

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051922\
 Data File : VD073148.D
 Acq On : 19 May 2022 19:48
 Operator : VA/SY
 Sample : N2889-05RE
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: May 20 01:50:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	38814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	63807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	76328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	38706	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	33710	78.587	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	157.180%
35) Dibromofluoromethane	7.908	113	28927	68.704	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	137.400%
50) Toluene-d8	10.332	98	81448	52.477	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.960%
62) 4-Bromofluorobenzene	12.620	95	33797	62.049	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	124.100%

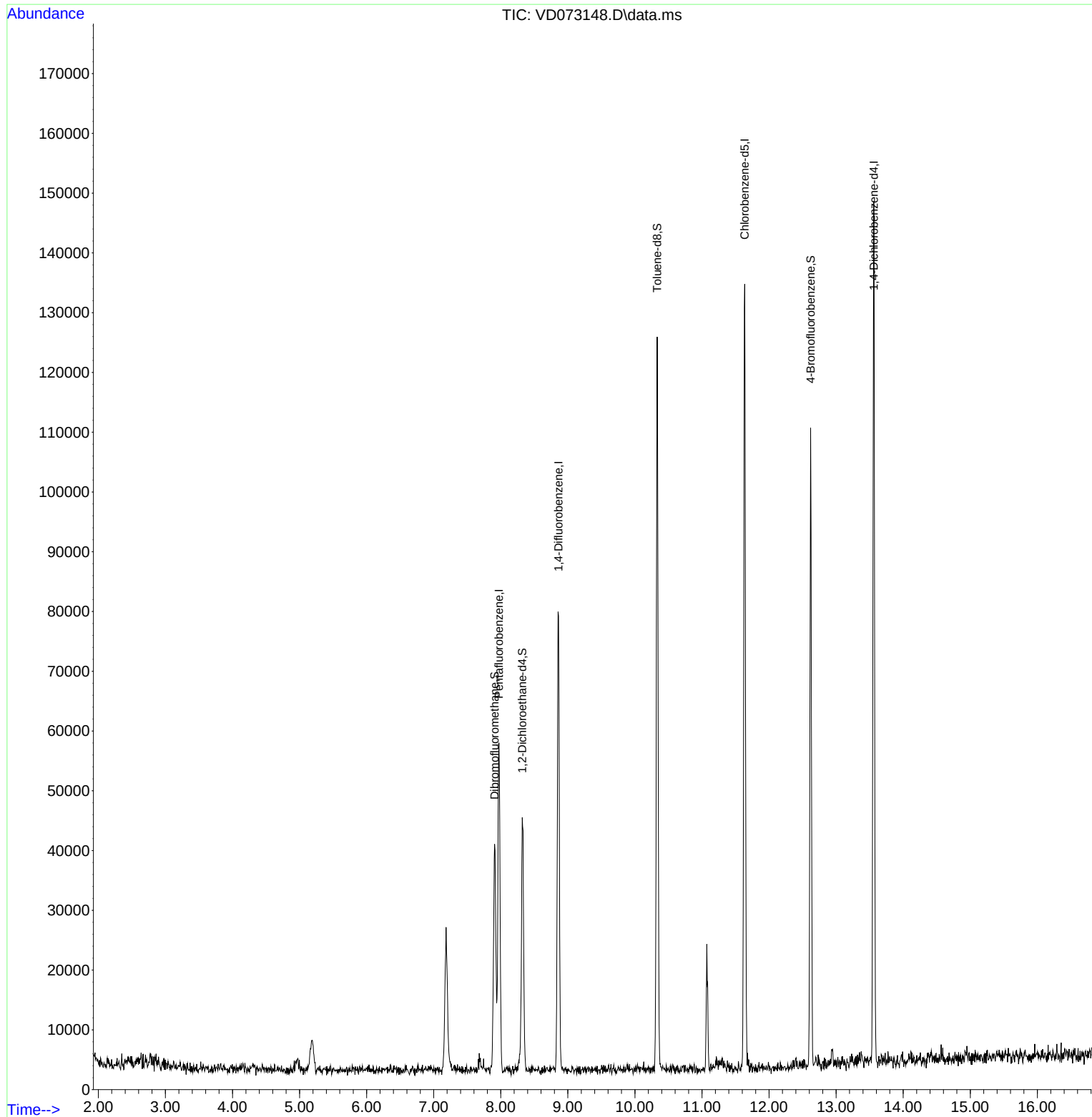
Target Compounds	Qvalue

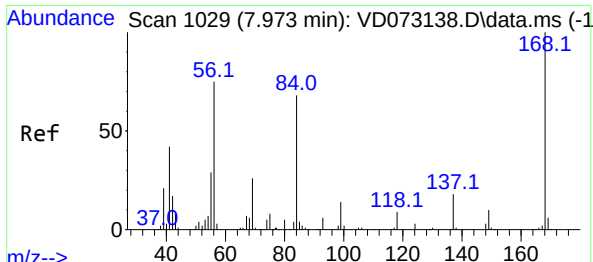
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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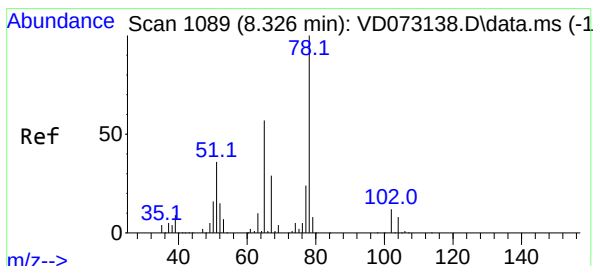
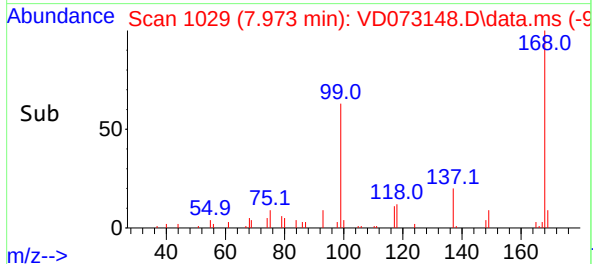
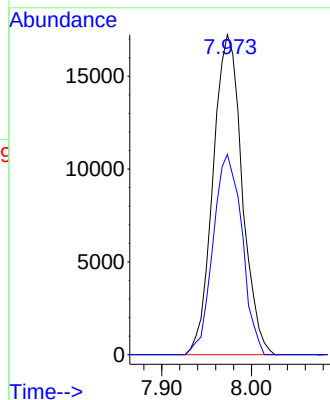
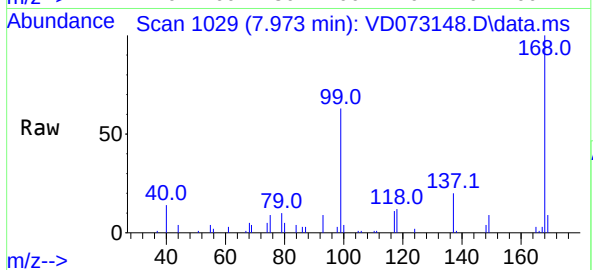




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073148.D
Acq: 19 May 2022 19:48

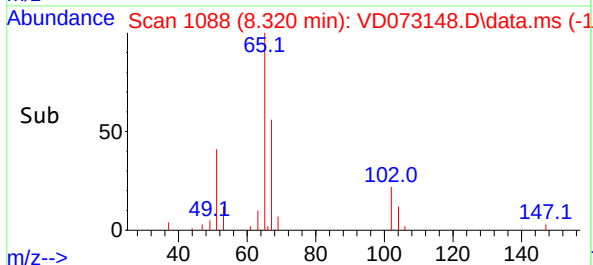
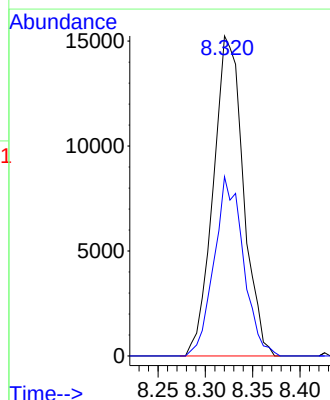
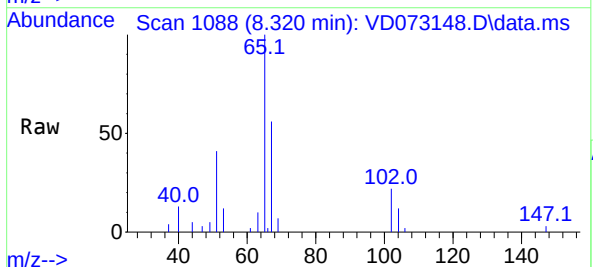
Instrument :
MSVOA_D
ClientSampleId :
RO-211-051-SOIL

