

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101323\
 Data File : VN079568.D
 Acq On : 13 Oct 2023 13:25
 Operator : JC\MD
 Sample : 04880-02DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-13-1012DL

Quant Time: Oct 13 23:31:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

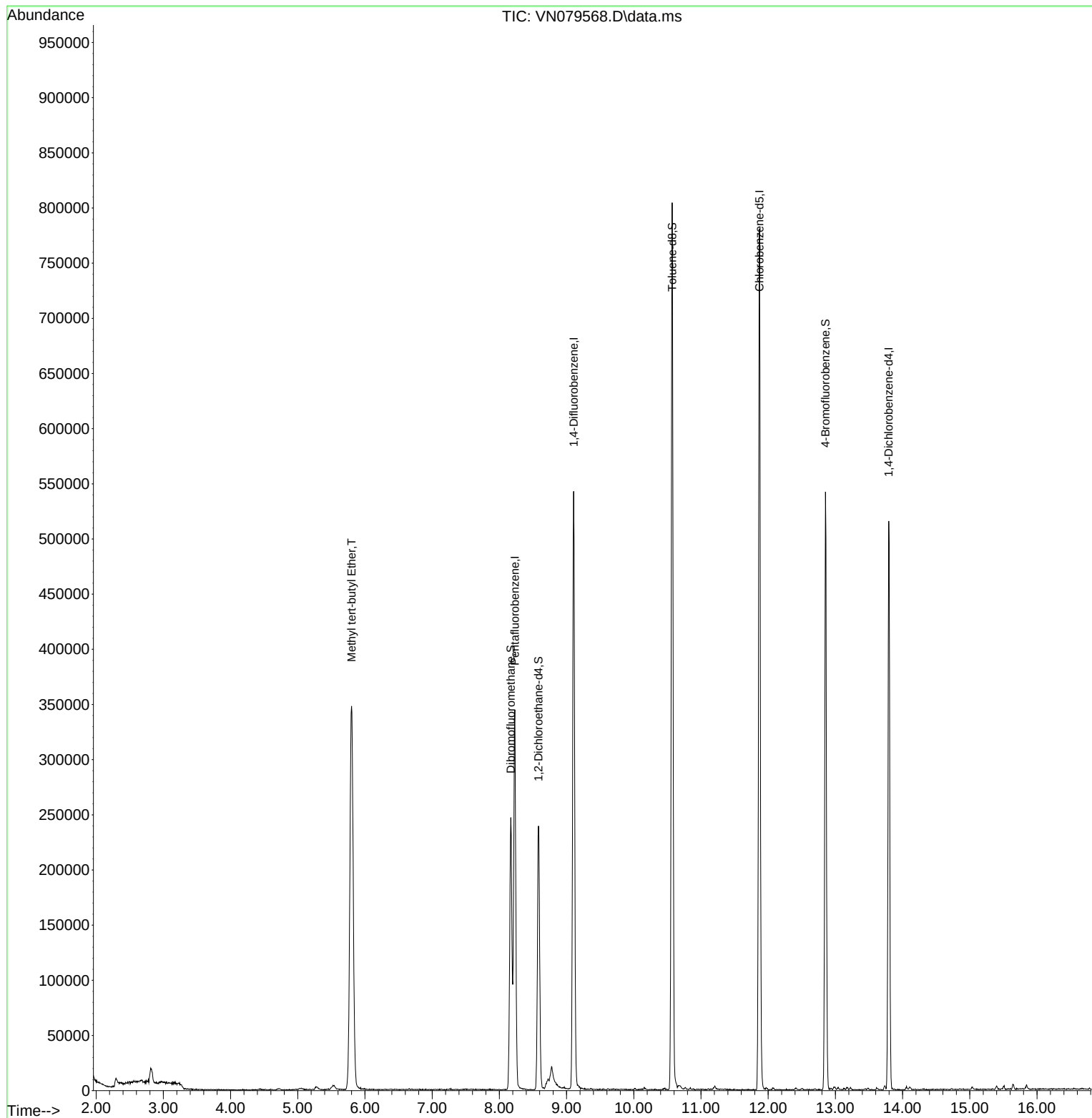
Internal Standards						
1) Pentafluorobenzene	8.229	168	238397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	455224	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	437618	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	136350	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	196202	50.758	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.520%
35) Dibromofluoromethane	8.171	113	174760	53.420	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.840%
50) Toluene-d8	10.570	98	540585	45.669	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.340%
62) 4-Bromofluorobenzene	12.853	95	175842	46.290	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.580%
Target Compounds						Qvalue
19) Methyl tert-butyl Ether	5.800	73	544867	59.536	ug/l	92

