

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102221\
 Data File : VD070821.D
 Acq On : 22 Oct 2021 13:22
 Operator : VA/SY
 Sample : M4295-02RE
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-251686RE

Quant Time: Oct 23 04:10:54 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	169066	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	316308	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	321317	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	145438	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	170912	85.351	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 170.700%#	
35) Dibromofluoromethane	7.914	113	124299	61.372	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.740%	
50) Toluene-d8	10.338	98	428443	55.185	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.360%	
62) 4-Bromofluorobenzene	12.626	95	136822	51.181	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.360%	

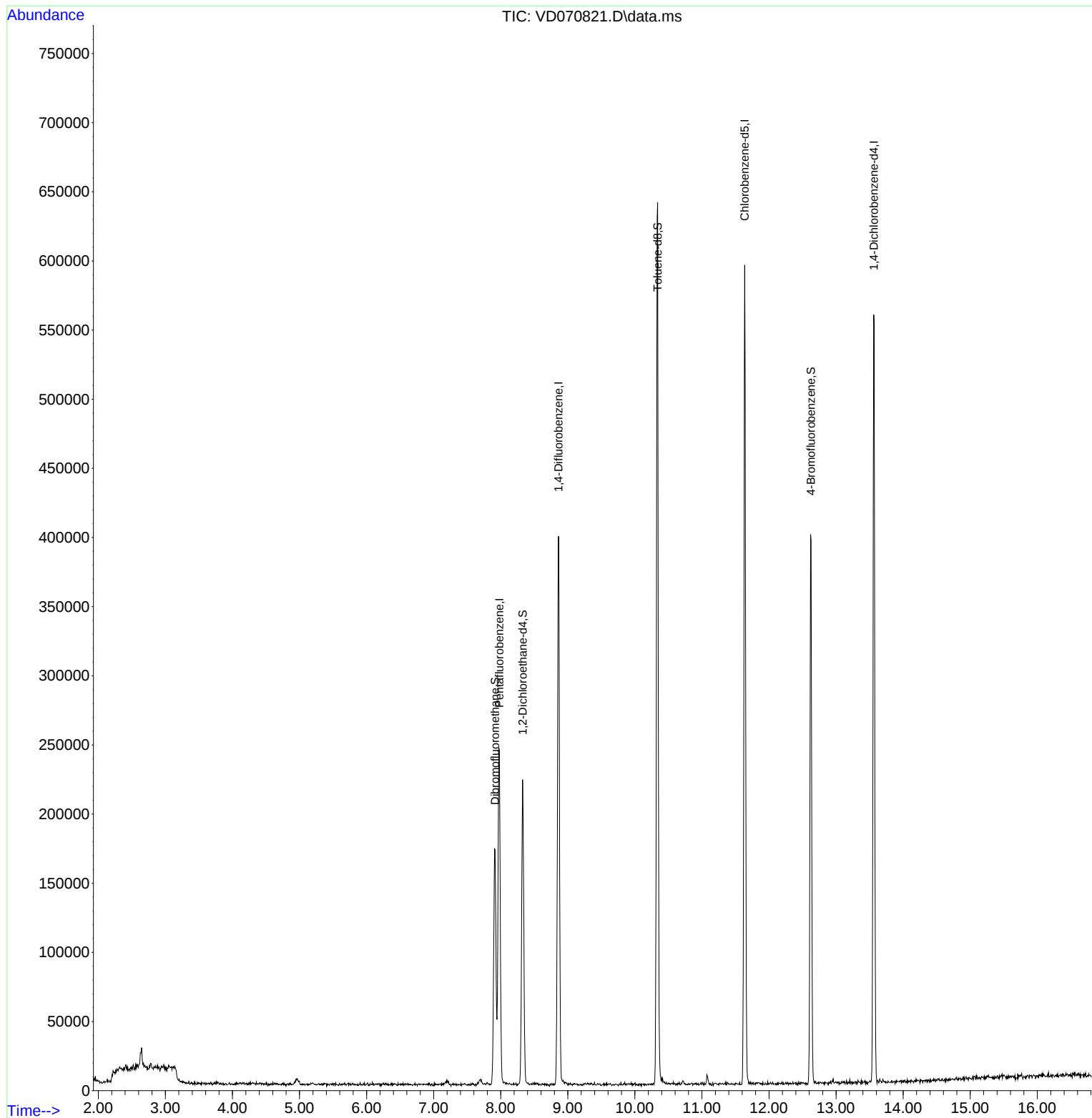
Target Compounds	Qvalue

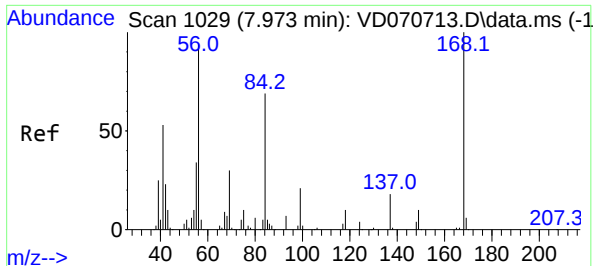
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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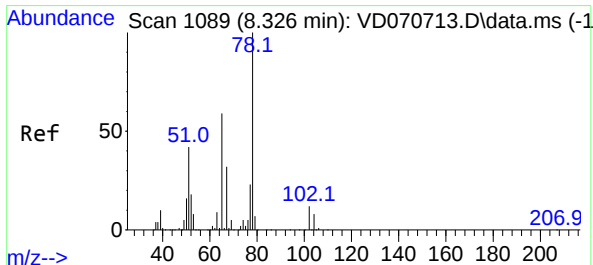
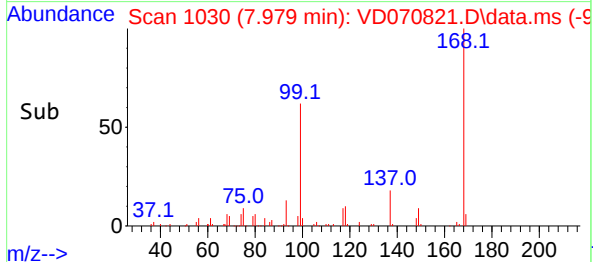
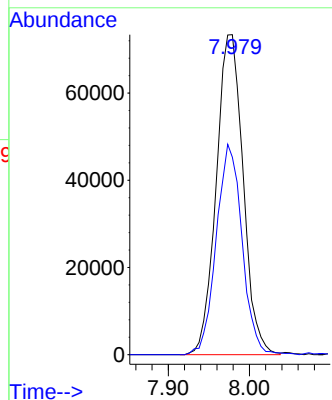
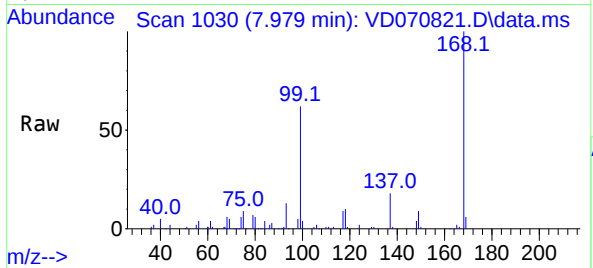




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD070821.D
Acq: 22 Oct 2021 13:22

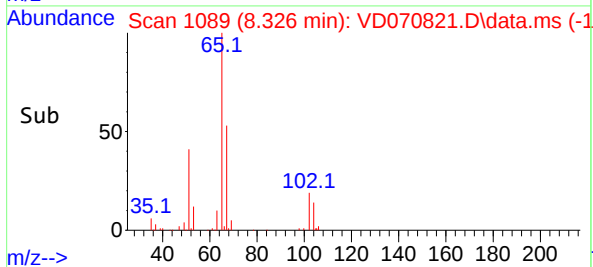
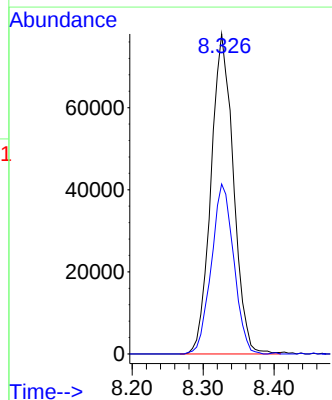
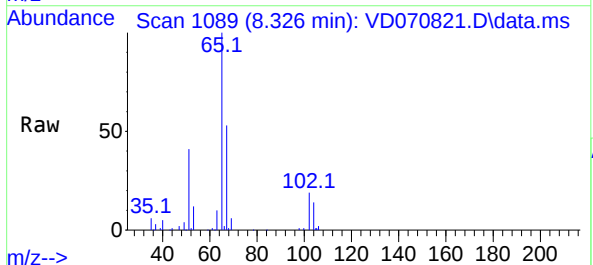
Instrument :
MSVOA_D
ClientSampleId :
RBR-251686RE

