

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072823\
 Data File : VN078686.D
 Acq On : 28 Jul 2023 15:39
 Operator : JC\MD
 Sample : 03831-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-19-20230727

Quant Time: Jul 29 00:50:07 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	671838	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	1204093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	1082090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	340770	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	426600	47.365	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.720%
35) Dibromofluoromethane	8.177	113	415734	50.862	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.720%
50) Toluene-d8	10.576	98	1452928	47.054	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.100%
62) 4-Bromofluorobenzene	12.859	95	480833	50.555	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.120%

Target Compounds				Qvalue		
3) Chloromethane	2.371	50	2964	0.331 ug/l	#	81
5) Bromomethane	2.977	94	3772	Below Cal		100
6) Chloroethane	3.136	64	815	Below Cal		99
13) Acrolein	4.200	56	816	0.597 ug/l	#	81
15) Acrylonitrile	5.742	53	789	0.225 ug/l	#	81
16) Acetone	4.447	43	1178	0.420 ug/l		98
17) Carbon Disulfide	4.712	76	6282	0.306 ug/l	#	92
18) Methyl Acetate	5.047	43	3335	0.281 ug/l		96
20) Methylene Chloride	5.289	84	1385	Below Cal	#	78
25) 2-Butanone	7.500	43	2336	0.529 ug/l	#	37
29) Tetrahydrofuran	7.865	42	1126	0.389 ug/l	#	37
30) Chloroform	7.977	83	15590	1.025 ug/l		90
31) Cyclohexane	8.230	56	13468	1.106 ug/l	#	7
36) 1,1-Dichloropropene	8.230	75	52139	4.418 ug/l	#	48
38) Carbon Tetrachloride	8.235	117	70122	5.467 ug/l	#	16
43) Isopropyl Acetate	8.718	43	33055	2.041 ug/l	#	51
49) 1,4-Dioxane	9.694	88	80	0.489 ug/l	#	1
51) 4-Methyl-2-Pentanone	10.465	43	3547	0.368 ug/l	#	77
59) 2-Hexanone	11.212	43	3961	0.578 ug/l		84
64) Tetrachloroethene	11.106	164	18648	2.292 ug/l	#	84
68) m/p-Xylenes	12.082	106	3148	0.208 ug/l		99
74) N-amyl acetate	12.506	43	2753	0.249 ug/l	#	77
75) 1,1,2,2-Tetrachloroethane	12.941	83	1781	Below Cal	#	91
76) 1,2,3-Trichloropropane	12.853	75	233811	28.386 ug/l	#	1
77) Bromobenzene	12.988	156	1839	Below Cal		85
81) trans-1,4-Dichloro-2-b...	12.853	75	233811	74.593 ug/l	#	15
82) 4-Chlorotoluene	13.229	91	4667	0.223 ug/l		99
84) 1,2,4-Trimethylbenzene	13.500	105	5632	0.229 ug/l		76
85) sec-Butylbenzene	13.623	105	5599	0.206 ug/l		99
86) p-Isopropyltoluene	13.735	119	5015	0.230 ug/l		93
87) 1,3-Dichlorobenzene	13.729	146	3077	0.250 ug/l		91
88) 1,4-Dichlorobenzene	13.729	146	3077	0.249 ug/l		88
89) n-Butylbenzene	14.059	91	5577	0.358 ug/l		95
90) Hexachloroethane	14.347	117	738	Below Cal		86
91) 1,2-Dichlorobenzene	14.117	146	4090	0.334 ug/l		93
92) 1,2-Dibromo-3-Chloropr...	14.717	75	1023	Below Cal		83

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

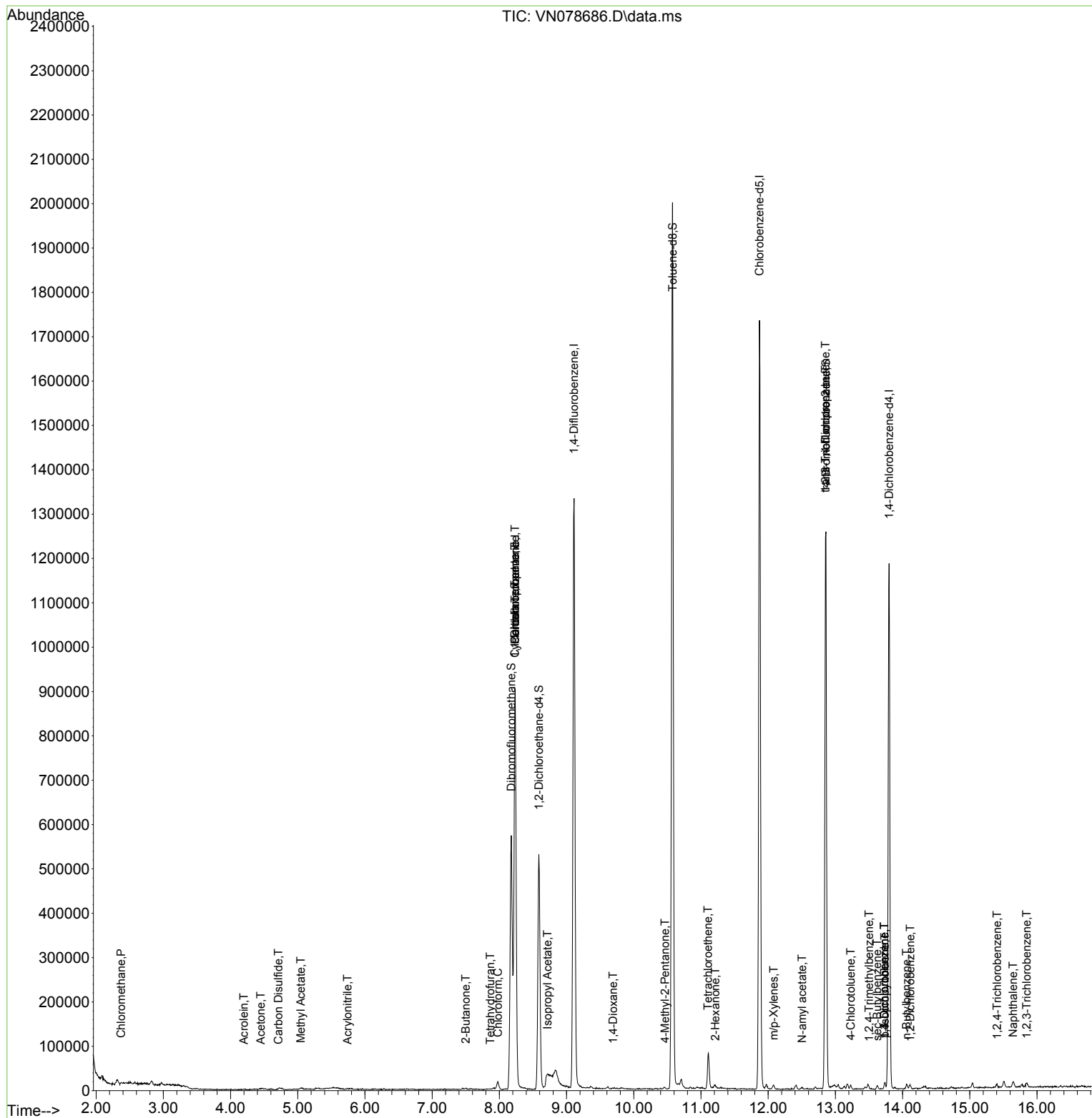
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.406	180	2867	0.734	ug/l	93
94) Hexachlorobutadiene	15.506	225	2708	Below Cal		86
95) Naphthalene	15.647	128	11765	0.881	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.847	180	3746	0.834	ug/l	90

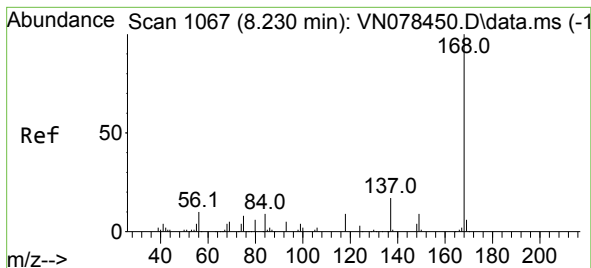
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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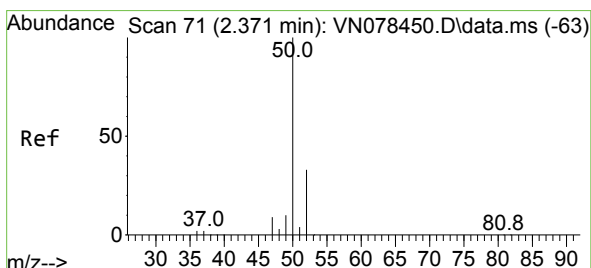
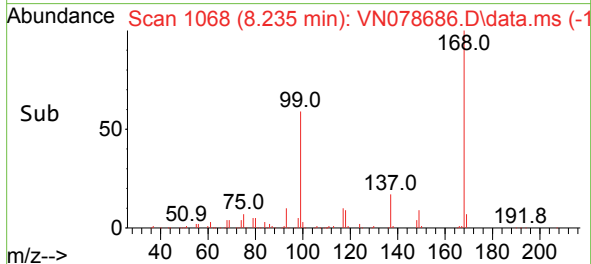
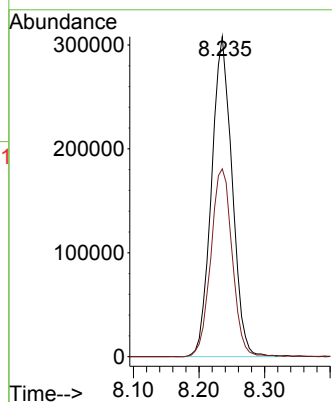
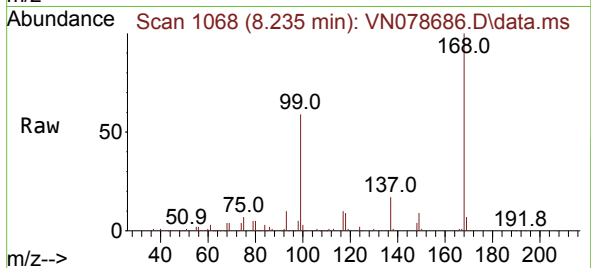




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.005 min
Lab File: VN078686.D
Acq: 28 Jul 2023 15:39

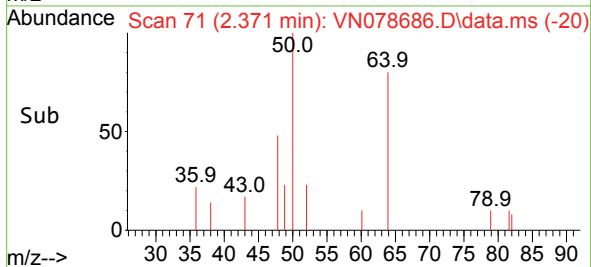
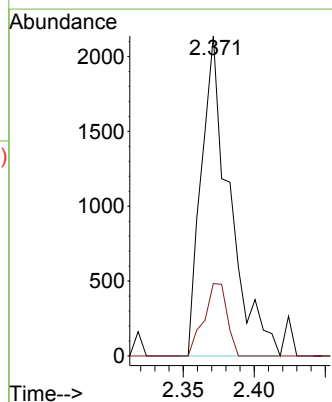
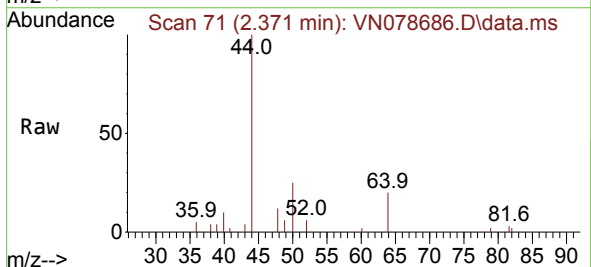
Instrument :
MSVOA_N
ClientSampleId :
MW-19-20230727

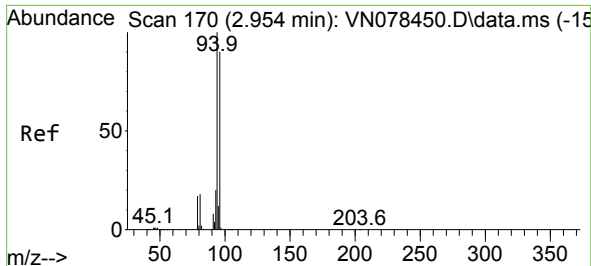
Tgt Ion:168 Resp: 671838
Ion Ratio Lower Upper
168 100
99 58.7 53.0 79.6



#3
Chloromethane
Concen: 0.331 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078686.D
Acq: 28 Jul 2023 15:39

Tgt Ion: 50 Resp: 2964
Ion Ratio Lower Upper
50 100
52 22.6 26.5 39.7#





#5

Bromomethane

Concen: Below Cal

RT: 2.977 min Scan# 11

Delta R.T. 0.023 min

Lab File: VN078686.D

Acq: 28 Jul 2023 15:39

Instrument :

MSVOA_N

ClientSampleId :

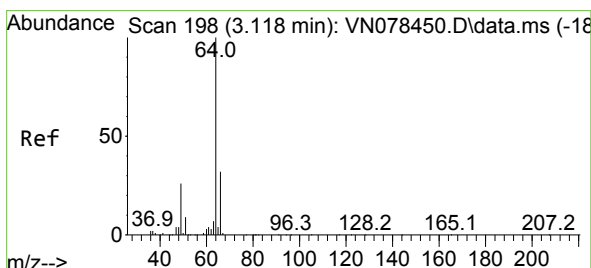
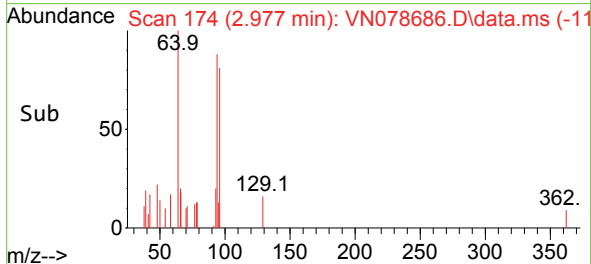
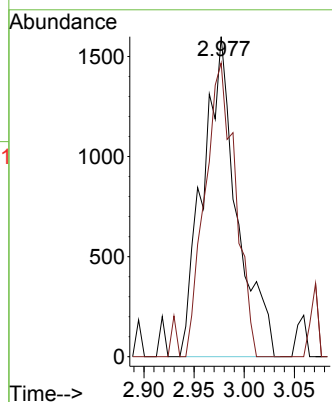
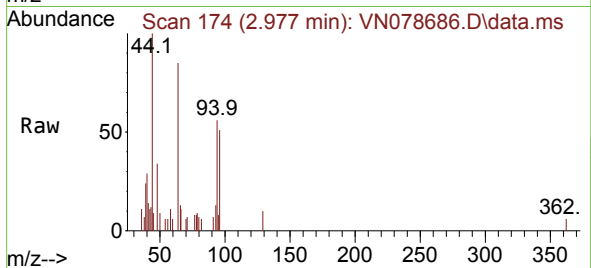
MW-19-20230727

