

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071323\
 Data File : VN078497.D
 Acq On : 13 Jul 2023 14:35
 Operator : JC\MD
 Sample : 03611-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-RW5A-20230712

Quant Time: Jul 14 01:33:32 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	404884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	736695	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.876	117	675513	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	212893	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	265451	48.905	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.800%
35) Dibromofluoromethane	8.177	113	278422	55.674	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.340%
50) Toluene-d8	10.576	98	856644	45.344	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.680%
62) 4-Bromofluorobenzene	12.859	95	283465	48.713	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.420%

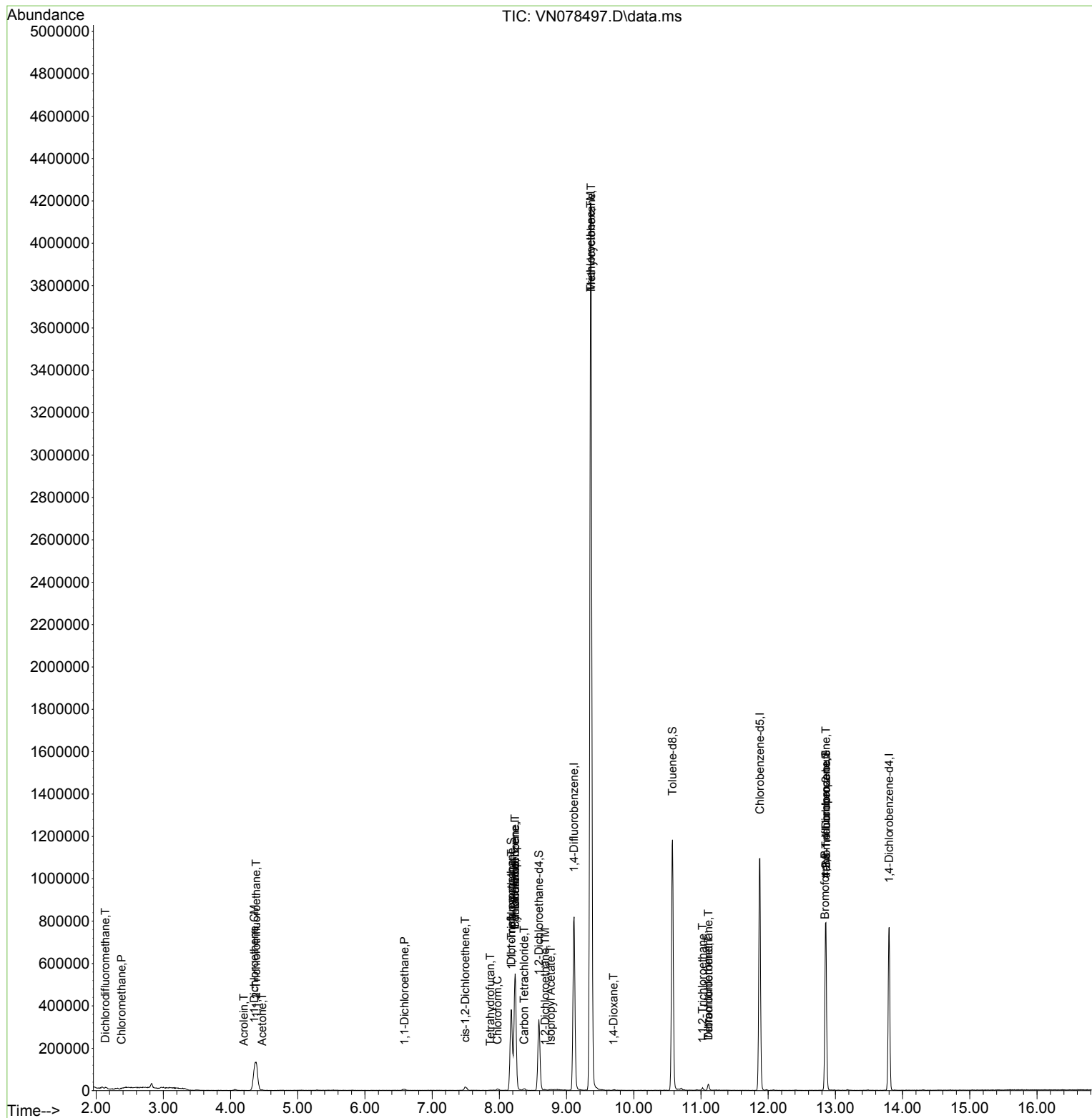
Target Compounds			Qvalue			
2) Dichlorodifluoromethane	2.136	85	3540	0.713	ug/l	82
3) Chloromethane	2.377	50	1693	0.314	ug/l #	86
5) Bromomethane	2.971	94	1722	Below Cal	#	38
6) Chloroethane	3.136	64	840	Below Cal	#	73
9) 1,1,2-Trichlorotrifluo...	4.383	101	83016	18.796	ug/l	96
12) 1,1-Dichloroethene	4.353	96	35467	8.302	ug/l	95
13) Acrolein	4.200	56	289	0.351	ug/l #	16
16) Acetone	4.471	43	2239	1.324	ug/l #	40
20) Methylene Chloride	5.283	84	1014	Below Cal	#	76
24) 1,1-Dichloroethane	6.589	63	8469	0.961	ug/l #	93
27) cis-1,2-Dichloroethene	7.494	96	11434	2.053	ug/l	82
29) Tetrahydrofuran	7.865	42	567	0.325	ug/l #	53
30) Chloroform	7.971	83	6896	0.752	ug/l	95
31) Cyclohexane	8.235	56	9093	1.240	ug/l #	17
32) 1,1,1-Trichloroethane	8.183	97	4079	0.496	ug/l #	48
36) 1,1-Dichloropropene	8.235	75	32564	4.510	ug/l #	49
38) Carbon Tetrachloride	8.371	117	5886	0.750	ug/l #	62
39) Methylcyclohexane	9.365	83	19175	2.909	ug/l #	1
42) 1,2-Dichloroethane	8.682	62	2548	0.350	ug/l #	73
43) Isopropyl Acetate	8.765	43	2949	0.298	ug/l #	49
44) Trichloroethene	9.359	130	1534628	266.166	ug/l	97
49) 1,4-Dioxane	9.700	88	2347	23.440	ug/l #	91
55) 1,1,2-Trichloroethane	11.024	97	3512	0.672	ug/l #	85
60) Dibromochloromethane	11.112	129	5995	1.040	ug/l #	11
64) Tetrachloroethene	11.112	164	5734	1.129	ug/l #	83
71) Bromoform	12.847	173	1343	0.341	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.929	83	91	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.859	75	149353	29.024	ug/l #	1
77) Bromobenzene	12.982	156	241	Below Cal	#	32
81) trans-1,4-Dichloro-2-b...	12.859	75	149353	76.269	ug/l #	15
90) Hexachloroethane	14.512	117	55	Below Cal	#	21
92) 1,2-Dibromo-3-Chloropr...	14.594	75	56	Below Cal	#	4

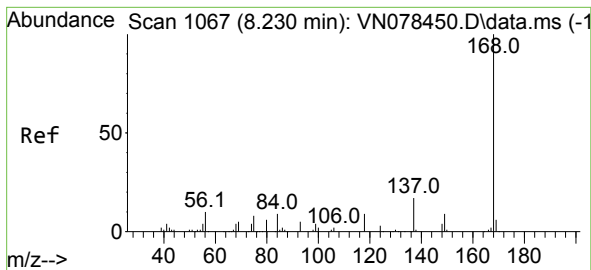
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. 0.005 min

Lab File: VN078497.D

Acq: 13 Jul 2023 14:35

Instrument :

MSVOA_N

ClientSampleId :

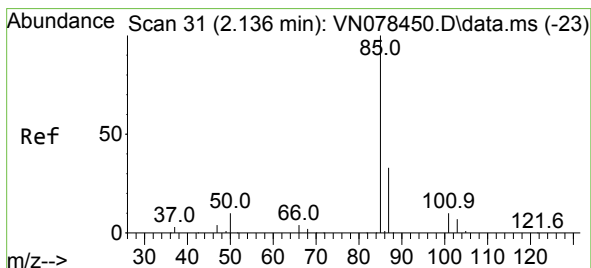
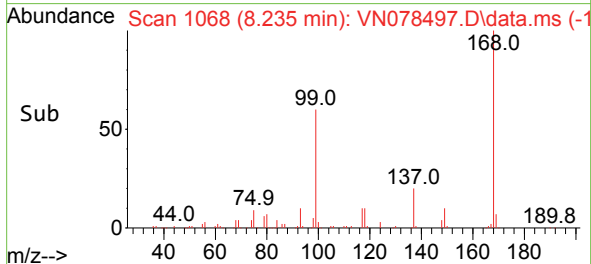
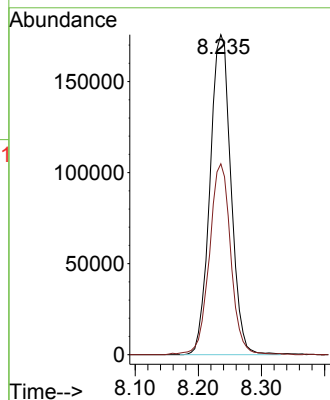
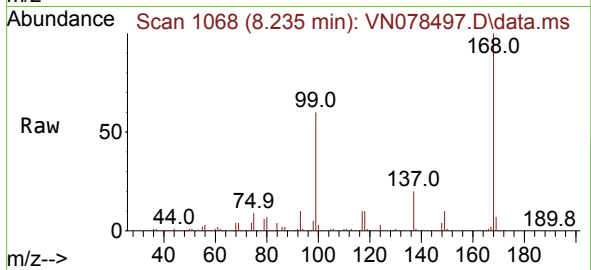
BP-TT-RW5A-20230712

Tgt Ion:168 Resp: 404884

Ion Ratio Lower Upper

168 100

99 59.3 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 0.713 ug/l

RT: 2.136 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN078497.D

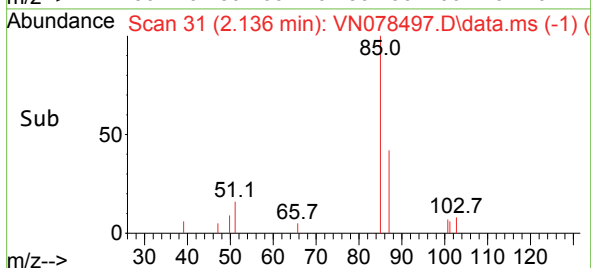
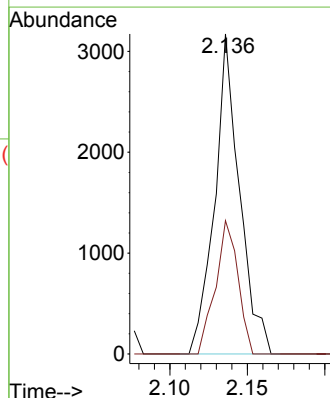
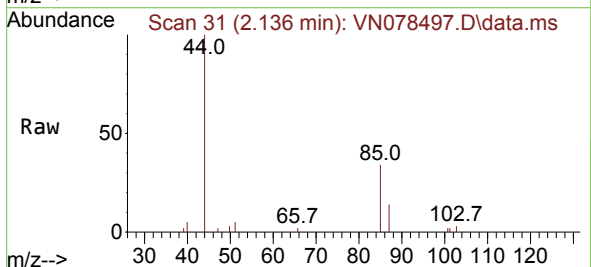
Acq: 13 Jul 2023 14:35

