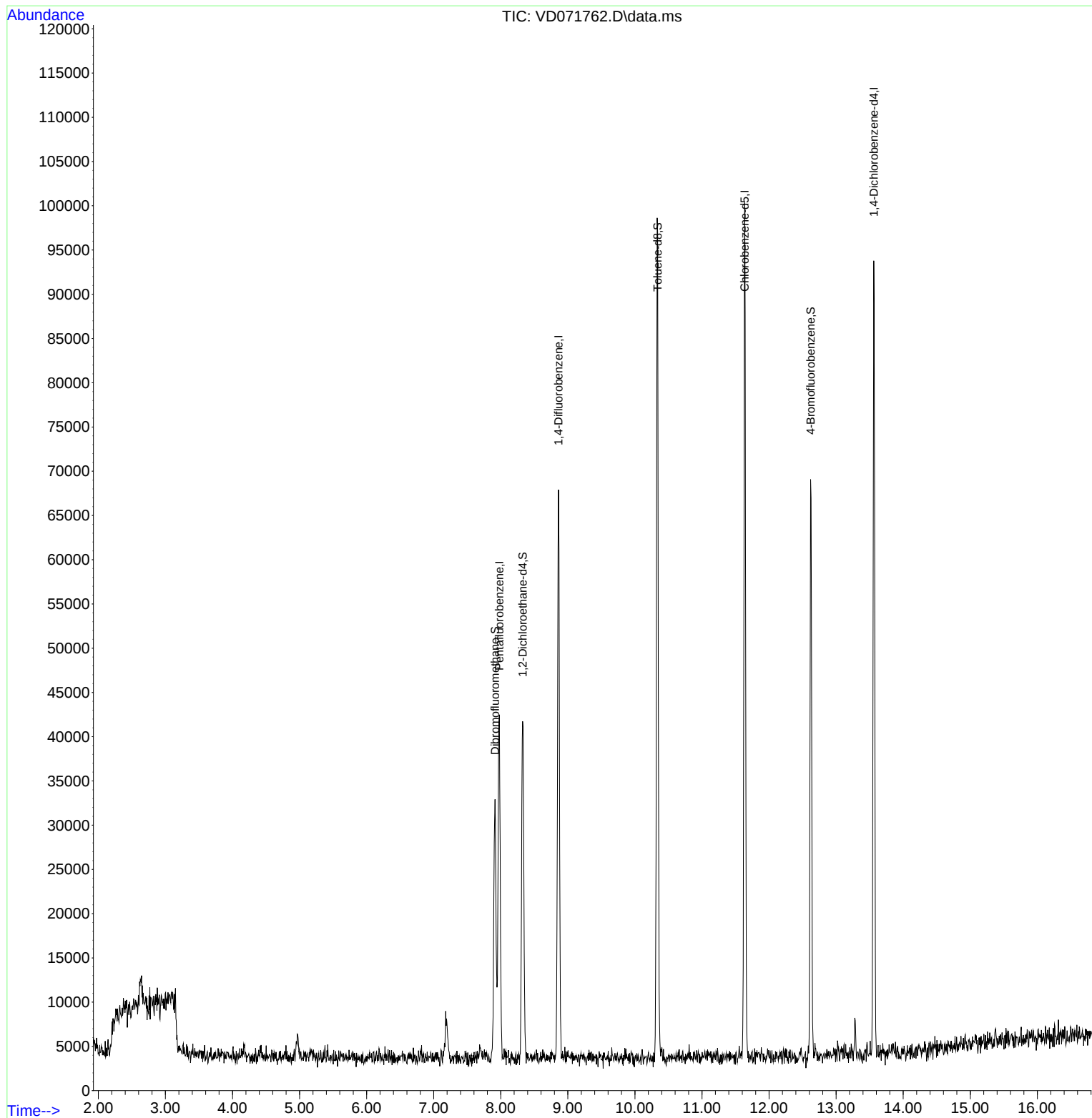
Target Compounds	Qvalue

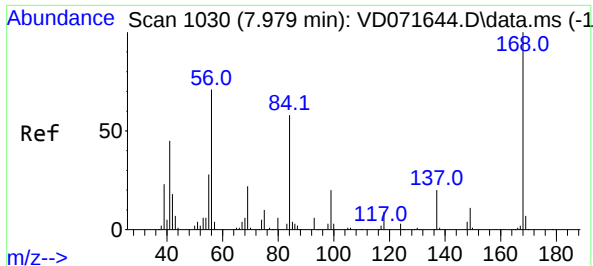
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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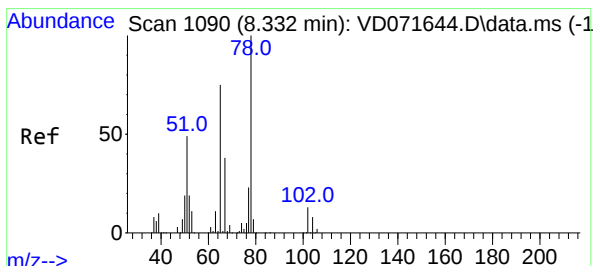
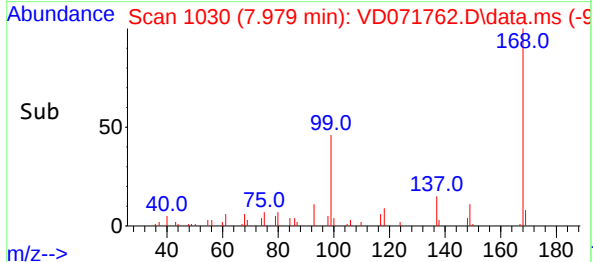
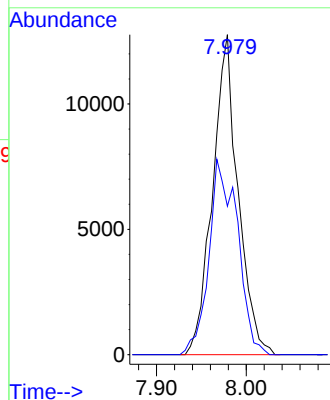
