

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101821\
 Data File : VD070737.D
 Acq On : 18 Oct 2021 18:37
 Operator : VA/SY
 Sample : M4252-04
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TEST-BB-(1)

Quant Time: Oct 19 06:42:16 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	375294	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	748178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	715012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	301882	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	259052	58.278	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.560%
35) Dibromofluoromethane	7.908	113	251897	52.581	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.160%
50) Toluene-d8	10.338	98	992715	54.057	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.120%
62) 4-Bromofluorobenzene	12.626	95	299384	47.346	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.700%

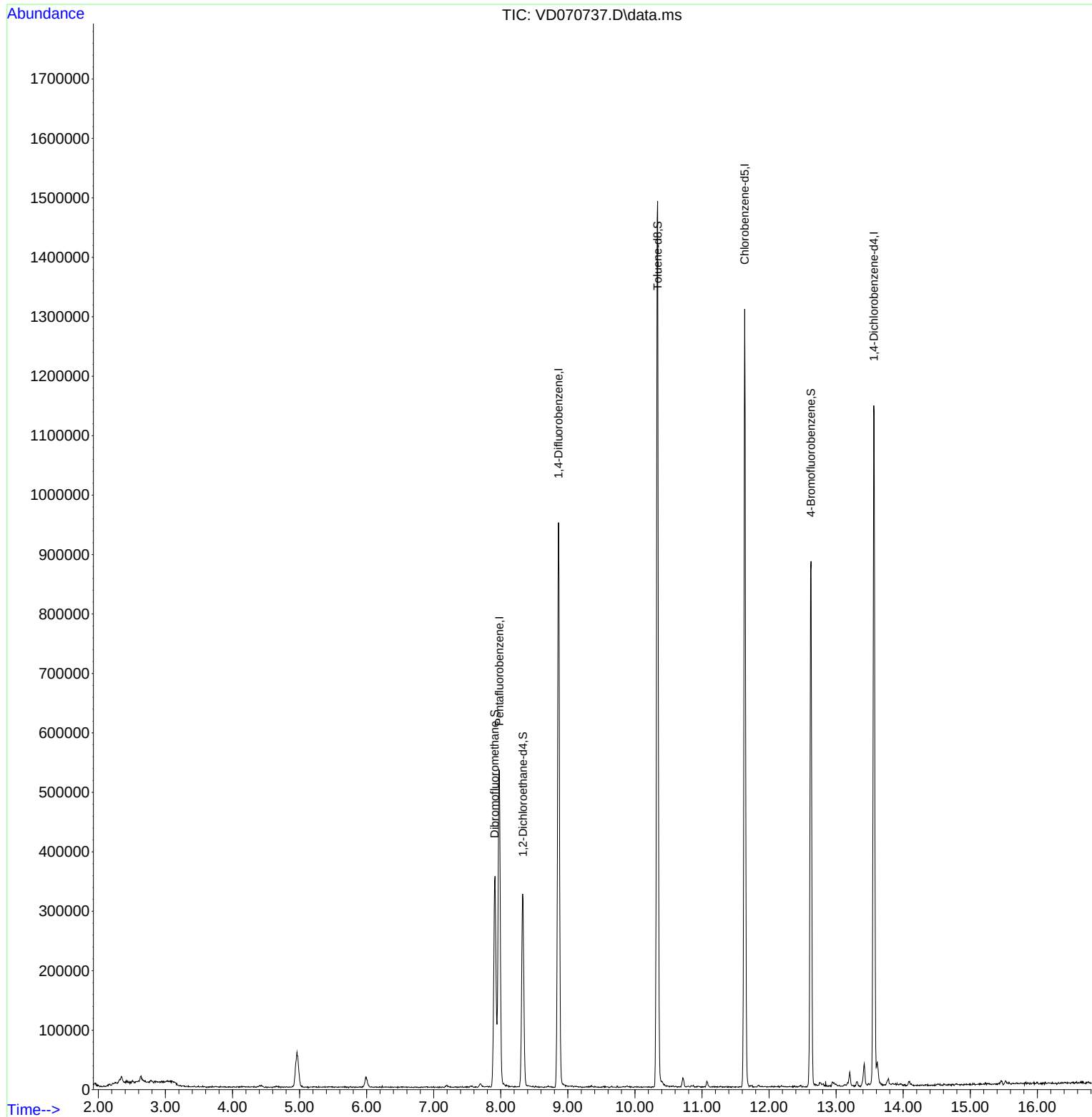
Target Compounds	Qvalue

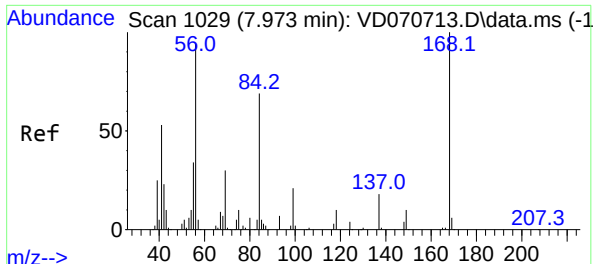
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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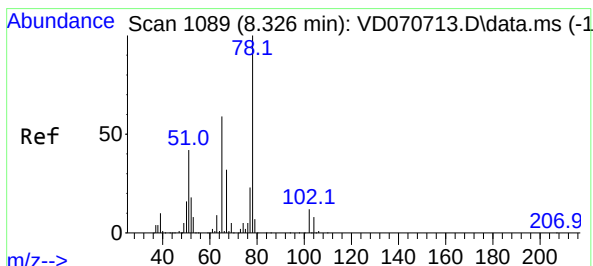
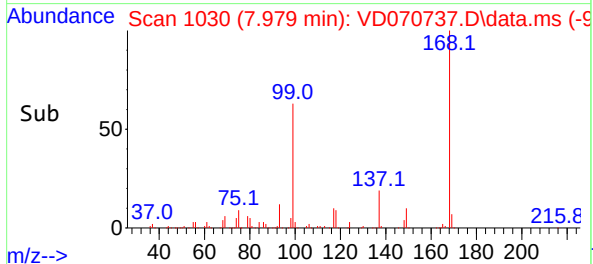
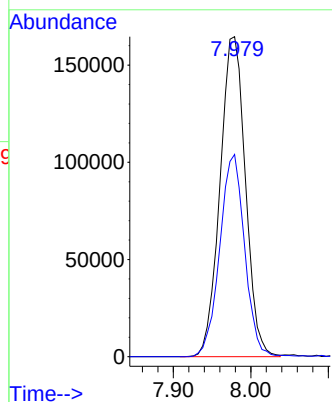
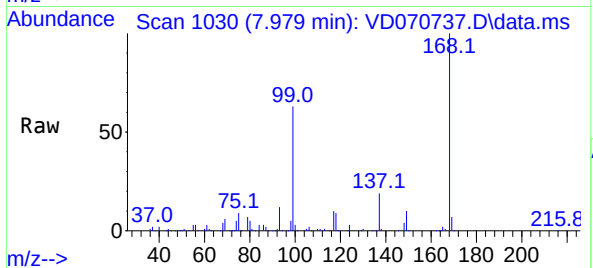




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD070737.D
Acq: 18 Oct 2021 18:37

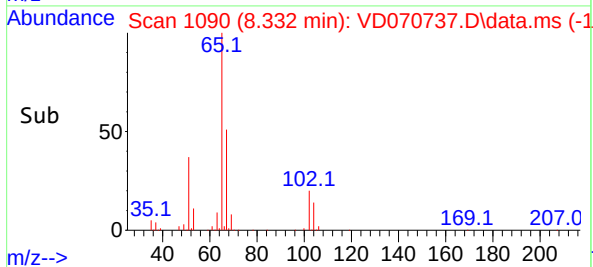
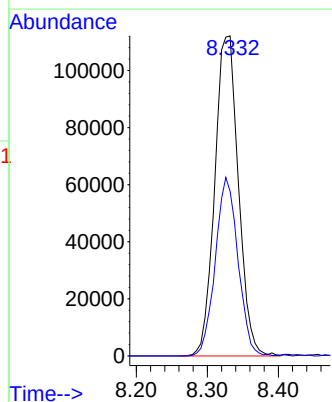
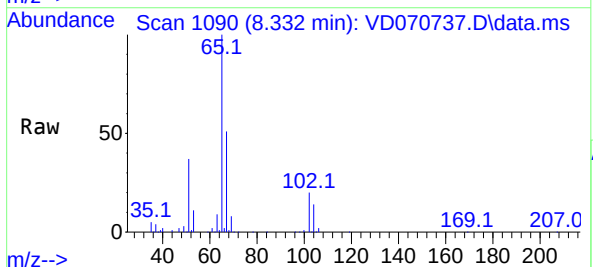
Instrument :
MSVOA_D
ClientSampleId :
TEST-BB-(1)

