

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072123\
 Data File : VN078609.D
 Acq On : 21 Jul 2023 13:22
 Operator : JC\MD
 Sample : 03709-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-072023

Quant Time: Jul 21 23:21:58 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	423529	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	742047	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	678508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	243710	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	272714	48.031	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.060%
35) Dibromofluoromethane	8.177	113	269617	53.525	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.040%
50) Toluene-d8	10.571	98	879229	46.204	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.400%
62) 4-Bromofluorobenzene	12.853	95	301625	51.460	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.920%
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	1832	0.325	ug/l	100
5) Bromomethane	2.977	94	3427	Below Cal		91
6) Chloroethane	3.118	64	1155	Below Cal	#	43
10) Methyl Iodide	4.600	142	3078	0.485	ug/l #	82
11) Tert butyl alcohol	5.512	59	10418	11.899	ug/l #	74
13) Acrolein	4.200	56	547	0.635	ug/l #	72
15) Acrylonitrile	5.753	53	1017	0.460	ug/l #	21
16) Acetone	4.459	43	1024	0.579	ug/l #	40
17) Carbon Disulfide	4.724	76	4224	0.327	ug/l #	75
20) Methylene Chloride	5.277	84	2414	Below Cal	#	73
26) 2,2-Dichloropropane	7.441	77	4788	0.635	ug/l #	53
31) Cyclohexane	8.230	56	9284	1.210	ug/l #	47
36) 1,1-Dichloropropene	8.230	75	34912	4.800	ug/l #	48
38) Carbon Tetrachloride	8.235	117	44715	5.657	ug/l #	16
43) Isopropyl Acetate	8.747	43	6937	0.695	ug/l #	49
49) 1,4-Dioxane	9.700	88	340	3.371	ug/l #	63
51) 4-Methyl-2-Pentanone	10.447	43	2671	0.450	ug/l #	80
58) 2-Chloroethyl Vinyl ether	10.176	63	1975	0.753	ug/l	93
59) 2-Hexanone	11.218	43	3195	0.757	ug/l	99
74) N-amyl acetate	12.500	43	1689	0.214	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.941	83	1251	Below Cal	#	76
76) 1,2,3-Trichloropropane	12.853	75	153967	26.137	ug/l #	1
77) Bromobenzene	12.976	156	1021	Below Cal		80
81) trans-1,4-Dichloro-2-b...	12.853	75	153967	68.683	ug/l #	15
82) 4-Chlorotoluene	13.235	91	3405	0.228	ug/l	94
84) 1,2,4-Trimethylbenzene	13.488	105	3607	0.205	ug/l	96
87) 1,3-Dichlorobenzene	13.741	146	2339	0.266	ug/l	91
88) 1,4-Dichlorobenzene	13.741	146	2339	0.264	ug/l	92
89) n-Butylbenzene	14.064	91	4093	0.367	ug/l	92
90) Hexachloroethane	14.341	117	333	Below Cal		85
91) 1,2-Dichlorobenzene	14.111	146	2870	0.328	ug/l	88
92) 1,2-Dibromo-3-Chloropr...	14.723	75	342	Below Cal	#	36
93) 1,2,4-Trichlorobenzene	15.400	180	2844	1.019	ug/l	87
94) Hexachlorobutadiene	15.500	225	1812	Below Cal		98
95) Naphthalene	15.653	128	8839	0.926	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.835	180	1940	0.604	ug/l #	15

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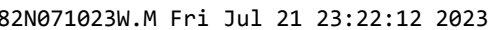
Instrument :
MSVOA_N
ClientSampleId :
TB-01-072023

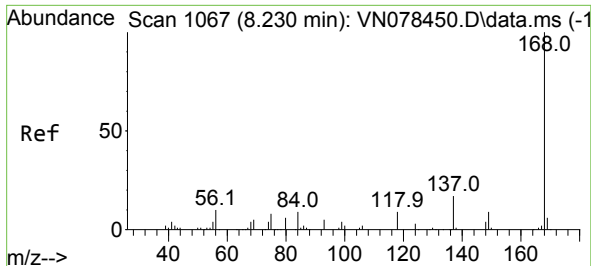
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Quant Title : SW846 8260
QLast Update : Mon Jul 10 16:13:53 2023
Response via : Initial Calibration

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

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
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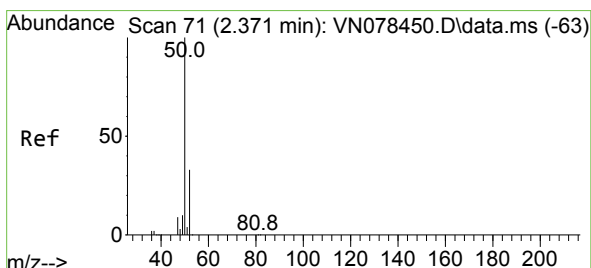
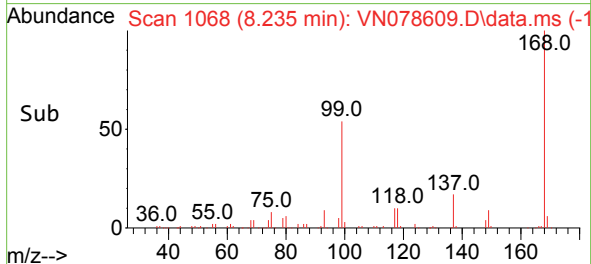
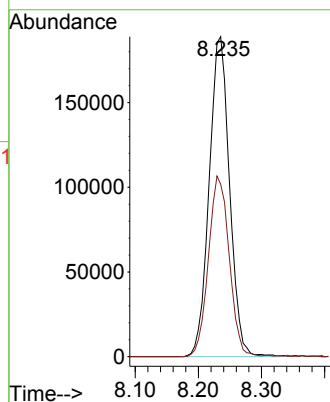
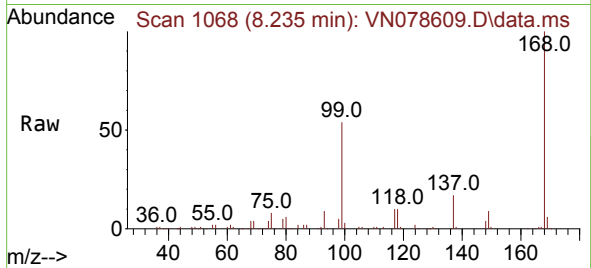




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078609.D
Acq: 21 Jul 2023 13:22

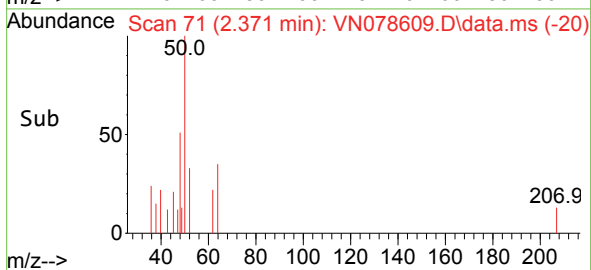
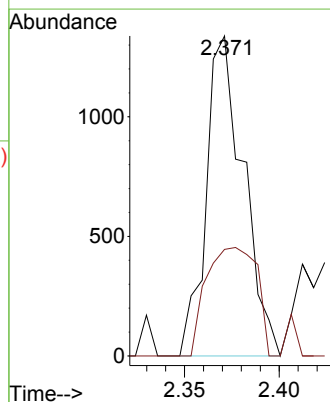
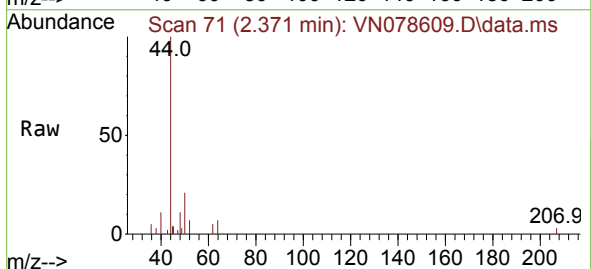
Instrument :
MSVOA_N
ClientSampleId :
TB-01-072023

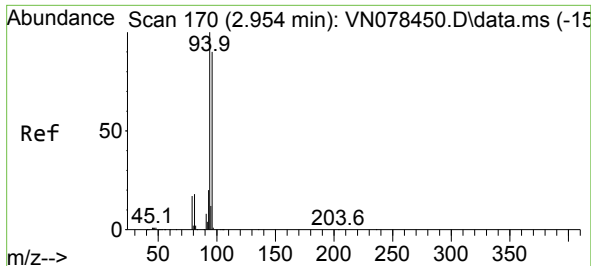
Tgt Ion:168 Resp: 423529
Ion Ratio Lower Upper
168 100
99 53.9 53.0 79.6



#3
Chloromethane
Concen: 0.325 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078609.D
Acq: 21 Jul 2023 13:22

Tgt Ion: 50 Resp: 1832
Ion Ratio Lower Upper
50 100
52 33.3 26.5 39.7

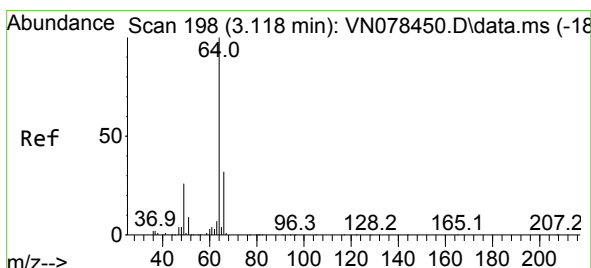
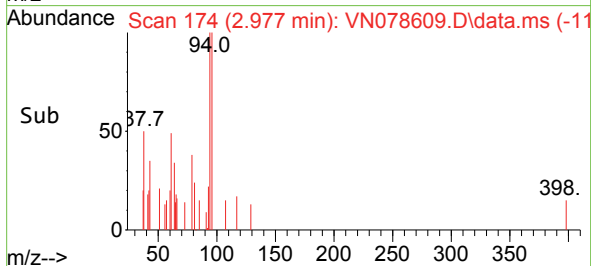
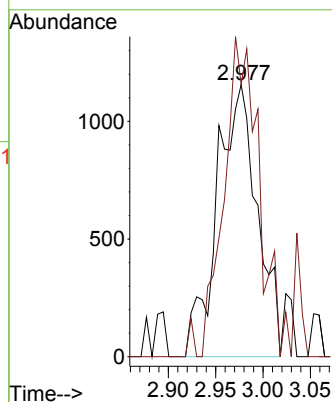
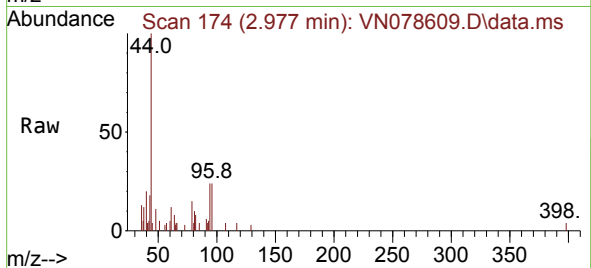




#5
Bromomethane
Concen: Below Cal
RT: 2.977 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN078609.D
Acq: 21 Jul 2023 13:22

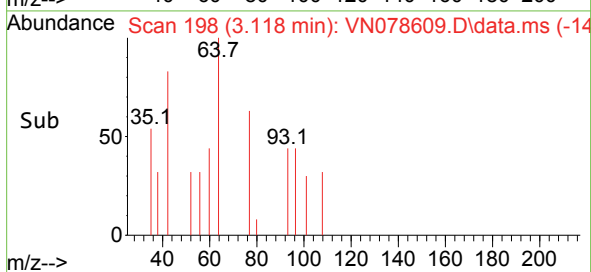
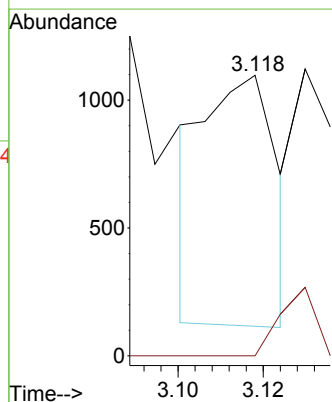
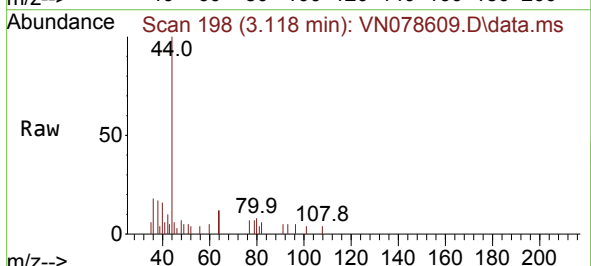
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ClientSampleId :
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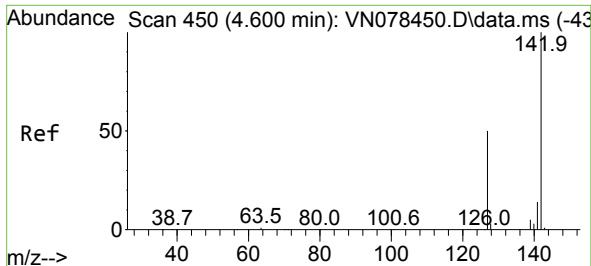
Tgt Ion: 94 Resp: 3427
Ion Ratio Lower Upper
94 100
96 100.1 73.1 109.7



