

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
 Data File : VN076939.D
 Acq On : 10 Mar 2023 21:14
 Operator : JC\MD
 Sample : 01870-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RAW-WATER

Quant Time: Mar 13 01:25:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

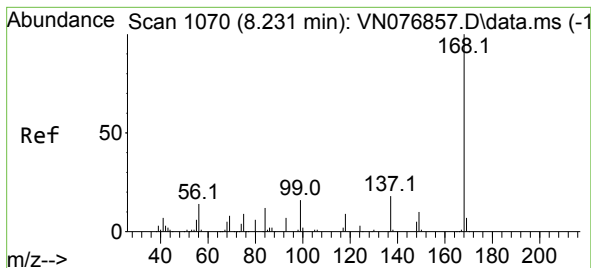
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.231	168	426439	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	702250	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	624466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	261577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	310559	48.802	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.600%
35) Dibromofluoromethane	8.172	113	223941	47.848	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.700%
50) Toluene-d8	10.572	98	838635	48.619	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.240%
62) 4-Bromofluorobenzene	12.854	95	296802	47.043	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.080%
Target Compounds						
					Qvalue	
16) Acetone	4.449	43	3359	1.523	ug/l #	78
31) Cyclohexane	8.231	56	9831	1.077	ug/l #	24
36) 1,1-Dichloropropene	8.237	75	35927	4.963	ug/l #	50
38) Carbon Tetrachloride	8.231	117	49427	5.834	ug/l #	16
51) 4-Methyl-2-Pentanone	10.566	43	3681	0.600	ug/l #	1
71) Bromoform	12.854	173	1797	0.455	ug/l #	1
76) 1,2,3-Trichloropropane	12.854	75	166040	26.182	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	166040	85.523	ug/l #	15

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

Quant Time: Mar 13 01:25:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.231 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076939.D

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ClientSampleId :

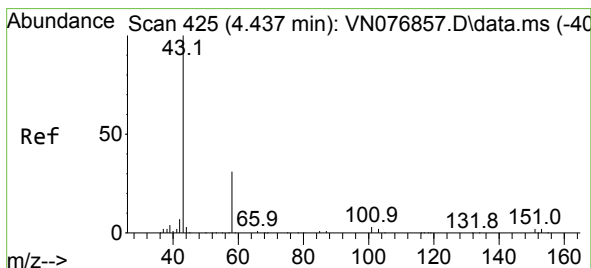
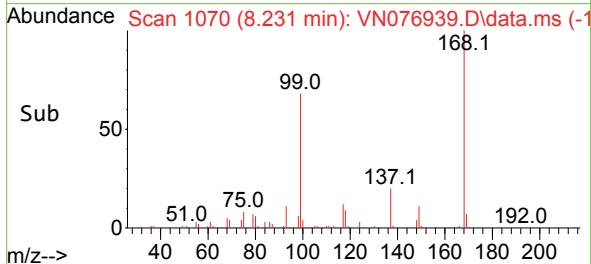
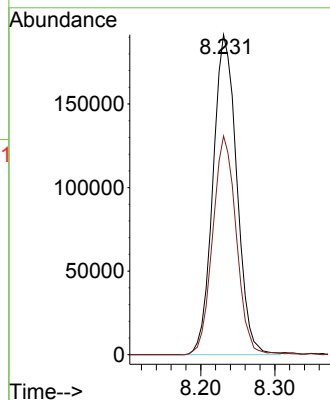
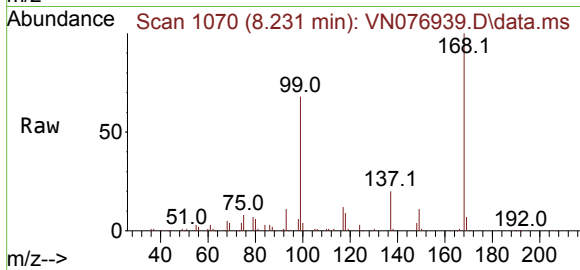
RAW-WATER

