

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101821\
 Data File : VD070739.D
 Acq On : 18 Oct 2021 19:34
 Operator : VA/SY
 Sample : M4252-10
 Misc : 5.35G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Oct 19 06:42:36 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	5028	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	9051	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	8788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	3115	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	5491	92.203	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 184.400%#	
35) Dibromofluoromethane	7.903	113	3105	53.577	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.160%	
50) Toluene-d8	10.332	98	11665	52.508	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.020%	
62) 4-Bromofluorobenzene	12.626	95	3731	48.774	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.540%	

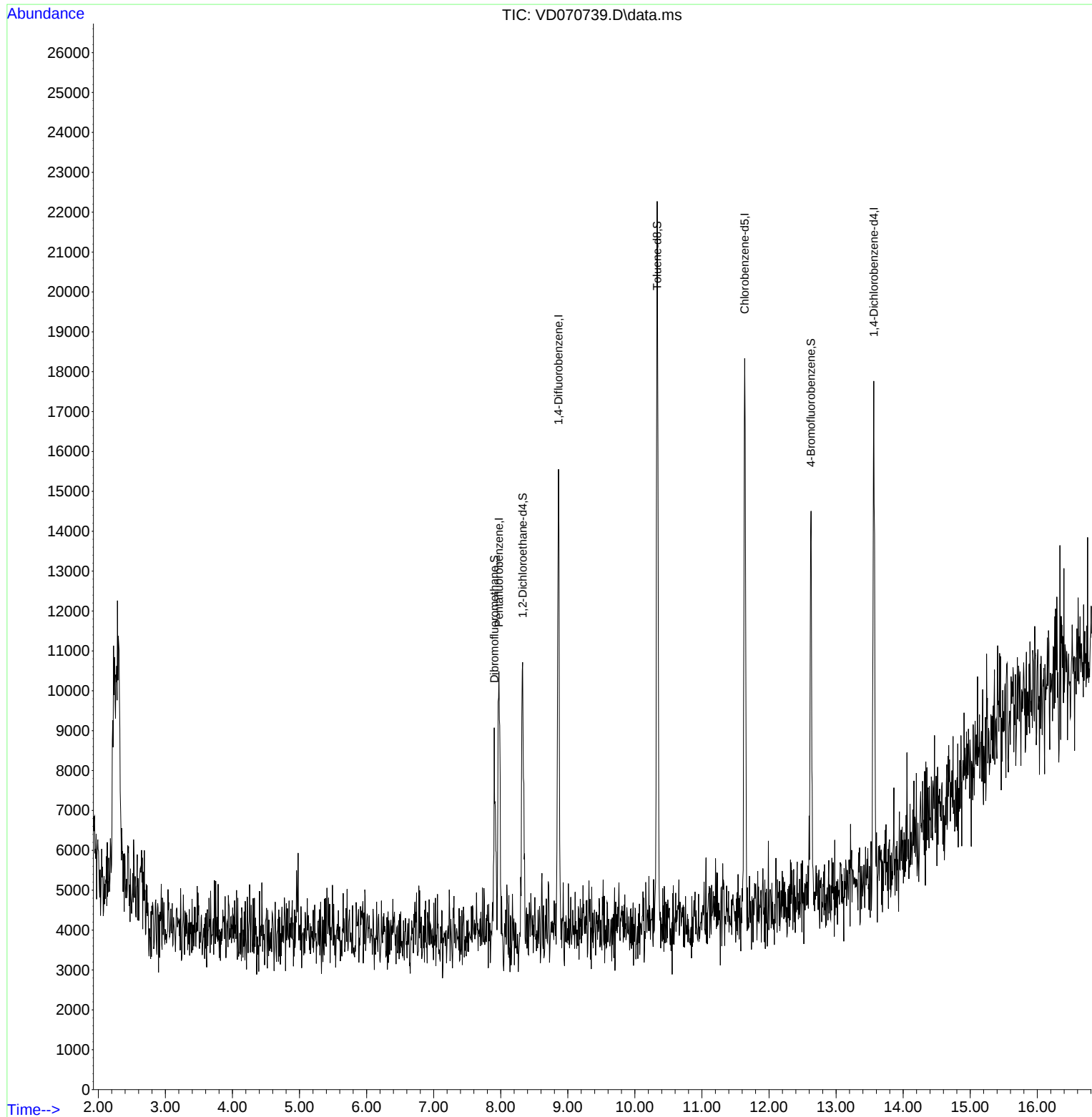
Target Compounds	Qvalue

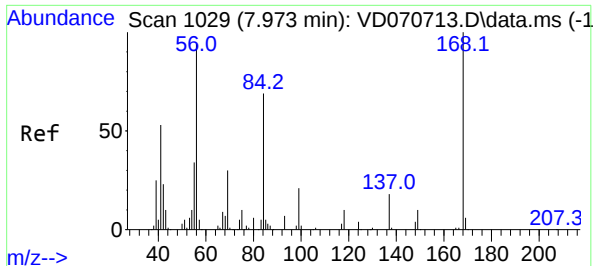
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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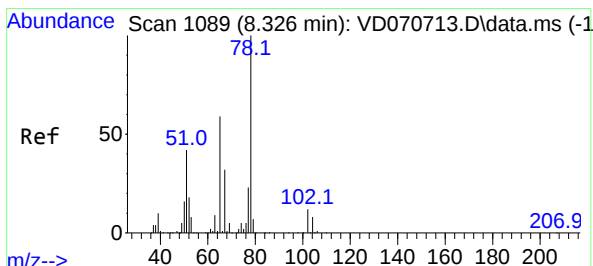
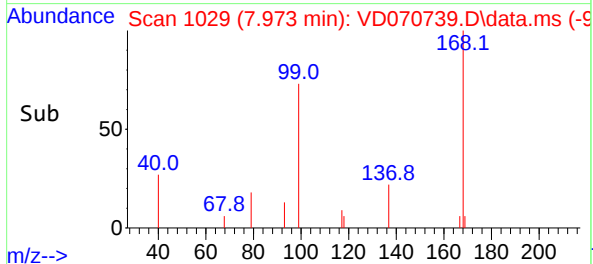
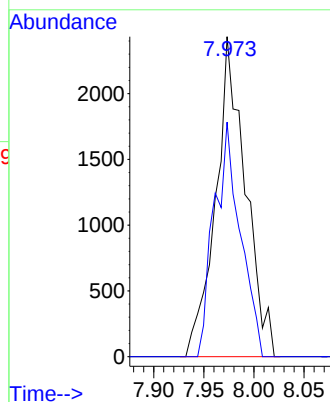
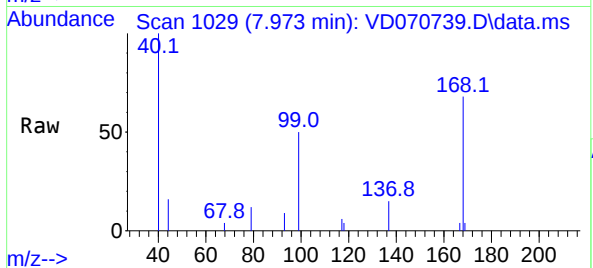




Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD070739.D
Acq: 18 Oct 2021 19:34

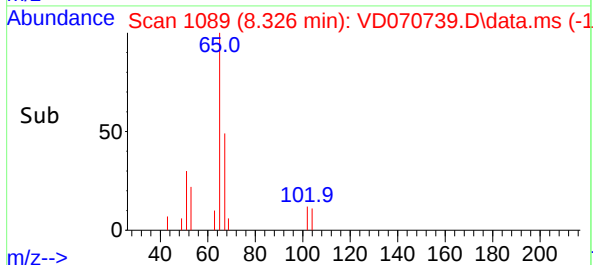
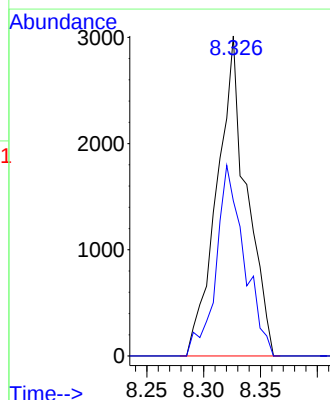
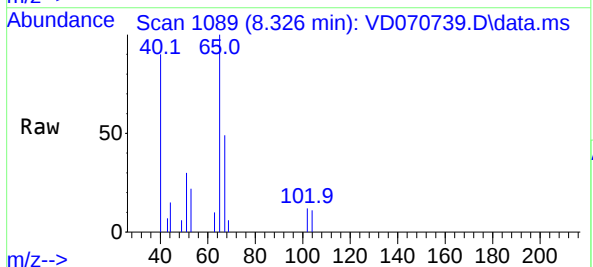
Instrument :
MSVOA_D
ClientSampleId :
MH-CB-(1)

