

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102121\
 Data File : VD070798.D
 Acq On : 21 Oct 2021 13:52
 Operator : VA/SY
 Sample : M4285-07
 Misc : 3.12G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-FA-(1)

Quant Time: Oct 22 06:14:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	421208	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	772154	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	750034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	312565	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	276472	55.417	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.840%
35) Dibromofluoromethane	7.908	113	255528	51.683	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.360%
50) Toluene-d8	10.338	98	1019974	53.817	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.640%
62) 4-Bromofluorobenzene	12.620	95	315444	48.337	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.680%

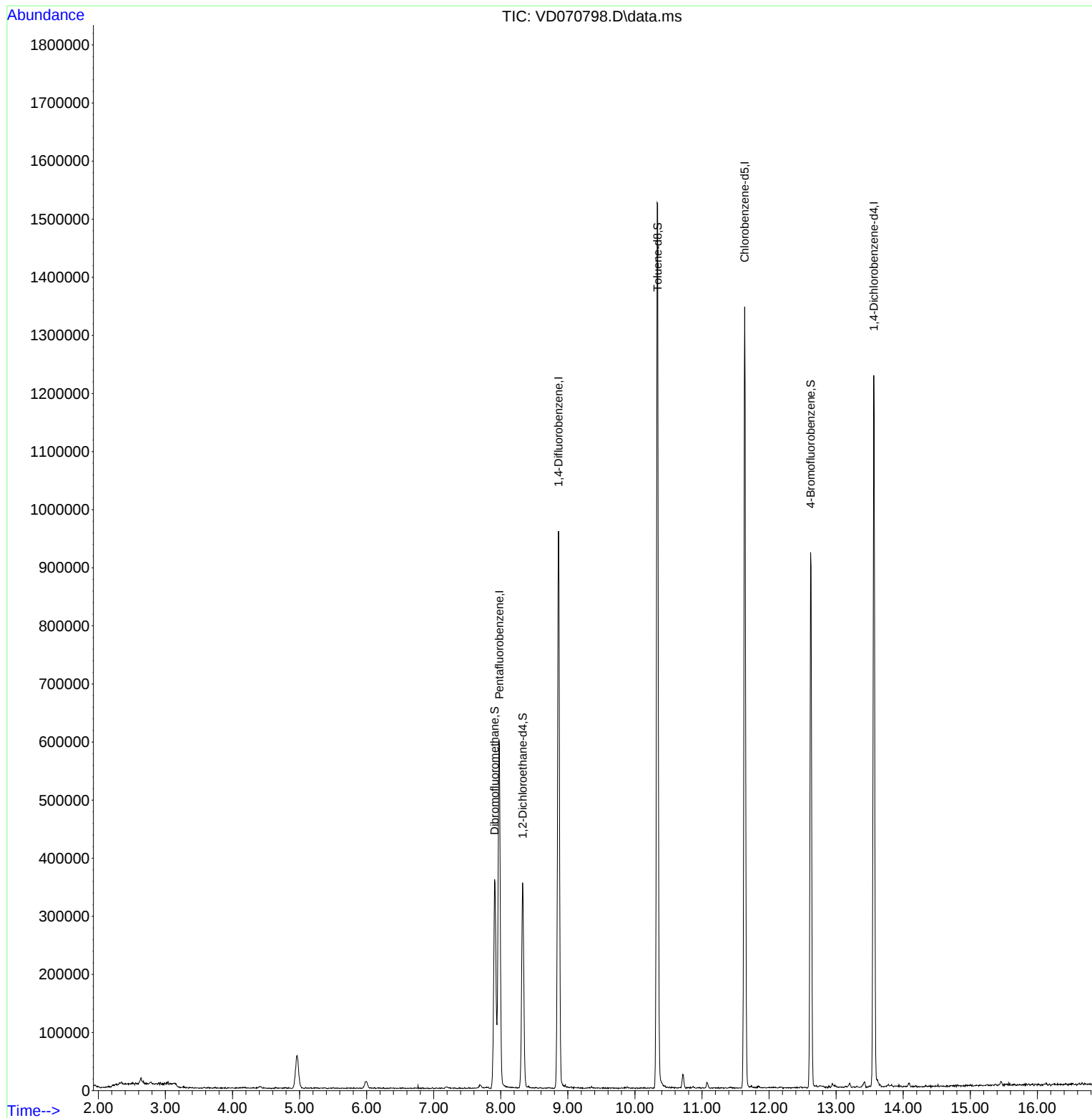
Target Compounds	Qvalue

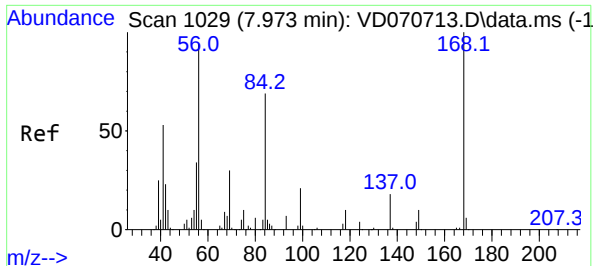
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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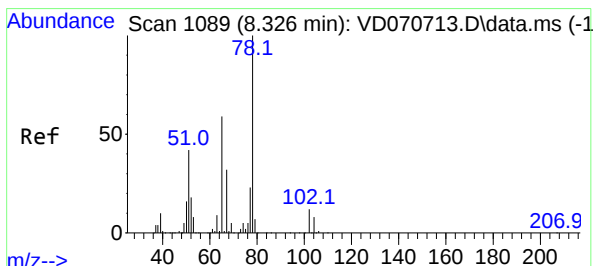
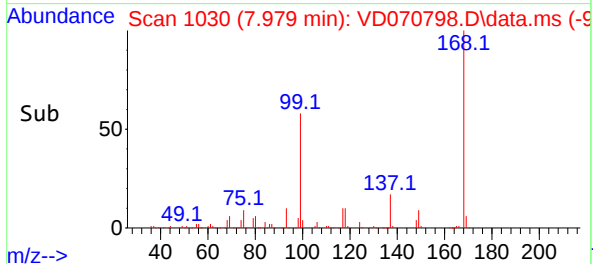
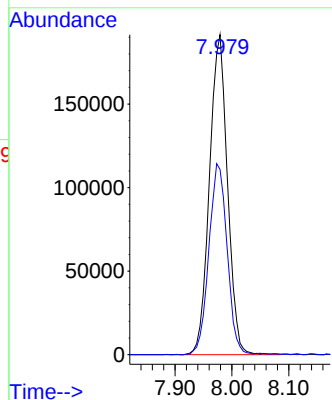
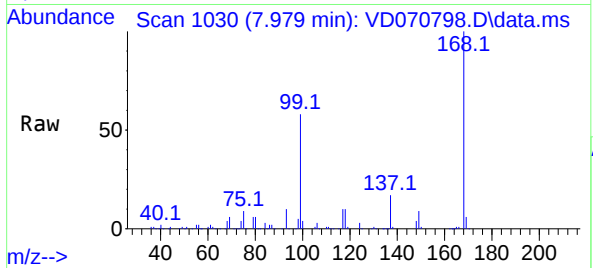




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD070798.D
Acq: 21 Oct 2021 13:52

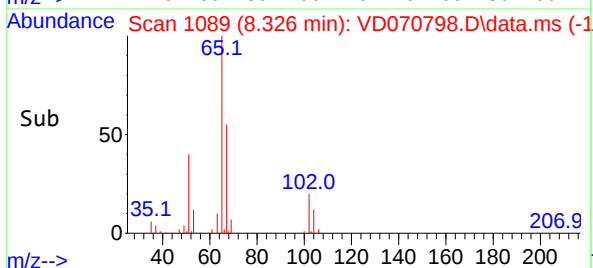
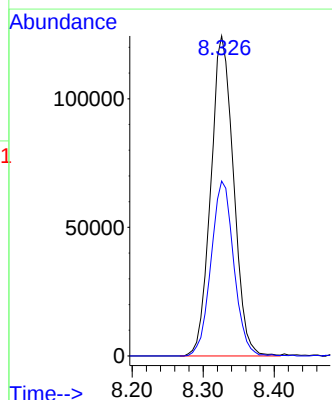
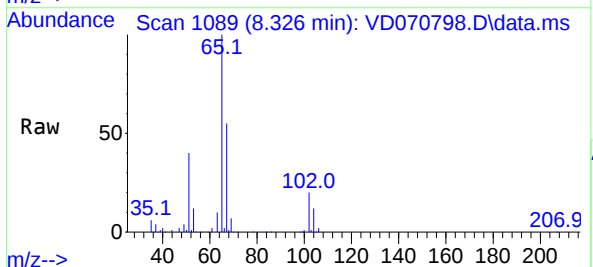
Instrument :
MSVOA_D
ClientSampleId :
MH-FA-(1)

