

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030521\
 Data File : VD068541.D
 Acq On : 05 Mar 2021 14:04
 Operator : VA/SY
 Sample : M1589-02
 Misc : 6.78G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-067-A

Quant Time: Mar 05 23:11:52 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	323858	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	567784	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	527288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	214678	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	170751	52.77	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.54%
35) Dibromofluoromethane	7.914	113	177689	51.95	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.90%
50) Toluene-d8	10.338	98	699780	51.37	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.74%
62) 4-Bromofluorobenzene	12.632	95	206386	47.01	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.02%

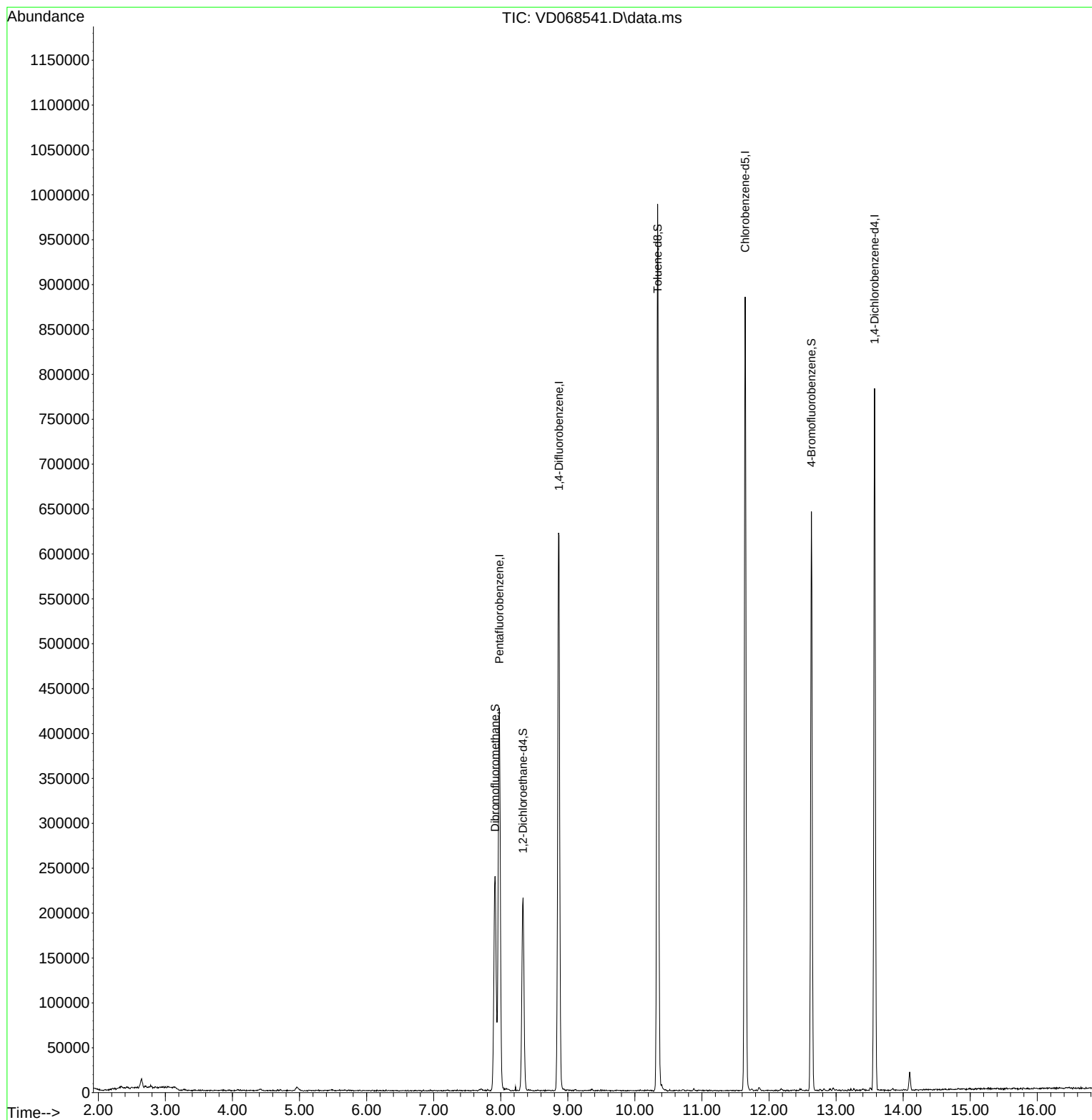
Target Compounds	Qvalue

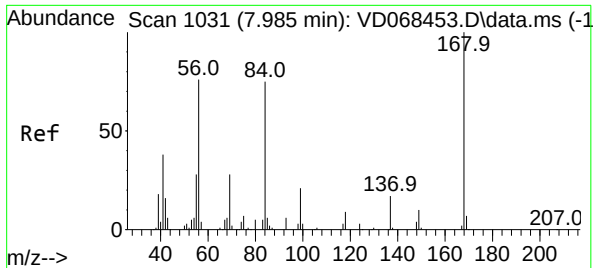
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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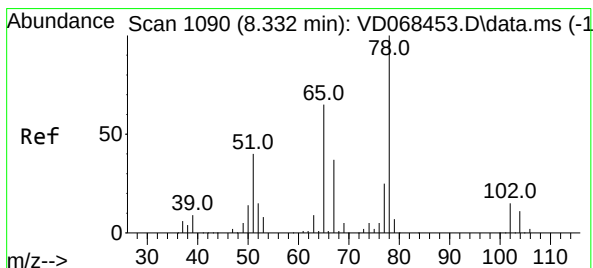
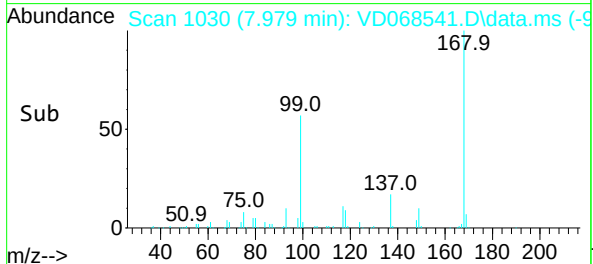
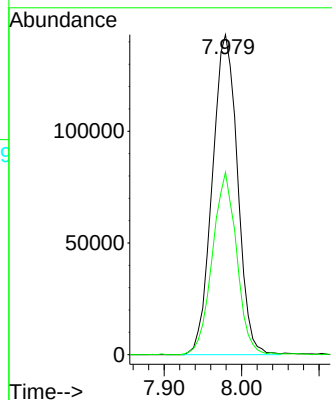
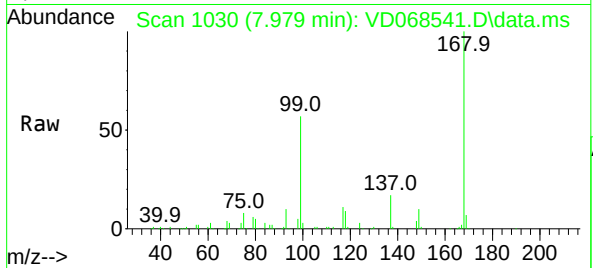




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068541.D
Acq: 05 Mar 2021 14:04

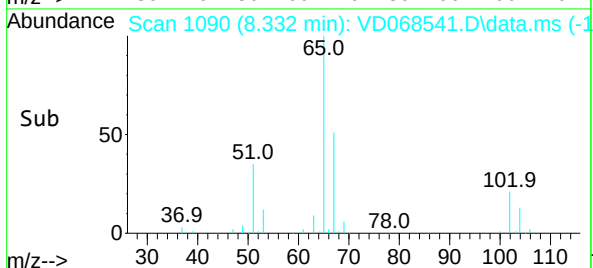
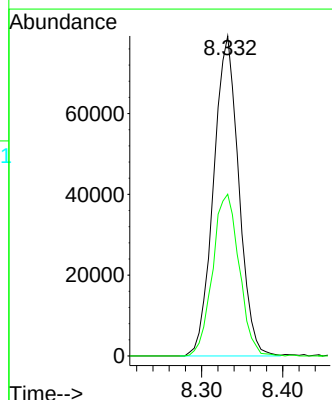
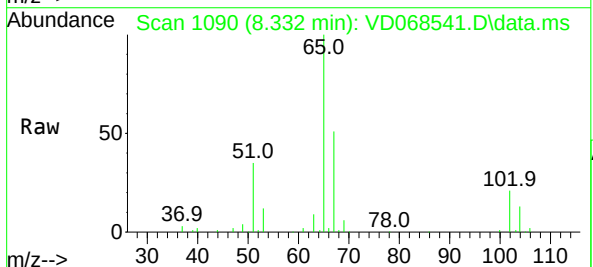
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-067-A

