

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012021\
 Data File : VD068119.D
 Acq On : 20 Jan 2021 18:00
 Operator : VA/SY
 Sample : M1100-04
 Misc : 5.93G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOPSOIL-RBF-LIGHT

Quant Time: Jan 20 23:47:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	374609	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	684939	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	600276	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	235338	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	205379	57.31	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.62%
35) Dibromofluoromethane	7.920	113	192629	50.87	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.74%
50) Toluene-d8	10.344	98	704716	46.53	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.06%
62) 4-Bromofluorobenzene	12.632	95	242172	44.40	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.80%

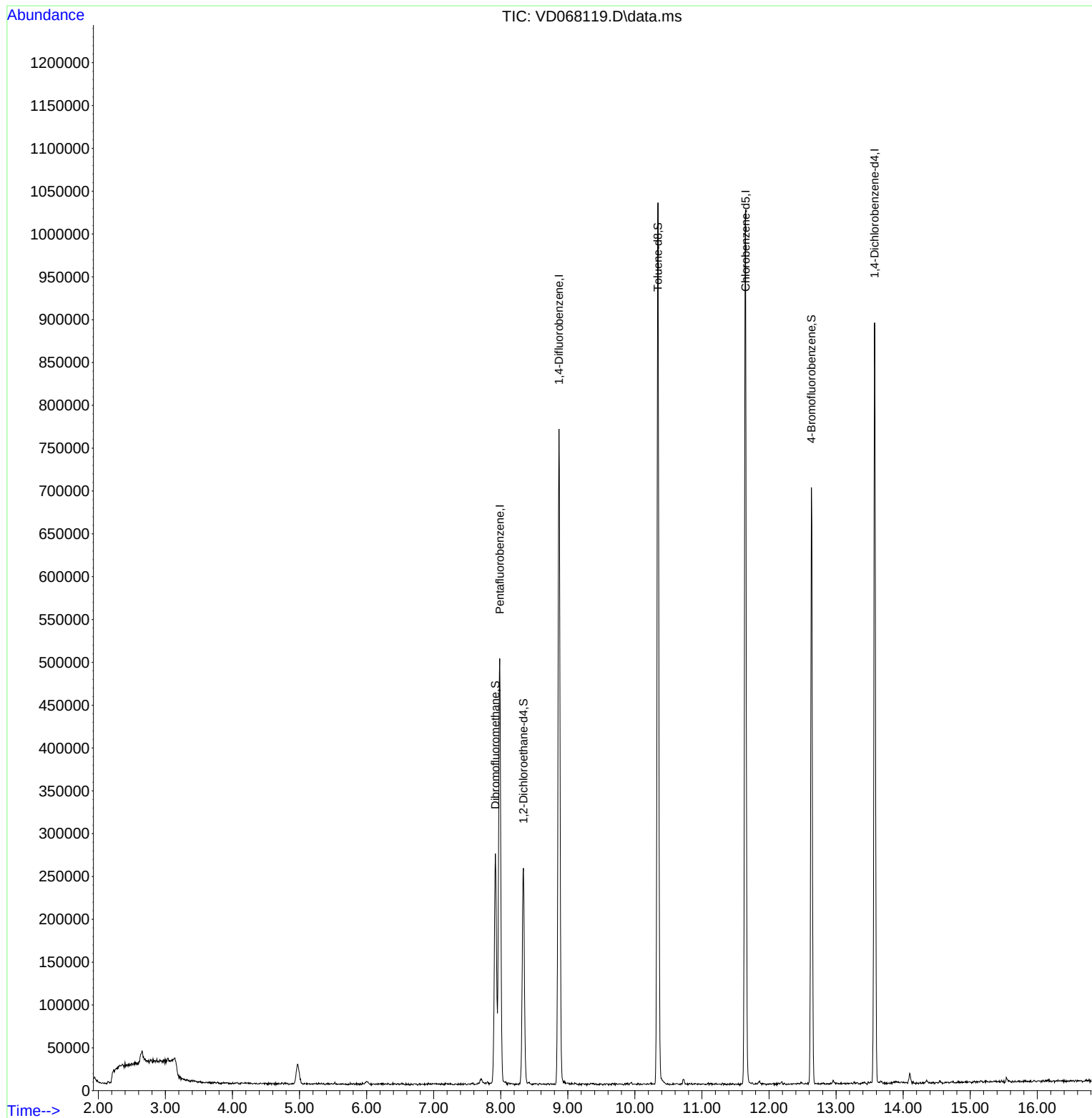
Target Compounds	Qvalue

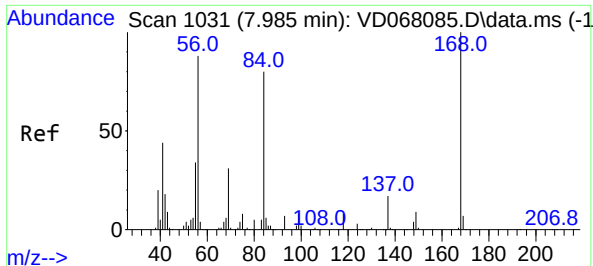
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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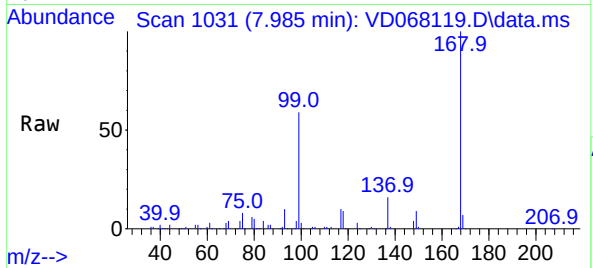
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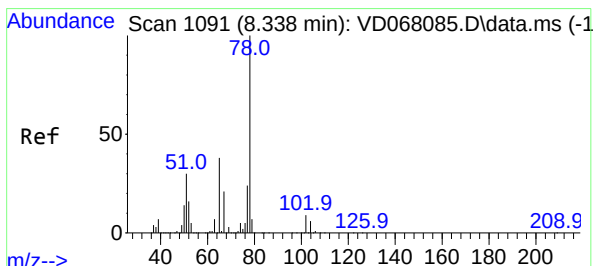
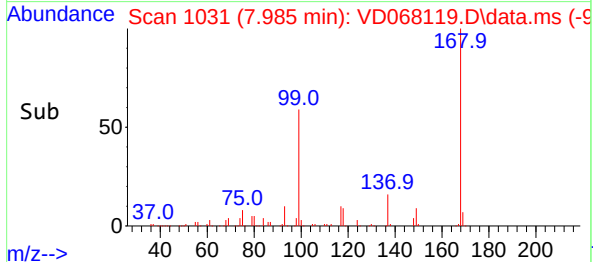
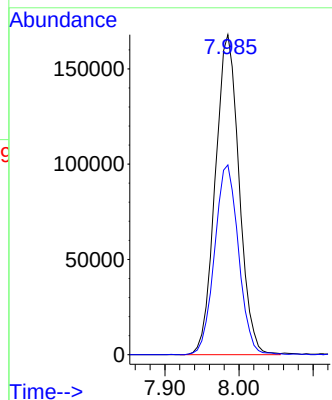


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068119.D
Acq: 20 Jan 2021 18:00

Instrument :
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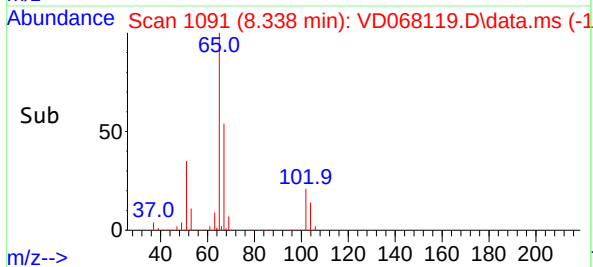
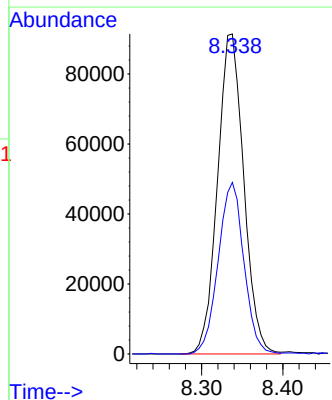
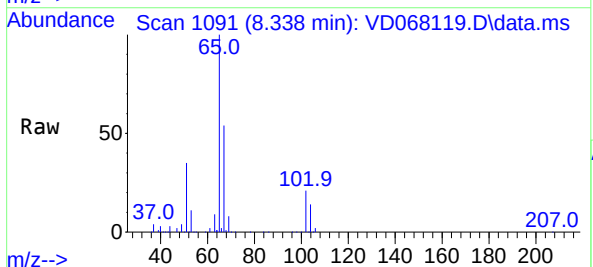


