

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071323\
 Data File : VN078504.D
 Acq On : 13 Jul 2023 17:51
 Operator : JC\MD
 Sample : 03611-02DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Jul 14 01:36:35 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	397962	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	716990	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	674900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	223607	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	272122	51.006	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.020%	
35) Dibromofluoromethane	8.177	113	274121	56.321	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 112.640%	
50) Toluene-d8	10.571	98	840689	45.723	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 91.440%	
62) 4-Bromofluorobenzene	12.853	95	288708	50.977	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.960%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	1132	0.232	ug/l	88
3) Chloromethane	2.371	50	1633	0.308	ug/l #	82
5) Bromomethane	2.959	94	2145	Below Cal	#	36
6) Chloroethane	3.118	64	93	Below Cal	#	43
9) 1,1,2-Trichlorotrifluo...	4.383	101	14795	3.408	ug/l	98
10) Methyl Iodide	4.612	142	1253	0.210	ug/l #	64
12) 1,1-Dichloroethene	4.347	96	6222	1.482	ug/l #	81
13) Acrolein	4.177	56	319	0.394	ug/l #	16
16) Acetone	4.459	43	1455	0.876	ug/l #	86
17) Carbon Disulfide	4.730	76	3389	0.279	ug/l #	75
20) Methylene Chloride	5.294	84	2691	Below Cal	#	79
24) 1,1-Dichloroethane	6.571	63	1973	0.228	ug/l #	81
27) cis-1,2-Dichloroethene	7.488	96	2038	0.372	ug/l #	1
29) Tetrahydrofuran	7.865	42	723	0.421	ug/l #	46
31) Cyclohexane	8.230	56	9308	1.291	ug/l #	29
36) 1,1-Dichloropropene	8.235	75	32975	4.692	ug/l #	48
38) Carbon Tetrachloride	8.365	117	1600	0.209	ug/l #	46
44) Trichloroethene	9.365	130	271317	48.351	ug/l	94
49) 1,4-Dioxane	9.706	88	541	5.552	ug/l #	30
51) 4-Methyl-2-Pentanone	10.459	43	2060	0.359	ug/l #	78
55) 1,1,2-Trichloroethane	11.024	97	1237	0.243	ug/l #	49
59) 2-Hexanone	11.212	43	2301	0.564	ug/l	88
64) Tetrachloroethene	11.118	164	1518	0.299	ug/l #	77
68) m/p-Xylenes	12.076	106	2174	0.231	ug/l	83
75) 1,1,2,2-Tetrachloroethane	12.947	83	976	Below Cal	#	95
76) 1,2,3-Trichloropropane	12.853	75	154571	28.599	ug/l #	1
77) Bromobenzene	12.982	156	843	Below Cal		81
81) trans-1,4-Dichloro-2-b...	12.853	75	154571	75.152	ug/l #	15
82) 4-Chlorotoluene	13.229	91	2895	0.211	ug/l	80
87) 1,3-Dichlorobenzene	13.735	146	2499	0.310	ug/l	90
88) 1,4-Dichlorobenzene	13.735	146	2499	0.308	ug/l	93
89) n-Butylbenzene	14.070	91	3034	0.296	ug/l	95
90) Hexachloroethane	14.341	117	497	Below Cal	#	21
92) 1,2-Dibromo-3-Chloropr...	14.729	75	217	Below Cal	#	18
93) 1,2,4-Trichlorobenzene	15.406	180	1690	0.660	ug/l #	72
94) Hexachlorobutadiene	15.511	225	1261	Below Cal		84

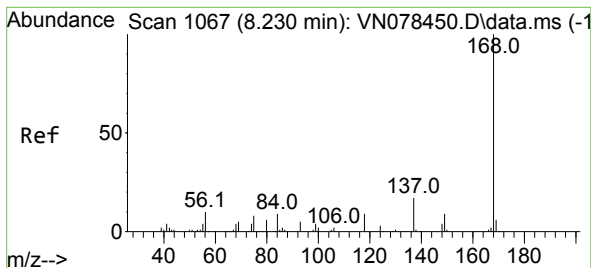
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071323\
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Quant Title : SW846 8260
QLast Update : Mon Jul 10 16:13:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.641	128	7414	0.847	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.847	180	2517	0.854	ug/l #	90

