

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101821\
 Data File : VD070733.D
 Acq On : 18 Oct 2021 16:44
 Operator : VA/SY
 Sample : M4259-07
 Misc : 3.56G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1-BD

Quant Time: Oct 19 06:41:33 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	12819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	21864	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	21508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	8373	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	12182	80.233	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 160.460%	
35) Dibromofluoromethane	7.908	113	9330	66.644	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 133.280%	
50) Toluene-d8	10.332	98	28490	53.088	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.180%	
62) 4-Bromofluorobenzene	12.620	95	8591	46.492	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.980%	

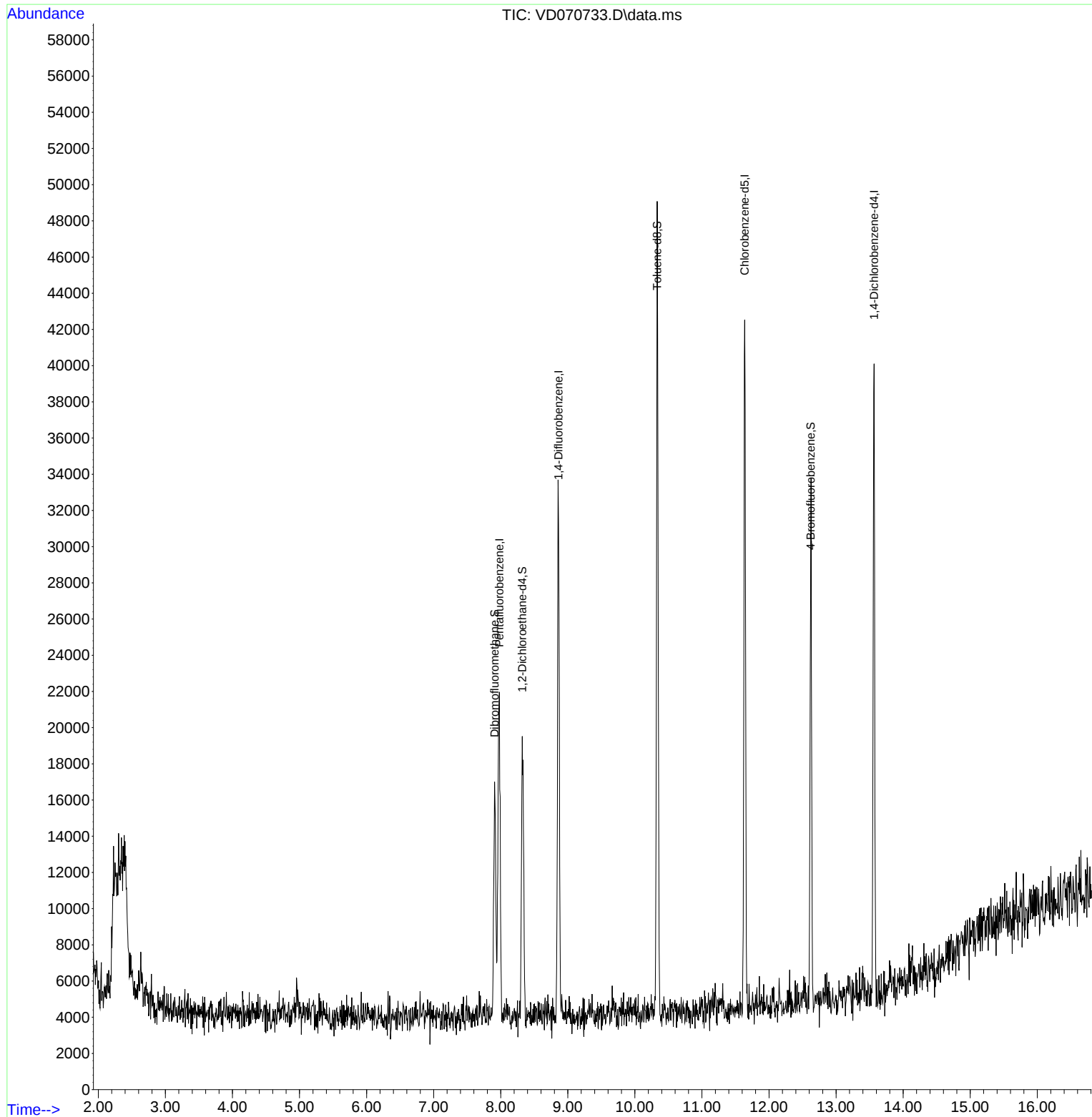
Target Compounds	Qvalue

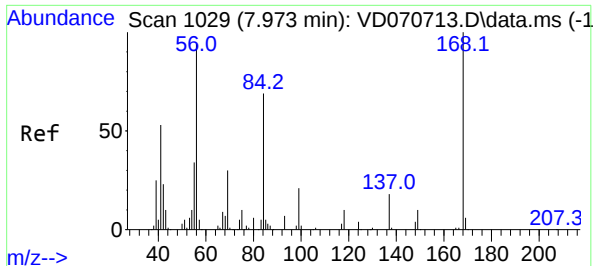
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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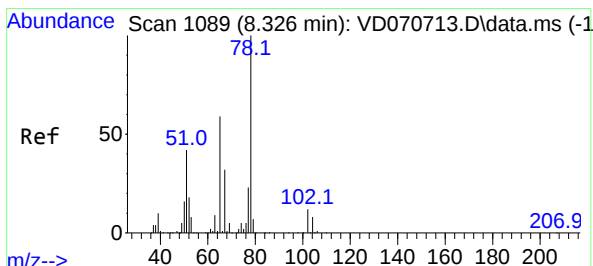
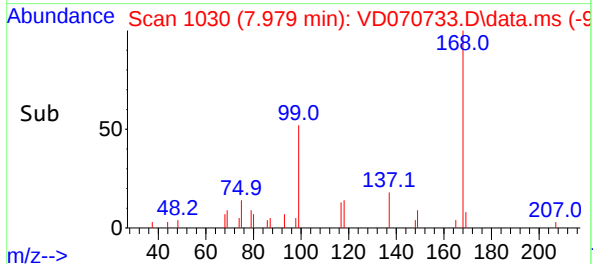
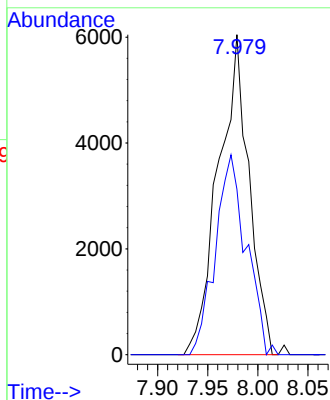
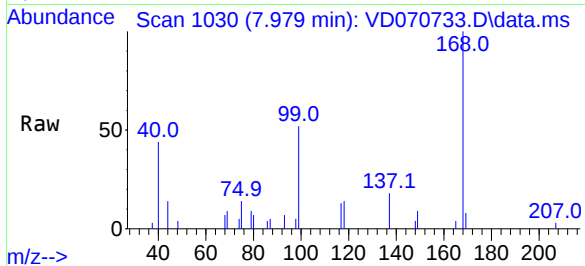




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD070733.D
Acq: 18 Oct 2021 16:44

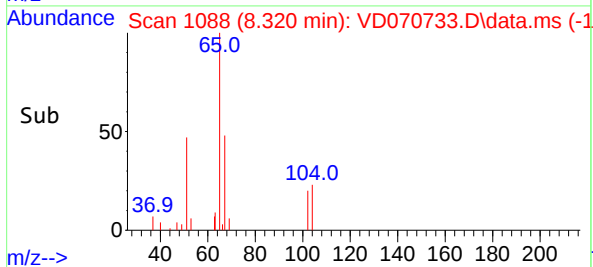
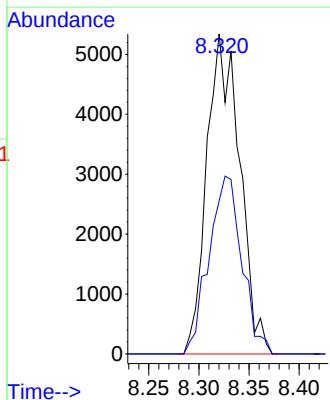
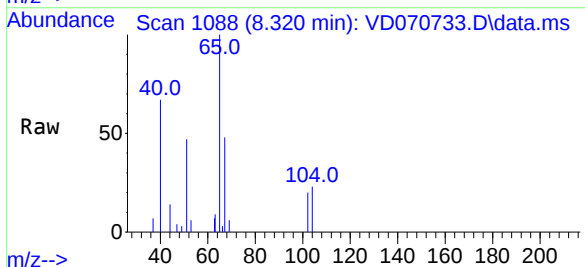
Instrument :
MSVOA_D
ClientSampleId :
WC-1-BD

