

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051922\
 Data File : VN072559.D
 Acq On : 19 May 2022 16:50
 Operator : JC\MD
 Sample : N2939-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B3-WATER

Quant Time: May 20 06:54:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 02:22:47 2022
 Response via : Initial Calibration

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

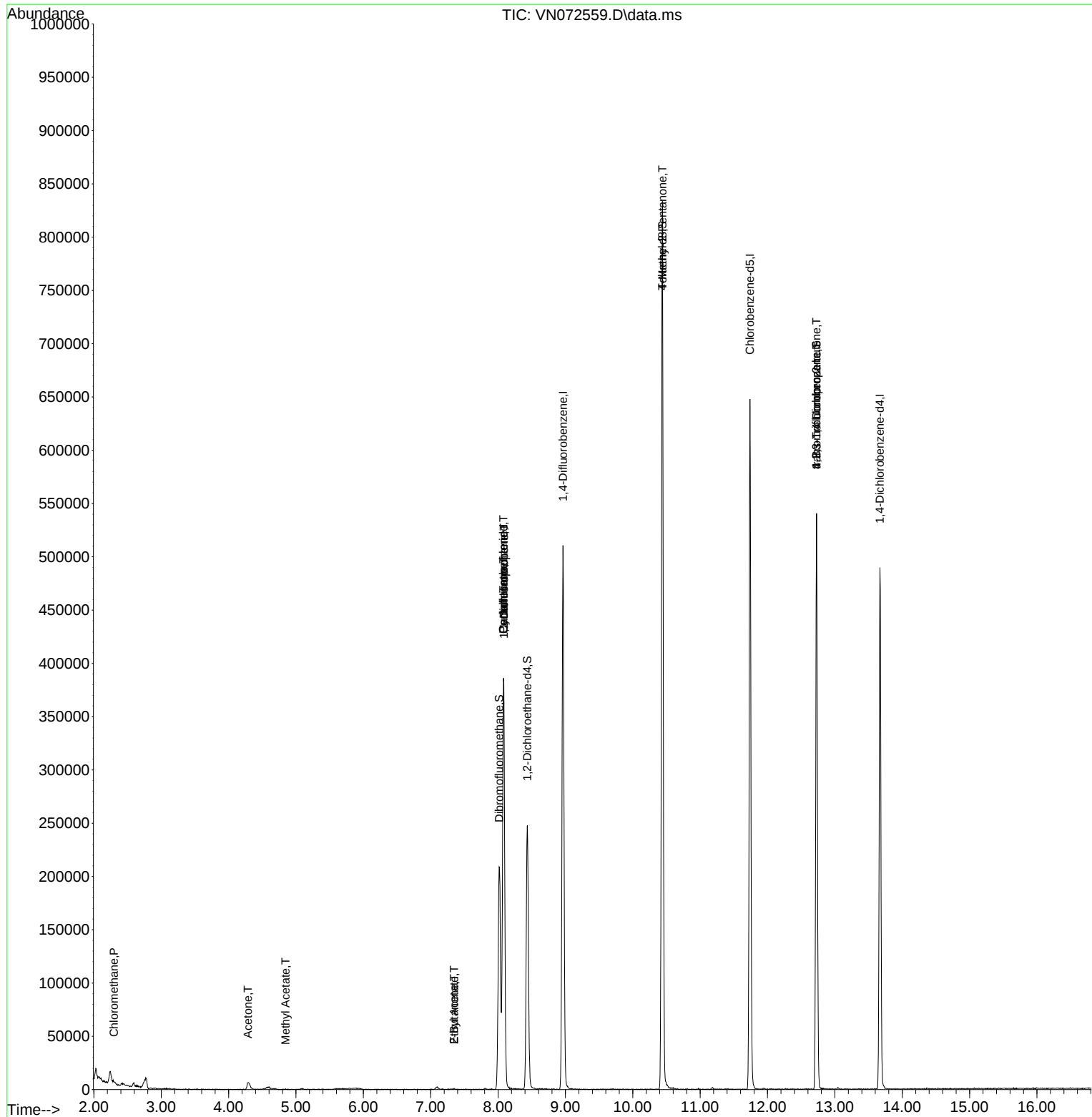
Internal Standards						
1) Pentafluorobenzene	8.081	168	279391	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	418571	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	358704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	133460	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	231894	53.420	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 106.840%	
35) Dibromofluoromethane	8.016	113	154828	54.821	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 109.640%	
50) Toluene-d8	10.439	98	556100	52.019	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.040%	
62) 4-Bromofluorobenzene	12.727	95	174236	42.907	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 85.820%	
Target Compounds						
						Qvalue
3) Chloromethane	2.299	50	1063	0.368	ug/l	99
6) Chloroethane	2.922	64	156	Below Cal	#	42
16) Acetone	4.287	43	12541	9.531	ug/l	# 78
18) Methyl Acetate	4.846	43	184	0.329	ug/l	# 48
25) 2-Butanone	7.345	43	1196	0.578	ug/l	# 86
31) Cyclohexane	8.081	56	6160	1.277	ug/l	# 23
36) 1,1-Dichloropropene	8.086	75	22707	5.906	ug/l	# 51
37) Ethyl Acetate	7.345	43	1196	0.283	ug/l	# 67
38) Carbon Tetrachloride	8.081	117	31527	6.625	ug/l	# 16
51) 4-Methyl-2-Pentanone	10.439	43	2801	0.625	ug/l	# 1
76) 1,2,3-Trichloropropane	12.727	75	102935	25.532	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.727	75	102935	106.439	ug/l	# 10

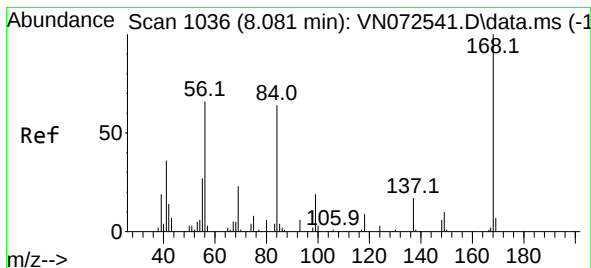
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051922\
Data File : VN072559.D
Acq On : 19 May 2022 16:50
Operator : JC\MD
Sample : N2939-06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
B3-WATER

Quant Time: May 20 06:54:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
Quant Title : SW846 8260
QLast Update : Thu May 19 02:22:47 2022
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.081 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN072559.D

Acq: 19 May 2022 16:50

Instrument :

MSVOA_N

ClientSampleId :

