

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030521\
 Data File : VD068543.D
 Acq On : 05 Mar 2021 15:00
 Operator : VA/SY
 Sample : M1590-02
 Misc : 6.1G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-EF-01-018-ABCD

Quant Time: Mar 05 23:12:24 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	318787	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	543675	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	523498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	231343	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	163022	51.18	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.36%	
35) Dibromofluoromethane	7.914	113	167131	51.03	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.06%	
50) Toluene-d8	10.344	98	683395	52.39	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.78%	
62) 4-Bromofluorobenzene	12.632	95	213668	50.82	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.64%	

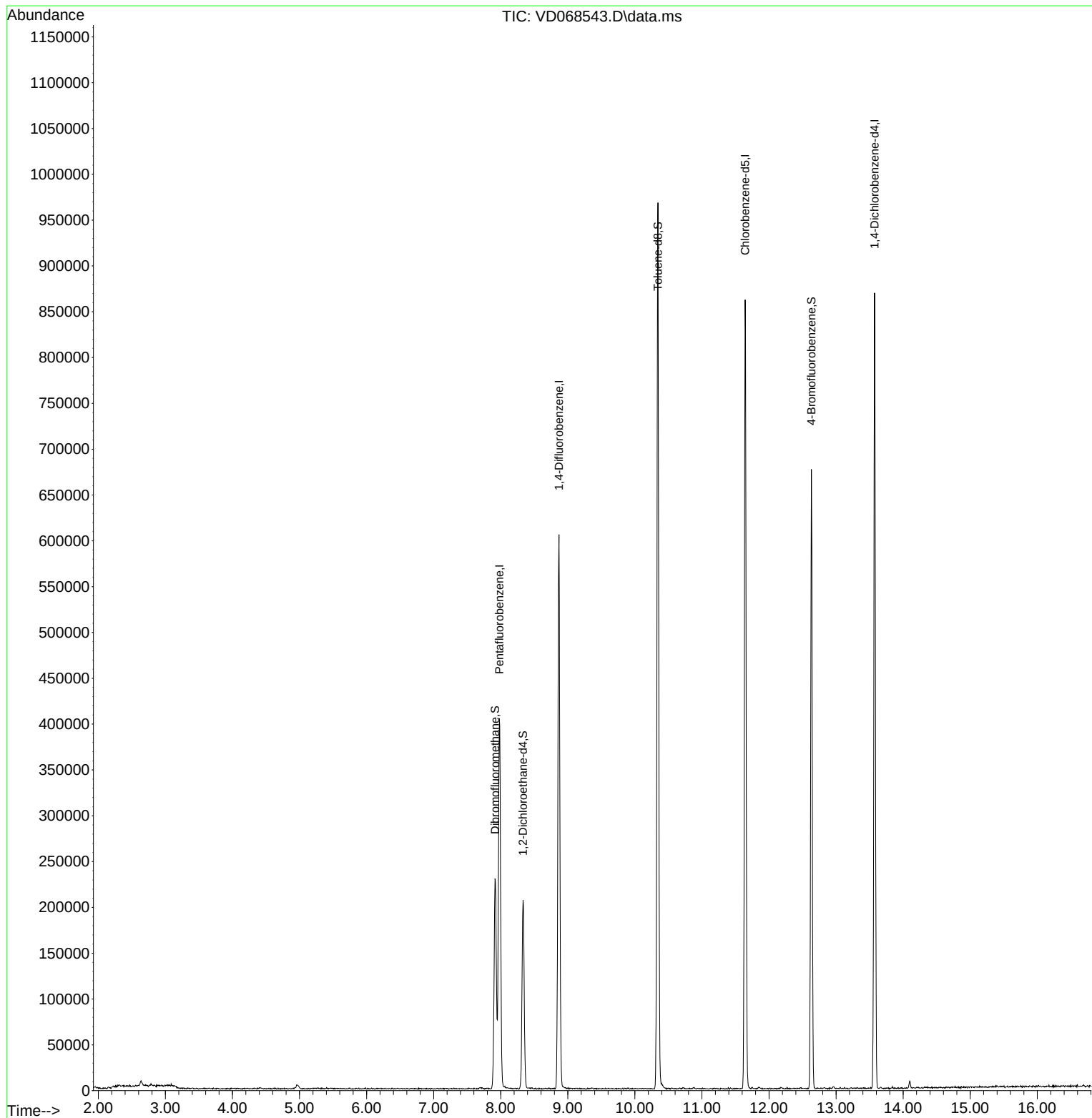
Target Compounds	Qvalue

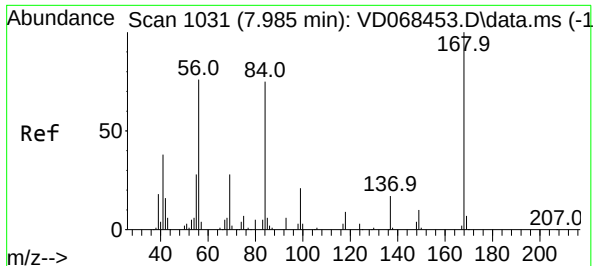
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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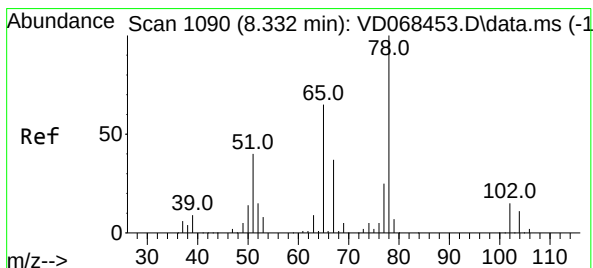
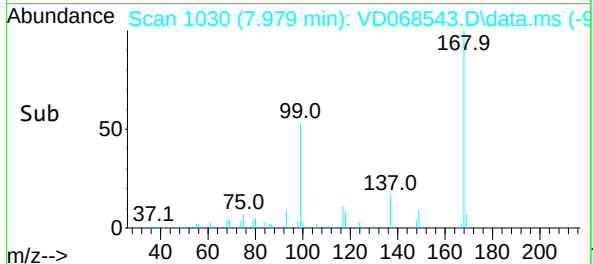
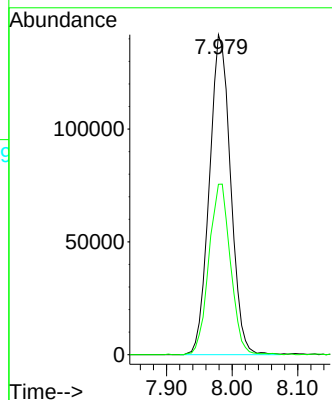
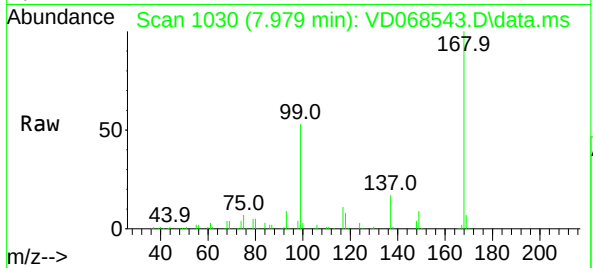




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068543.D
Acq: 05 Mar 2021 15:00

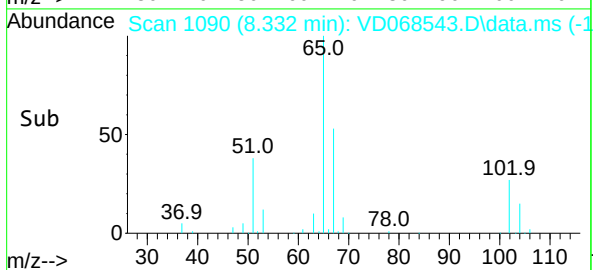
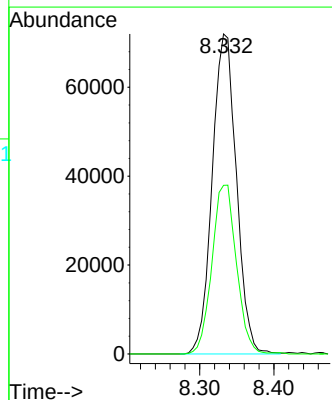
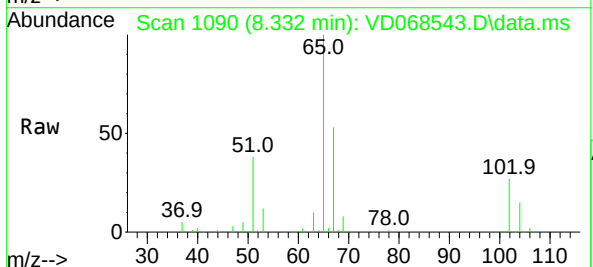
Instrument :
MSVOA_D
ClientSampleId :
FK-EF-01-018-ABCD