Tgt Ion:168 Resp: 426439

Ion Ratio Lower Upper

168 100

99 68.4 48.6 73.0



#16

Acetone

Concen: 1.523 ug/l

RT: 4.449 min Scan# 427

Delta R.T. 0.012 min

Lab File: VN076939.D

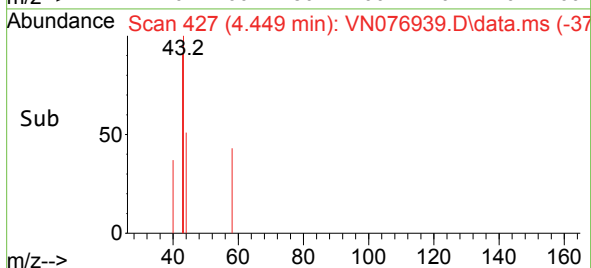
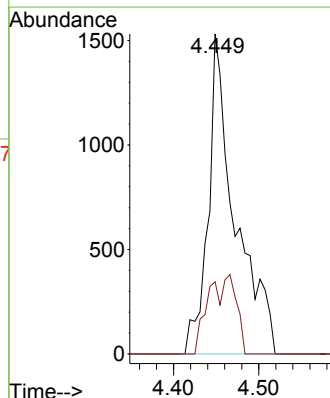
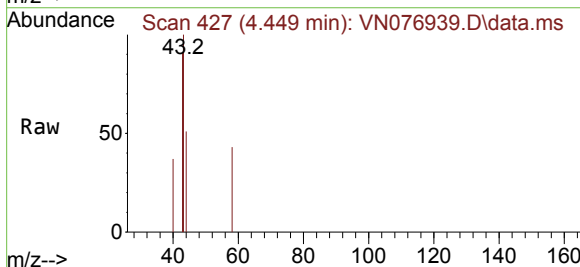
Acq: 10 Mar 2023 21:14

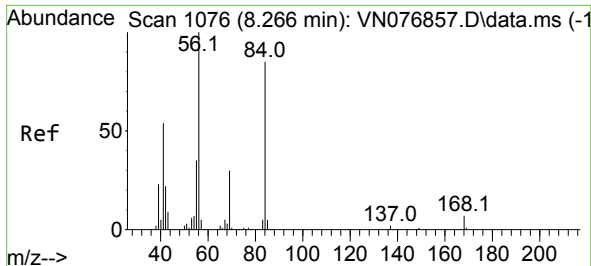
Tgt Ion: 43 Resp: 3359

Ion Ratio Lower Upper

43 100

58 22.5 28.2 42.2#

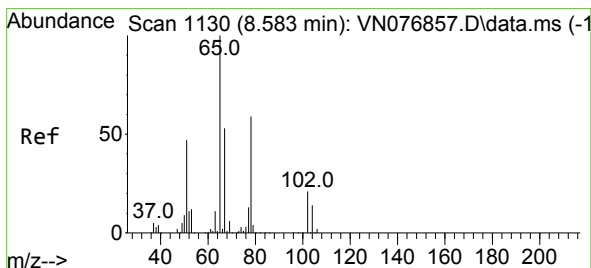
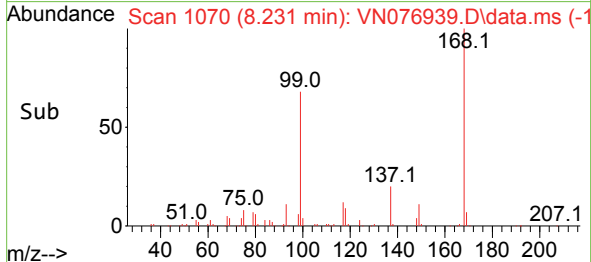
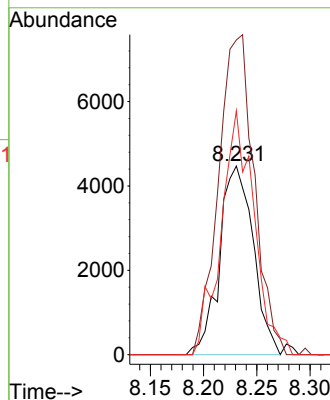
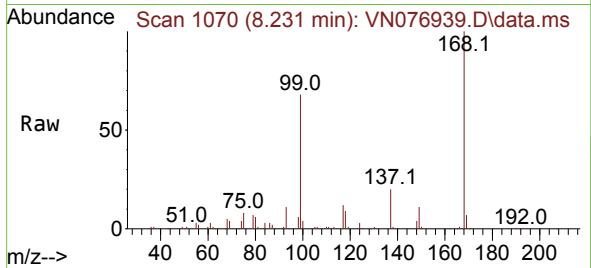




#31
Cyclohexane
Concen: 1.077 ug/l
RT: 8.231 min Scan# 1076
Delta R.T. -0.035 min
Lab File: VN076939.D
Acq: 10 Mar 2023 21:14

