

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030821\
 Data File : VD068560.D
 Acq On : 08 Mar 2021 15:14
 Operator : VA/SY
 Sample : M1603-02
 Misc : 10.25G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 32-NORTH

Quant Time: Mar 09 00:10:55 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	322135	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	563891	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	556060	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	252392	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	168786	52.44	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.88%
35) Dibromofluoromethane	7.920	113	159197	46.87	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.74%
50) Toluene-d8	10.344	98	709914	52.47	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.94%
62) 4-Bromofluorobenzene	12.632	95	239333	54.89	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.78%

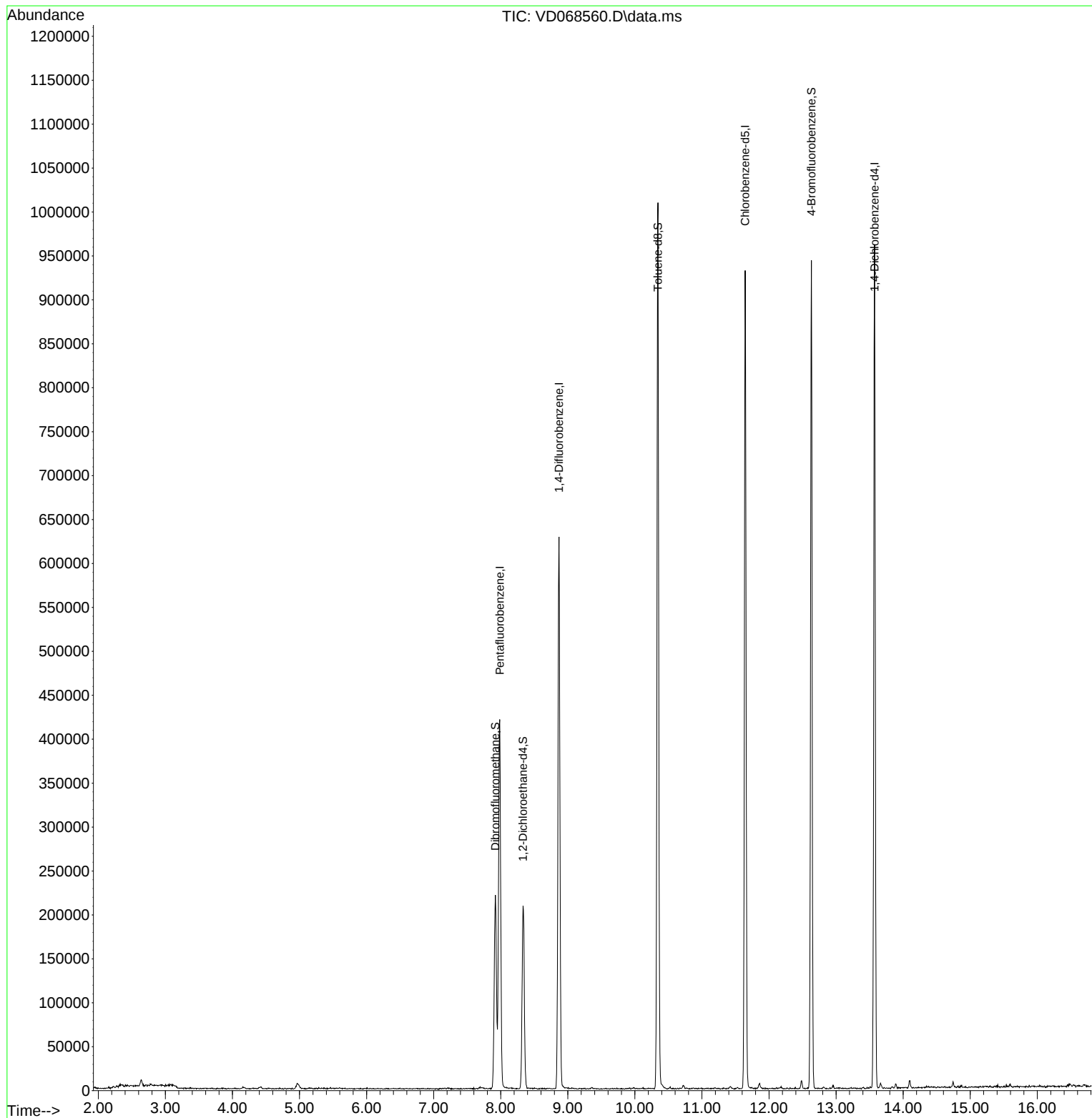
Target Compounds	Qvalue

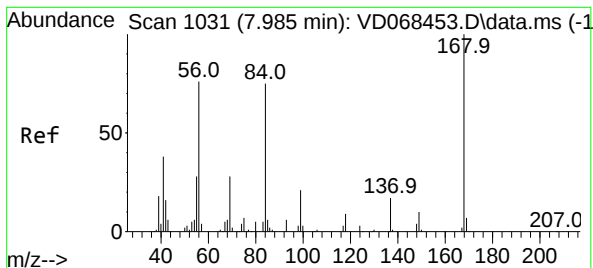
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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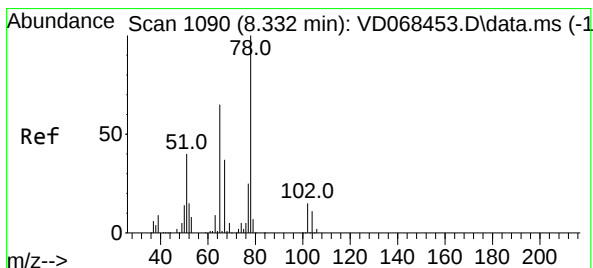
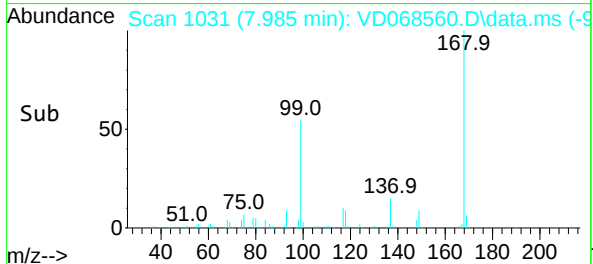
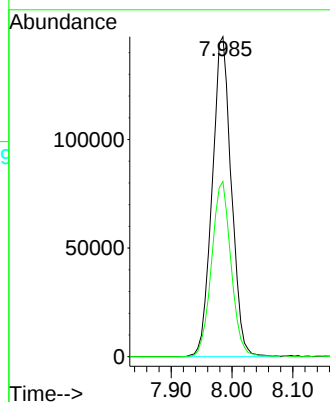
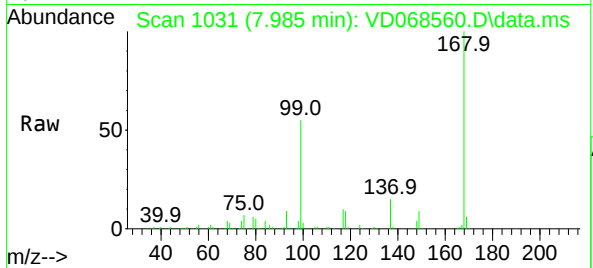




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068560.D
Acq: 08 Mar 2021 15:14

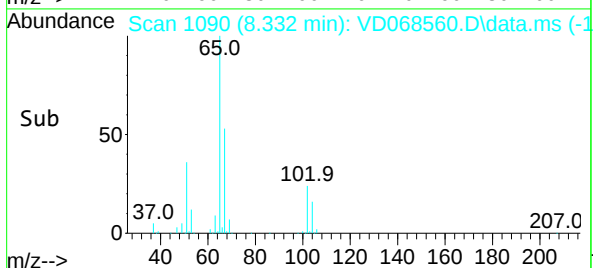
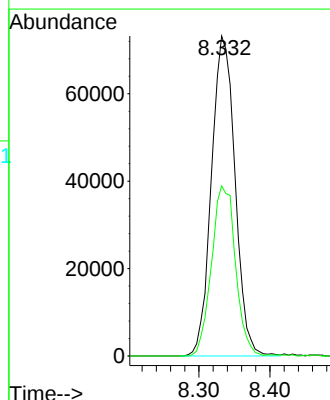
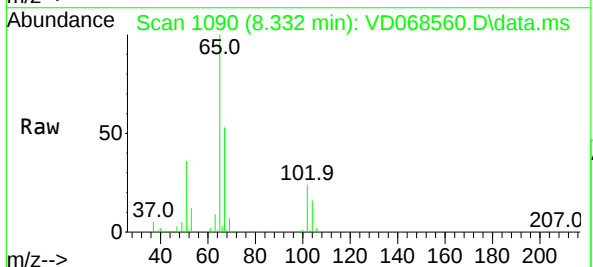
Instrument :
MSVOA_D
ClientSampleId :
32-NORTH

