

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100722\
 Data File : VN074821.D
 Acq On : 07 Oct 2022 19:09
 Operator : JC\MD
 Sample : N4963-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 257155-4

Quant Time: Oct 08 03:56:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 05:37:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	262912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	500874	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	502449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	233837	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	340811	54.709	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.420%
35) Dibromofluoromethane	8.182	113	266532	52.668	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.340%
50) Toluene-d8	10.571	98	1072413	49.387	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.780%
62) 4-Bromofluorobenzene	12.853	95	275612	41.754	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	83.500%

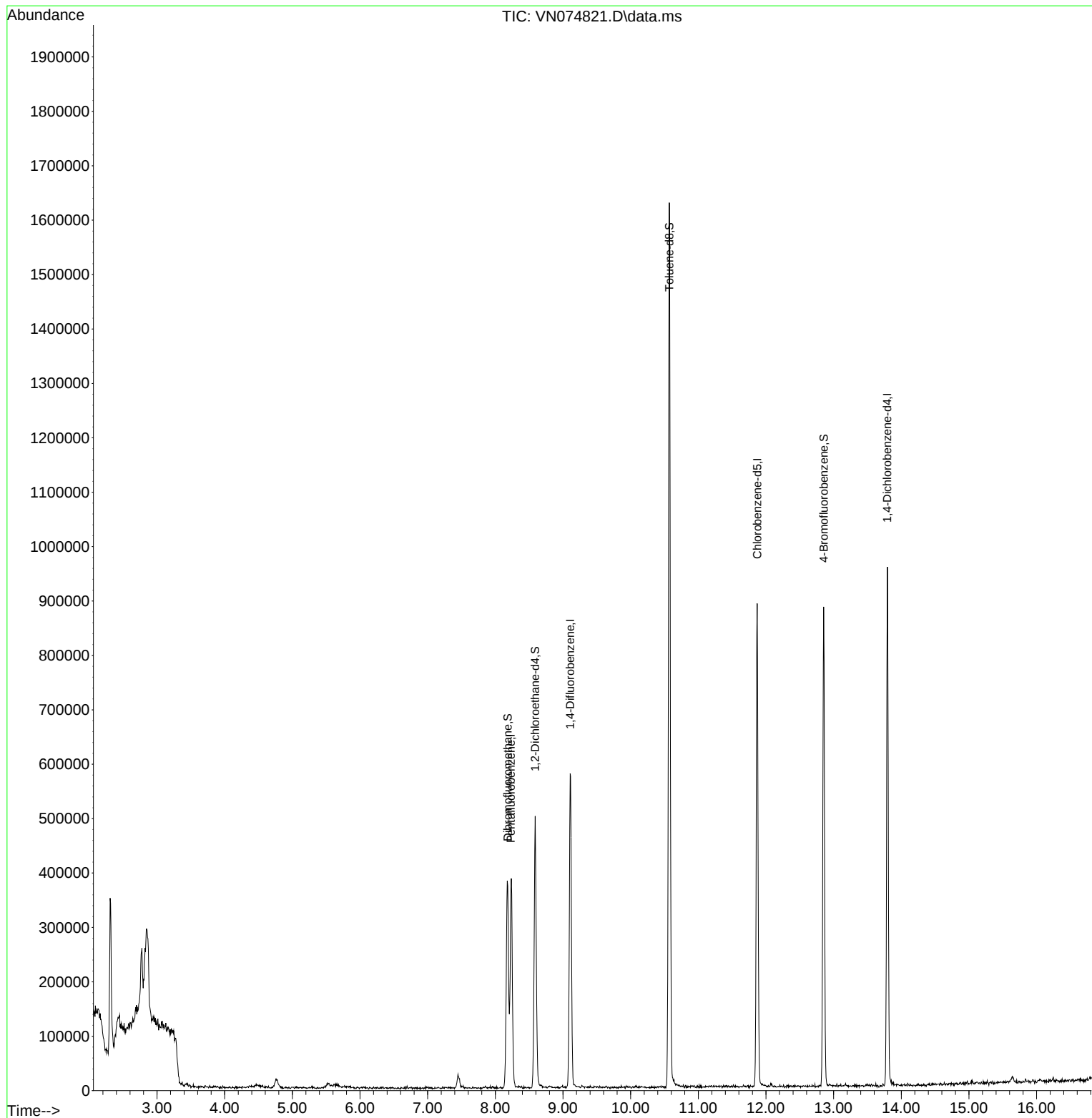
Target Compounds	Qvalue

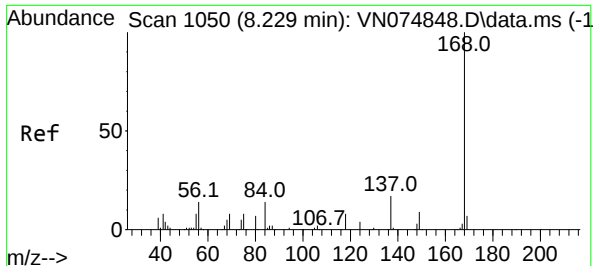
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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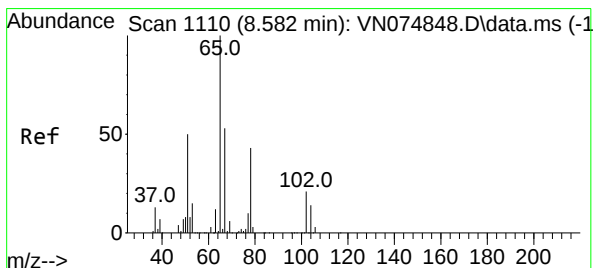
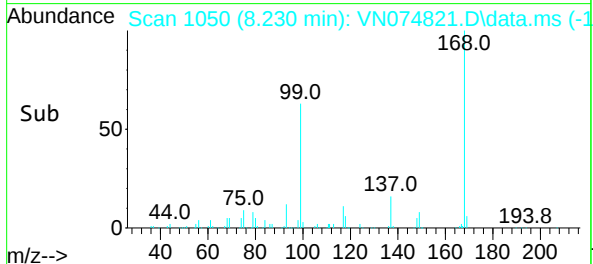
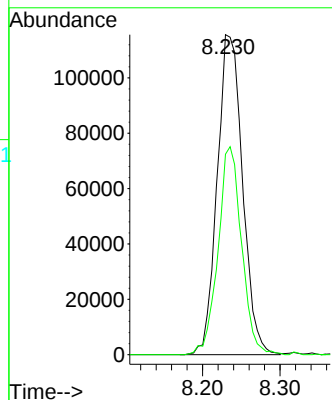
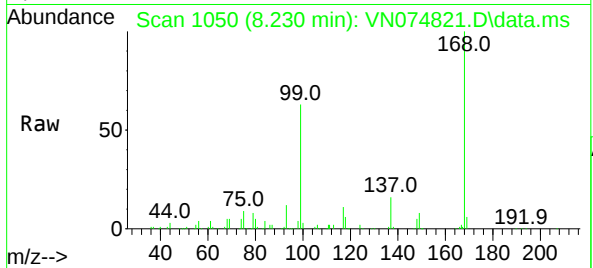




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VN074821.D
Acq: 07 Oct 2022 19:09

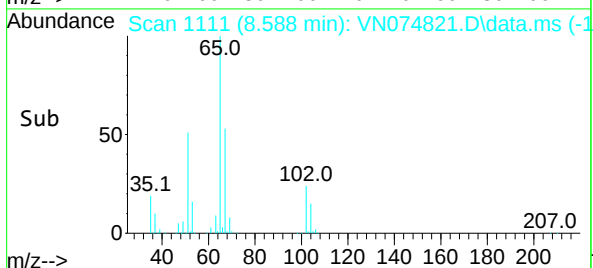
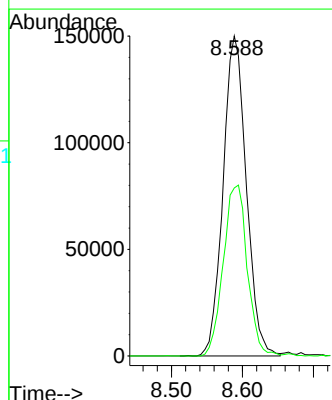
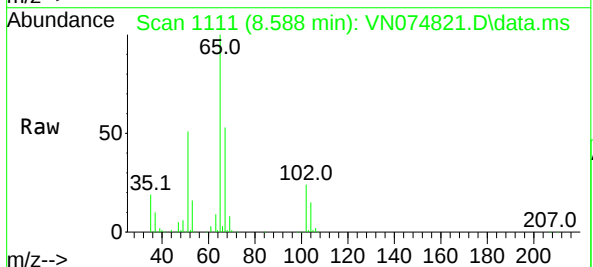
Instrument :
MSVOA_N
ClientSampleId :
257155-4

