

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051922\
 Data File : VN072557.D
 Acq On : 19 May 2022 16:02
 Operator : JC\MD
 Sample : N2939-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B1-WATER

Quant Time: May 20 06:53:49 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)

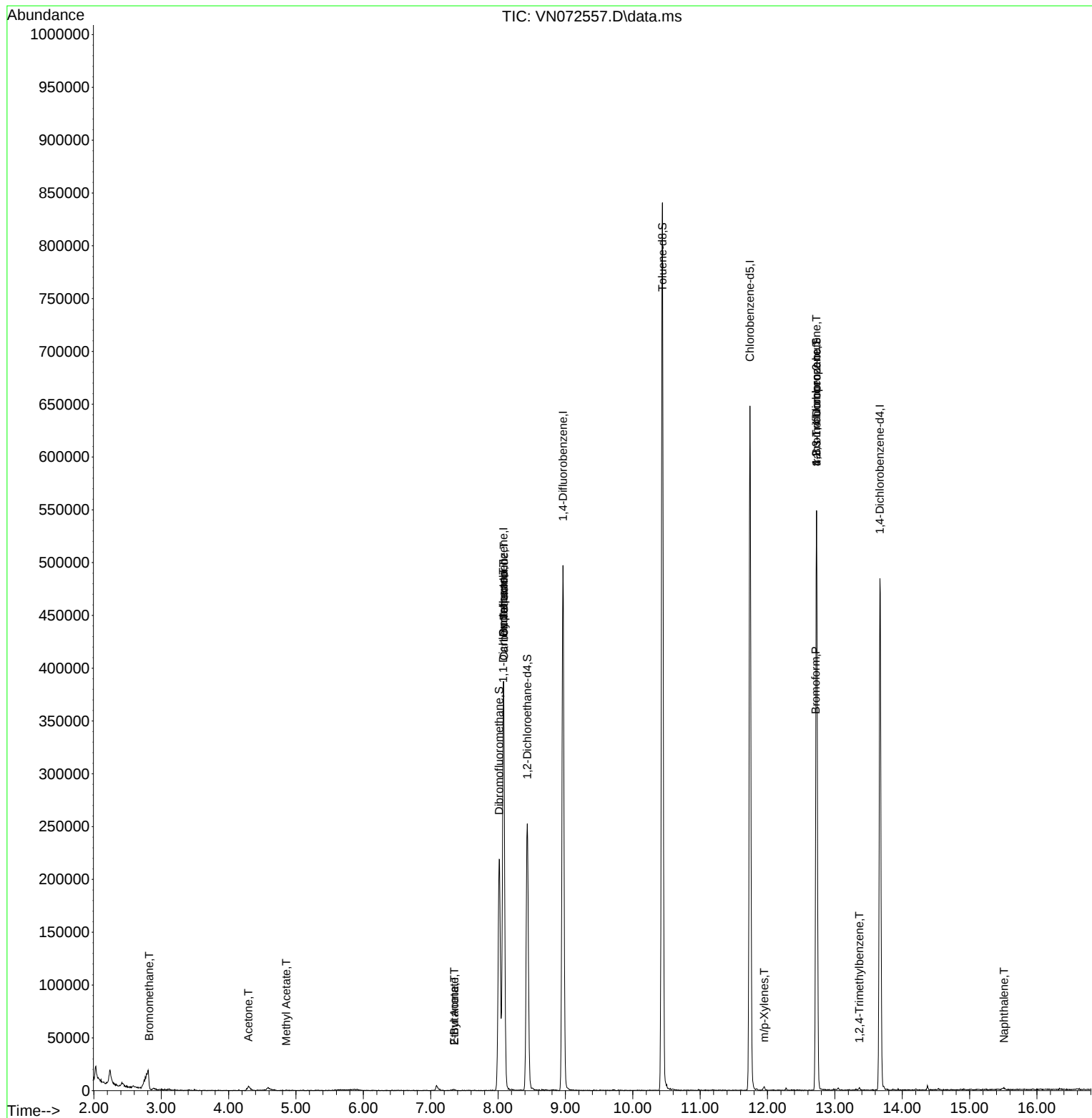
Internal Standards						
1) Pentafluorobenzene	8.080	168	278976	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	420983	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	363140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	132684	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	238507	55.025	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 110.060%	
35) Dibromofluoromethane	8.016	113	157071	55.297	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 110.600%	
50) Toluene-d8	10.439	98	567182	52.752	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 105.500%	
62) 4-Bromofluorobenzene	12.727	95	183275	44.874	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 89.740%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.822	94	504	0.228	ug/l	# 69
6) Chloroethane	2.904	64	656	Below Cal	#	42
16) Acetone	4.292	43	5916	4.503	ug/l	# 83
18) Methyl Acetate	4.857	43	697	0.469	ug/l	# 48
25) 2-Butanone	7.351	43	1578	0.764	ug/l	96
31) Cyclohexane	8.080	56	6429	1.334	ug/l	# 39
36) 1,1-Dichloropropene	8.075	75	22454	5.807	ug/l	# 51
37) Ethyl Acetate	7.351	43	1578	0.371	ug/l	# 67
38) Carbon Tetrachloride	8.086	117	30655	6.405	ug/l	# 16
68) m/p-Xylenes	11.951	106	1169	0.236	ug/l	83
71) Bromoform	12.715	173	561	0.244	ug/l	# 28
76) 1,2,3-Trichloropropane	12.727	75	108357	27.034	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.727	75	108357	112.701	ug/l	# 10
84) 1,2,4-Trimethylbenzene	13.362	105	1869	0.205	ug/l	95
95) Naphthalene	15.509	128	2911	0.498	ug/l	# 91

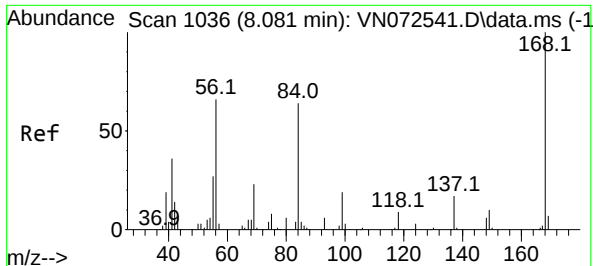
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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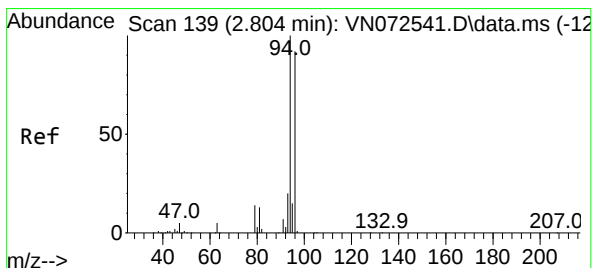
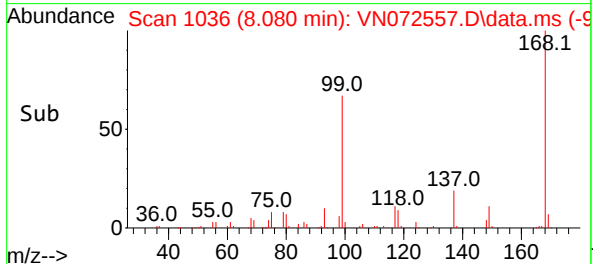
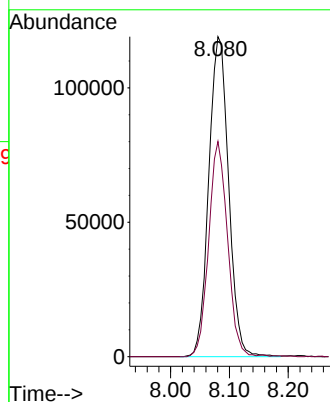
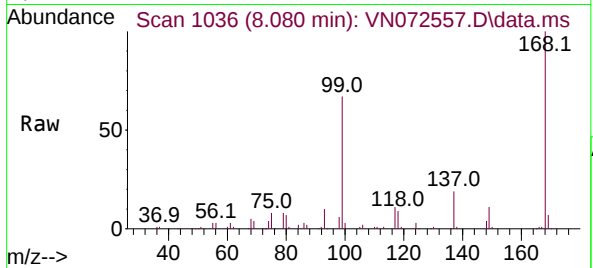




