

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010423\
 Data File : VN076078.D
 Acq On : 04 Jan 2023 13:52
 Operator : JC\MD
 Sample : N6232-04DL 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-13DL

Quant Time: Jan 05 01:22:59 2023
 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)

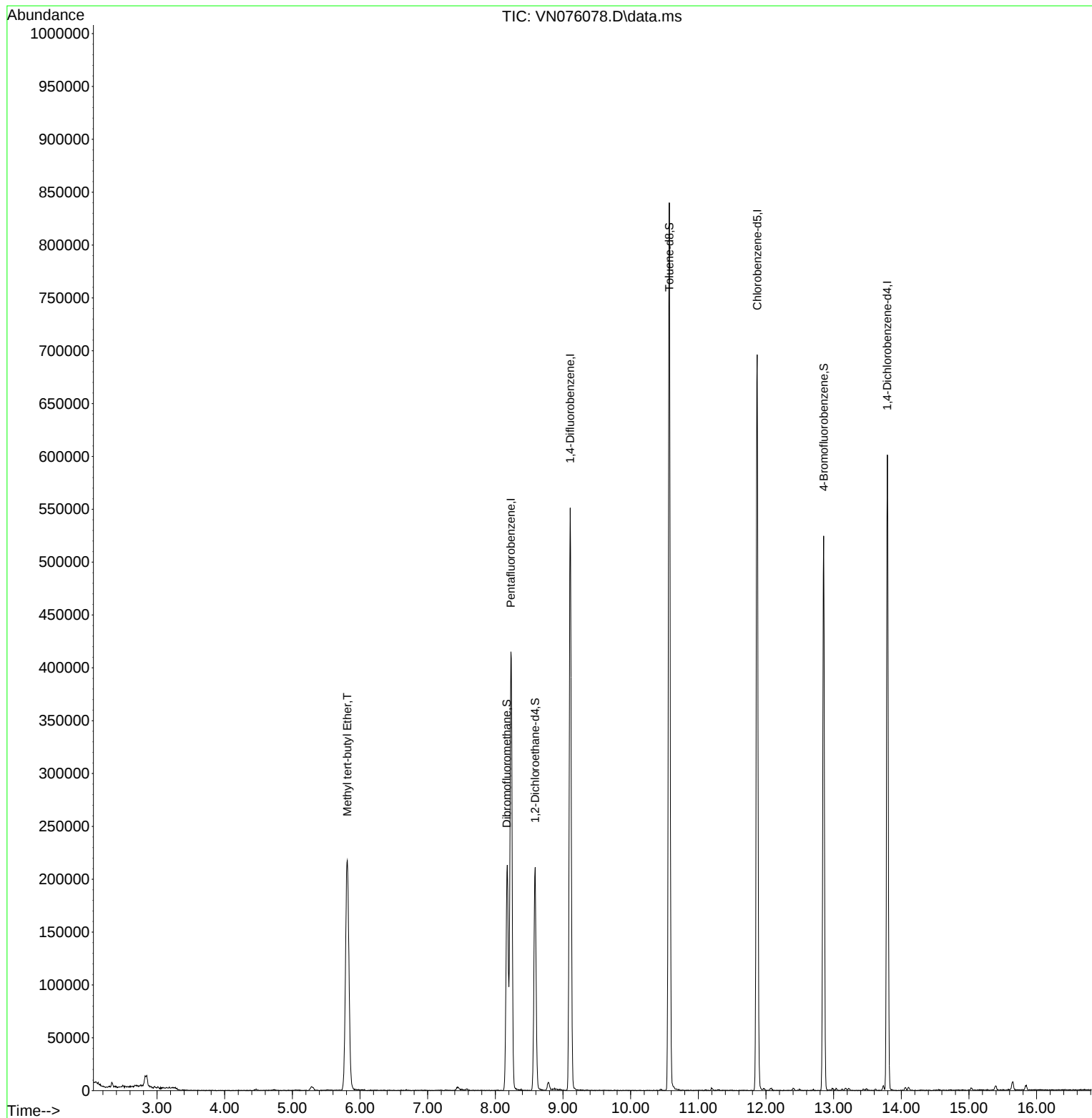
Internal Standards						
1) Pentafluorobenzene	8.230	168	323895	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	502923	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	433490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	176629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	168338	47.773	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.540%
35) Dibromofluoromethane	8.171	113	151348	48.594	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.180%
50) Toluene-d8	10.571	98	587956	50.491	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.980%
62) 4-Bromofluorobenzene	12.853	95	176468	45.754	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.500%
Target Compounds						
19) Methyl tert-butyl Ether	5.812	73	396096	41.900	ug/l	Qvalue 96

