

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072823\
 Data File : VN078695.D
 Acq On : 28 Jul 2023 19:20
 Operator : JC\MD
 Sample : 03820-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Jul 29 00:54:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

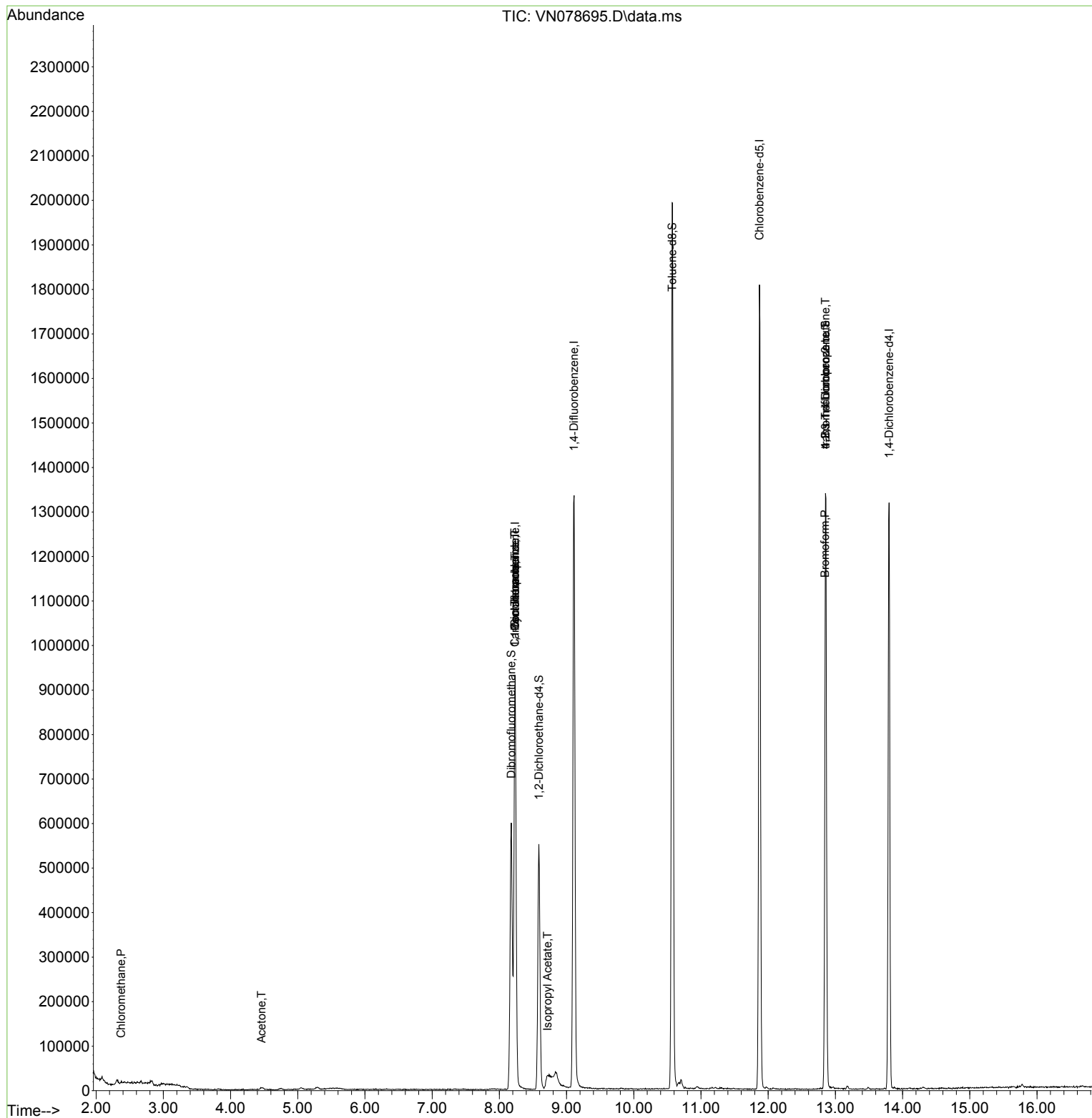
Internal Standards						
1) Pentafluorobenzene	8.235	168	702221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	1230735	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	1125986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	383803	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	449716	47.771	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.540%
35) Dibromofluoromethane	8.177	113	439828	52.645	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.280%
50) Toluene-d8	10.571	98	1502202	47.596	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.200%
62) 4-Bromofluorobenzene	12.853	95	518597	53.345	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.700%
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	3177	0.340	ug/l #	87
5) Bromomethane	2.971	94	1893	Below Cal	#	69
6) Chloroethane	2.971	64	1573	Below Cal	#	68
16) Acetone	4.459	43	8096	2.761	ug/l	89
20) Methylene Chloride	5.277	84	3745	Below Cal	#	68
31) Cyclohexane	8.235	56	13061	1.027	ug/l #	18
36) 1,1-Dichloropropene	8.230	75	52309	4.336	ug/l #	49
38) Carbon Tetrachloride	8.230	117	73609	5.614	ug/l #	17
43) Isopropyl Acetate	8.718	43	25763	1.556	ug/l #	49
71) Bromoform	12.847	173	1578	0.241	ug/l #	28
75) 1,1,2,2-Tetrachloroethane	12.935	83	140	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.853	75	246446	26.565	ug/l #	1
77) Bromobenzene	12.841	156	65	Below Cal	#	1
81) trans-1,4-Dichloro-2-b...	12.853	75	246446	69.809	ug/l #	15
92) 1,2-Dibromo-3-Chloropr...	14.694	75	59	Below Cal	#	4

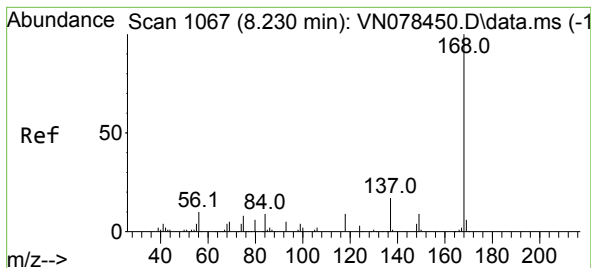
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072823\
Data File : VN078695.D
Acq On : 28 Jul 2023 19:20
Operator : JC\MD
Sample : 03820-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Jul 29 00:54:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 10 16:13:53 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. 0.005 min

Lab File: VN078695.D

Acq: 28 Jul 2023 19:20

Instrument :

MSVOA_N

ClientSampleId :

