

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042523\
 Data File : VN077472.D
 Acq On : 25 Apr 2023 16:20
 Operator : JC\MD
 Sample : 02460-06 40X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Quant Time: Apr 26 04:20:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	529092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	989893	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	863004	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	307433	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	349679	50.649	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.300%	
35) Dibromofluoromethane	8.172	113	301282	50.638	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.280%	
50) Toluene-d8	10.571	98	1172705	51.428	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.860%	
62) 4-Bromofluorobenzene	12.854	95	362048	48.529	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.060%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.143	85	410	0.370	ug/l #	43
3) Chloromethane	2.378	50	1140	0.215	ug/l #	68
5) Bromomethane	2.978	94	4127	0.674	ug/l	87
10) Methyl Iodide	4.613	142	3268	0.440	ug/l #	70
11) Tert butyl alcohol	5.531	59	608	0.549	ug/l #	72
13) Acrolein	4.172	56	375	0.340	ug/l #	1
15) Acrylonitrile	5.736	53	961	0.382	ug/l #	60
16) Acetone	4.425	43	20901	9.516	ug/l #	46
18) Methyl Acetate	5.048	43	2969	0.350	ug/l #	67
20) Methylene Chloride	5.272	84	2532	0.364	ug/l #	73
25) 2-Butanone	7.507	43	2869	0.921	ug/l #	58
30) Chloroform	7.948	83	2709	0.225	ug/l #	15
31) Cyclohexane	8.248	56	34693	3.547	ug/l #	72
36) 1,1-Dichloropropene	8.230	75	47411	5.516	ug/l #	47
38) Carbon Tetrachloride	8.230	117	59138	6.236	ug/l #	16
39) Methylcyclohexane	9.607	83	41737	3.685	ug/l	97
43) Isopropyl Acetate	8.701	43	7253	0.642	ug/l #	49
48) Methyl methacrylate	9.736	41	1362	0.265	ug/l #	17
49) 1,4-Dioxane	9.742	88	65	0.504	ug/l #	1
51) 4-Methyl-2-Pentanone	10.448	43	2513	0.379	ug/l #	64
55) 1,1,2-Trichloroethane	11.013	97	5217	0.756	ug/l #	29
59) 2-Hexanone	11.207	43	4126	0.856	ug/l	87
67) Ethyl Benzene	11.966	91	18120	0.564	ug/l	98
68) m/p-Xylenes	12.077	106	4142	0.332	ug/l	92
73) Isopropylbenzene	12.701	105	28260	0.991	ug/l	99
74) N-amyl acetate	12.495	43	3440	0.407	ug/l #	72
76) 1,2,3-Trichloropropane	12.854	75	199712	27.936	ug/l #	1
77) Bromobenzene	12.989	156	1288	0.207	ug/l	73
78) n-propylbenzene	13.042	91	86964	2.757	ug/l	97
79) 2-Chlorotoluene	13.136	91	4337	0.223	ug/l	75
81) trans-1,4-Dichloro-2-b...	12.854	75	199712	78.923	ug/l #	15
82) 4-Chlorotoluene	13.224	91	5761	0.317	ug/l	88
84) 1,2,4-Trimethylbenzene	13.489	105	5157	0.261	ug/l	97
85) sec-Butylbenzene	13.618	105	13976	0.495	ug/l #	50
86) p-Isopropyltoluene	13.730	119	5260	0.242	ug/l	95
87) 1,3-Dichlorobenzene	13.748	146	3969	0.359	ug/l	95

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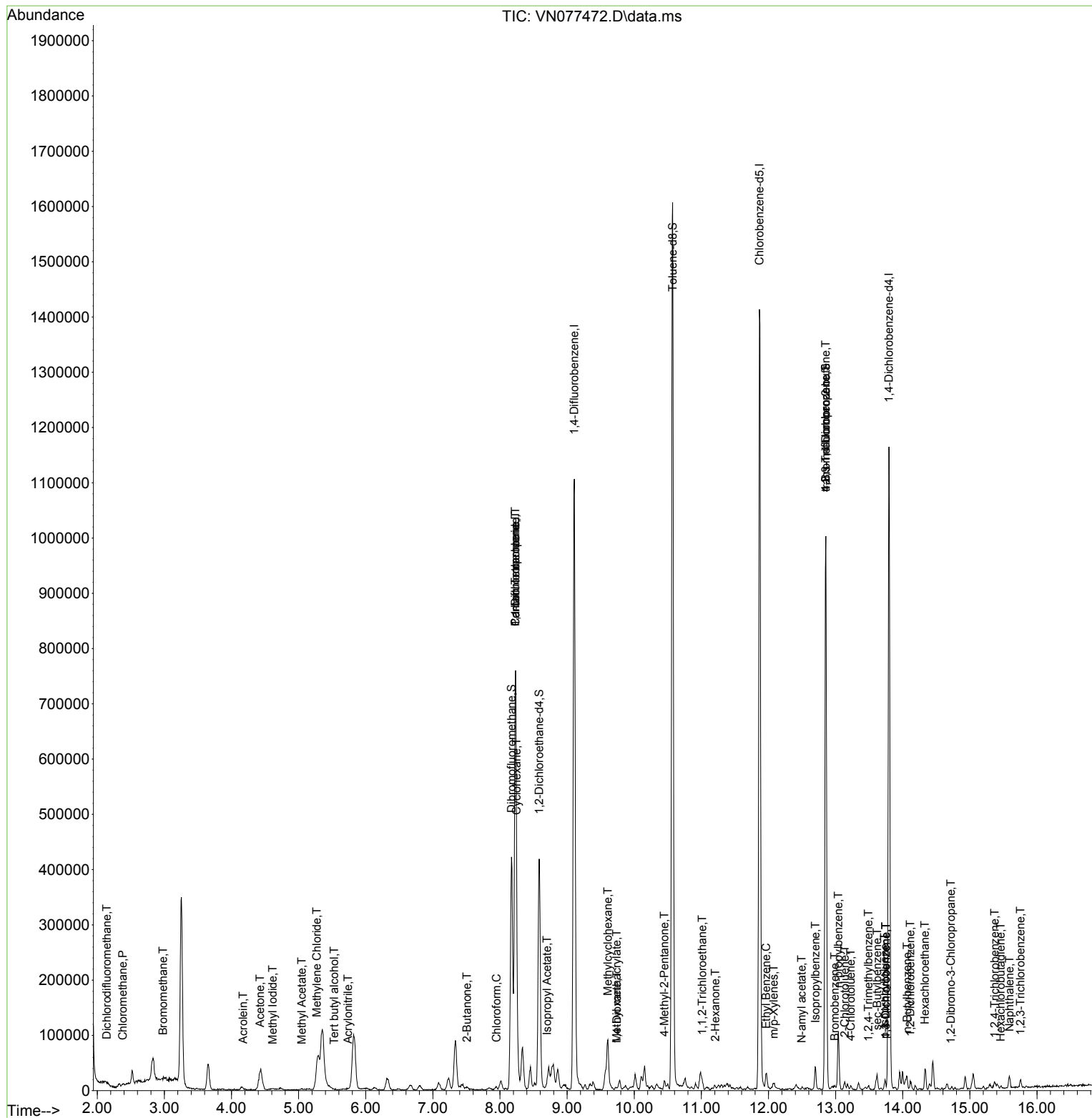
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

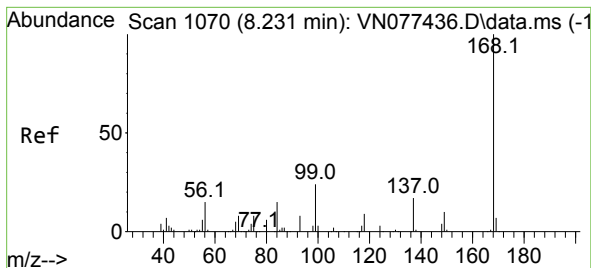
88) 1,4-Dichlorobenzene	13.748	146	3969	0.364	ug/l	98
89) n-Butylbenzene	14.065	91	14022	0.834	ug/l	98
90) Hexachloroethane	14.330	117	2635	0.549	ug/l #	21
91) 1,2-Dichlorobenzene	14.112	146	3512	0.320	ug/l	89
92) 1,2-Dibromo-3-Chloropr...	14.718	75	574	0.346	ug/l	83
93) 1,2,4-Trichlorobenzene	15.371	180	3757	2.454	ug/l	98
94) Hexachlorobutadiene	15.459	225	617	0.278	ug/l	91
95) Naphthalene	15.589	128	18262	3.301	ug/l	97
96) 1,2,3-Trichlorobenzene	15.753	180	3875	2.341	ug/l	94

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN077472.D

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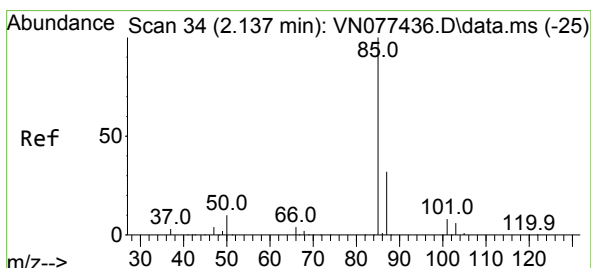
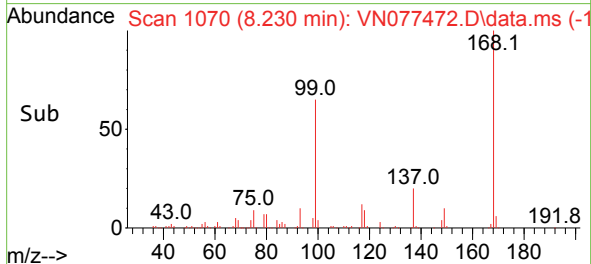
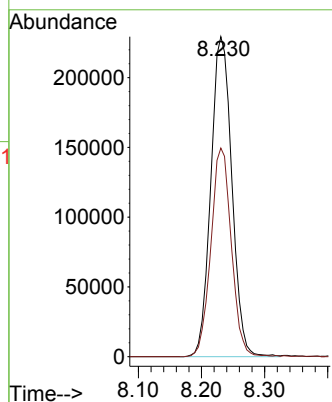
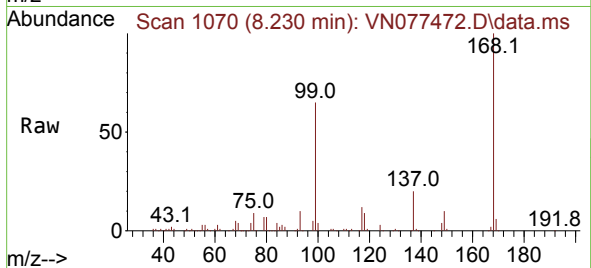
MW-1

Tgt Ion:168 Resp: 529092

Ion Ratio Lower Upper

168 100

99 65.2 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 0.370 ug/l

RT: 2.143 min Scan# 35

Delta R.T. 0.006 min

Lab File: VN077472.D

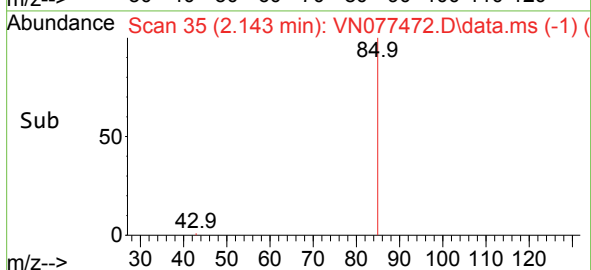
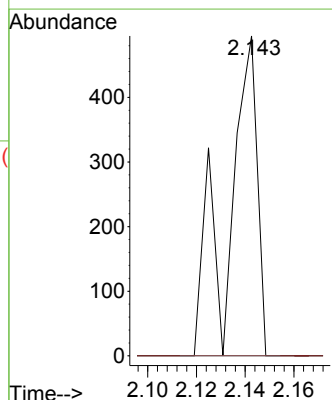
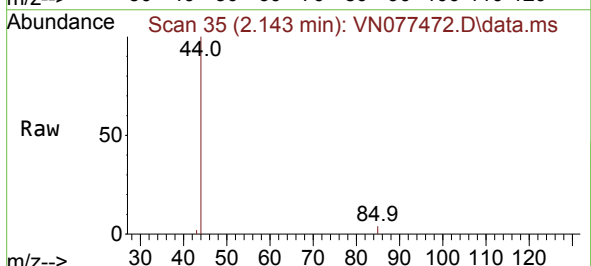
Acq: 25 Apr 2023 16:20

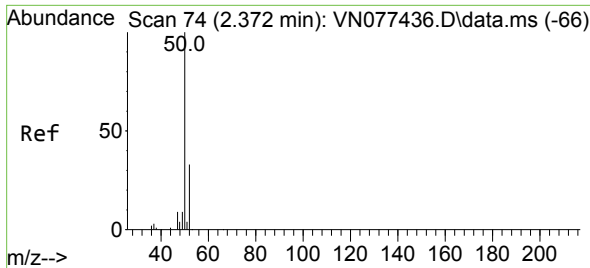
Tgt Ion: 85 Resp: 410

Ion Ratio Lower Upper

85 100

87 0.0 15.8 47.4#

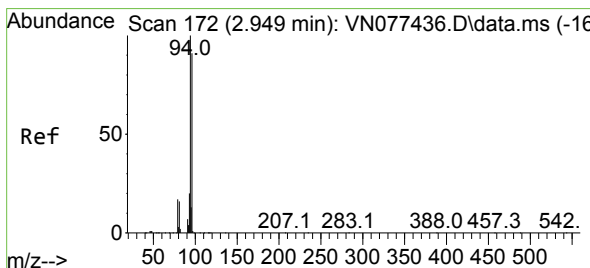
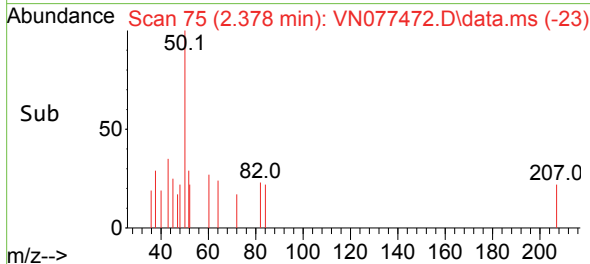
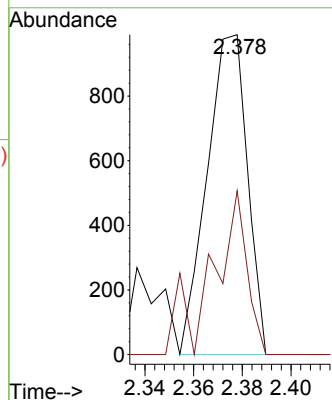
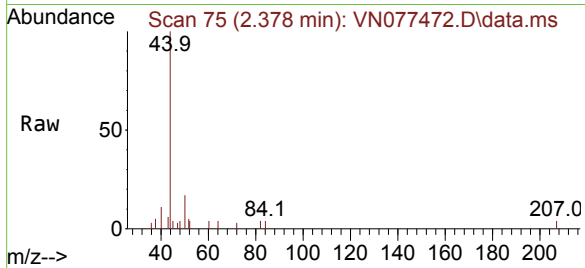




#3
Chloromethane
Concen: 0.215 ug/l
RT: 2.378 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077472.D
Acq: 25 Apr 2023 16:20

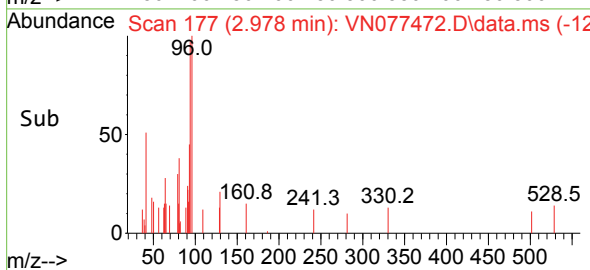
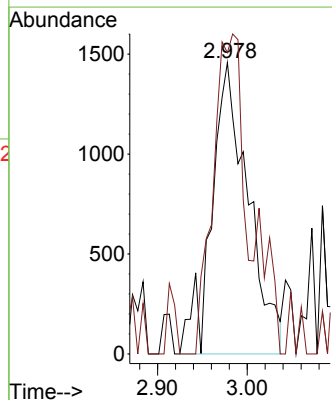
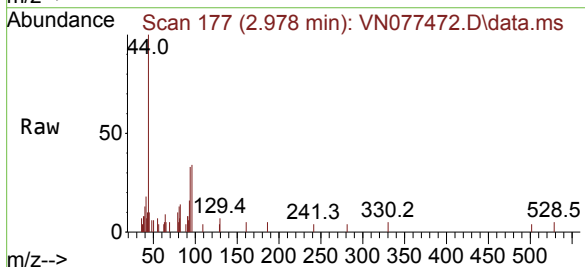
Instrument :
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MW-1