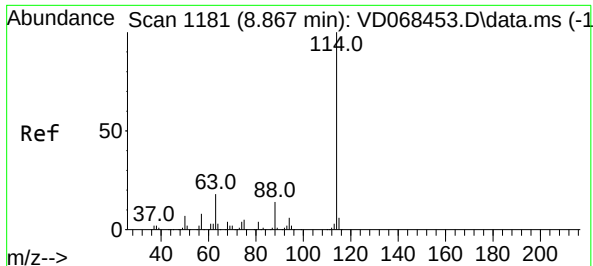
Tgt Ion:168 Resp: 318787
Ion Ratio Lower Upper
168 100
99 53.3 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 51.18 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068543.D
Acq: 05 Mar 2021 15:00

Tgt Ion: 65 Resp: 163022
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.0



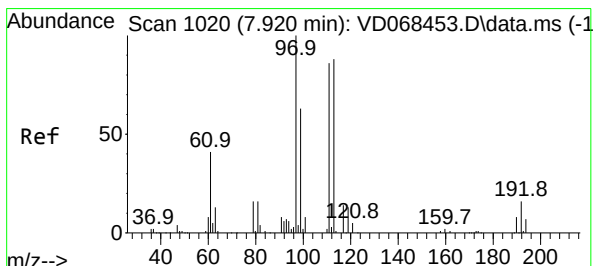
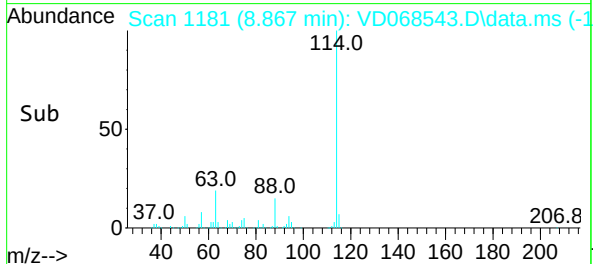
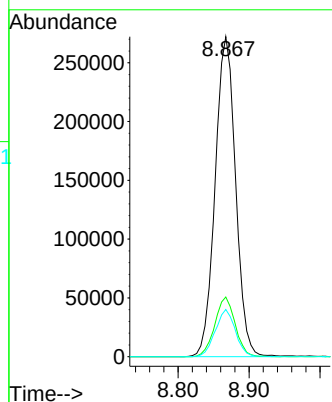
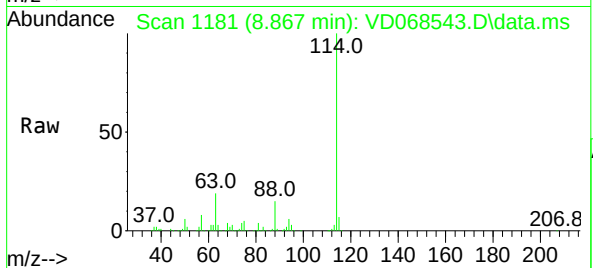


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068543.D
Acq: 05 Mar 2021 15:00

Instrument :
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FK-EF-01-018-ABCD

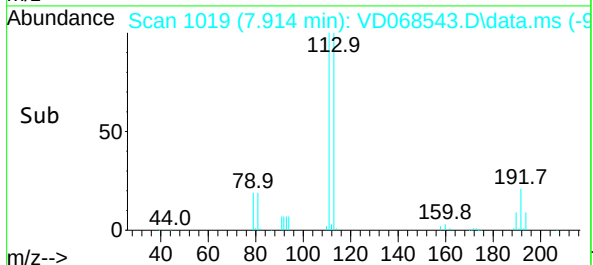
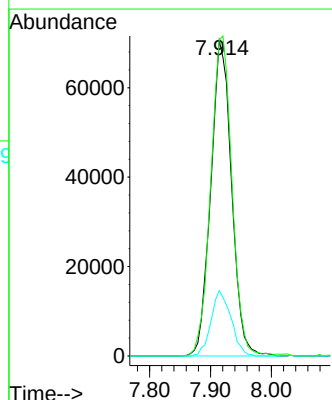
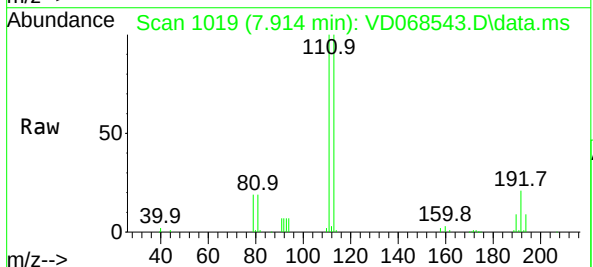
Tgt Ion:114 Resp: 543675
Ion Ratio Lower Upper
114 100
63 18.6 0.0 34.8
88 14.8 0.0 31.6