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VN072557.D
Acq: 19 May 2022 16:02

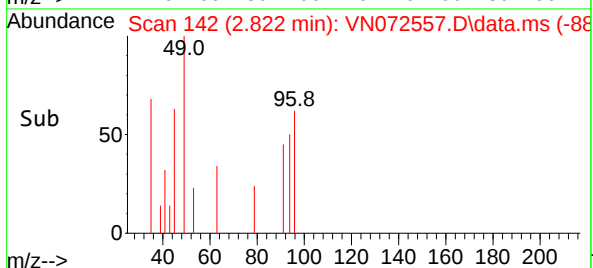
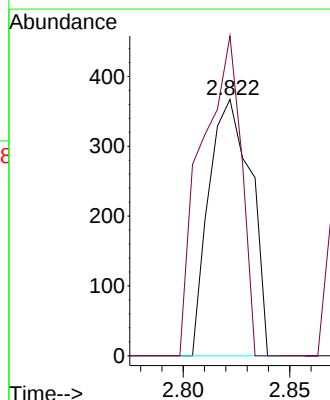
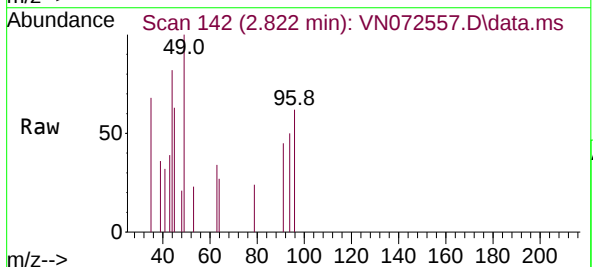
Instrument :
MSVOA_N
ClientSampleId :
B1-WATER

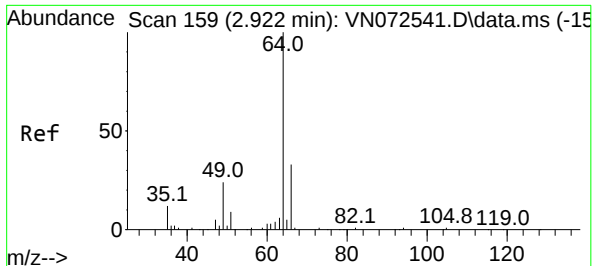
Tgt Ion:168 Resp: 278976
Ion Ratio Lower Upper
168 100
99 67.3 42.3 63.5#



#5
Bromomethane
Concen: 0.228 ug/l
RT: 2.822 min Scan# 142
Delta R.T. 0.018 min
Lab File: VN072557.D
Acq: 19 May 2022 16:02

Tgt Ion: 94 Resp: 504
Ion Ratio Lower Upper
94 100
96 124.8 76.0 114.0#

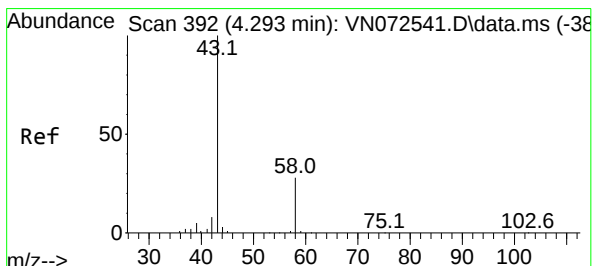
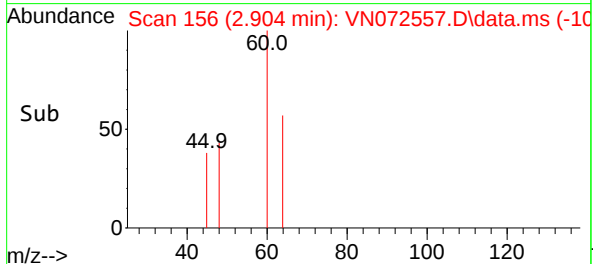
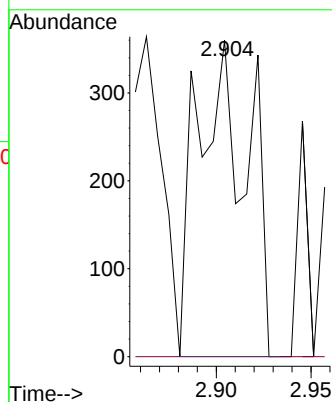
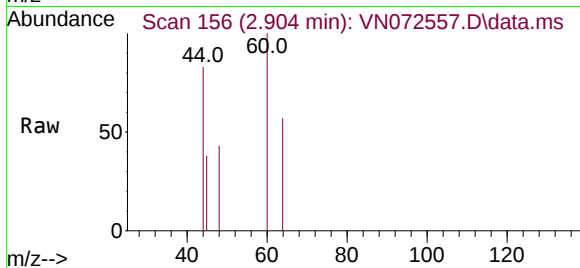




#6
Chloroethane
Concen: Below Cal
RT: 2.904 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN072557.D
Acq: 19 May 2022 16:02

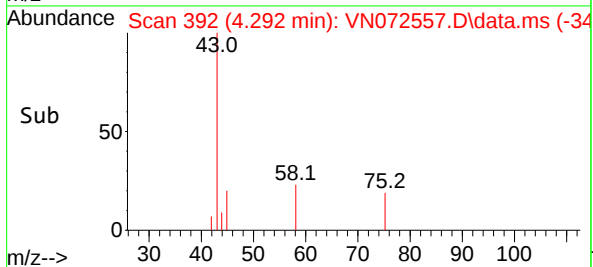
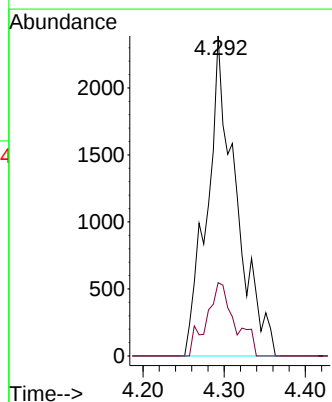
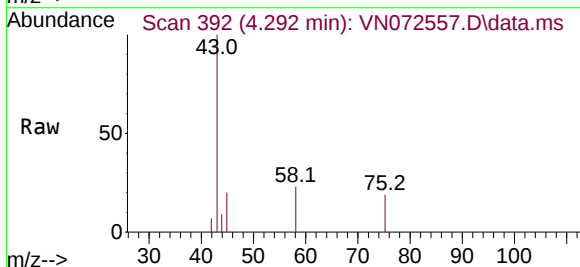
Instrument :
MSVOA_N
ClientSampleId :
B1-WATER

