

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021423\
 Data File : VN076672.D
 Acq On : 14 Feb 2023 19:48
 Operator : JC\MD
 Sample : 01553-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TWP-01-DUP

Quant Time: Feb 15 03:18:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	294528	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	551577	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	480310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	188477	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	212320	52.206	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.420%
35) Dibromofluoromethane	8.178	113	162403	44.960	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.920%
50) Toluene-d8	10.571	98	654042	48.484	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.960%
62) 4-Bromofluorobenzene	12.854	95	205552	46.007	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.020%

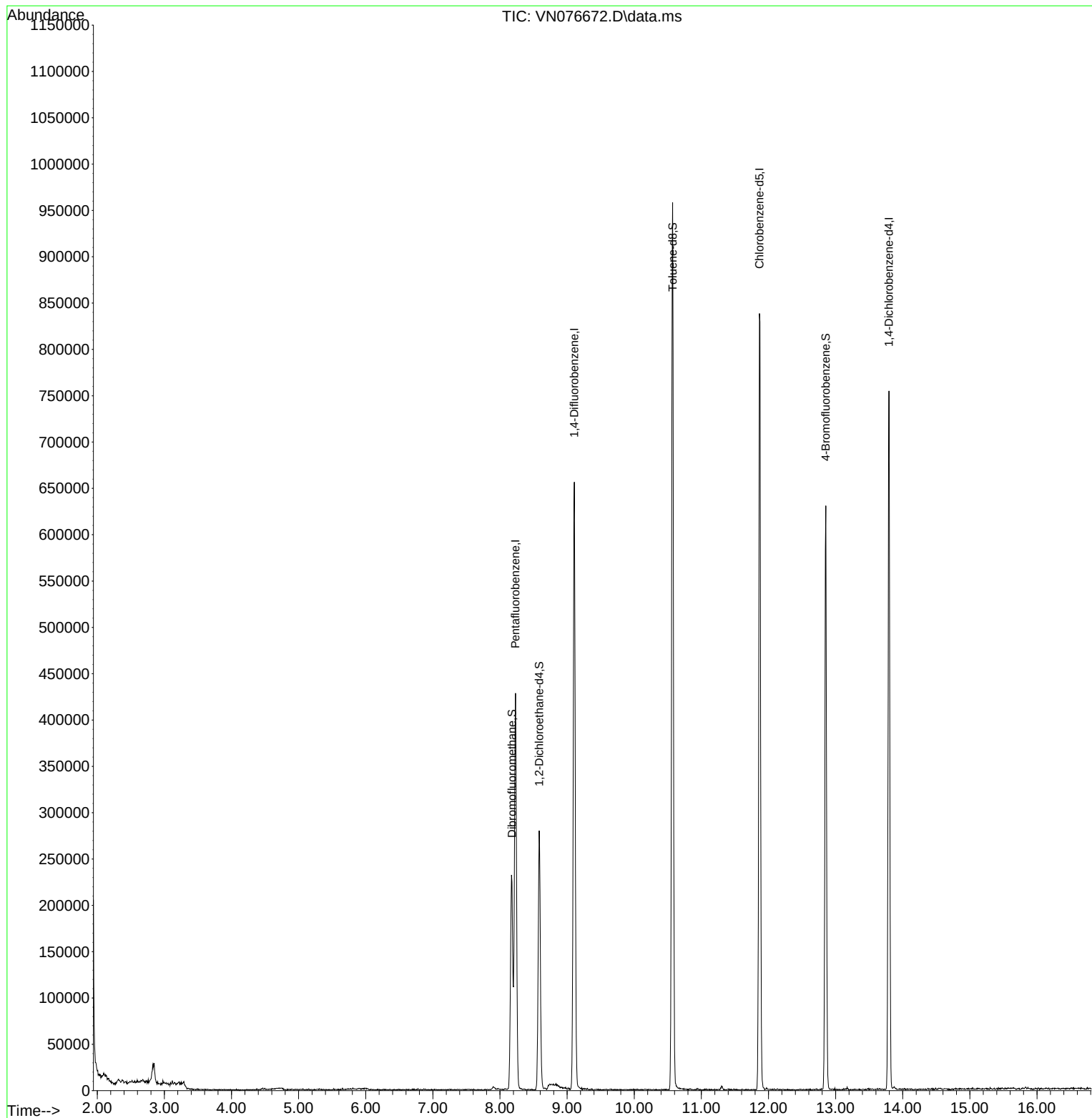
Target Compounds	Qvalue

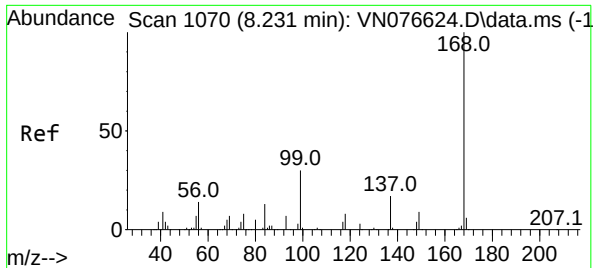
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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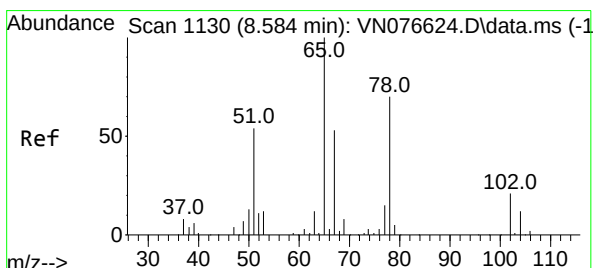
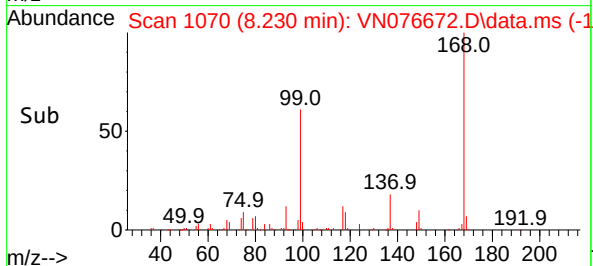
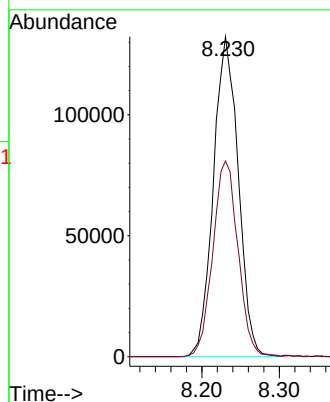
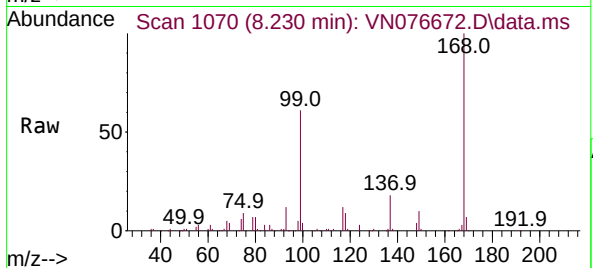




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN076672.D
Acq: 14 Feb 2023 19:48

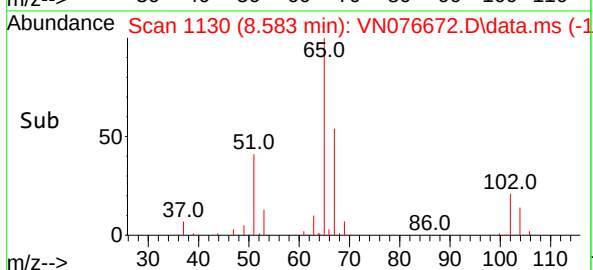
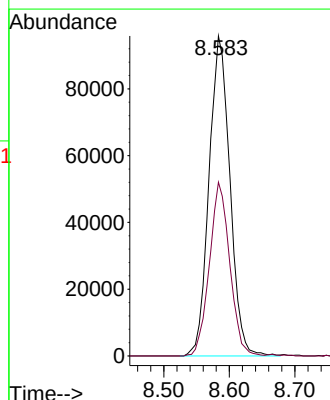
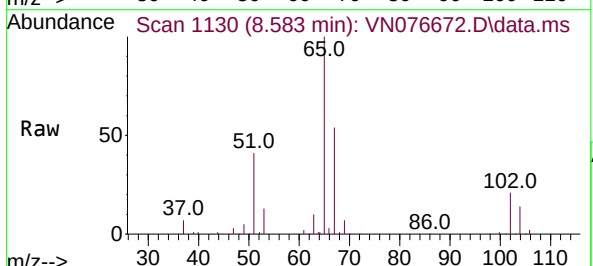
Instrument :
MSVOA_N
ClientSampleId :
TWP-01-DUP

