

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100923\
 Data File : VN079472.D
 Acq On : 09 Oct 2023 15:11
 Operator : JC\MD
 Sample : 04739-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW13

Quant Time: Oct 09 23:15:48 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)

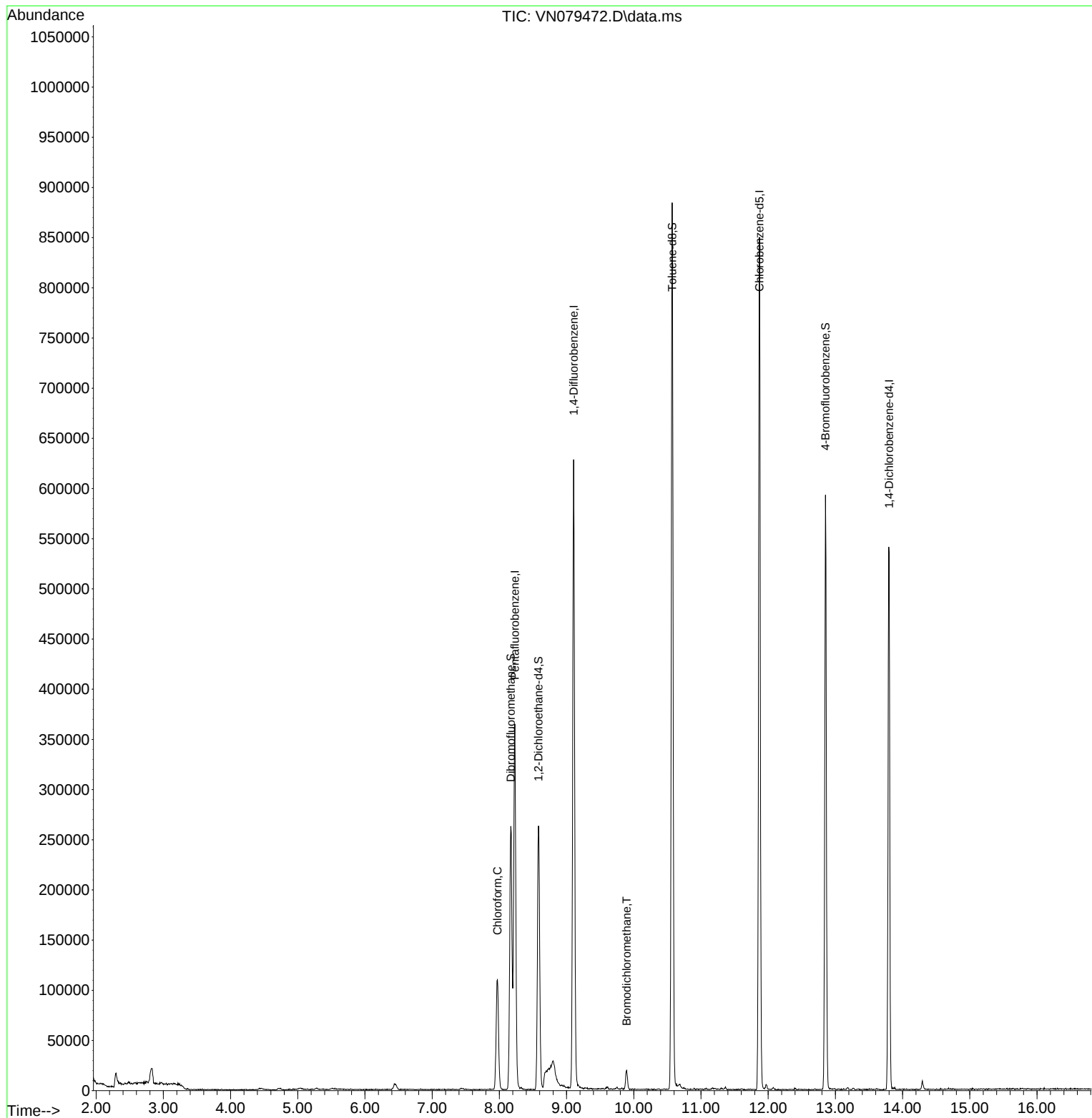
Internal Standards						
1) Pentafluorobenzene	8.230	168	250515	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	507612	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	470292	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	141271	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	217285	53.493	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.980%			
35) Dibromofluoromethane	8.171	113	187678	51.448	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.900%			
50) Toluene-d8	10.571	98	590441	44.733	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 89.460%			
62) 4-Bromofluorobenzene	12.853	95	189419	44.718	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.440%			
Target Compounds						Qvalue
30) Chloroform	7.971	83	107023	16.159	ug/l	92
47) Bromodichloromethane	9.894	83	12955	2.270	ug/l	91