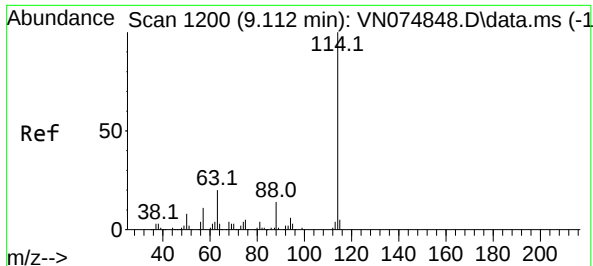
Tgt Ion:168 Resp: 262912
Ion Ratio Lower Upper
168 100
99 62.7 42.8 64.2



#33
1,2-Dichloroethane-d4
Concen: 54.709 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN074821.D
Acq: 07 Oct 2022 19:09

Tgt Ion: 65 Resp: 340811
Ion Ratio Lower Upper
65 100
67 55.0 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN074821.D

Acq: 07 Oct 2022 19:09

Instrument :

MSVOA_N

ClientSampleId :

257155-4

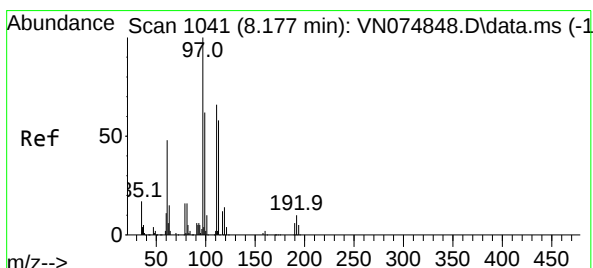
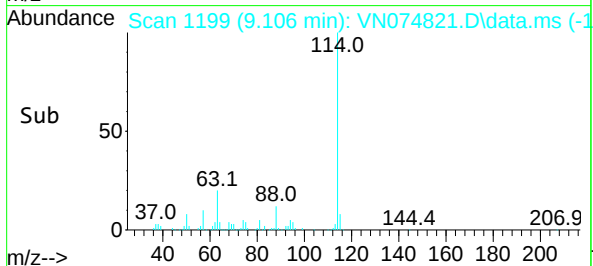
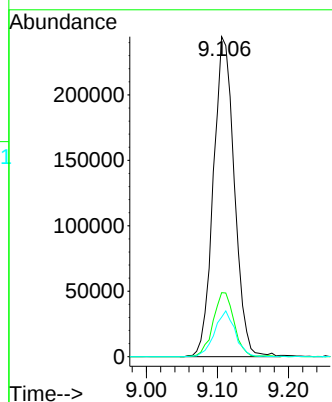
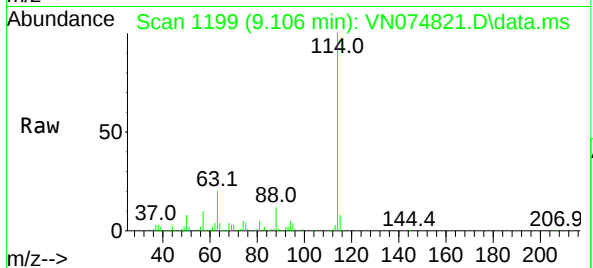
Tgt Ion:114 Resp: 500874

Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.2

88 12.4 0.0 30.2



#35

Dibromofluoromethane

Concen: 52.668 ug/l

RT: 8.182 min Scan# 1042

Delta R.T. 0.012 min

Lab File: VN074821.D

Acq: 07 Oct 2022 19:09

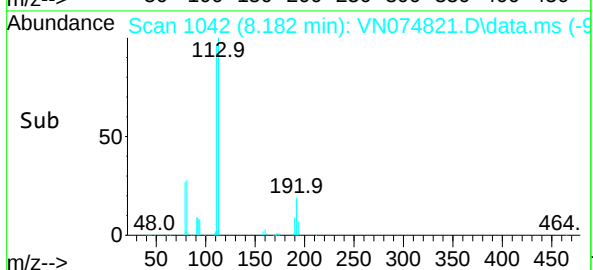
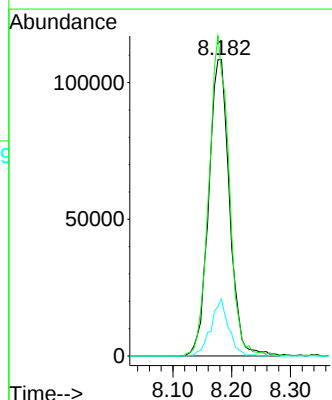
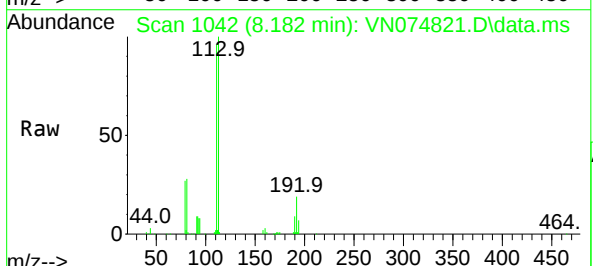
Tgt Ion:113 Resp: 266532

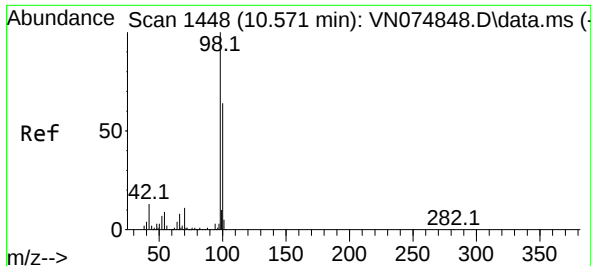
Ion Ratio Lower Upper

113 100

111 104.2 83.0 124.6

192 16.4 12.6 18.8

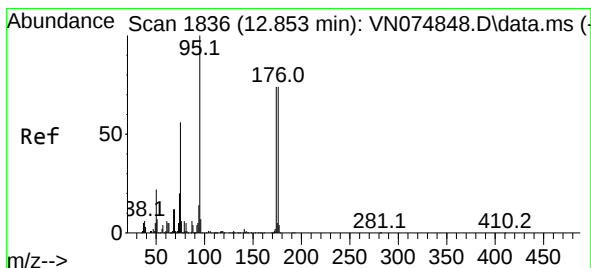
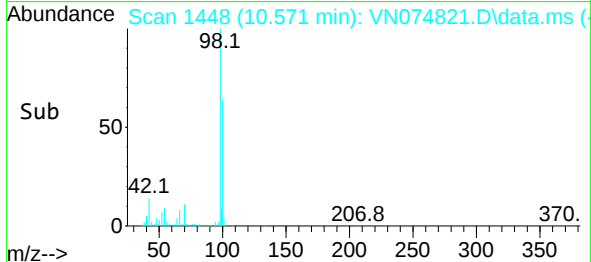
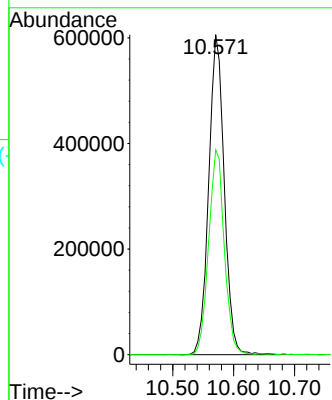
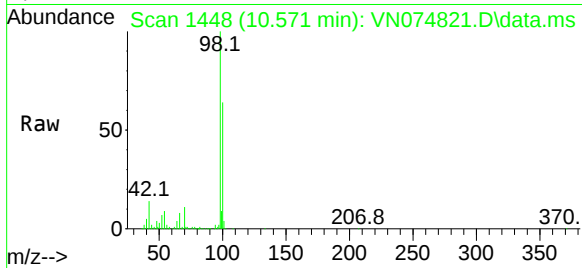




#50
Toluene-d8
Concen: 49.387 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074821.D
Acq: 07 Oct 2022 19:09