Tgt Ion: 94 Resp: 3772

Ion Ratio Lower Upper

94 100

96 91.8 73.1 109.7



#6

Chloroethane

Concen: Below Cal

RT: 3.136 min Scan# 201

Delta R.T. 0.018 min

Lab File: VN078686.D

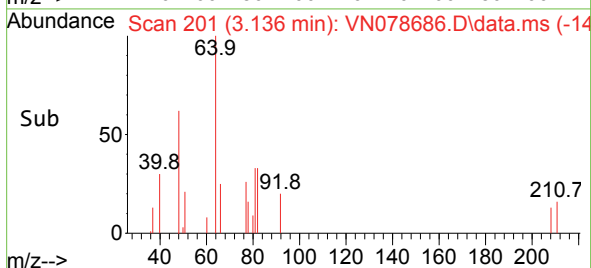
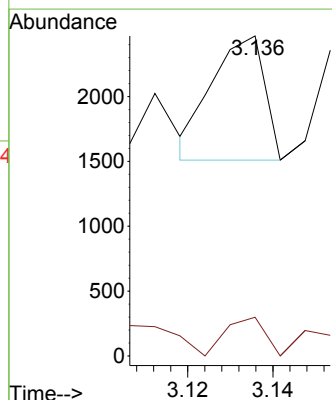
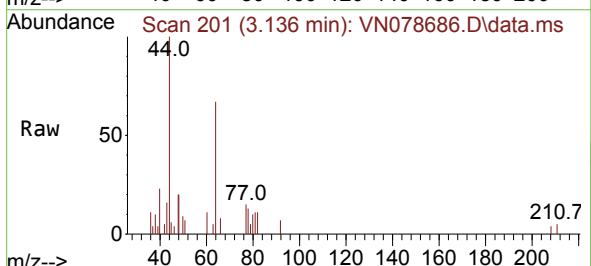
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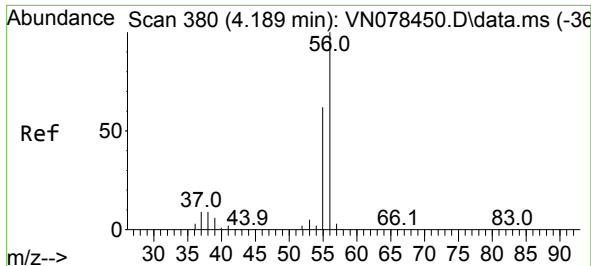
Tgt Ion: 64 Resp: 815

Ion Ratio Lower Upper

64 100

66 31.2 25.4 38.2

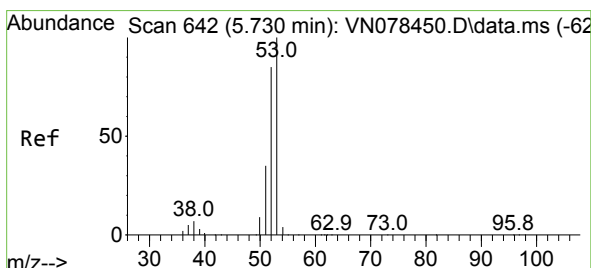
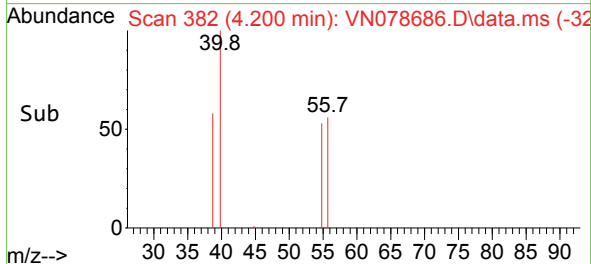
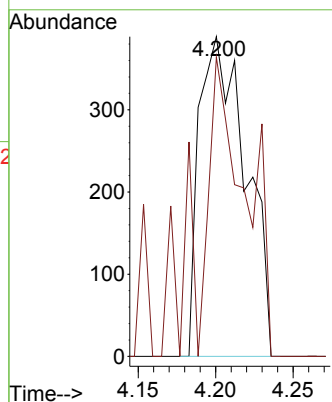
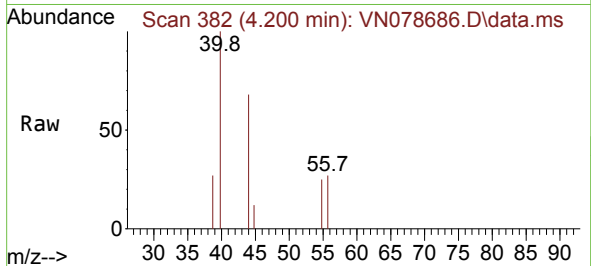




#13
Acrolein
Concen: 0.597 ug/l
RT: 4.200 min Scan# 382
Delta R.T. 0.011 min
Lab File: VN078686.D
Acq: 28 Jul 2023 15:39

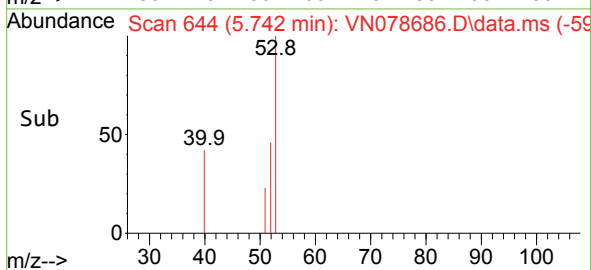
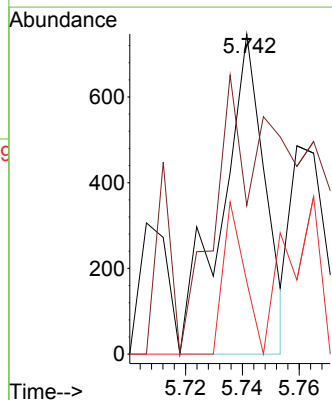
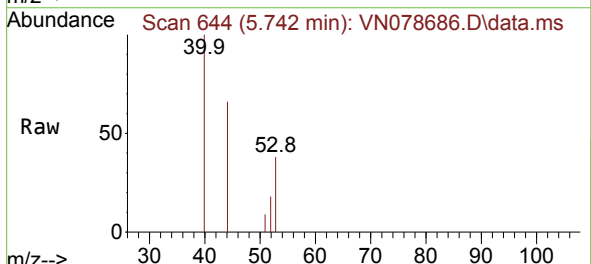
Instrument :
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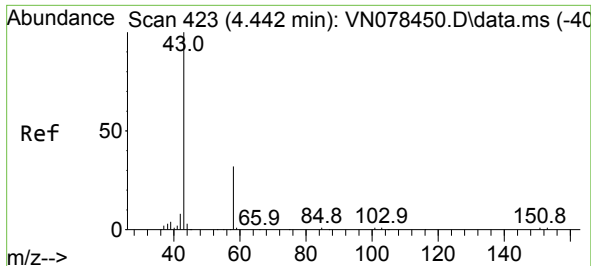
Tgt Ion: 56 Resp: 816
Ion Ratio Lower Upper
56 100
55 83.8 54.5 81.7#



#15
Acrylonitrile
Concen: 0.225 ug/l
RT: 5.742 min Scan# 644
Delta R.T. 0.012 min
Lab File: VN078686.D
Acq: 28 Jul 2023 15:39

Tgt Ion: 53 Resp: 789
Ion Ratio Lower Upper
53 100
52 66.2 65.3 97.9
51 23.4 28.9 43.3#

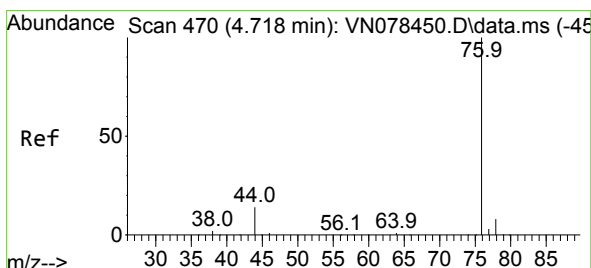
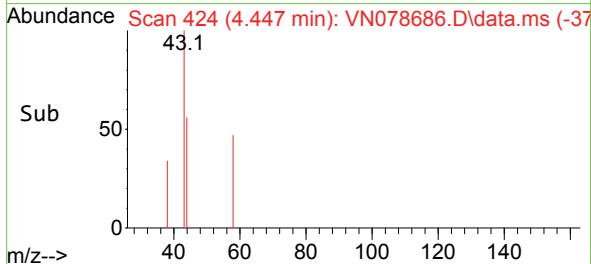
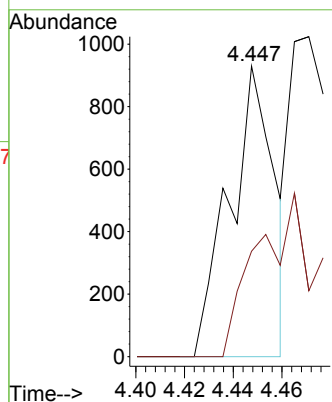
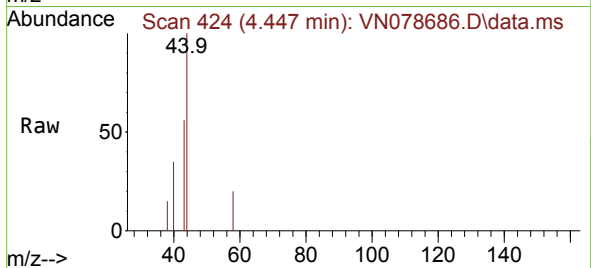




#16
Acetone
Concen: 0.420 ug/l
RT: 4.447 min Scan# 41
Delta R.T. 0.005 min
Lab File: VN078686.D
Acq: 28 Jul 2023 15:39

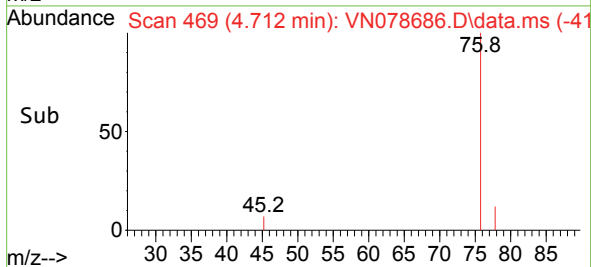
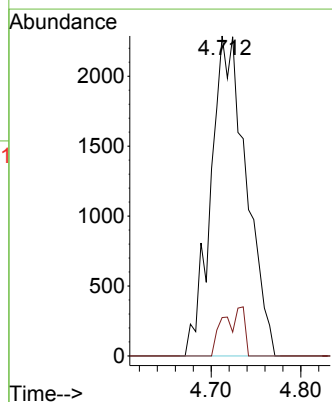
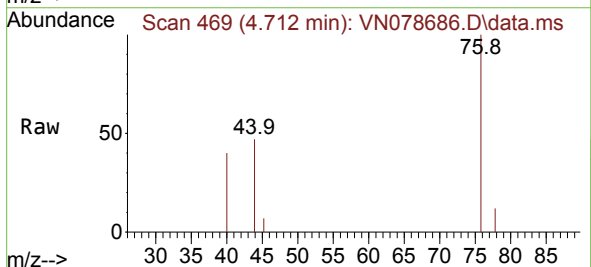
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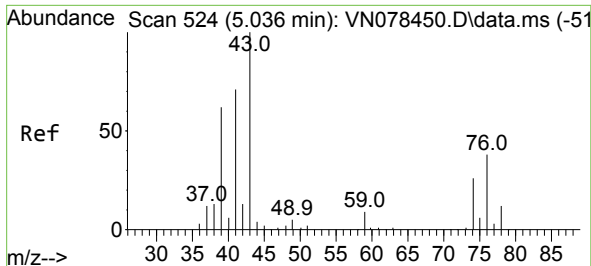
Tgt Ion: 43 Resp: 1178
Ion Ratio Lower Upper
43 100
58 36.2 28.0 42.0



#17
Carbon Disulfide
Concen: 0.306 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.006 min
Lab File: VN078686.D
Acq: 28 Jul 2023 15:39

Tgt Ion: 76 Resp: 6282
Ion Ratio Lower Upper
76 100
78 12.0 7.4 11.0#

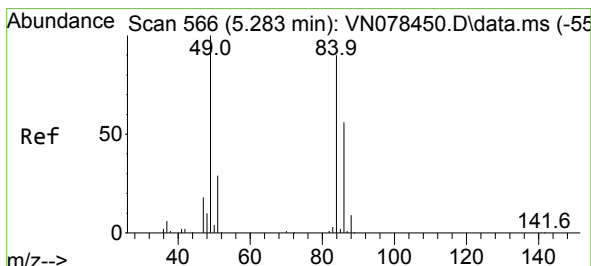
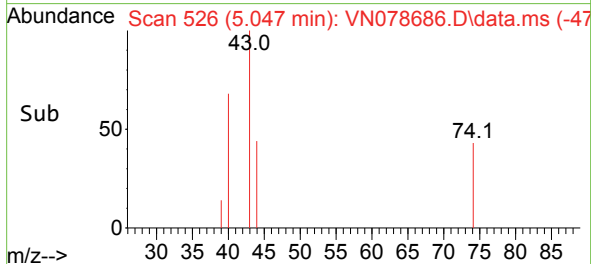
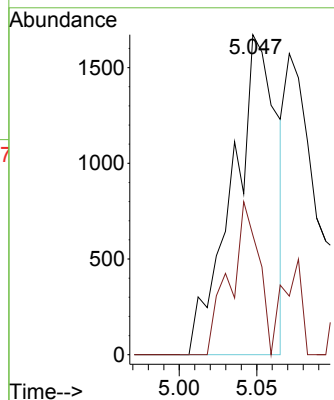
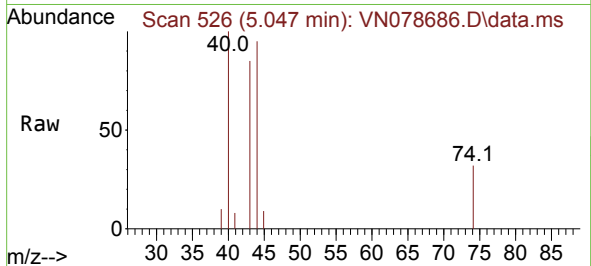




#18
Methyl Acetate
Concen: 0.281 ug/l
RT: 5.047 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN078686.D
Acq: 28 Jul 2023 15:39

