

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031721\
 Data File : VD068645.D
 Acq On : 17 Mar 2021 18:42
 Operator : VA/SY
 Sample : M1701-01
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MW-5R(10-12FT)

Quant Time: Mar 18 00:58:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	280639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	518262	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	515440	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	275994	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	154897	55.24	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.48%	
35) Dibromofluoromethane	7.920	113	167110	53.53	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.06%	
50) Toluene-d8	10.344	98	659889	53.07	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.14%	
62) 4-Bromofluorobenzene	12.632	95	226811	56.59	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.18%	

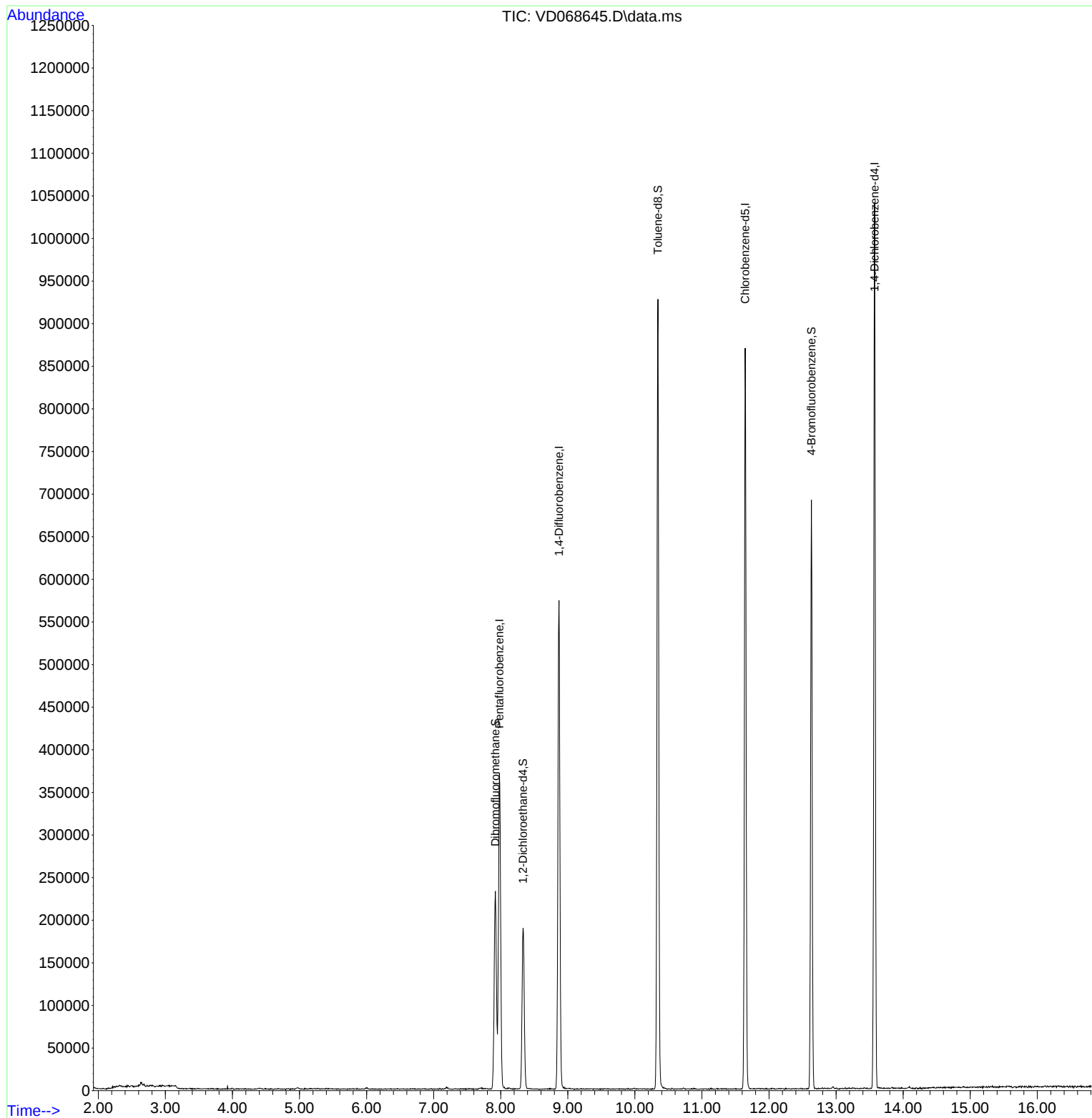
Target Compounds	Qvalue

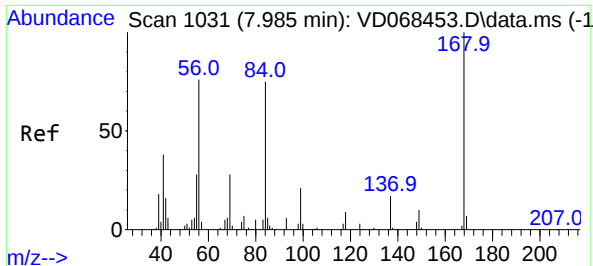
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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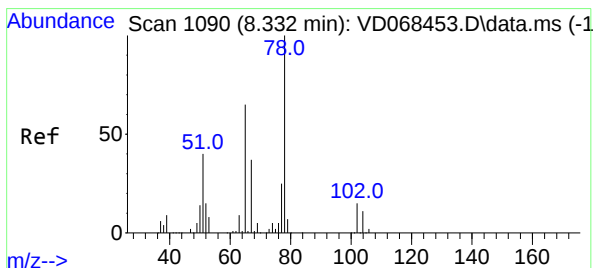
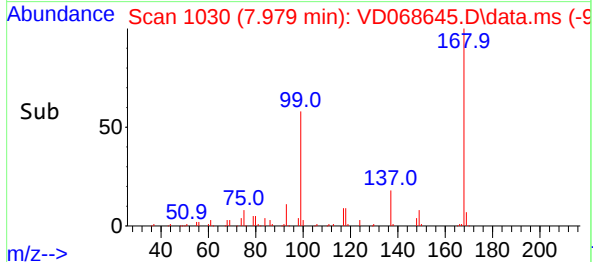
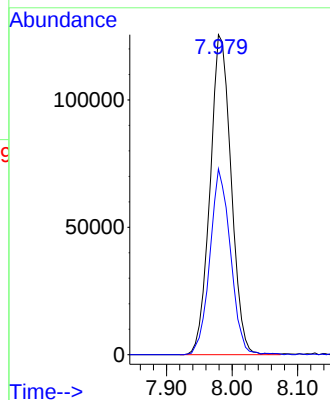
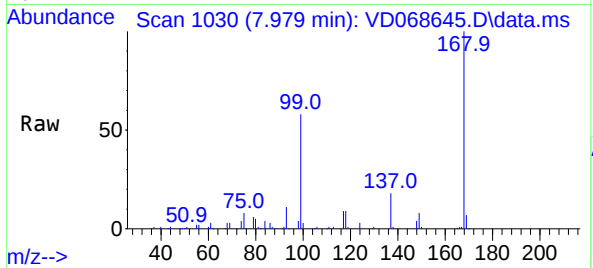




Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068645.D
Acq: 17 Mar 2021 18:42

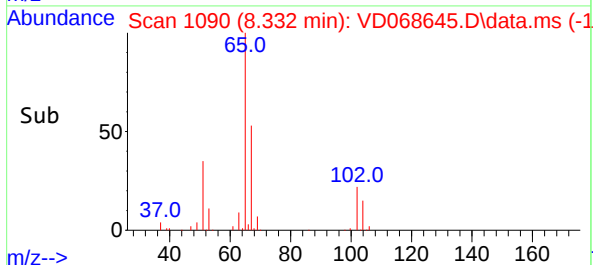
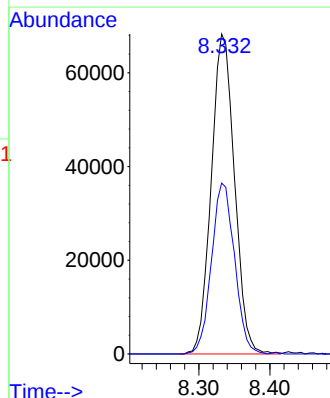
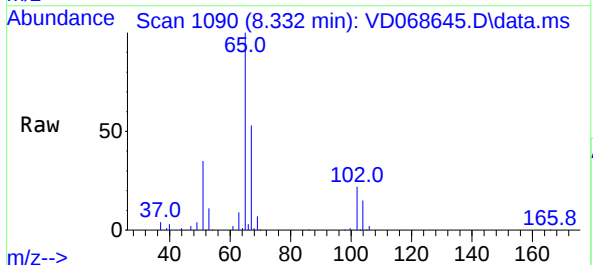
Instrument :
MSVOA_D
ClientSampleId :
MW-5R(10-12FT)