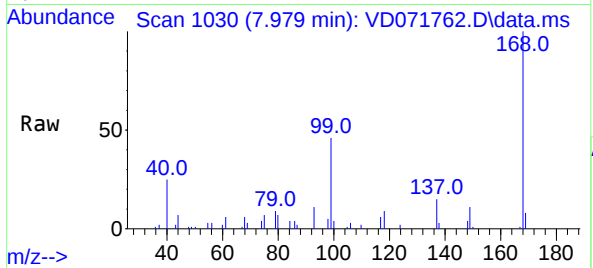




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071762.D
Acq: 20 Jan 2022 14:34

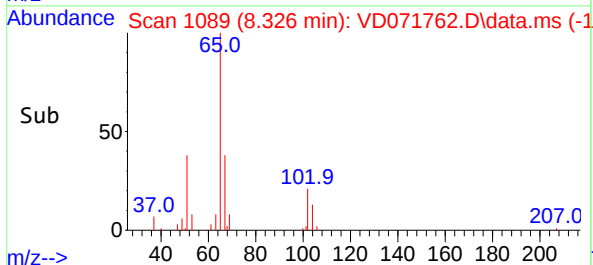
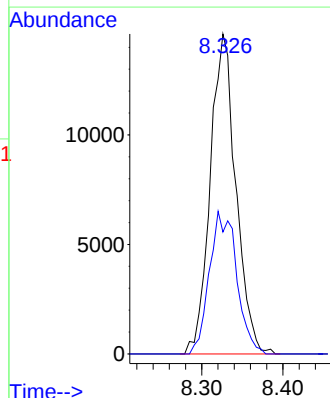
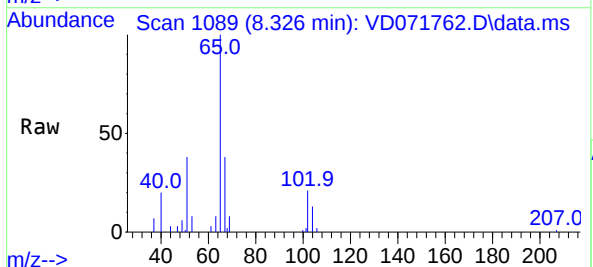
Instrument :
MSVOA_D
ClientSampleId :
MTR-SOIL-15RE