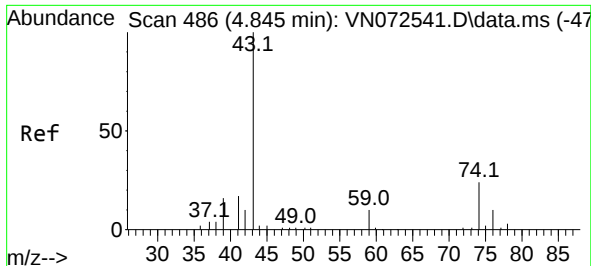
Tgt Ion: 64 Resp: 656
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#16
Acetone
Concen: 4.503 ug/l
RT: 4.292 min Scan# 392
Delta R.T. -0.001 min
Lab File: VN072557.D
Acq: 19 May 2022 16:02

Tgt Ion: 43 Resp: 5916
Ion Ratio Lower Upper
43 100
58 22.9 26.0 39.0#

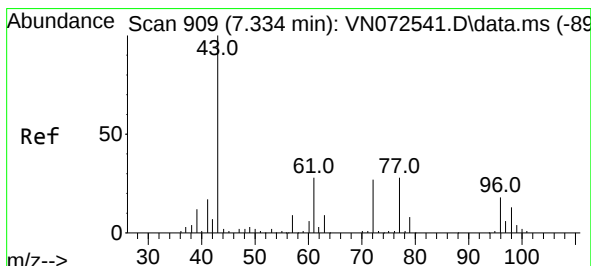
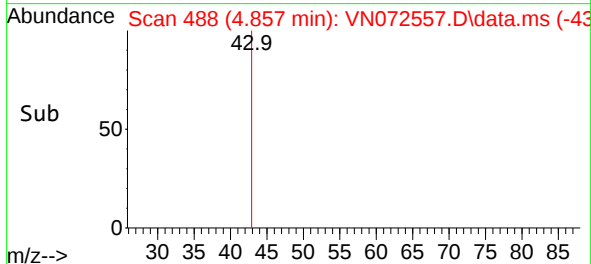
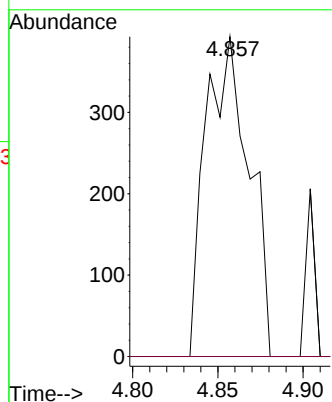
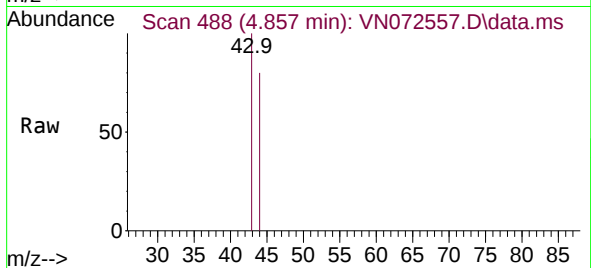




#18
Methyl Acetate
Concen: 0.469 ug/l
RT: 4.857 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN072557.D
Acq: 19 May 2022 16:02

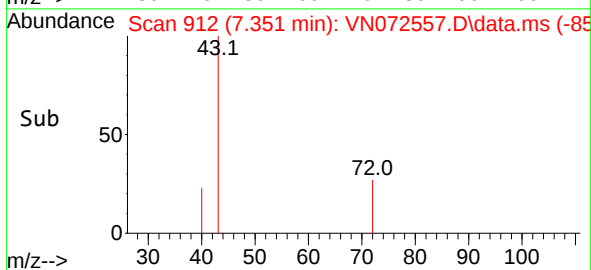
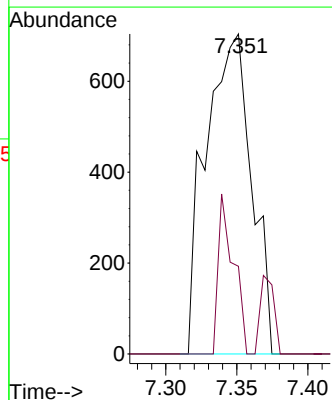
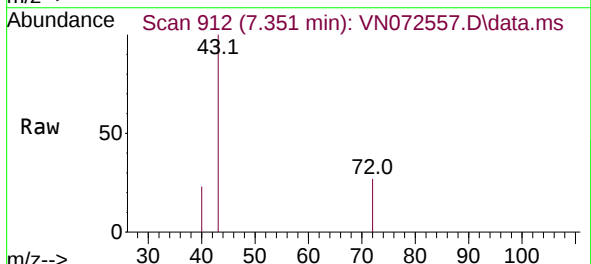
Instrument :
MSVOA_N
ClientSampleId :
B1-WATER

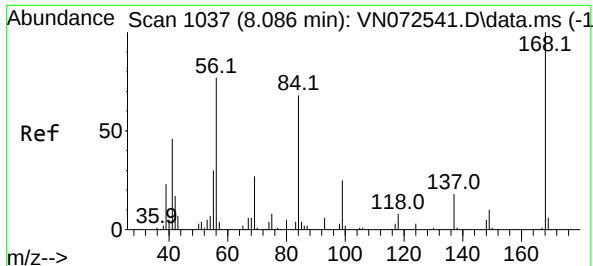
Tgt Ion: 43 Resp: 697
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



#25
2-Butanone
Concen: 0.764 ug/l
RT: 7.351 min Scan# 912
Delta R.T. 0.017 min
Lab File: VN072557.D
Acq: 19 May 2022 16:02

Tgt Ion: 43 Resp: 1578
Ion Ratio Lower Upper
43 100
72 27.4 23.7 35.5

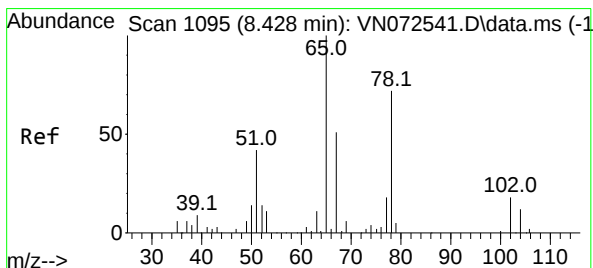
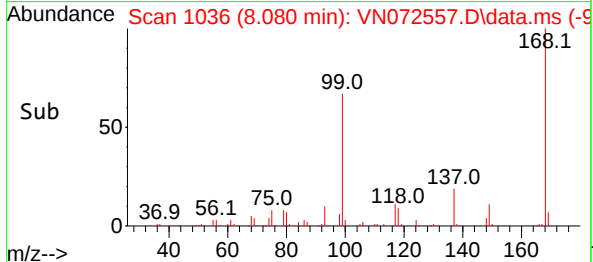
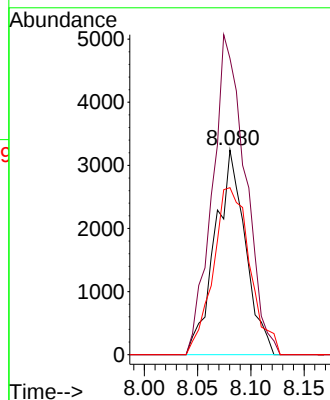
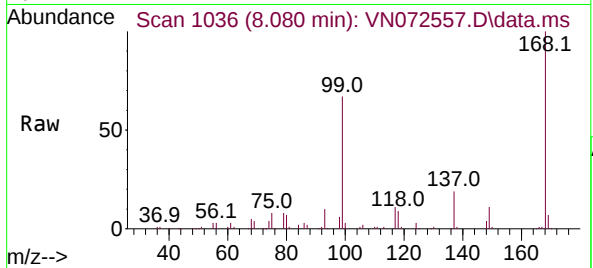




