

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051922\
 Data File : VN072558.D
 Acq On : 19 May 2022 16:26
 Operator : JC\MD
 Sample : N2939-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B2-WATER

Quant Time: May 20 06:54:06 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)

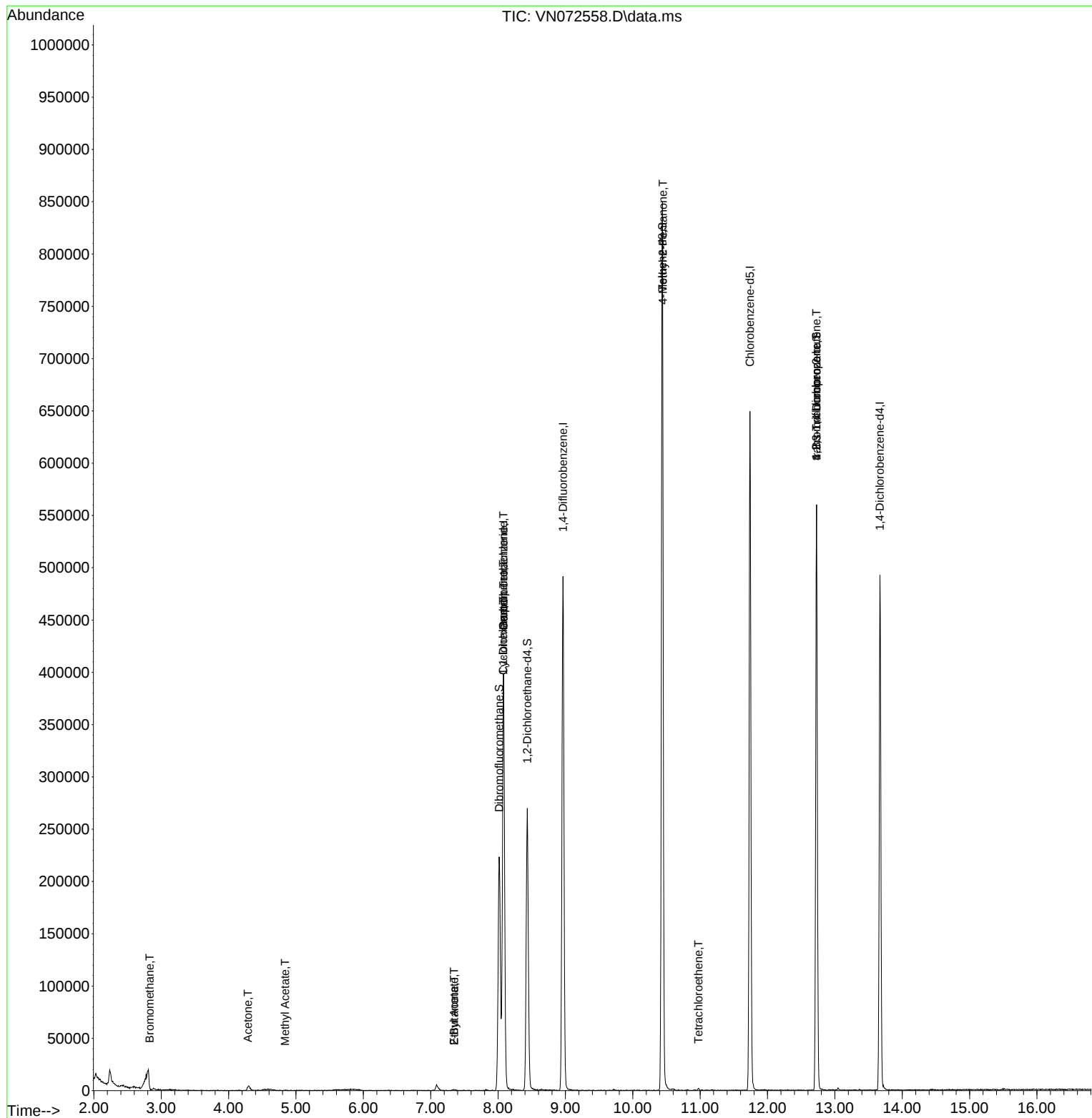
Internal Standards						
1) Pentafluorobenzene	8.081	168	281171	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	412059	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	364948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	133628	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	240851	55.132	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 110.260%	
35) Dibromofluoromethane	8.016	113	159267	57.284	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 114.560%	
50) Toluene-d8	10.439	98	569903	54.153	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 108.300%	
62) 4-Bromofluorobenzene	12.727	95	185241	46.338	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 92.680%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.828	94	751	0.337	ug/l	# 37
6) Chloroethane	2.910	64	70	Below Cal	#	42
16) Acetone	4.287	43	3064	2.314	ug/l	92
18) Methyl Acetate	4.840	43	310	0.363	ug/l	# 48
25) 2-Butanone	7.345	43	1722	0.827	ug/l	# 45
31) Cyclohexane	8.075	56	6825	1.406	ug/l	# 43
36) 1,1-Dichloropropene	8.075	75	23156	6.118	ug/l	# 50
37) Ethyl Acetate	7.345	43	1722	0.414	ug/l	# 67
38) Carbon Tetrachloride	8.081	117	30284	6.464	ug/l	# 16
51) 4-Methyl-2-Pentanone	10.445	43	2929	0.664	ug/l	# 1
64) Tetrachloroethene	10.974	164	597	0.236	ug/l	# 66
76) 1,2,3-Trichloropropane	12.727	75	105065	26.027	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.727	75	105065	108.505	ug/l	# 11