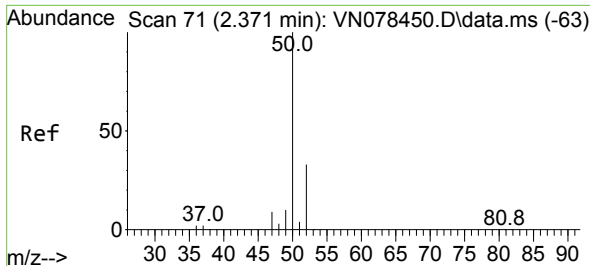
Tgt Ion: 85 Resp: 3540

Ion Ratio Lower Upper

85 100

87 41.7 15.8 47.4

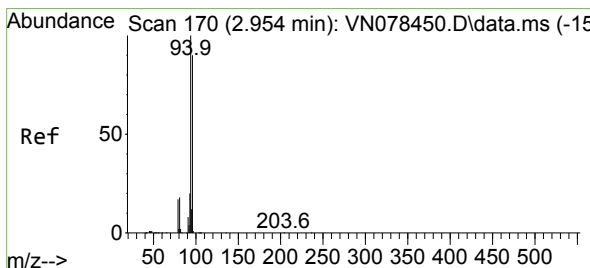
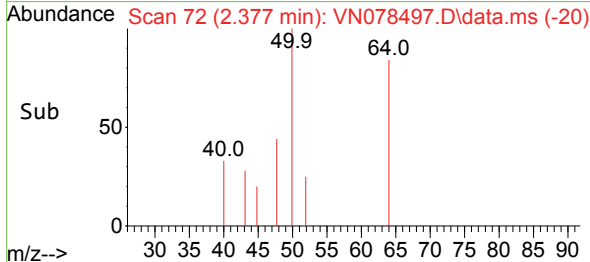
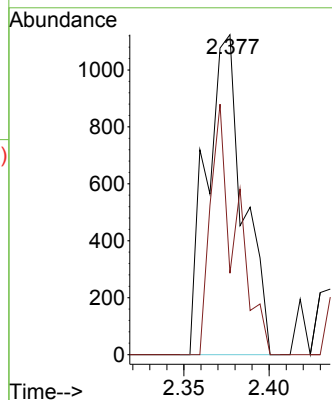
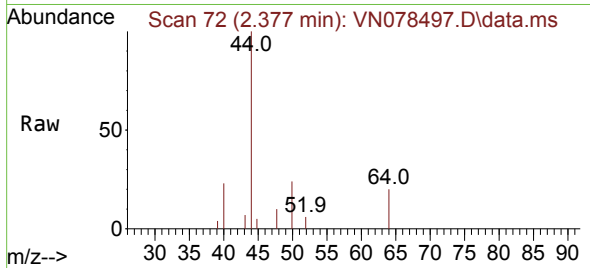




#3
Chloromethane
Concen: 0.314 ug/l
RT: 2.377 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN078497.D
Acq: 13 Jul 2023 14:35

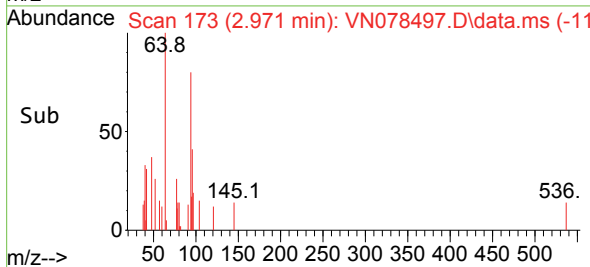
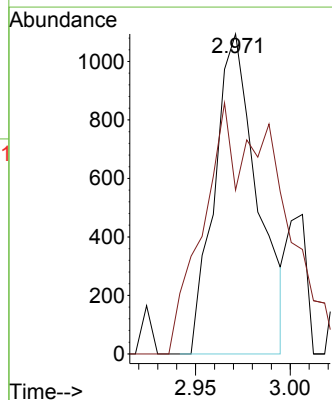
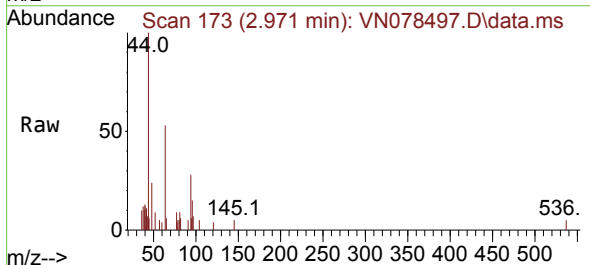
Instrument :
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BP-TT-RW5A-20230712

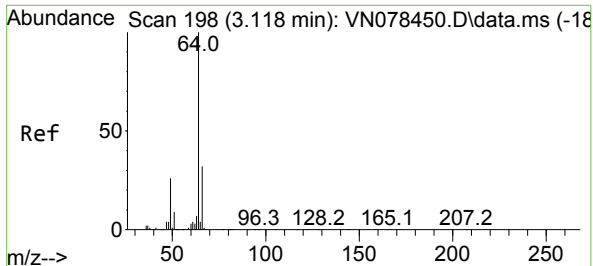
Tgt Ion: 50 Resp: 1693
Ion Ratio Lower Upper
50 100
52 25.4 26.5 39.7#



#5
Bromomethane
Concen: Below Cal
RT: 2.971 min Scan# 173
Delta R.T. 0.017 min
Lab File: VN078497.D
Acq: 13 Jul 2023 14:35

Tgt Ion: 94 Resp: 1722
Ion Ratio Lower Upper
94 100
96 32.3 73.1 109.7#

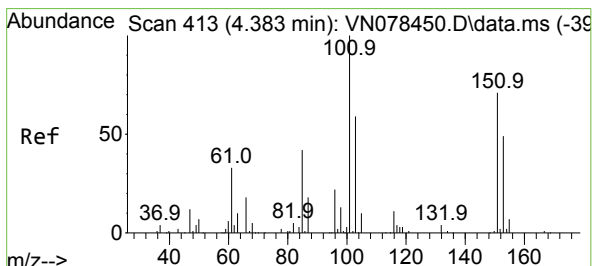
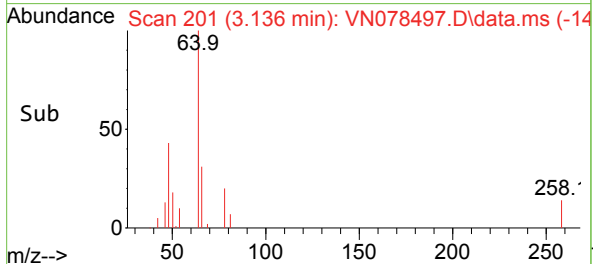
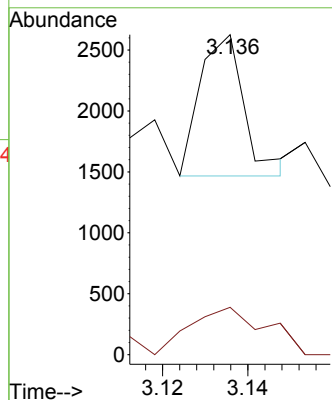
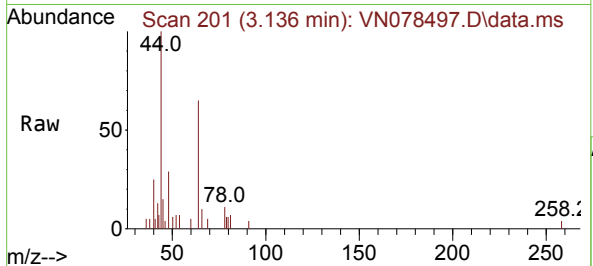




#6
Chloroethane
Concen: Below Cal
RT: 3.136 min Scan# 201
Delta R.T. 0.018 min
Lab File: VN078497.D
Acq: 13 Jul 2023 14:35

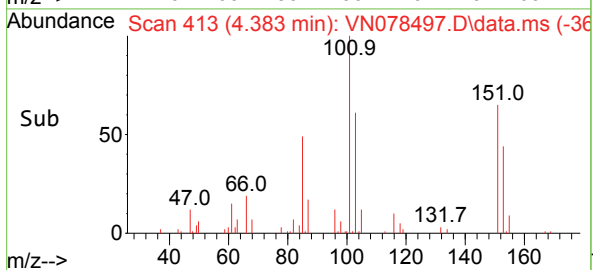
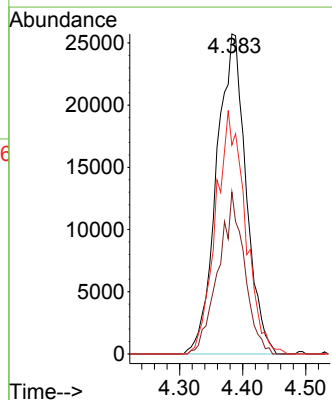
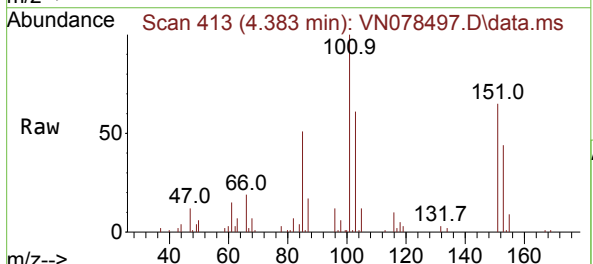
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-RW5A-20230712

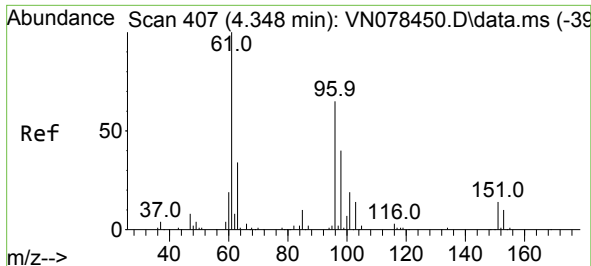
Tgt Ion: 64 Resp: 840
Ion Ratio Lower Upper
64 100
66 16.7 25.4 38.2#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.796 ug/l
RT: 4.383 min Scan# 413
Delta R.T. -0.000 min
Lab File: VN078497.D
Acq: 13 Jul 2023 14:35

Tgt Ion: 101 Resp: 83016
Ion Ratio Lower Upper
101 100
85 44.8 36.6 55.0
151 76.8 57.6 86.4





#12

1,1-Dichloroethene

Concen: 8.302 ug/l

RT: 4.353 min Scan# 407

Delta R.T. 0.005 min

Lab File: VN078497.D

Acq: 13 Jul 2023 14:35

Instrument :

MSVOA_N

ClientSampleId :

BP-TT-RW5A-20230712

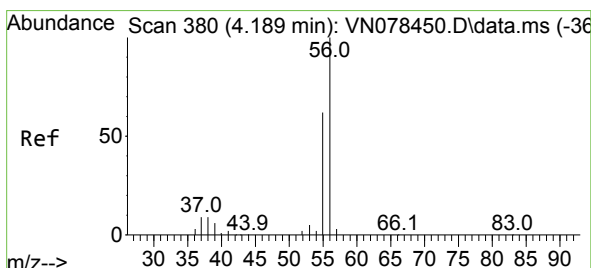
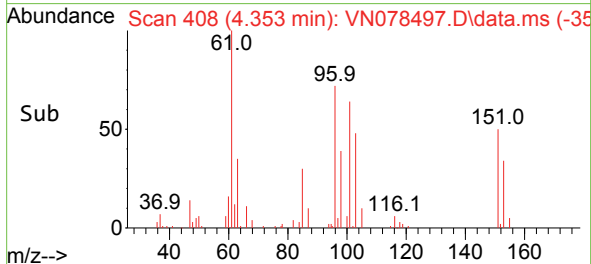
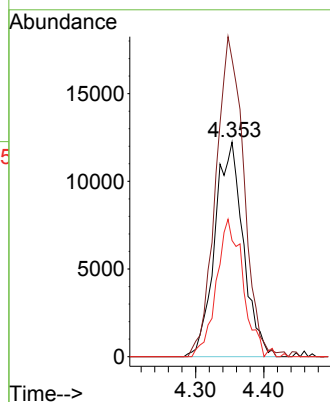
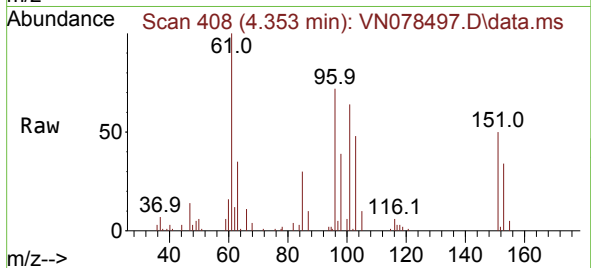
Tgt Ion: 96 Resp: 35467

Ion Ratio Lower Upper

96 100

61 138.6 112.7 169.1

98 54.2 51.2 76.8



#13

Acrolein

Concen: 0.351 ug/l

RT: 4.200 min Scan# 382

Delta R.T. 0.011 min

Lab File: VN078497.D

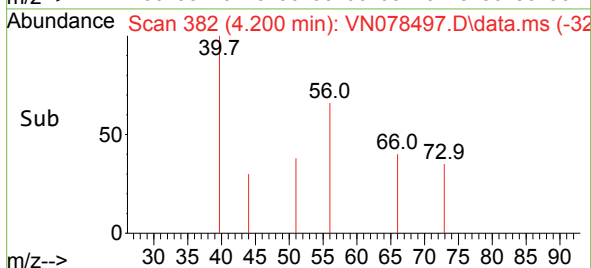
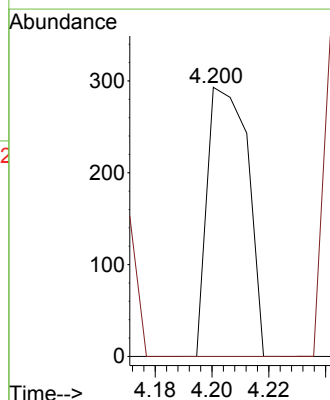
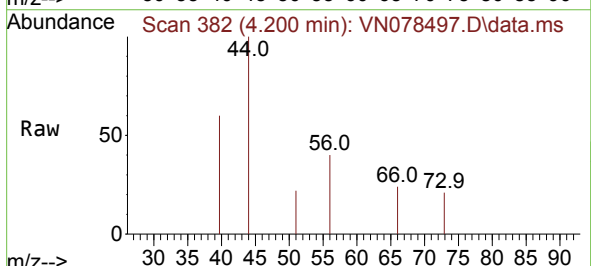
Acq: 13 Jul 2023 14:35