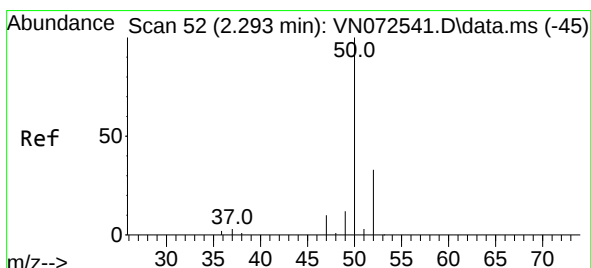
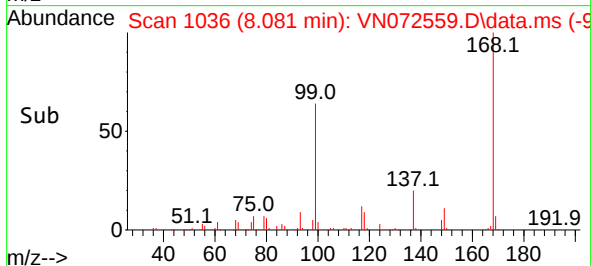
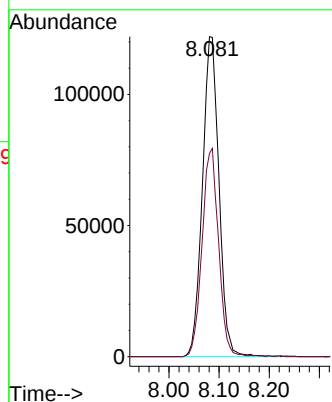
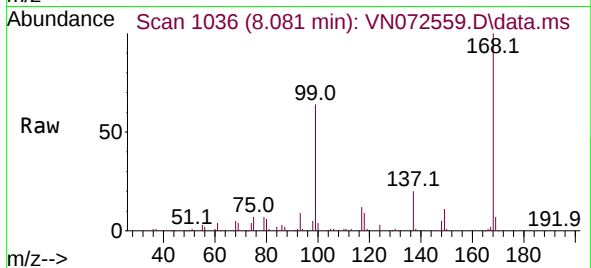
B3-WATER

Tgt Ion:168 Resp: 279391

Ion Ratio Lower Upper

168 100

99 63.5 42.3 63.5#



#3

Chloromethane

Concen: 0.368 ug/l

RT: 2.299 min Scan# 53

Delta R.T. 0.006 min

Lab File: VN072559.D

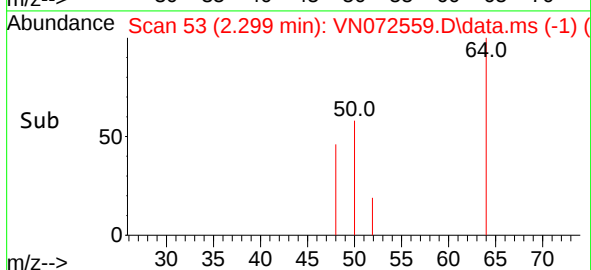
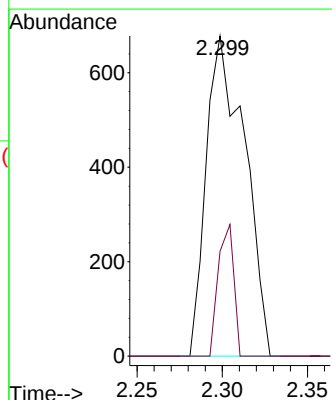
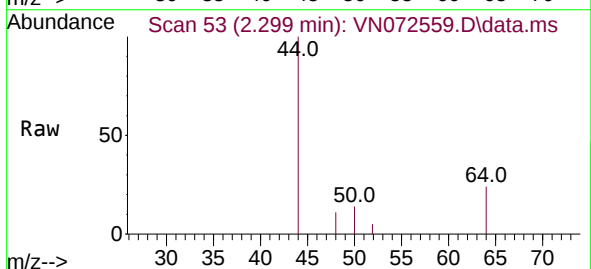
Acq: 19 May 2022 16:50

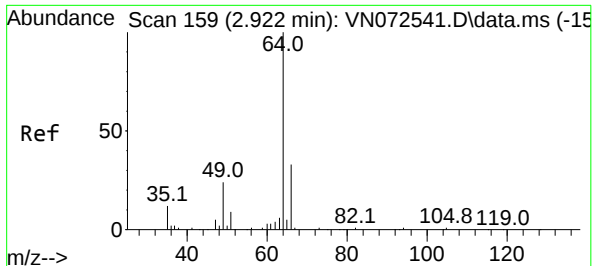
Tgt Ion: 50 Resp: 1063

Ion Ratio Lower Upper

50 100

52 32.7 25.7 38.5

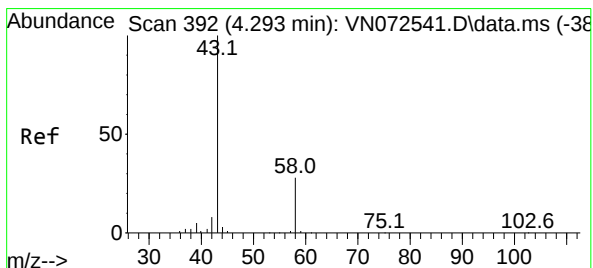
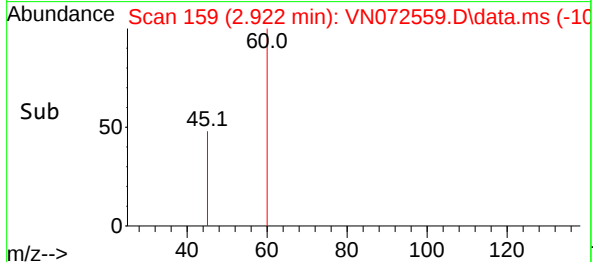
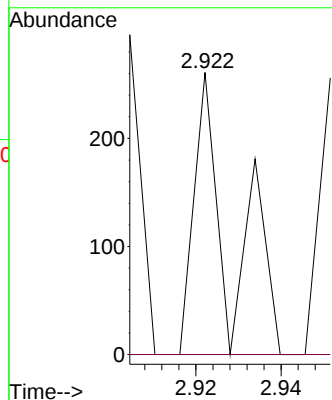
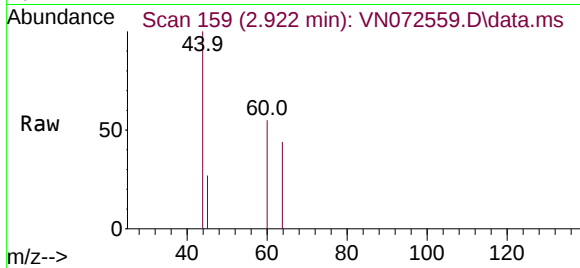




