

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072823\
 Data File : VN078682.D
 Acq On : 28 Jul 2023 14:01
 Operator : JC\MD
 Sample : 03831-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-15-20230727

Quant Time: Jul 29 00:47:40 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	698658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	1233515	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	1101353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	394941	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	439224	46.894	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.780%
35) Dibromofluoromethane	8.177	113	428756	51.204	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.400%
50) Toluene-d8	10.576	98	1485521	46.962	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.920%
62) 4-Bromofluorobenzene	12.853	95	518516	53.217	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.440%
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	2517	0.270	ug/l #	80
5) Bromomethane	2.977	94	3752	Below Cal		90
6) Chloroethane	3.112	64	445	Below Cal	#	43
7) Trichlorofluoromethane	3.500	101	14111	0.980	ug/l	85
10) Methyl Iodide	4.606	142	3250	0.310	ug/l #	89
13) Acrolein	4.183	56	456	0.321	ug/l #	16
15) Acrylonitrile	5.741	53	1078	0.295	ug/l #	87
16) Acetone	4.477	43	3878	1.329	ug/l #	82
17) Carbon Disulfide	4.712	76	6732	0.316	ug/l #	94
18) Methyl Acetate	5.047	43	3898	0.316	ug/l #	55
20) Methylene Chloride	5.289	84	1969	Below Cal	#	86
25) 2-Butanone	7.500	43	1223	0.266	ug/l	99
28) Bromochloromethane	7.818	49	1608	0.225	ug/l #	90
29) Tetrahydrofuran	7.853	42	862	0.286	ug/l #	33
30) Chloroform	7.977	83	30256	1.912	ug/l	86
31) Cyclohexane	8.235	56	12805	1.012	ug/l #	6
36) 1,1-Dichloropropene	8.235	75	51434	4.254	ug/l #	48
38) Carbon Tetrachloride	8.235	117	70475	5.363	ug/l #	16
43) Isopropyl Acetate	8.724	43	37766	2.276	ug/l #	50
44) Trichloroethene	9.347	130	2032	0.210	ug/l	84
49) 1,4-Dioxane	9.718	88	310	1.849	ug/l #	1
51) 4-Methyl-2-Pentanone	10.459	43	3334	0.338	ug/l	98
59) 2-Hexanone	11.206	43	5951	0.848	ug/l	85
60) Dibromochloromethane	11.112	129	39232	4.063	ug/l #	11
64) Tetrachloroethene	11.112	164	39115	4.724	ug/l	94
68) m/p-Xylenes	12.094	106	4194	0.273	ug/l	92
74) N-amyl acetate	12.500	43	2740	0.214	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.941	83	2027	Below Cal	#	59
76) 1,2,3-Trichloropropane	12.853	75	250358	26.226	ug/l #	1
77) Bromobenzene	12.982	156	1913	Below Cal		83
81) trans-1,4-Dichloro-2-b...	12.853	75	250358	68.917	ug/l #	15
82) 4-Chlorotoluene	13.223	91	4995	0.206	ug/l	87
84) 1,2,4-Trimethylbenzene	13.488	105	6880	0.242	ug/l	96
87) 1,3-Dichlorobenzene	13.741	146	3409	0.239	ug/l	98
88) 1,4-Dichlorobenzene	13.741	146	3409	0.238	ug/l	97
89) n-Butylbenzene	14.064	91	6155	0.340	ug/l	96

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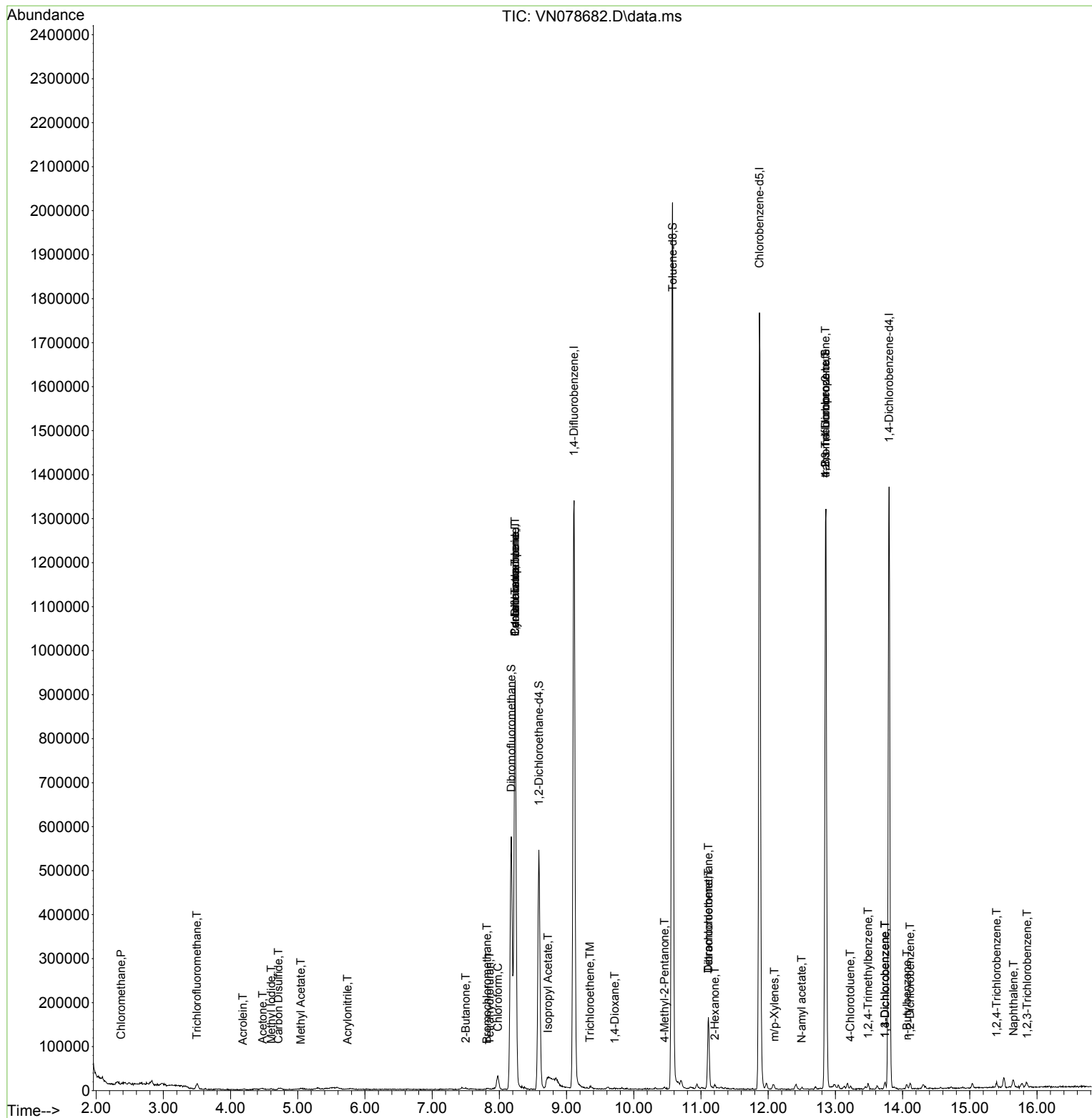
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	14.341	117	746	Below Cal	#	35
91) 1,2-Dichlorobenzene	14.112	146	5057	0.357	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.729	75	1196	Below Cal		78
93) 1,2,4-Trichlorobenzene	15.400	180	3086	0.682	ug/l	68
94) Hexachlorobutadiene	15.506	225	5608	Below Cal		95
95) Naphthalene	15.653	128	14321	0.926	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.853	180	4408	0.847	ug/l	97

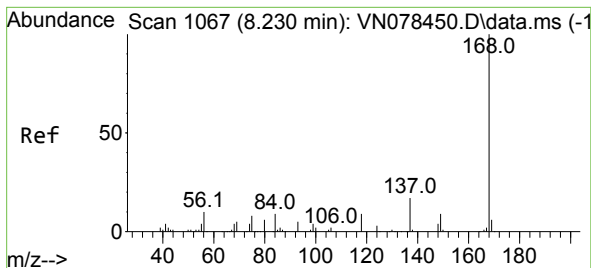
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.235 min Scan# 10

Delta R.T. 0.005 min

Lab File: VN078682.D

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Instrument :

MSVOA_N

ClientSampleId :

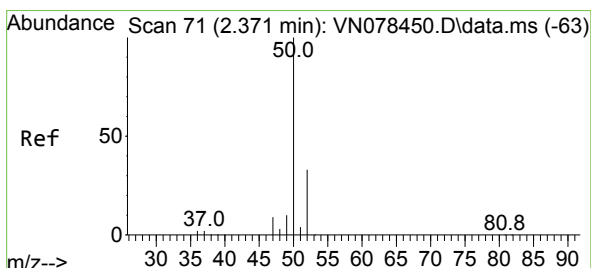
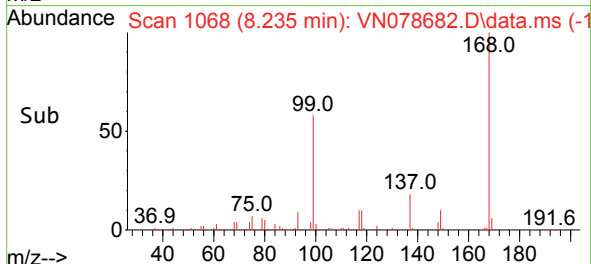
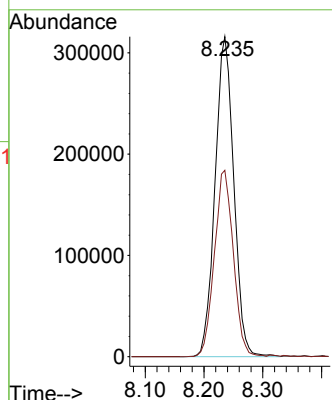
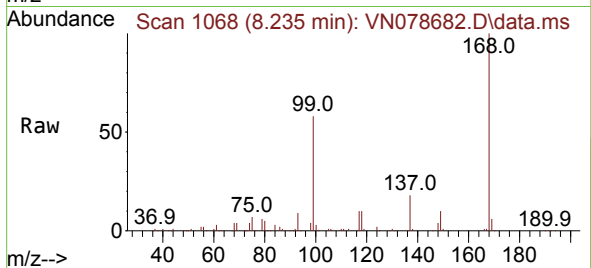
MW-15-20230727

Tgt Ion:168 Resp: 698658

Ion Ratio Lower Upper

168 100

99 58.2 53.0 79.6



#3

Chloromethane

Concen: 0.270 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN078682.D

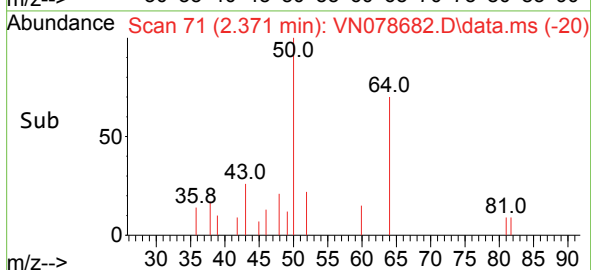
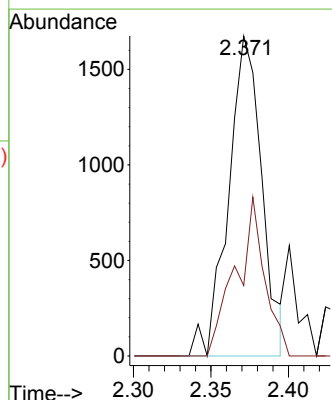
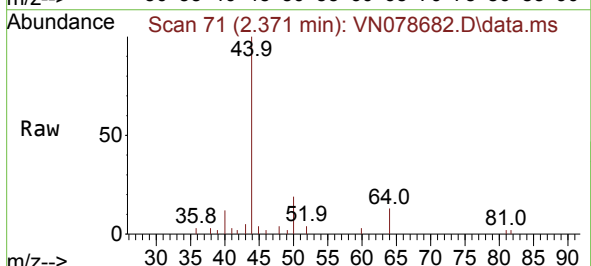
Acq: 28 Jul 2023 14:01

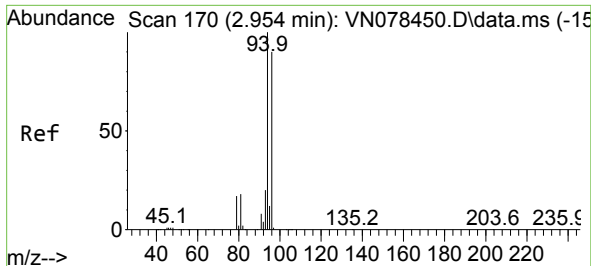
Tgt Ion: 50 Resp: 2517

Ion Ratio Lower Upper

50 100

52 22.0 26.5 39.7#

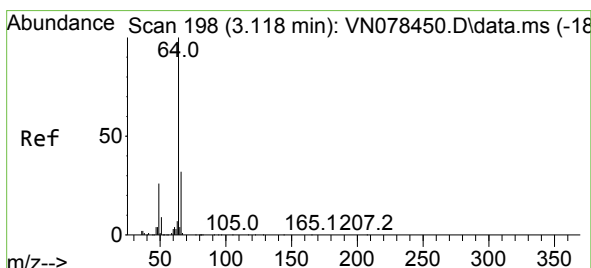
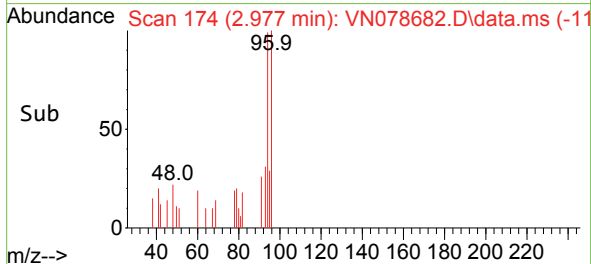
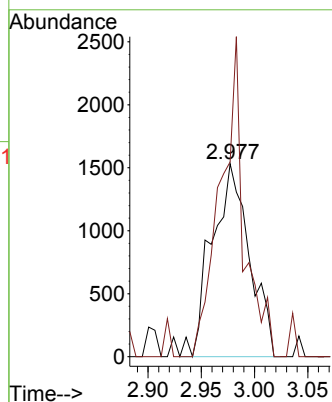
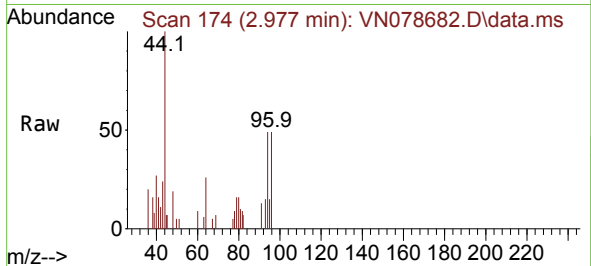




#5
Bromomethane
Concen: Below Cal
RT: 2.977 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN078682.D
Acq: 28 Jul 2023 14:01

