

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
 Data File : VD073123.D
 Acq On : 19 May 2022 04:13
 Operator : VA/SY
 Sample : N2889-05
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-211-051-SOIL

Quant Time: May 19 04:56:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:58:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	9046	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	14799	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	17340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	7618	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	9412	83.198	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 166.400%#	
35) Dibromofluoromethane	7.909	113	8458	81.401	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 162.800%#	
50) Toluene-d8	10.332	98	20123	53.384	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.760%	
62) 4-Bromofluorobenzene	12.620	95	7498	54.919	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.840%	

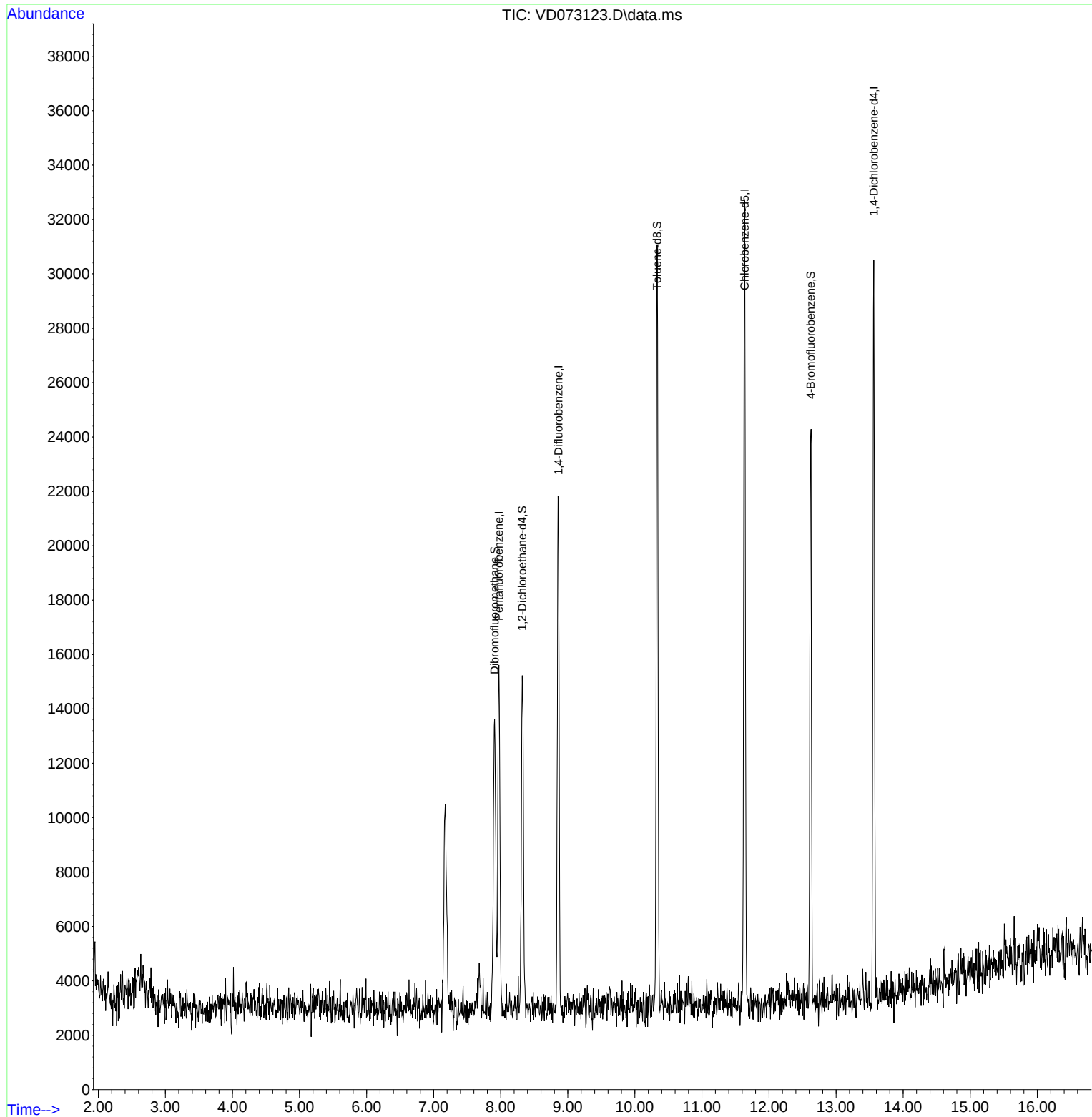
Target Compounds	Qvalue

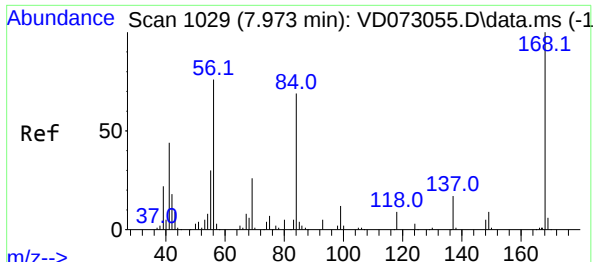
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD073123.D