#6
Chloroethane
Concen: Below Cal
RT: 2.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072559.D
Acq: 19 May 2022 16:50

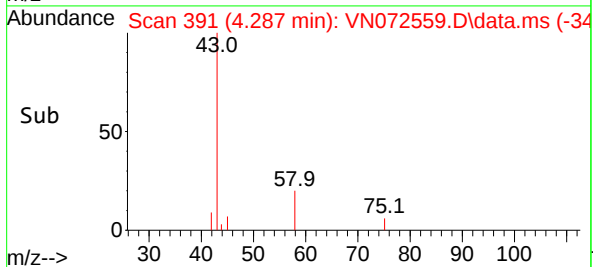
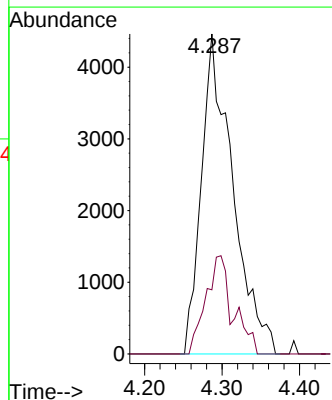
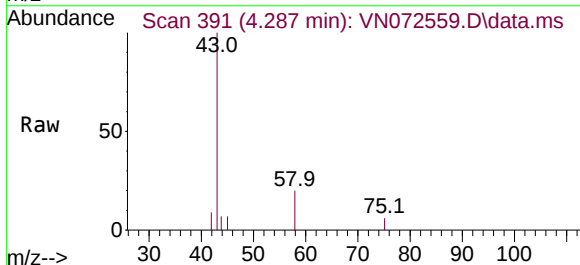
Instrument :
MSVOA_N
ClientSampleId :
B3-WATER

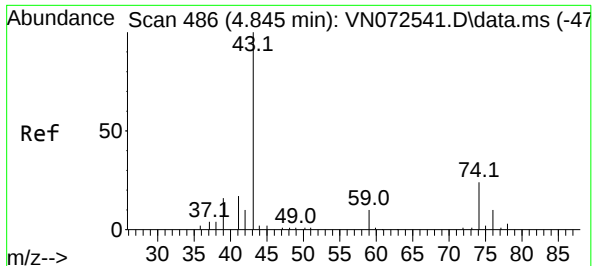
Tgt Ion: 64 Resp: 156
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#16
Acetone
Concen: 9.531 ug/l
RT: 4.287 min Scan# 391
Delta R.T. -0.006 min
Lab File: VN072559.D
Acq: 19 May 2022 16:50

Tgt Ion: 43 Resp: 12541
Ion Ratio Lower Upper
43 100
58 20.1 26.0 39.0#





#18

Methyl Acetate

Concen: 0.329 ug/l

RT: 4.846 min Scan# 41

Delta R.T. 0.001 min

Lab File: VN072559.D

Acq: 19 May 2022 16:50

Instrument :

MSVOA_N

ClientSampleId :

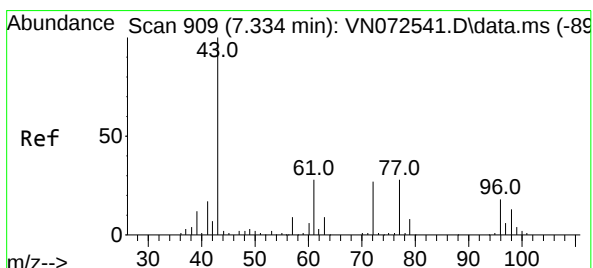
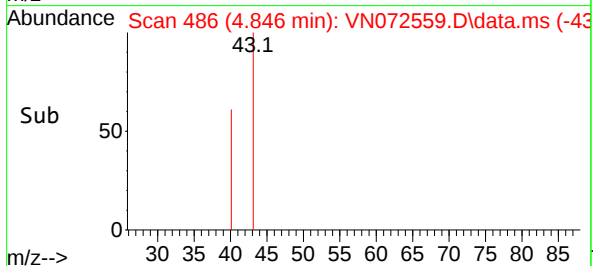
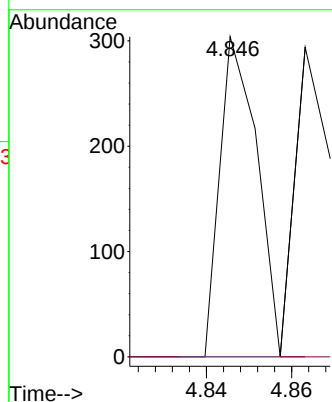
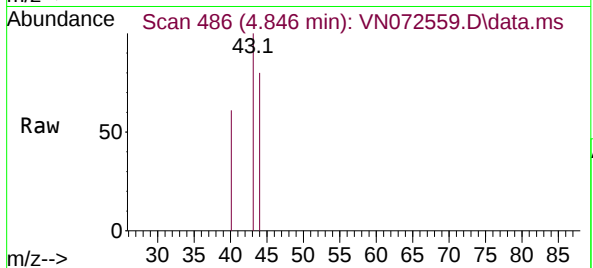
B3-WATER

Tgt Ion: 43 Resp: 184

Ion Ratio Lower Upper

43 100

74 0.0 21.6 32.4#



#25

2-Butanone

Concen: 0.578 ug/l

RT: 7.345 min Scan# 911

Delta R.T. 0.011 min

Lab File: VN072559.D

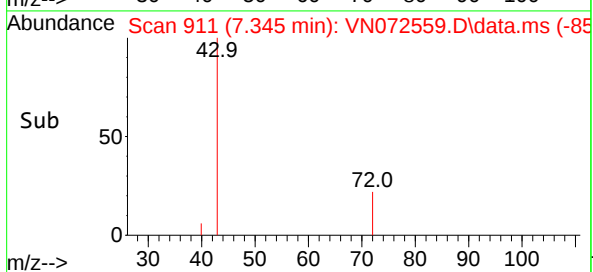
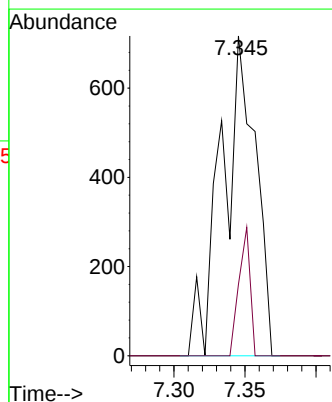
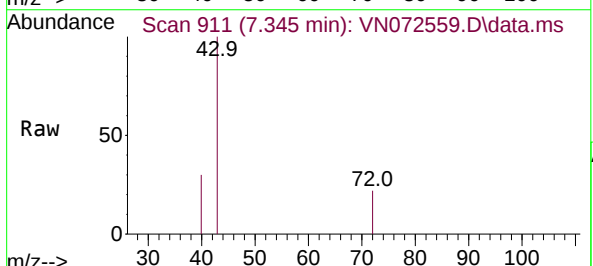
Acq: 19 May 2022 16:50