Tgt Ion:168 Resp: 12819
Ion Ratio Lower Upper
168 100
99 51.7 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 80.233 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD070733.D
Acq: 18 Oct 2021 16:44

Tgt Ion: 65 Resp: 12182
Ion Ratio Lower Upper
65 100
67 55.7 0.0 110.2



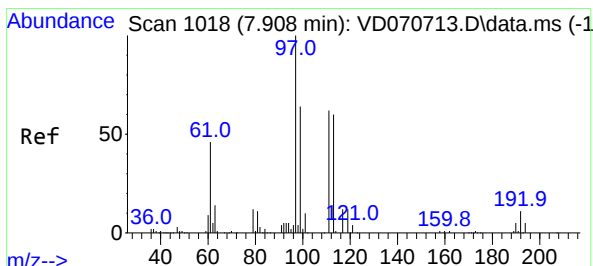
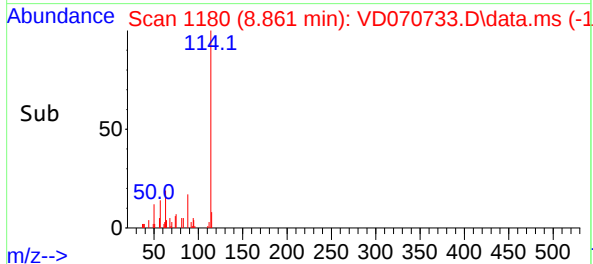
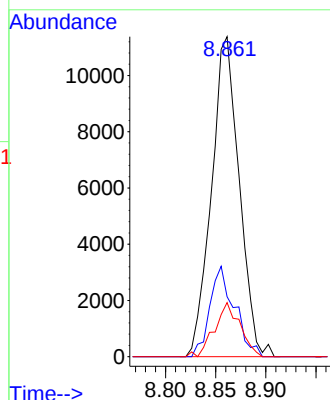
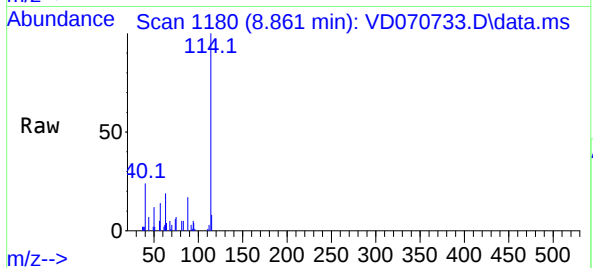


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070733.D
Acq: 18 Oct 2021 16:44

Instrument :
MSVOA_D
ClientSampled :
WC-1-BD

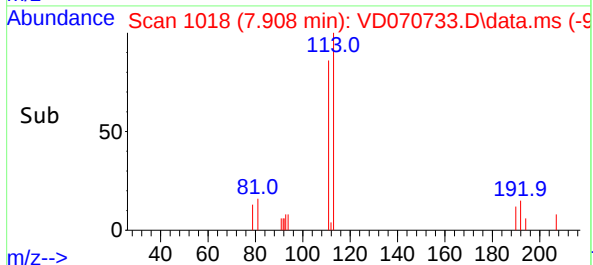
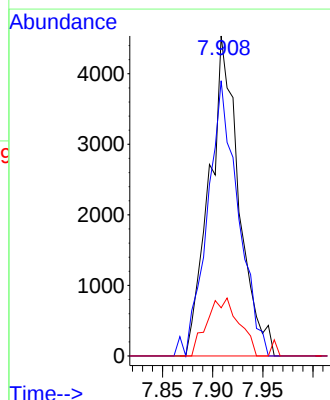
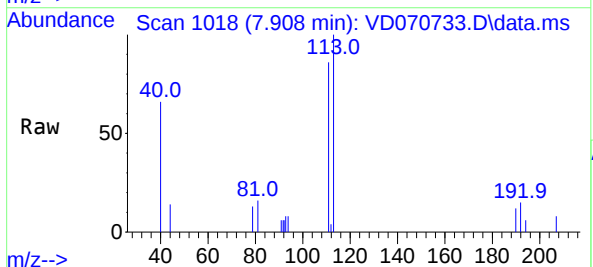
Tgt Ion:	114	Resp:	21864
Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	41.8
88	16.9	0.0	32.6

