

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100923\
 Data File : VN079478.D
 Acq On : 09 Oct 2023 17:36
 Operator : JC\MD
 Sample : 04740-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW4

Quant Time: Oct 09 23:18:23 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)

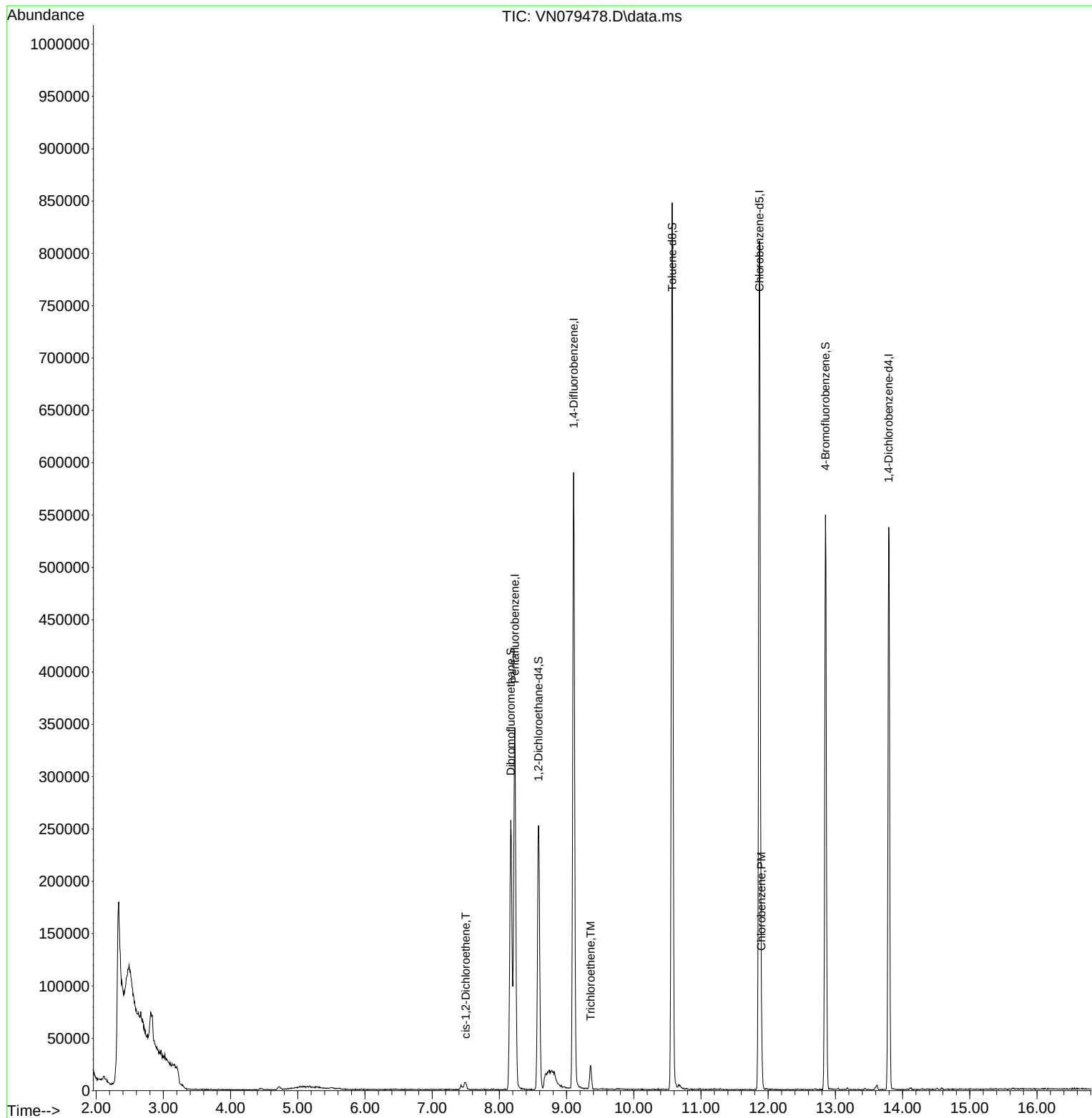
Internal Standards						
1) Pentafluorobenzene	8.230	168	242185	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	478908	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	446352	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	137692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	209517	53.355	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.720%	
35) Dibromofluoromethane	8.171	113	182595	53.055	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.120%	
50) Toluene-d8	10.571	98	570846	45.841	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 91.680%	
62) 4-Bromofluorobenzene	12.853	95	185202	46.343	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.680%	
Target Compounds						
					Qvalue	
27) cis-1,2-Dichloroethene	7.500	96	4357	1.200	ug/l	98
44) Trichloroethene	9.359	130	7426	2.057	ug/l	89
65) Chlorobenzene	11.900	112	31521	3.171	ug/l	100