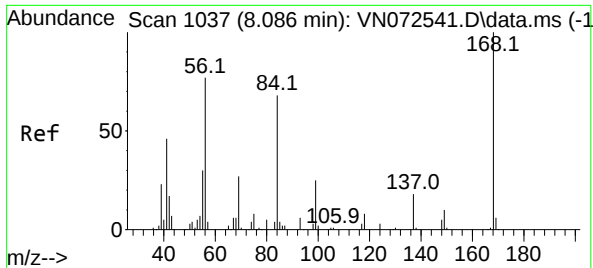
Tgt Ion: 43 Resp: 1196

Ion Ratio Lower Upper

43 100

72 22.3 23.7 35.5#

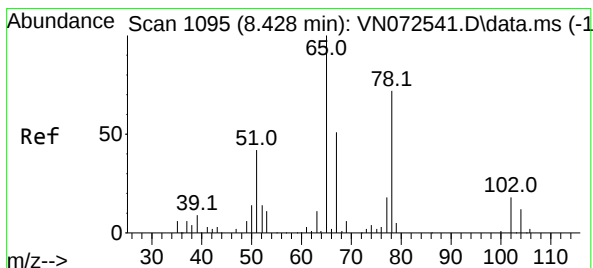
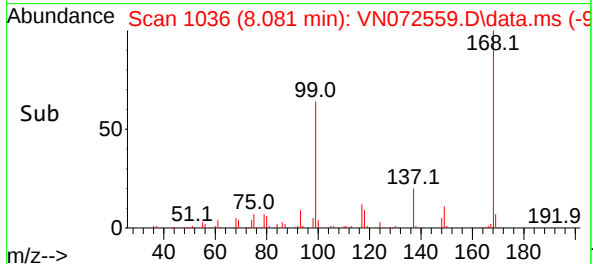
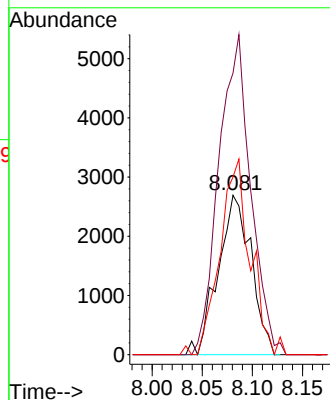
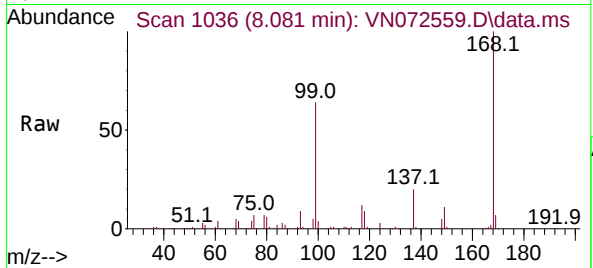




#31
Cyclohexane
Concen: 1.277 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VN072559.D
Acq: 19 May 2022 16:50

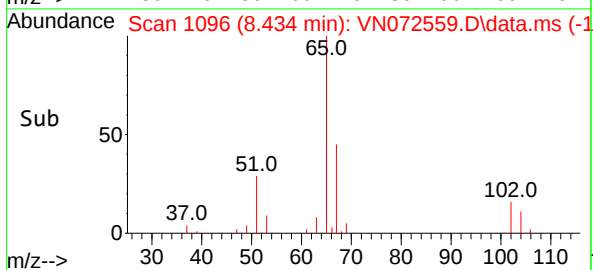
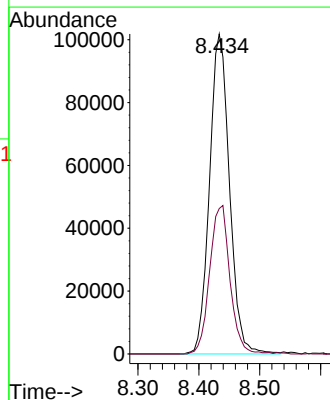
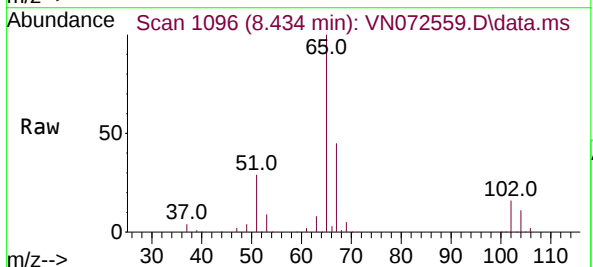
Instrument :
MSVOA_N
ClientSampleId :
B3-WATER

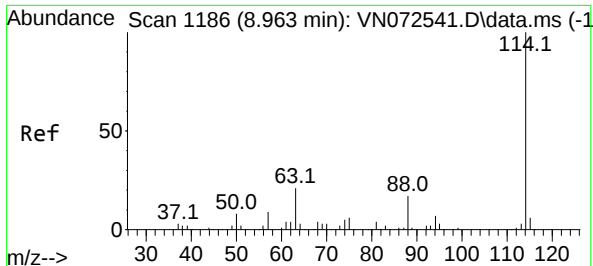
Tgt Ion: 56 Resp: 6160
Ion Ratio Lower Upper
56 100
69 176.7 27.8 41.8#
84 111.4 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 53.420 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.006 min
Lab File: VN072559.D
Acq: 19 May 2022 16:50

Tgt Ion: 65 Resp: 231894
Ion Ratio Lower Upper
65 100
67 47.1 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072559.D

Acq: 19 May 2022 16:50

Instrument :

MSVOA_N

ClientSampleId :

