

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031721\
 Data File : VD068647.D
 Acq On : 17 Mar 2021 19:38
 Operator : VA/SY
 Sample : M1692-04
 Misc : 6.54G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-069-B

Quant Time: Mar 18 00:58:36 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	7.985	168	265981	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	501589	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	499723	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	257938	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	147926	55.66	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.32%
35) Dibromofluoromethane	7.914	113	159468	52.78	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.56%
50) Toluene-d8	10.344	98	628490	52.22	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.44%
62) 4-Bromofluorobenzene	12.632	95	212526	54.79	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.58%

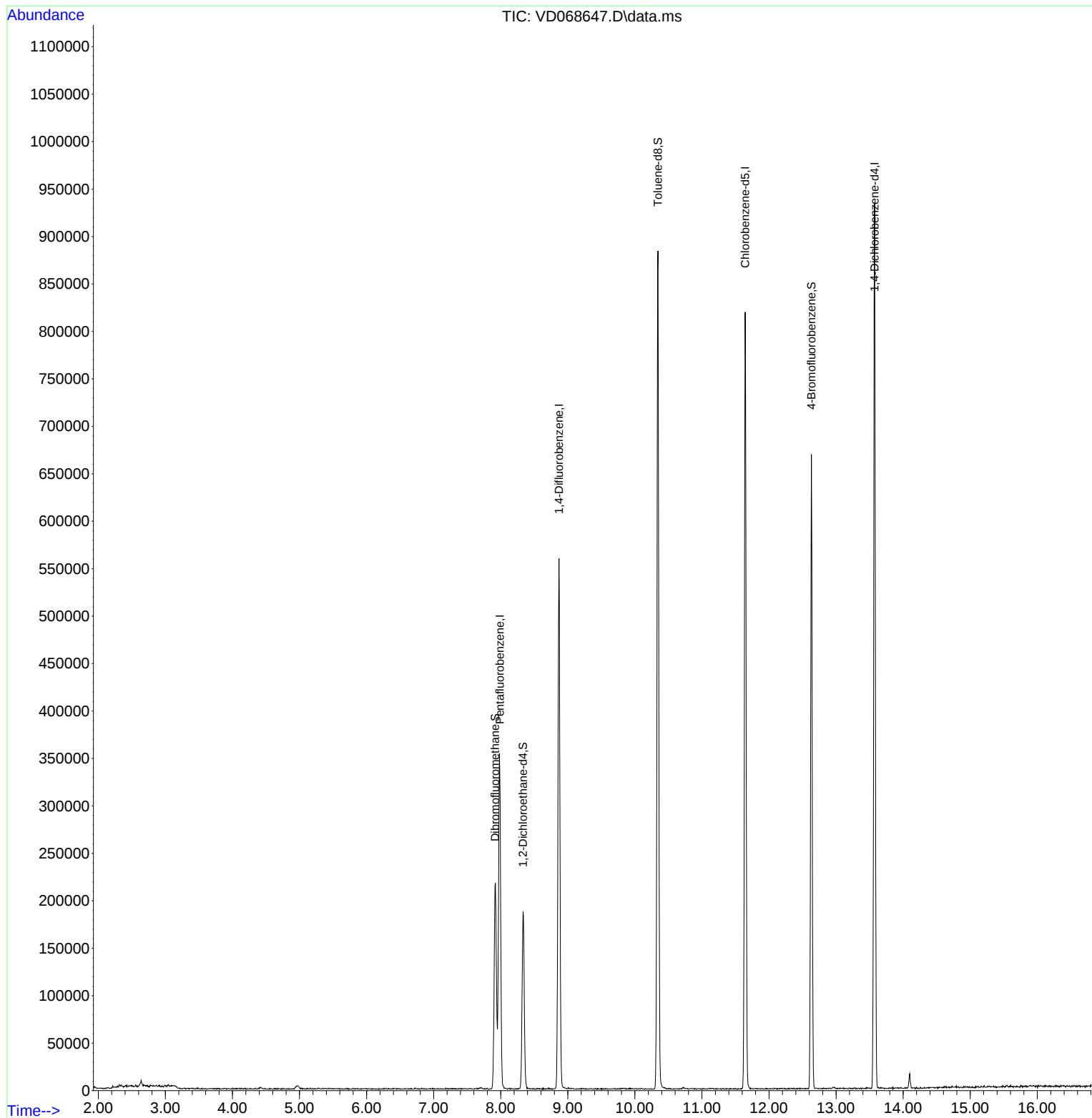
Target Compounds	Qvalue

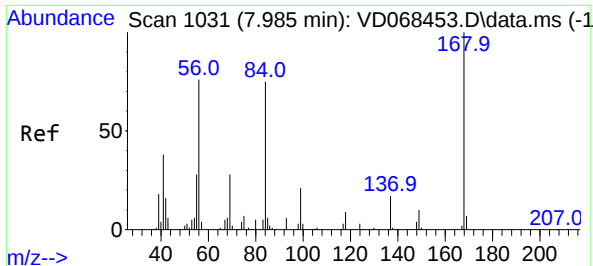
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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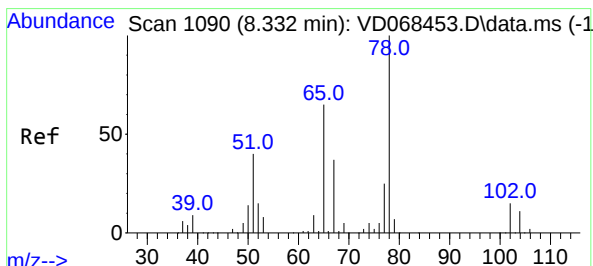
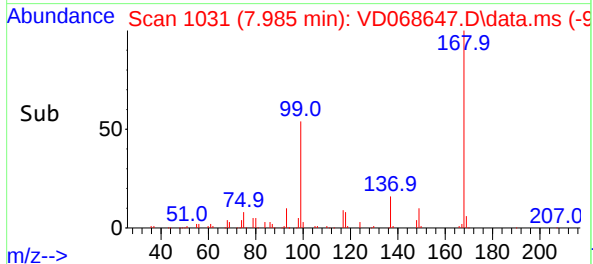
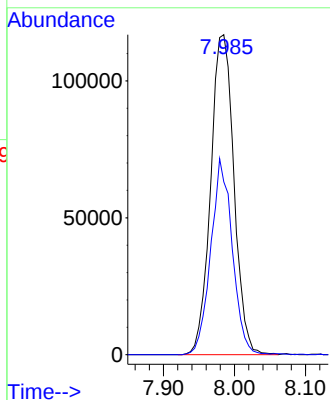
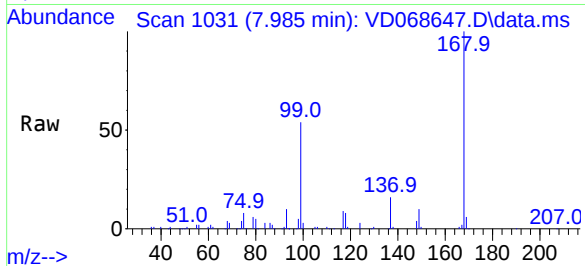




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068647.D
Acq: 17 Mar 2021 19:38

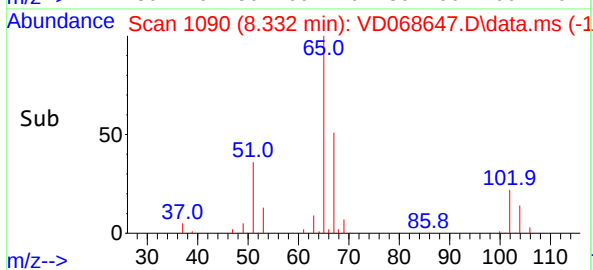
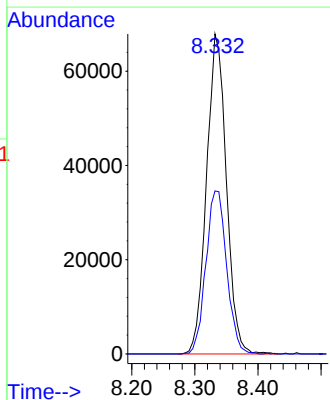
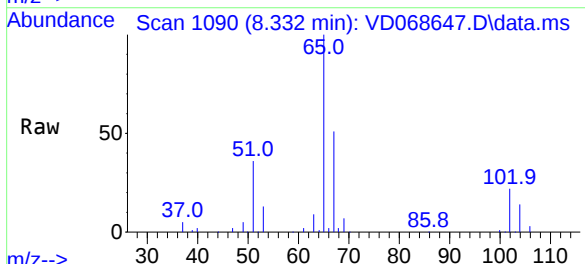
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-069-B

