

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081321\
 Data File : VD070057.D
 Acq On : 13 Aug 2021 18:41
 Operator : VA/SY
 Sample : M3368-14
 Misc : 7.44G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-06-0510

Quant Time: Aug 14 02:52:20 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	571835	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1145785	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1075039	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	429125	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	389254	57.876	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.760%
35) Dibromofluoromethane	7.914	113	382743	51.704	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.400%
50) Toluene-d8	10.338	98	1441985	50.083	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.160%
62) 4-Bromofluorobenzene	12.626	95	439499	46.345	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.680%

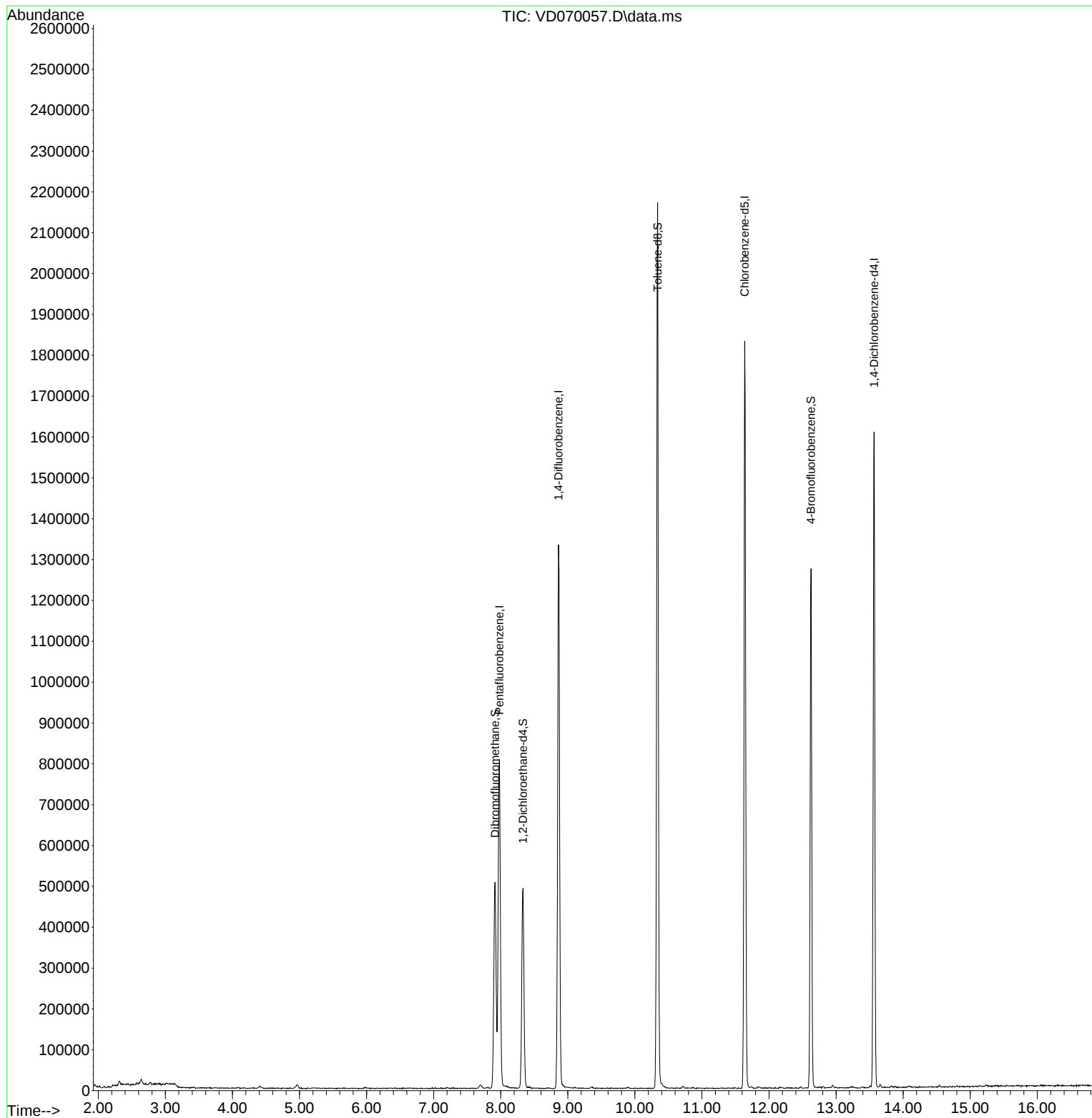
Target Compounds	Qvalue

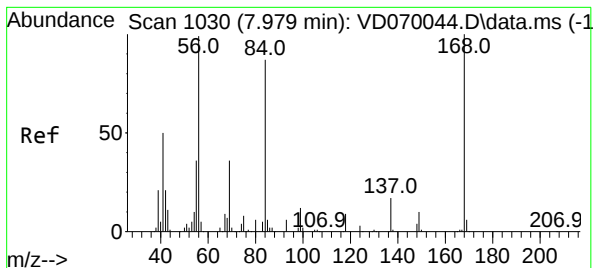
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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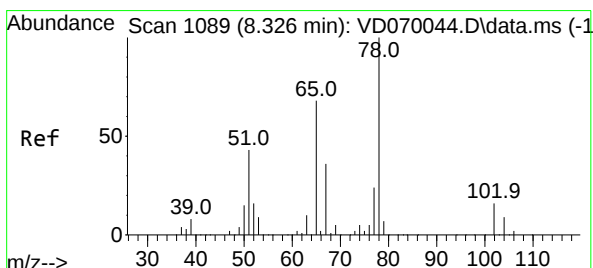
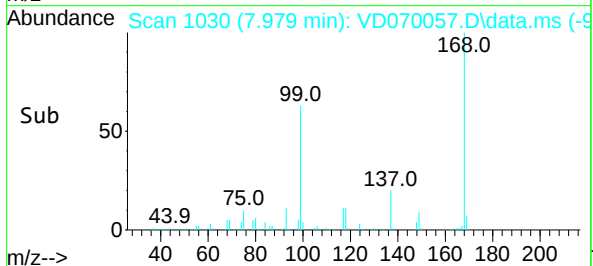
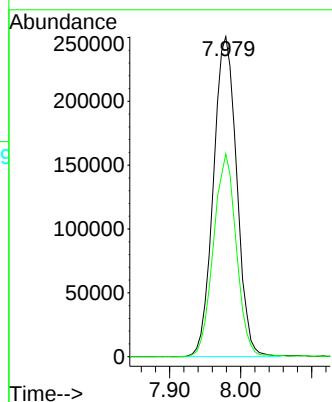
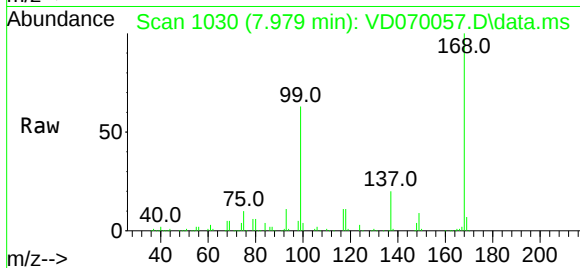




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070057.D
Acq: 13 Aug 2021 18:41

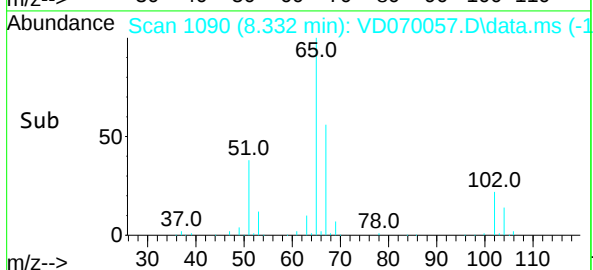
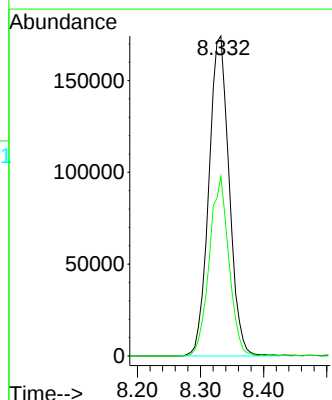
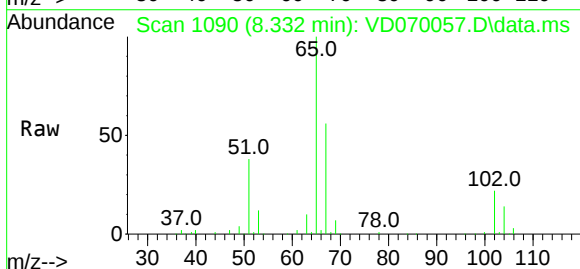
Instrument :
MSVOA_D
ClientSampleId :
SWCS-06-0510

