

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082021\
 Data File : VD070199.D
 Acq On : 20 Aug 2021 13:25
 Operator : VA/SY
 Sample : M3418-18
 Misc : 11.63G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-12-1015

Quant Time: Aug 23 03:52:21 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	567207	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1097810	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1057882	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	459406	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	358929	53.802	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.600%
35) Dibromofluoromethane	7.908	113	358839	50.594	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.180%
50) Toluene-d8	10.338	98	1401633	50.809	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.620%
62) 4-Bromofluorobenzene	12.626	95	465002	51.177	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.360%

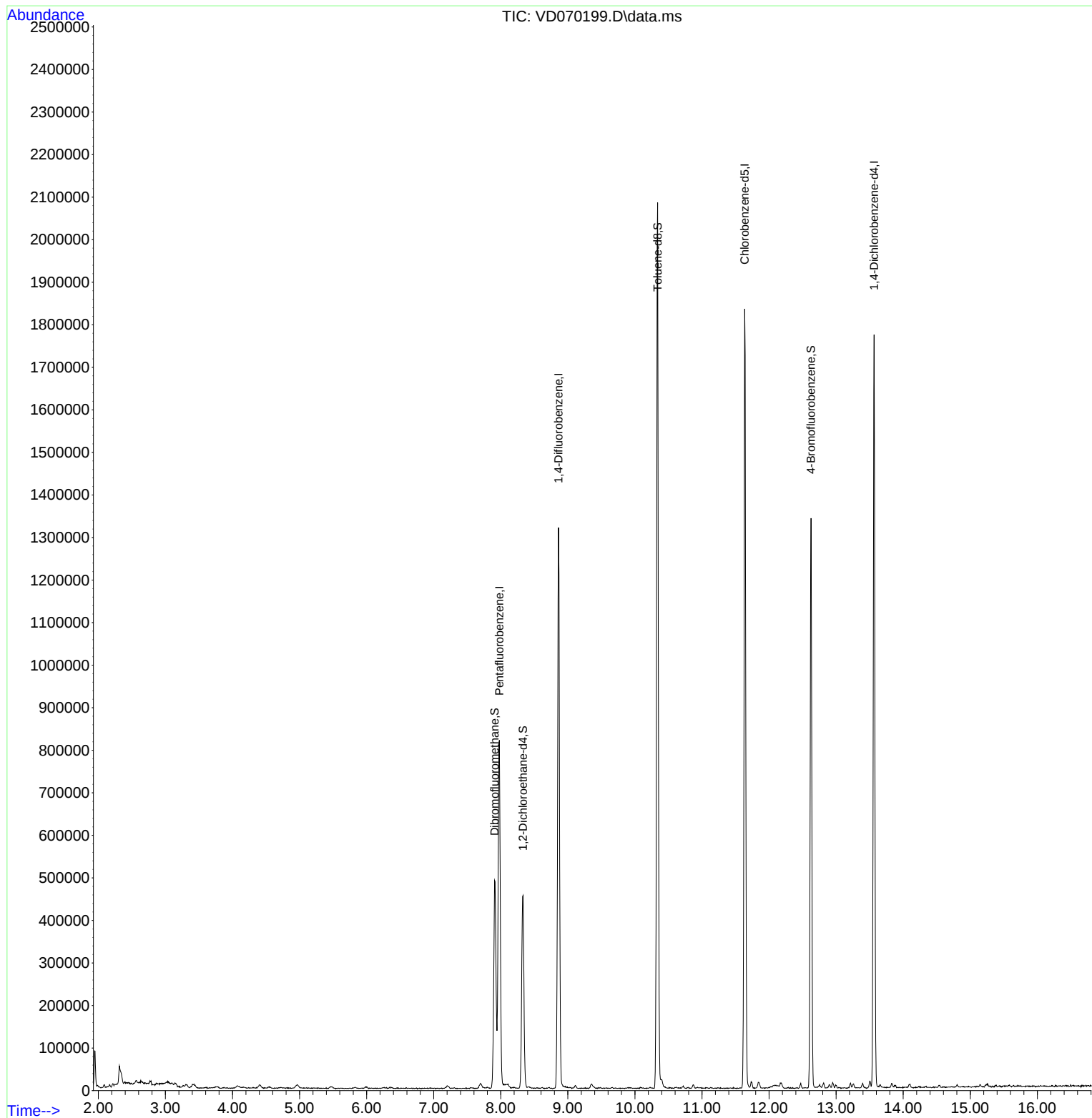
Target Compounds	Qvalue

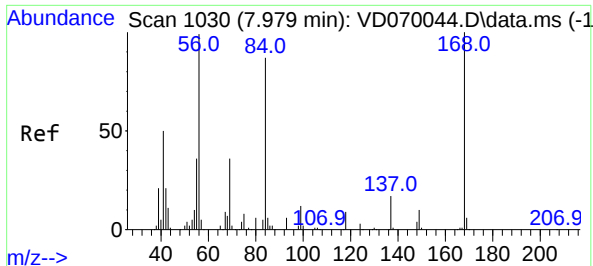
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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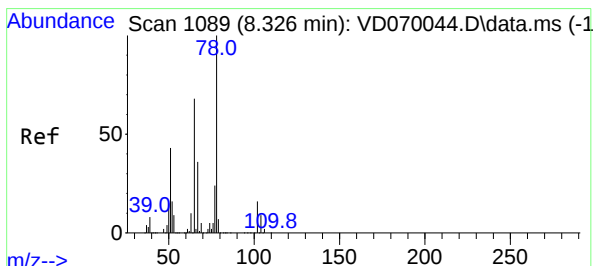
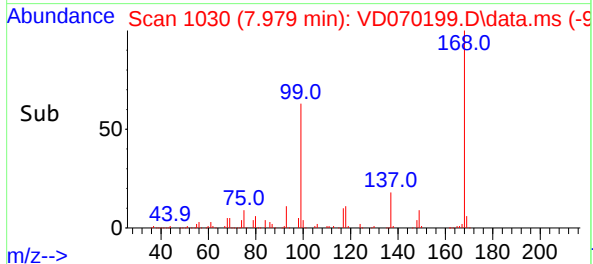
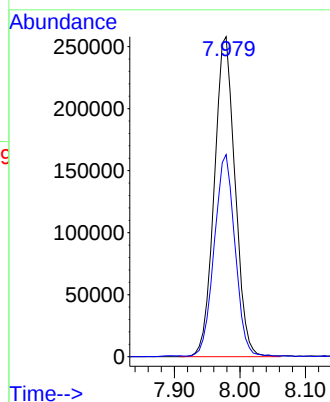
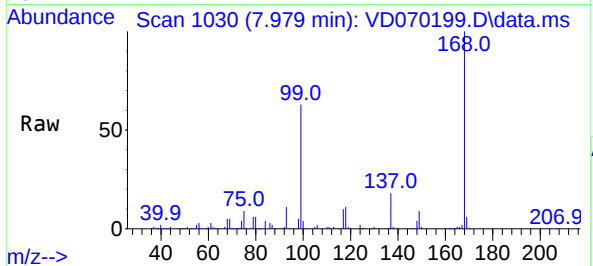




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070199.D
Acq: 20 Aug 2021 13:25

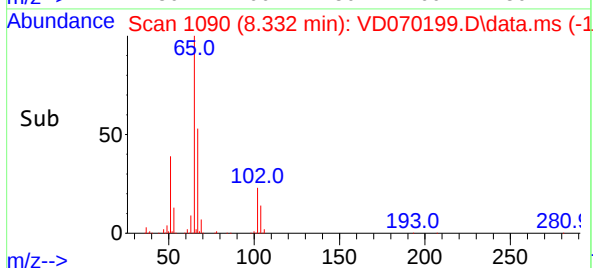
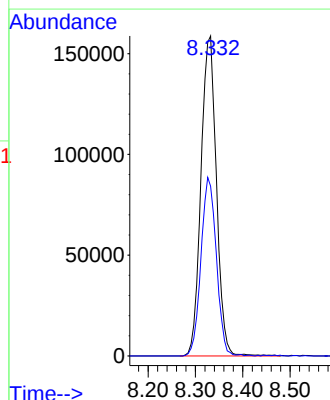
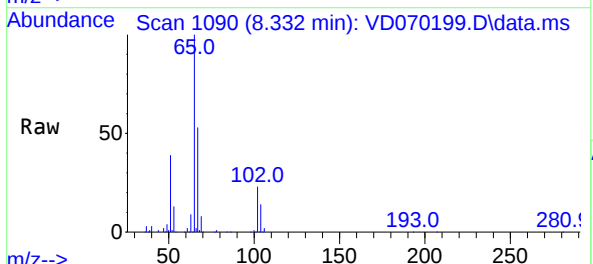
Instrument :
MSVOA_D
ClientSampleId :
SWCS-12-1015

