

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122122\
 Data File : VN075917.D
 Acq On : 21 Dec 2022 14:17
 Operator : JC\MD
 Sample : N6164-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-122022

Quant Time: Dec 22 03:01:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	397927	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	618710	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	528055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	216316	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	199731	46.137	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.280%
35) Dibromofluoromethane	8.177	113	181536	47.379	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.760%
50) Toluene-d8	10.571	98	707869	49.412	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.820%
62) 4-Bromofluorobenzene	12.853	95	222078	46.804	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.600%

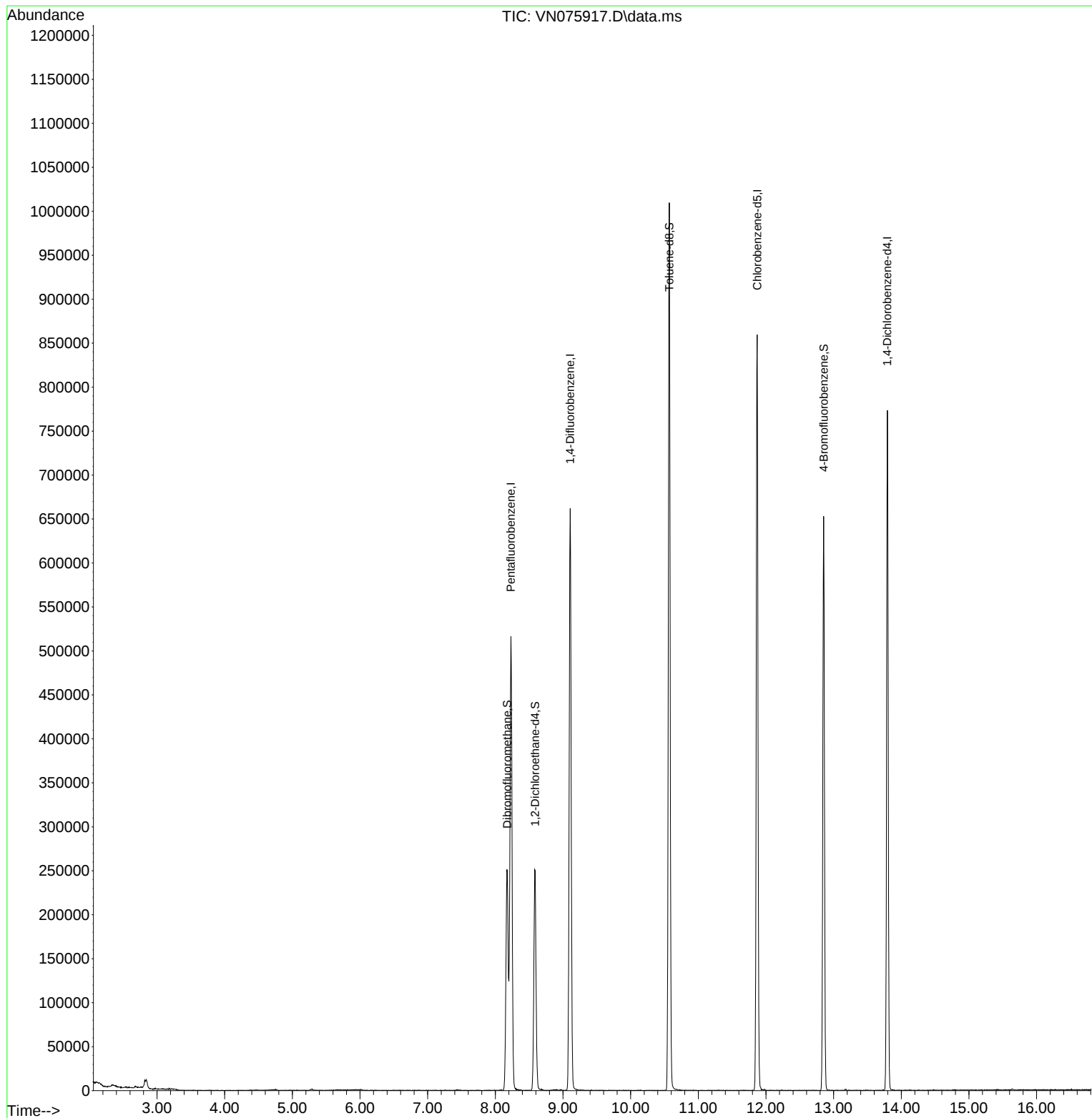
Target Compounds Qvalue

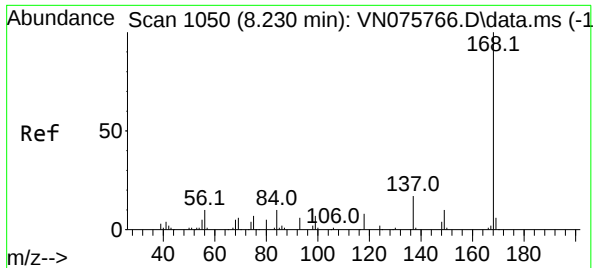
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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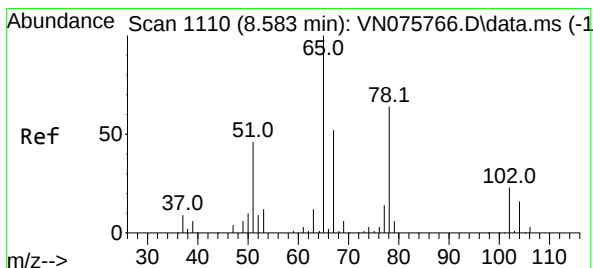
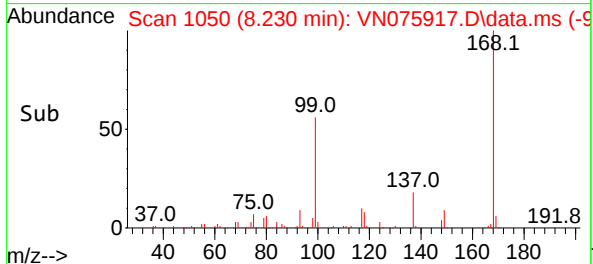
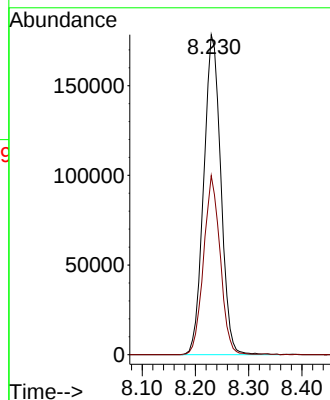
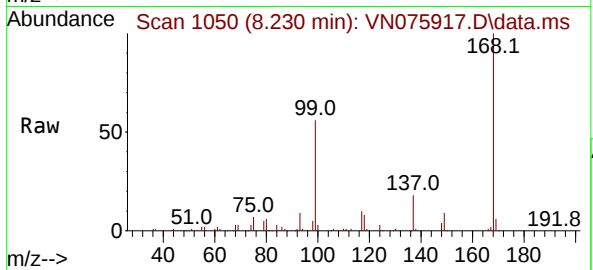




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075917.D
Acq: 21 Dec 2022 14:17

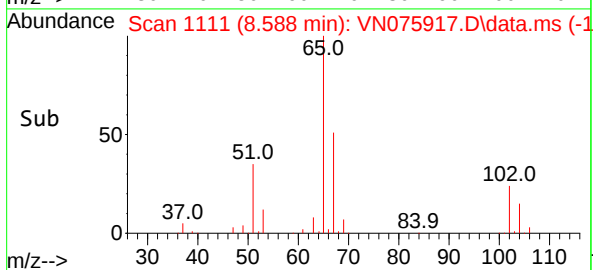
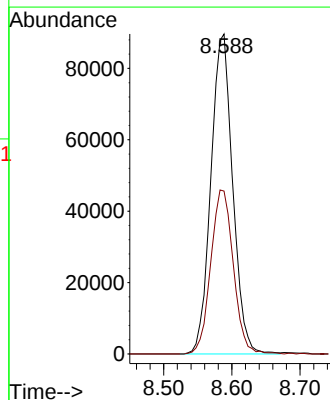
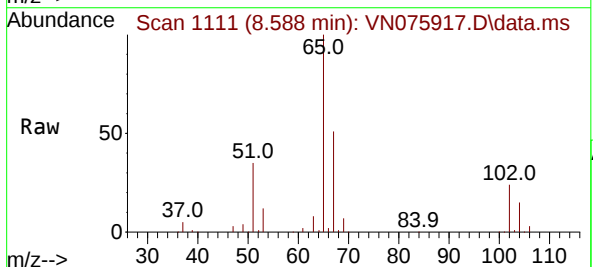
Instrument :
MSVOA_N
ClientSampleId :
TB-01-122022

