

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102121\
 Data File : VD070800.D
 Acq On : 21 Oct 2021 14:49
 Operator : VA/SY
 Sample : M4285-13RE
 Misc : 6.52G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-GB-(1)RE

Quant Time: Oct 22 06:15:05 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	7.973	168	97025	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	170152	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	187439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	79742	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	105477	91.784	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	183.560%#
35) Dibromofluoromethane	7.914	113	74256	68.156	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	136.320%
50) Toluene-d8	10.332	98	227253	54.414	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.820%
62) 4-Bromofluorobenzene	12.626	95	76547	53.229	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.460%

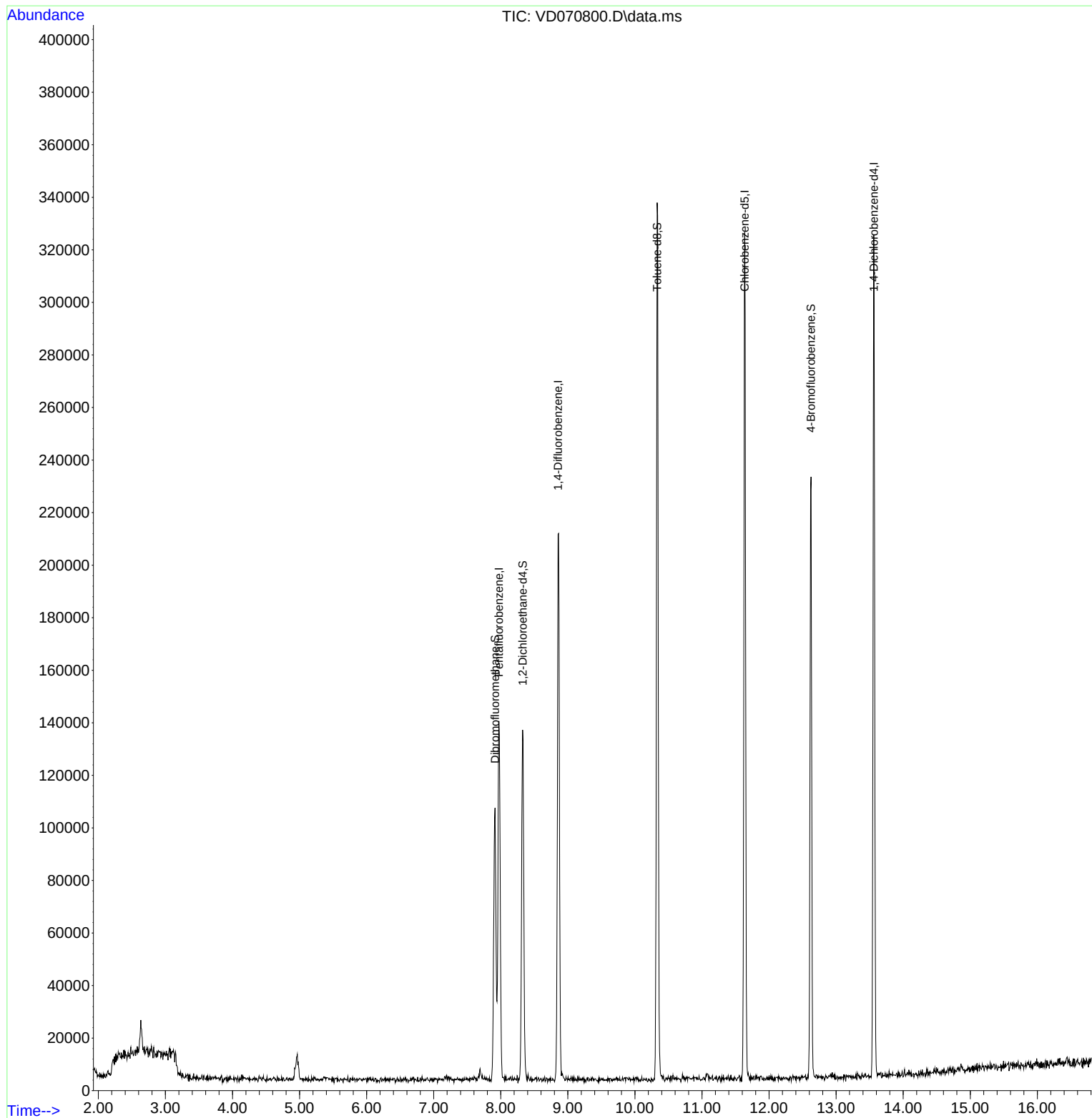
Target Compounds	Qvalue

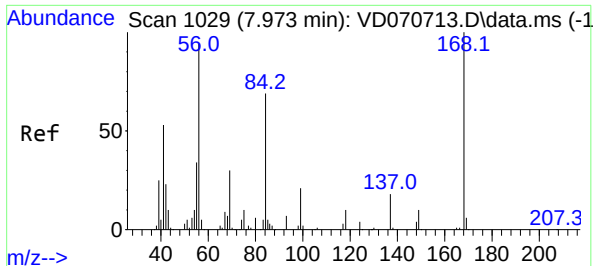
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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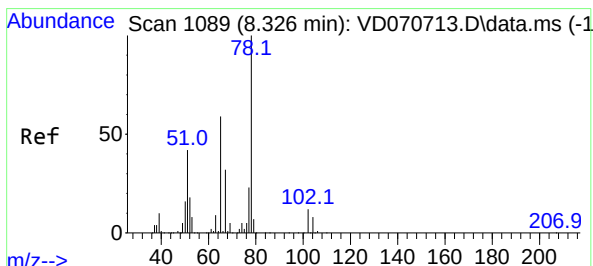
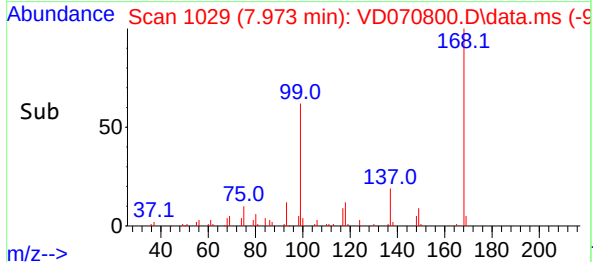
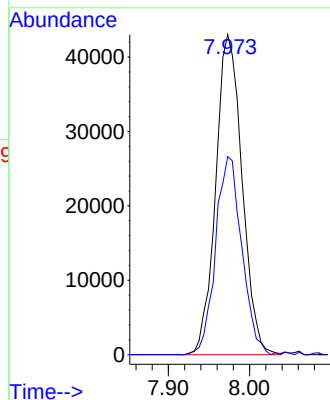
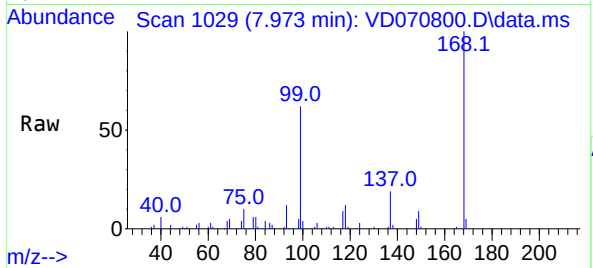




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD070800.D
Acq: 21 Oct 2021 14:49

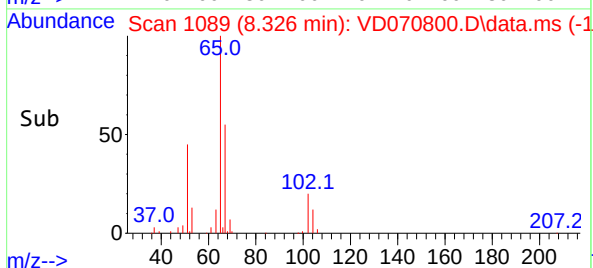
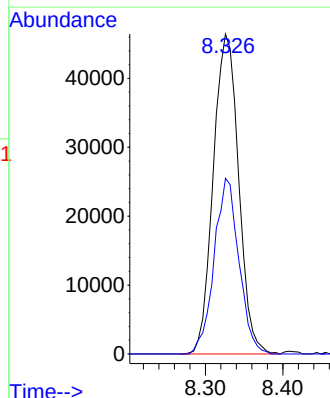
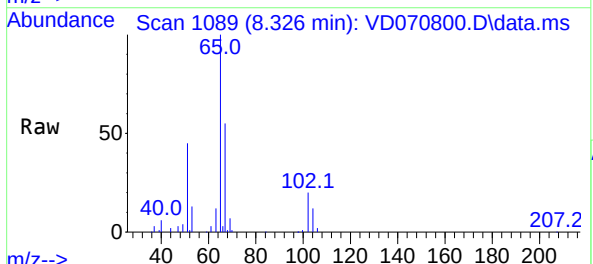
Instrument :
MSVOA_D
ClientSampleId :
MH-GB-(1)RE

