

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102221\
 Data File : VD070818.D
 Acq On : 22 Oct 2021 11:57
 Operator : VA/SY
 Sample : M4297-01
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-10202021

Quant Time: Oct 23 04:10:09 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	440996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	796344	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	729177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	266649	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	289040	55.337	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.680%
35) Dibromofluoromethane	7.908	113	262279	51.437	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.880%
50) Toluene-d8	10.332	98	1036443	53.025	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.040%
62) 4-Bromofluorobenzene	12.620	95	311472	46.278	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.560%

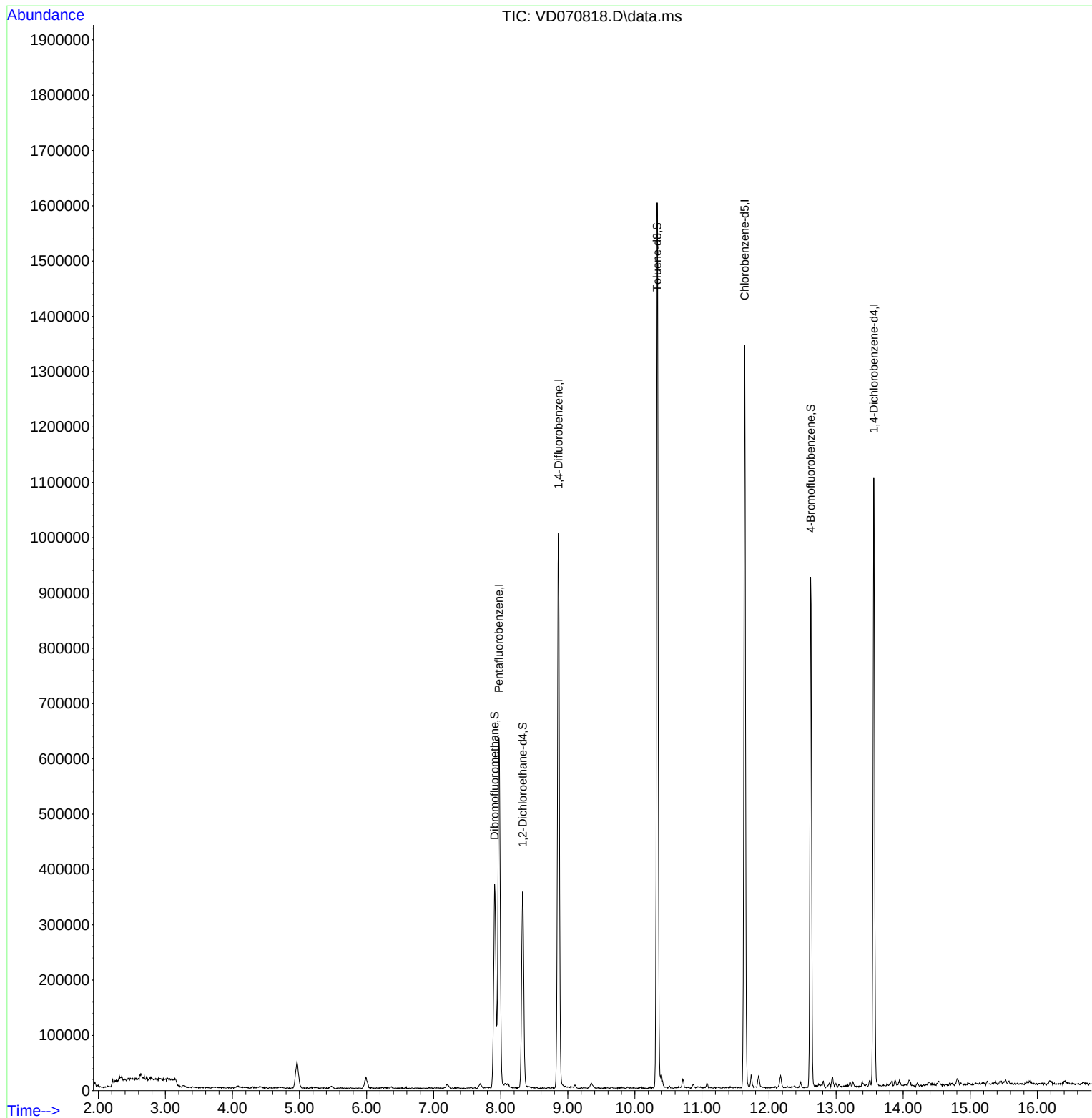
Target Compounds	Qvalue

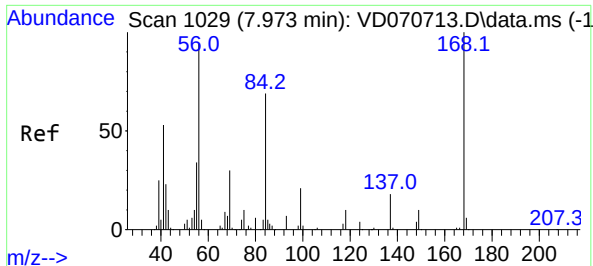
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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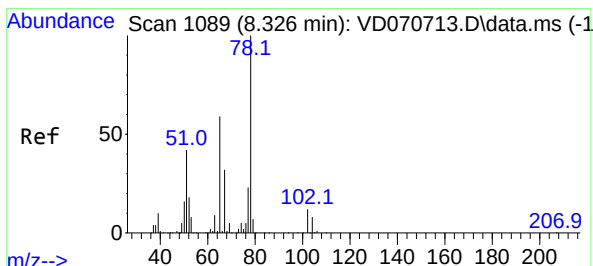
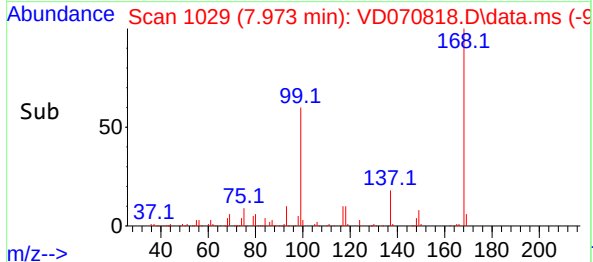
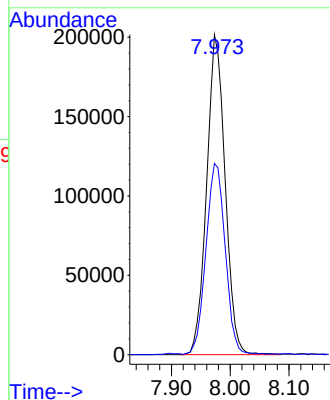
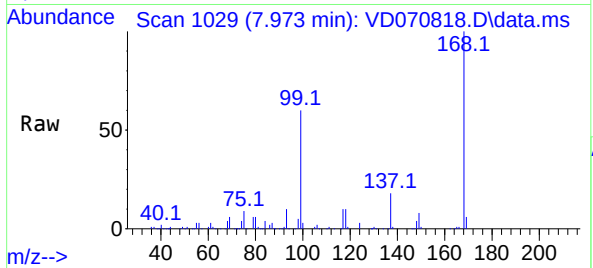




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD070818.D
Acq: 22 Oct 2021 11:57

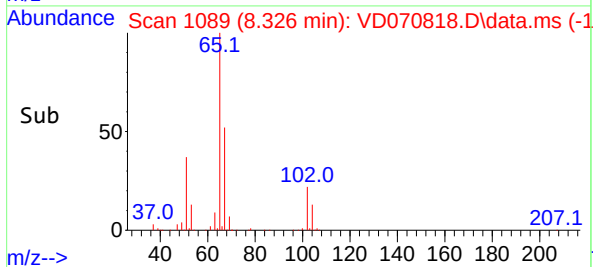
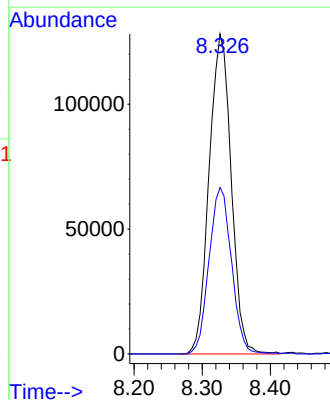
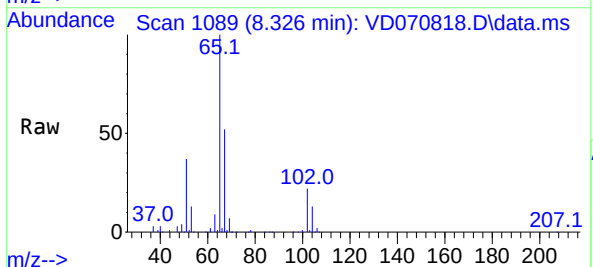
Instrument :
MSVOA_D
ClientSampleId :
TR-04-10202021

