

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031221\
 Data File : VD068606.D
 Acq On : 12 Mar 2021 15:05
 Operator : VA/SY
 Sample : M1649-05
 Misc : 5.82G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1-3

Quant Time: Mar 12 23:35:56 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	314038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	574761	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	556448	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	306064	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	165985	52.90	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.80%	
35) Dibromofluoromethane	7.914	113	179248	51.77	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.54%	
50) Toluene-d8	10.344	98	723850	52.49	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.98%	
62) 4-Bromofluorobenzene	12.632	95	249424	56.12	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.24%	

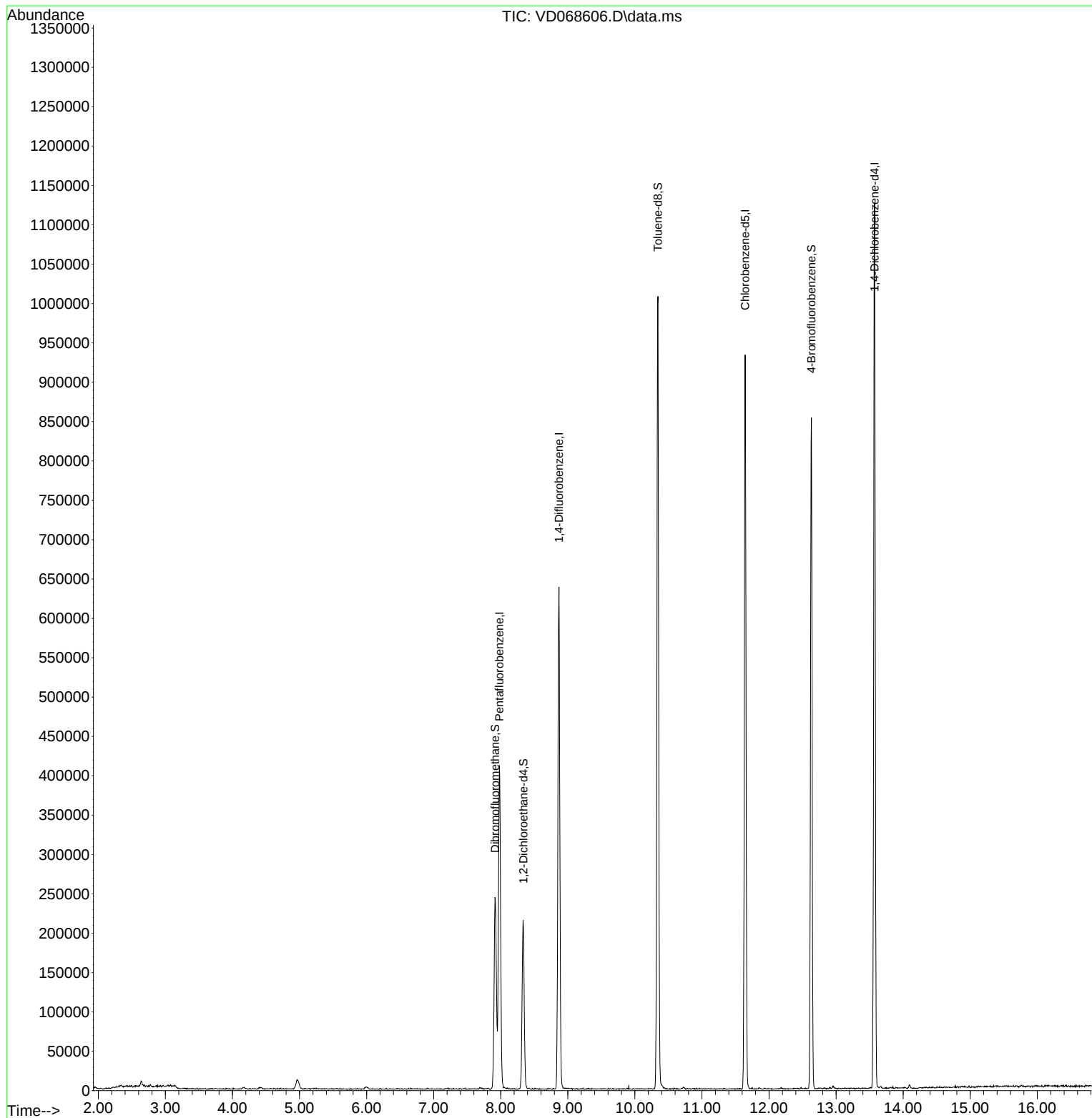
Target Compounds	Qvalue

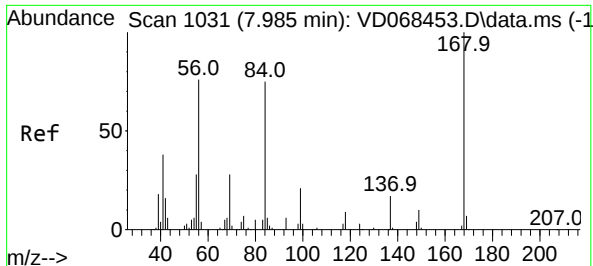
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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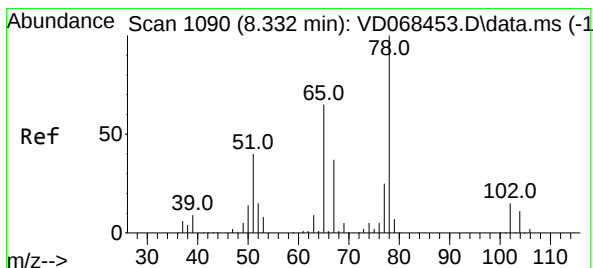
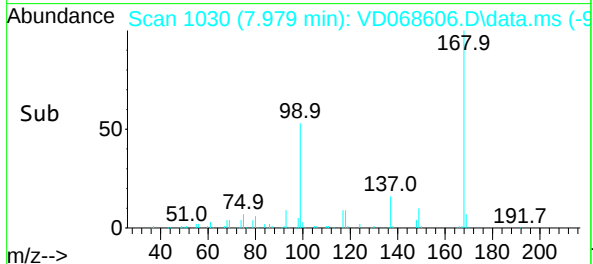
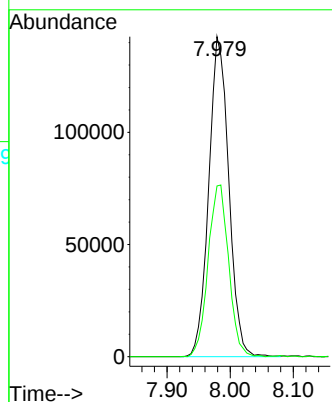
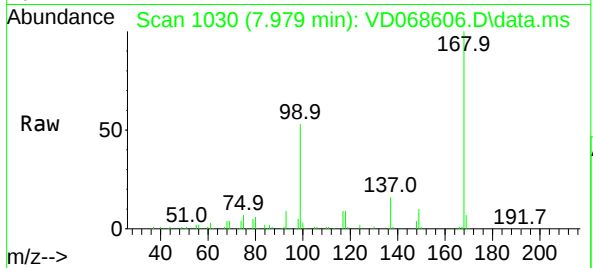




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068606.D
Acq: 12 Mar 2021 15:05

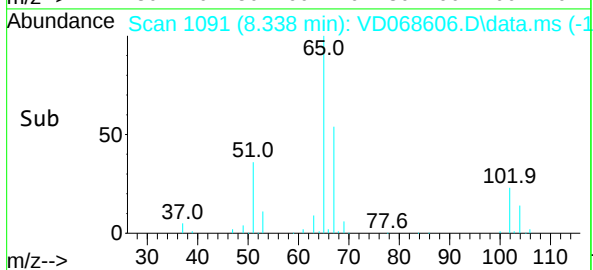
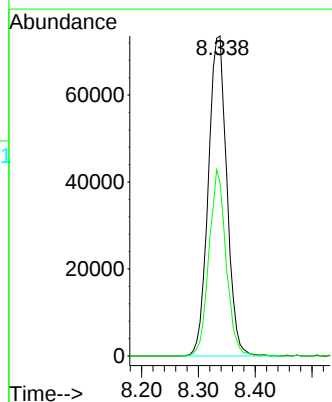
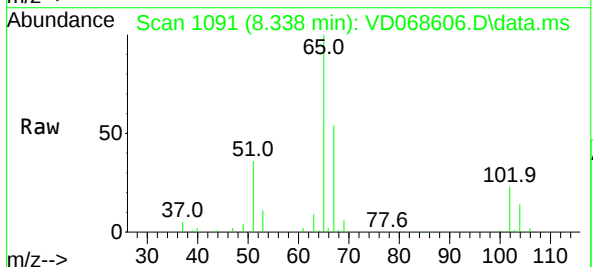
Instrument :
MSVOA_D
ClientSampleId :
SP-1-3