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

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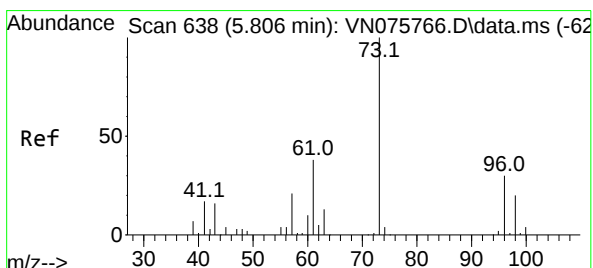
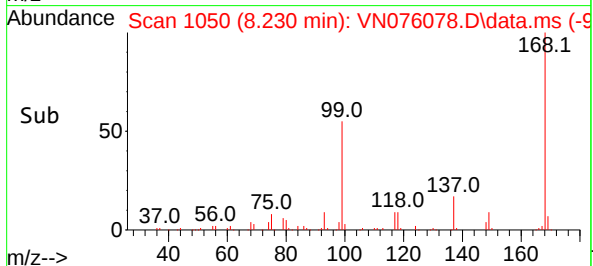
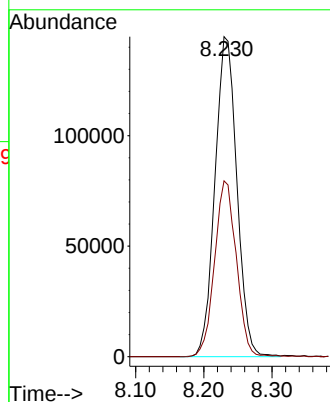
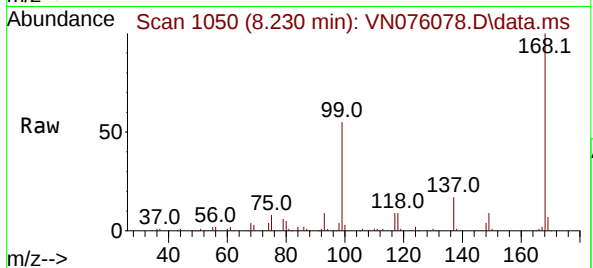




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN076078.D
Acq: 04 Jan 2023 13:52

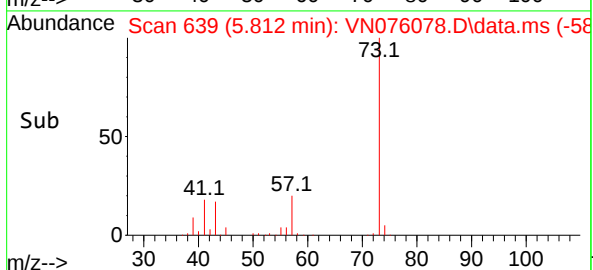
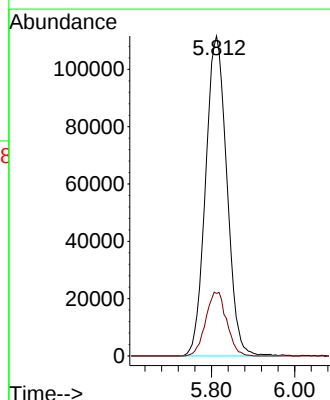
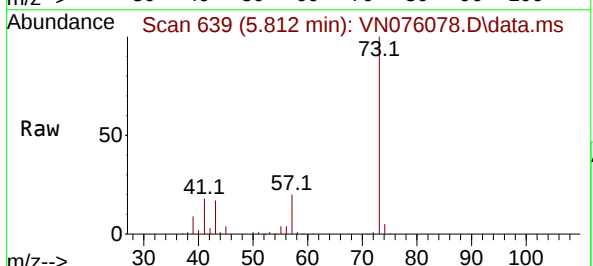
Instrument :
MSVOA_N
ClientSampleId :
MW-13DL