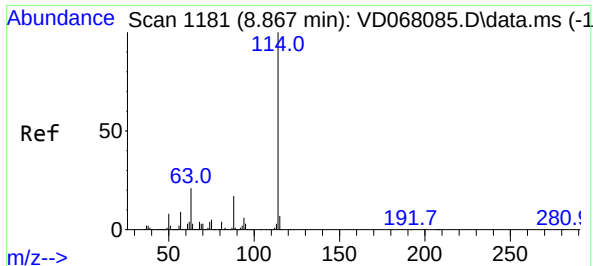
Tgt Ion:168 Resp: 374609
Ion Ratio Lower Upper
168 100
99 59.3 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 57.31 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068119.D
Acq: 20 Jan 2021 18:00

Tgt Ion: 65 Resp: 205379
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.0

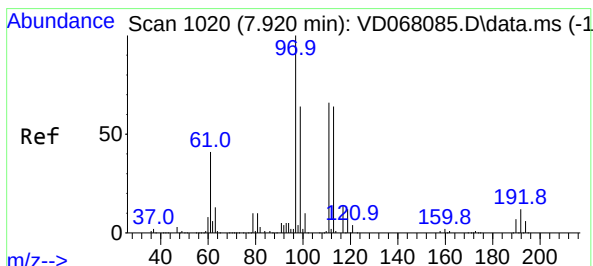
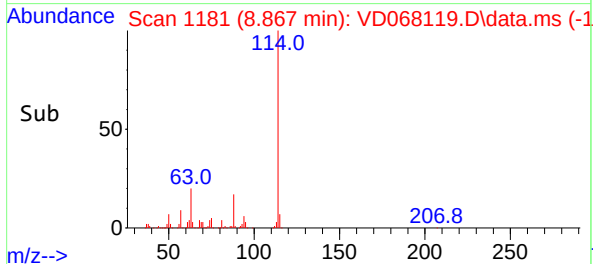
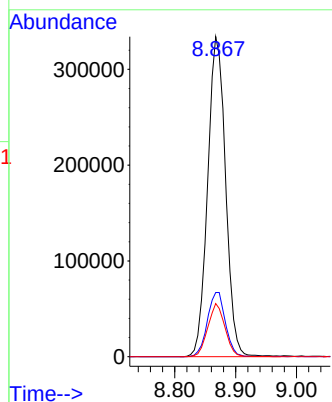
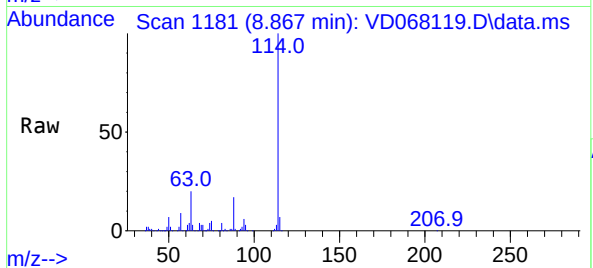




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068119.D
Acq: 20 Jan 2021 18:00

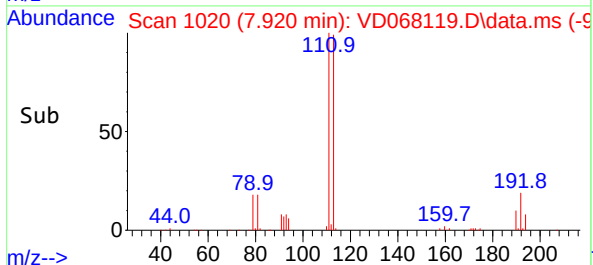
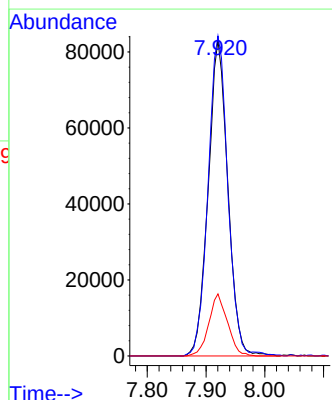
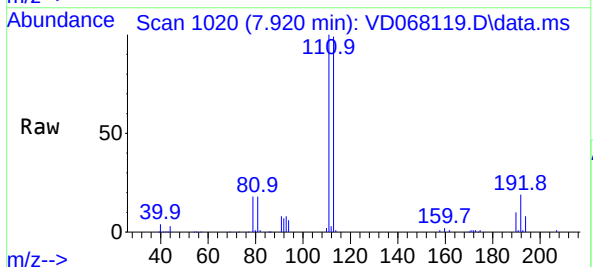
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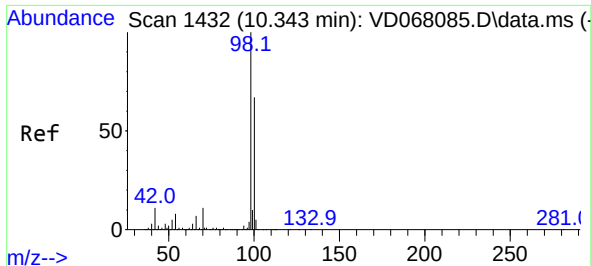
Tgt Ion:114 Resp: 684939
Ion Ratio Lower Upper
114 100
63 20.1 0.0 34.8
88 16.6 0.0 31.6