B3-WATER

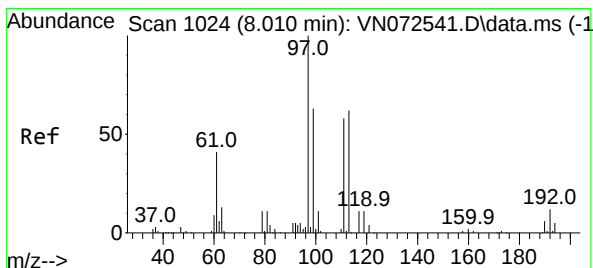
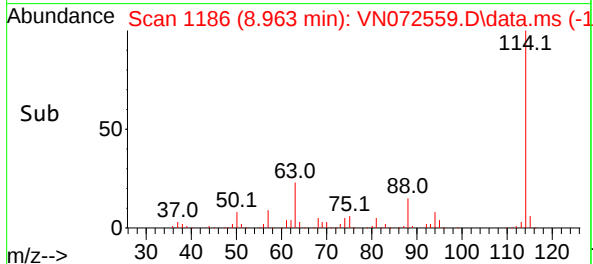
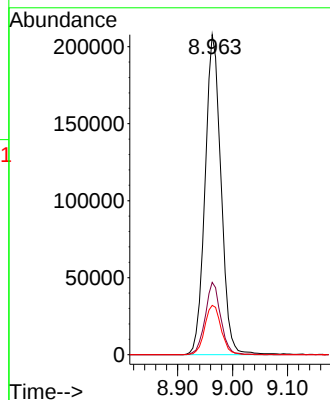
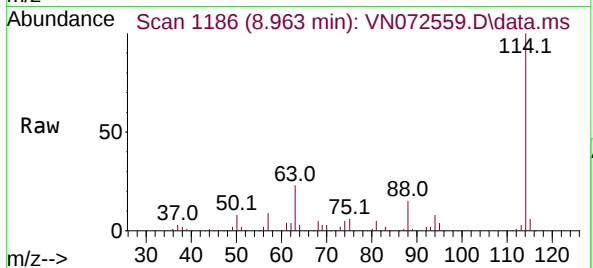
Tgt Ion:114 Resp: 418571

Ion Ratio Lower Upper

114 100

63 22.6 0.0 40.0

88 15.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 54.821 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. 0.006 min

Lab File: VN072559.D

Acq: 19 May 2022 16:50

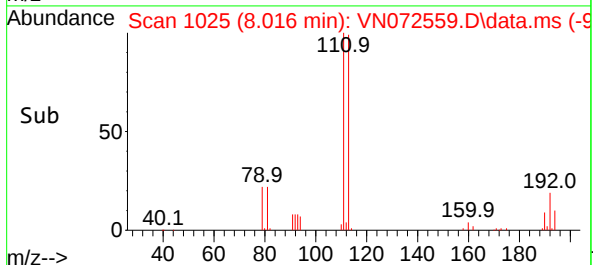
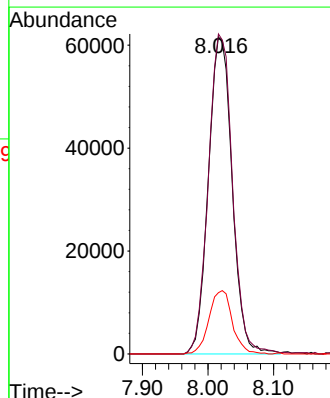
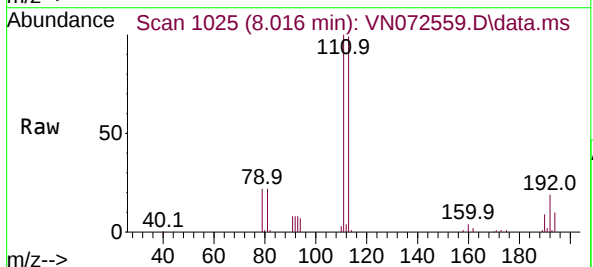
Tgt Ion:113 Resp: 154828

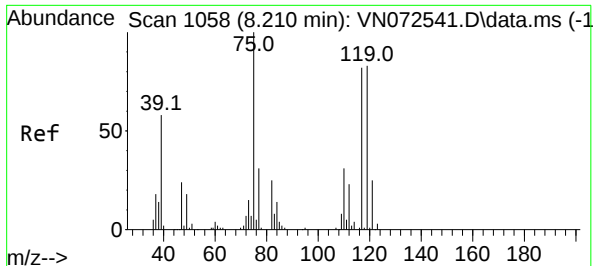
Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

192 19.7 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.906 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.124 min

Lab File: VN072559.D

Acq: 19 May 2022 16:50

Instrument :

MSVOA_N

ClientSampleId :

B3-WATER

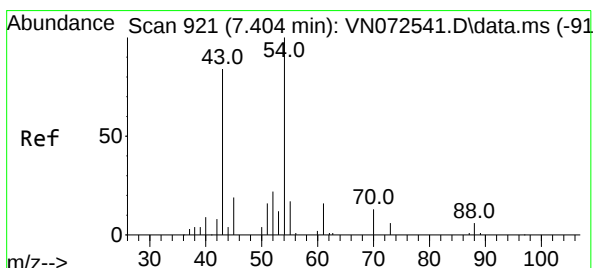
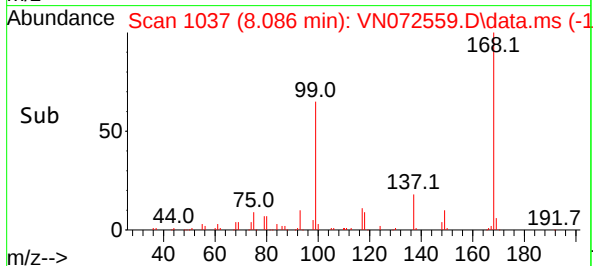
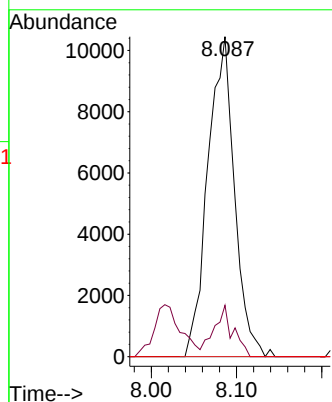
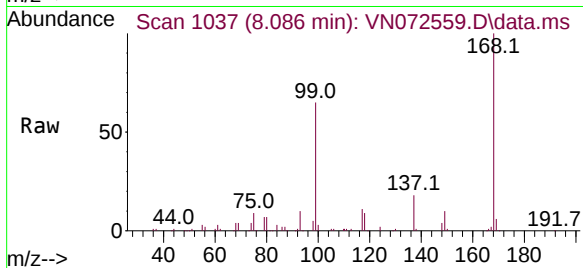
Tgt Ion: 75 Resp: 22707