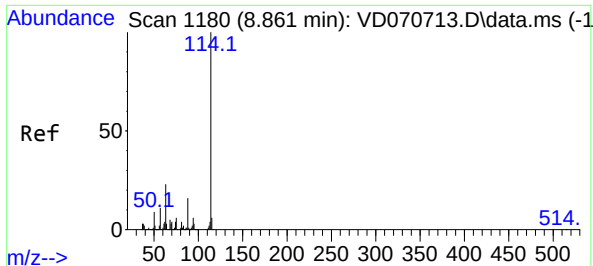
Tgt Ion:168 Resp: 97025
Ion Ratio Lower Upper
168 100
99 61.9 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 91.784 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070800.D
Acq: 21 Oct 2021 14:49

Tgt Ion: 65 Resp: 105477
Ion Ratio Lower Upper
65 100
67 53.6 0.0 110.2



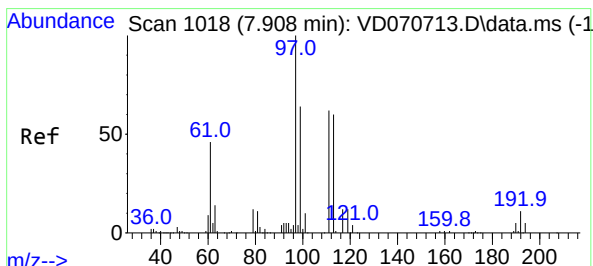
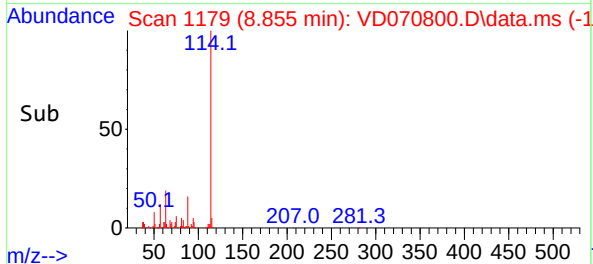
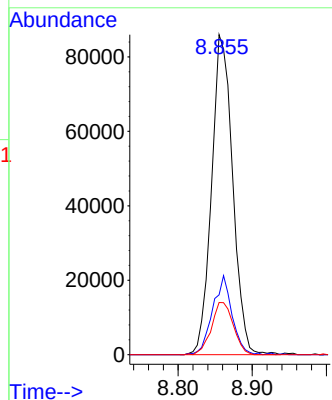
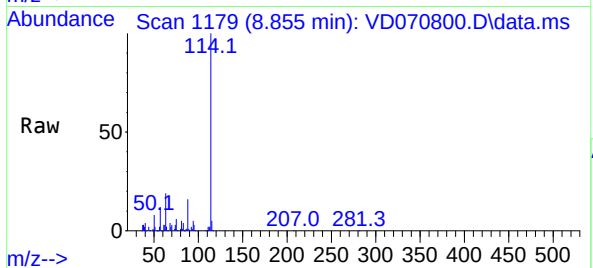


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD070800.D
Acq: 21 Oct 2021 14:49

Instrument :
MSVOA_D
ClientSampleId :
MH-GB-(1)RE

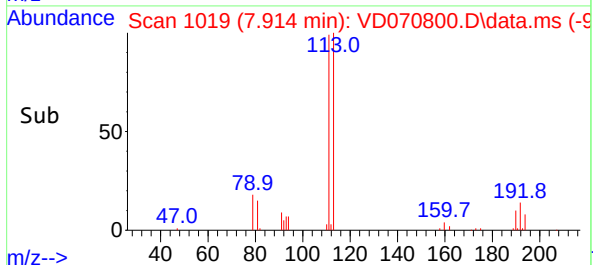
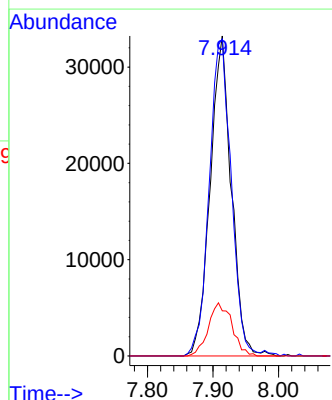
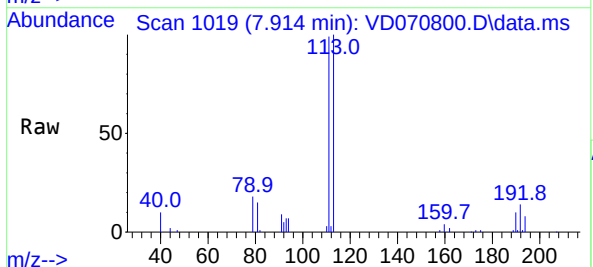
Tgt Ion:114 Resp: 170152
Ion Ratio Lower Upper
114 100
63 18.7 0.0 41.8
88 16.3 0.0 32.6

