

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012021\
 Data File : VD068117.D
 Acq On : 20 Jan 2021 17:07
 Operator : VA/SY
 Sample : M1100-02
 Misc : 6.70G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOPSOIL-RBF-ASHCROFT

Quant Time: Jan 20 23:46:49 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	404986	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	703648	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	591633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	221057	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	203613	52.56	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.12%
35) Dibromofluoromethane	7.920	113	192119	49.39	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.78%
50) Toluene-d8	10.344	98	681614	43.80	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.60%
62) 4-Bromofluorobenzene	12.632	95	227660	40.63	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.26%

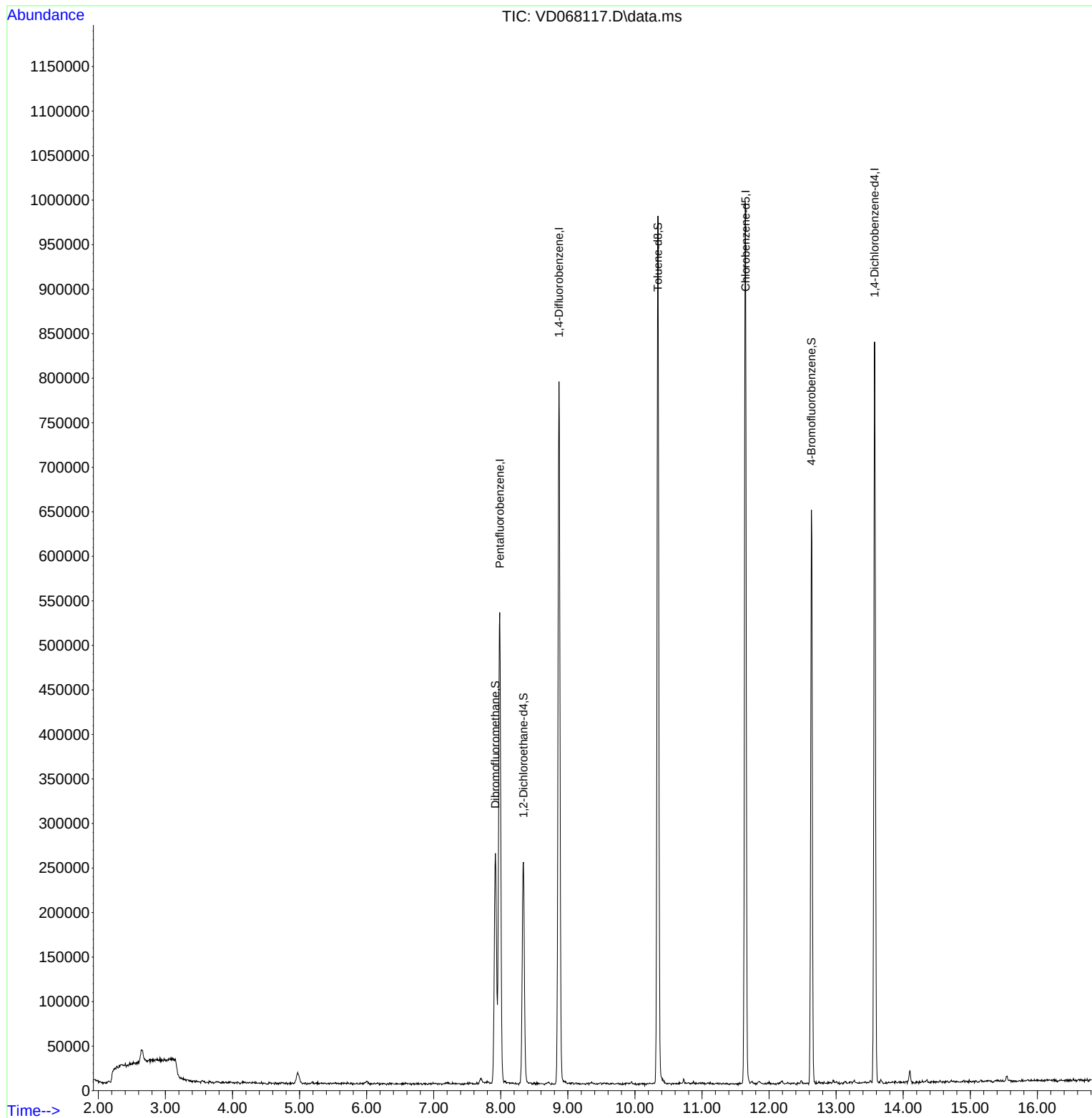
Target Compounds	Qvalue

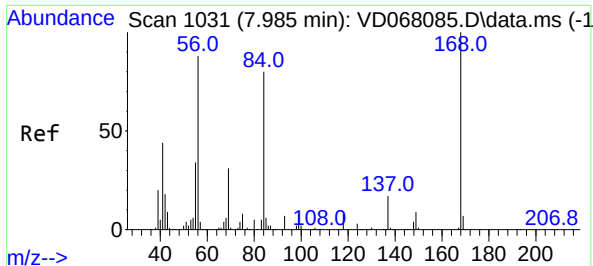
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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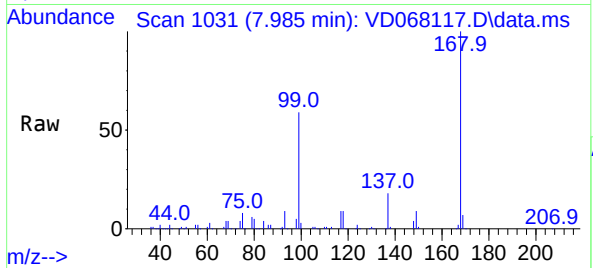
Quant Time: Jan 20 23:46:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
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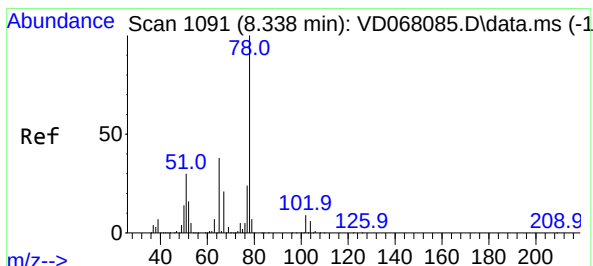
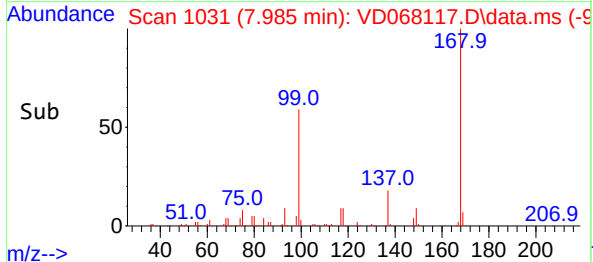
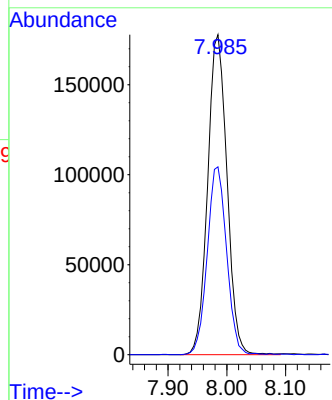


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068117.D
Acq: 20 Jan 2021 17:07

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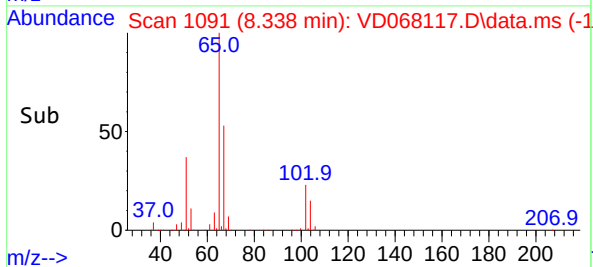
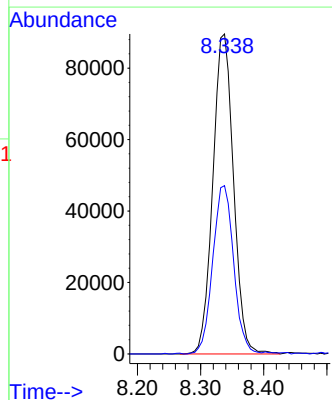
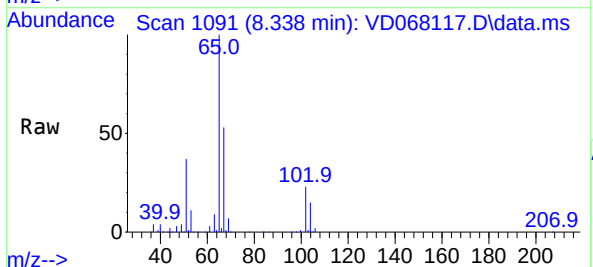