Ion Ratio Lower Upper

75 100

110 11.5 18.3 54.8#

77 0.0 25.1 37.7#



#37

Ethyl Acetate

Concen: 0.283 ug/l

RT: 7.345 min Scan# 911

Delta R.T. -0.059 min

Lab File: VN072559.D

Acq: 19 May 2022 16:50

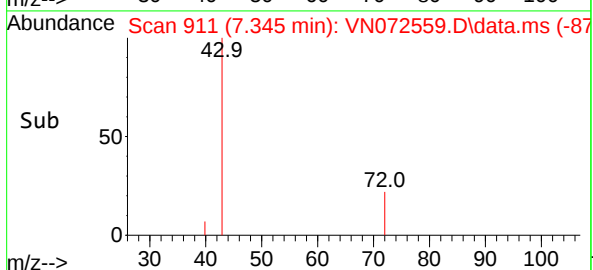
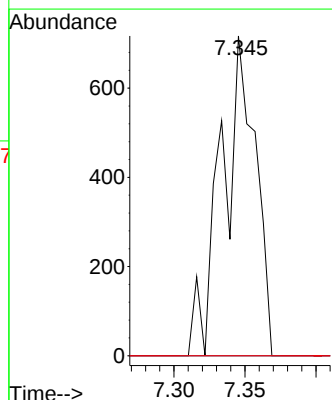
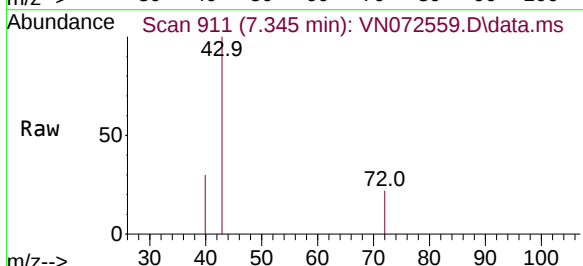
Tgt Ion: 43 Resp: 1196

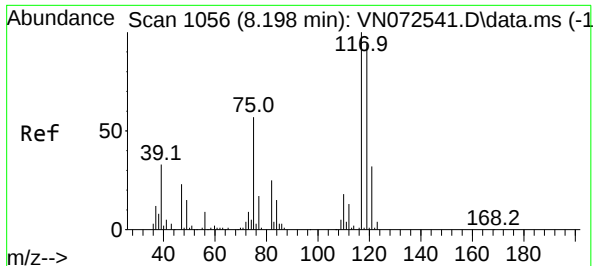
Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.6#

70 0.0 9.3 13.9#

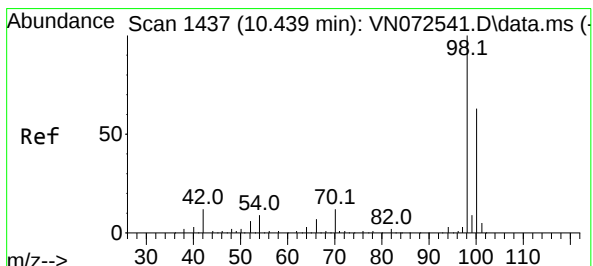
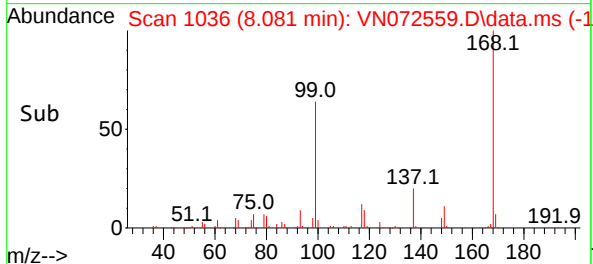
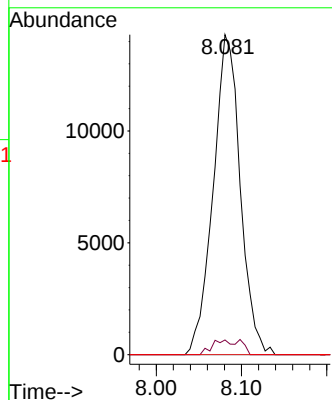
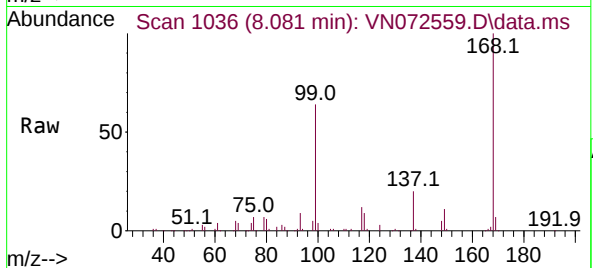




#38
Carbon Tetrachloride
Concen: 6.625 ug/l
RT: 8.081 min Scan# 1056
Delta R.T. -0.117 min
Lab File: VN072559.D
Acq: 19 May 2022 16:50

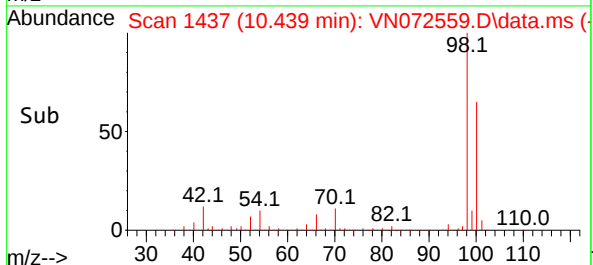
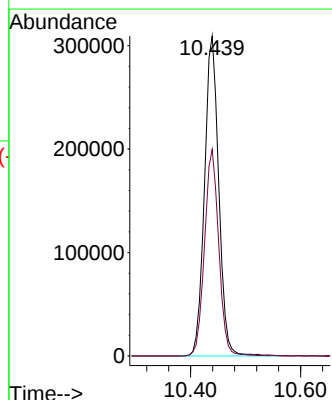
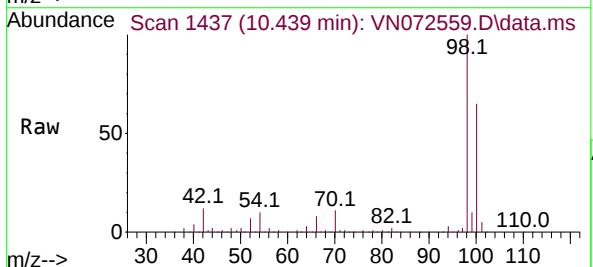
Instrument :
MSVOA_N
ClientSampleId :
B3-WATER