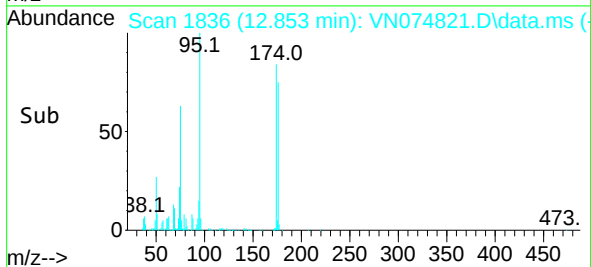
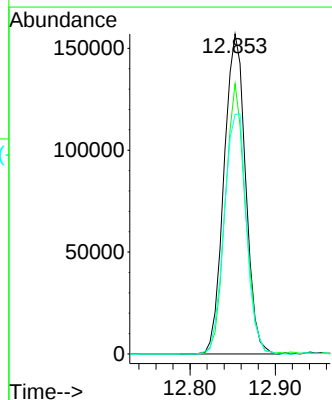
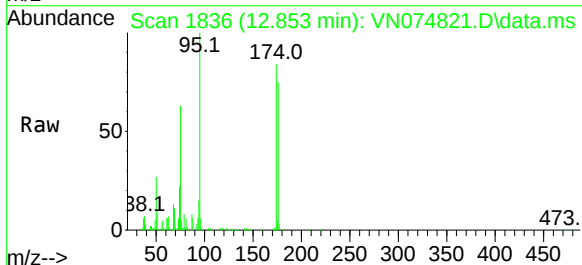
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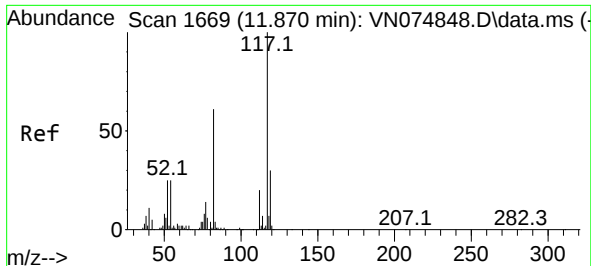
Tgt Ion: 98 Resp: 1072413
Ion Ratio Lower Upper
98 100
100 64.6 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 41.754 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074821.D
Acq: 07 Oct 2022 19:09

Tgt Ion: 95 Resp: 275612
Ion Ratio Lower Upper
95 100
174 79.0 0.0 149.4
176 77.6 0.0 142.0

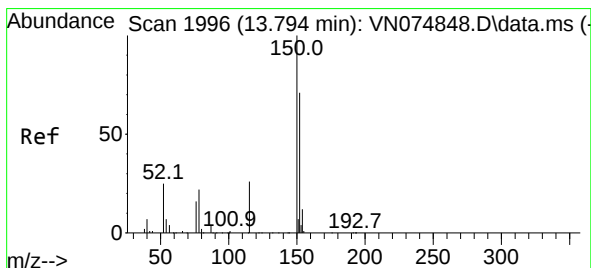
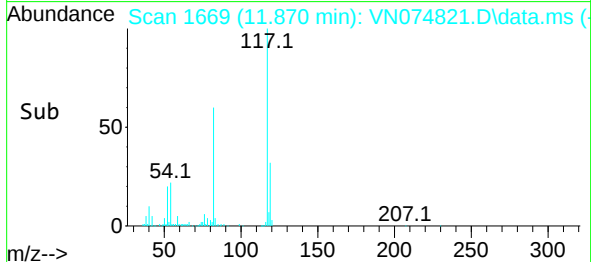
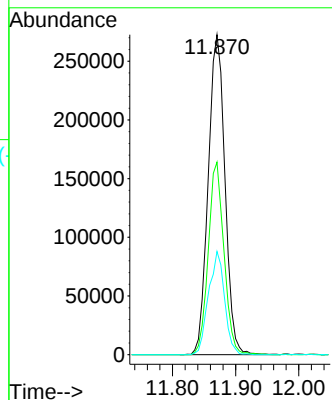
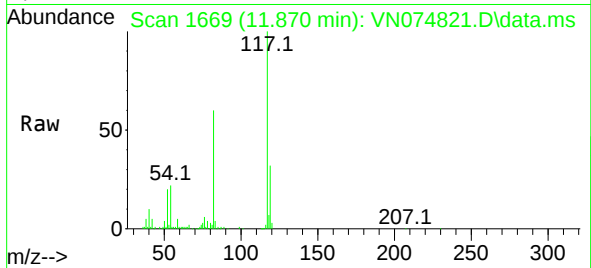




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN074821.D
Acq: 07 Oct 2022 19:09

Instrument :
MSVOA_N
ClientSampleId :
257155-4

Tgt Ion:117 Resp: 502449
Ion Ratio Lower Upper
117 100
82 60.1 45.4 68.2
119 32.3 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN074821.D
Acq: 07 Oct 2022 19:09

Tgt Ion:152 Resp: 233837
Ion Ratio Lower Upper
152 100
115 59.1 30.0 90.0
150 158.9 0.0 356.4

