

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100622\
 Data File : VN074794.D
 Acq On : 06 Oct 2022 19:29
 Operator : JC\MD
 Sample : N4910-03RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2RE

Quant Time: Oct 06 19:49:39 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	8.229	168	244769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	455345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	448339	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	216809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	309177	53.310	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.620%	
35) Dibromofluoromethane	8.177	113	240275	52.227	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.460%	
50) Toluene-d8	10.571	98	981130	49.701	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.400%	
62) 4-Bromofluorobenzene	12.853	95	253425	42.232	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 84.460%	

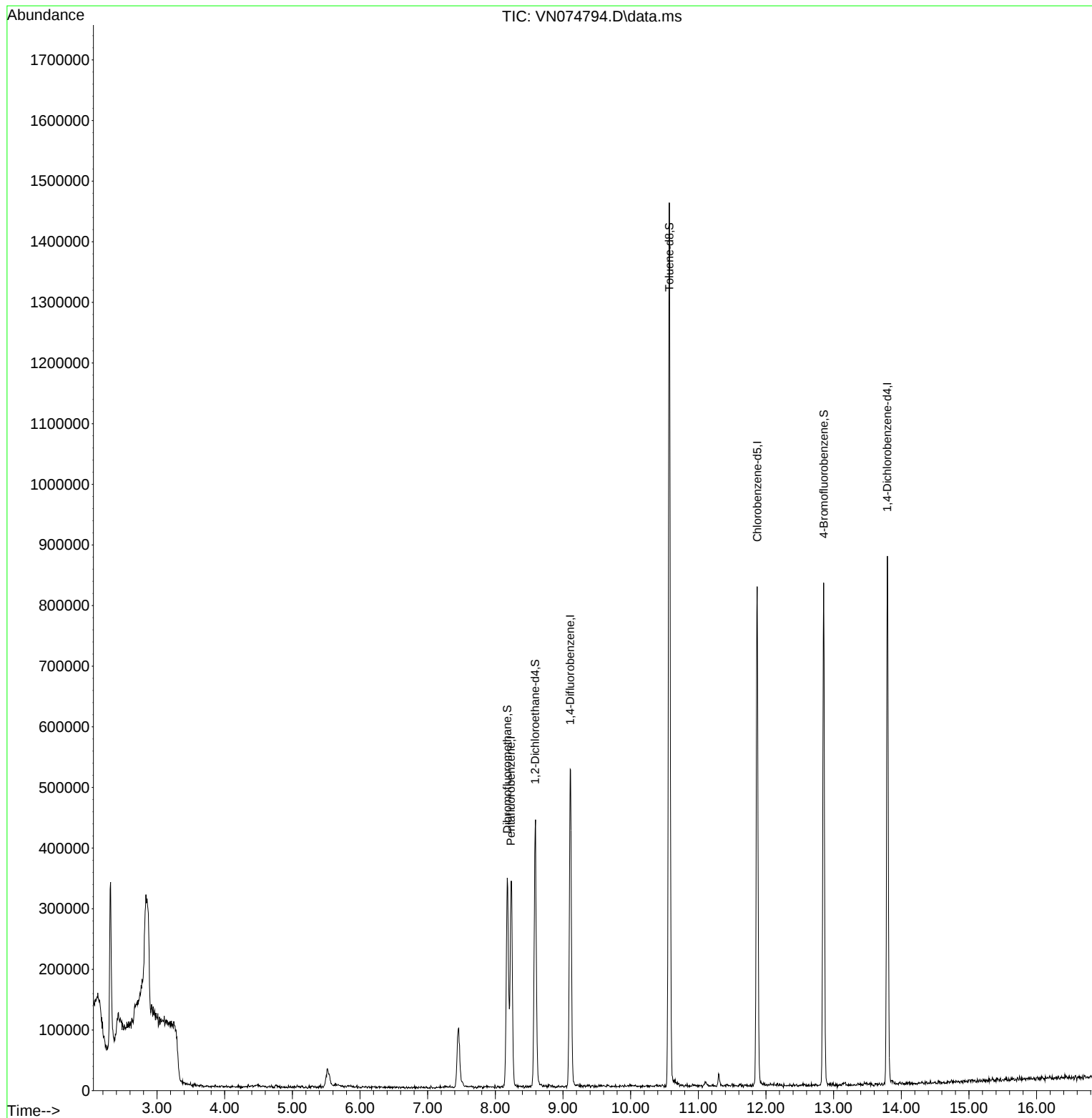
Target Compounds	Qvalue

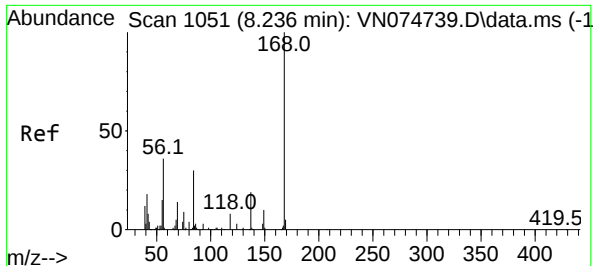
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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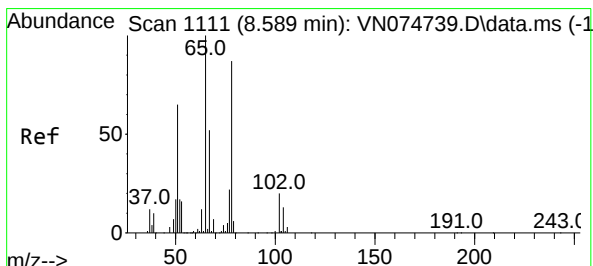
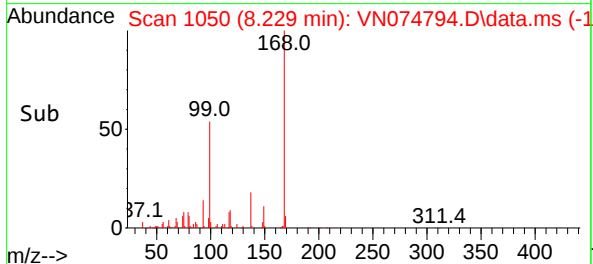
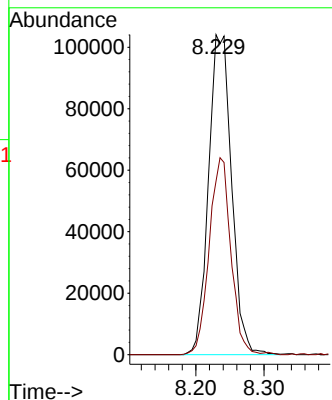
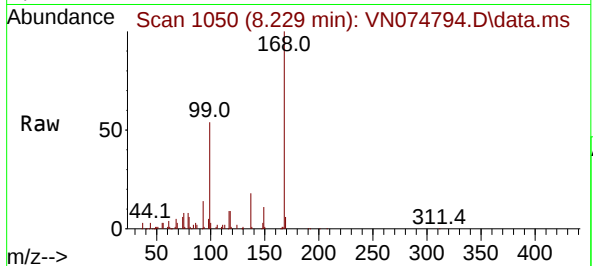




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.007 min
Lab File: VN074794.D
Acq: 06 Oct 2022 19:29

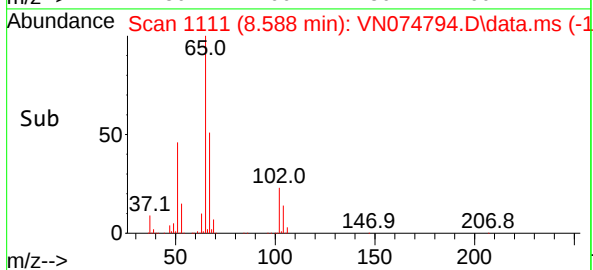
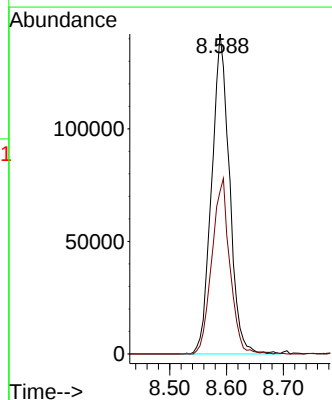
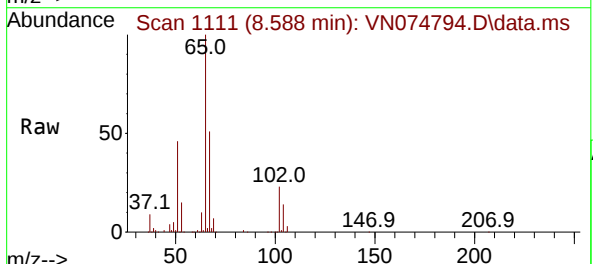
Instrument :
MSVOA_N
ClientSampleId :
MW-2RE

