

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122122\
 Data File : VN075910.D
 Acq On : 21 Dec 2022 11:20
 Operator : JC\MD
 Sample : VN1221WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1221WBL01

Quant Time: Dec 21 14:15:11 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	390725	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	617149	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	532526	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	224314	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	197252	46.404	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.800%
35) Dibromofluoromethane	8.171	113	179286	46.910	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.820%
50) Toluene-d8	10.571	98	696115	48.714	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.420%
62) 4-Bromofluorobenzene	12.853	95	221298	46.757	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.520%

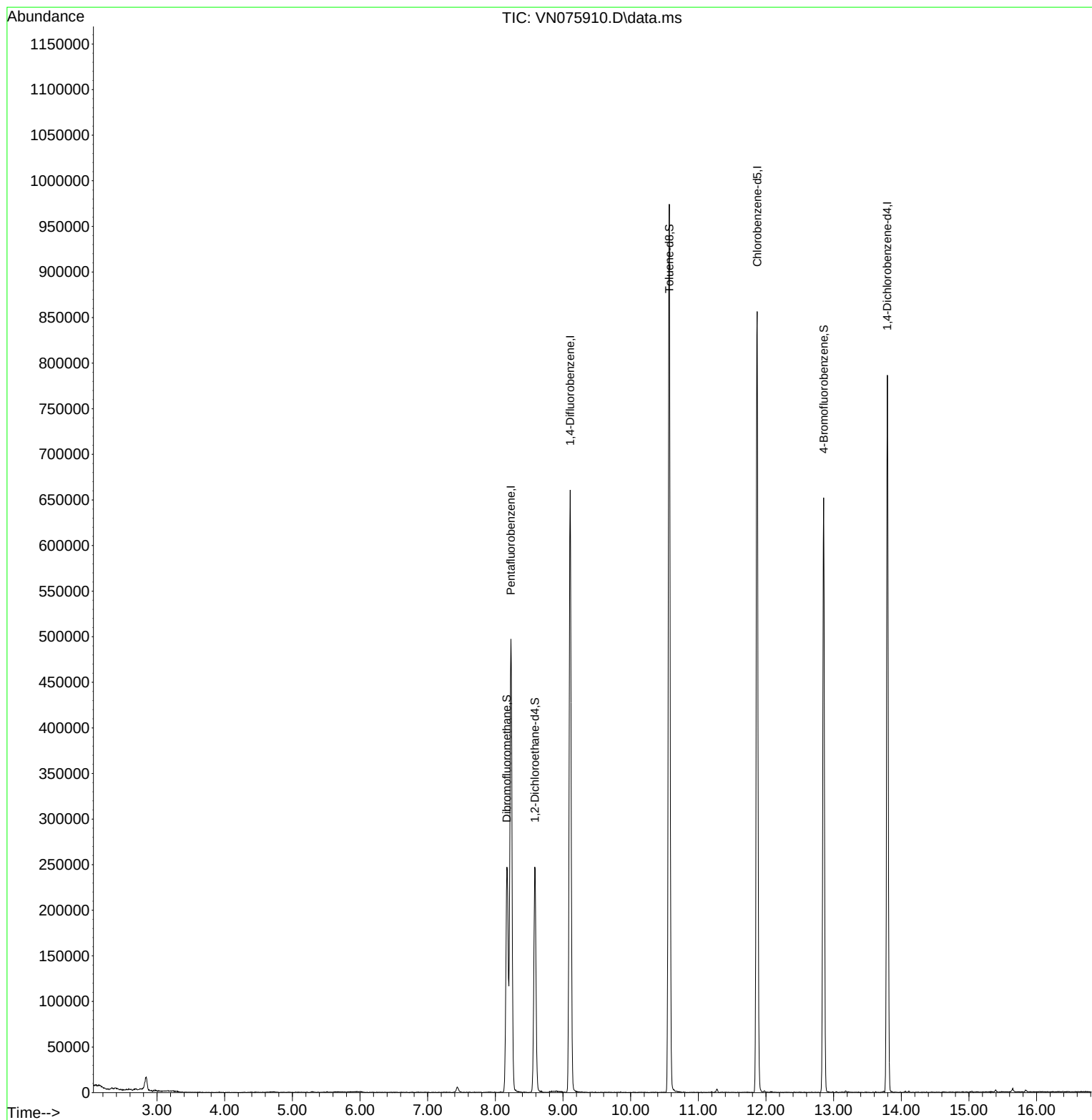
Target Compounds	Qvalue

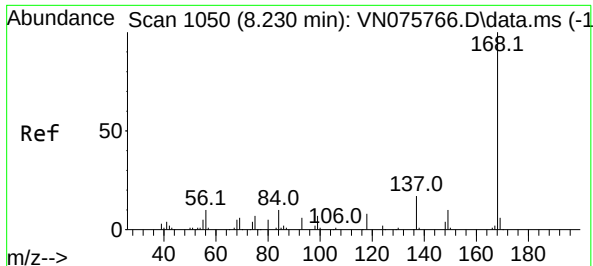
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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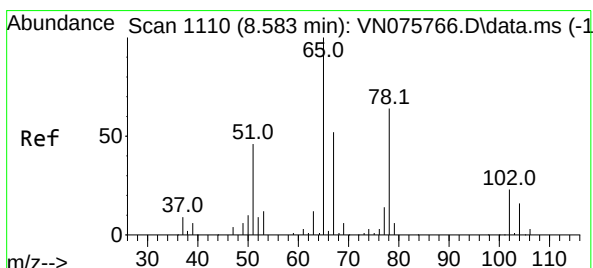
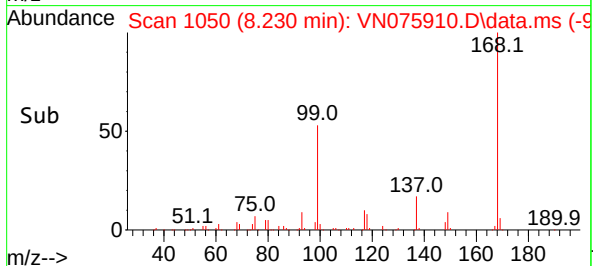
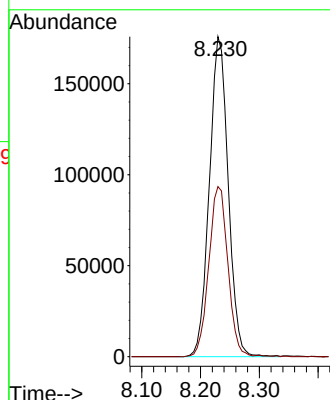
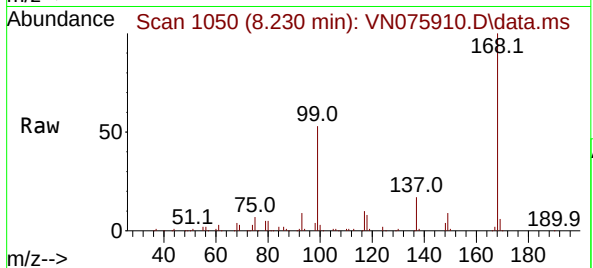




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075910.D
Acq: 21 Dec 2022 11:20

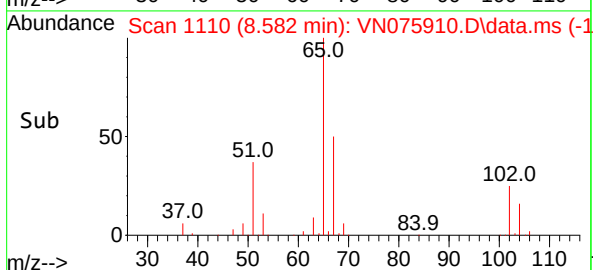
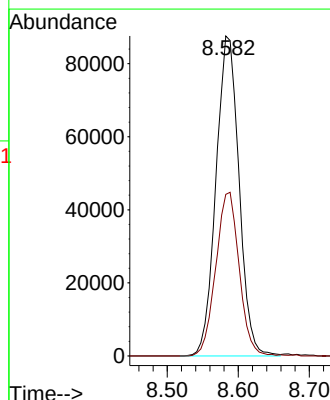
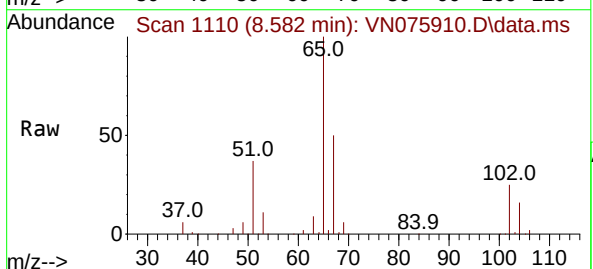
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBL01