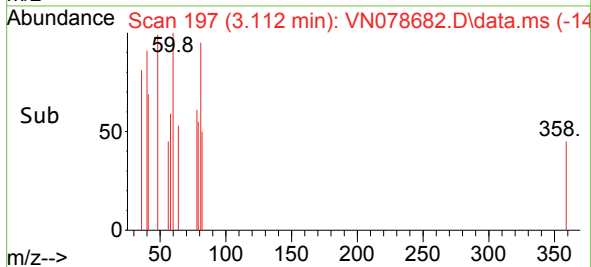
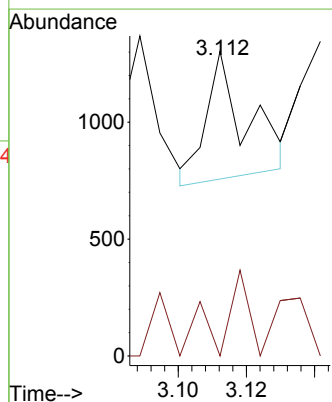
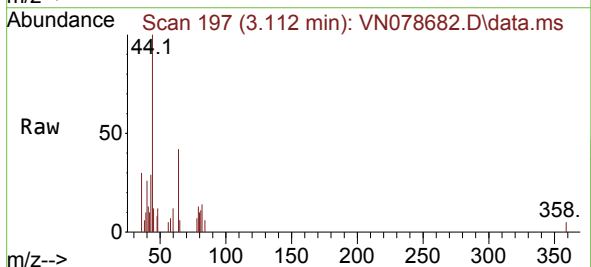
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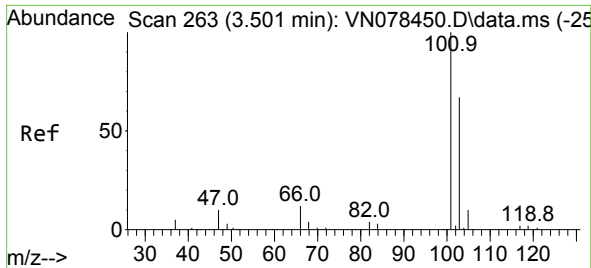
Tgt Ion: 94 Resp: 3752
Ion Ratio Lower Upper
94 100
96 100.9 73.1 109.7



#6
Chloroethane
Concen: Below Cal
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN078682.D
Acq: 28 Jul 2023 14:01

Tgt Ion: 64 Resp: 445
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

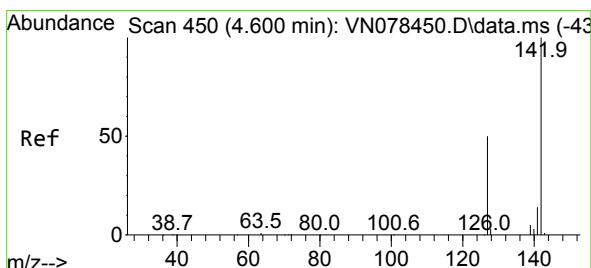
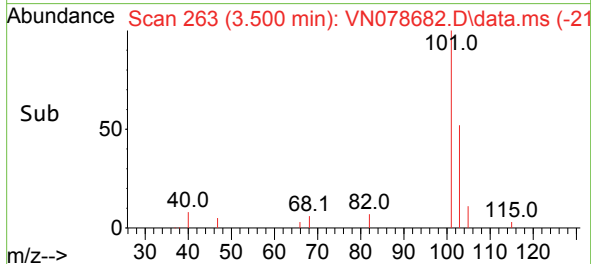
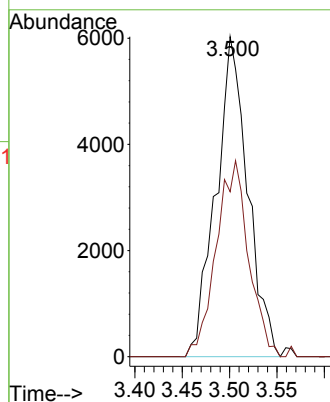
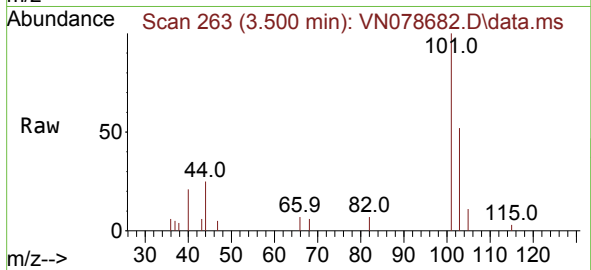




#7
 Trichlorofluoromethane
 Concen: 0.980 ug/l
 RT: 3.500 min Scan# 210
 Delta R.T. -0.001 min
 Lab File: VN078682.D
 Acq: 28 Jul 2023 14:01

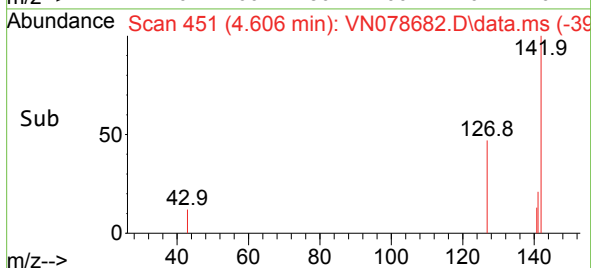
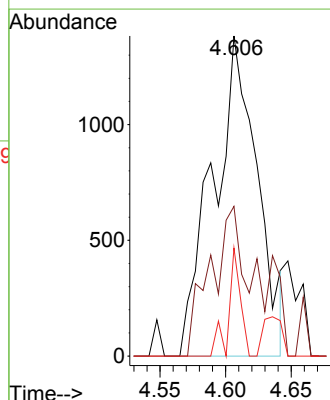
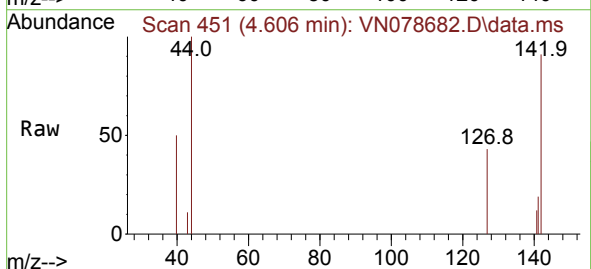
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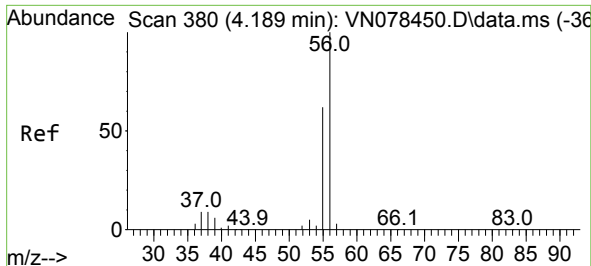
Tgt Ion:101 Resp: 14111
 Ion Ratio Lower Upper
 101 100
 103 51.5 50.7 76.1



#10
 Methyl Iodide
 Concen: 0.310 ug/l
 RT: 4.606 min Scan# 451
 Delta R.T. 0.006 min
 Lab File: VN078682.D
 Acq: 28 Jul 2023 14:01

Tgt Ion:142 Resp: 3250
 Ion Ratio Lower Upper
 142 100
 127 46.8 37.6 56.4
 141 33.8 11.4 17.0#

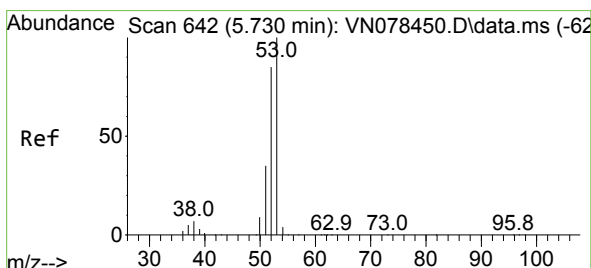
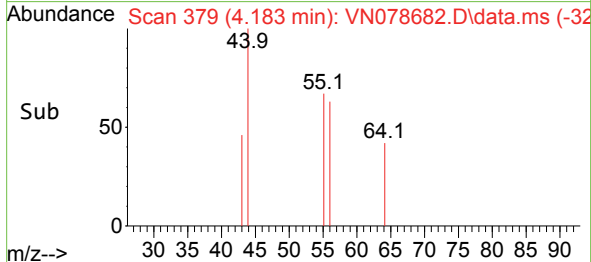
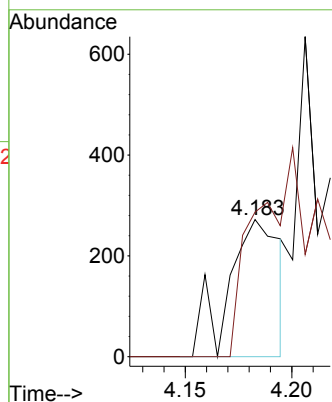
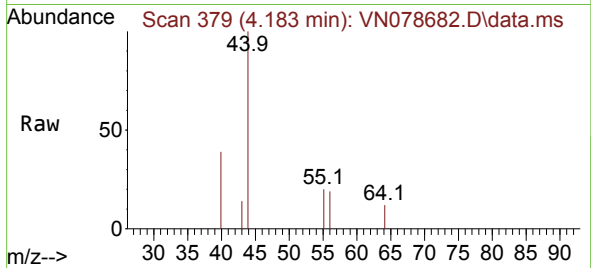




#13
Acrolein
Concen: 0.321 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN078682.D
Acq: 28 Jul 2023 14:01

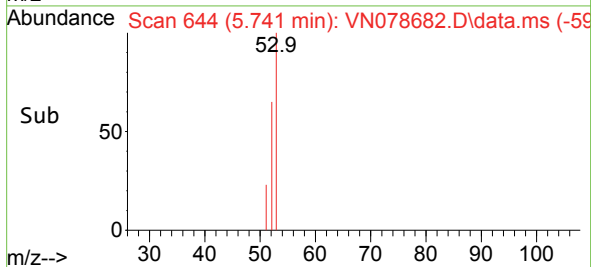
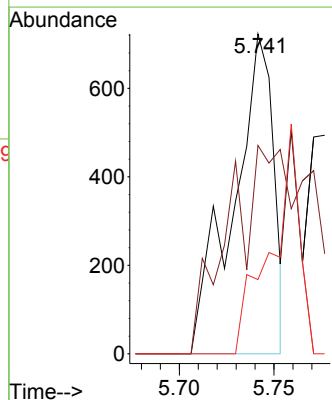
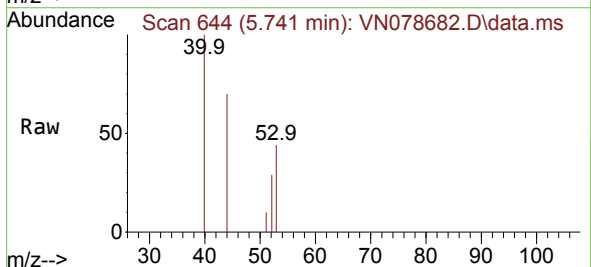
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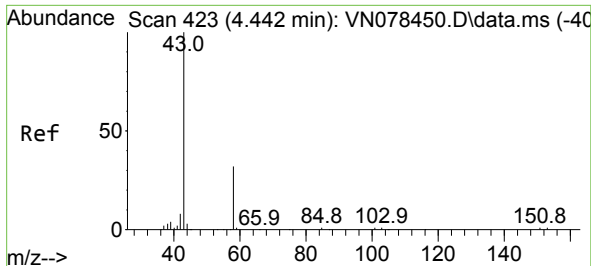
Tgt Ion: 56 Resp: 456
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7#



#15
Acrylonitrile
Concen: 0.295 ug/l
RT: 5.741 min Scan# 644
Delta R.T. 0.011 min
Lab File: VN078682.D
Acq: 28 Jul 2023 14:01

Tgt Ion: 53 Resp: 1078
Ion Ratio Lower Upper
53 100
52 89.1 65.3 97.9
51 49.8 28.9 43.3#

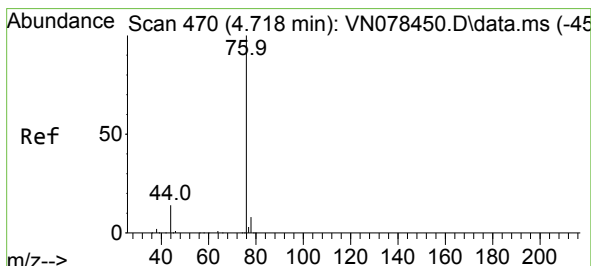
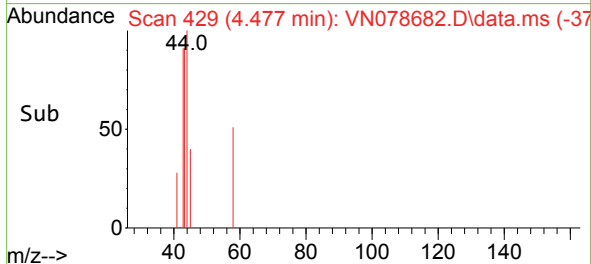
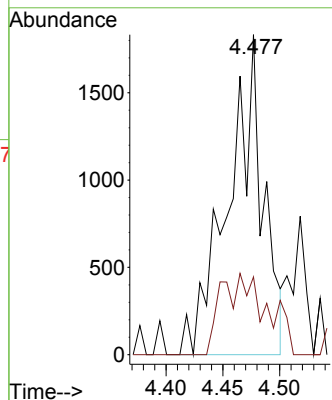
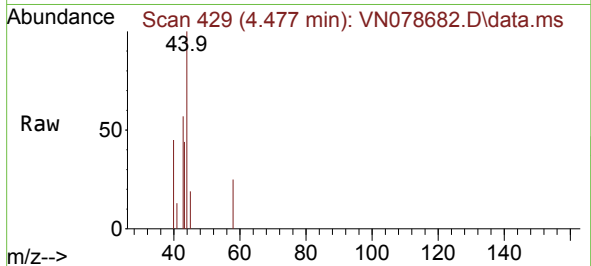




#16
Acetone
Concen: 1.329 ug/l
RT: 4.477 min Scan# 41
Delta R.T. 0.035 min
Lab File: VN078682.D
Acq: 28 Jul 2023 14:01

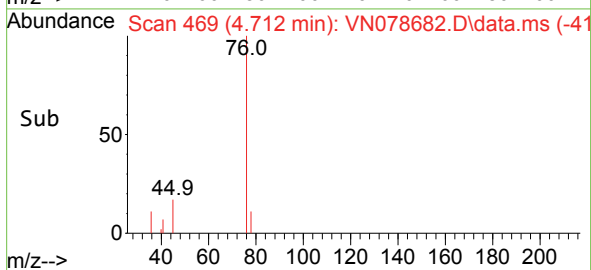
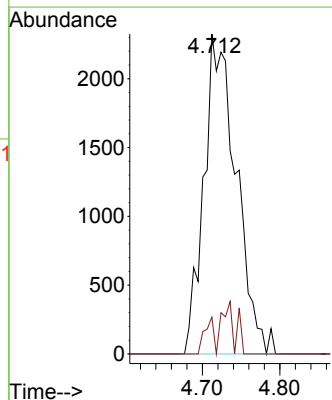
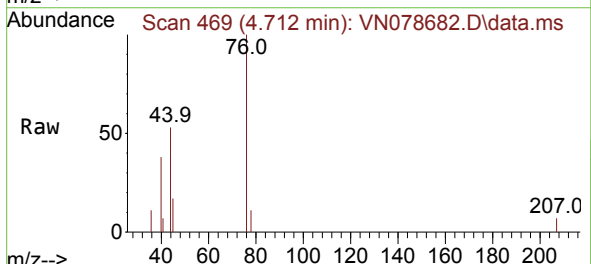
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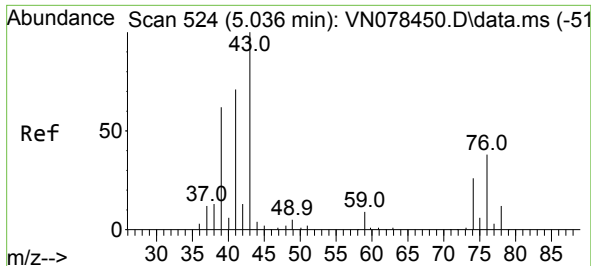
Tgt Ion: 43 Resp: 3878
Ion Ratio Lower Upper
43 100
58 24.3 28.0 42.0#



#17
Carbon Disulfide
Concen: 0.316 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.006 min
Lab File: VN078682.D
Acq: 28 Jul 2023 14:01