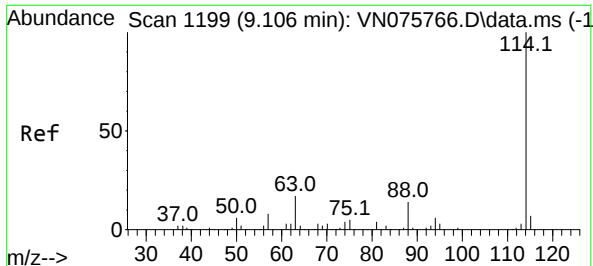
Tgt Ion:168 Resp: 397927
Ion Ratio Lower Upper
168 100
99 55.9 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 46.137 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN075917.D
Acq: 21 Dec 2022 14:17

Tgt Ion: 65 Resp: 199731
Ion Ratio Lower Upper
65 100
67 53.0 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075917.D

Acq: 21 Dec 2022 14:17

Instrument :

MSVOA_N

ClientSampleId :

TB-01-122022

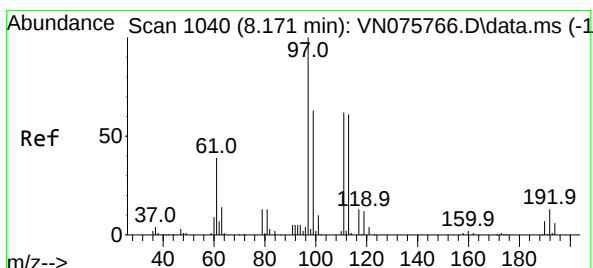
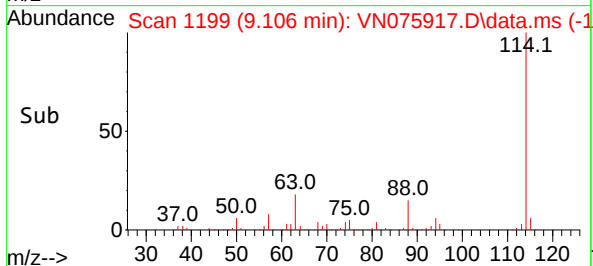
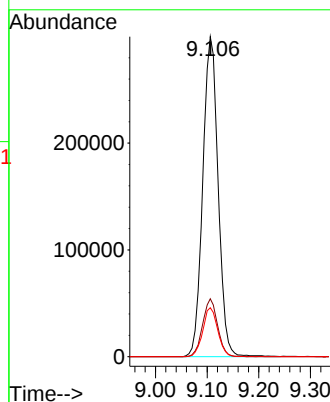
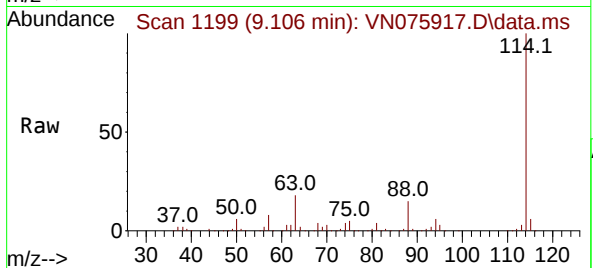
Tgt Ion:114 Resp: 618710

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.4

88 15.3 0.0 28.8



#35

Dibromofluoromethane

Concen: 47.379 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075917.D

Acq: 21 Dec 2022 14:17

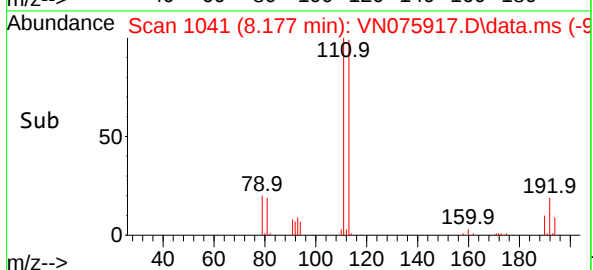
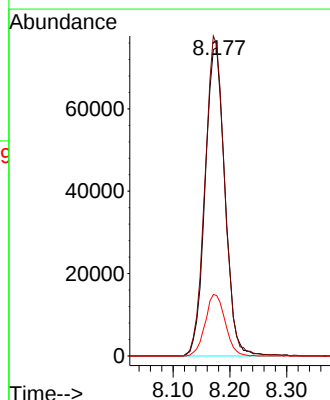
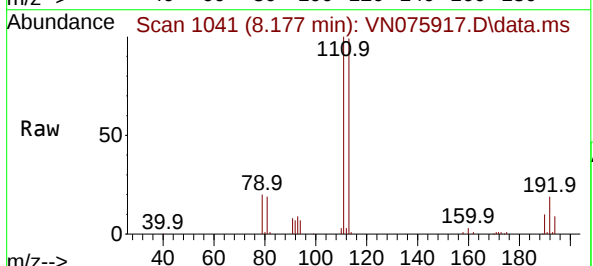
Tgt Ion:113 Resp: 181536