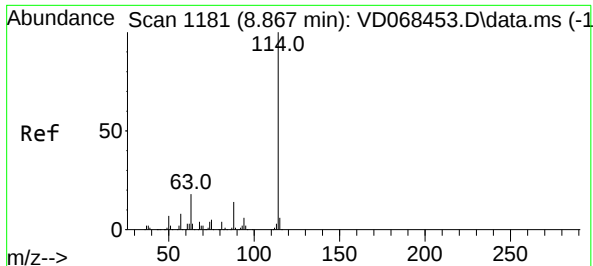
Tgt Ion:168 Resp: 314038
Ion Ratio Lower Upper
168 100
99 53.4 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 52.90 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068606.D
Acq: 12 Mar 2021 15:05

Tgt Ion: 65 Resp: 165985
Ion Ratio Lower Upper
65 100
67 53.8 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: VD068606.D

Acq: 12 Mar 2021 15:05

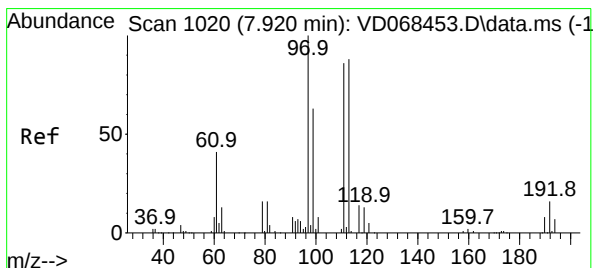
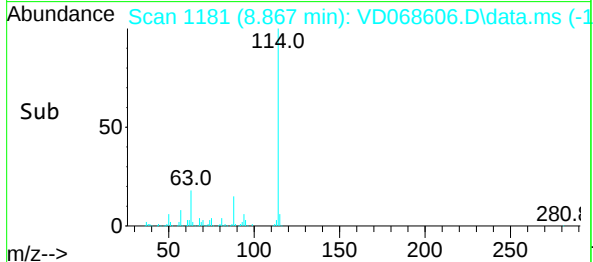
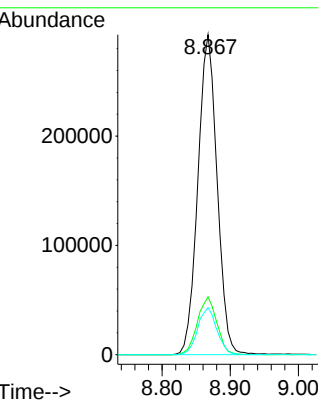
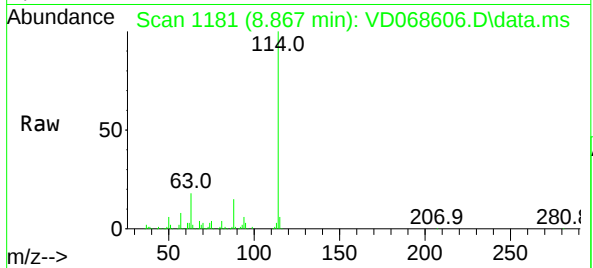
Tgt Ion:114 Resp: 574761

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.8

88 14.7 0.0 31.6



#35

Dibromofluoromethane

Concen: 51.77 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.005 min

Lab File: VD068606.D

Acq: 12 Mar 2021 15:05

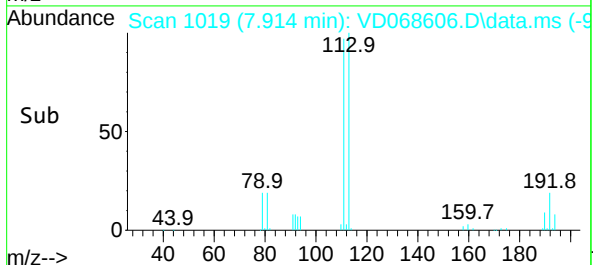
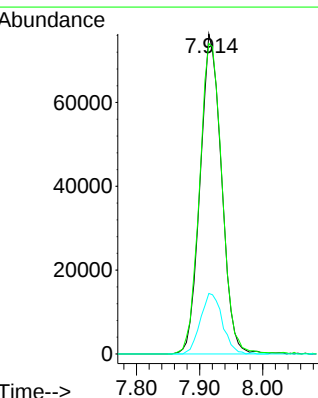
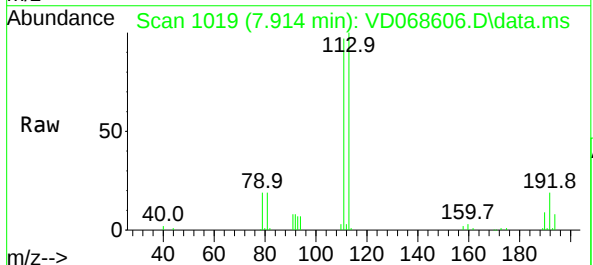
Tgt Ion:113 Resp: 179248