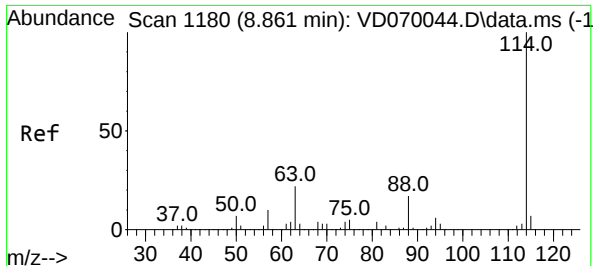
Tgt Ion:168 Resp: 571835
Ion Ratio Lower Upper
168 100
99 63.3 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 57.876 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070057.D
Acq: 13 Aug 2021 18:41

Tgt Ion: 65 Resp: 389254
Ion Ratio Lower Upper
65 100
67 53.9 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: VD070057.D

Acq: 13 Aug 2021 18:41

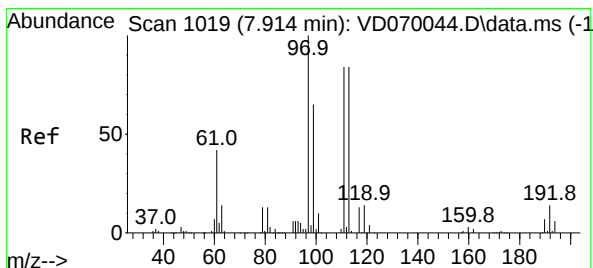
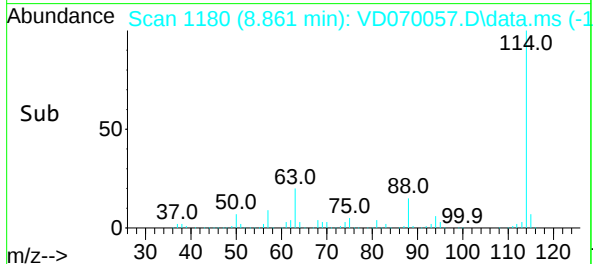
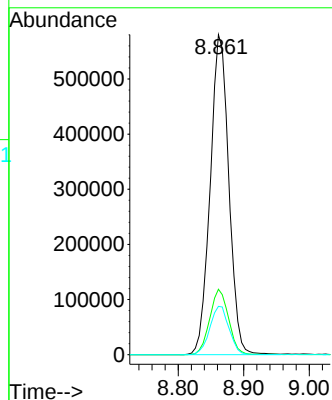
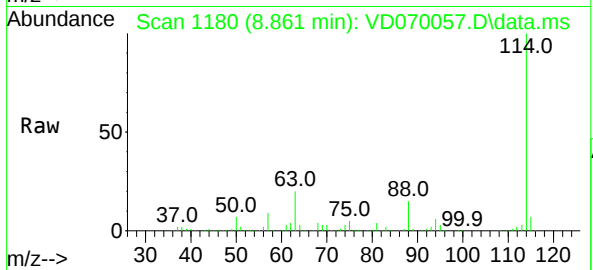
Tgt Ion:114 Resp: 1145785

Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.6

88 15.1 0.0 33.4



#35

Dibromofluoromethane

Concen: 51.704 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD070057.D

Acq: 13 Aug 2021 18:41

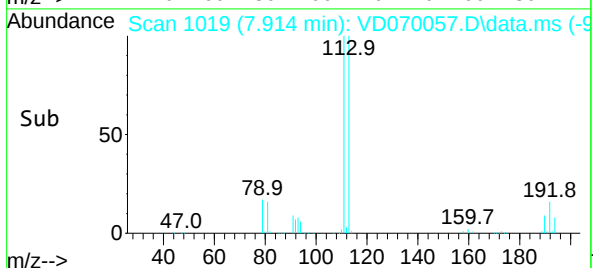
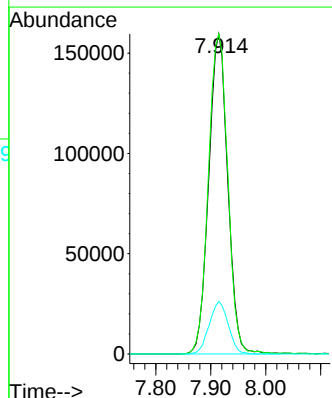
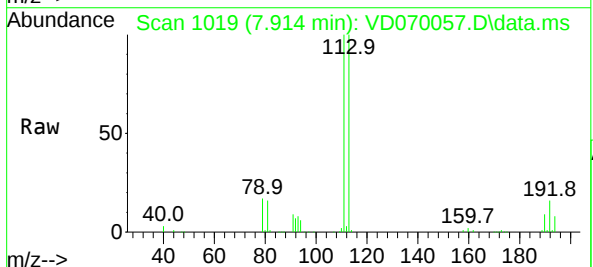
Tgt Ion:113 Resp: 382743

