

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081321\
 Data File : VD070056.D
 Acq On : 13 Aug 2021 18:12
 Operator : VA/SY
 Sample : M3368-13
 Misc : 5.42G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-06-0205

Quant Time: Aug 14 02:52:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	566769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1135518	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1067720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	443178	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	397395	59.614	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.220%
35) Dibromofluoromethane	7.914	113	389663	53.115	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.240%
50) Toluene-d8	10.338	98	1466881	51.409	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.820%
62) 4-Bromofluorobenzene	12.626	95	448253	47.695	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.400%

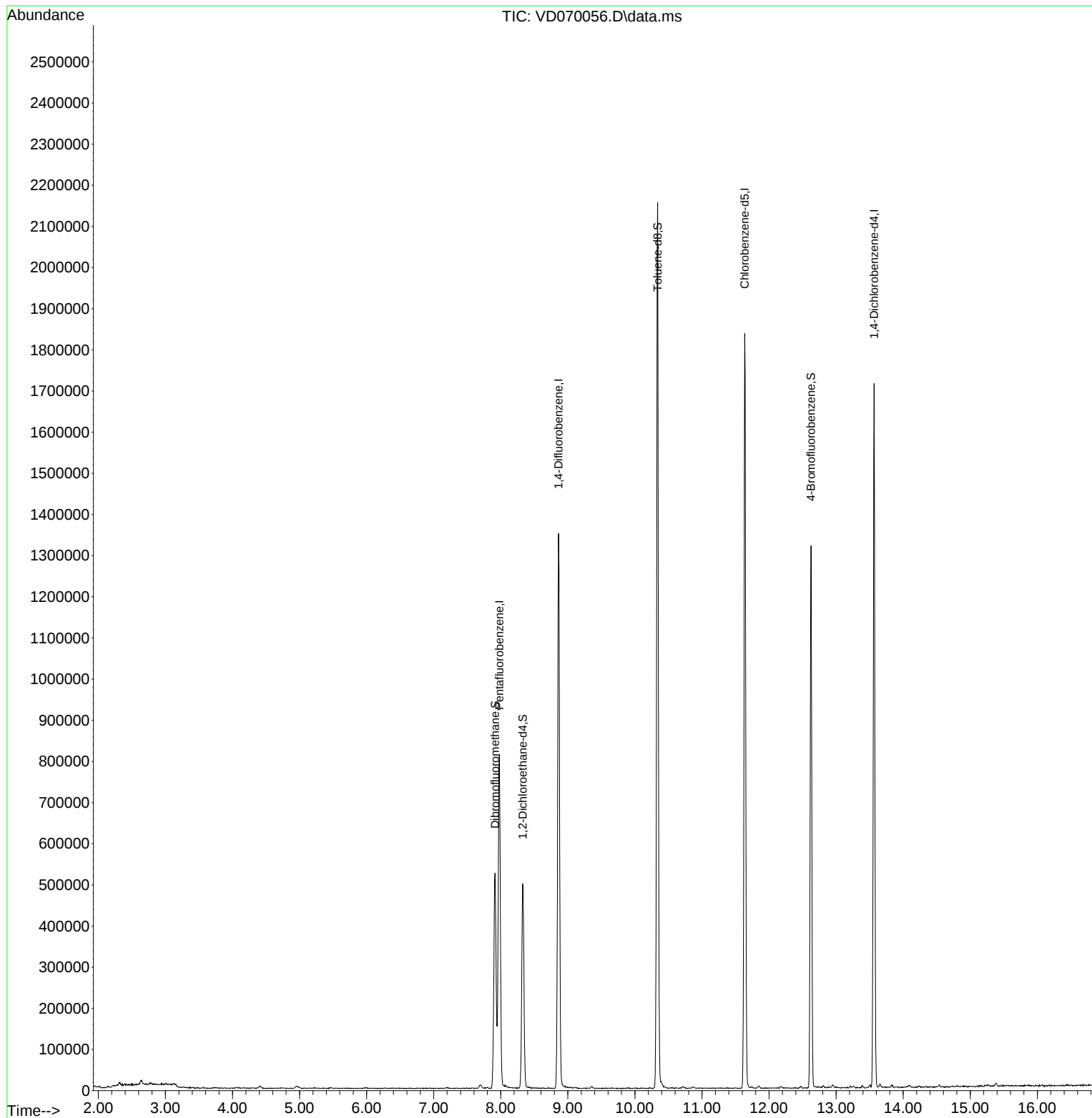
Target Compounds	Qvalue

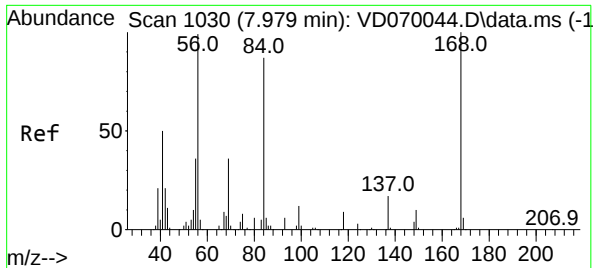
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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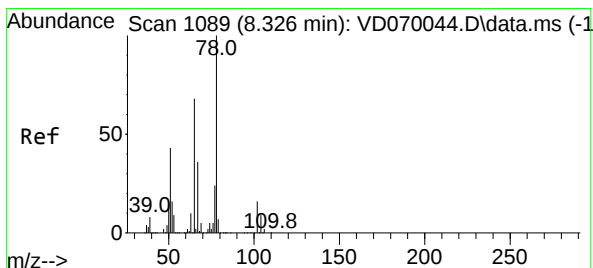
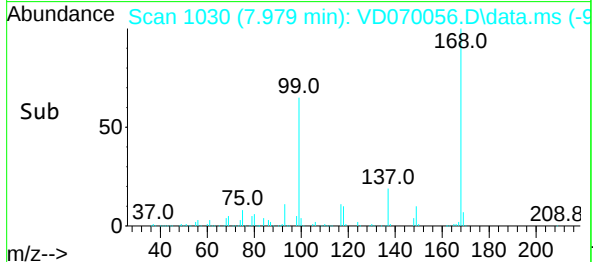
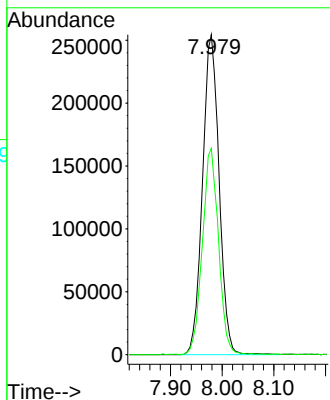
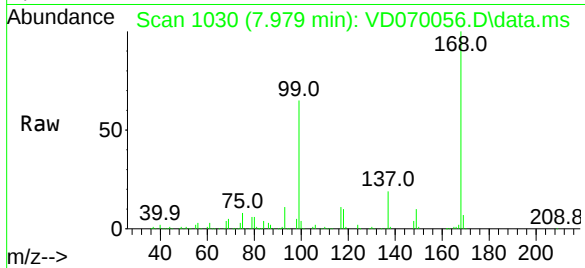




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070056.D
Acq: 13 Aug 2021 18:12

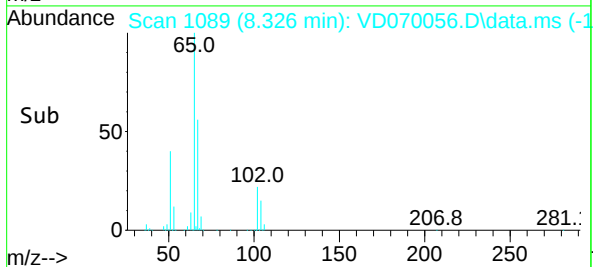
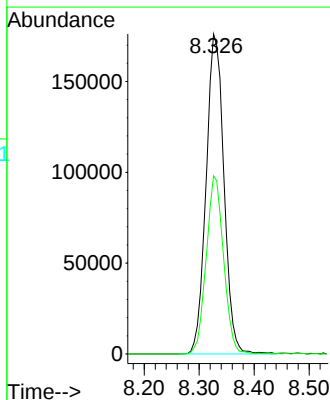
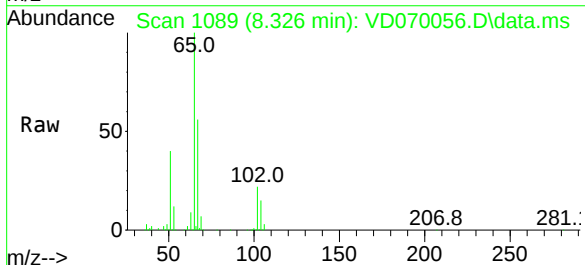
Instrument :
MSVOA_D
ClientSampleId :
SWCS-06-0205