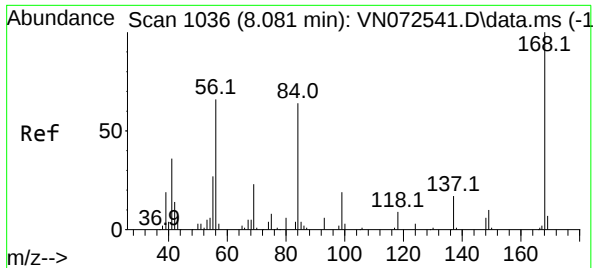
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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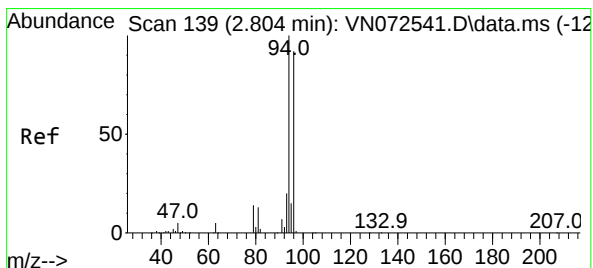
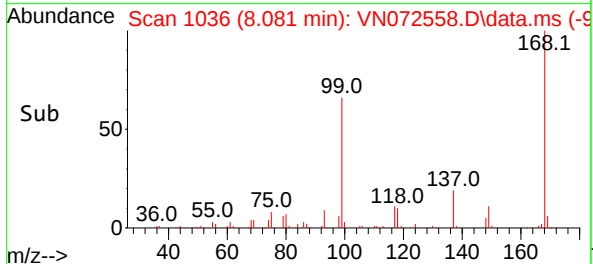
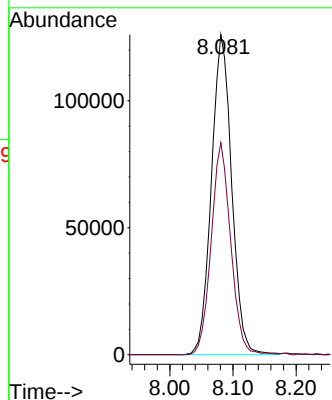
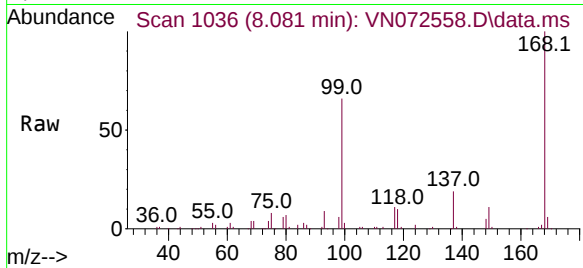




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072558.D
Acq: 19 May 2022 16:26

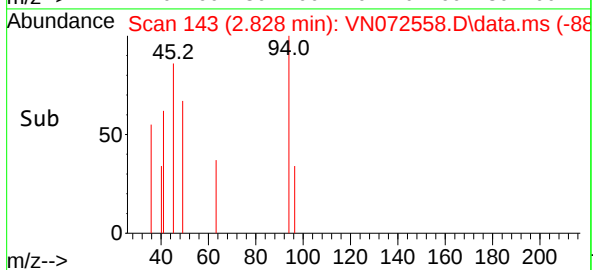
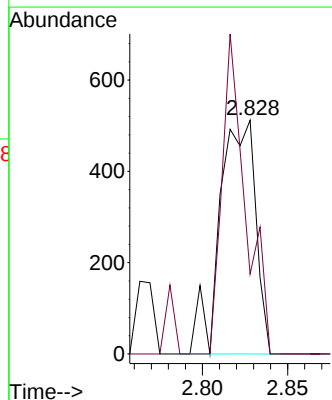
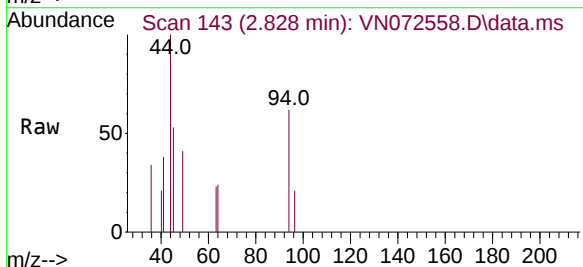
Instrument :
MSVOA_N
ClientSampleId :
B2-WATER

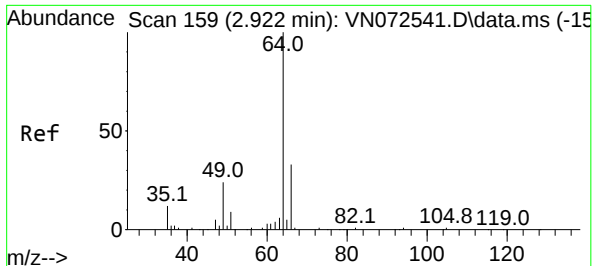
Tgt Ion:168 Resp: 281171
Ion Ratio Lower Upper
168 100
99 66.3 42.3 63.5#



#5
Bromomethane
Concen: 0.337 ug/l
RT: 2.828 min Scan# 143
Delta R.T. 0.024 min
Lab File: VN072558.D
Acq: 19 May 2022 16:26

Tgt Ion: 94 Resp: 751
Ion Ratio Lower Upper
94 100
96 34.2 76.0 114.0#

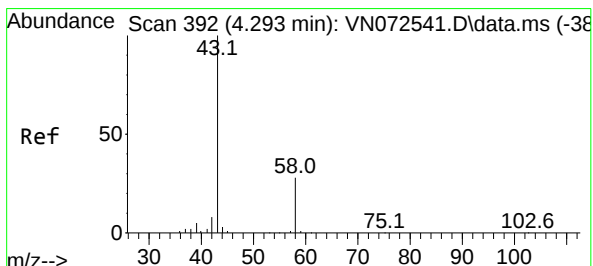
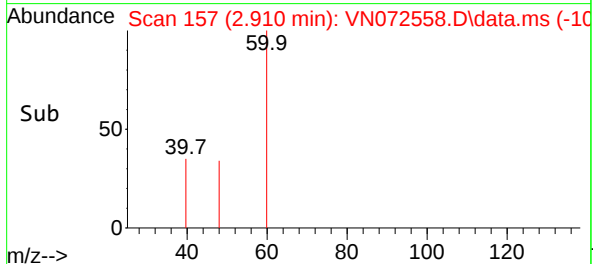
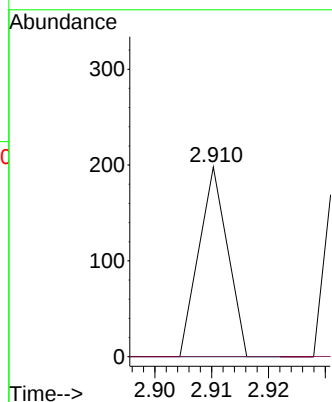
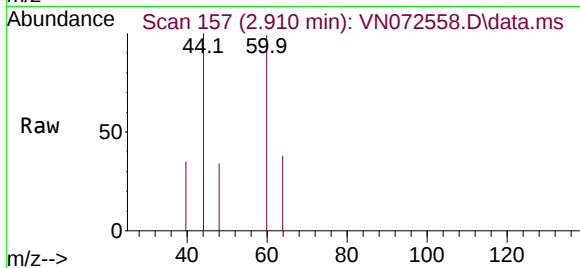




#6
Chloroethane
Concen: Below Cal
RT: 2.910 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN072558.D
Acq: 19 May 2022 16:26