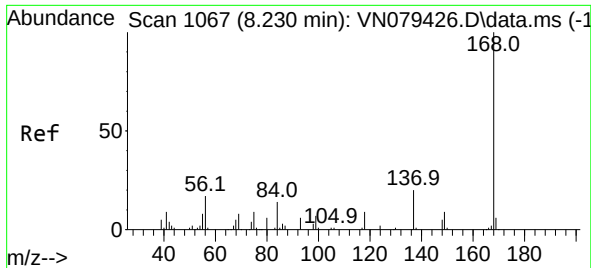
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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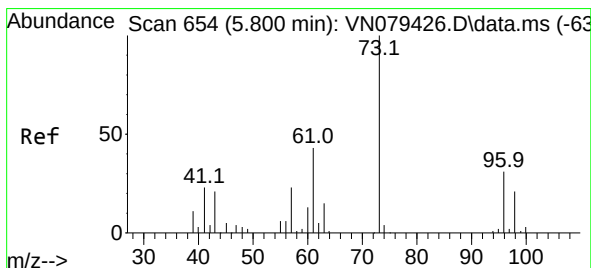
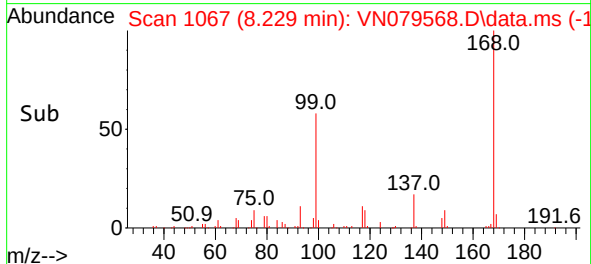
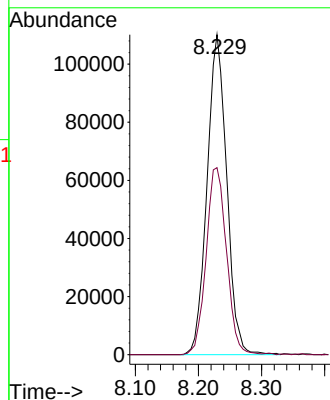
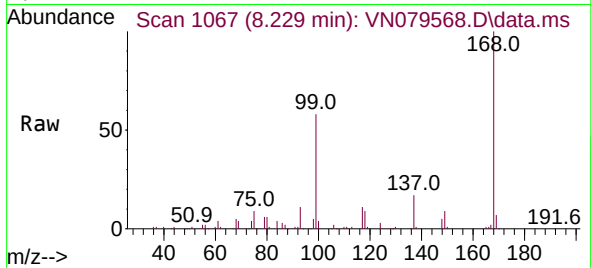




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079568.D
Acq: 13 Oct 2023 13:25