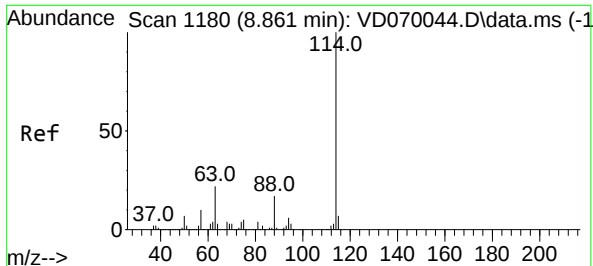
Tgt Ion:168 Resp: 566769
Ion Ratio Lower Upper
168 100
99 64.4 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 59.614 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070056.D
Acq: 13 Aug 2021 18:12

Tgt Ion: 65 Resp: 397395
Ion Ratio Lower Upper
65 100
67 54.1 0.0 107.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD070056.D

Acq: 13 Aug 2021 18:12

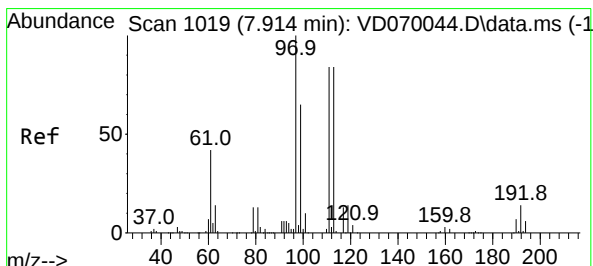
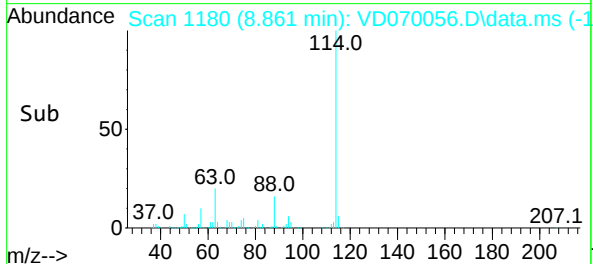
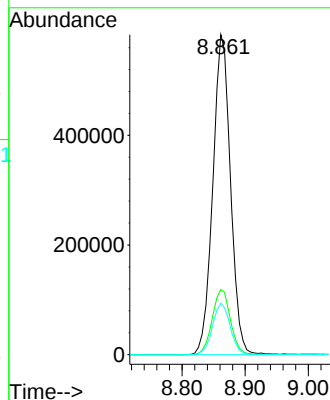
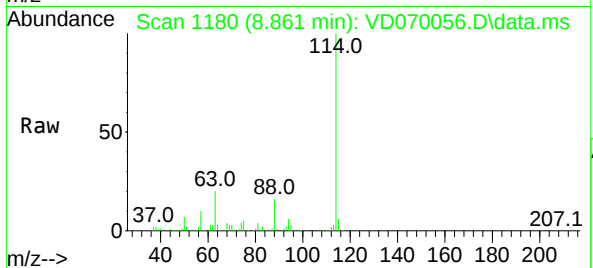
Tgt Ion:114 Resp: 1135518

Ion Ratio Lower Upper

114 100

63 20.4 0.0 43.6

88 16.0 0.0 33.4



#35

Dibromofluoromethane

Concen: 53.115 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD070056.D

Acq: 13 Aug 2021 18:12

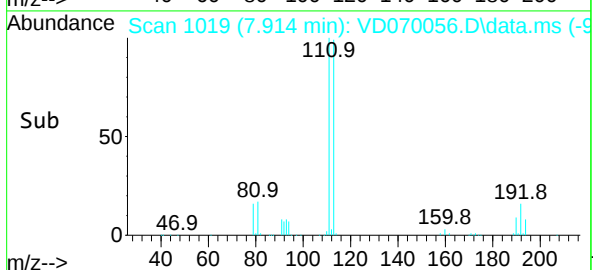
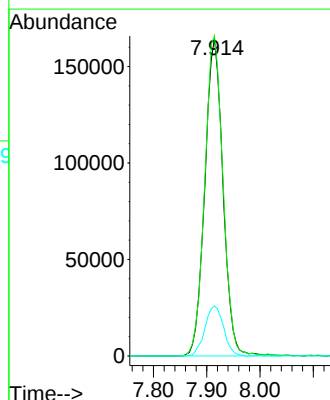
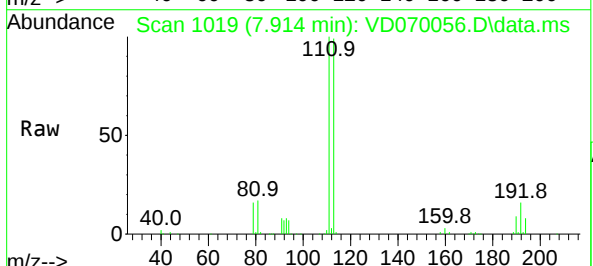
Tgt Ion:113 Resp: 389663