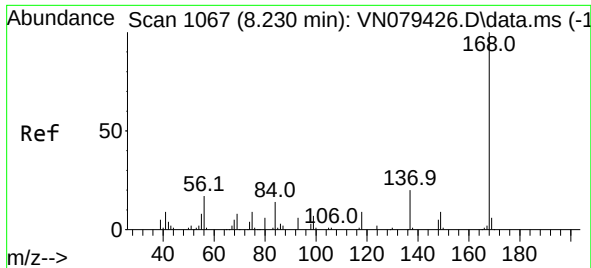
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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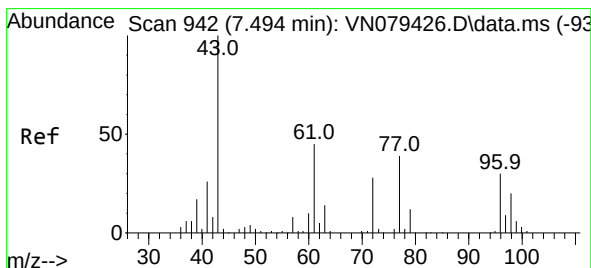
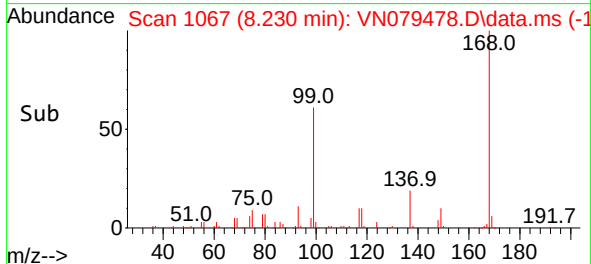
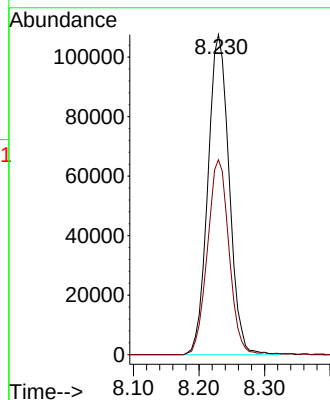
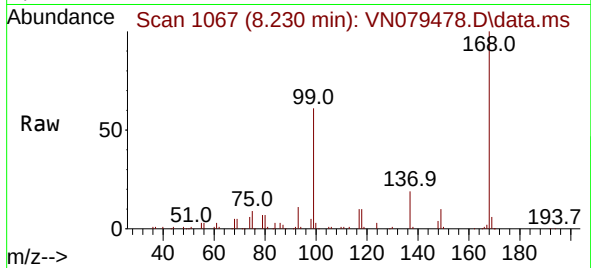




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079478.D
Acq: 09 Oct 2023 17:36

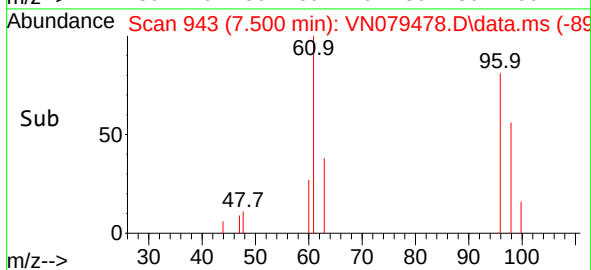
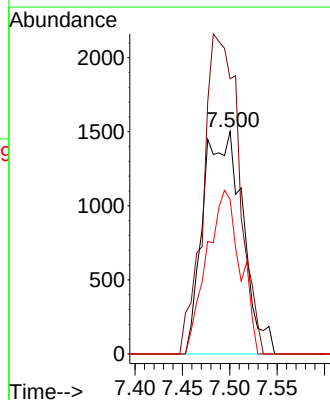
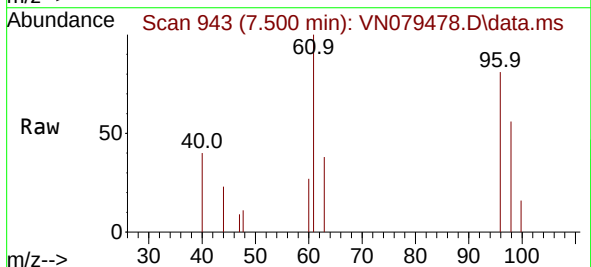
Instrument :
MSVOA_N
ClientSampleId :
MW4

