

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102021\
 Data File : VD070770.D
 Acq On : 20 Oct 2021 12:33
 Operator : VA/SY
 Sample : M4274-07
 Misc : 5.87G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-2-DS

Quant Time: Oct 21 05:37:11 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	478340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	857366	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	803025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	330823	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	287936	50.82	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.64%
35) Dibromofluoromethane	7.914	113	272911	49.71	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.42%
50) Toluene-d8	10.332	98	1102469	52.39	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.78%
62) 4-Bromofluorobenzene	12.626	95	336305	46.41	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.82%

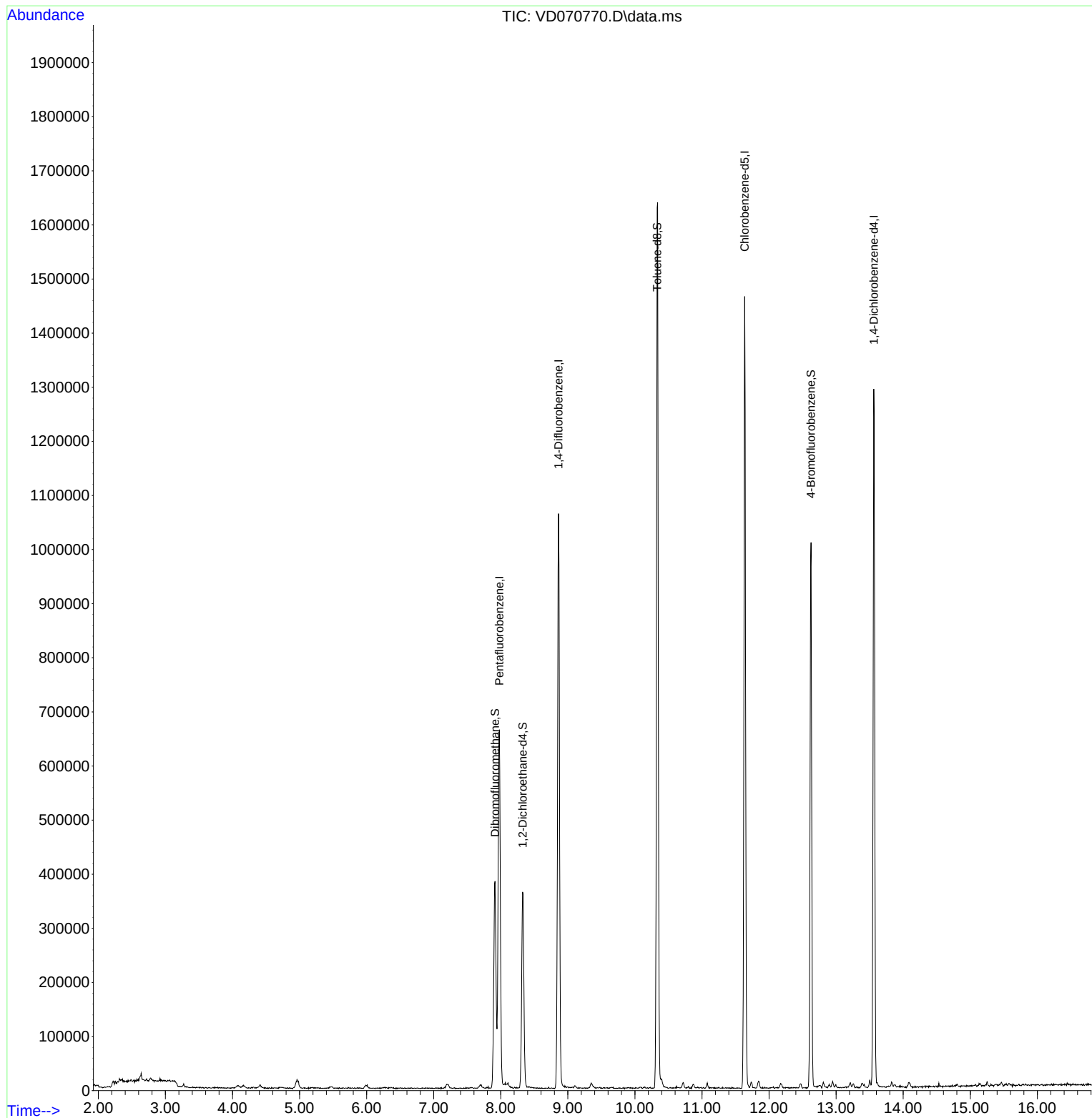
Target Compounds	Qvalue

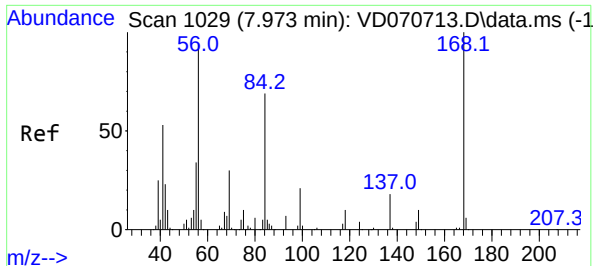
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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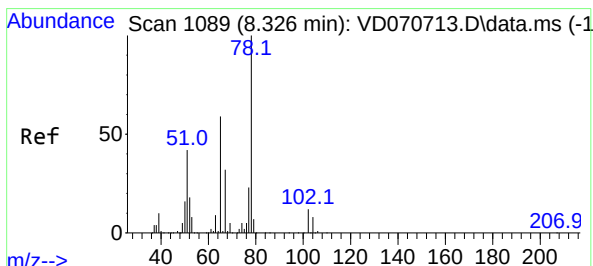
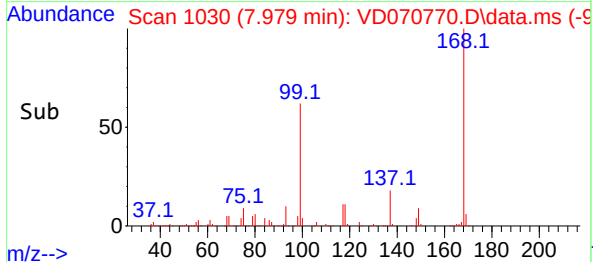
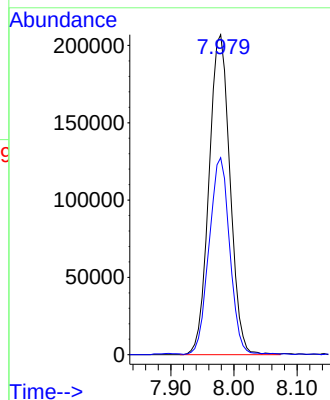
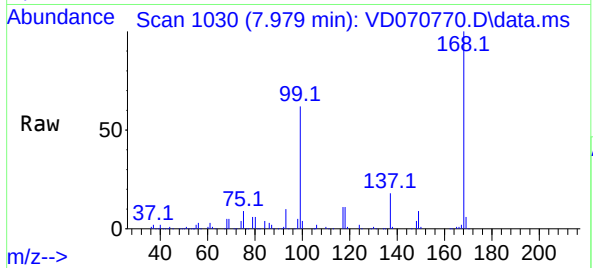




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD070770.D
Acq: 20 Oct 2021 12:33

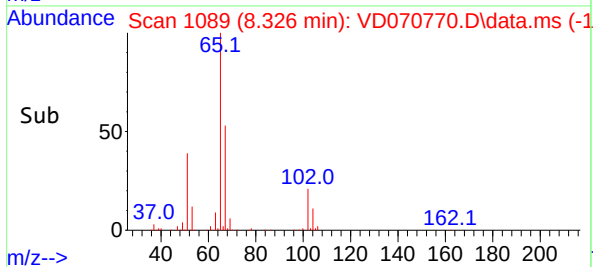
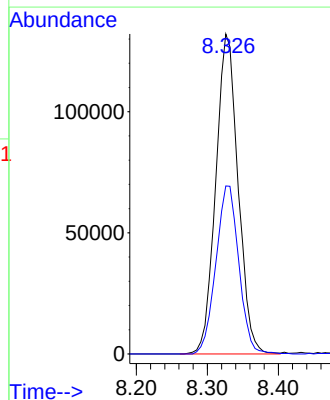
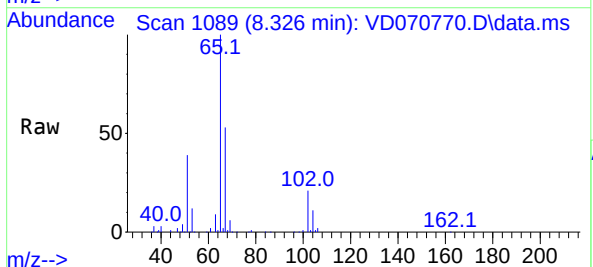
Instrument :
MSVOA_D
ClientSampleId :
WC-2-DS

