

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102021\
 Data File : VD070783.D
 Acq On : 20 Oct 2021 18:42
 Operator : VA/SY
 Sample : M4285-07
 Misc : 4.54G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Oct 21 05:40:58 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	125105	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	223869	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	242394	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	104551	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	125935	84.99	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	169.98%#
35) Dibromofluoromethane	7.914	113	90067	62.83	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	125.66%
50) Toluene-d8	10.332	98	295930	53.86	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.72%
62) 4-Bromofluorobenzene	12.620	95	102534	54.19	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.38%

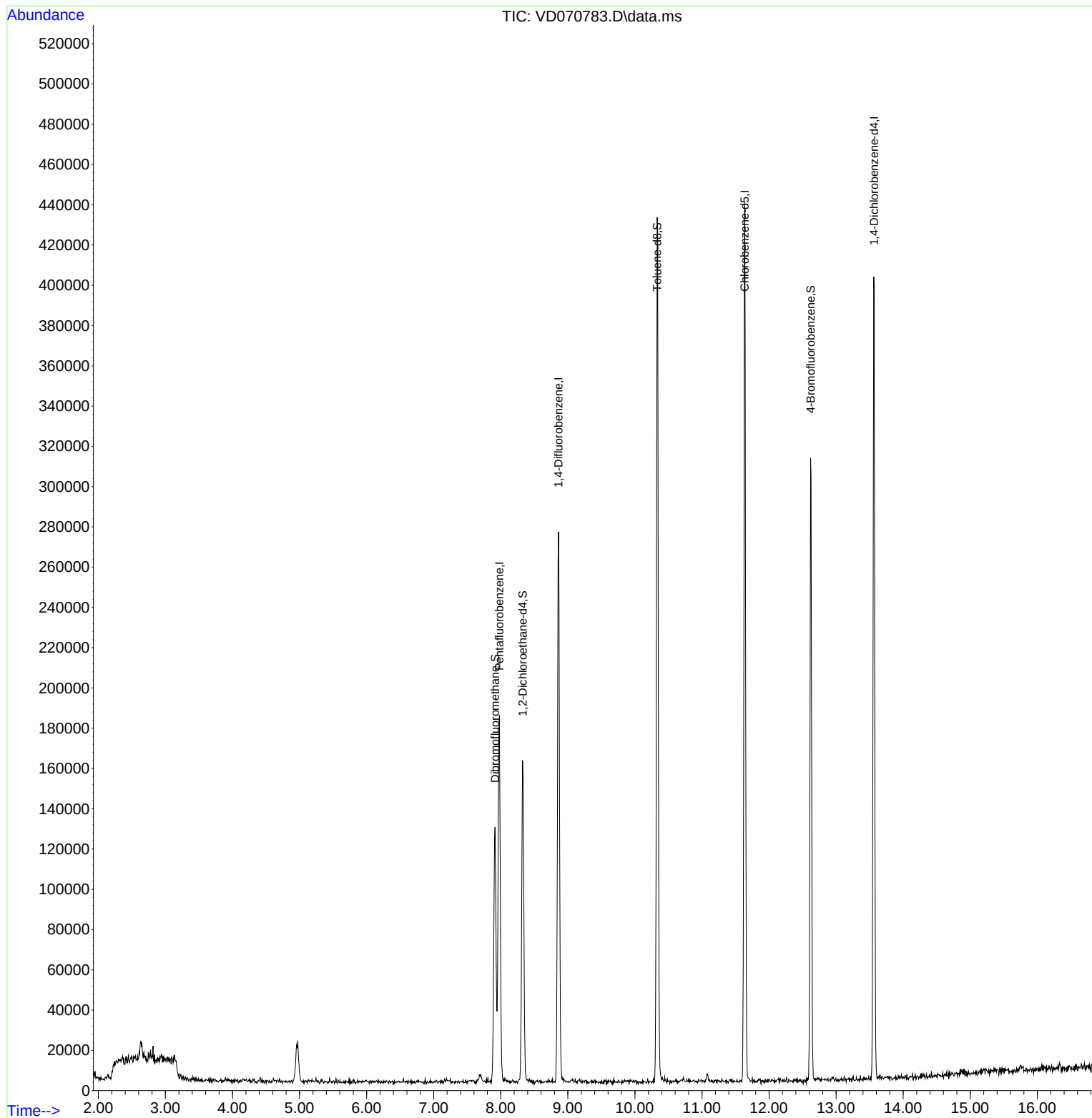
Target Compounds	Qvalue

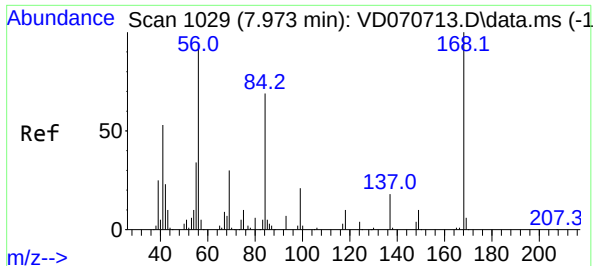
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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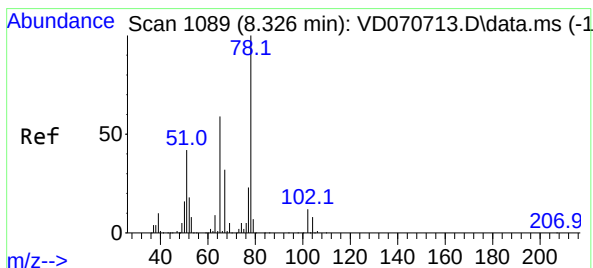
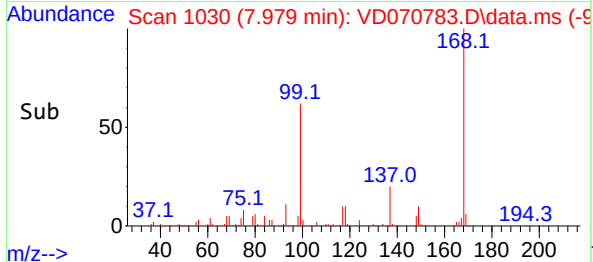
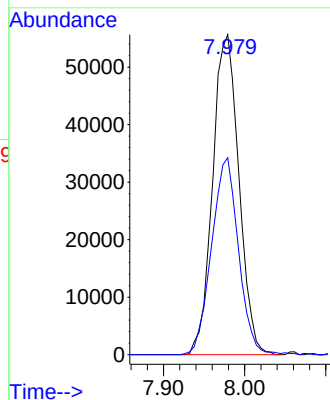
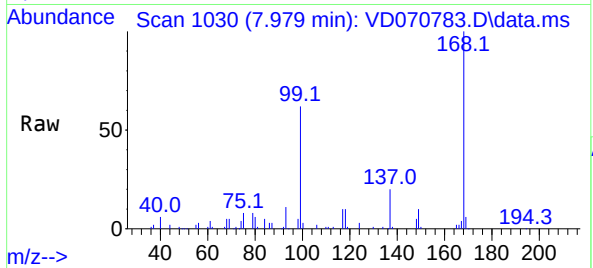




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD070783.D
Acq: 20 Oct 2021 18:42

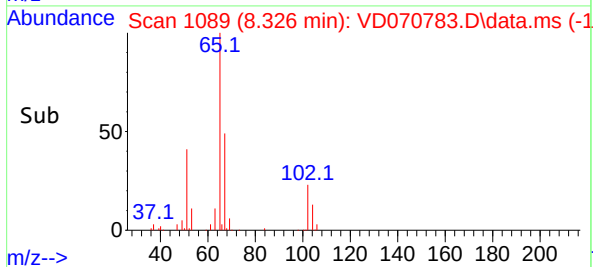
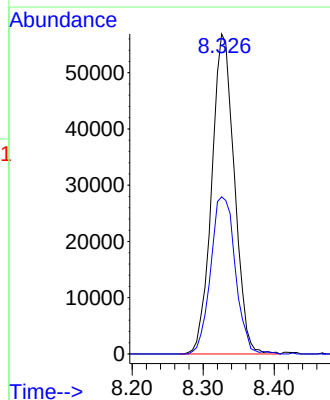
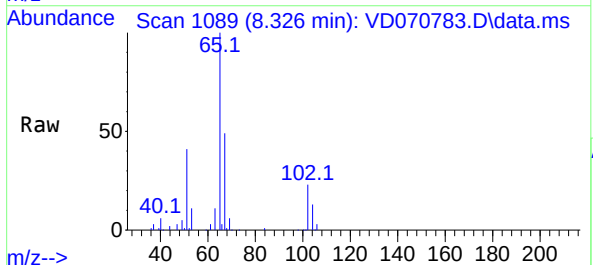
Instrument :
MSVOA_D
ClientSampleId :
MH-FA-(1)