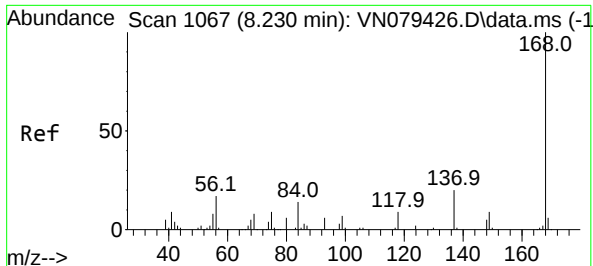
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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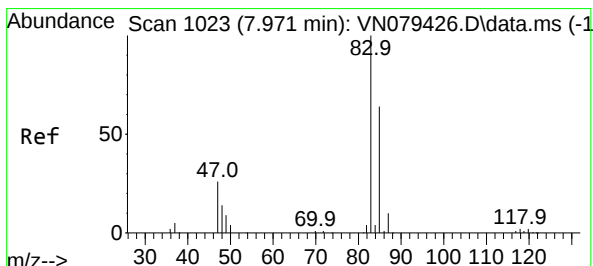
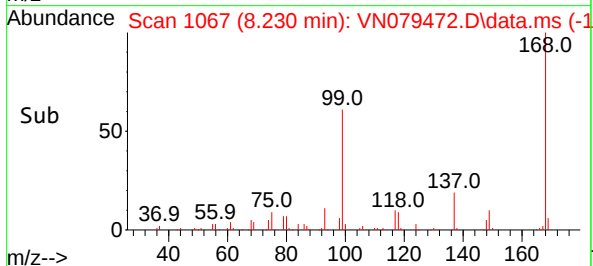
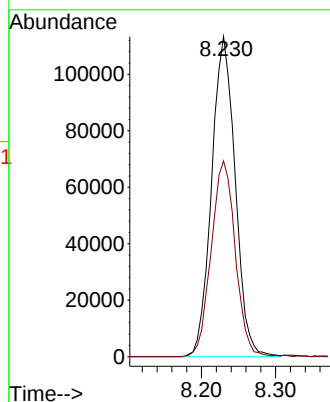
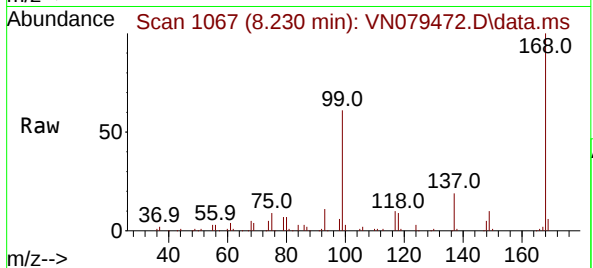




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079472.D
Acq: 09 Oct 2023 15:11

