

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081921\
 Data File : VD070184.D
 Acq On : 20 Aug 2021 00:52
 Operator : VA/SY
 Sample : M3418-20
 Misc : 8.23G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-13-0205

Quant Time: Aug 20 05:50:08 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	498318	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1042575	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1031787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	435786	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	347169	59.234	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.460%
35) Dibromofluoromethane	7.908	113	334978	49.732	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.460%
50) Toluene-d8	10.338	98	1349112	51.496	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.000%
62) 4-Bromofluorobenzene	12.626	95	441362	51.149	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.300%

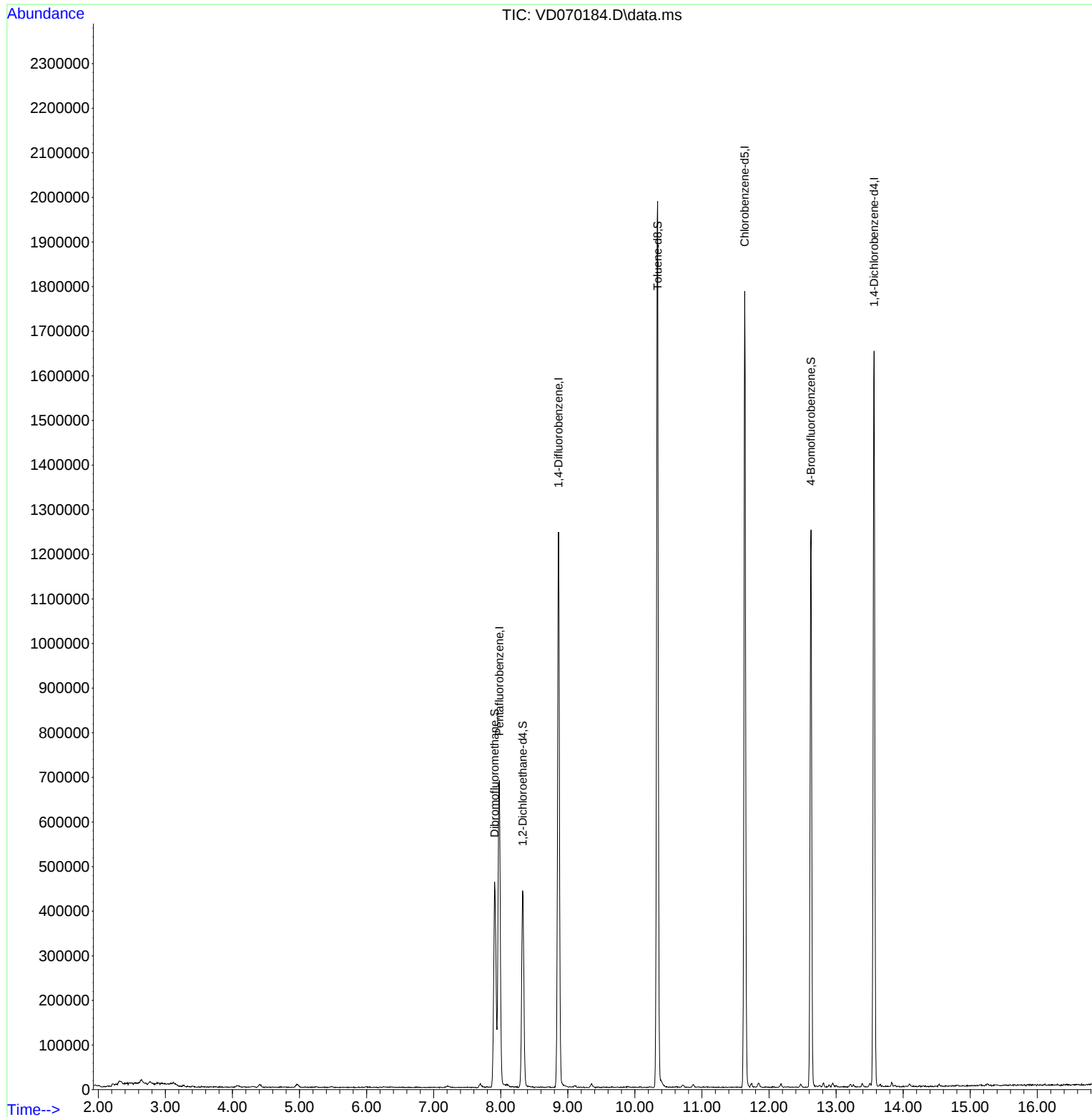
Target Compounds	Qvalue

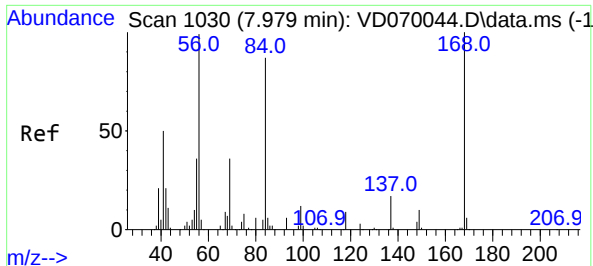
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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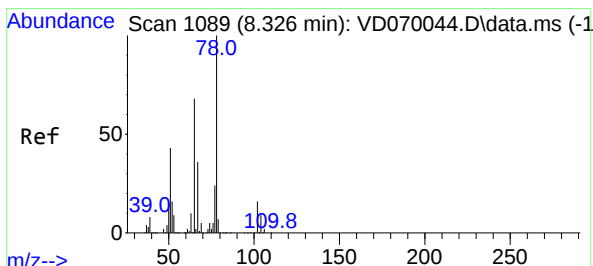
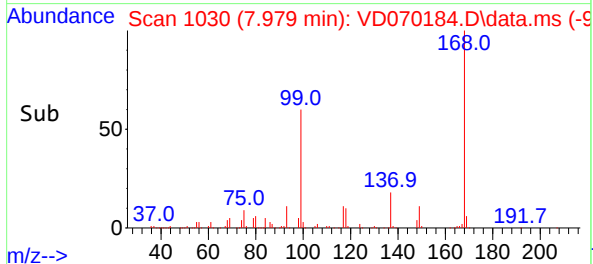
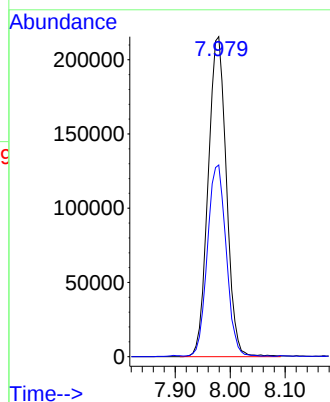
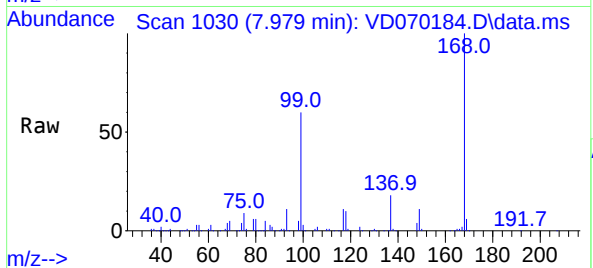




Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. 0.000 min
 Lab File: VD070184.D
 Acq: 20 Aug 2021 00:52

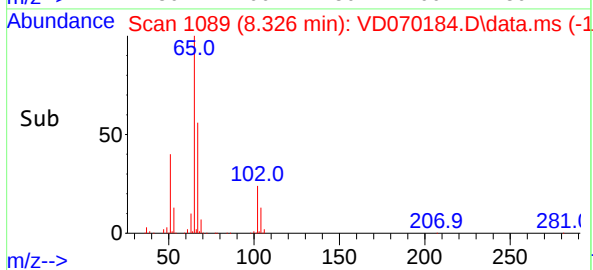
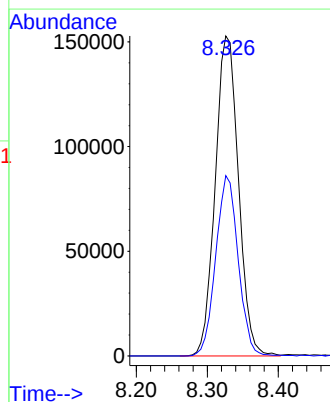
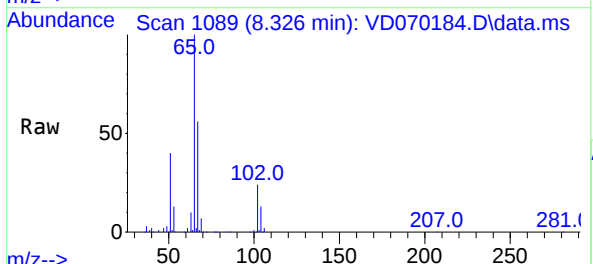
Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-13-0205