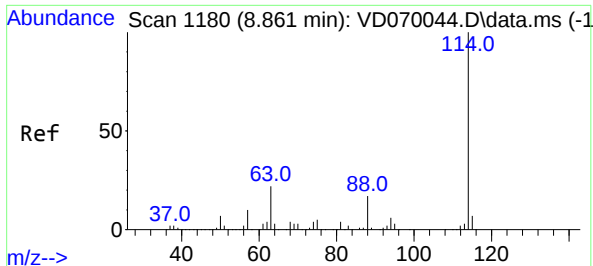
Tgt Ion:168 Resp: 567207
Ion Ratio Lower Upper
168 100
99 62.9 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 53.802 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070199.D
Acq: 20 Aug 2021 13:25

Tgt Ion: 65 Resp: 358929
Ion Ratio Lower Upper
65 100
67 55.6 0.0 107.8



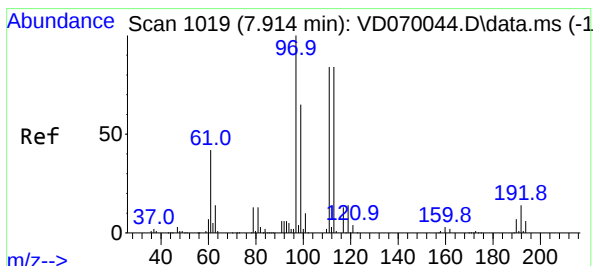
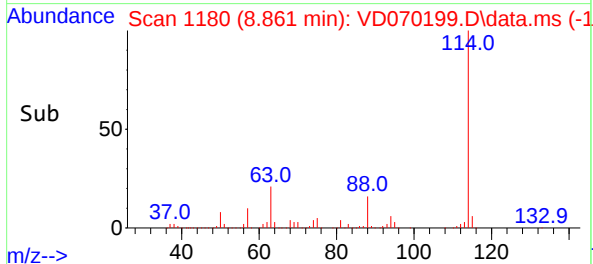
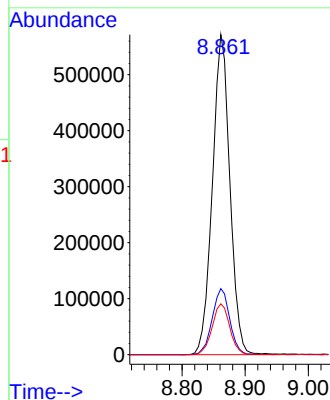
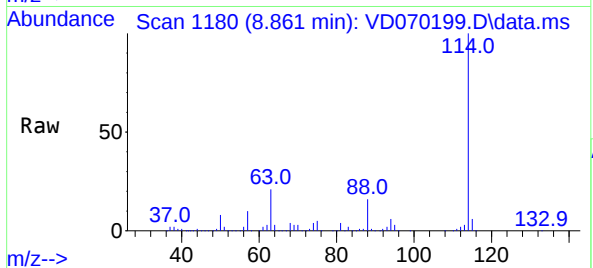


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070199.D
Acq: 20 Aug 2021 13:25

Instrument :
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ClientSampleId :
SWCS-12-1015

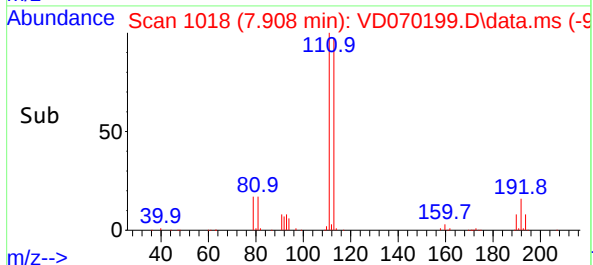
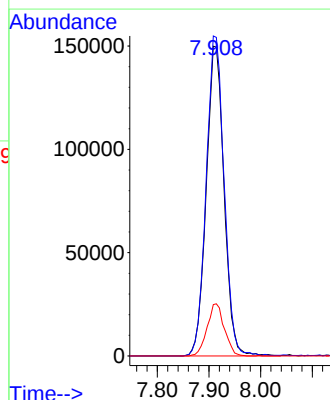
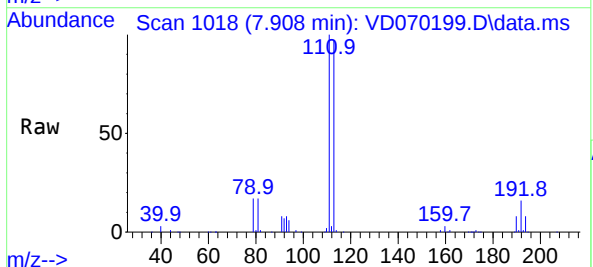
Tgt Ion:114 Resp: 1097810
Ion Ratio Lower Upper
114 100
63 20.7 0.0 43.6
88 15.9 0.0 33.4