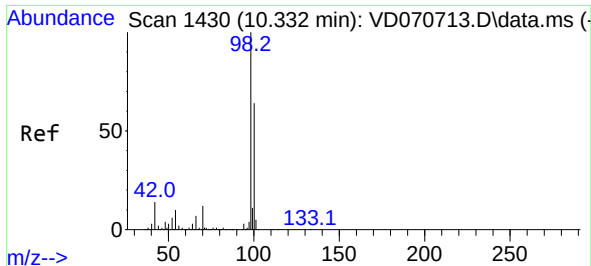


#35

Dibromofluoromethane
Concen: 68.156 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD070800.D
Acq: 21 Oct 2021 14:49

Tgt Ion:113 Resp: 74256
Ion Ratio Lower Upper
113 100
111 102.6 83.1 124.7
192 18.5 12.7 19.1

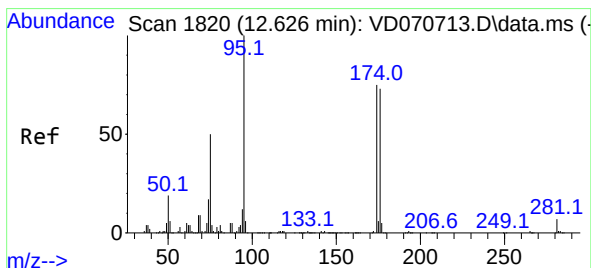
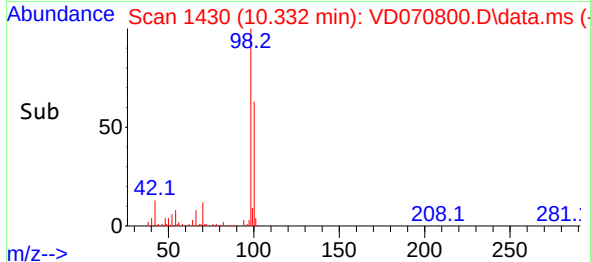
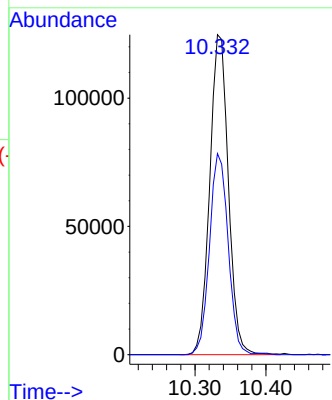
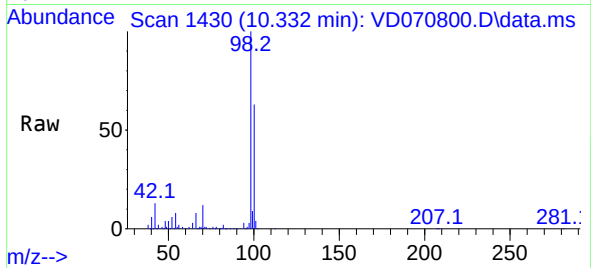




#50
Toluene-d8
Concen: 54.414 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD070800.D
Acq: 21 Oct 2021 14:49