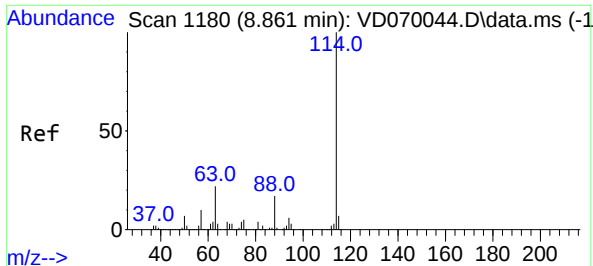
Tgt Ion:168 Resp: 498318
 Ion Ratio Lower Upper
 168 100
 99 59.6 50.3 75.5



1,2-Dichloroethane-d4
 Concen: 59.234 ug/l
 RT: 8.326 min Scan# 1089
 Delta R.T. 0.000 min
 Lab File: VD070184.D
 Acq: 20 Aug 2021 00:52

Tgt Ion: 65 Resp: 347169
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 107.8



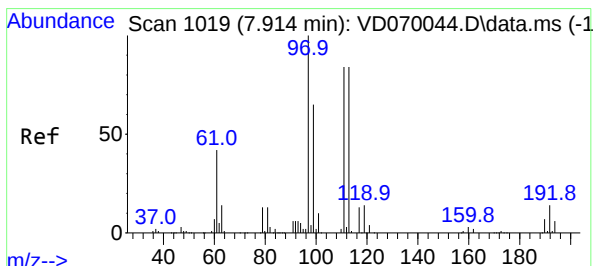
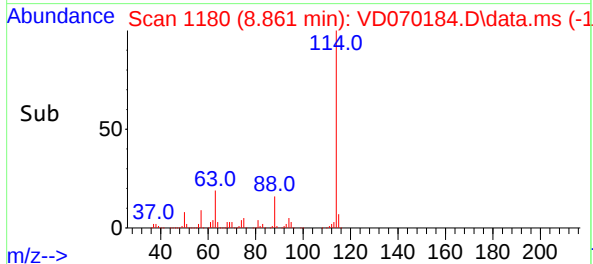
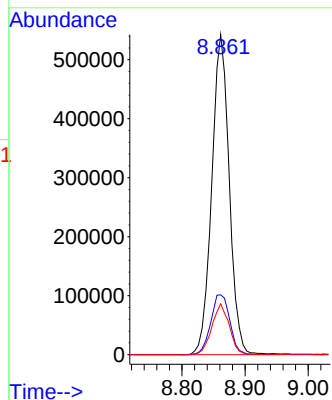
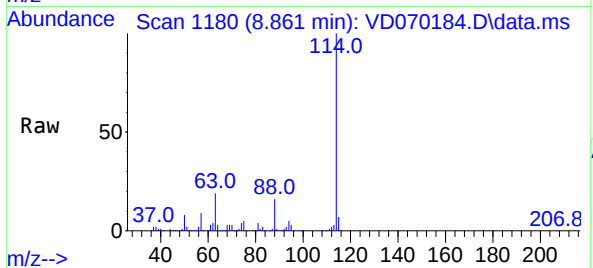


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070184.D
Acq: 20 Aug 2021 00:52

Instrument :
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SWCS-13-0205

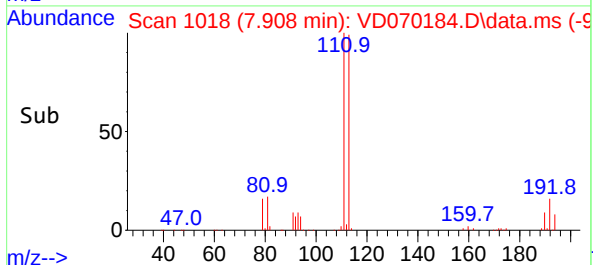
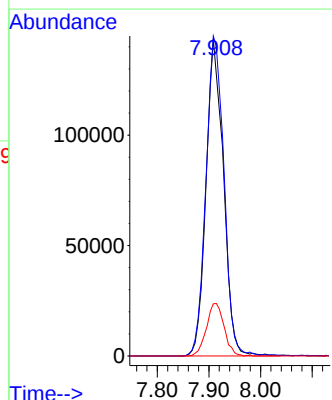
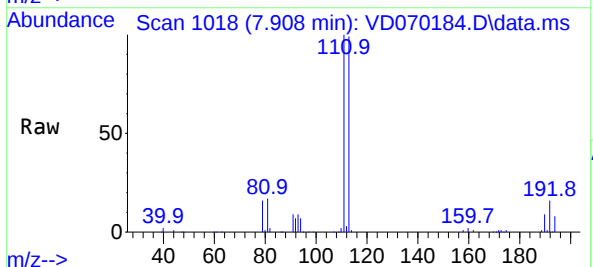
Tgt Ion:114 Resp: 1042575
Ion Ratio Lower Upper
114 100
63 18.7 0.0 43.6
88 15.9 0.0 33.4