Tgt Ion: 76 Resp: 6732
Ion Ratio Lower Upper
76 100
78 11.5 7.4 11.0#

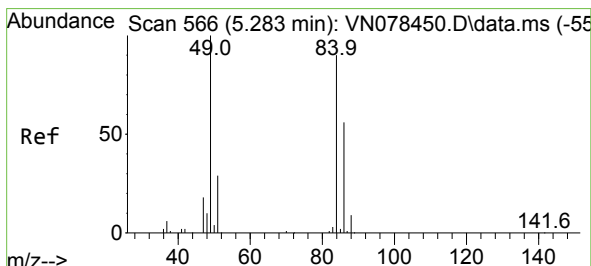
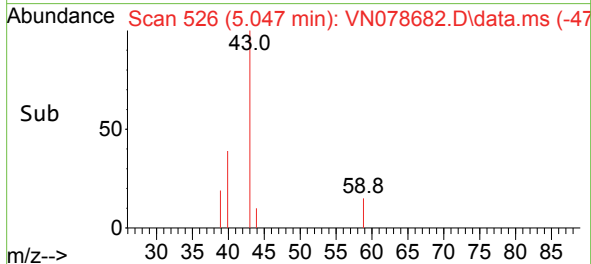
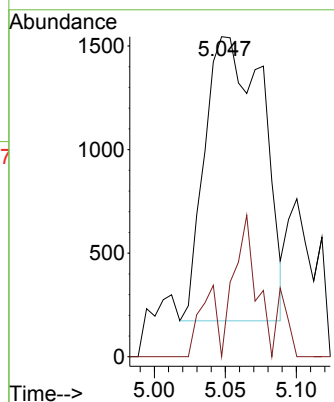
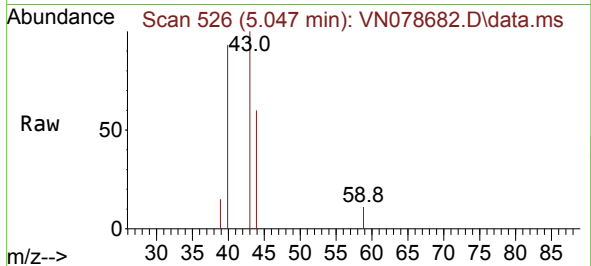




#18
Methyl Acetate
Concen: 0.316 ug/l
RT: 5.047 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN078682.D
Acq: 28 Jul 2023 14:01

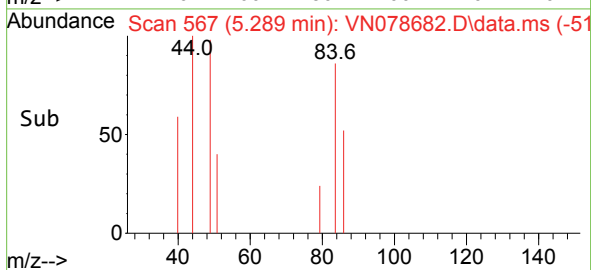
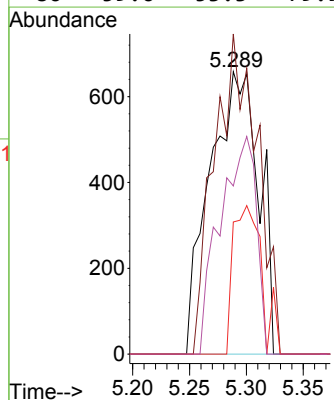
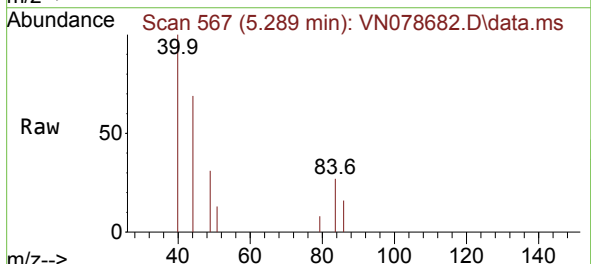
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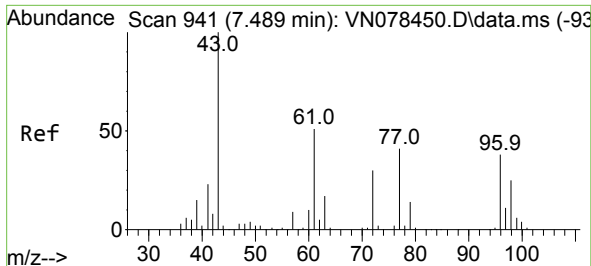
Tgt Ion: 43 Resp: 3898
Ion Ratio Lower Upper
43 100
74 7.3 26.2 39.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078682.D
Acq: 28 Jul 2023 14:01

Tgt Ion: 84 Resp: 1969
Ion Ratio Lower Upper
84 100
49 113.4 79.7 119.5
51 46.8 25.2 37.8#
86 59.6 53.3 79.9





#25

2-Butanone

Concen: 0.266 ug/l

RT: 7.500 min Scan# 941

Delta R.T. 0.011 min

Lab File: VN078682.D

Acq: 28 Jul 2023 14:01

Instrument :

MSVOA_N

ClientSampleId :

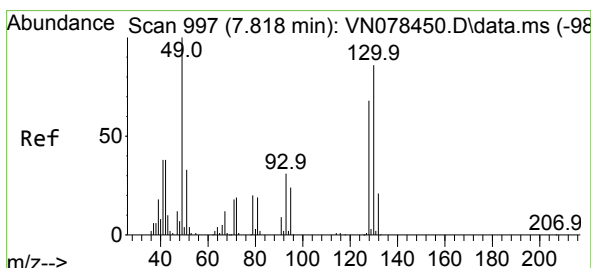
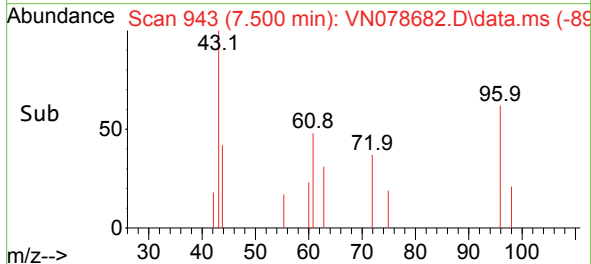
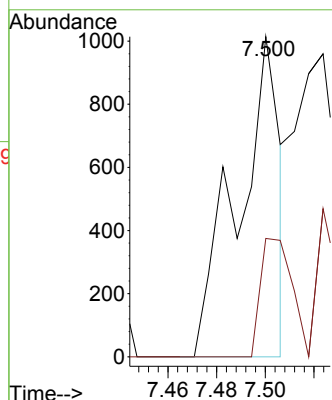
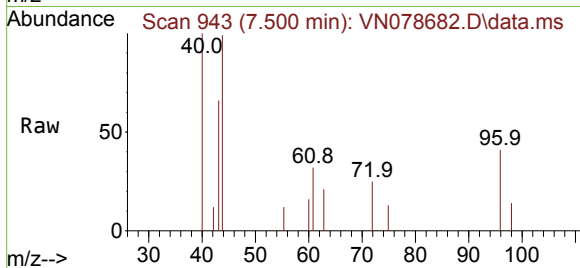
MW-15-20230727

Tgt Ion: 43 Resp: 1223

Ion Ratio Lower Upper

43 100

72 37.0 30.2 45.2



#28

Bromochloromethane

Concen: 0.225 ug/l

RT: 7.818 min Scan# 997

Delta R.T. -0.000 min

Lab File: VN078682.D

Acq: 28 Jul 2023 14:01

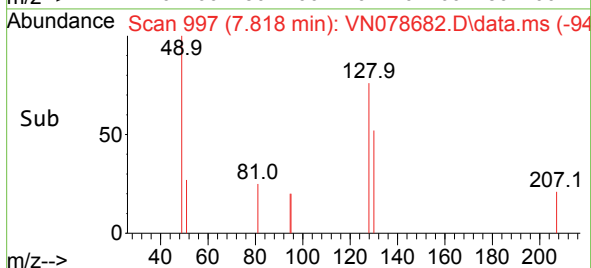
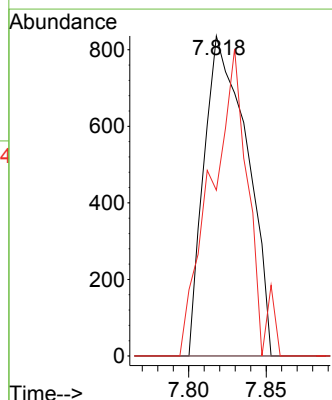
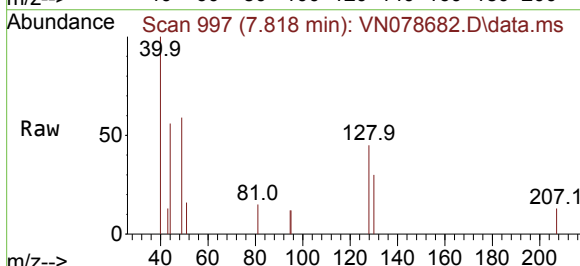
Tgt Ion: 49 Resp: 1608

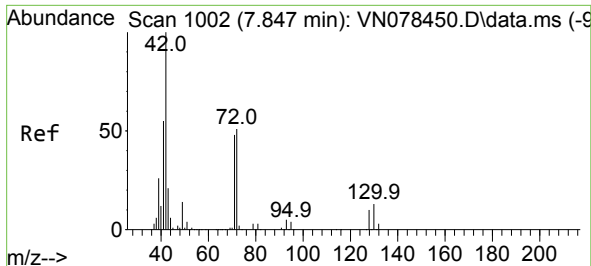
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.8

130 84.1 75.3 112.9





#29

Tetrahydrofuran

Concen: 0.286 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.006 min

Lab File: VN078682.D

Acq: 28 Jul 2023 14:01

Instrument :

MSVOA_N

ClientSampleId :

MW-15-20230727

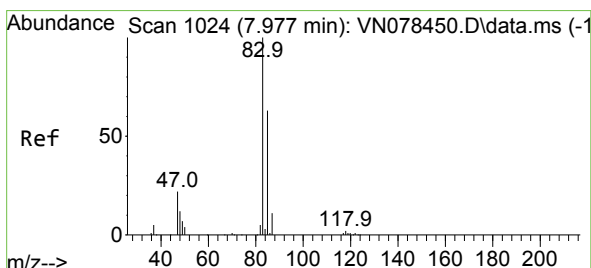
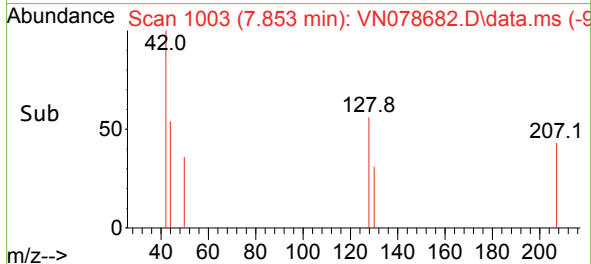
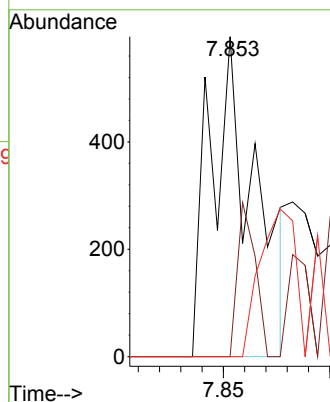
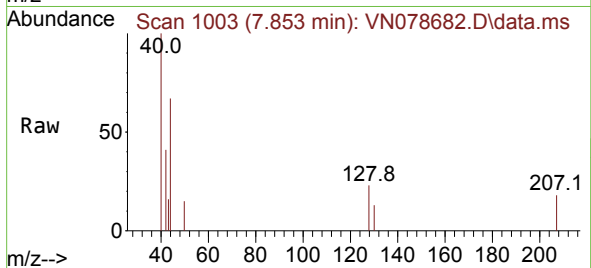
Tgt Ion: 42 Resp: 862

Ion Ratio Lower Upper

42 100

72 19.4 49.8 74.6#

71 0.0 47.4 71.2#



#30

Chloroform

Concen: 1.912 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN078682.D

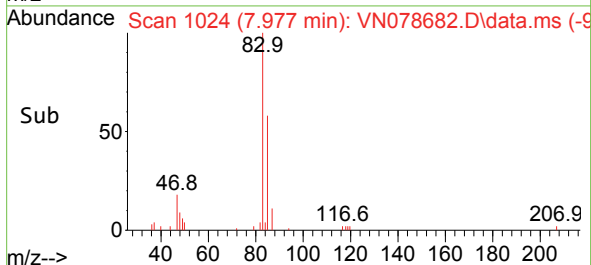
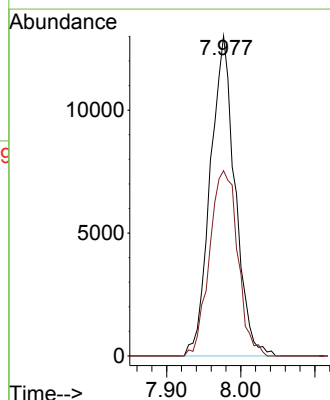
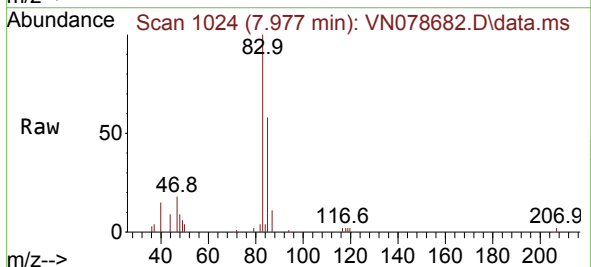
Acq: 28 Jul 2023 14:01

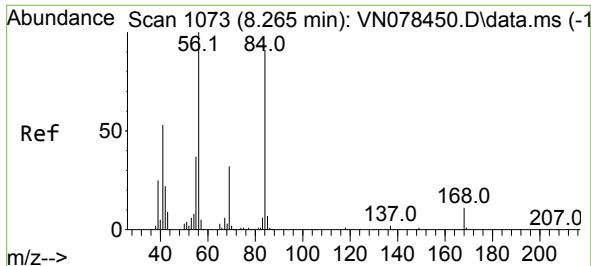
Tgt Ion: 83 Resp: 30256

Ion Ratio Lower Upper

83 100

85 57.9 55.4 83.0

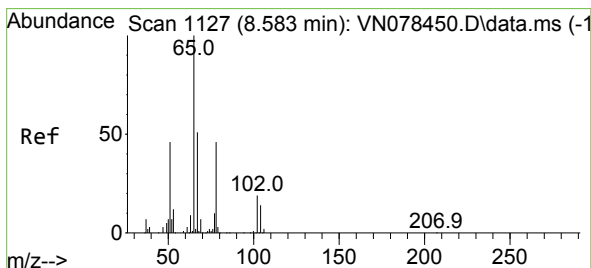
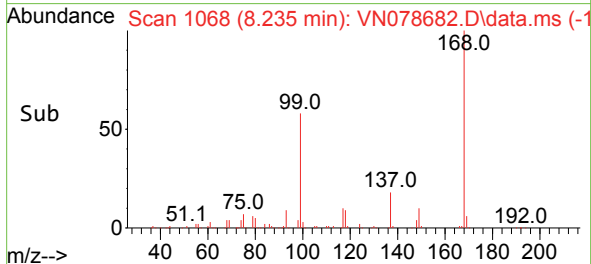
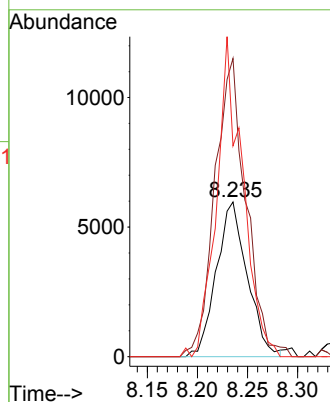
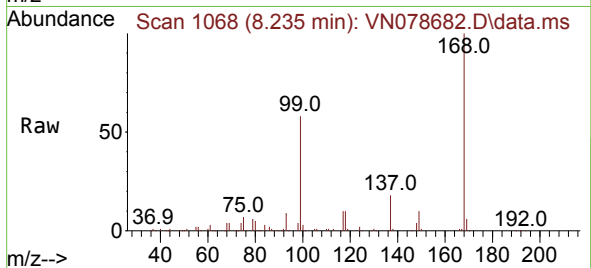