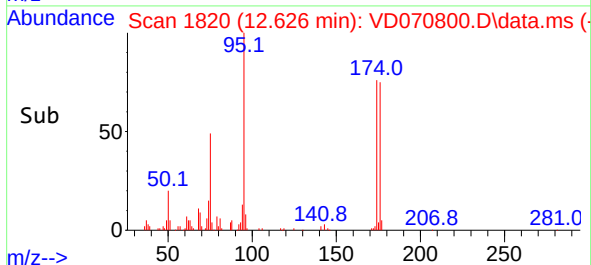
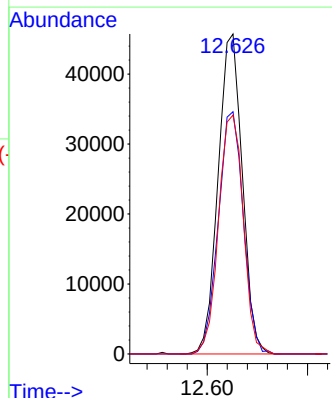
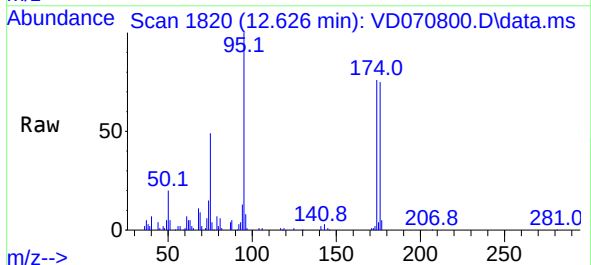
Instrument :
MSVOA_D
ClientSampleId :
MH-GB-(1)RE

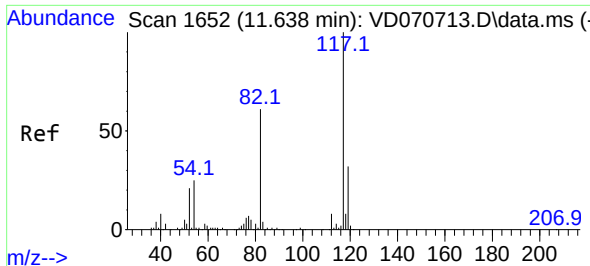
Tgt Ion: 98 Resp: 227253
Ion Ratio Lower Upper
98 100
100 62.7 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 53.229 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070800.D
Acq: 21 Oct 2021 14:49

Tgt Ion: 95 Resp: 76547
Ion Ratio Lower Upper
95 100
174 78.2 0.0 138.0
176 76.2 0.0 135.6

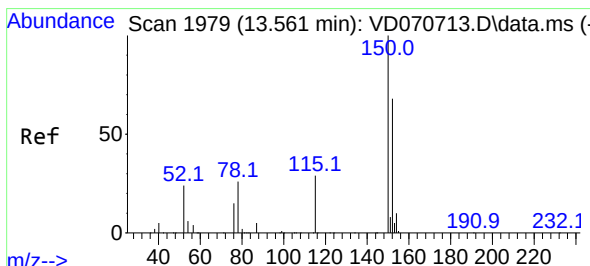
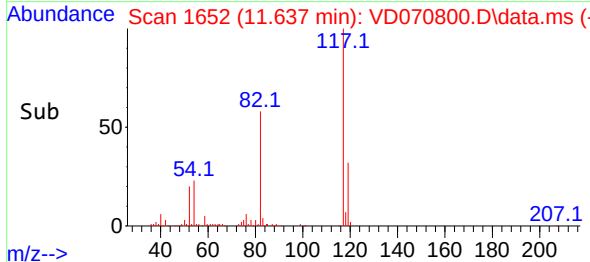
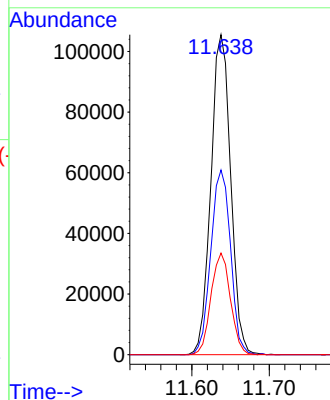
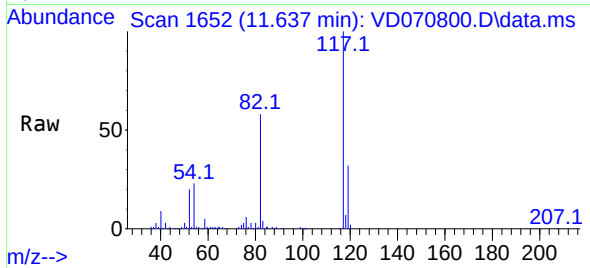




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070800.D
Acq: 21 Oct 2021 14:49

Instrument :
MSVOA_D
ClientSampleId :
MH-GB-(1)RE

Tgt Ion:117 Resp: 187439
Ion Ratio Lower Upper
117 100
82 57.7 45.4 68.2
119 31.7 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: VD070800.D
Acq: 21 Oct 2021 14:49

Tgt Ion:152 Resp: 79742
Ion Ratio Lower Upper
152 100
115 61.9 31.9 95.7
150 160.4 0.0 350.0