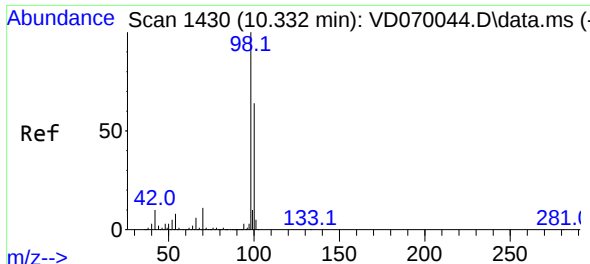


#35

Dibromofluoromethane
Concen: 49.732 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070184.D
Acq: 20 Aug 2021 00:52

Tgt Ion:113 Resp: 334978
Ion Ratio Lower Upper
113 100
111 104.7 81.8 122.6
192 16.9 13.2 19.8

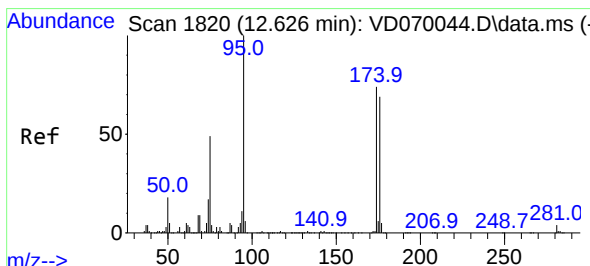
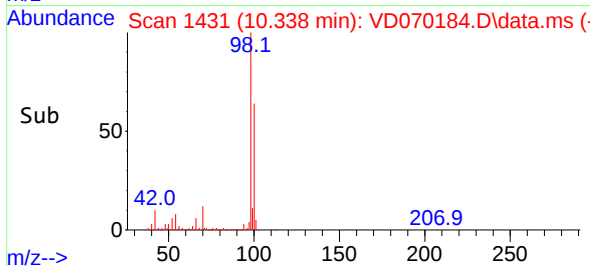
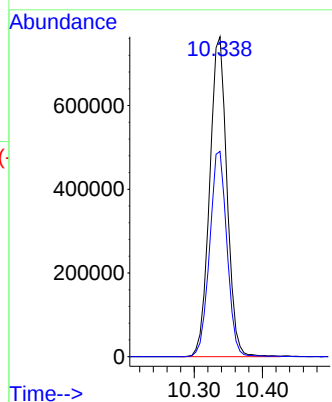
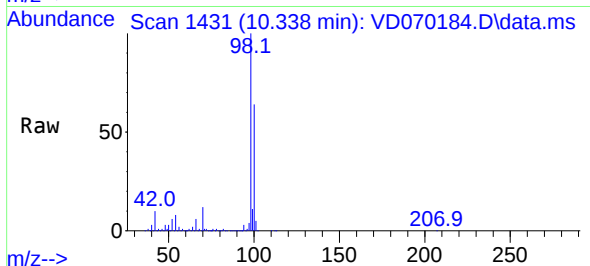




#50
Toluene-d8
Concen: 51.496 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070184.D
Acq: 20 Aug 2021 00:52