#31
Cyclohexane
Concen: 1.012 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.030 min
Lab File: VN078682.D
Acq: 28 Jul 2023 14:01

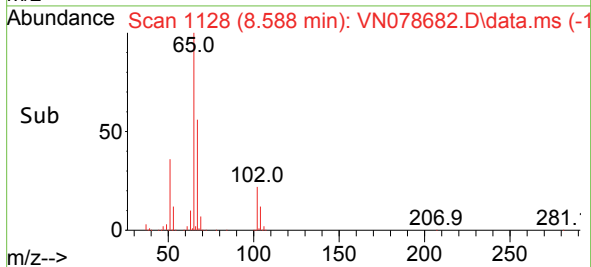
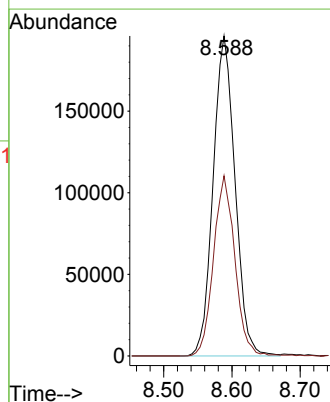
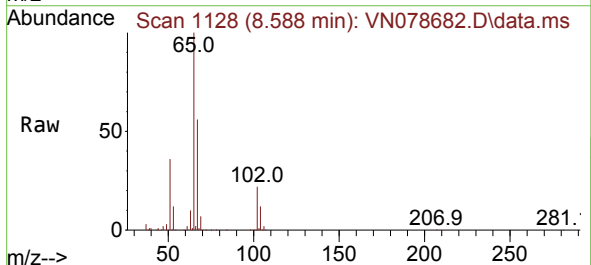
Instrument :
MSVOA_N
ClientSampleId :
MW-15-20230727

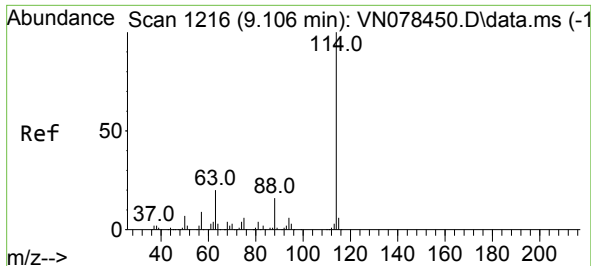
Tgt Ion: 56 Resp: 12805
Ion Ratio Lower Upper
56 100
69 192.7 26.8 40.2#
84 136.3 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 46.894 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN078682.D
Acq: 28 Jul 2023 14:01

Tgt Ion: 65 Resp: 439224
Ion Ratio Lower Upper
65 100
67 55.0 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN078682.D

Acq: 28 Jul 2023 14:01

Instrument :

MSVOA_N

ClientSampleId :

MW-15-20230727

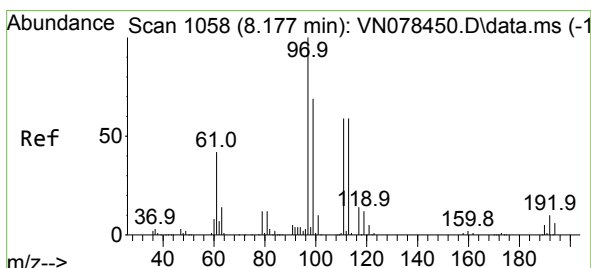
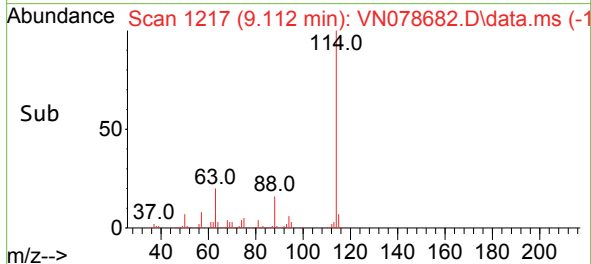
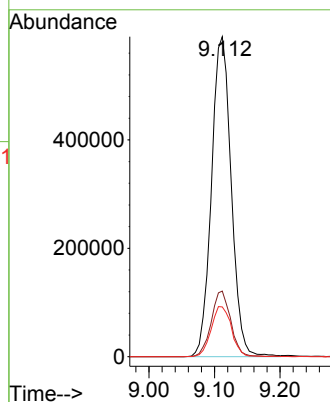
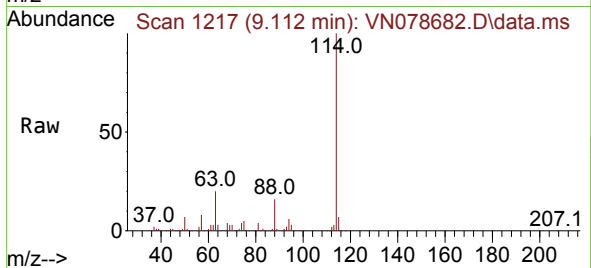
Tgt Ion:114 Resp: 1233515

Ion Ratio Lower Upper

114 100

63 20.5 0.0 36.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.204 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078682.D

Acq: 28 Jul 2023 14:01

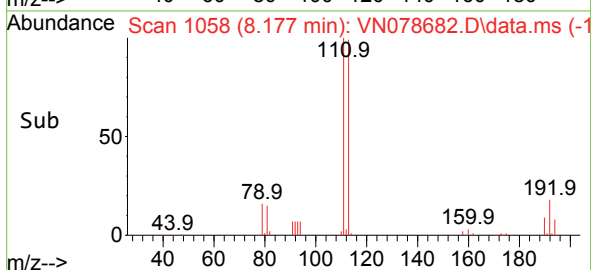
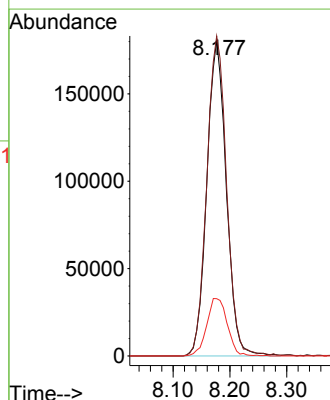
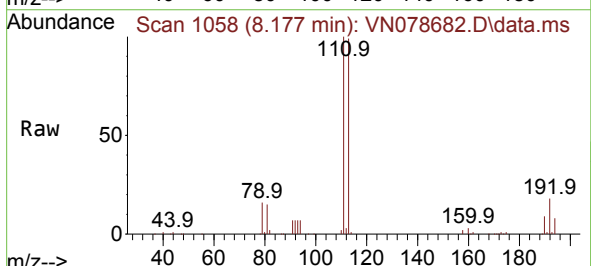
Tgt Ion:113 Resp: 428756

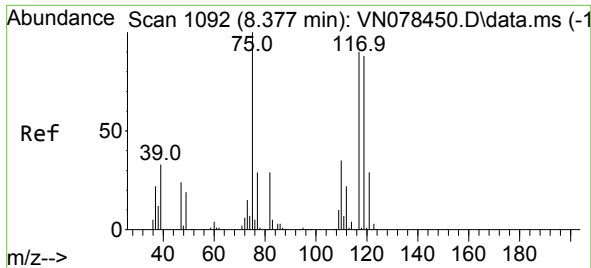
Ion Ratio Lower Upper

113 100

111 103.5 82.6 123.8

192 19.3 12.7 19.1#

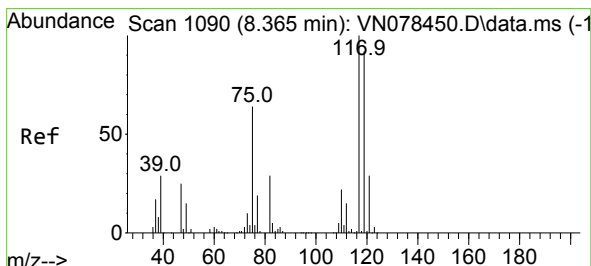
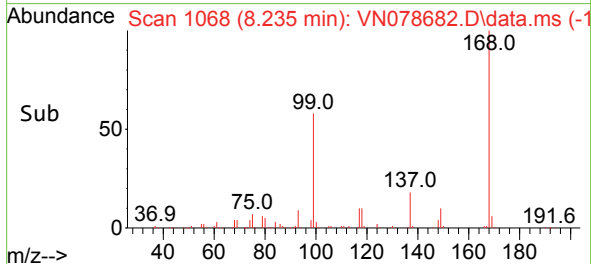
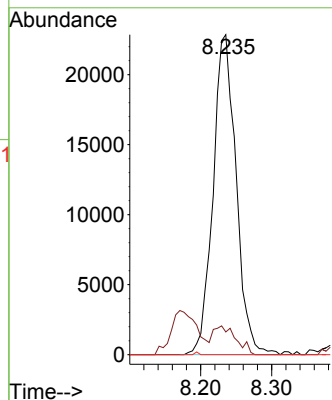
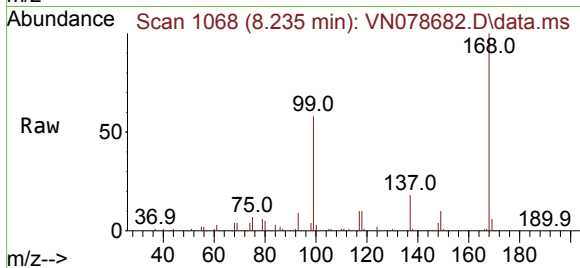




#36
 1,1-Dichloropropene
 Concen: 4.254 ug/l
 RT: 8.235 min Scan# 1068
 Delta R.T. -0.142 min
 Lab File: VN078682.D
 Acq: 28 Jul 2023 14:01

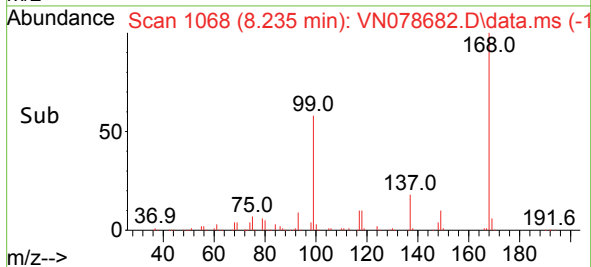
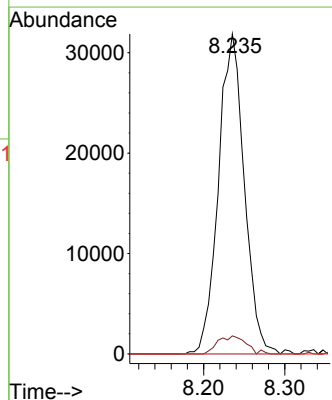
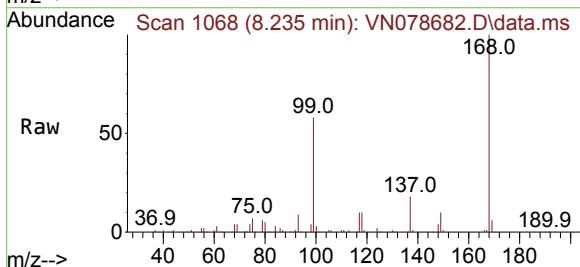
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-15-20230727

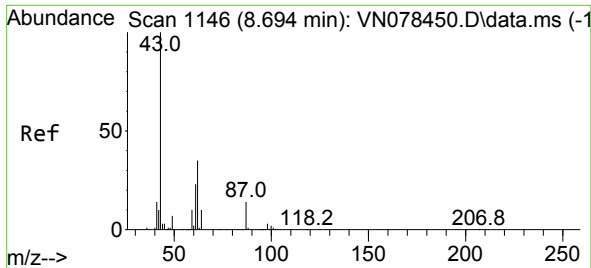
Tgt Ion: 75 Resp: 51434
 Ion Ratio Lower Upper
 75 100
 110 8.9 19.1 57.3#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.363 ug/l
 RT: 8.235 min Scan# 1068
 Delta R.T. -0.130 min
 Lab File: VN078682.D
 Acq: 28 Jul 2023 14:01

Tgt Ion: 117 Resp: 70475
 Ion Ratio Lower Upper
 117 100
 119 5.6 77.3 115.9#
 121 0.0 23.3 34.9#

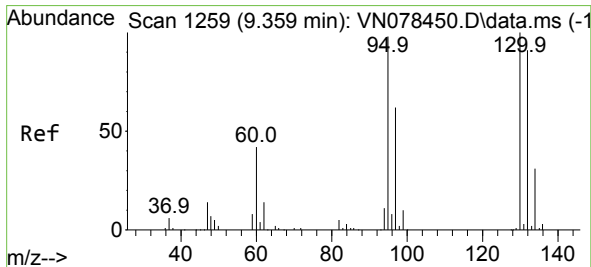
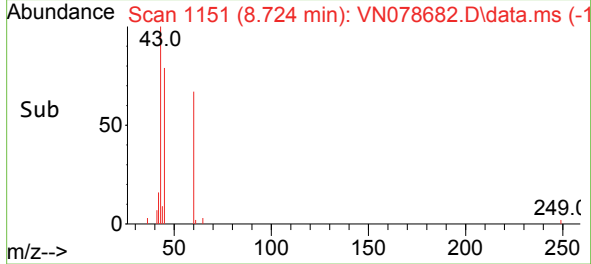
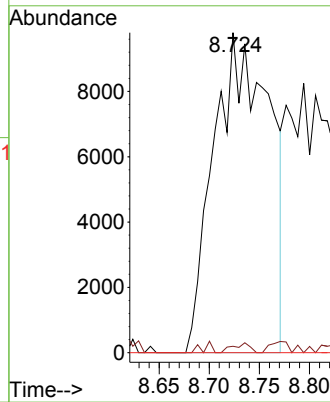
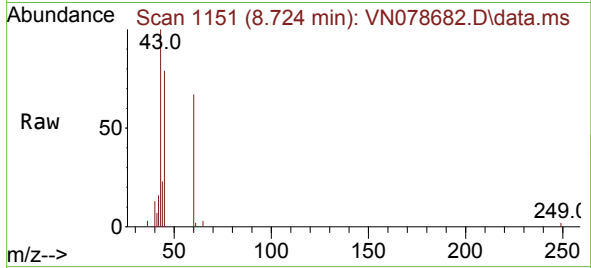




#43
Isopropyl Acetate
Concen: 2.276 ug/l
RT: 8.724 min Scan# 1151
Delta R.T. 0.030 min
Lab File: VN078682.D
Acq: 28 Jul 2023 14:01

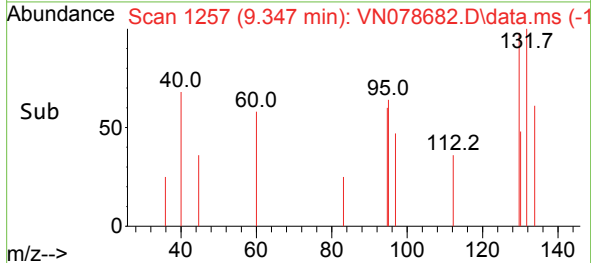
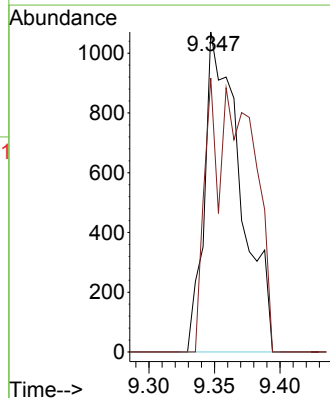
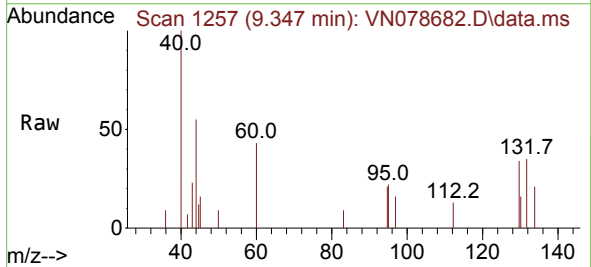
Instrument :
MSVOA_N
ClientSampleId :
MW-15-20230727