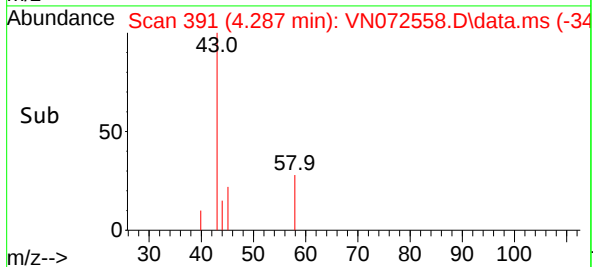
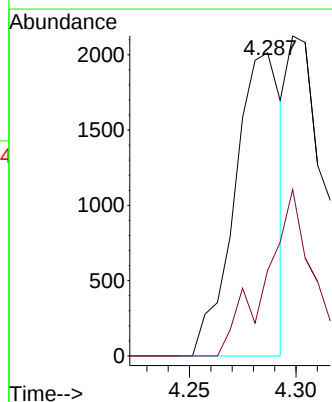
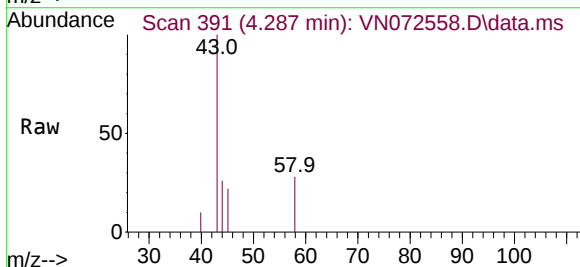
Instrument :
MSVOA_N
ClientSampleId :
B2-WATER

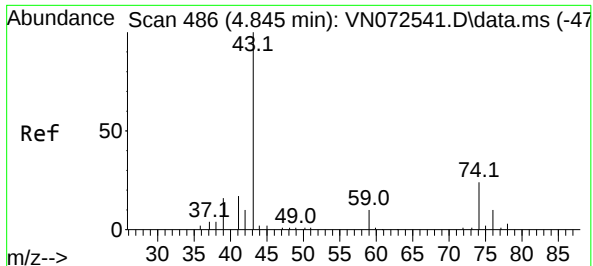
Tgt Ion: 64 Resp: 70
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#16
Acetone
Concen: 2.314 ug/l
RT: 4.287 min Scan# 391
Delta R.T. -0.006 min
Lab File: VN072558.D
Acq: 19 May 2022 16:26

Tgt Ion: 43 Resp: 3064
Ion Ratio Lower Upper
43 100
58 28.2 26.0 39.0





#18

Methyl Acetate

Concen: 0.363 ug/l

RT: 4.840 min Scan# 41

Delta R.T. -0.005 min

Lab File: VN072558.D

Acq: 19 May 2022 16:26

Instrument :

MSVOA_N

ClientSampleId :

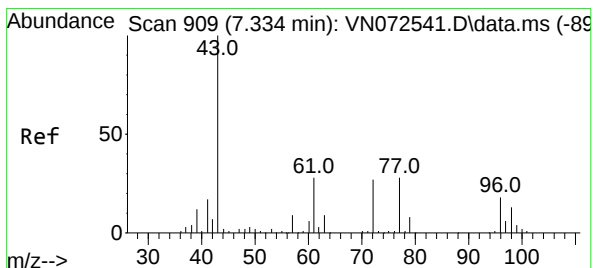
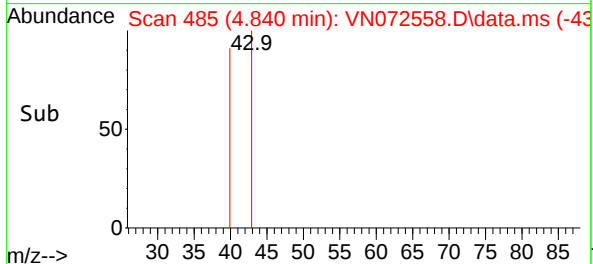
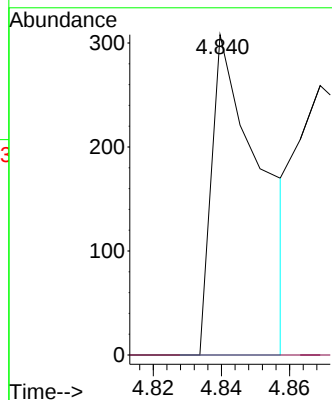
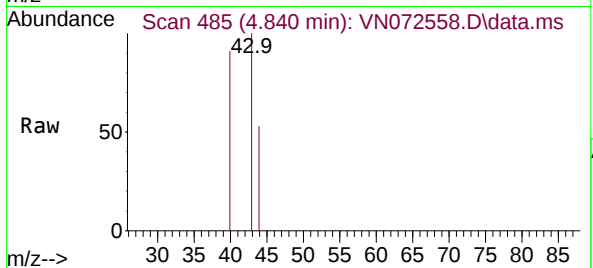
B2-WATER

Tgt Ion: 43 Resp: 310

Ion Ratio Lower Upper

43 100

74 0.0 21.6 32.4#



#25

2-Butanone

Concen: 0.827 ug/l

RT: 7.345 min Scan# 911

Delta R.T. 0.011 min

Lab File: VN072558.D

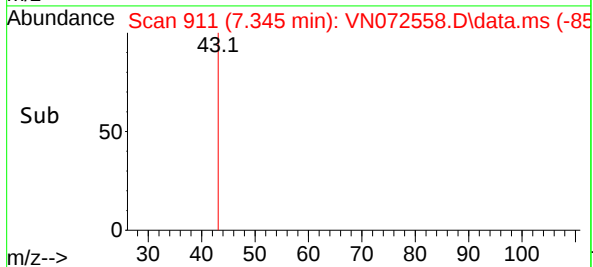
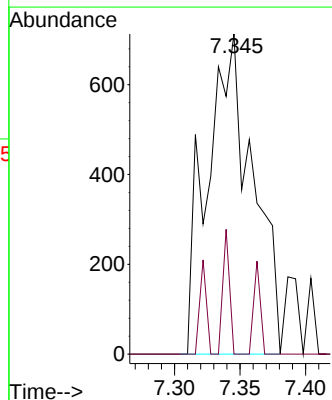
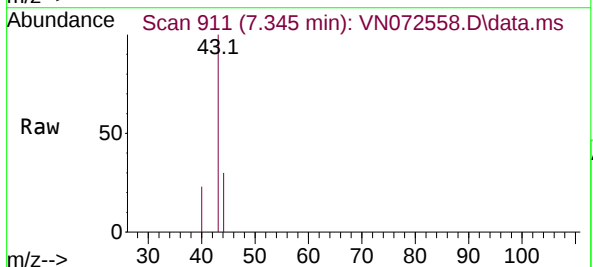
Acq: 19 May 2022 16:26