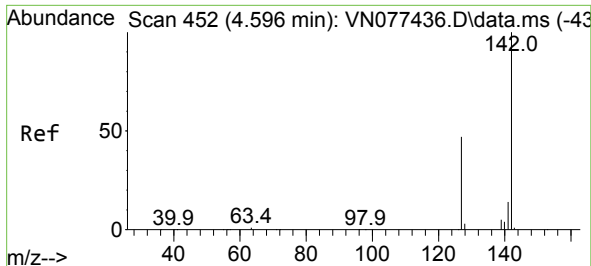
Tgt Ion: 50 Resp: 1140
Ion Ratio Lower Upper
50 100
52 51.2 26.5 39.7#



#5
Bromomethane
Concen: 0.674 ug/l
RT: 2.978 min Scan# 177
Delta R.T. 0.029 min
Lab File: VN077472.D
Acq: 25 Apr 2023 16:20

Tgt Ion: 94 Resp: 4127
Ion Ratio Lower Upper
94 100
96 103.4 73.1 109.7

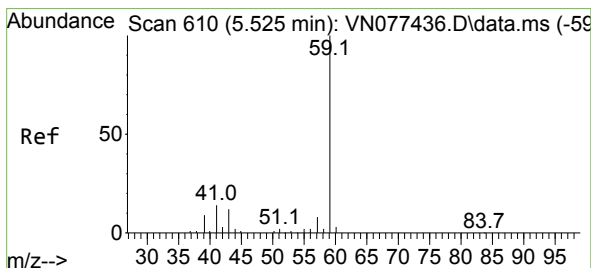
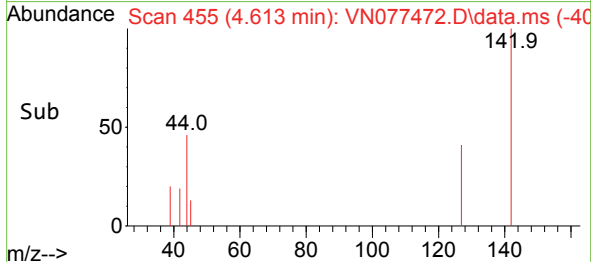
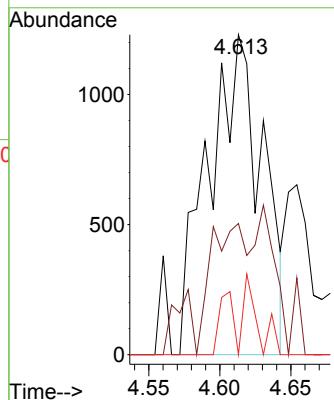
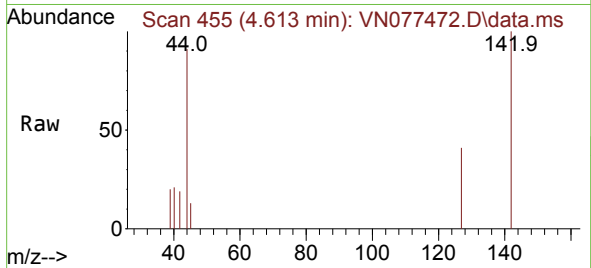




#10
Methyl Iodide
Concen: 0.440 ug/l
RT: 4.613 min Scan# 411
Delta R.T. 0.017 min
Lab File: VN077472.D
Acq: 25 Apr 2023 16:20

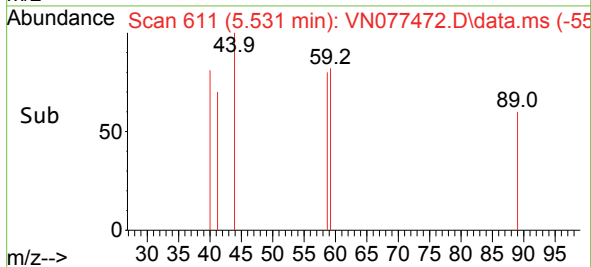
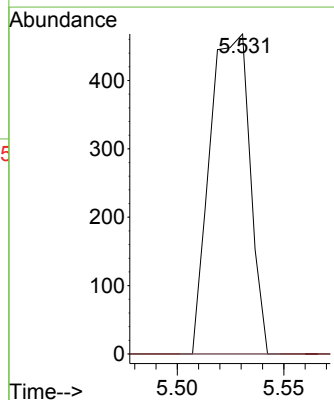
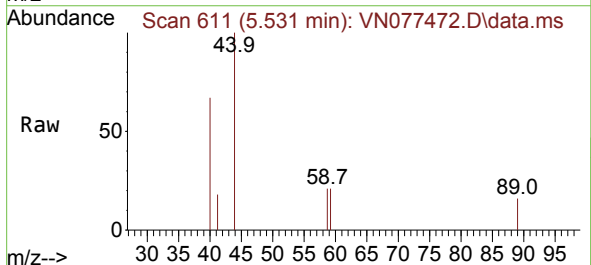
Instrument :
MSVOA_N
ClientSampleId :
MW-1

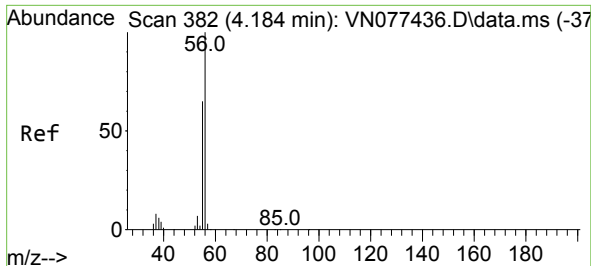
Tgt Ion:142 Resp: 3268
Ion Ratio Lower Upper
142 100
127 28.0 37.6 56.4#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.549 ug/l
RT: 5.531 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN077472.D
Acq: 25 Apr 2023 16:20

Tgt Ion: 59 Resp: 608
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#13

Acrolein

Concen: 0.340 ug/l

RT: 4.172 min Scan# 380

Delta R.T. -0.012 min

Lab File: VN077472.D

Acq: 25 Apr 2023 16:20

Instrument :

MSVOA_N

ClientSampleId :

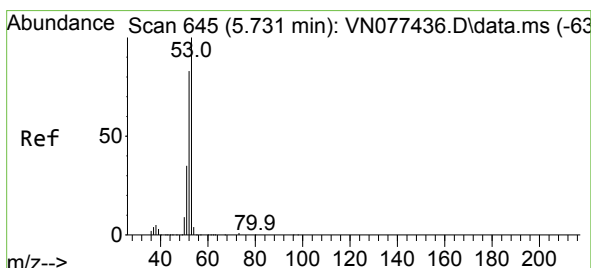
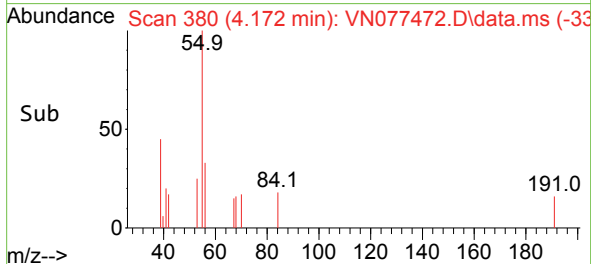
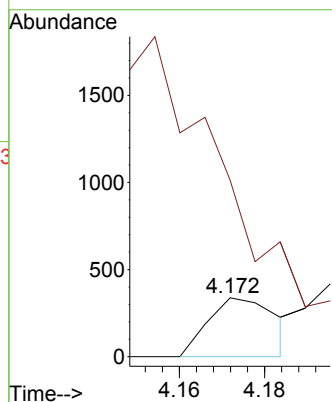
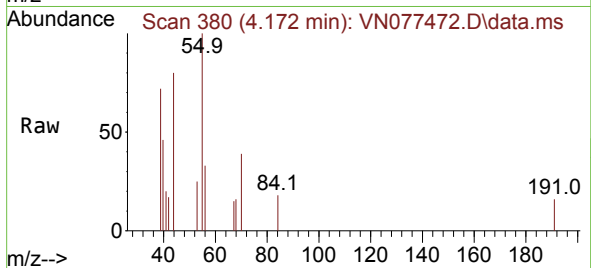
MW-1

Tgt Ion: 56 Resp: 375

Ion Ratio Lower Upper

56 100

55 1249.1 54.5 81.7#



#15

Acrylonitrile

Concen: 0.382 ug/l

RT: 5.736 min Scan# 646

Delta R.T. 0.006 min

Lab File: VN077472.D

Acq: 25 Apr 2023 16:20

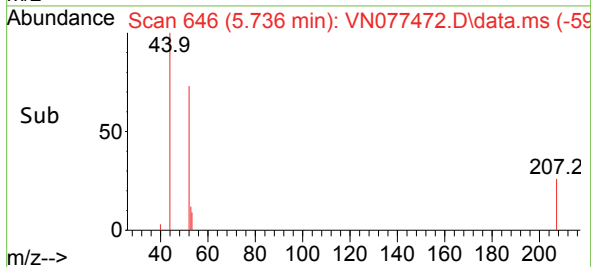
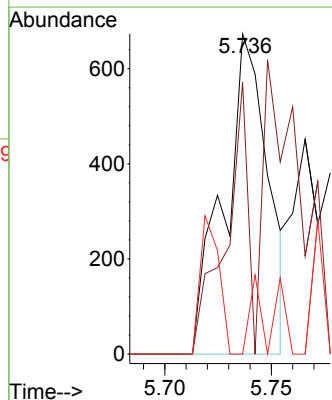
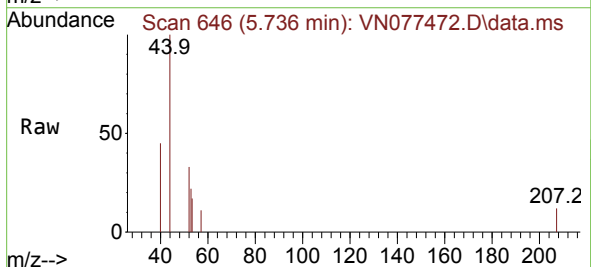
Tgt Ion: 53 Resp: 961

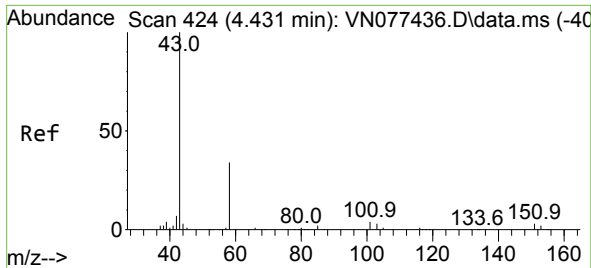
Ion Ratio Lower Upper

53 100

52 42.2 65.3 97.9#

51 18.7 28.9 43.3#

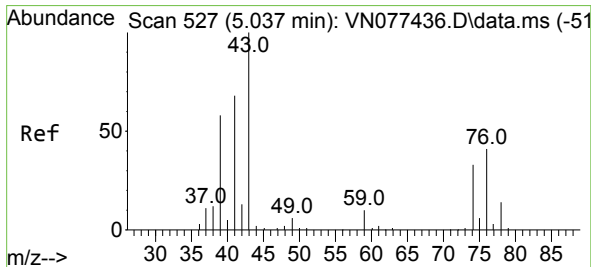
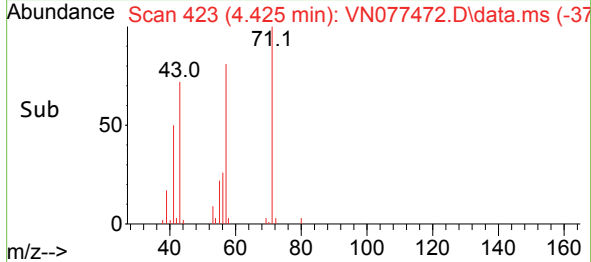
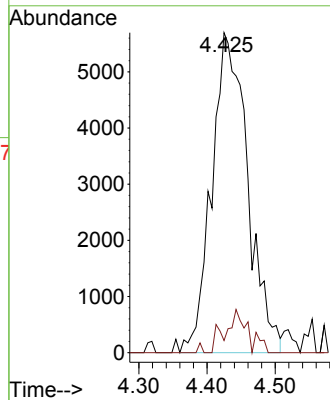
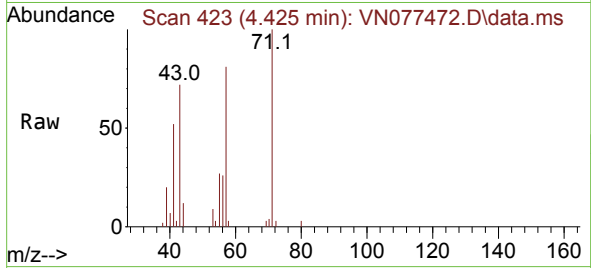




#16
Acetone
Concen: 9.516 ug/l
RT: 4.425 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN077472.D
Acq: 25 Apr 2023 16:20

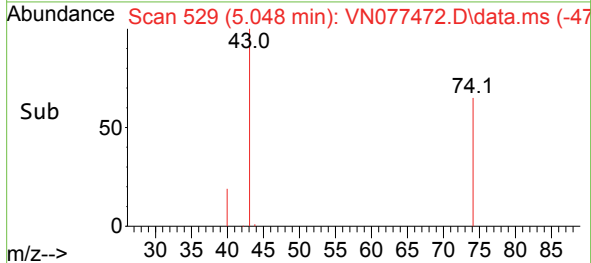
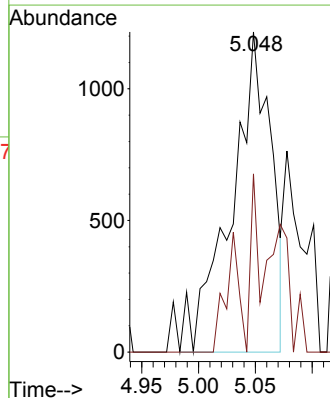
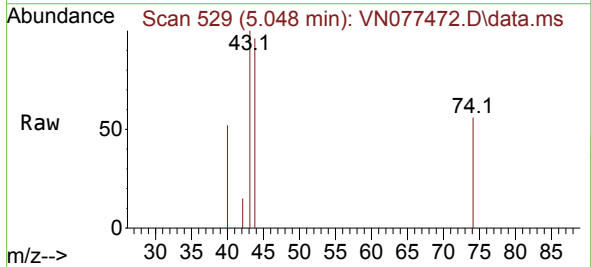
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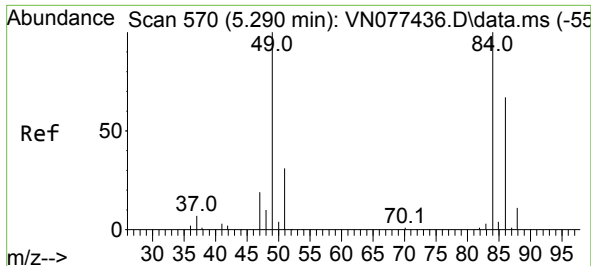
Tgt Ion: 43 Resp: 20901
Ion Ratio Lower Upper
43 100
58 3.8 28.0 42.0#



#18
Methyl Acetate
Concen: 0.350 ug/l
RT: 5.048 min Scan# 529
Delta R.T. 0.012 min
Lab File: VN077472.D
Acq: 25 Apr 2023 16:20

Tgt Ion: 43 Resp: 2969
Ion Ratio Lower Upper
43 100
74 14.4 26.2 39.4#

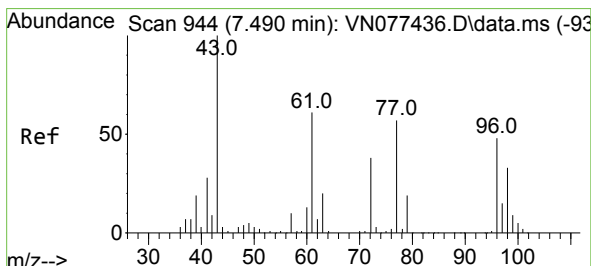
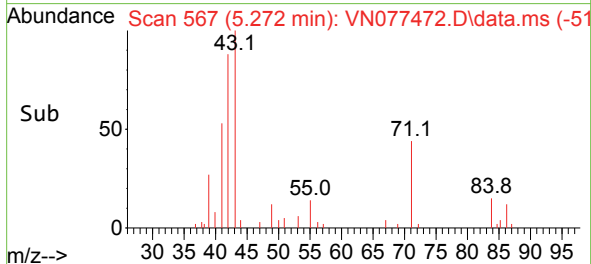
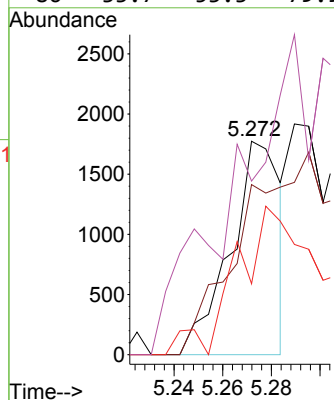
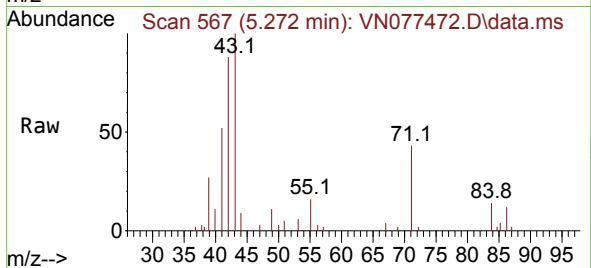




