

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102021\
 Data File : VD070786.D
 Acq On : 20 Oct 2021 20:07
 Operator : VA/SY
 Sample : M4285-16
 Misc : 5.47G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Oct 21 05:41:53 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	36139	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	58480	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	63292	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	26571	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	38096	89.00	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	178.00%#
35) Dibromofluoromethane	7.914	113	22174	59.22	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.44%
50) Toluene-d8	10.332	98	74090	51.62	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.24%
62) 4-Bromofluorobenzene	12.620	95	25175	50.94	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.88%

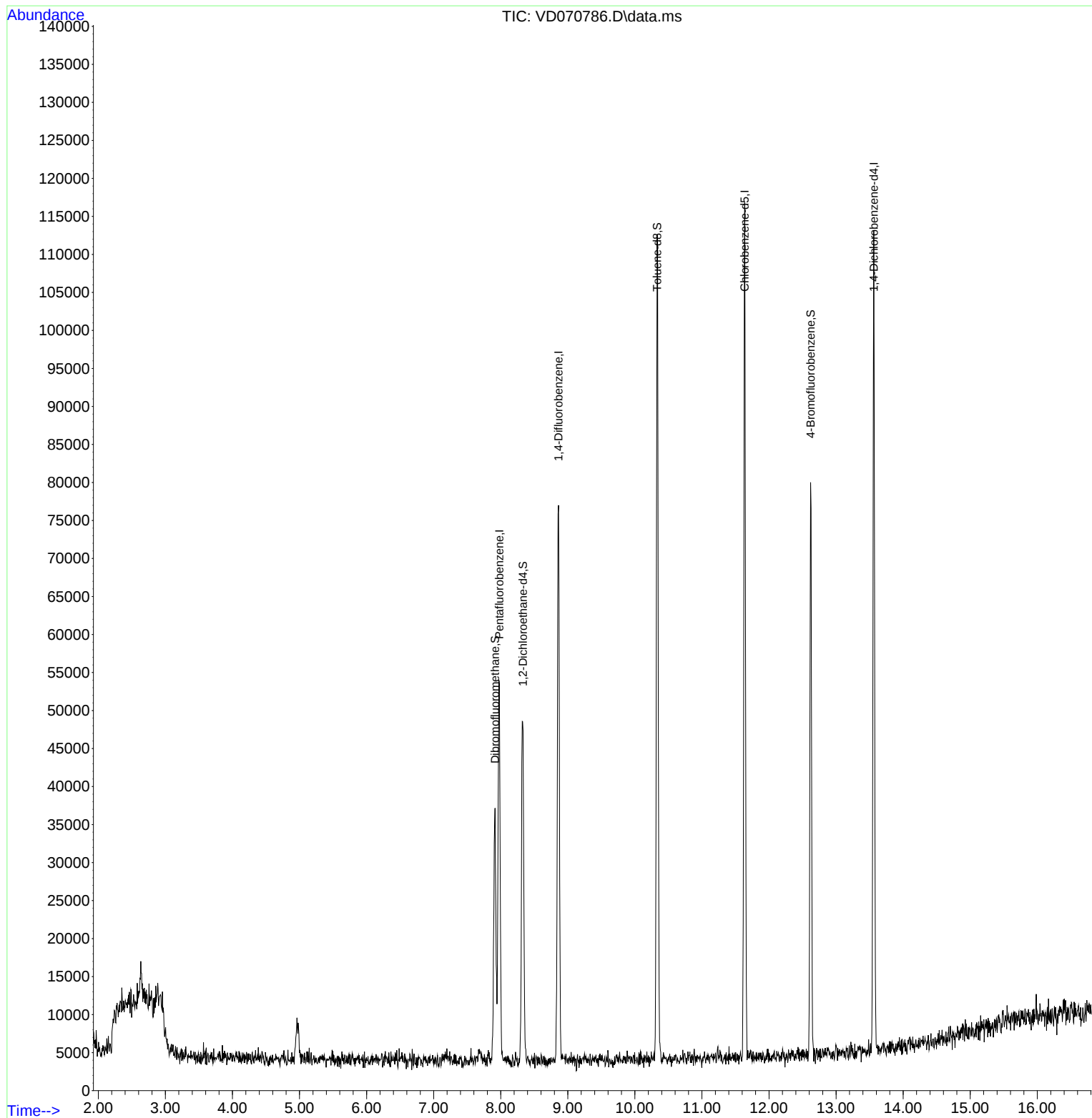
Target Compounds	Qvalue

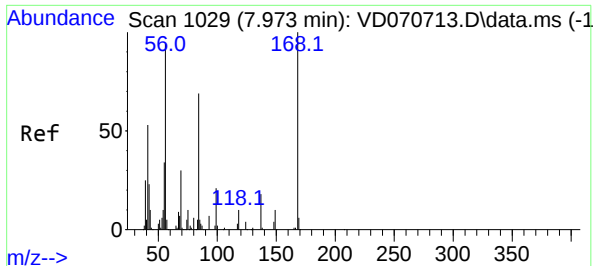
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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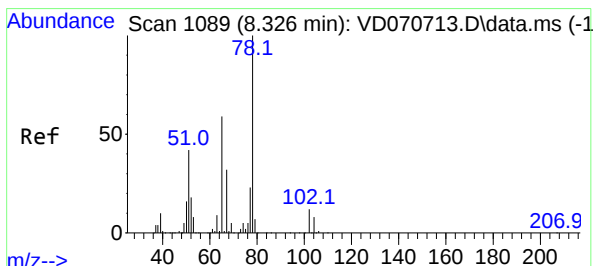
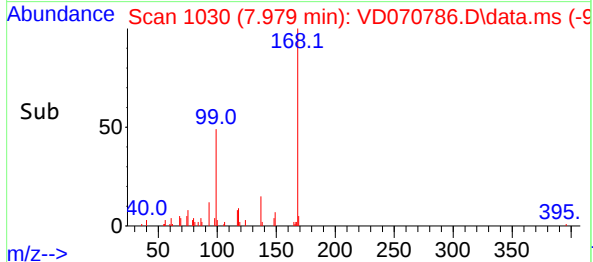
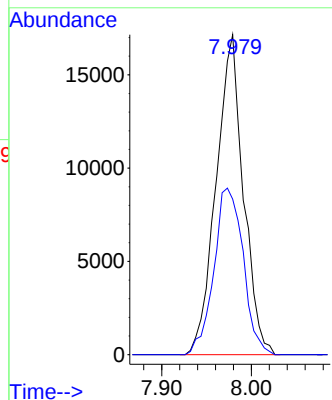
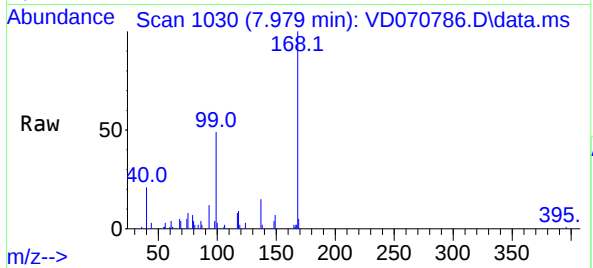




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD070786.D
Acq: 20 Oct 2021 20:07

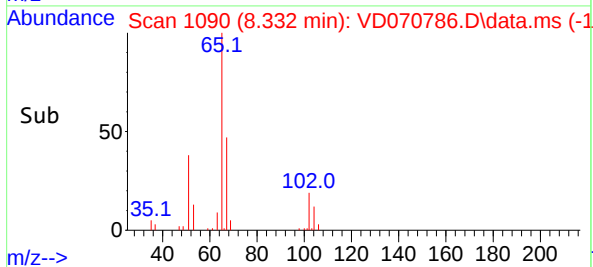
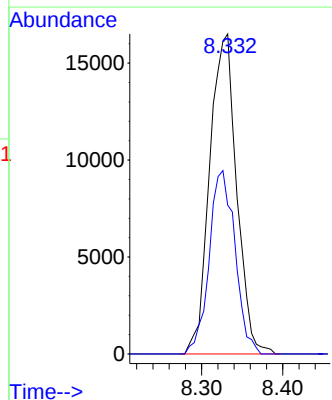
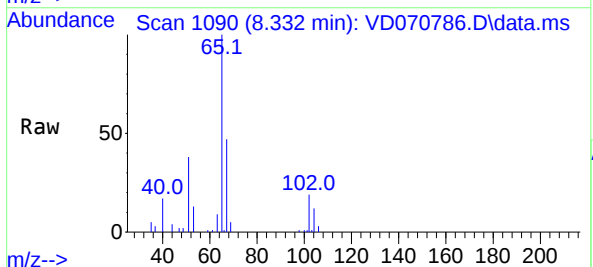
Instrument :
MSVOA_D
ClientSampleId :
MH-FB-(1)

