

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101221\
 Data File : VD070686.D
 Acq On : 12 Oct 2021 18:26
 Operator : VA/SY
 Sample : M4150-01
 Misc : 5.81G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FDR-20211007-WC

Quant Time: Oct 13 06:38:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	452137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	855048	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	758743	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	290502	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	217757	40.92	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.84%
35) Dibromofluoromethane	7.914	113	262390	46.16	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.32%
50) Toluene-d8	10.332	98	1067101	49.10	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.20%
62) 4-Bromofluorobenzene	12.620	95	334746	46.09	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.18%

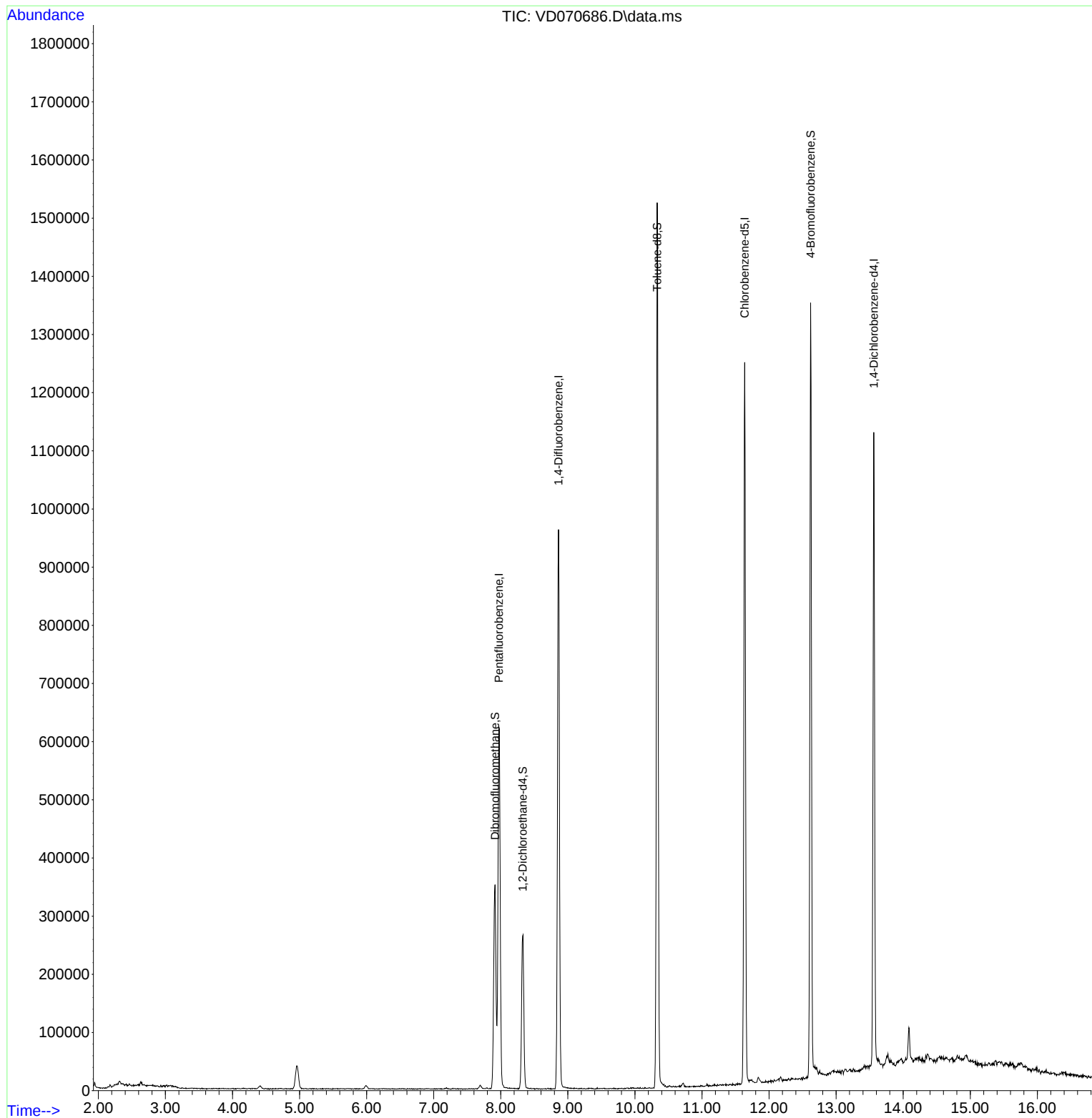
Target Compounds	Qvalue

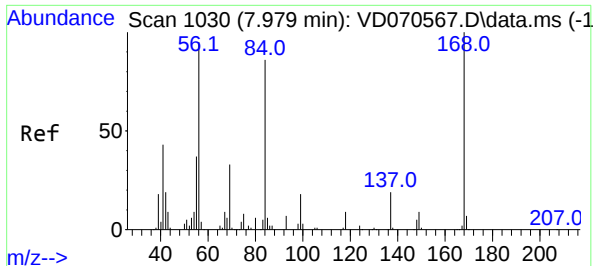
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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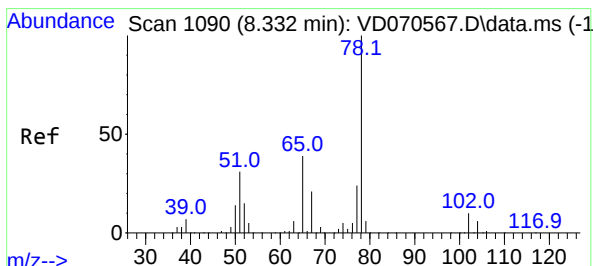
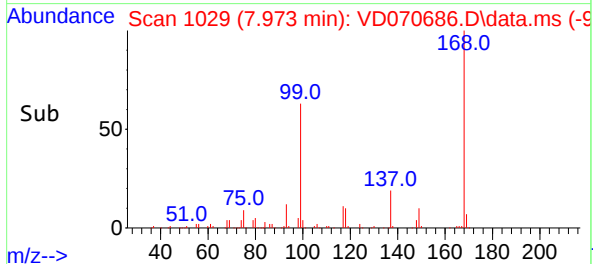
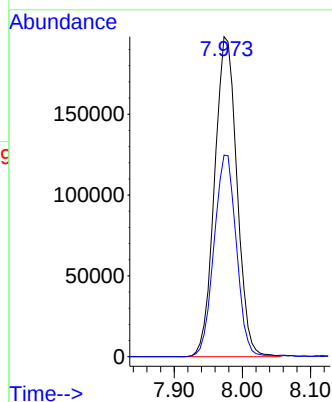
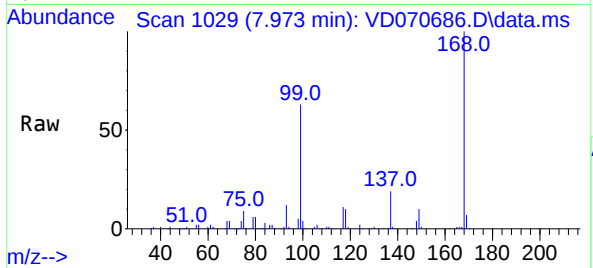




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070686.D
Acq: 12 Oct 2021 18:26

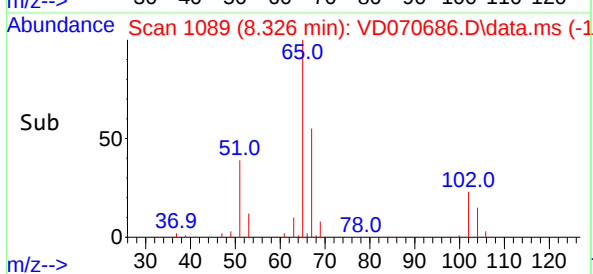
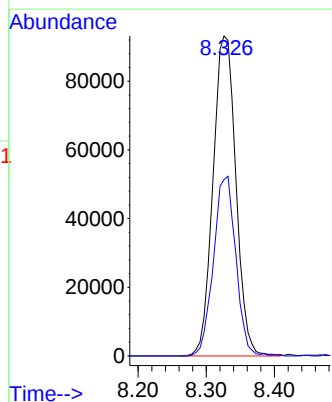
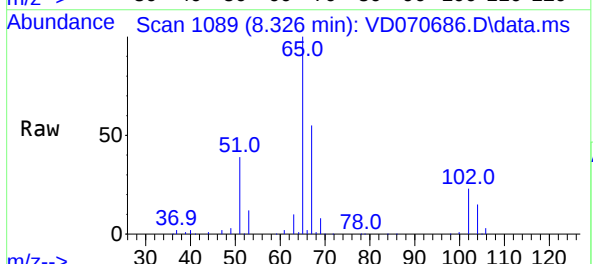
Instrument :
MSVOA_D
ClientSampleId :
FDR-20211007-WC