#31
Cyclohexane
Concen: 1.334 ug/l
RT: 8.080 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN072557.D
Acq: 19 May 2022 16:02

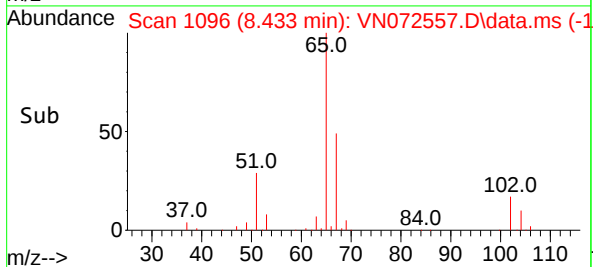
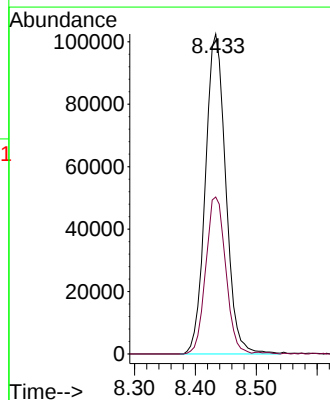
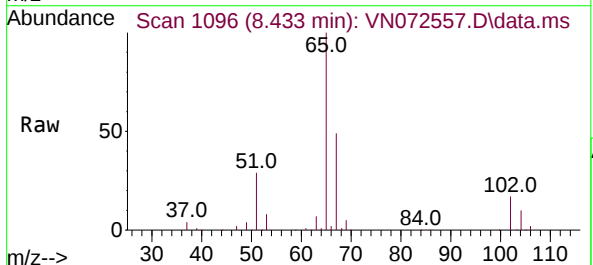
Instrument :
MSVOA_N
ClientSampleId :
B1-WATER

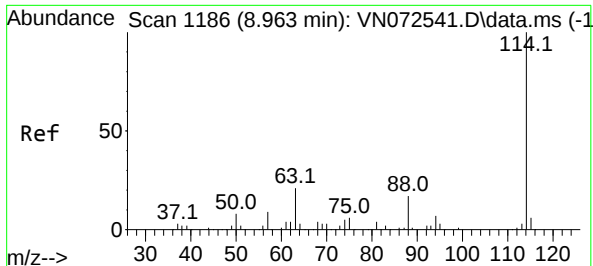
Tgt Ion: 56 Resp: 6429
Ion Ratio Lower Upper
56 100
69 144.8 27.8 41.8#
84 81.6 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 55.025 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.005 min
Lab File: VN072557.D
Acq: 19 May 2022 16:02

Tgt Ion: 65 Resp: 238507
Ion Ratio Lower Upper
65 100
67 48.0 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: VN072557.D

Acq: 19 May 2022 16:02

Instrument :

MSVOA_N

ClientSampleId :

B1-WATER

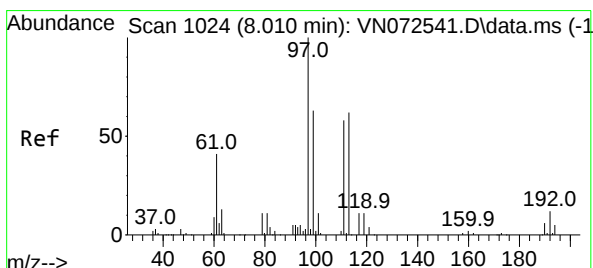
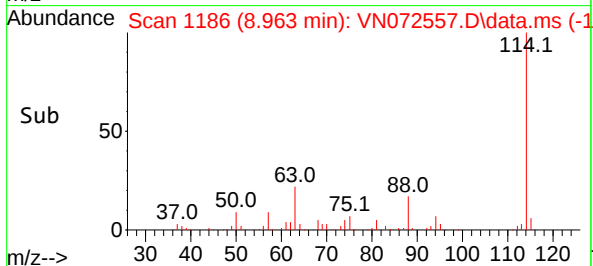
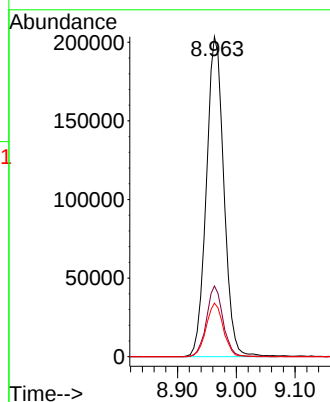
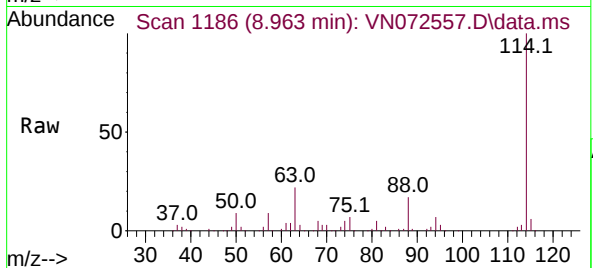
Tgt Ion:114 Resp: 420983

Ion Ratio Lower Upper

114 100

63 22.1 0.0 40.0

88 16.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 55.297 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. 0.006 min

Lab File: VN072557.D

Acq: 19 May 2022 16:02

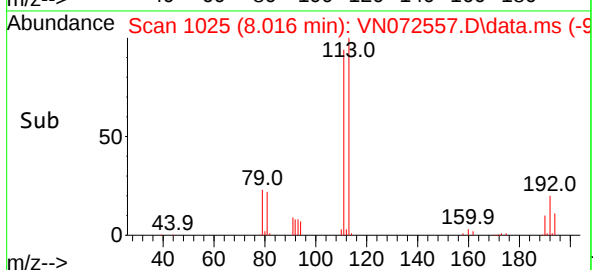
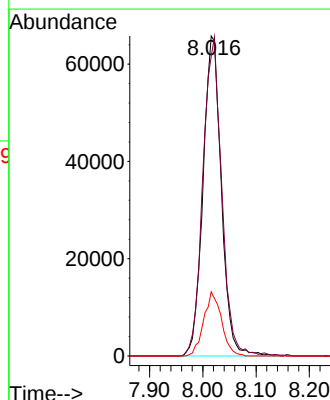
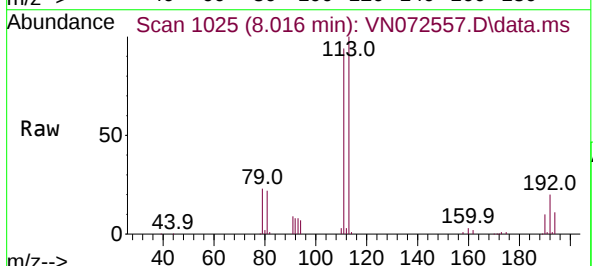
Tgt Ion:113 Resp: 157071

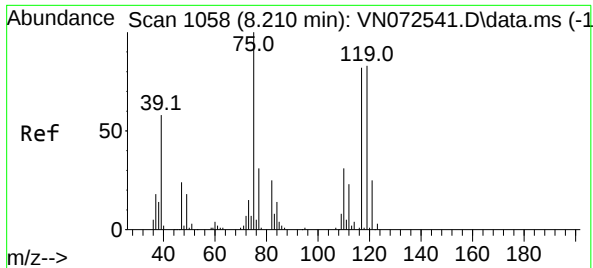
Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