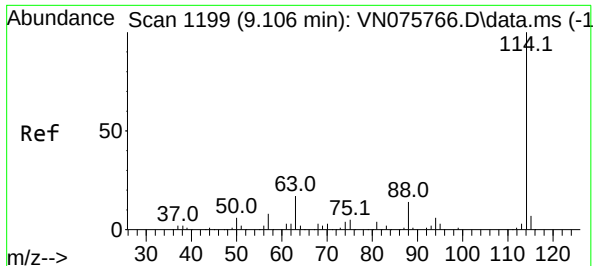
Tgt Ion:168 Resp: 390725
Ion Ratio Lower Upper
168 100
99 53.2 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 46.404 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN075910.D
Acq: 21 Dec 2022 11:20

Tgt Ion: 65 Resp: 197252
Ion Ratio Lower Upper
65 100
67 51.9 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: VN075910.D

Acq: 21 Dec 2022 11:20

Instrument :

MSVOA_N

ClientSampleId :

VN1221WBL01

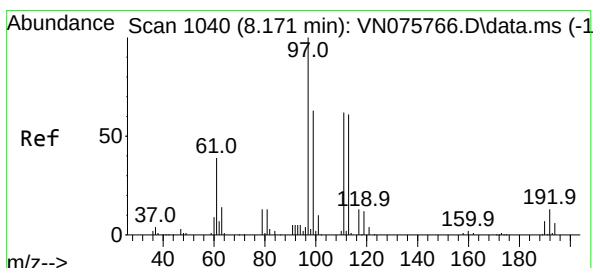
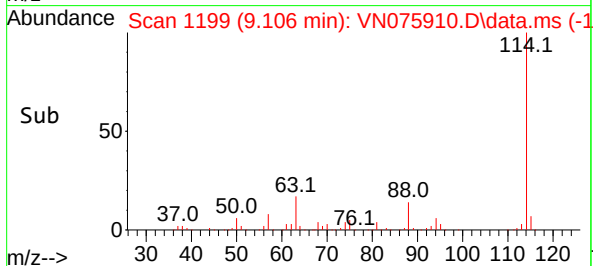
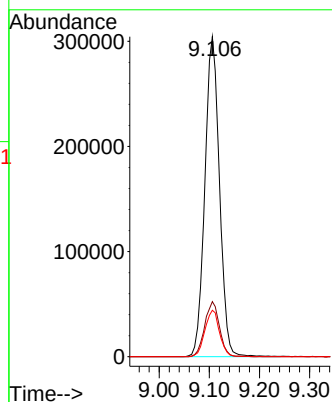
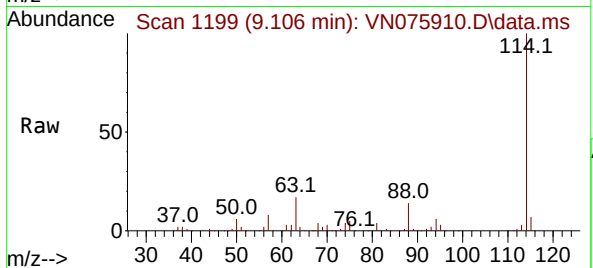
Tgt Ion:114 Resp: 617149

Ion Ratio Lower Upper

114 100

63 17.2 0.0 34.4

88 14.5 0.0 28.8



#35

Dibromofluoromethane

Concen: 46.910 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075910.D

Acq: 21 Dec 2022 11:20

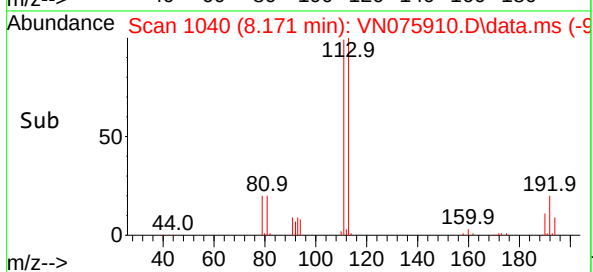
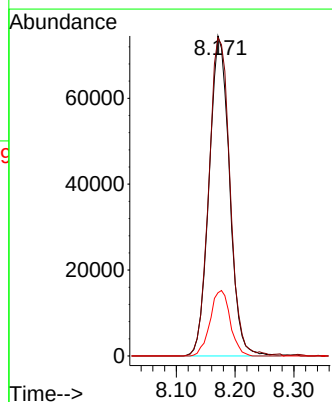
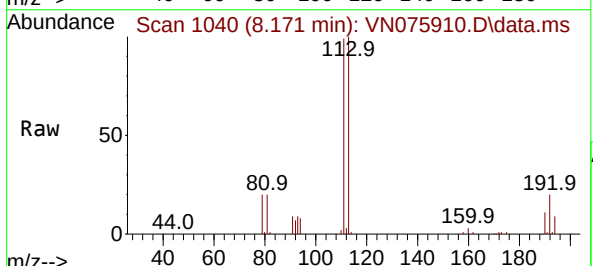
Tgt Ion:113 Resp: 179286

