

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031721\
 Data File : VD068646.D
 Acq On : 17 Mar 2021 19:10
 Operator : VA/SY
 Sample : M1692-02
 Misc : 6.69G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Mar 18 00:58:21 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	268541	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	498820	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	490906	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	259634	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	148272	55.26	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.52%
35) Dibromofluoromethane	7.920	113	162557	54.10	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.20%
50) Toluene-d8	10.344	98	627849	52.46	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.92%
62) 4-Bromofluorobenzene	12.632	95	214015	55.48	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.96%

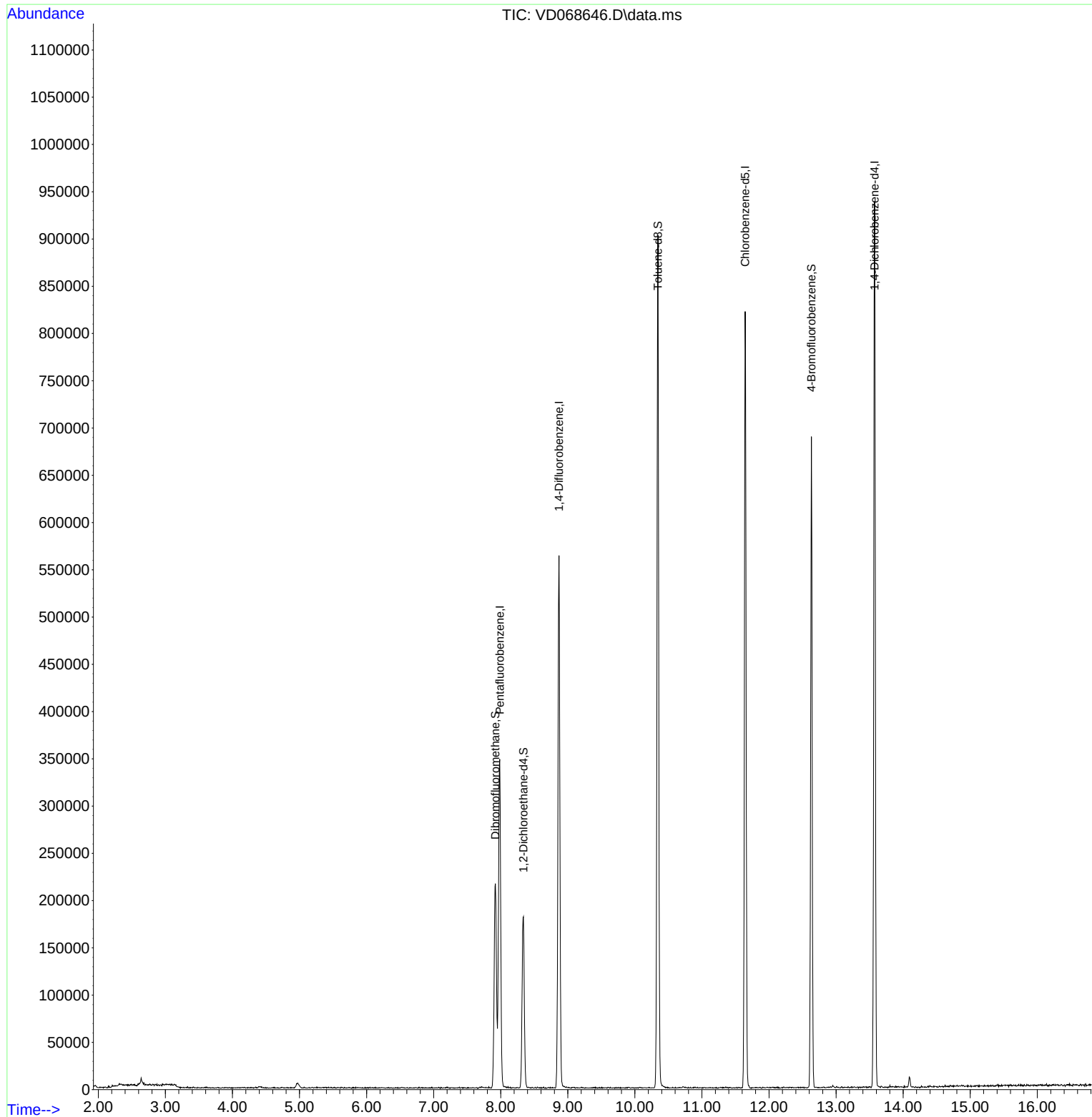
Target Compounds	Qvalue
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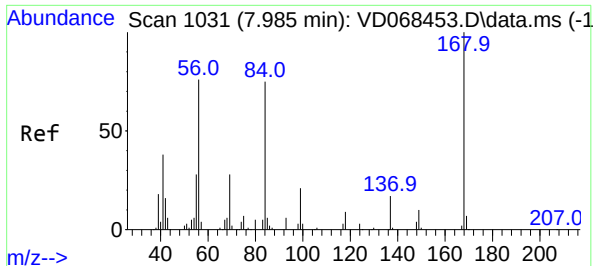
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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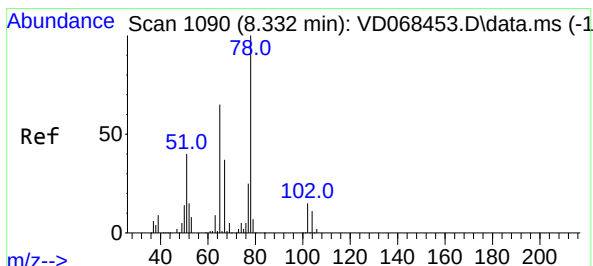
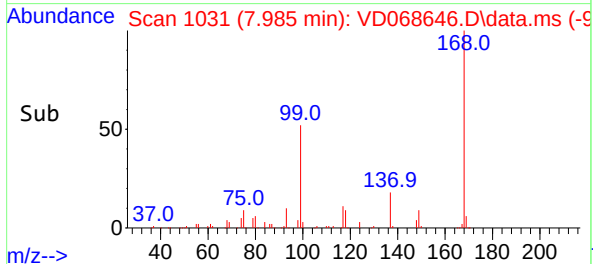
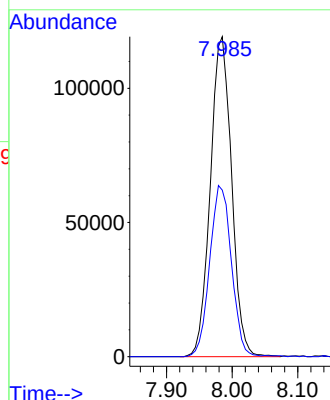
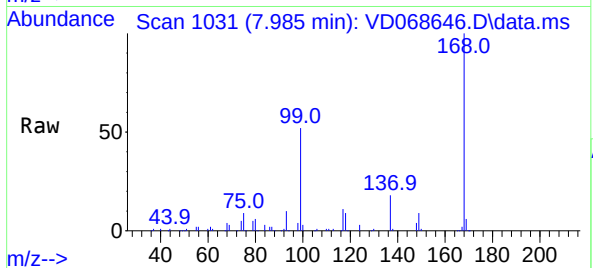




