

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030521\
 Data File : VD068542.D
 Acq On : 05 Mar 2021 14:32
 Operator : VA/SY
 Sample : M1589-04
 Misc : 5.93G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Mar 05 23:12:07 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	332026	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	573134	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	554941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	241976	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	174837	52.70	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.40%	
35) Dibromofluoromethane	7.914	113	181525	52.58	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.16%	
50) Toluene-d8	10.343	98	725684	52.77	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.54%	
62) 4-Bromofluorobenzene	12.631	95	225567	50.90	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.80%	

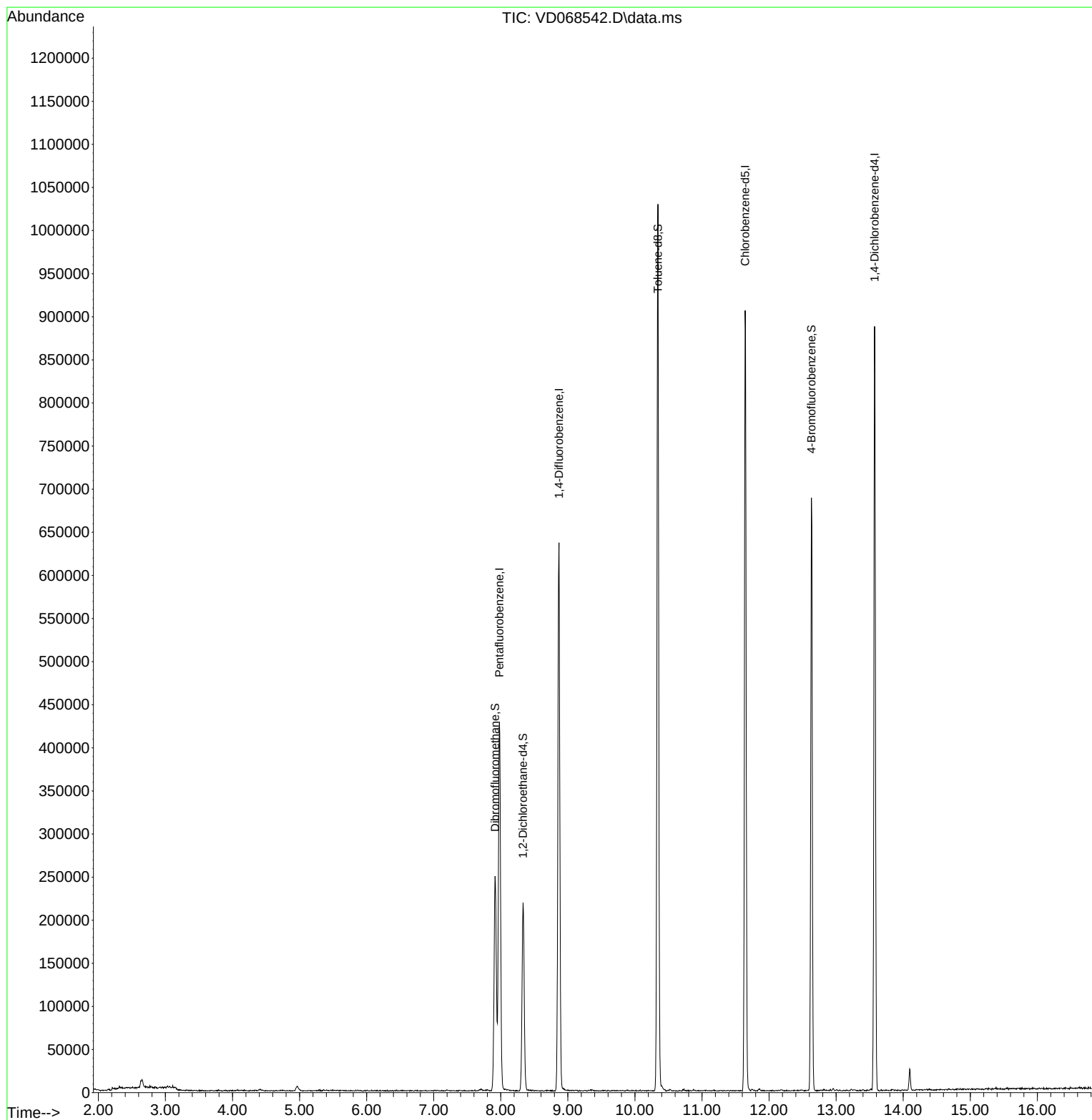
Target Compounds	Qvalue

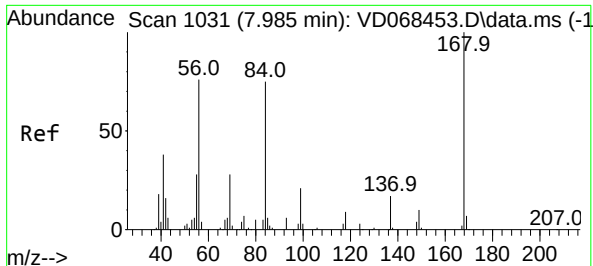
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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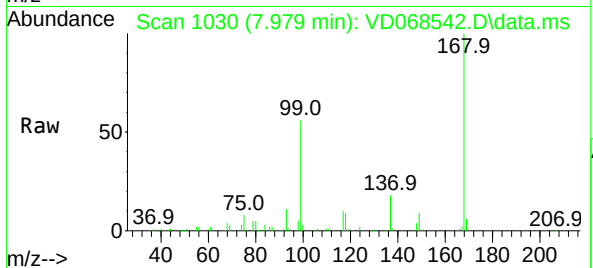
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
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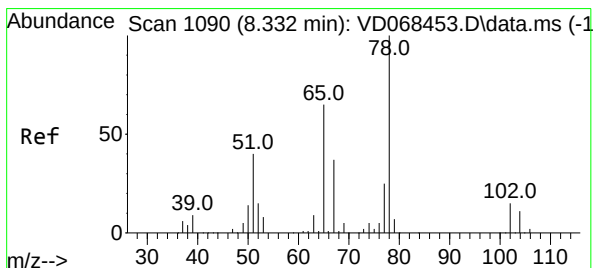
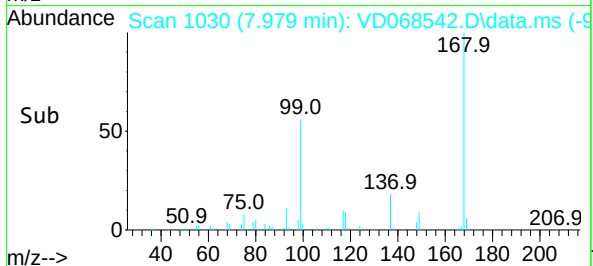
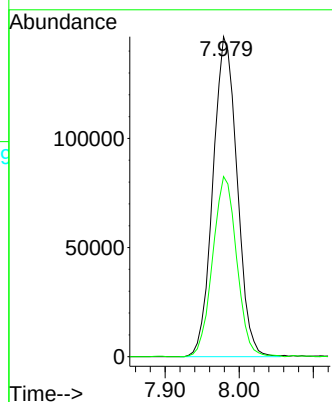


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068542.D
Acq: 05 Mar 2021 14:32

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

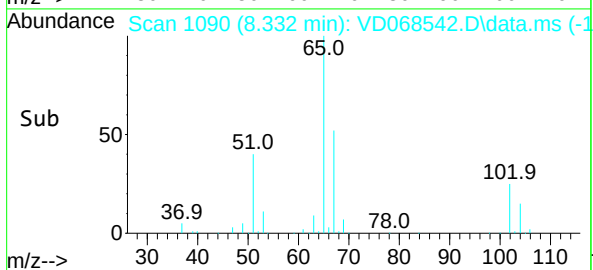
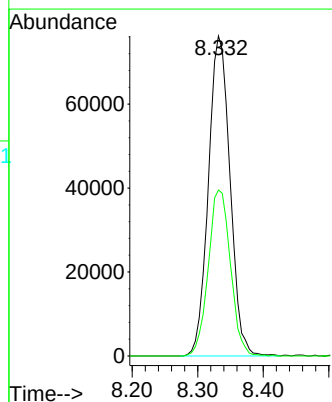
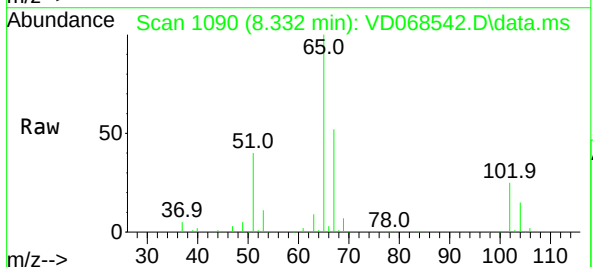