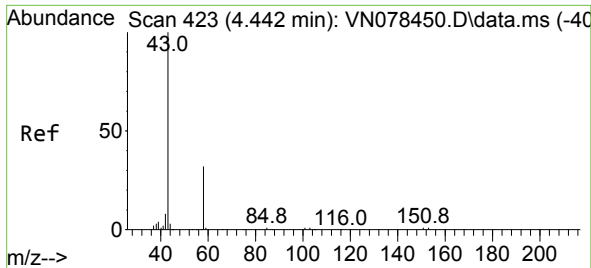
Tgt Ion: 56 Resp: 289

Ion Ratio Lower Upper

56 100

55 0.0 54.5 81.7#

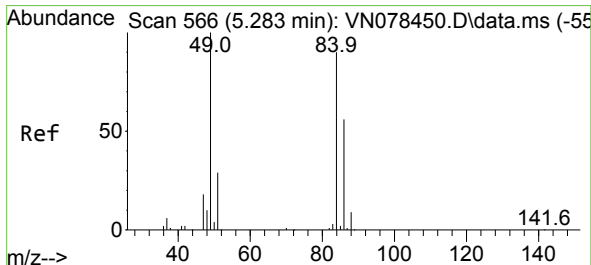
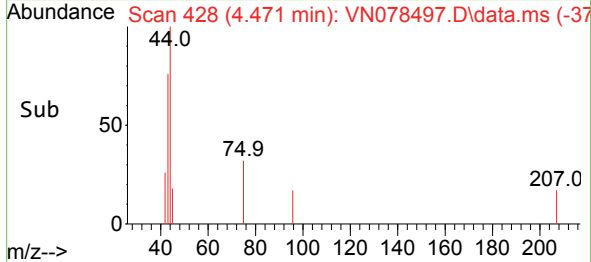
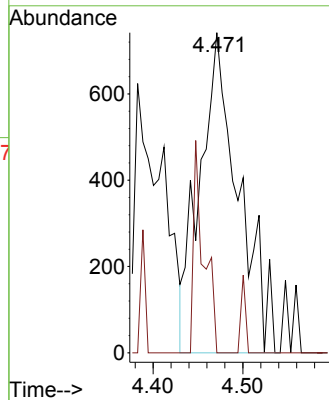
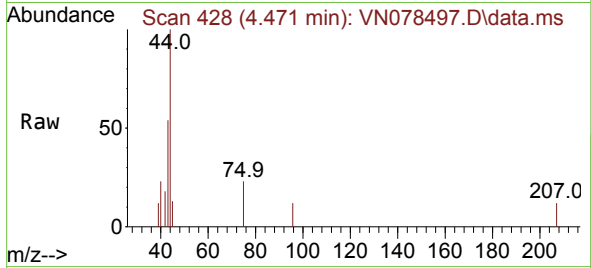




#16
Acetone
Concen: 1.324 ug/l
RT: 4.471 min Scan# 41
Delta R.T. 0.029 min
Lab File: VN078497.D
Acq: 13 Jul 2023 14:35

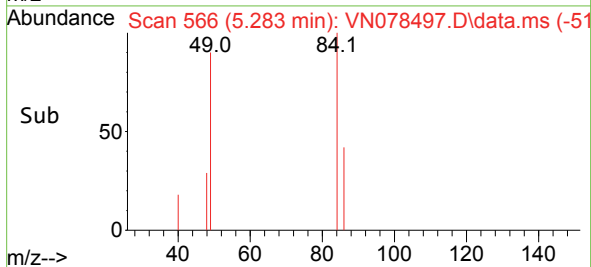
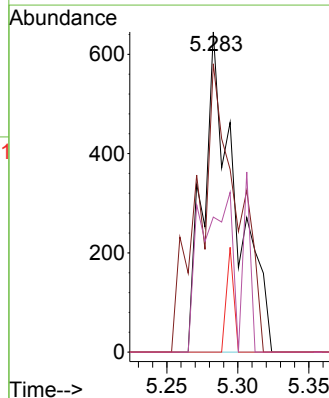
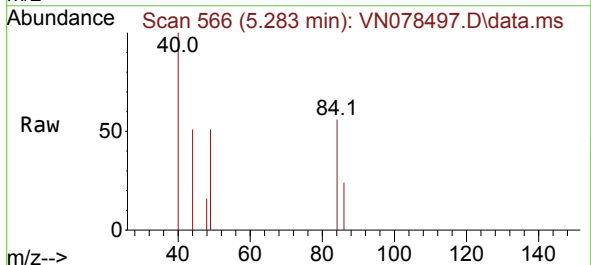
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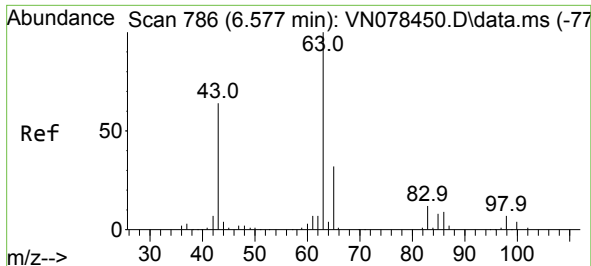
Tgt Ion: 43 Resp: 2239
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN078497.D
Acq: 13 Jul 2023 14:35

Tgt Ion: 84 Resp: 1014
Ion Ratio Lower Upper
84 100
49 90.1 79.7 119.5
51 0.0 25.2 37.8#
86 42.2 53.3 79.9#

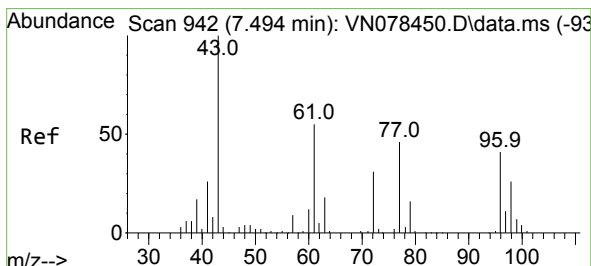
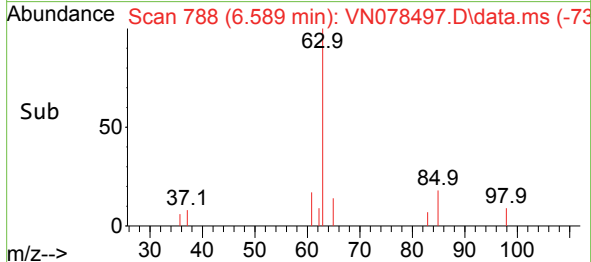
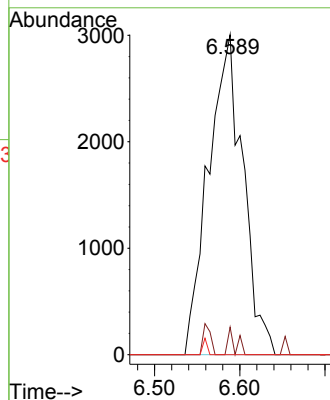
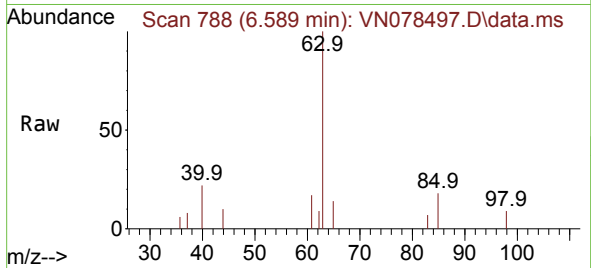




#24
1,1-Dichloroethane
Concen: 0.961 ug/l
RT: 6.589 min Scan# 788
Delta R.T. 0.012 min
Lab File: VN078497.D
Acq: 13 Jul 2023 14:35

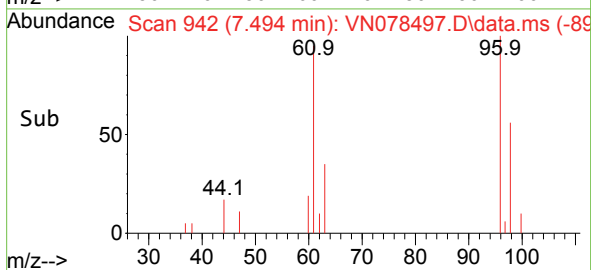
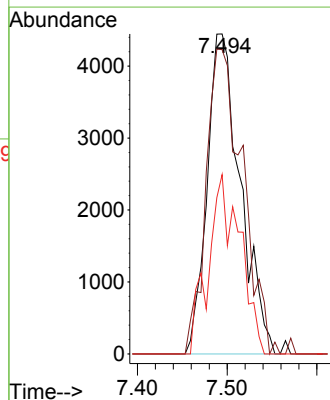
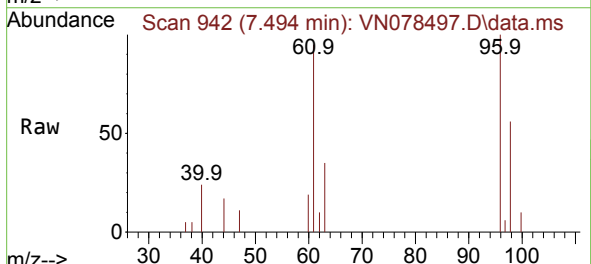
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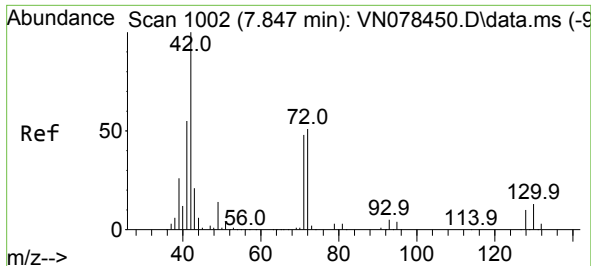
Tgt Ion: 63 Resp: 8469
Ion Ratio Lower Upper
63 100
98 8.6 3.9 11.7
100 0.0 2.5 7.4#



#27
cis-1,2-Dichloroethene
Concen: 2.053 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078497.D
Acq: 13 Jul 2023 14:35

Tgt Ion: 96 Resp: 11434
Ion Ratio Lower Upper
96 100
61 104.5 0.0 255.2
98 53.8 0.0 128.8





#29

Tetrahydrofuran

Concen: 0.325 ug/l

RT: 7.865 min Scan# 1005

Delta R.T. 0.018 min

Lab File: VN078497.D

Acq: 13 Jul 2023 14:35

Instrument :

MSVOA_N

ClientSampleId :

BP-TT-RW5A-20230712

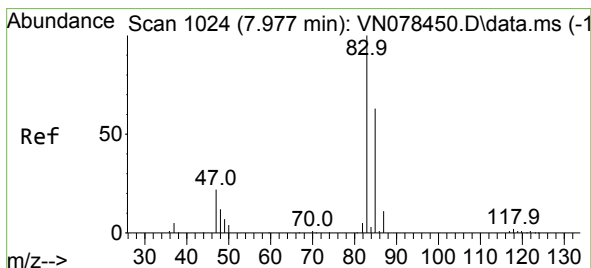
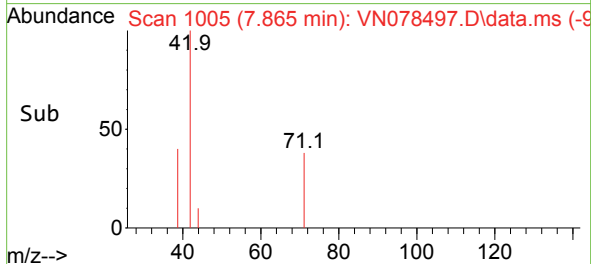
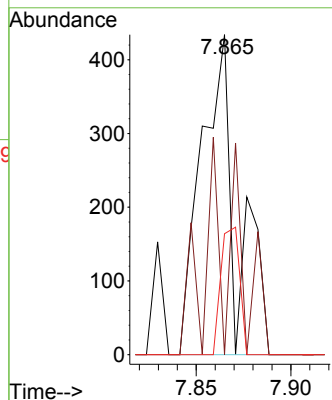
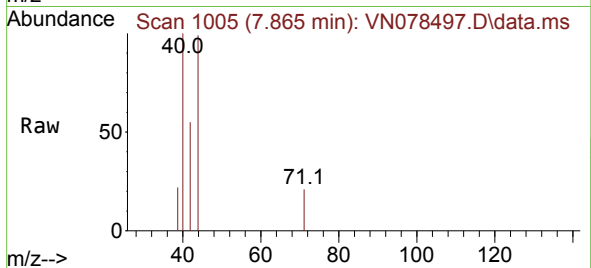
Tgt Ion: 42 Resp: 567