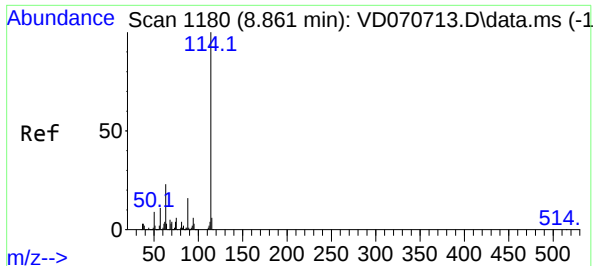
Tgt Ion:168 Resp: 169066
Ion Ratio Lower Upper
168 100
99 61.7 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 85.351 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070821.D
Acq: 22 Oct 2021 13:22

Tgt Ion: 65 Resp: 170912
Ion Ratio Lower Upper
65 100
67 52.9 0.0 110.2



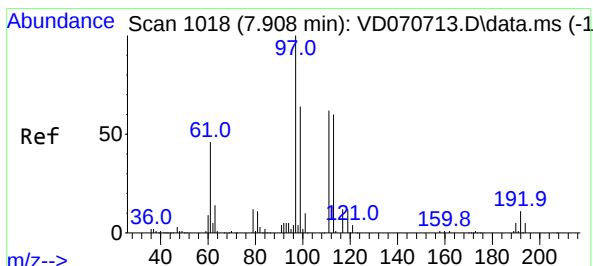
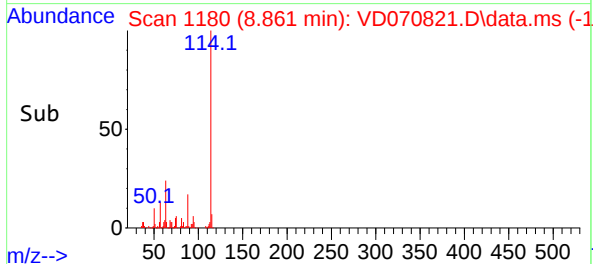
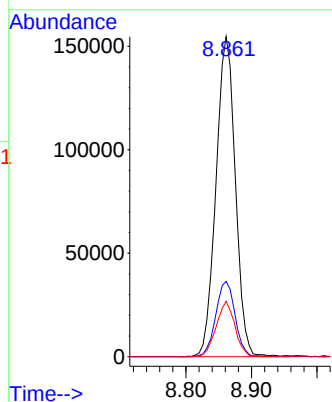
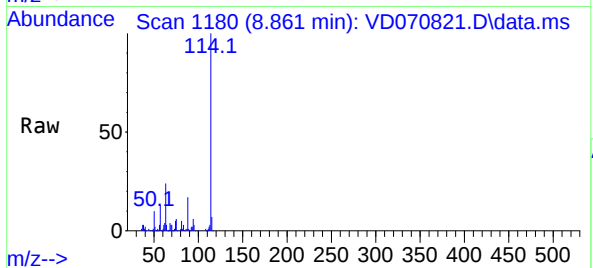


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070821.D
Acq: 22 Oct 2021 13:22

Instrument :
MSVOA_D
ClientSampleId :
RBR-251686RE

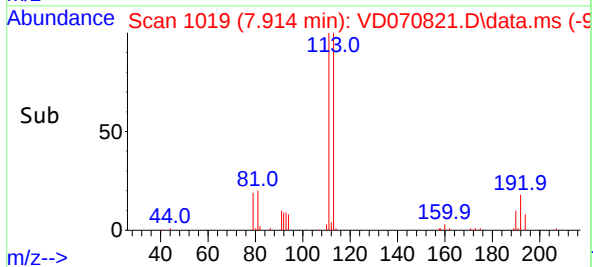
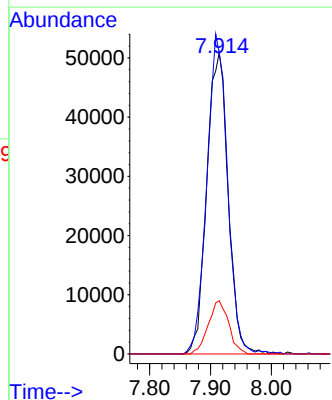
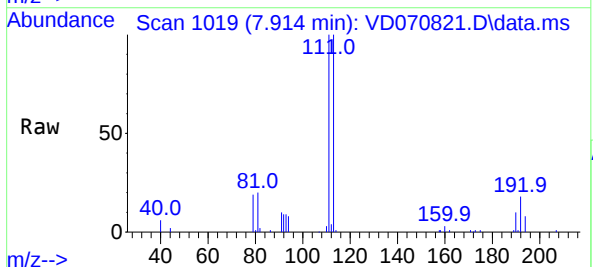
Tgt Ion:114 Resp: 316308
Ion Ratio Lower Upper
114 100
63 23.5 0.0 41.8
88 17.3 0.0 32.6