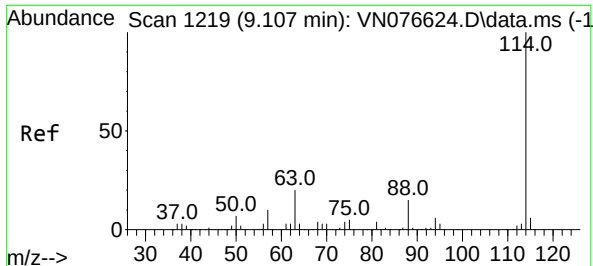
Tgt Ion:168 Resp: 294528
Ion Ratio Lower Upper
168 100
99 61.2 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 52.206 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.001 min
Lab File: VN076672.D
Acq: 14 Feb 2023 19:48

Tgt Ion: 65 Resp: 212320
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076672.D

Acq: 14 Feb 2023 19:48

Instrument :

MSVOA_N

ClientSampleId :

TWP-01-DUP

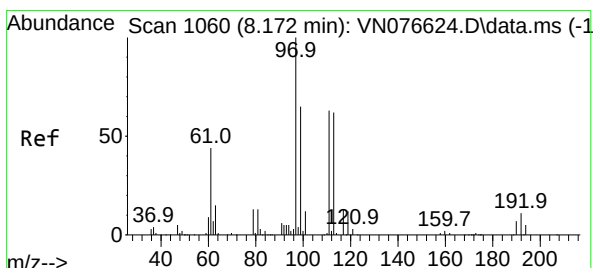
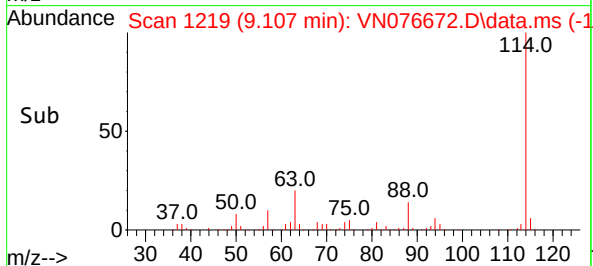
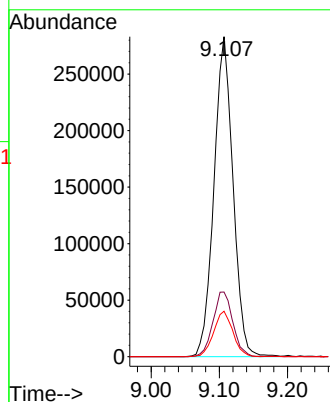
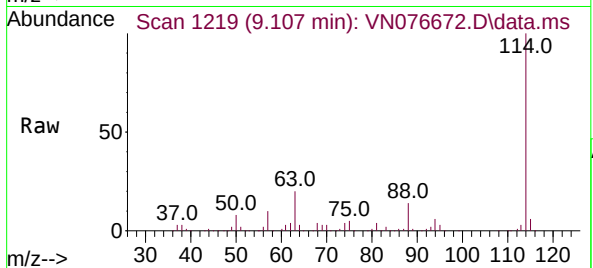
Tgt Ion:114 Resp: 551577

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.0

88 14.2 0.0 29.6



#35

Dibromofluoromethane

Concen: 44.960 ug/l

RT: 8.178 min Scan# 1061

Delta R.T. 0.006 min

Lab File: VN076672.D

Acq: 14 Feb 2023 19:48

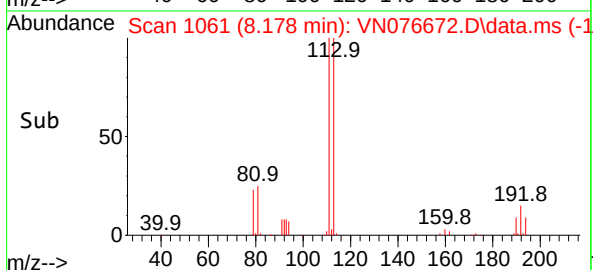
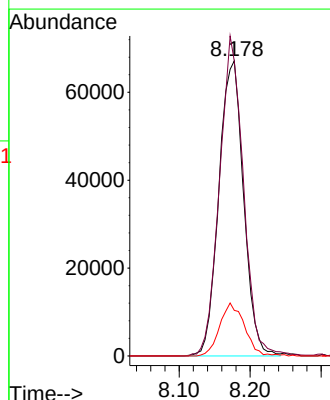
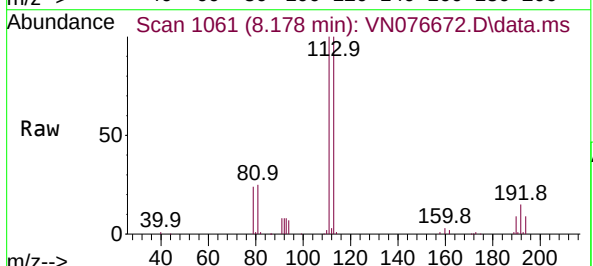
Tgt Ion:113 Resp: 162403