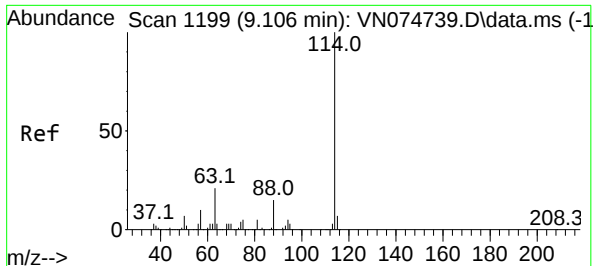
Tgt Ion:168 Resp: 244769
Ion Ratio Lower Upper
168 100
99 54.2 42.8 64.2



#33
1,2-Dichloroethane-d4
Concen: 53.310 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN074794.D
Acq: 06 Oct 2022 19:29

Tgt Ion: 65 Resp: 309177
Ion Ratio Lower Upper
65 100
67 55.1 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: VN074794.D

Acq: 06 Oct 2022 19:29

Instrument :

MSVOA_N

ClientSampleId :

MW-2RE

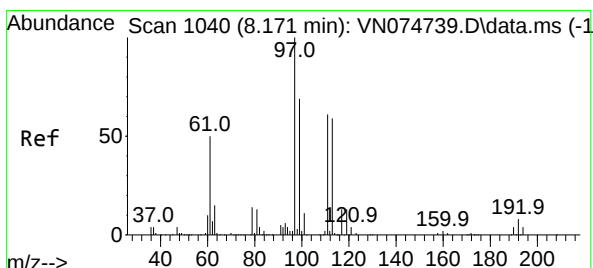
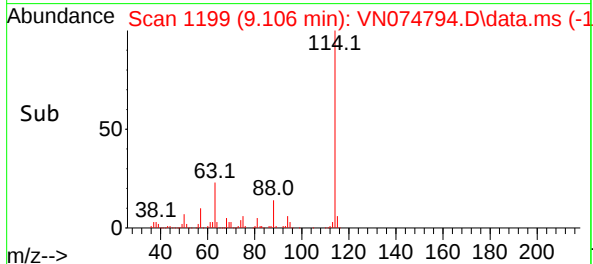
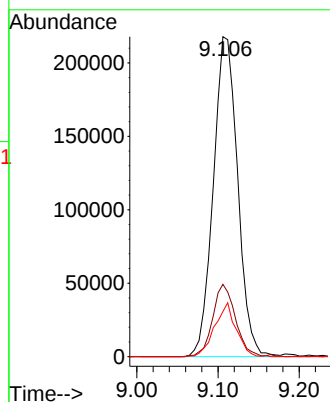
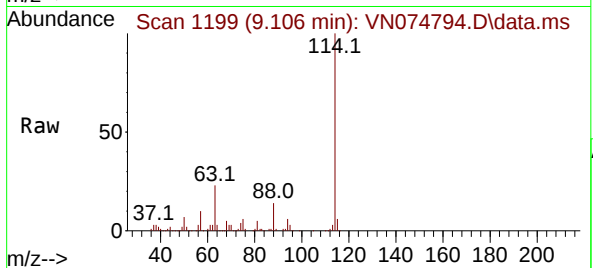
Tgt Ion:114 Resp: 455345

Ion Ratio Lower Upper

114 100

63 22.6 0.0 41.2

88 14.1 0.0 30.2



#35

Dibromofluoromethane

Concen: 52.227 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN074794.D

Acq: 06 Oct 2022 19:29

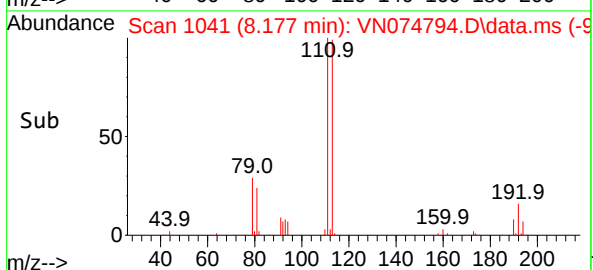
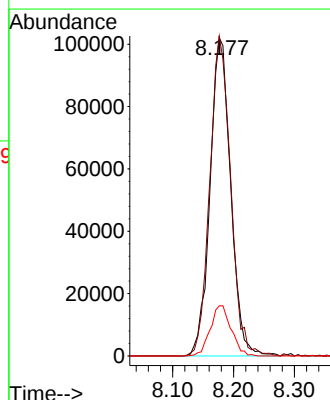
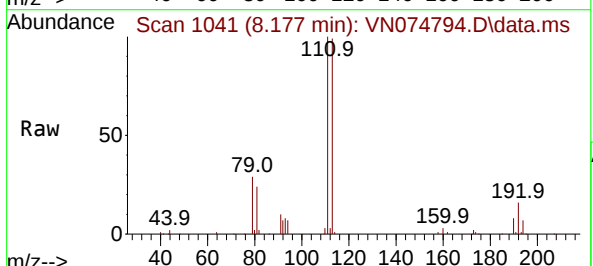
Tgt Ion:113 Resp: 240275