#6
Chloroethane
Concen: Below Cal
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN078609.D
Acq: 21 Jul 2023 13:22

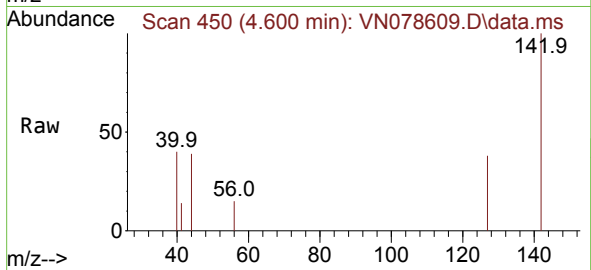
Tgt Ion: 64 Resp: 1155
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



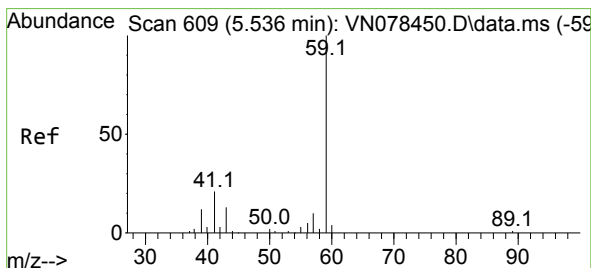
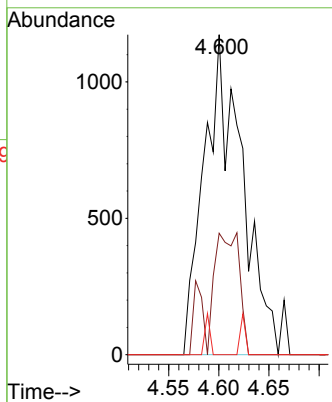
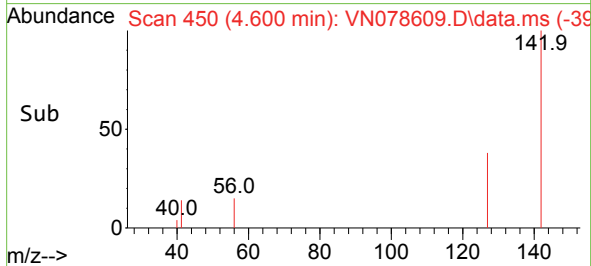


#10
Methyl Iodide
Concen: 0.485 ug/l
RT: 4.600 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN078609.D
Acq: 21 Jul 2023 13:22

Instrument :
MSVOA_N
ClientSampleId :
TB-01-072023

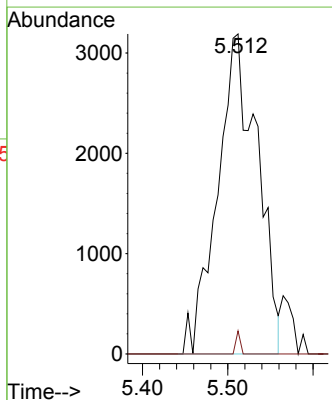
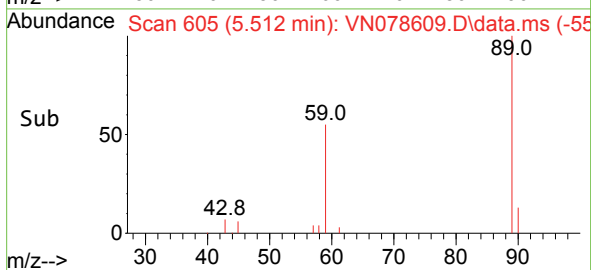
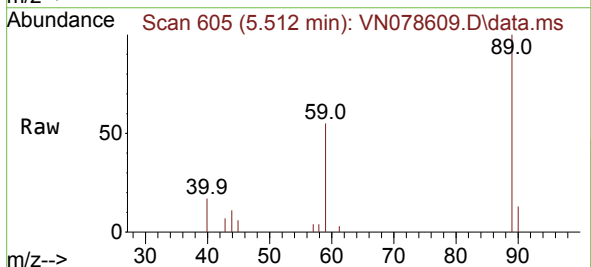


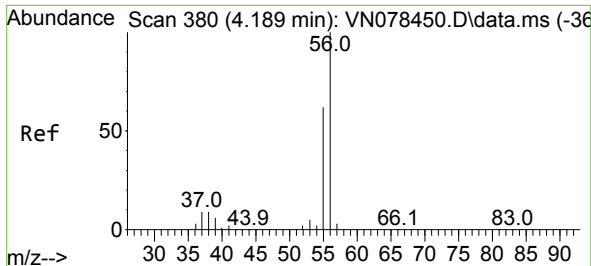
Tgt Ion:142 Resp: 3078
Ion Ratio Lower Upper
142 100
127 37.9 37.6 56.4
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 11.899 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.024 min
Lab File: VN078609.D
Acq: 21 Jul 2023 13:22

Tgt Ion: 59 Resp: 10418
Ion Ratio Lower Upper
59 100
57 0.8 8.2 12.4#

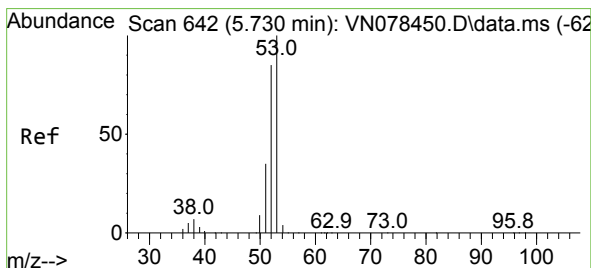
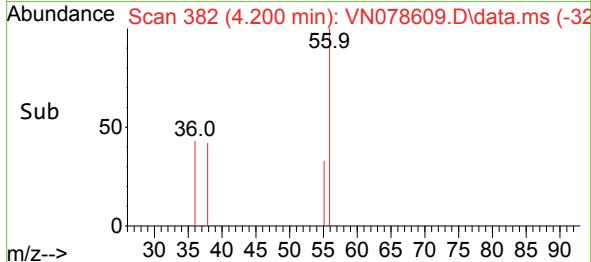
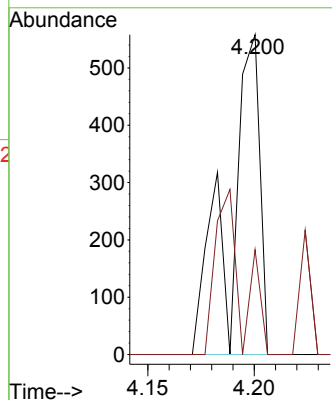
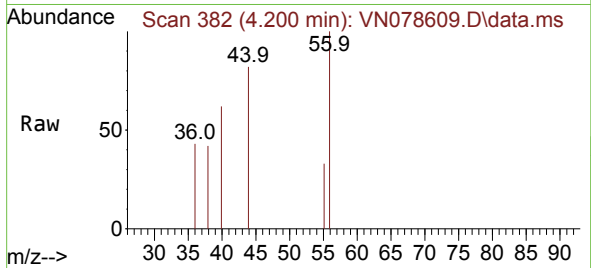




#13
Acrolein
Concen: 0.635 ug/l
RT: 4.200 min Scan# 311
Delta R.T. 0.011 min
Lab File: VN078609.D
Acq: 21 Jul 2023 13:22

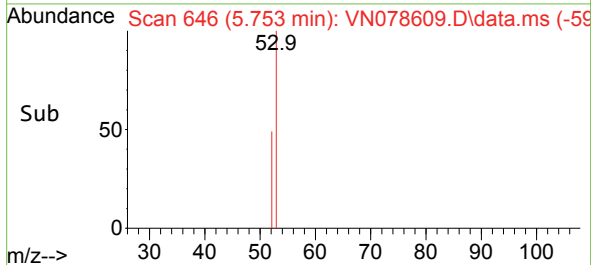
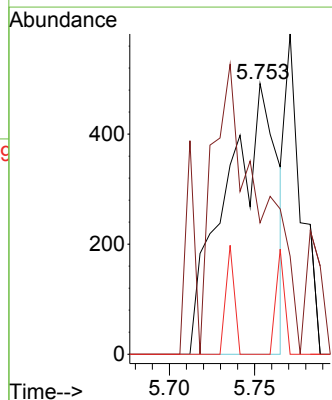
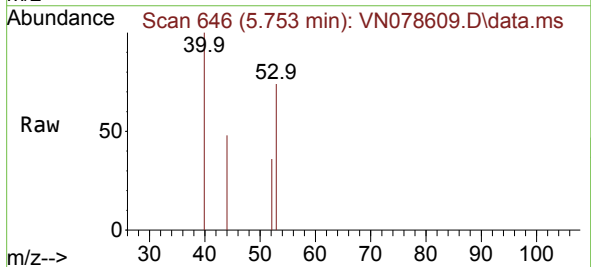
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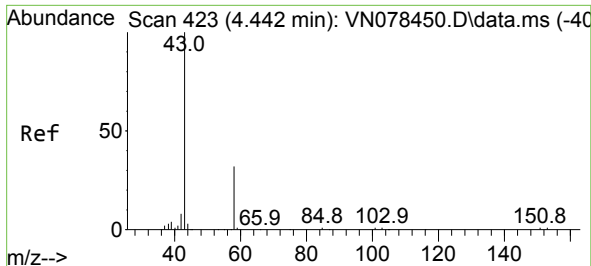
Tgt Ion: 56 Resp: 547
Ion Ratio Lower Upper
56 100
55 45.5 54.5 81.7#



#15
Acrylonitrile
Concen: 0.460 ug/l
RT: 5.753 min Scan# 646
Delta R.T. 0.023 min
Lab File: VN078609.D
Acq: 21 Jul 2023 13:22

Tgt Ion: 53 Resp: 1017
Ion Ratio Lower Upper
53 100
52 0.0 65.3 97.9#
51 6.6 28.9 43.3#

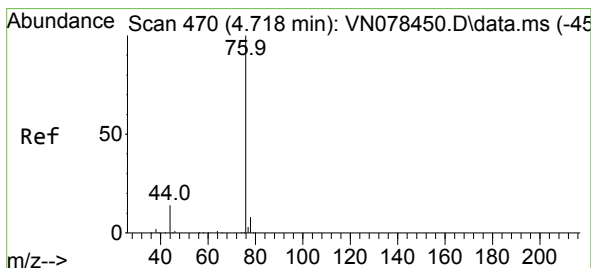
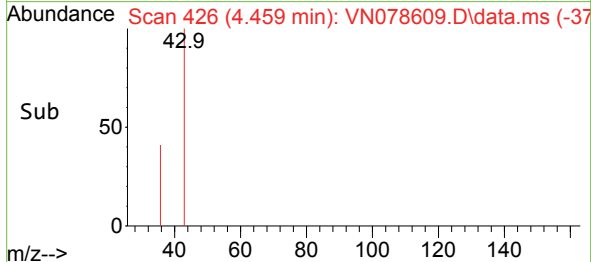
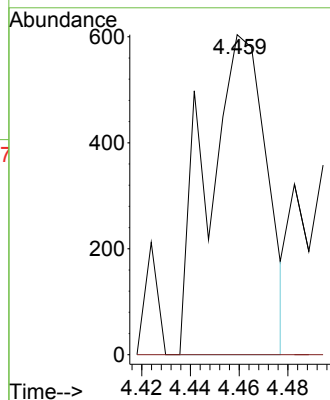
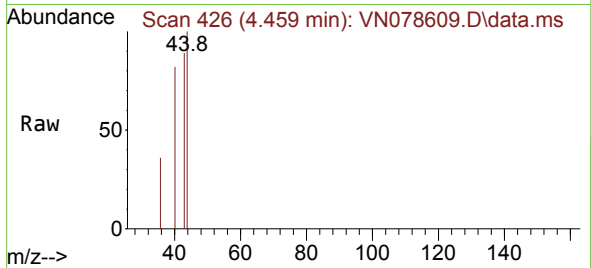




#16
Acetone
Concen: 0.579 ug/l
RT: 4.459 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN078609.D
Acq: 21 Jul 2023 13:22

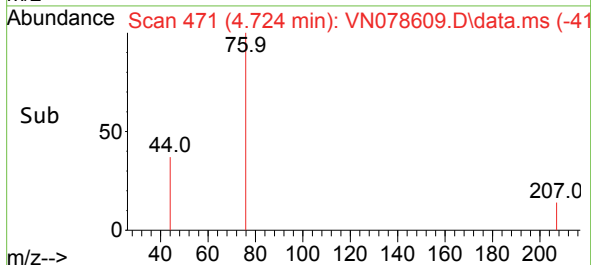
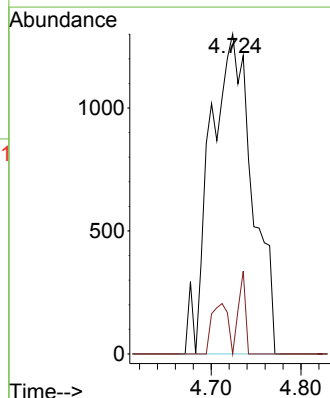
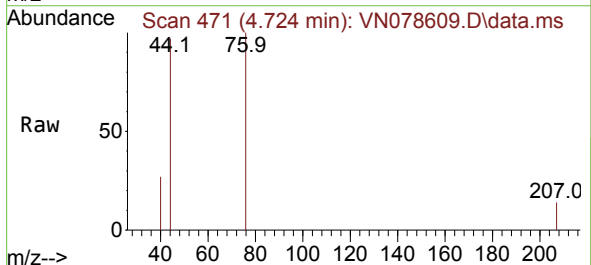
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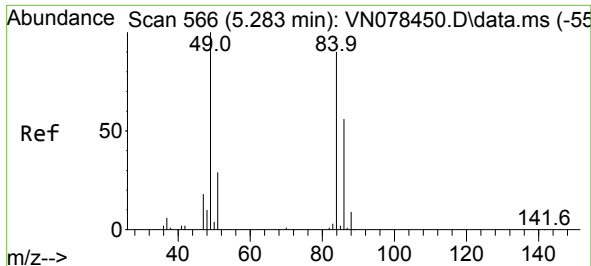
Tgt Ion: 43 Resp: 1024
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#17
Carbon Disulfide
Concen: 0.327 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.006 min
Lab File: VN078609.D
Acq: 21 Jul 2023 13:22