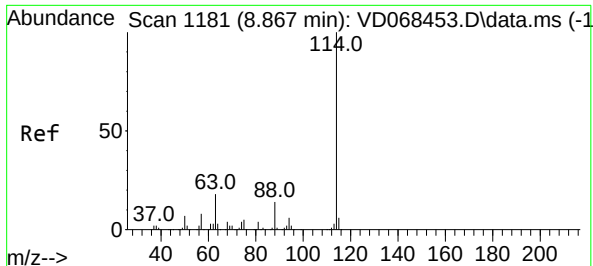
Tgt Ion:168 Resp: 323858
Ion Ratio Lower Upper
168 100
99 57.0 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 52.77 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068541.D
Acq: 05 Mar 2021 14:04

Tgt Ion: 65 Resp: 170751
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.0



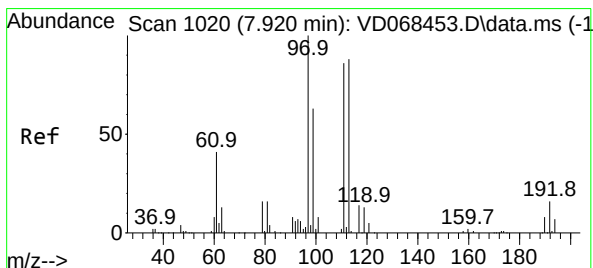
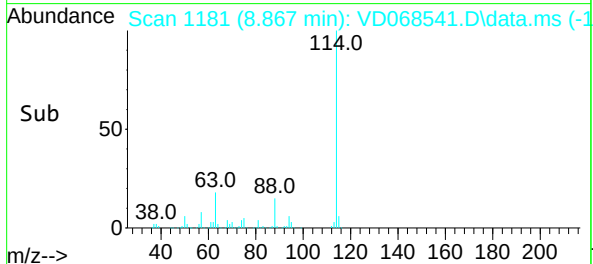
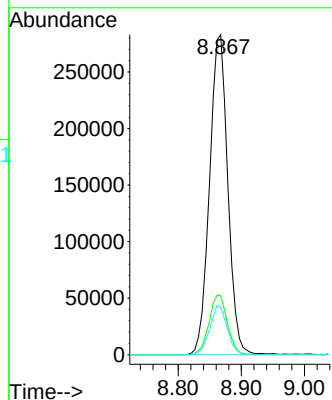
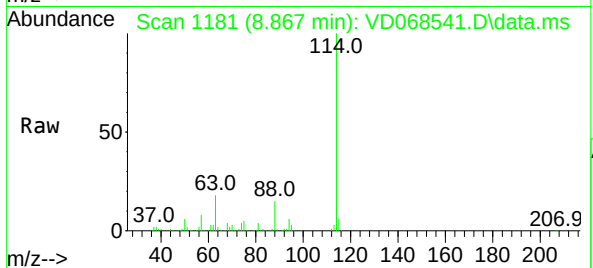


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068541.D
Acq: 05 Mar 2021 14:04

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-067-A

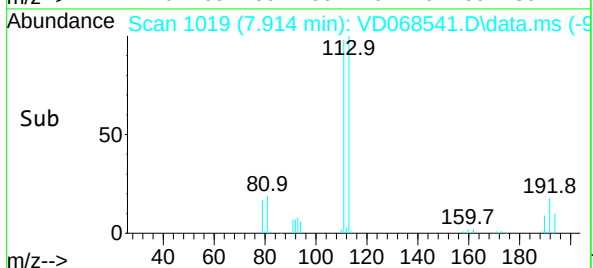
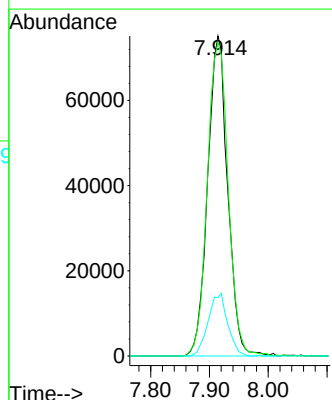
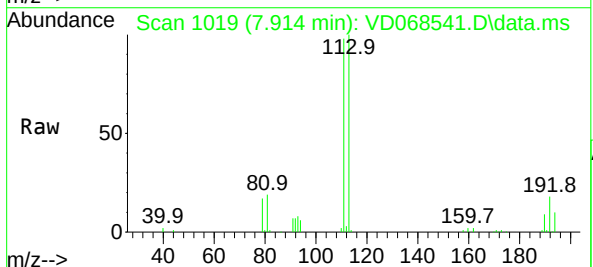
Tgt Ion:114 Resp: 567784
Ion Ratio Lower Upper
114 100
63 18.4 0.0 34.8
88 14.8 0.0 31.6

