

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040121\
 Data File : VD068764.D
 Acq On : 01 Apr 2021 17:53
 Operator : VA/SY
 Sample : M1889-02
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5S1-(0-2)

Quant Time: Apr 02 01:06:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	308970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	545736	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	567336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	263864	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	149272	47.91	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.82%
35) Dibromofluoromethane	7.914	113	172171	50.71	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.42%
50) Toluene-d8	10.338	98	699282	53.42	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.84%
62) 4-Bromofluorobenzene	12.632	95	238474	56.19	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.38%

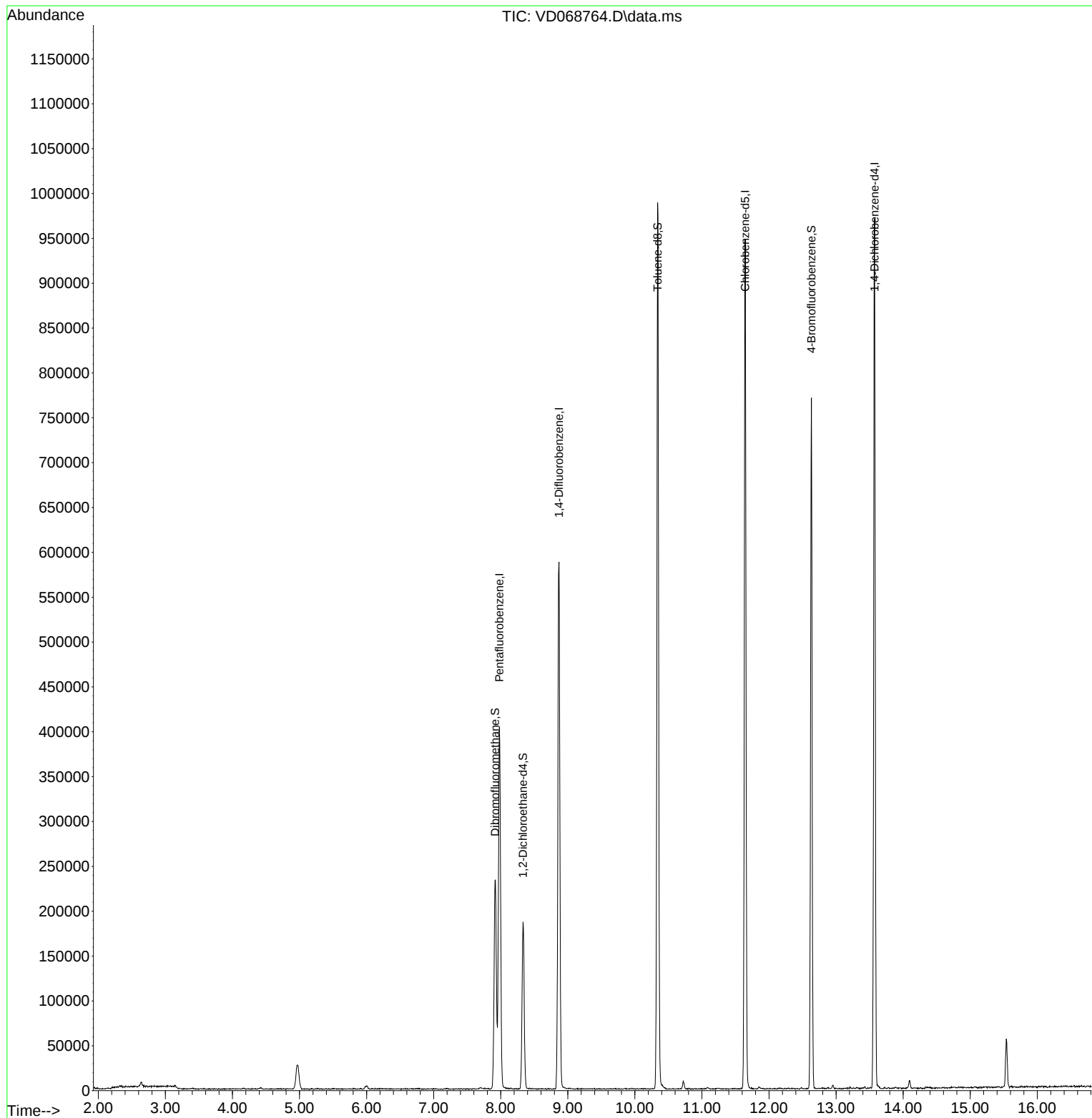
Target Compounds	Qvalue

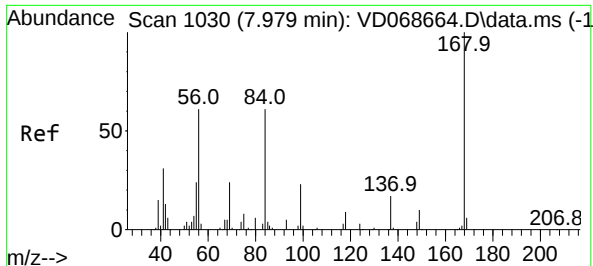
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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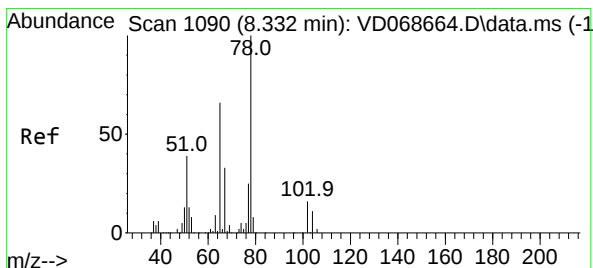
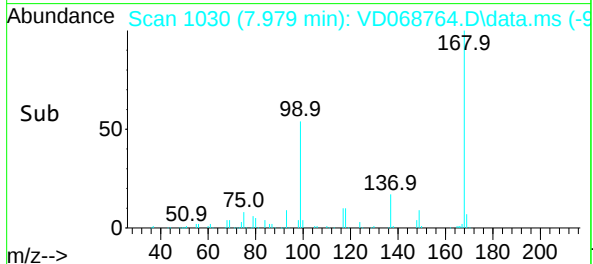
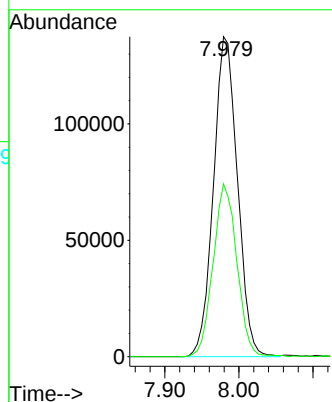
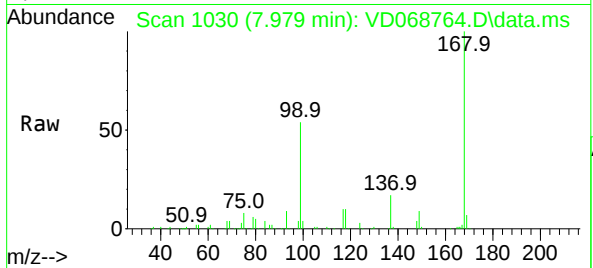




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068764.D
Acq: 01 Apr 2021 17:53

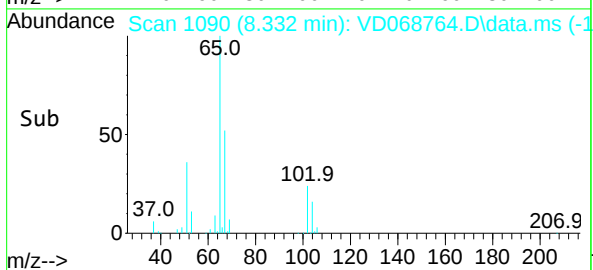
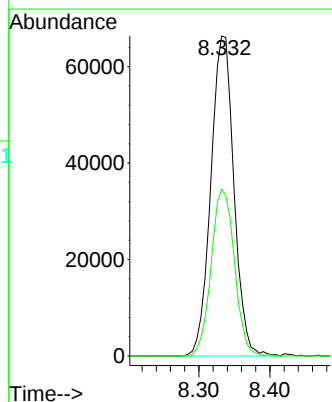
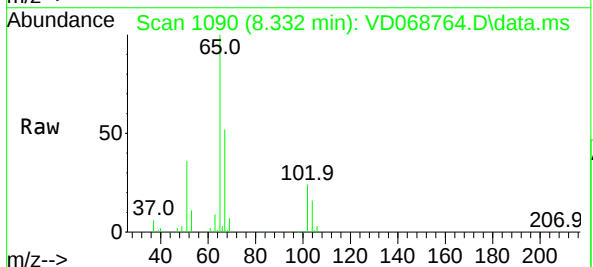
Instrument :
MSVOA_D
ClientSampleId :
TP-5S1-(0-2)