Tgt Ion:168 Resp: 421208
Ion Ratio Lower Upper
168 100
99 57.9 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 55.417 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070798.D
Acq: 21 Oct 2021 13:52

Tgt Ion: 65 Resp: 276472
Ion Ratio Lower Upper
65 100
67 54.7 0.0 110.2



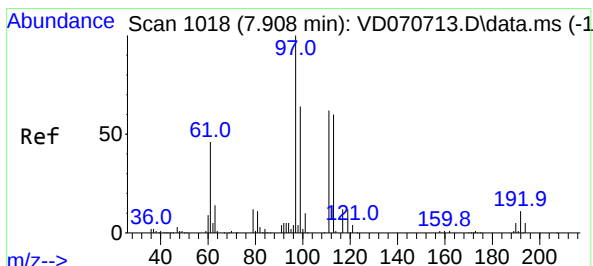
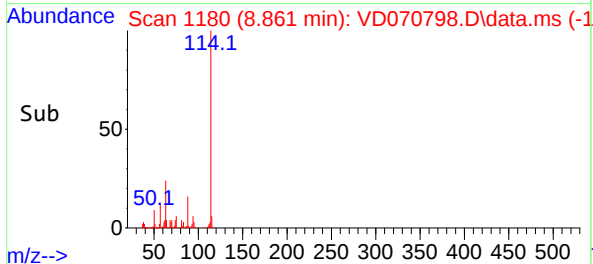
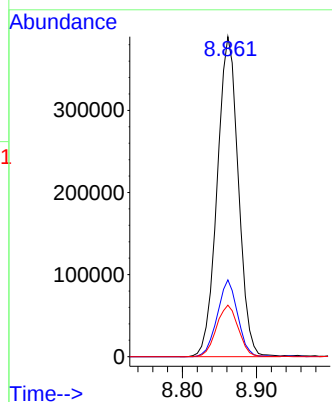
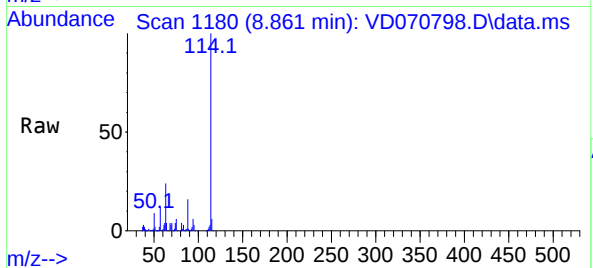


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070798.D
Acq: 21 Oct 2021 13:52

Instrument :
MSVOA_D
ClientSampleID :
MH-FA-(1)

Tgt Ion:114 Resp: 772154

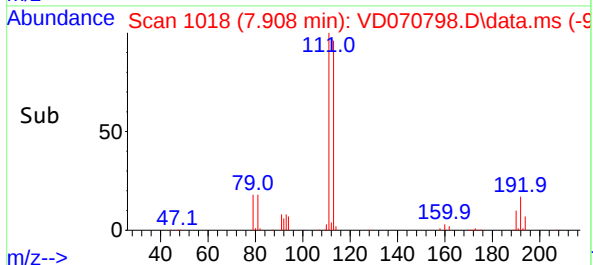
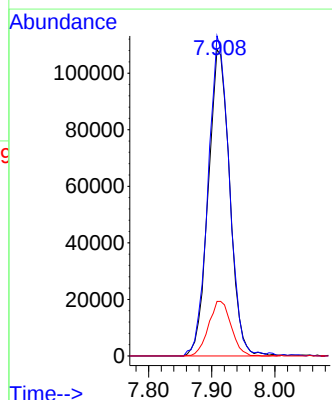
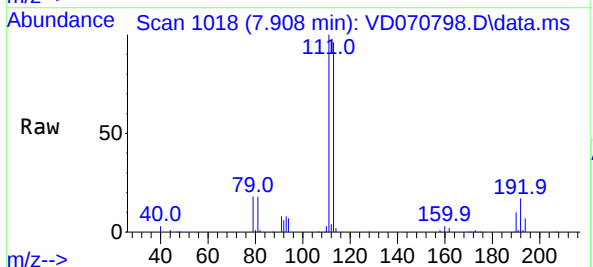
Ion	Ratio	Lower	Upper
114	100		
63	24.0	0.0	41.8
88	16.1	0.0	32.6