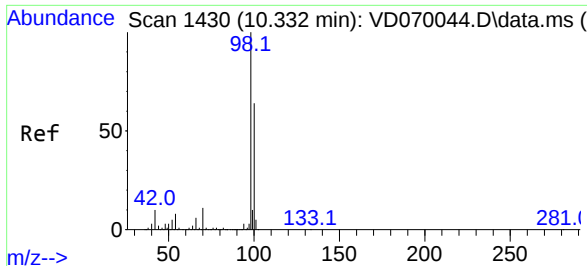


#35

Dibromofluoromethane
Concen: 50.594 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070199.D
Acq: 20 Aug 2021 13:25

Tgt Ion:113 Resp: 358839
Ion Ratio Lower Upper
113 100
111 103.7 81.8 122.6
192 16.3 13.2 19.8

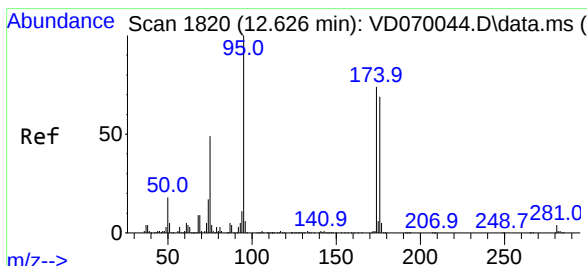
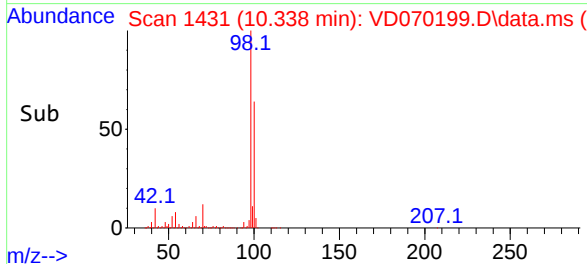
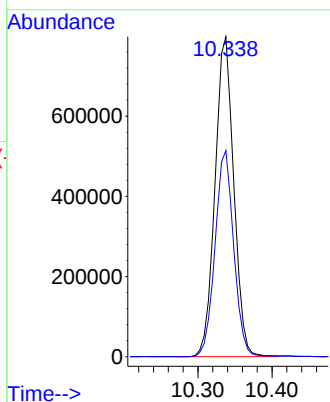
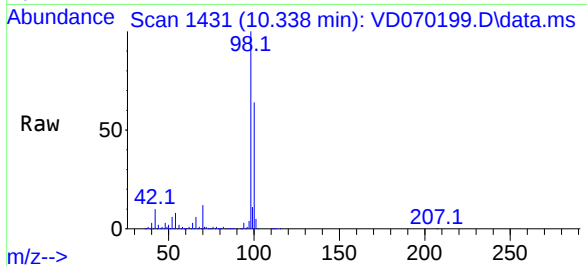




#50
Toluene-d8
Concen: 50.809 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070199.D
Acq: 20 Aug 2021 13:25