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Instrument :

MSVOA_D

ClientSampleId :

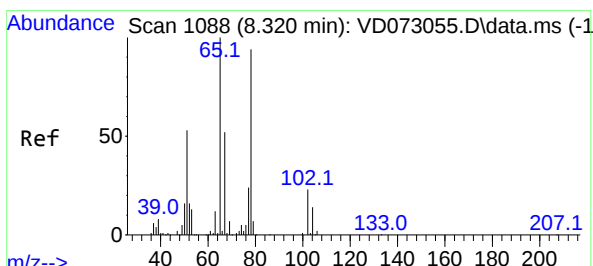
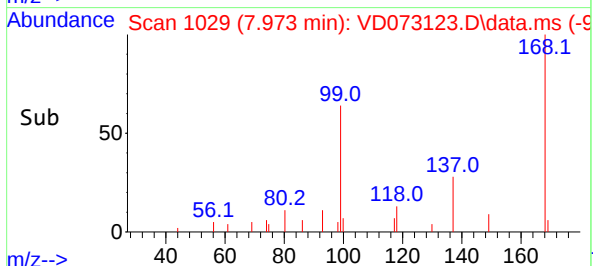
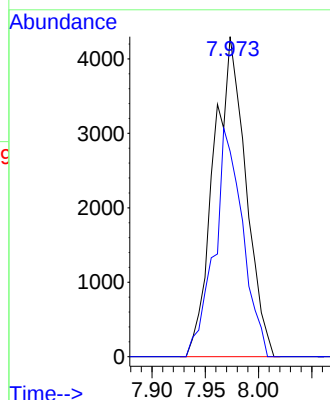
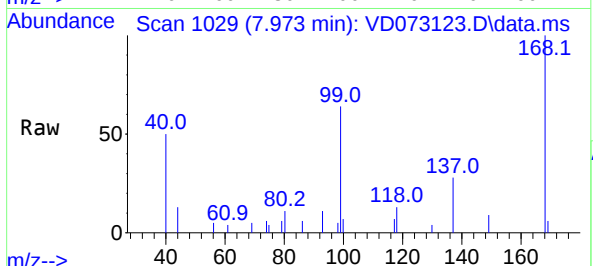
RO-211-051-SOIL

Tgt Ion:168 Resp: 9046

Ion Ratio Lower Upper

168 100

99 64.1 49.8 74.6



1,2-Dichloroethane-d4

Concen: 83.198 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD073123.D

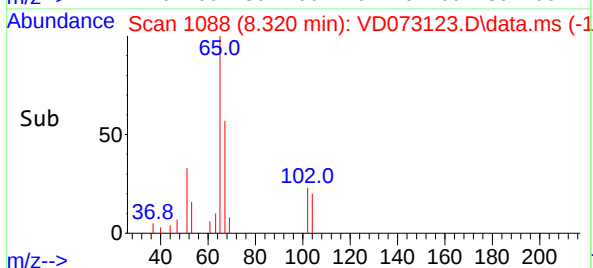
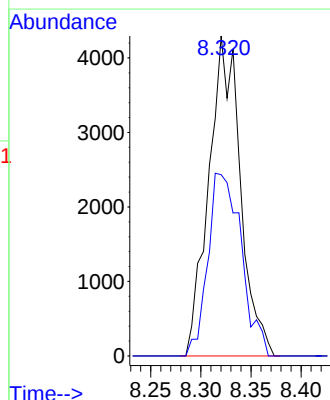
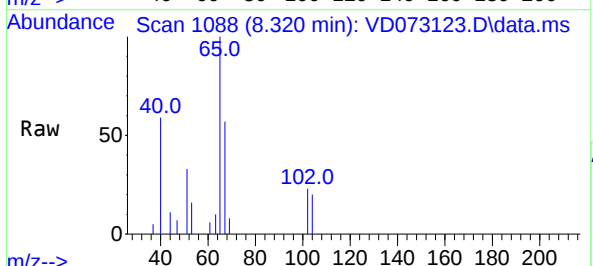
Acq: 19 May 2022 04:13