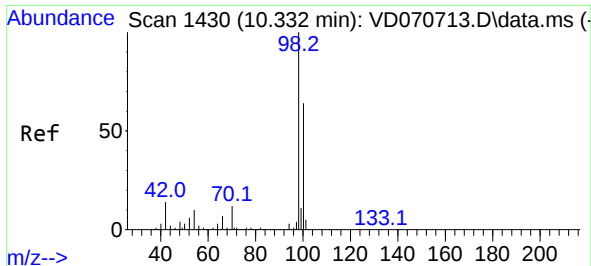


#35
Dibromofluoromethane
Concen: 51.683 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD070798.D
Acq: 21 Oct 2021 13:52

Tgt Ion:113 Resp: 255528

Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.1	124.7
192	18.7	12.7	19.1

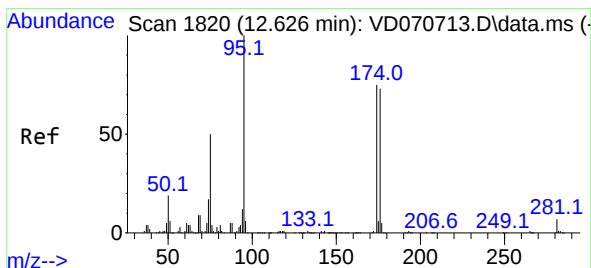
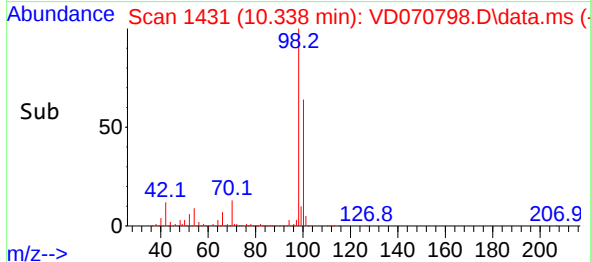
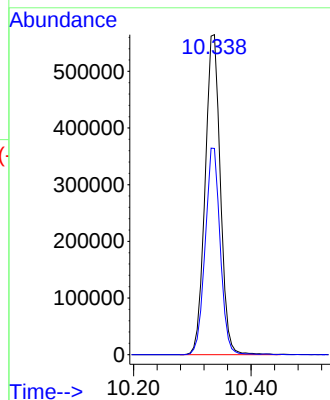
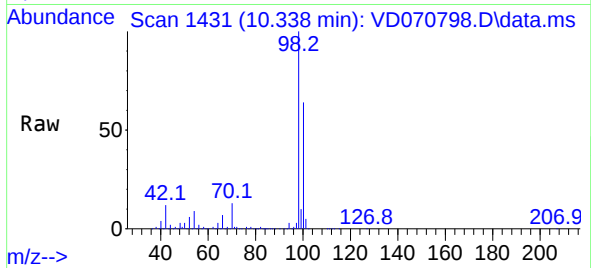




#50
Toluene-d8
Concen: 53.817 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070798.D
Acq: 21 Oct 2021 13:52

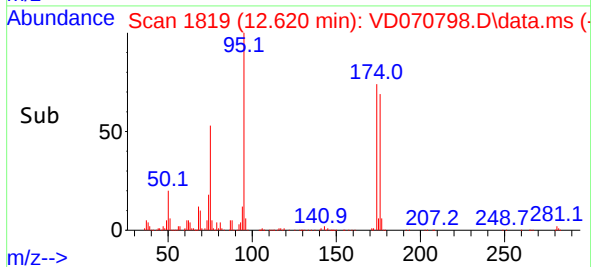
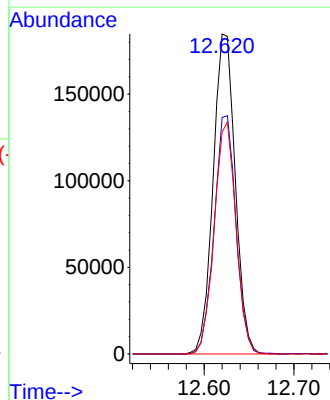
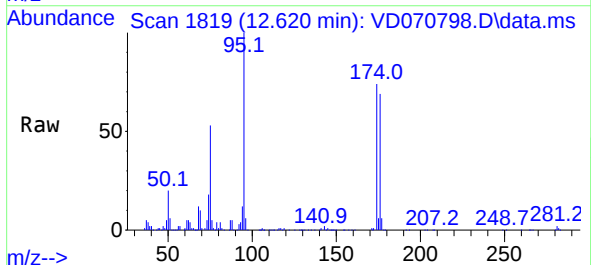
Instrument :
MSVOA_D
ClientSampleId :
MH-FA-(1)