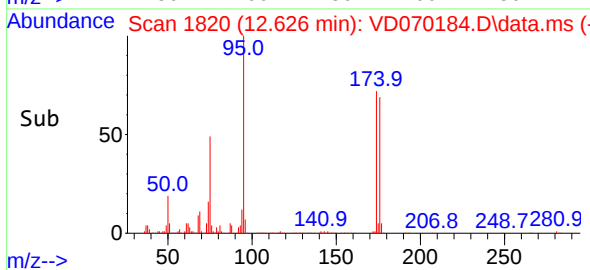
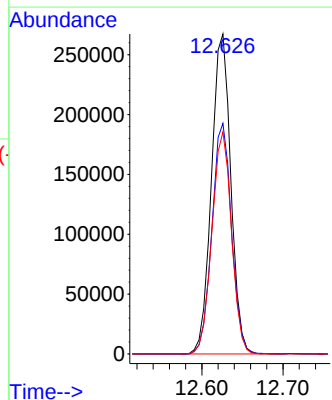
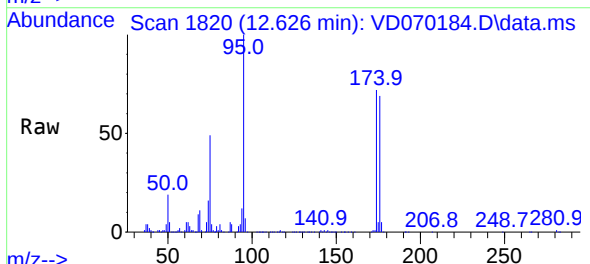
Instrument :
MSVOA_D
ClientSampleId :
SWCS-13-0205

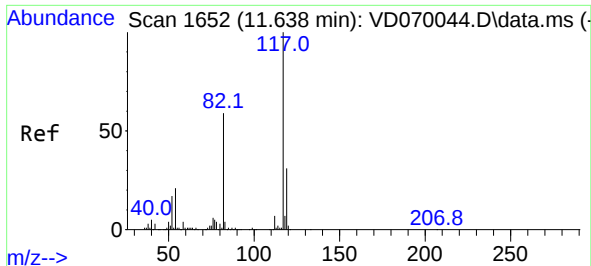
Tgt Ion: 98 Resp: 1349112
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 51.149 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070184.D
Acq: 20 Aug 2021 00:52

Tgt Ion: 95 Resp: 441362
Ion Ratio Lower Upper
95 100
174 73.3 0.0 141.6
176 70.1 0.0 138.2

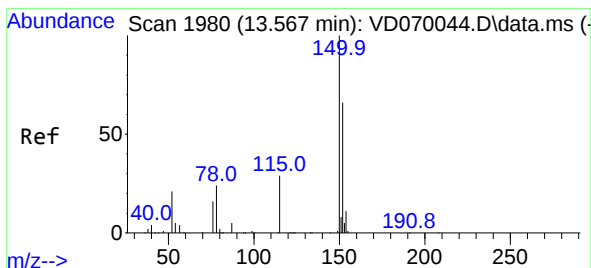
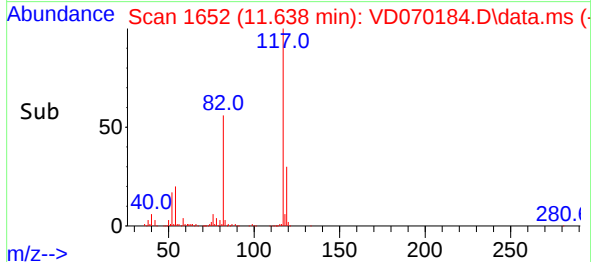
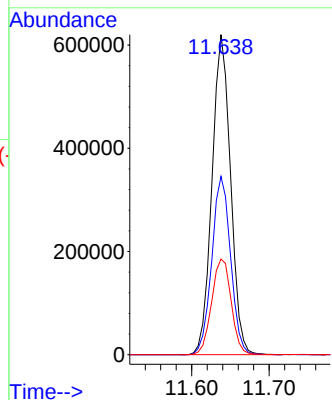
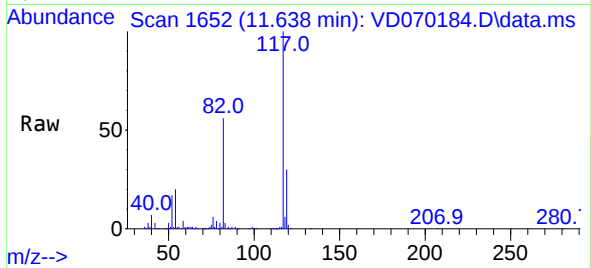




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070184.D
Acq: 20 Aug 2021 00:52

Instrument :
MSVOA_D
ClientSampleId :
SWCS-13-0205

Tgt Ion:117 Resp: 1031787
Ion Ratio Lower Upper
117 100
82 55.7 47.5 71.3
119 29.9 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: VD070184.D
Acq: 20 Aug 2021 00:52

Tgt Ion:152 Resp: 435786
Ion Ratio Lower Upper
152 100
115 61.3 31.2 93.6
150 156.7 0.0 352.0