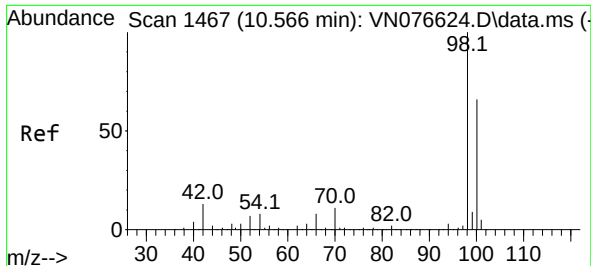
Ion Ratio Lower Upper

113 100

111 104.7 83.1 124.7

192 18.1 15.6 23.4

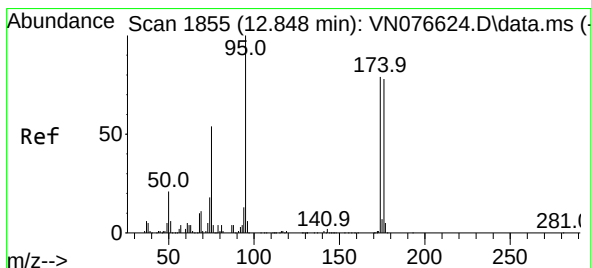
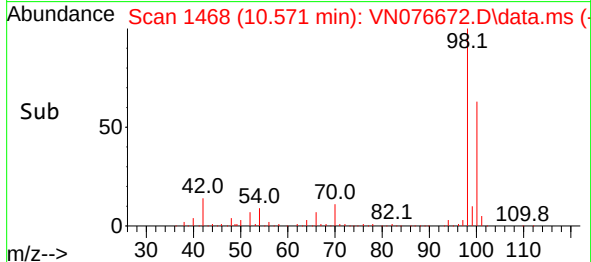
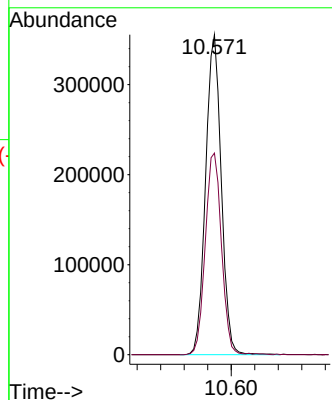
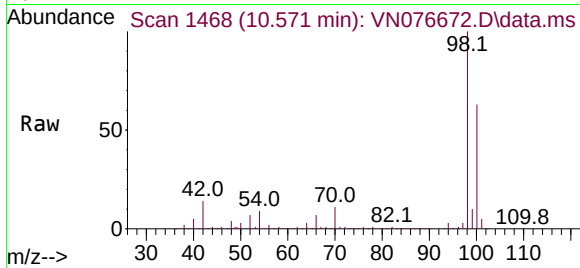




#50
Toluene-d8
Concen: 48.484 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. 0.005 min
Lab File: VN076672.D
Acq: 14 Feb 2023 19:48