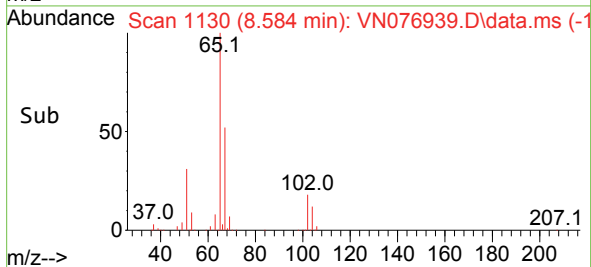
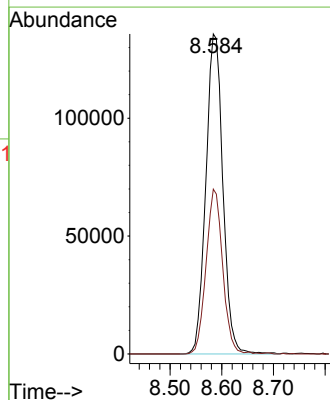
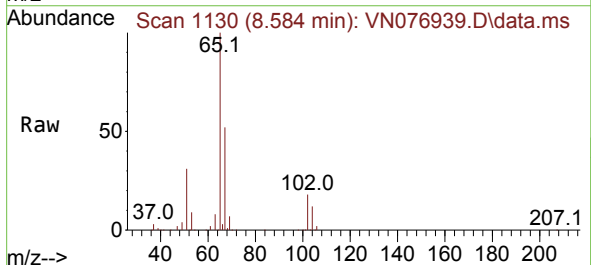
Instrument :
MSVOA_N
ClientSampleId :
RAW-WATER

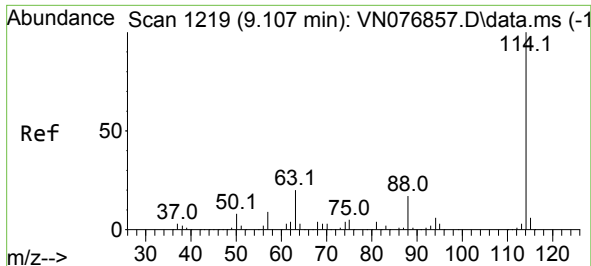
Tgt Ion: 56 Resp: 9831
Ion Ratio Lower Upper
56 100
69 166.8 27.0 40.6#
84 129.2 82.9 124.3#



#33
1,2-Dichloroethane-d4
Concen: 48.802 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN076939.D
Acq: 10 Mar 2023 21:14

Tgt Ion: 65 Resp: 310559
Ion Ratio Lower Upper
65 100
67 50.2 0.0 107.2

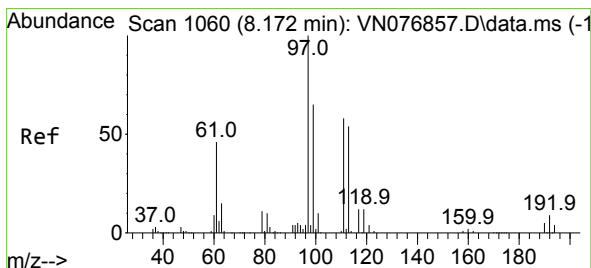
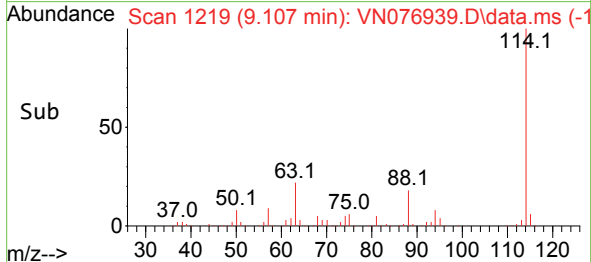
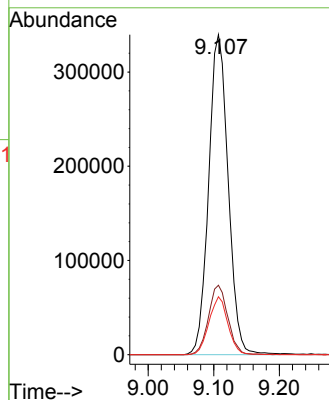
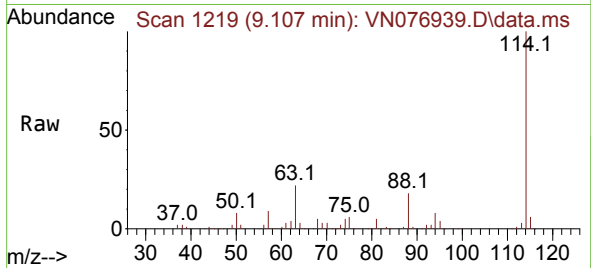




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076939.D
Acq: 10 Mar 2023 21:14