Tgt Ion: 76 Resp: 4224
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

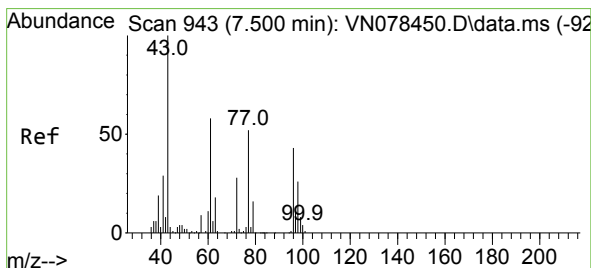
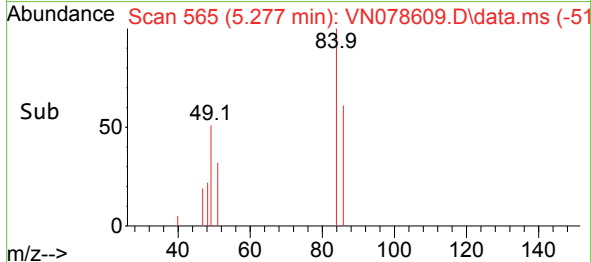
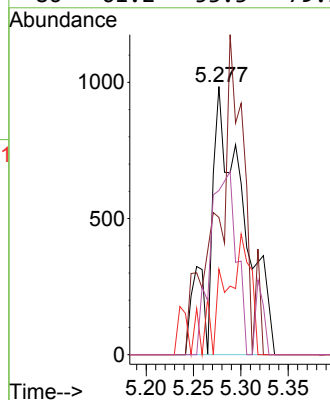
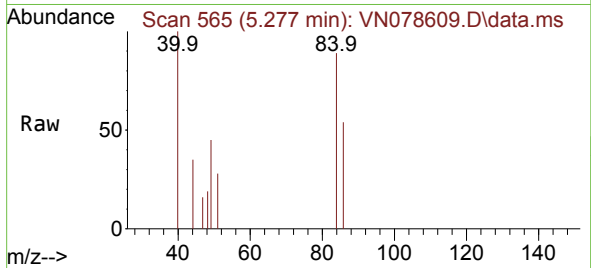




#20
Methylene Chloride
Concen: Below Cal
RT: 5.277 min Scan# 511
Delta R.T. -0.006 min
Lab File: VN078609.D
Acq: 21 Jul 2023 13:22

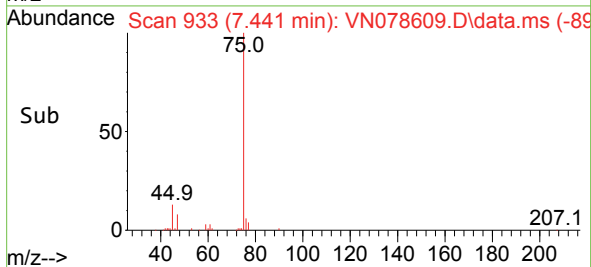
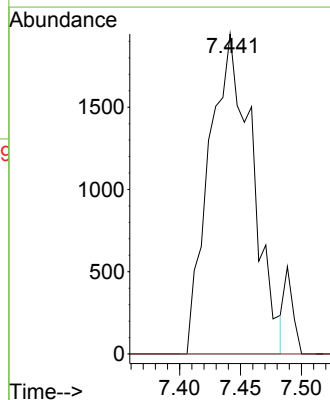
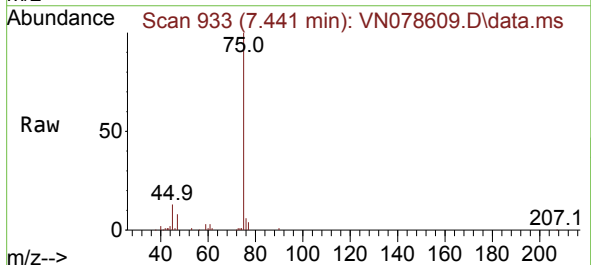
Instrument :
MSVOA_N
ClientSampleId :
TB-01-072023

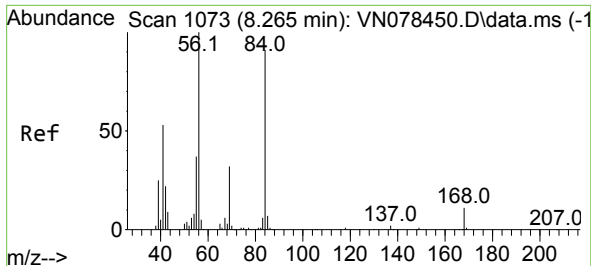
Tgt Ion: 84 Resp: 2414
Ion Ratio Lower Upper
84 100
49 51.2 79.7 119.5#
51 31.9 25.2 37.8
86 61.2 53.3 79.9



#26
2,2-Dichloropropane
Concen: 0.635 ug/l
RT: 7.441 min Scan# 933
Delta R.T. -0.059 min
Lab File: VN078609.D
Acq: 21 Jul 2023 13:22

Tgt Ion: 77 Resp: 4788
Ion Ratio Lower Upper
77 100
97 0.0 11.2 33.6#

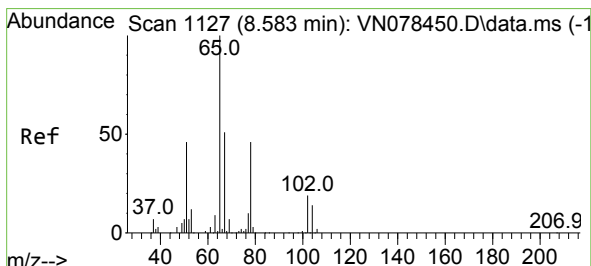
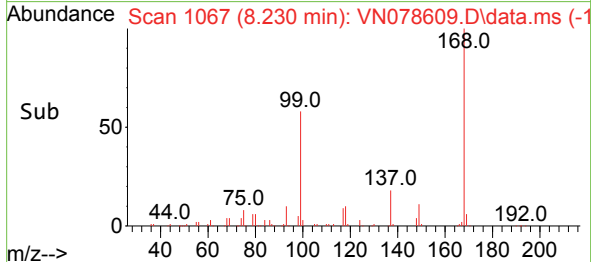
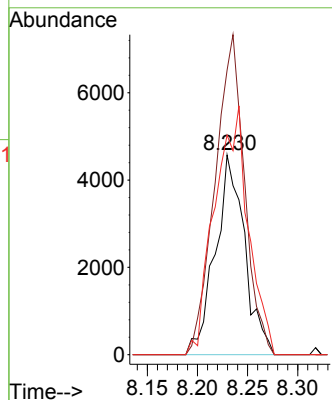
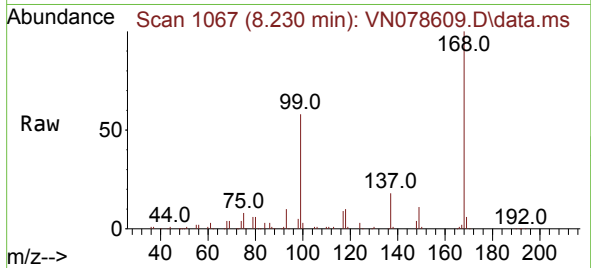




#31
Cyclohexane
Concen: 1.210 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN078609.D
Acq: 21 Jul 2023 13:22

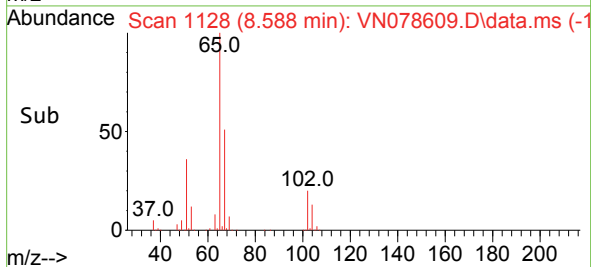
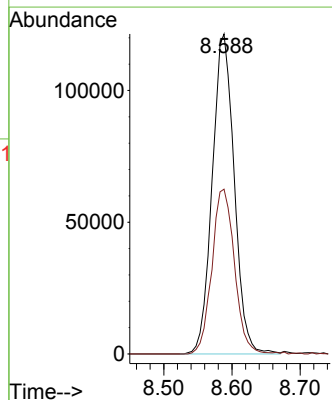
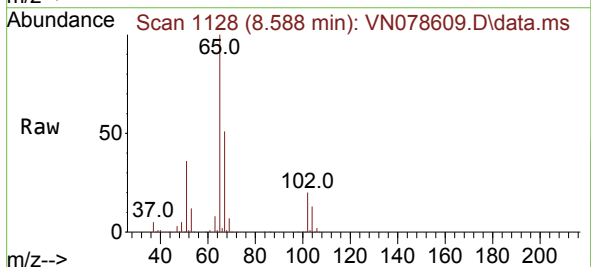
Instrument :
MSVOA_N
ClientSampleId :
TB-01-072023

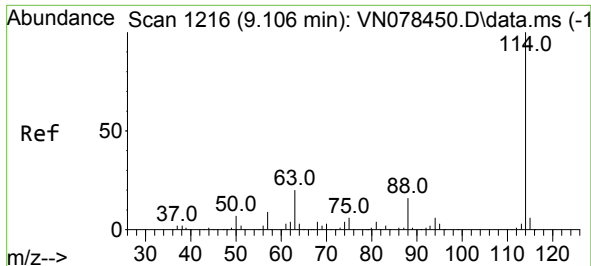
Tgt Ion: 56 Resp: 9284
Ion Ratio Lower Upper
56 100
69 142.4 26.8 40.2#
84 109.9 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 48.031 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN078609.D
Acq: 21 Jul 2023 13:22

Tgt Ion: 65 Resp: 272714
Ion Ratio Lower Upper
65 100
67 52.8 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078609.D

Acq: 21 Jul 2023 13:22

Instrument :

MSVOA_N

ClientSampleId :

TB-01-072023

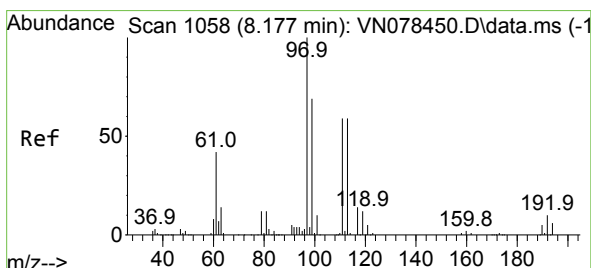
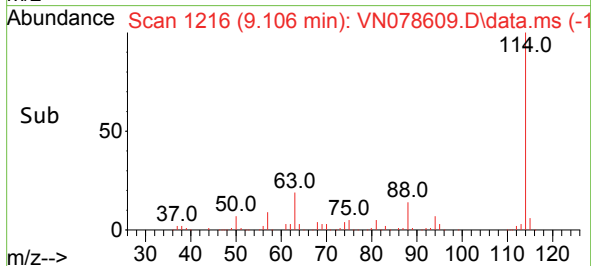
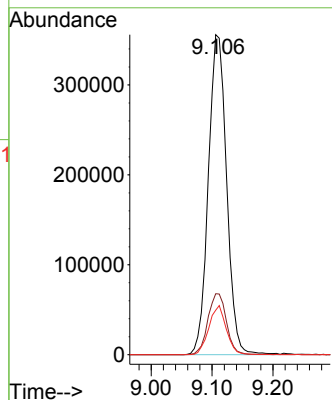
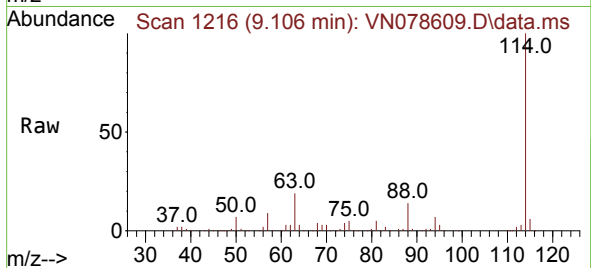
Tgt Ion:114 Resp: 742047

Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.4

88 13.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.525 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078609.D