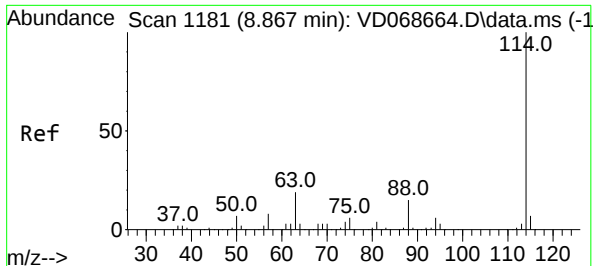
Tgt Ion:168 Resp: 308970
Ion Ratio Lower Upper
168 100
99 54.0 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 47.91 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068764.D
Acq: 01 Apr 2021 17:53

Tgt Ion: 65 Resp: 149272
Ion Ratio Lower Upper
65 100
67 52.7 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VD068764.D

Acq: 01 Apr 2021 17:53

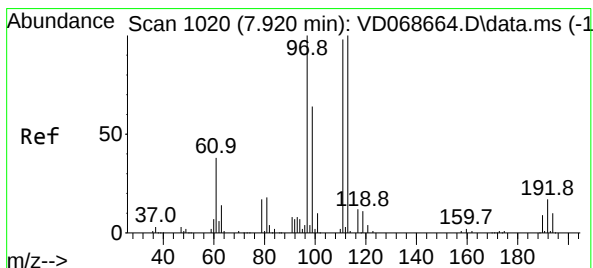
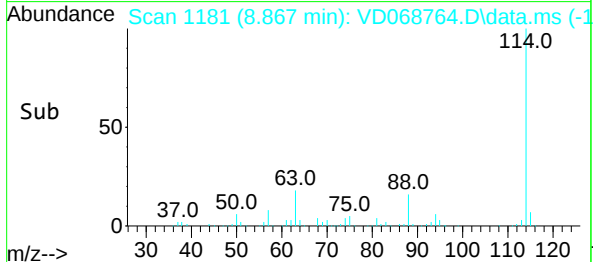
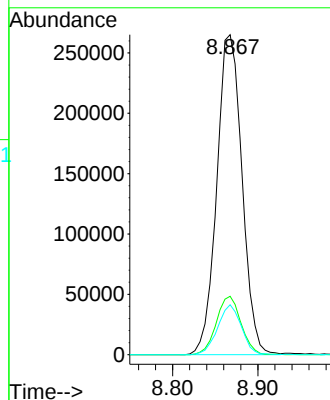
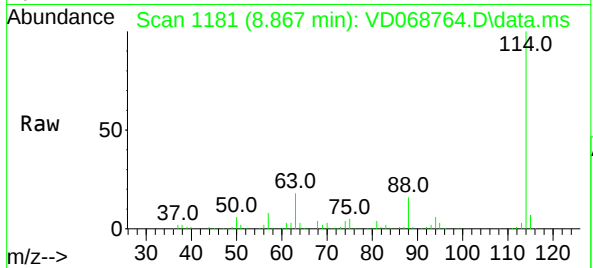
Tgt Ion:114 Resp: 545736

Ion Ratio Lower Upper

114 100

63 18.2 0.0 38.2

88 15.6 0.0 29.4



#35

Dibromofluoromethane

Concen: 50.71 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068764.D

Acq: 01 Apr 2021 17:53

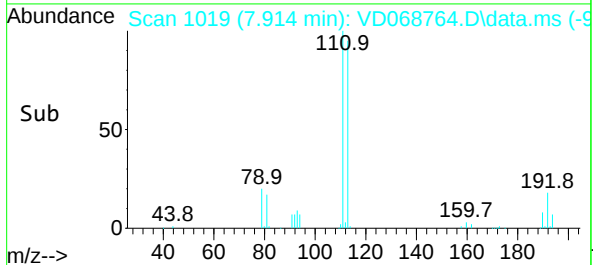
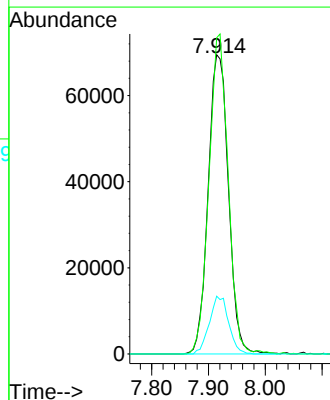
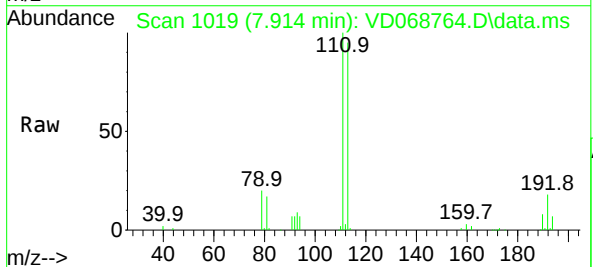
Tgt Ion:113 Resp: 172171