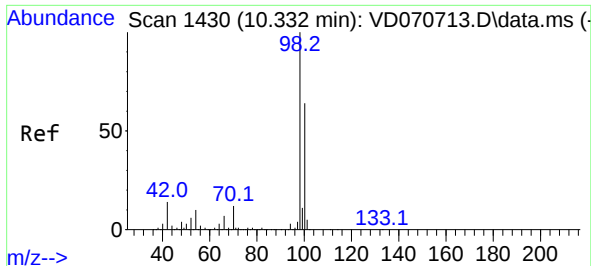


#35

Dibromofluoromethane
Concen: 61.372 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD070821.D
Acq: 22 Oct 2021 13:22

Tgt Ion:113 Resp: 124299
Ion Ratio Lower Upper
113 100
111 102.3 83.1 124.7
192 16.8 12.7 19.1

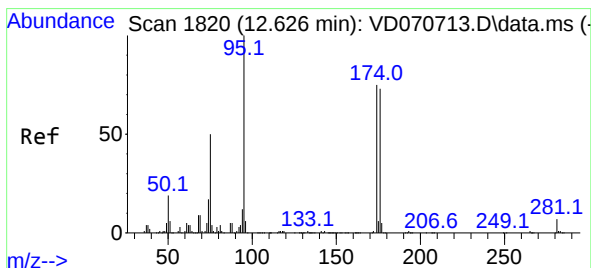
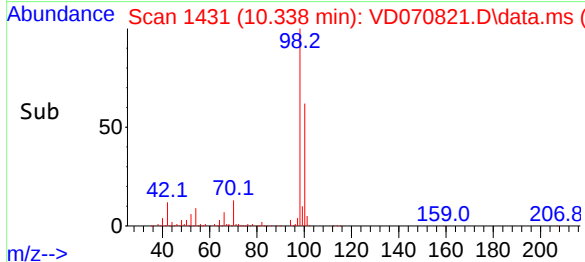
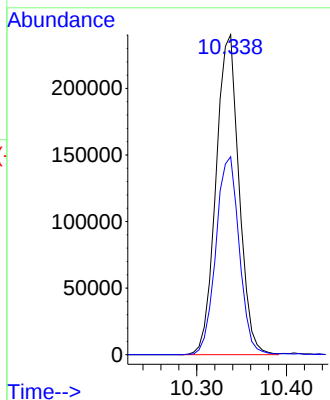
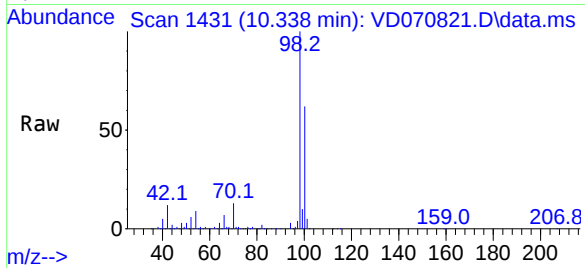




#50
Toluene-d8
Concen: 55.185 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070821.D
Acq: 22 Oct 2021 13:22

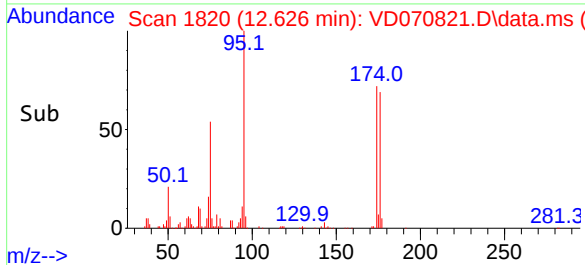
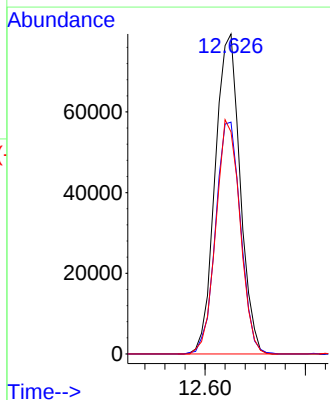
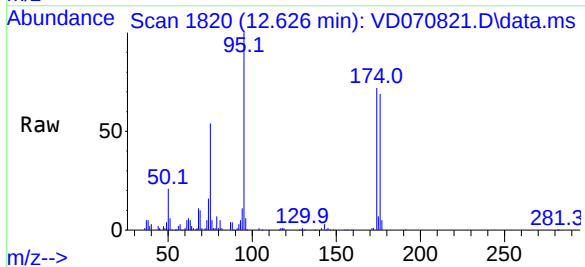
Instrument :
MSVOA_D
ClientSampleId :
RBR-251686RE