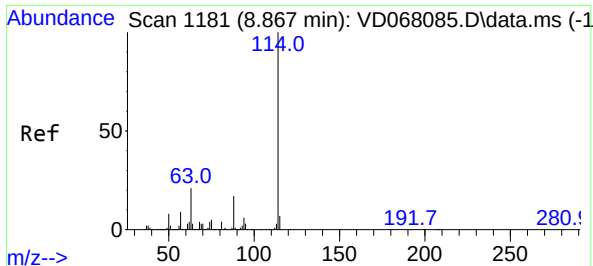
Tgt Ion:168 Resp: 404986
Ion Ratio Lower Upper
168 100
99 58.7 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 52.56 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068117.D
Acq: 20 Jan 2021 17:07

Tgt Ion: 65 Resp: 203613
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.0



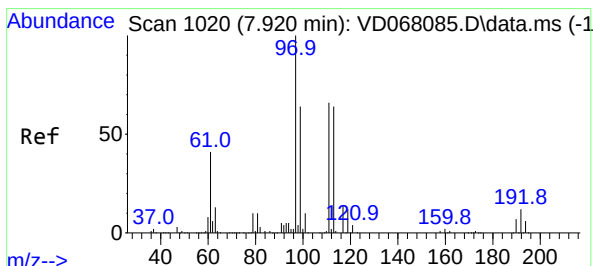
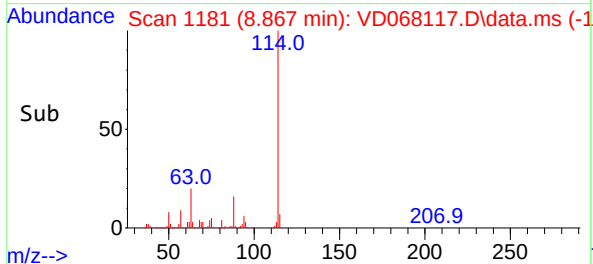
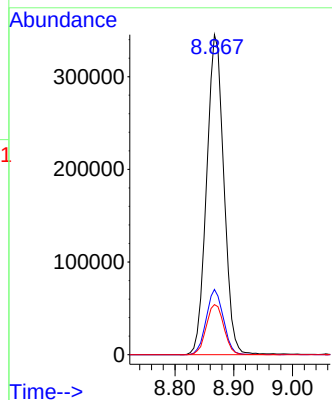
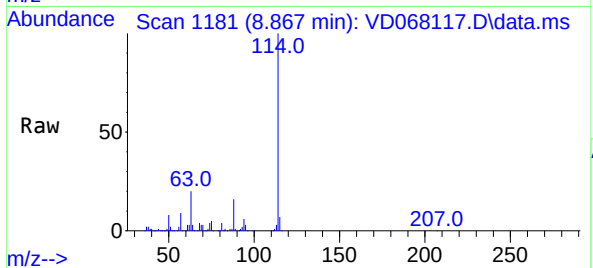


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068117.D
Acq: 20 Jan 2021 17:07

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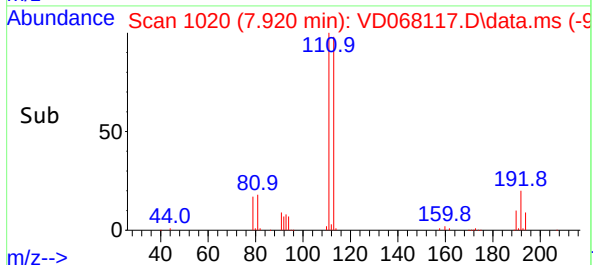
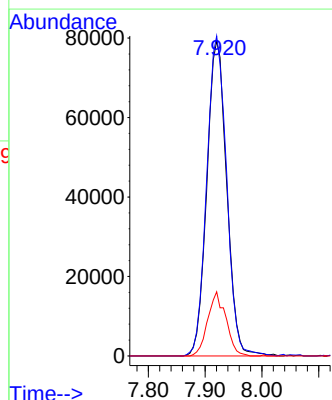
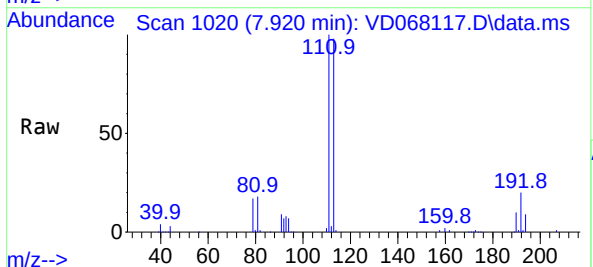
Tgt Ion:114 Resp: 703648
Ion Ratio Lower Upper
114 100
63 20.4 0.0 34.8
88 15.7 0.0 31.6