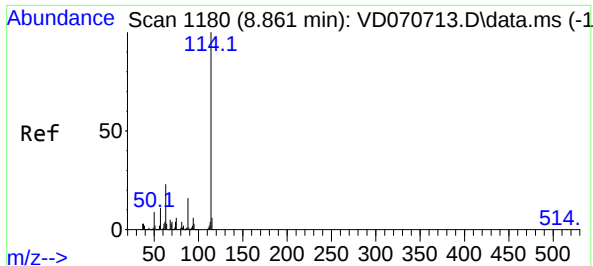
Tgt Ion:168 Resp: 36139
Ion Ratio Lower Upper
168 100
99 48.6 51.4 77.0#



#33
1,2-Dichloroethane-d4
Concen: 89.00 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070786.D
Acq: 20 Oct 2021 20:07

Tgt Ion: 65 Resp: 38096
Ion Ratio Lower Upper
65 100
67 54.8 0.0 110.2

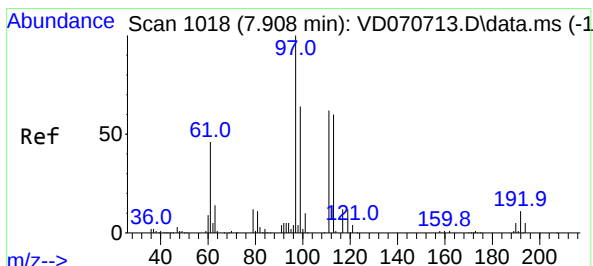
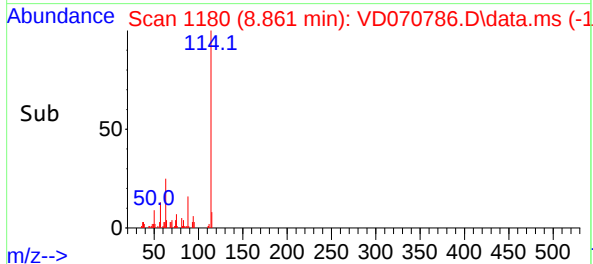
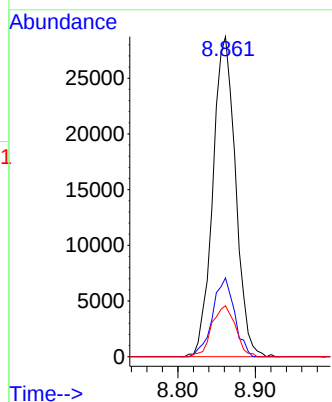
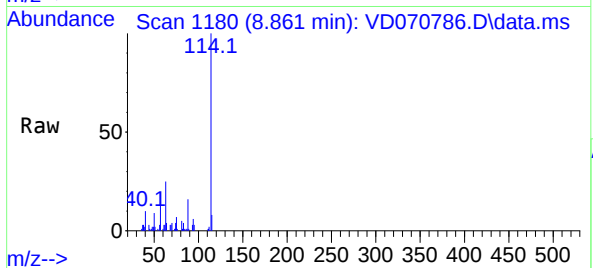




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070786.D
Acq: 20 Oct 2021 20:07

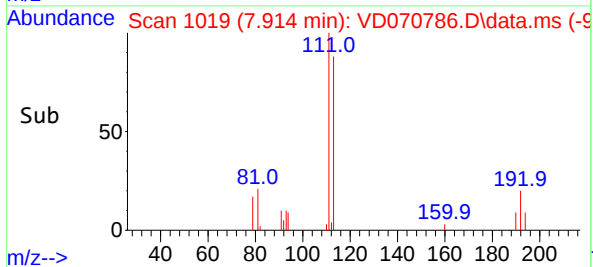
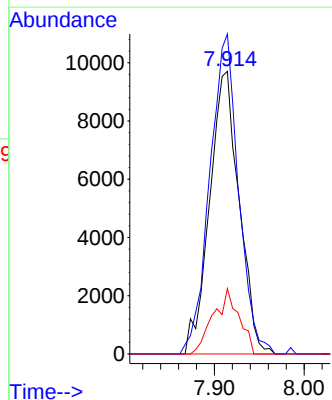
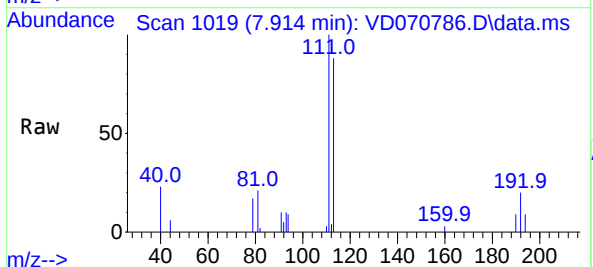
Instrument :
MSVOA_D
ClientSampleId :
MH-FB-(1)