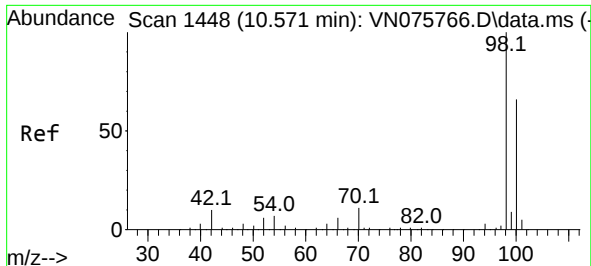
Ion Ratio Lower Upper

113 100

111 102.6 83.4 125.2

192 20.0 16.1 24.1

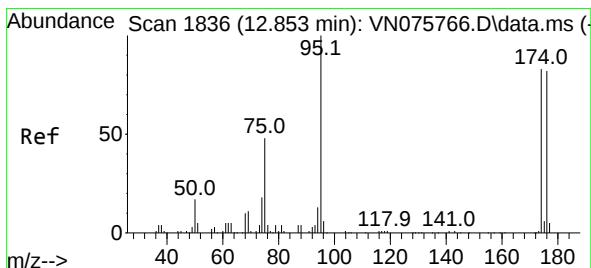
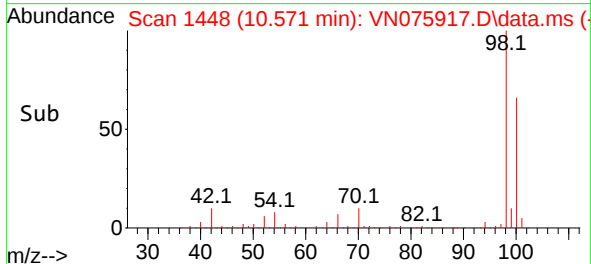
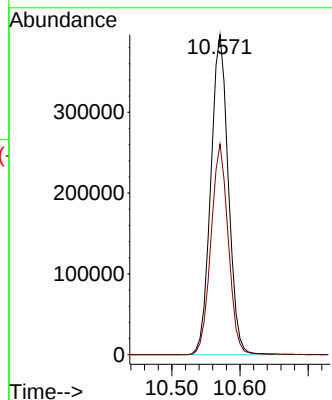
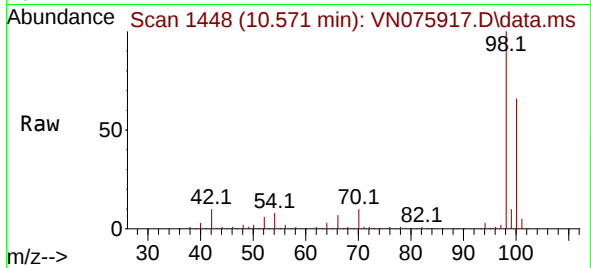




#50
Toluene-d8
Concen: 49.412 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075917.D
Acq: 21 Dec 2022 14:17