192 19.5 17.0 25.6

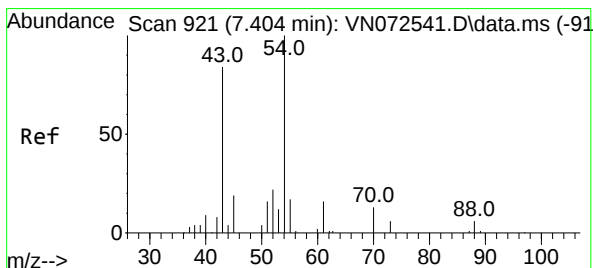
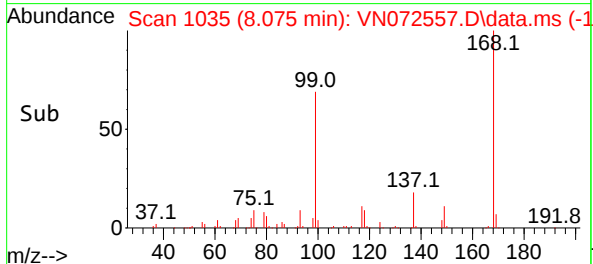
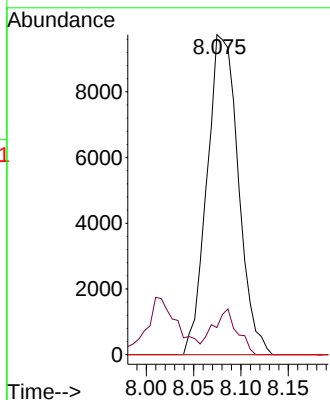
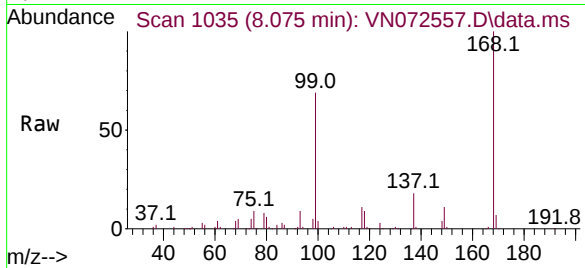




#36
1,1-Dichloropropene
Concen: 5.807 ug/l
RT: 8.075 min Scan# 1058
Delta R.T. -0.135 min
Lab File: VN072557.D
Acq: 19 May 2022 16:02

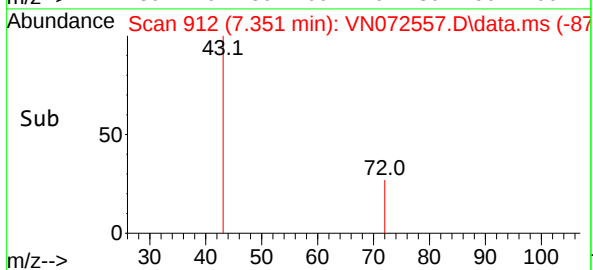
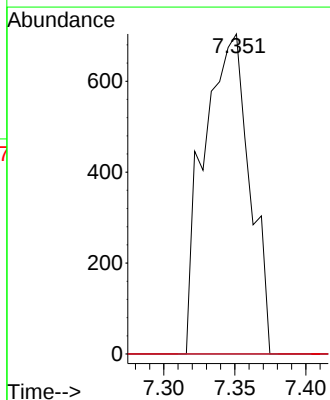
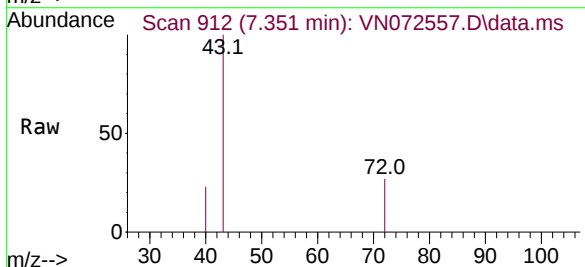
Instrument :
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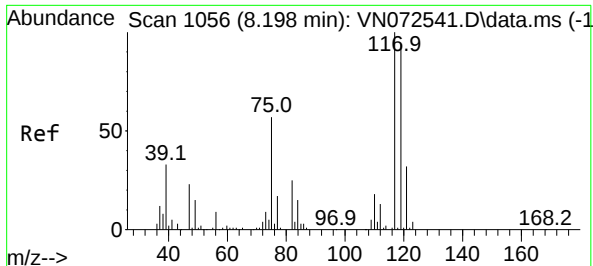
Tgt Ion: 75 Resp: 22454
Ion Ratio Lower Upper
75 100
110 11.1 18.3 54.8#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 0.371 ug/l
RT: 7.351 min Scan# 912
Delta R.T. -0.053 min
Lab File: VN072557.D
Acq: 19 May 2022 16:02

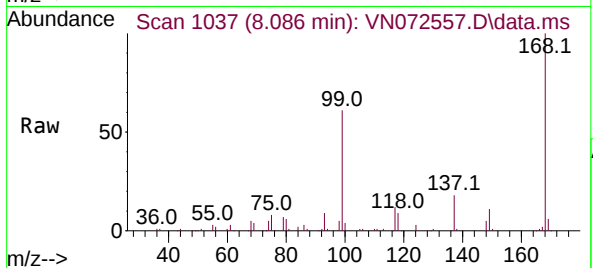
Tgt Ion: 43 Resp: 1578
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 9.3 13.9#



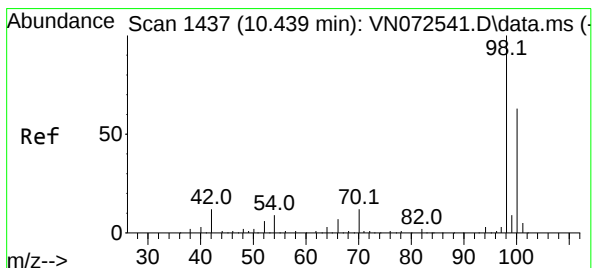
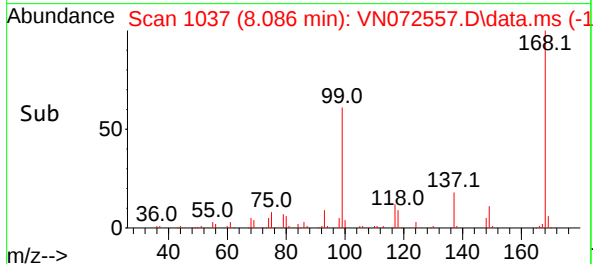
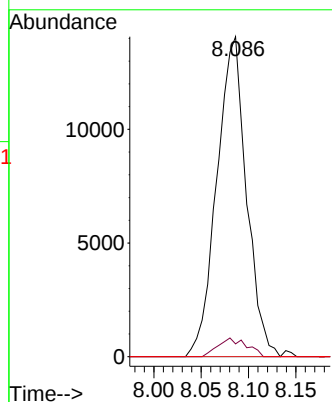


#38
Carbon Tetrachloride
Concen: 6.405 ug/l
RT: 8.086 min Scan# 1056
Delta R.T. -0.112 min
Lab File: VN072557.D
Acq: 19 May 2022 16:02