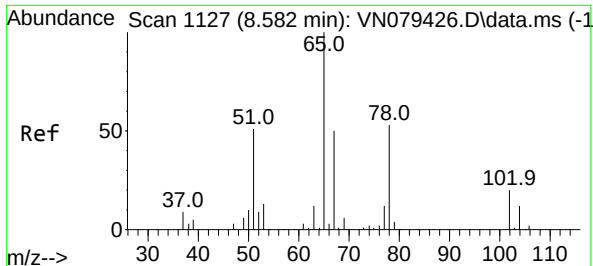
Tgt Ion:168 Resp: 242185
Ion Ratio Lower Upper
168 100
99 60.9 53.0 79.6



#27
cis-1,2-Dichloroethene
Concen: 1.200 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN079478.D
Acq: 09 Oct 2023 17:36

Tgt Ion: 96 Resp: 4357
Ion Ratio Lower Upper
96 100
61 129.7 0.0 255.2
98 62.4 0.0 128.8





#33

1,2-Dichloroethane-d4

Concen: 53.355 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079478.D

Acq: 09 Oct 2023 17:36

Instrument :

MSVOA_N

ClientSampleId :

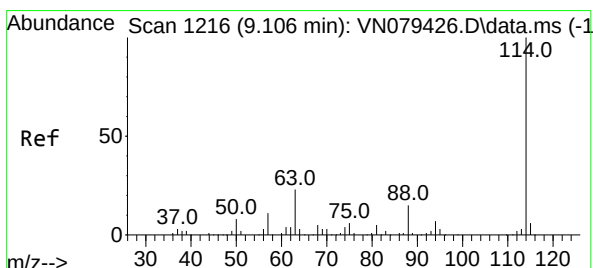
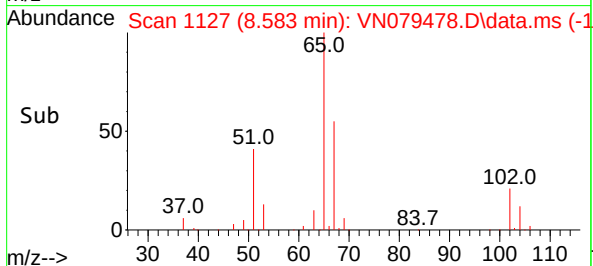
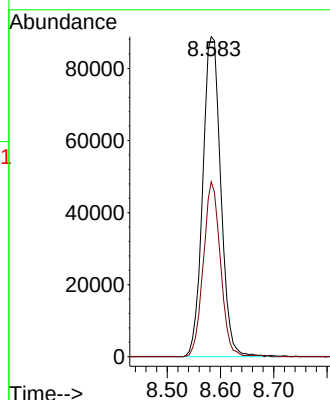
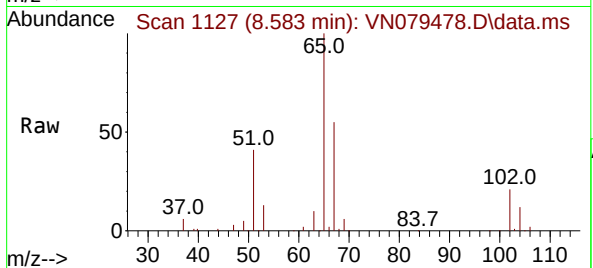
MW4