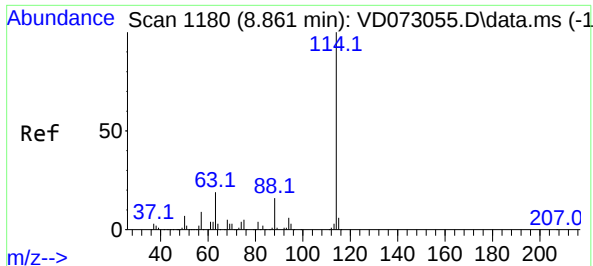
Tgt Ion: 65 Resp: 9412

Ion Ratio Lower Upper

65 100

67 60.3 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD073123.D

Acq: 19 May 2022 04:13

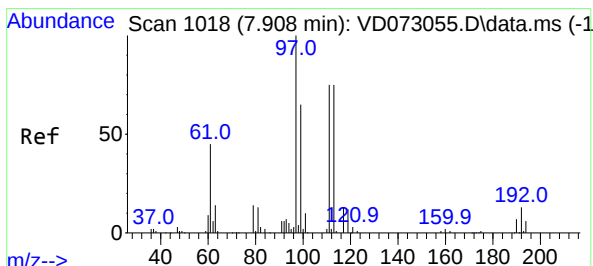
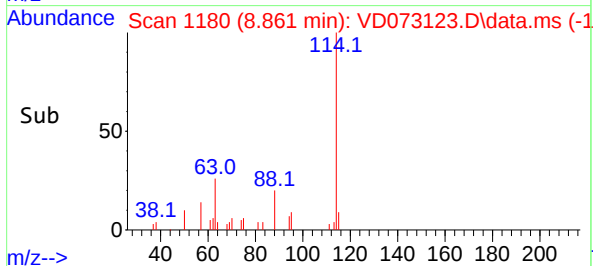
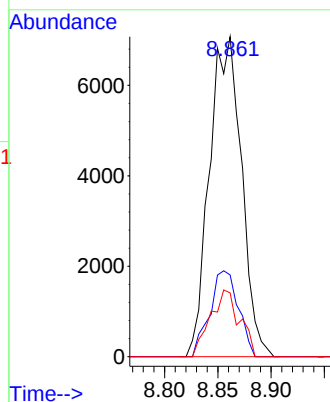
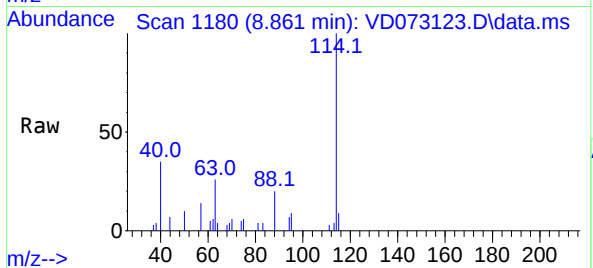
Instrument :

MSVOA_D

ClientSampleId :

RO-211-051-SOIL

Tgt Ion:	114	Resp:	14799
Ion	Ratio	Lower	Upper
114	100		
63	25.5	0.0	46.6
88	20.0	0.0	33.2



#35

Dibromofluoromethane

Concen: 81.401 ug/l

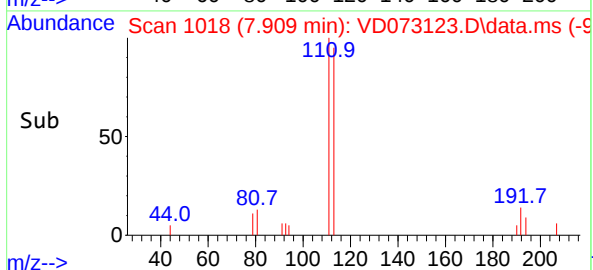
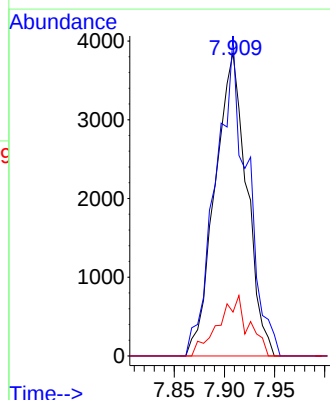
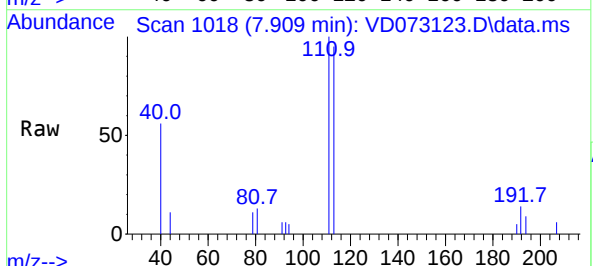
RT: 7.909 min Scan# 1018