#20
Methylene Chloride
Concen: 0.364 ug/l
RT: 5.272 min Scan# 51
Delta R.T. -0.018 min
Lab File: VN077472.D
Acq: 25 Apr 2023 16:20

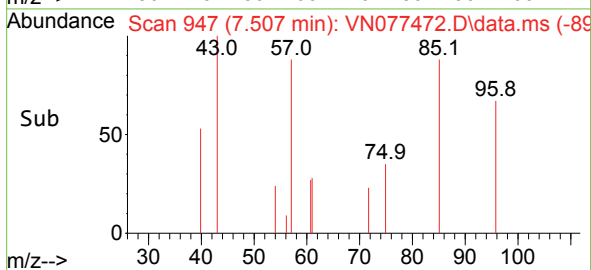
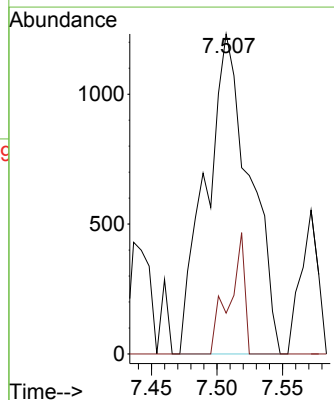
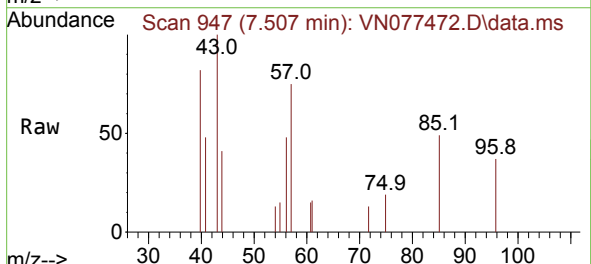
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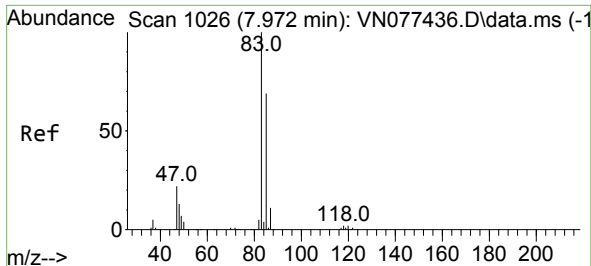
Tgt Ion: 84	Resp: 2532
Ion Ratio	Lower Upper
84 100	
49 79.7	79.7 119.5
51 22.0	25.2 37.8#
86 33.7	53.3 79.9#



#25
2-Butanone
Concen: 0.921 ug/l
RT: 7.507 min Scan# 947
Delta R.T. 0.017 min
Lab File: VN077472.D
Acq: 25 Apr 2023 16:20

Tgt Ion: 43	Resp: 2869		
Ion Ratio	Lower	Upper	
43 100			
72 12.7	30.2	45.2#	

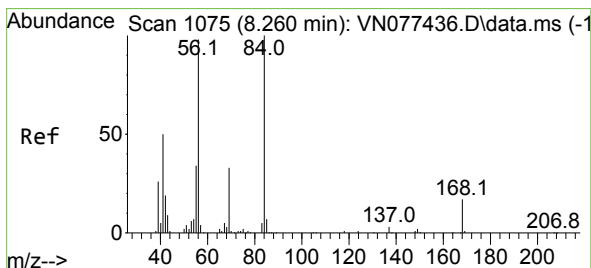
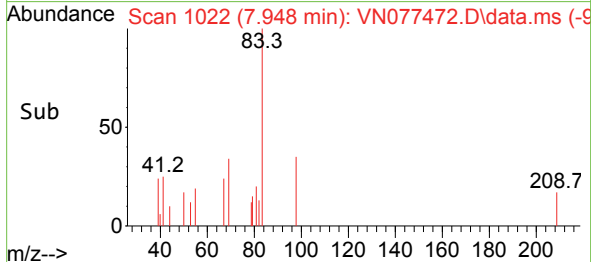
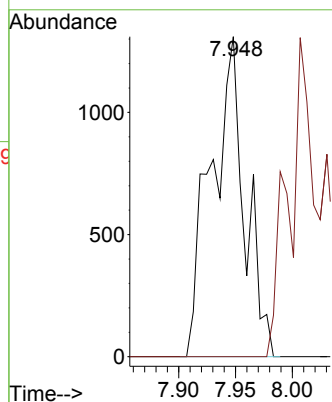
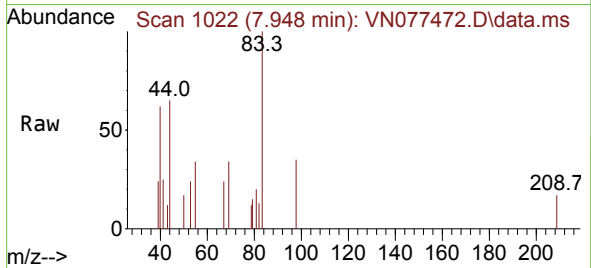




#30
Chloroform
Concen: 0.225 ug/l
RT: 7.948 min Scan# 1022
Delta R.T. -0.024 min
Lab File: VN077472.D
Acq: 25 Apr 2023 16:20

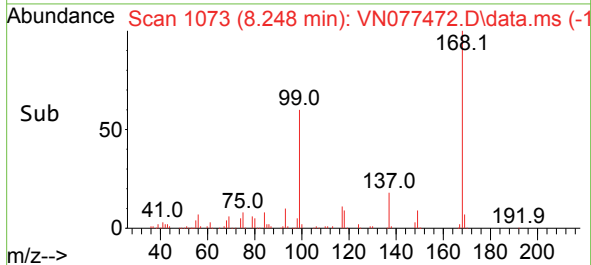
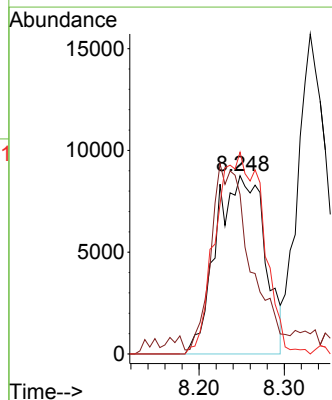
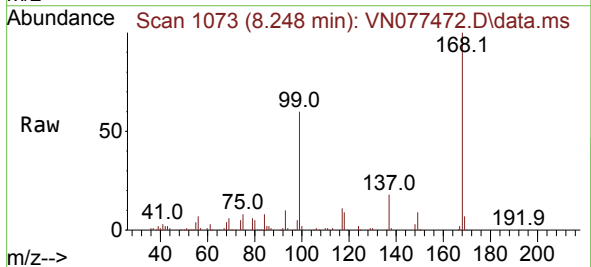
Instrument :
MSVOA_N
ClientSampleId :
MW-1

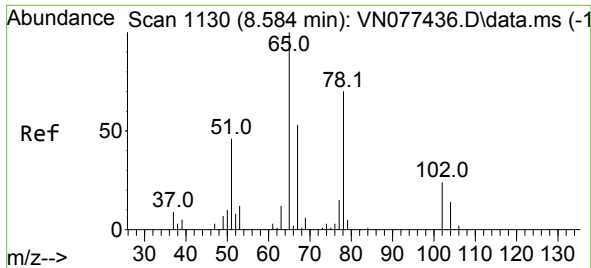
Tgt Ion: 83 Resp: 2709
Ion Ratio Lower Upper
83 100
85 0.0 55.4 83.0#



#31
Cyclohexane
Concen: 3.547 ug/l
RT: 8.248 min Scan# 1073
Delta R.T. -0.012 min
Lab File: VN077472.D
Acq: 25 Apr 2023 16:20

Tgt Ion: 56 Resp: 34693
Ion Ratio Lower Upper
56 100
69 79.3 26.8 40.2#
84 113.2 81.8 122.6

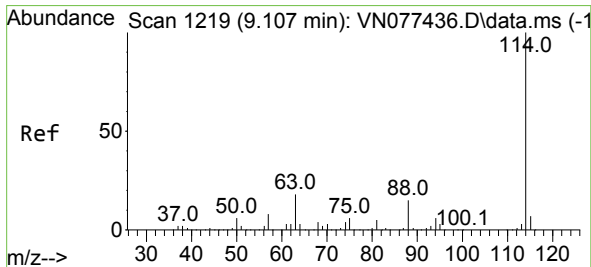
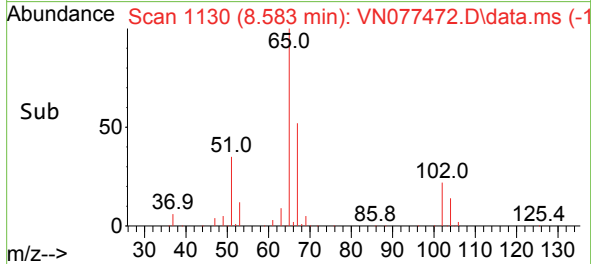
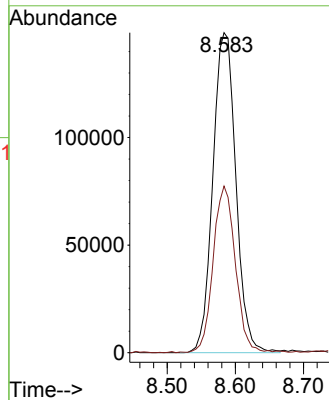
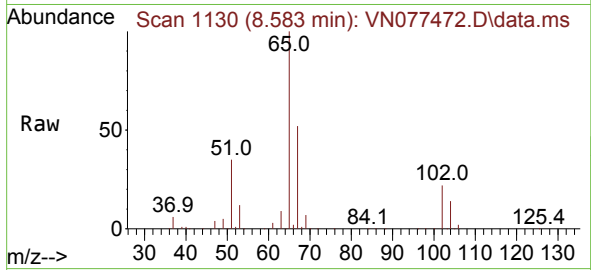




#33
1,2-Dichloroethane-d4
Concen: 50.649 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077472.D
Acq: 25 Apr 2023 16:20

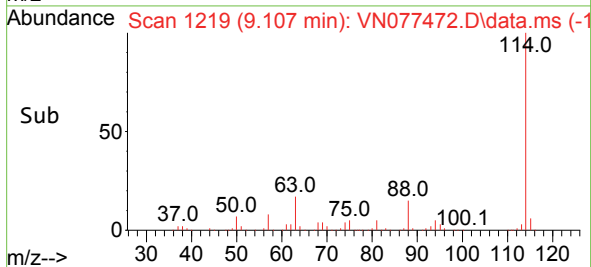
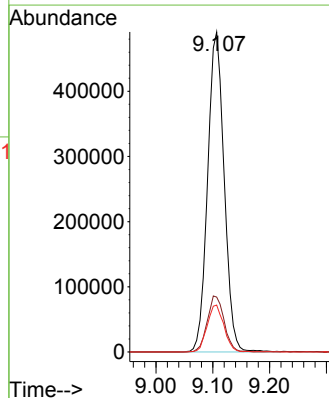
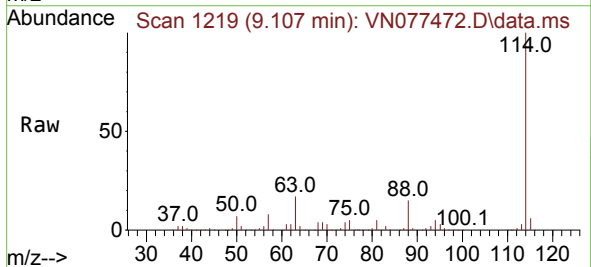
Instrument :
MSVOA_N
ClientSampleId :
MW-1

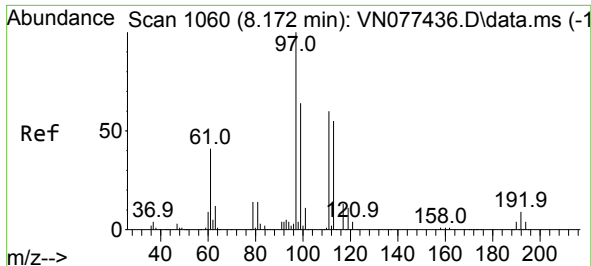
Tgt Ion: 65 Resp: 349679
Ion Ratio Lower Upper
65 100
67 49.8 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN077472.D
Acq: 25 Apr 2023 16:20

Tgt Ion:114 Resp: 989893
Ion Ratio Lower Upper
114 100
63 17.2 0.0 36.4
88 14.7 0.0 30.6

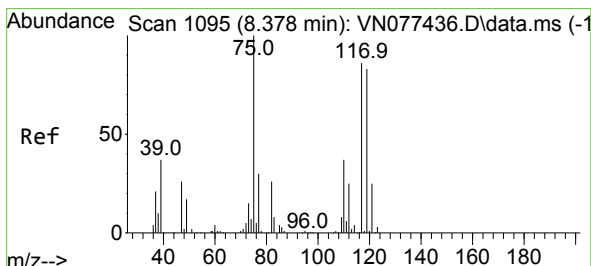
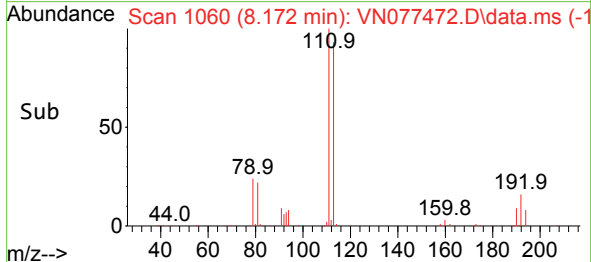
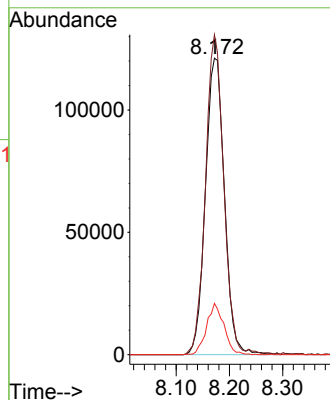
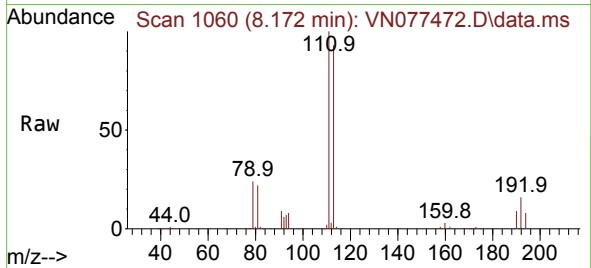




#35
Dibromofluoromethane
Concen: 50.638 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077472.D
Acq: 25 Apr 2023 16:20

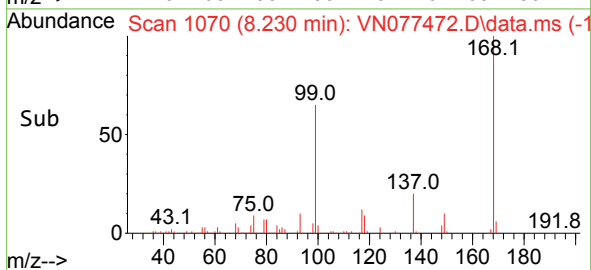
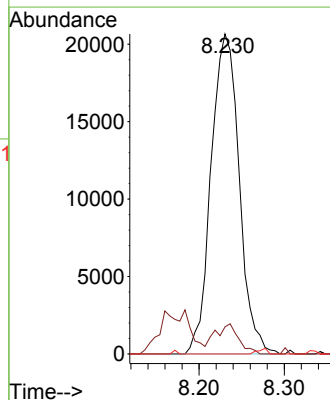
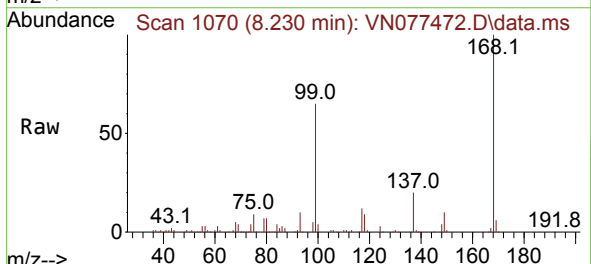
Instrument :
MSVOA_N
ClientSampleId :
MW-1