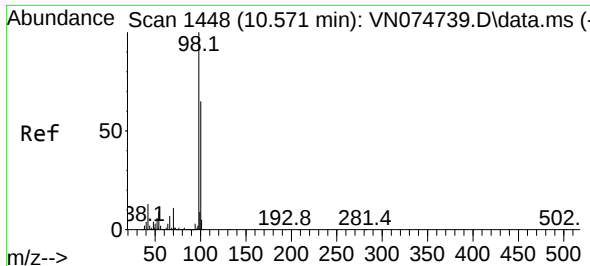
Ion Ratio Lower Upper

113 100

111 101.5 83.0 124.6

192 16.0 12.6 18.8

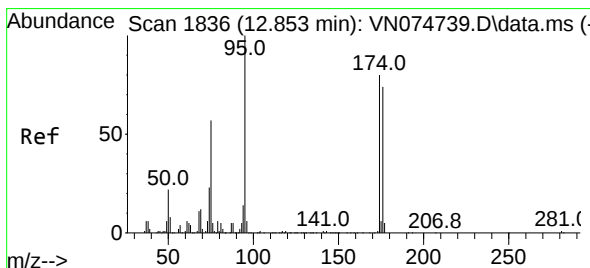
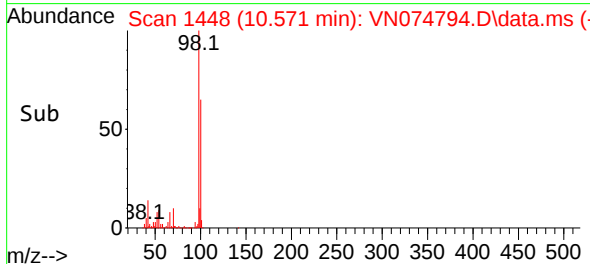
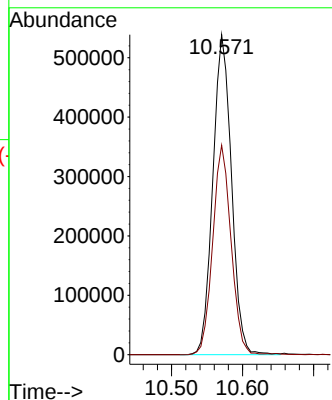
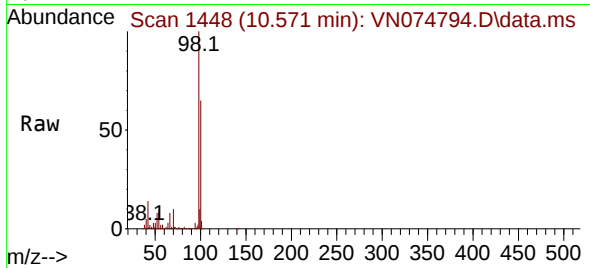




#50
Toluene-d8
Concen: 49.701 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074794.D
Acq: 06 Oct 2022 19:29