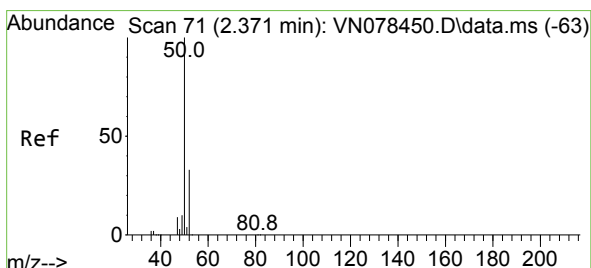
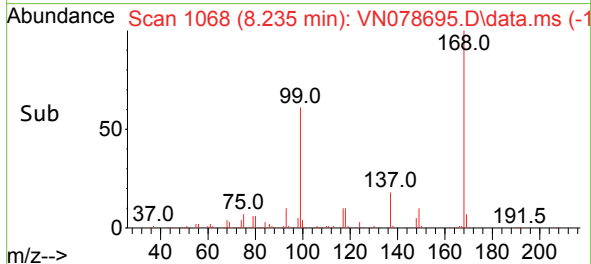
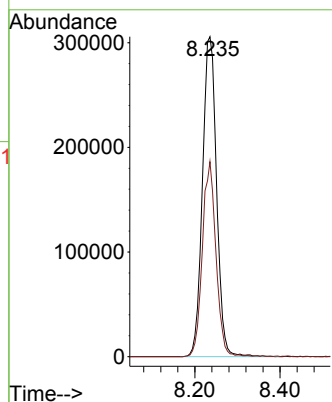
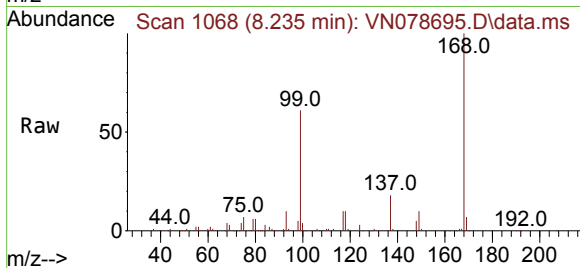
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion:168 Resp: 702221

Ion Ratio Lower Upper

168 100

99 60.9 53.0 79.6



#3

Chloromethane

Concen: 0.340 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN078695.D

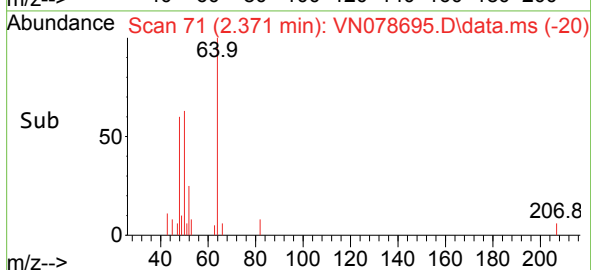
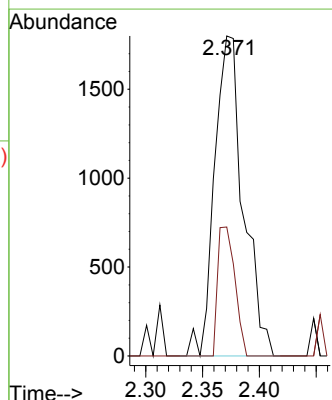
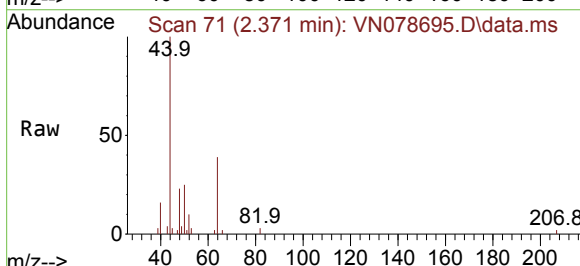
Acq: 28 Jul 2023 19:20

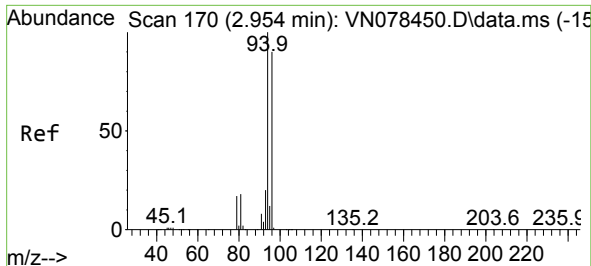
Tgt Ion: 50 Resp: 3177

Ion Ratio Lower Upper

50 100

52 40.3 26.5 39.7#

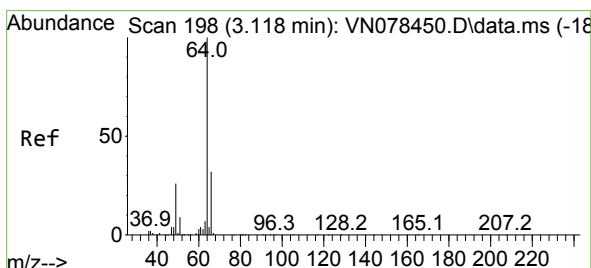
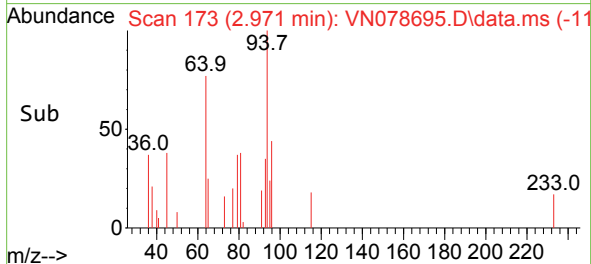
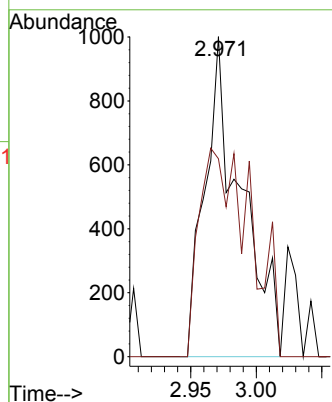
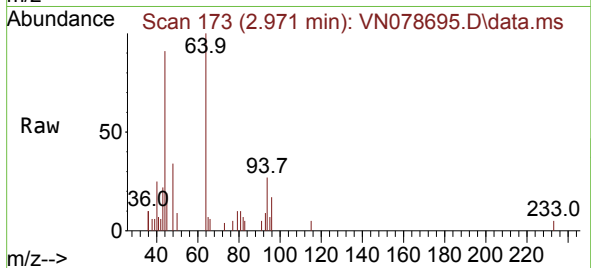




#5
Bromomethane
Concen: Below Cal
RT: 2.971 min Scan# 173
Delta R.T. 0.017 min
Lab File: VN078695.D
Acq: 28 Jul 2023 19:20

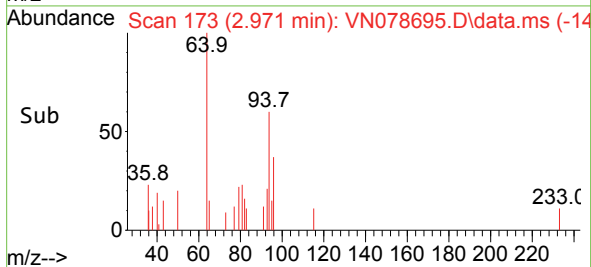
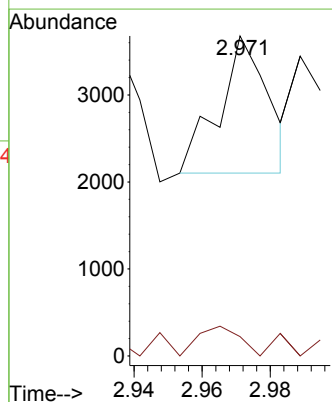
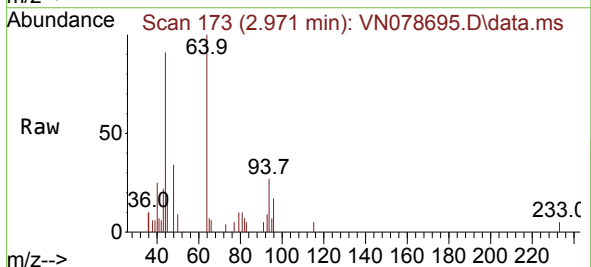
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

