

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100722\
 Data File : VN074811.D
 Acq On : 07 Oct 2022 15:07
 Operator : JC\MD
 Sample : N5002-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 5486-3

Quant Time: Oct 08 03:53:04 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	8.235	168	222906	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.112	114	415164	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	405937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	202329	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	290922	55.082	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.160%	
35) Dibromofluoromethane	8.177	113	227764	54.299	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.600%	
50) Toluene-d8	10.571	98	914565	50.813	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.620%	
62) 4-Bromofluorobenzene	12.853	95	237497	43.408	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 86.820%	

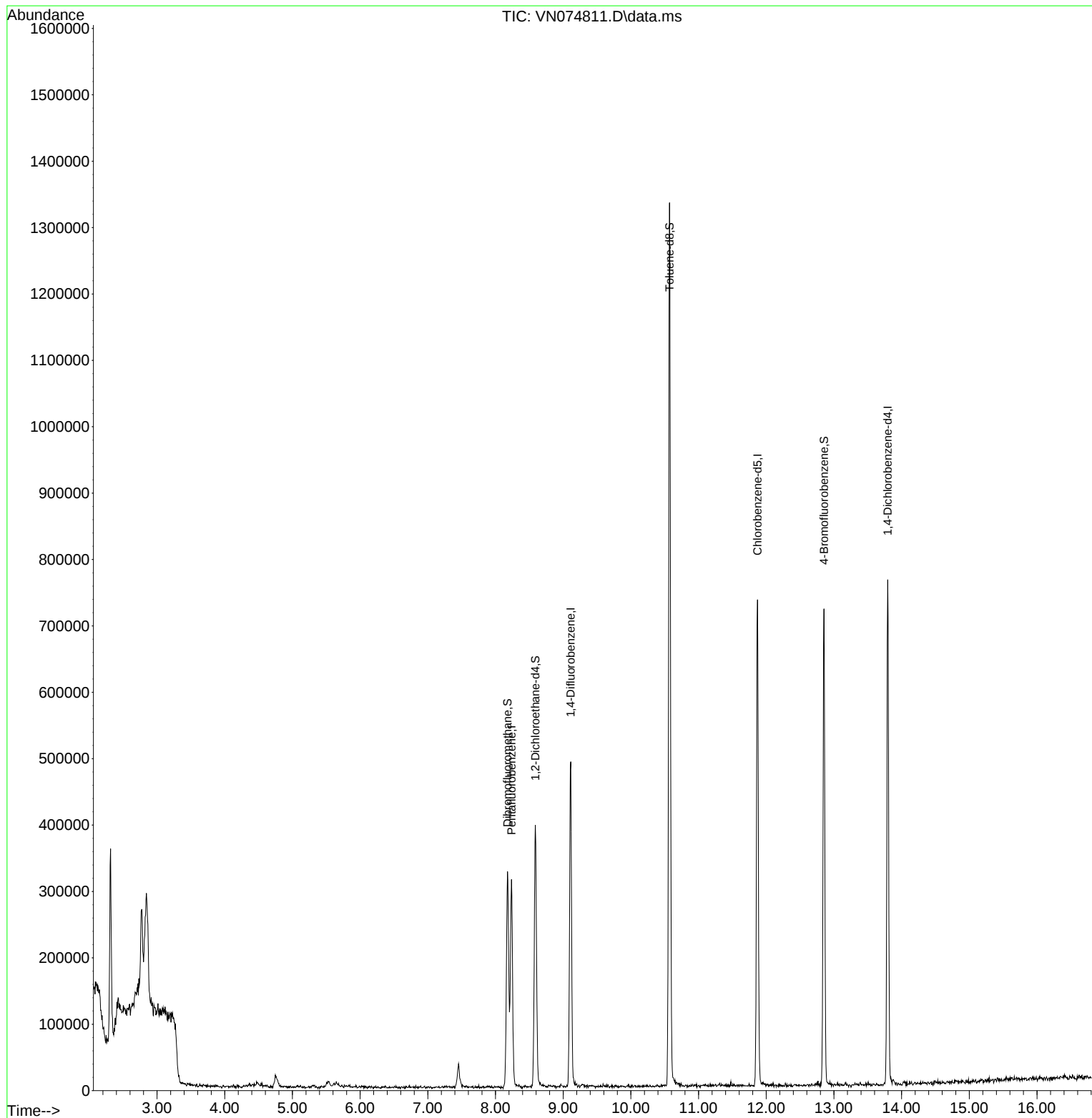
Target Compounds	Qvalue

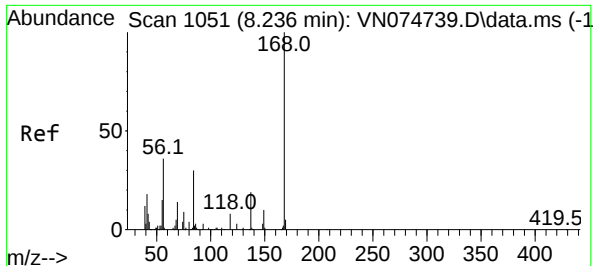
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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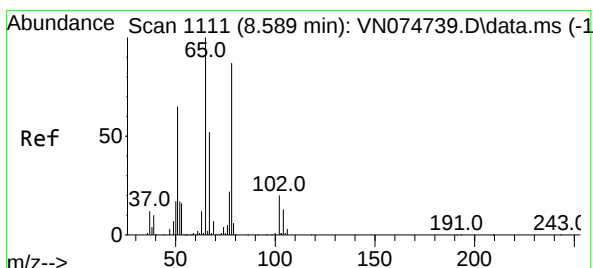
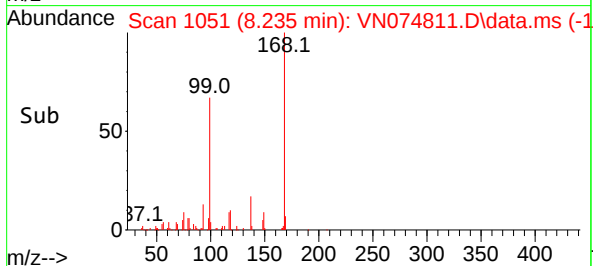
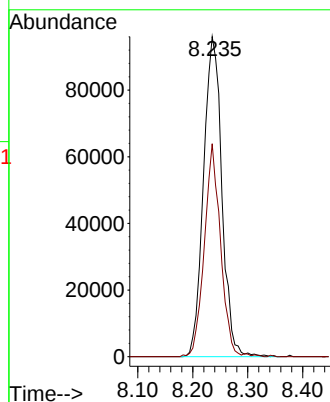
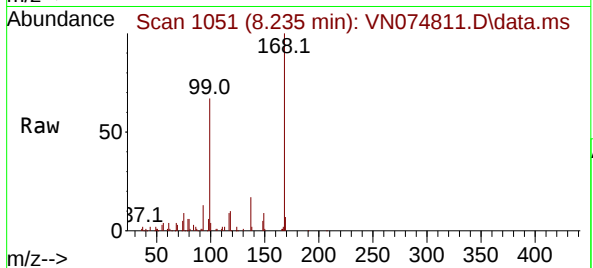




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.001 min
Lab File: VN074811.D
Acq: 07 Oct 2022 15:07

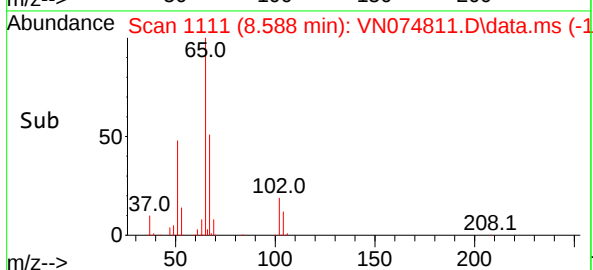
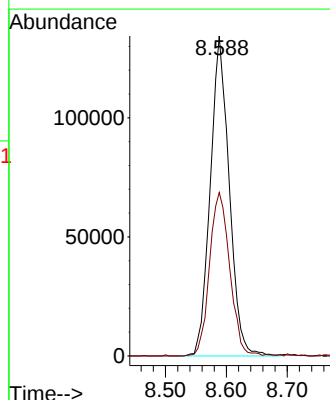
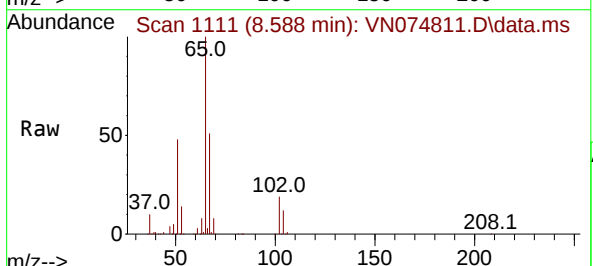
Instrument :
MSVOA_N
ClientSampleId :
5486-3