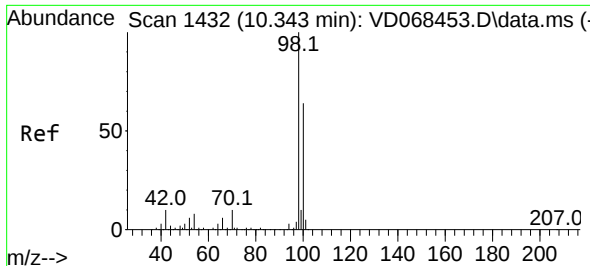
Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

192 19.4 16.1 24.1

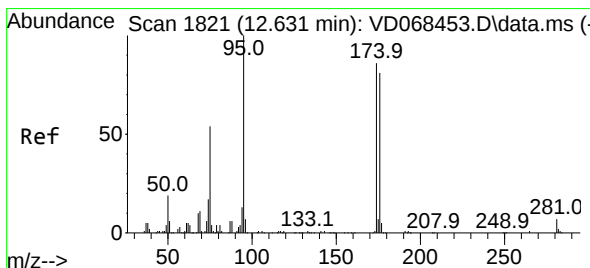
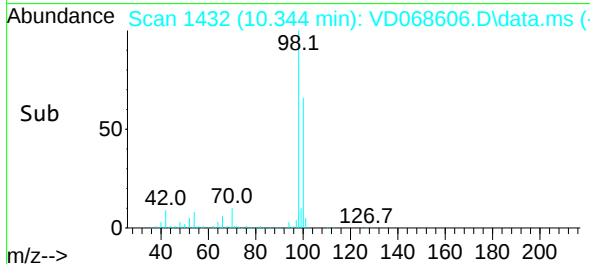
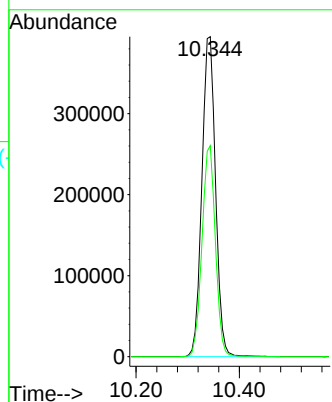
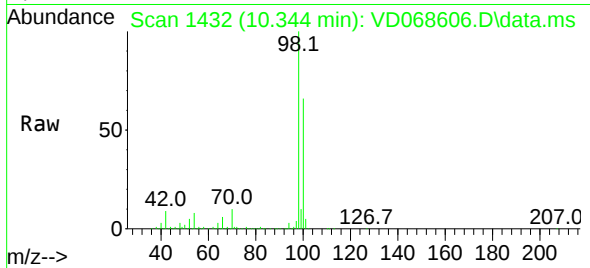




#50
Toluene-d8
Concen: 52.49 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068606.D
Acq: 12 Mar 2021 15:05