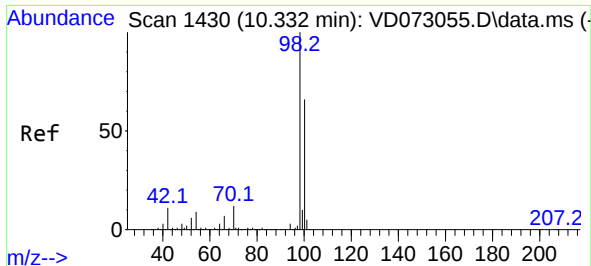
Delta R.T. 0.000 min

Lab File: VD073123.D

Acq: 19 May 2022 04:13

Tgt Ion:	113	Resp:	8458
Ion	Ratio	Lower	Upper
113	100		
111	105.0	83.8	125.6
192	19.1	14.6	21.8

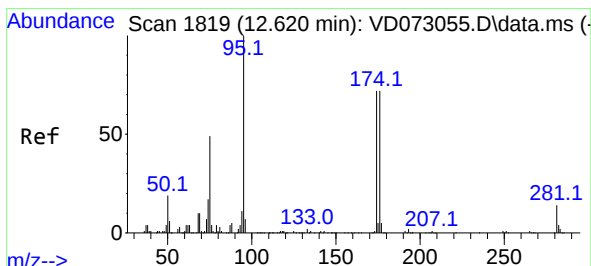
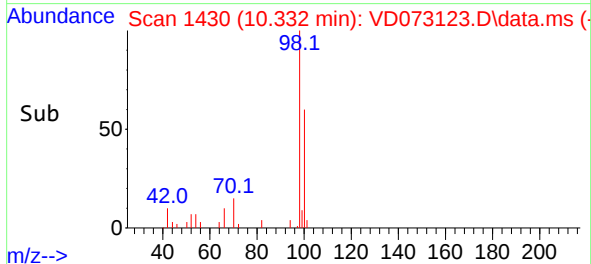
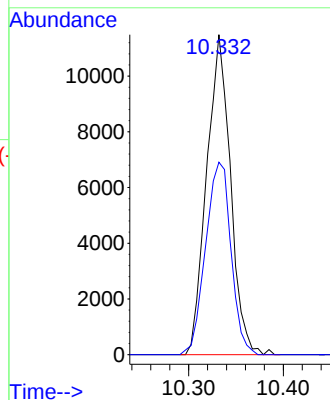
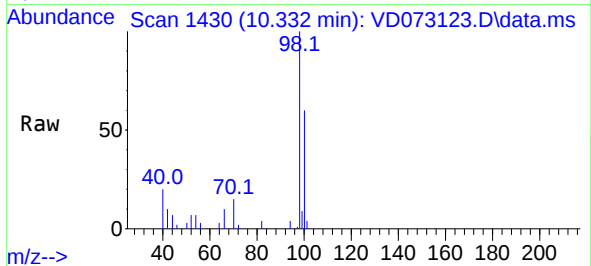




#50
Toluene-d8
Concen: 53.384 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073123.D
Acq: 19 May 2022 04:13