Ion Ratio Lower Upper

42 100

72 29.5 49.8 74.6#

71 21.0 47.4 71.2#



#30

Chloroform

Concen: 0.752 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN078497.D

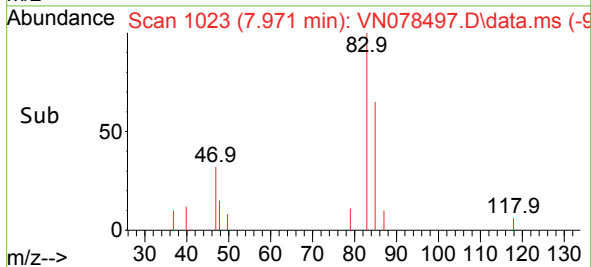
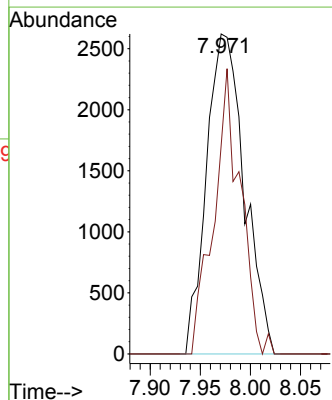
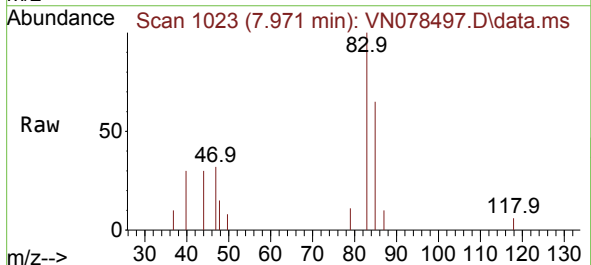
Acq: 13 Jul 2023 14:35

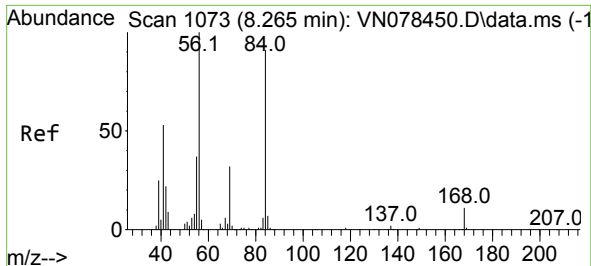
Tgt Ion: 83 Resp: 6896

Ion Ratio Lower Upper

83 100

85 65.1 55.4 83.0

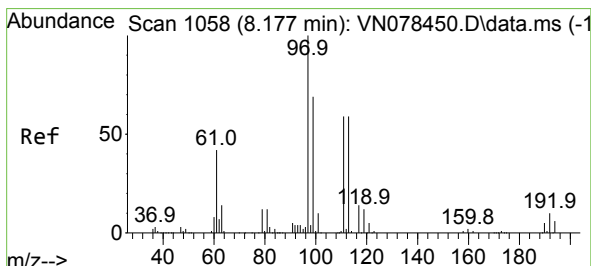
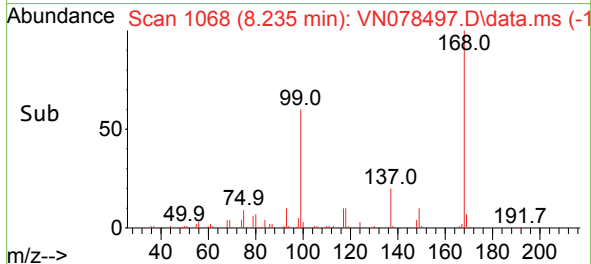
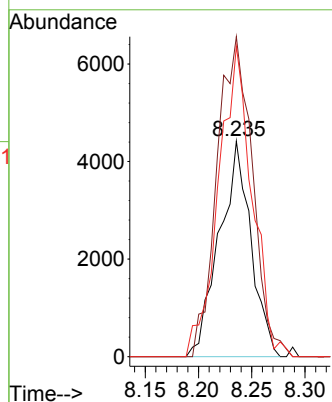
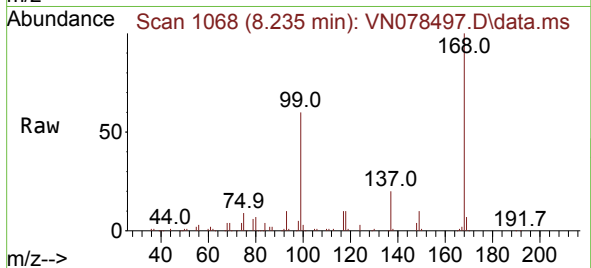




#31
Cyclohexane
Concen: 1.240 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.030 min
Lab File: VN078497.D
Acq: 13 Jul 2023 14:35

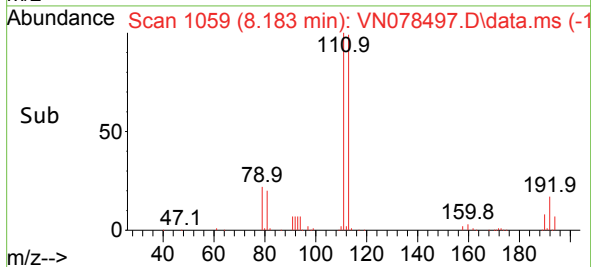
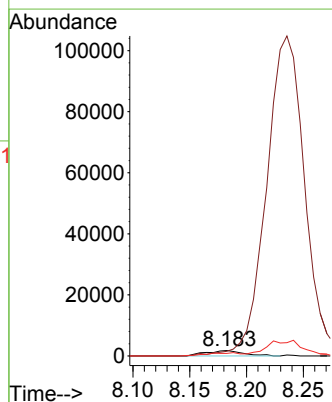
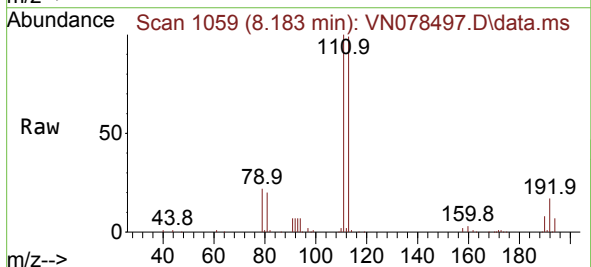
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-RW5A-20230712

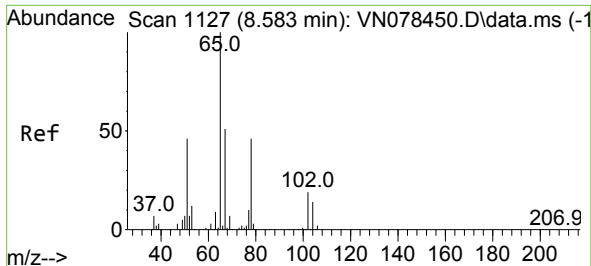
Tgt Ion: 56 Resp: 9093
Ion Ratio Lower Upper
56 100
69 152.7 26.8 40.2#
84 144.1 81.8 122.6#



#32
1,1,1-Trichloroethane
Concen: 0.496 ug/l
RT: 8.183 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VN078497.D
Acq: 13 Jul 2023 14:35

Tgt Ion: 97 Resp: 4079
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5#
61 49.7 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 48.905 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078497.D

Acq: 13 Jul 2023 14:35

Instrument :

MSVOA_N

ClientSampleId :

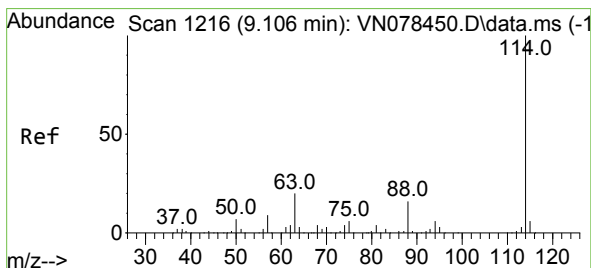
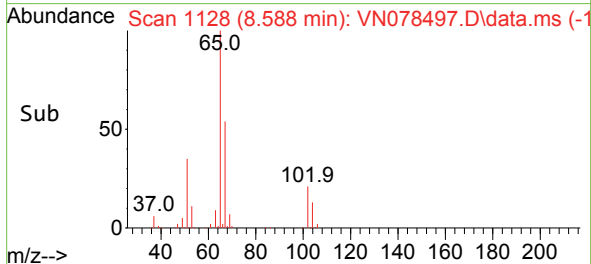
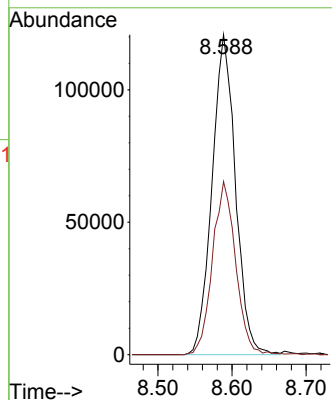
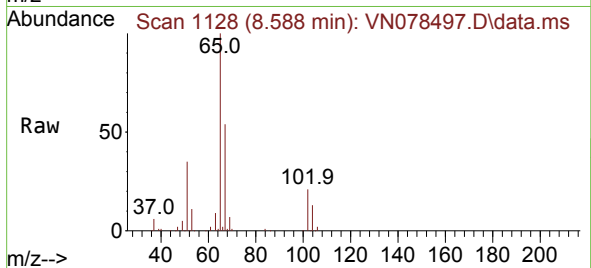
BP-TT-RW5A-20230712

Tgt Ion: 65 Resp: 265451

Ion Ratio Lower Upper

65 100

67 53.5 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: VN078497.D

Acq: 13 Jul 2023 14:35

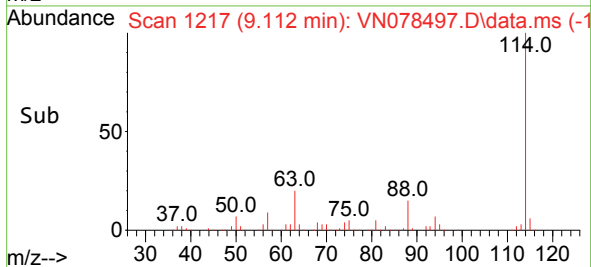
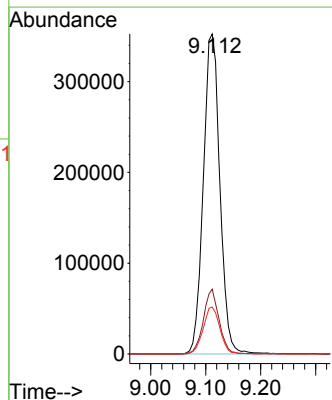
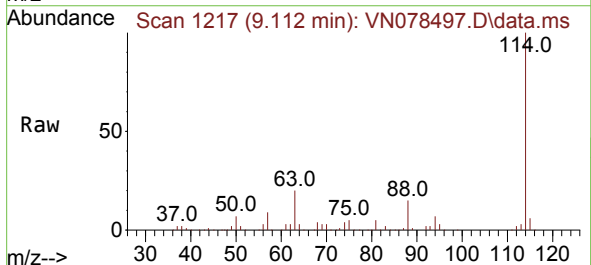
Tgt Ion: 114 Resp: 736695

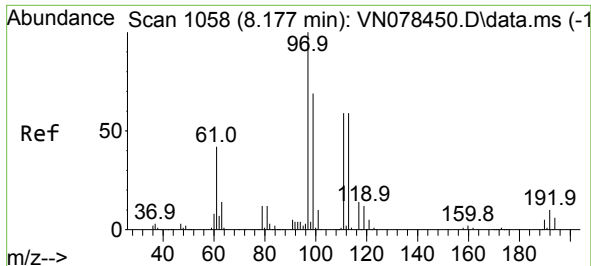
Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.4