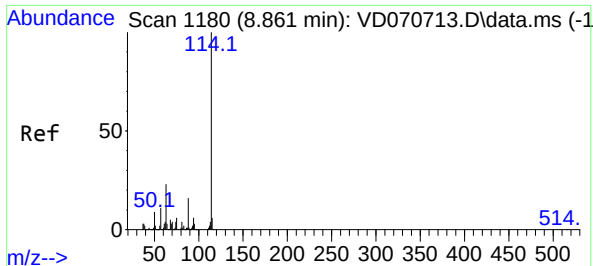
Tgt Ion:168 Resp: 125105
Ion Ratio Lower Upper
168 100
99 61.6 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 84.99 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070783.D
Acq: 20 Oct 2021 18:42

Tgt Ion: 65 Resp: 125935
Ion Ratio Lower Upper
65 100
67 53.5 0.0 110.2



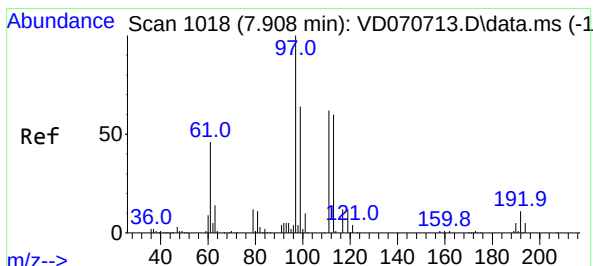
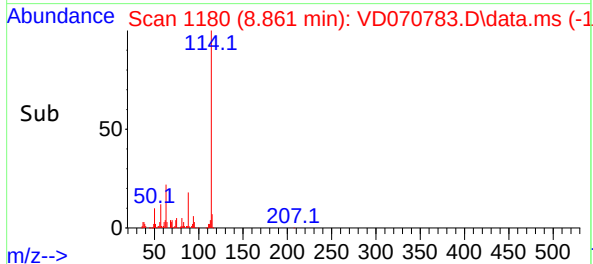
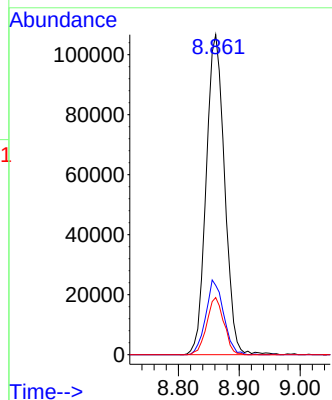
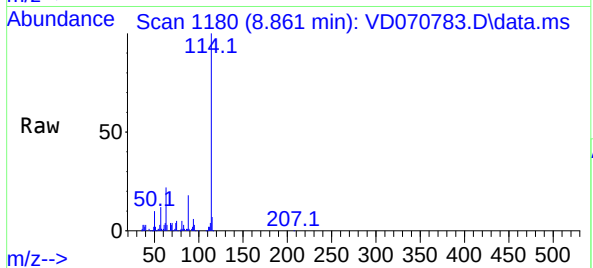


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070783.D
Acq: 20 Oct 2021 18:42

Instrument :
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ClientSampleId :
MH-FA-(1)

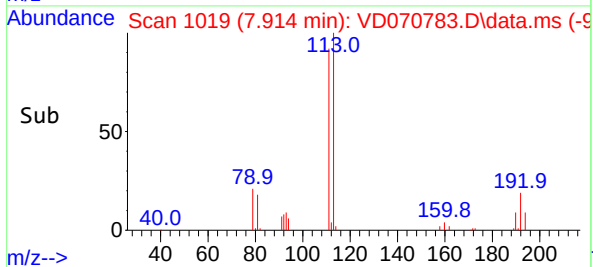
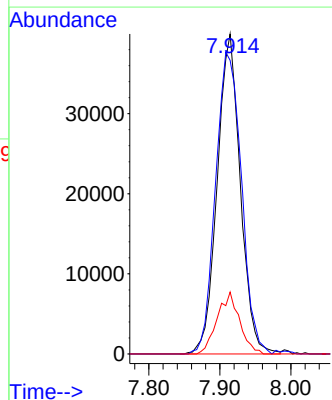
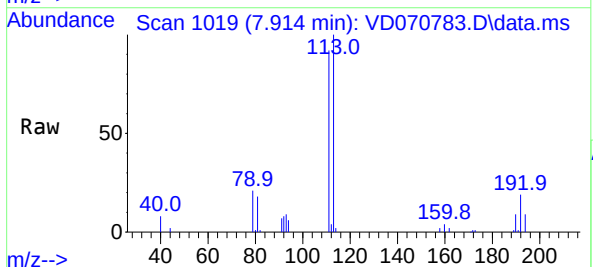
Tgt Ion:114 Resp: 223869
Ion Ratio Lower Upper
114 100
63 21.6 0.0 41.8
88 17.9 0.0 32.6