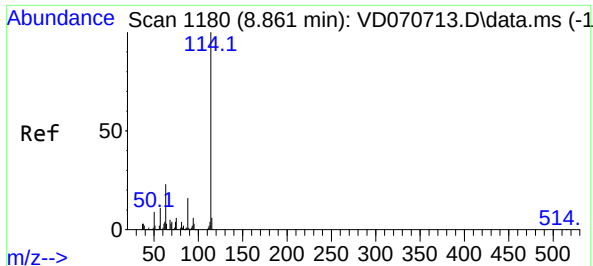
Tgt Ion:168 Resp: 478340
Ion Ratio Lower Upper
168 100
99 61.3 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 50.82 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070770.D
Acq: 20 Oct 2021 12:33

Tgt Ion: 65 Resp: 287936
Ion Ratio Lower Upper
65 100
67 53.9 0.0 110.2



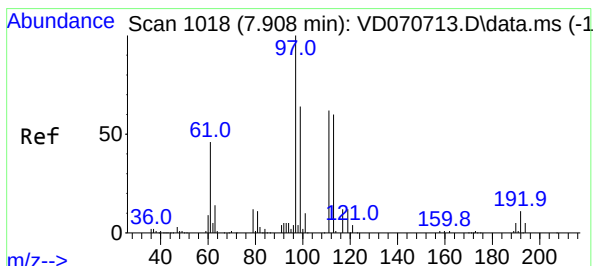
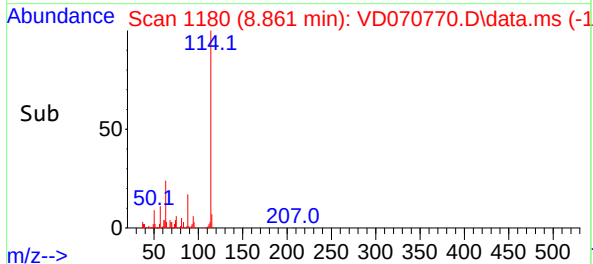
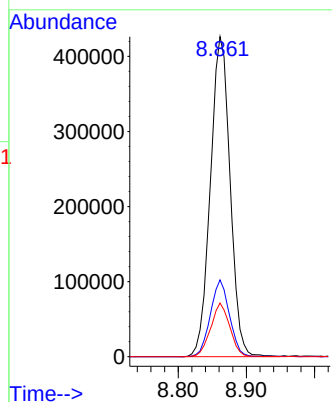
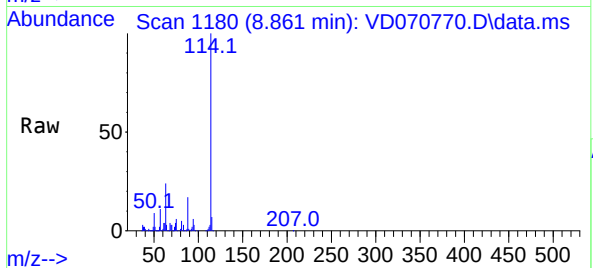


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070770.D
Acq: 20 Oct 2021 12:33

Instrument :
MSVOA_D
ClientSampleId :
WC-2-DS

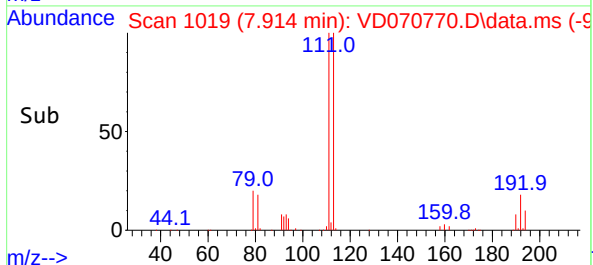
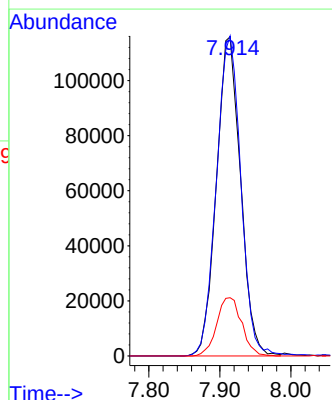
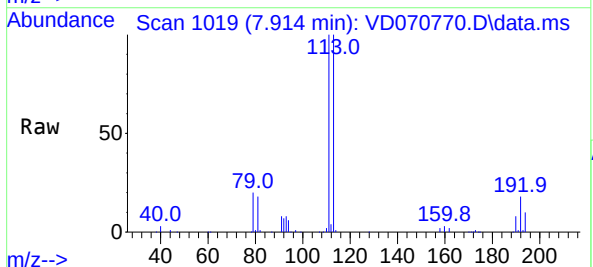
Tgt Ion:114 Resp: 857366
Ion Ratio Lower Upper
114 100
63 24.0 0.0 41.8
88 16.8 0.0 32.6