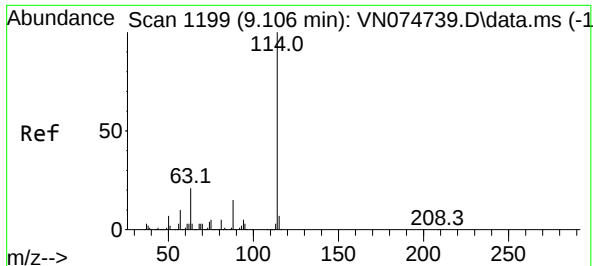
Tgt Ion:168 Resp: 222906
Ion Ratio Lower Upper
168 100
99 66.5 42.8 64.2#



#33
1,2-Dichloroethane-d4
Concen: 55.082 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN074811.D
Acq: 07 Oct 2022 15:07

Tgt Ion: 65 Resp: 290922
Ion Ratio Lower Upper
65 100
67 54.6 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN074811.D

Acq: 07 Oct 2022 15:07

Instrument :

MSVOA_N

ClientSampleId :

5486-3

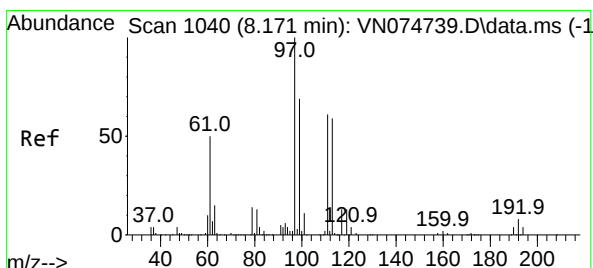
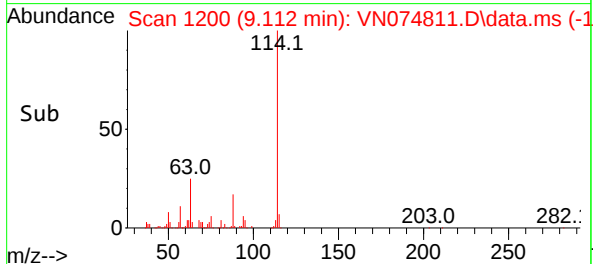
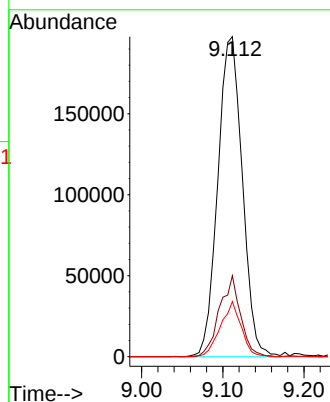
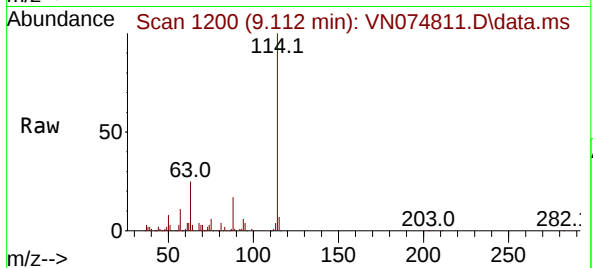
Tgt Ion:114 Resp: 415164

Ion Ratio Lower Upper

114 100

63 25.3 0.0 41.2

88 17.2 0.0 30.2



#35

Dibromofluoromethane

Concen: 54.299 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN074811.D

Acq: 07 Oct 2022 15:07

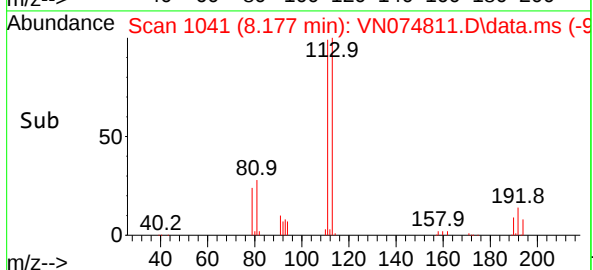
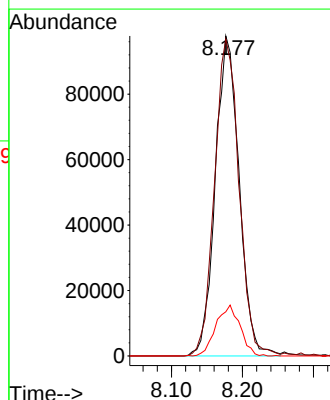
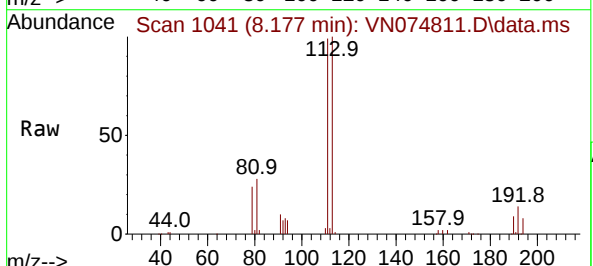
Tgt Ion:113 Resp: 227764