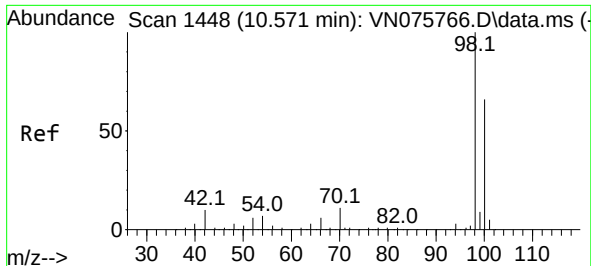
Ion Ratio Lower Upper

113 100

111 102.8 83.4 125.2

192 20.2 16.1 24.1

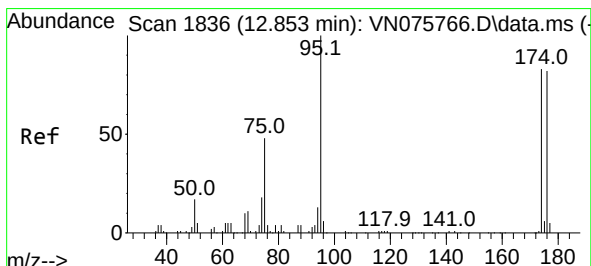
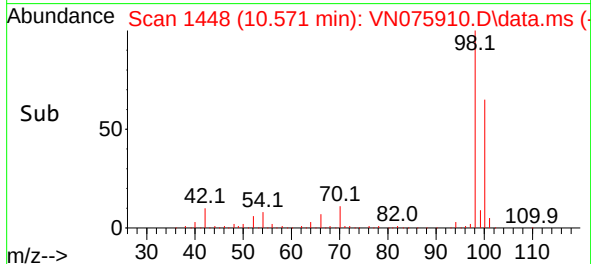
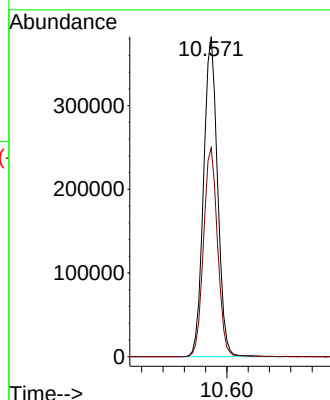
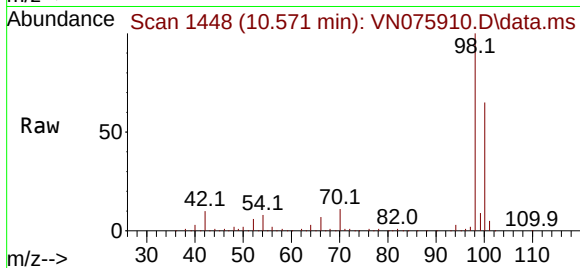




#50
Toluene-d8
Concen: 48.714 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075910.D
Acq: 21 Dec 2022 11:20