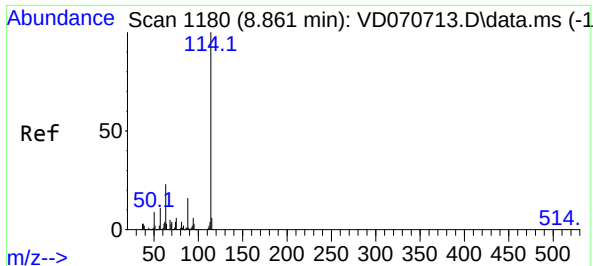
Tgt Ion:168 Resp: 375294
Ion Ratio Lower Upper
168 100
99 63.2 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 58.278 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070737.D
Acq: 18 Oct 2021 18:37

Tgt Ion: 65 Resp: 259052
Ion Ratio Lower Upper
65 100
67 53.3 0.0 110.2



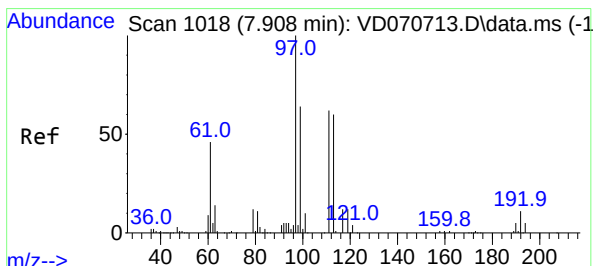
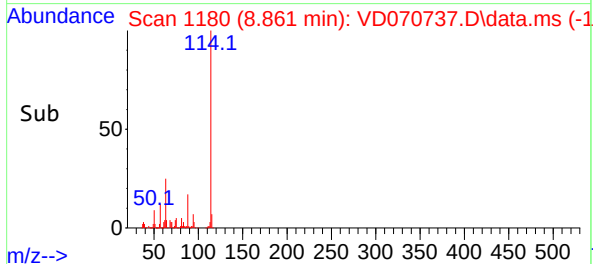
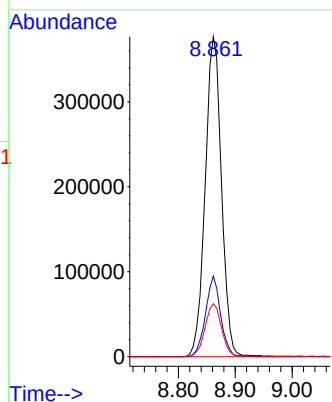
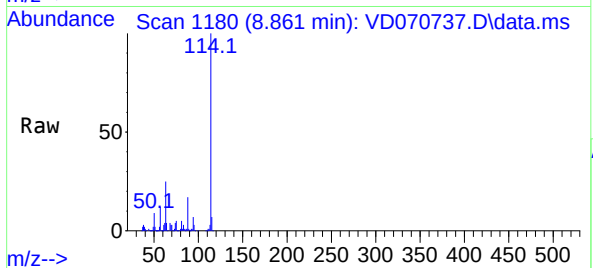


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070737.D
Acq: 18 Oct 2021 18:37

Instrument :
MSVOA_D
ClientSampleId :
TEST-BB-(1)

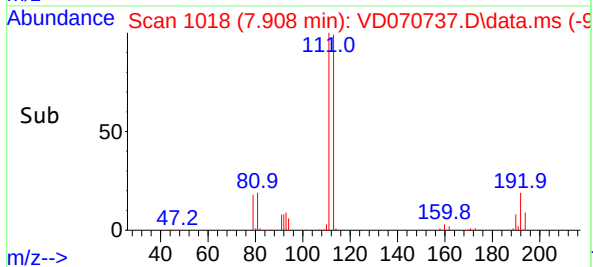
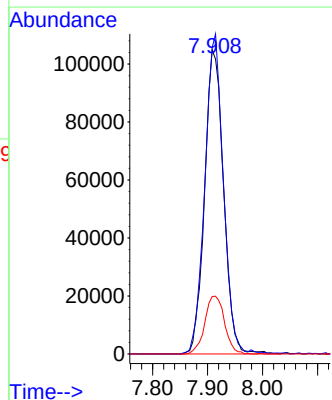
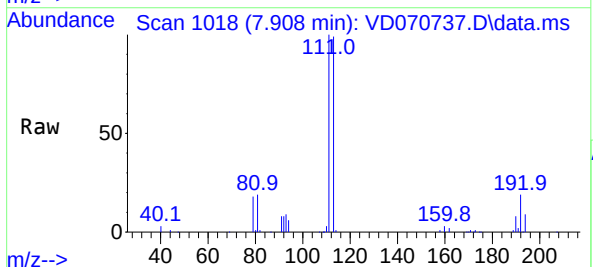
Tgt Ion:114 Resp: 748178
Ion Ratio Lower Upper
114 100
63 25.2 0.0 41.8
88 16.6 0.0 32.6