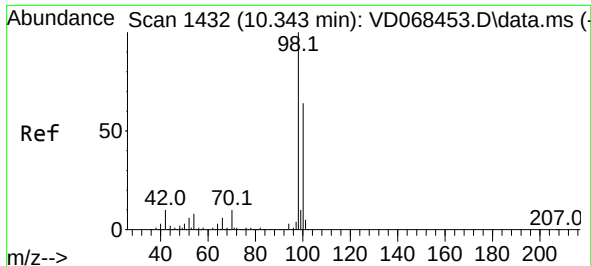


#35

Dibromofluoromethane
Concen: 51.03 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.005 min
Lab File: VD068543.D
Acq: 05 Mar 2021 15:00

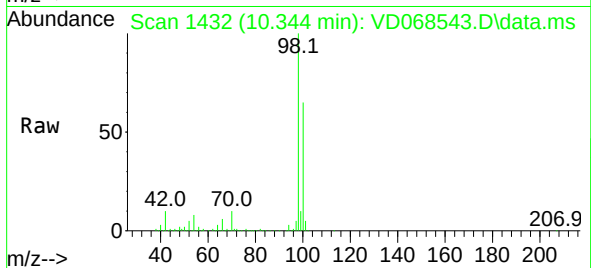
Tgt Ion:113 Resp: 167131
Ion Ratio Lower Upper
113 100
111 103.6 81.4 122.0
192 19.9 16.1 24.1



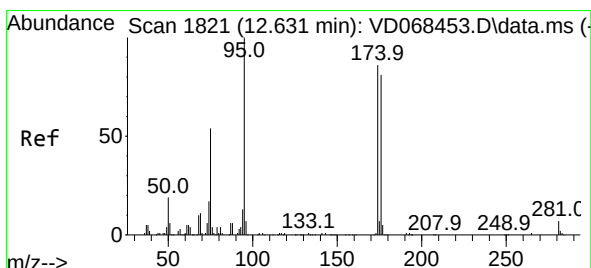
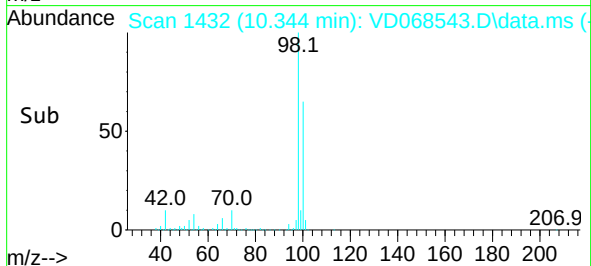
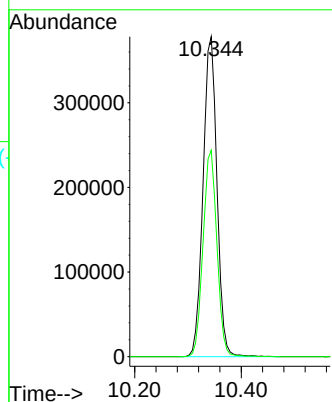


#50
Toluene-d8
Concen: 52.39 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068543.D
Acq: 05 Mar 2021 15:00