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.985 min Scan# 1031
 Delta R.T. -0.000 min
 Lab File: VD068646.D
 Acq: 17 Mar 2021 19:10

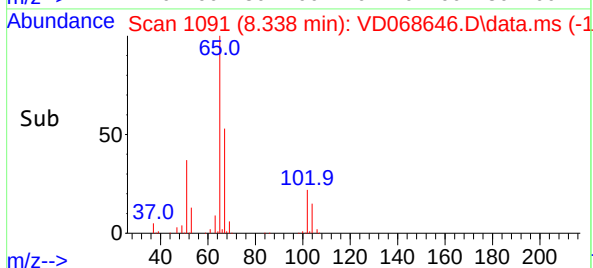
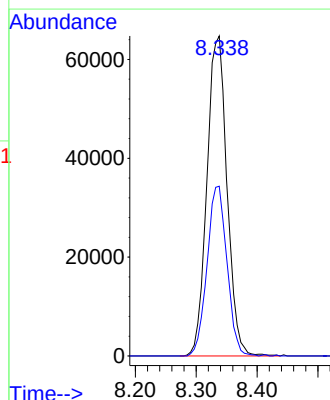
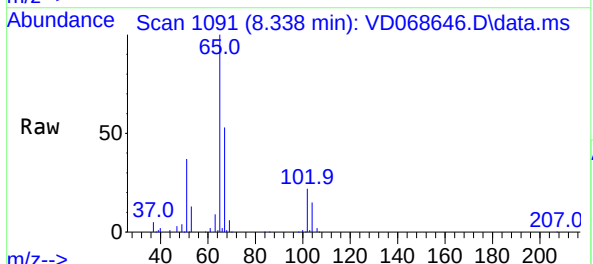
Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-069-A