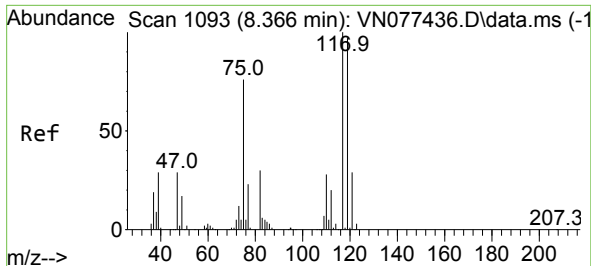
Tgt Ion:113 Resp: 301282
Ion Ratio Lower Upper
113 100
111 102.5 82.6 123.8
192 15.8 12.7 19.1



#36
1,1-Dichloropropene
Concen: 5.516 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.147 min
Lab File: VN077472.D
Acq: 25 Apr 2023 16:20

Tgt Ion: 75 Resp: 47411
Ion Ratio Lower Upper
75 100
110 7.9 19.1 57.3#
77 0.0 25.0 37.4#

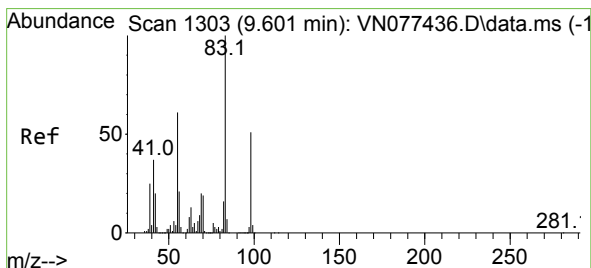
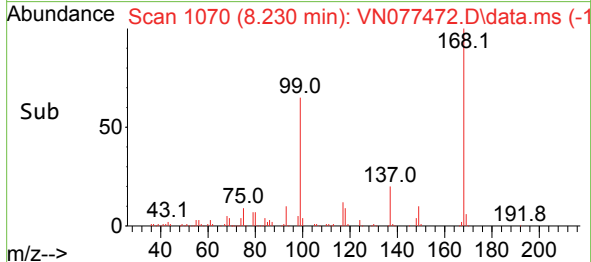
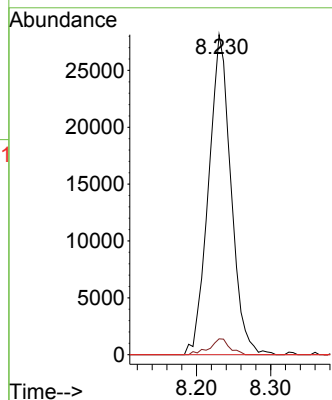
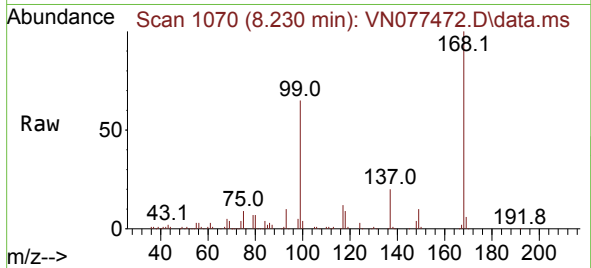




#38
Carbon Tetrachloride
Concen: 6.236 ug/l
RT: 8.230 min Scan# 1093
Delta R.T. -0.136 min
Lab File: VN077472.D
Acq: 25 Apr 2023 16:20

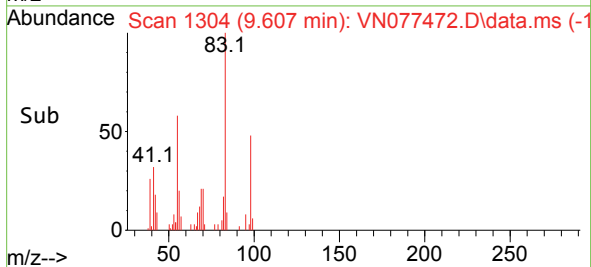
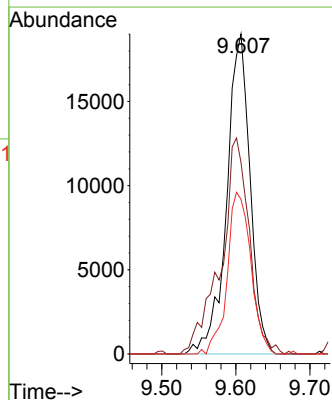
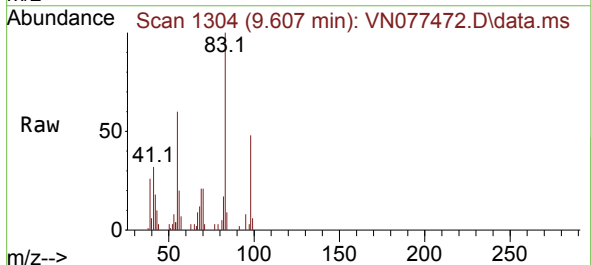
Instrument :
MSVOA_N
ClientSampleId :
MW-1

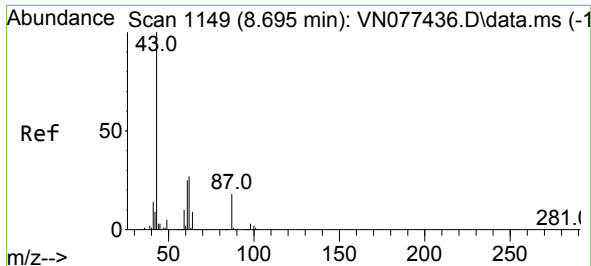
Tgt Ion:117 Resp: 59138
Ion Ratio Lower Upper
117 100
119 4.9 77.3 115.9#
121 0.0 23.3 34.9#



#39
Methylcyclohexane
Concen: 3.685 ug/l
RT: 9.607 min Scan# 1304
Delta R.T. 0.006 min
Lab File: VN077472.D
Acq: 25 Apr 2023 16:20

Tgt Ion: 83 Resp: 41737
Ion Ratio Lower Upper
83 100
55 59.9 49.1 73.7
98 48.3 40.6 61.0

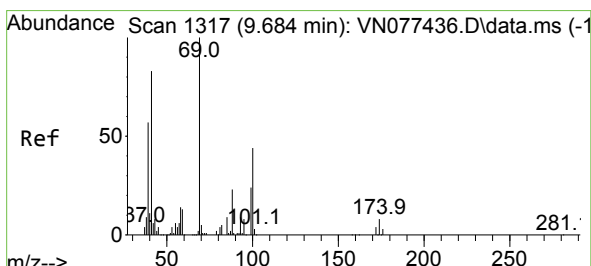
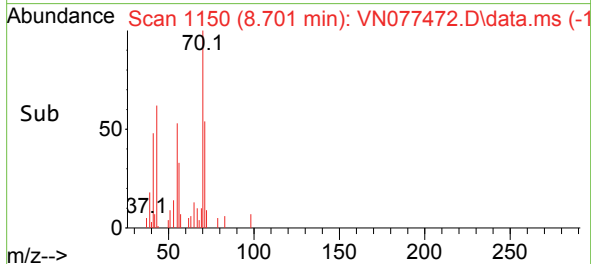
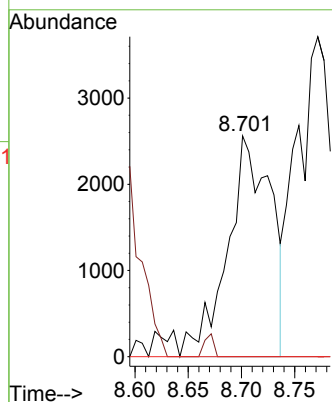
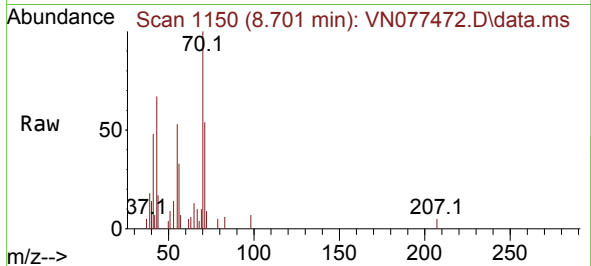




#43
Isopropyl Acetate
Concen: 0.642 ug/l
RT: 8.701 min Scan# 1150
Delta R.T. 0.006 min
Lab File: VN077472.D
Acq: 25 Apr 2023 16:20

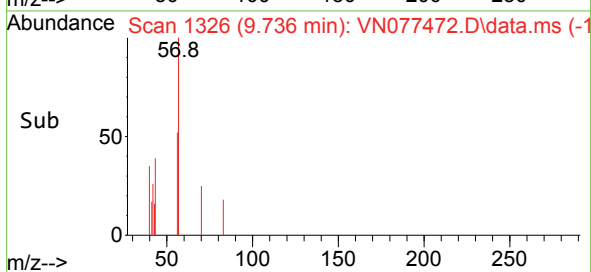
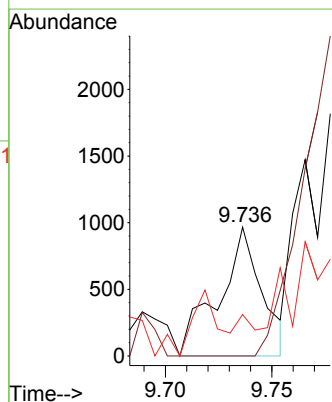
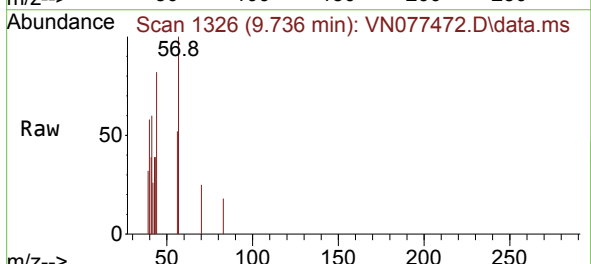
Instrument :
MSVOA_N
ClientSampleId :
MW-1

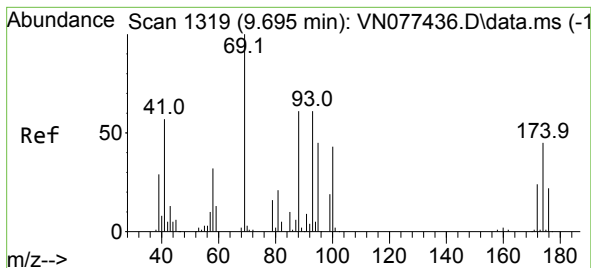
Tgt Ion: 43 Resp: 7253
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#48
Methyl methacrylate
Concen: 0.265 ug/l
RT: 9.736 min Scan# 1326
Delta R.T. 0.053 min
Lab File: VN077472.D
Acq: 25 Apr 2023 16:20

Tgt Ion: 41 Resp: 1362
Ion Ratio Lower Upper
41 100
69 0.0 90.4 135.6#
39 30.0 54.6 81.8#





#49

1,4-Dioxane

Concen: 0.504 ug/l

RT: 9.742 min Scan# 1

Delta R.T. 0.047 min

Lab File: VN077472.D

Acq: 25 Apr 2023 16:20

Instrument :

MSVOA_N

ClientSampleId :

MW-1

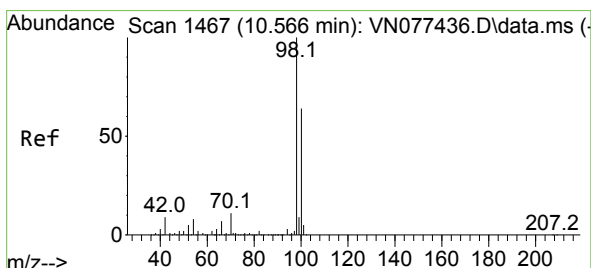
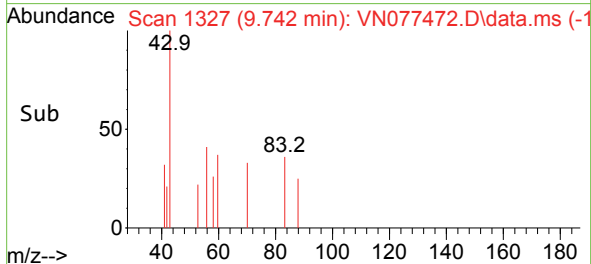
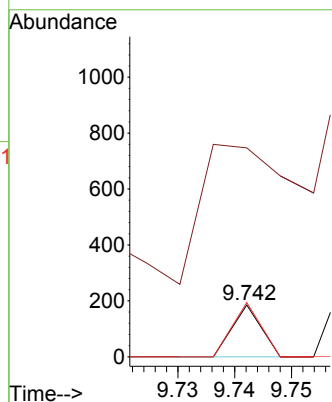
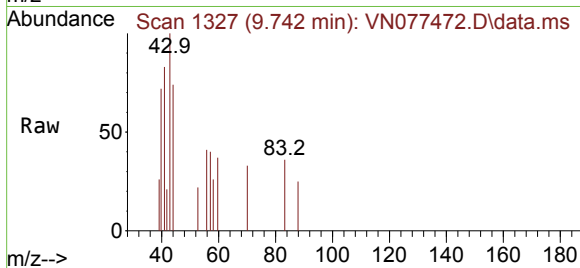
Tgt Ion: 88 Resp: 65

Ion Ratio Lower Upper

88 100

43 2141.5 17.0 25.6#

58 104.6 47.0 70.4#



#50

Toluene-d8

Concen: 51.428 ug/l

RT: 10.571 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN077472.D

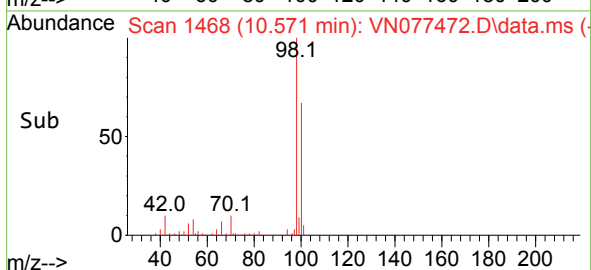
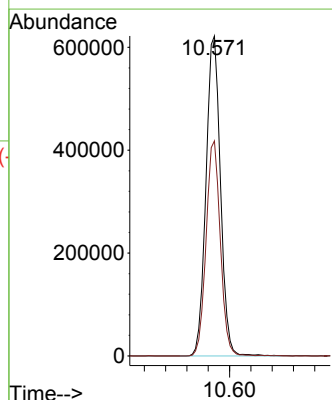
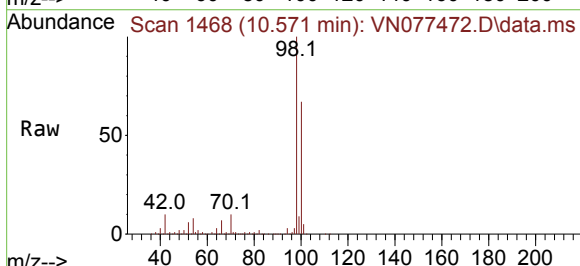
Acq: 25 Apr 2023 16:20

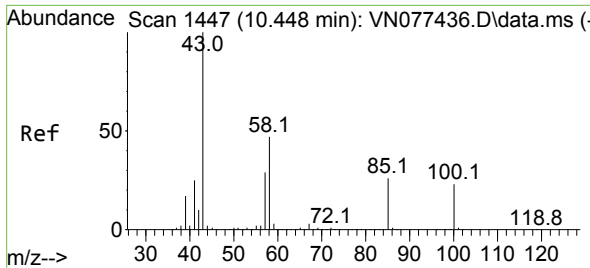
Tgt Ion: 98 Resp: 1172705

Ion Ratio Lower Upper

98 100

100 66.0 52.0 78.0

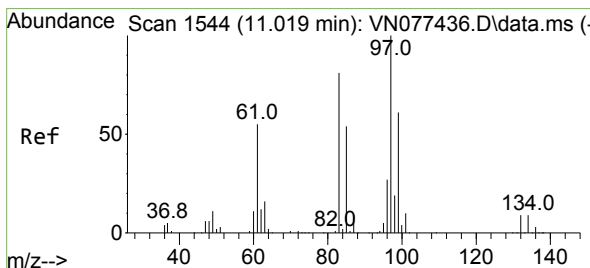
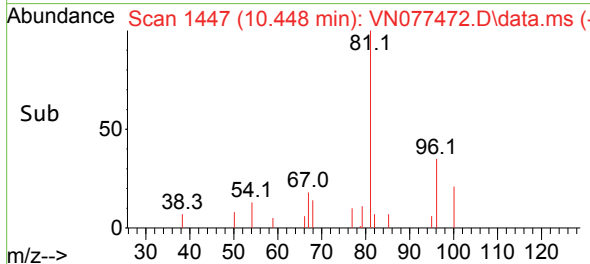
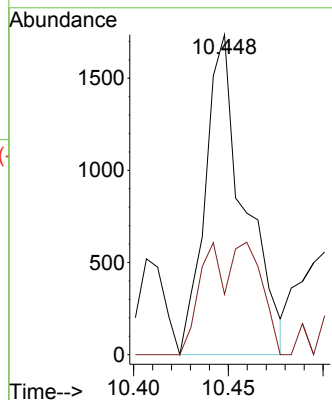
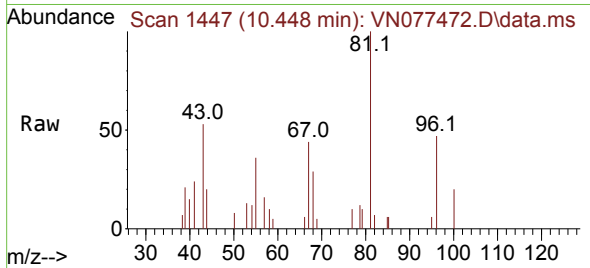