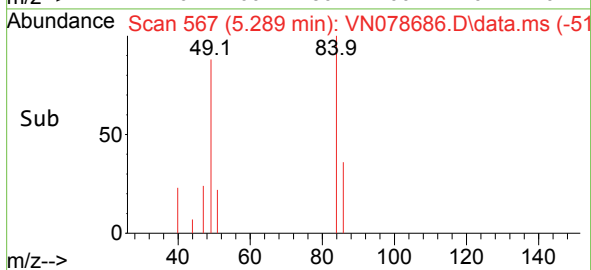
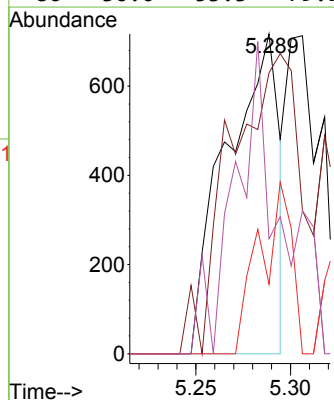
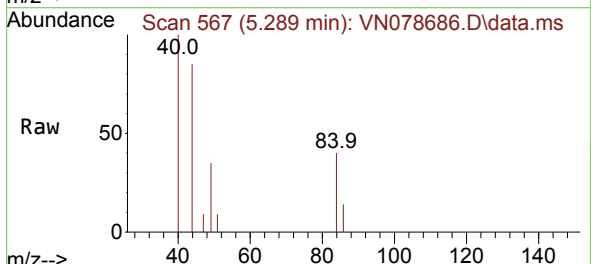
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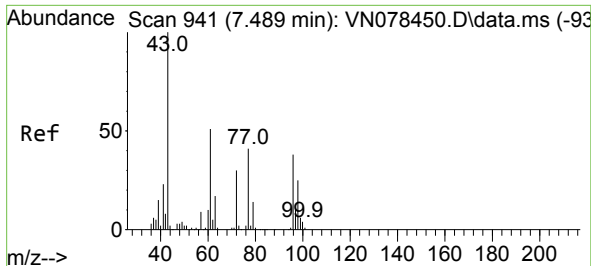
Tgt Ion: 43 Resp: 3335
Ion Ratio Lower Upper
43 100
74 30.8 26.2 39.4



#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078686.D
Acq: 28 Jul 2023 15:39

Tgt Ion: 84 Resp: 1385
Ion Ratio Lower Upper
84 100
49 87.9 79.7 119.5
51 21.8 25.2 37.8#
86 36.0 53.3 79.9#

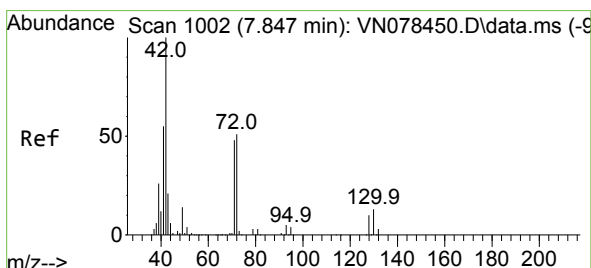
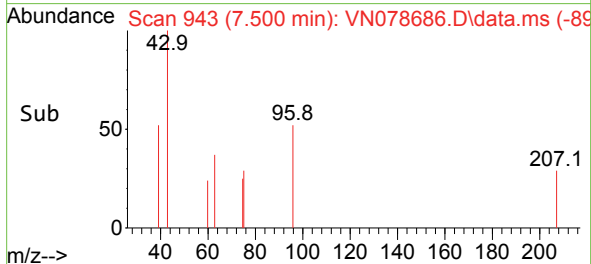
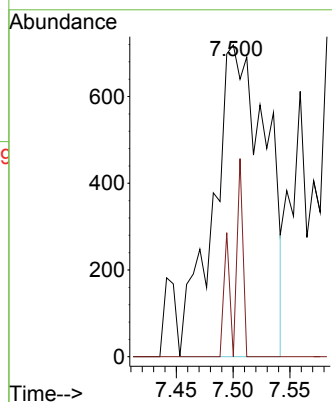
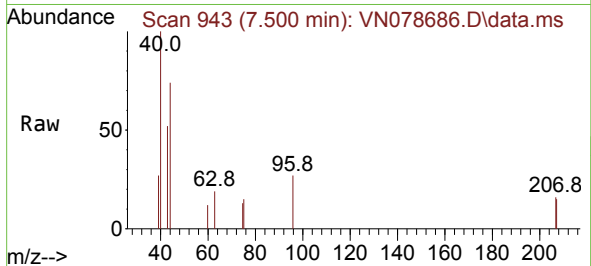




#25
2-Butanone
Concen: 0.529 ug/l
RT: 7.500 min Scan# 941
Delta R.T. 0.011 min
Lab File: VN078686.D
Acq: 28 Jul 2023 15:39

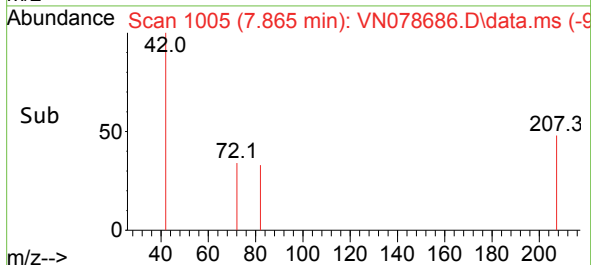
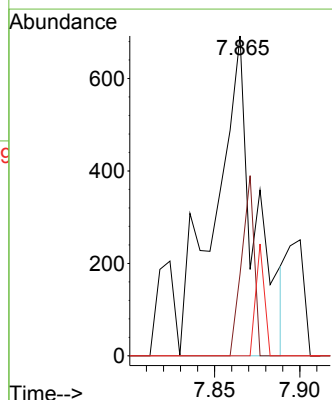
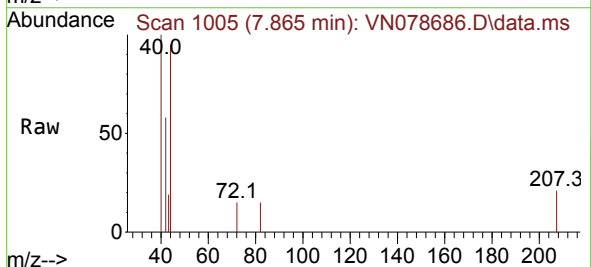
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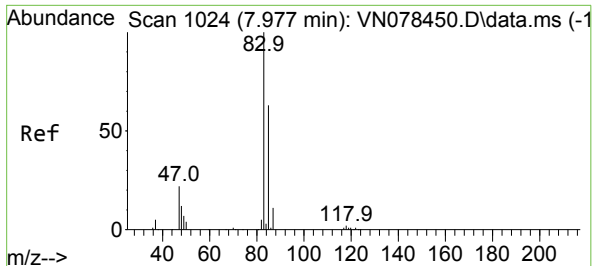
Tgt Ion: 43 Resp: 2336
Ion Ratio Lower Upper
43 100
72 0.0 30.2 45.2#



#29
Tetrahydrofuran
Concen: 0.389 ug/l
RT: 7.865 min Scan# 1005
Delta R.T. 0.018 min
Lab File: VN078686.D
Acq: 28 Jul 2023 15:39

Tgt Ion: 42 Resp: 1126
Ion Ratio Lower Upper
42 100
72 17.8 49.8 74.6#
71 7.5 47.4 71.2#

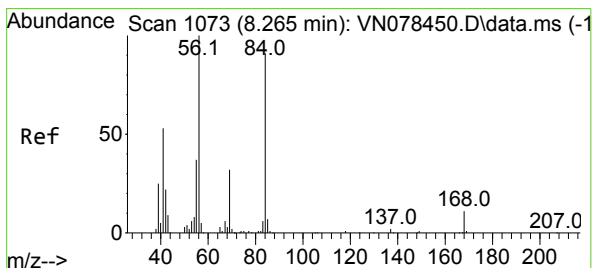
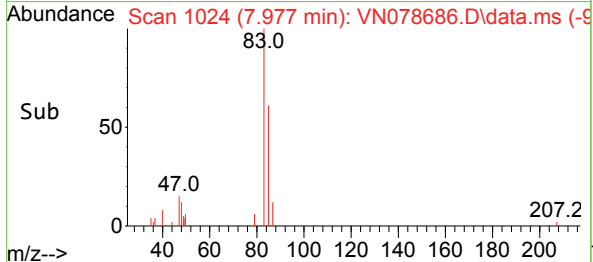
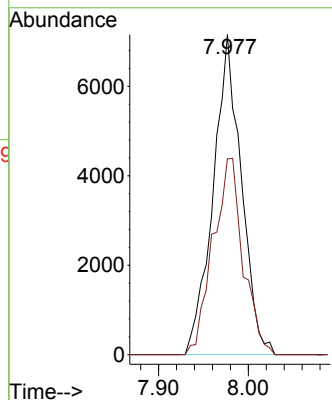
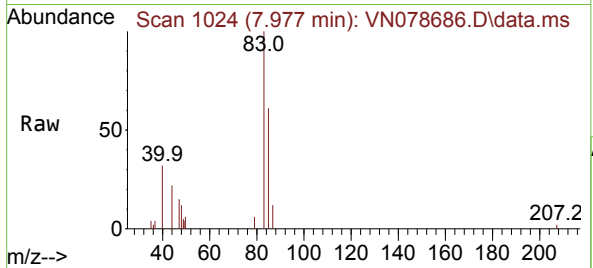




#30
Chloroform
Concen: 1.025 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN078686.D
Acq: 28 Jul 2023 15:39

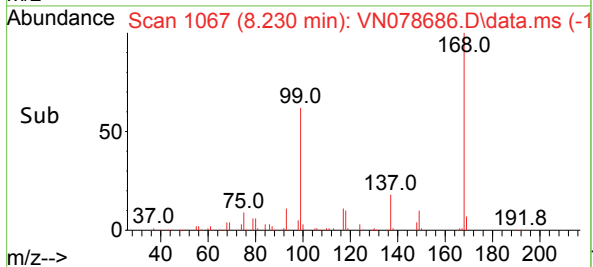
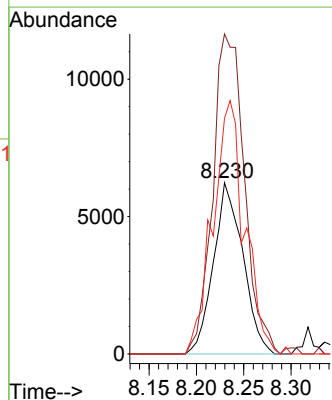
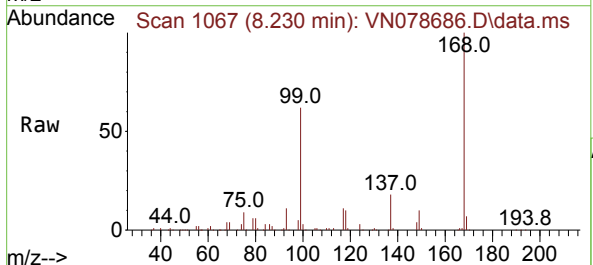
Instrument :
MSVOA_N
ClientSampleId :
MW-19-20230727

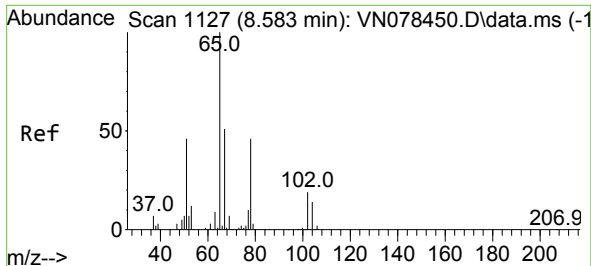
Tgt Ion: 83 Resp: 15590
Ion Ratio Lower Upper
83 100
85 61.2 55.4 83.0



#31
Cyclohexane
Concen: 1.106 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN078686.D
Acq: 28 Jul 2023 15:39

Tgt Ion: 56 Resp: 13468
Ion Ratio Lower Upper
56 100
69 186.9 26.8 40.2#
84 137.6 81.8 122.6#





#33

1,2-Dichloroethane-d4

Concen: 47.365 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078686.D

Acq: 28 Jul 2023 15:39

Instrument :

MSVOA_N

ClientSampleId :

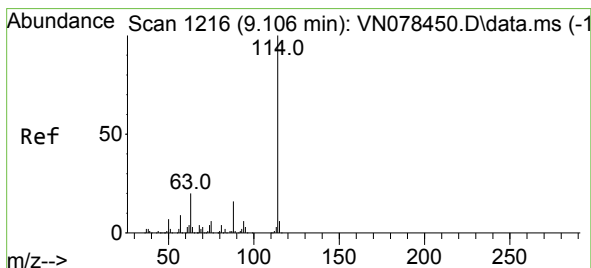
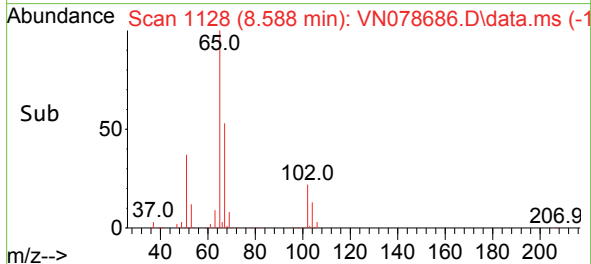
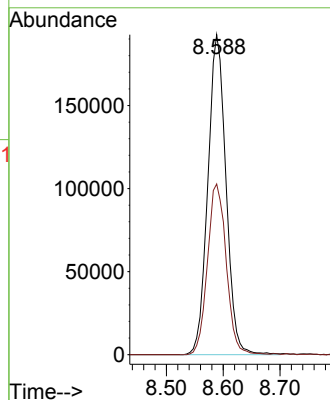
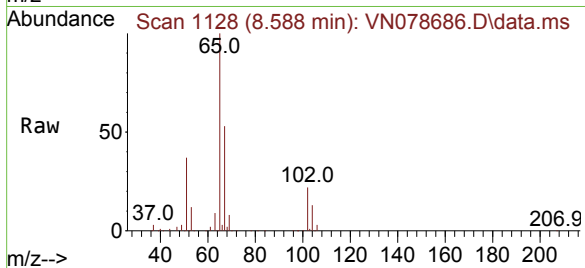
MW-19-20230727

Tgt Ion: 65 Resp: 426600

Ion Ratio Lower Upper

65 100

67 55.2 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078686.D

Acq: 28 Jul 2023 15:39

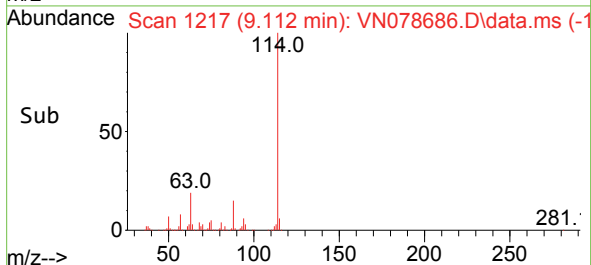
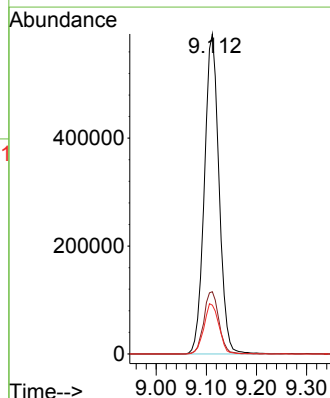
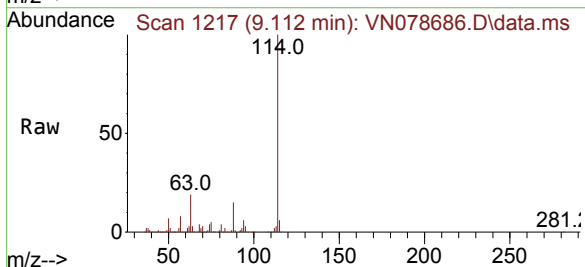
Tgt Ion: 114 Resp: 1204093

