

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031422\
 Data File : VD072175.D
 Acq On : 14 Mar 2022 18:50
 Operator : VA/SY
 Sample : N1888-01
 Misc : 3.91G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SS-1(PILE-1)

Quant Time: Mar 15 01:25:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	305769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	614491	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	640717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	296113	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	204593	60.040	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.080%
35) Dibromofluoromethane	7.914	113	212177	49.067	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.140%
50) Toluene-d8	10.338	98	775931	49.074	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.140%
62) 4-Bromofluorobenzene	12.626	95	296800	48.310	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.620%

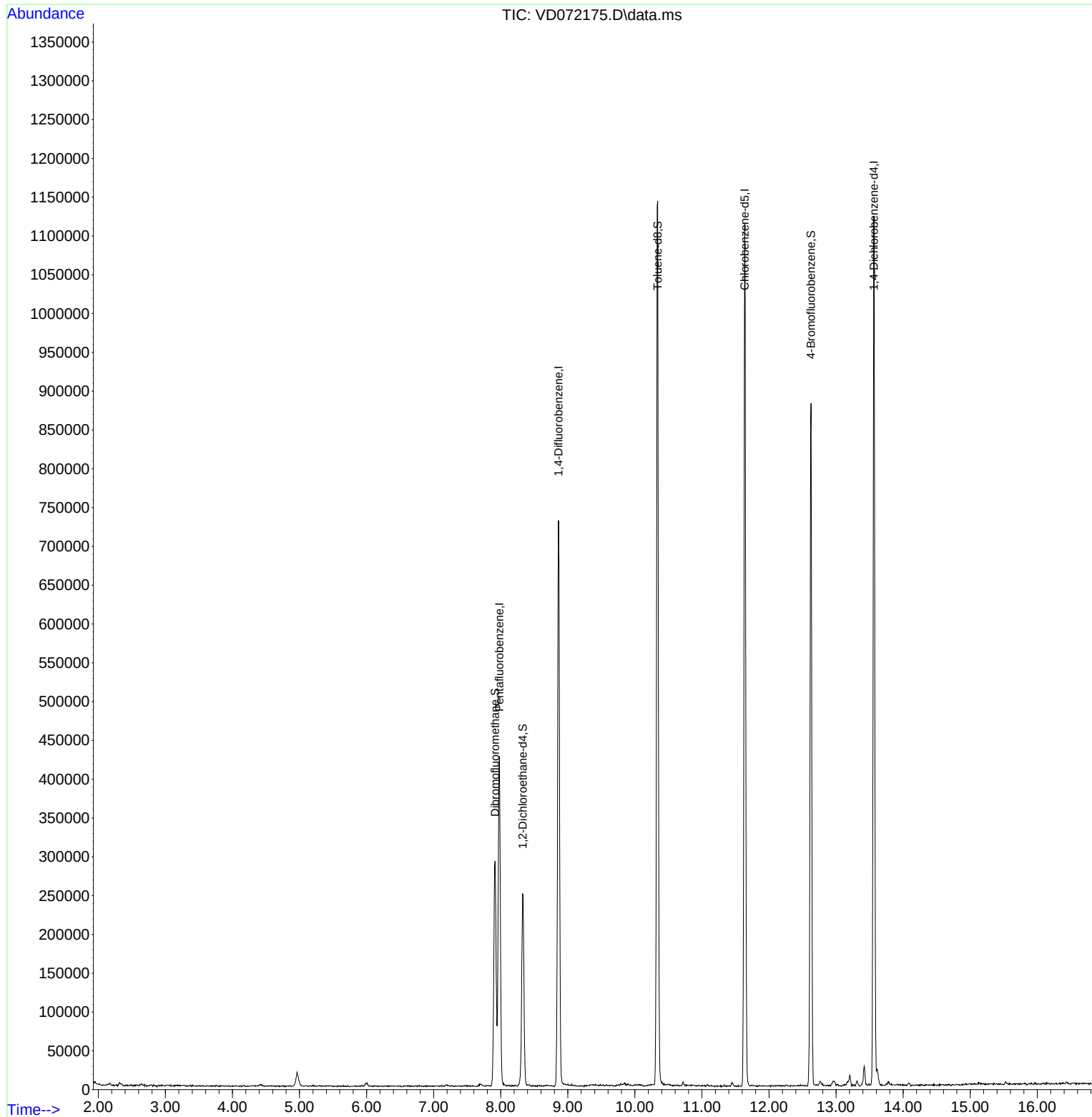
Target Compounds	Qvalue

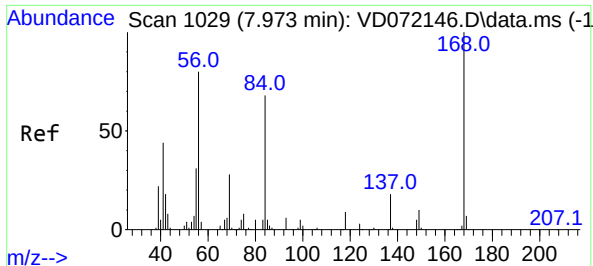
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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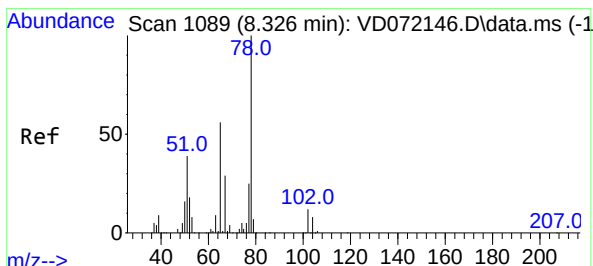
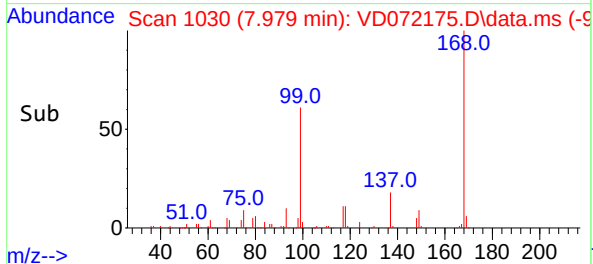
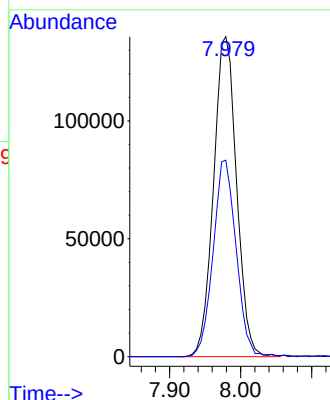
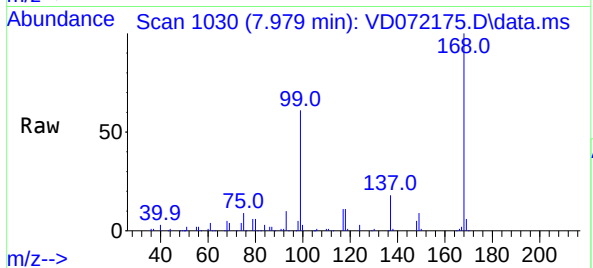




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072175.D
Acq: 14 Mar 2022 18:50

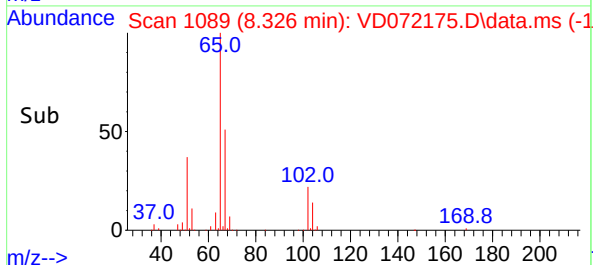
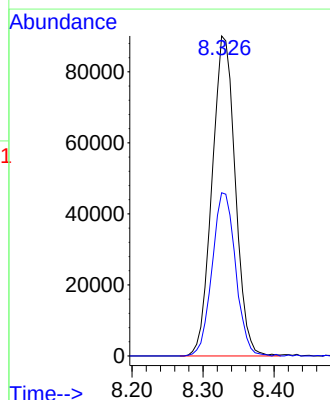
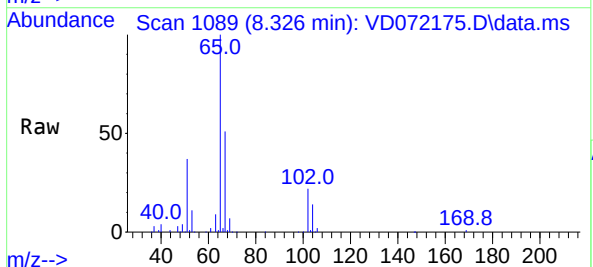
Instrument :
MSVOA_D
ClientSampleId :
SS-1(PILE-1)