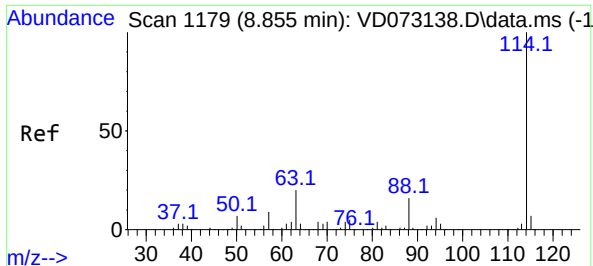
Tgt Ion:168 Resp: 38814
Ion Ratio Lower Upper
168 100
99 62.5 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 78.587 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073148.D
Acq: 19 May 2022 19:48

Tgt Ion: 65 Resp: 33710
Ion Ratio Lower Upper
65 100
67 54.3 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VD073148.D

Acq: 19 May 2022 19:48

Instrument :

MSVOA_D

ClientSampleId :

RO-211-051-SOIL

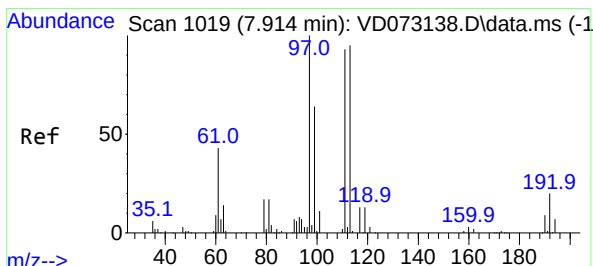
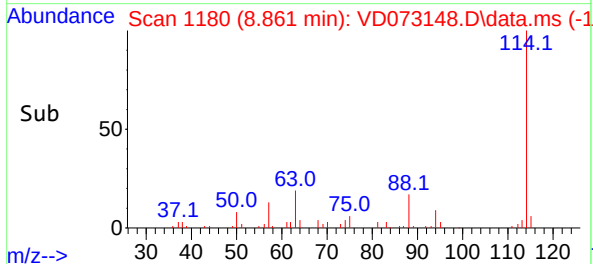
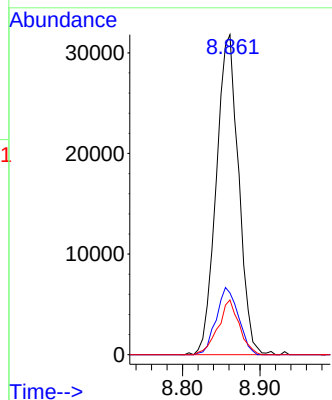
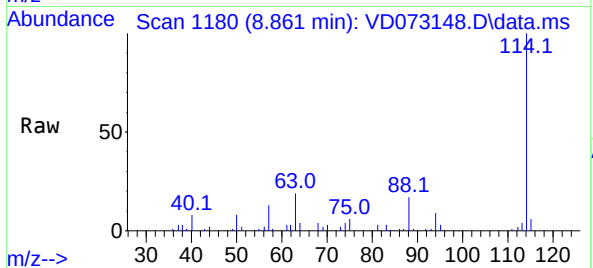
Tgt Ion:114 Resp: 63807

Ion Ratio Lower Upper

114 100

63 19.3 0.0 46.6

88 17.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 68.704 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073148.D

Acq: 19 May 2022 19:48

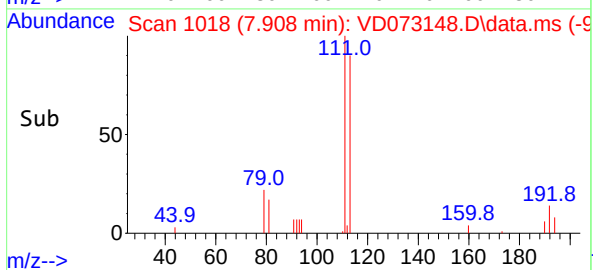
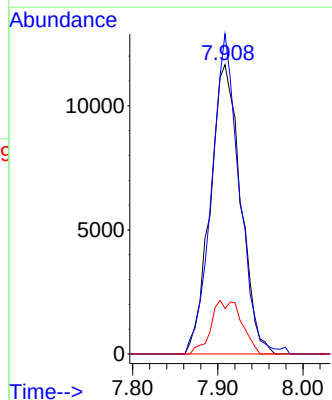
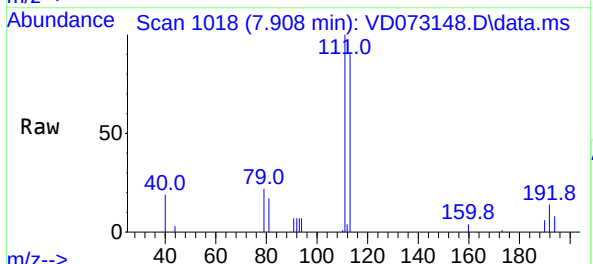
Tgt Ion:113 Resp: 28927