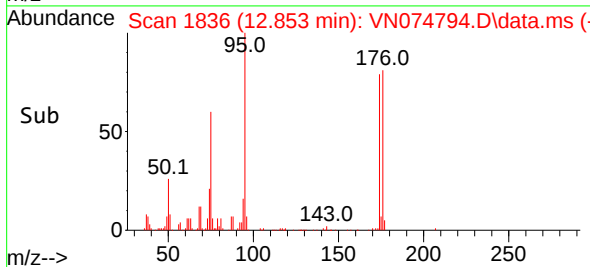
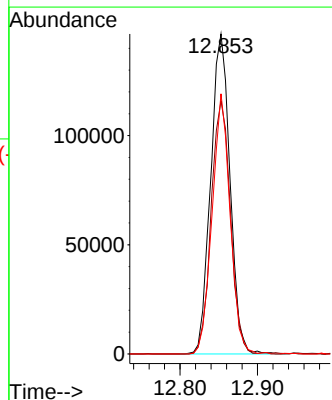
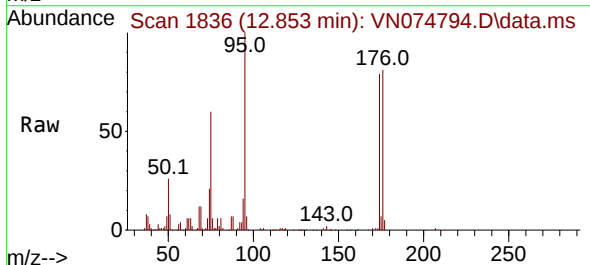
Instrument :
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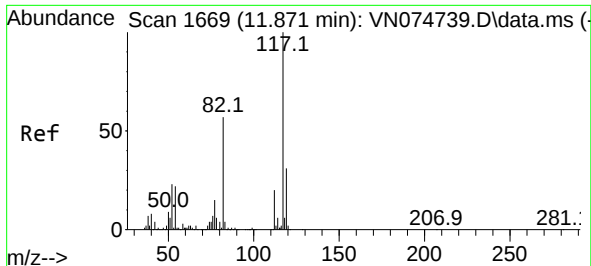
Tgt Ion: 98 Resp: 981130
Ion Ratio Lower Upper
98 100
100 64.2 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 42.232 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074794.D
Acq: 06 Oct 2022 19:29

Tgt Ion: 95 Resp: 253425
Ion Ratio Lower Upper
95 100
174 78.8 0.0 149.4
176 75.7 0.0 142.0

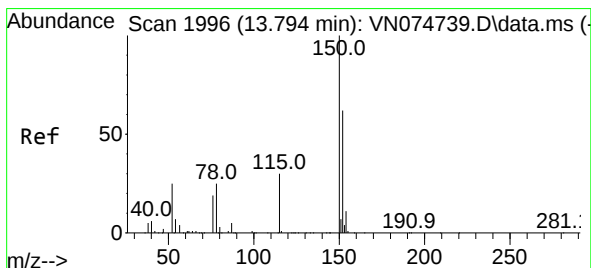
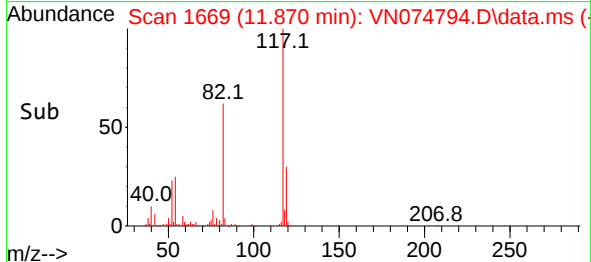
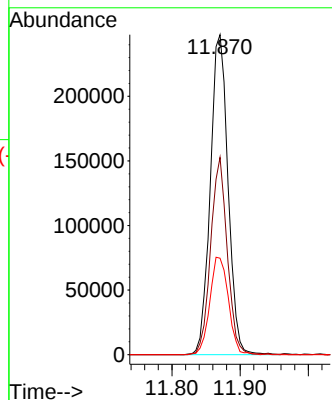
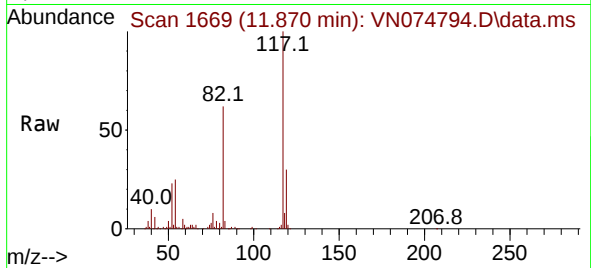




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN074794.D
Acq: 06 Oct 2022 19:29

Instrument :
MSVOA_N
ClientSampleId :
MW-2RE

Tgt Ion:117 Resp: 448339
Ion Ratio Lower Upper
117 100
82 61.7 45.4 68.2
119 30.2 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: VN074794.D
Acq: 06 Oct 2022 19:29

Tgt Ion:152 Resp: 216809
Ion Ratio Lower Upper
152 100
115 62.1 30.0 90.0
150 159.7 0.0 356.4