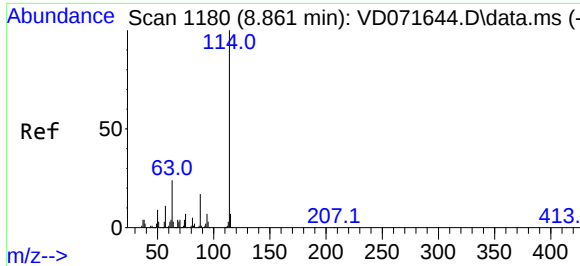
Tgt Ion:168 Resp: 25144
Ion Ratio Lower Upper
168 100
99 46.4 51.8 77.6#



#33
1,2-Dichloroethane-d4
Concen: 99.180 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD071762.D
Acq: 20 Jan 2022 14:34

Tgt Ion: 65 Resp: 32088
Ion Ratio Lower Upper
65 100
67 47.2 0.0 101.2

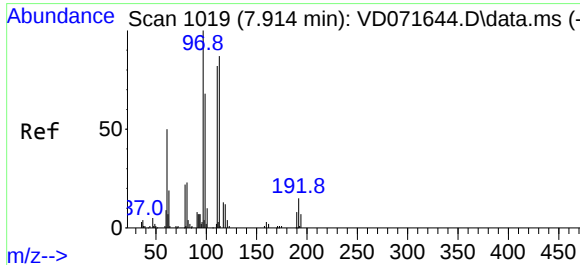
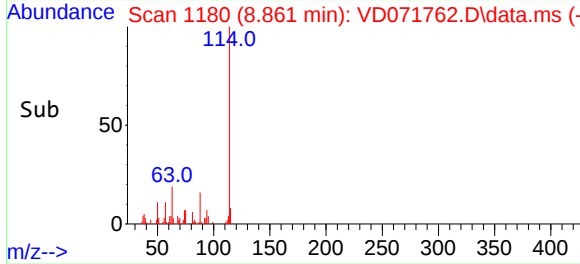
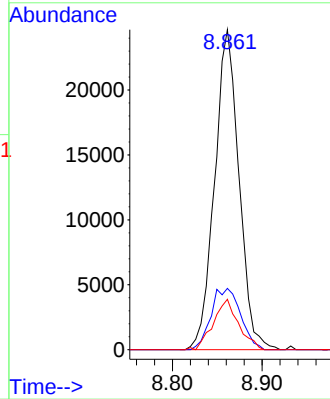
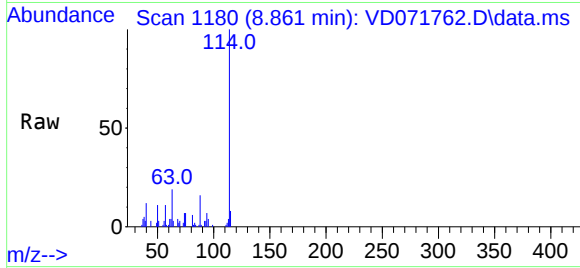




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.861 min Scan# 1180
 Delta R.T. -0.006 min
 Lab File: VD071762.D
 Acq: 20 Jan 2022 14:34

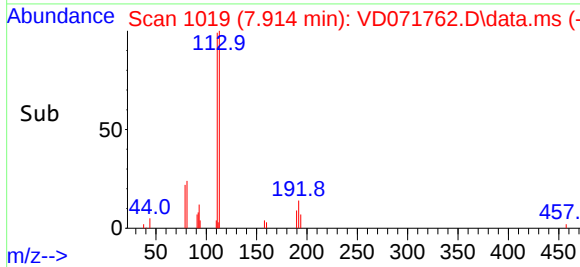
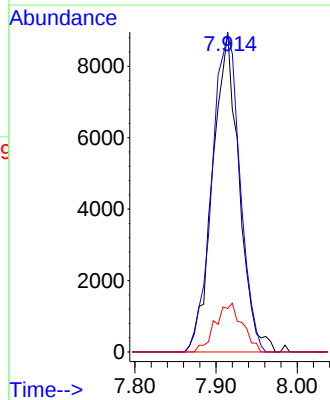
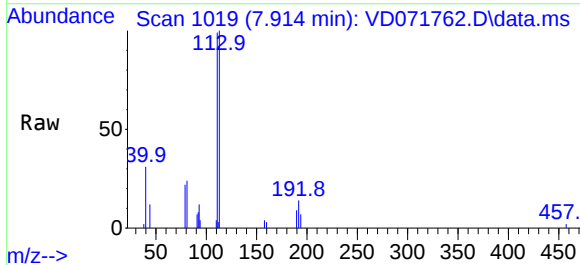
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 MSVOA_D
 ClientSampleId :
 MTR-SOIL-15RE

