

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102821\
 Data File : VD070896.D
 Acq On : 28 Oct 2021 17:19
 Operator : VA/SY
 Sample : M4395-04
 Misc : 2.85G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-FFD

Quant Time: Oct 29 06:35:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	651064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1105892	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1022679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	459162	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	268592	41.018	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.040%
35) Dibromofluoromethane	7.908	113	333924	45.795	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.600%
50) Toluene-d8	10.332	98	1367306	49.842	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.680%
62) 4-Bromofluorobenzene	12.620	95	438389	48.434	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.860%

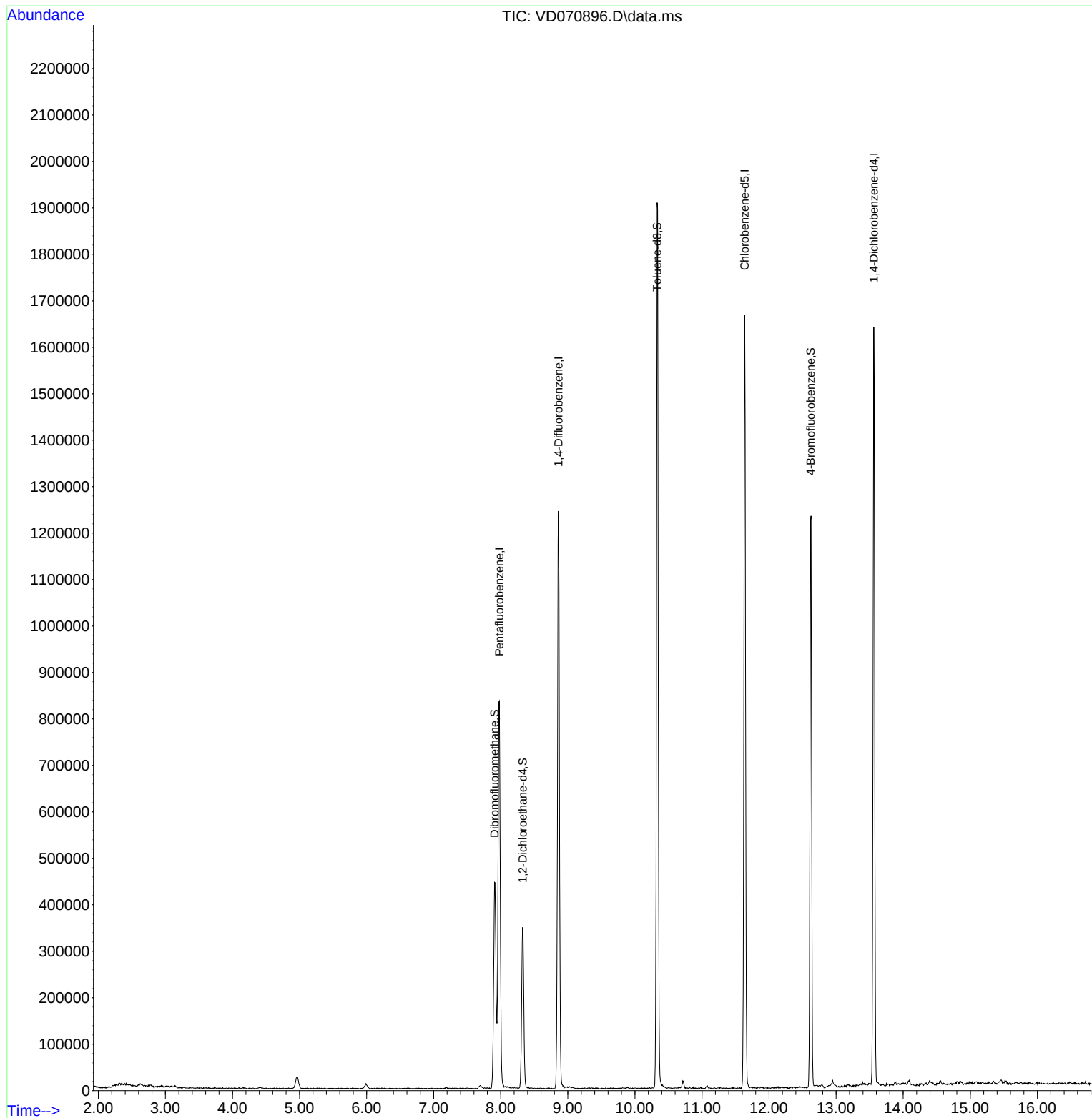
Target Compounds	Qvalue

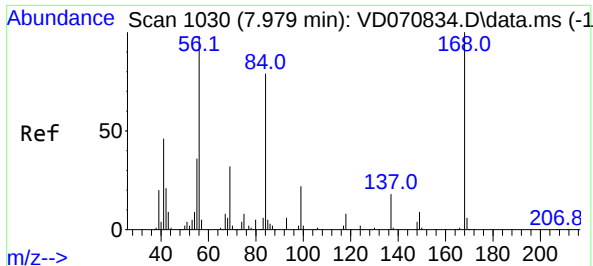
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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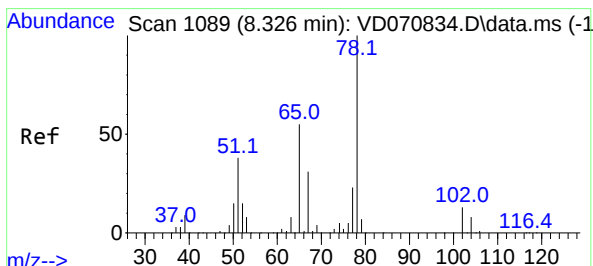
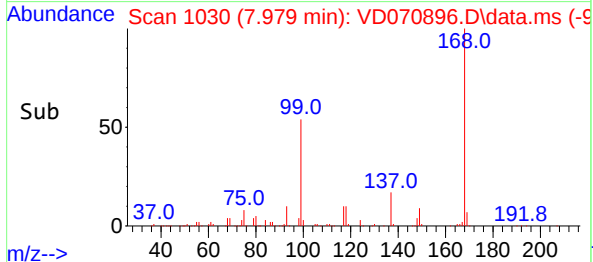
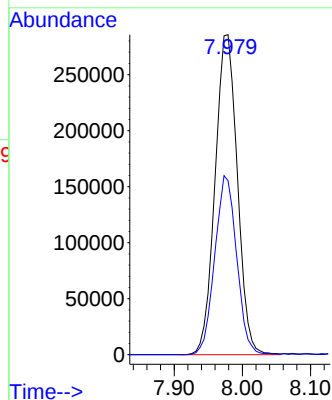
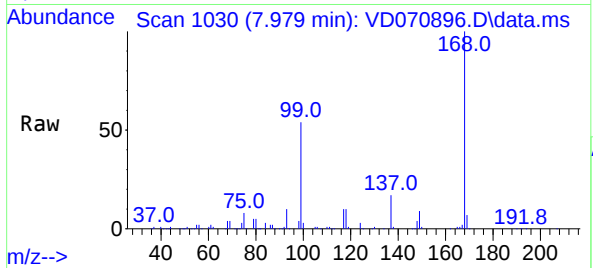




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070896.D
Acq: 28 Oct 2021 17:19

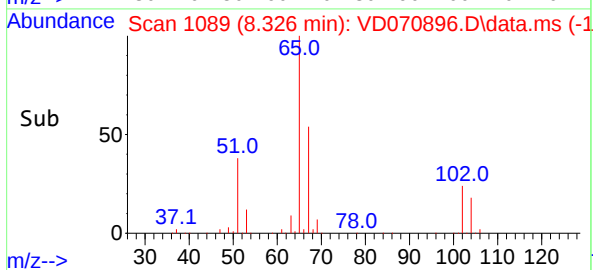
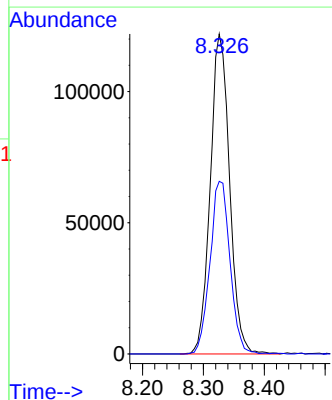
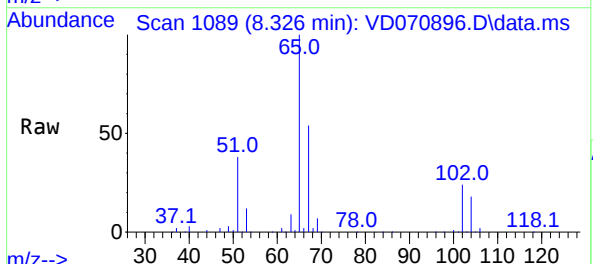
Instrument :
MSVOA_D
ClientSampleId :
MH-FFD