Acq: 21 Jul 2023 13:22

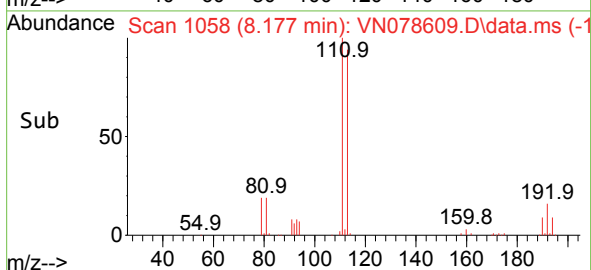
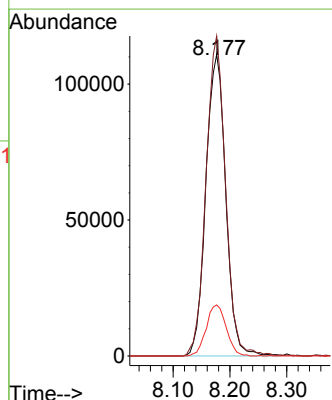
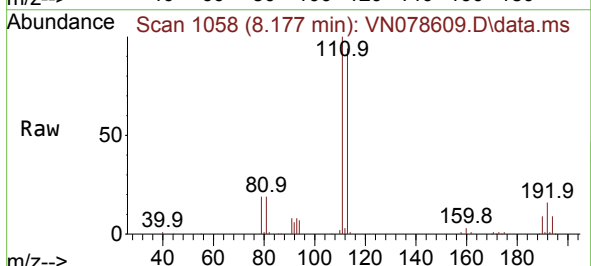
Tgt Ion:113 Resp: 269617

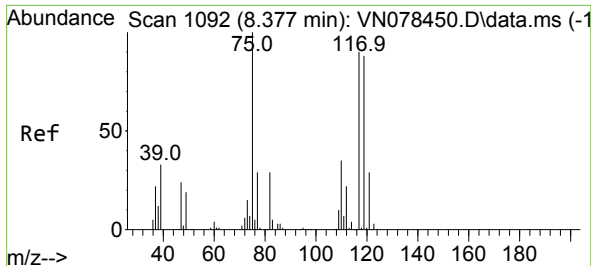
Ion Ratio Lower Upper

113 100

111 103.9 82.6 123.8

192 17.0 12.7 19.1

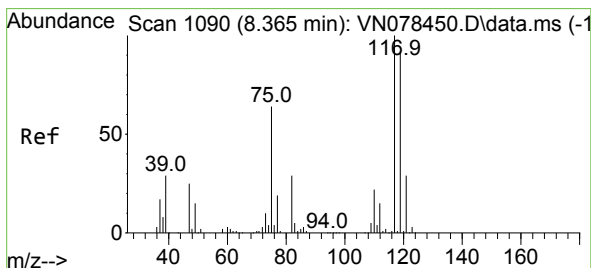
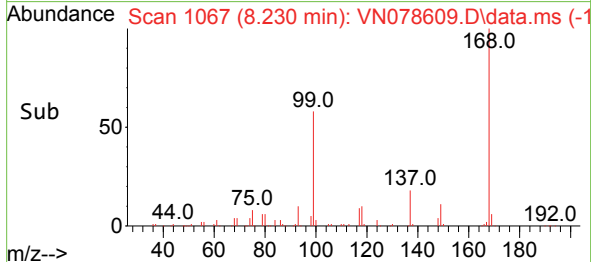
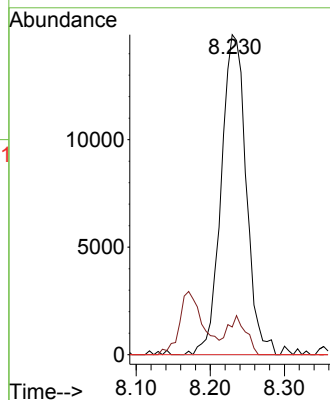
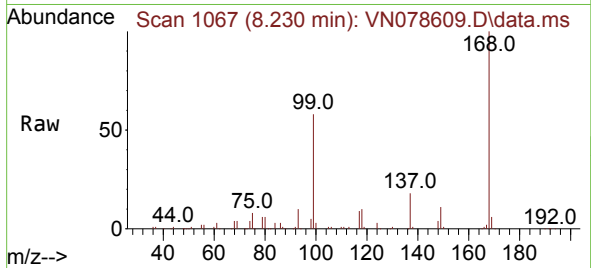




#36
1,1-Dichloropropene
Concen: 4.800 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN078609.D
Acq: 21 Jul 2023 13:22

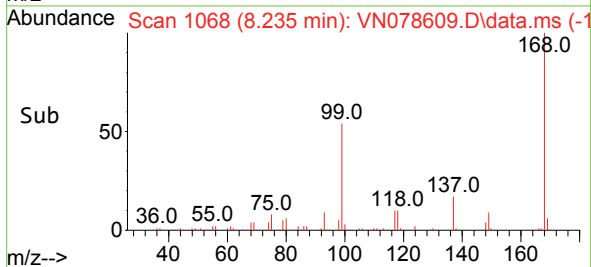
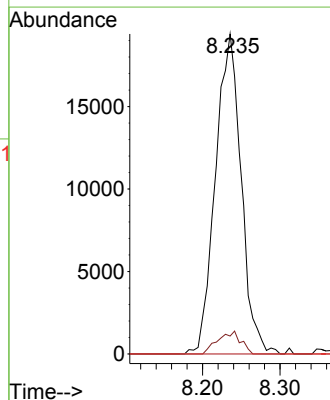
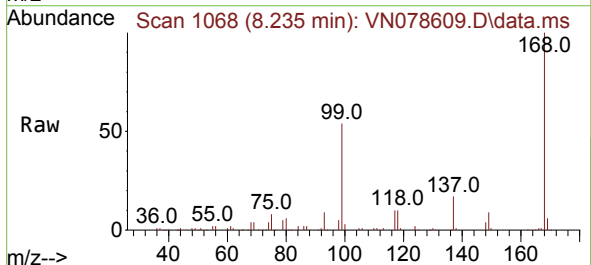
Instrument :
MSVOA_N
ClientSampleId :
TB-01-072023

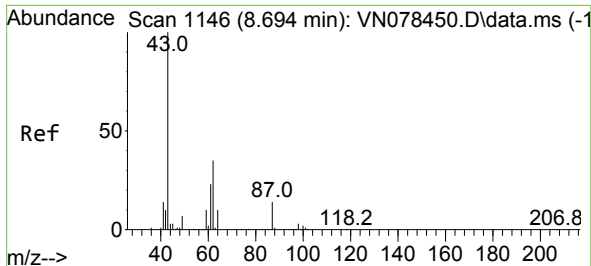
Tgt Ion: 75 Resp: 34912
Ion Ratio Lower Upper
75 100
110 9.0 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.657 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.130 min
Lab File: VN078609.D
Acq: 21 Jul 2023 13:22

Tgt Ion: 117 Resp: 44715
Ion Ratio Lower Upper
117 100
119 5.6 77.3 115.9#
121 0.0 23.3 34.9#

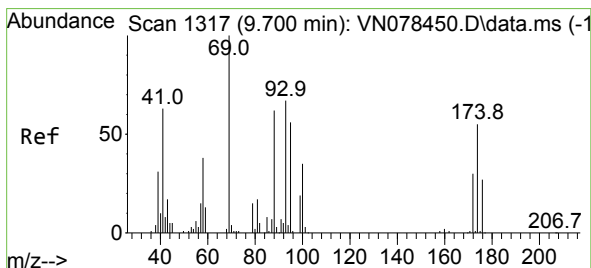
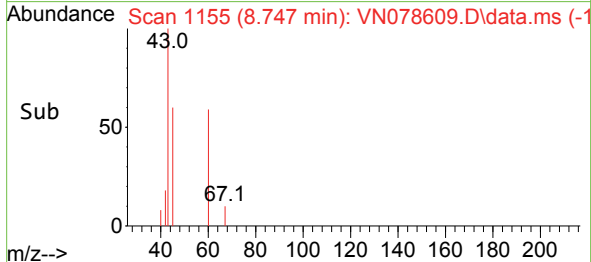
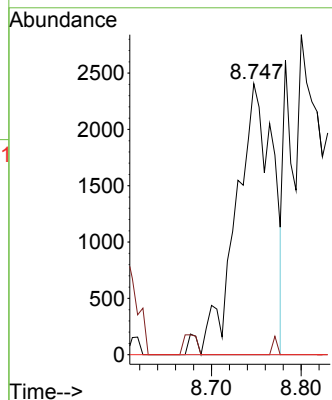
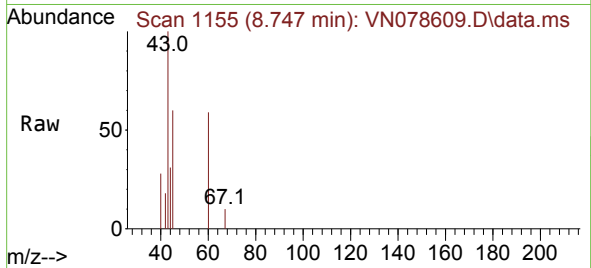




#43
Isopropyl Acetate
Concen: 0.695 ug/l
RT: 8.747 min Scan# 1155
Delta R.T. 0.053 min
Lab File: VN078609.D
Acq: 21 Jul 2023 13:22

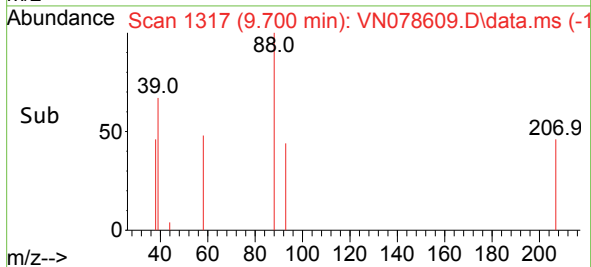
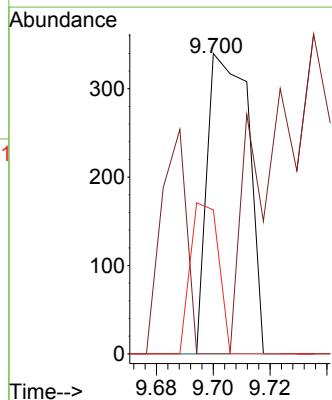
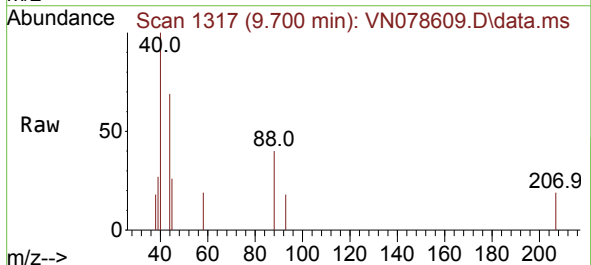
Instrument :
MSVOA_N
ClientSampleId :
TB-01-072023

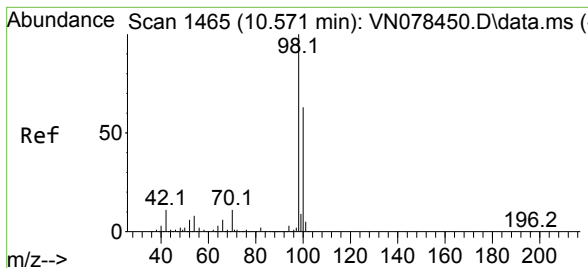
Tgt Ion: 43 Resp: 6937
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#49
1,4-Dioxane
Concen: 3.371 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN078609.D
Acq: 21 Jul 2023 13:22

Tgt Ion: 88 Resp: 340
Ion Ratio Lower Upper
88 100
43 45.9 17.0 25.6#
58 34.7 47.0 70.4#





#50

Toluene-d8

Concen: 46.204 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078609.D

Acq: 21 Jul 2023 13:22

Instrument :

MSVOA_N

ClientSampleId :

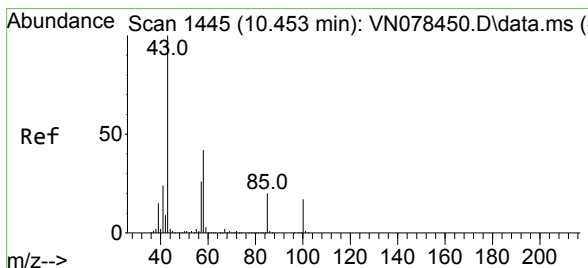
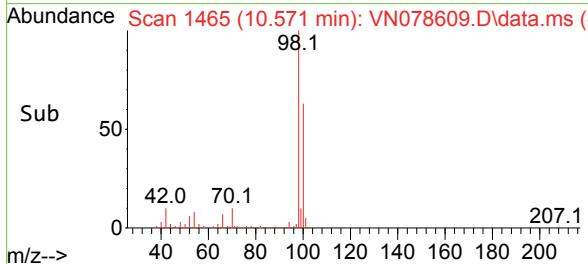
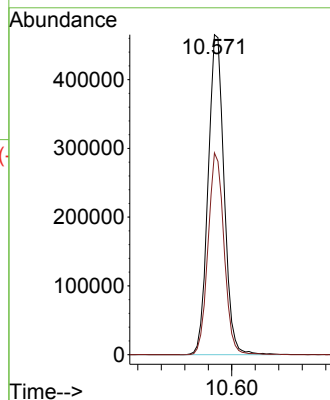
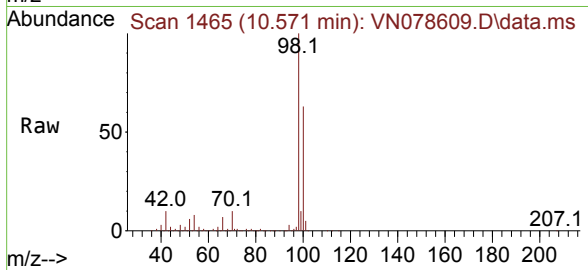
TB-01-072023