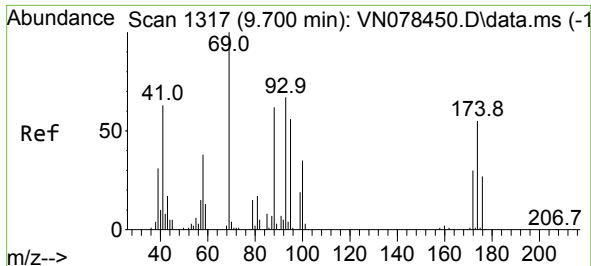
Tgt Ion: 43 Resp: 37766
Ion Ratio Lower Upper
43 100
61 0.9 24.7 37.1#
87 0.0 14.6 21.8#



#44
Trichloroethene
Concen: 0.210 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.012 min
Lab File: VN078682.D
Acq: 28 Jul 2023 14:01

Tgt Ion:130 Resp: 2032
Ion Ratio Lower Upper
130 100
95 85.6 0.0 204.6





#49

1,4-Dioxane

Concen: 1.849 ug/l

RT: 9.718 min Scan# 11

Delta R.T. 0.018 min

Lab File: VN078682.D

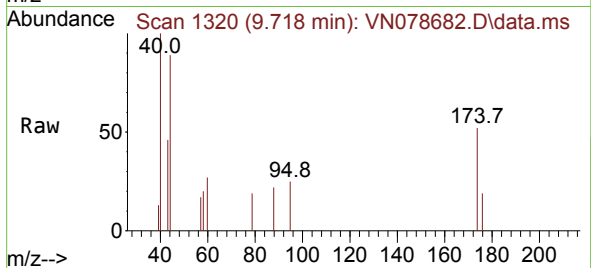
Acq: 28 Jul 2023 14:01

Instrument :

MSVOA_N

ClientSampleId :

MW-15-20230727



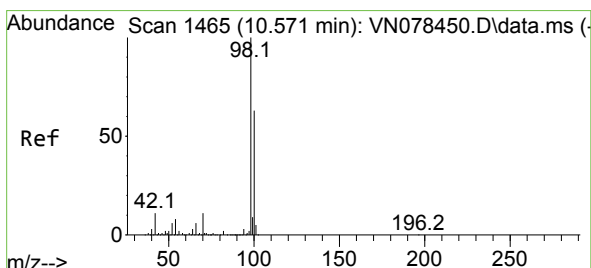
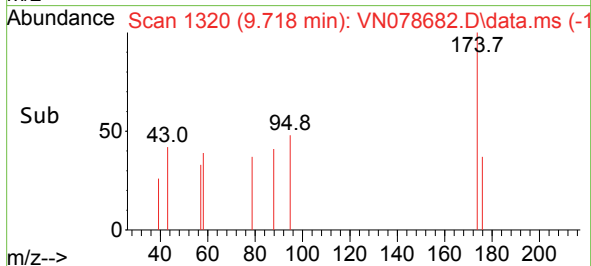
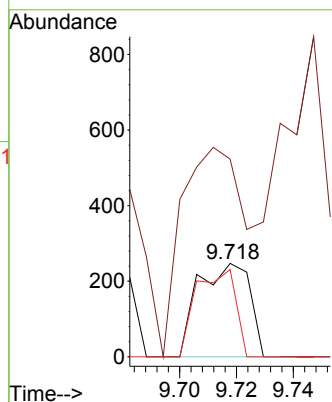
Tgt Ion: 88 Resp: 310

Ion Ratio Lower Upper

88 100

43 265.8 17.0 25.6#

58 71.6 47.0 70.4#



#50

Toluene-d8

Concen: 46.962 ug/l

RT: 10.576 min Scan# 1466

Delta R.T. 0.005 min

Lab File: VN078682.D

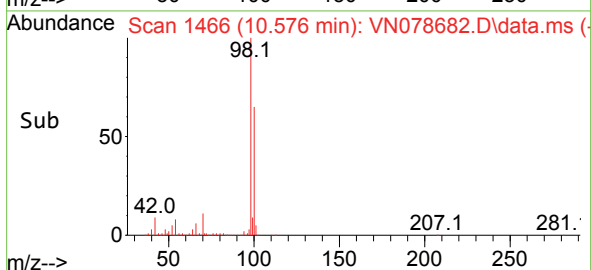
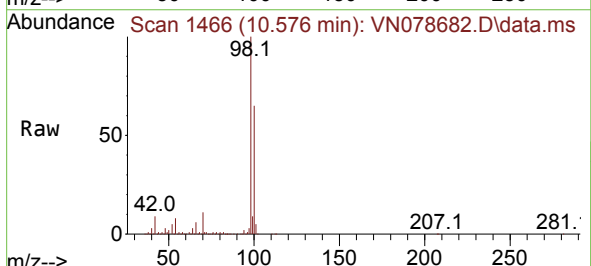
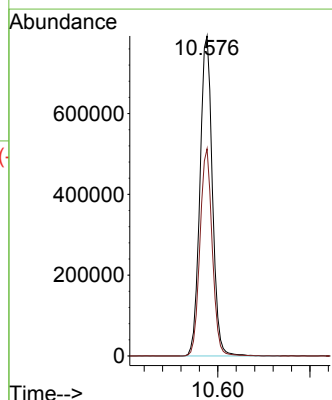
Acq: 28 Jul 2023 14:01

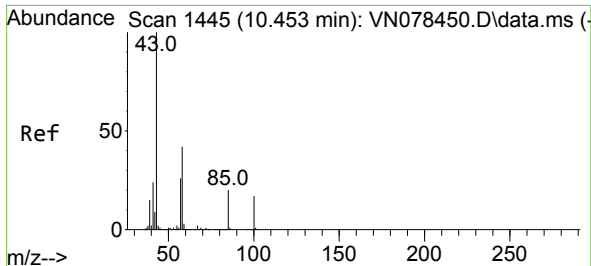
Tgt Ion: 98 Resp: 1485521

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0

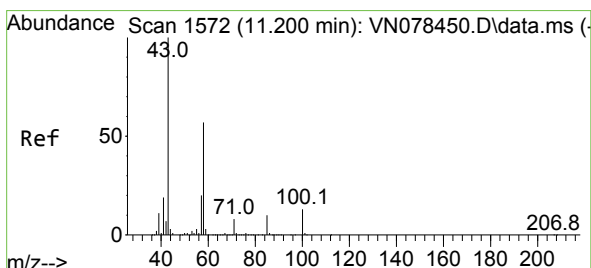
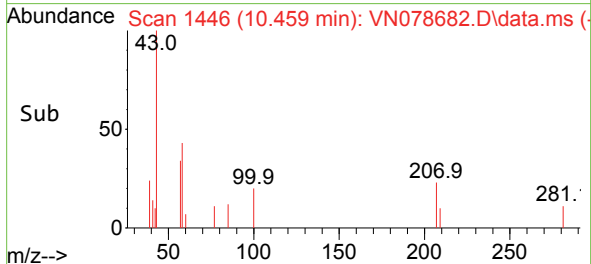
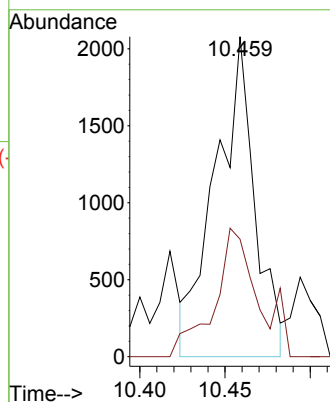
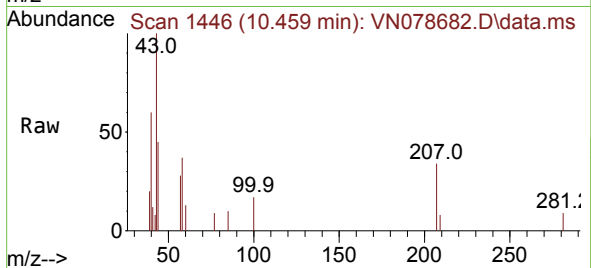




#51
4-Methyl-2-Pentanone
Concen: 0.338 ug/l
RT: 10.459 min Scan# 1446
Delta R.T. 0.006 min
Lab File: VN078682.D
Acq: 28 Jul 2023 14:01

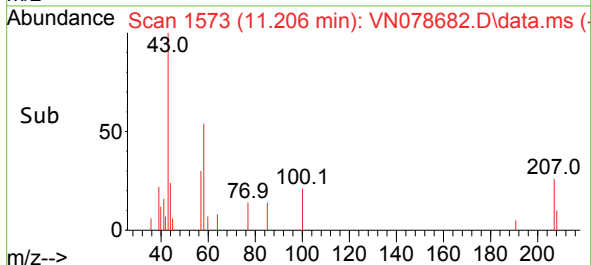
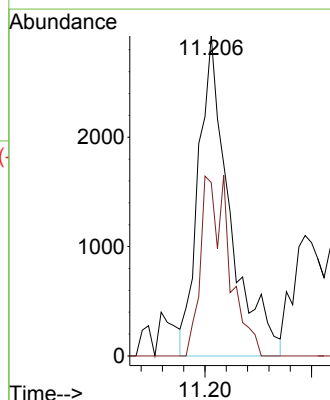
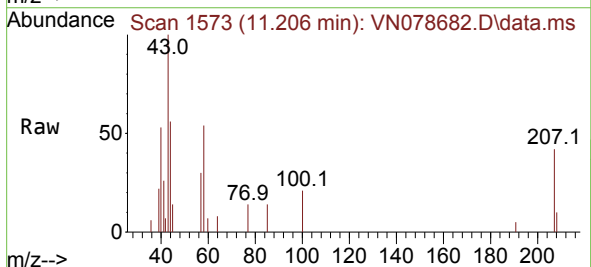
Instrument :
MSVOA_N
ClientSampleId :
MW-15-20230727

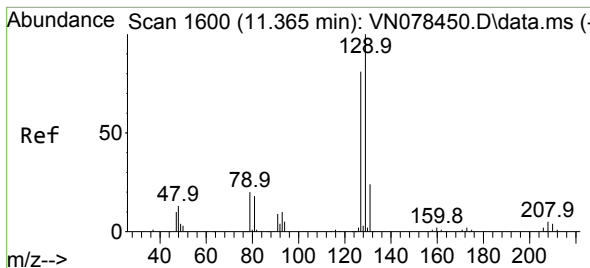
Tgt Ion: 43 Resp: 3334
Ion Ratio Lower Upper
43 100
58 44.5 36.6 54.8



#59
2-Hexanone
Concen: 0.848 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.006 min
Lab File: VN078682.D
Acq: 28 Jul 2023 14:01

Tgt Ion: 43 Resp: 5951
Ion Ratio Lower Upper
43 100
58 51.4 31.7 95.1

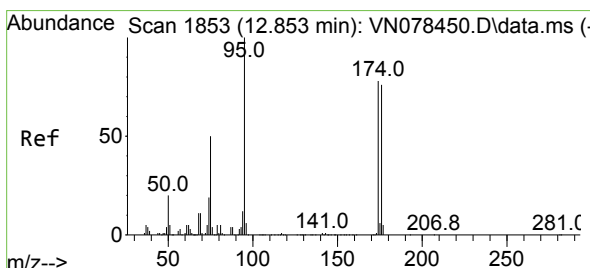
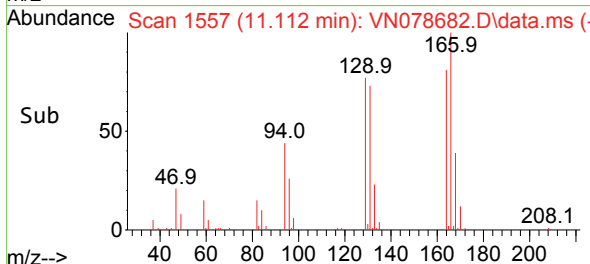
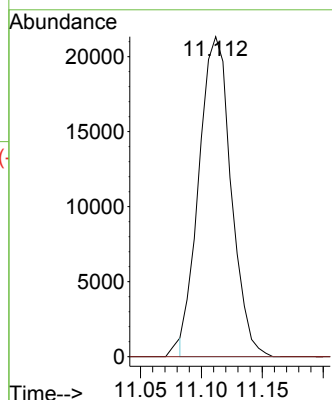
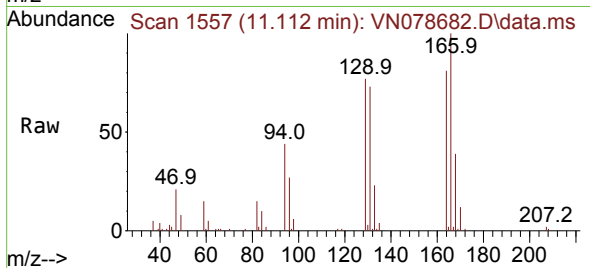




#60
Dibromochloromethane
Concen: 4.063 ug/l
RT: 11.112 min Scan# 11
Delta R.T. -0.253 min
Lab File: VN078682.D
Acq: 28 Jul 2023 14:01

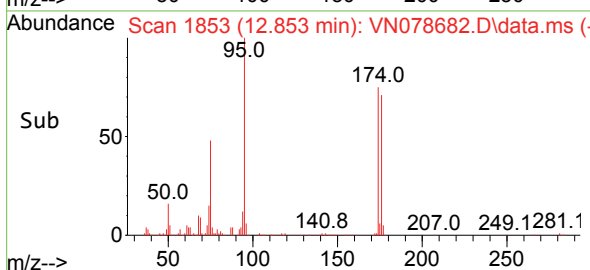
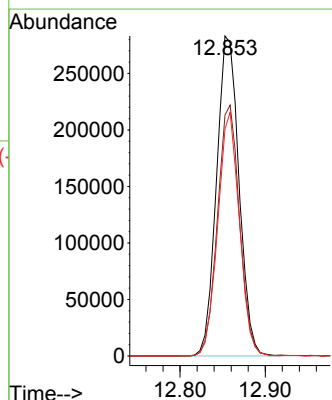
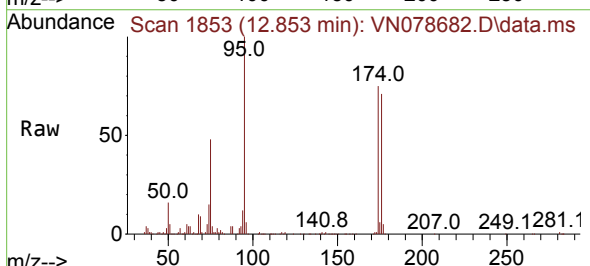
Instrument :
MSVOA_N
ClientSampleId :
MW-15-20230727

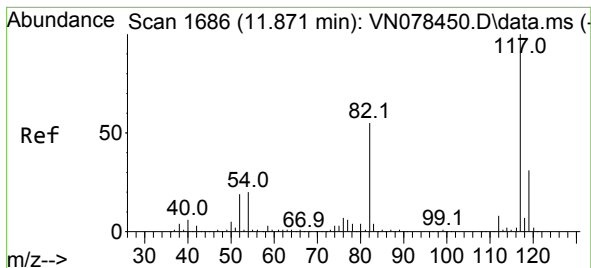
Tgt Ion:129 Resp: 39232
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#



#62
4-Bromofluorobenzene
Concen: 53.217 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078682.D
Acq: 28 Jul 2023 14:01

Tgt Ion: 95 Resp: 518516
Ion Ratio Lower Upper
95 100
174 77.2 0.0 143.8
176 72.9 0.0 135.8