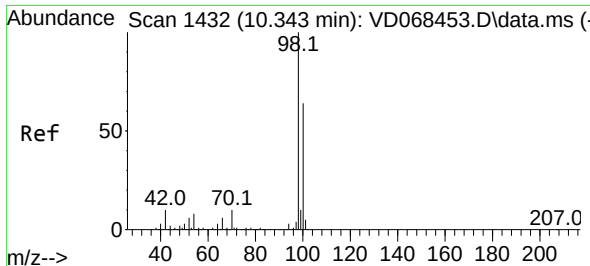


#35

Dibromofluoromethane
Concen: 51.95 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.005 min
Lab File: VD068541.D
Acq: 05 Mar 2021 14:04

Tgt Ion:113 Resp: 177689
Ion Ratio Lower Upper
113 100
111 102.5 81.4 122.0
192 19.1 16.1 24.1

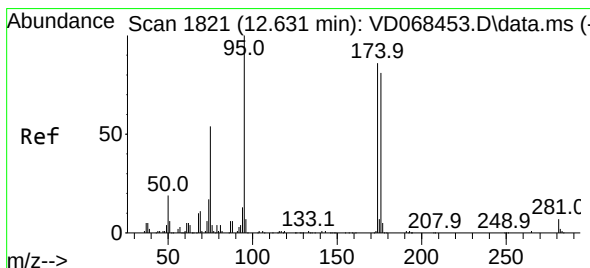
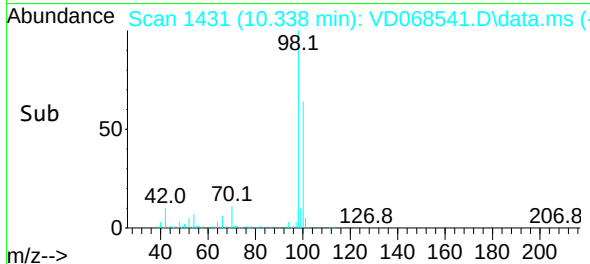
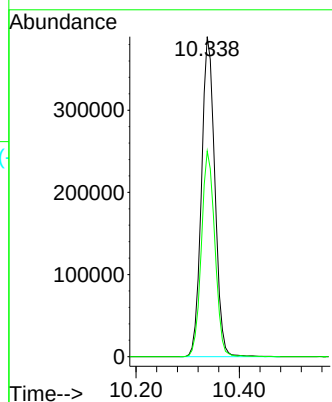
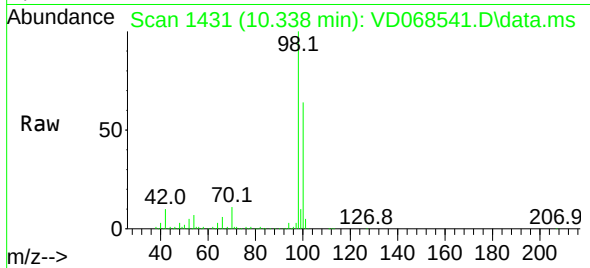




#50
Toluene-d8
Concen: 51.37 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD068541.D
Acq: 05 Mar 2021 14:04