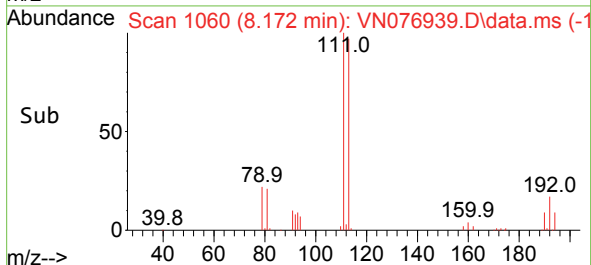
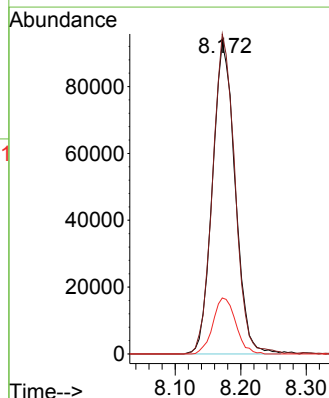
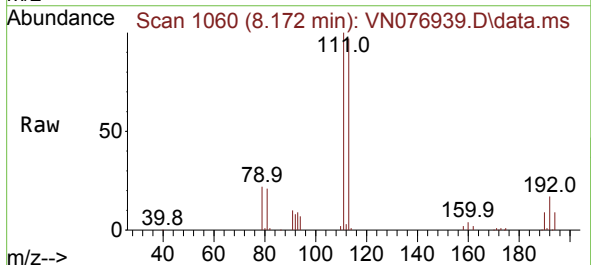
Instrument :
MSVOA_N
ClientSampleId :
RAW-WATER

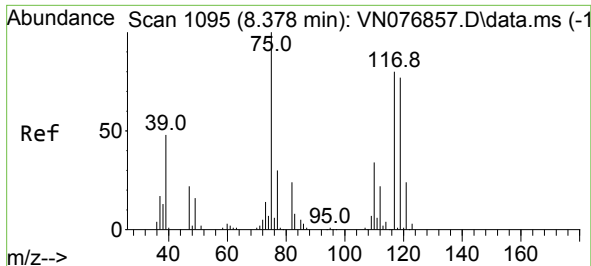
Tgt Ion:114 Resp: 702250
Ion Ratio Lower Upper
114 100
63 21.7 0.0 36.6
88 18.1 0.0 28.6



#35
Dibromofluoromethane
Concen: 47.848 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN076939.D
Acq: 10 Mar 2023 21:14

Tgt Ion:113 Resp: 223941
Ion Ratio Lower Upper
113 100
111 101.2 81.8 122.8
192 18.1 13.9 20.9





#36

1,1-Dichloropropene

Concen: 4.963 ug/l

RT: 8.237 min Scan# 1071

Delta R.T. -0.141 min

Lab File: VN076939.D

Acq: 10 Mar 2023 21:14

Instrument :

MSVOA_N

ClientSampleId :

RAW-WATER

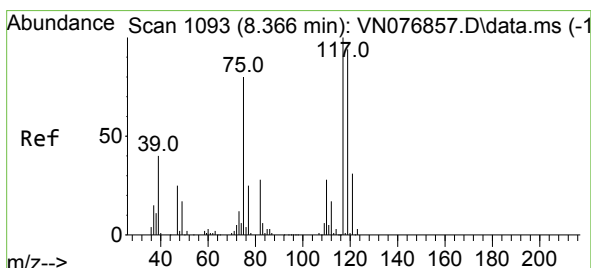
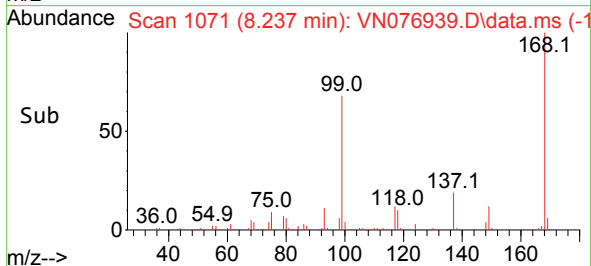
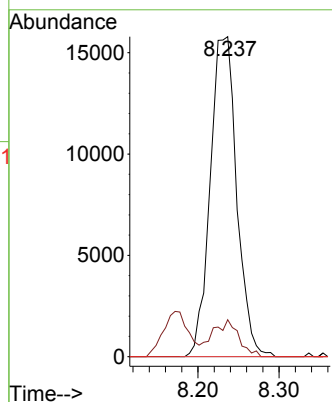
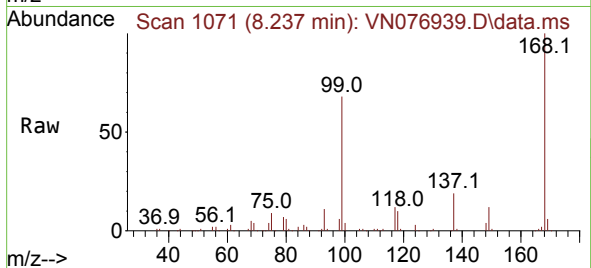
Tgt Ion: 75 Resp: 35927

Ion Ratio Lower Upper

75 100

110 11.4 18.9 56.9#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 5.834 ug/l