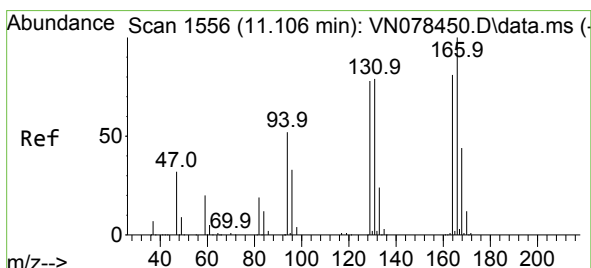
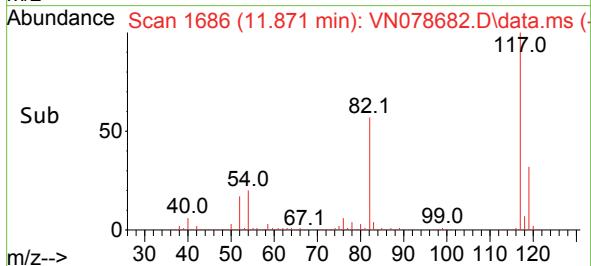
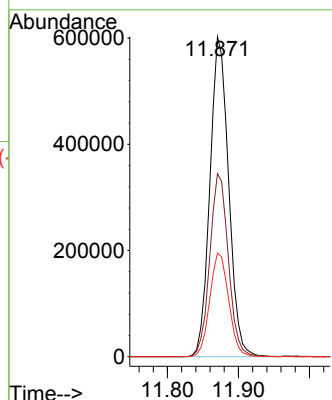
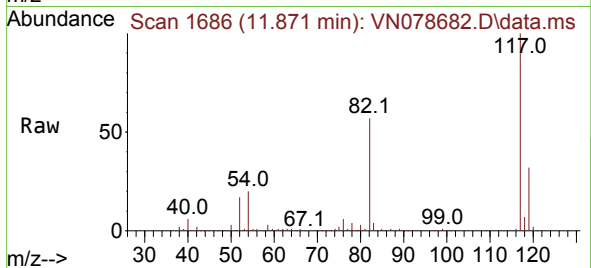




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1170
Delta R.T. -0.001 min
Lab File: VN078682.D
Acq: 28 Jul 2023 14:01

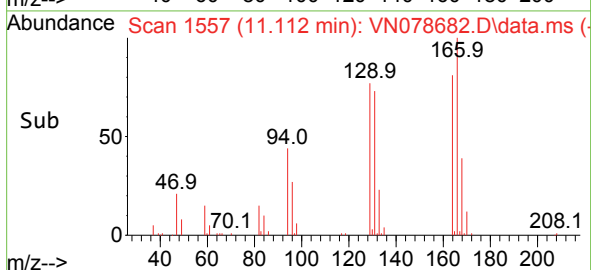
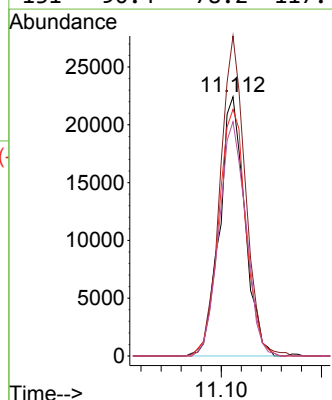
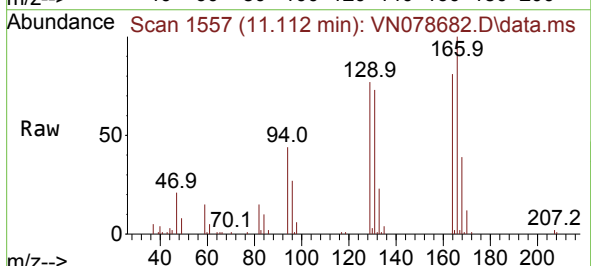
Instrument :
MSVOA_N
ClientSampleId :
MW-15-20230727

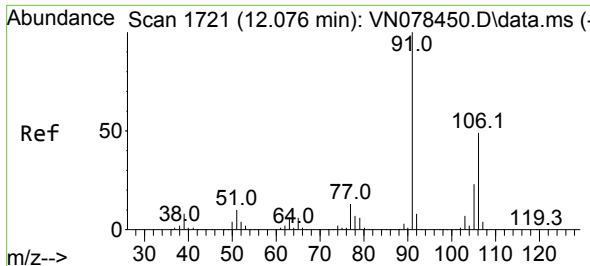
Tgt Ion:117 Resp: 1101353
Ion Ratio Lower Upper
117 100
82 57.2 44.0 66.0
119 32.4 25.6 38.4



#64
Tetrachloroethene
Concen: 4.724 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078682.D
Acq: 28 Jul 2023 14:01

Tgt Ion:164 Resp: 39115
Ion Ratio Lower Upper
164 100
166 123.5 101.4 152.0
129 95.1 82.4 123.6
131 90.4 78.2 117.4

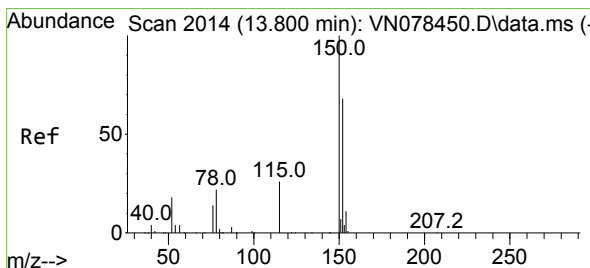
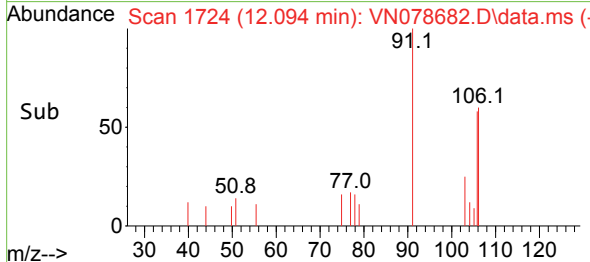
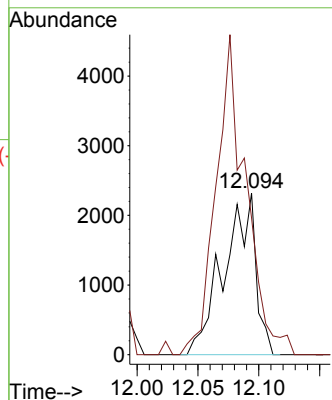
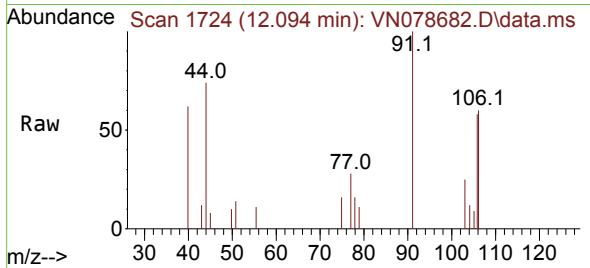




#68
m/p-Xylenes
Concen: 0.273 ug/l
RT: 12.094 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN078682.D
Acq: 28 Jul 2023 14:01

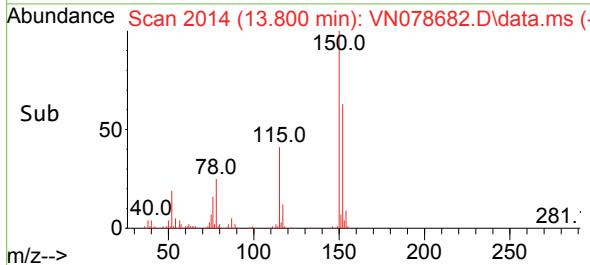
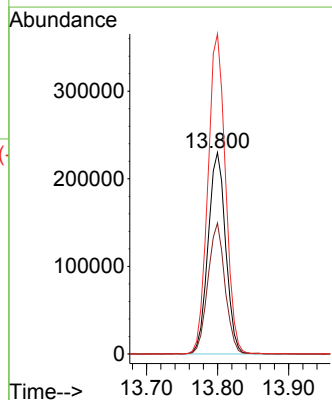
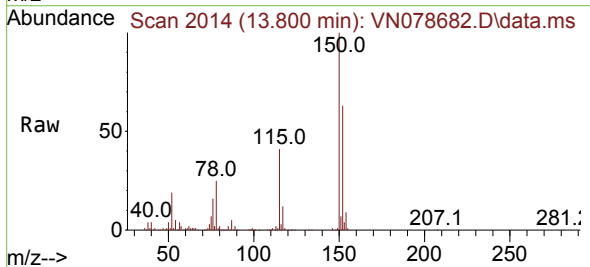
Instrument :
MSVOA_N
ClientSampleId :
MW-15-20230727

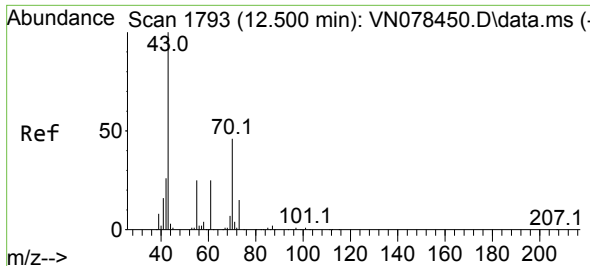
Tgt Ion:106 Resp: 4194
Ion Ratio Lower Upper
106 100
91 187.2 159.6 239.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078682.D
Acq: 28 Jul 2023 14:01

Tgt Ion:152 Resp: 394941
Ion Ratio Lower Upper
152 100
115 63.5 32.3 96.8
150 159.0 0.0 355.8

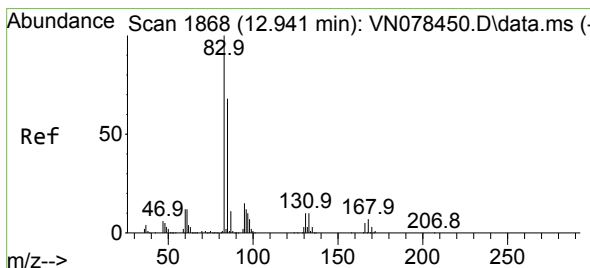
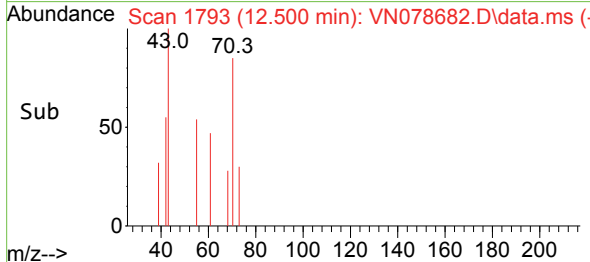
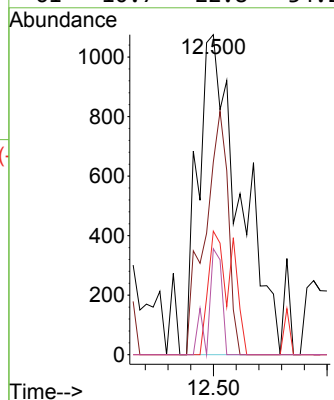
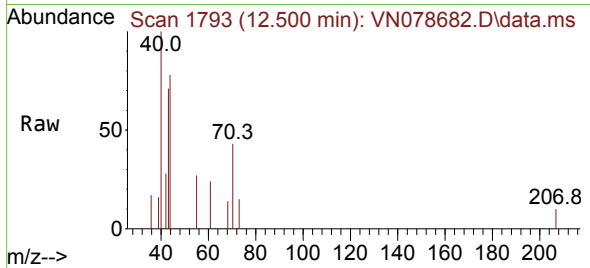




#74
N-amy1 acetate
Concen: 0.214 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078682.D
Acq: 28 Jul 2023 14:01

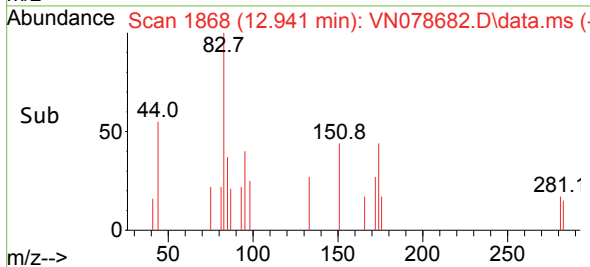
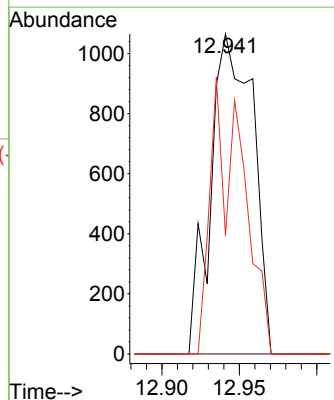
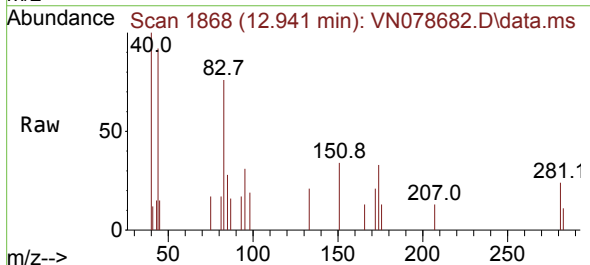
Instrument :
MSVOA_N
ClientSampleId :
MW-15-20230727

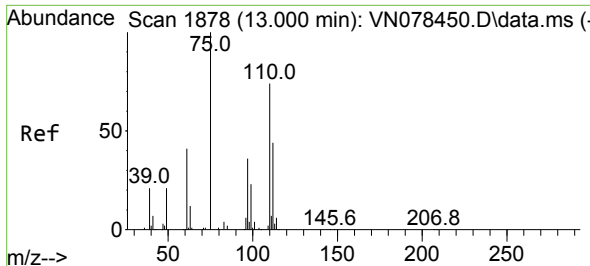
Tgt Ion:	43	Resp:	2740
Ion	Ratio	Lower	Upper
43	100		
70	42.5	43.4	65.2#
55	21.8	21.4	32.0
61	10.7	22.8	34.2#



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078682.D
Acq: 28 Jul 2023 14:01

Tgt Ion:	83	Resp:	2027
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.0	15.0#
85	29.7	31.9	95.7#

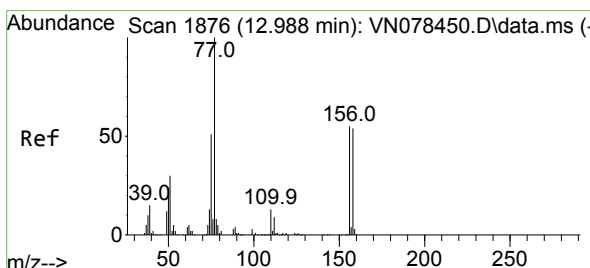
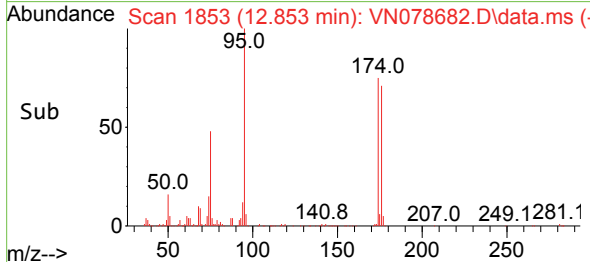
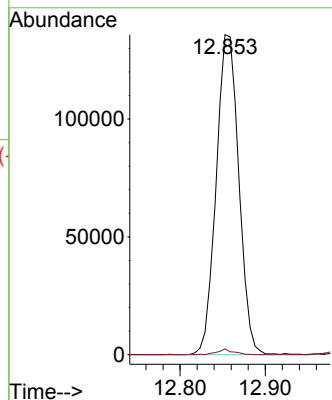
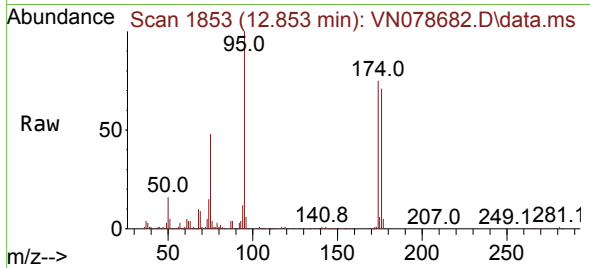




#76
1,2,3-Trichloropropane
Concen: 26.226 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN078682.D
Acq: 28 Jul 2023 14:01