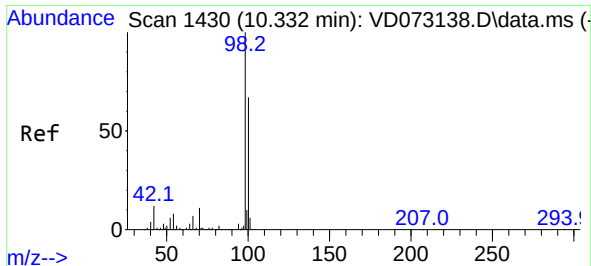
Ion Ratio Lower Upper

113 100

111 100.9 83.8 125.6

192 18.5 14.6 21.8

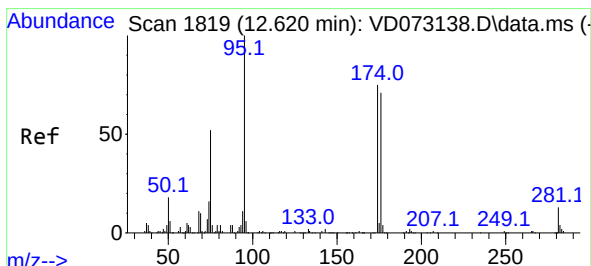
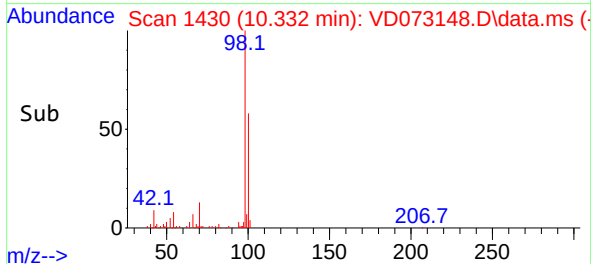
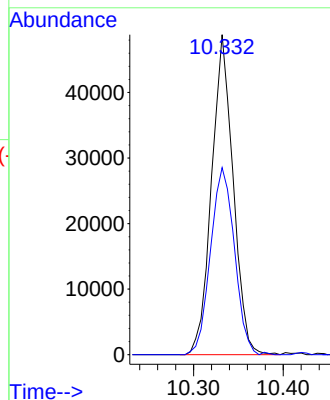
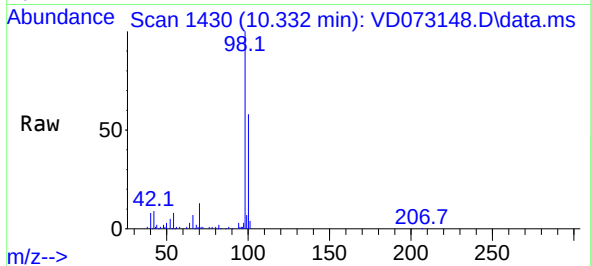




#50
Toluene-d8
Concen: 52.477 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073148.D
Acq: 19 May 2022 19:48