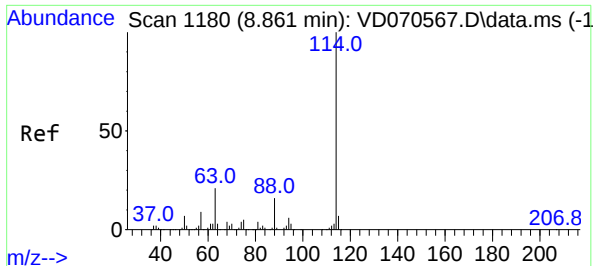
Tgt Ion:168 Resp: 452137
Ion Ratio Lower Upper
168 100
99 63.0 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 40.92 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070686.D
Acq: 12 Oct 2021 18:26

Tgt Ion: 65 Resp: 217757
Ion Ratio Lower Upper
65 100
67 54.7 0.0 110.2



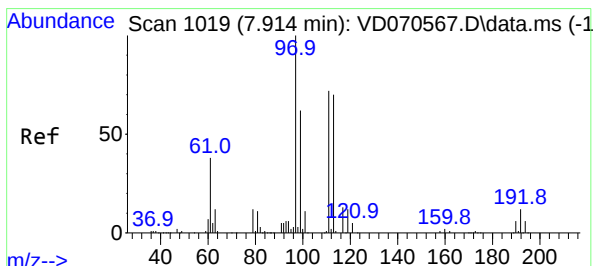
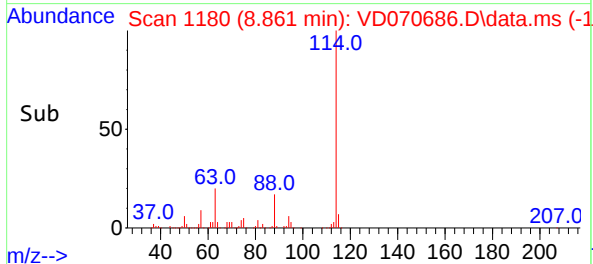
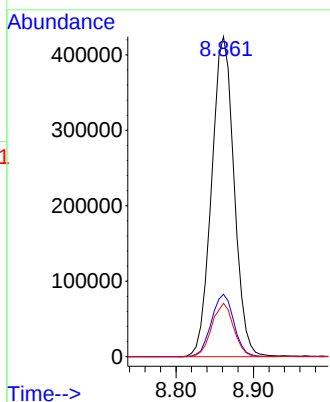
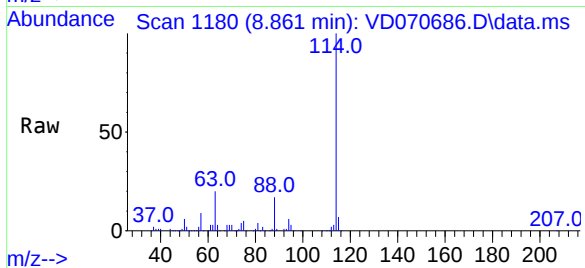


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070686.D
Acq: 12 Oct 2021 18:26

Instrument :
MSVOA_D
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FDR-20211007-WC

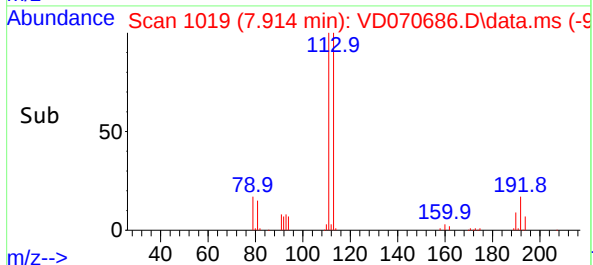
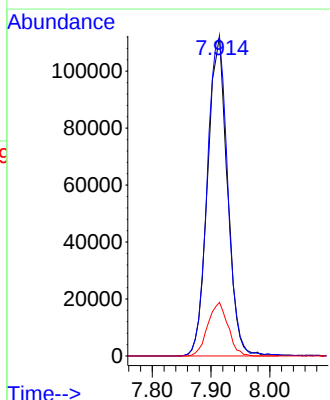
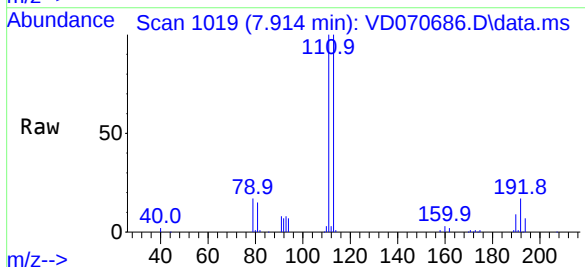
Tgt Ion:114 Resp: 855048
Ion Ratio Lower Upper
114 100
63 19.5 0.0 41.8
88 16.7 0.0 32.6