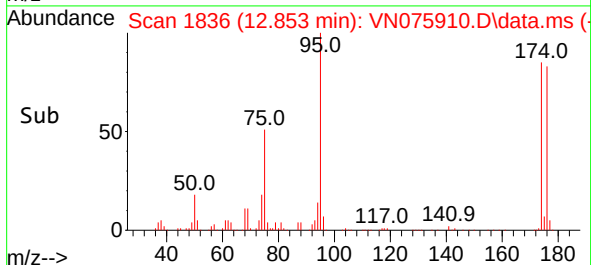
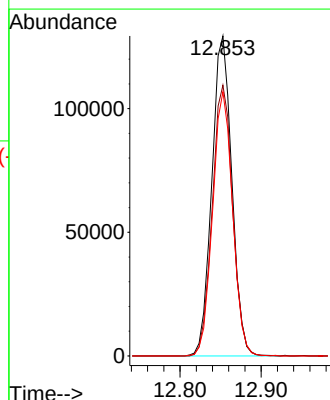
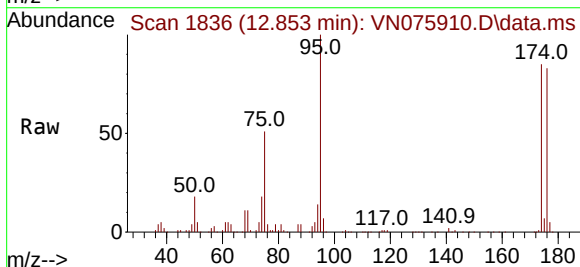
Instrument :
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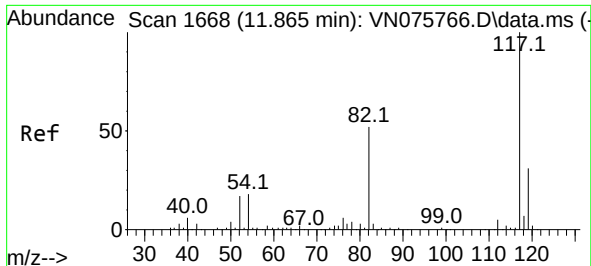
Tgt Ion: 98 Resp: 696115
Ion Ratio Lower Upper
98 100
100 65.5 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.757 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075910.D
Acq: 21 Dec 2022 11:20

Tgt Ion: 95 Resp: 221298
Ion Ratio Lower Upper
95 100
174 86.4 0.0 171.6
176 82.6 0.0 169.2

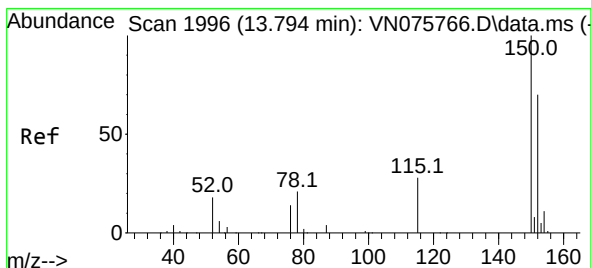
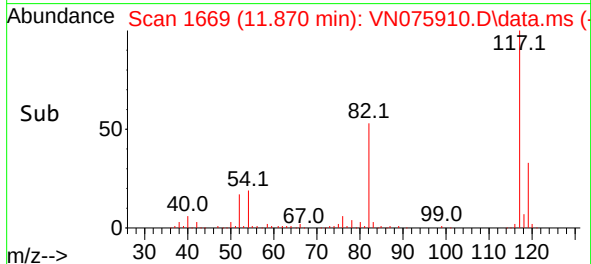
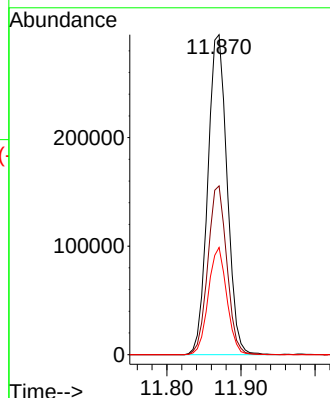
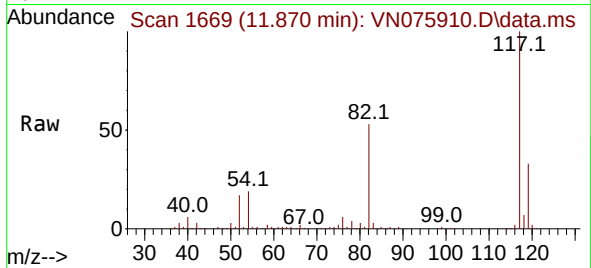




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075910.D
Acq: 21 Dec 2022 11:20

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBL01

Tgt Ion:117 Resp: 532526
Ion Ratio Lower Upper
117 100
82 52.7 41.3 61.9
119 33.5 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: VN075910.D
Acq: 21 Dec 2022 11:20

Tgt Ion:152 Resp: 224314
Ion Ratio Lower Upper
152 100
115 56.8 29.1 87.4
150 156.1 0.0 347.0