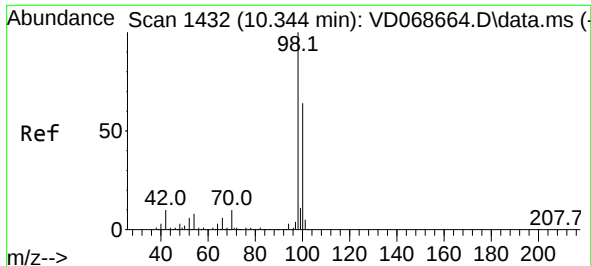
Ion Ratio Lower Upper

113 100

111 100.9 82.5 123.7

192 18.3 15.1 22.7

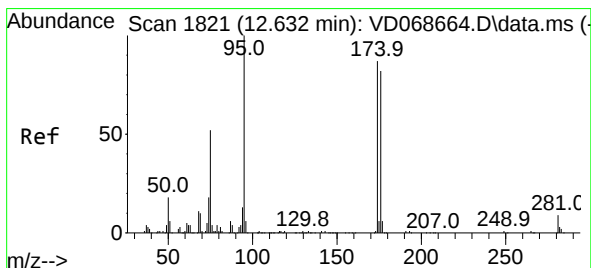
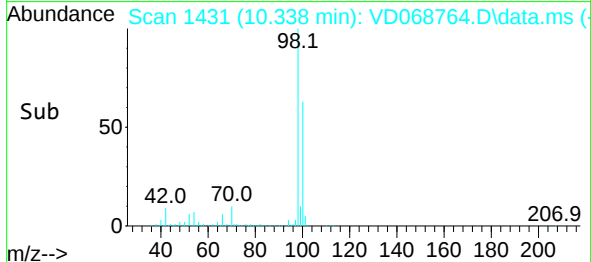
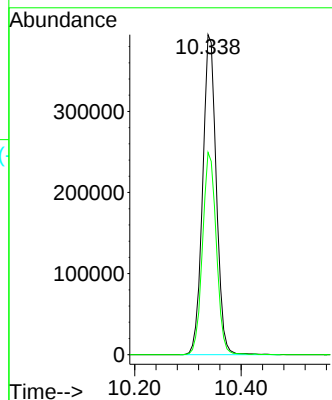
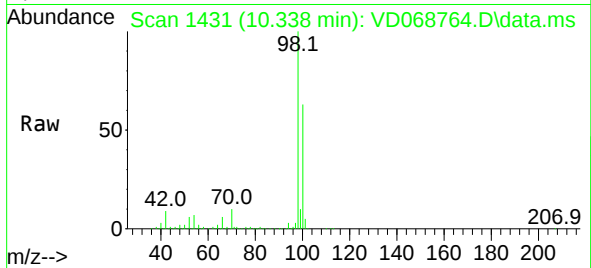




#50
Toluene-d8
Concen: 53.42 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068764.D
Acq: 01 Apr 2021 17:53