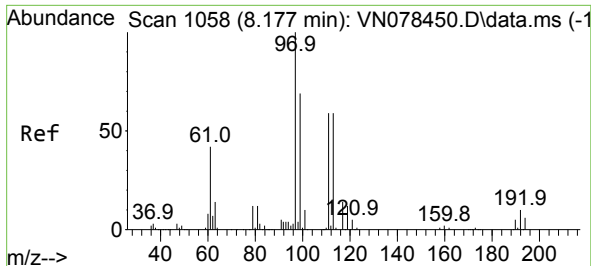
Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.4

88 15.3 0.0 30.6

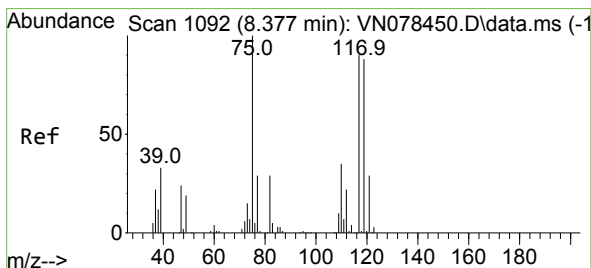
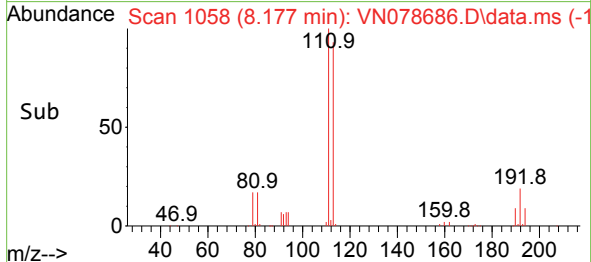
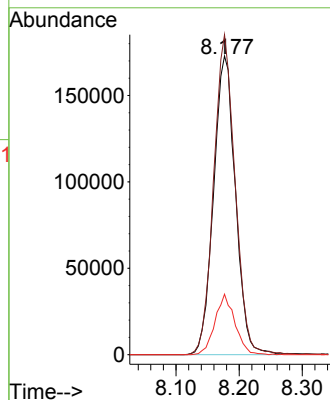
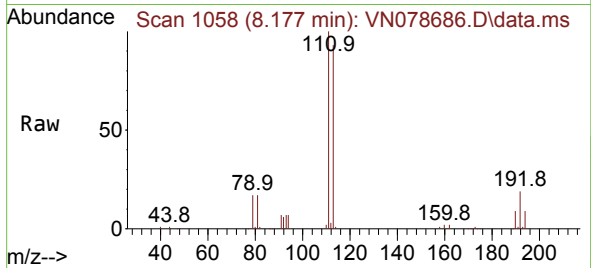




#35
Dibromofluoromethane
Concen: 50.862 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078686.D
Acq: 28 Jul 2023 15:39

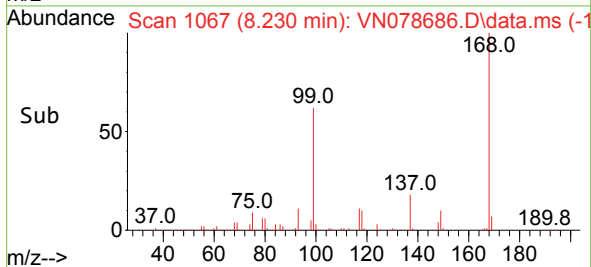
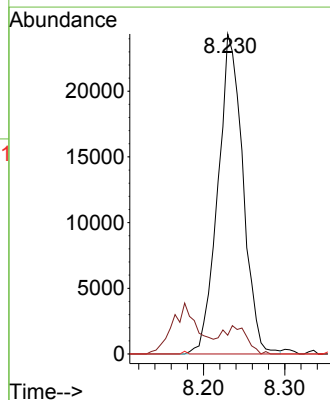
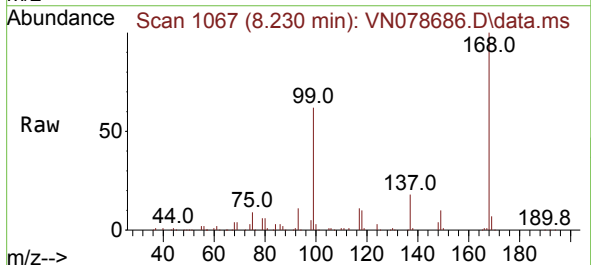
Instrument :
MSVOA_N
ClientSampleId :
MW-19-20230727

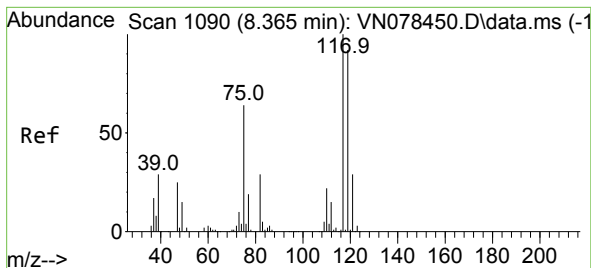
Tgt Ion:113 Resp: 415734
Ion Ratio Lower Upper
113 100
111 105.1 82.6 123.8
192 18.5 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.418 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN078686.D
Acq: 28 Jul 2023 15:39

Tgt Ion: 75 Resp: 52139
Ion Ratio Lower Upper
75 100
110 8.8 19.1 57.3#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.467 ug/l

RT: 8.235 min Scan# 110

Delta R.T. -0.130 min

Lab File: VN078686.D

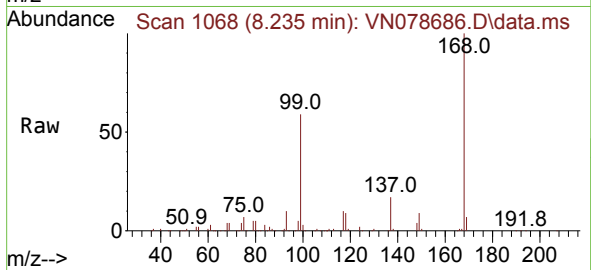
Acq: 28 Jul 2023 15:39

Instrument :

MSVOA_N

ClientSampleId :

MW-19-20230727



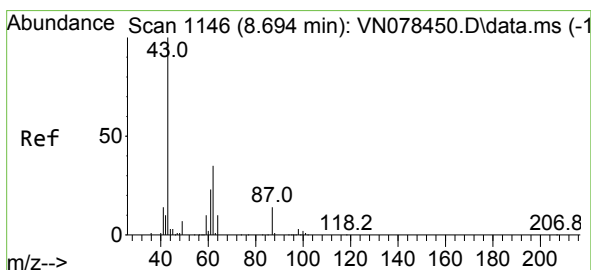
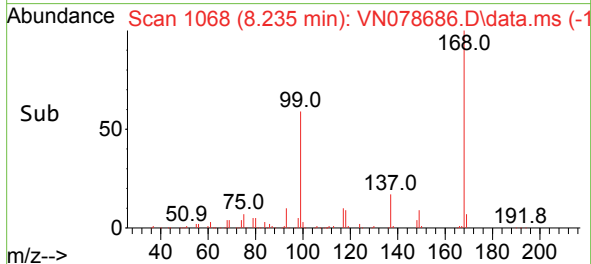
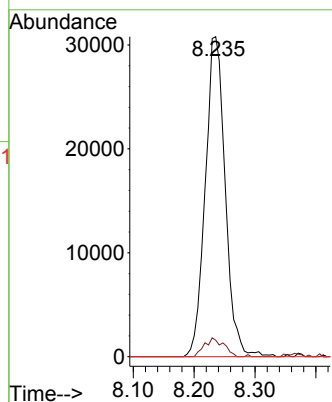
Tgt Ion:117 Resp: 70122

Ion Ratio Lower Upper

117 100

119 5.1 77.3 115.9#

121 0.0 23.3 34.9#



#43

Isopropyl Acetate

Concen: 2.041 ug/l

RT: 8.718 min Scan# 1150

Delta R.T. 0.024 min

Lab File: VN078686.D

Acq: 28 Jul 2023 15:39

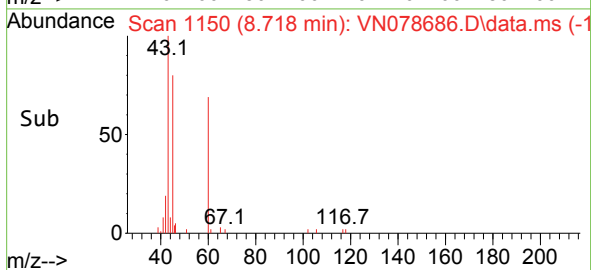
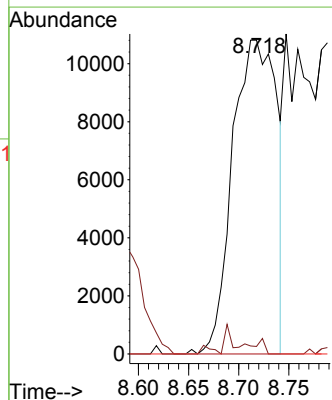
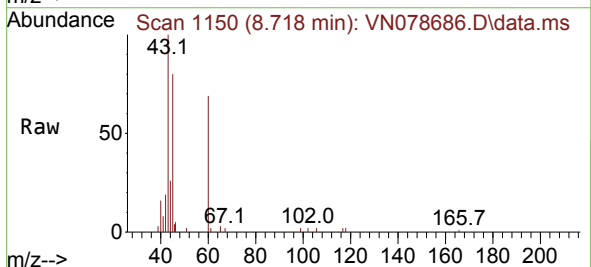
Tgt Ion: 43 Resp: 33055

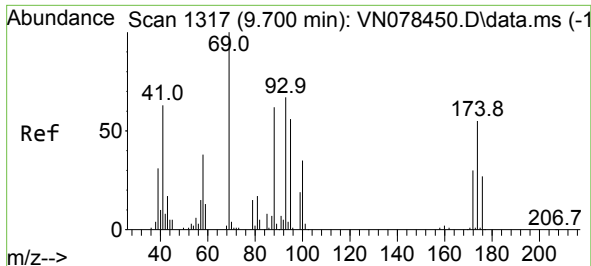
Ion Ratio Lower Upper

43 100

61 1.5 24.7 37.1#

87 0.0 14.6 21.8#





#49

1,4-Dioxane

Concen: 0.489 ug/l

RT: 9.694 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN078686.D

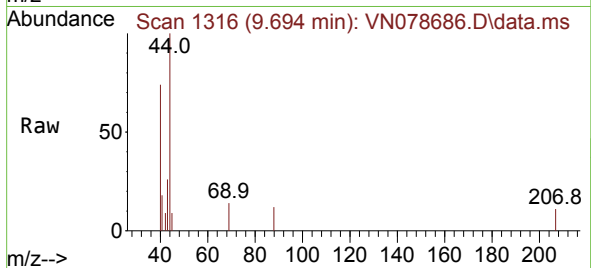
Acq: 28 Jul 2023 15:39

Instrument :

MSVOA_N

ClientSampleId :

MW-19-20230727



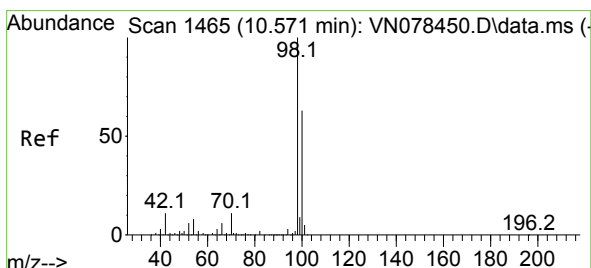
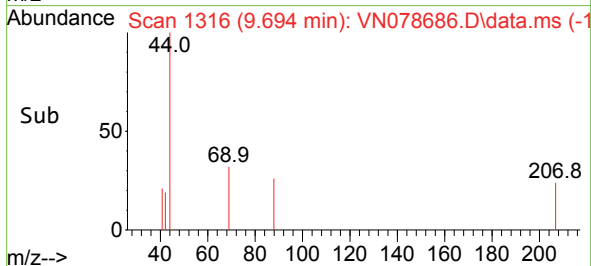
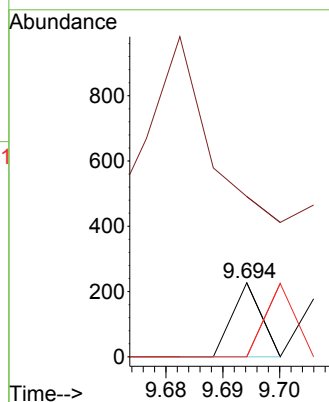
Tgt Ion: 88 Resp: 80

Ion Ratio Lower Upper

88 100

43 2013.8 17.0 25.6#

58 98.8 47.0 70.4#



#50

Toluene-d8

Concen: 47.054 ug/l

RT: 10.576 min Scan# 1466

Delta R.T. 0.005 min

Lab File: VN078686.D

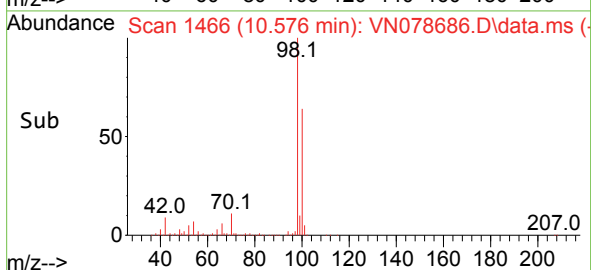
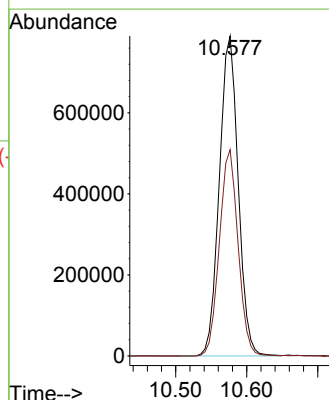
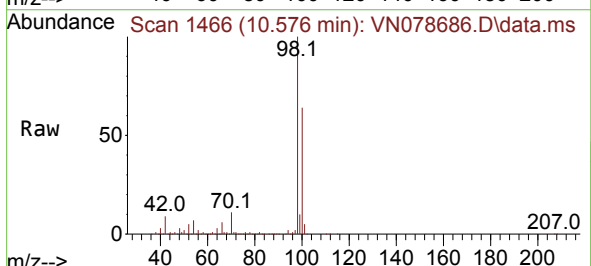
Acq: 28 Jul 2023 15:39