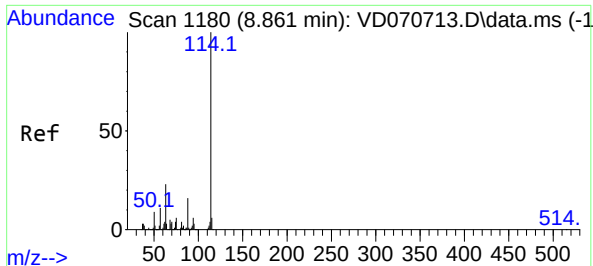
Tgt Ion:168 Resp: 440996
Ion Ratio Lower Upper
168 100
99 59.5 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 55.337 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070818.D
Acq: 22 Oct 2021 11:57

Tgt Ion: 65 Resp: 289040
Ion Ratio Lower Upper
65 100
67 53.0 0.0 110.2



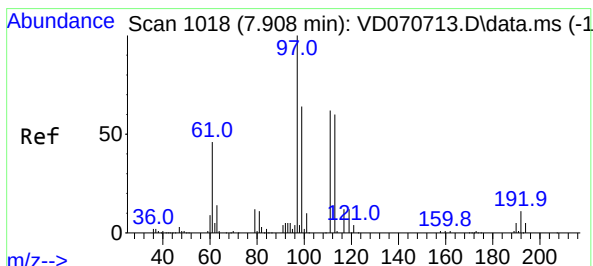
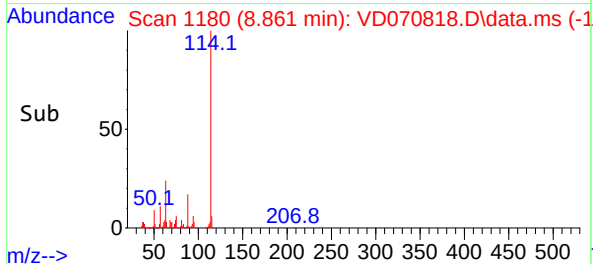
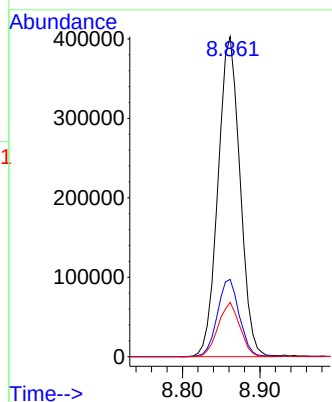
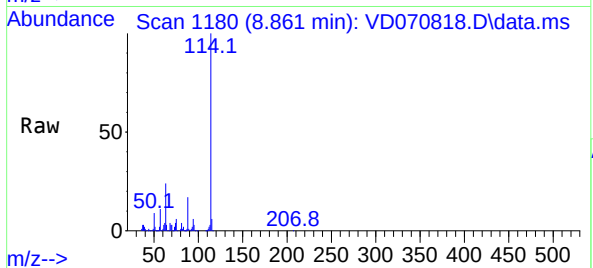


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070818.D
Acq: 22 Oct 2021 11:57

Instrument :
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TR-04-10202021

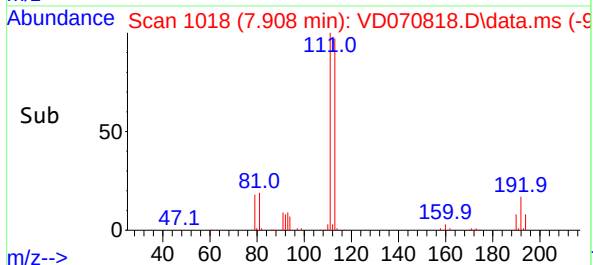
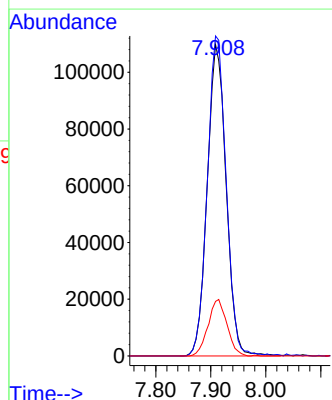
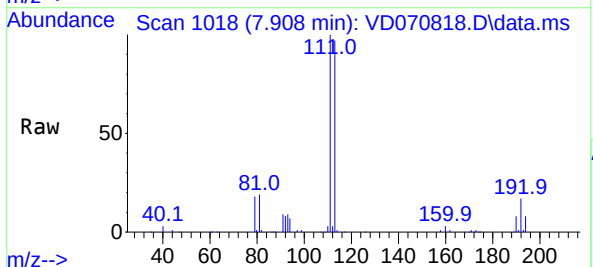
Tgt Ion:114 Resp: 796344
Ion Ratio Lower Upper
114 100
63 24.2 0.0 41.8
88 16.9 0.0 32.6