Tgt Ion: 65 Resp: 209517

Ion Ratio Lower Upper

65 100

67 51.7 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: VN079478.D

Acq: 09 Oct 2023 17:36

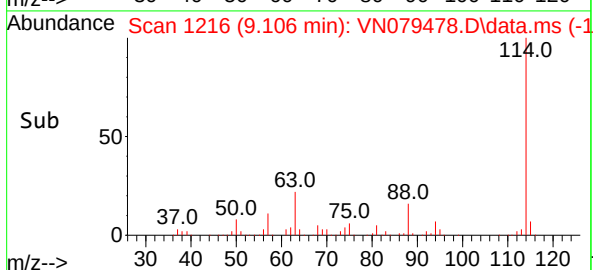
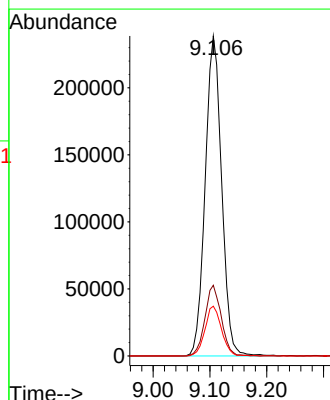
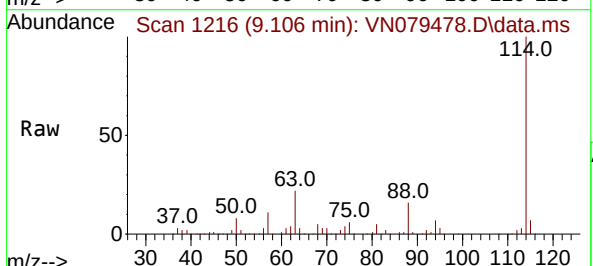
Tgt Ion: 114 Resp: 478908

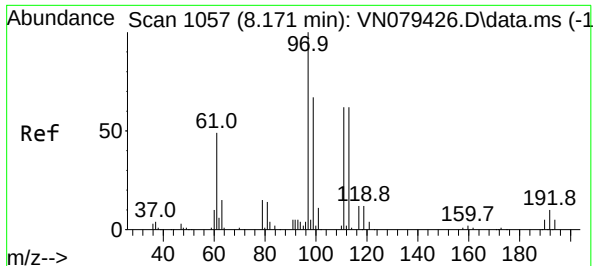
Ion Ratio Lower Upper

114 100

63 22.1 0.0 36.4

88 15.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.055 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079478.D

Acq: 09 Oct 2023 17:36

Instrument :

MSVOA_N

ClientSampleId :

MW4

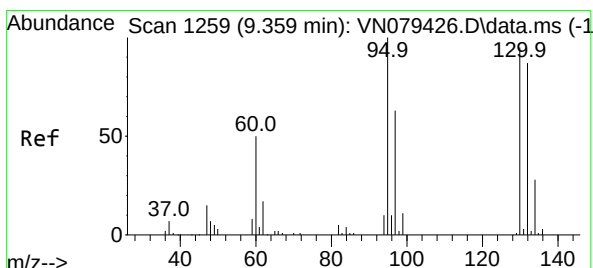
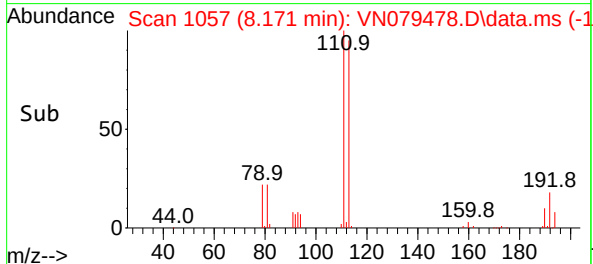
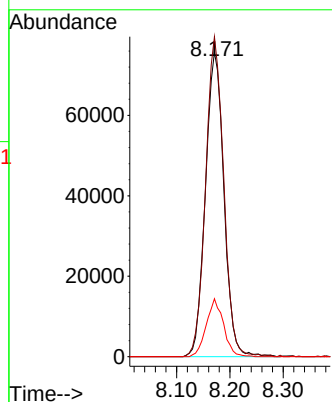
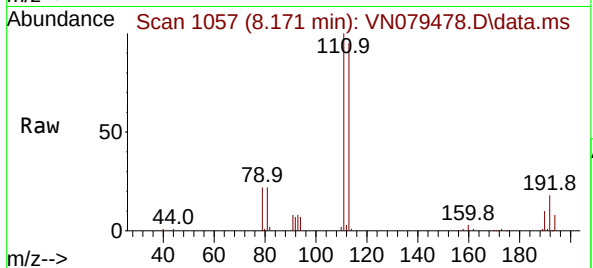
Tgt Ion:113 Resp: 182595

Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

192 17.8 12.7 19.1



#44

Trichloroethene

Concen: 2.057 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VN079478.D

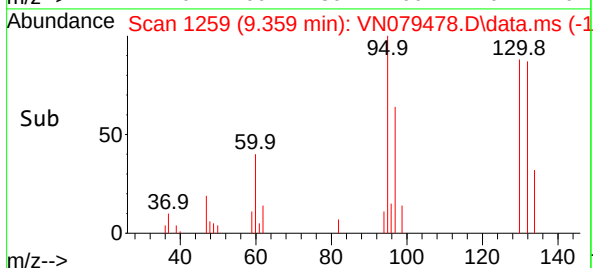
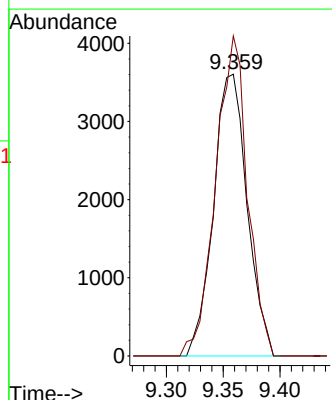
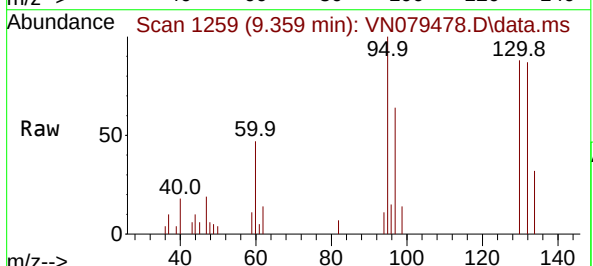
Acq: 09 Oct 2023 17:36

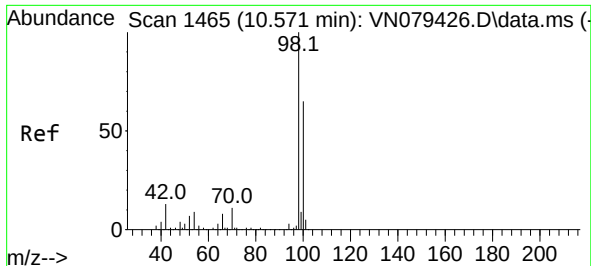
Tgt Ion:130 Resp: 7426

Ion Ratio Lower Upper

130 100

95 113.6 0.0 204.6

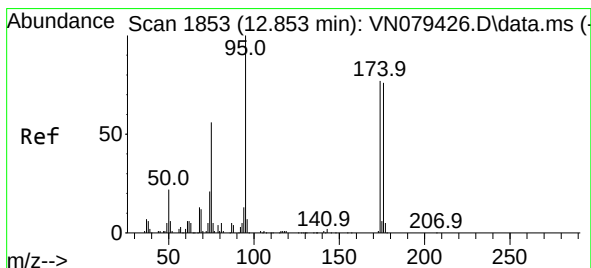
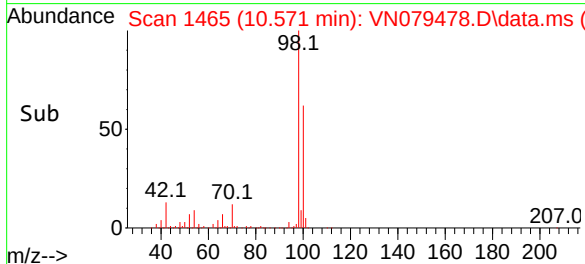
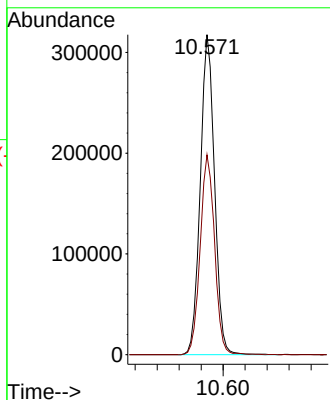
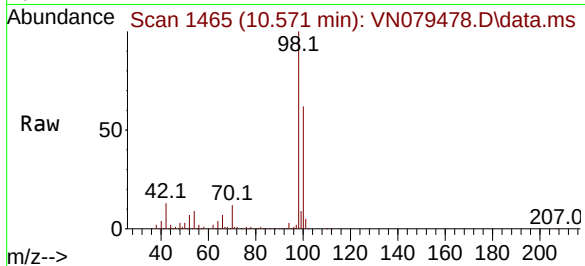