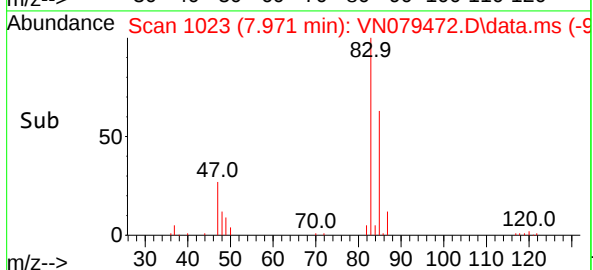
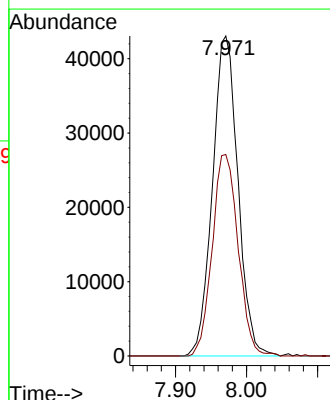
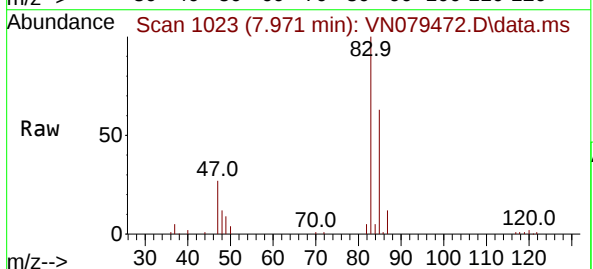
Instrument :
MSVOA_N
ClientSampleId :
MW13

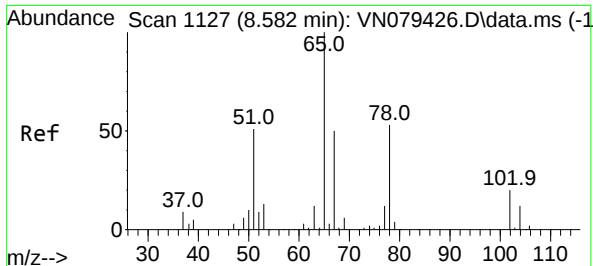
Tgt Ion:168 Resp: 250515
Ion Ratio Lower Upper
168 100
99 61.2 53.0 79.6



#30
Chloroform
Concen: 16.159 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN079472.D
Acq: 09 Oct 2023 15:11

Tgt Ion: 83 Resp: 107023
Ion Ratio Lower Upper
83 100
85 63.0 55.4 83.0





#33

1,2-Dichloroethane-d4

Concen: 53.493 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079472.D

Acq: 09 Oct 2023 15:11

Instrument :

MSVOA_N

ClientSampleId :

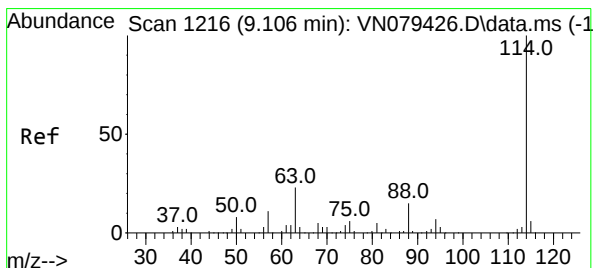
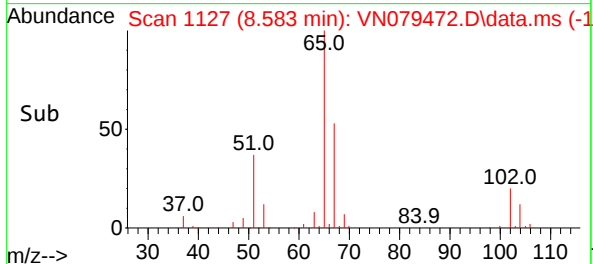
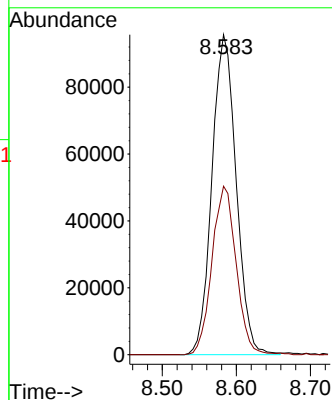
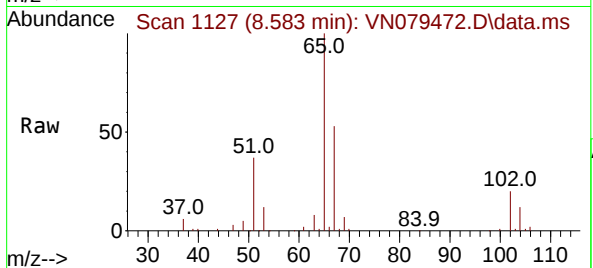
MW13