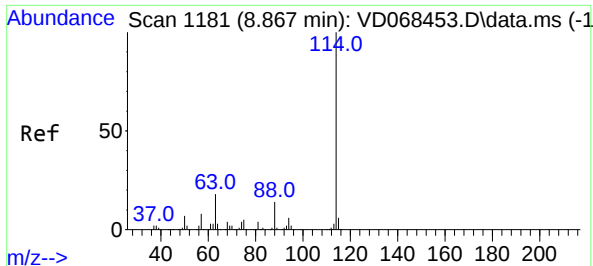
Tgt Ion:168 Resp: 265981
Ion Ratio Lower Upper
168 100
99 54.0 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 55.66 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068647.D
Acq: 17 Mar 2021 19:38

Tgt Ion: 65 Resp: 147926
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.0



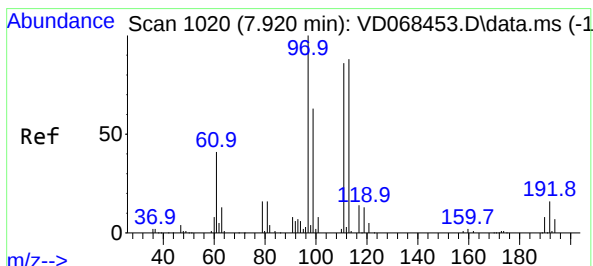
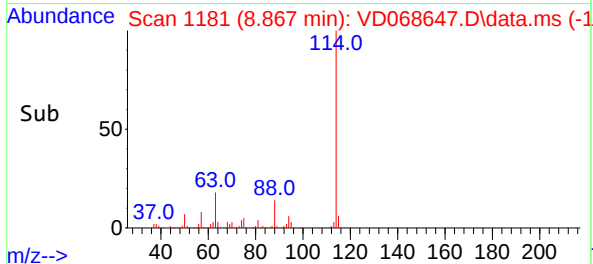
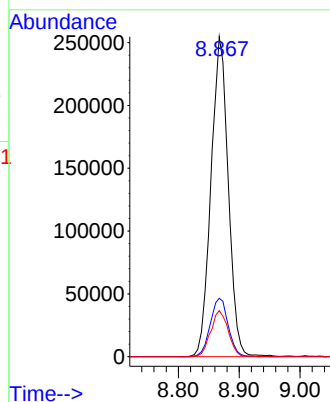
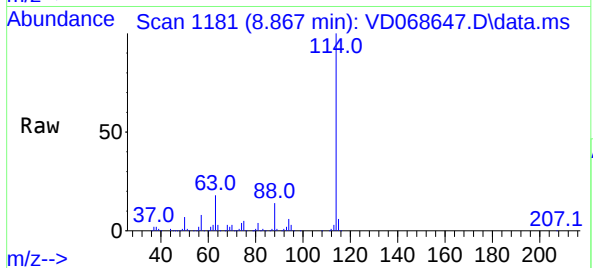


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068647.D
Acq: 17 Mar 2021 19:38

Instrument :
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ClientSampleId :
FK-GF-02-069-B

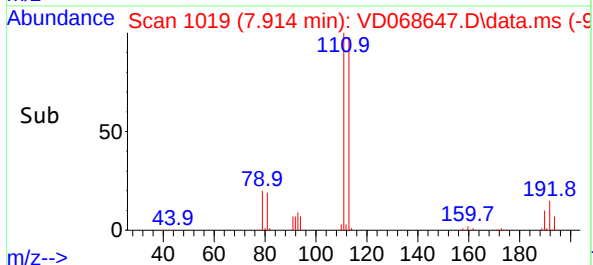
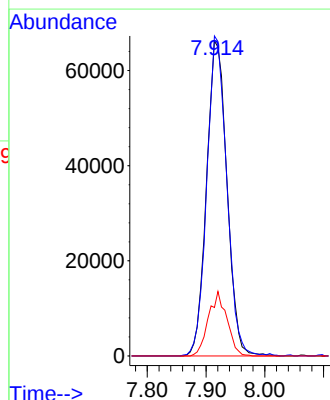
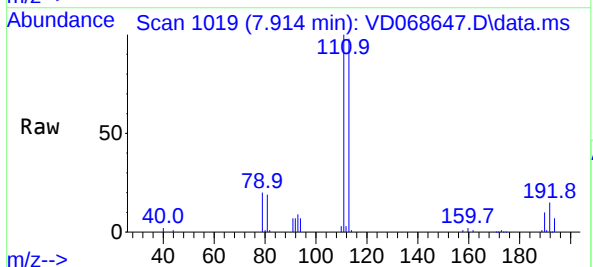
Tgt Ion:	114	Resp:	501589
Ion Ratio	Lower	Upper	
114	100		
63	18.3	0.0	34.8
88	14.4	0.0	31.6