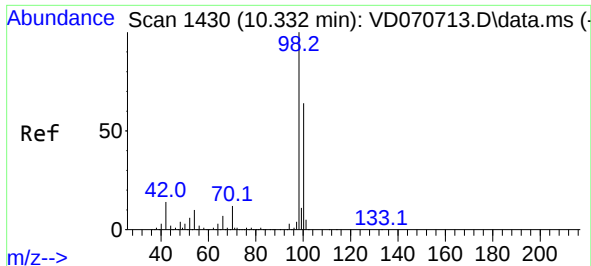


#35

Dibromofluoromethane
Concen: 66.644 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD070733.D
Acq: 18 Oct 2021 16:44

Tgt Ion:	113	Resp:	9330
Ion	Ratio	Lower	Upper
113	100		
111	89.4	83.1	124.7
192	19.7	12.7	19.1#

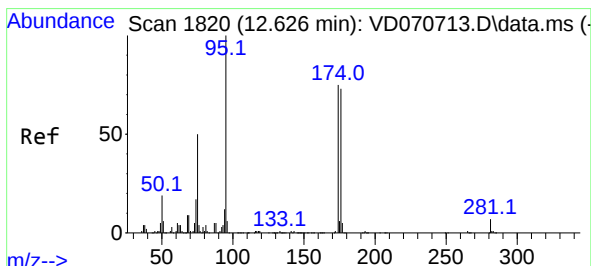
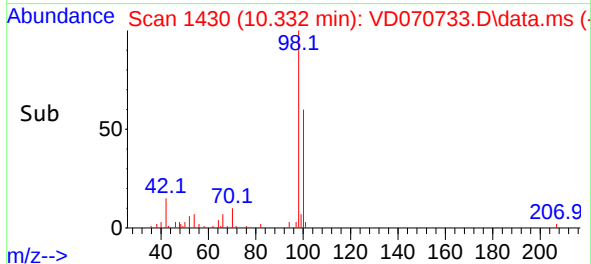
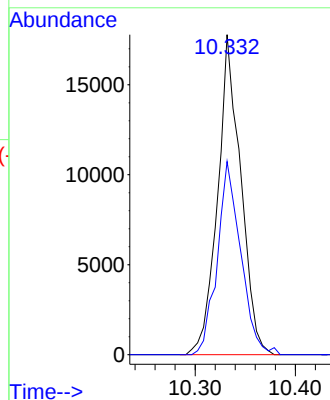
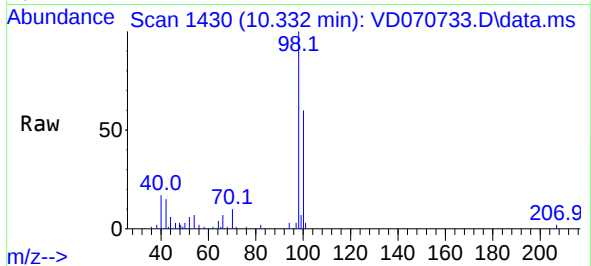




#50
Toluene-d8
Concen: 53.088 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070733.D
Acq: 18 Oct 2021 16:44

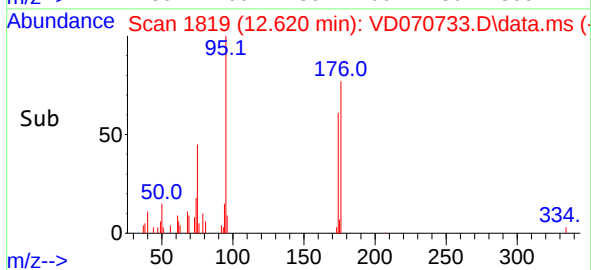
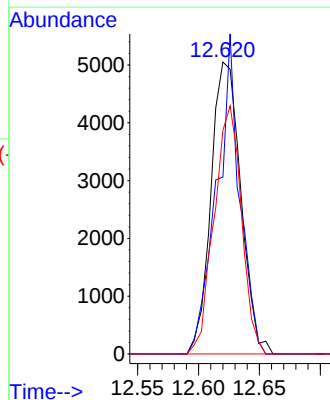
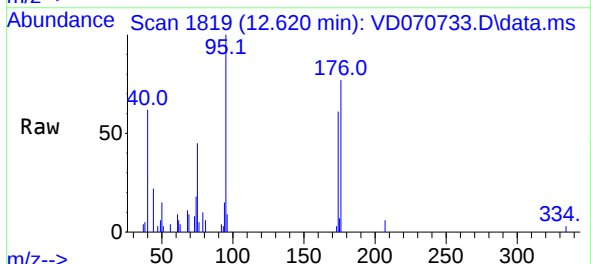
Instrument :
MSVOA_D
ClientSampleId :
WC-1-BD