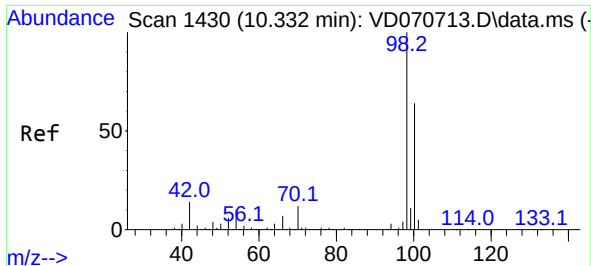


#35

Dibromofluoromethane
Concen: 51.437 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD070818.D
Acq: 22 Oct 2021 11:57

Tgt Ion:113 Resp: 262279
Ion Ratio Lower Upper
113 100
111 102.5 83.1 124.7
192 18.2 12.7 19.1

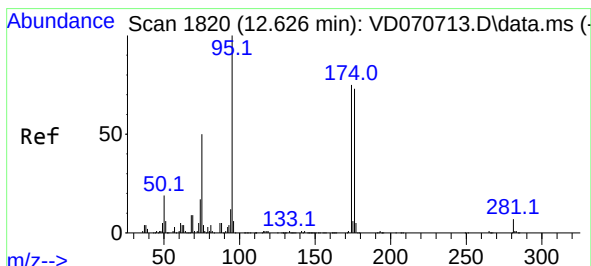
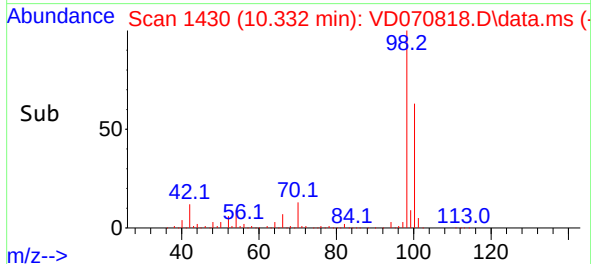
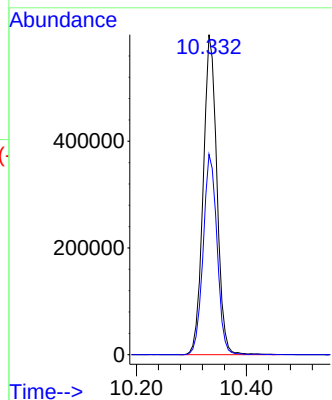
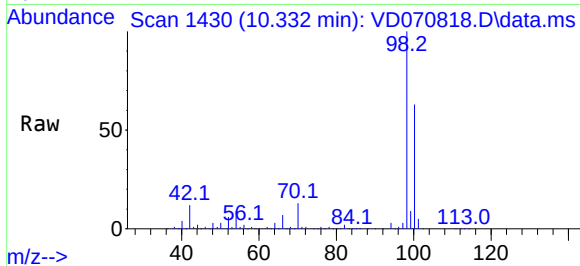




#50
Toluene-d8
Concen: 53.025 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070818.D
Acq: 22 Oct 2021 11:57

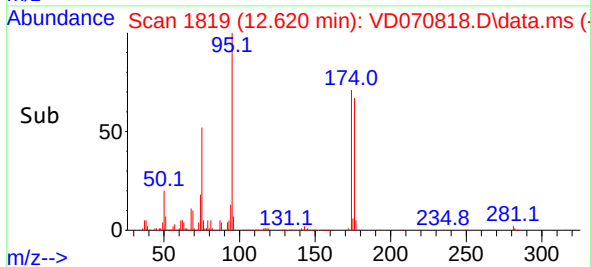
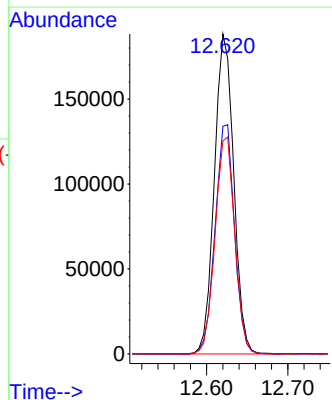
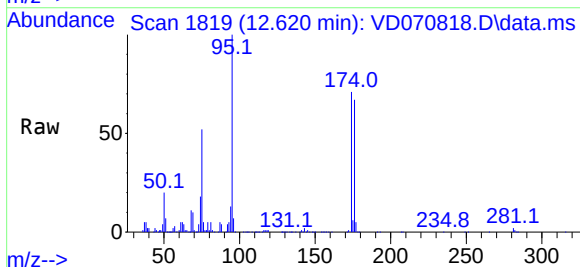
Instrument :
MSVOA_D
ClientSampleId :
TR-04-10202021