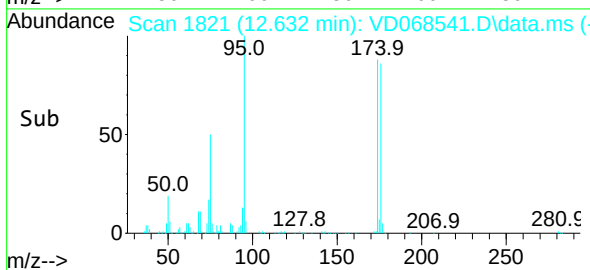
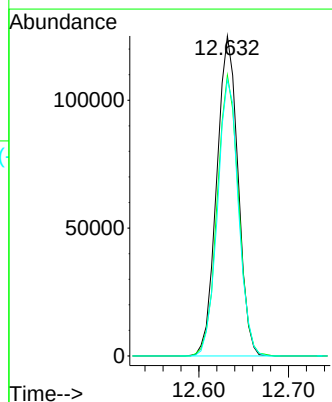
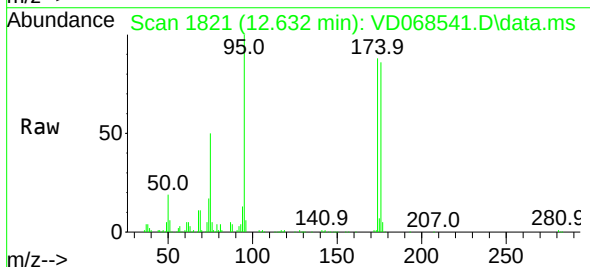
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-067-A

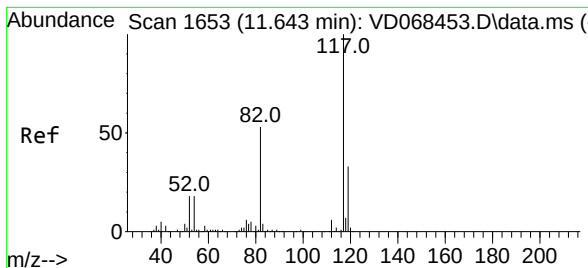
Tgt Ion: 98 Resp: 699780
Ion Ratio Lower Upper
98 100
100 64.8 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 47.01 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068541.D
Acq: 05 Mar 2021 14:04

Tgt Ion: 95 Resp: 206386
Ion Ratio Lower Upper
95 100
174 87.4 0.0 172.4
176 84.9 0.0 168.4

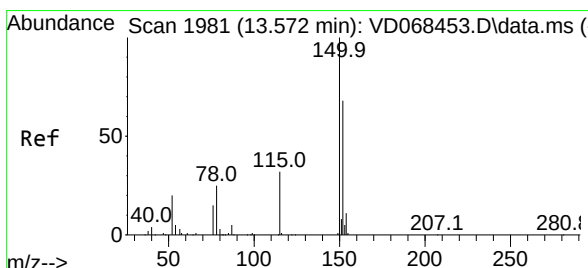
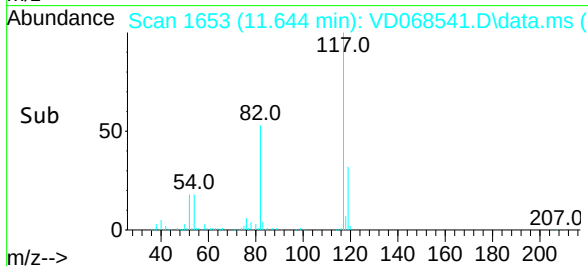
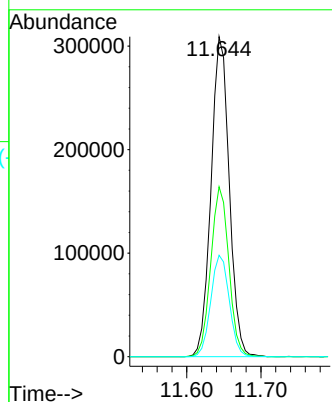
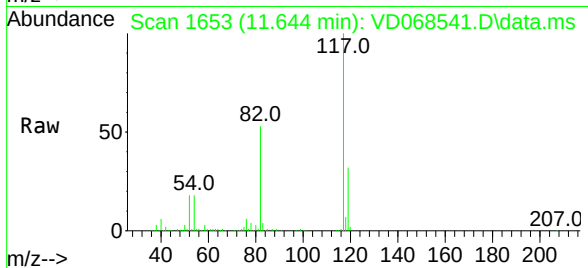




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068541.D
Acq: 05 Mar 2021 14:04

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-067-A

Tgt Ion:117 Resp: 527288
Ion Ratio Lower Upper
117 100
82 53.1 41.4 62.0
119 31.7 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: VD068541.D
Acq: 05 Mar 2021 14:04

Tgt Ion:152 Resp: 214678
Ion Ratio Lower Upper
152 100
115 56.3 28.9 86.8
150 153.8 0.0 344.4