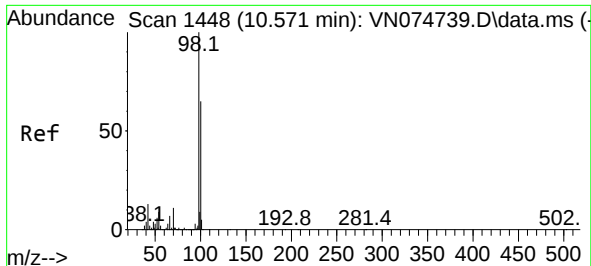
Ion Ratio Lower Upper

113 100

111 101.7 83.0 124.6

192 16.1 12.6 18.8

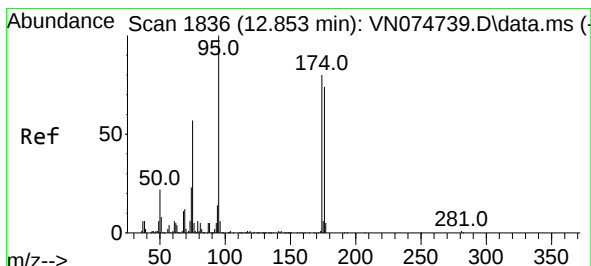
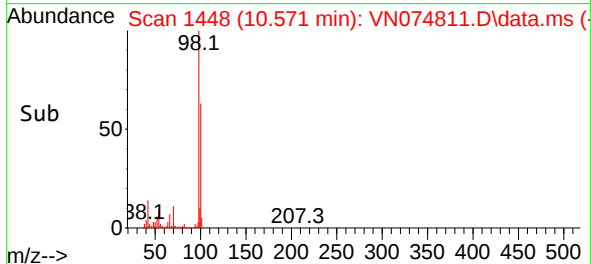
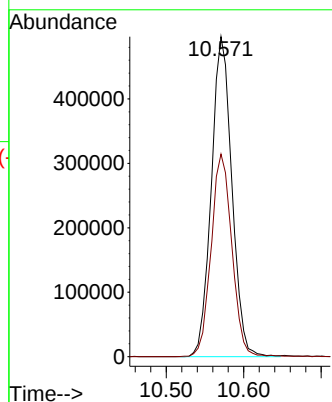
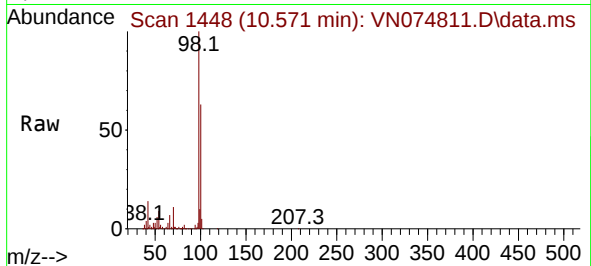




#50
Toluene-d8
Concen: 50.813 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074811.D
Acq: 07 Oct 2022 15:07