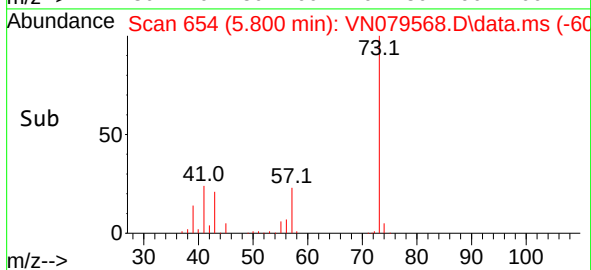
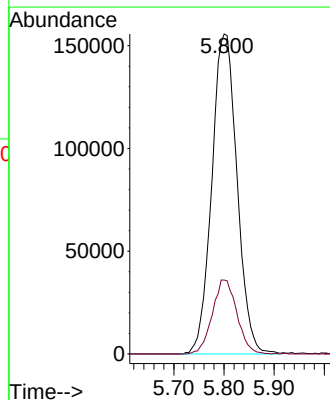
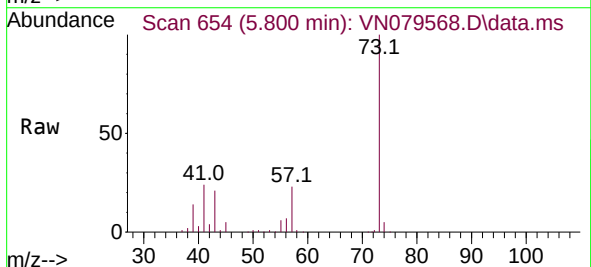
Instrument :
MSVOA_N
ClientSampleId :
MW-13-1012DL

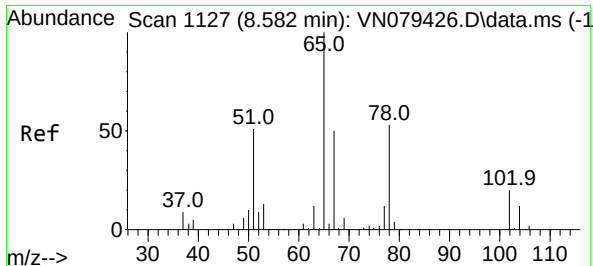
Tgt Ion:168 Resp: 238397
Ion Ratio Lower Upper
168 100
99 58.5 53.0 79.6



#19
Methyl tert-butyl Ether
Concen: 59.536 ug/l
RT: 5.800 min Scan# 654
Delta R.T. -0.000 min
Lab File: VN079568.D
Acq: 13 Oct 2023 13:25

Tgt Ion: 73 Resp: 544867
Ion Ratio Lower Upper
73 100
57 23.1 15.6 23.4





#33

1,2-Dichloroethane-d4

Concen: 50.758 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079568.D

Acq: 13 Oct 2023 13:25

Instrument :

MSVOA_N

ClientSampleId :

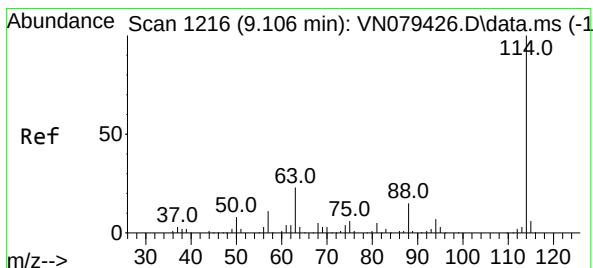
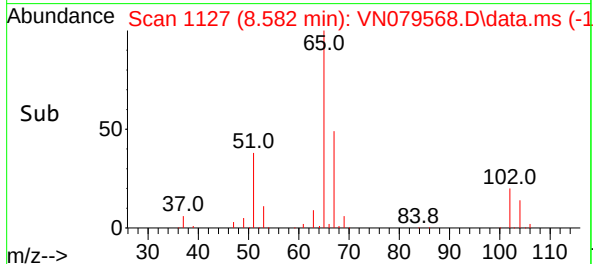
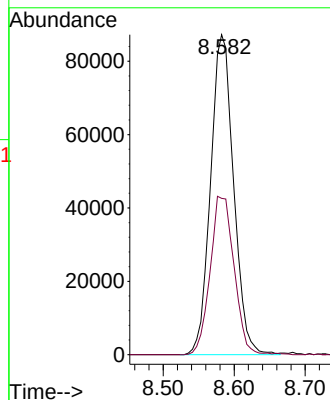
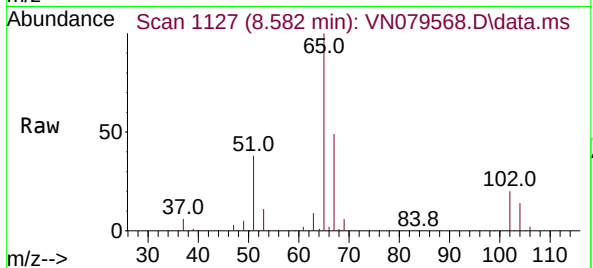
MW-13-1012DL