Tgt Ion: 98 Resp: 879229

Ion Ratio Lower Upper

98 100

100 63.1 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 0.450 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. -0.006 min

Lab File: VN078609.D

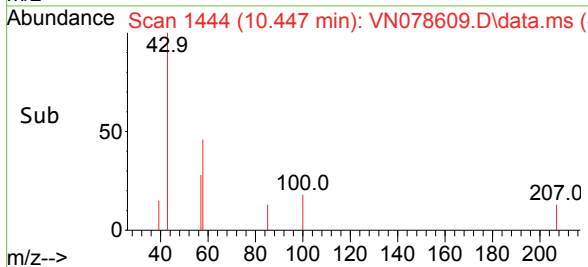
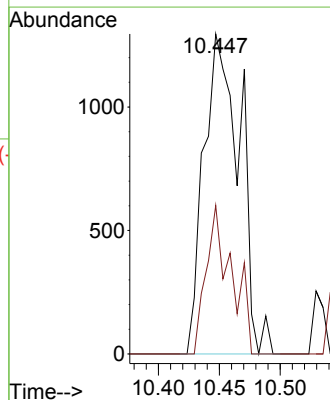
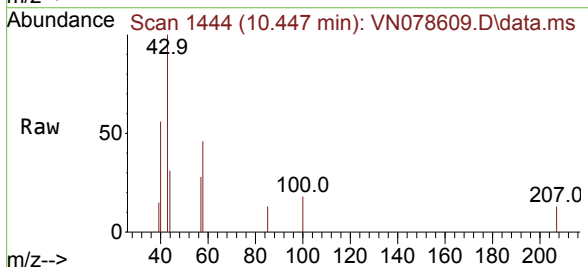
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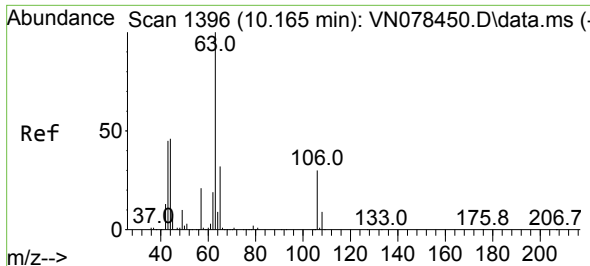
Tgt Ion: 43 Resp: 2671

Ion Ratio Lower Upper

43 100

58 32.6 36.6 54.8#

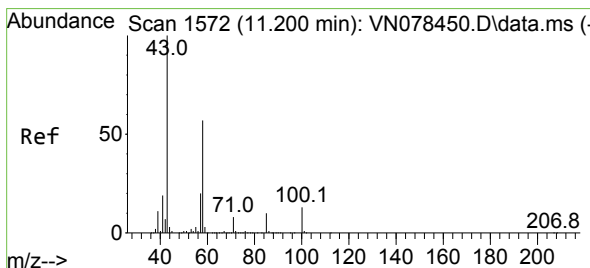
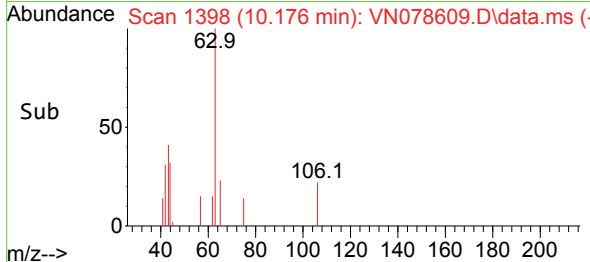
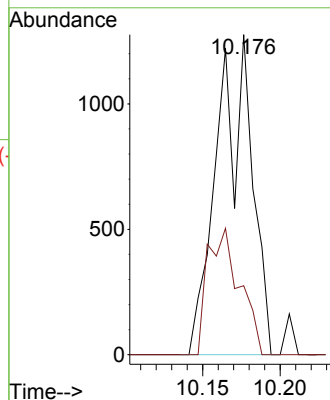
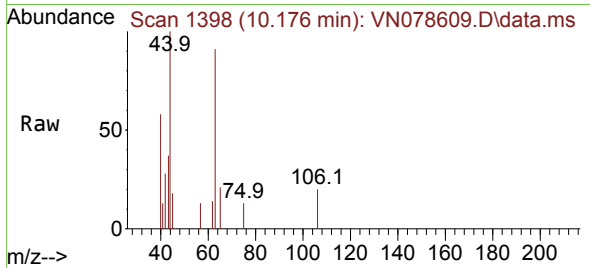




#58
2-Chloroethyl Vinyl ether
Concen: 0.753 ug/l
RT: 10.176 min Scan# 1396
Delta R.T. 0.011 min
Lab File: VN078609.D
Acq: 21 Jul 2023 13:22

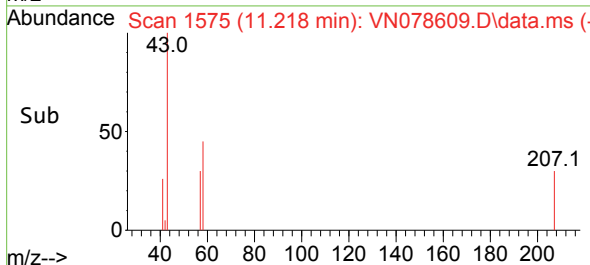
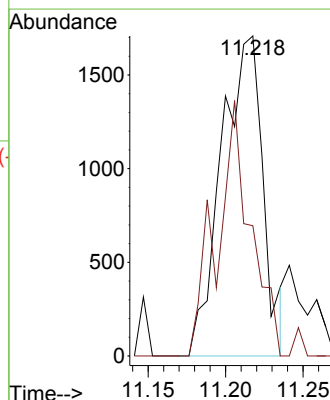
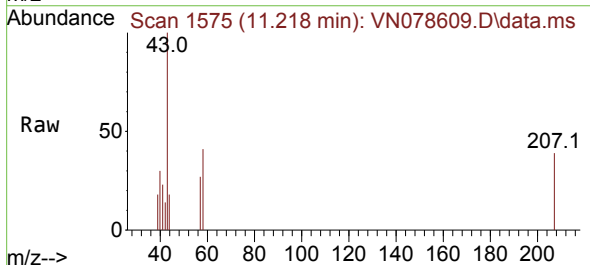
Instrument :
MSVOA_N
ClientSampleId :
TB-01-072023

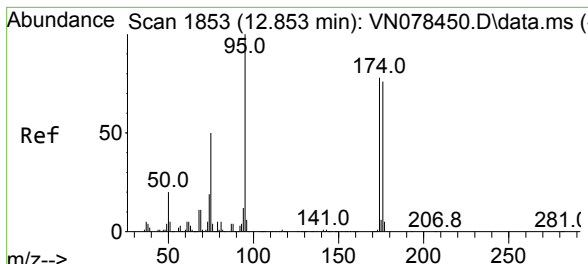
Tgt Ion: 63 Resp: 1975
Ion Ratio Lower Upper
63 100
106 36.7 26.2 39.4



#59
2-Hexanone
Concen: 0.757 ug/l
RT: 11.218 min Scan# 1575
Delta R.T. 0.018 min
Lab File: VN078609.D
Acq: 21 Jul 2023 13:22

Tgt Ion: 43 Resp: 3195
Ion Ratio Lower Upper
43 100
58 64.3 31.7 95.1

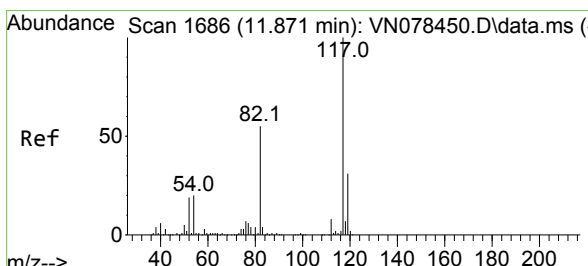
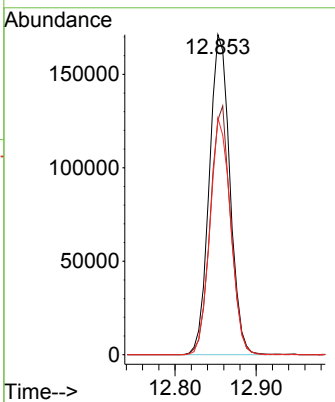
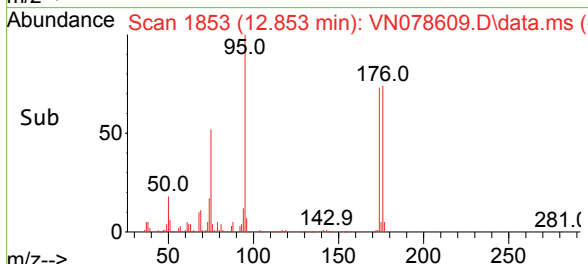
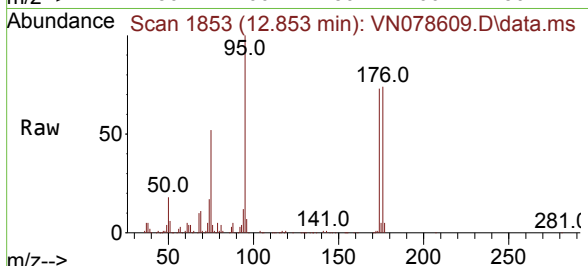




#62
 4-Bromofluorobenzene
 Concen: 51.460 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VN078609.D
 Acq: 21 Jul 2023 13:22

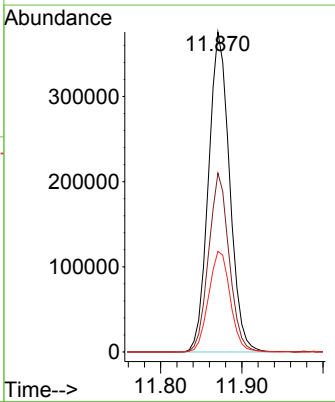
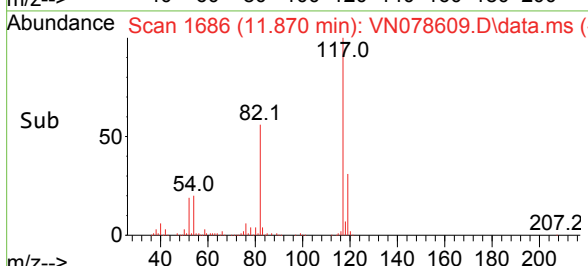
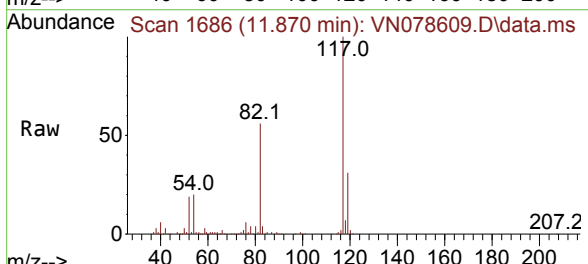
Instrument : MSVOA_N
 ClientSampleId : TB-01-072023

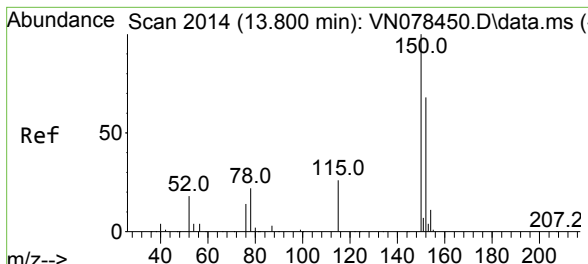
Tgt Ion:	95	Resp:	301625
Ion Ratio	Lower	Upper	
95	100		
174	76.8	0.0	143.8
176	74.1	0.0	135.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.870 min Scan# 1686
 Delta R.T. -0.001 min
 Lab File: VN078609.D
 Acq: 21 Jul 2023 13:22

Tgt Ion:	117	Resp:	678508
Ion Ratio	Lower	Upper	
117	100		
82	55.9	44.0	66.0
119	31.4	25.6	38.4



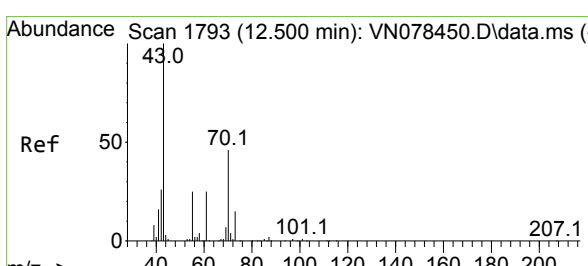
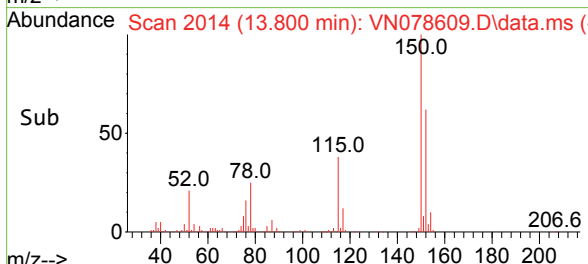
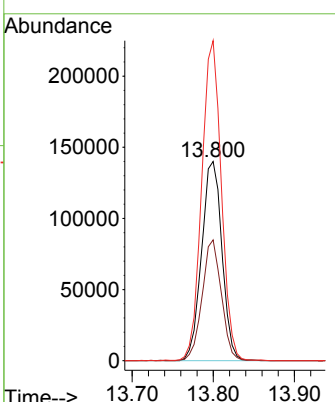
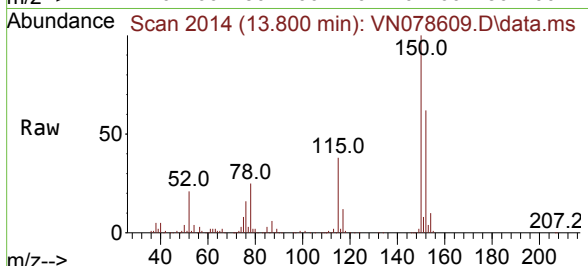