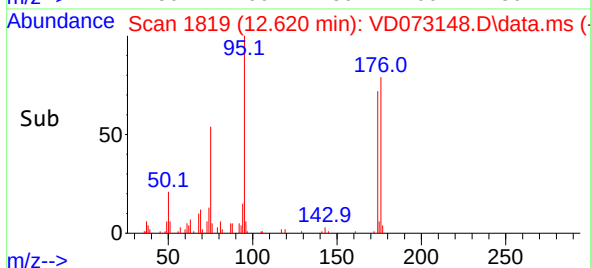
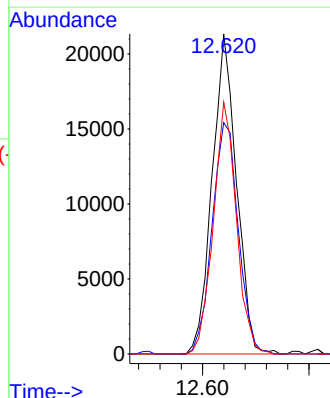
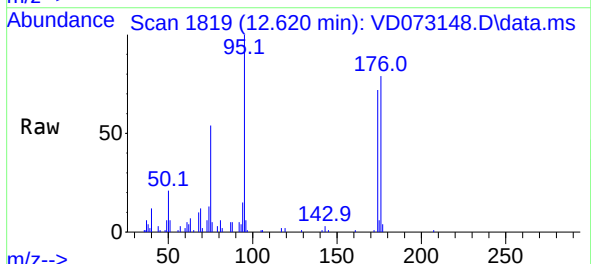
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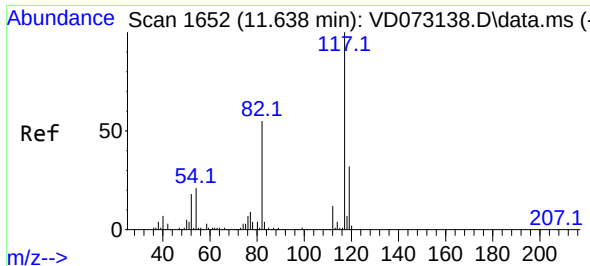
Tgt Ion: 98 Resp: 81448
Ion Ratio Lower Upper
98 100
100 64.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 62.049 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073148.D
Acq: 19 May 2022 19:48

Tgt Ion: 95 Resp: 33797
Ion Ratio Lower Upper
95 100
174 77.8 0.0 152.8
176 74.6 0.0 145.4

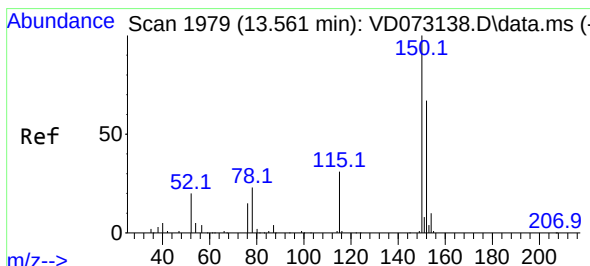
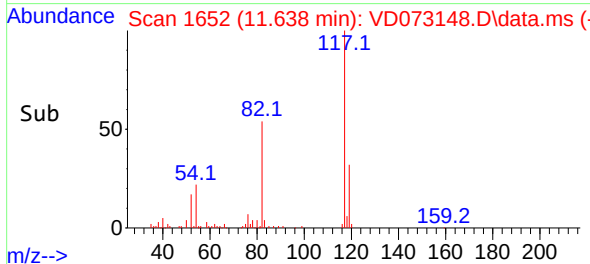
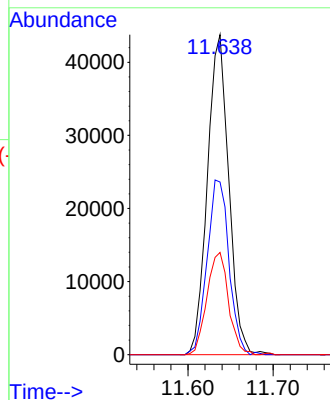
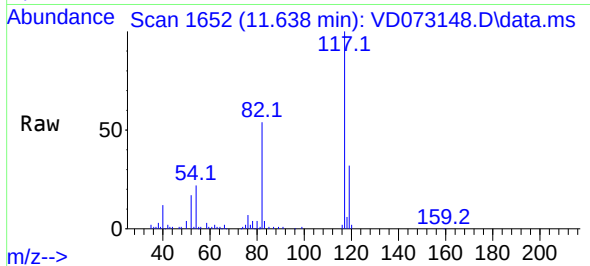




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD073148.D
Acq: 19 May 2022 19:48

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

Tgt Ion:	117	Resp:	76328
Ion	Ratio	Lower	Upper
117	100		
82	53.9	45.3	67.9
119	31.9	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: VD073148.D
Acq: 19 May 2022 19:48

Tgt Ion:	152	Resp:	38706
Ion	Ratio	Lower	Upper
152	100		
115	64.0	31.3	93.8
150	152.9	0.0	348.6