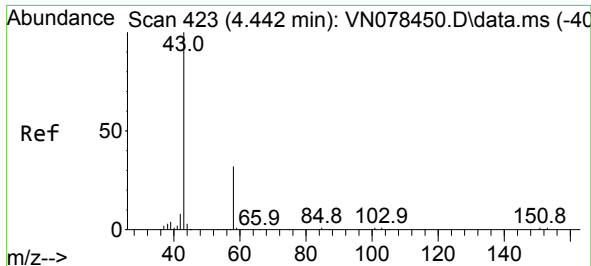
Tgt Ion: 94 Resp: 1893
Ion Ratio Lower Upper
94 100
96 61.8 73.1 109.7#



#6
Chloroethane
Concen: Below Cal
RT: 2.971 min Scan# 173
Delta R.T. -0.147 min
Lab File: VN078695.D
Acq: 28 Jul 2023 19:20

Tgt Ion: 64 Resp: 1573
Ion Ratio Lower Upper
64 100
66 14.2 25.4 38.2#





#16

Acetone

Concen: 2.761 ug/l

RT: 4.459 min Scan# 41

Delta R.T. 0.017 min

Lab File: VN078695.D

Acq: 28 Jul 2023 19:20

Instrument :

MSVOA_N

ClientSampleId :

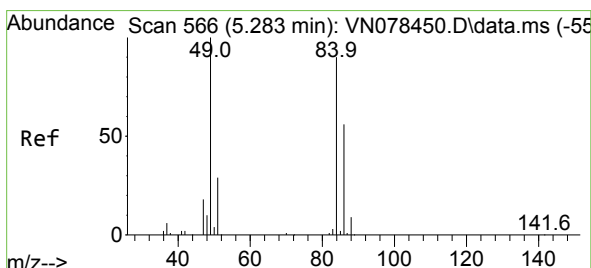
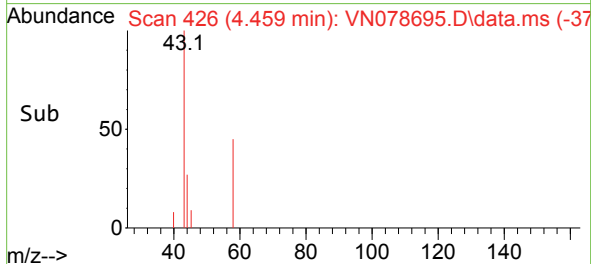
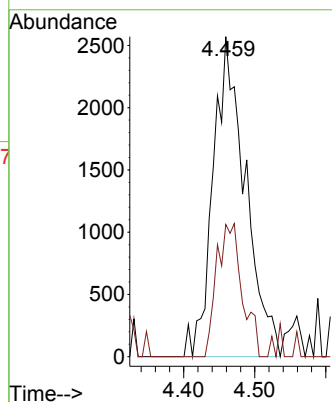
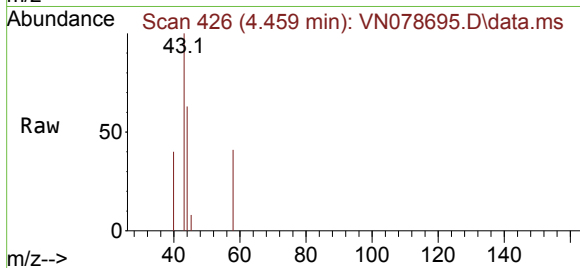
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 43 Resp: 8096

Ion Ratio Lower Upper

43 100

58 41.3 28.0 42.0



#20

Methylene Chloride

Concen: Below Cal

RT: 5.277 min Scan# 565

Delta R.T. -0.006 min

Lab File: VN078695.D

Acq: 28 Jul 2023 19:20

Tgt Ion: 84 Resp: 3745

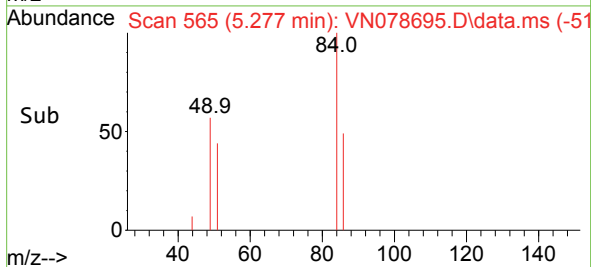
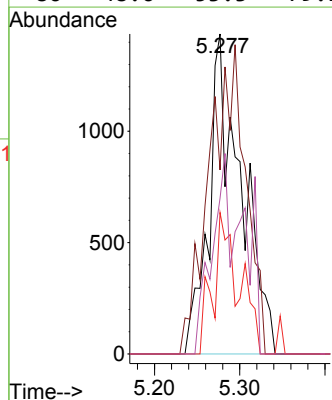
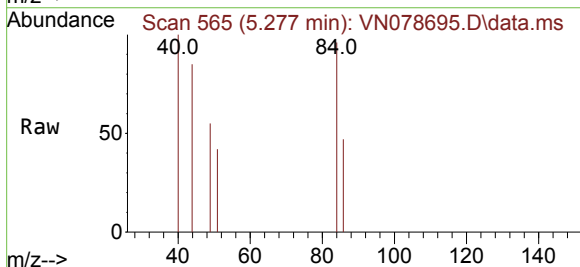
Ion Ratio Lower Upper

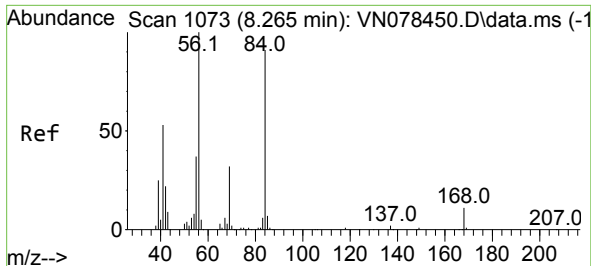
84 100

49 57.5 79.7 119.5#

51 44.2 25.2 37.8#

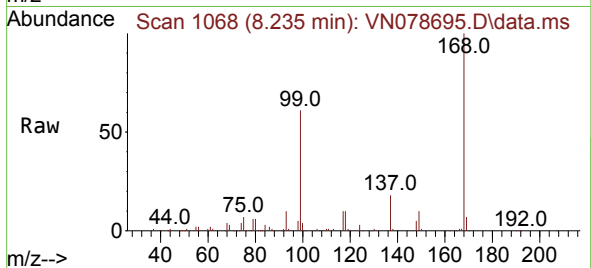
86 48.6 53.3 79.9#



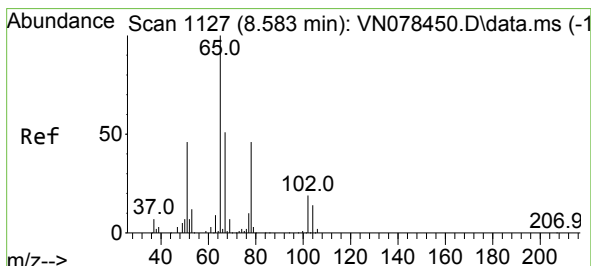
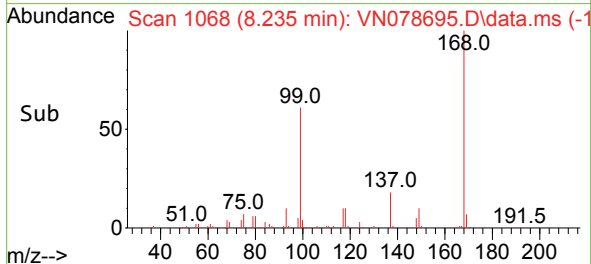
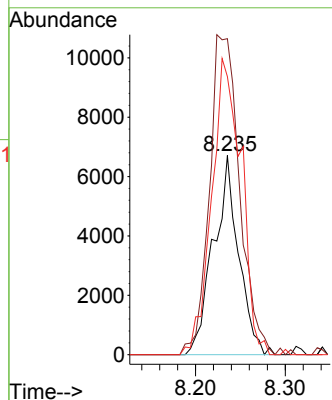