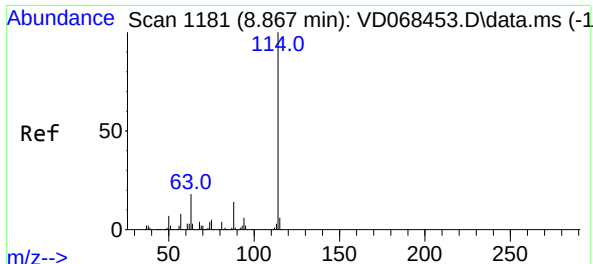
Tgt Ion:168 Resp: 268541
 Ion Ratio Lower Upper
 168 100
 99 52.1 43.5 65.3



1,2-Dichloroethane-d4
 Concen: 55.26 ug/l
 RT: 8.338 min Scan# 1091
 Delta R.T. 0.006 min
 Lab File: VD068646.D
 Acq: 17 Mar 2021 19:10

Tgt Ion: 65 Resp: 148272
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 105.0



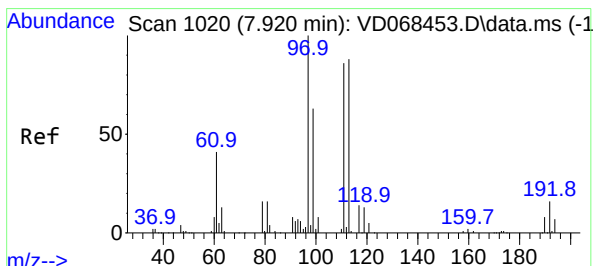
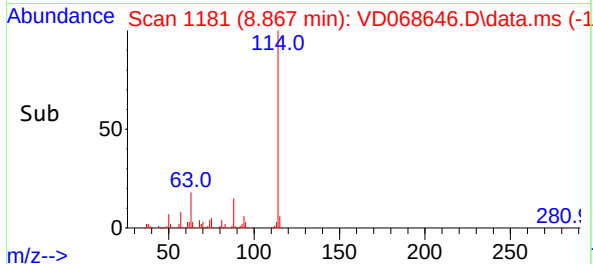
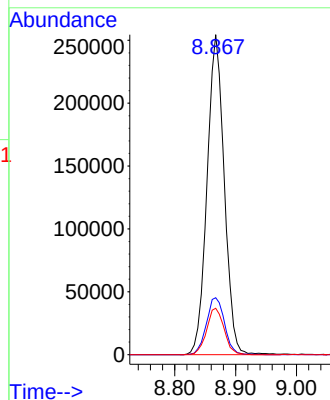
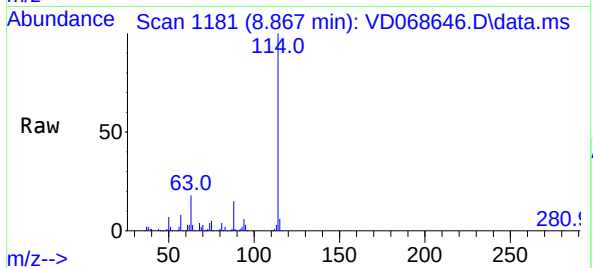


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068646.D
Acq: 17 Mar 2021 19:10

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

Tgt Ion:114 Resp: 498820

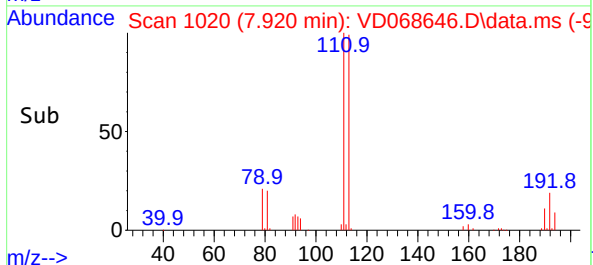
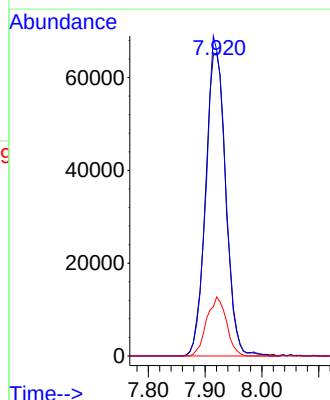
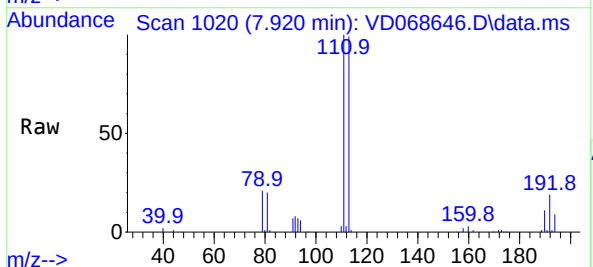
Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	34.8
88	14.5	0.0	31.6