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 2014
 Delta R.T. -0.000 min
 Lab File: VN078609.D
 Acq: 21 Jul 2023 13:22

Instrument : MSVOA_N
 ClientSampleId : TB-01-072023

Tgt Ion:152 Resp: 243710

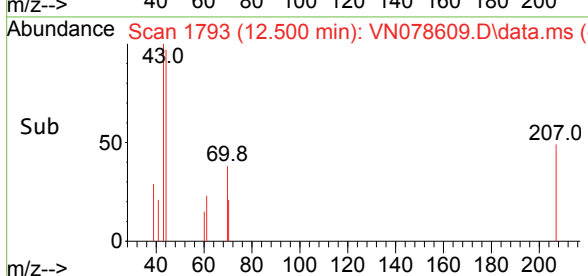
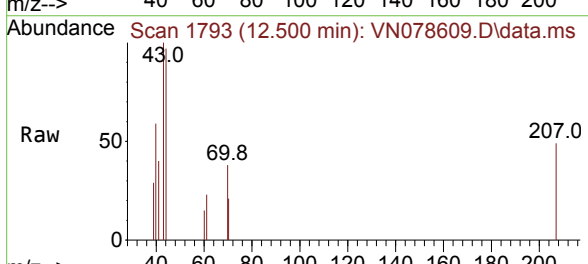
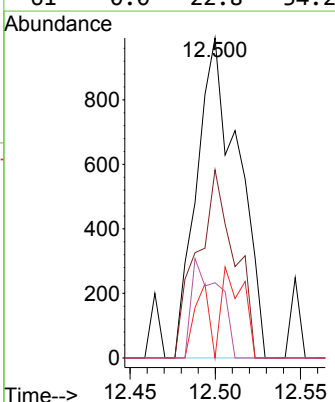
Ion	Ratio	Lower	Upper
152	100		
115	57.3	32.3	96.8
150	154.8	0.0	355.8

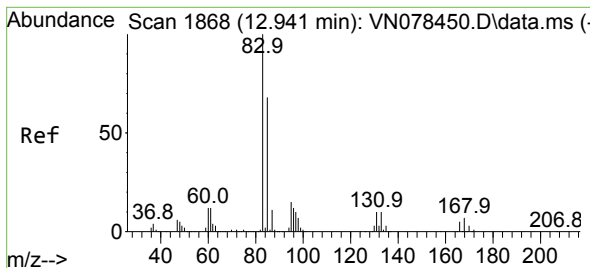


#74
 N-ethyl acetate
 Concen: 0.214 ug/l
 RT: 12.500 min Scan# 1793
 Delta R.T. -0.000 min
 Lab File: VN078609.D
 Acq: 21 Jul 2023 13:22

Tgt Ion: 43 Resp: 1689

Ion	Ratio	Lower	Upper
43	100		
70	52.4	43.4	65.2
55	14.7	21.4	32.0#
61	0.0	22.8	34.2#

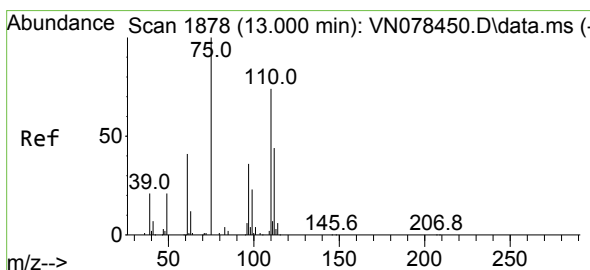
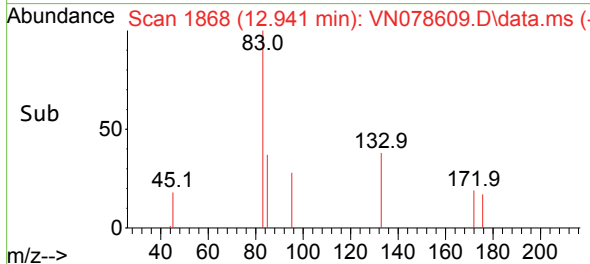
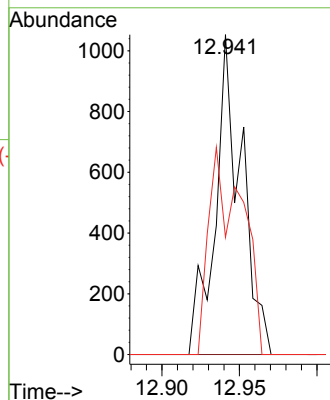
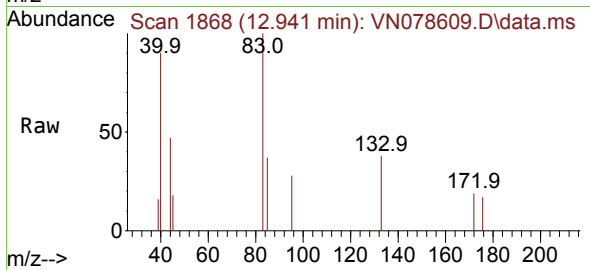




#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 12.941 min Scan# 1868
 Delta R.T. -0.000 min
 Lab File: VN078609.D
 Acq: 21 Jul 2023 13:22

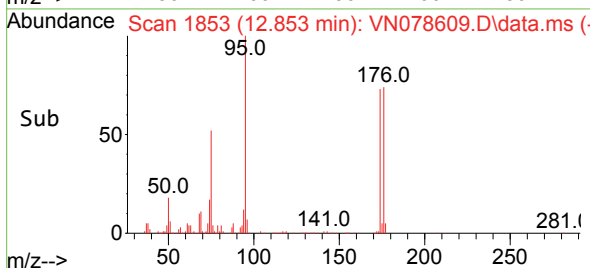
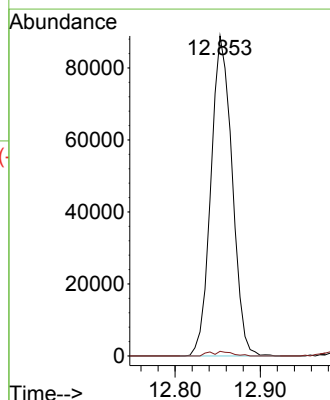
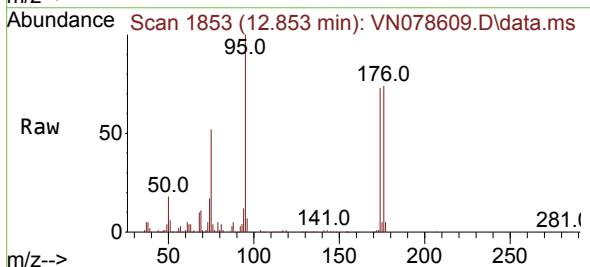
Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-072023

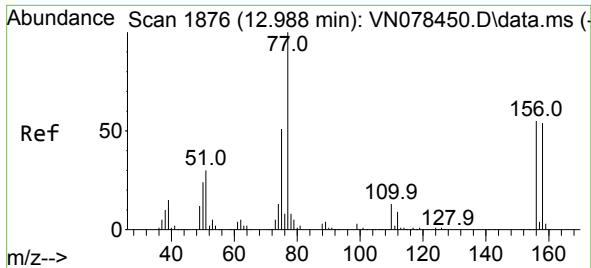
Tgt Ion: 83 Resp: 1251
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.0 15.0#
 85 81.8 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 26.137 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.147 min
 Lab File: VN078609.D
 Acq: 21 Jul 2023 13:22

Tgt Ion: 75 Resp: 153967
 Ion Ratio Lower Upper
 75 100
 77 1.0 84.5 253.5#

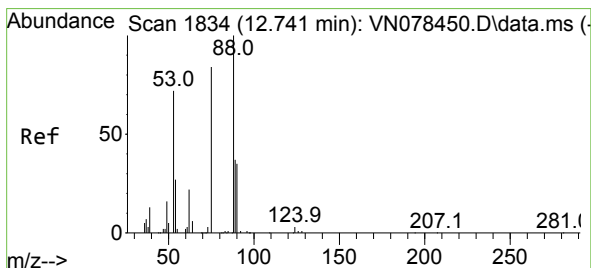
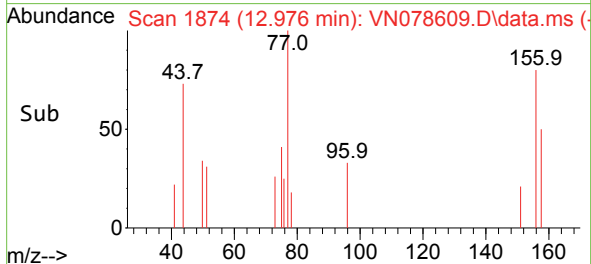
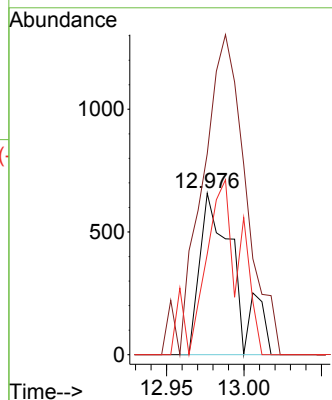
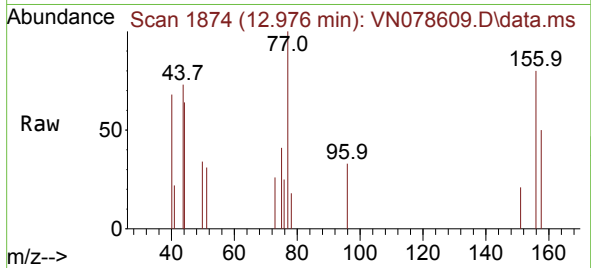




#77
Bromobenzene
Concen: Below Cal
RT: 12.976 min Scan# 1874
Delta R.T. -0.012 min
Lab File: VN078609.D
Acq: 21 Jul 2023 13:22

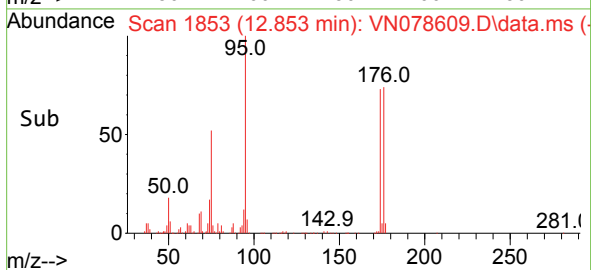
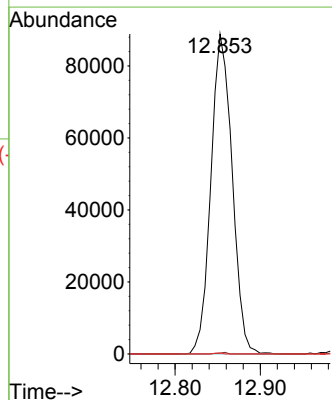
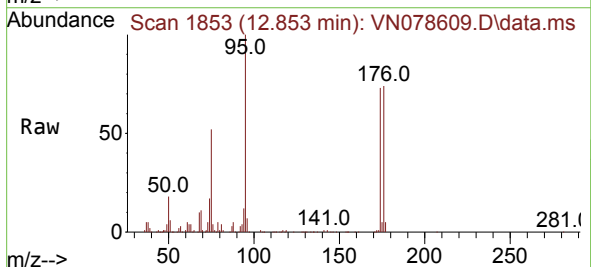
Instrument :
MSVOA_N
ClientSampleId :
TB-01-072023

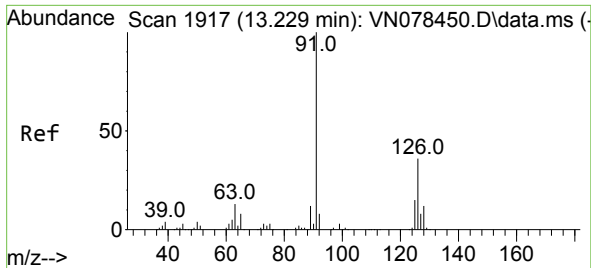
Tgt Ion:156 Resp: 1021
Ion Ratio Lower Upper
156 100
77 251.4 107.7 323.3
158 112.1 48.4 145.3



#81
trans-1,4-Dichloro-2-butene
Concen: 68.683 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN078609.D
Acq: 21 Jul 2023 13:22

Tgt Ion: 75 Resp: 153967
Ion Ratio Lower Upper
75 100
53 0.2 67.4 101.2#
89 0.1 38.8 58.2#