Tgt Ion: 65 Resp: 196202

Ion Ratio Lower Upper

65 100

67 51.5 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN079568.D

Acq: 13 Oct 2023 13:25

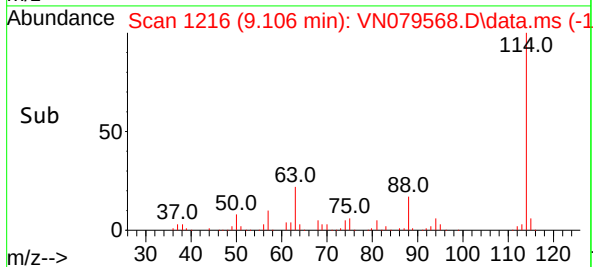
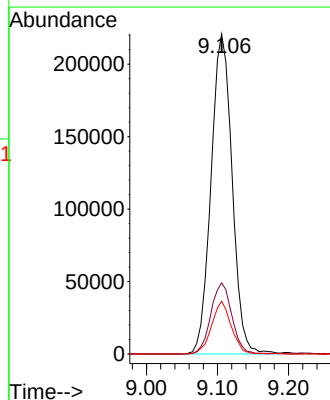
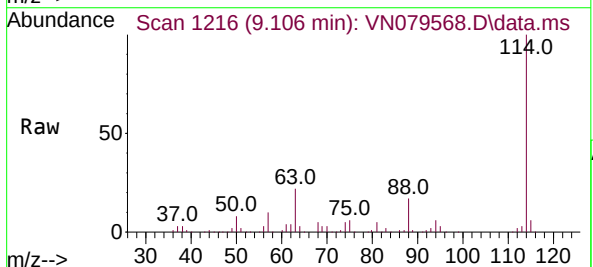
Tgt Ion: 114 Resp: 455224

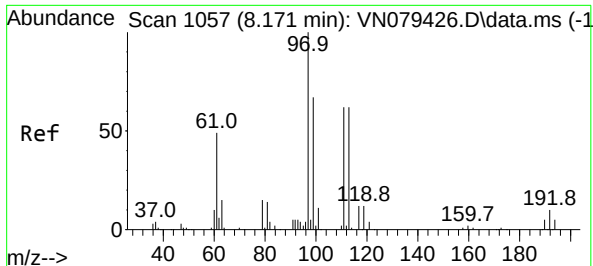
Ion Ratio Lower Upper

114 100

63 22.2 0.0 36.4

88 16.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.420 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079568.D

Acq: 13 Oct 2023 13:25

Instrument :

MSVOA_N

ClientSampleId :

MW-13-1012DL

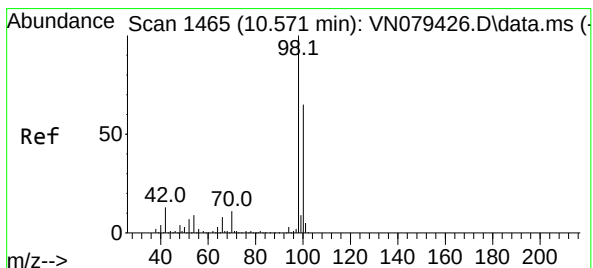
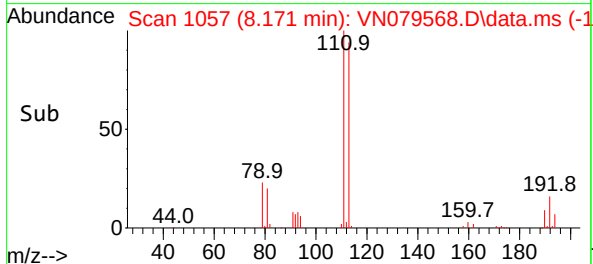
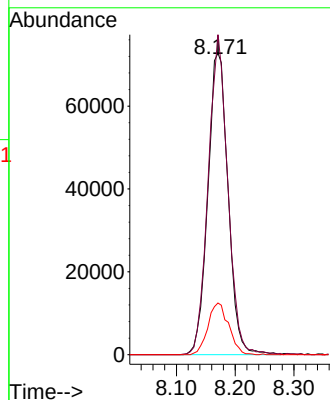
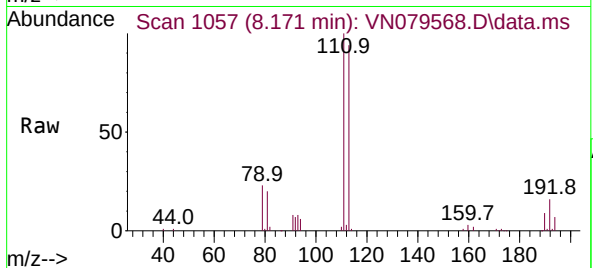
Tgt Ion:113 Resp: 174760