#35
Dibromofluoromethane
Concen: 50.87 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068119.D
Acq: 20 Jan 2021 18:00

Tgt Ion:113 Resp: 192629
Ion Ratio Lower Upper
113 100
111 102.0 81.4 122.0
192 18.7 16.1 24.1

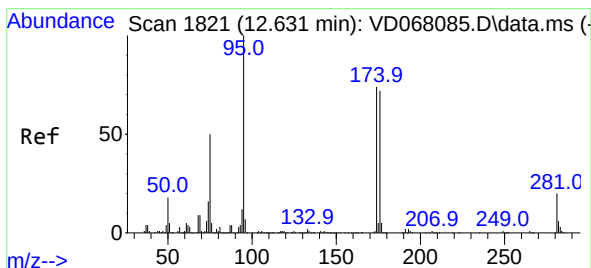
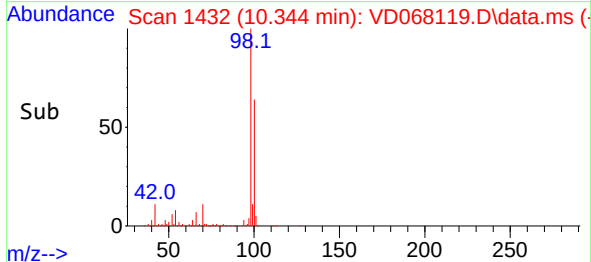
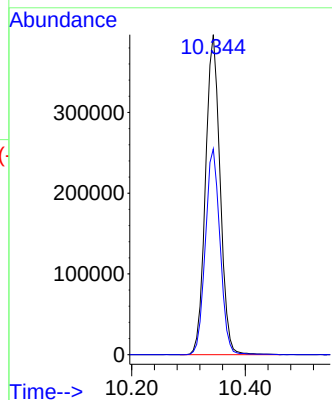
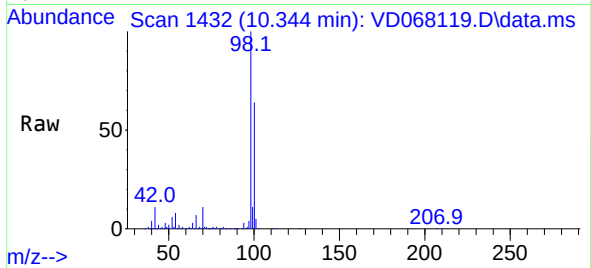




#50
Toluene-d8
Concen: 46.53 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068119.D
Acq: 20 Jan 2021 18:00