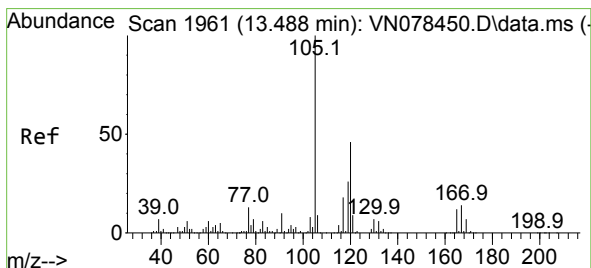
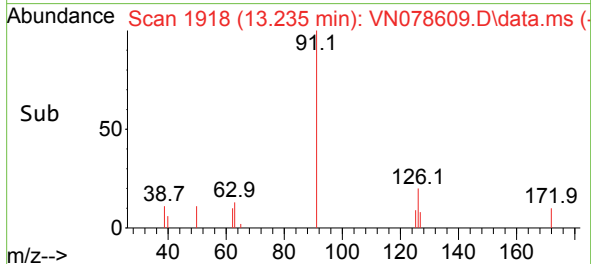
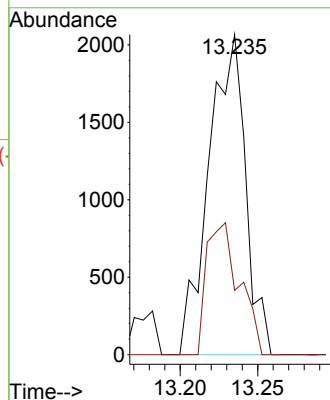
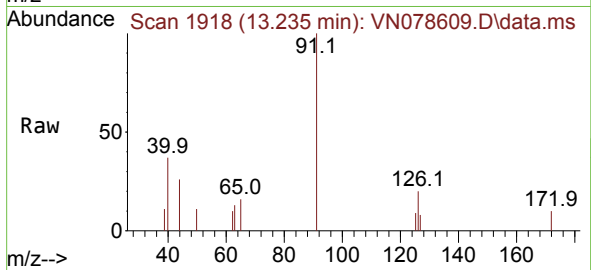




#82
4-Chlorotoluene
Concen: 0.228 ug/l
RT: 13.235 min Scan# 1917
Delta R.T. 0.006 min
Lab File: VN078609.D
Acq: 21 Jul 2023 13:22

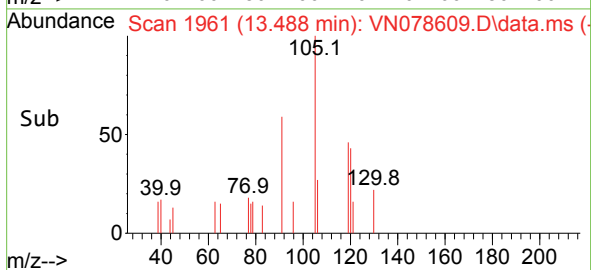
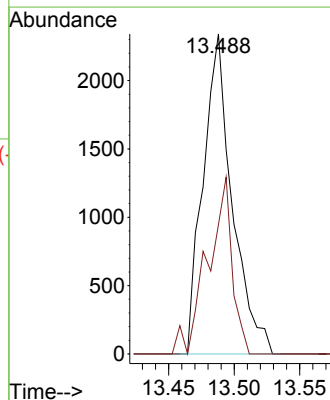
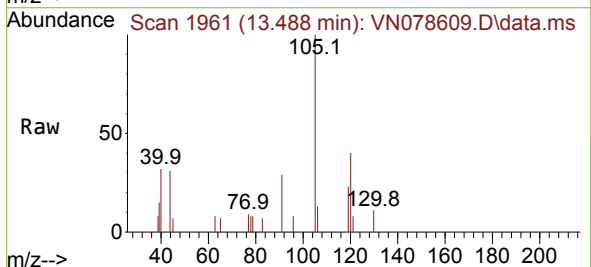
Instrument :
MSVOA_N
ClientSampleId :
TB-01-072023

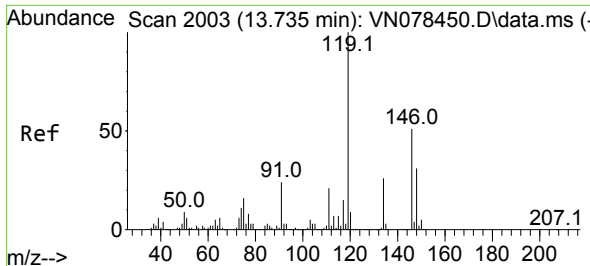
Tgt Ion: 91 Resp: 3405
Ion Ratio Lower Upper
91 100
126 36.8 16.7 50.0



#84
1,2,4-Trimethylbenzene
Concen: 0.205 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078609.D
Acq: 21 Jul 2023 13:22

Tgt Ion: 105 Resp: 3607
Ion Ratio Lower Upper
105 100
120 46.5 22.0 66.0

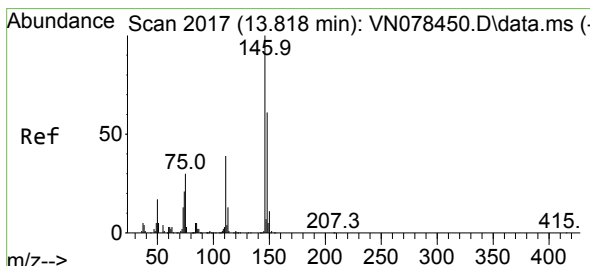
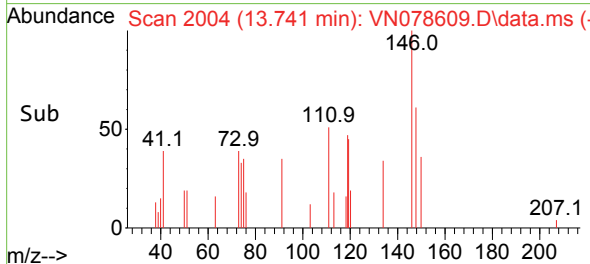
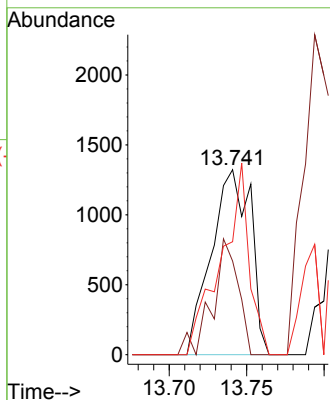
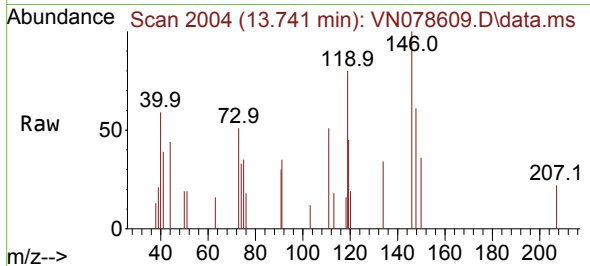




#87
1,3-Dichlorobenzene
Concen: 0.266 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.006 min
Lab File: VN078609.D
Acq: 21 Jul 2023 13:22

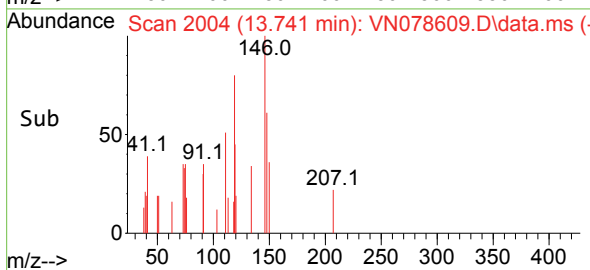
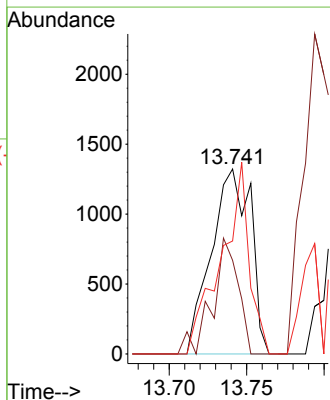
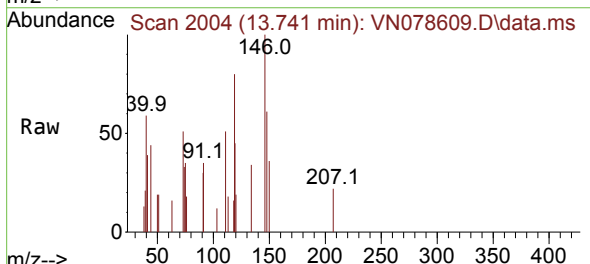
Instrument :
MSVOA_N
ClientSampleId :
TB-01-072023

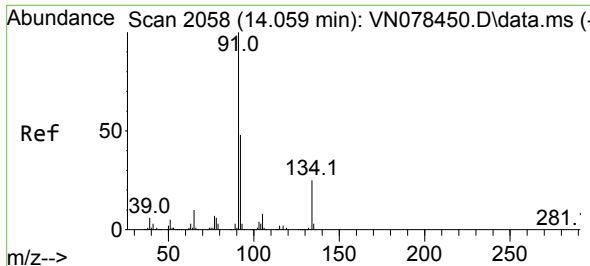
Tgt Ion:146 Resp: 2339
Ion Ratio Lower Upper
146 100
111 40.4 22.1 66.3
148 73.3 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 0.264 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. -0.077 min
Lab File: VN078609.D
Acq: 21 Jul 2023 13:22

Tgt Ion:146 Resp: 2339
Ion Ratio Lower Upper
146 100
111 40.4 20.6 61.8
148 73.3 31.6 94.8

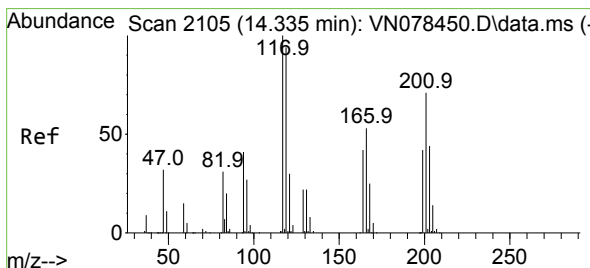
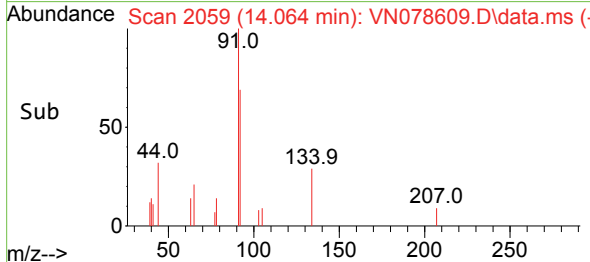
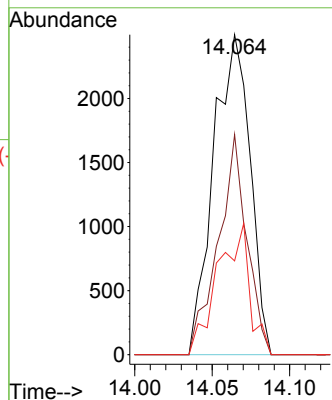
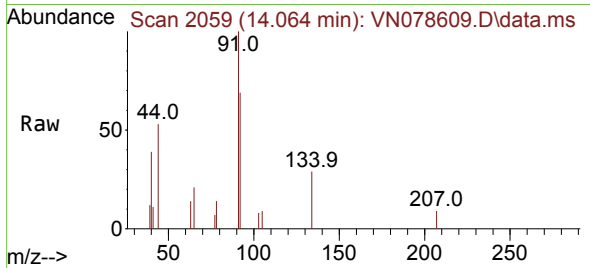




#89
n-Butylbenzene
Concen: 0.367 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. 0.005 min
Lab File: VN078609.D
Acq: 21 Jul 2023 13:22

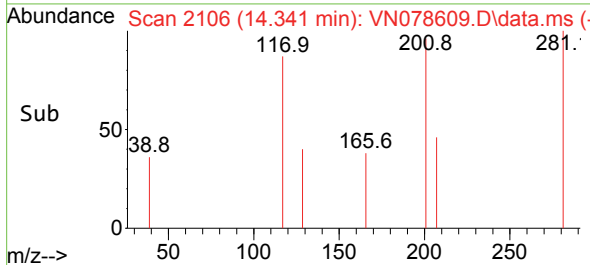
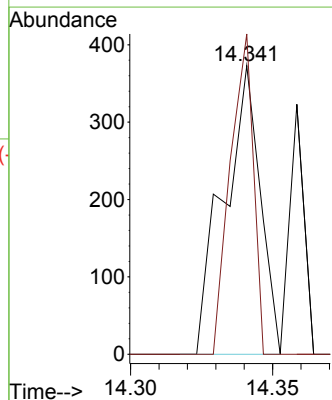
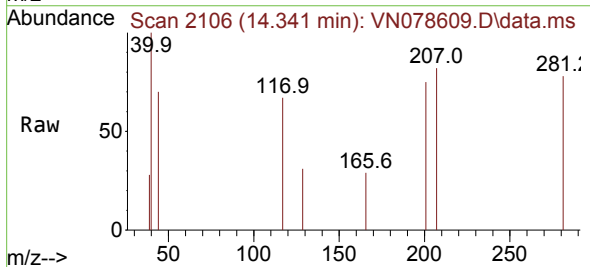
Instrument :
MSVOA_N
ClientSampleId :
TB-01-072023