Tgt Ion: 65 Resp: 217285

Ion Ratio Lower Upper

65 100

67 52.4 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: VN079472.D

Acq: 09 Oct 2023 15:11

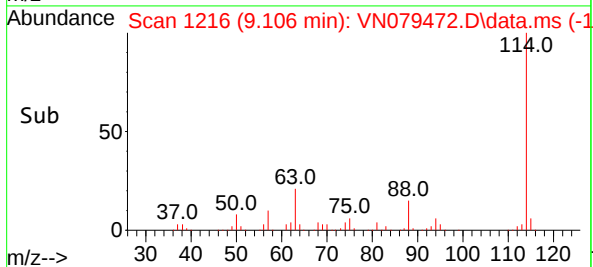
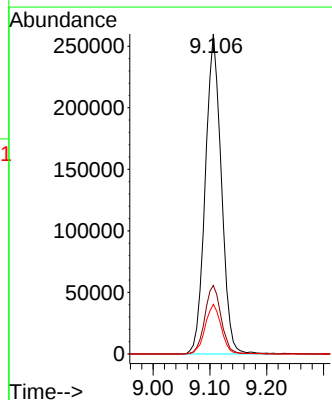
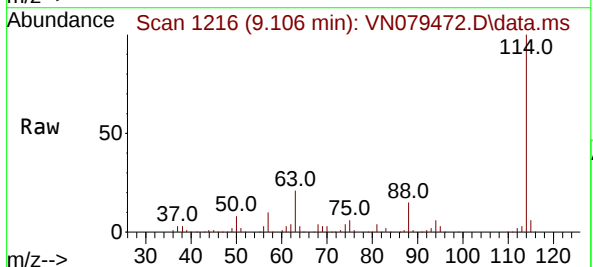
Tgt Ion: 114 Resp: 507612

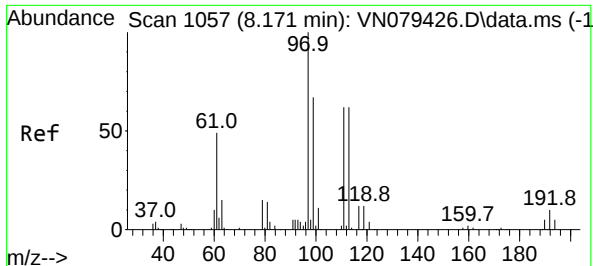
Ion Ratio Lower Upper

114 100

63 21.4 0.0 36.4

88 15.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.448 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079472.D

Acq: 09 Oct 2023 15:11

Instrument :

MSVOA_N

ClientSampleId :