#31
Cyclohexane
Concen: 1.027 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.030 min
Lab File: VN078695.D
Acq: 28 Jul 2023 19:20

Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-SAMPLE-MANAG

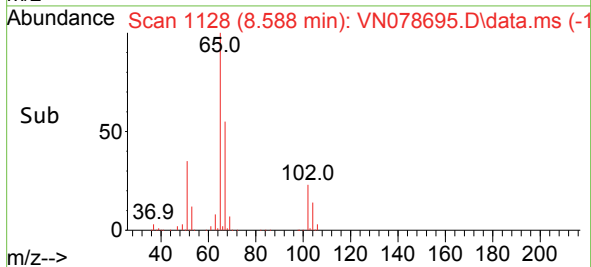
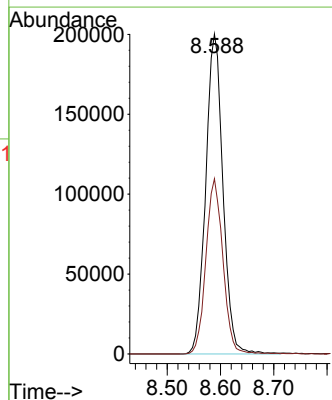
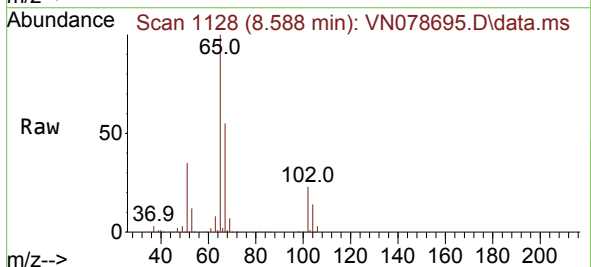


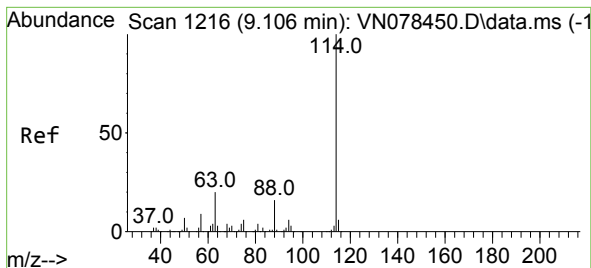
Tgt Ion: 56 Resp: 13061
Ion Ratio Lower Upper
56 100
69 158.6 26.8 40.2#
84 139.5 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 47.771 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN078695.D
Acq: 28 Jul 2023 19:20

Tgt Ion: 65 Resp: 449716
Ion Ratio Lower Upper
65 100
67 54.0 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078695.D

Acq: 28 Jul 2023 19:20

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

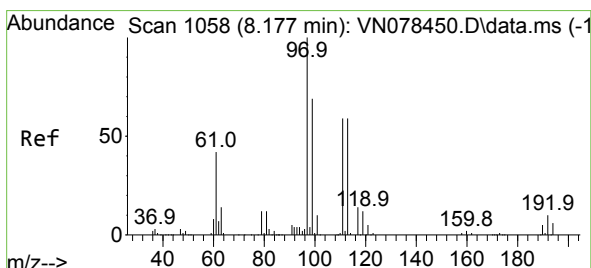
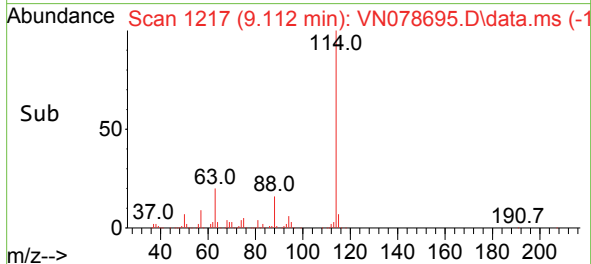
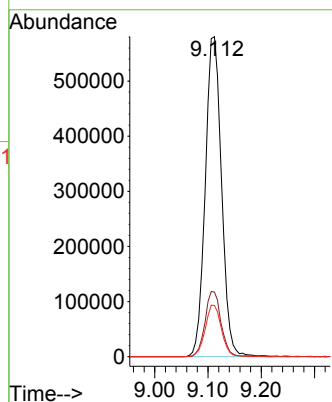
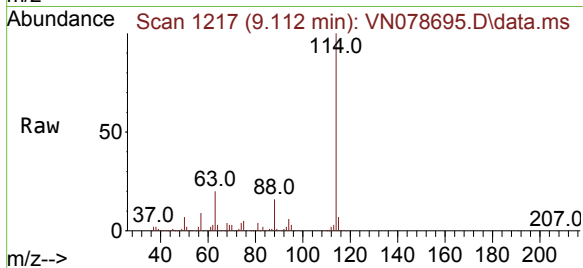
Tgt Ion:114 Resp: 1230735

Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.4

88 16.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.645 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078695.D

Acq: 28 Jul 2023 19:20

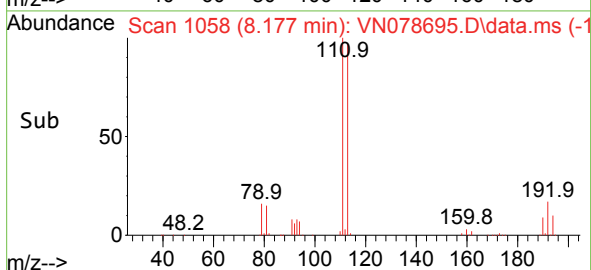
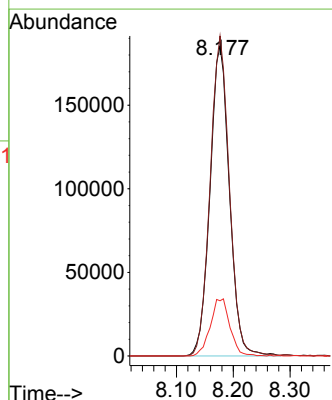
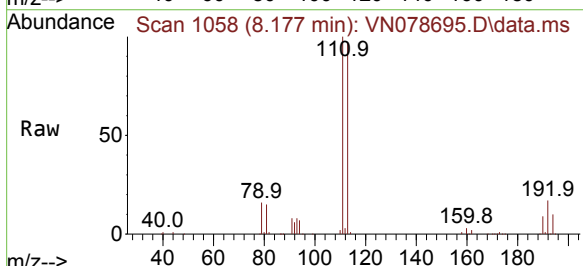
Tgt Ion:113 Resp: 439828