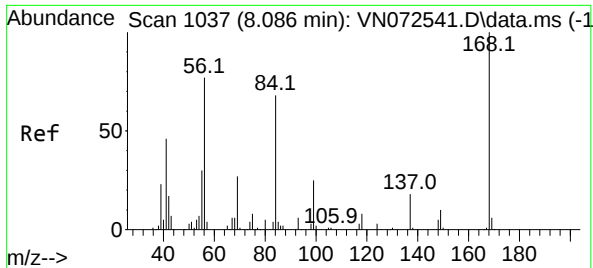
Tgt Ion: 43 Resp: 1722

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#

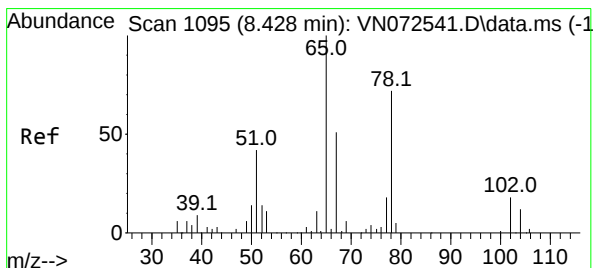
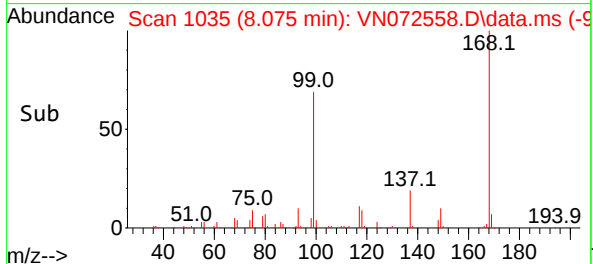
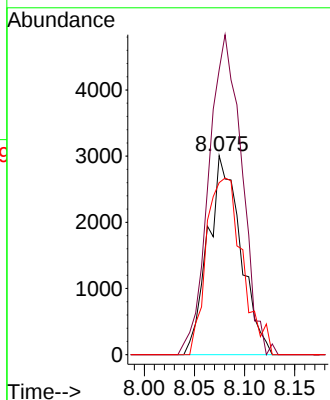
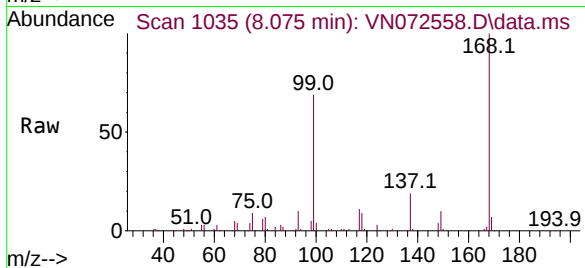




#31
Cyclohexane
Concen: 1.406 ug/l
RT: 8.075 min Scan# 1035
Delta R.T. -0.011 min
Lab File: VN072558.D
Acq: 19 May 2022 16:26

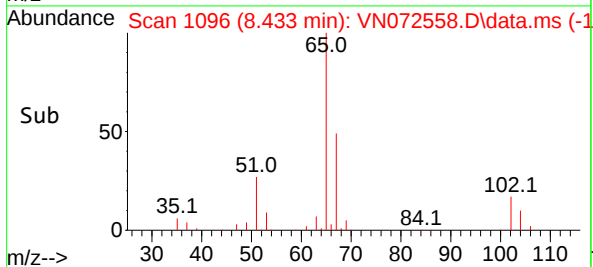
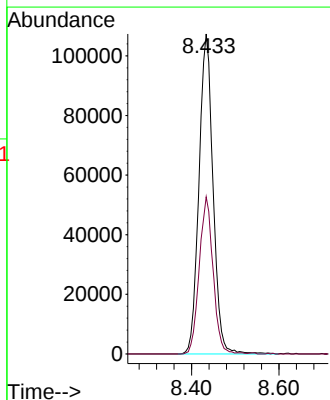
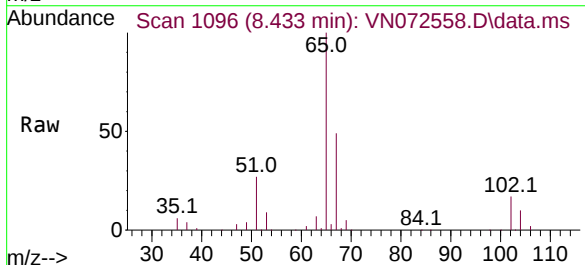
Instrument :
MSVOA_N
ClientSampleId :
B2-WATER

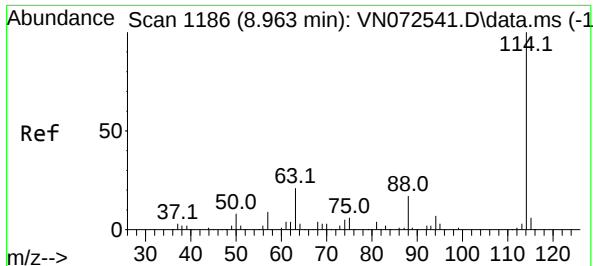
Tgt Ion: 56 Resp: 6825
Ion Ratio Lower Upper
56 100
69 143.1 27.8 41.8#
84 86.4 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 55.132 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.005 min
Lab File: VN072558.D
Acq: 19 May 2022 16:26

Tgt Ion: 65 Resp: 240851
Ion Ratio Lower Upper
65 100
67 48.3 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: VN072558.D

Acq: 19 May 2022 16:26

Instrument :

MSVOA_N

ClientSampleId :

B2-WATER

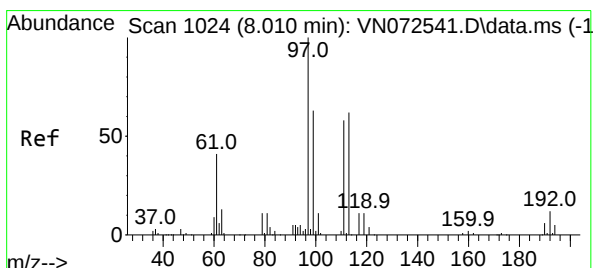
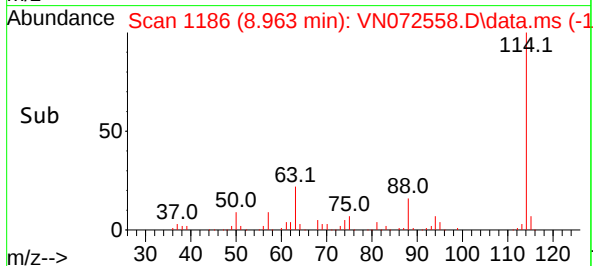
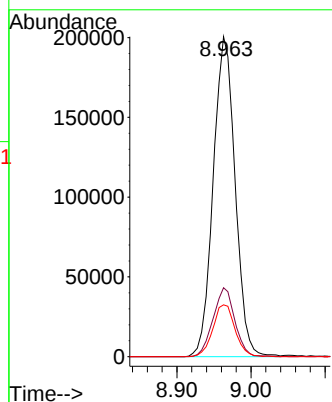
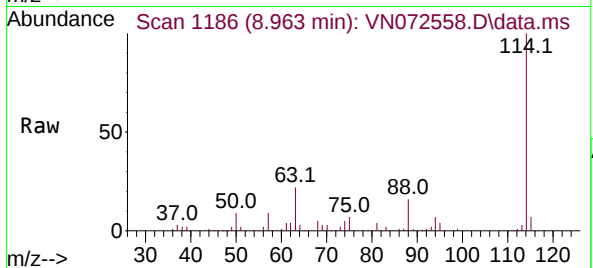
Tgt Ion:114 Resp: 412059

Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.0

88 16.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 57.284 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. 0.006 min

Lab File: VN072558.D

Acq: 19 May 2022 16:26

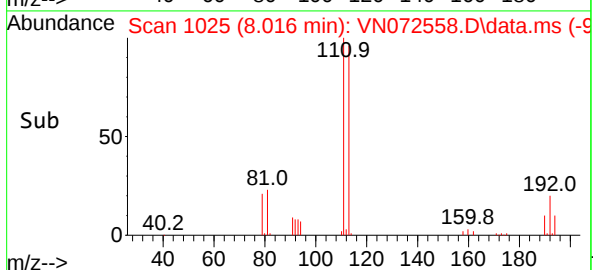
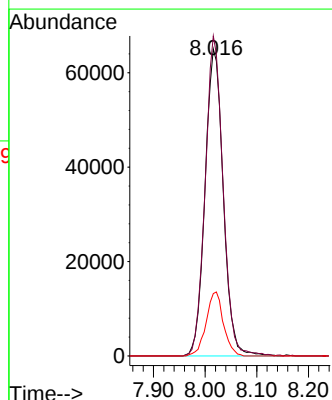
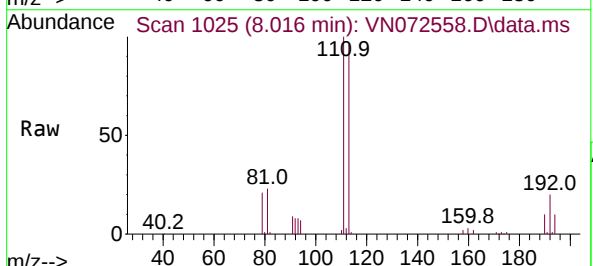
Tgt Ion:113 Resp: 159267

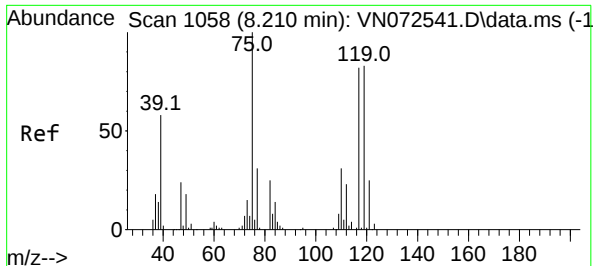
Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

192 19.8 17.0 25.6





#36

1,1-Dichloropropene

Concen: 6.118 ug/l

RT: 8.075 min Scan# 1

Delta R.T. -0.135 min

Lab File: VN072558.D

Acq: 19 May 2022 16:26

Instrument :

MSVOA_N

ClientSampleId :

B2-WATER

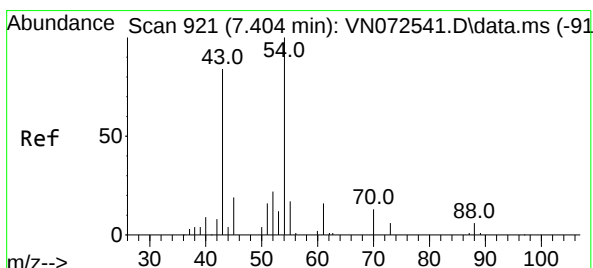
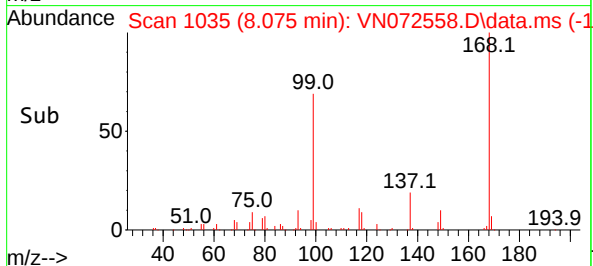
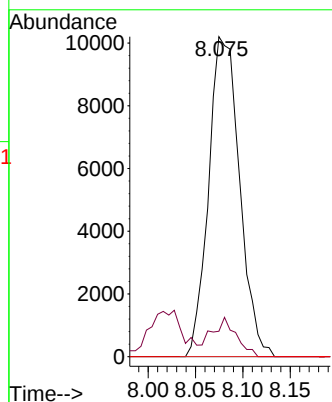
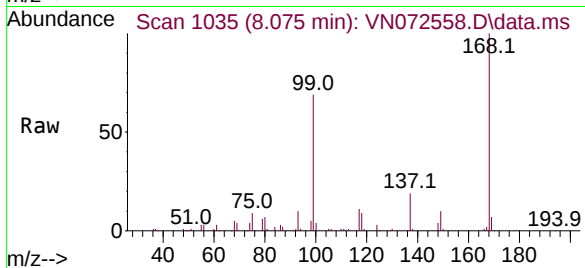
Tgt Ion: 75 Resp: 23156

Ion Ratio Lower Upper

75 100

110 10.0 18.3 54.8#

77 0.0 25.1 37.7#



#37

Ethyl Acetate

Concen: 0.414 ug/l

RT: 7.345 min Scan# 911

Delta R.T. -0.059 min

Lab File: VN072558.D

Acq: 19 May 2022 16:26

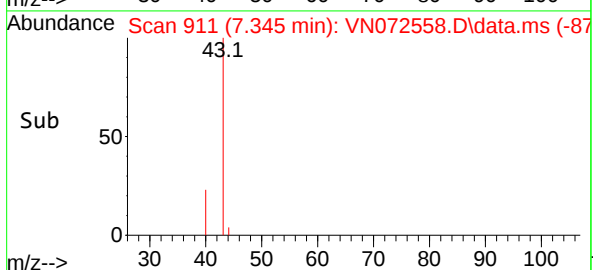
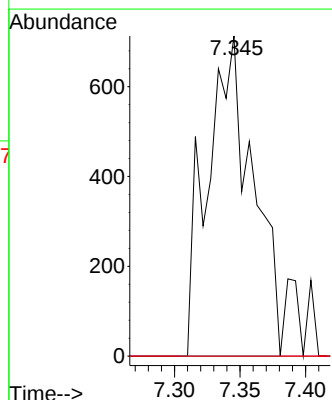
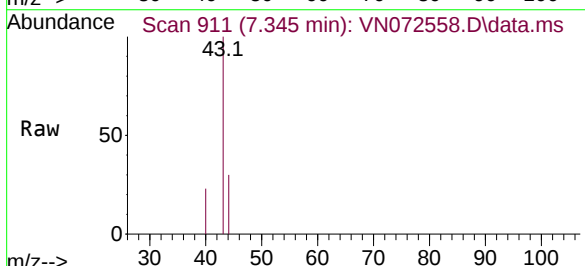
Tgt Ion: 43 Resp: 1722