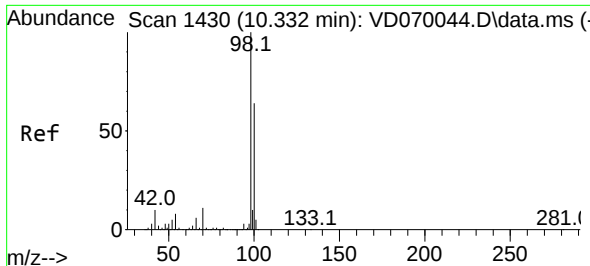
Ion Ratio Lower Upper

113 100

111 101.5 81.8 122.6

192 16.3 13.2 19.8

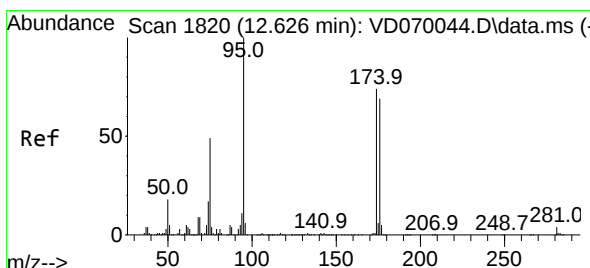
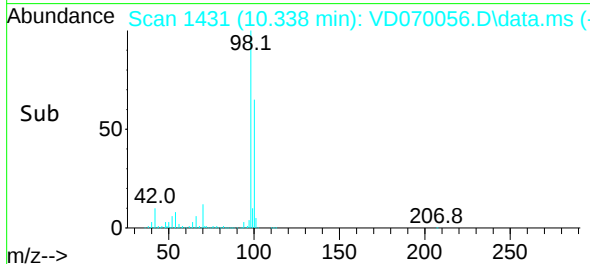
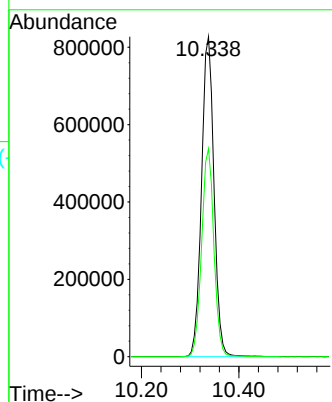
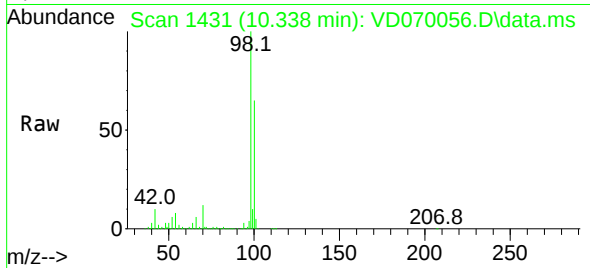




#50
Toluene-d8
Concen: 51.409 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070056.D
Acq: 13 Aug 2021 18:12