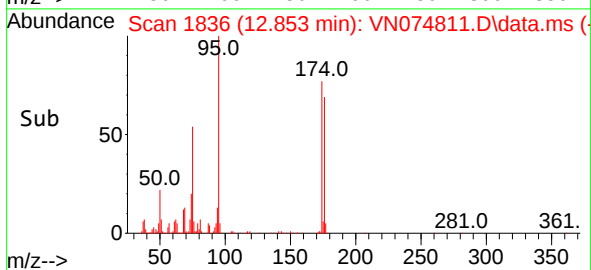
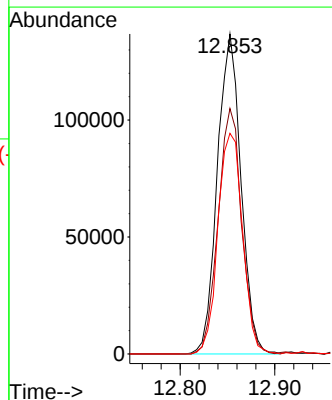
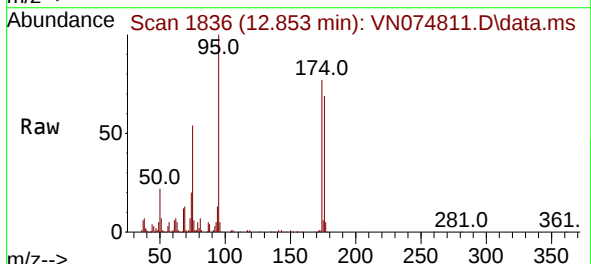
Instrument :
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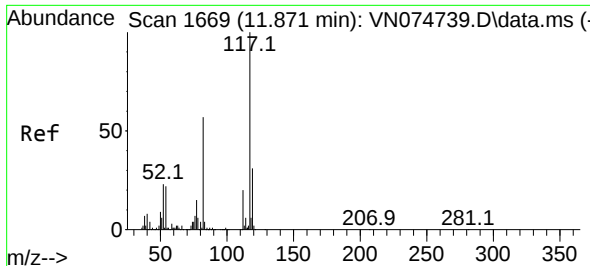
Tgt Ion: 98 Resp: 914565
Ion Ratio Lower Upper
98 100
100 63.9 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 43.408 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074811.D
Acq: 07 Oct 2022 15:07

Tgt Ion: 95 Resp: 237497
Ion Ratio Lower Upper
95 100
174 76.7 0.0 149.4
176 71.8 0.0 142.0

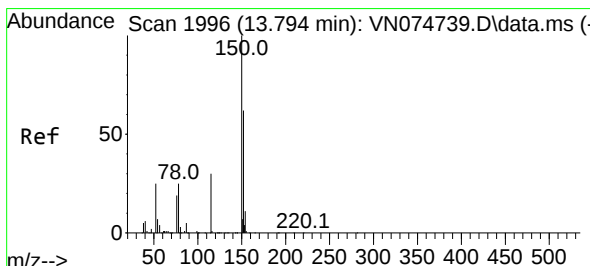
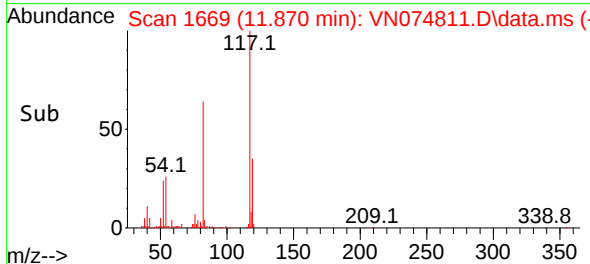
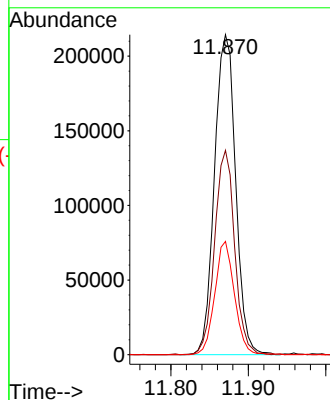
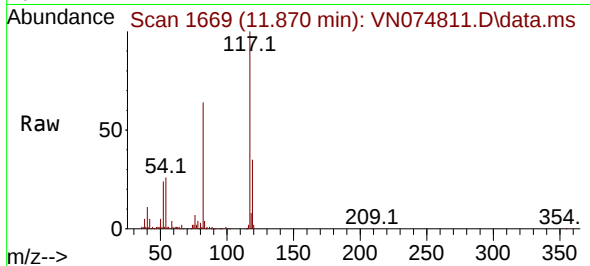




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074811.D
Acq: 07 Oct 2022 15:07

Instrument :
MSVOA_N
ClientSampleId :
5486-3

Tgt Ion:117 Resp: 405937
Ion Ratio Lower Upper
117 100
82 63.9 45.4 68.2
119 35.4 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: VN074811.D
Acq: 07 Oct 2022 15:07

Tgt Ion:152 Resp: 202329
Ion Ratio Lower Upper
152 100
115 57.3 30.0 90.0
150 152.9 0.0 356.4