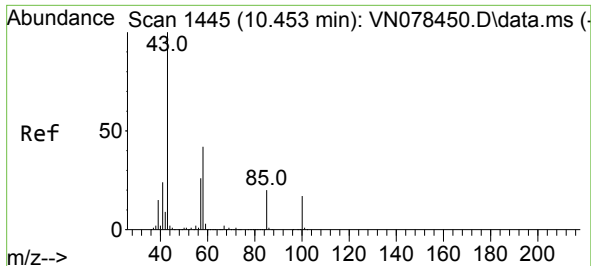
Tgt Ion: 98 Resp: 1452928

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0

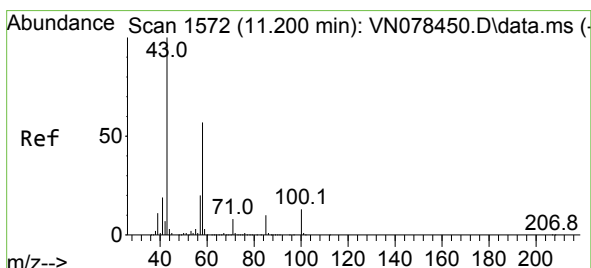
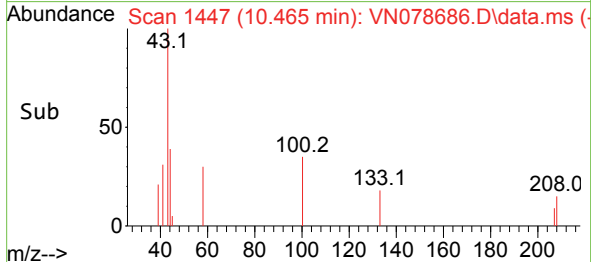
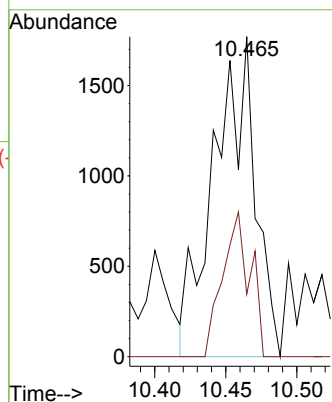
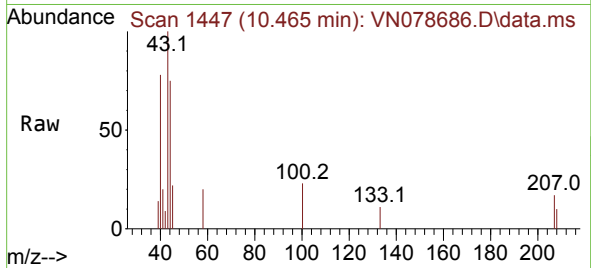




#51
4-Methyl-2-Pentanone
Concen: 0.368 ug/l
RT: 10.465 min Scan# 1447
Delta R.T. 0.012 min
Lab File: VN078686.D
Acq: 28 Jul 2023 15:39

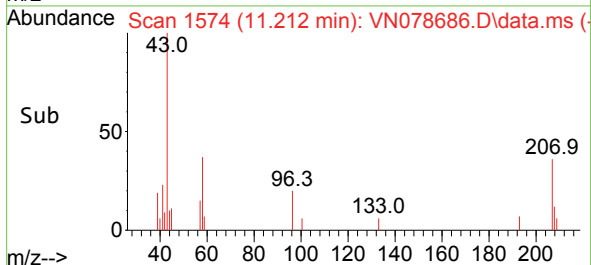
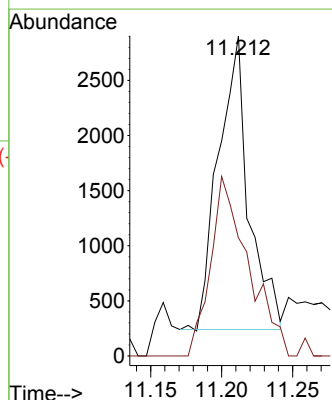
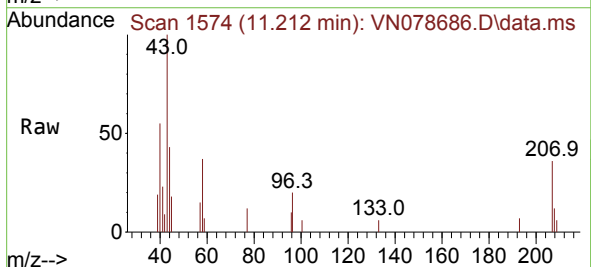
Instrument :
MSVOA_N
ClientSampleId :
MW-19-20230727

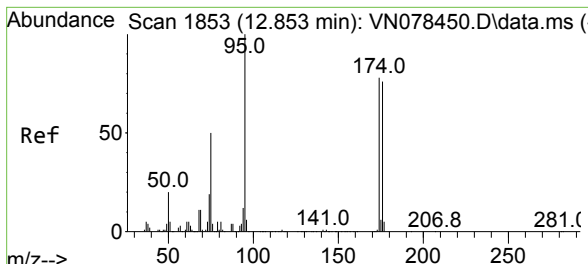
Tgt Ion: 43 Resp: 3547
Ion Ratio Lower Upper
43 100
58 30.3 36.6 54.8#



#59
2-Hexanone
Concen: 0.578 ug/l
RT: 11.212 min Scan# 1574
Delta R.T. 0.012 min
Lab File: VN078686.D
Acq: 28 Jul 2023 15:39

Tgt Ion: 43 Resp: 3961
Ion Ratio Lower Upper
43 100
58 75.9 31.7 95.1

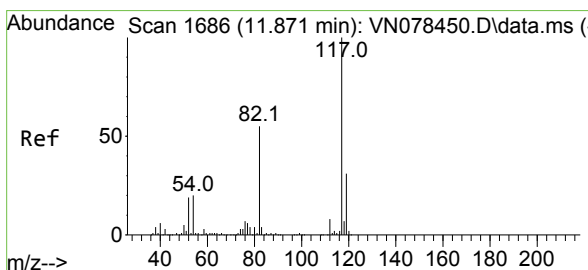
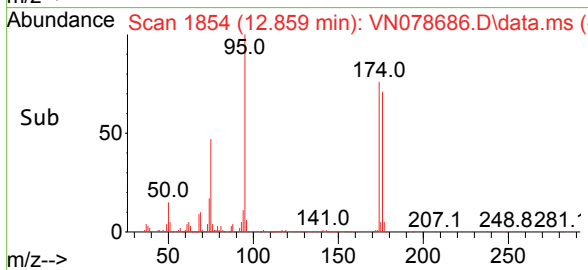
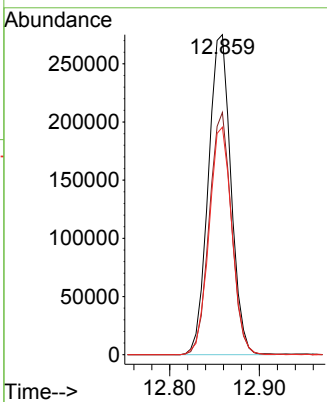
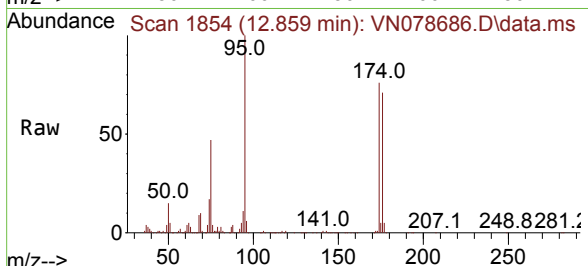




#62
 4-Bromofluorobenzene
 Concen: 50.555 ug/l
 RT: 12.859 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VN078686.D
 Acq: 28 Jul 2023 15:39

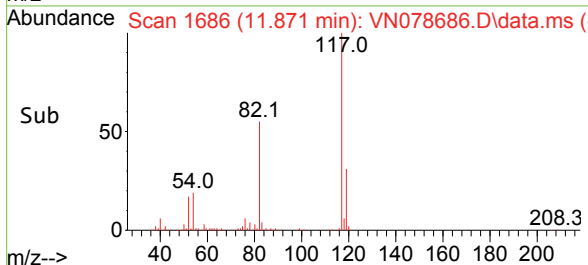
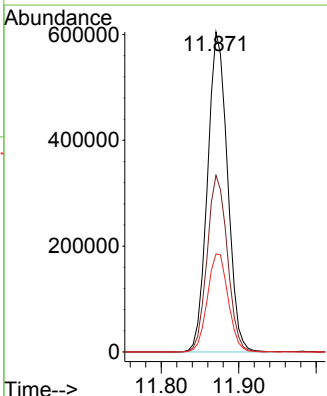
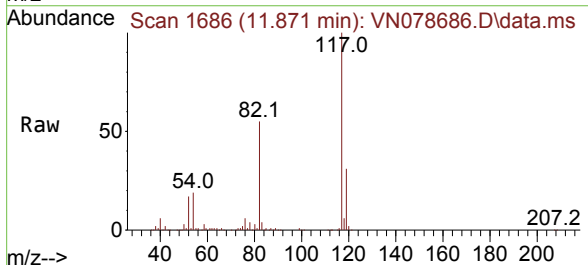
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-19-20230727

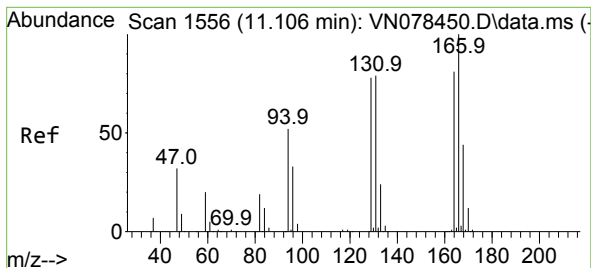
Tgt Ion:	95	Resp:	480833
Ion Ratio	Lower	Upper	
95	100		
174	74.4	0.0	143.8
176	71.9	0.0	135.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.871 min Scan# 1686
 Delta R.T. -0.000 min
 Lab File: VN078686.D
 Acq: 28 Jul 2023 15:39

Tgt Ion:	117	Resp:	1082090
Ion Ratio	Lower	Upper	
117	100		
82	55.2	44.0	66.0
119	30.7	25.6	38.4





#64

Tetrachloroethene

Concen: 2.292 ug/l

RT: 11.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078686.D

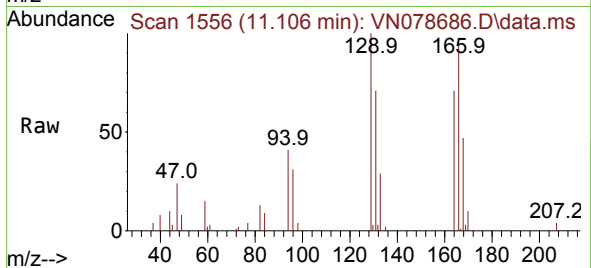
Acq: 28 Jul 2023 15:39

Instrument :

MSVOA_N

ClientSampleId :

MW-19-20230727



Tgt Ion:164 Resp: 18648

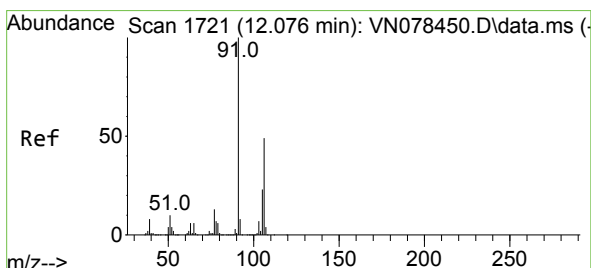
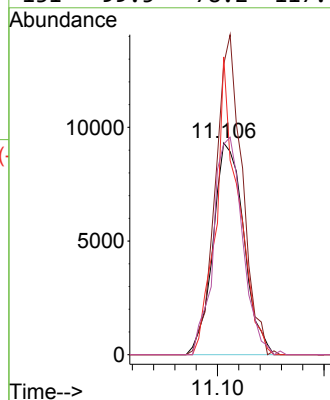
Ion Ratio Lower Upper

164 100

166 137.1 101.4 152.0

129 140.7 82.4 123.6#

131 99.5 78.2 117.4



#68

m/p-Xylenes

Concen: 0.208 ug/l

RT: 12.082 min Scan# 1722

Delta R.T. 0.006 min

Lab File: VN078686.D

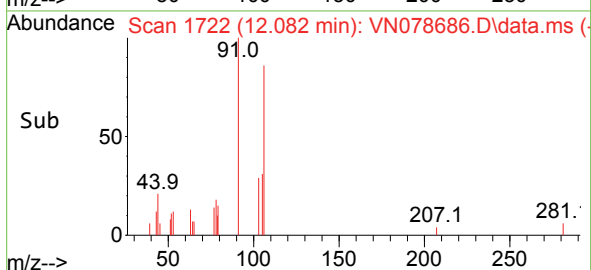
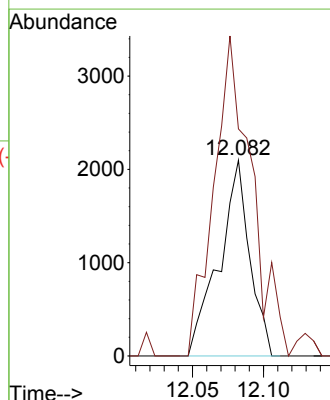
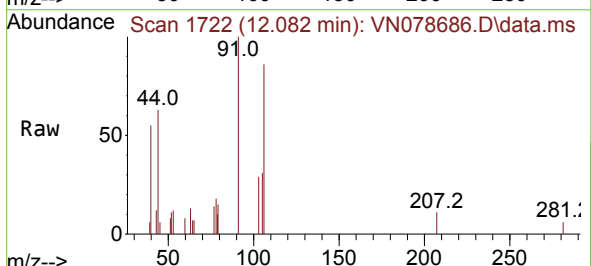
Acq: 28 Jul 2023 15:39