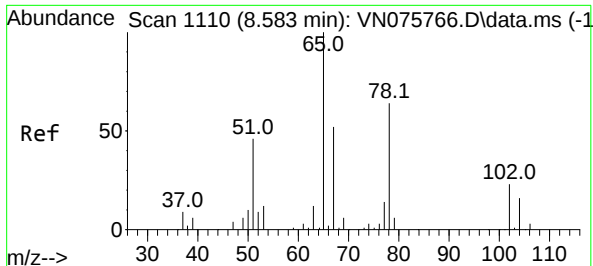
Tgt Ion:168 Resp: 323895
Ion Ratio Lower Upper
168 100
99 54.9 44.2 66.4



#19
Methyl tert-butyl Ether
Concen: 41.900 ug/l
RT: 5.812 min Scan# 639
Delta R.T. 0.006 min
Lab File: VN076078.D
Acq: 04 Jan 2023 13:52

Tgt Ion: 73 Resp: 396096
Ion Ratio Lower Upper
73 100
57 19.6 17.1 25.7





#33

1,2-Dichloroethane-d4

Concen: 47.773 ug/l

RT: 8.588 min Scan# 1110

Delta R.T. 0.006 min

Lab File: VN076078.D

Acq: 04 Jan 2023 13:52

Instrument :

MSVOA_N

ClientSampleId :

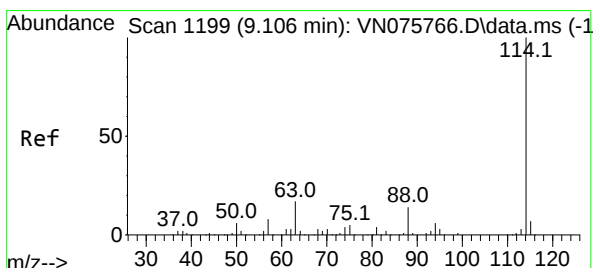
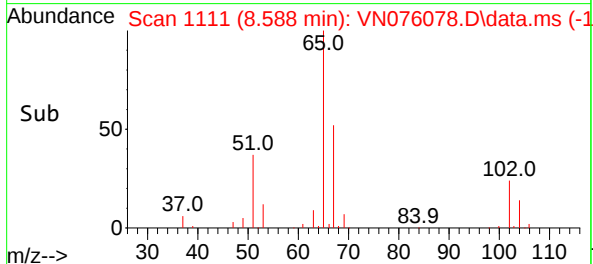
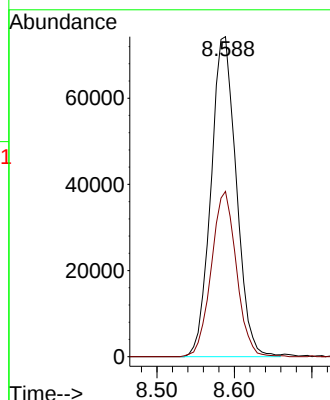
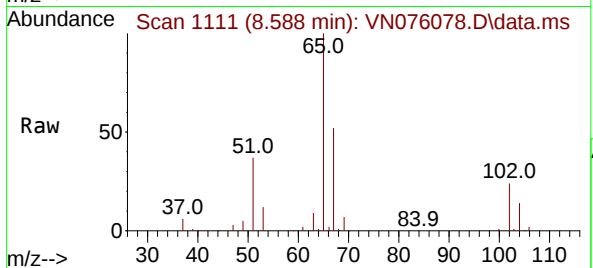
MW-13DL