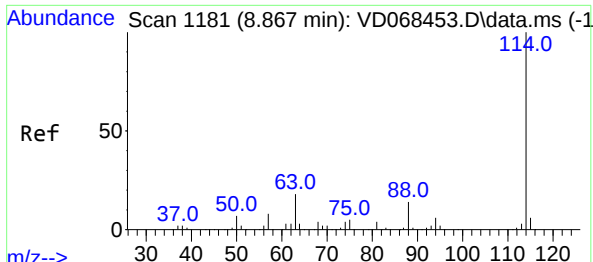
Tgt Ion:168 Resp: 280639
Ion Ratio Lower Upper
168 100
99 58.0 43.5 65.3



1,2-Dichloroethane-d4
Concen: 55.24 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.001 min
Lab File: VD068645.D
Acq: 17 Mar 2021 18:42

Tgt Ion: 65 Resp: 154897
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.0



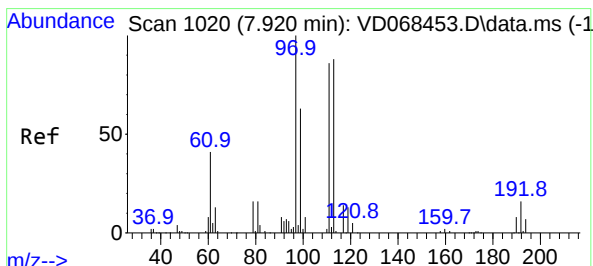
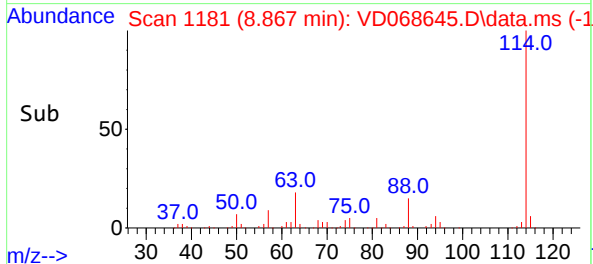
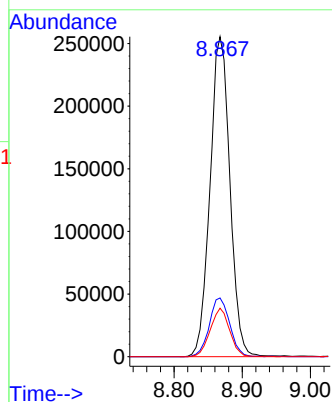
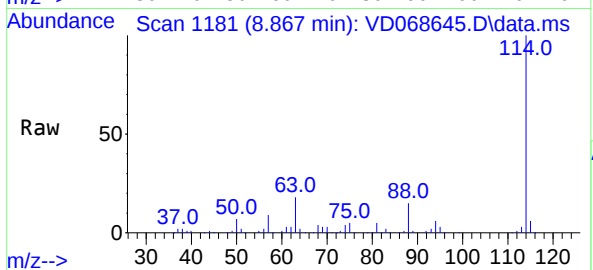


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.001 min
Lab File: VD068645.D
Acq: 17 Mar 2021 18:42

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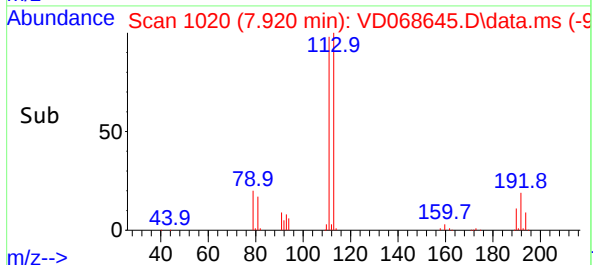
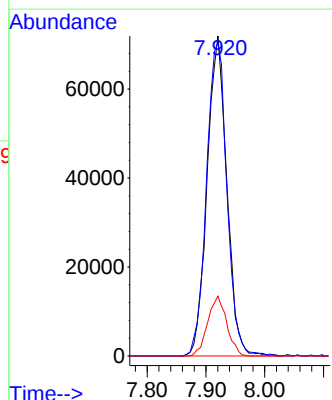
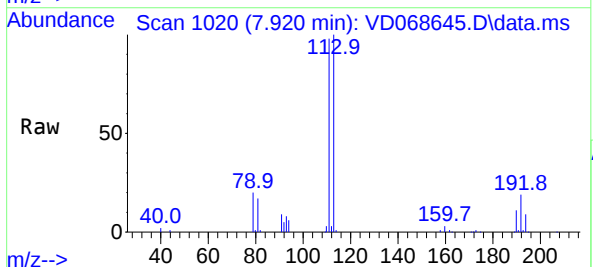
Tgt Ion:114 Resp: 518262
Ion Ratio Lower Upper
114 100
63 18.4 0.0 34.8
88 15.1 0.0 31.6