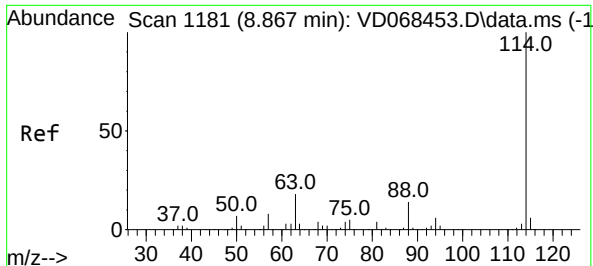
Tgt Ion:168 Resp: 332026
Ion Ratio Lower Upper
168 100
99 56.3 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 52.70 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068542.D
Acq: 05 Mar 2021 14:32

Tgt Ion: 65 Resp: 174837
Ion Ratio Lower Upper
65 100
67 53.1 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: VD068542.D

Acq: 05 Mar 2021 14:32

Tgt Ion:114 Resp: 573134

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.8

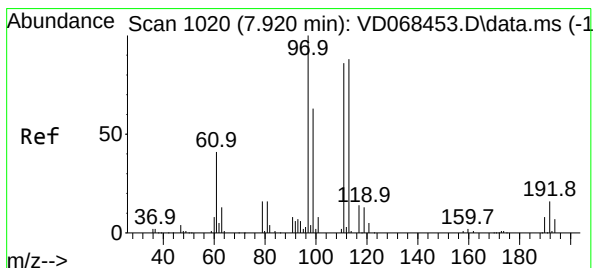
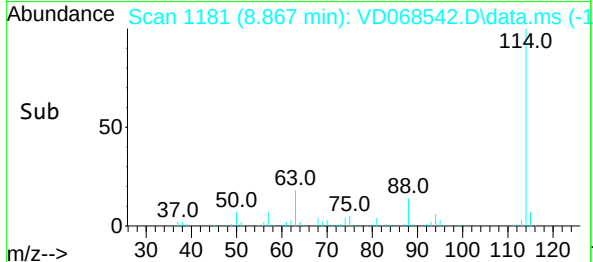
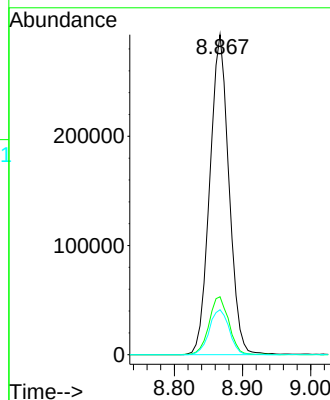
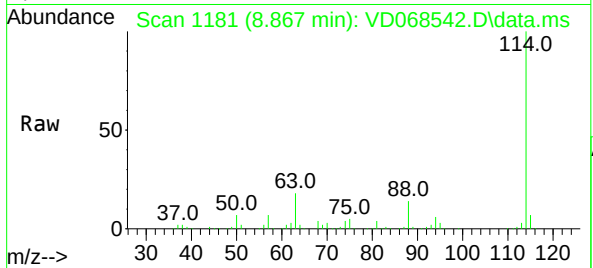
88 14.0 0.0 31.6

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-067-B



#35

Dibromofluoromethane

Concen: 52.58 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068542.D

Acq: 05 Mar 2021 14:32

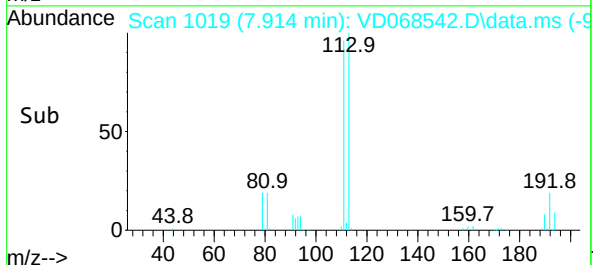
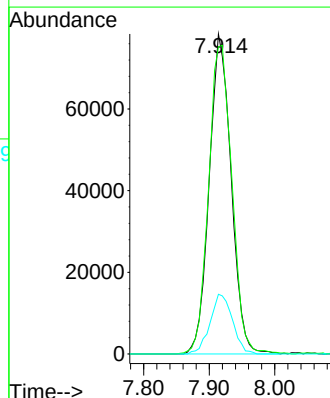
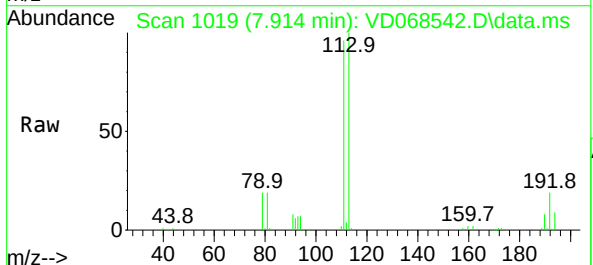
Tgt Ion:113 Resp: 181525