Tgt Ion:168 Resp: 5028
Ion Ratio Lower Upper
168 100
99 73.3 51.4 77.0



1,2-Dichloroethane-d4
Concen: 92.203 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070739.D
Acq: 18 Oct 2021 19:34

Tgt Ion: 65 Resp: 5491
Ion Ratio Lower Upper
65 100
67 56.8 0.0 110.2



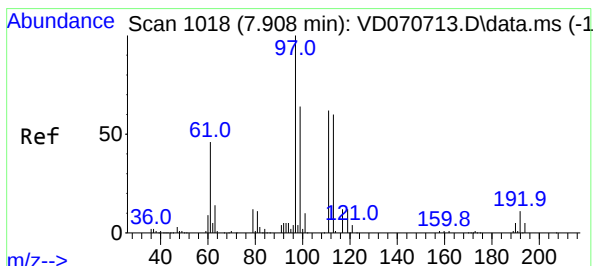
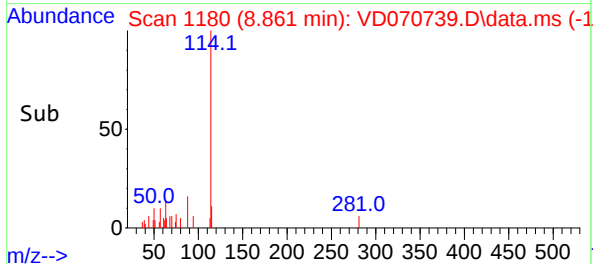
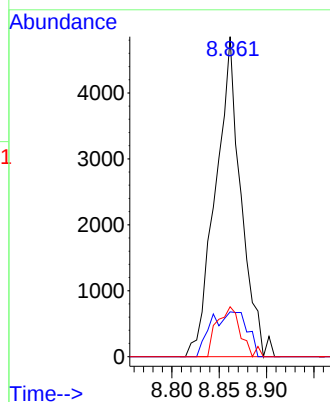
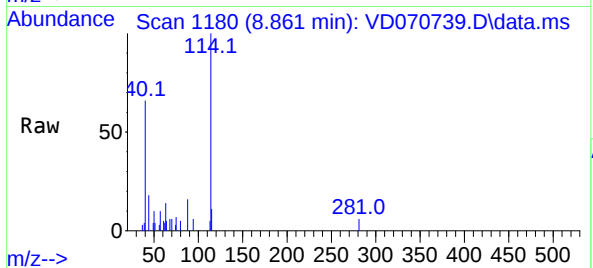


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070739.D
Acq: 18 Oct 2021 19:34

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

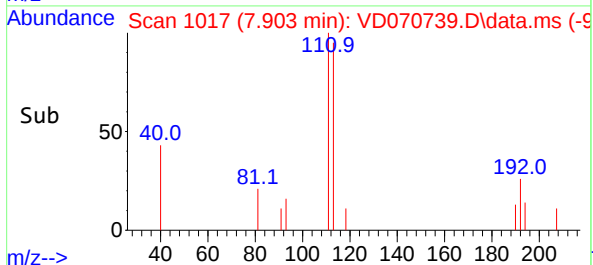
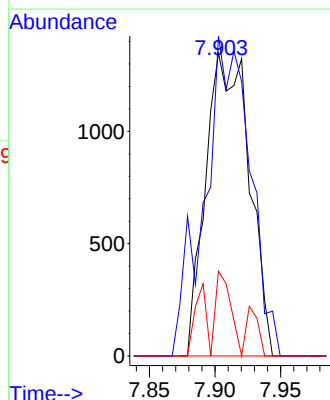
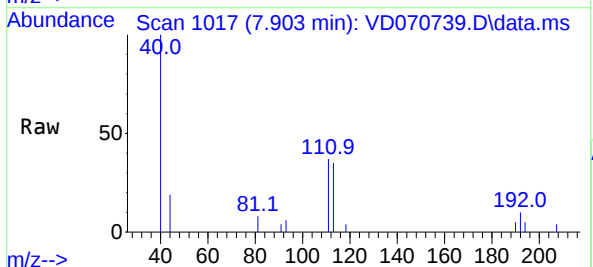
Tgt Ion:114	Resp:	9051
Ion Ratio	Lower	Upper
114	100	
63	14.0	0.0 41.8
88	15.6	0.0 32.6