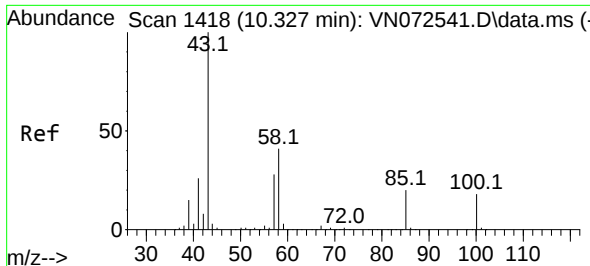
Tgt Ion:117 Resp: 31527
Ion Ratio Lower Upper
117 100
119 4.6 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 52.019 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072559.D
Acq: 19 May 2022 16:50

Tgt Ion: 98 Resp: 556100
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8

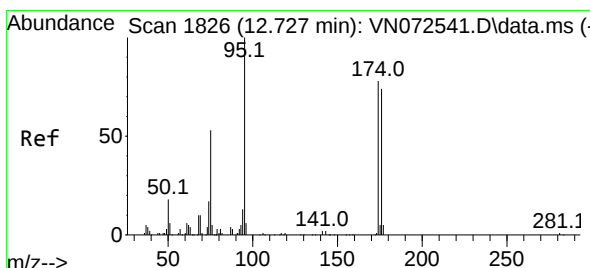
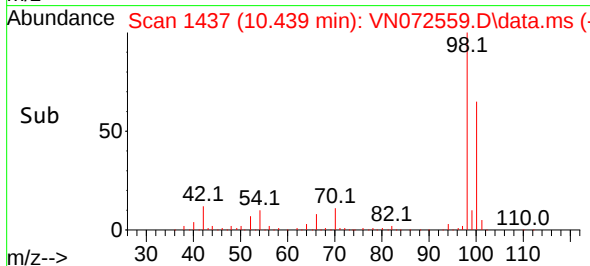
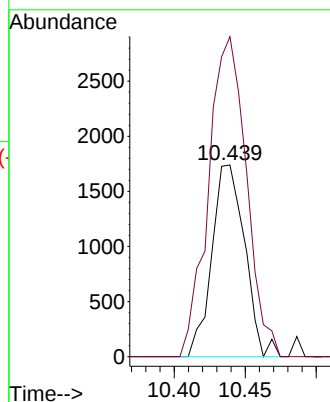
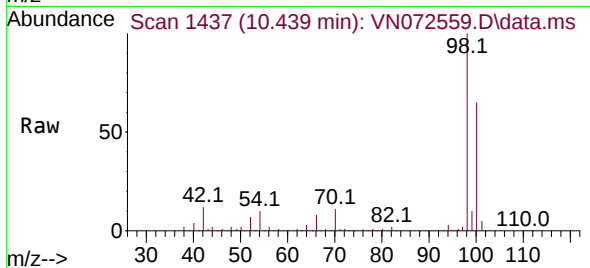




#51
4-Methyl-2-Pentanone
Concen: 0.625 ug/l
RT: 10.439 min Scan# 1418
Delta R.T. 0.112 min
Lab File: VN072559.D
Acq: 19 May 2022 16:50

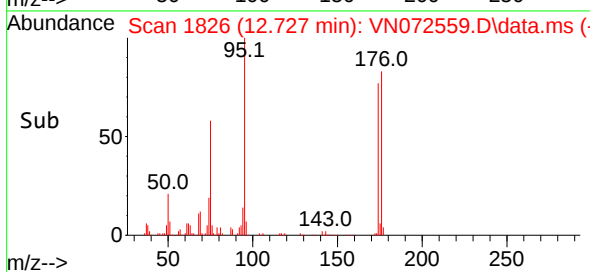
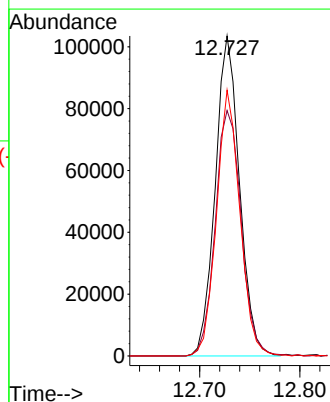
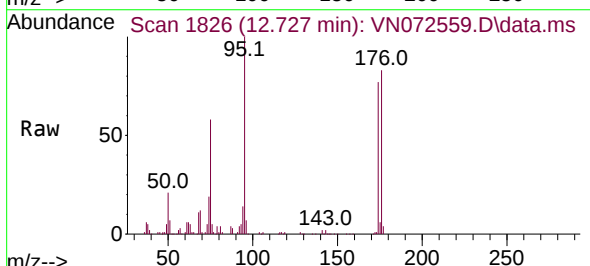
Instrument :
MSVOA_N
ClientSampleId :
B3-WATER

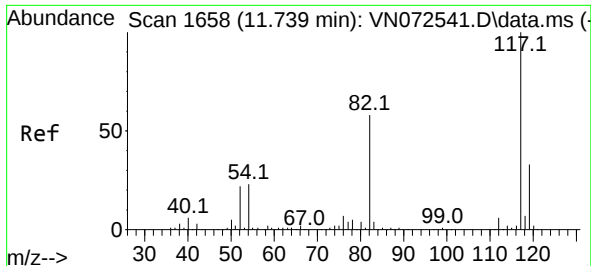
Tgt Ion: 43 Resp: 2801
Ion Ratio Lower Upper
43 100
58 192.4 34.1 51.1#



#62
4-Bromofluorobenzene
Concen: 42.907 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072559.D
Acq: 19 May 2022 16:50

Tgt Ion: 95 Resp: 174236
Ion Ratio Lower Upper
95 100
174 81.9 0.0 167.6
176 80.1 0.0 163.4