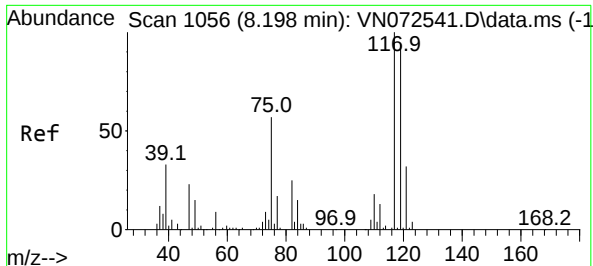
Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.6#

70 0.0 9.3 13.9#

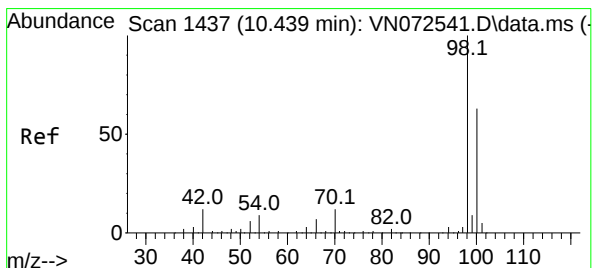
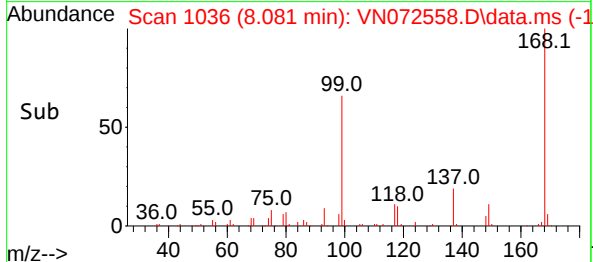
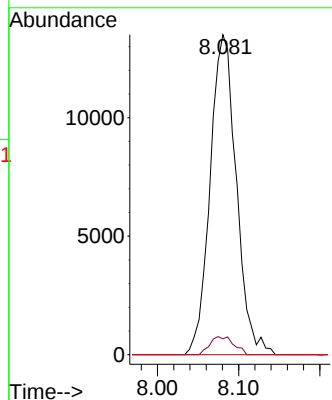
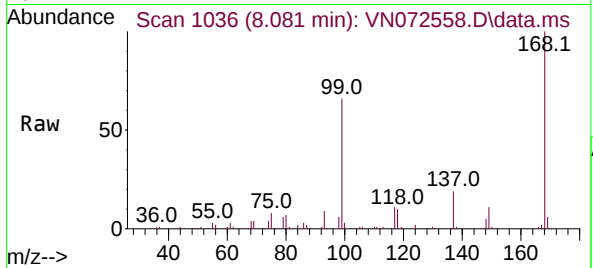




#38
Carbon Tetrachloride
Concen: 6.464 ug/l
RT: 8.081 min Scan# 1056
Delta R.T. -0.117 min
Lab File: VN072558.D
Acq: 19 May 2022 16:26

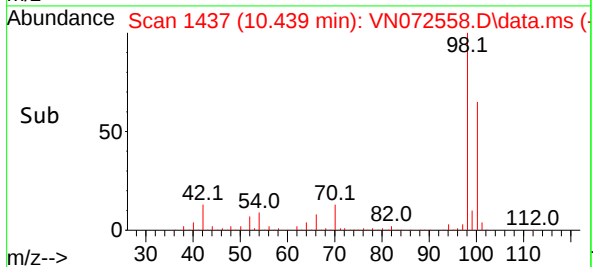
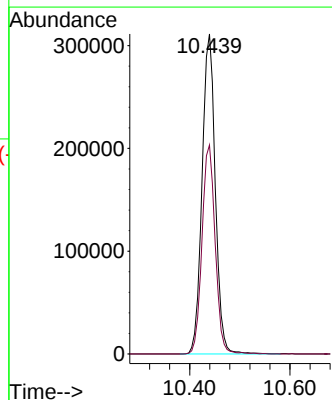
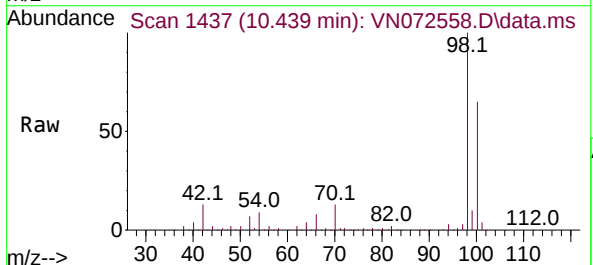
Instrument :
MSVOA_N
ClientSampleId :
B2-WATER

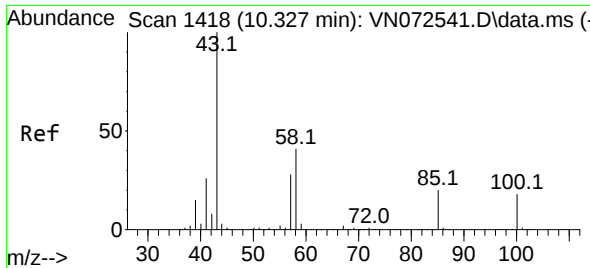
Tgt Ion:117 Resp: 30284
Ion Ratio Lower Upper
117 100
119 4.9 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 54.153 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072558.D
Acq: 19 May 2022 16:26

Tgt Ion: 98 Resp: 569903
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8

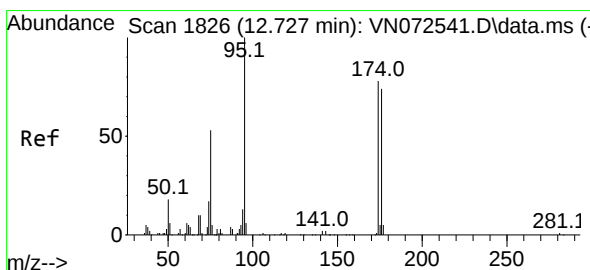
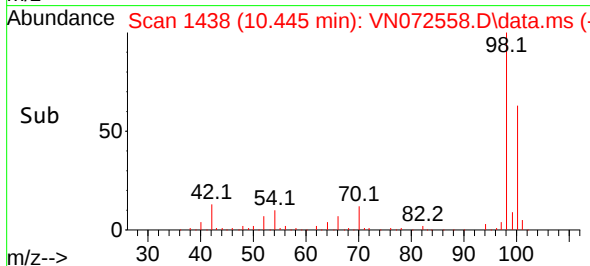
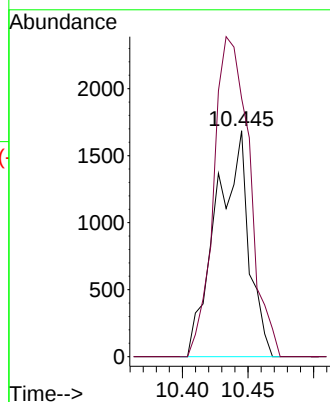
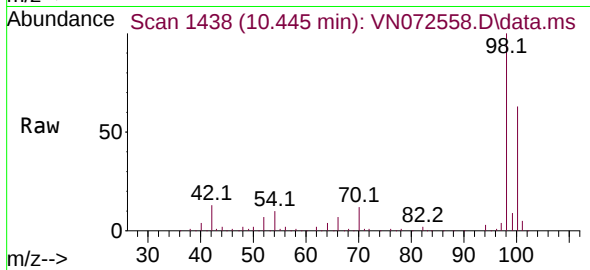