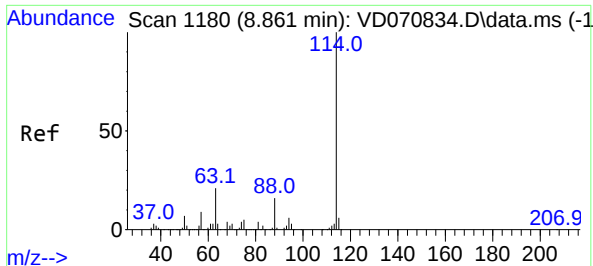
Tgt Ion:168 Resp: 651064
Ion Ratio Lower Upper
168 100
99 54.4 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 41.018 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070896.D
Acq: 28 Oct 2021 17:19

Tgt Ion: 65 Resp: 268592
Ion Ratio Lower Upper
65 100
67 55.8 0.0 112.2



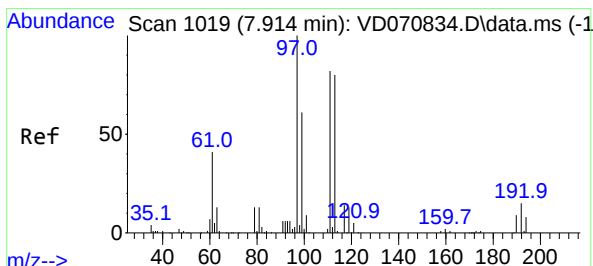
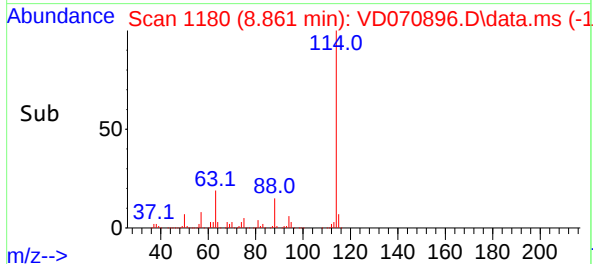
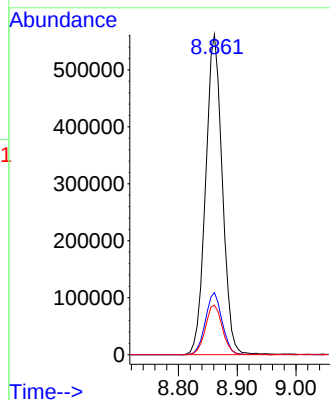
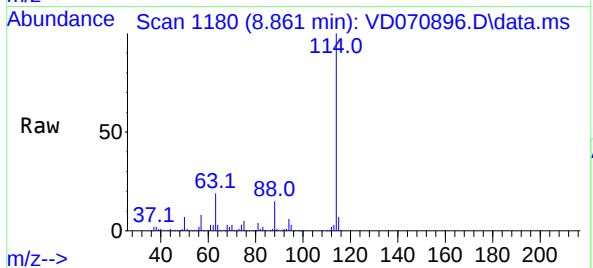


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070896.D
Acq: 28 Oct 2021 17:19

Instrument :
MSVOA_D
ClientSampleId :
MH-FFD

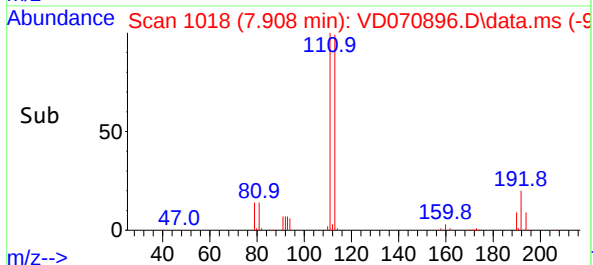
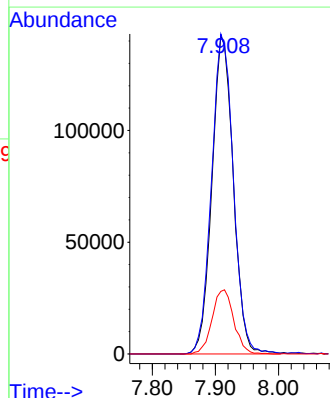
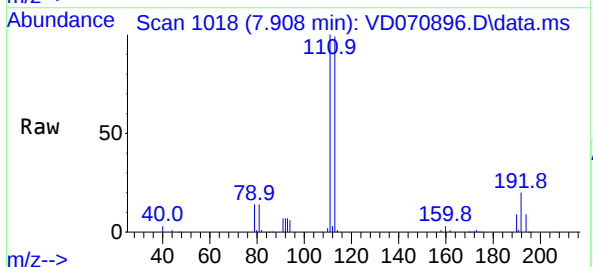
Tgt Ion:114 Resp: 1105892
Ion Ratio Lower Upper
114 100
63 19.4 0.0 41.8
88 15.5 0.0 32.8