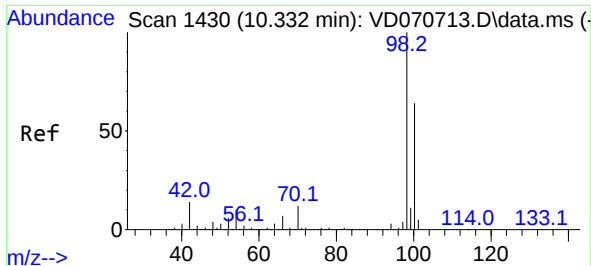


#35

Dibromofluoromethane
Concen: 53.577 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.006 min
Lab File: VD070739.D
Acq: 18 Oct 2021 19:34

Tgt Ion:113	Resp:	3105
Ion Ratio	Lower	Upper
113	100	
111	110.6	83.1 124.7
192	9.7	12.7 19.1#

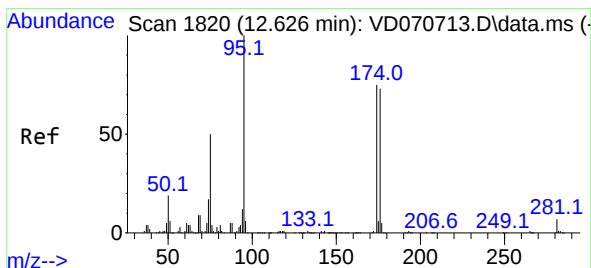
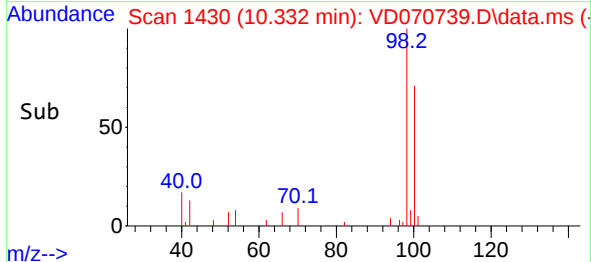
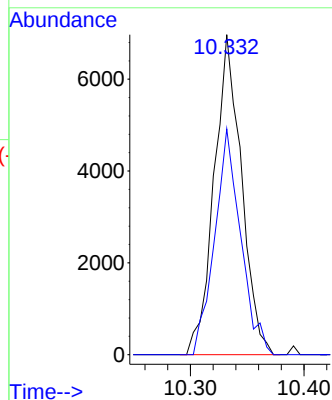
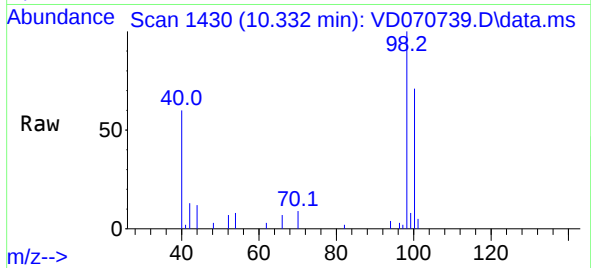




#50
Toluene-d8
Concen: 52.508 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070739.D
Acq: 18 Oct 2021 19:34

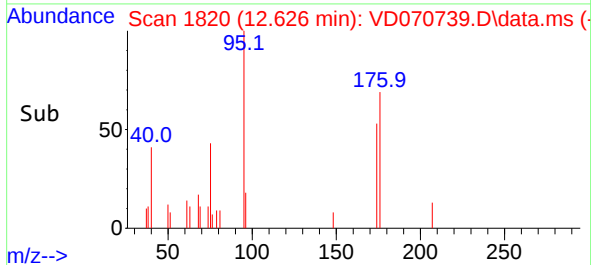
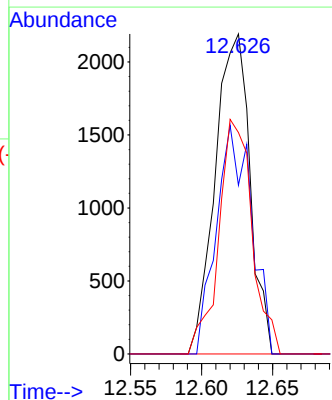
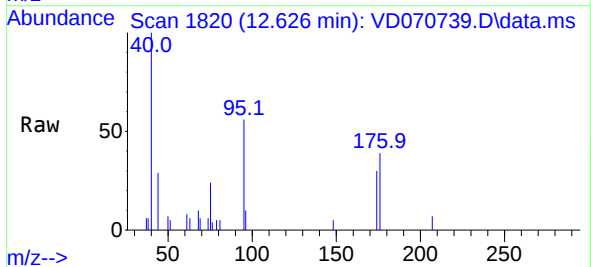
Instrument :
MSVOA_D
ClientSampled :
MH-CB-(1)