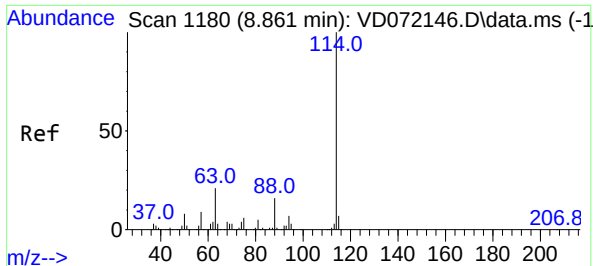
Tgt Ion:168 Resp: 305769
Ion Ratio Lower Upper
168 100
99 61.4 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 60.040 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072175.D
Acq: 14 Mar 2022 18:50

Tgt Ion: 65 Resp: 204593
Ion Ratio Lower Upper
65 100
67 51.5 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: VD072175.D

Acq: 14 Mar 2022 18:50

Instrument :

MSVOA_D

ClientSampleId :

SS-1(PILE-1)

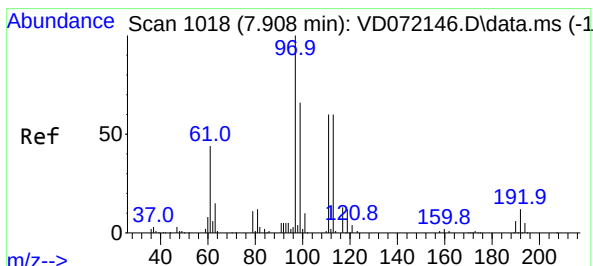
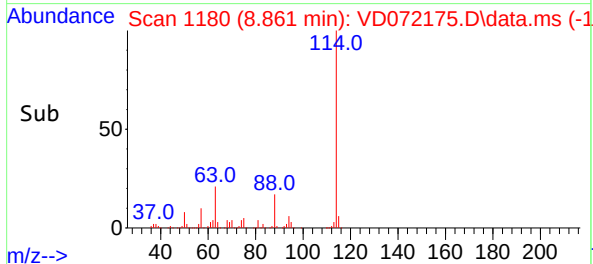
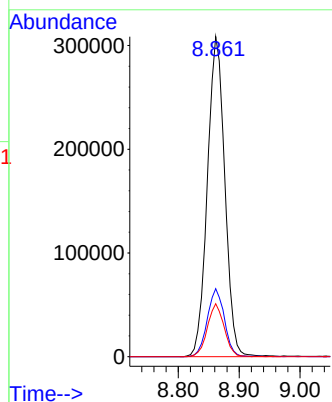
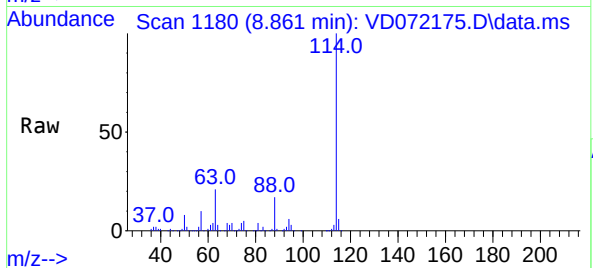
Tgt Ion:114 Resp: 614491