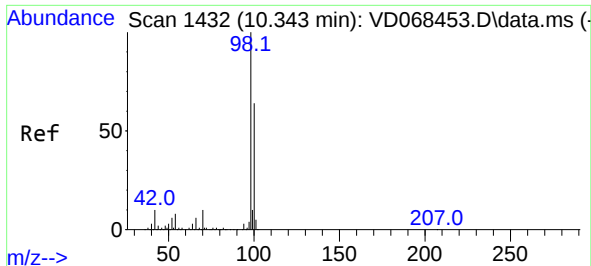


#35

Dibromofluoromethane
Concen: 53.53 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.001 min
Lab File: VD068645.D
Acq: 17 Mar 2021 18:42

Tgt Ion:113 Resp: 167110
Ion Ratio Lower Upper
113 100
111 101.7 81.4 122.0
192 18.1 16.1 24.1

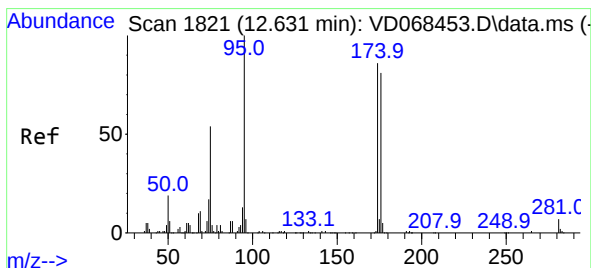
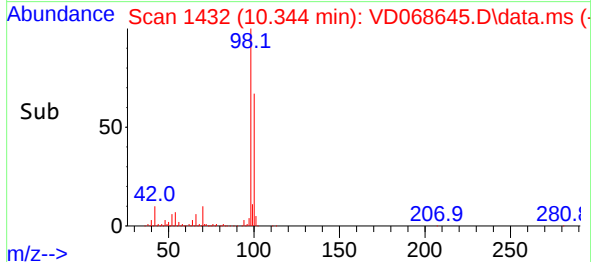
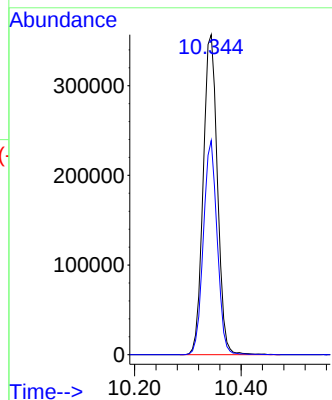
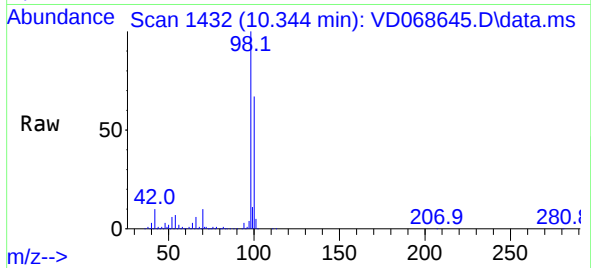




#50
Toluene-d8
Concen: 53.07 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.001 min
Lab File: VD068645.D
Acq: 17 Mar 2021 18:42