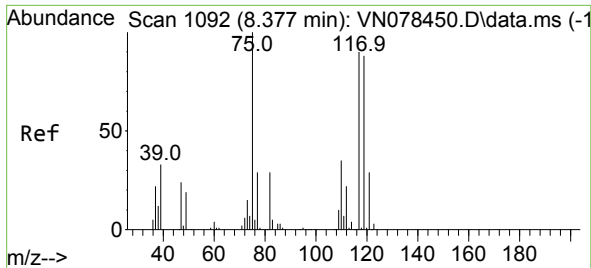
Ion Ratio Lower Upper

113 100

111 102.2 82.6 123.8

192 18.7 12.7 19.1

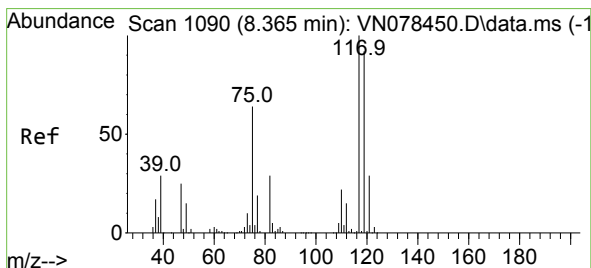
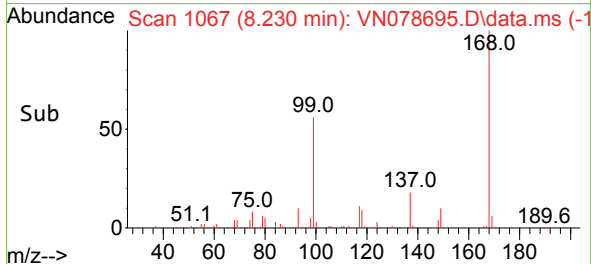
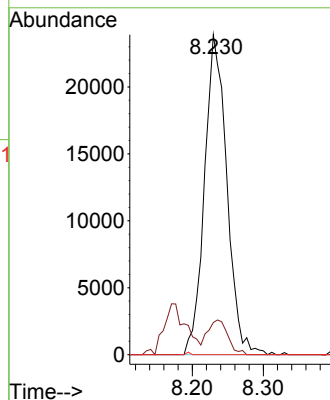
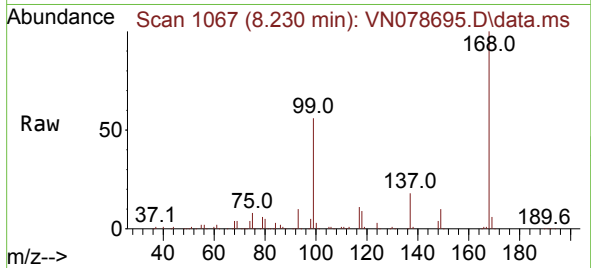




#36
1,1-Dichloropropene
Concen: 4.336 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN078695.D
Acq: 28 Jul 2023 19:20

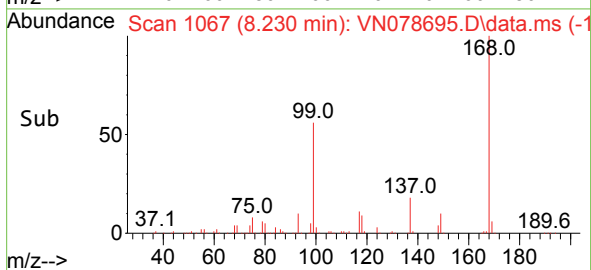
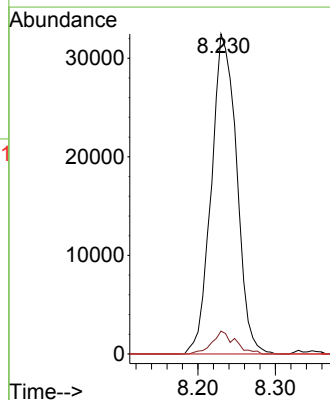
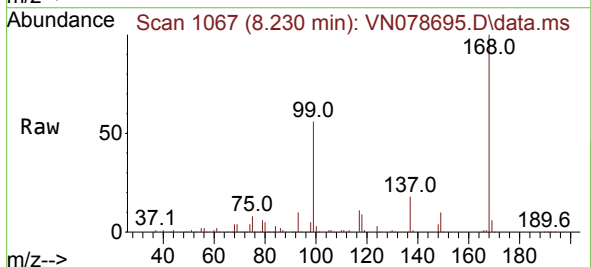
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

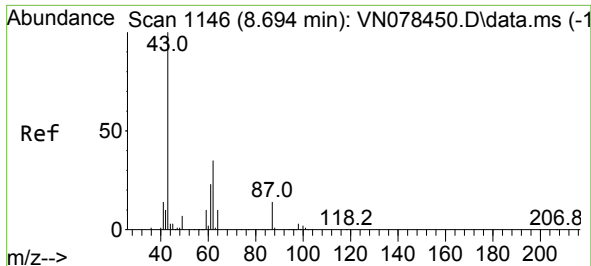
Tgt Ion: 75 Resp: 52309
Ion Ratio Lower Upper
75 100
110 9.9 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.614 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN078695.D
Acq: 28 Jul 2023 19:20

Tgt Ion: 117 Resp: 73609
Ion Ratio Lower Upper
117 100
119 7.1 77.3 115.9#
121 0.0 23.3 34.9#

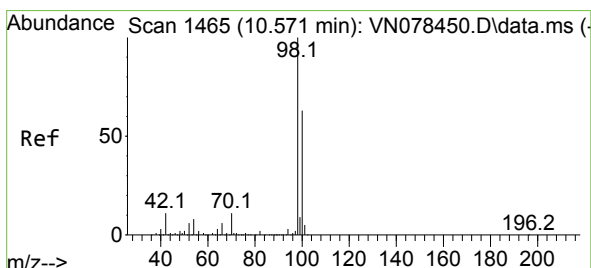
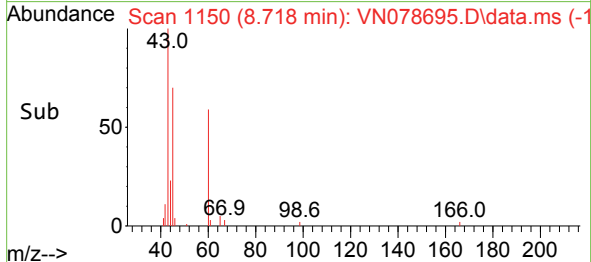
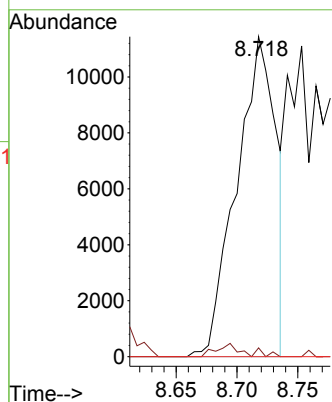
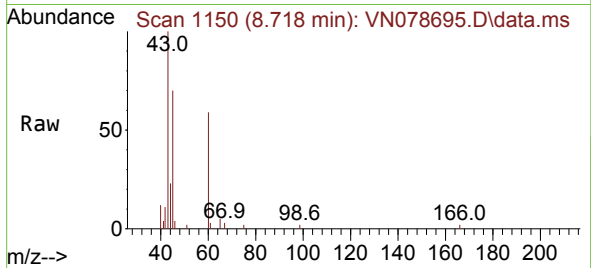




#43
Isopropyl Acetate
Concen: 1.556 ug/l
RT: 8.718 min Scan# 1146
Delta R.T. 0.024 min
Lab File: VN078695.D
Acq: 28 Jul 2023 19:20