88 14.7 0.0 30.6

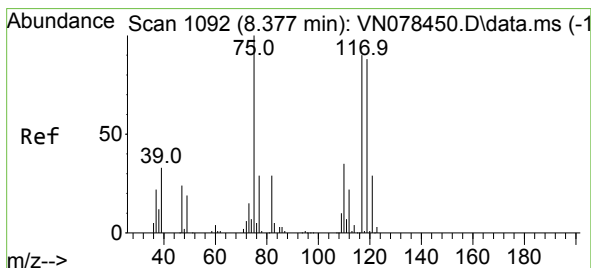
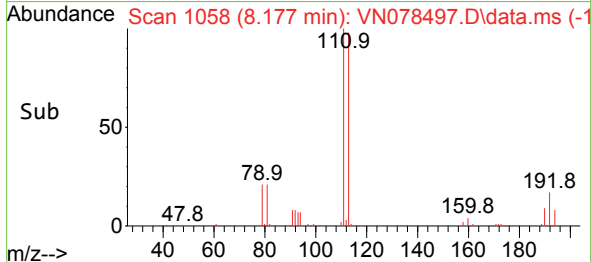
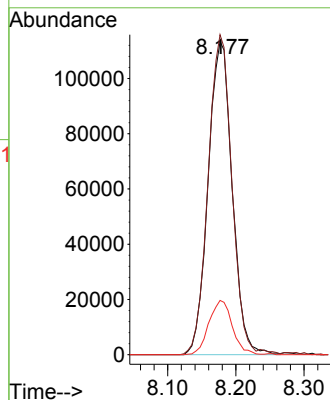
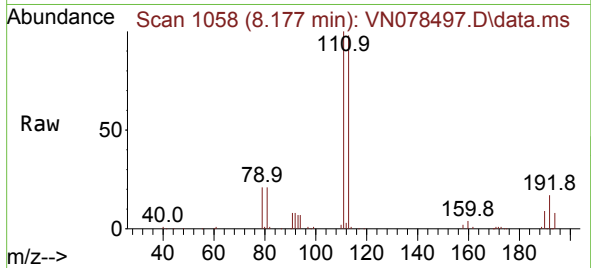




#35
Dibromofluoromethane
Concen: 55.674 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078497.D
Acq: 13 Jul 2023 14:35

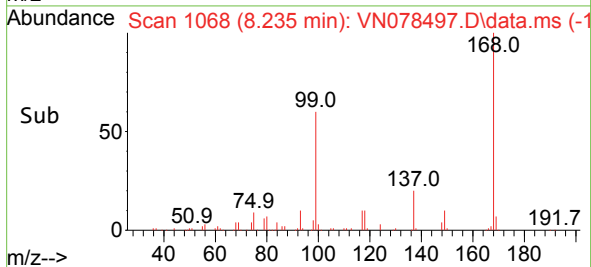
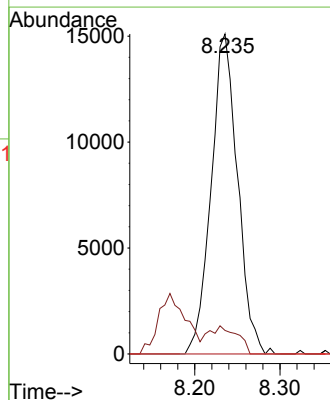
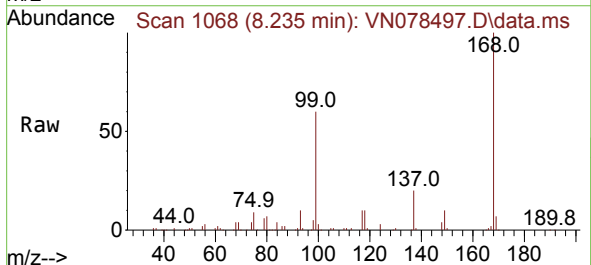
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-RW5A-20230712

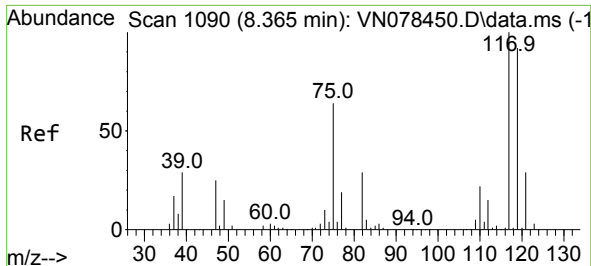
Tgt Ion:113 Resp: 278422
Ion Ratio Lower Upper
113 100
111 101.1 82.6 123.8
192 16.9 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.510 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.142 min
Lab File: VN078497.D
Acq: 13 Jul 2023 14:35

Tgt Ion: 75 Resp: 32564
Ion Ratio Lower Upper
75 100
110 9.7 19.1 57.3#
77 0.0 25.0 37.4#

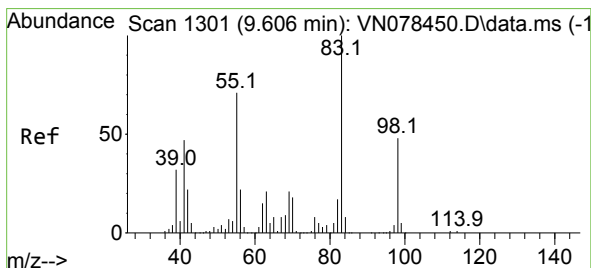
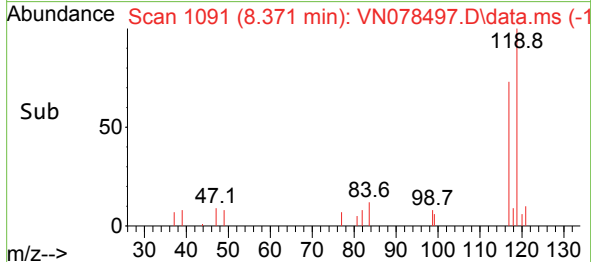
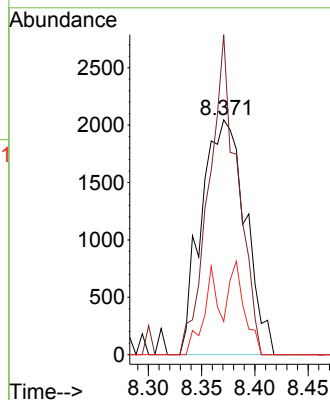
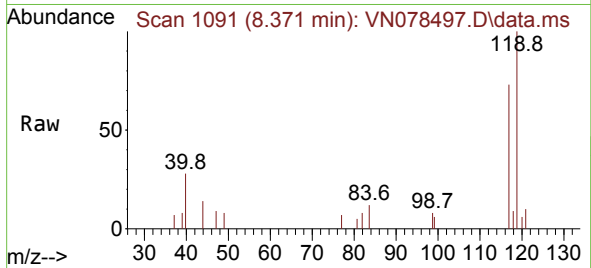




#38
Carbon Tetrachloride
Concen: 0.750 ug/l
RT: 8.371 min Scan# 110
Delta R.T. 0.006 min
Lab File: VN078497.D
Acq: 13 Jul 2023 14:35

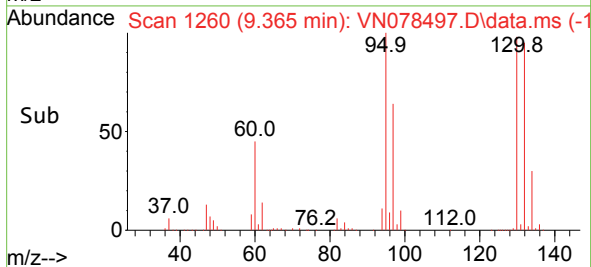
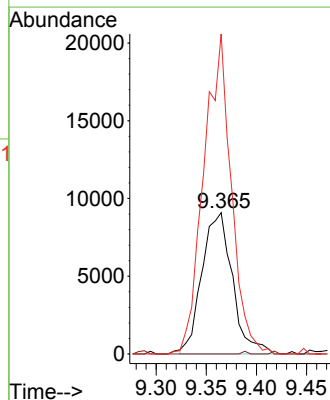
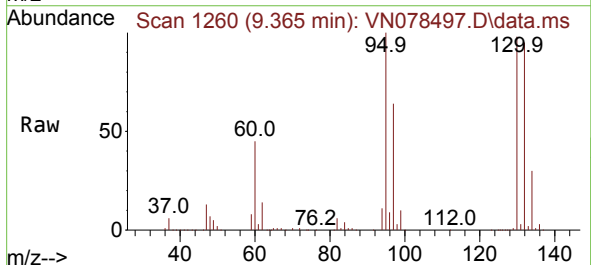
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-RW5A-20230712

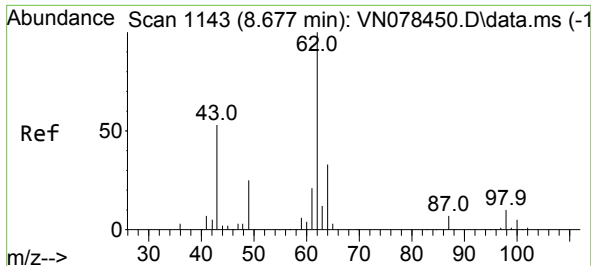
Tgt Ion:117 Resp: 5886
Ion Ratio Lower Upper
117 100
119 136.3 77.3 115.9#
121 14.1 23.3 34.9#



#39
Methylcyclohexane
Concen: 2.909 ug/l
RT: 9.365 min Scan# 1260
Delta R.T. -0.241 min
Lab File: VN078497.D
Acq: 13 Jul 2023 14:35

Tgt Ion: 83 Resp: 19175
Ion Ratio Lower Upper
83 100
55 0.0 49.1 73.7#
98 226.5 40.6 61.0#





#42

1,2-Dichloroethane

Concen: 0.350 ug/l

RT: 8.682 min Scan# 1143

Delta R.T. 0.005 min

Lab File: VN078497.D

Acq: 13 Jul 2023 14:35

Instrument :

MSVOA_N

ClientSampleId :

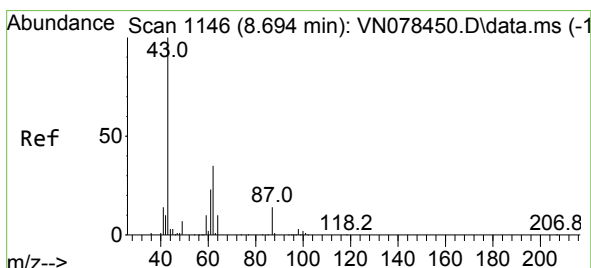
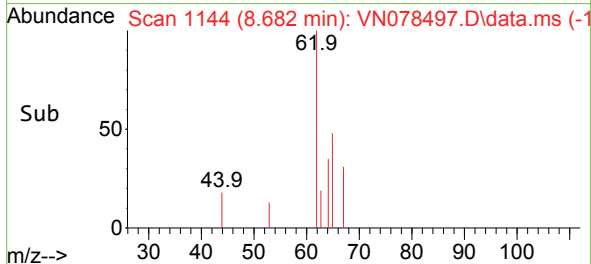
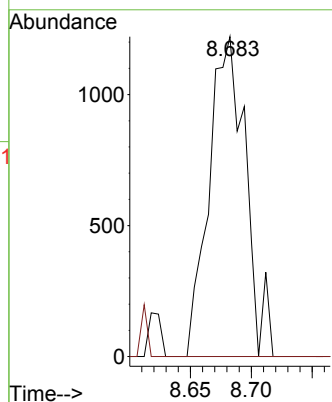
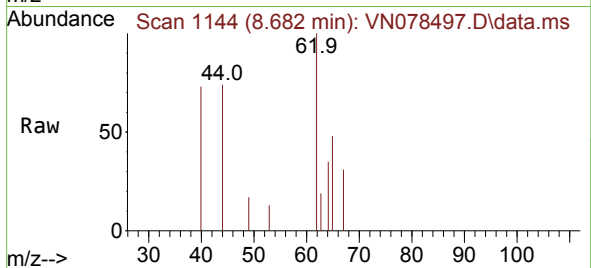
BP-TT-RW5A-20230712