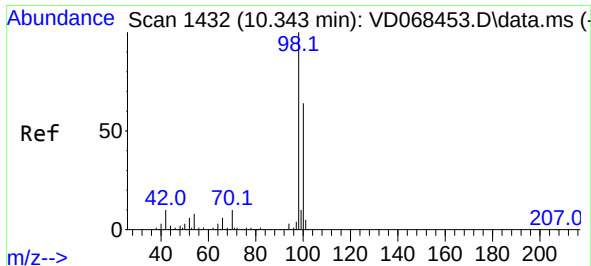


#35
Dibromofluoromethane
Concen: 54.10 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068646.D
Acq: 17 Mar 2021 19:10

Tgt Ion:113 Resp: 162557

Ion	Ratio	Lower	Upper
113	100		
111	99.6	81.4	122.0
192	18.9	16.1	24.1

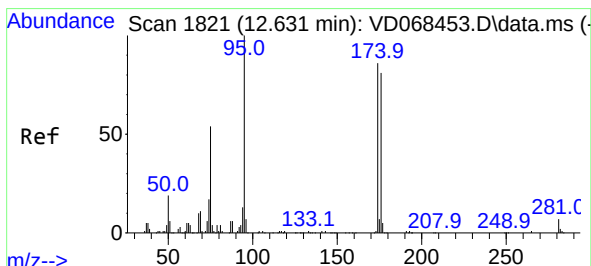
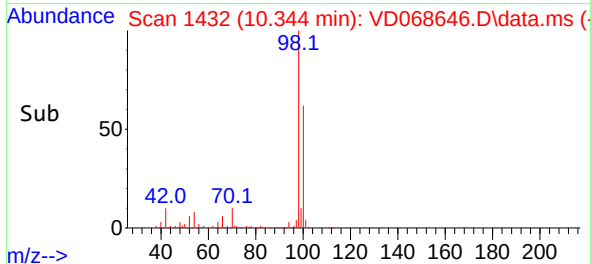
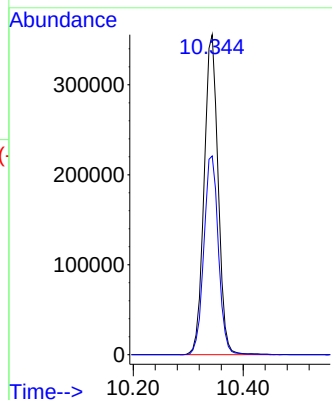
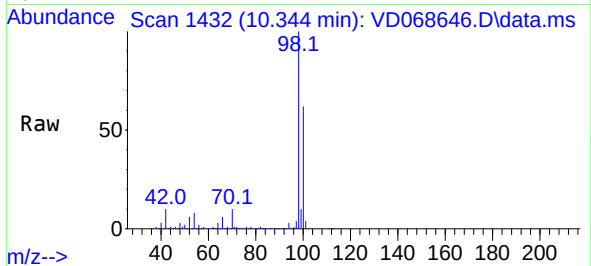




#50
Toluene-d8
Concen: 52.46 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068646.D
Acq: 17 Mar 2021 19:10