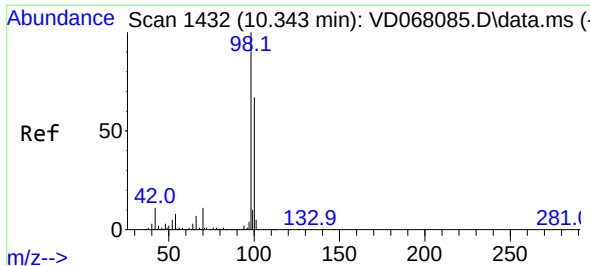


#35

Dibromofluoromethane
Concen: 49.39 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068117.D
Acq: 20 Jan 2021 17:07

Tgt Ion:113 Resp: 192119
Ion Ratio Lower Upper
113 100
111 101.8 81.4 122.0
192 18.7 16.1 24.1

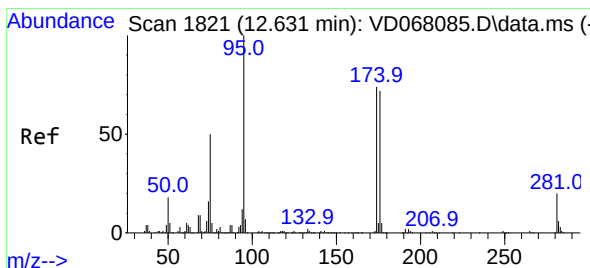
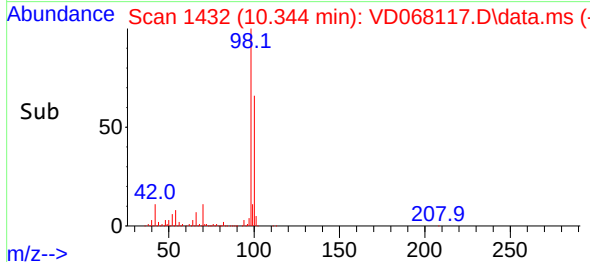
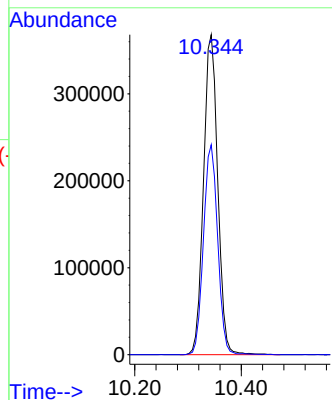
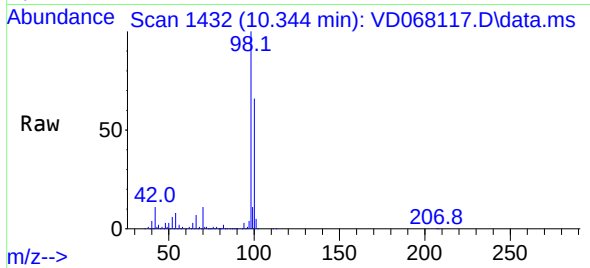




#50
Toluene-d8
Concen: 43.80 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068117.D
Acq: 20 Jan 2021 17:07