#50
Toluene-d8
Concen: 45.841 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079478.D
Acq: 09 Oct 2023 17:36

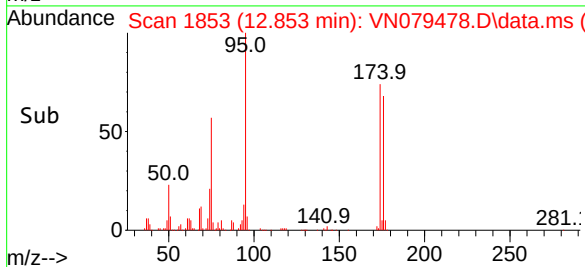
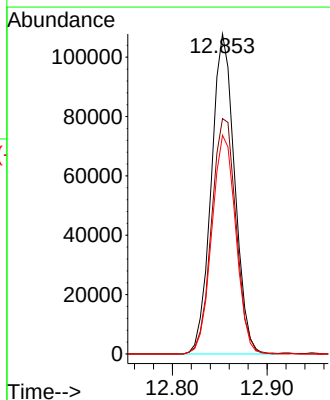
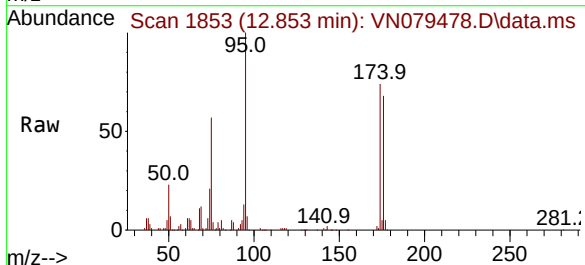
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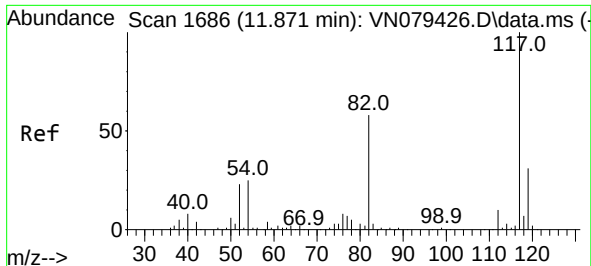
Tgt Ion: 98 Resp: 570846
Ion Ratio Lower Upper
98 100
100 63.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.343 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079478.D
Acq: 09 Oct 2023 17:36

Tgt Ion: 95 Resp: 185202
Ion Ratio Lower Upper
95 100
174 77.1 0.0 143.8
176 70.2 0.0 135.8