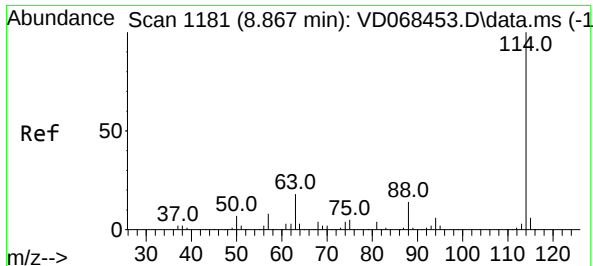
Tgt Ion:168 Resp: 322135
Ion Ratio Lower Upper
168 100
99 54.7 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 52.44 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068560.D
Acq: 08 Mar 2021 15:14

Tgt Ion: 65 Resp: 168786
Ion Ratio Lower Upper
65 100
67 54.0 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: VD068560.D

Acq: 08 Mar 2021 15:14

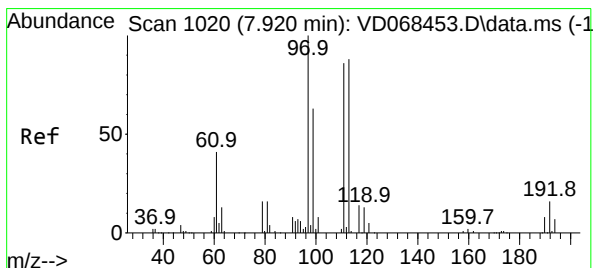
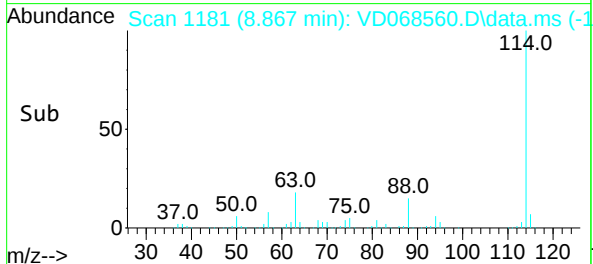
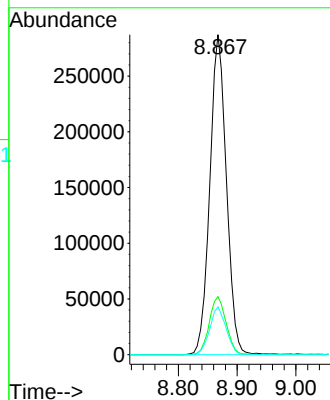
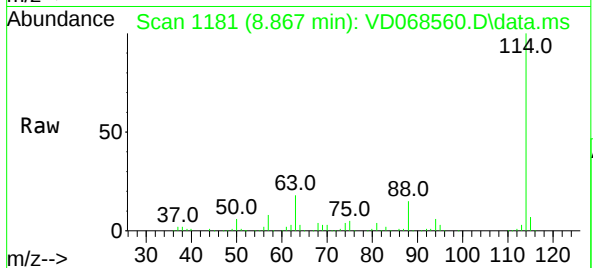
Tgt Ion:114 Resp: 563891

Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.8

88 15.0 0.0 31.6



#35

Dibromofluoromethane

Concen: 46.87 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068560.D

Acq: 08 Mar 2021 15:14

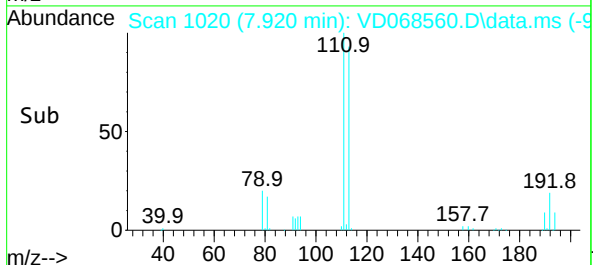
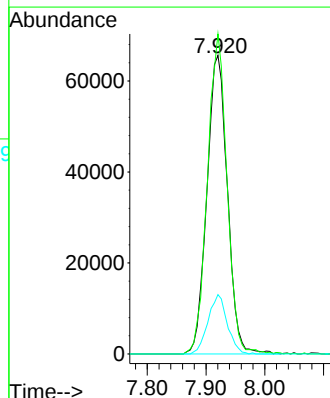
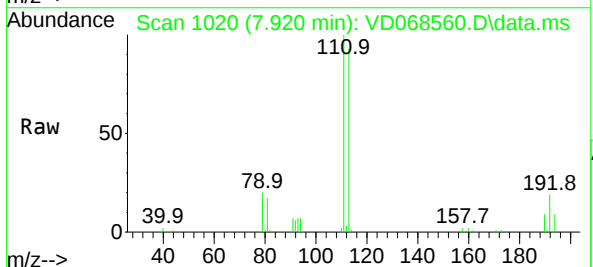
Tgt Ion:113 Resp: 159197

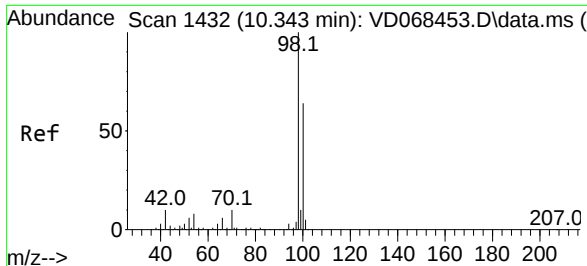
Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

192 18.6 16.1 24.1

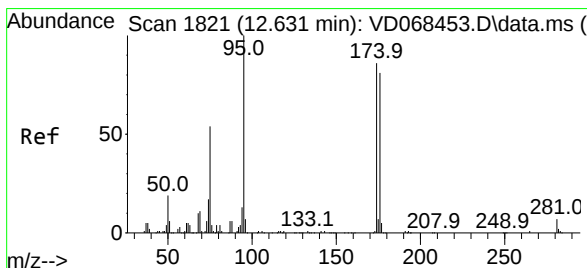
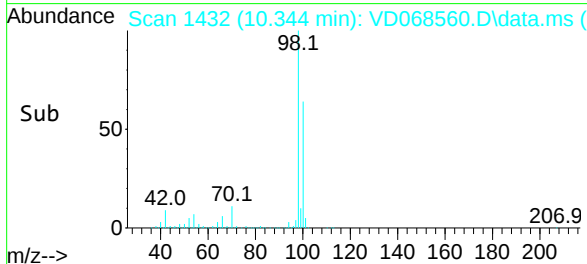
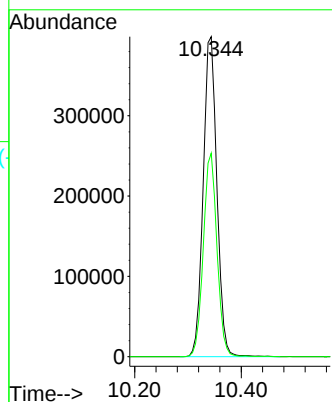
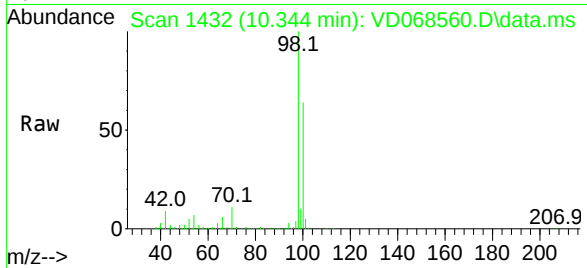




#50
Toluene-d8
Concen: 52.47 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068560.D
Acq: 08 Mar 2021 15:14