Instrument :
MSVOA_D
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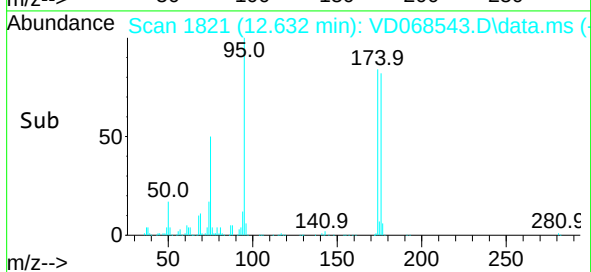
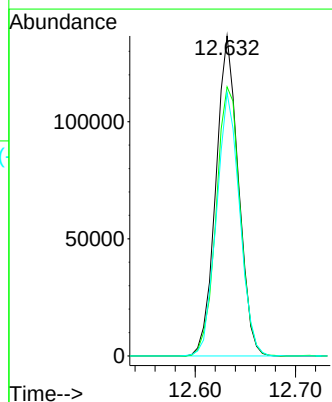
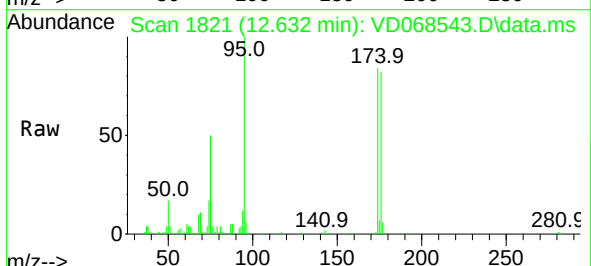


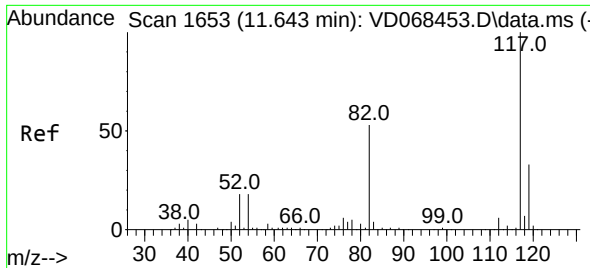
Tgt Ion: 98 Resp: 683395
Ion Ratio Lower Upper
98 100
100 64.4 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 50.82 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068543.D
Acq: 05 Mar 2021 15:00

Tgt Ion: 95 Resp: 213668
Ion Ratio Lower Upper
95 100
174 89.0 0.0 172.4
176 84.3 0.0 168.4

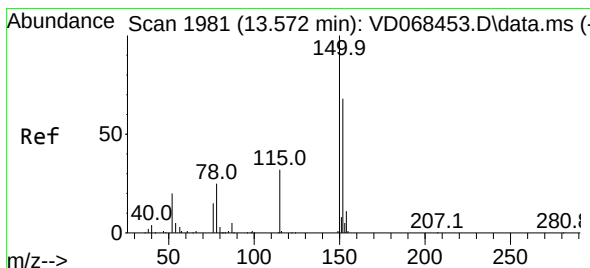
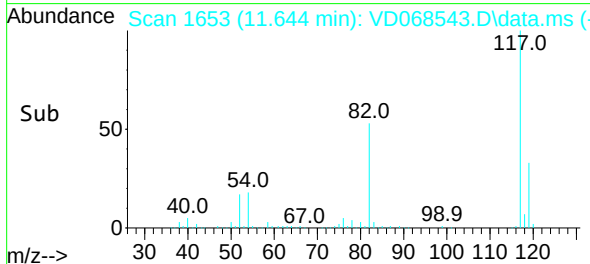
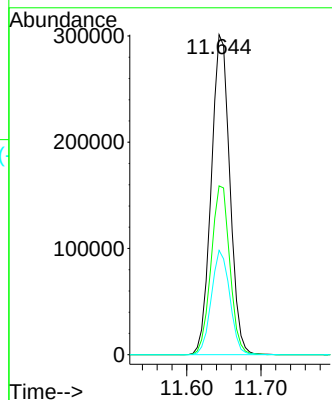
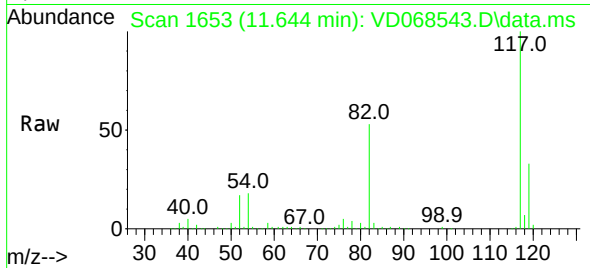




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068543.D
Acq: 05 Mar 2021 15:00

Instrument :
MSVOA_D
ClientSampleId :
FK-EF-01-018-ABCD

Tgt Ion:117 Resp: 523498
Ion Ratio Lower Upper
117 100
82 52.8 41.4 62.0
119 32.6 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: VD068543.D
Acq: 05 Mar 2021 15:00

Tgt Ion:152 Resp: 231343
Ion Ratio Lower Upper
152 100
115 58.0 28.9 86.8
150 158.4 0.0 344.4