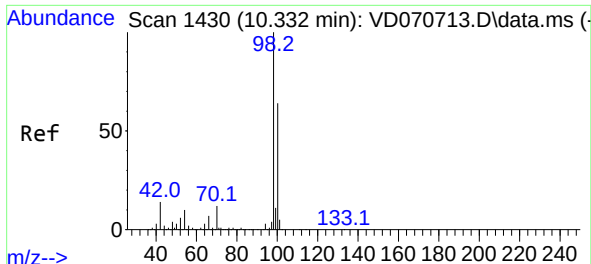


#35

Dibromofluoromethane
Concen: 49.71 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD070770.D
Acq: 20 Oct 2021 12:33

Tgt Ion:113 Resp: 272911
Ion Ratio Lower Upper
113 100
111 101.9 83.1 124.7
192 18.9 12.7 19.1

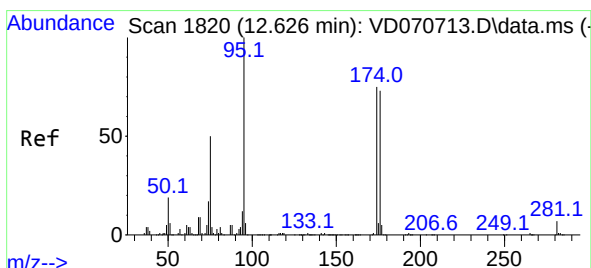
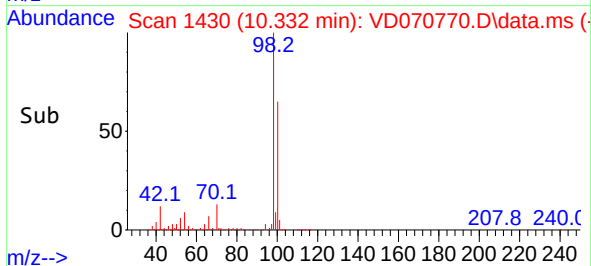
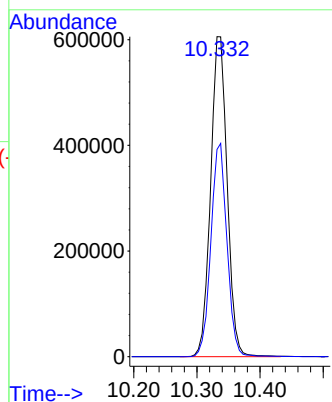
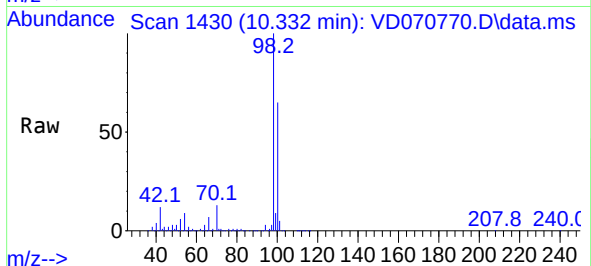




#50
Toluene-d8
Concen: 52.39 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070770.D
Acq: 20 Oct 2021 12:33