MW13

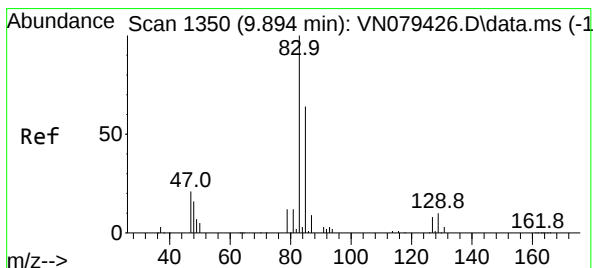
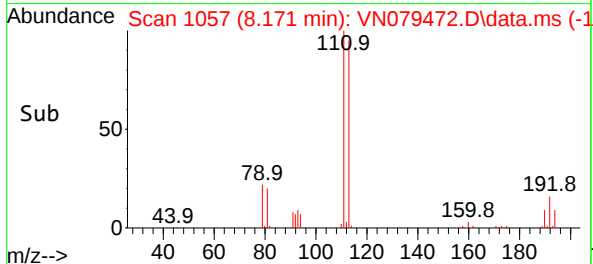
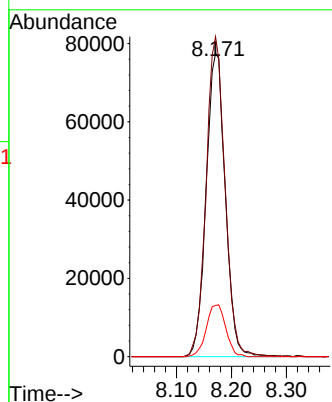
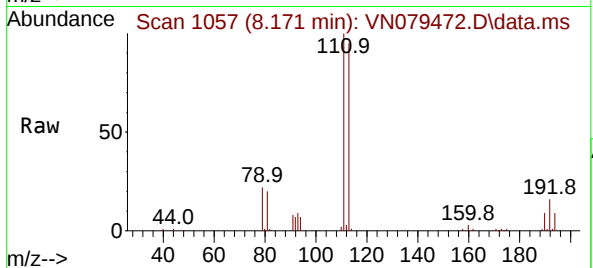
Tgt Ion:113 Resp: 187678

Ion Ratio Lower Upper

113 100

111 103.8 82.6 123.8

192 17.4 12.7 19.1



#47

Bromodichloromethane

Concen: 2.270 ug/l

RT: 9.894 min Scan# 1350

Delta R.T. 0.000 min

Lab File: VN079472.D

Acq: 09 Oct 2023 15:11

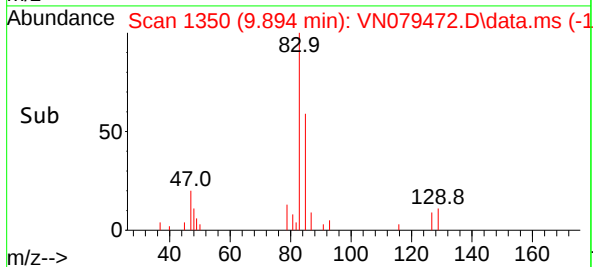
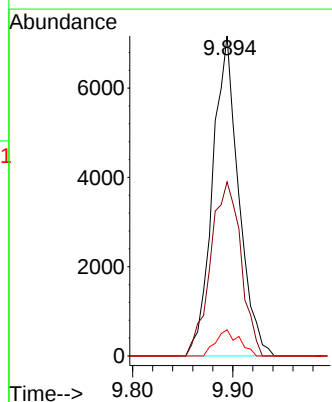
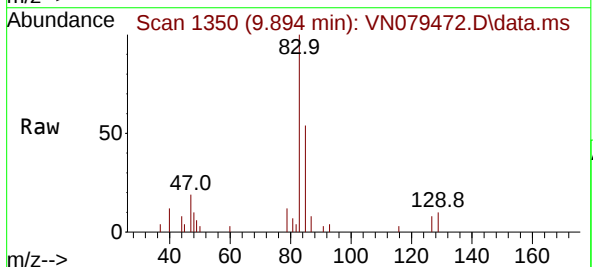
Tgt Ion: 83 Resp: 12955