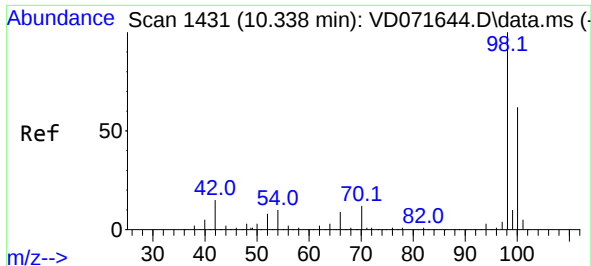
Tgt Ion:	114	Resp:	46469
Ion Ratio	Lower	Upper	
114	100		
63	19.2	0.0	46.2
88	15.7	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 66.147 ug/l
 RT: 7.914 min Scan# 1019
 Delta R.T. 0.000 min
 Lab File: VD071762.D
 Acq: 20 Jan 2022 14:34

Tgt Ion:	113	Resp:	20314
Ion Ratio	Lower	Upper	
113	100		
111	105.1	82.2	123.4
192	15.6	14.2	21.2

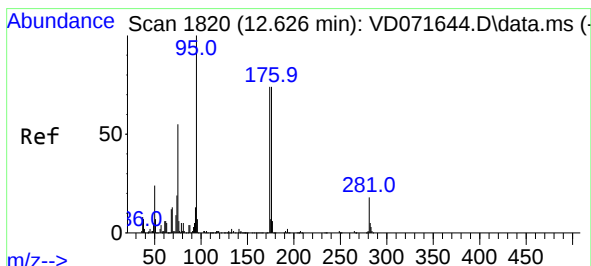
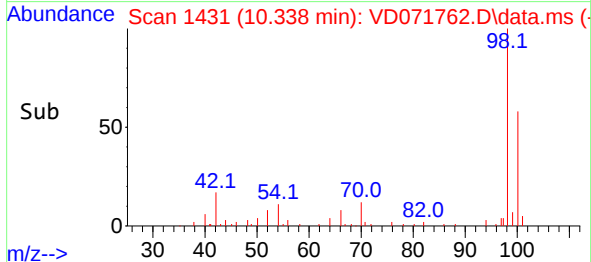
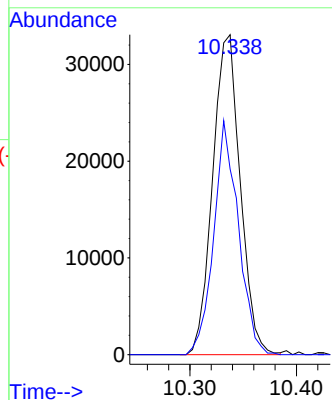
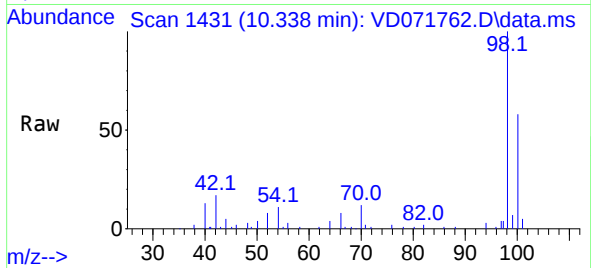




#50
Toluene-d8
Concen: 51.711 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.001 min
Lab File: VD071762.D
Acq: 20 Jan 2022 14:34