Instrument :
MSVOA_N
ClientSampleId :
B1-WATER

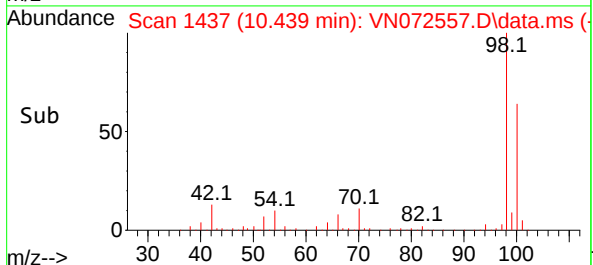
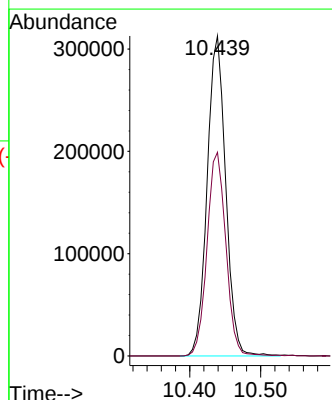
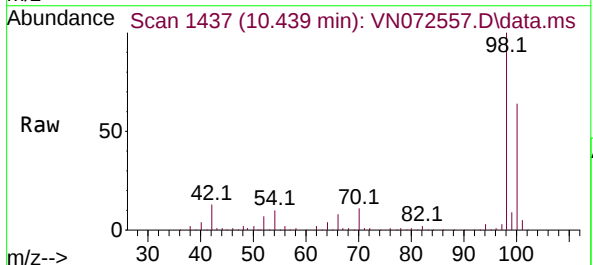


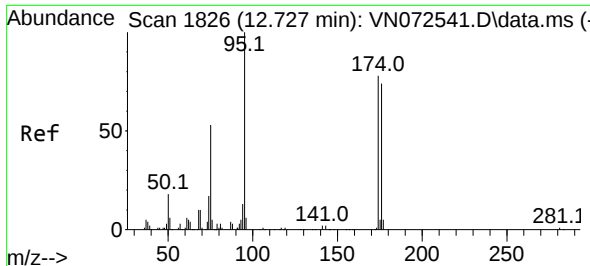
Tgt Ion:117 Resp: 30655
Ion Ratio Lower Upper
117 100
119 4.0 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 52.752 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072557.D
Acq: 19 May 2022 16:02

Tgt Ion: 98 Resp: 567182
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8

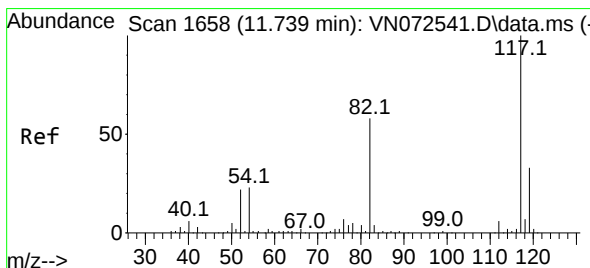
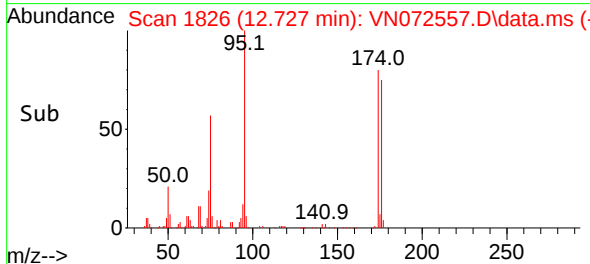
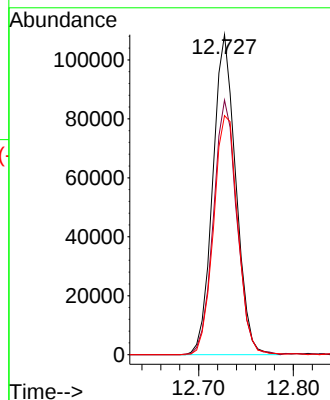
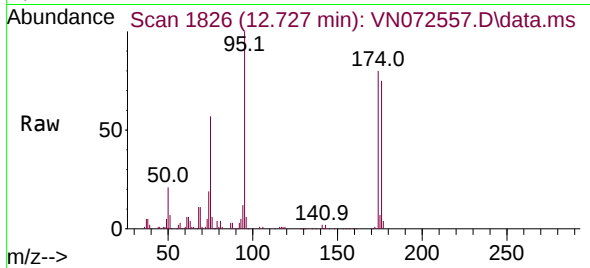




#62
4-Bromofluorobenzene
Concen: 44.874 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072557.D
Acq: 19 May 2022 16:02

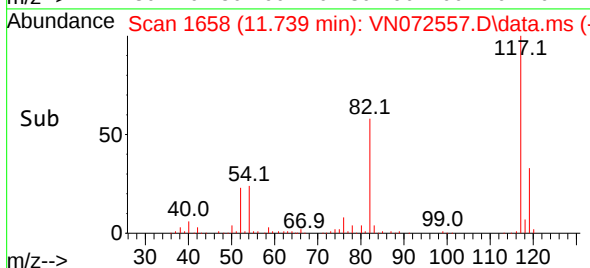
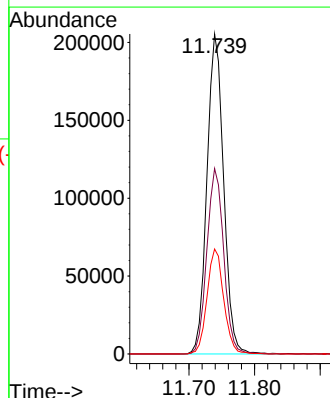
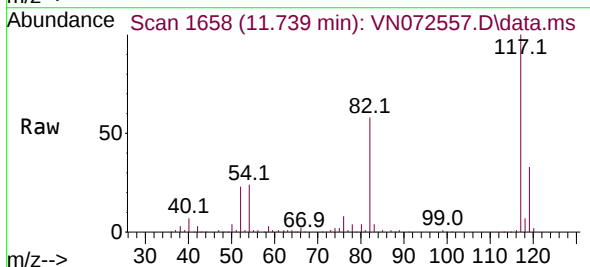
Instrument :
MSVOA_N
ClientSampleId :
B1-WATER

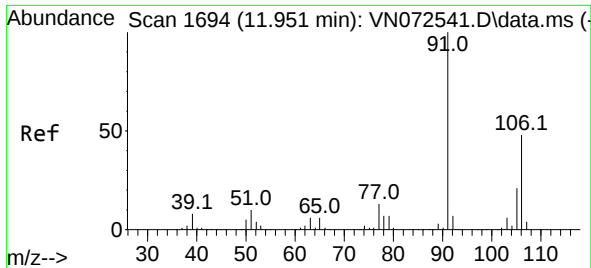
Tgt Ion: 95 Resp: 183275
Ion Ratio Lower Upper
95 100
174 80.8 0.0 167.6
176 78.7 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072557.D
Acq: 19 May 2022 16:02

Tgt Ion: 117 Resp: 363140
Ion Ratio Lower Upper
117 100
82 57.9 44.2 66.2
119 32.8 25.4 38.0