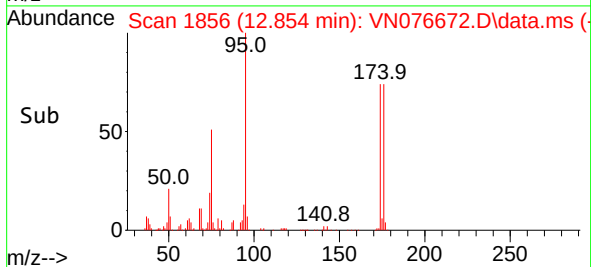
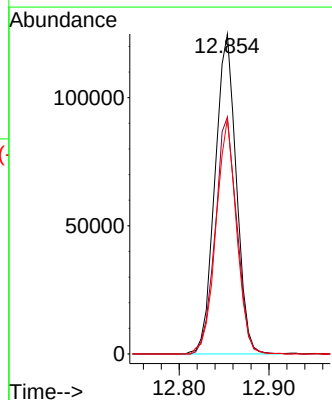
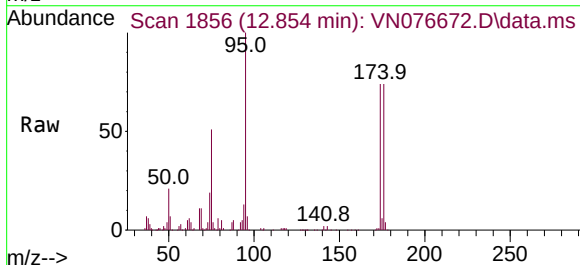
Instrument :
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TWP-01-DUP

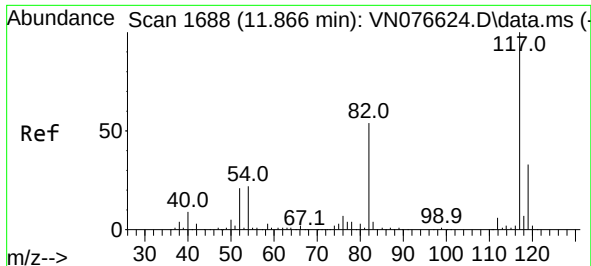
Tgt Ion: 98 Resp: 654042
Ion Ratio Lower Upper
98 100
100 65.1 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 46.007 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076672.D
Acq: 14 Feb 2023 19:48

Tgt Ion: 95 Resp: 205552
Ion Ratio Lower Upper
95 100
174 74.8 0.0 169.2
176 71.0 0.0 163.4

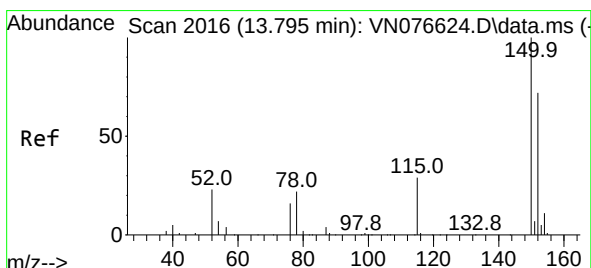
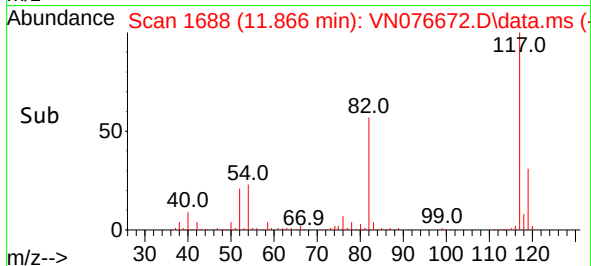
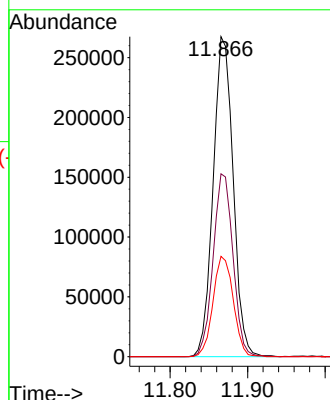
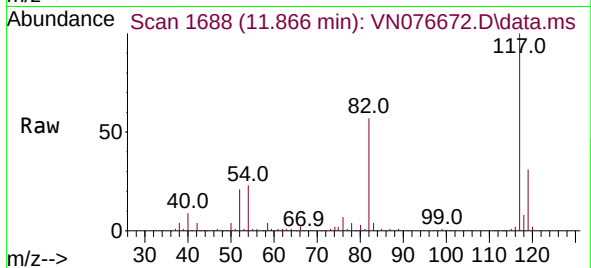




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076672.D
Acq: 14 Feb 2023 19:48

Instrument :
MSVOA_N
ClientSampleId :
TWP-01-DUP

Tgt Ion:117 Resp: 480310
Ion Ratio Lower Upper
117 100
82 57.1 43.4 65.2
119 31.3 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076672.D
Acq: 14 Feb 2023 19:48

Tgt Ion:152 Resp: 188477
Ion Ratio Lower Upper
152 100
115 60.8 29.3 87.9
150 161.9 0.0 349.8