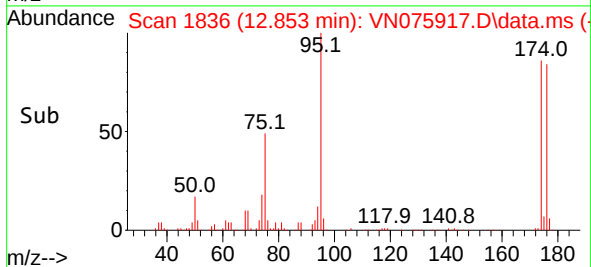
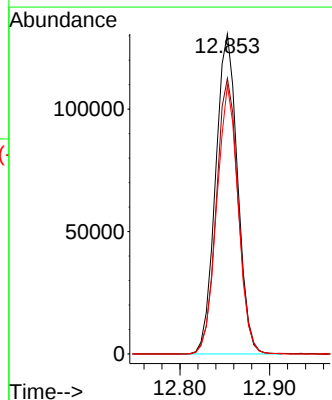
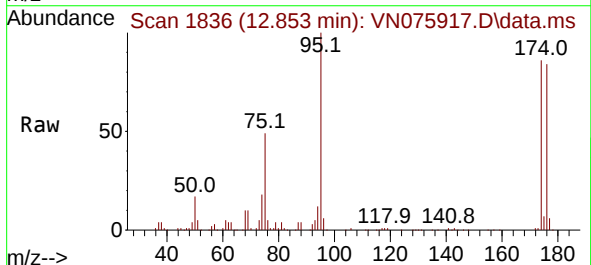
Instrument :
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TB-01-122022

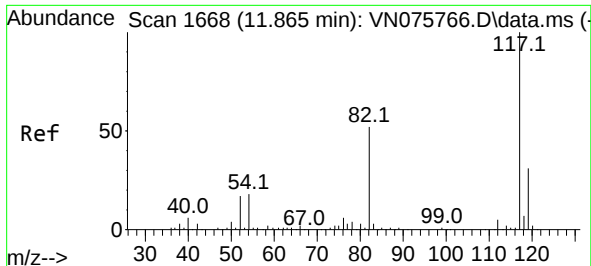
Tgt Ion: 98 Resp: 707869
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.804 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075917.D
Acq: 21 Dec 2022 14:17

Tgt Ion: 95 Resp: 222078
Ion Ratio Lower Upper
95 100
174 85.8 0.0 171.6
176 81.7 0.0 169.2

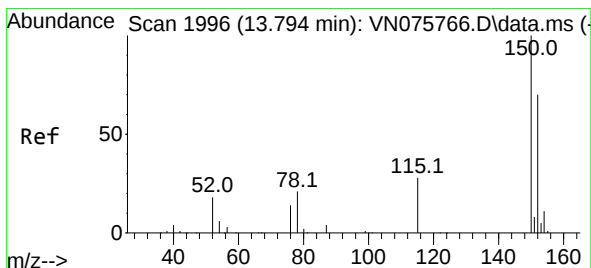
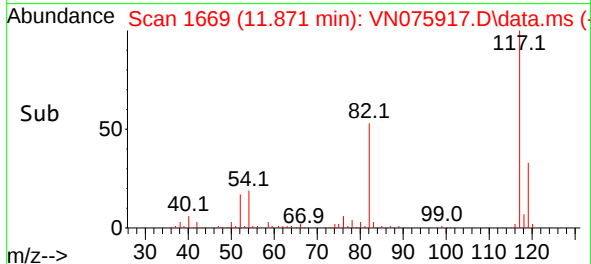
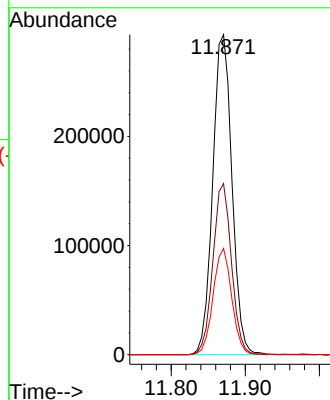
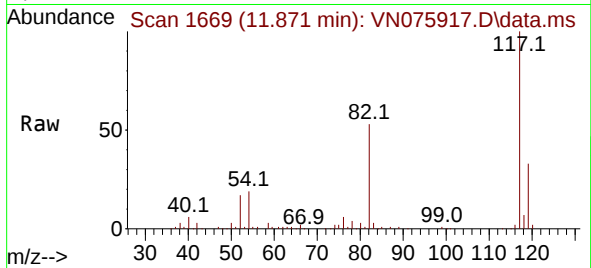




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN075917.D
Acq: 21 Dec 2022 14:17

Instrument :
MSVOA_N
ClientSampleId :
TB-01-122022

Tgt Ion:117 Resp: 528055
Ion Ratio Lower Upper
117 100
82 53.5 41.3 61.9
119 33.2 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075917.D
Acq: 21 Dec 2022 14:17

Tgt Ion:152 Resp: 216316
Ion Ratio Lower Upper
152 100
115 57.1 29.1 87.4
150 158.3 0.0 347.0