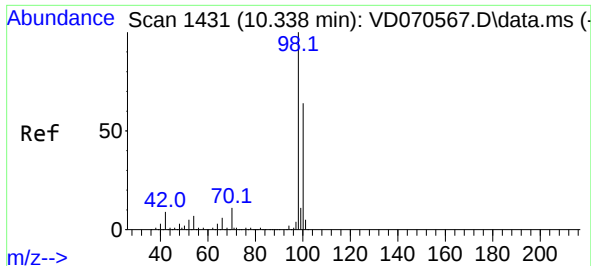


#35

Dibromofluoromethane
Concen: 46.16 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070686.D
Acq: 12 Oct 2021 18:26

Tgt Ion:113 Resp: 262390
Ion Ratio Lower Upper
113 100
111 103.5 83.1 124.7
192 17.1 12.7 19.1

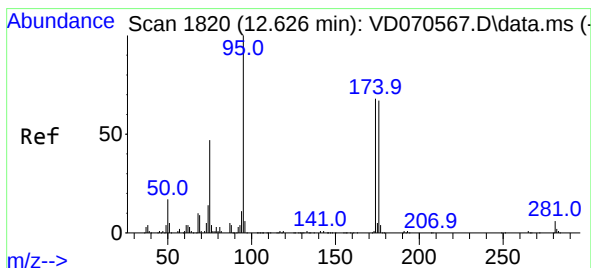
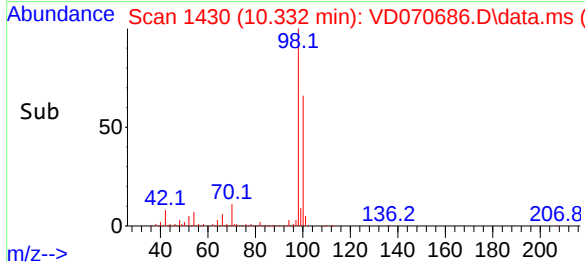
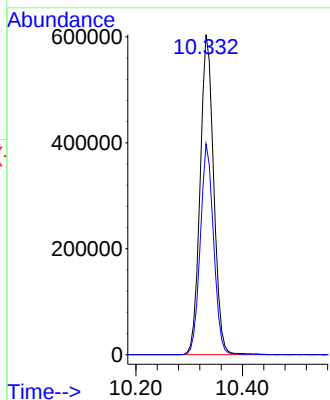
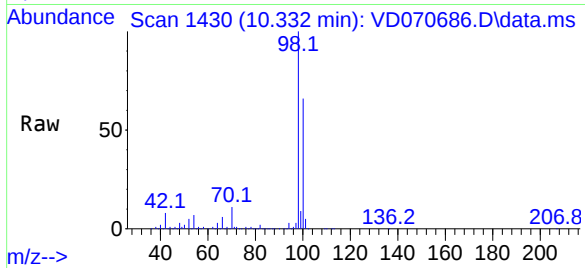




#50
Toluene-d8
Concen: 49.10 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070686.D
Acq: 12 Oct 2021 18:26