Ion Ratio Lower Upper

114 100

63 21.2 0.0 46.6

88 16.6 0.0 33.2



#35

Dibromofluoromethane

Concen: 49.067 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072175.D

Acq: 14 Mar 2022 18:50

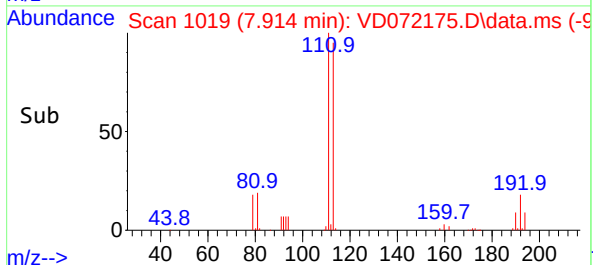
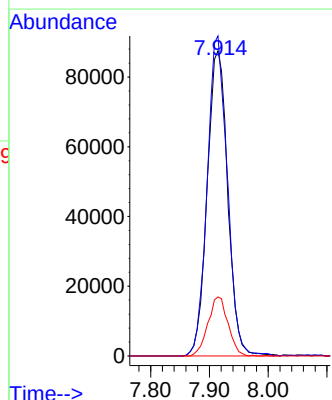
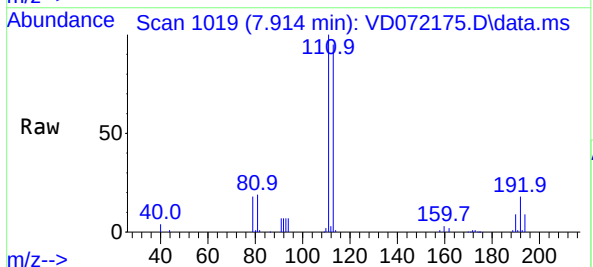
Tgt Ion:113 Resp: 212177

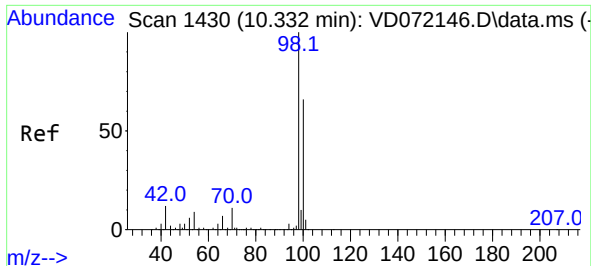
Ion Ratio Lower Upper

113 100

111 102.6 83.8 125.6

192 18.9 14.6 21.8

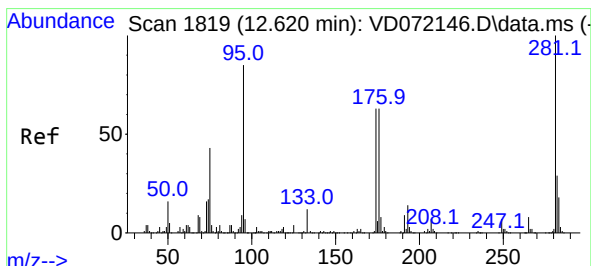
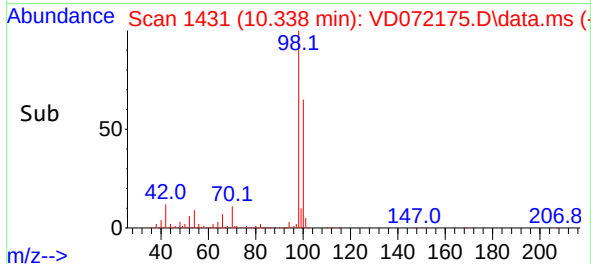
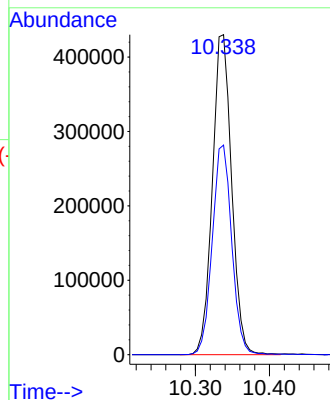
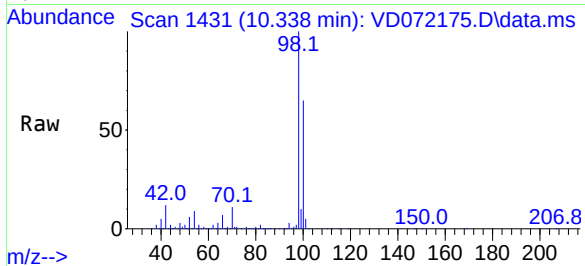




#50
Toluene-d8
Concen: 49.074 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072175.D
Acq: 14 Mar 2022 18:50