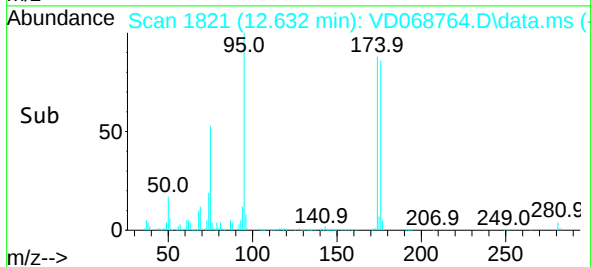
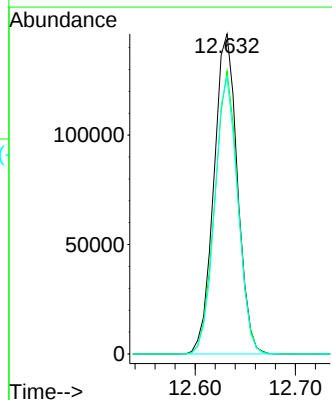
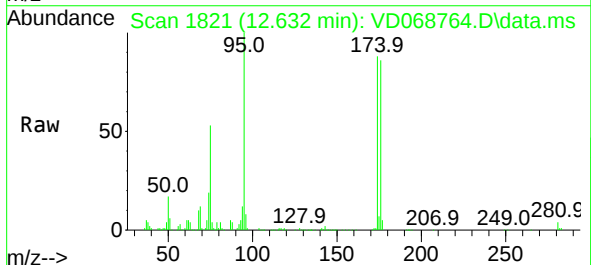
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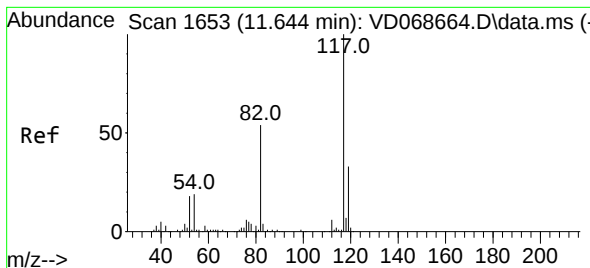
Tgt Ion: 98 Resp: 699282
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 56.19 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068764.D
Acq: 01 Apr 2021 17:53

Tgt Ion: 95 Resp: 238474
Ion Ratio Lower Upper
95 100
174 86.7 0.0 168.0
176 84.6 0.0 160.2

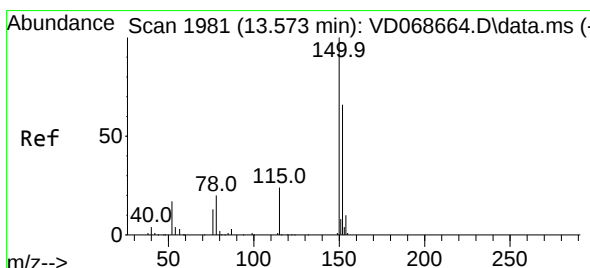
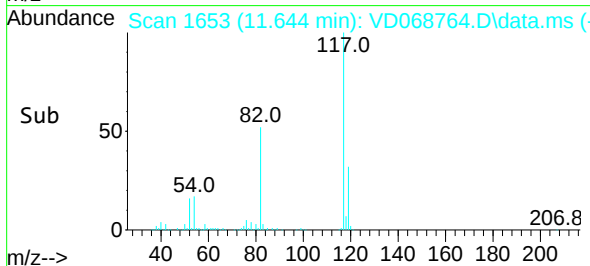
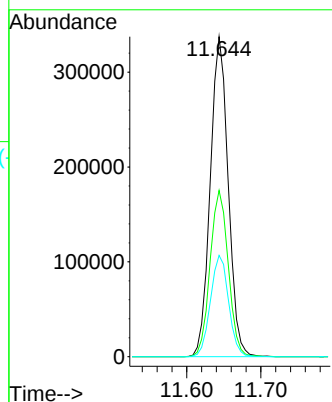
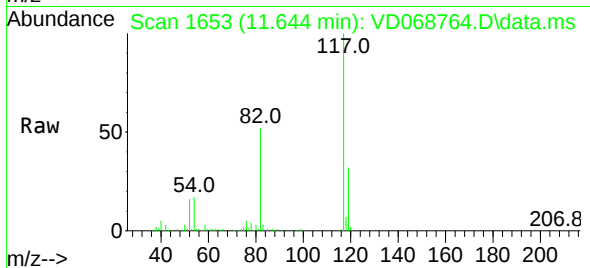




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068764.D
Acq: 01 Apr 2021 17:53

Instrument :
MSVOA_D
ClientSampleId :
TP-5S1-(0-2)

Tgt Ion:117 Resp: 567336
Ion Ratio Lower Upper
117 100
82 52.0 43.5 65.3
119 31.7 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068764.D
Acq: 01 Apr 2021 17:53

Tgt Ion:152 Resp: 263864
Ion Ratio Lower Upper
152 100
115 58.4 29.3 87.8
150 159.5 0.0 347.6