RT: 8.231 min Scan# 1070

Delta R.T. -0.141 min

Lab File: VN076939.D

Acq: 10 Mar 2023 21:14

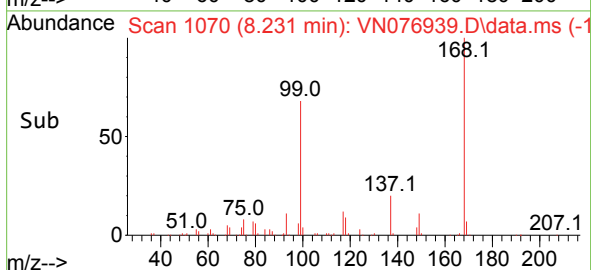
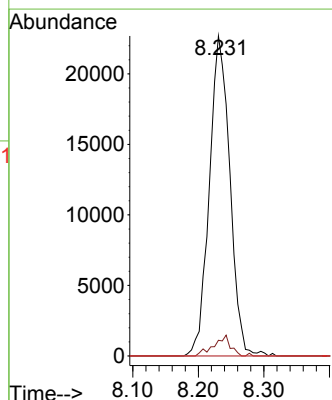
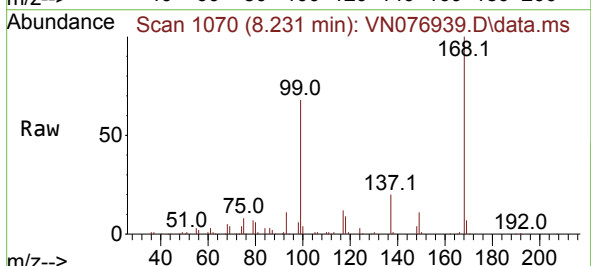
Tgt Ion: 117 Resp: 49427

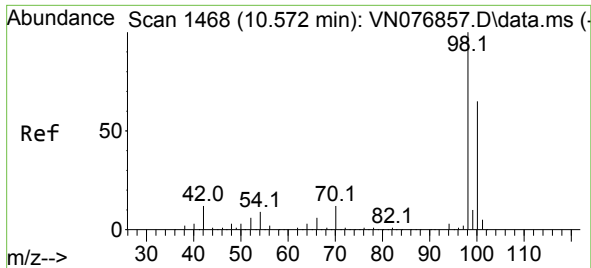
Ion Ratio Lower Upper

117 100

119 4.9 76.9 115.3#

121 0.0 23.2 34.8#

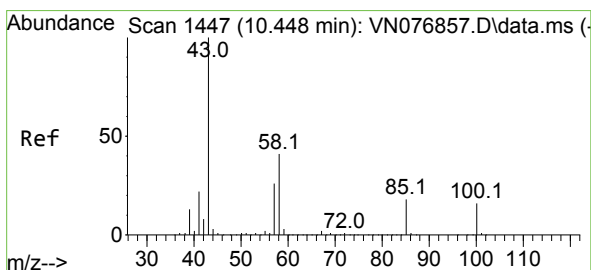
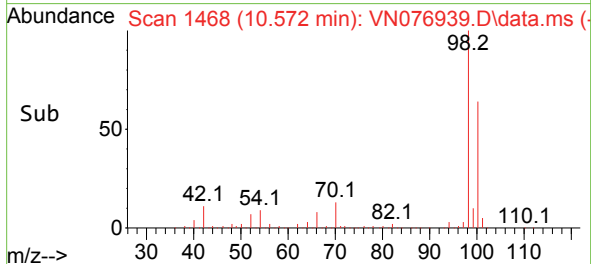
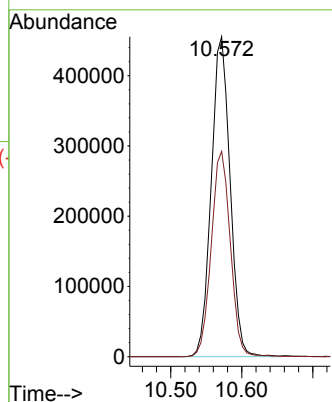
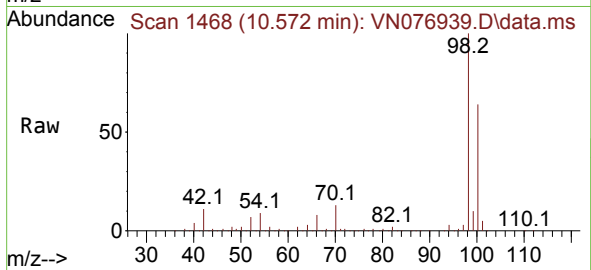




#50
Toluene-d8
Concen: 48.619 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VN076939.D
Acq: 10 Mar 2023 21:14