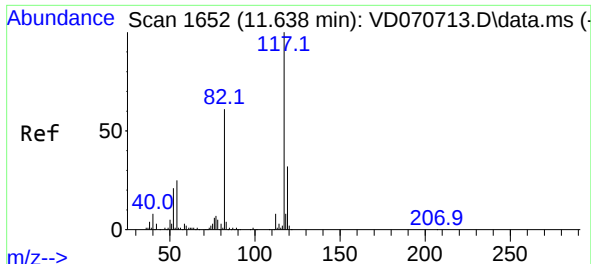
Tgt Ion: 98 Resp: 1019974
Ion Ratio Lower Upper
98 100
100 63.5 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 48.337 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070798.D
Acq: 21 Oct 2021 13:52

Tgt Ion: 95 Resp: 315444
Ion Ratio Lower Upper
95 100
174 73.4 0.0 138.0
176 71.3 0.0 135.6

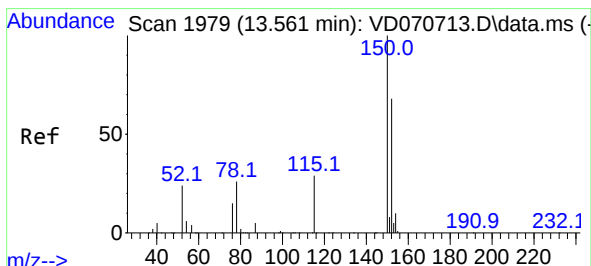
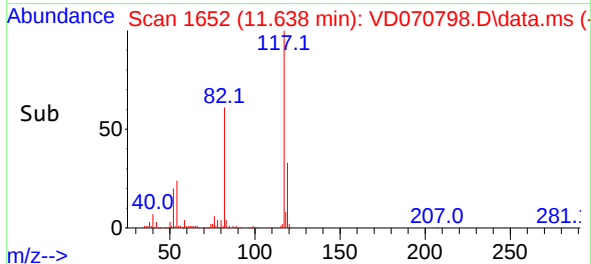
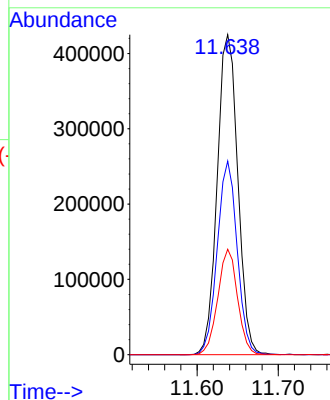
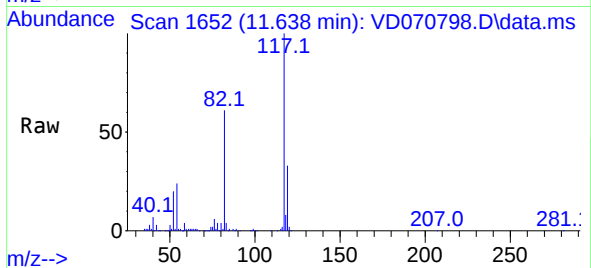




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070798.D
Acq: 21 Oct 2021 13:52

Instrument :
MSVOA_D
ClientSampleId :
MH-FA-(1)

Tgt Ion:117 Resp: 750034
Ion Ratio Lower Upper
117 100
82 60.5 45.4 68.2
119 32.9 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070798.D
Acq: 21 Oct 2021 13:52

Tgt Ion:152 Resp: 312565
Ion Ratio Lower Upper
152 100
115 63.3 31.9 95.7
150 159.1 0.0 350.0