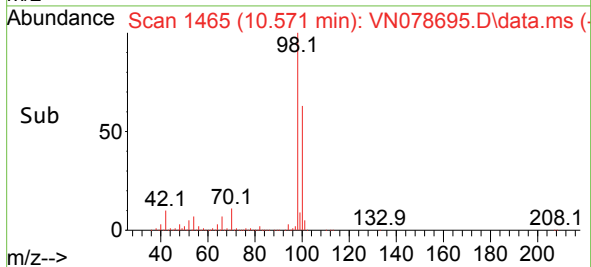
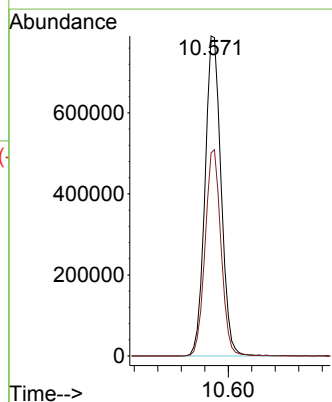
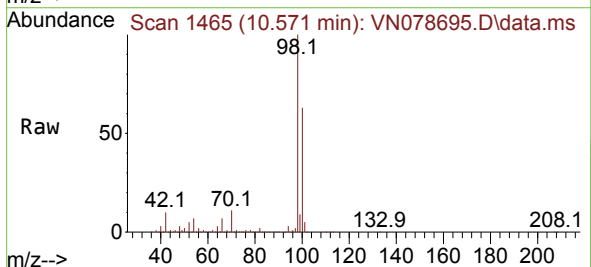
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

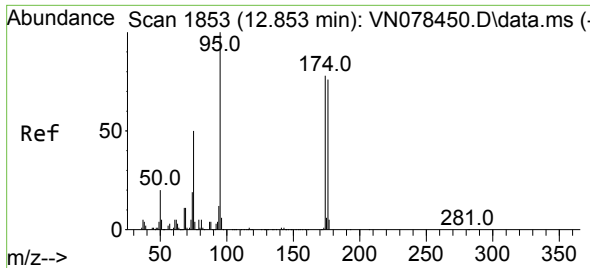
Tgt Ion: 43 Resp: 25763
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#50
Toluene-d8
Concen: 47.596 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078695.D
Acq: 28 Jul 2023 19:20

Tgt Ion: 98 Resp: 1502202
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0

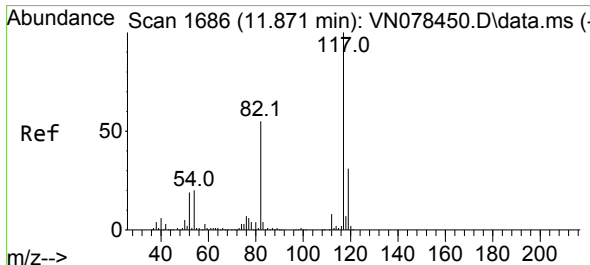
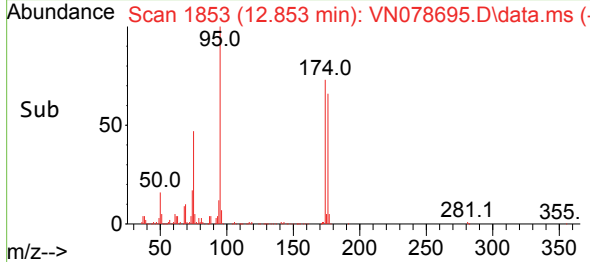
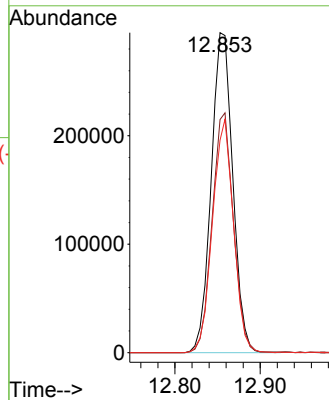
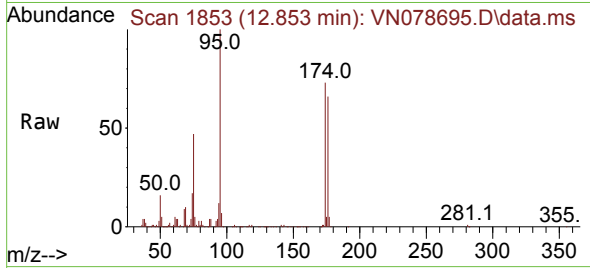




#62
4-Bromofluorobenzene
Concen: 53.345 ug/l
RT: 12.853 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078695.D
Acq: 28 Jul 2023 19:20

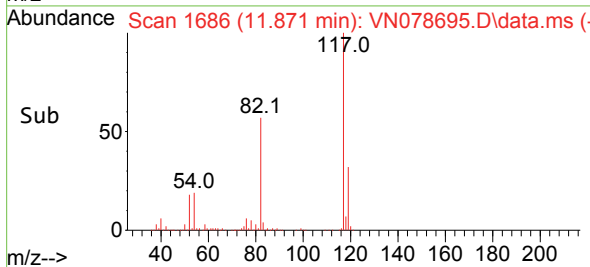
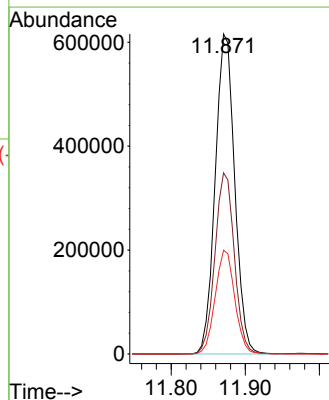
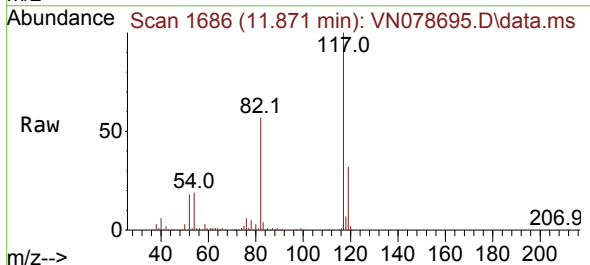
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

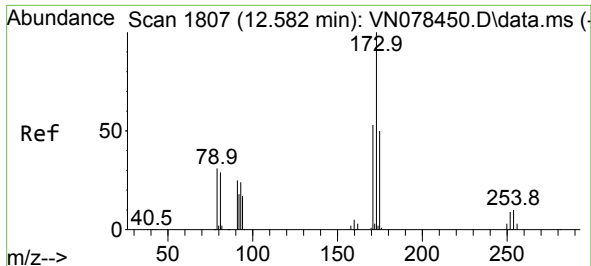
Tgt Ion: 95 Resp: 518597
Ion Ratio Lower Upper
95 100
174 74.3 0.0 143.8
176 71.1 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078695.D
Acq: 28 Jul 2023 19:20

Tgt Ion: 117 Resp: 1125986
Ion Ratio Lower Upper
117 100
82 56.6 44.0 66.0
119 32.4 25.6 38.4