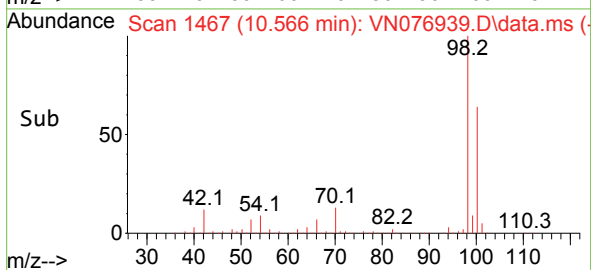
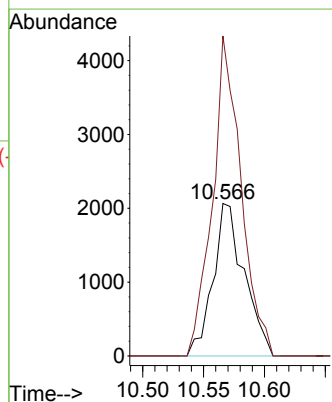
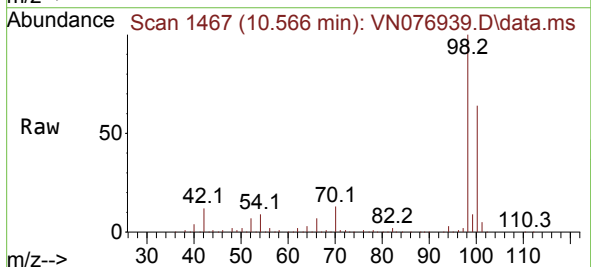
Instrument :
MSVOA_N
ClientSampleId :
RAW-WATER

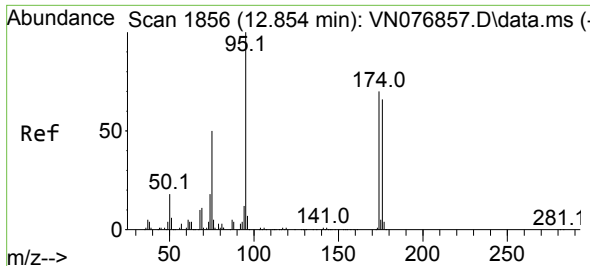
Tgt Ion: 98 Resp: 838635
Ion Ratio Lower Upper
98 100
100 64.9 52.8 79.2



#51
4-Methyl-2-Pentanone
Concen: 0.600 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. 0.118 min
Lab File: VN076939.D
Acq: 10 Mar 2023 21:14

Tgt Ion: 43 Resp: 3681
Ion Ratio Lower Upper
43 100
58 192.5 37.4 56.0#

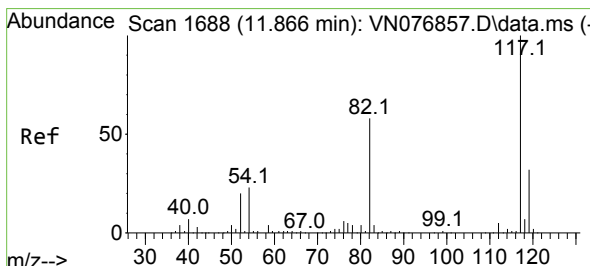
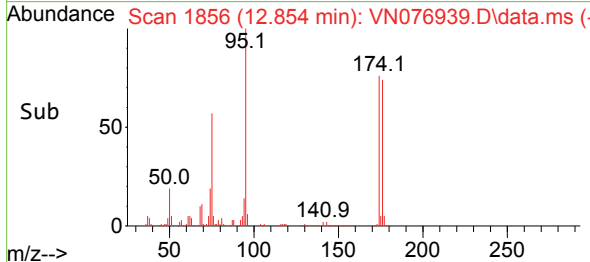
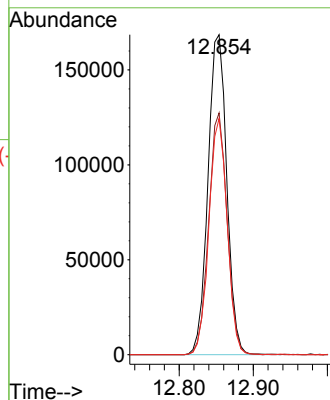
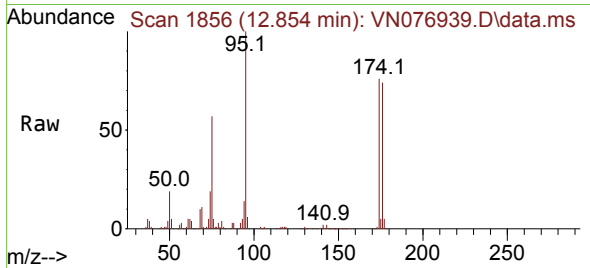




#62
4-Bromofluorobenzene
Concen: 47.043 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076939.D
Acq: 10 Mar 2023 21:14