Tgt Ion: 65 Resp: 168338

Ion Ratio Lower Upper

65 100

67 51.2 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: VN076078.D

Acq: 04 Jan 2023 13:52

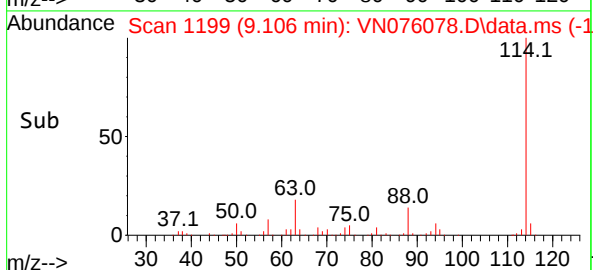
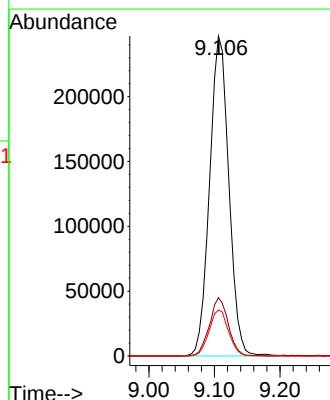
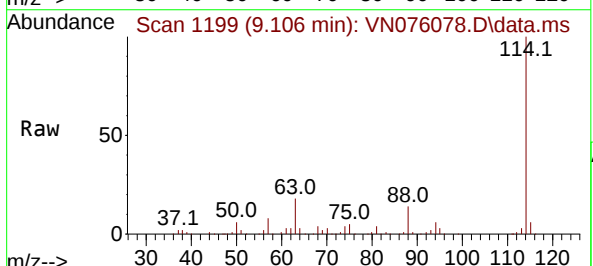
Tgt Ion: 114 Resp: 502923

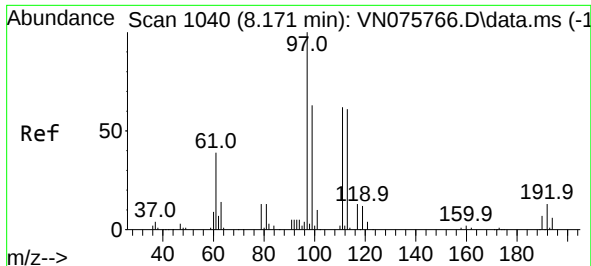
Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.4

88 14.4 0.0 28.8

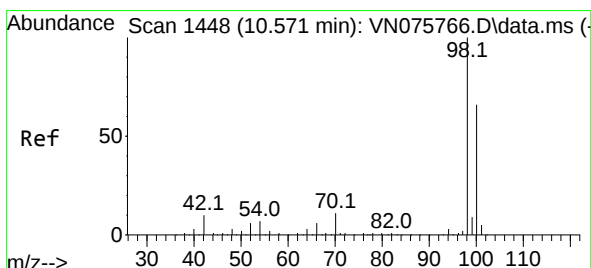
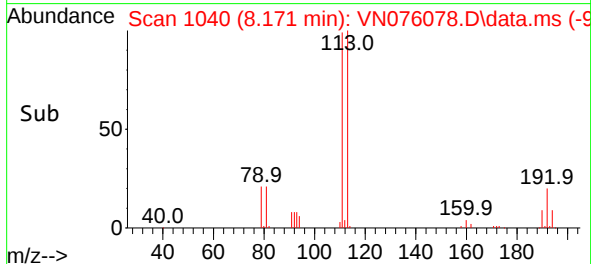
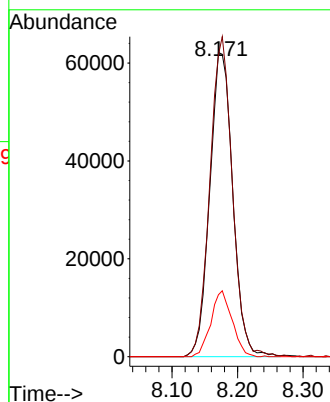
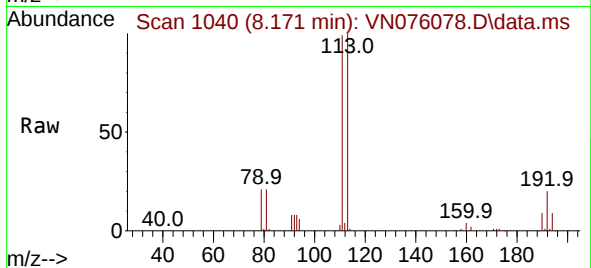