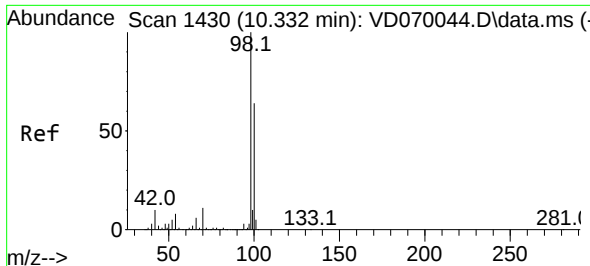
Ion Ratio Lower Upper

113 100

111 102.1 81.8 122.6

192 16.4 13.2 19.8

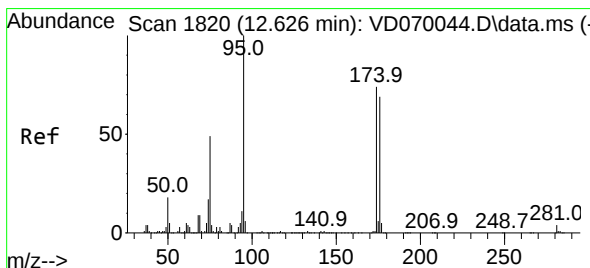
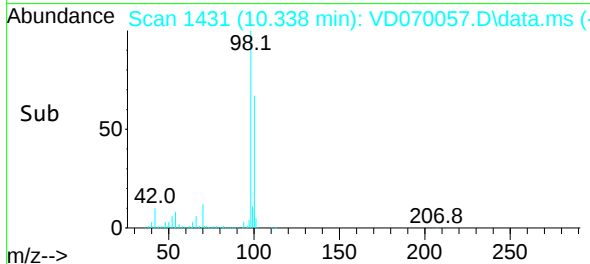
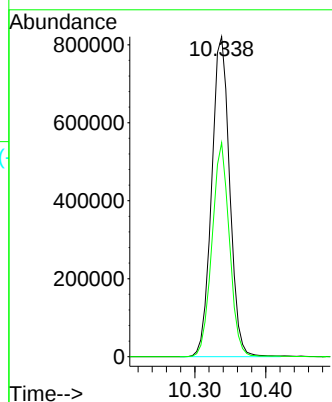
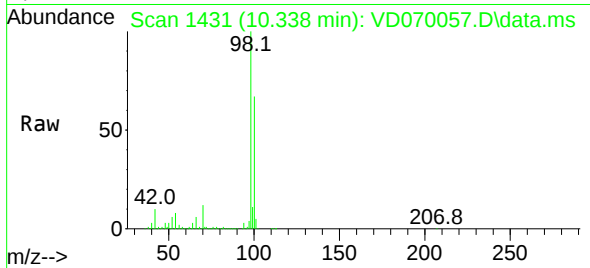




#50
Toluene-d8
Concen: 50.083 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070057.D
Acq: 13 Aug 2021 18:41