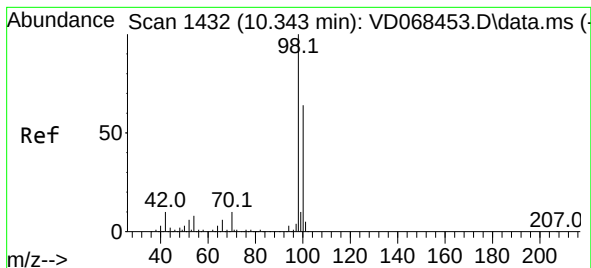
Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

192 19.1 16.1 24.1

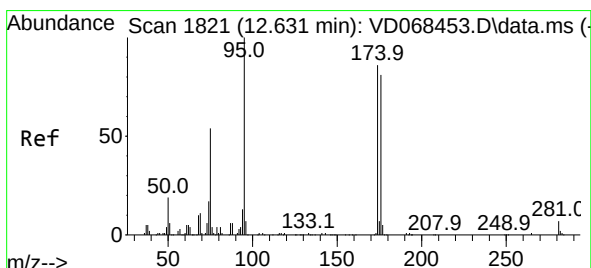
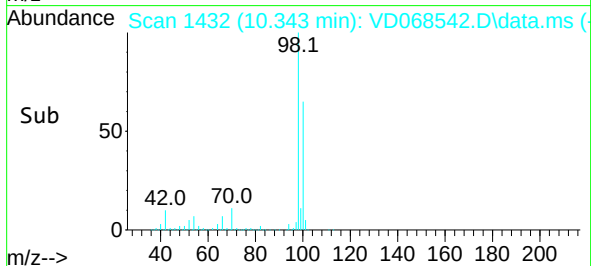
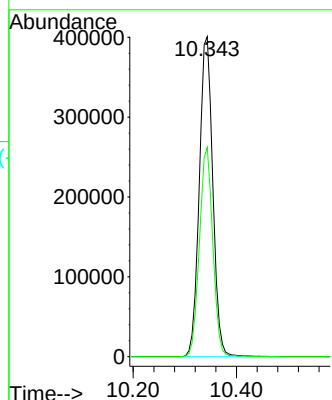
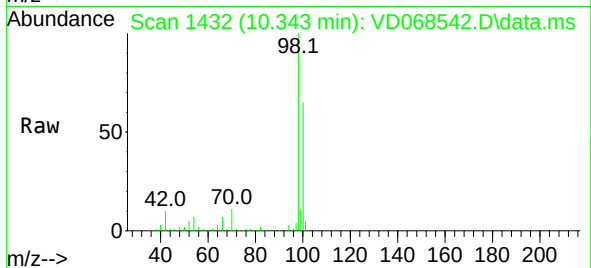




#50
Toluene-d8
Concen: 52.77 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068542.D
Acq: 05 Mar 2021 14:32