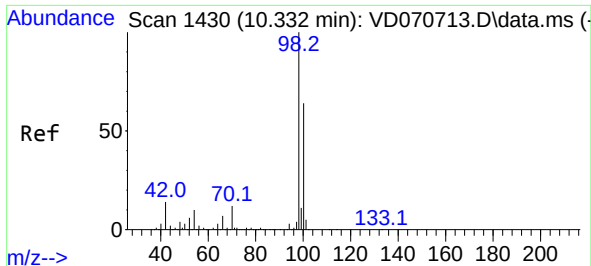


#35

Dibromofluoromethane
Concen: 62.83 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD070783.D
Acq: 20 Oct 2021 18:42

Tgt Ion:113 Resp: 90067
Ion Ratio Lower Upper
113 100
111 105.6 83.1 124.7
192 18.8 12.7 19.1

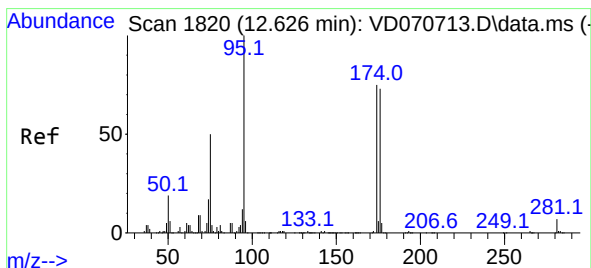
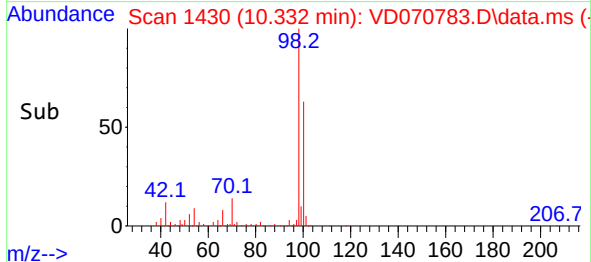
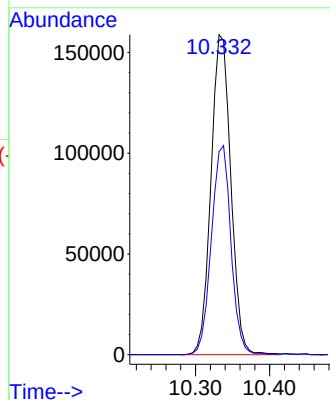
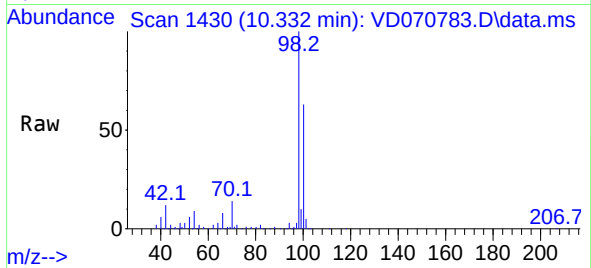




#50
Toluene-d8
Concen: 53.86 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070783.D
Acq: 20 Oct 2021 18:42

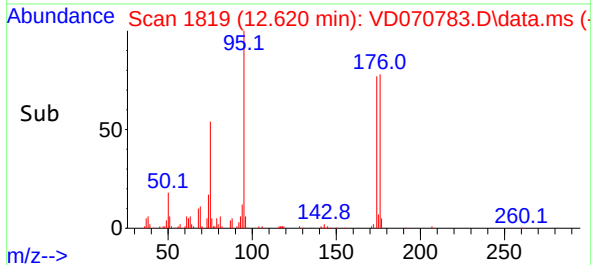
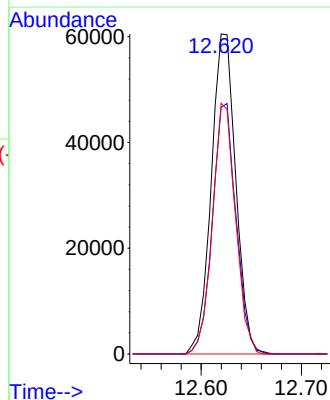
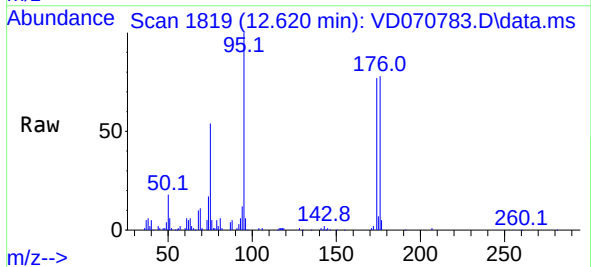
Instrument :
MSVOA_D
ClientSampleId :
MH-FA-(1)