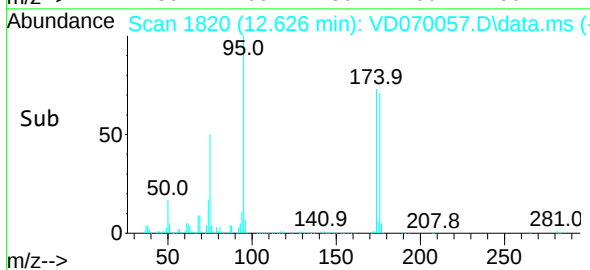
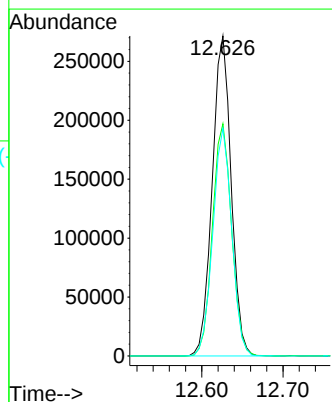
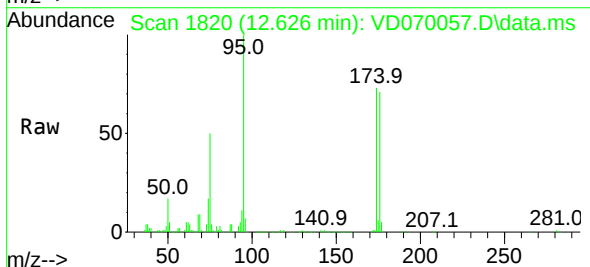
Instrument :
MSVOA_D
ClientSampleId :
SWCS-06-0510

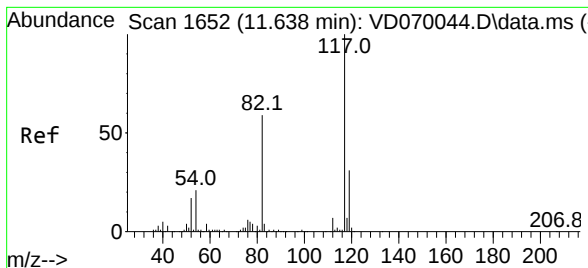
Tgt Ion: 98 Resp: 1441985
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 46.345 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070057.D
Acq: 13 Aug 2021 18:41

Tgt Ion: 95 Resp: 439499
Ion Ratio Lower Upper
95 100
174 73.5 0.0 141.6
176 71.1 0.0 138.2

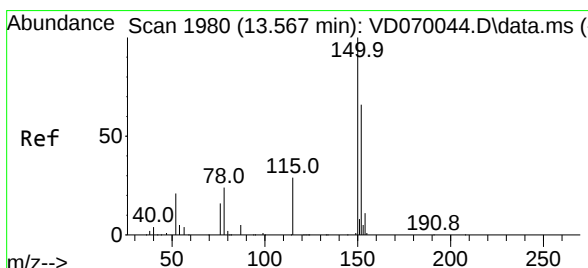
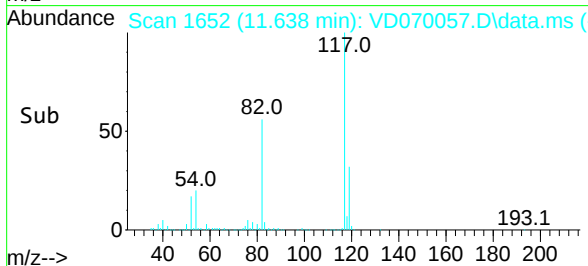
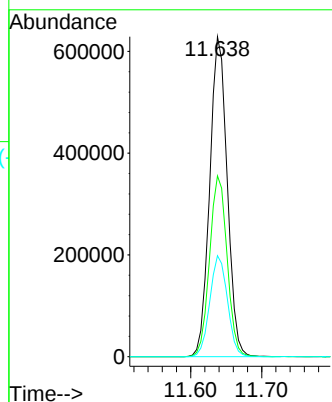
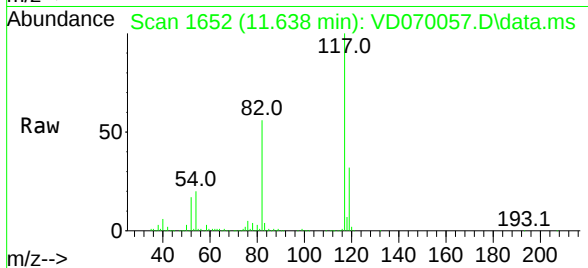




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070057.D
Acq: 13 Aug 2021 18:41

Instrument :
MSVOA_D
ClientSampleId :
SWCS-06-0510

Tgt Ion:117 Resp: 1075039
Ion Ratio Lower Upper
117 100
82 56.5 47.5 71.3
119 31.6 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: VD070057.D
Acq: 13 Aug 2021 18:41

Tgt Ion:152 Resp: 429125
Ion Ratio Lower Upper
152 100
115 61.4 31.2 93.6
150 158.8 0.0 352.0