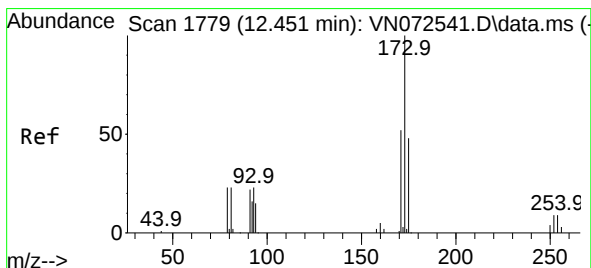
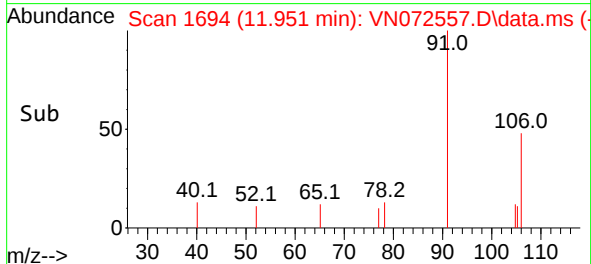
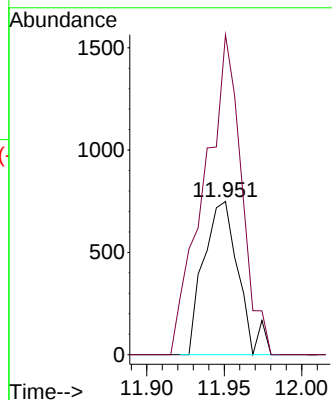
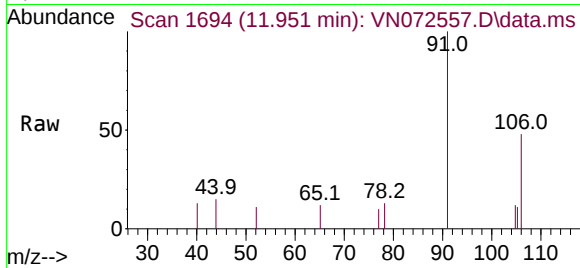




#68
m/p-Xylenes
Concen: 0.236 ug/l
RT: 11.951 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VN072557.D
Acq: 19 May 2022 16:02

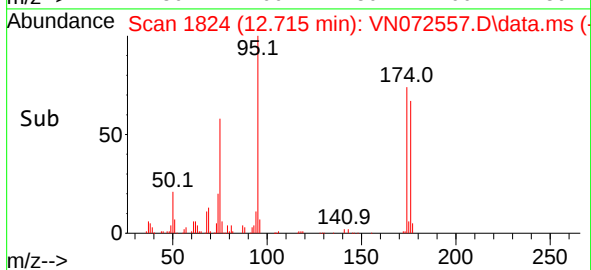
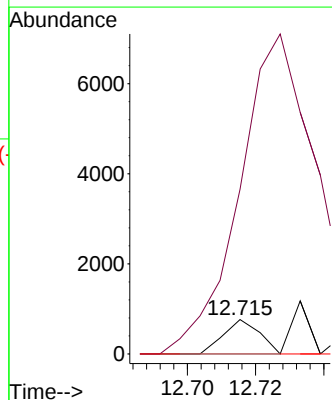
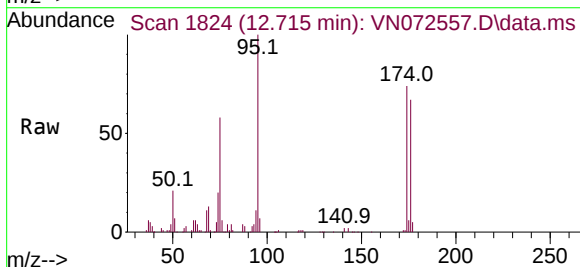
Instrument :
MSVOA_N
ClientSampleId :
B1-WATER

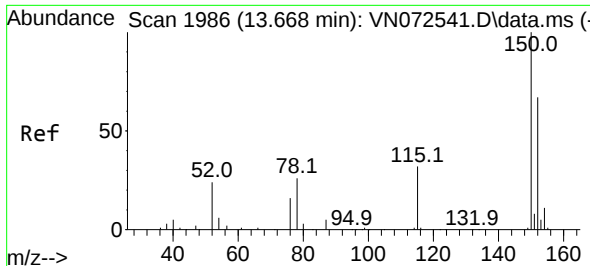
Tgt Ion:106 Resp: 1169
Ion Ratio Lower Upper
106 100
91 224.5 158.9 238.3



#71
Bromoform
Concen: 0.244 ug/l
RT: 12.715 min Scan# 1824
Delta R.T. 0.264 min
Lab File: VN072557.D
Acq: 19 May 2022 16:02

Tgt Ion:173 Resp: 561
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#

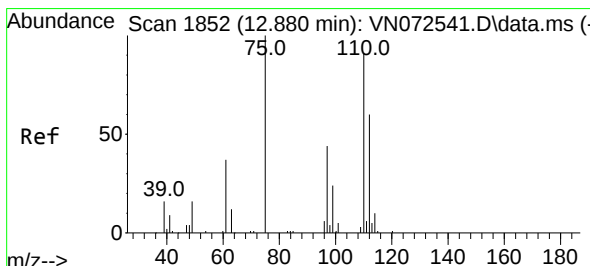
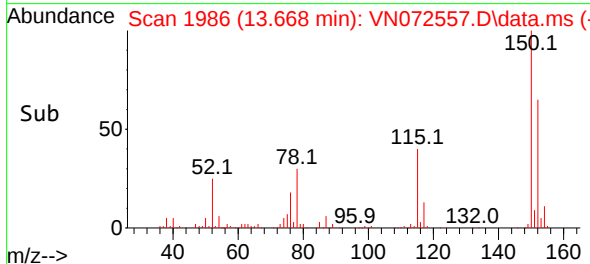
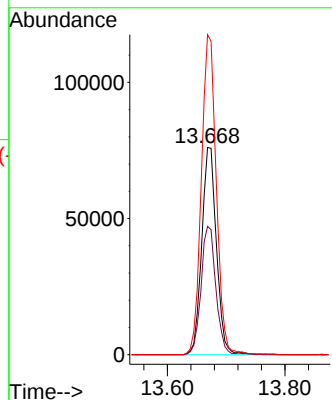
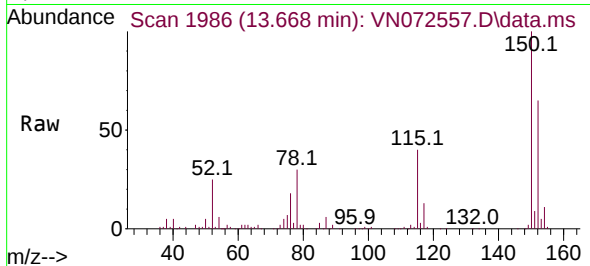




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.668 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN072557.D
 Acq: 19 May 2022 16:02