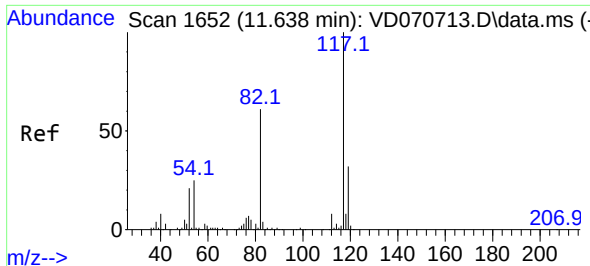
Tgt Ion: 98 Resp: 1036443
Ion Ratio Lower Upper
98 100
100 63.4 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 46.278 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070818.D
Acq: 22 Oct 2021 11:57

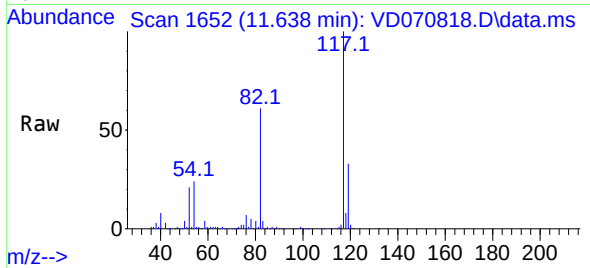
Tgt Ion: 95 Resp: 311472
Ion Ratio Lower Upper
95 100
174 72.1 0.0 138.0
176 69.1 0.0 135.6



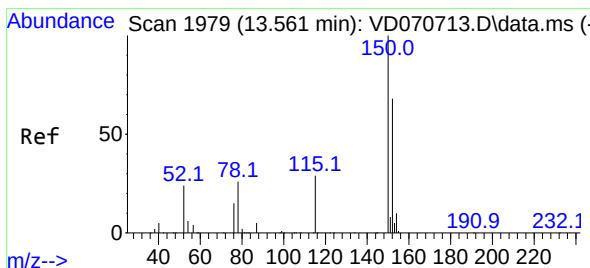
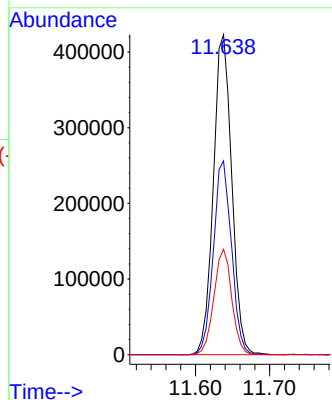
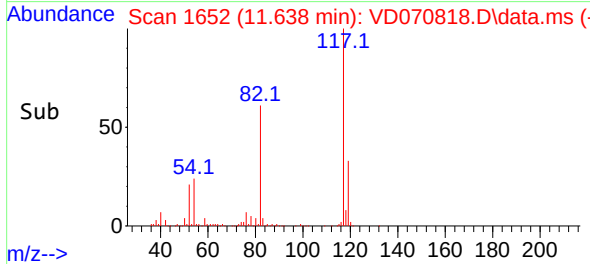


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070818.D
Acq: 22 Oct 2021 11:57

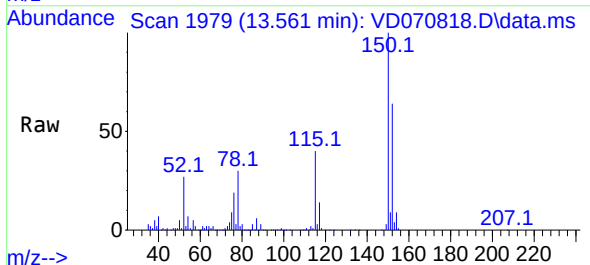
Instrument :
MSVOA_D
ClientSampleId :
TR-04-10202021



Tgt Ion:117 Resp: 729177
Ion Ratio Lower Upper
117 100
82 60.5 45.4 68.2
119 33.0 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: VD070818.D
Acq: 22 Oct 2021 11:57



Tgt Ion:152 Resp: 266649
Ion Ratio Lower Upper
152 100
115 61.8 31.9 95.7
150 157.4 0.0 350.0