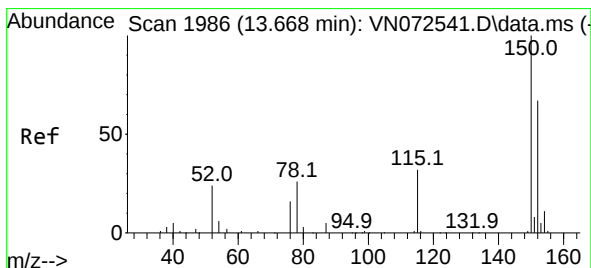
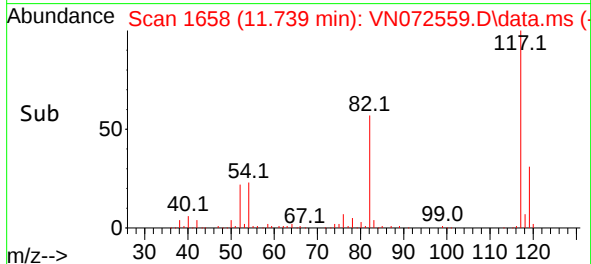
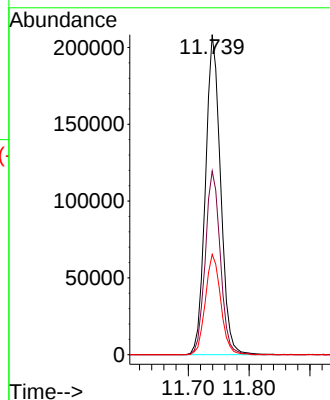
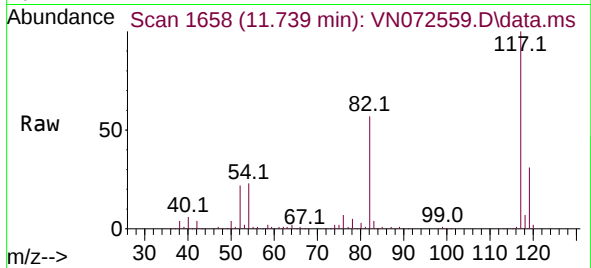




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072559.D
Acq: 19 May 2022 16:50

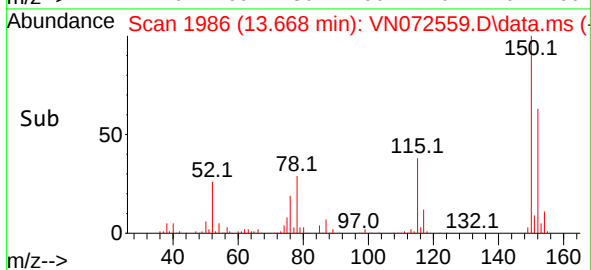
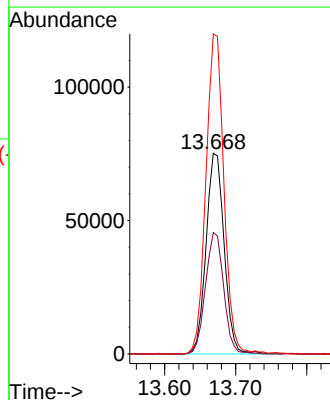
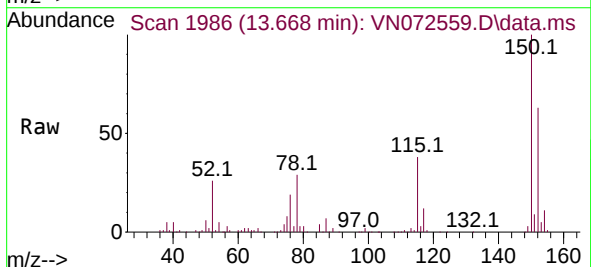
Instrument :
MSVOA_N
ClientSampleId :
B3-WATER

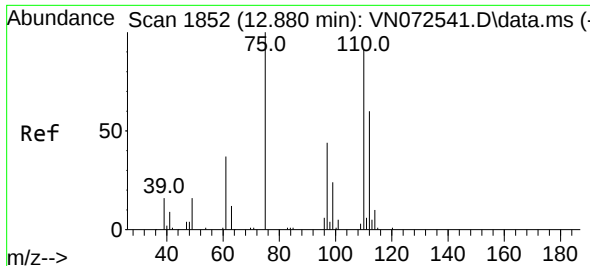
Tgt Ion:117 Resp: 358704
Ion Ratio Lower Upper
117 100
82 57.4 44.2 66.2
119 31.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN072559.D
Acq: 19 May 2022 16:50

Tgt Ion:152 Resp: 133460
Ion Ratio Lower Upper
152 100
115 60.7 28.9 86.7
150 158.3 0.0 356.2

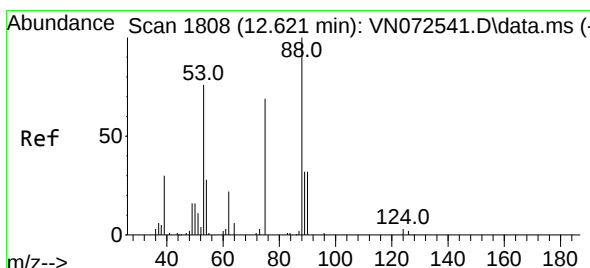
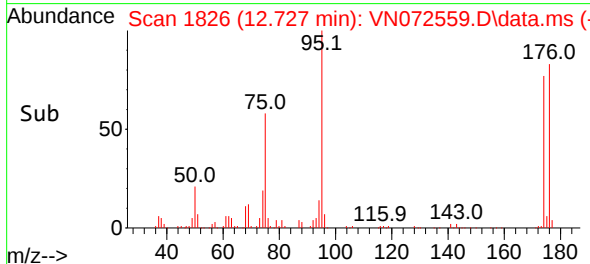
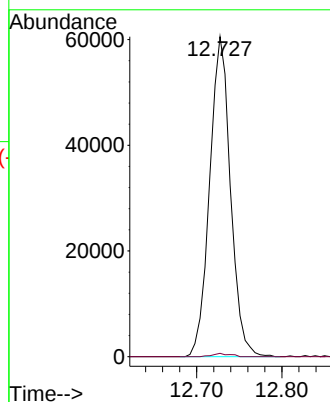
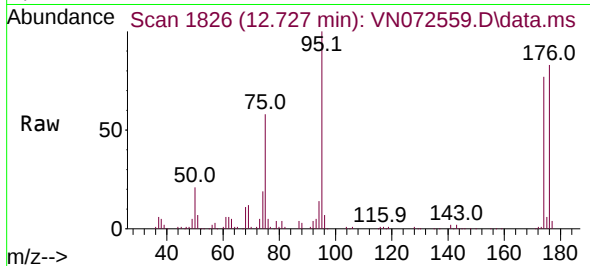




#76
1,2,3-Trichloropropane
Concen: 25.532 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.153 min
Lab File: VN072559.D
Acq: 19 May 2022 16:50

Instrument :
MSVOA_N
ClientSampleId :
B3-WATER

Tgt Ion: 75 Resp: 102935
Ion Ratio Lower Upper
75 100
77 0.9 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.439 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN072559.D
Acq: 19 May 2022 16:50

Tgt Ion: 75 Resp: 102935
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#