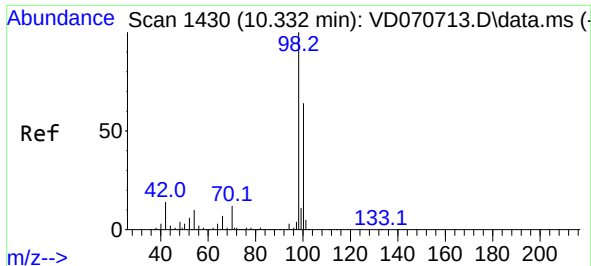


#35

Dibromofluoromethane
Concen: 52.581 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD070737.D
Acq: 18 Oct 2021 18:37

Tgt Ion:113 Resp: 251897
Ion Ratio Lower Upper
113 100
111 102.1 83.1 124.7
192 19.7 12.7 19.1#

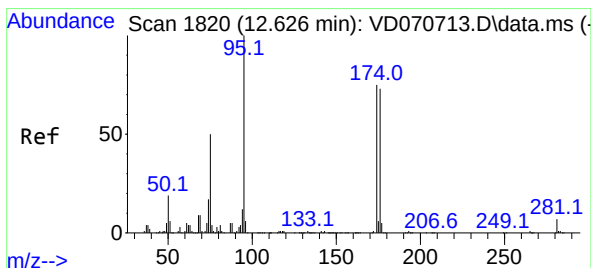
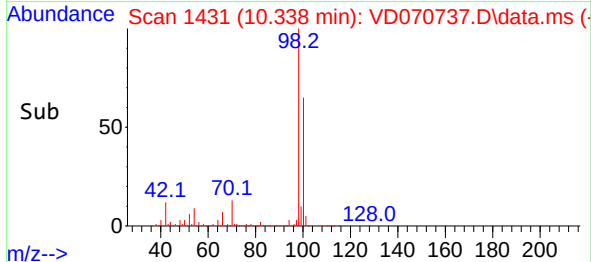
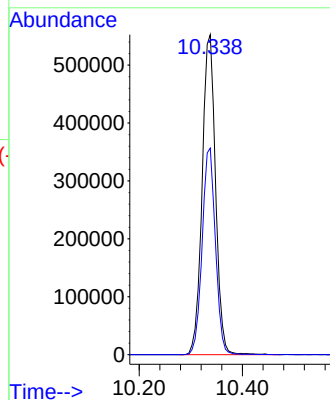
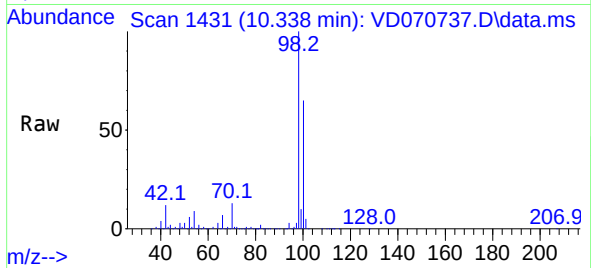




#50
Toluene-d8
Concen: 54.057 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070737.D
Acq: 18 Oct 2021 18:37