#35
Dibromofluoromethane
Concen: 48.594 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN076078.D
Acq: 04 Jan 2023 13:52

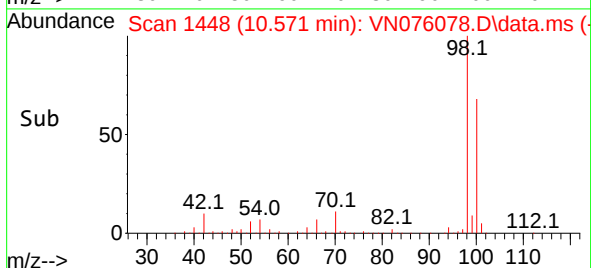
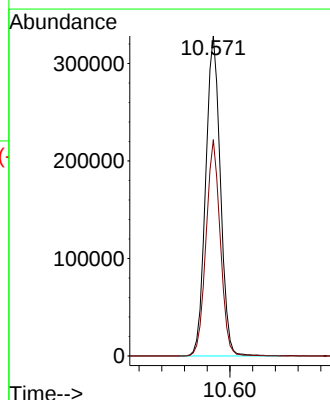
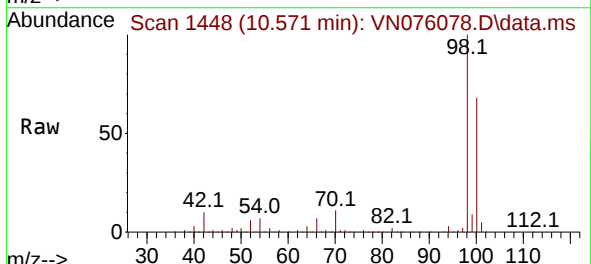
Instrument :
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ClientSampleId :
MW-13DL

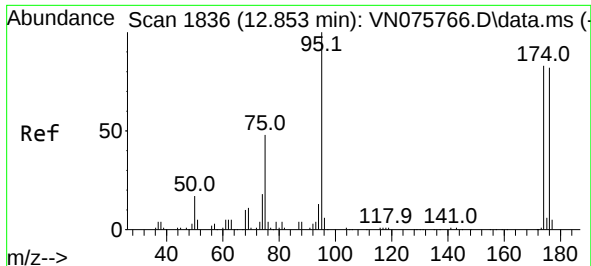
Tgt Ion:113 Resp: 151348
Ion Ratio Lower Upper
113 100
111 102.8 83.4 125.2
192 20.0 16.1 24.1



#50
Toluene-d8
Concen: 50.491 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076078.D
Acq: 04 Jan 2023 13:52