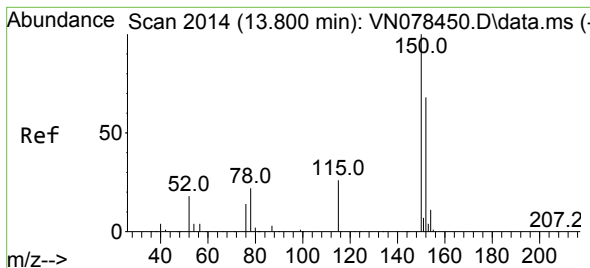
Tgt Ion:106 Resp: 3148

Ion Ratio Lower Upper

106 100

91 201.1 159.6 239.4

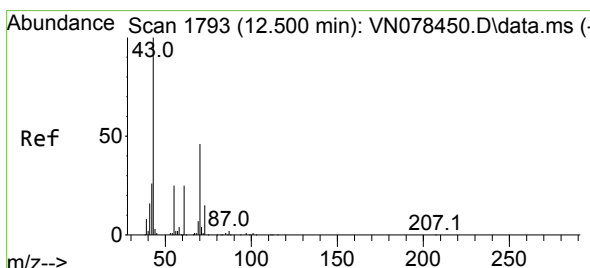
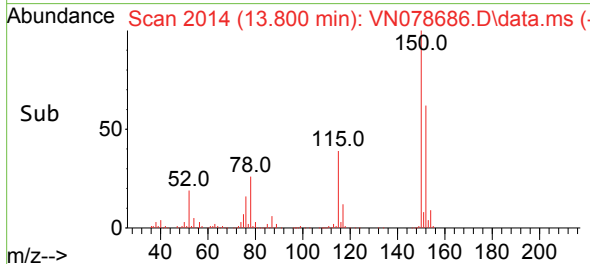
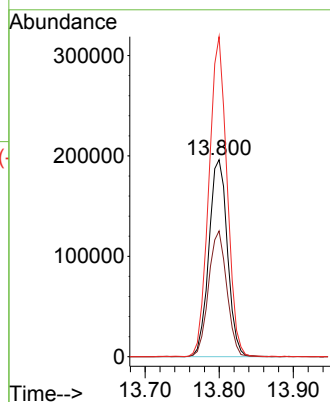
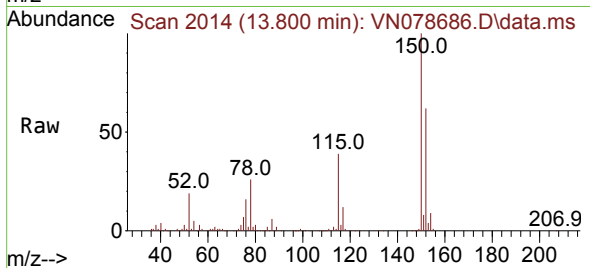




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 2014
 Delta R.T. -0.000 min
 Lab File: VN078686.D
 Acq: 28 Jul 2023 15:39

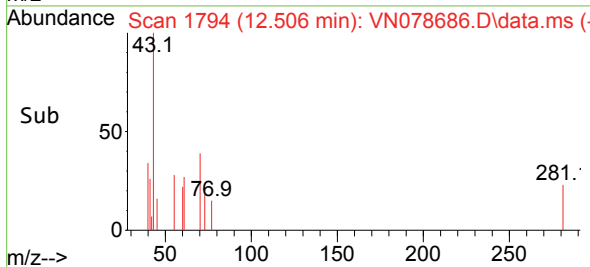
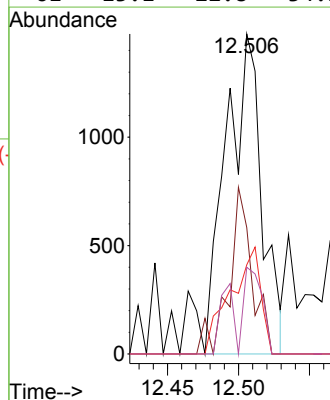
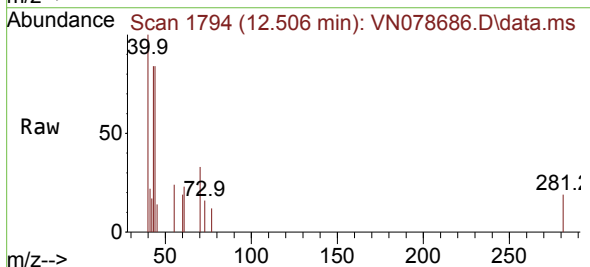
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-19-20230727

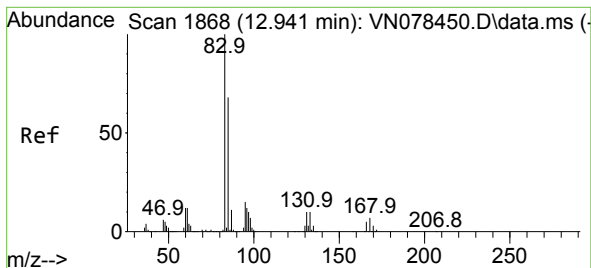
Tgt Ion:152 Resp: 340770
 Ion Ratio Lower Upper
 152 100
 115 63.0 32.3 96.8
 150 158.5 0.0 355.8



#74
 N-ethyl acetate
 Concen: 0.249 ug/l
 RT: 12.506 min Scan# 1794
 Delta R.T. 0.006 min
 Lab File: VN078686.D
 Acq: 28 Jul 2023 15:39

Tgt Ion: 43 Resp: 2753
 Ion Ratio Lower Upper
 43 100
 70 31.4 43.4 65.2#
 55 26.6 21.4 32.0
 61 13.1 22.8 34.2#

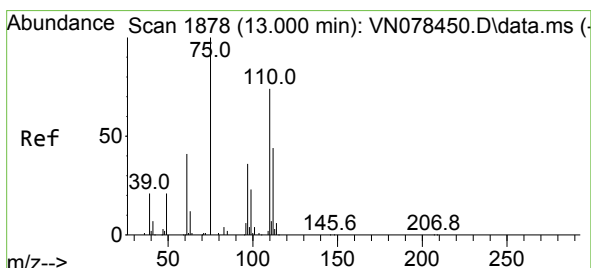
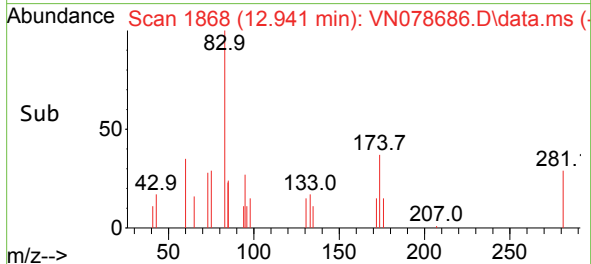
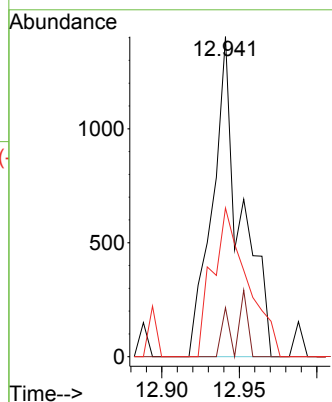
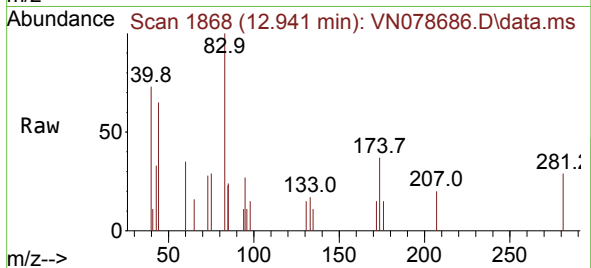




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078686.D
Acq: 28 Jul 2023 15:39

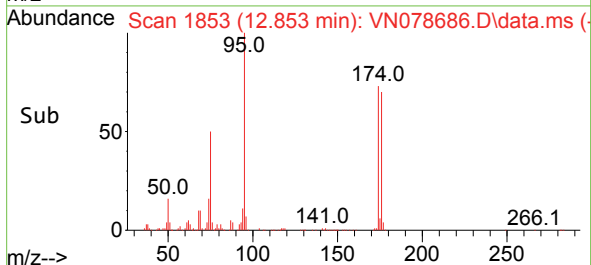
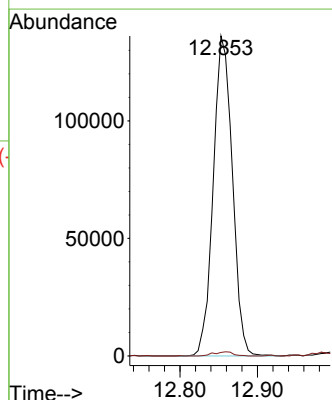
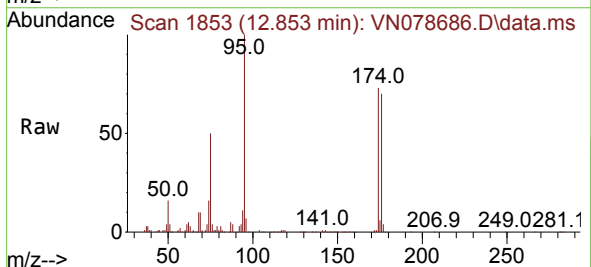
Instrument :
MSVOA_N
ClientSampleId :
MW-19-20230727

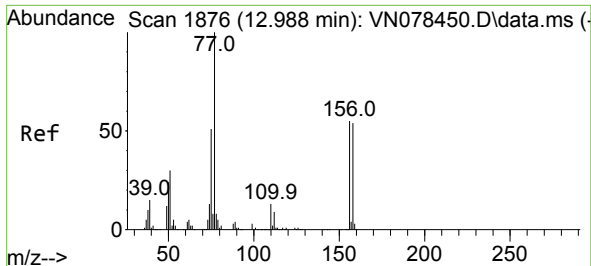
Tgt Ion: 83 Resp: 1781
Ion Ratio Lower Upper
83 100
131 4.3 5.0 15.0#
85 57.3 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 28.386 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN078686.D
Acq: 28 Jul 2023 15:39

Tgt Ion: 75 Resp: 233811
Ion Ratio Lower Upper
75 100
77 1.3 84.5 253.5#

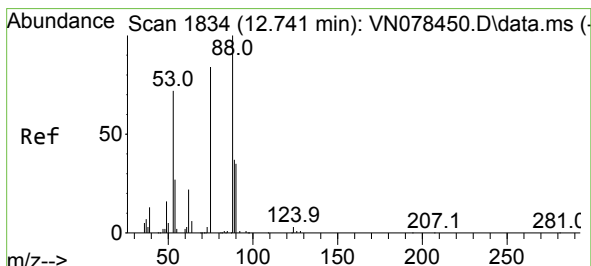
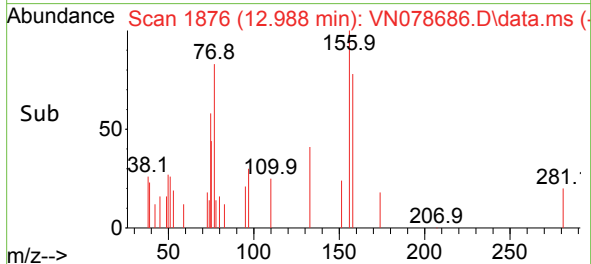
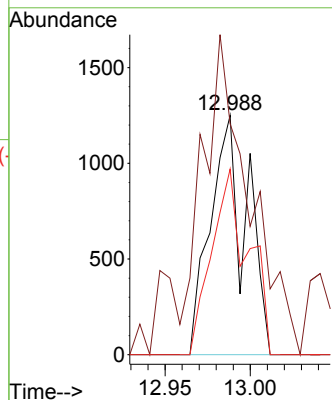
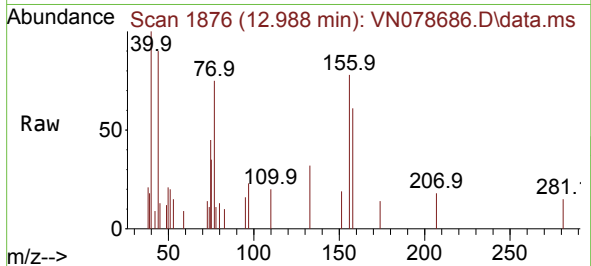




#77
Bromobenzene
Concen: Below Cal
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078686.D
Acq: 28 Jul 2023 15:39

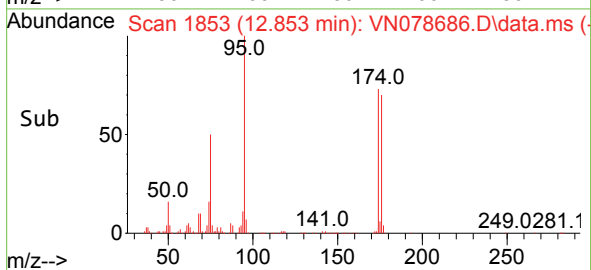
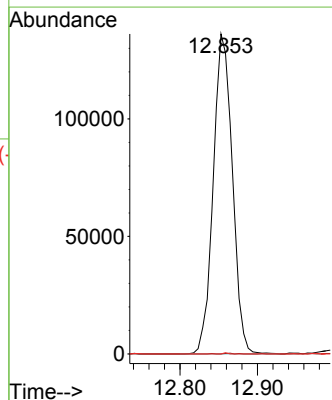
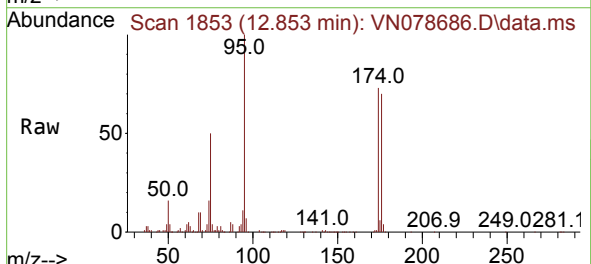
Instrument :
MSVOA_N
ClientSampleId :
MW-19-20230727

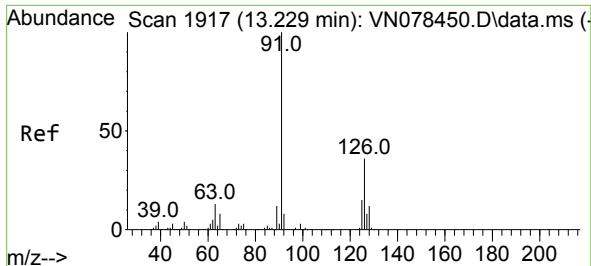
Tgt Ion:156 Resp: 1839
Ion Ratio Lower Upper
156 100
77 193.7 107.7 323.3
158 78.6 48.4 145.3



#81
trans-1,4-Dichloro-2-butene
Concen: 74.593 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN078686.D
Acq: 28 Jul 2023 15:39

Tgt Ion: 75 Resp: 233811
Ion Ratio Lower Upper
75 100
53 0.1 67.4 101.2#
89 0.1 38.8 58.2#

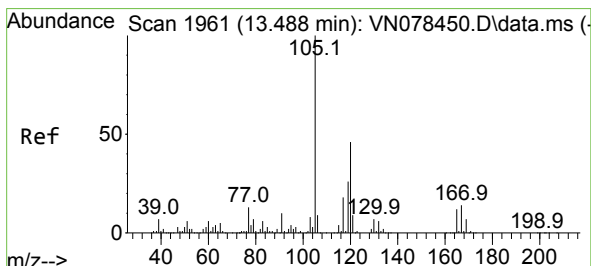
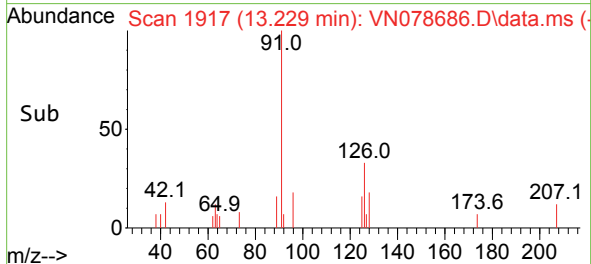
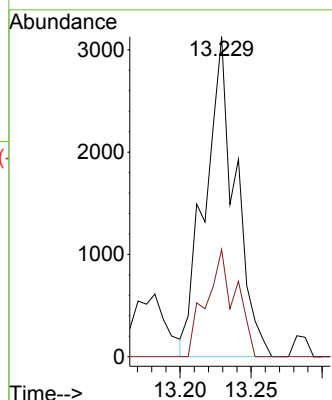
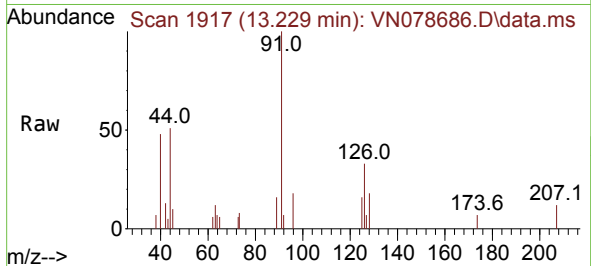