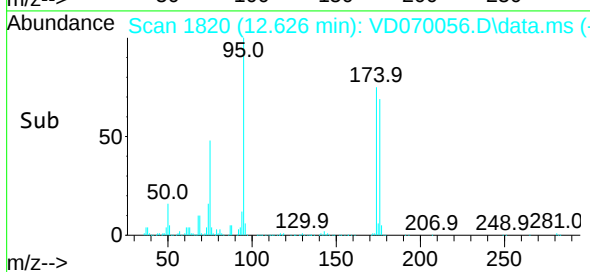
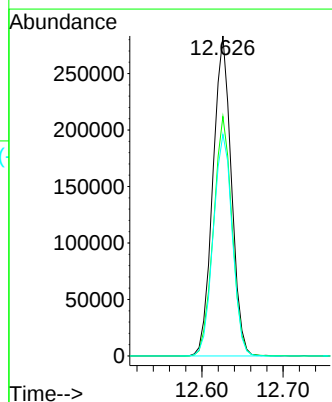
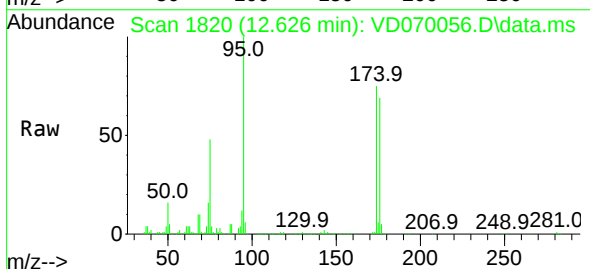
Instrument :
MSVOA_D
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SWCS-06-0205

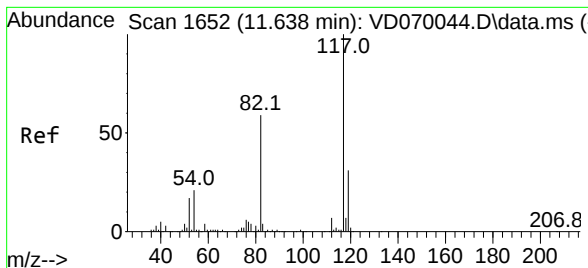
Tgt Ion: 98 Resp: 1466881
Ion Ratio Lower Upper
98 100
100 64.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 47.695 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070056.D
Acq: 13 Aug 2021 18:12

Tgt Ion: 95 Resp: 448253
Ion Ratio Lower Upper
95 100
174 75.0 0.0 141.6
176 71.1 0.0 138.2

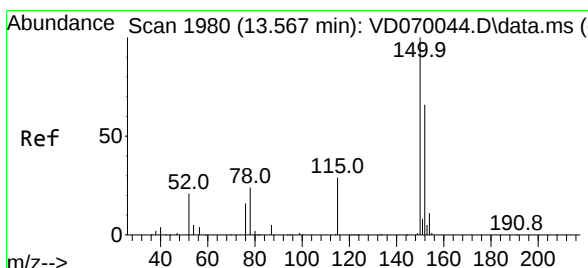
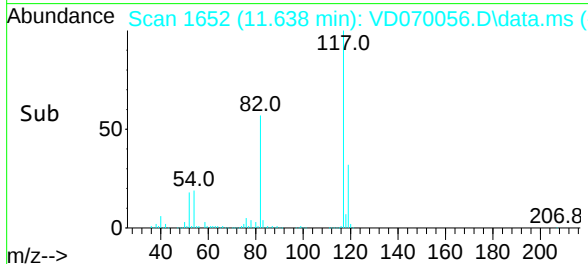
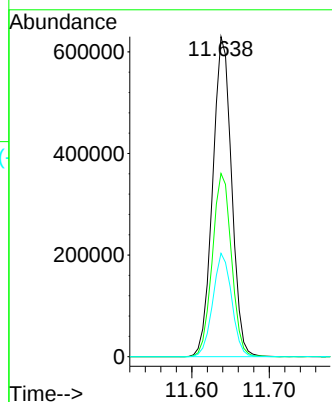
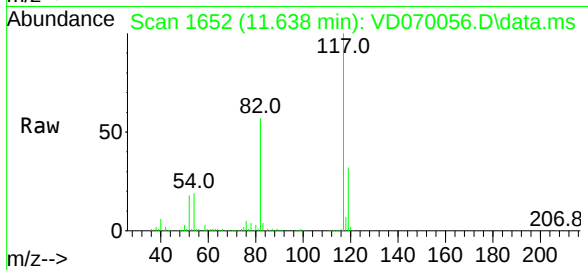




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070056.D
Acq: 13 Aug 2021 18:12

Instrument :
MSVOA_D
ClientSampleId :
SWCS-06-0205

Tgt Ion:117 Resp: 1067720
Ion Ratio Lower Upper
117 100
82 57.3 47.5 71.3
119 32.3 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070056.D
Acq: 13 Aug 2021 18:12

Tgt Ion:152 Resp: 443178
Ion Ratio Lower Upper
152 100
115 61.7 31.2 93.6
150 158.1 0.0 352.0