Tgt Ion: 62 Resp: 2548

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.8



#43

Isopropyl Acetate

Concen: 0.298 ug/l

RT: 8.765 min Scan# 1158

Delta R.T. 0.071 min

Lab File: VN078497.D

Acq: 13 Jul 2023 14:35

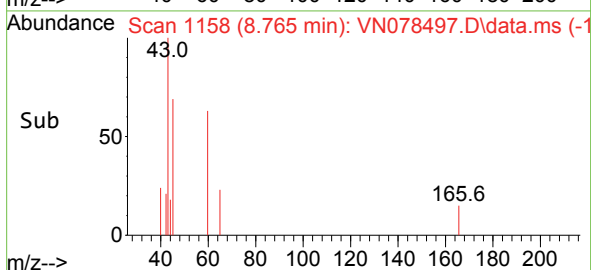
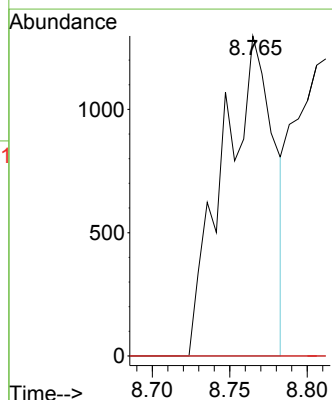
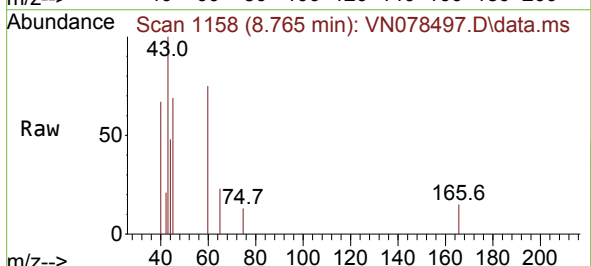
Tgt Ion: 43 Resp: 2949

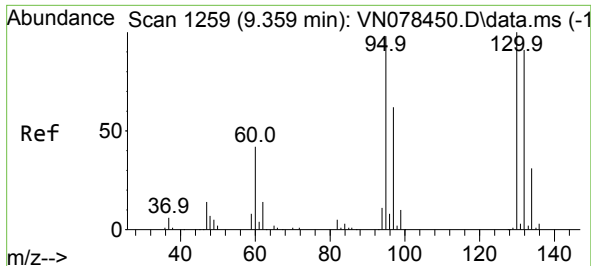
Ion Ratio Lower Upper

43 100

61 0.0 24.7 37.1#

87 0.0 14.6 21.8#

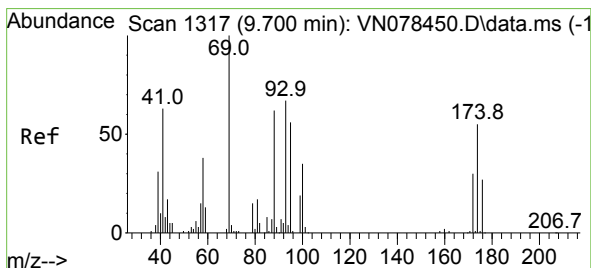
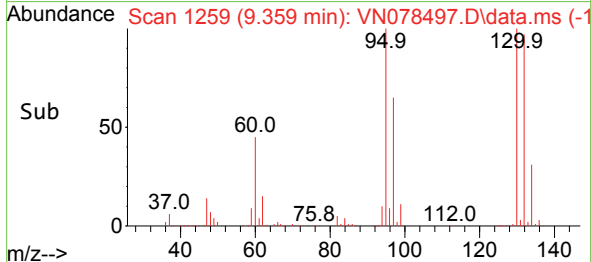
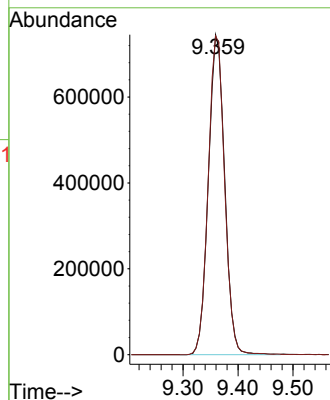
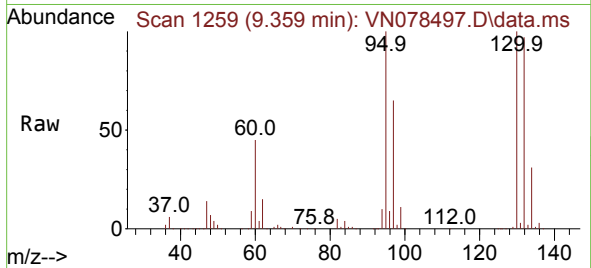




#44
Trichloroethene
Concen: 266.166 ug/l
RT: 9.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078497.D
Acq: 13 Jul 2023 14:35

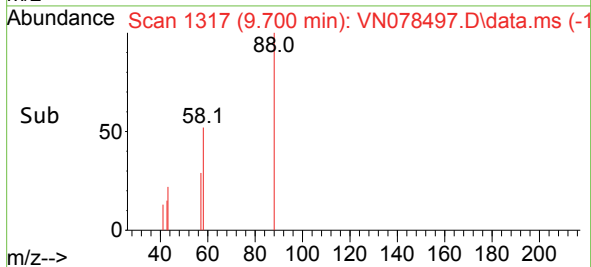
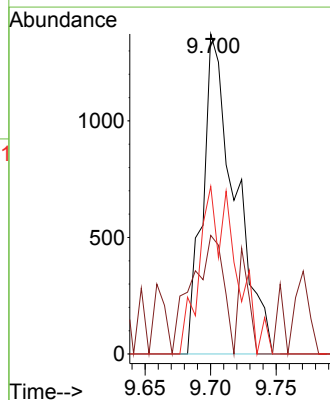
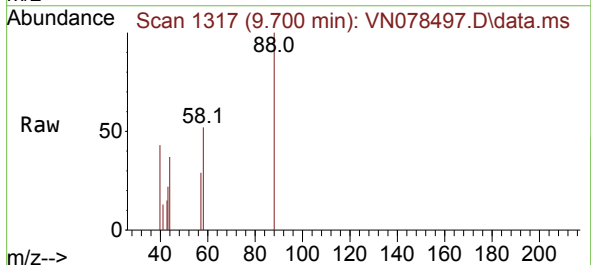
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-RW5A-20230712

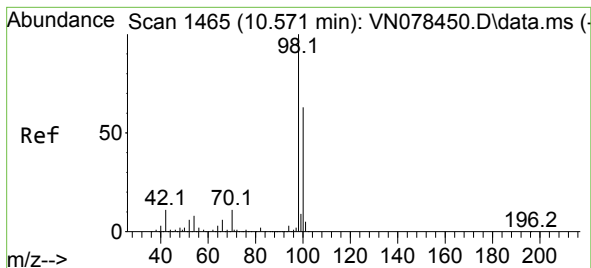
Tgt Ion:130 Resp: 1534628
Ion Ratio Lower Upper
130 100
95 99.6 0.0 204.6



#49
1,4-Dioxane
Concen: 23.440 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN078497.D
Acq: 13 Jul 2023 14:35

Tgt Ion: 88 Resp: 2347
Ion Ratio Lower Upper
88 100
43 36.4 17.0 25.6#
58 59.1 47.0 70.4





#50

Toluene-d8

Concen: 45.344 ug/l

RT: 10.576 min Scan# 1466

Delta R.T. 0.005 min

Lab File: VN078497.D

Acq: 13 Jul 2023 14:35

Instrument :

MSVOA_N

ClientSampleId :

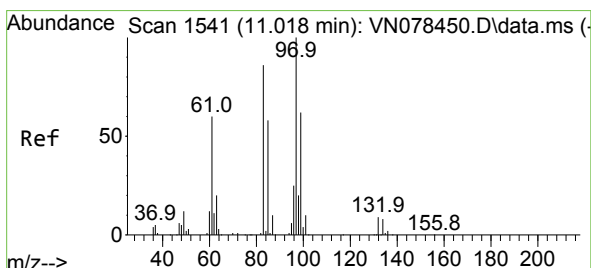
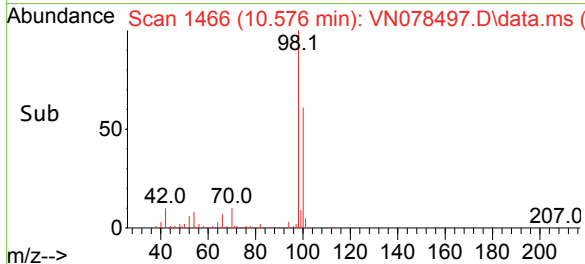
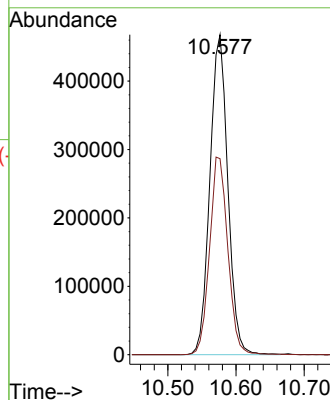
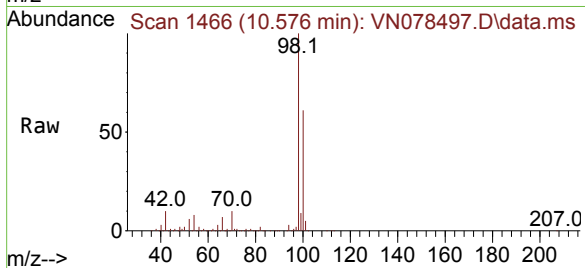
BP-TT-RW5A-20230712

Tgt Ion: 98 Resp: 856644

Ion Ratio Lower Upper

98 100

100 62.9 52.0 78.0



#55

1,1,2-Trichloroethane

Concen: 0.672 ug/l

RT: 11.024 min Scan# 1542

Delta R.T. 0.006 min

Lab File: VN078497.D

Acq: 13 Jul 2023 14:35

Tgt Ion: 97 Resp: 3512

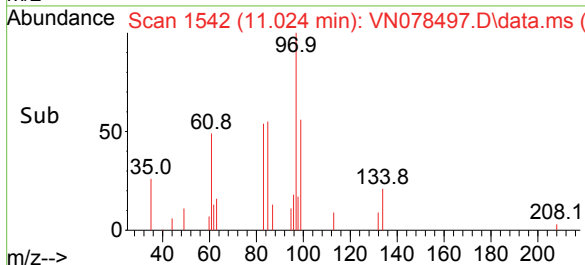
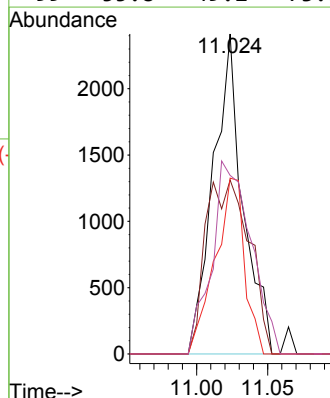
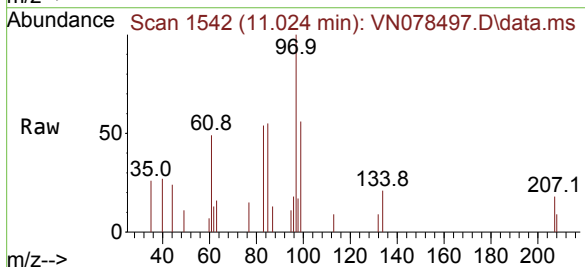
Ion Ratio Lower Upper

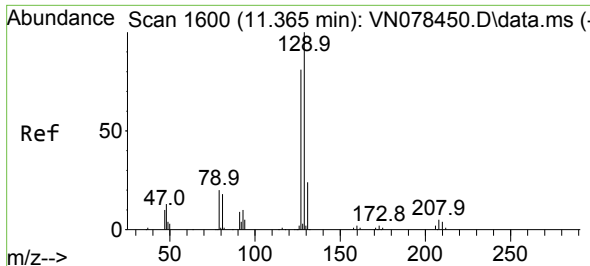
97 100

83 54.4 65.1 97.7#

85 55.0 43.4 65.2

99 55.8 49.2 73.8

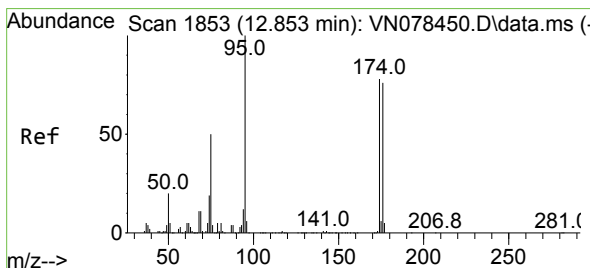
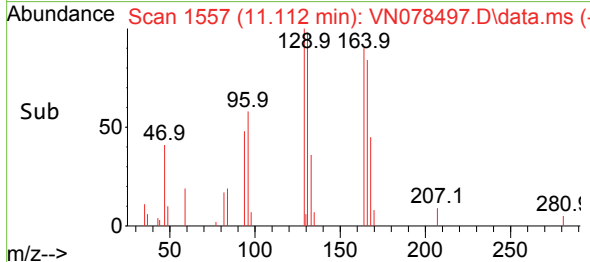
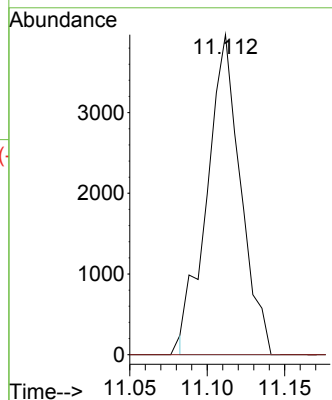
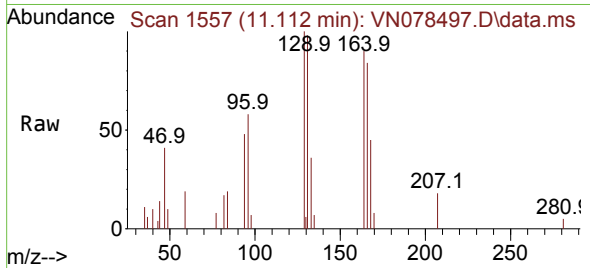