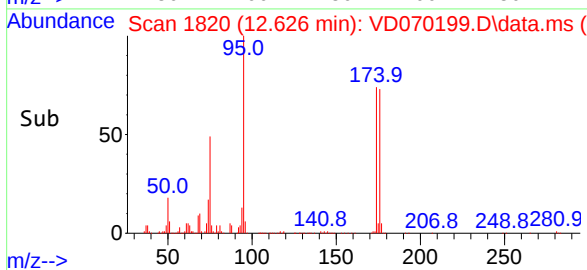
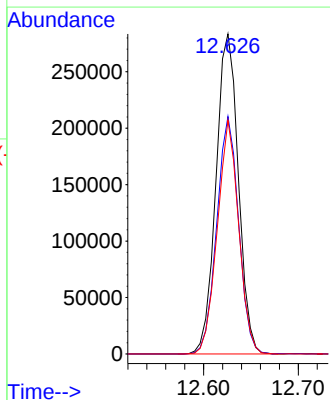
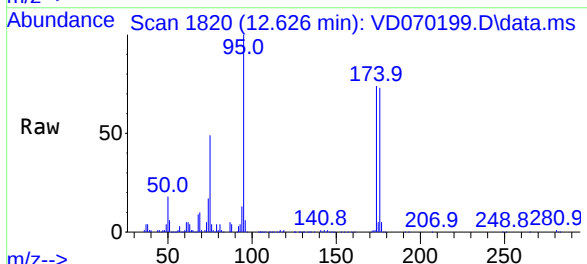
Instrument :
MSVOA_D
ClientSampleId :
SWCS-12-1015

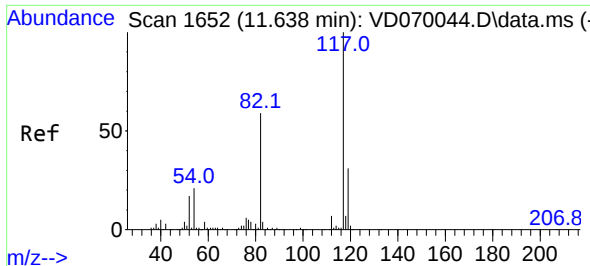
Tgt Ion: 98 Resp: 1401633
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 51.177 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070199.D
Acq: 20 Aug 2021 13:25

Tgt Ion: 95 Resp: 465002
Ion Ratio Lower Upper
95 100
174 72.7 0.0 141.6
176 69.6 0.0 138.2

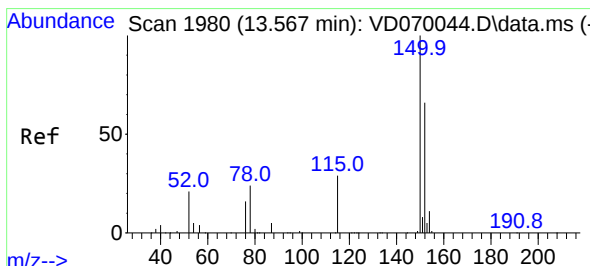
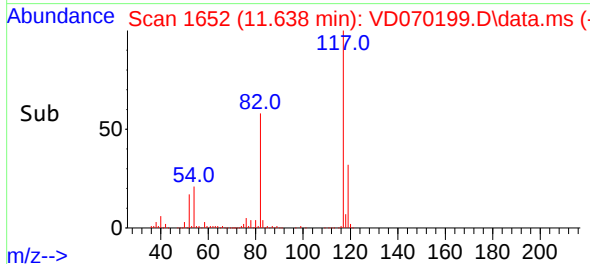
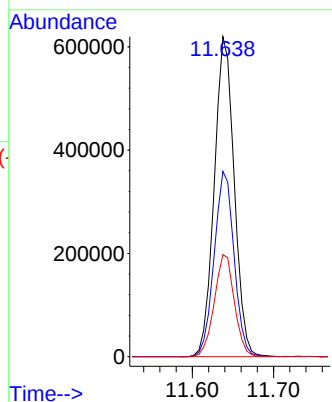
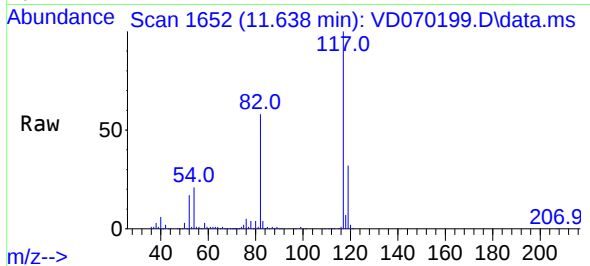




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070199.D
Acq: 20 Aug 2021 13:25

Instrument :
MSVOA_D
ClientSampleId :
SWCS-12-1015

Tgt Ion:117 Resp: 1057882
Ion Ratio Lower Upper
117 100
82 57.9 47.5 71.3
119 31.9 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: VD070199.D
Acq: 20 Aug 2021 13:25

Tgt Ion:152 Resp: 459406
Ion Ratio Lower Upper
152 100
115 61.1 31.2 93.6
150 157.1 0.0 352.0