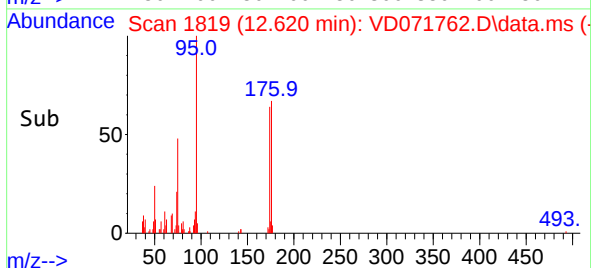
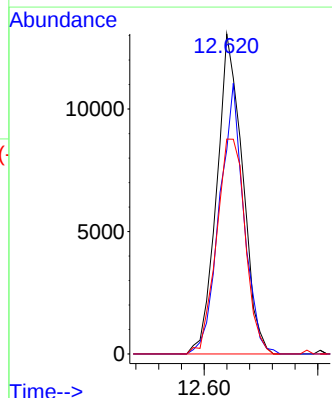
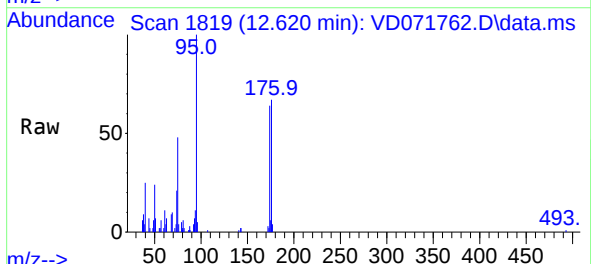
Instrument :
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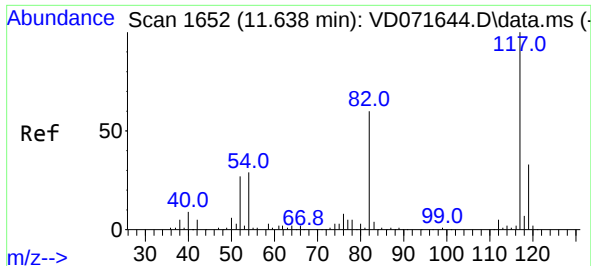
Tgt Ion: 98 Resp: 59446
Ion Ratio Lower Upper
98 100
100 65.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 50.738 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071762.D
Acq: 20 Jan 2022 14:34

Tgt Ion: 95 Resp: 20553
Ion Ratio Lower Upper
95 100
174 79.4 0.0 150.0
176 75.1 0.0 146.4

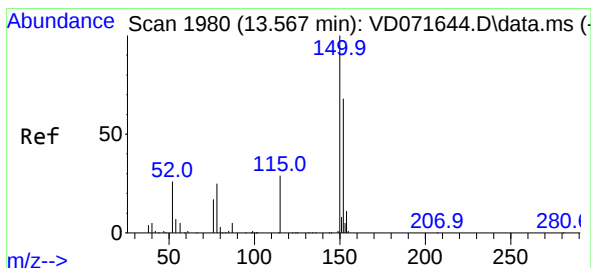
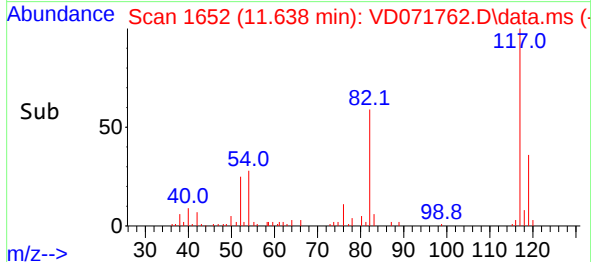
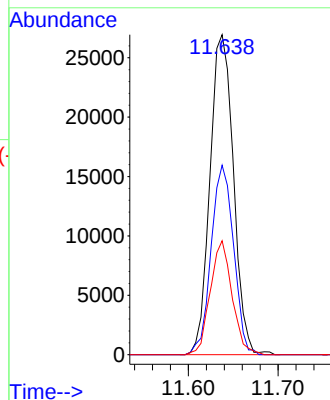
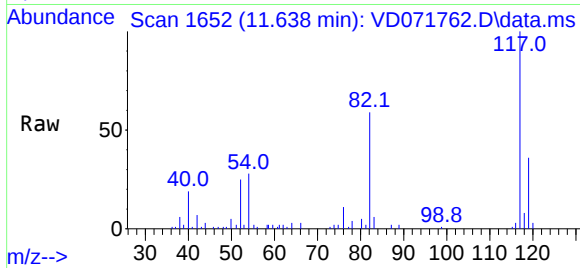




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD071762.D
Acq: 20 Jan 2022 14:34

Instrument :
MSVOA_D
ClientSampleId :
MTR-SOIL-15RE

Tgt Ion:117 Resp: 48981
Ion Ratio Lower Upper
117 100
82 59.2 46.9 70.3
119 35.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071762.D
Acq: 20 Jan 2022 14:34

Tgt Ion:152 Resp: 21837
Ion Ratio Lower Upper
152 100
115 59.7 31.5 94.5
150 162.5 0.0 348.0