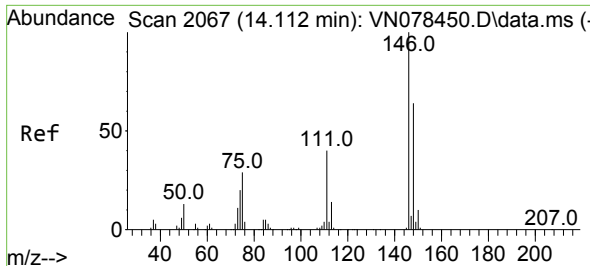
Tgt Ion: 91 Resp: 4093
Ion Ratio Lower Upper
91 100
92 53.9 26.4 79.0
134 35.8 12.6 37.6



#90
Hexachloroethane
Concen: Below Cal
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN078609.D
Acq: 21 Jul 2023 13:22

Tgt Ion: 117 Resp: 333
Ion Ratio Lower Upper
117 100
201 70.3 29.3 88.0

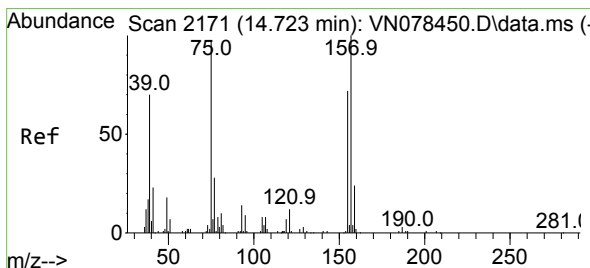
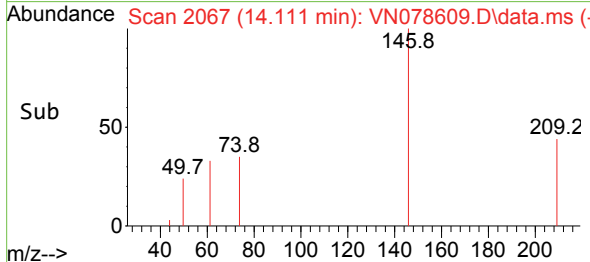
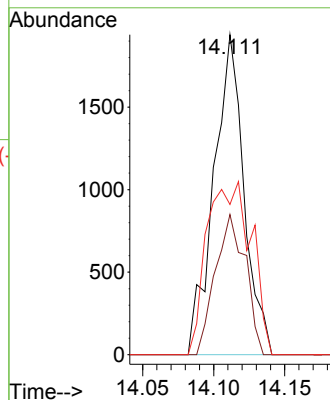
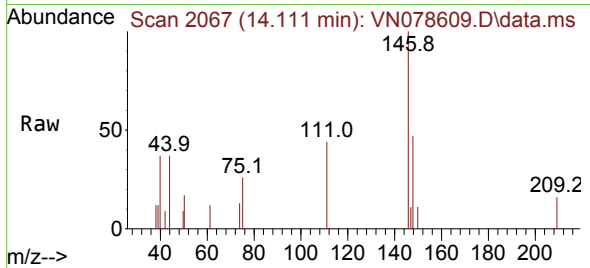




#91
1,2-Dichlorobenzene
Concen: 0.328 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.001 min
Lab File: VN078609.D
Acq: 21 Jul 2023 13:22

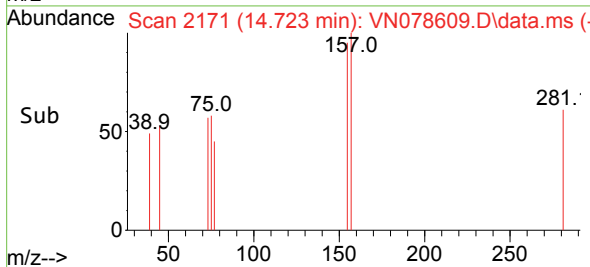
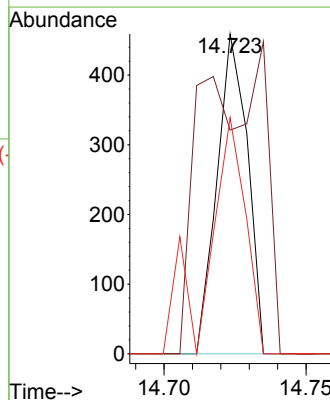
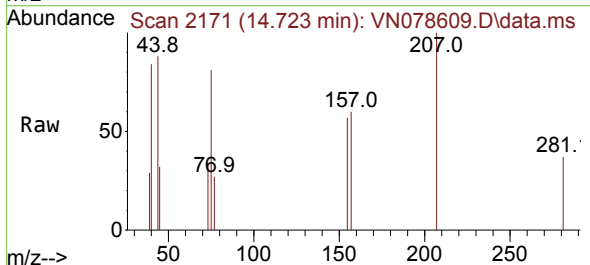
Instrument :
MSVOA_N
ClientSampleId :
TB-01-072023

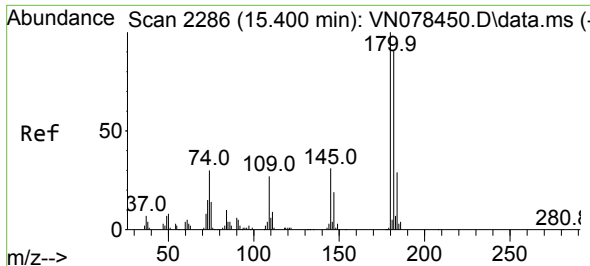
Tgt Ion:146 Resp: 2870
Ion Ratio Lower Upper
146 100
111 43.5 22.0 66.0
148 79.2 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078609.D
Acq: 21 Jul 2023 13:22

Tgt Ion: 75 Resp: 342
Ion Ratio Lower Upper
75 100
155 194.2 39.1 117.2#
157 90.1 50.3 150.9

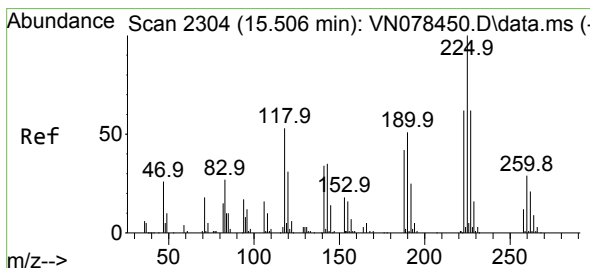
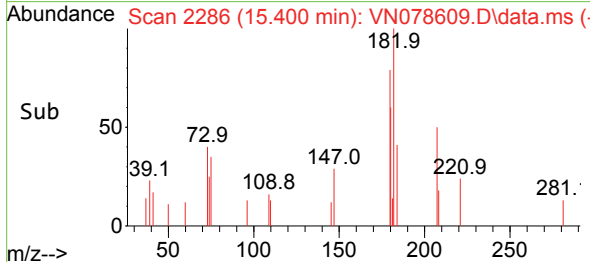
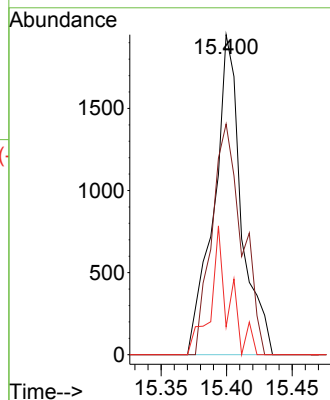
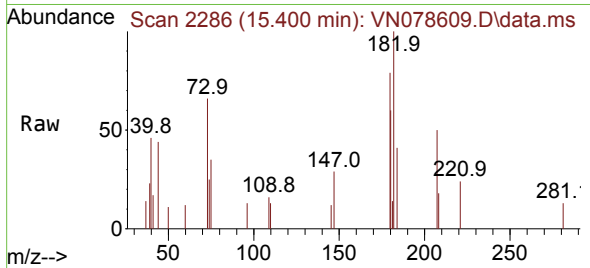




#93
1,2,4-Trichlorobenzene
Concen: 1.019 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078609.D
Acq: 21 Jul 2023 13:22

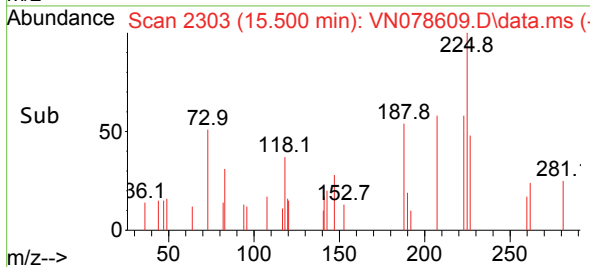
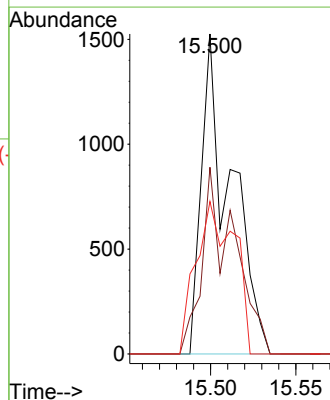
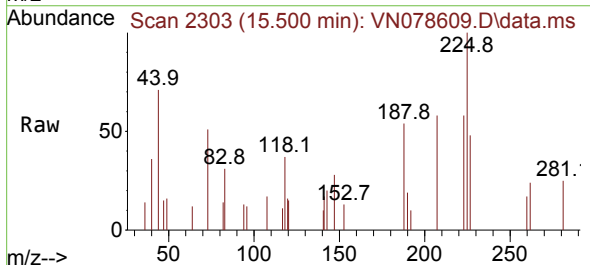
Instrument :
MSVOA_N
ClientSampleId :
TB-01-072023

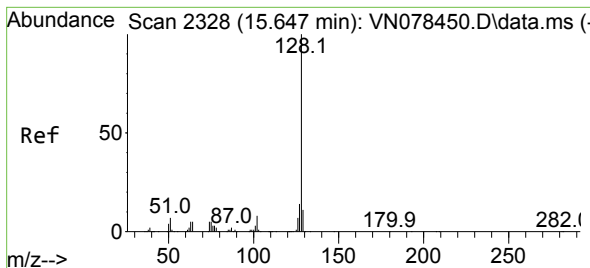
Tgt Ion:180	Resp:	2844
Ion Ratio	Lower	Upper
180	100	
182	78.8	46.1 138.2
145	26.8	16.6 49.8



#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN078609.D
Acq: 21 Jul 2023 13:22

Tgt Ion:225	Resp:	1812
Ion Ratio	Lower	Upper
225	100	
223	63.9	31.3 93.8
227	62.9	31.9 95.9





#95

Naphthalene

Concen: 0.926 ug/l

RT: 15.653 min Scan# 2329

Delta R.T. 0.006 min

Lab File: VN078609.D

Acq: 21 Jul 2023 13:22

Instrument :

MSVOA_N

ClientSampleId :

TB-01-072023

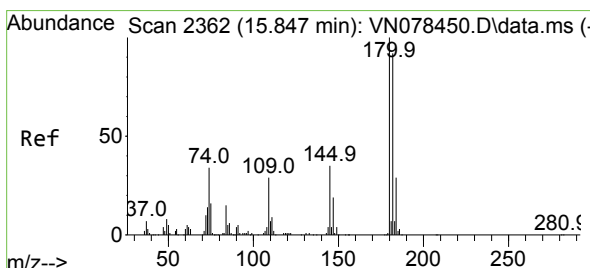
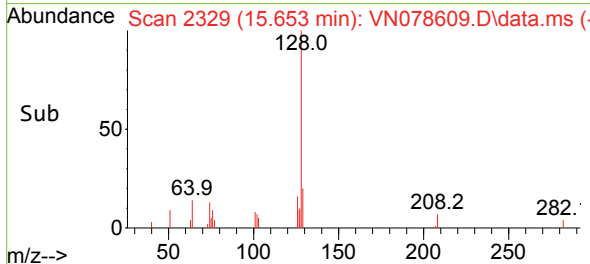
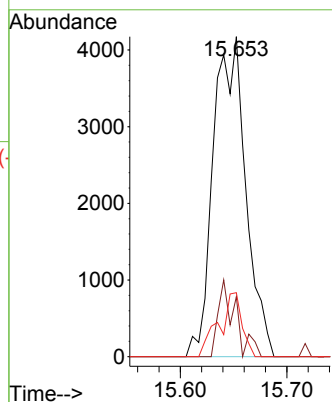
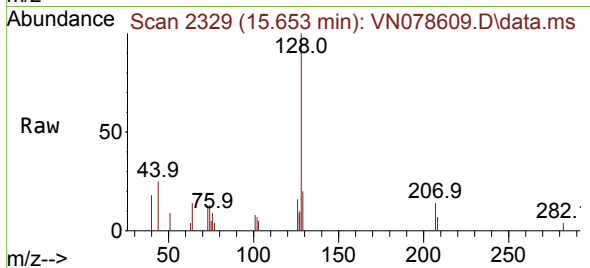
Tgt Ion:128 Resp: 8839

Ion Ratio Lower Upper

128 100

127 12.9 10.0 15.0

129 14.1 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 0.604 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.012 min

Lab File: VN078609.D

Acq: 21 Jul 2023 13:22

Tgt Ion:180 Resp: 1940

Ion Ratio Lower Upper

180 100

182 0.0 46.2 138.6#

145 67.6 17.5 52.6#