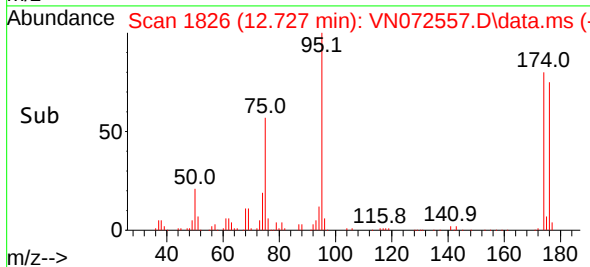
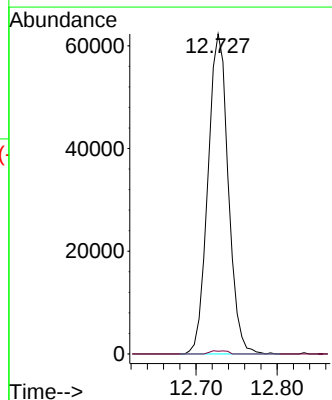
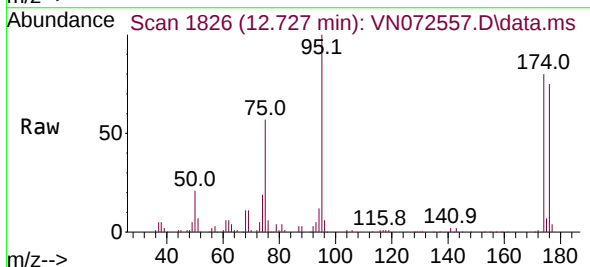
Instrument :
 MSVOA_N
 ClientSampleId :
 B1-WATER

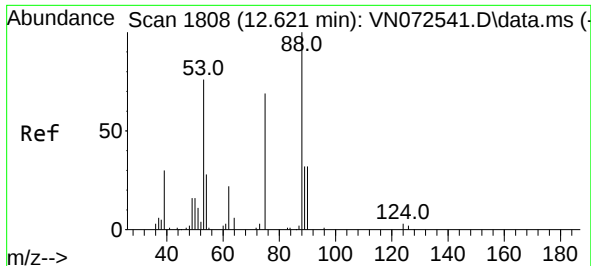
Tgt Ion:152 Resp: 132684
 Ion Ratio Lower Upper
 152 100
 115 61.9 28.9 86.7
 150 156.4 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 27.034 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.153 min
 Lab File: VN072557.D
 Acq: 19 May 2022 16:02

Tgt Ion: 75 Resp: 108357
 Ion Ratio Lower Upper
 75 100
 77 0.8 98.5 295.5#

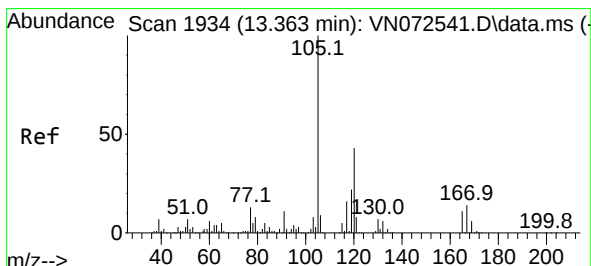
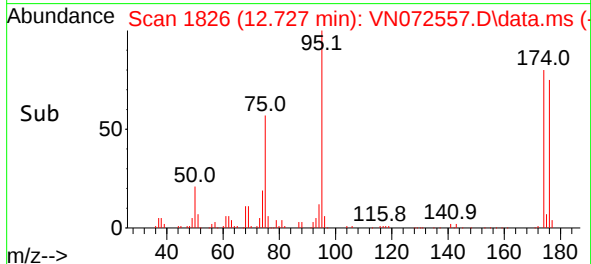
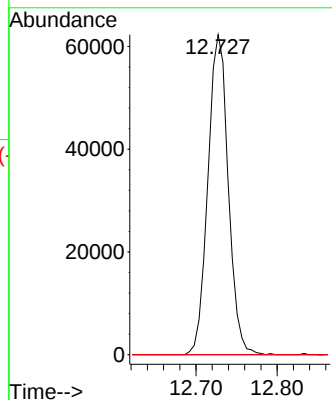
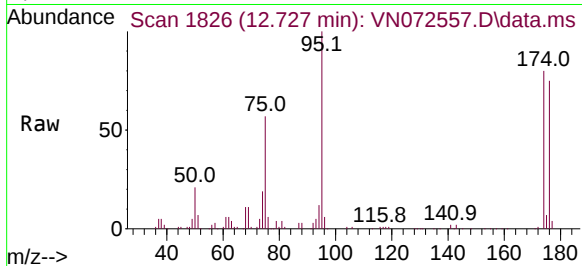




#81
trans-1,4-Dichloro-2-butene
Concen: 112.701 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN072557.D
Acq: 19 May 2022 16:02

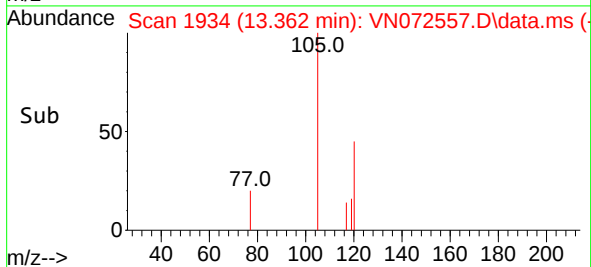
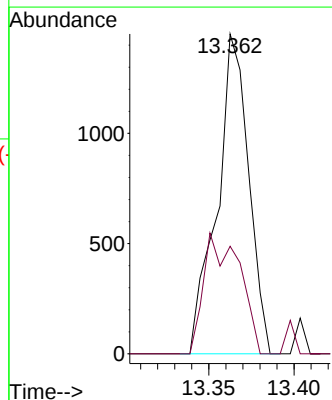
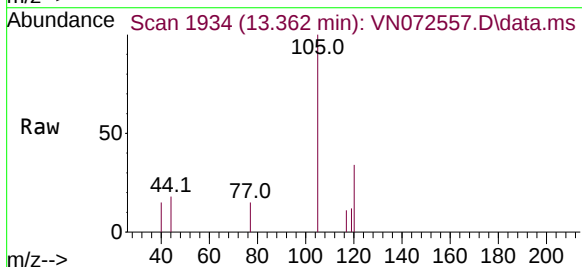
Instrument :
MSVOA_N
ClientSampleId :
B1-WATER

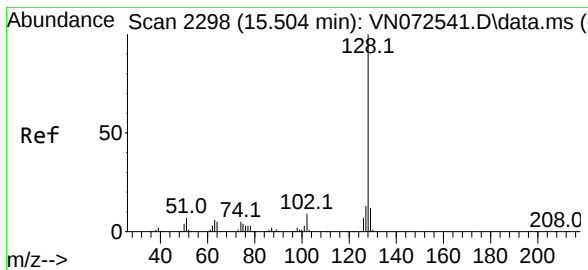
Tgt Ion: 75 Resp: 108357
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#84
1,2,4-Trimethylbenzene
Concen: 0.205 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN072557.D
Acq: 19 May 2022 16:02

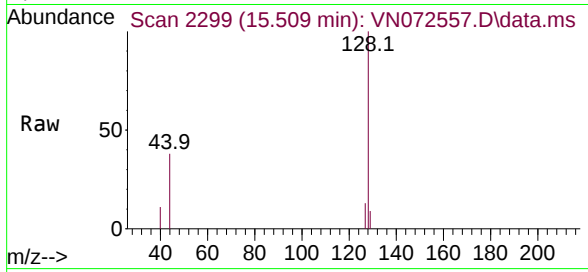
Tgt Ion:105 Resp: 1869
Ion Ratio Lower Upper
105 100
120 42.9 23.3 69.8





#95
 Naphthalene
 Concen: 0.498 ug/l
 RT: 15.509 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: VN072557.D
 Acq: 19 May 2022 16:02

Instrument :
 MSVOA_N
 ClientSampleId :
 B1-WATER



Tgt Ion:	128	Resp:	2911
Ion	Ratio	Lower	Upper
128	100		
127	9.2	10.3	15.5#
129	7.6	8.6	13.0#