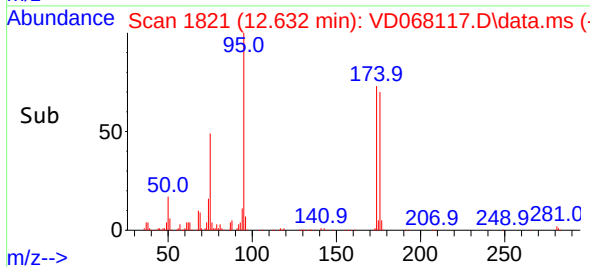
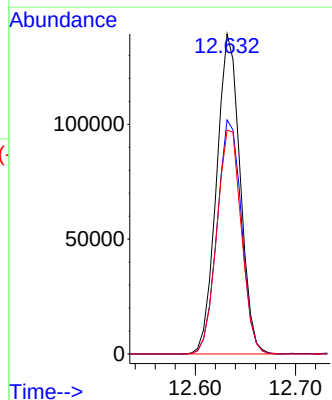
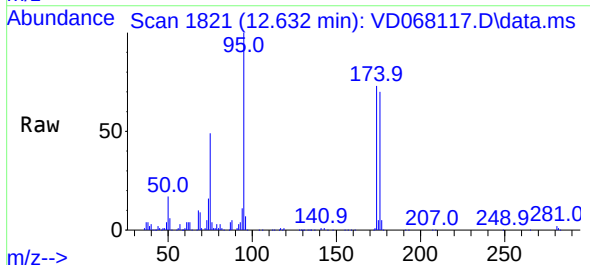
Instrument :
MSVOA_D
ClientSampleId :
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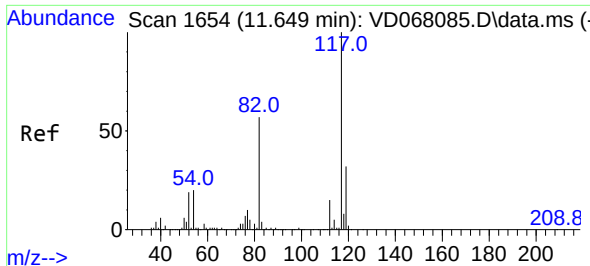
Tgt Ion: 98 Resp: 681614
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 40.63 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068117.D
Acq: 20 Jan 2021 17:07

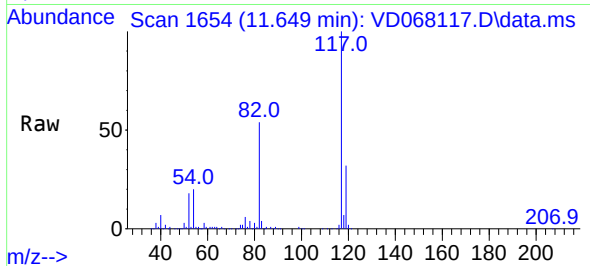
Tgt Ion: 95 Resp: 227660
Ion Ratio Lower Upper
95 100
174 75.3 0.0 172.4
176 72.9 0.0 168.4



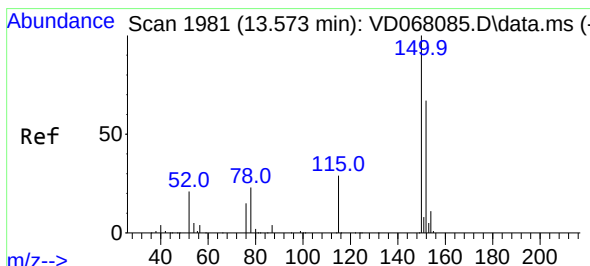
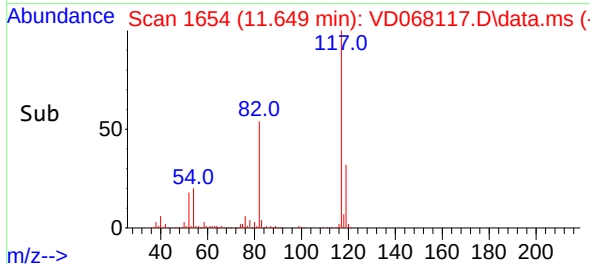
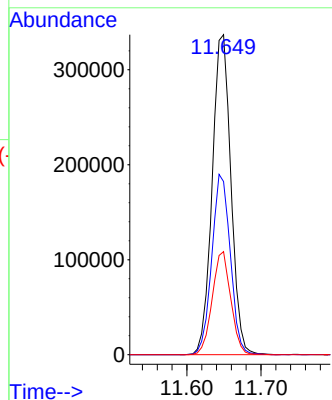


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068117.D
Acq: 20 Jan 2021 17:07

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion:117 Resp: 591633
Ion Ratio Lower Upper
117 100
82 54.1 41.4 62.0
119 32.2 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: VD068117.D
Acq: 20 Jan 2021 17:07

Tgt Ion:152 Resp: 221057
Ion Ratio Lower Upper
152 100
115 59.9 28.9 86.8
150 158.2 0.0 344.4