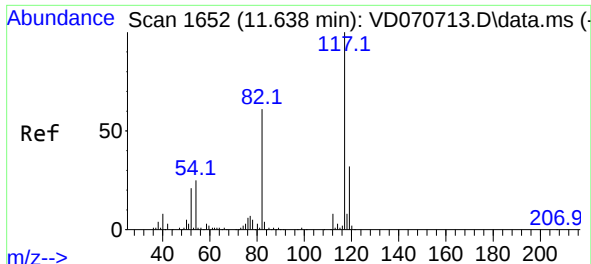
Tgt Ion: 98 Resp: 428443
Ion Ratio Lower Upper
98 100
100 62.9 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 51.181 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070821.D
Acq: 22 Oct 2021 13:22

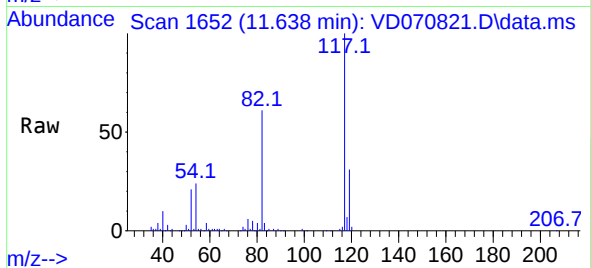
Tgt Ion: 95 Resp: 136822
Ion Ratio Lower Upper
95 100
174 72.6 0.0 138.0
176 71.0 0.0 135.6



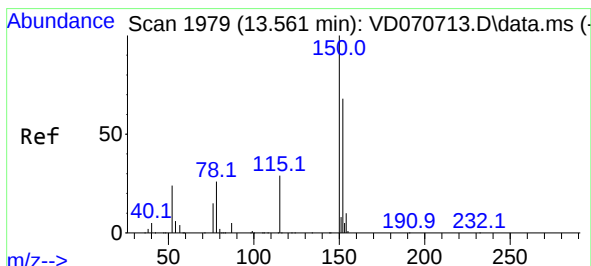
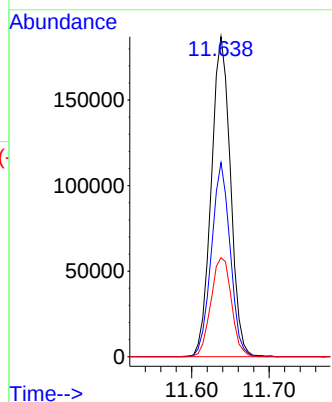
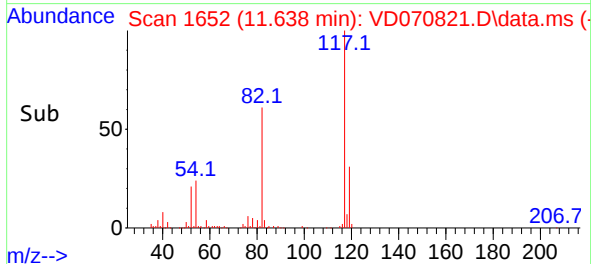


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070821.D
Acq: 22 Oct 2021 13:22

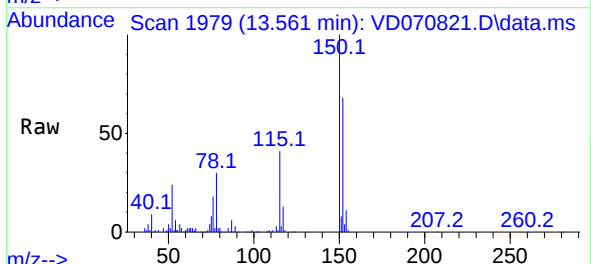
Instrument :
MSVOA_D
ClientSampleId :
RBR-251686RE



Tgt Ion:117 Resp: 321317
Ion Ratio Lower Upper
117 100
82 60.7 45.4 68.2
119 31.0 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: VD070821.D
Acq: 22 Oct 2021 13:22



Tgt Ion:152 Resp: 145438
Ion Ratio Lower Upper
152 100
115 60.7 31.9 95.7
150 156.7 0.0 350.0