#51
4-Methyl-2-Pentanone
Concen: 0.664 ug/l
RT: 10.445 min Scan# 1418
Delta R.T. 0.118 min
Lab File: VN072558.D
Acq: 19 May 2022 16:26

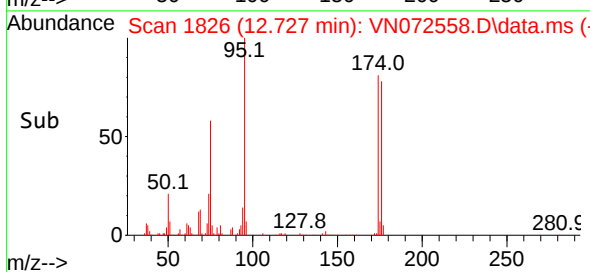
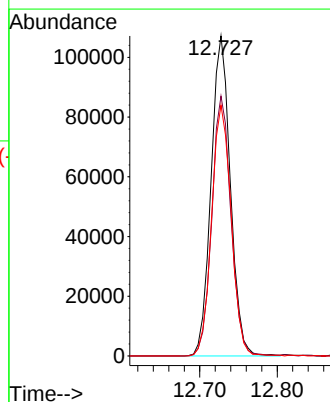
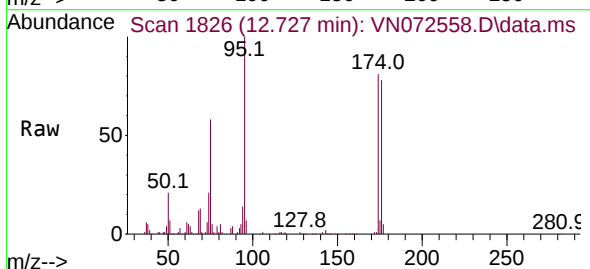
Instrument :
MSVOA_N
ClientSampleId :
B2-WATER

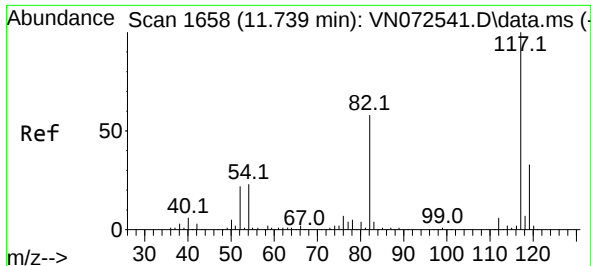
Tgt Ion: 43 Resp: 2929
Ion Ratio Lower Upper
43 100
58 153.8 34.1 51.1#



#62
4-Bromofluorobenzene
Concen: 46.338 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072558.D
Acq: 19 May 2022 16:26

Tgt Ion: 95 Resp: 185241
Ion Ratio Lower Upper
95 100
174 80.4 0.0 167.6
176 79.4 0.0 163.4

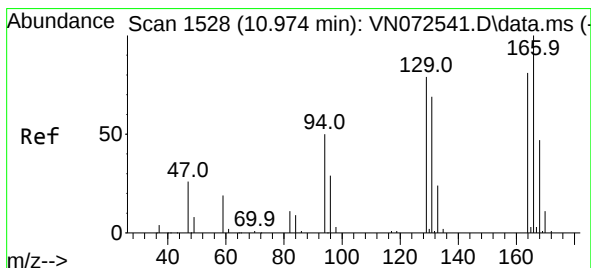
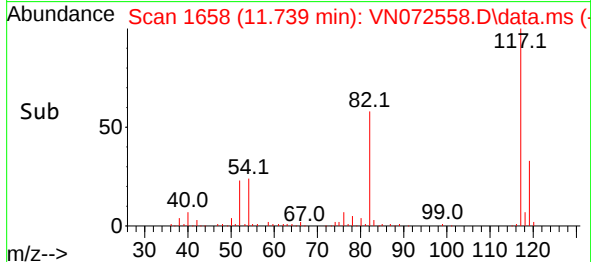
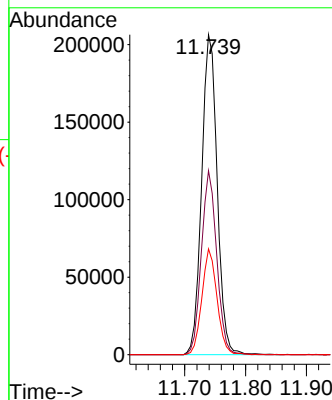
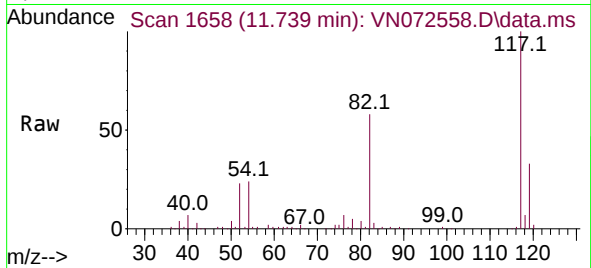




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072558.D
Acq: 19 May 2022 16:26

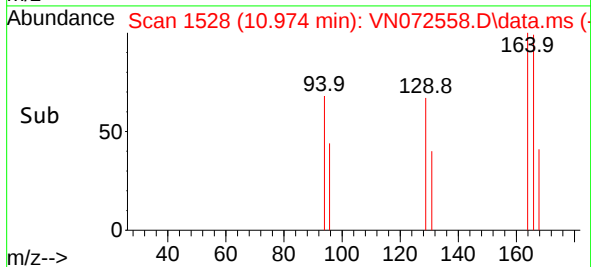
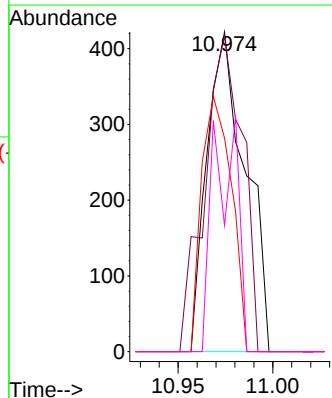
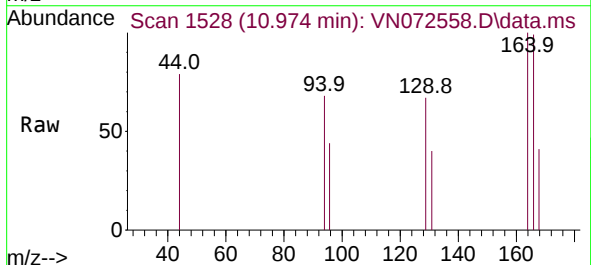
Instrument :
MSVOA_N
ClientSampleId :
B2-WATER