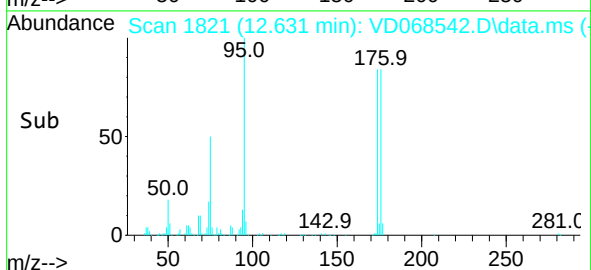
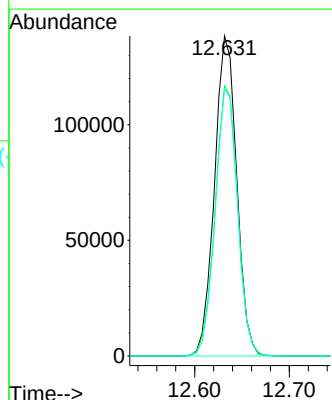
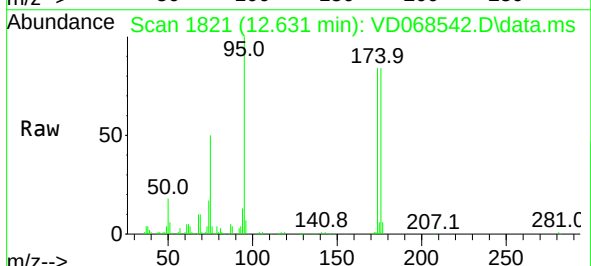
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-067-B

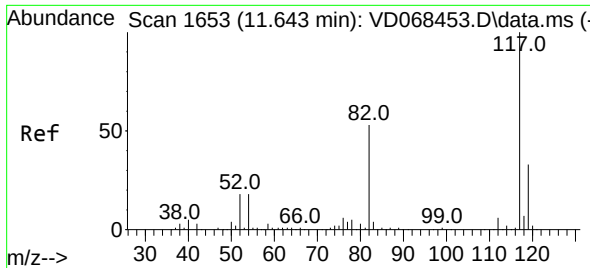
Tgt Ion: 98 Resp: 725684
Ion Ratio Lower Upper
98 100
100 65.0 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 50.90 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068542.D
Acq: 05 Mar 2021 14:32

Tgt Ion: 95 Resp: 225567
Ion Ratio Lower Upper
95 100
174 85.4 0.0 172.4
176 84.4 0.0 168.4

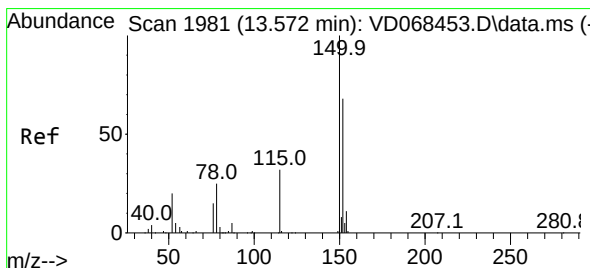
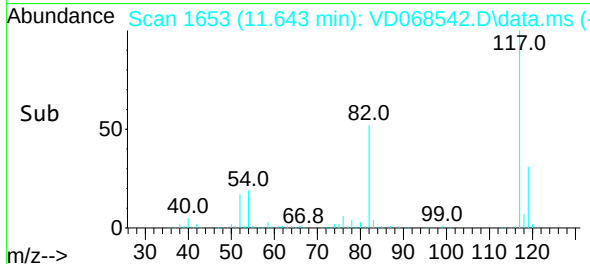
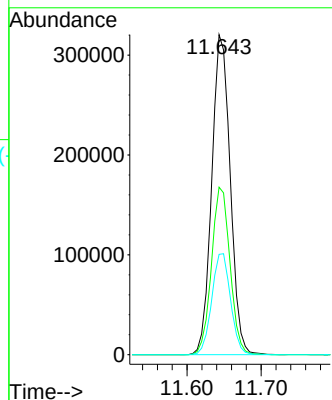
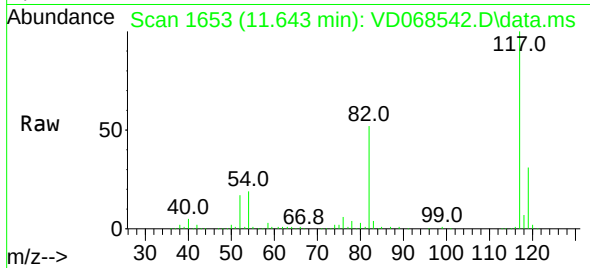




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068542.D
Acq: 05 Mar 2021 14:32

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

Tgt Ion:	117	Resp:	554941
Ion	Ratio	Lower	Upper
117	100		
82	52.4	41.4	62.0
119	31.3	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: VD068542.D
Acq: 05 Mar 2021 14:32

Tgt Ion:	152	Resp:	241976
Ion	Ratio	Lower	Upper
152	100		
115	57.2	28.9	86.8
150	159.6	0.0	344.4