#51
4-Methyl-2-Pentanone
Concen: 0.379 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077472.D
Acq: 25 Apr 2023 16:20

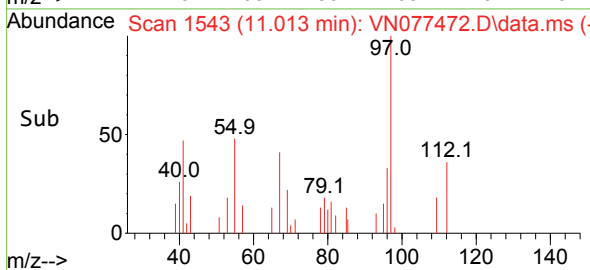
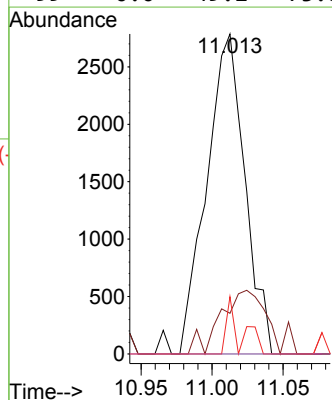
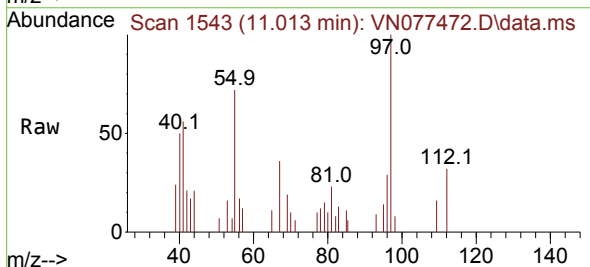
Instrument :
MSVOA_N
ClientSampleId :
MW-1

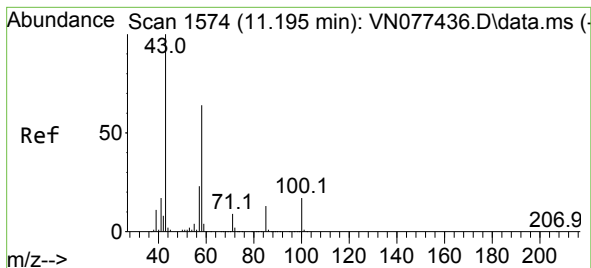
Tgt Ion: 43 Resp: 2513
Ion Ratio Lower Upper
43 100
58 22.0 36.6 54.8#



#55
1,1,2-Trichloroethane
Concen: 0.756 ug/l
RT: 11.013 min Scan# 1543
Delta R.T. -0.006 min
Lab File: VN077472.D
Acq: 25 Apr 2023 16:20

Tgt Ion: 97 Resp: 5217
Ion Ratio Lower Upper
97 100
83 12.7 65.1 97.7#
85 17.9 43.4 65.2#
99 0.0 49.2 73.8#

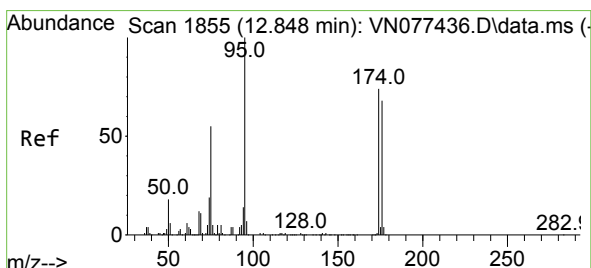
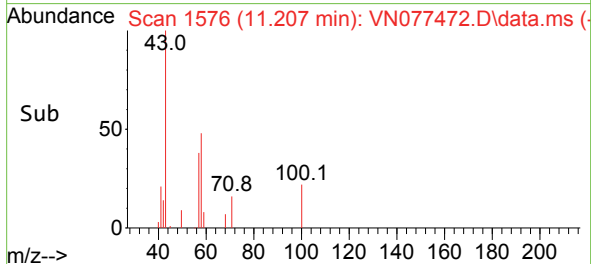
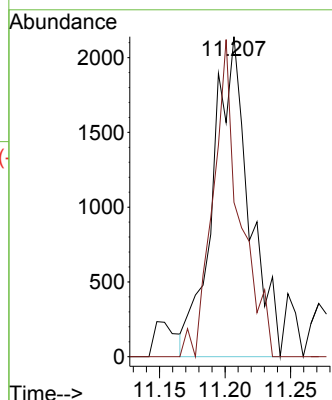
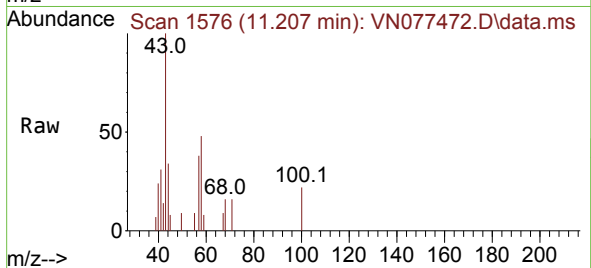




#59
2-Hexanone
Concen: 0.856 ug/l
RT: 11.207 min Scan# 1115
Delta R.T. 0.012 min
Lab File: VN077472.D
Acq: 25 Apr 2023 16:20

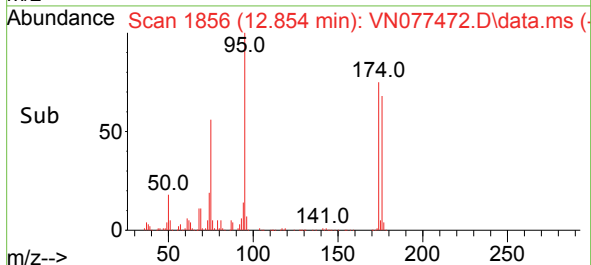
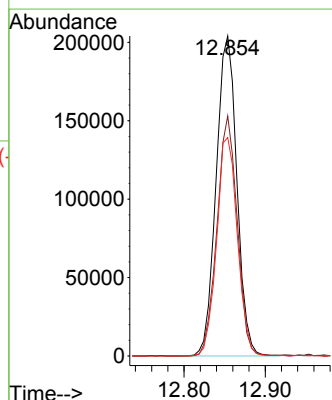
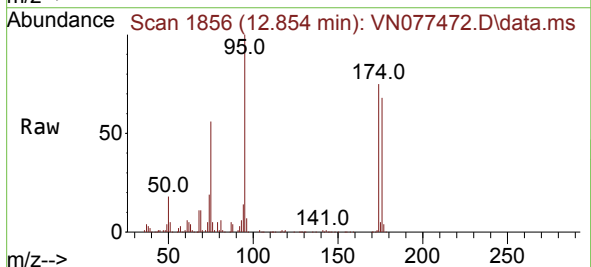
Instrument :
MSVOA_N
ClientSampleId :
MW-1

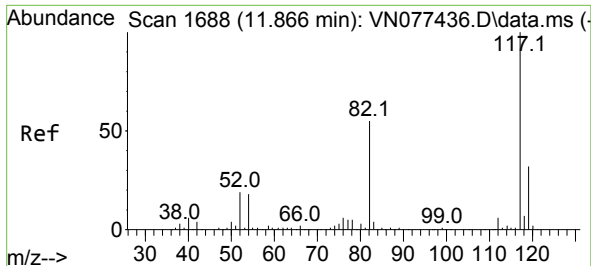
Tgt Ion: 43 Resp: 4126
Ion Ratio Lower Upper
43 100
58 73.6 31.7 95.1



#62
4-Bromofluorobenzene
Concen: 48.529 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077472.D
Acq: 25 Apr 2023 16:20

Tgt Ion: 95 Resp: 362048
Ion Ratio Lower Upper
95 100
174 73.1 0.0 143.8
176 68.5 0.0 135.8

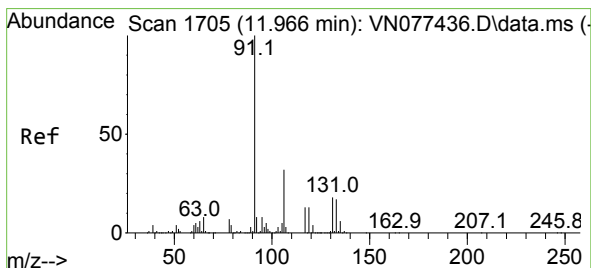
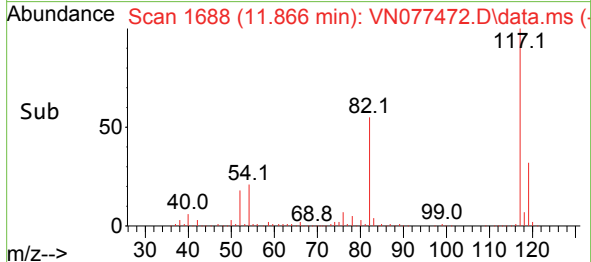
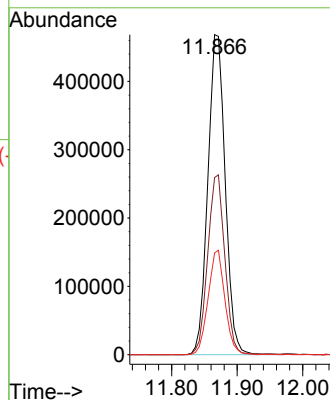
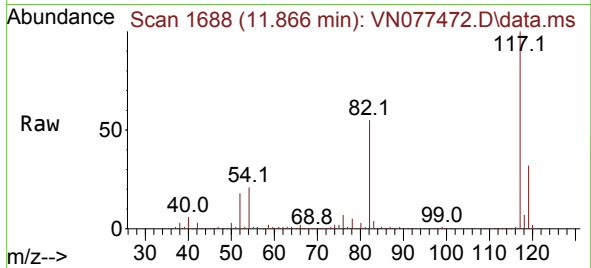




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077472.D
Acq: 25 Apr 2023 16:20

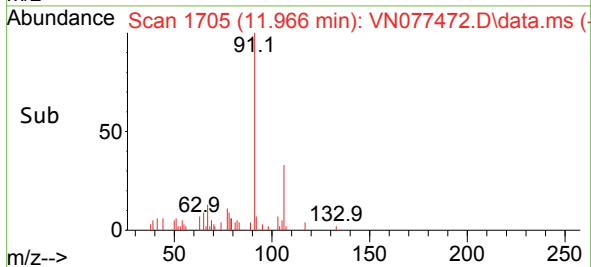
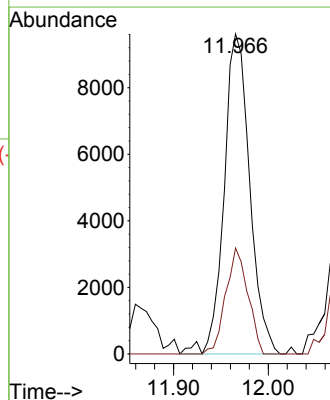
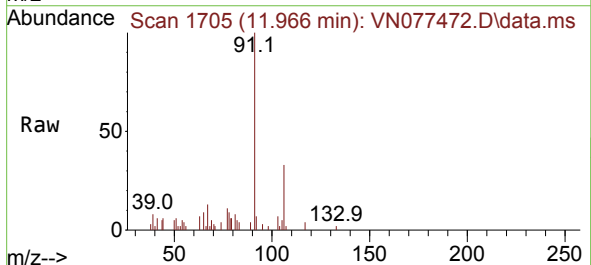
Instrument :
MSVOA_N
ClientSampleId :
MW-1

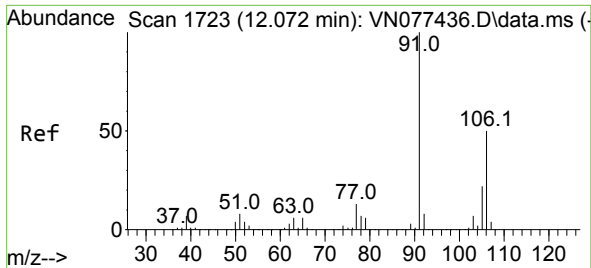
Tgt Ion:117 Resp: 863004
Ion Ratio Lower Upper
117 100
82 55.4 44.0 66.0
119 31.8 25.6 38.4



#67
Ethyl Benzene
Concen: 0.564 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077472.D
Acq: 25 Apr 2023 16:20

Tgt Ion: 91 Resp: 18120
Ion Ratio Lower Upper
91 100
106 33.1 25.6 38.4

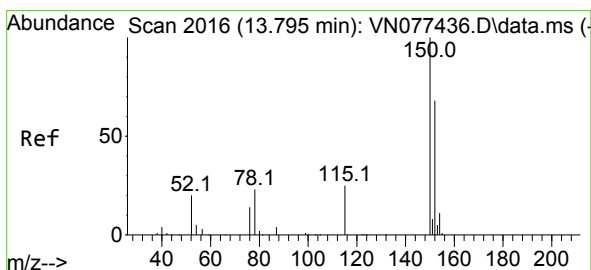
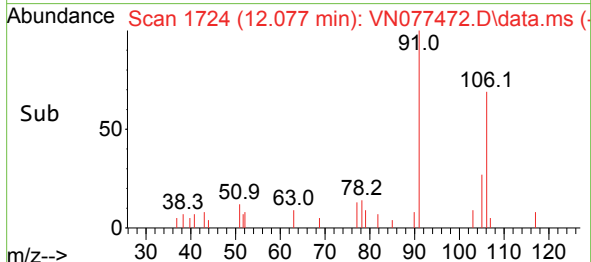
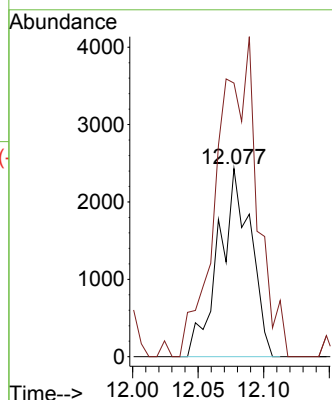
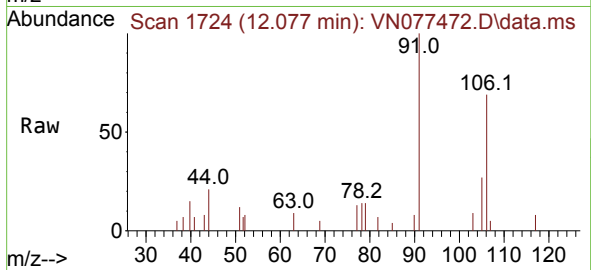




#68
m/p-Xylenes
Concen: 0.332 ug/l
RT: 12.077 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN077472.D
Acq: 25 Apr 2023 16:20

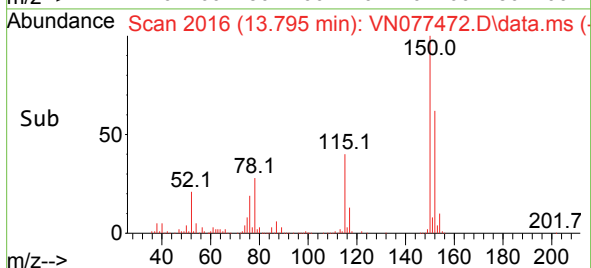
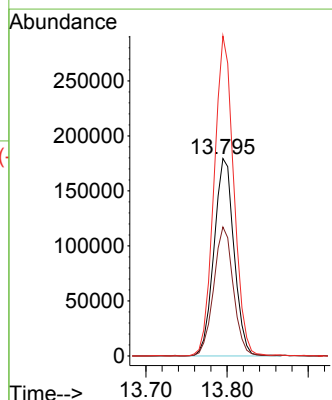
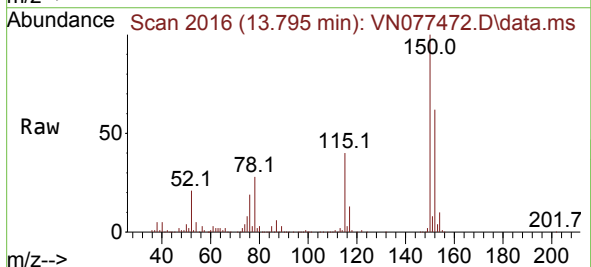
Instrument :
MSVOA_N
ClientSampleId :
MW-1