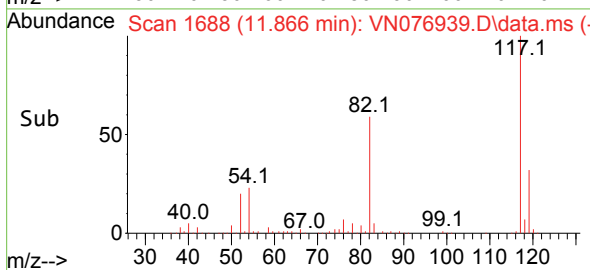
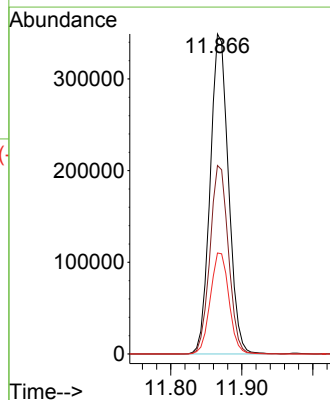
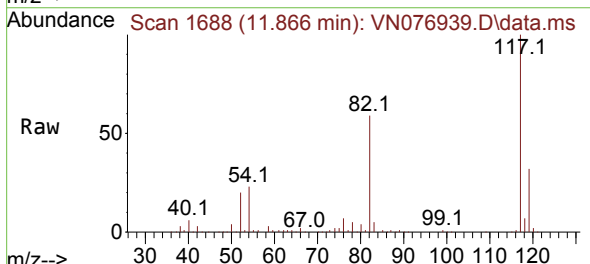
Instrument :
MSVOA_N
ClientSampleId :
RAW-WATER

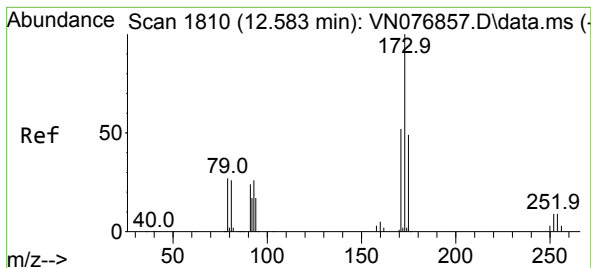
Tgt Ion: 95 Resp: 296802
Ion Ratio Lower Upper
95 100
174 74.2 0.0 162.4
176 71.5 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VN076939.D
Acq: 10 Mar 2023 21:14

Tgt Ion: 117 Resp: 624466
Ion Ratio Lower Upper
117 100
82 58.9 43.5 65.3
119 31.5 25.5 38.3





#71

Bromoform

Concen: 0.455 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. 0.271 min

Lab File: VN076939.D

Acq: 10 Mar 2023 21:14

Instrument :

MSVOA_N

ClientSampleId :

RAW-WATER

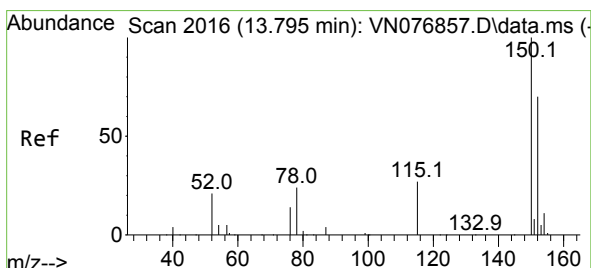
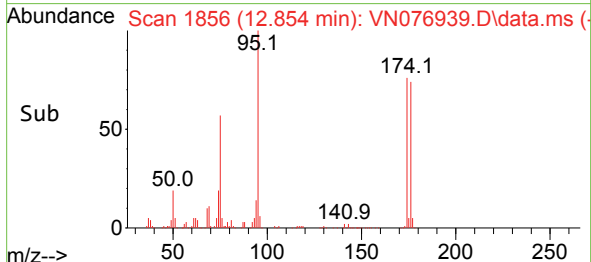
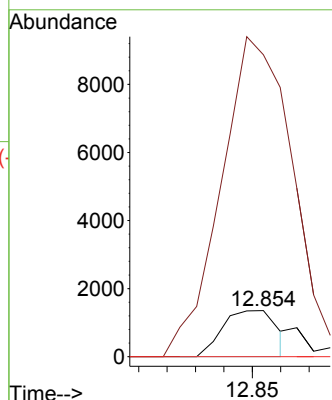
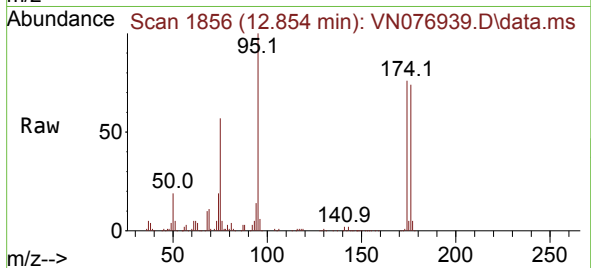
Tgt Ion:173 Resp: 1797

Ion Ratio Lower Upper

173 100

175 764.0 24.9 74.6#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN076939.D