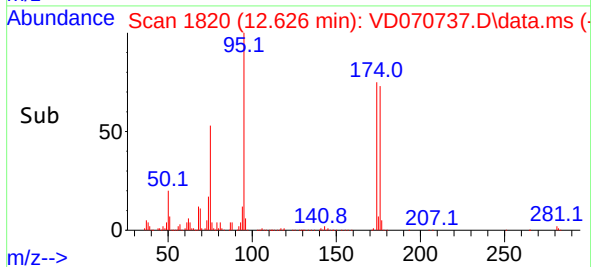
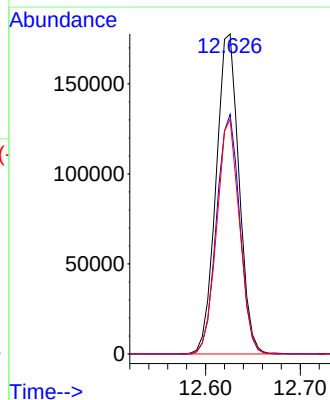
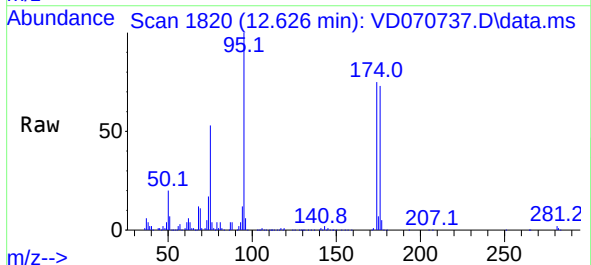
Instrument :
MSVOA_D
ClientSampleId :
TEST-BB-(1)

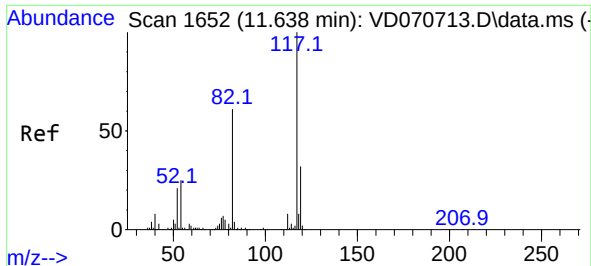
Tgt Ion: 98 Resp: 992715
Ion Ratio Lower Upper
98 100
100 64.1 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 47.346 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070737.D
Acq: 18 Oct 2021 18:37

Tgt Ion: 95 Resp: 299384
Ion Ratio Lower Upper
95 100
174 75.3 0.0 138.0
176 72.7 0.0 135.6

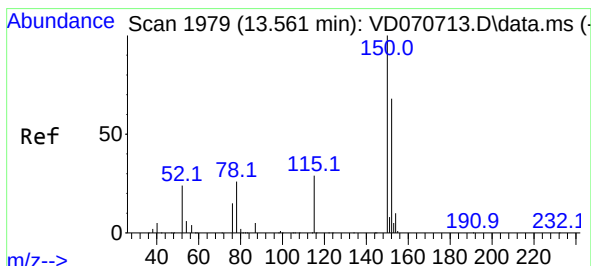
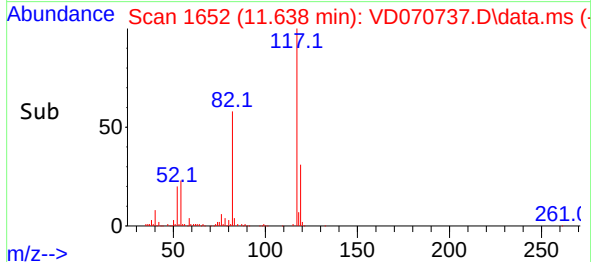
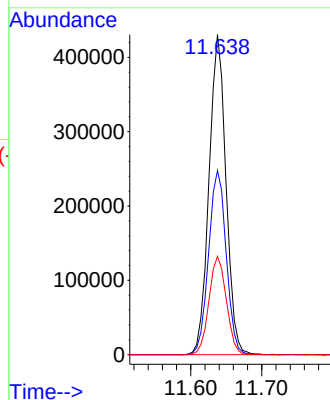
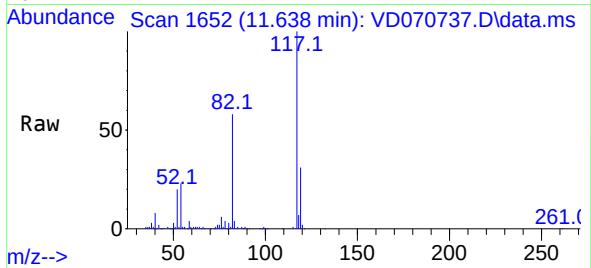




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070737.D
Acq: 18 Oct 2021 18:37

Instrument :
MSVOA_D
ClientSampleId :
TEST-BB-(1)

Tgt Ion:	117	Resp:	715012
Ion	Ratio	Lower	Upper
117	100		
82	57.6	45.4	68.2
119	30.7	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: VD070737.D
Acq: 18 Oct 2021 18:37

Tgt Ion:	152	Resp:	301882
Ion	Ratio	Lower	Upper
152	100		
115	62.5	31.9	95.7
150	159.0	0.0	350.0