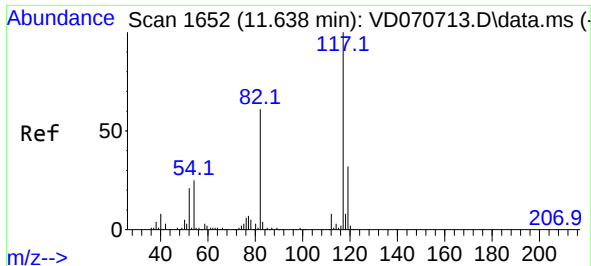
Tgt Ion: 98 Resp: 28490
Ion Ratio Lower Upper
98 100
100 61.3 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 46.492 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070733.D
Acq: 18 Oct 2021 16:44

Tgt Ion: 95 Resp: 8591
Ion Ratio Lower Upper
95 100
174 84.9 0.0 138.0
176 78.0 0.0 135.6

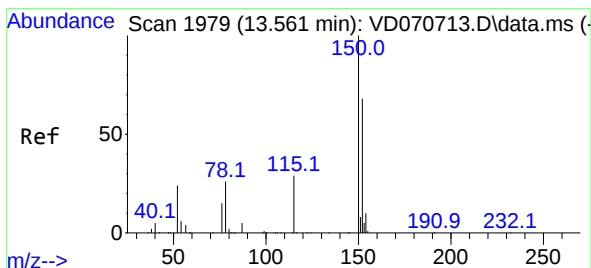
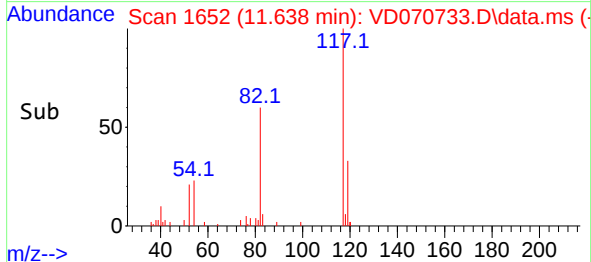
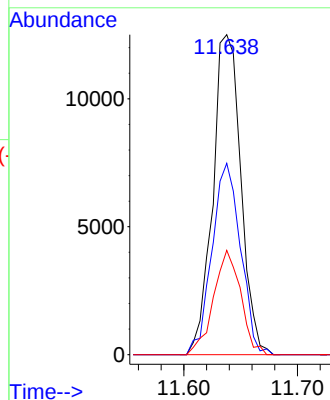
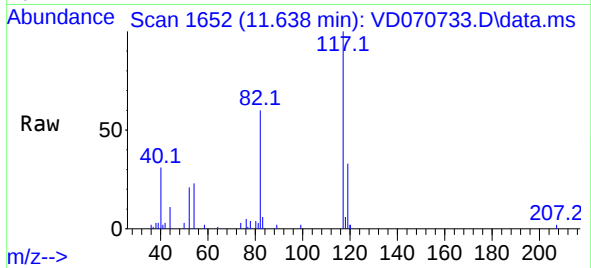




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070733.D
Acq: 18 Oct 2021 16:44

Instrument :
MSVOA_D
ClientSampled :
WC-1-BD

Tgt Ion:	117	Resp:	21508
Ion	Ratio	Lower	Upper
117	100		
82	59.8	45.4	68.2
119	32.6	24.7	37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD070733.D
Acq: 18 Oct 2021 16:44

Tgt Ion:	152	Resp:	8373
Ion	Ratio	Lower	Upper
152	100		
115	60.3	31.9	95.7
150	163.6	0.0	350.0