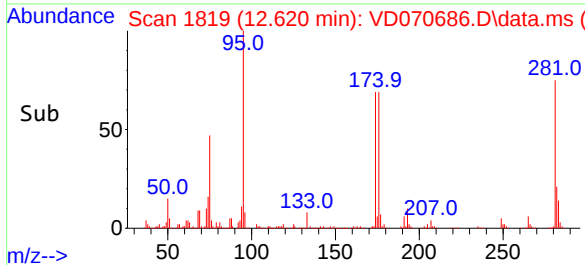
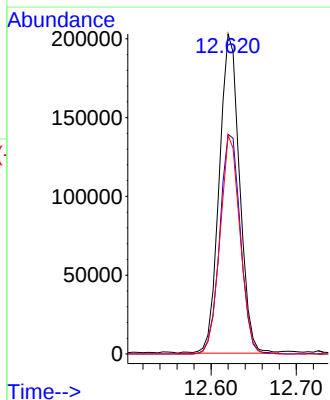
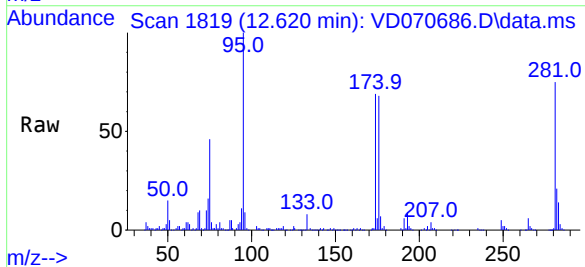
Instrument :
MSVOA_D
ClientSampleId :
FDR-20211007-WC

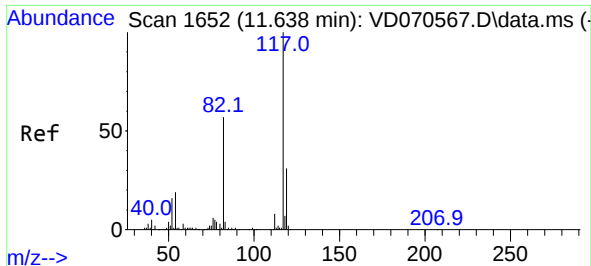
Tgt Ion: 98 Resp: 1067101
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 46.09 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070686.D
Acq: 12 Oct 2021 18:26

Tgt Ion: 95 Resp: 334746
Ion Ratio Lower Upper
95 100
174 70.1 0.0 138.0
176 67.6 0.0 135.6

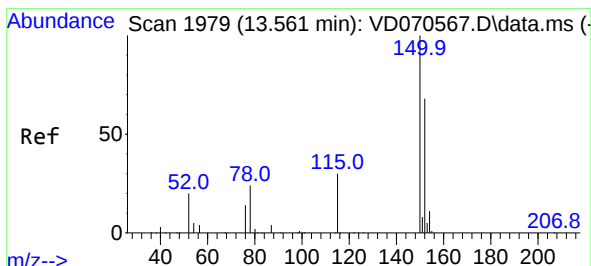
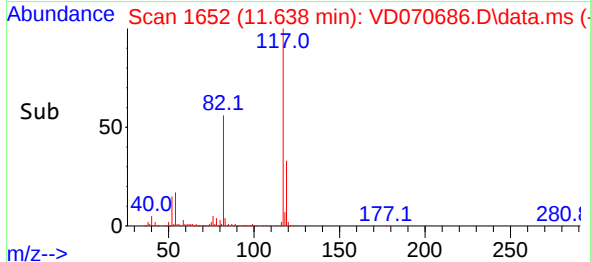
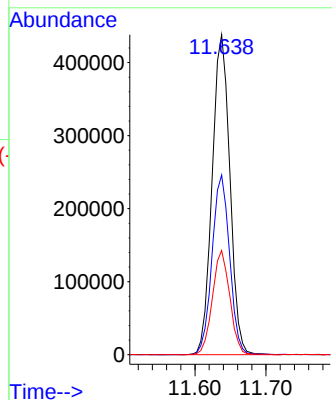
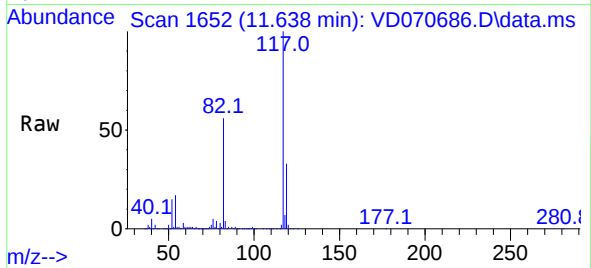




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070686.D
Acq: 12 Oct 2021 18:26

Instrument :
MSVOA_D
ClientSampleId :
FDR-20211007-WC

Tgt Ion:117 Resp: 758743
Ion Ratio Lower Upper
117 100
82 56.1 45.4 68.2
119 32.5 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070686.D
Acq: 12 Oct 2021 18:26

Tgt Ion:152 Resp: 290502
Ion Ratio Lower Upper
152 100
115 61.9 31.9 95.7
150 158.7 0.0 350.0