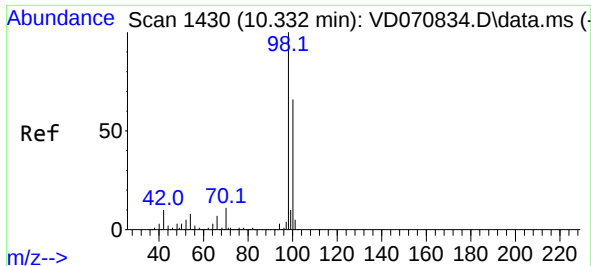


#35

Dibromofluoromethane
Concen: 45.795 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070896.D
Acq: 28 Oct 2021 17:19

Tgt Ion:113 Resp: 333924
Ion Ratio Lower Upper
113 100
111 103.2 82.0 123.0
192 20.5 15.2 22.8

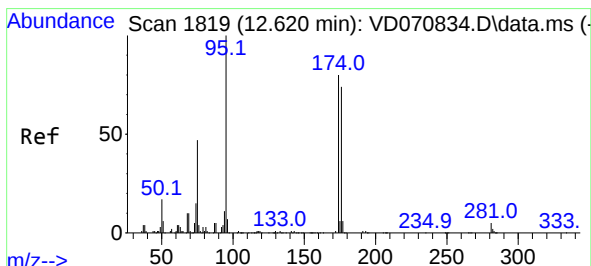
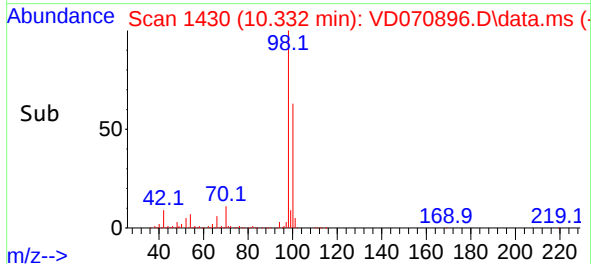
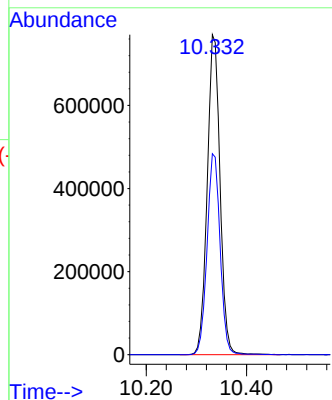
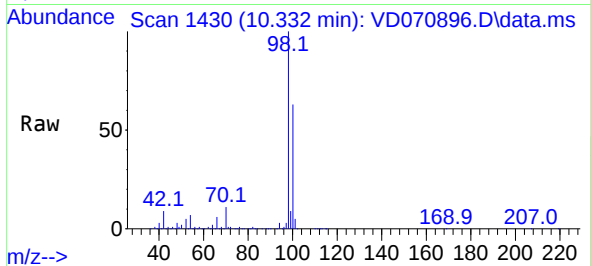




#50
Toluene-d8
Concen: 49.842 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070896.D
Acq: 28 Oct 2021 17:19