Ion Ratio Lower Upper

113 100

111 102.3 82.6 123.8

192 17.5 12.7 19.1



#50

Toluene-d8

Concen: 45.669 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079568.D

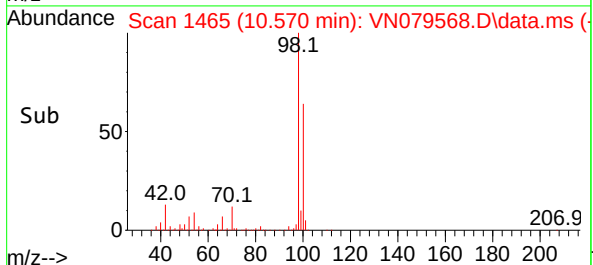
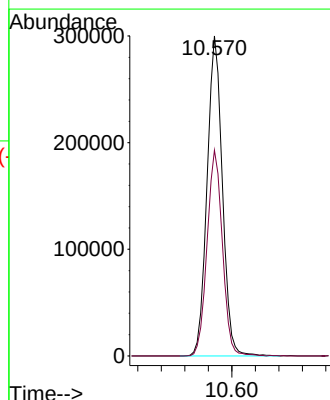
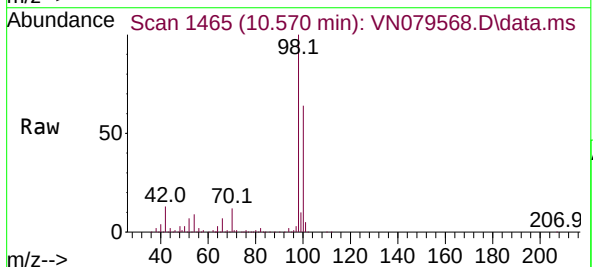
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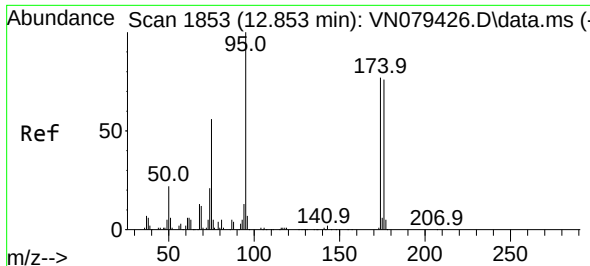
Tgt Ion: 98 Resp: 540585