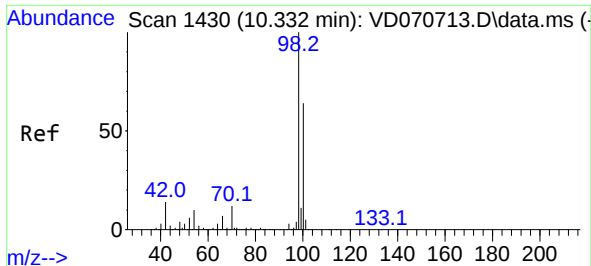
Tgt Ion:	114	Resp:	58480
Ion Ratio	Lower	Upper	
114	100		
63	24.6	0.0	41.8
88	15.9	0.0	32.6



#35
Dibromofluoromethane
Concen: 59.22 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD070786.D
Acq: 20 Oct 2021 20:07

Tgt Ion:	113	Resp:	22174
Ion Ratio	Lower	Upper	
113	100		
111	110.3	83.1	124.7
192	20.0	12.7	19.1#

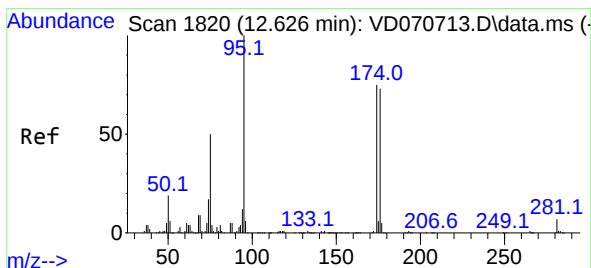
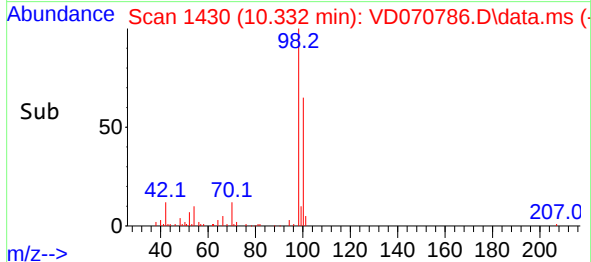
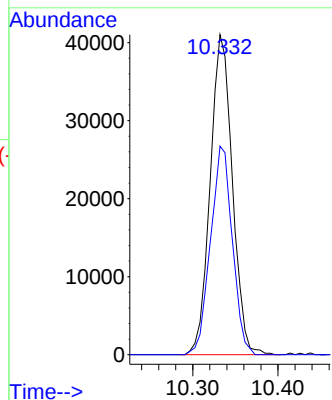
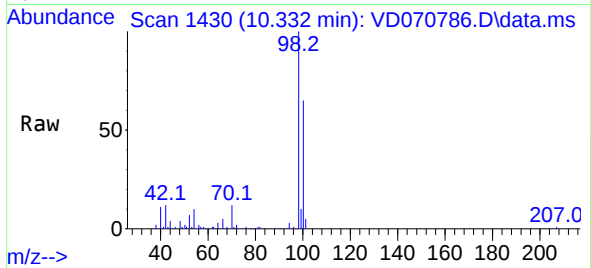




#50
Toluene-d8
Concen: 51.62 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070786.D
Acq: 20 Oct 2021 20:07

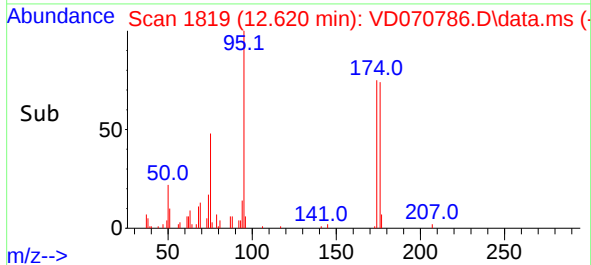
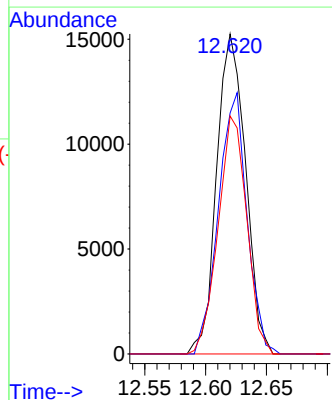
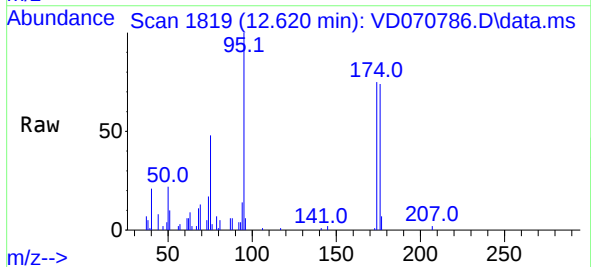
Instrument :
MSVOA_D
ClientSampled :
MH-FB-(1)