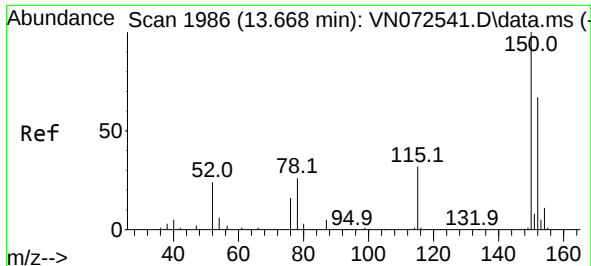
Tgt Ion:117 Resp: 364948
Ion Ratio Lower Upper
117 100
82 57.5 44.2 66.2
119 33.1 25.4 38.0



#64
Tetrachloroethene
Concen: 0.236 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN072558.D
Acq: 19 May 2022 16:26

Tgt Ion:164 Resp: 597
Ion Ratio Lower Upper
164 100
166 98.8 104.2 156.2#
129 66.8 73.9 110.9#
131 39.6 69.4 104.2#

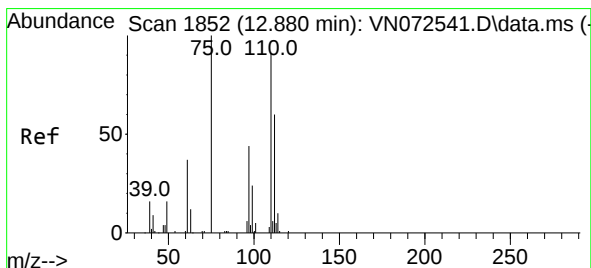
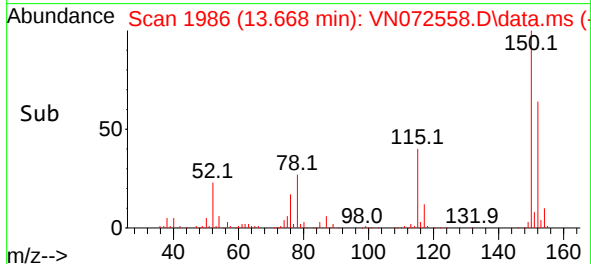
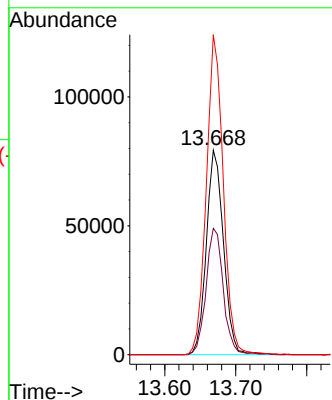
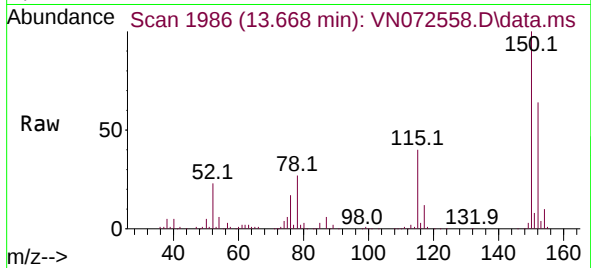




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.668 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN072558.D
 Acq: 19 May 2022 16:26

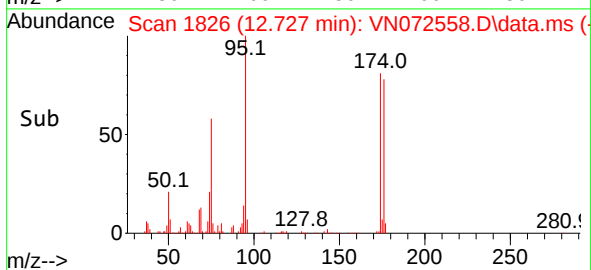
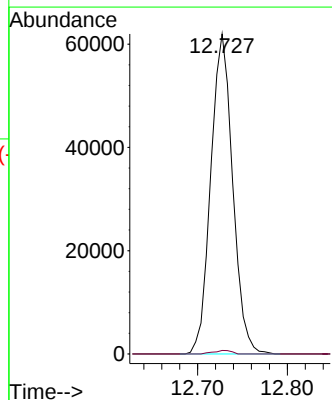
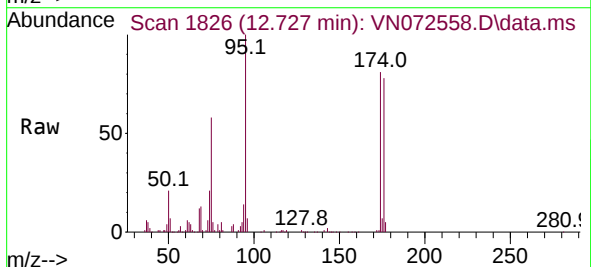
Instrument :
 MSVOA_N
 ClientSampleId :
 B2-WATER

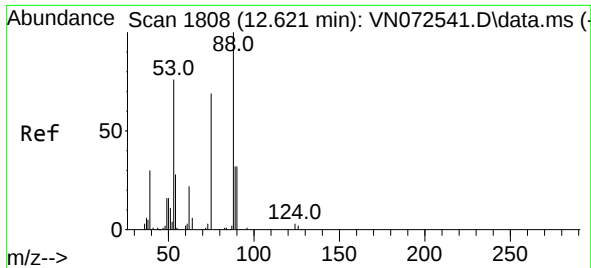
Tgt Ion:152 Resp: 133628
 Ion Ratio Lower Upper
 152 100
 115 62.0 28.9 86.7
 150 154.0 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 26.027 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.153 min
 Lab File: VN072558.D
 Acq: 19 May 2022 16:26

Tgt Ion: 75 Resp: 105065
 Ion Ratio Lower Upper
 75 100
 77 0.9 98.5 295.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.505 ug/l
 RT: 12.727 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN072558.D
 Acq: 19 May 2022 16:26

Instrument :
 MSVOA_N
 ClientSampleId :
 B2-WATER

Tgt Ion: 75 Resp: 105065
 Ion Ratio Lower Upper
 75 100
 53 0.1 78.0 117.0#
 89 0.0 37.2 55.8#