#82
4-Chlorotoluene
Concen: 0.223 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078686.D
Acq: 28 Jul 2023 15:39

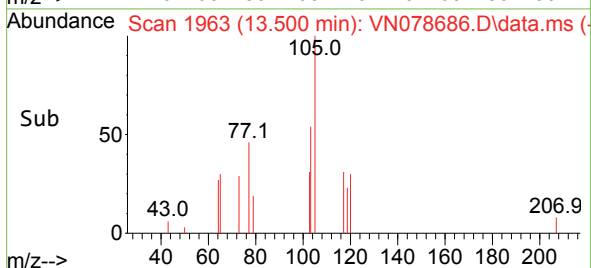
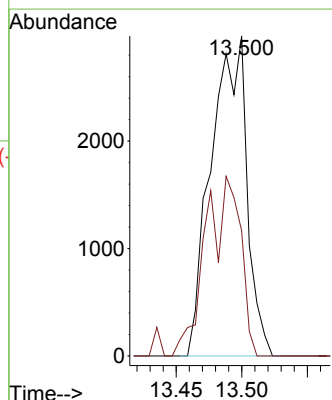
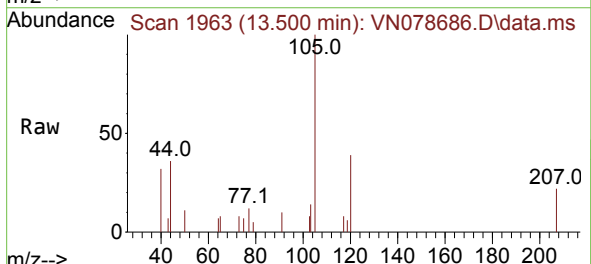
Instrument :
MSVOA_N
ClientSampleId :
MW-19-20230727

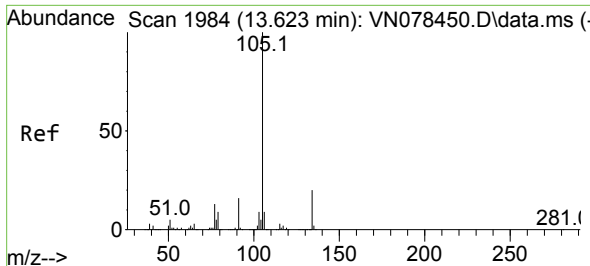
Tgt Ion: 91 Resp: 4667
Ion Ratio Lower Upper
91 100
126 32.5 16.7 50.0



#84
1,2,4-Trimethylbenzene
Concen: 0.229 ug/l
RT: 13.500 min Scan# 1963
Delta R.T. 0.012 min
Lab File: VN078686.D
Acq: 28 Jul 2023 15:39

Tgt Ion: 105 Resp: 5632
Ion Ratio Lower Upper
105 100
120 28.5 22.0 66.0

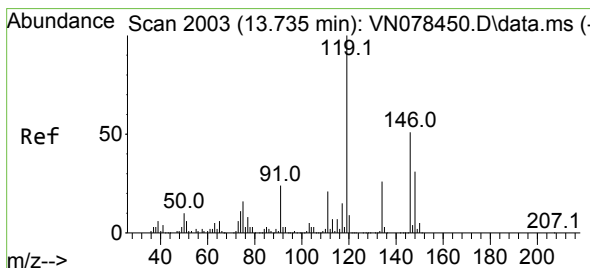
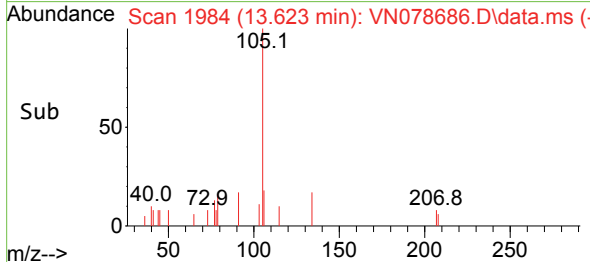
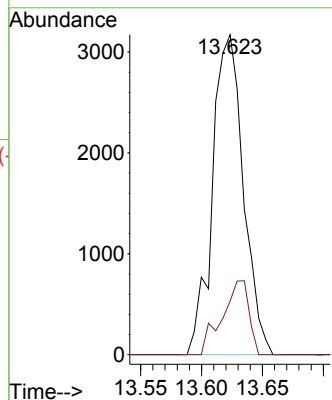
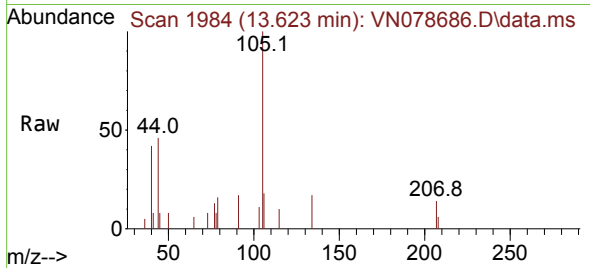




#85
 sec-Butylbenzene
 Concen: 0.206 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078686.D
 Acq: 28 Jul 2023 15:39

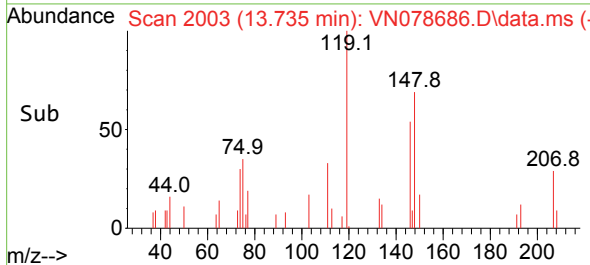
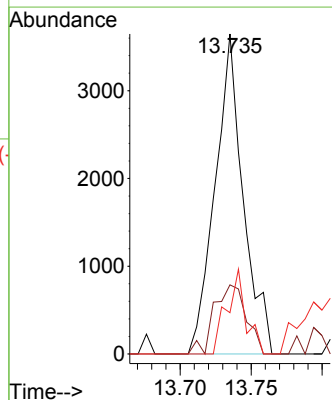
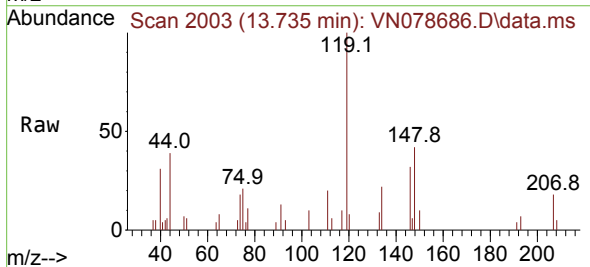
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-19-20230727

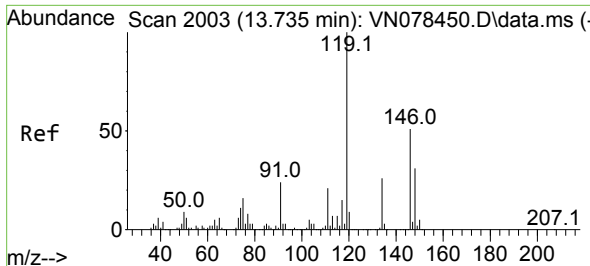
Tgt Ion:105 Resp: 5599
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 0.230 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078686.D
 Acq: 28 Jul 2023 15:39

Tgt Ion:119 Resp: 5015
 Ion Ratio Lower Upper
 119 100
 134 24.7 12.6 37.8
 91 17.9 12.4 37.2

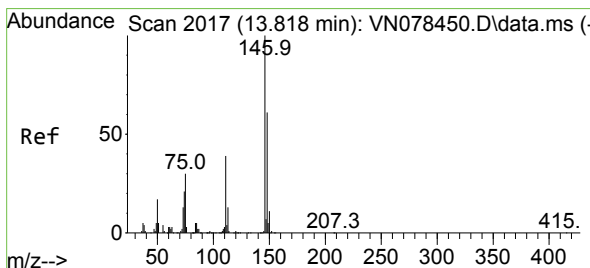
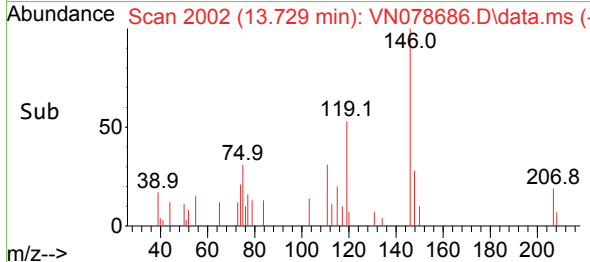
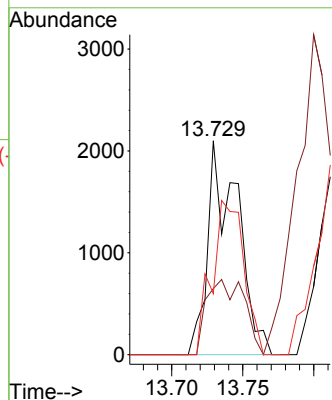
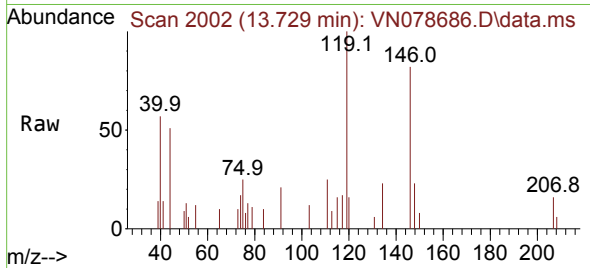




#87
1,3-Dichlorobenzene
Concen: 0.250 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.006 min
Lab File: VN078686.D
Acq: 28 Jul 2023 15:39

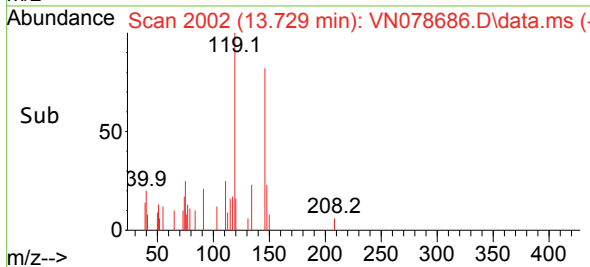
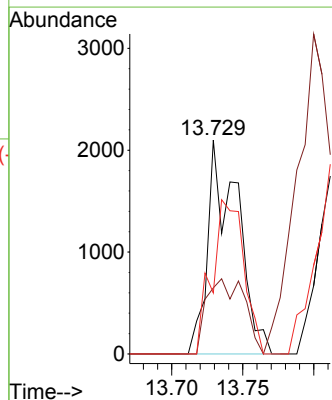
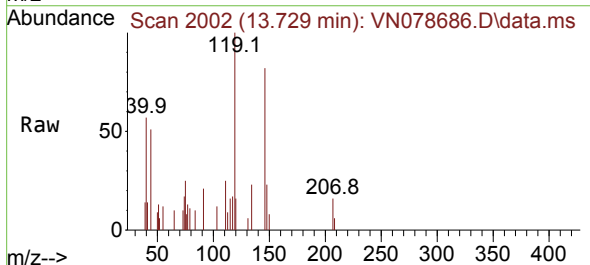
Instrument :
MSVOA_N
ClientSampleId :
MW-19-20230727

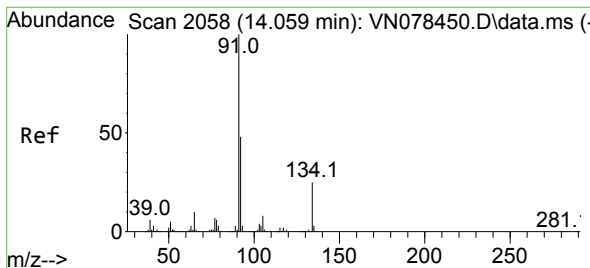
Tgt Ion:146 Resp: 3077
Ion Ratio Lower Upper
146 100
111 44.1 22.1 66.3
148 76.5 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 0.249 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.089 min
Lab File: VN078686.D
Acq: 28 Jul 2023 15:39

Tgt Ion:146 Resp: 3077
Ion Ratio Lower Upper
146 100
111 44.1 20.6 61.8
148 76.5 31.6 94.8





#89

n-Butylbenzene

Concen: 0.358 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN078686.D

Acq: 28 Jul 2023 15:39

Instrument :

MSVOA_N

ClientSampleId :

MW-19-20230727

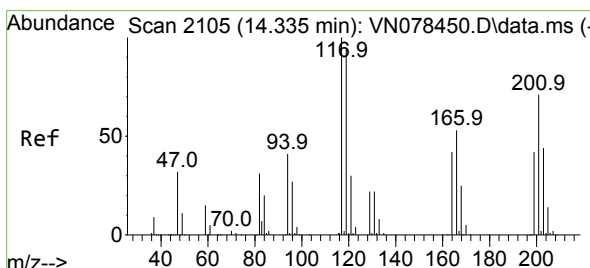
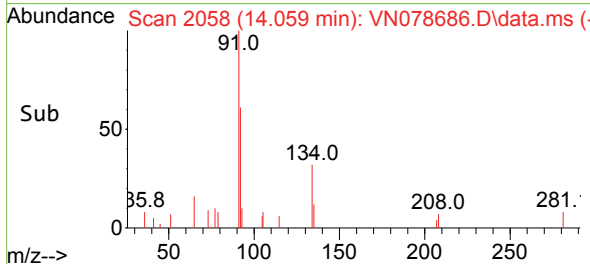
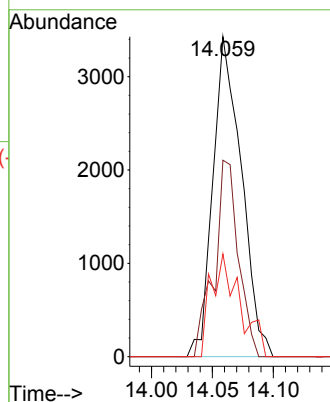
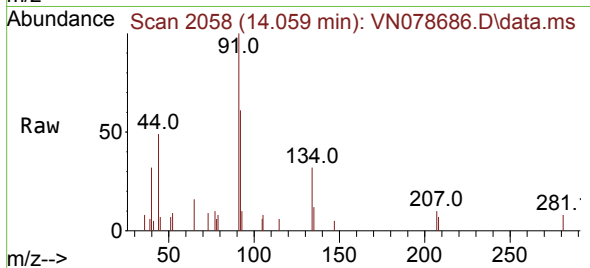
Tgt Ion: 91 Resp: 5577