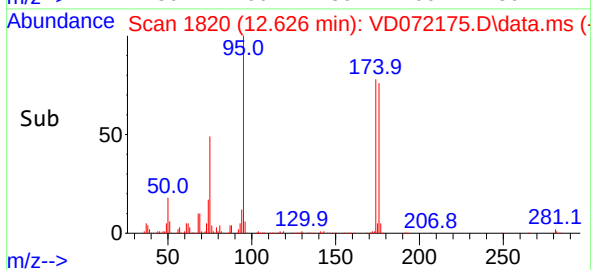
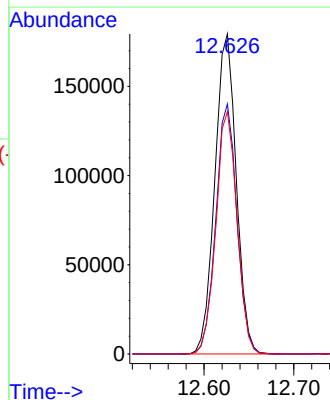
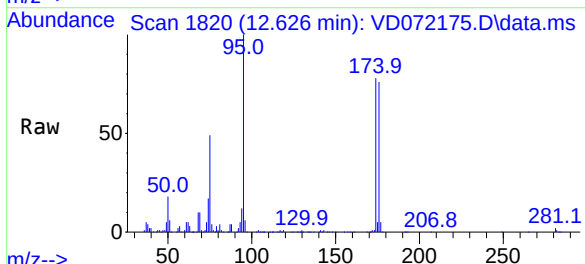
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SS-1(PILE-1)

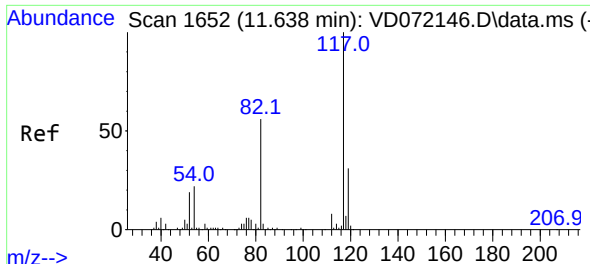
Tgt Ion: 98 Resp: 775931
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.310 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072175.D
Acq: 14 Mar 2022 18:50

Tgt Ion: 95 Resp: 296800
Ion Ratio Lower Upper
95 100
174 77.0 0.0 152.8
176 74.8 0.0 145.4

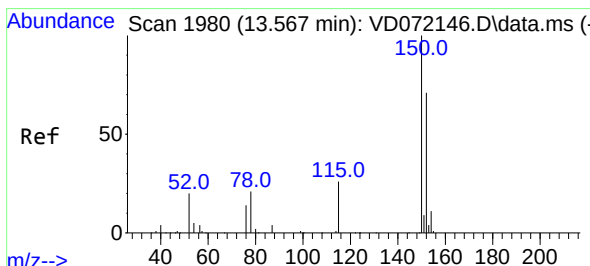
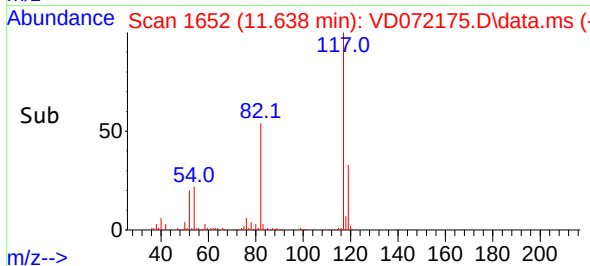
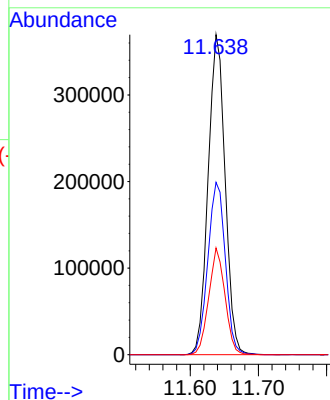
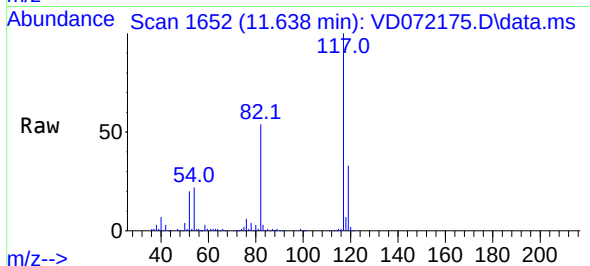




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD072175.D
Acq: 14 Mar 2022 18:50

Instrument :
MSVOA_D
ClientSampleId :
SS-1(PILE-1)

Tgt Ion:117 Resp: 640717
Ion Ratio Lower Upper
117 100
82 53.8 45.3 67.9
119 33.4 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072175.D
Acq: 14 Mar 2022 18:50

Tgt Ion:152 Resp: 296113
Ion Ratio Lower Upper
152 100
115 60.0 31.3 93.8
150 159.5 0.0 348.6