#60
Dibromochloromethane
Concen: 1.040 ug/l
RT: 11.112 min Scan# 1111
Delta R.T. -0.253 min
Lab File: VN078497.D
Acq: 13 Jul 2023 14:35

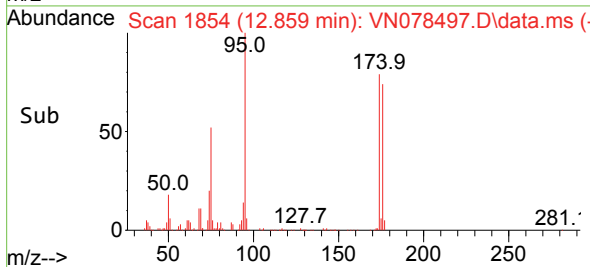
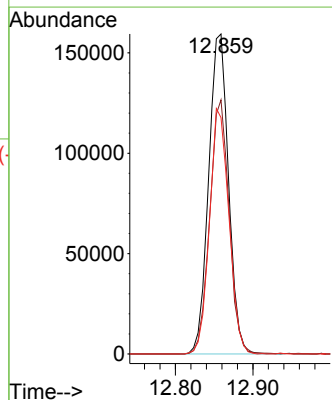
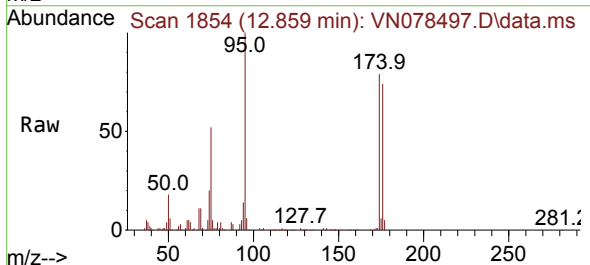
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-RW5A-20230712

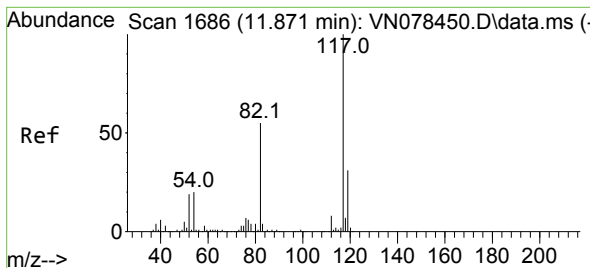
Tgt Ion:129 Resp: 5995
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#



#62
4-Bromofluorobenzene
Concen: 48.713 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078497.D
Acq: 13 Jul 2023 14:35

Tgt Ion: 95 Resp: 283465
Ion Ratio Lower Upper
95 100
174 77.5 0.0 143.8
176 75.0 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.876 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN078497.D

Acq: 13 Jul 2023 14:35

Instrument :

MSVOA_N

ClientSampleId :

BP-TT-RW5A-20230712

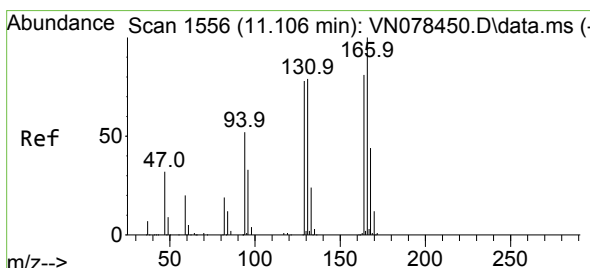
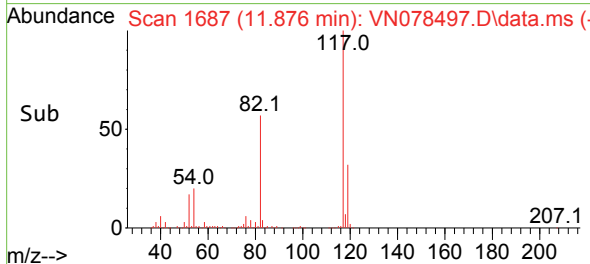
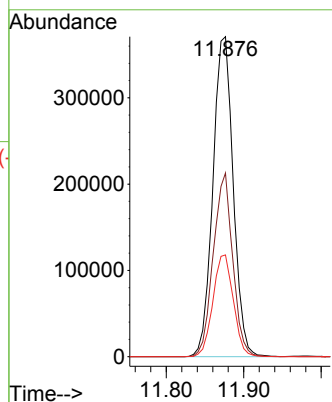
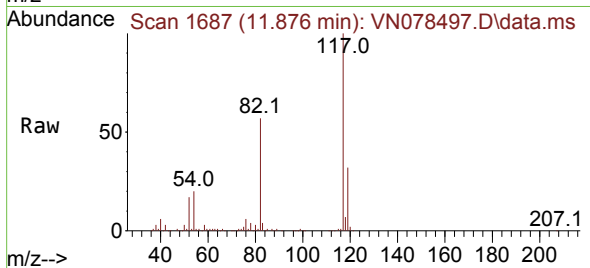
Tgt Ion:117 Resp: 675513

Ion Ratio Lower Upper

117 100

82 57.4 44.0 66.0

119 31.8 25.6 38.4



#64

Tetrachloroethene

Concen: 1.129 ug/l

RT: 11.112 min Scan# 1557

Delta R.T. 0.006 min

Lab File: VN078497.D

Acq: 13 Jul 2023 14:35

Tgt Ion:164 Resp: 5734

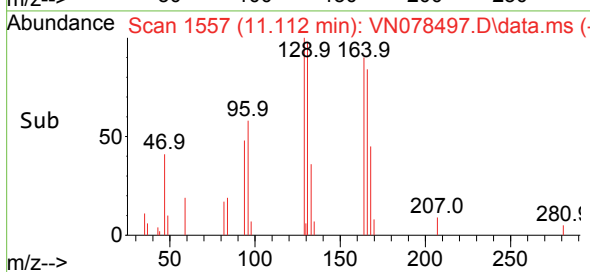
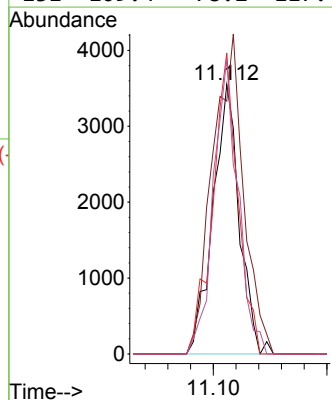
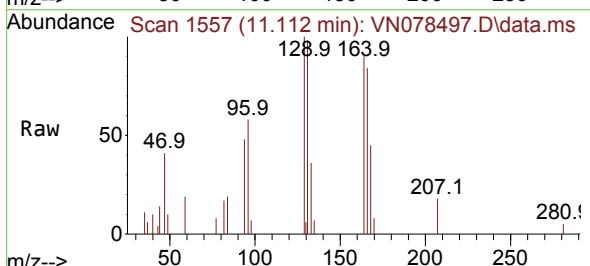
Ion Ratio Lower Upper

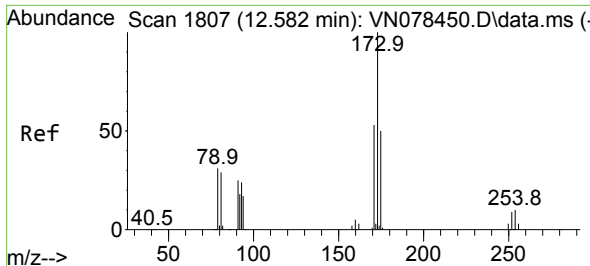
164 100

166 93.9 101.4 152.0#

129 111.7 82.4 123.6

131 109.4 78.2 117.4

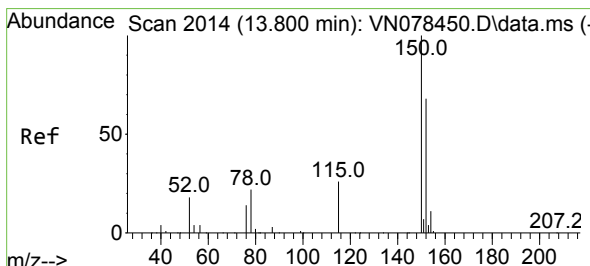
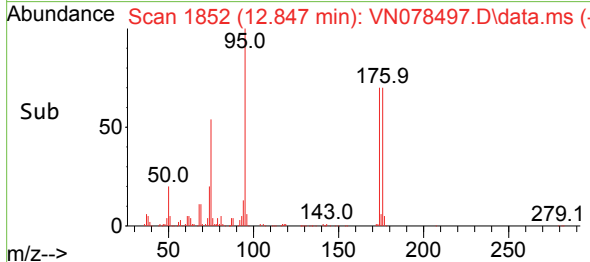
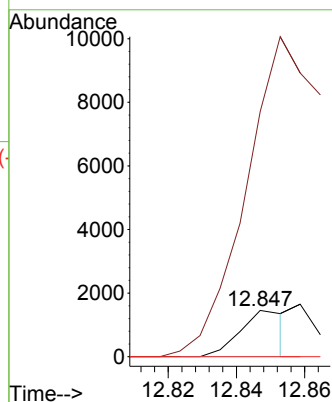
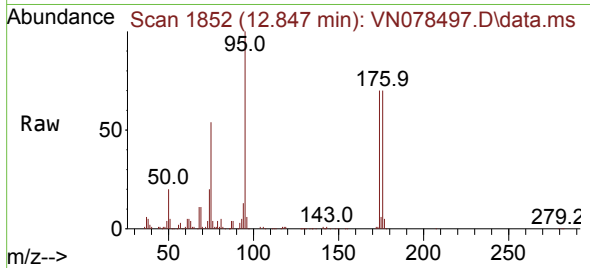




#71
Bromoform
Concen: 0.341 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.265 min
Lab File: VN078497.D
Acq: 13 Jul 2023 14:35

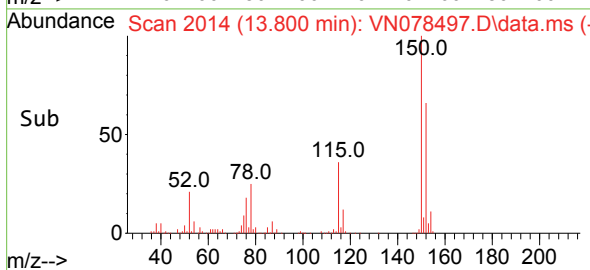
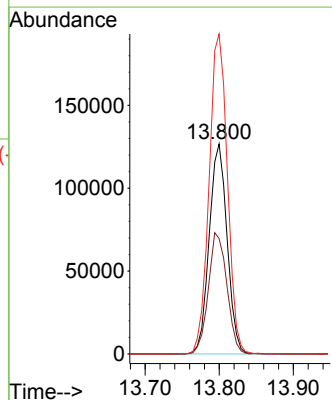
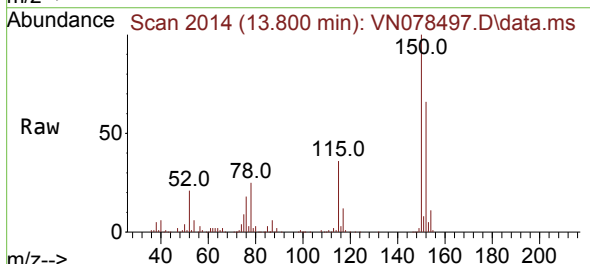
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-RW5A-20230712

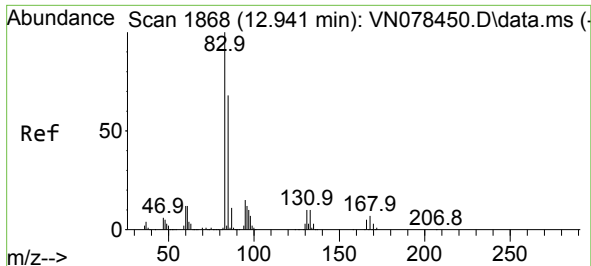
Tgt Ion:173 Resp: 1343
Ion Ratio Lower Upper
173 100
175 890.2 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078497.D
Acq: 13 Jul 2023 14:35