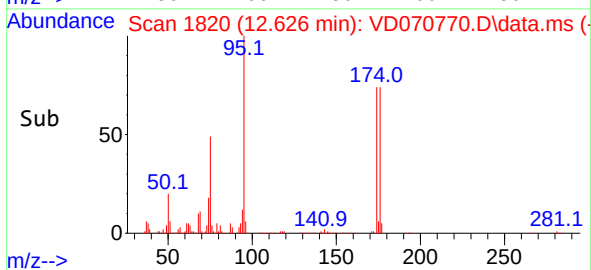
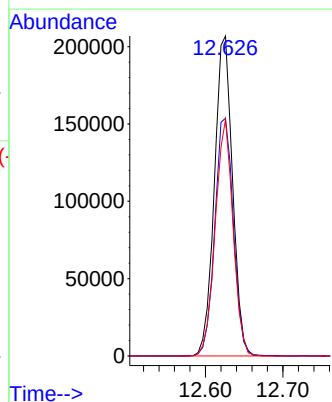
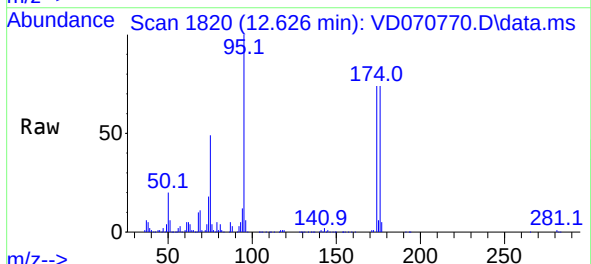
Instrument :
MSVOA_D
ClientSampleId :
WC-2-DS

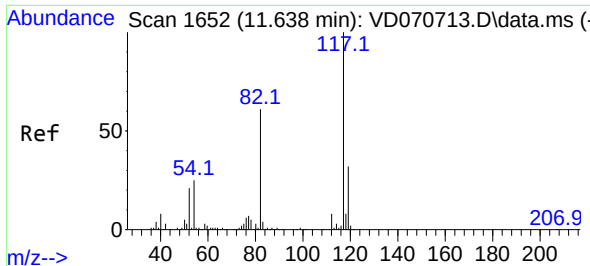
Tgt Ion: 98 Resp: 1102469
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 46.41 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070770.D
Acq: 20 Oct 2021 12:33

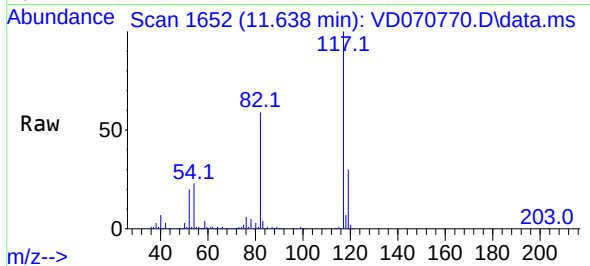
Tgt Ion: 95 Resp: 336305
Ion Ratio Lower Upper
95 100
174 76.4 0.0 138.0
176 72.1 0.0 135.6



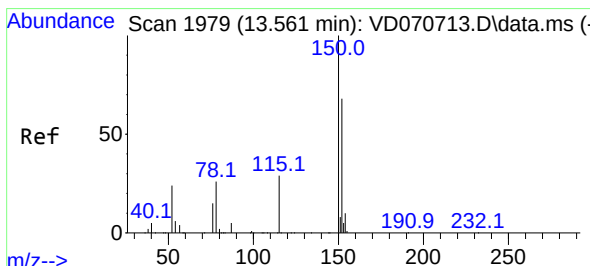
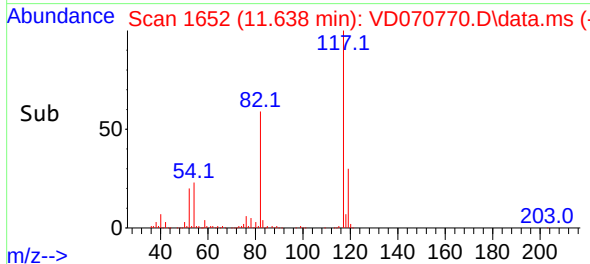
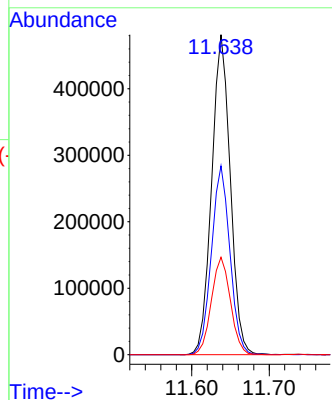


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070770.D
Acq: 20 Oct 2021 12:33

Instrument :
MSVOA_D
ClientSampleId :
WC-2-DS



Tgt Ion:117 Resp: 803025
Ion Ratio Lower Upper
117 100
82 59.0 45.4 68.2
119 30.4 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: VD070770.D
Acq: 20 Oct 2021 12:33

Tgt Ion:152 Resp: 330823
Ion Ratio Lower Upper
152 100
115 62.4 31.9 95.7
150 159.5 0.0 350.0