Acq: 10 Mar 2023 21:14

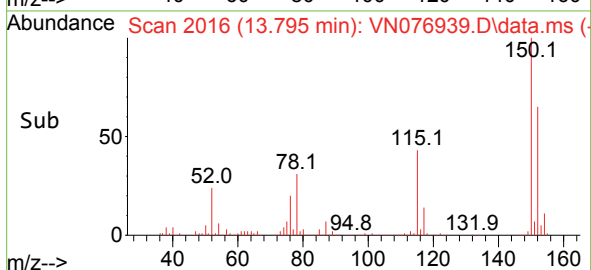
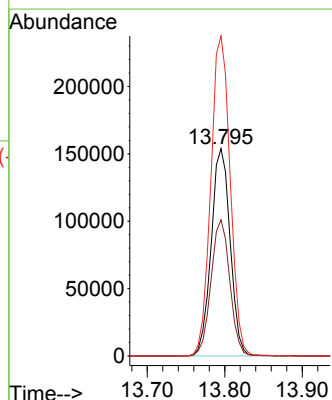
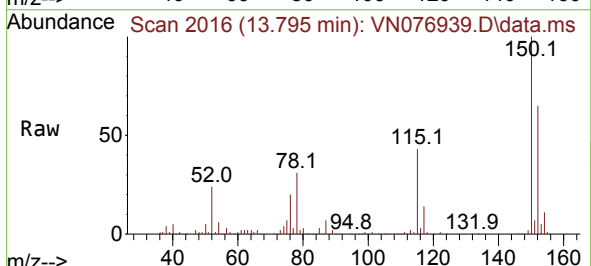
Tgt Ion:152 Resp: 261577

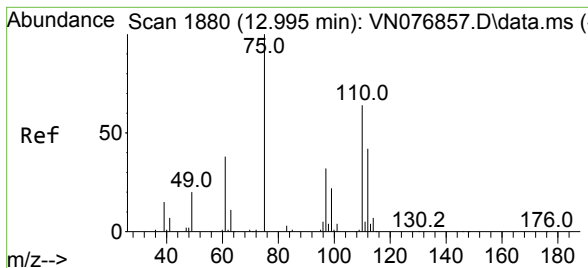
Ion Ratio Lower Upper

152 100

115 65.2 30.3 90.9

150 157.5 0.0 353.6





#76

1,2,3-Trichloropropane

Concen: 26.182 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. -0.141 min

Lab File: VN076939.D

Acq: 10 Mar 2023 21:14

Instrument :

MSVOA_N

ClientSampleId :

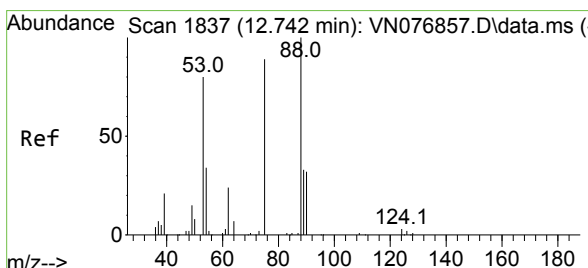
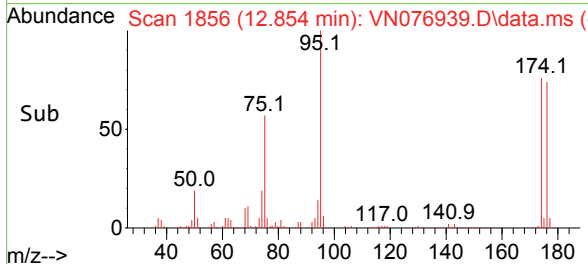
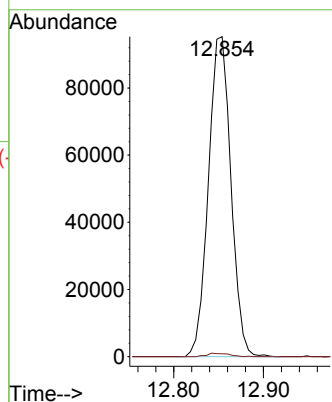
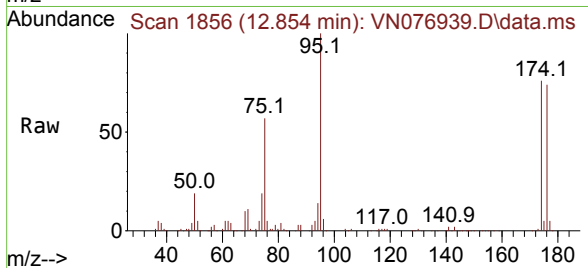
RAW-WATER

Tgt Ion: 75 Resp: 166040

Ion Ratio Lower Upper

75 100

77 1.1 93.8 281.4#



#81

trans-1,4-Dichloro-2-butene

Concen: 85.523 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. 0.112 min

Lab File: VN076939.D

Acq: 10 Mar 2023 21:14

Tgt Ion: 75 Resp: 166040

Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.0#

89 0.0 39.5 59.3#