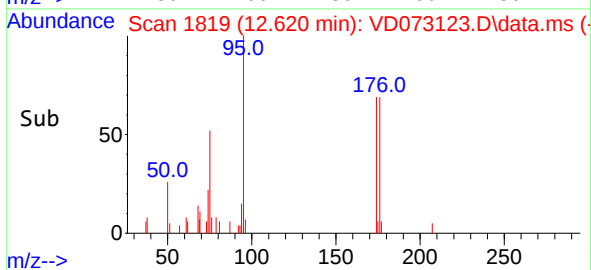
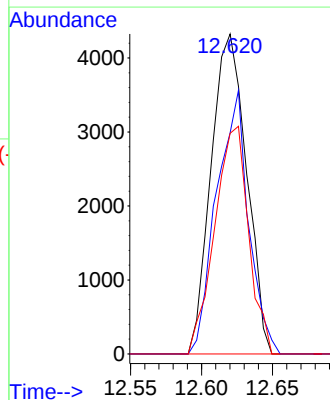
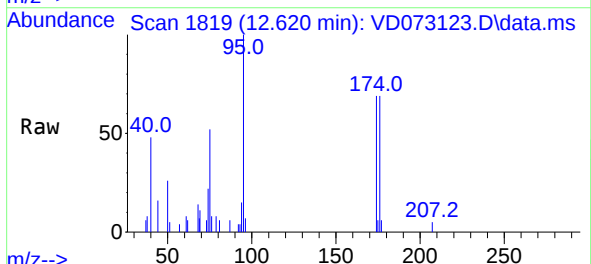
Instrument :
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RO-211-051-SOIL

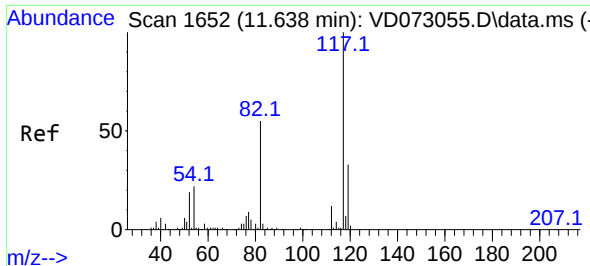
Tgt Ion: 98 Resp: 20123
Ion Ratio Lower Upper
98 100
100 64.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 54.919 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073123.D
Acq: 19 May 2022 04:13

Tgt Ion: 95 Resp: 7498
Ion Ratio Lower Upper
95 100
174 74.5 0.0 152.8
176 68.0 0.0 145.4

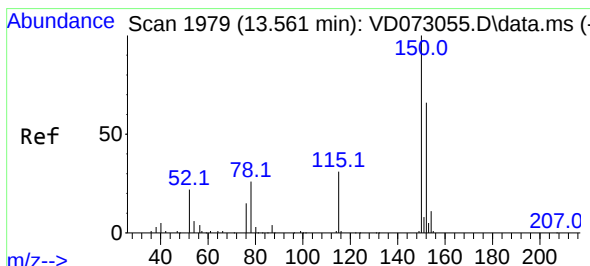
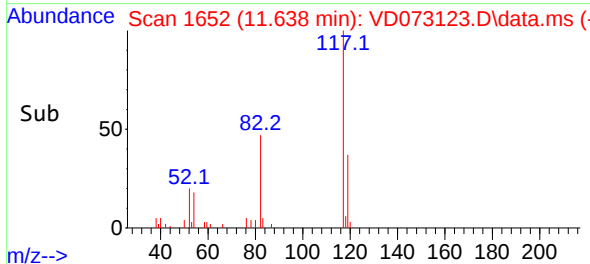
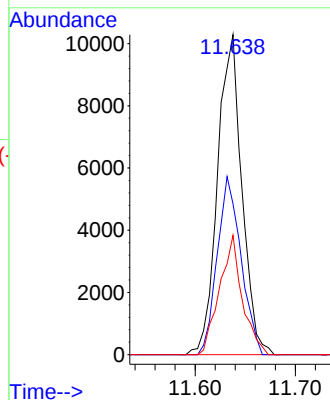
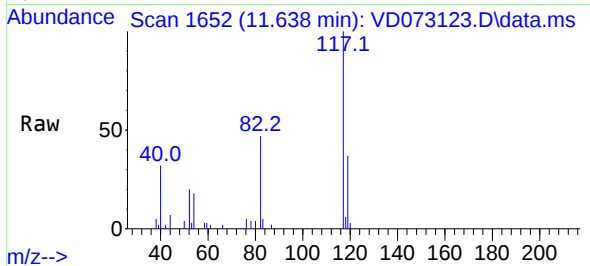




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD073123.D
Acq: 19 May 2022 04:13

Instrument :
MSVOA_D
ClientSampleId :
RO-211-051-SOIL

Tgt Ion:	117	Resp:	17340
Ion	Ratio	Lower	Upper
117	100		
82	47.1	45.3	67.9
119	37.3	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073123.D
Acq: 19 May 2022 04:13

Tgt Ion:	152	Resp:	7618
Ion	Ratio	Lower	Upper
152	100		
115	60.3	31.3	93.8
150	162.2	0.0	348.6