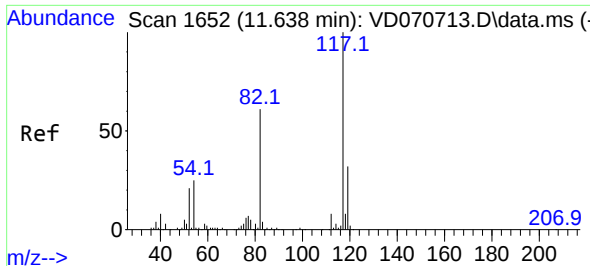
Tgt Ion: 98 Resp: 11665
Ion Ratio Lower Upper
98 100
100 67.2 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 48.774 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070739.D
Acq: 18 Oct 2021 19:34

Tgt Ion: 95 Resp: 3731
Ion Ratio Lower Upper
95 100
174 72.0 0.0 138.0
176 70.1 0.0 135.6

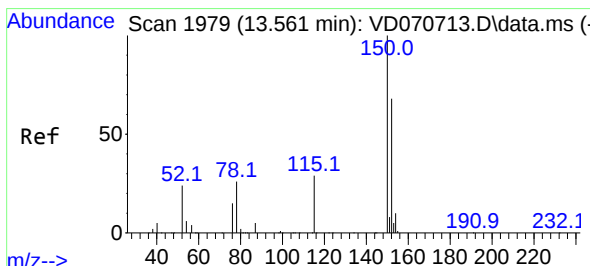
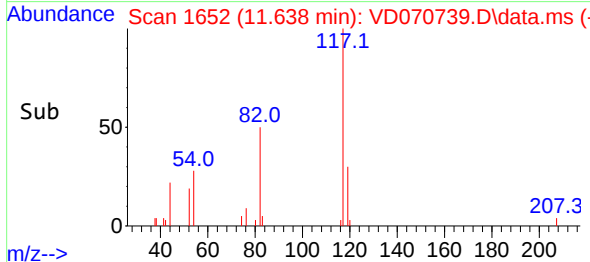
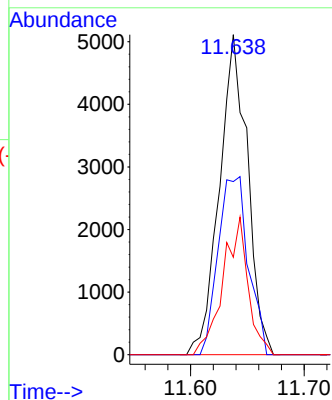
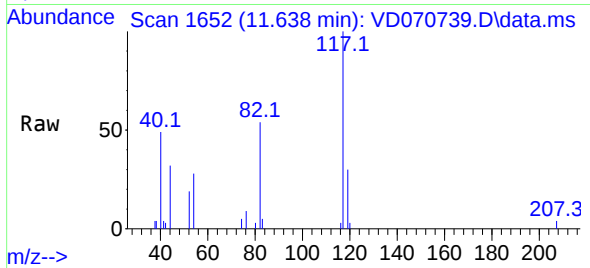




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070739.D
Acq: 18 Oct 2021 19:34

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

Tgt Ion:	117	Resp:	8788
Ion	Ratio	Lower	Upper
117	100		
82	54.1	45.4	68.2
119	30.4	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: VD070739.D
Acq: 18 Oct 2021 19:34

Tgt Ion:	152	Resp:	3115
Ion	Ratio	Lower	Upper
152	100		
115	72.3	31.9	95.7
150	173.3	0.0	350.0