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0

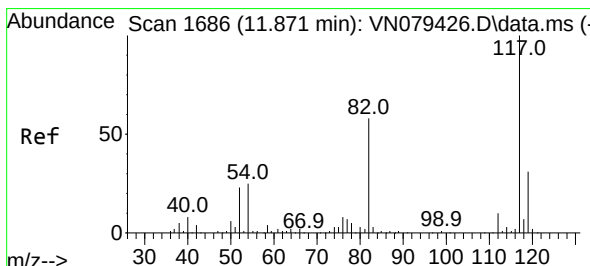
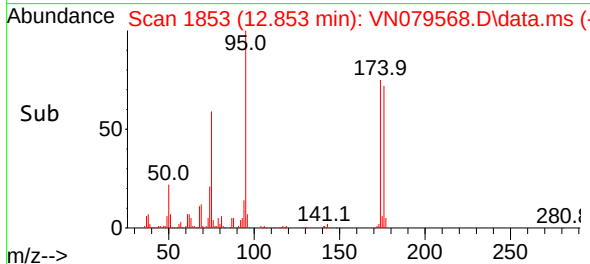
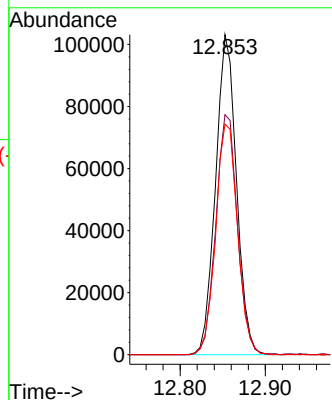
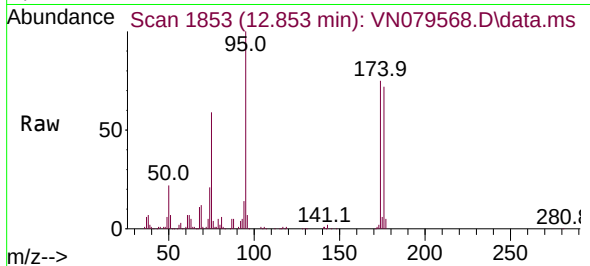




#62
4-Bromofluorobenzene
Concen: 46.290 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079568.D
Acq: 13 Oct 2023 13:25

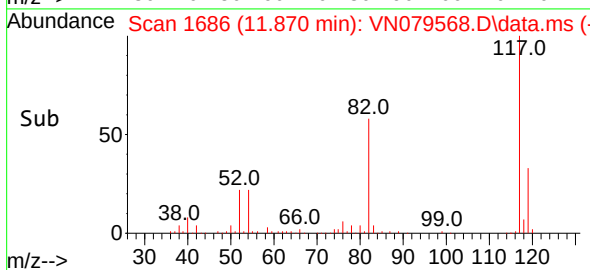
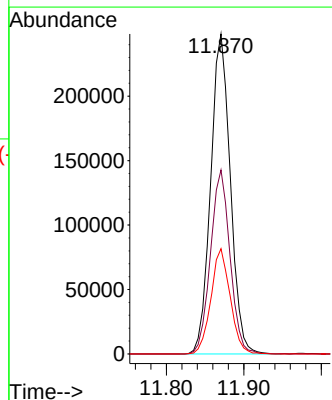
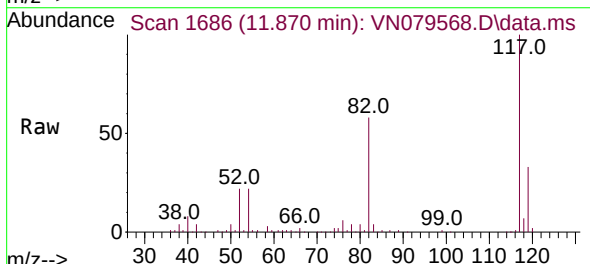
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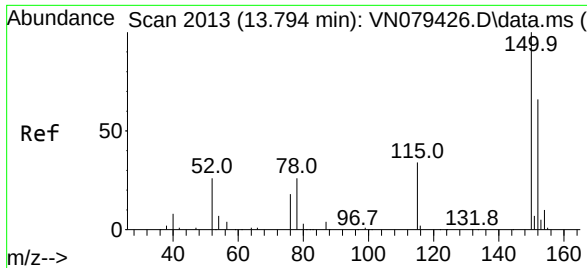
Tgt Ion: 95 Resp: 175842
Ion Ratio Lower Upper
95 100
174 77.5 0.0 143.8
176 75.3 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079568.D
Acq: 13 Oct 2023 13:25

Tgt Ion: 117 Resp: 437618
Ion Ratio Lower Upper
117 100
82 57.5 44.0 66.0
119 32.9 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN079568.D
 Acq: 13 Oct 2023 13:25

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-13-1012DL

Tgt Ion:152 Resp: 136350
 Ion Ratio Lower Upper
 152 100
 115 61.1 32.3 96.8
 150 156.5 0.0 355.8