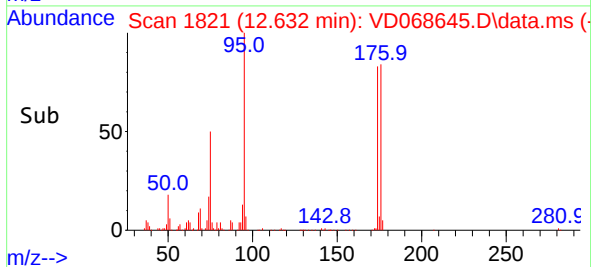
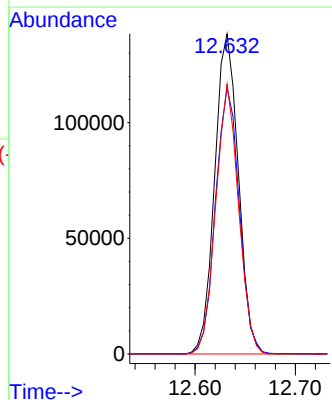
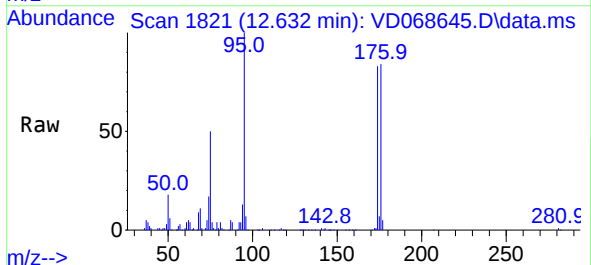
Instrument :
MSVOA_D
ClientSampleId :
MW-5R(10-12FT)

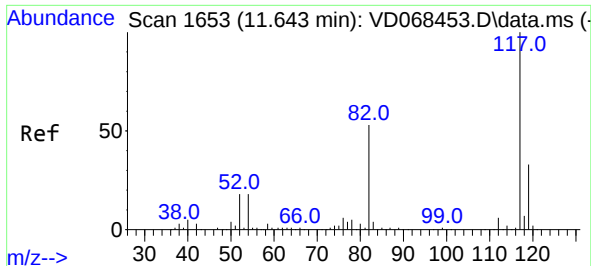
Tgt Ion: 98 Resp: 659889
Ion Ratio Lower Upper
98 100
100 64.9 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 56.59 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.001 min
Lab File: VD068645.D
Acq: 17 Mar 2021 18:42

Tgt Ion: 95 Resp: 226811
Ion Ratio Lower Upper
95 100
174 83.6 0.0 172.4
176 81.1 0.0 168.4

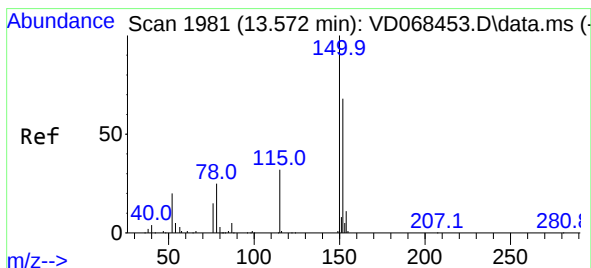
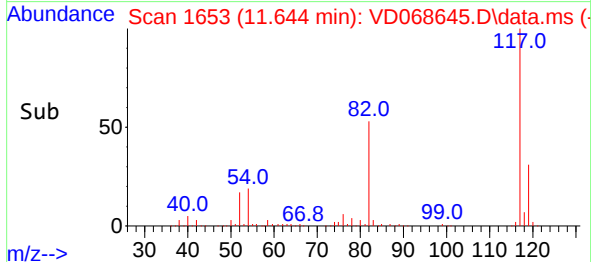
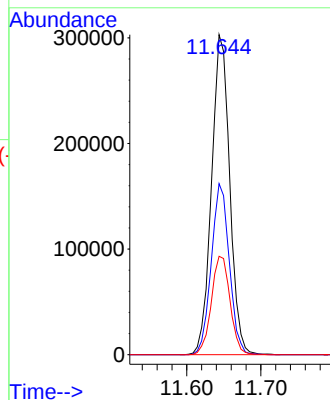
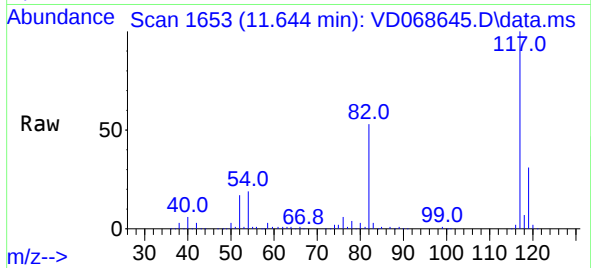




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068645.D
Acq: 17 Mar 2021 18:42

Instrument :
MSVOA_D
ClientSampleId :
MW-5R(10-12FT)

Tgt Ion:117 Resp: 515440
Ion Ratio Lower Upper
117 100
82 53.5 41.4 62.0
119 30.8 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068645.D
Acq: 17 Mar 2021 18:42

Tgt Ion:152 Resp: 275994
Ion Ratio Lower Upper
152 100
115 57.2 28.9 86.8
150 157.0 0.0 344.4