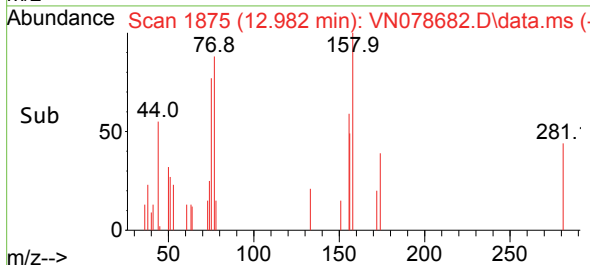
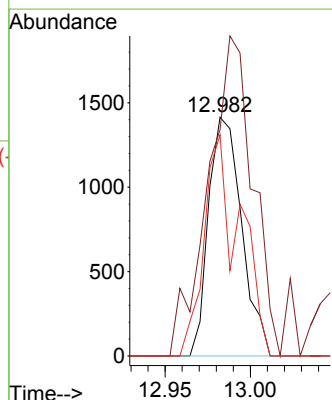
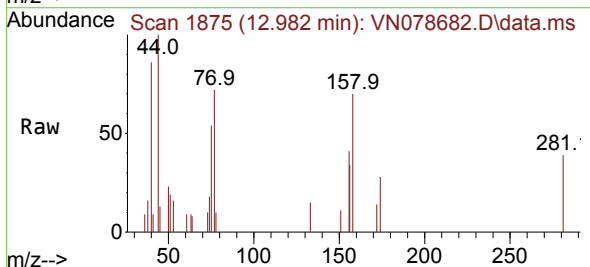
Instrument :
MSVOA_N
ClientSampleId :
MW-15-20230727

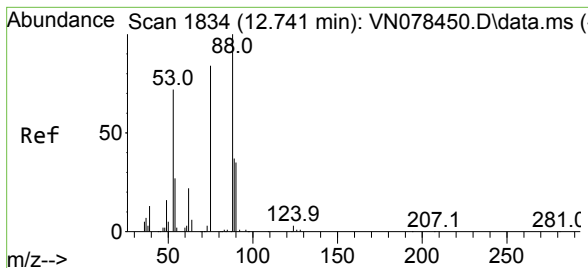
Tgt Ion: 75 Resp: 250358
Ion Ratio Lower Upper
75 100
77 1.3 84.5 253.5#



#77
Bromobenzene
Concen: Below Cal
RT: 12.982 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN078682.D
Acq: 28 Jul 2023 14:01

Tgt Ion:156 Resp: 1913
Ion Ratio Lower Upper
156 100
77 179.7 107.7 323.3
158 100.3 48.4 145.3

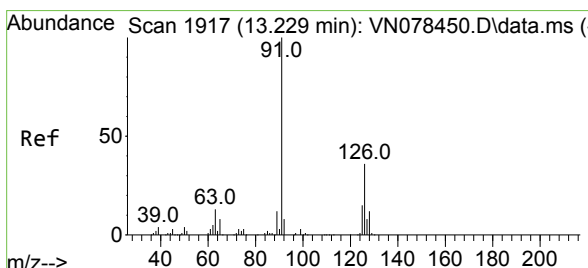
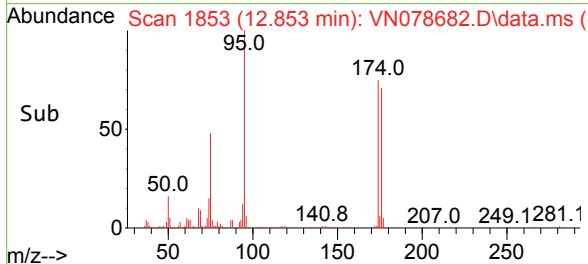
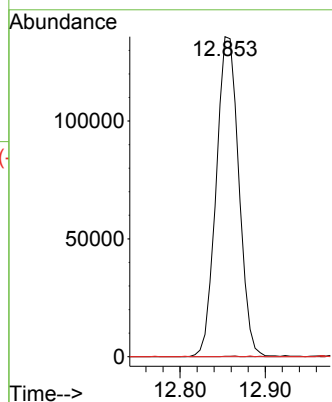
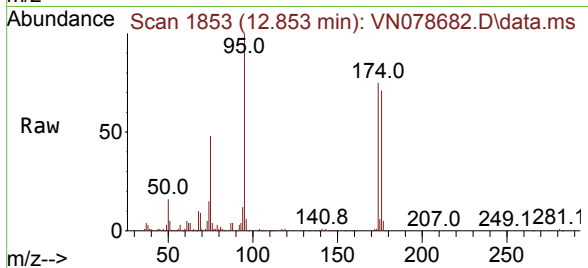




#81
trans-1,4-Dichloro-2-butene
Concen: 68.917 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN078682.D
Acq: 28 Jul 2023 14:01

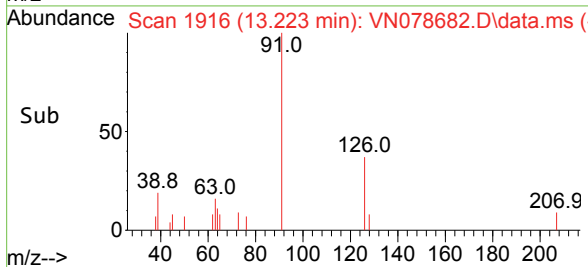
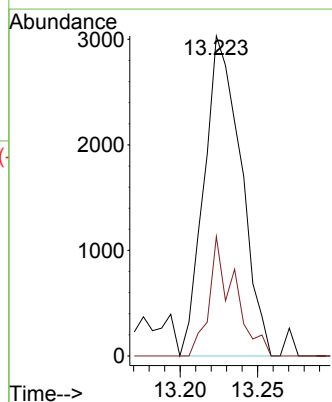
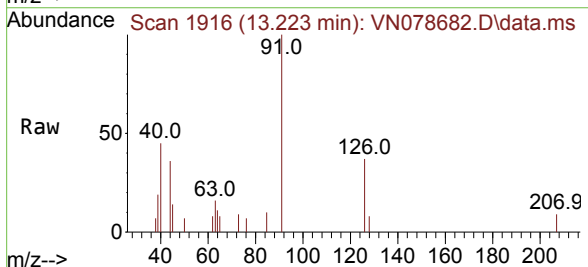
Instrument :
MSVOA_N
ClientSampleId :
MW-15-20230727

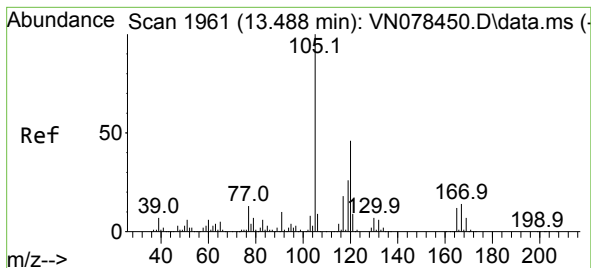
Tgt Ion: 75 Resp: 250358
Ion Ratio Lower Upper
75 100
53 0.1 67.4 101.2#
89 0.0 38.8 58.2#



#82
4-Chlorotoluene
Concen: 0.206 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078682.D
Acq: 28 Jul 2023 14:01

Tgt Ion: 91 Resp: 4995
Ion Ratio Lower Upper
91 100
126 26.0 16.7 50.0





#84

1,2,4-Trimethylbenzene

Concen: 0.242 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN078682.D

Acq: 28 Jul 2023 14:01

Instrument :

MSVOA_N

ClientSampleId :

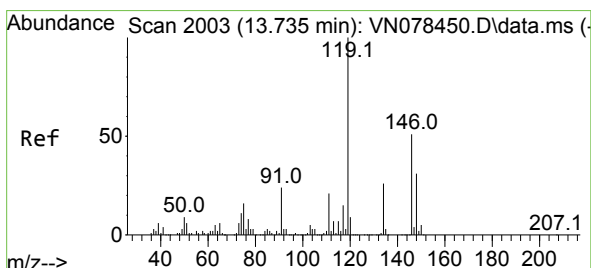
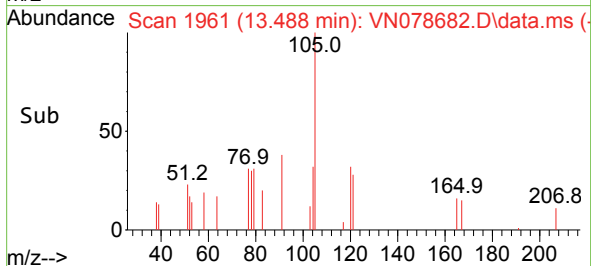
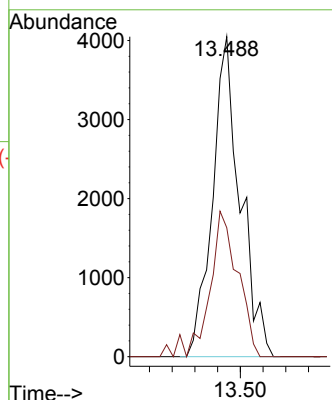
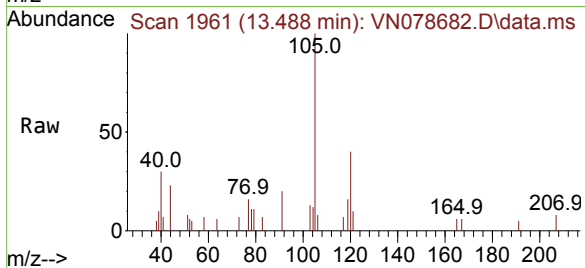
MW-15-20230727

Tgt Ion:105 Resp: 6880

Ion Ratio Lower Upper

105 100

120 46.6 22.0 66.0



#87

1,3-Dichlorobenzene

Concen: 0.239 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. 0.006 min

Lab File: VN078682.D

Acq: 28 Jul 2023 14:01

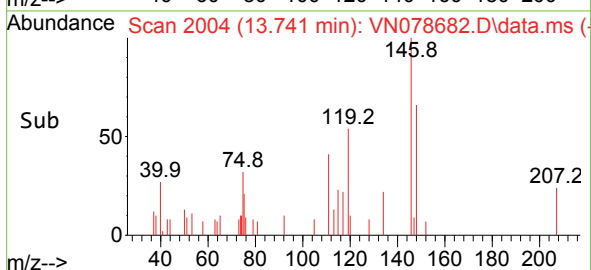
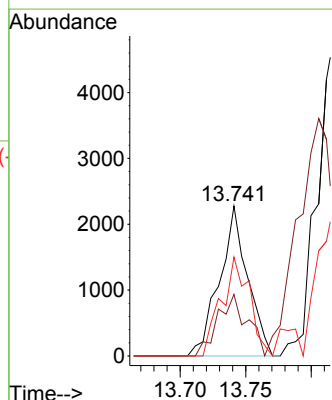
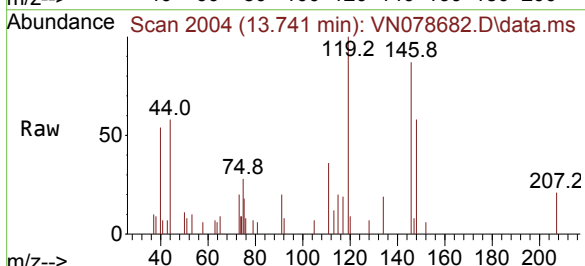
Tgt Ion:146 Resp: 3409

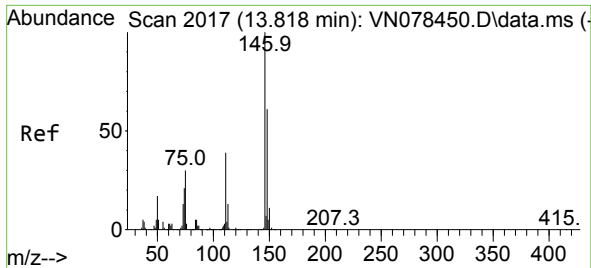
Ion Ratio Lower Upper

146 100

111 42.9 22.1 66.3

148 65.5 32.0 96.0

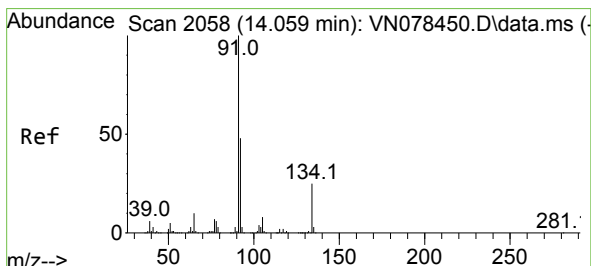
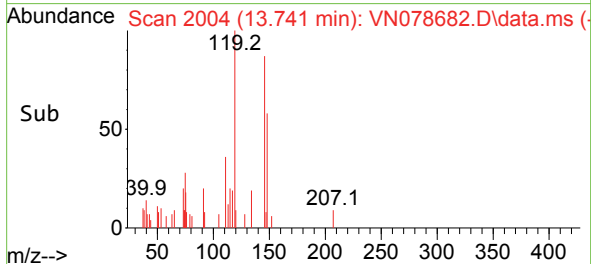
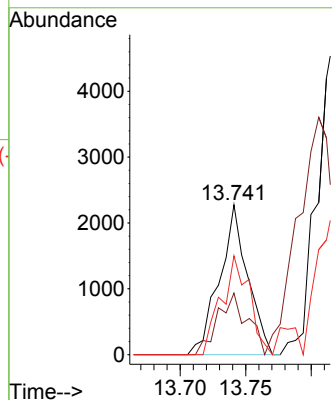
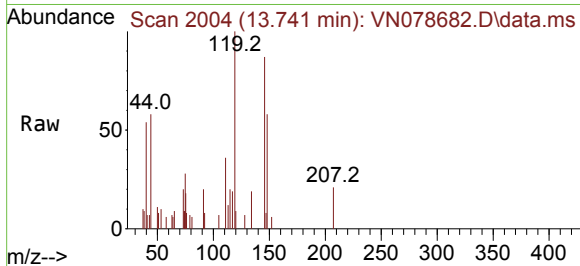




#88
 1,4-Dichlorobenzene
 Concen: 0.238 ug/l
 RT: 13.741 min Scan# 2004
 Delta R.T. -0.077 min
 Lab File: VN078682.D
 Acq: 28 Jul 2023 14:01

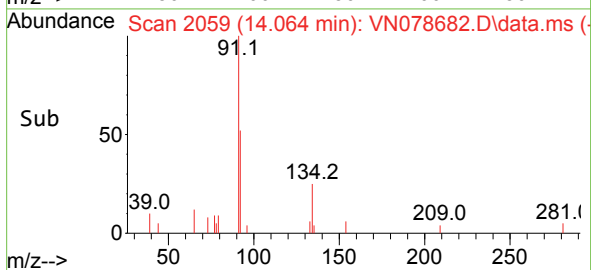
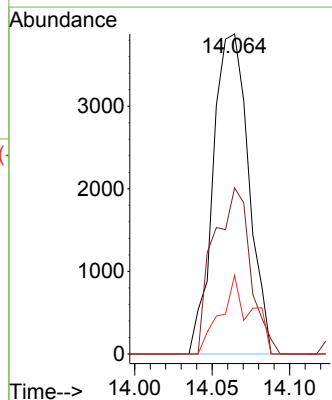
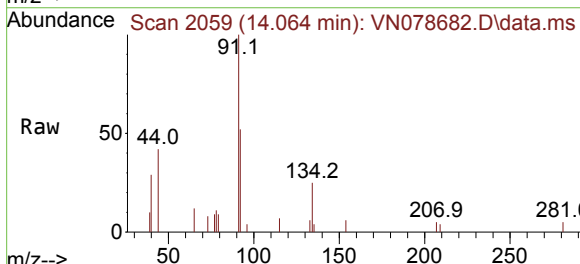
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-15-20230727