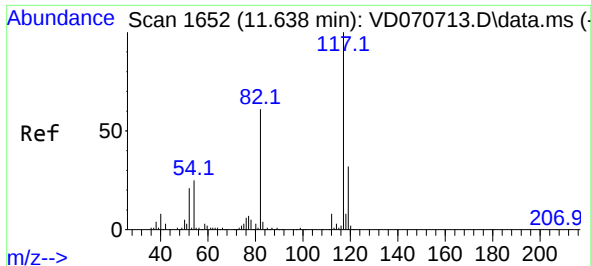
Tgt Ion: 98 Resp: 74090
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 50.94 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070786.D
Acq: 20 Oct 2021 20:07

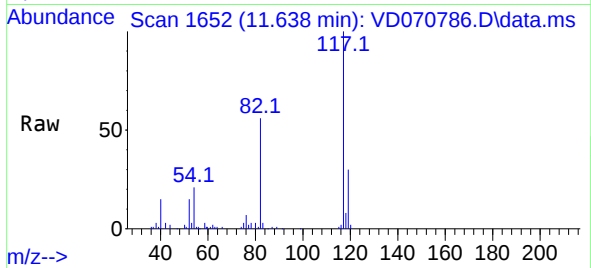
Tgt Ion: 95 Resp: 25175
Ion Ratio Lower Upper
95 100
174 80.8 0.0 138.0
176 73.8 0.0 135.6



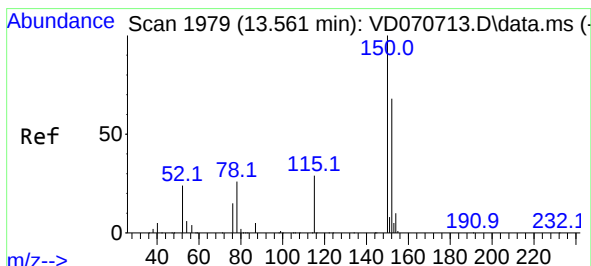
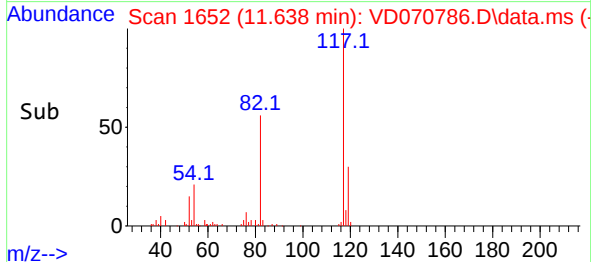
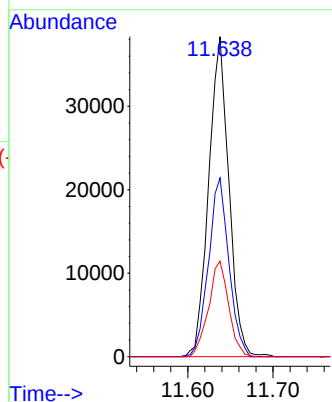


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070786.D
Acq: 20 Oct 2021 20:07

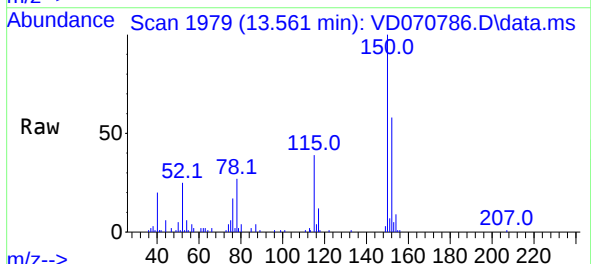
Instrument :
MSVOA_D
ClientSampleId :
MH-FB-(1)



Tgt Ion:	117	Resp:	63292
Ion	Ratio	Lower	Upper
117	100		
82	55.8	45.4	68.2
119	29.9	24.7	37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070786.D
Acq: 20 Oct 2021 20:07



Tgt Ion:	152	Resp:	26571
Ion	Ratio	Lower	Upper
152	100		
115	62.4	31.9	95.7
150	156.2	0.0	350.0