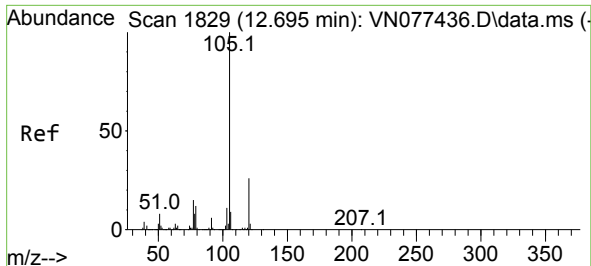
Tgt Ion:106 Resp: 4142
Ion Ratio Lower Upper
106 100
91 211.3 159.6 239.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077472.D
Acq: 25 Apr 2023 16:20

Tgt Ion:152 Resp: 307433
Ion Ratio Lower Upper
152 100
115 64.0 32.3 96.8
150 159.3 0.0 355.8

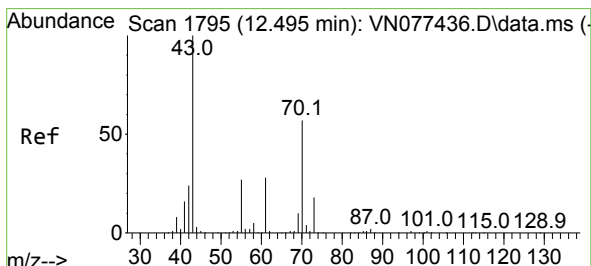
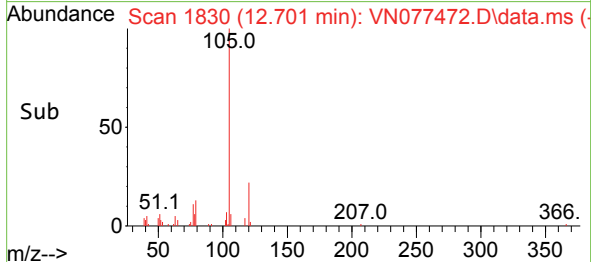
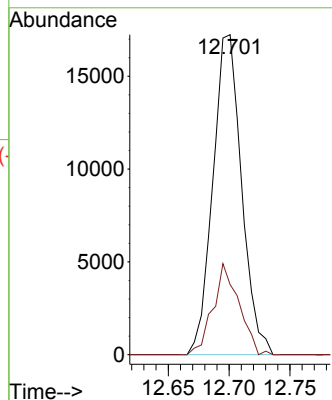
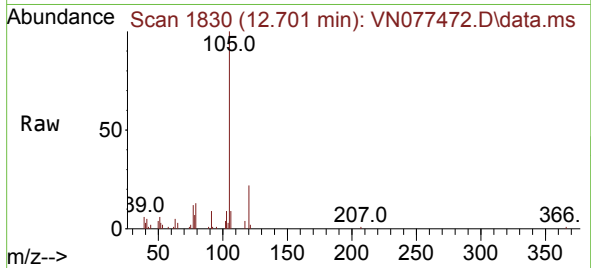




#73
Isopropylbenzene
Concen: 0.991 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077472.D
Acq: 25 Apr 2023 16:20

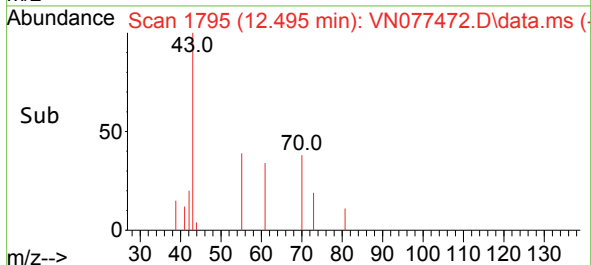
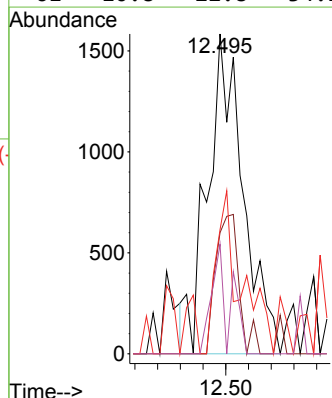
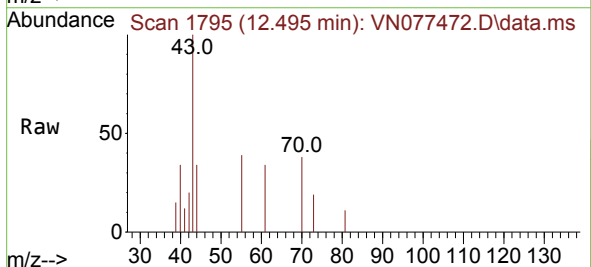
Instrument :
MSVOA_N
ClientSampleId :
MW-1

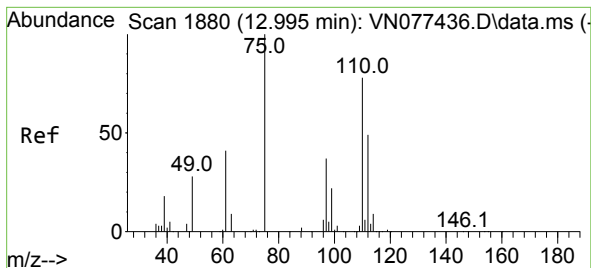
Tgt Ion:105 Resp: 28260
Ion Ratio Lower Upper
105 100
120 25.8 13.1 39.1



#74
N-ethyl acetate
Concen: 0.407 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077472.D
Acq: 25 Apr 2023 16:20

Tgt Ion: 43 Resp: 3440
Ion Ratio Lower Upper
43 100
70 28.6 43.4 65.2#
55 24.0 21.4 32.0
61 10.8 22.8 34.2#





#76

1,2,3-Trichloropropane

Concen: 27.936 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. -0.141 min

Lab File: VN077472.D

Acq: 25 Apr 2023 16:20

Instrument :

MSVOA_N

ClientSampleId :

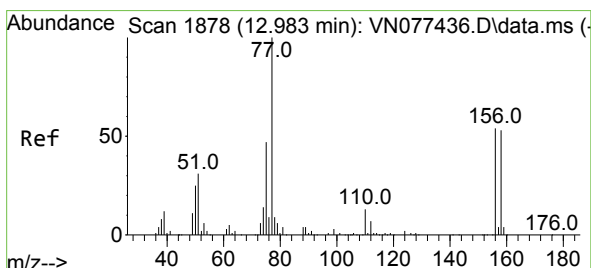
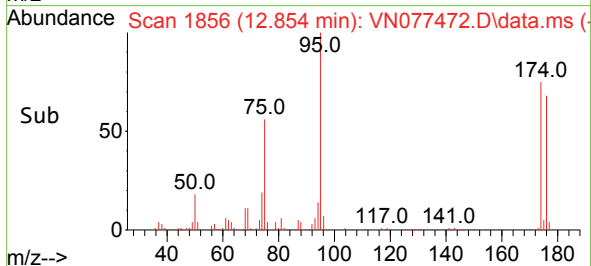
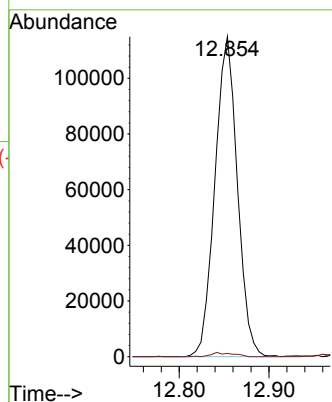
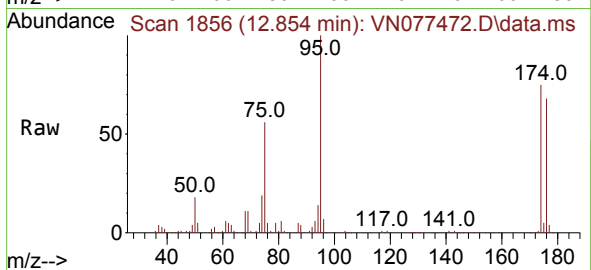
MW-1

Tgt Ion: 75 Resp: 199712

Ion Ratio Lower Upper

75 100

77 1.3 84.5 253.5#



#77

Bromobenzene

Concen: 0.207 ug/l

RT: 12.989 min Scan# 1879

Delta R.T. 0.006 min

Lab File: VN077472.D

Acq: 25 Apr 2023 16:20

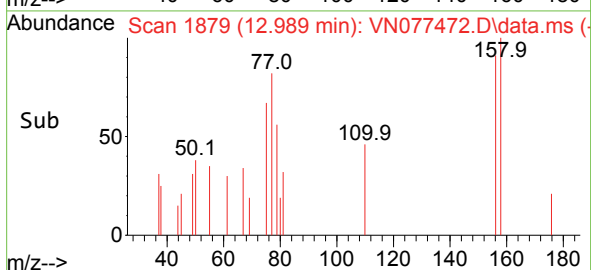
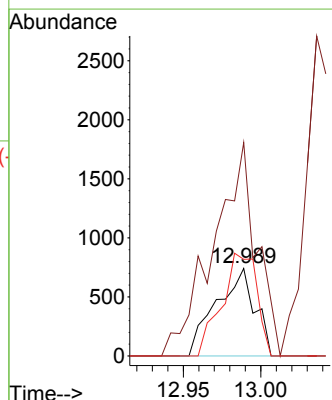
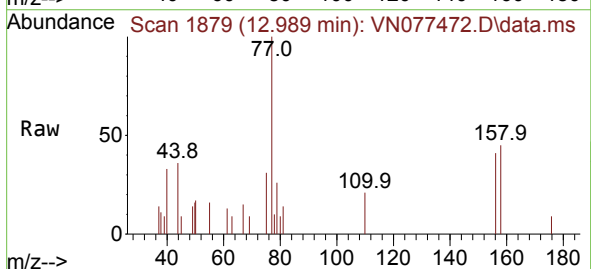
Tgt Ion:156 Resp: 1288

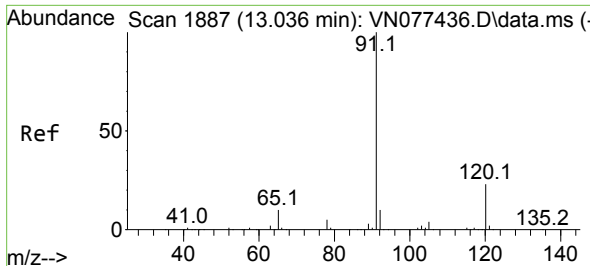
Ion Ratio Lower Upper

156 100

77 271.9 107.7 323.3

158 106.4 48.4 145.3

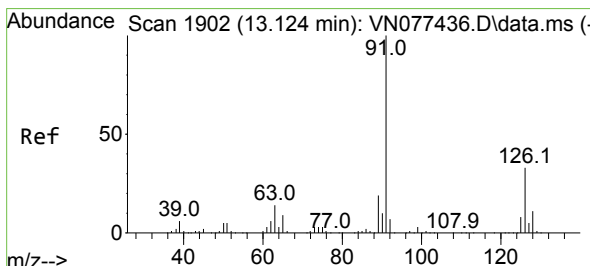
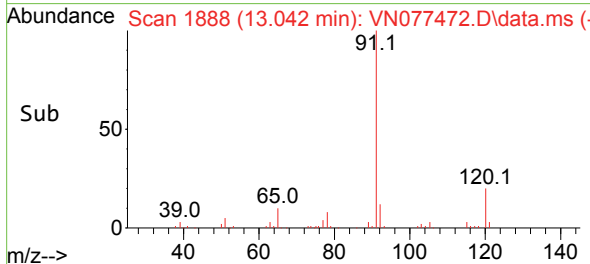
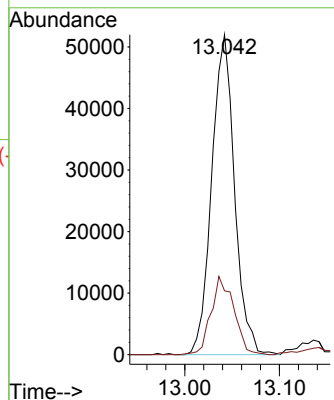
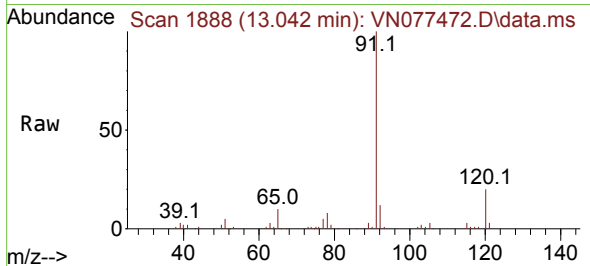




#78
n-propylbenzene
Concen: 2.757 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.006 min
Lab File: VN077472.D
Acq: 25 Apr 2023 16:20

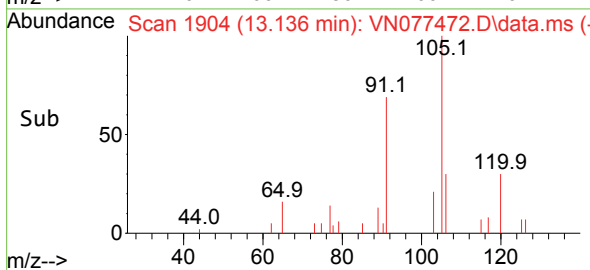
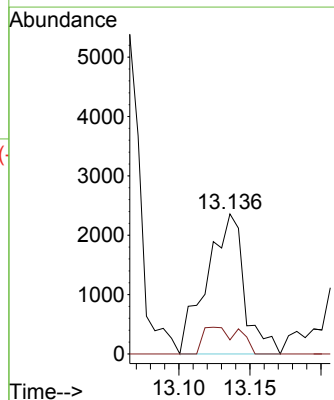
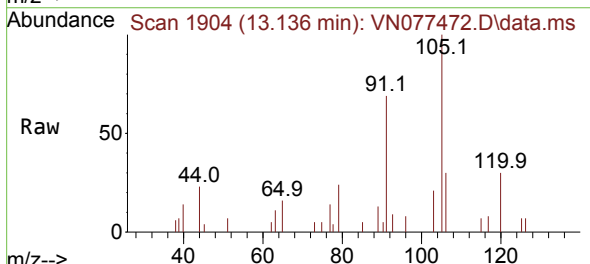
Instrument :
MSVOA_N
ClientSampleId :
MW-1

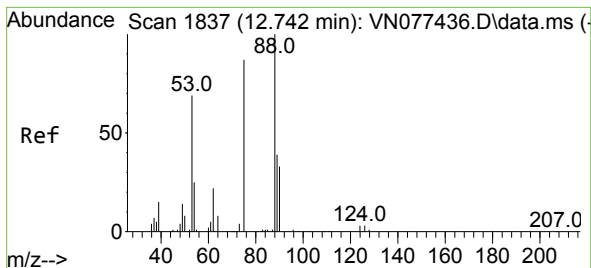
Tgt Ion: 91 Resp: 86964
Ion Ratio Lower Upper
91 100
120 24.4 11.5 34.4



#79
2-Chlorotoluene
Concen: 0.223 ug/l
RT: 13.136 min Scan# 1904
Delta R.T. 0.012 min
Lab File: VN077472.D
Acq: 25 Apr 2023 16:20

Tgt Ion: 91 Resp: 4337
Ion Ratio Lower Upper
91 100
126 18.5 16.3 48.8

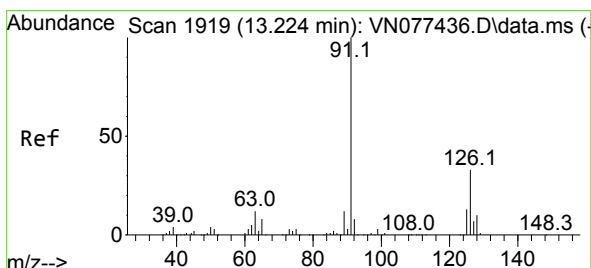
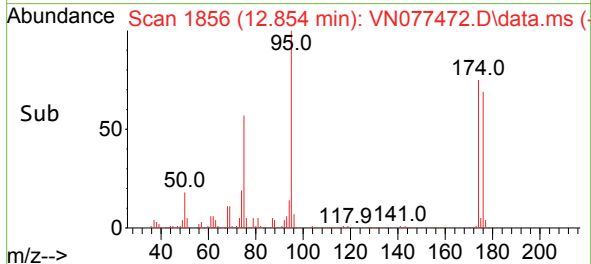
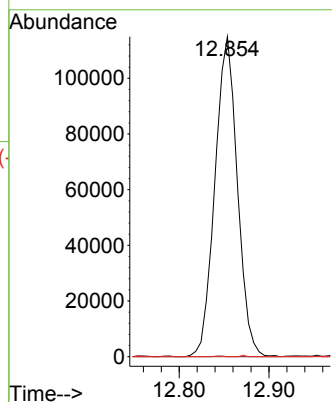
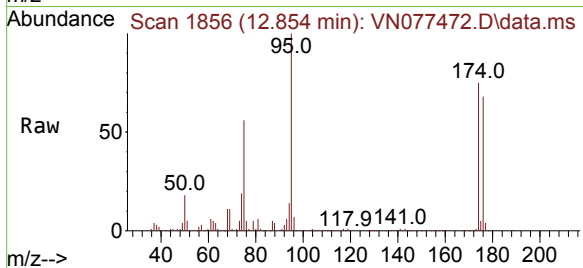