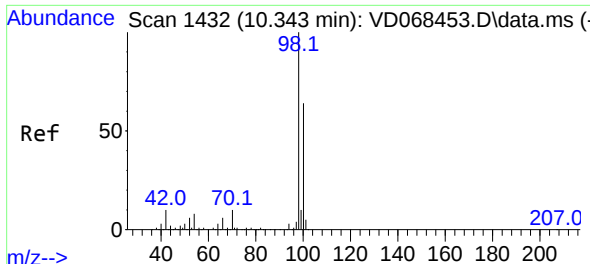


#35

Dibromofluoromethane
Concen: 52.78 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.005 min
Lab File: VD068647.D
Acq: 17 Mar 2021 19:38

Tgt Ion:	113	Resp:	159468
Ion Ratio	Lower	Upper	
113	100		
111	99.6	81.4	122.0
192	18.6	16.1	24.1

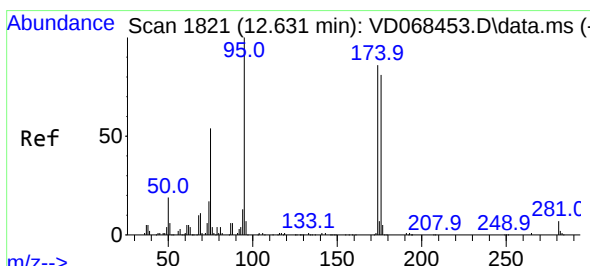
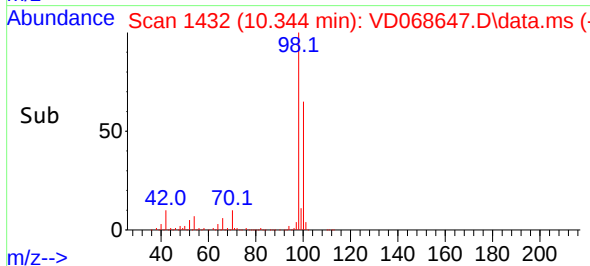
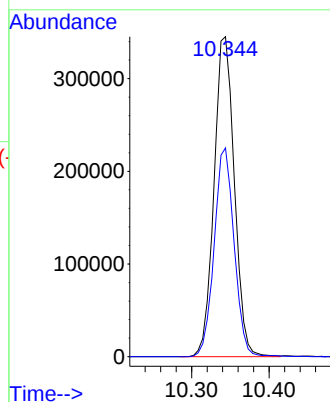
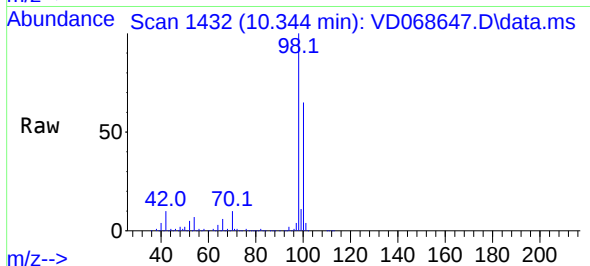




#50
Toluene-d8
Concen: 52.22 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068647.D
Acq: 17 Mar 2021 19:38