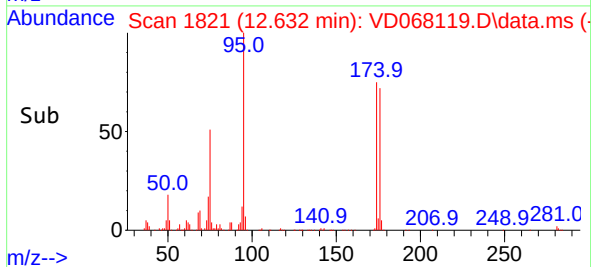
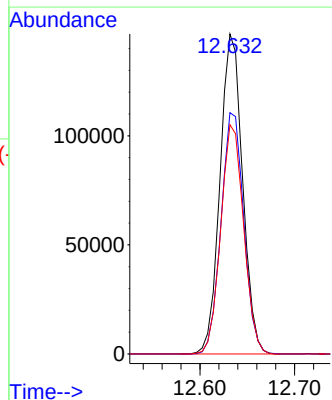
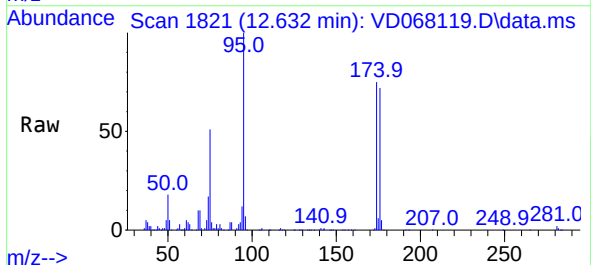
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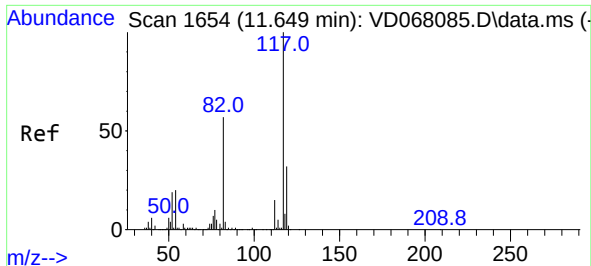
Tgt Ion: 98 Resp: 704716
Ion Ratio Lower Upper
98 100
100 64.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 44.40 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068119.D
Acq: 20 Jan 2021 18:00

Tgt Ion: 95 Resp: 242172
Ion Ratio Lower Upper
95 100
174 76.1 0.0 172.4
176 72.9 0.0 168.4

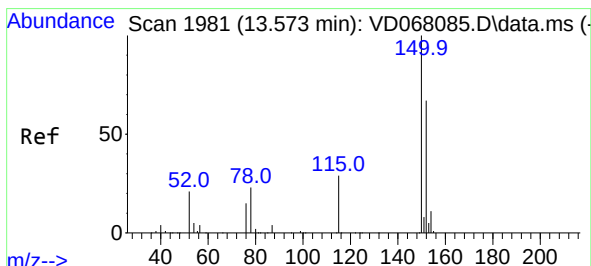
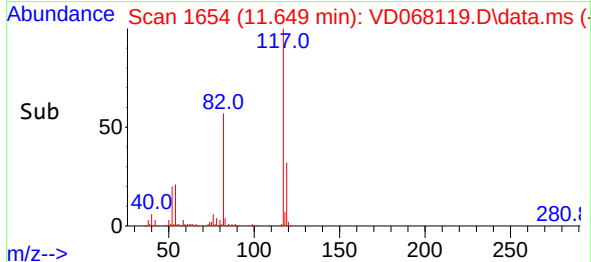
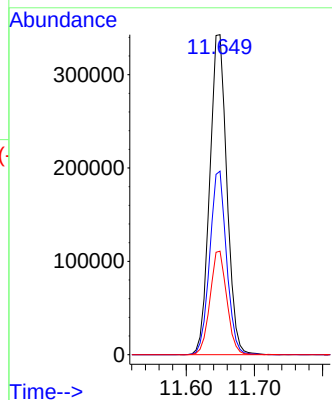
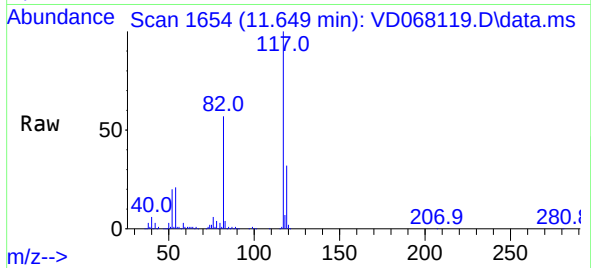




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068119.D
Acq: 20 Jan 2021 18:00

Instrument :
MSVOA_D
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TOPSOIL-RBF-LIGHT

Tgt Ion:117 Resp: 600276
Ion Ratio Lower Upper
117 100
82 57.3 41.4 62.0
119 32.4 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068119.D
Acq: 20 Jan 2021 18:00

Tgt Ion:152 Resp: 235338
Ion Ratio Lower Upper
152 100
115 60.8 28.9 86.8
150 160.5 0.0 344.4