Ion Ratio Lower Upper

91 100

92 52.0 26.4 79.0

134 32.6 12.6 37.6



#90

Hexachloroethane

Concen: Below Cal

RT: 14.347 min Scan# 2107

Delta R.T. 0.012 min

Lab File: VN078686.D

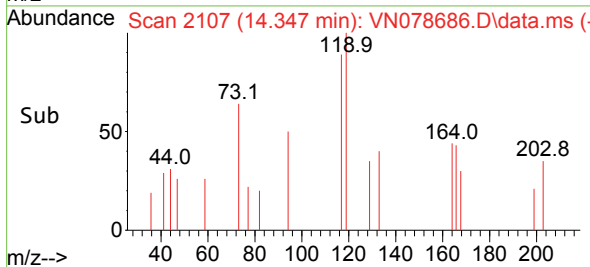
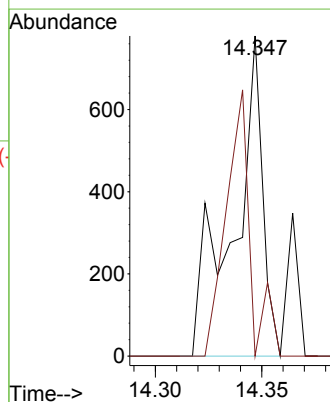
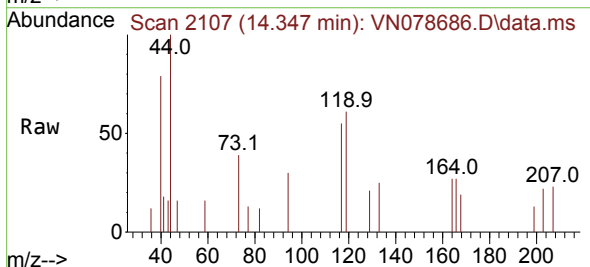
Acq: 28 Jul 2023 15:39

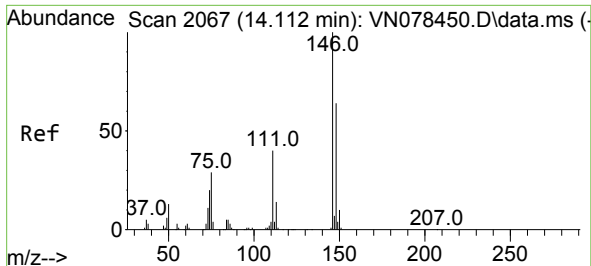
Tgt Ion: 117 Resp: 738

Ion Ratio Lower Upper

117 100

201 69.2 29.3 88.0

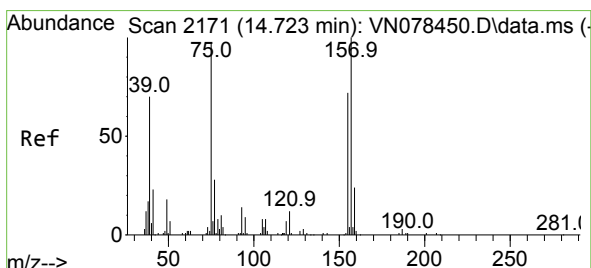
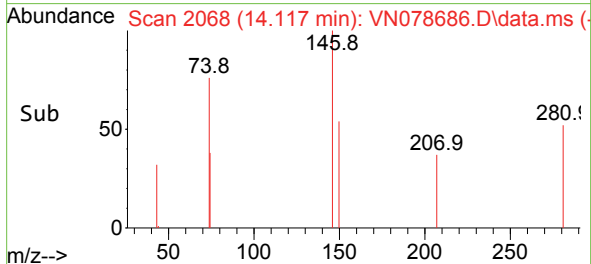
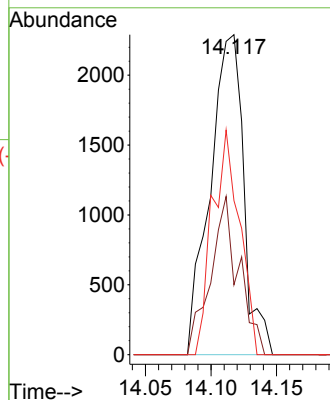
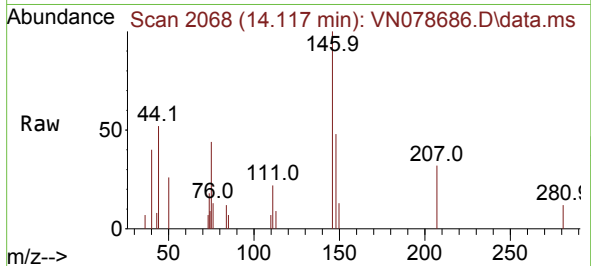




#91
 1,2-Dichlorobenzene
 Concen: 0.334 ug/l
 RT: 14.117 min Scan# 2067
 Delta R.T. 0.005 min
 Lab File: VN078686.D
 Acq: 28 Jul 2023 15:39

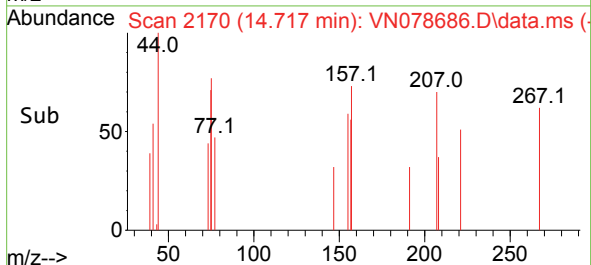
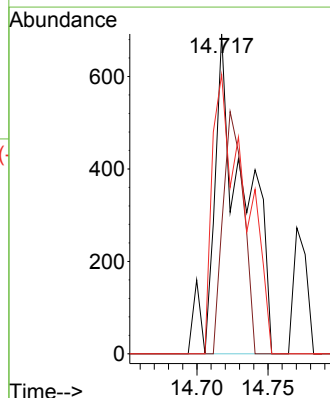
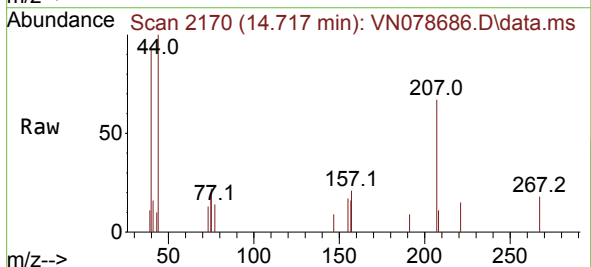
Instrument :
 MSVOA_N
 ClientSampleId :
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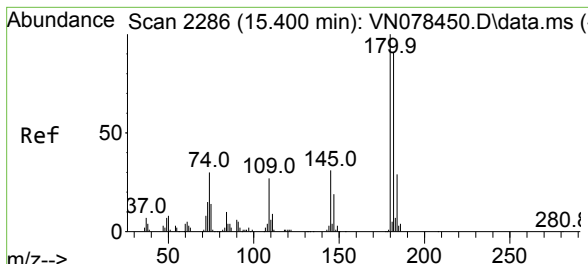
Tgt Ion:146 Resp: 4090
 Ion Ratio Lower Upper
 146 100
 111 41.6 22.0 66.0
 148 56.8 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.717 min Scan# 2170
 Delta R.T. -0.006 min
 Lab File: VN078686.D
 Acq: 28 Jul 2023 15:39

Tgt Ion: 75 Resp: 1023
 Ion Ratio Lower Upper
 75 100
 155 51.6 39.1 117.2
 157 94.0 50.3 150.9

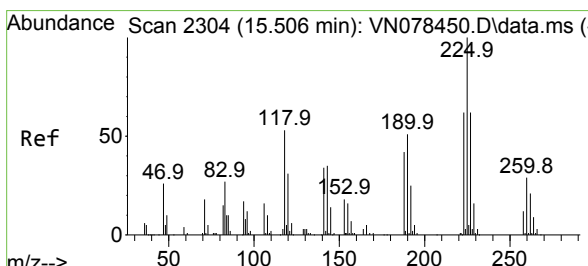
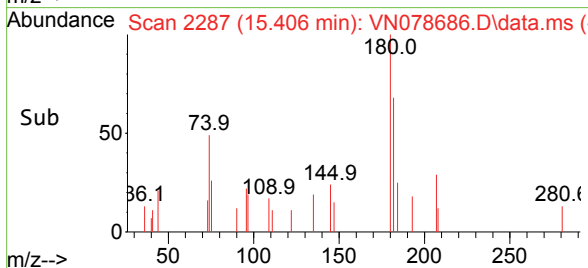
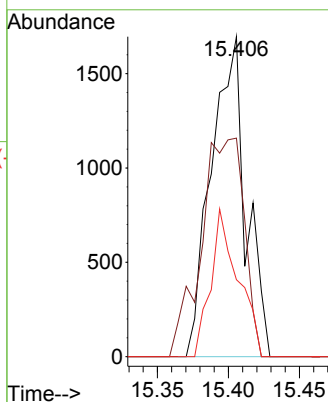
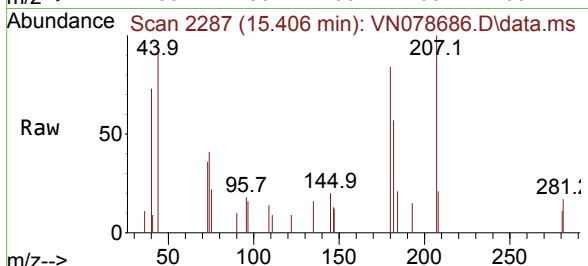




#93
 1,2,4-Trichlorobenzene
 Concen: 0.734 ug/l
 RT: 15.406 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN078686.D
 Acq: 28 Jul 2023 15:39

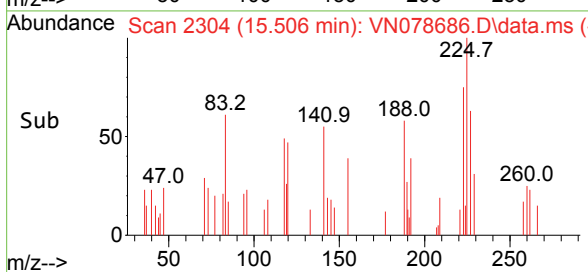
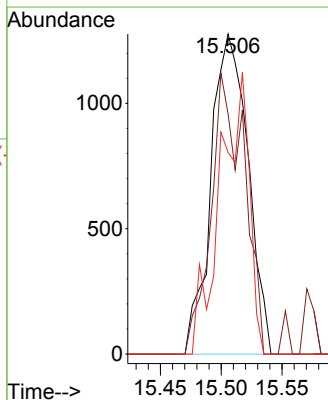
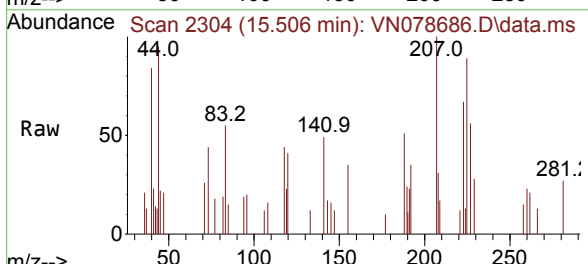
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-19-20230727

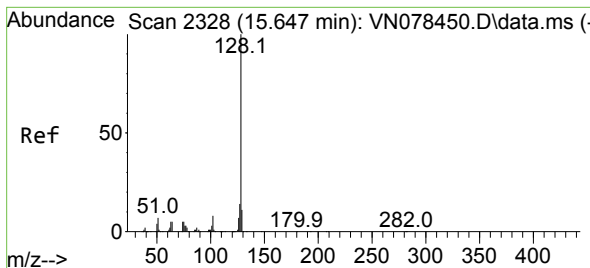
Tgt Ion:	180	Resp:	2867
Ion Ratio	Lower	Upper	
180	100		
182	85.4	46.1	138.2
145	36.5	16.6	49.8



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.506 min Scan# 2304
 Delta R.T. -0.000 min
 Lab File: VN078686.D
 Acq: 28 Jul 2023 15:39

Tgt Ion:	225	Resp:	2708
Ion Ratio	Lower	Upper	
225	100		
223	78.5	31.3	93.8
227	69.1	31.9	95.9





#95

Naphthalene

Concen: 0.881 ug/l

RT: 15.647 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078686.D

Acq: 28 Jul 2023 15:39

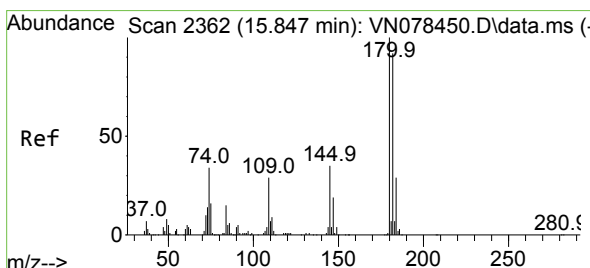
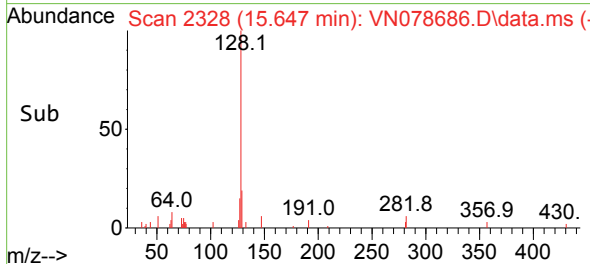
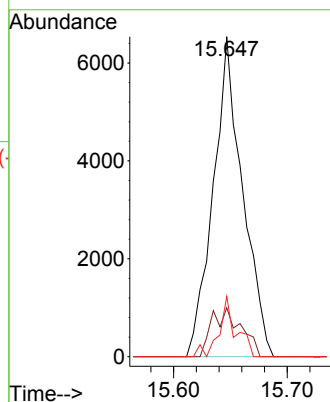
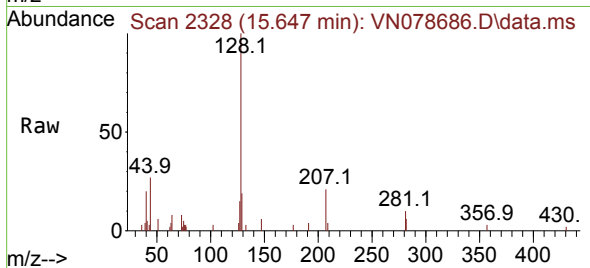
Instrument :

MSVOA_N

ClientSampleId :

MW-19-20230727

Tgt Ion:	128	Resp:	11765
Ion	Ratio	Lower	Upper
128	100		
127	15.2	10.0	15.0#
129	10.8	8.7	13.1



#96

1,2,3-Trichlorobenzene

Concen: 0.834 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN078686.D

Acq: 28 Jul 2023 15:39

Tgt Ion:	180	Resp:	3746
Ion	Ratio	Lower	Upper
180	100		
182	100.8	46.2	138.6
145	27.8	17.5	52.6