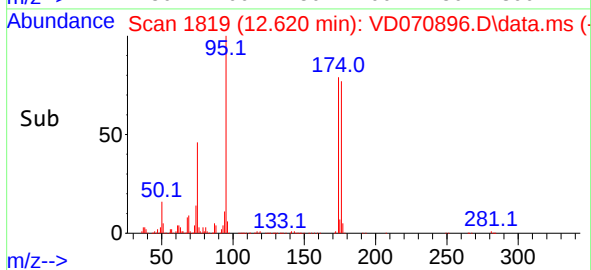
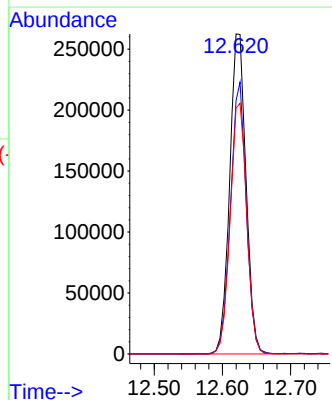
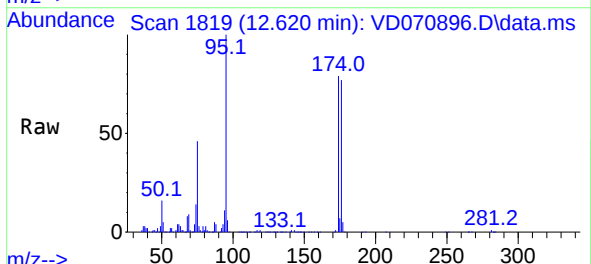
Instrument :
MSVOA_D
ClientSampleId :
MH-FFD

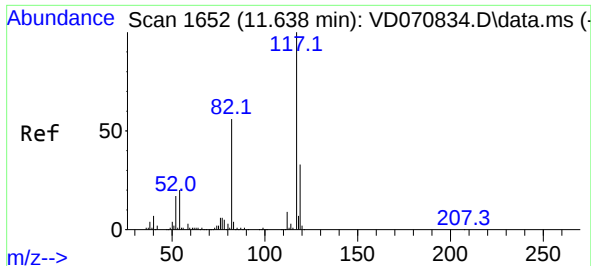
Tgt Ion: 98 Resp: 1367306
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 48.434 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD070896.D
Acq: 28 Oct 2021 17:19

Tgt Ion: 95 Resp: 438389
Ion Ratio Lower Upper
95 100
174 81.9 0.0 159.4
176 78.7 0.0 154.0



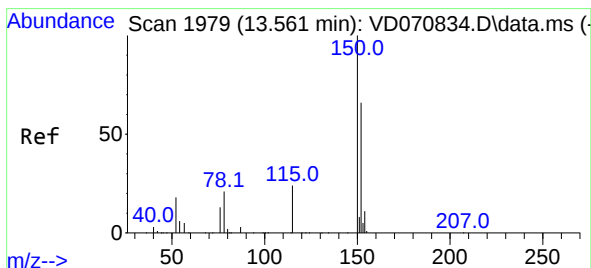
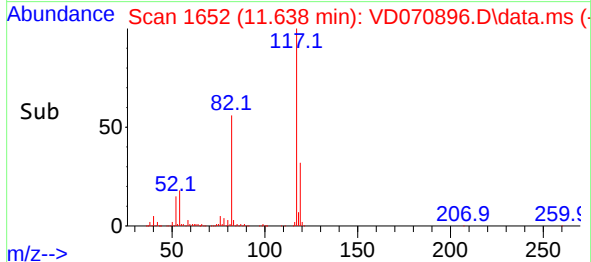
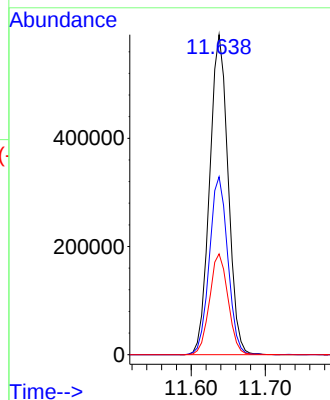
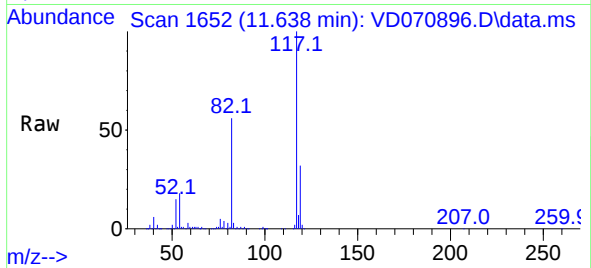


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070896.D
Acq: 28 Oct 2021 17:19

Instrument :
MSVOA_D
ClientSampleId :
MH-FFD

Tgt Ion:117 Resp: 1022679

Ion	Ratio	Lower	Upper
117	100		
82	55.6	44.7	67.1
119	31.5	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070896.D
Acq: 28 Oct 2021 17:19

Tgt Ion:152 Resp: 459162

Ion	Ratio	Lower	Upper
152	100		
115	58.7	29.8	89.3
150	157.0	0.0	349.2