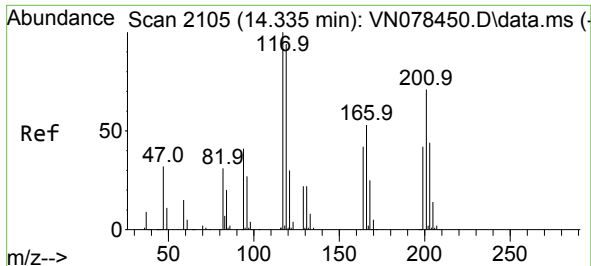
Tgt Ion:146 Resp: 3409
 Ion Ratio Lower Upper
 146 100
 111 42.9 20.6 61.8
 148 65.5 31.6 94.8



#89
 n-Butylbenzene
 Concen: 0.340 ug/l
 RT: 14.064 min Scan# 2059
 Delta R.T. 0.005 min
 Lab File: VN078682.D
 Acq: 28 Jul 2023 14:01

Tgt Ion: 91 Resp: 6155
 Ion Ratio Lower Upper
 91 100
 92 54.1 26.4 79.0
 134 21.1 12.6 37.6

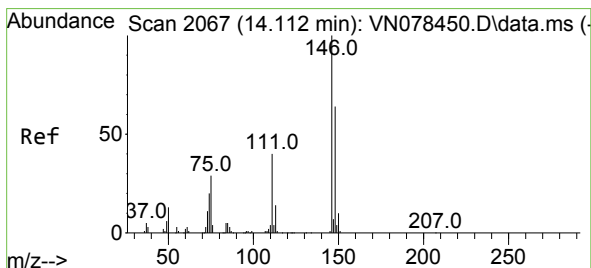
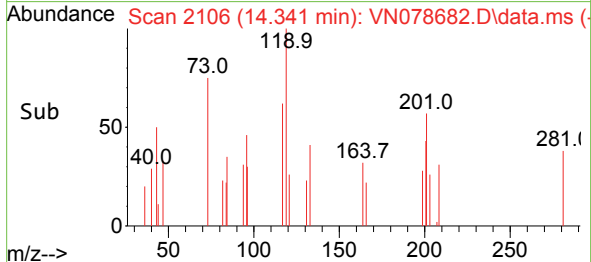
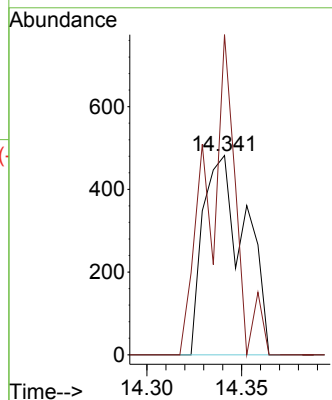
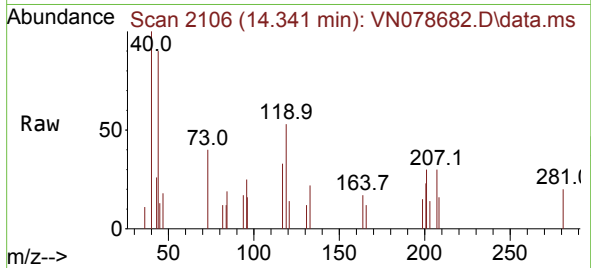




#90
Hexachloroethane
Concen: Below Cal
RT: 14.341 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN078682.D
Acq: 28 Jul 2023 14:01

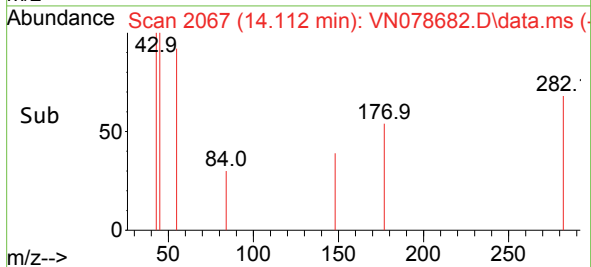
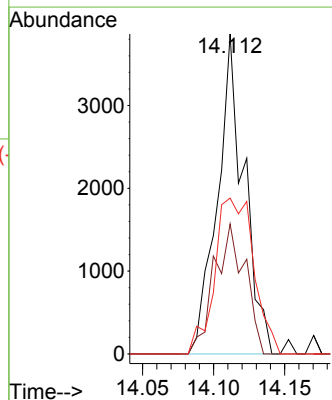
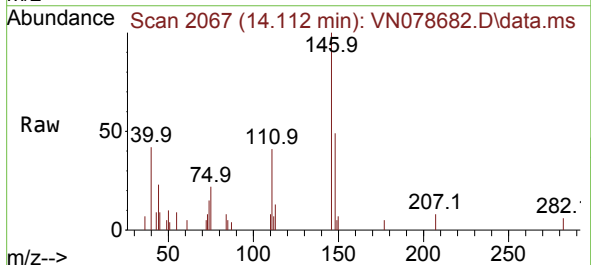
Instrument :
MSVOA_N
ClientSampleId :
MW-15-20230727

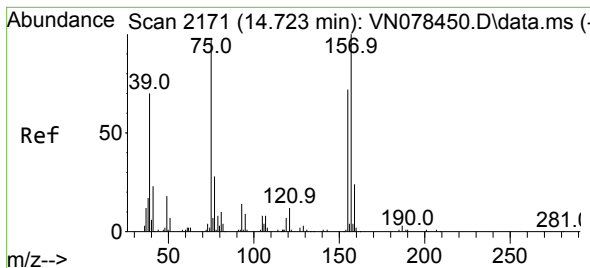
Tgt Ion:117 Resp: 746
Ion Ratio Lower Upper
117 100
201 107.0 29.3 88.0#



#91
1,2-Dichlorobenzene
Concen: 0.357 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078682.D
Acq: 28 Jul 2023 14:01

Tgt Ion:146 Resp: 5057
Ion Ratio Lower Upper
146 100
111 46.8 22.0 66.0
148 71.2 31.8 95.3

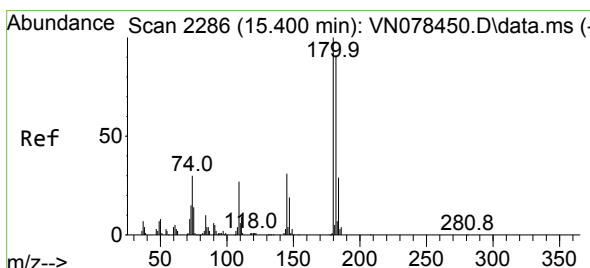
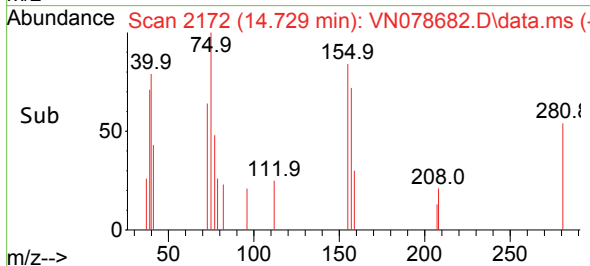
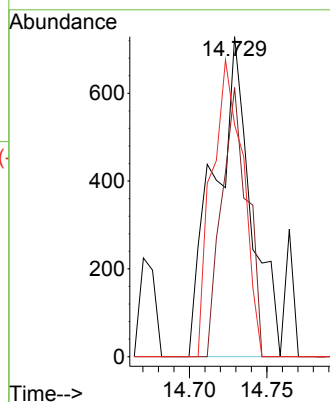
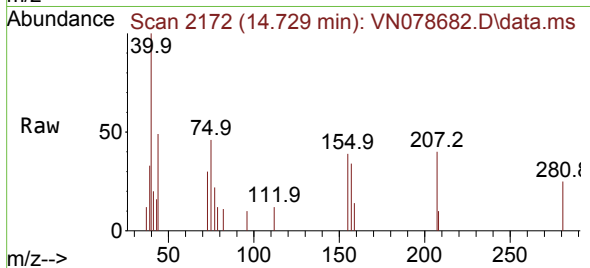




#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.729 min Scan# 2172
 Delta R.T. 0.006 min
 Lab File: VN078682.D
 Acq: 28 Jul 2023 14:01

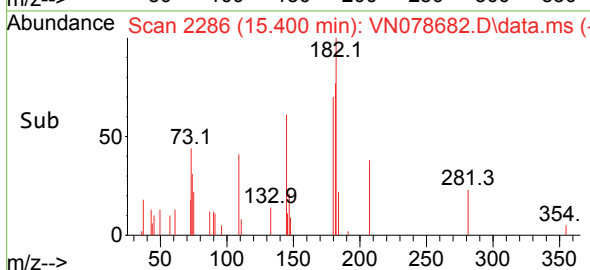
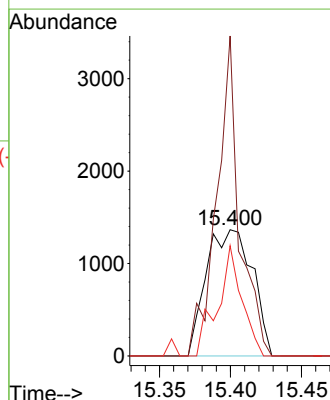
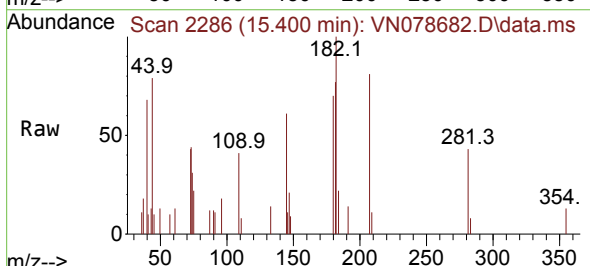
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-15-20230727

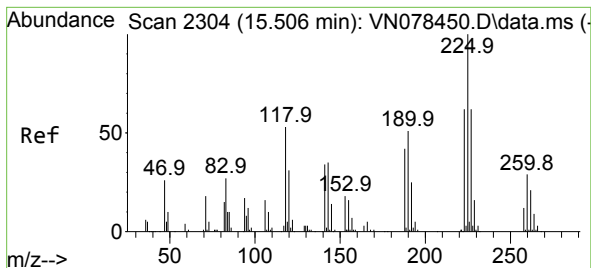
Tgt Ion: 75 Resp: 1196
 Ion Ratio Lower Upper
 75 100
 155 59.3 39.1 117.2
 157 78.5 50.3 150.9



#93
 1,2,4-Trichlorobenzene
 Concen: 0.682 ug/l
 RT: 15.400 min Scan# 2286
 Delta R.T. -0.000 min
 Lab File: VN078682.D
 Acq: 28 Jul 2023 14:01

Tgt Ion: 180 Resp: 3086
 Ion Ratio Lower Upper
 180 100
 182 125.3 46.1 138.2
 145 45.9 16.6 49.8





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.506 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078682.D

Acq: 28 Jul 2023 14:01

Instrument :

MSVOA_N

ClientSampleId :

MW-15-20230727

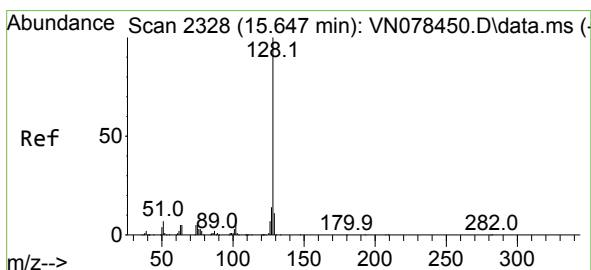
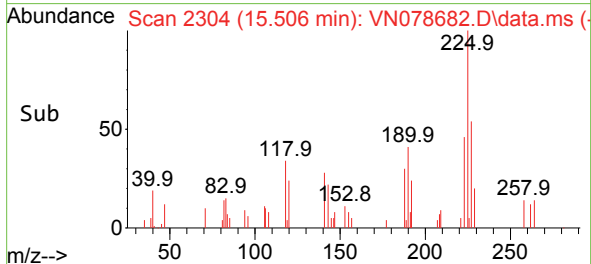
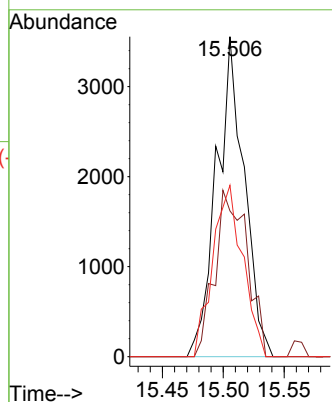
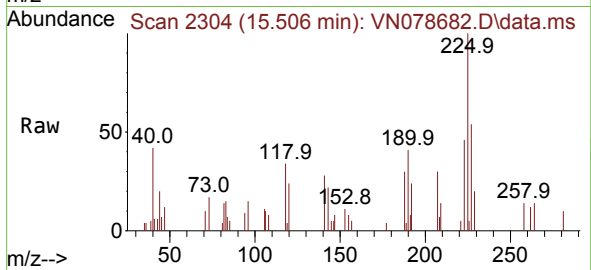
Tgt Ion:225 Resp: 5608

Ion Ratio Lower Upper

225 100

223 60.6 31.3 93.8

227 58.2 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: VN078682.D

Acq: 28 Jul 2023 14:01

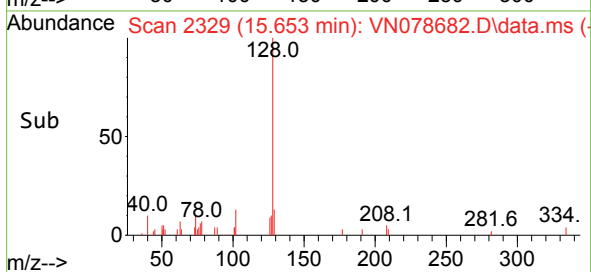
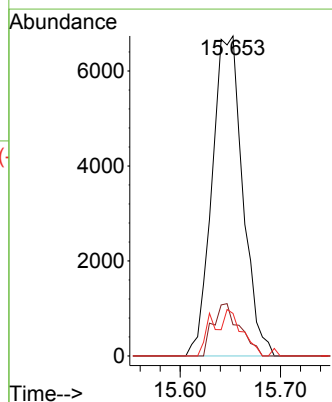
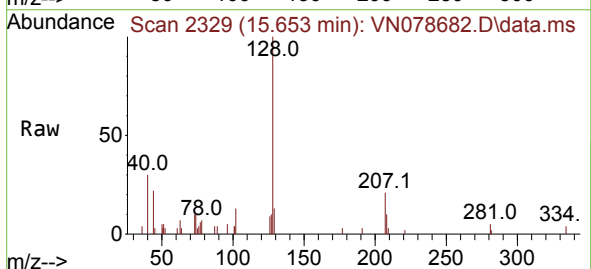
Tgt Ion:128 Resp: 14321

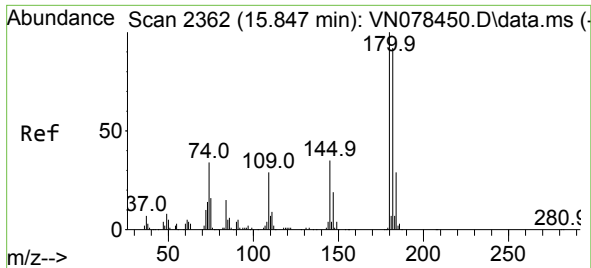
Ion Ratio Lower Upper

128 100

127 14.3 10.0 15.0

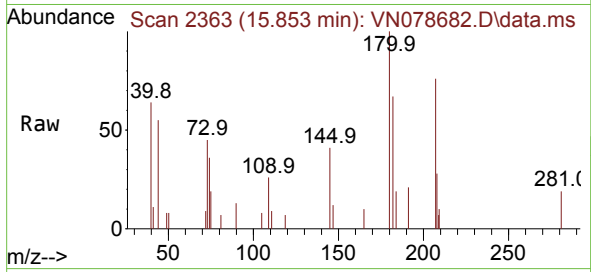
129 14.0 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.847 ug/l
 RT: 15.853 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN078682.D
 Acq: 28 Jul 2023 14:01

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-15-20230727



Tgt Ion:	180	Resp:	4408
Ion Ratio	Lower	Upper	
180	100		
182	92.7	46.2	138.6
145	41.7	17.5	52.6