#81
trans-1,4-Dichloro-2-butene
Concen: 78.923 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.112 min
Lab File: VN077472.D
Acq: 25 Apr 2023 16:20

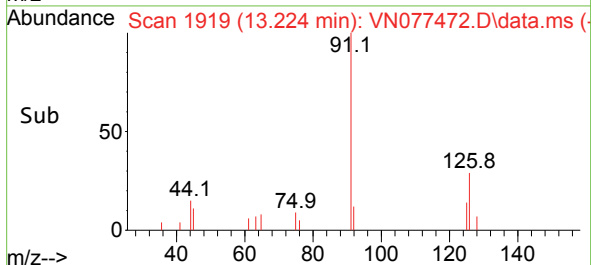
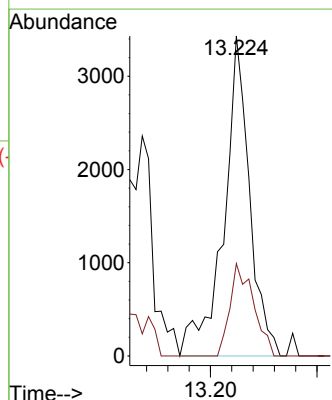
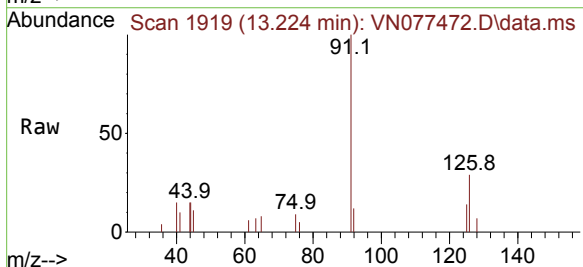
Instrument :
MSVOA_N
ClientSampleId :
MW-1

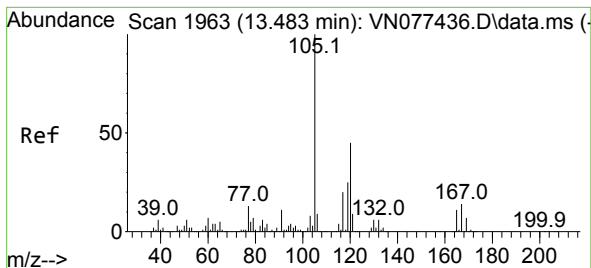
Tgt Ion: 75 Resp: 199712
Ion Ratio Lower Upper
75 100
53 0.1 67.4 101.2#
89 0.0 38.8 58.2#



#82
4-Chlorotoluene
Concen: 0.317 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077472.D
Acq: 25 Apr 2023 16:20

Tgt Ion: 91 Resp: 5761
Ion Ratio Lower Upper
91 100
126 26.4 16.7 50.0





#84

1,2,4-Trimethylbenzene

Concen: 0.261 ug/l

RT: 13.489 min Scan# 1963

Delta R.T. 0.006 min

Lab File: VN077472.D

Acq: 25 Apr 2023 16:20

Instrument :

MSVOA_N

ClientSampleId :

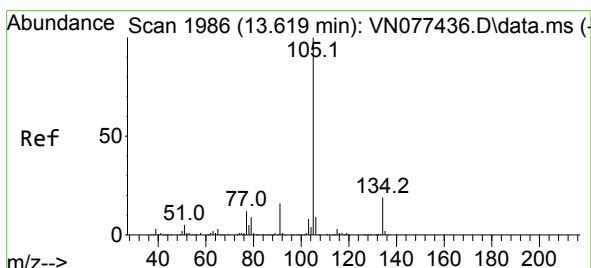
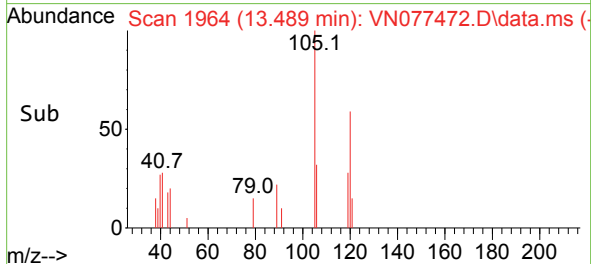
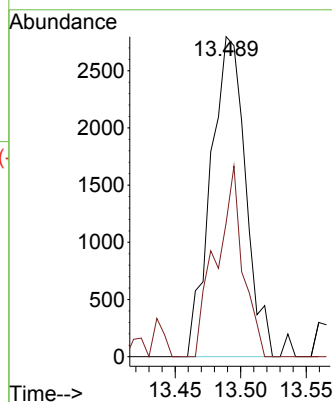
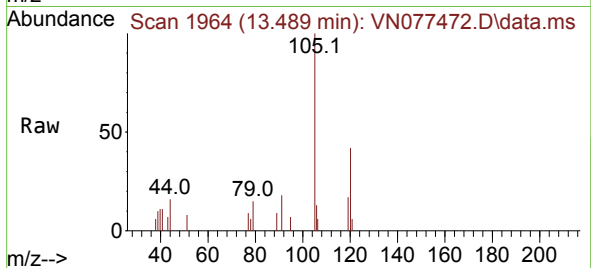
MW-1

Tgt Ion:105 Resp: 5157

Ion Ratio Lower Upper

105 100

120 45.8 22.0 66.0



#85

sec-Butylbenzene

Concen: 0.495 ug/l

RT: 13.618 min Scan# 1986

Delta R.T. -0.000 min

Lab File: VN077472.D

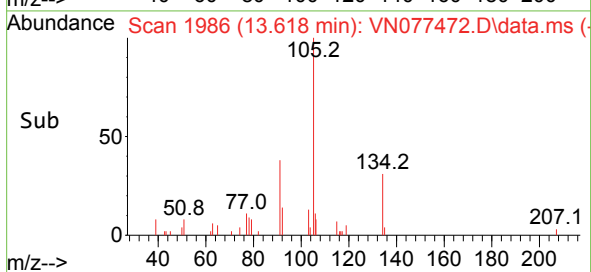
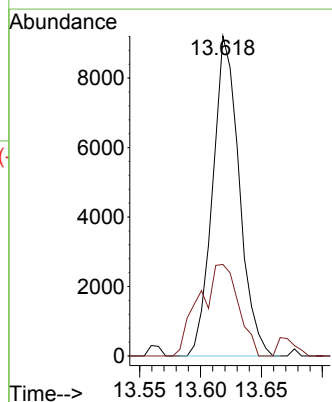
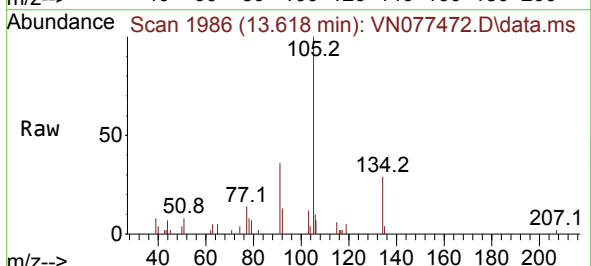
Acq: 25 Apr 2023 16:20

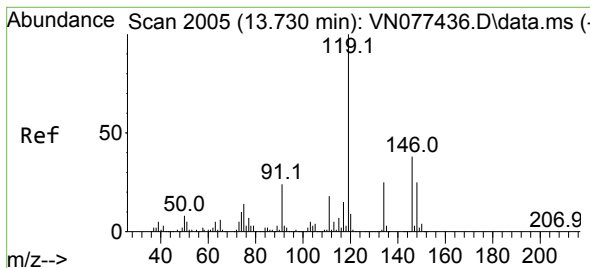
Tgt Ion:105 Resp: 13976

Ion Ratio Lower Upper

105 100

134 42.3 9.8 29.3#





#86

p-Isopropyltoluene

Concen: 0.242 ug/l

RT: 13.730 min Scan# 2005

Delta R.T. -0.000 min

Lab File: VN077472.D

Acq: 25 Apr 2023 16:20

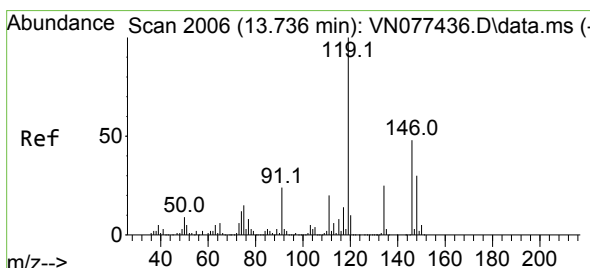
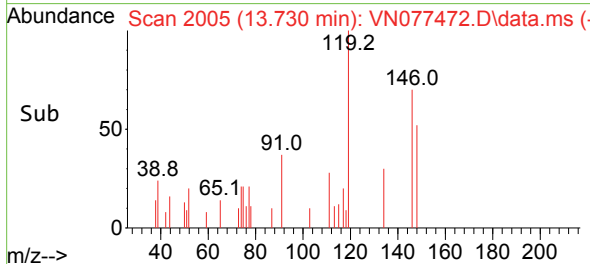
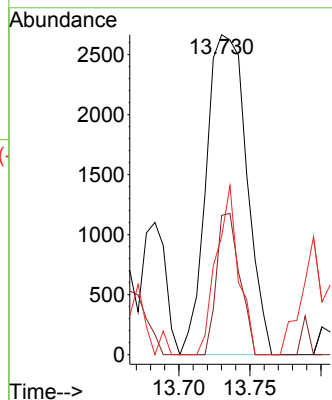
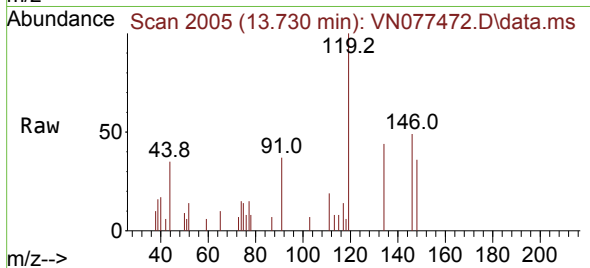
Instrument :

MSVOA_N

ClientSampleId :

MW-1

Tgt Ion:	119	Resp:	5260
Ion	Ratio	Lower	Upper
119	100		
134	25.6	12.6	37.8
91	29.2	12.4	37.2



#87

1,3-Dichlorobenzene

Concen: 0.359 ug/l

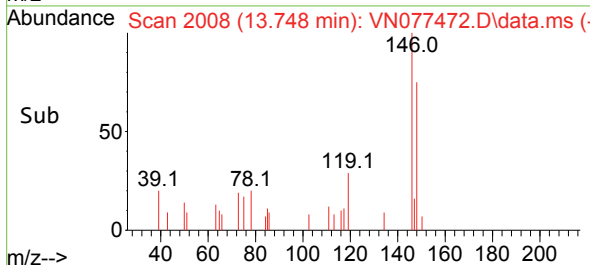
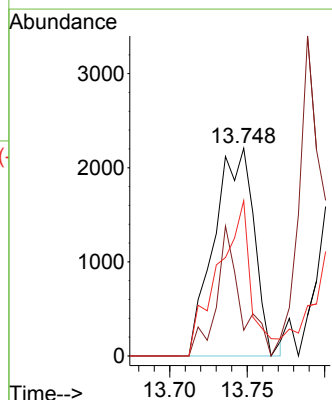
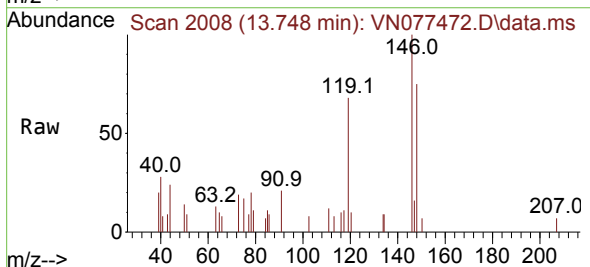
RT: 13.748 min Scan# 2008

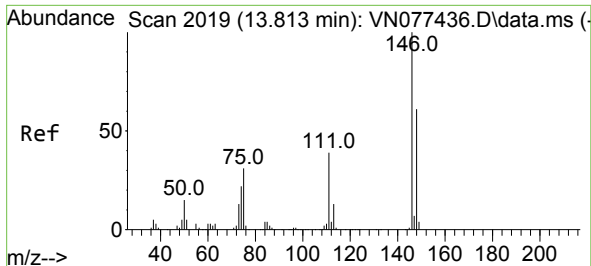
Delta R.T. 0.012 min

Lab File: VN077472.D

Acq: 25 Apr 2023 16:20

Tgt Ion:	146	Resp:	3969
Ion	Ratio	Lower	Upper
146	100		
111	38.5	22.1	66.3
148	62.3	32.0	96.0

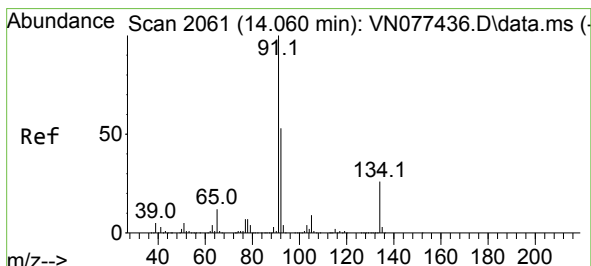
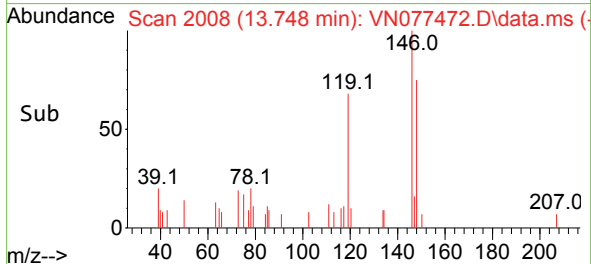
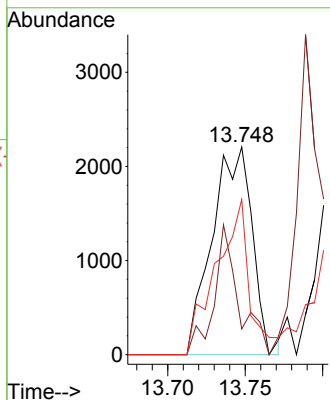
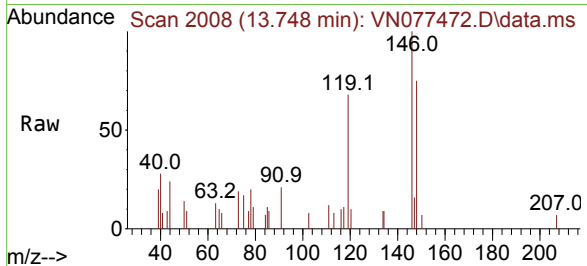




#88
1,4-Dichlorobenzene
Concen: 0.364 ug/l
RT: 13.748 min Scan# 2019
Delta R.T. -0.065 min
Lab File: VN077472.D
Acq: 25 Apr 2023 16:20

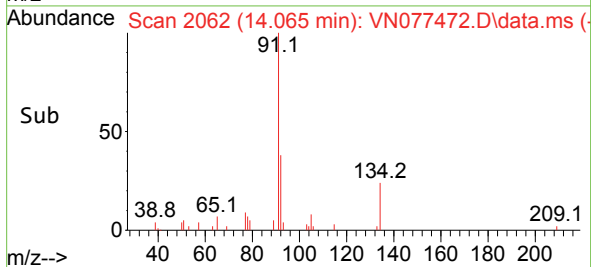
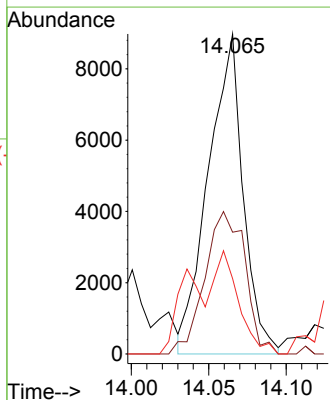
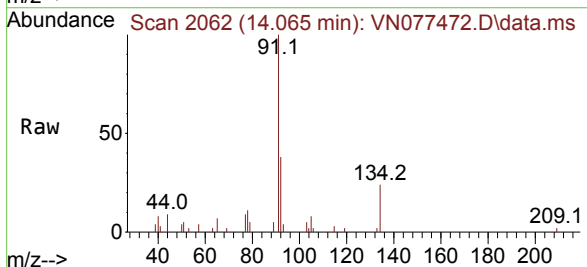
Instrument :
MSVOA_N
ClientSampleId :
MW-1