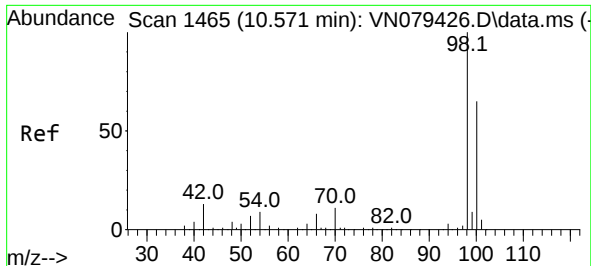
Ion Ratio Lower Upper

83 100

85 54.4 49.6 74.4

127 8.2 7.0 10.6

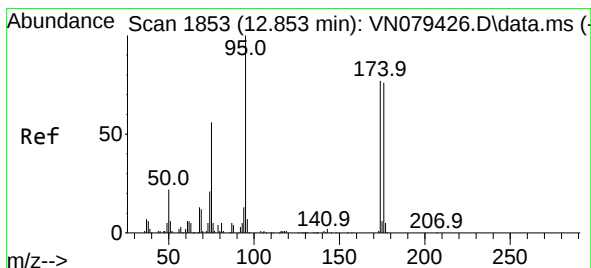
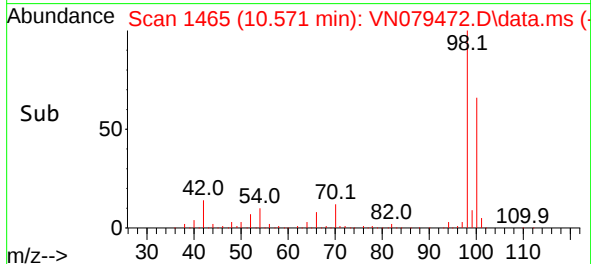
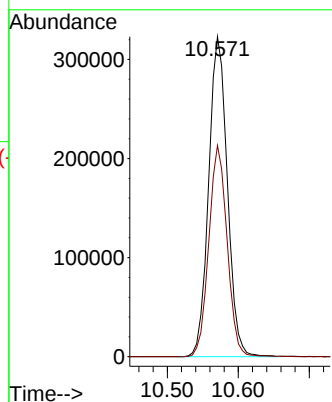
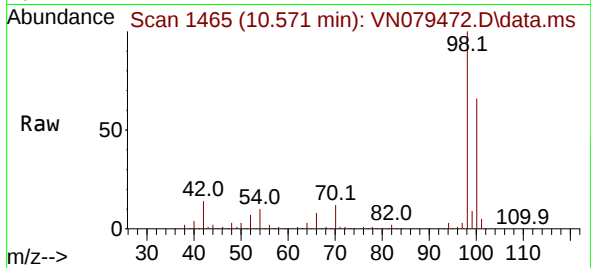




#50
Toluene-d8
Concen: 44.733 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079472.D
Acq: 09 Oct 2023 15:11

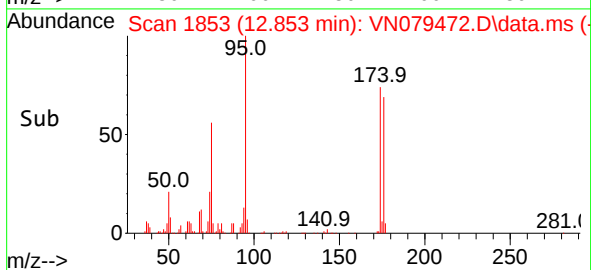
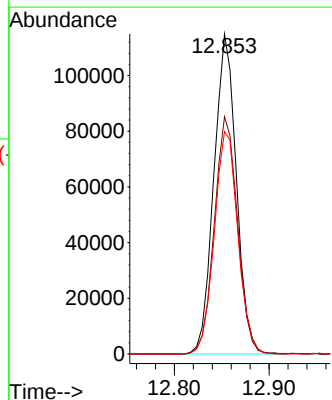
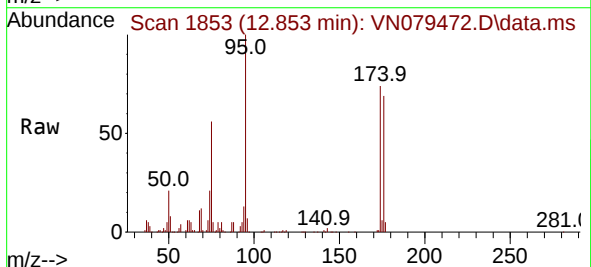
Instrument :
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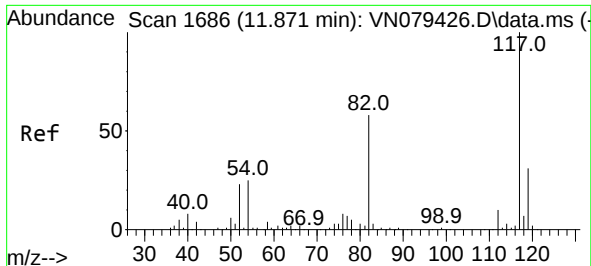
Tgt Ion: 98 Resp: 590441
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.718 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079472.D
Acq: 09 Oct 2023 15:11