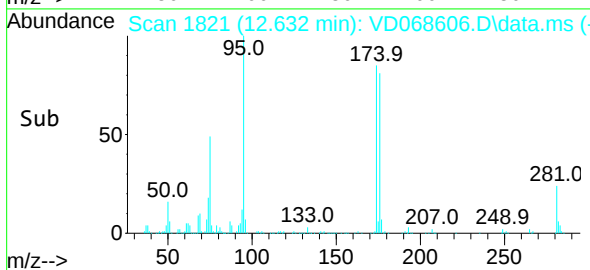
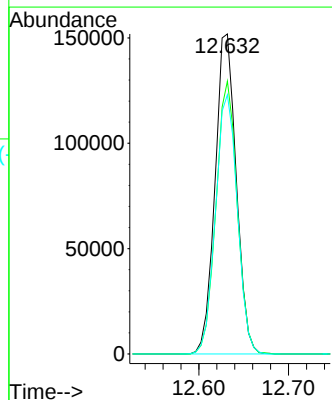
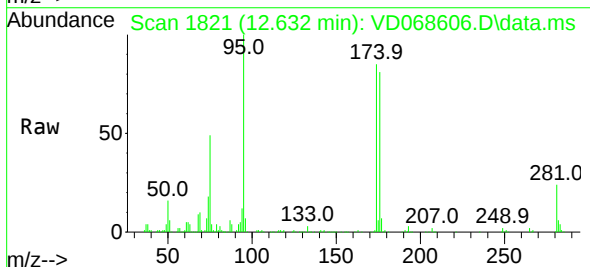
Instrument :
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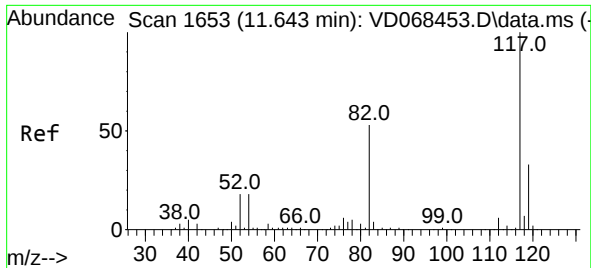
Tgt Ion: 98 Resp: 723850
Ion Ratio Lower Upper
98 100
100 64.8 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 56.12 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068606.D
Acq: 12 Mar 2021 15:05

Tgt Ion: 95 Resp: 249424
Ion Ratio Lower Upper
95 100
174 84.9 0.0 172.4
176 83.2 0.0 168.4

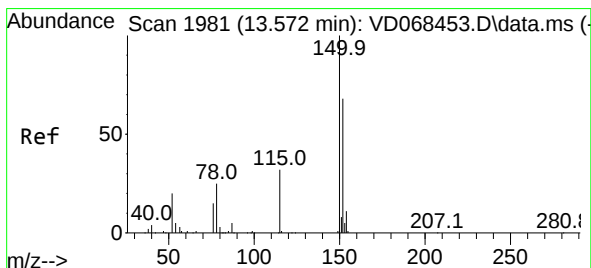
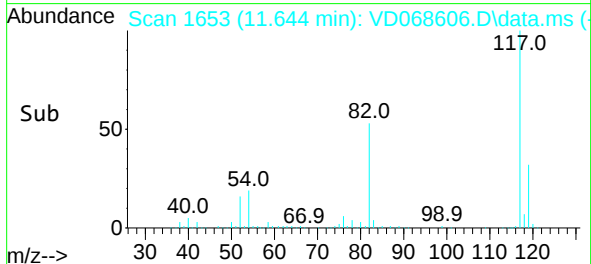
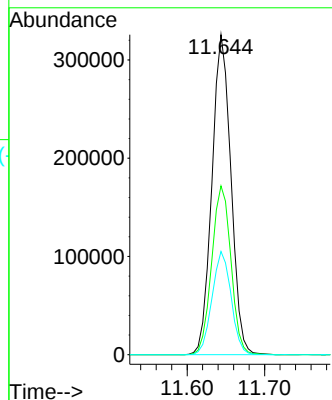
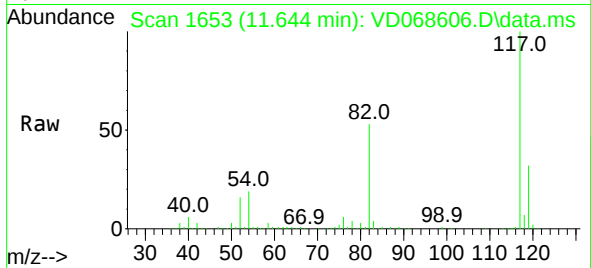




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068606.D
Acq: 12 Mar 2021 15:05

Instrument :
MSVOA_D
ClientSampleId :
SP-1-3

Tgt Ion:117 Resp: 556448
Ion Ratio Lower Upper
117 100
82 52.8 41.4 62.0
119 32.2 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: VD068606.D
Acq: 12 Mar 2021 15:05

Tgt Ion:152 Resp: 306064
Ion Ratio Lower Upper
152 100
115 58.9 28.9 86.8
150 159.6 0.0 344.4