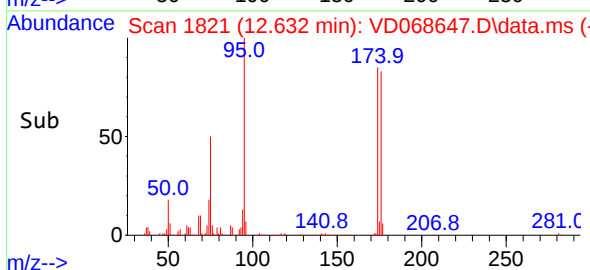
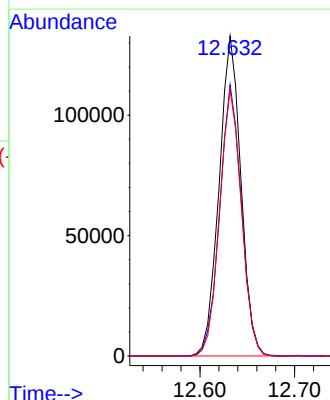
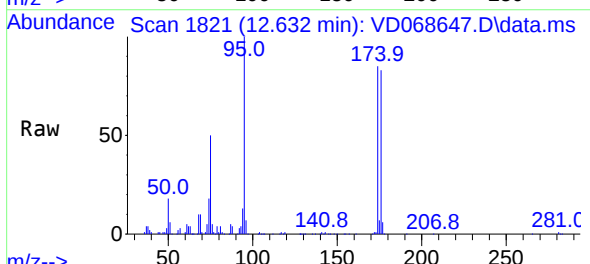
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-069-B

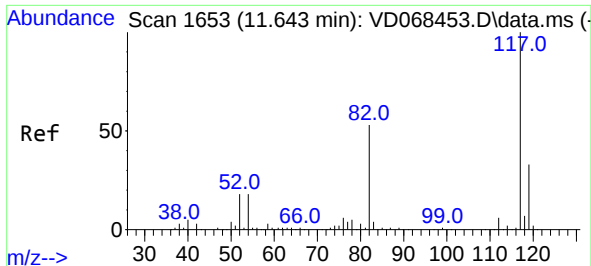
Tgt Ion: 98 Resp: 628490
Ion Ratio Lower Upper
98 100
100 64.2 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 54.79 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068647.D
Acq: 17 Mar 2021 19:38

Tgt Ion: 95 Resp: 212526
Ion Ratio Lower Upper
95 100
174 84.7 0.0 172.4
176 83.1 0.0 168.4

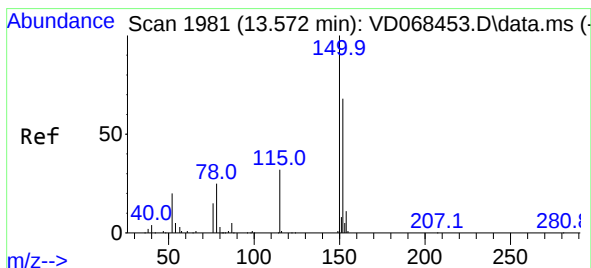
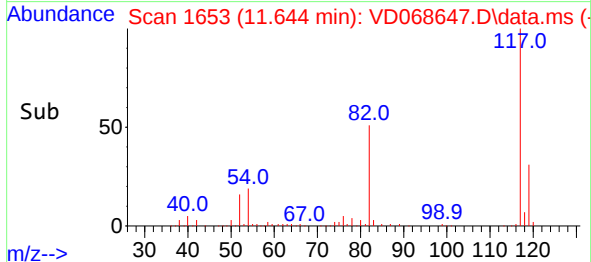
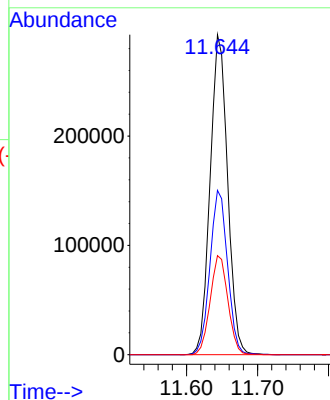
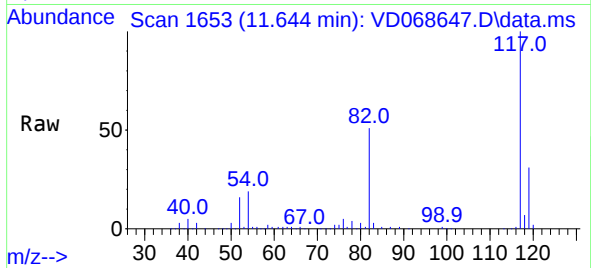




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068647.D
Acq: 17 Mar 2021 19:38

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-069-B

Tgt Ion:117 Resp: 499723
Ion Ratio Lower Upper
117 100
82 51.4 41.4 62.0
119 31.0 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: VD068647.D
Acq: 17 Mar 2021 19:38

Tgt Ion:152 Resp: 257938
Ion Ratio Lower Upper
152 100
115 57.9 28.9 86.8
150 158.8 0.0 344.4