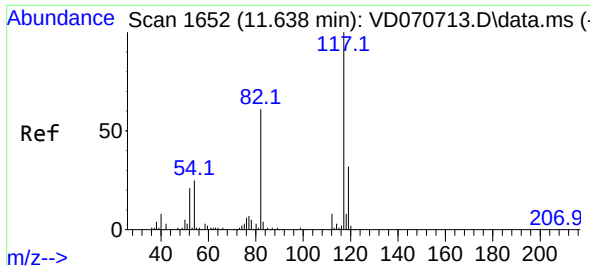
Tgt Ion: 98 Resp: 295930
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 54.19 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070783.D
Acq: 20 Oct 2021 18:42

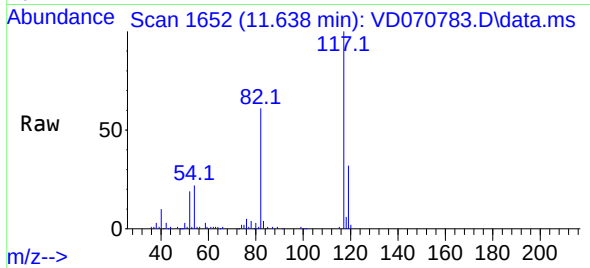
Tgt Ion: 95 Resp: 102534
Ion Ratio Lower Upper
95 100
174 75.6 0.0 138.0
176 73.6 0.0 135.6





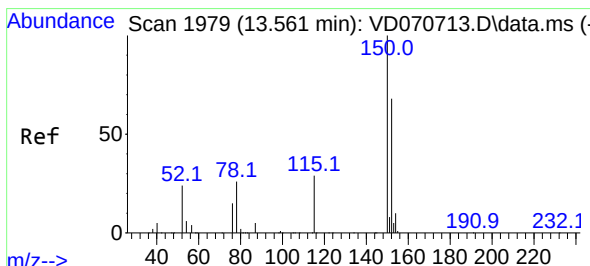
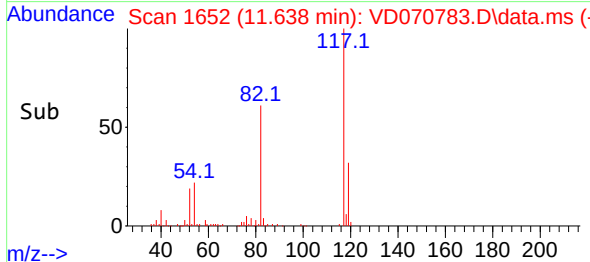
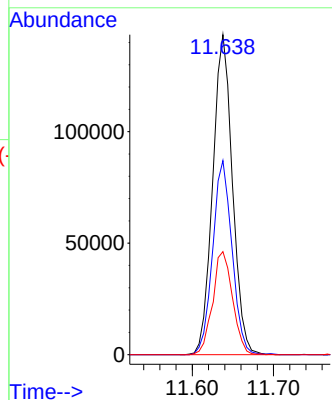
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070783.D
Acq: 20 Oct 2021 18:42

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

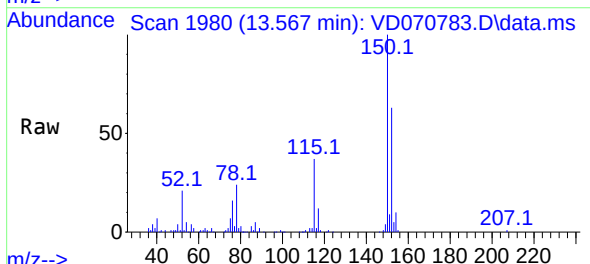


Tgt Ion:117 Resp: 242394

Ion	Ratio	Lower	Upper
117	100		
82	60.7	45.4	68.2
119	32.2	24.7	37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD070783.D
Acq: 20 Oct 2021 18:42



Tgt Ion:152 Resp: 104551

Ion	Ratio	Lower	Upper
152	100		
115	62.5	31.9	95.7
150	161.0	0.0	350.0