Tgt Ion:152 Resp: 212893
Ion Ratio Lower Upper
152 100
115 59.7 32.3 96.8
150 155.5 0.0 355.8

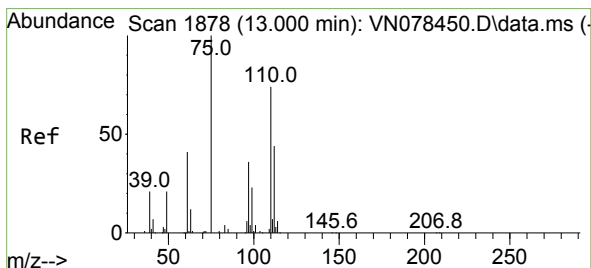
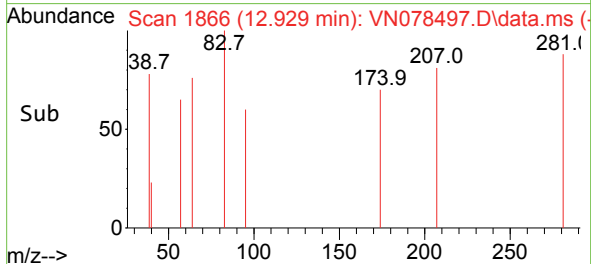
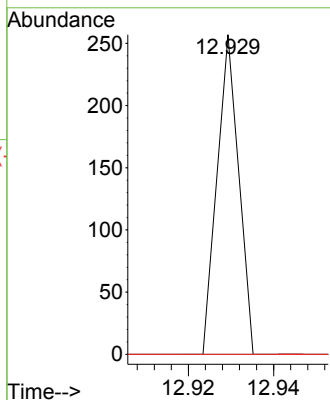
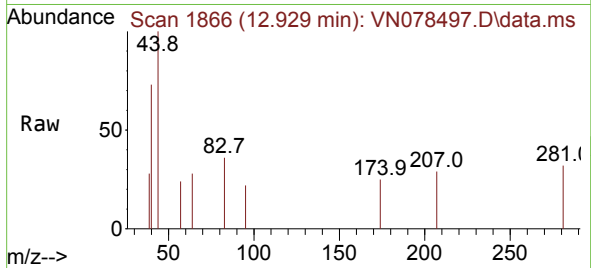




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.929 min Scan# 1866
Delta R.T. -0.012 min
Lab File: VN078497.D
Acq: 13 Jul 2023 14:35

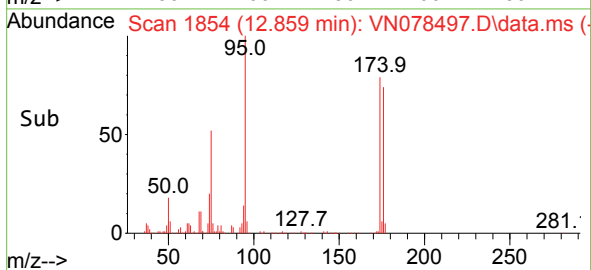
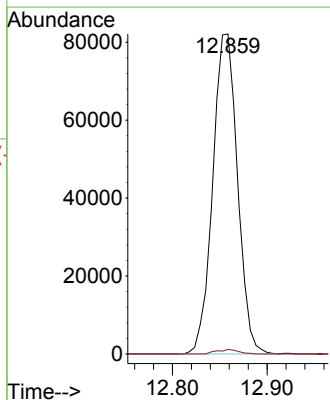
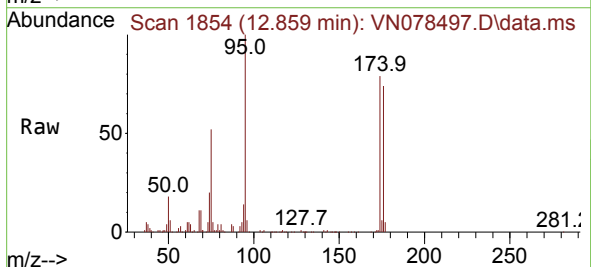
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-RW5A-20230712

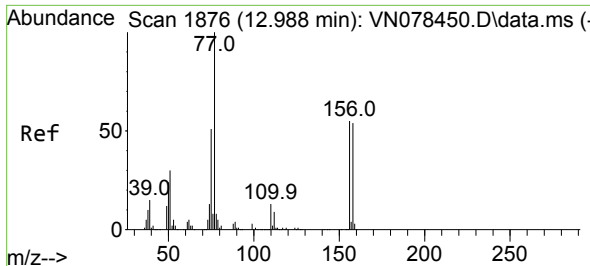
Tgt Ion: 83 Resp: 91
Ion Ratio Lower Upper
83 100
131 0.0 5.0 15.0#
85 0.0 31.9 95.7#



#76
1,2,3-Trichloropropane
Concen: 29.024 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. -0.141 min
Lab File: VN078497.D
Acq: 13 Jul 2023 14:35

Tgt Ion: 75 Resp: 149353
Ion Ratio Lower Upper
75 100
77 1.2 84.5 253.5#

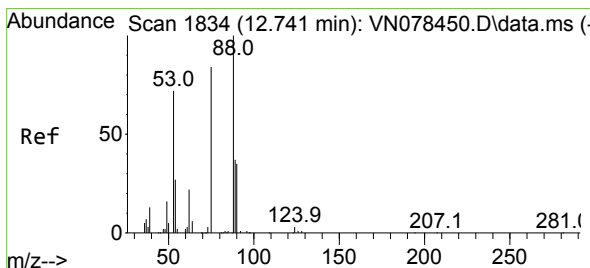
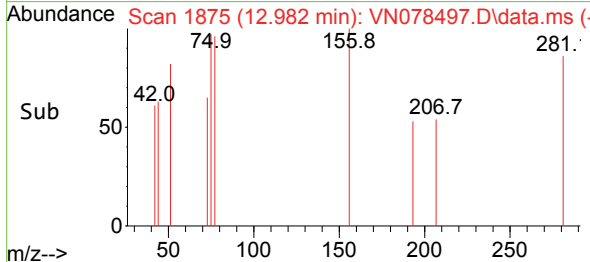
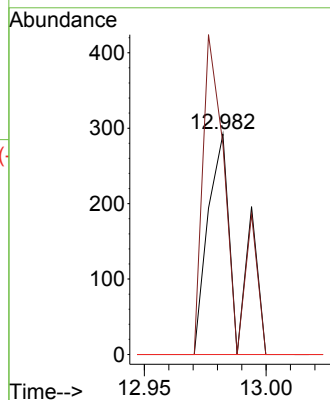
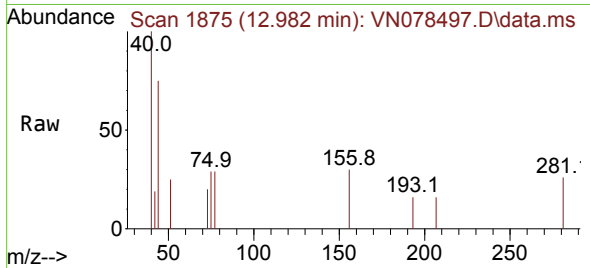




#77
Bromobenzene
Concen: Below Cal
RT: 12.982 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN078497.D
Acq: 13 Jul 2023 14:35

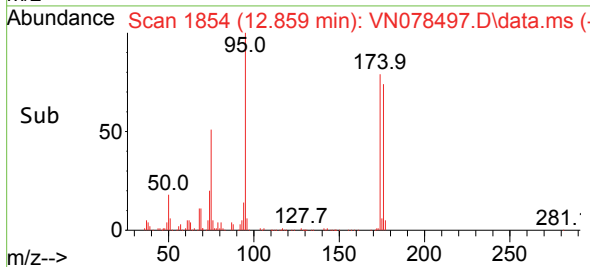
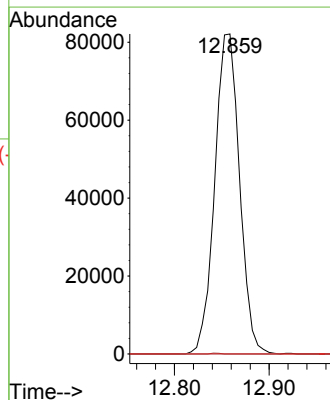
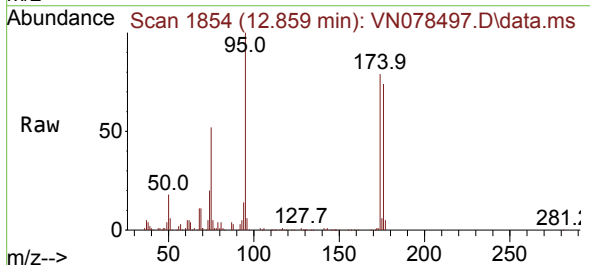
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-RW5A-20230712

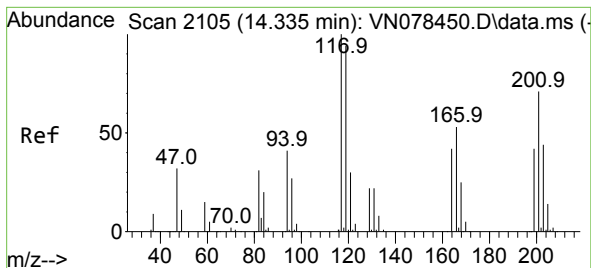
Tgt Ion:156 Resp: 241
Ion Ratio Lower Upper
156 100
77 130.3 107.7 323.3
158 0.0 48.4 145.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.269 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.118 min
Lab File: VN078497.D
Acq: 13 Jul 2023 14:35

Tgt Ion: 75 Resp: 149353
Ion Ratio Lower Upper
75 100
53 0.1 67.4 101.2#
89 0.0 38.8 58.2#





#90

Hexachloroethane

Concen: Below Cal

RT: 14.512 min Scan# 2105

Delta R.T. 0.177 min

Lab File: VN078497.D

Acq: 13 Jul 2023 14:35

Instrument :

MSVOA_N

ClientSampleId :

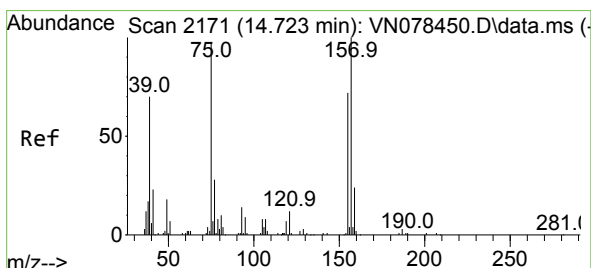
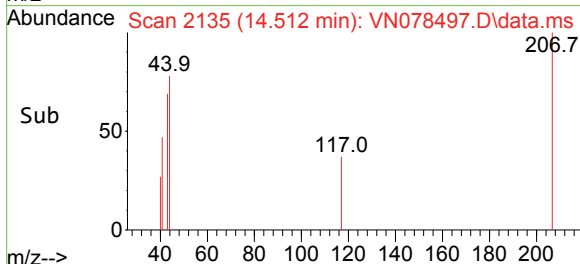
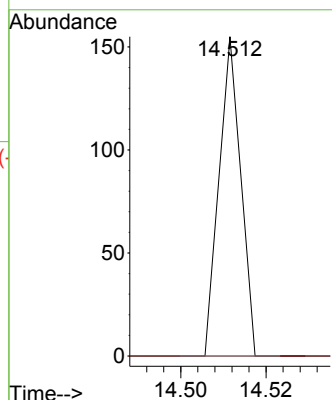
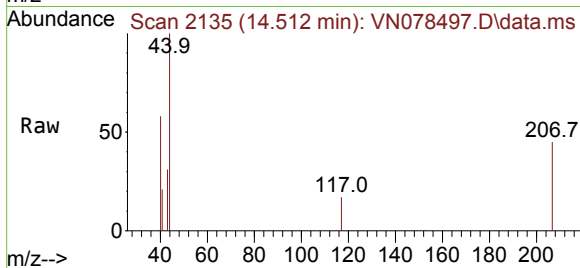
BP-TT-RW5A-20230712

Tgt Ion:117 Resp: 55

Ion Ratio Lower Upper

117 100

201 0.0 29.3 88.0#



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.594 min Scan# 2149

Delta R.T. -0.129 min

Lab File: VN078497.D

Acq: 13 Jul 2023 14:35

Tgt Ion: 75 Resp: 56

Ion Ratio Lower Upper

75 100

155 0.0 39.1 117.2#

157 0.0 50.3 150.9#