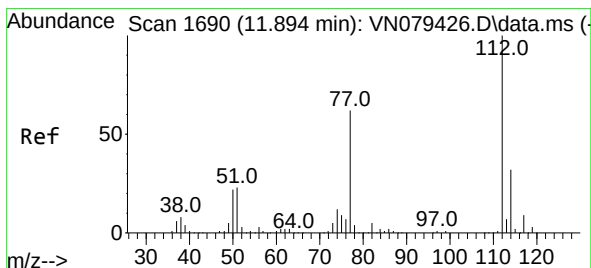
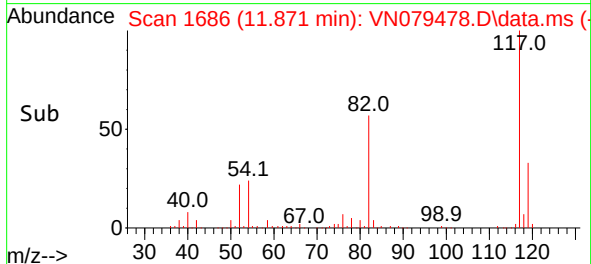
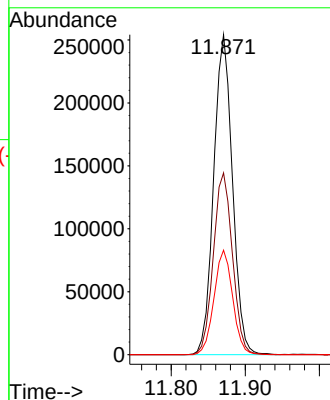
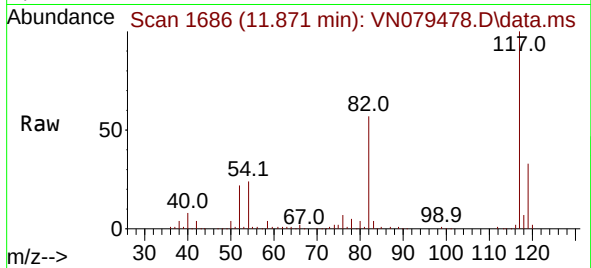




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079478.D
Acq: 09 Oct 2023 17:36

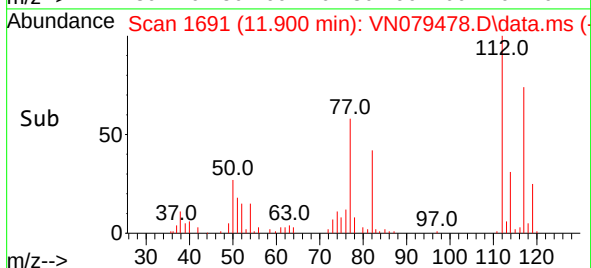
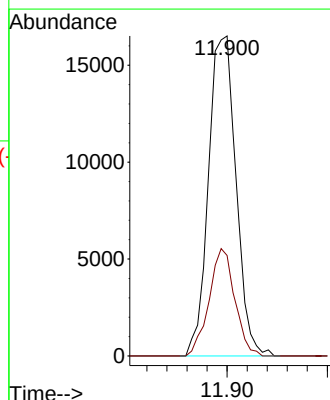
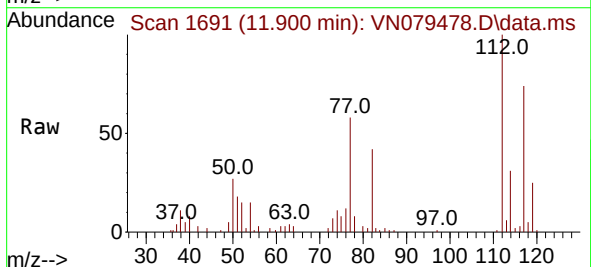
Instrument :
MSVOA_N
ClientSampleId :
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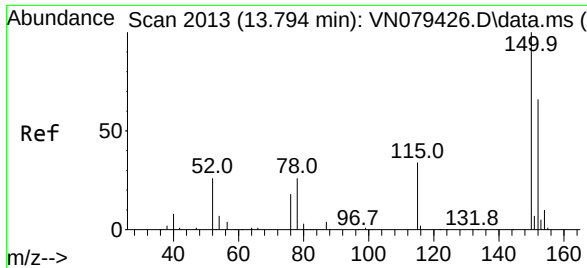
Tgt Ion:117 Resp: 446352
Ion Ratio Lower Upper
117 100
82 56.8 44.0 66.0
119 32.7 25.6 38.4



#65
Chlorobenzene
Concen: 3.171 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.006 min
Lab File: VN079478.D
Acq: 09 Oct 2023 17:36

Tgt Ion:112 Resp: 31521
Ion Ratio Lower Upper
112 100
114 31.4 25.0 37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079478.D
 Acq: 09 Oct 2023 17:36

Instrument :
 MSVOA_N
 ClientSampleId :
 MW4

Tgt Ion:152 Resp: 137692
 Ion Ratio Lower Upper
 152 100
 115 64.1 32.3 96.8
 150 160.5 0.0 355.8