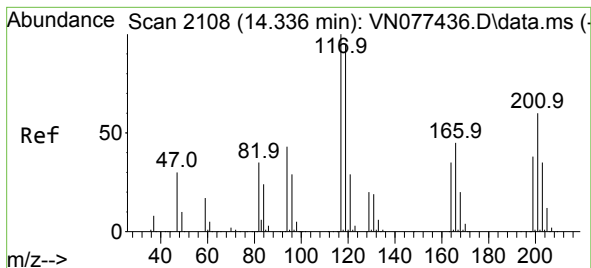
Tgt Ion:146 Resp: 3969
Ion Ratio Lower Upper
146 100
111 38.5 20.6 61.8
148 62.3 31.6 94.8



#89
n-Butylbenzene
Concen: 0.834 ug/l
RT: 14.065 min Scan# 2062
Delta R.T. 0.005 min
Lab File: VN077472.D
Acq: 25 Apr 2023 16:20

Tgt Ion: 91 Resp: 14022
Ion Ratio Lower Upper
91 100
92 51.6 26.4 79.0
134 23.5 12.6 37.6





#90

Hexachloroethane

Concen: 0.549 ug/l

RT: 14.330 min Scan# 2108

Delta R.T. -0.006 min

Lab File: VN077472.D

Acq: 25 Apr 2023 16:20

Instrument :

MSVOA_N

ClientSampleId :

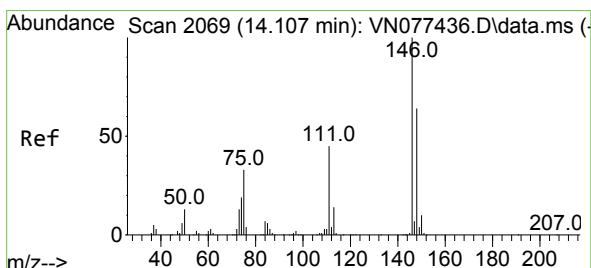
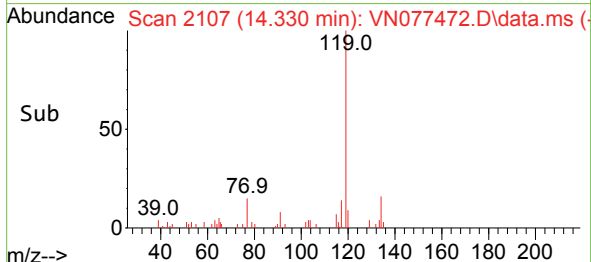
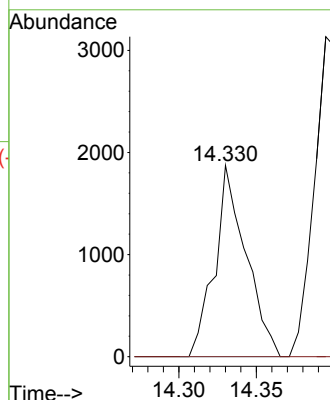
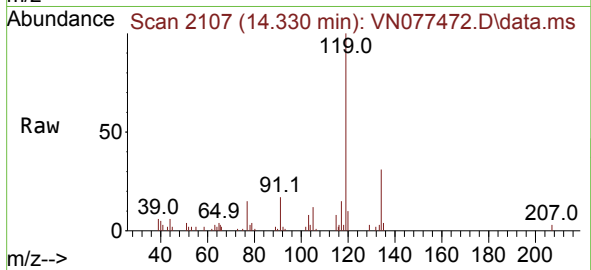
MW-1

Tgt Ion:117 Resp: 2635

Ion Ratio Lower Upper

117 100

201 0.0 29.3 88.0#



#91

1,2-Dichlorobenzene

Concen: 0.320 ug/l

RT: 14.112 min Scan# 2070

Delta R.T. 0.006 min

Lab File: VN077472.D

Acq: 25 Apr 2023 16:20

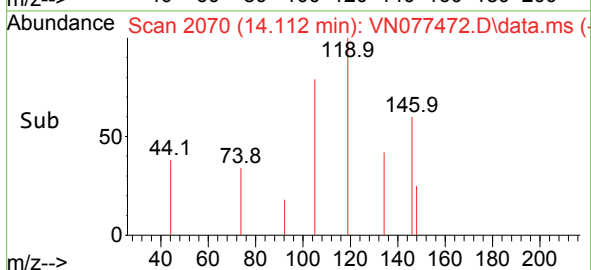
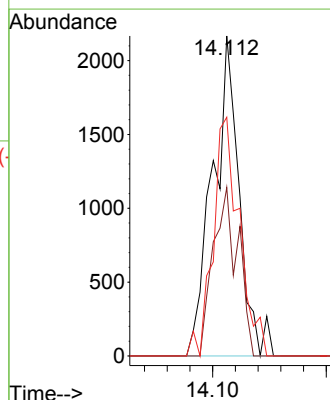
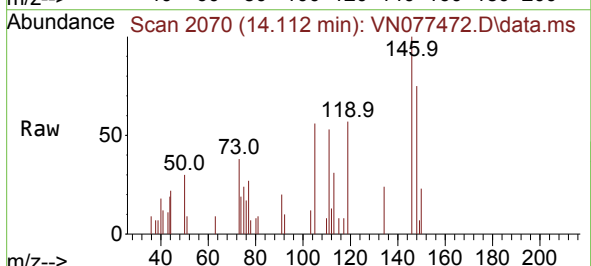
Tgt Ion:146 Resp: 3512

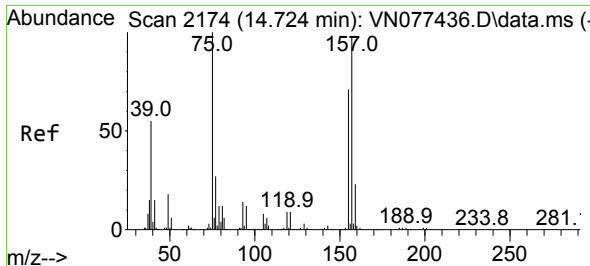
Ion Ratio Lower Upper

146 100

111 49.3 22.0 66.0

148 73.9 31.8 95.3

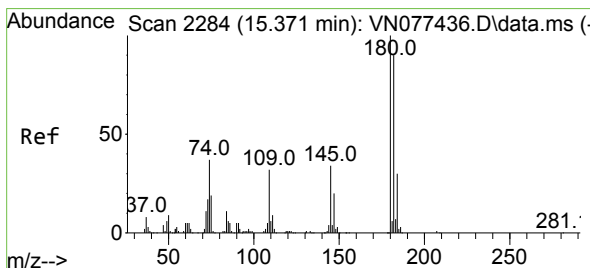
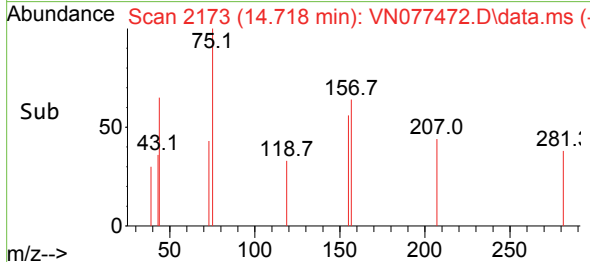
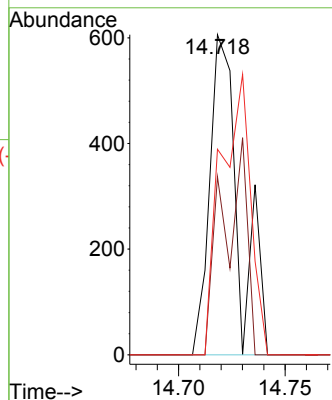
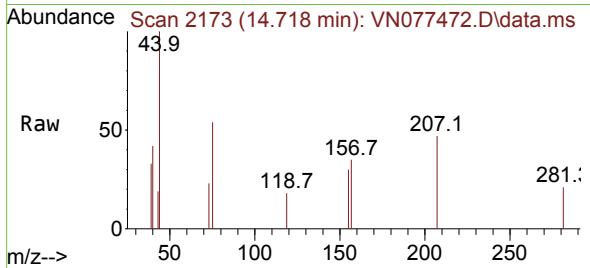




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.346 ug/l
 RT: 14.718 min Scan# 2173
 Delta R.T. -0.006 min
 Lab File: VN077472.D
 Acq: 25 Apr 2023 16:20

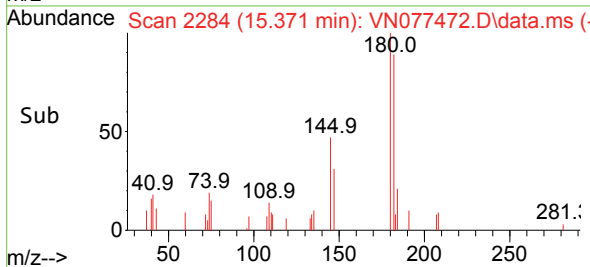
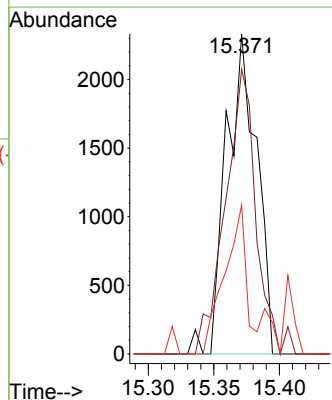
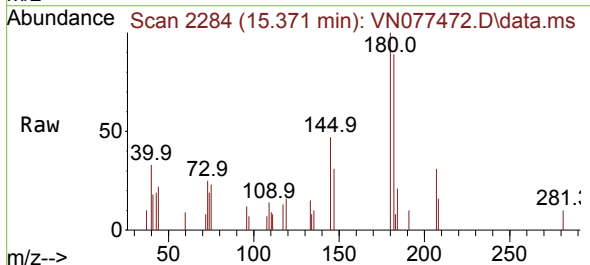
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

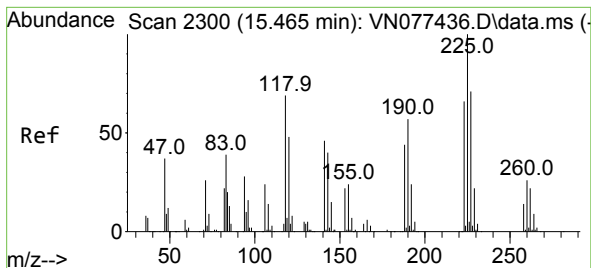
Tgt Ion: 75 Resp: 574
 Ion Ratio Lower Upper
 75 100
 155 56.1 39.1 117.2
 157 89.2 50.3 150.9



#93
 1,2,4-Trichlorobenzene
 Concen: 2.454 ug/l
 RT: 15.371 min Scan# 2284
 Delta R.T. 0.000 min
 Lab File: VN077472.D
 Acq: 25 Apr 2023 16:20

Tgt Ion: 180 Resp: 3757
 Ion Ratio Lower Upper
 180 100
 182 90.0 46.1 138.2
 145 33.8 16.6 49.8





#94

Hexachlorobutadiene

Concen: 0.278 ug/l

RT: 15.459 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN077472.D

Acq: 25 Apr 2023 16:20

Instrument :

MSVOA_N

ClientSampleId :

MW-1

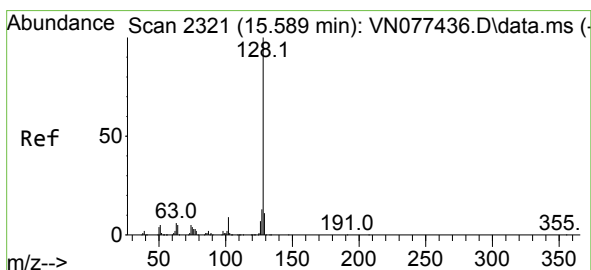
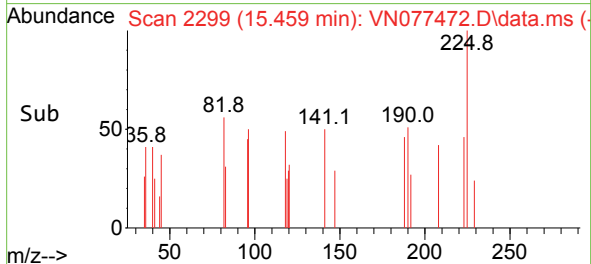
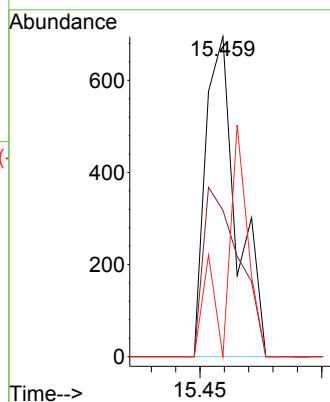
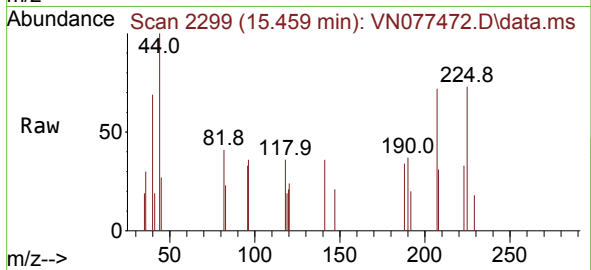
Tgt Ion:225 Resp: 617

Ion Ratio Lower Upper

225 100

223 61.1 31.3 93.8

227 51.4 31.9 95.9



#95

Naphthalene

Concen: 3.301 ug/l

RT: 15.589 min Scan# 2321

Delta R.T. -0.000 min

Lab File: VN077472.D

Acq: 25 Apr 2023 16:20

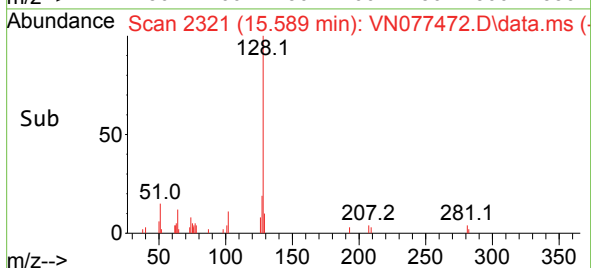
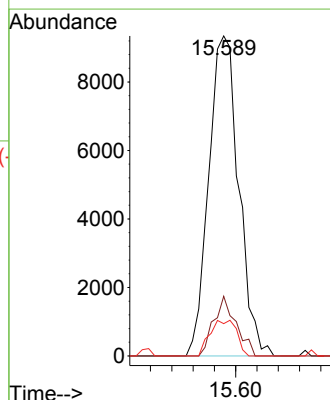
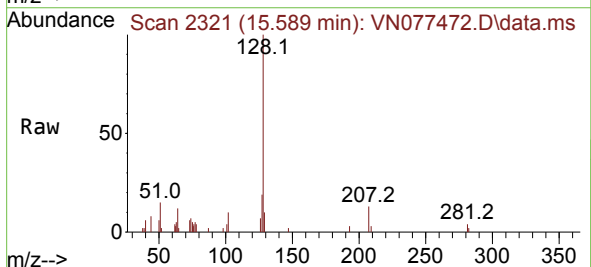
Tgt Ion:128 Resp: 18262

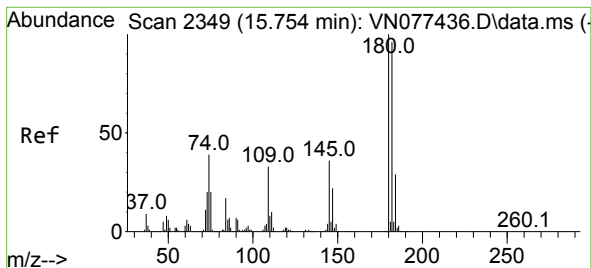
Ion Ratio Lower Upper

128 100

127 14.0 10.0 15.0

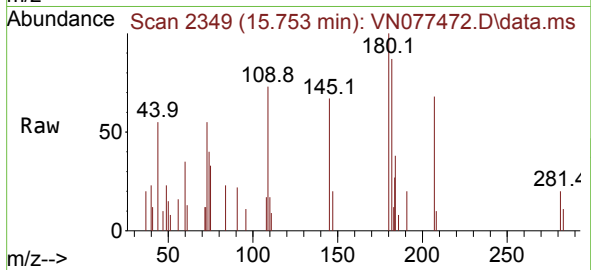
129 10.0 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 2.341 ug/l
 RT: 15.753 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: VN077472.D
 Acq: 25 Apr 2023 16:20

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1



Tgt Ion:	180	Resp:	3875
Ion	Ratio	Lower	Upper
180	100		
182	92.9	46.2	138.6
145	46.8	17.5	52.6