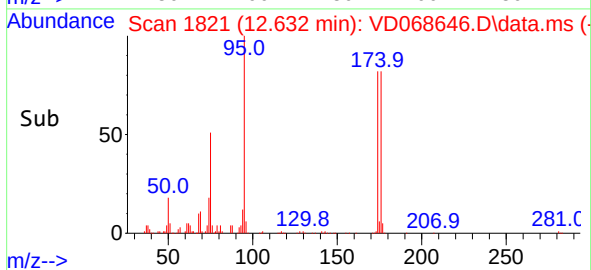
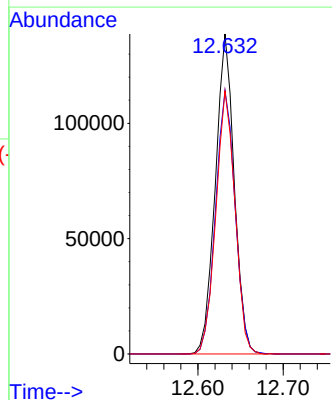
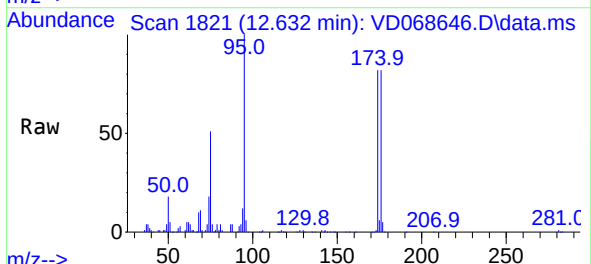
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-069-A

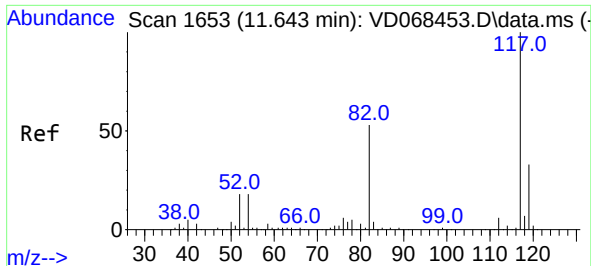
Tgt Ion: 98 Resp: 627849
Ion Ratio Lower Upper
98 100
100 64.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 55.48 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068646.D
Acq: 17 Mar 2021 19:10

Tgt Ion: 95 Resp: 214015
Ion Ratio Lower Upper
95 100
174 85.3 0.0 172.4
176 83.1 0.0 168.4

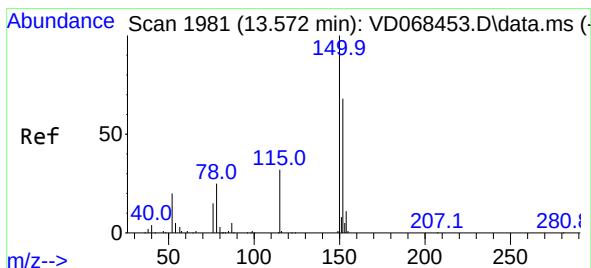
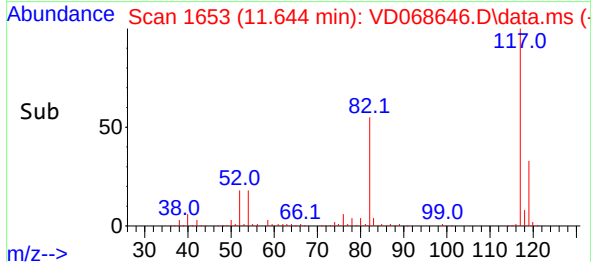
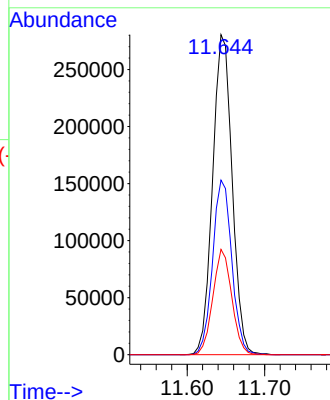
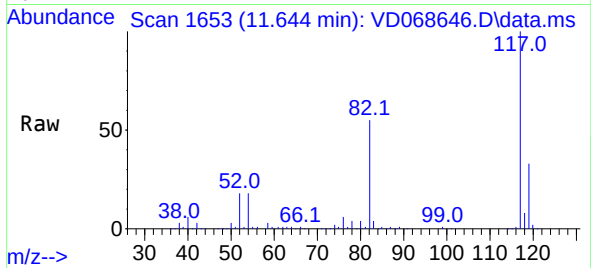




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068646.D
Acq: 17 Mar 2021 19:10

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

Tgt Ion:117 Resp: 490906
Ion Ratio Lower Upper
117 100
82 54.6 41.4 62.0
119 32.9 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: VD068646.D
Acq: 17 Mar 2021 19:10

Tgt Ion:152 Resp: 259634
Ion Ratio Lower Upper
152 100
115 57.8 28.9 86.8
150 156.0 0.0 344.4