Tgt Ion: 95 Resp: 189419
Ion Ratio Lower Upper
95 100
174 76.7 0.0 143.8
176 72.9 0.0 135.8

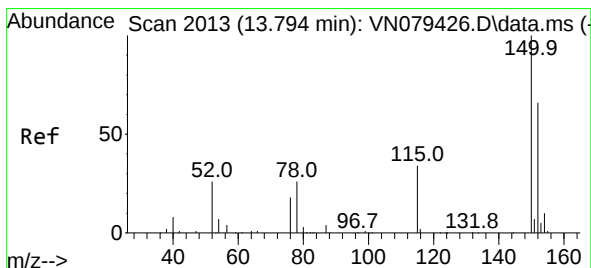
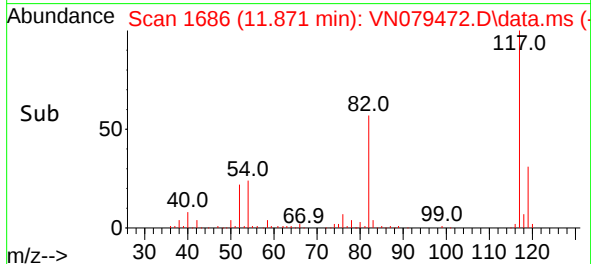
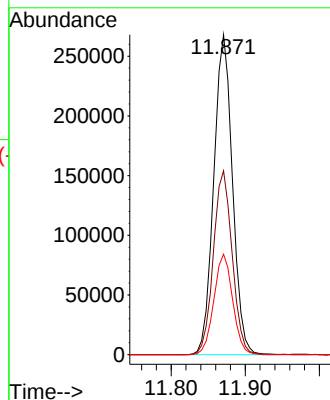
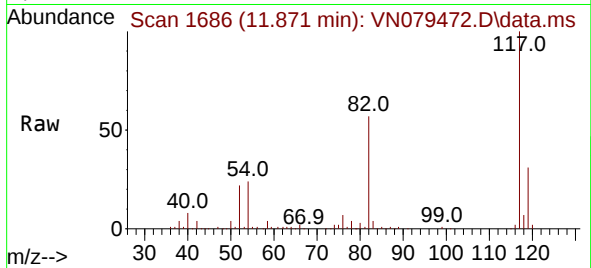




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079472.D
Acq: 09 Oct 2023 15:11

Instrument :
MSVOA_N
ClientSampleId :
MW13

Tgt Ion:117 Resp: 470292
Ion Ratio Lower Upper
117 100
82 57.4 44.0 66.0
119 31.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.006 min
Lab File: VN079472.D
Acq: 09 Oct 2023 15:11

Tgt Ion:152 Resp: 141271
Ion Ratio Lower Upper
152 100
115 62.2 32.3 96.8
150 157.4 0.0 355.8