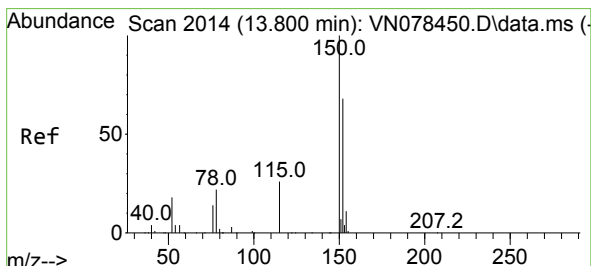
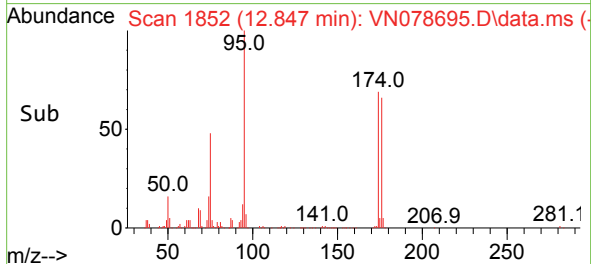
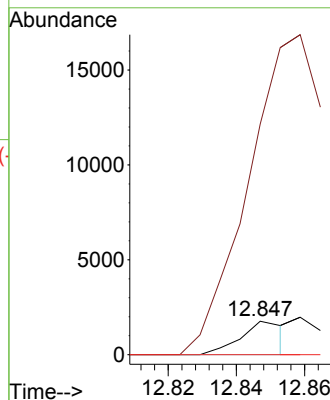
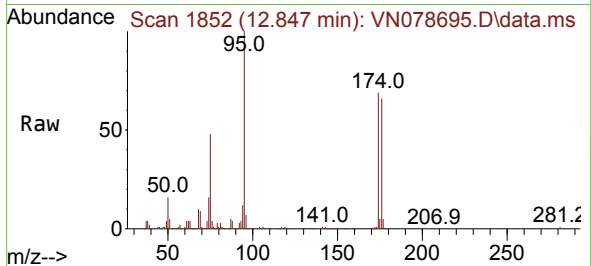




#71
Bromoform
Concen: 0.241 ug/l
RT: 12.847 min Scan# 1807
Delta R.T. 0.265 min
Lab File: VN078695.D
Acq: 28 Jul 2023 19:20

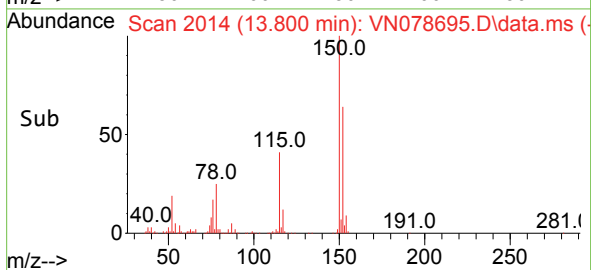
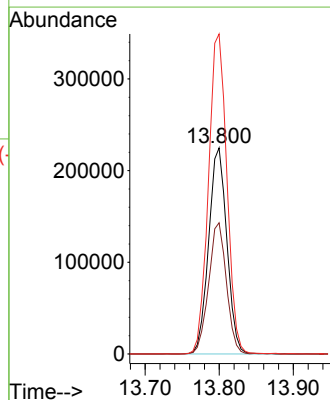
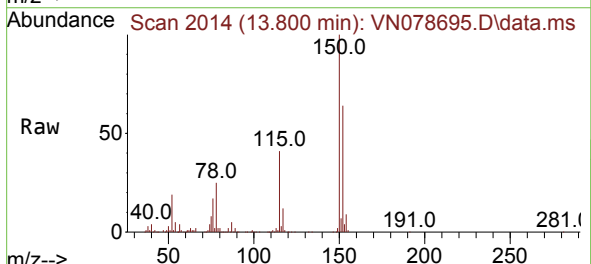
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

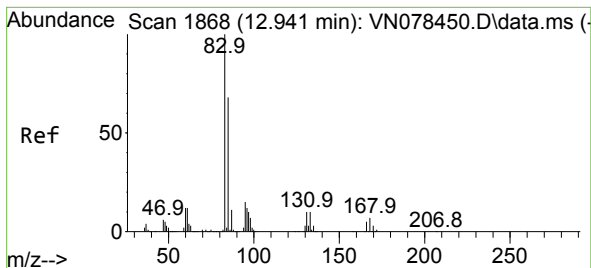
Tgt Ion:173 Resp: 1578
Ion Ratio Lower Upper
173 100
175 0.0 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078695.D
Acq: 28 Jul 2023 19:20

Tgt Ion:152 Resp: 383803
Ion Ratio Lower Upper
152 100
115 62.4 32.3 96.8
150 156.8 0.0 355.8





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.935 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VN078695.D

Acq: 28 Jul 2023 19:20

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

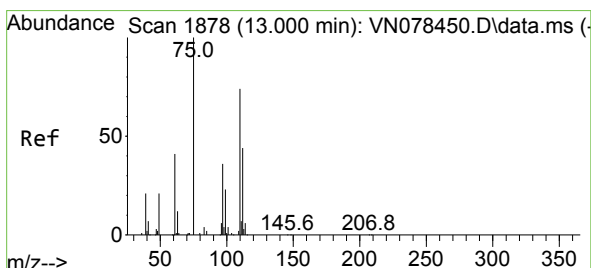
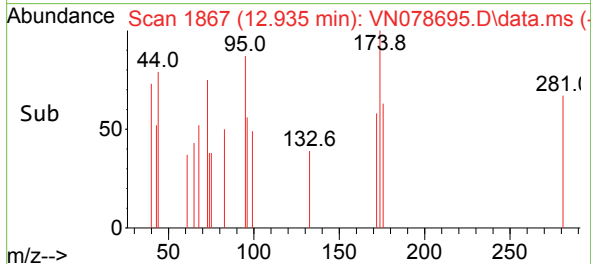
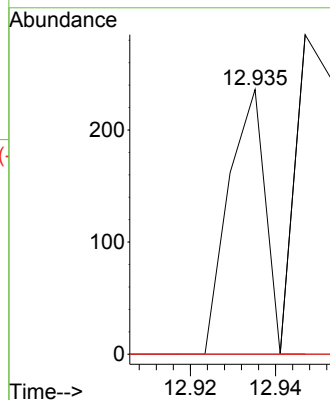
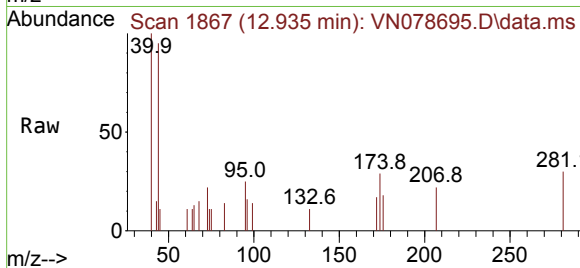
Tgt Ion: 83 Resp: 140