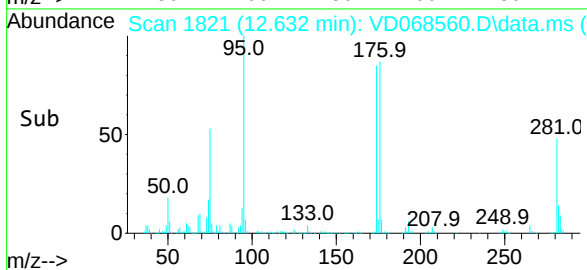
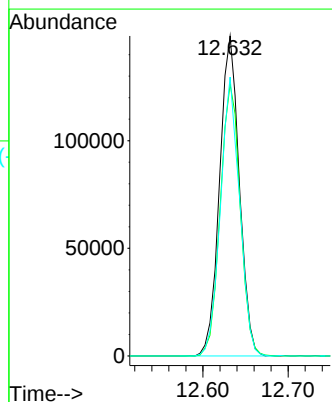
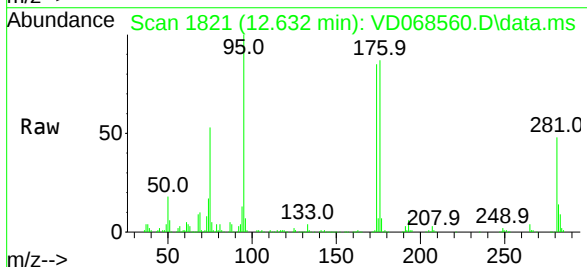
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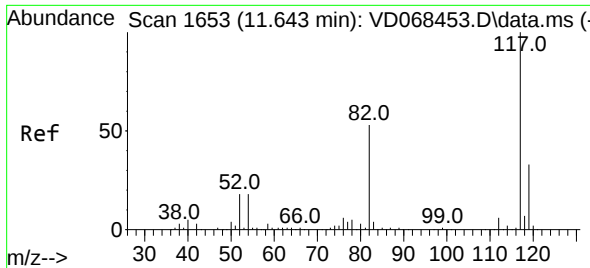
Tgt Ion: 98 Resp: 709914
Ion Ratio Lower Upper
98 100
100 63.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 54.89 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068560.D
Acq: 08 Mar 2021 15:14

Tgt Ion: 95 Resp: 239333
Ion Ratio Lower Upper
95 100
174 85.7 0.0 172.4
176 84.2 0.0 168.4

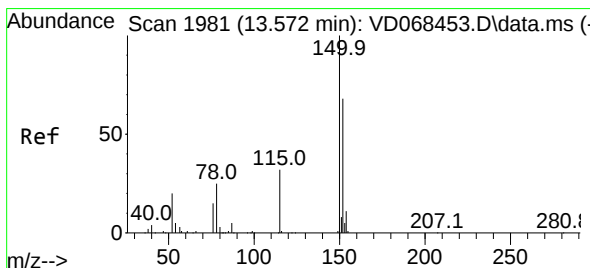
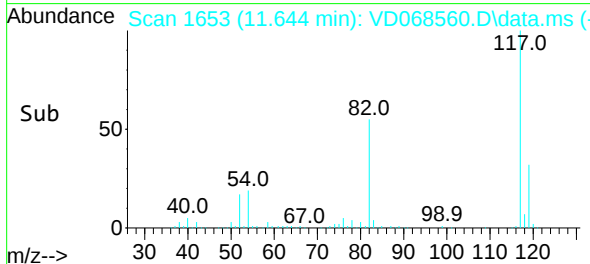
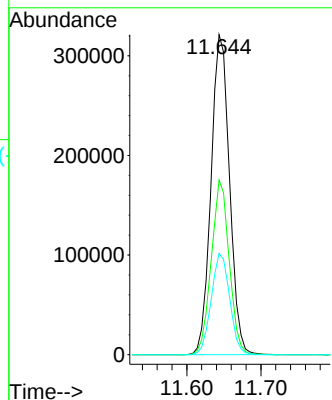
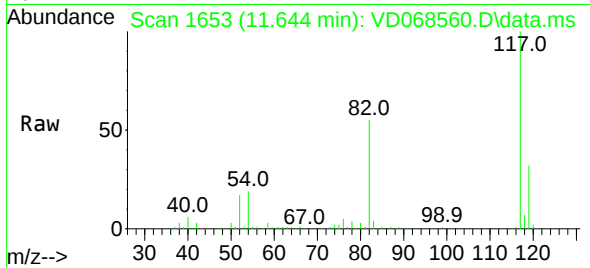




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068560.D
Acq: 08 Mar 2021 15:14

Instrument :
MSVOA_D
ClientSampleId :
32-NORTH

Tgt Ion:117 Resp: 556060
Ion Ratio Lower Upper
117 100
82 54.6 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: VD068560.D
Acq: 08 Mar 2021 15:14

Tgt Ion:152 Resp: 252392
Ion Ratio Lower Upper
152 100
115 59.0 28.9 86.8
150 163.0 0.0 344.4