Tgt Ion: 98 Resp: 587956
Ion Ratio Lower Upper
98 100
100 65.4 52.1 78.1

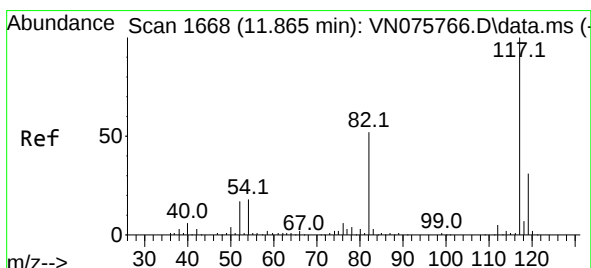
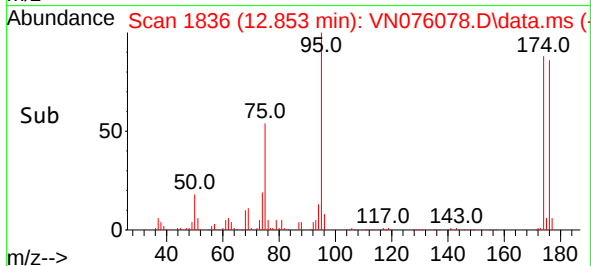
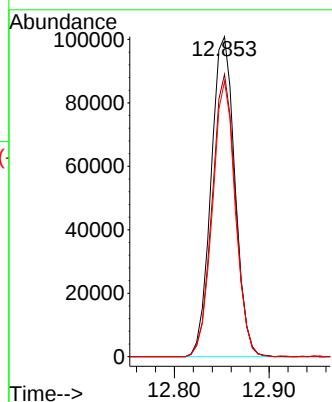
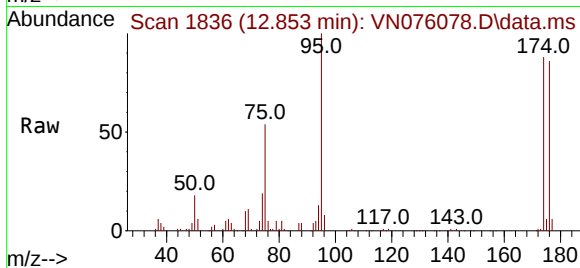




#62
4-Bromofluorobenzene
Concen: 45.754 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076078.D
Acq: 04 Jan 2023 13:52

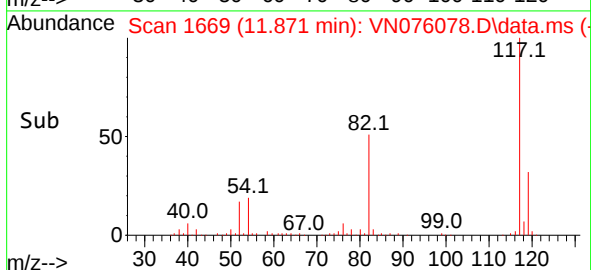
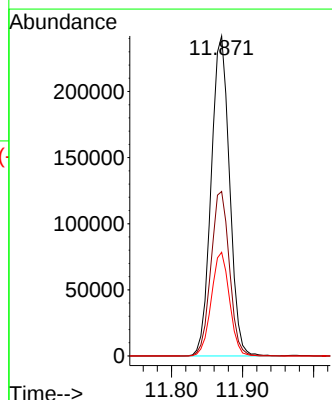
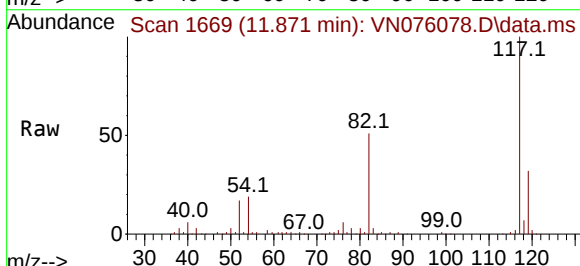
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MW-13DL

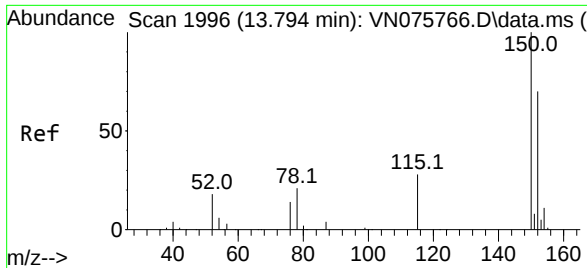
Tgt Ion: 95 Resp: 176468
Ion Ratio Lower Upper
95 100
174 86.6 0.0 171.6
176 82.8 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076078.D
Acq: 04 Jan 2023 13:52

Tgt Ion: 117 Resp: 433490
Ion Ratio Lower Upper
117 100
82 51.4 41.3 61.9
119 32.4 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: VN076078.D

Acq: 04 Jan 2023 13:52

Instrument :

MSVOA_N

ClientSampleId :

MW-13DL

Tgt Ion:152 Resp: 176629

Ion Ratio Lower Upper

152 100

115 57.2 29.1 87.4

150 154.9 0.0 347.0