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

85 0.0 31.9 95.7#



#76

1,2,3-Trichloropropane

Concen: 26.565 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN078695.D

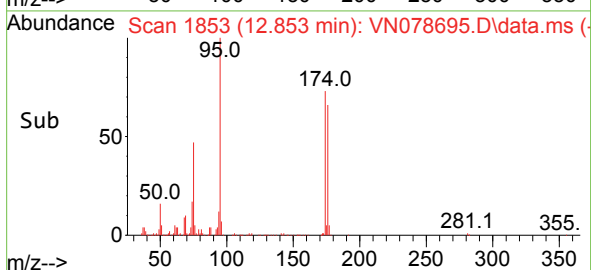
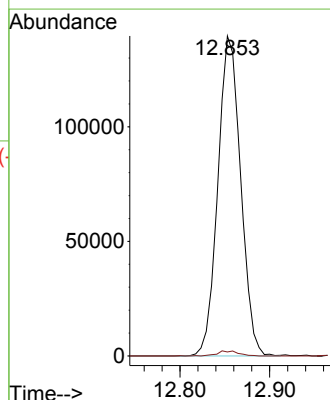
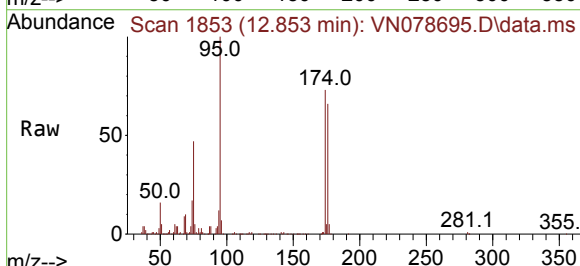
Acq: 28 Jul 2023 19:20

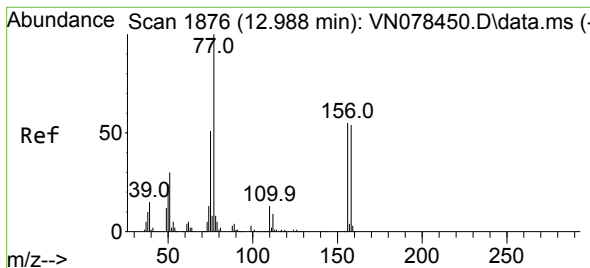
Tgt Ion: 75 Resp: 246446

Ion Ratio Lower Upper

75 100

77 1.5 84.5 253.5#





#77

Bromobenzene

Concen: Below Cal

RT: 12.841 min Scan# 11

Delta R.T. -0.147 min

Lab File: VN078695.D

Acq: 28 Jul 2023 19:20

Instrument :

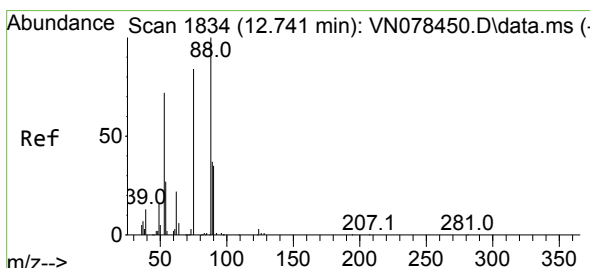
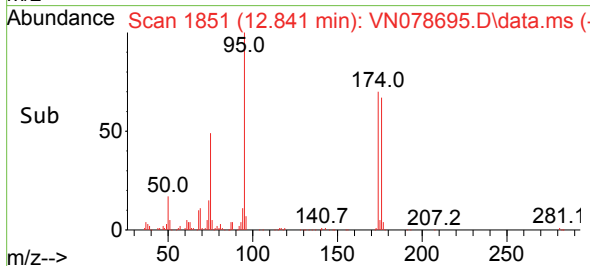
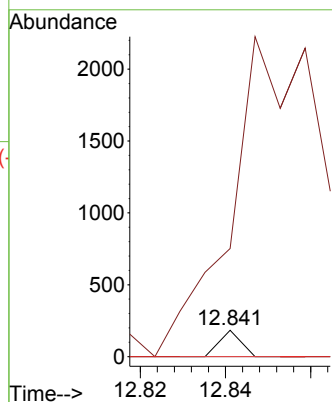
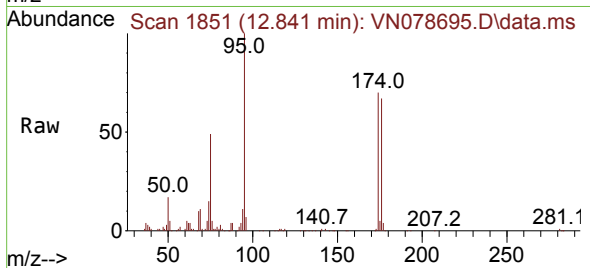
MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion:156 Resp: 65

Ion	Ratio	Lower	Upper
156	100		
77	5603.1	107.7	323.3#
158	0.0	48.4	145.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 69.809 ug/l

RT: 12.853 min Scan# 1853

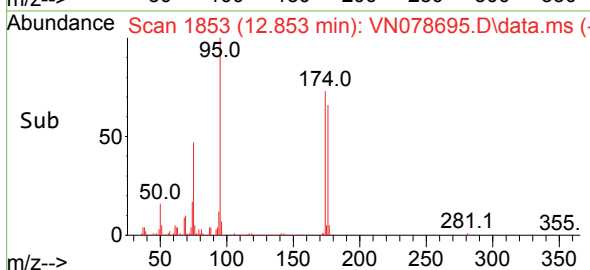
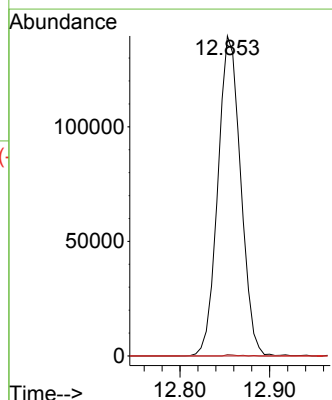
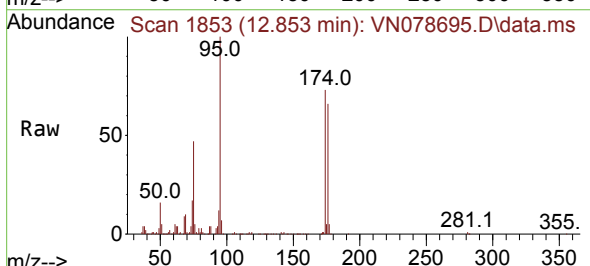
Delta R.T. 0.112 min

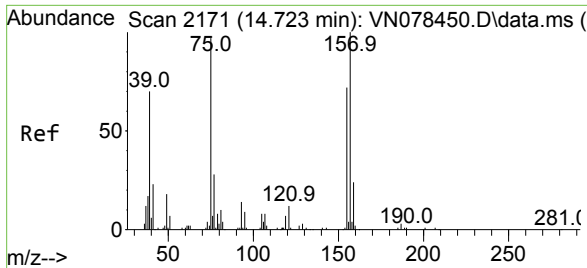
Lab File: VN078695.D

Acq: 28 Jul 2023 19:20

Tgt Ion: 75 Resp: 246446

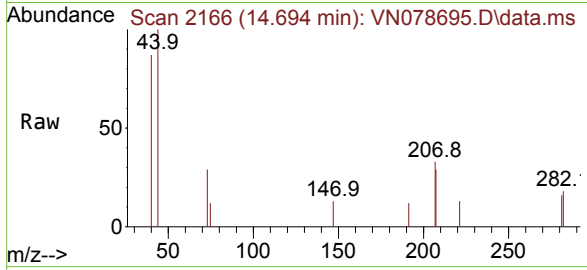
Ion	Ratio	Lower	Upper
75	100		
53	0.2	67.4	101.2#
89	0.0	38.8	58.2#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.694 min Scan# 21
 Delta R.T. -0.029 min
 Lab File: VN078695.D
 Acq: 28 Jul 2023 19:20

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG



Tgt Ion: 75 Resp: 59
 Ion Ratio Lower Upper
 75 100
 155 0.0 39.1 117.2#
 157 0.0 50.3 150.9#