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.235 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN078504.D

Acq: 13 Jul 2023 17:51

Instrument :

MSVOA_N

ClientSampleId :

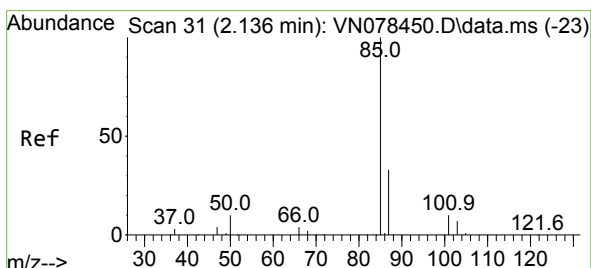
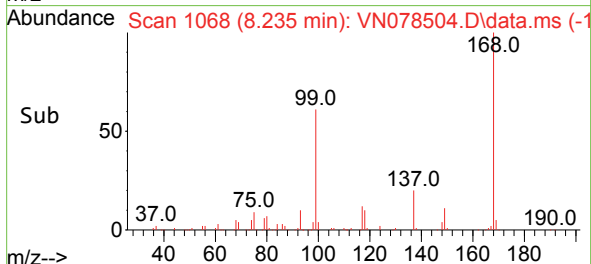
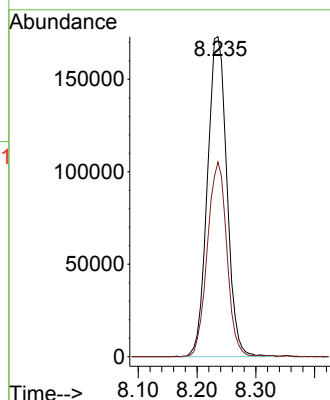
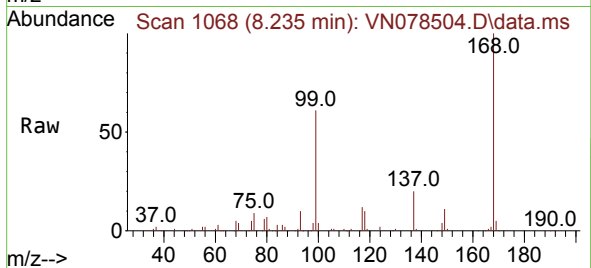
BP-TT-RW5A-20230712DL

Tgt Ion:168 Resp: 397962

Ion Ratio Lower Upper

168 100

99 60.9 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 0.232 ug/l

RT: 2.130 min Scan# 30

Delta R.T. -0.006 min

Lab File: VN078504.D

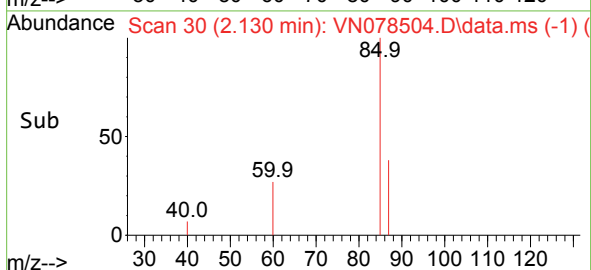
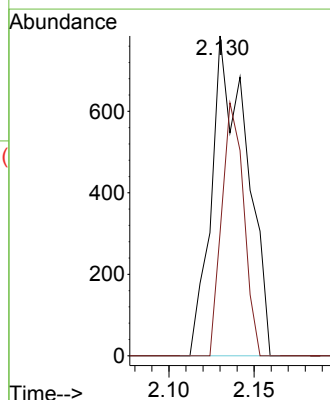
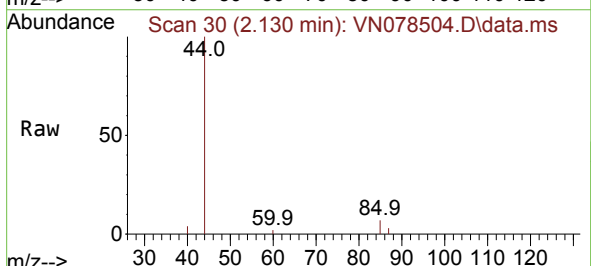
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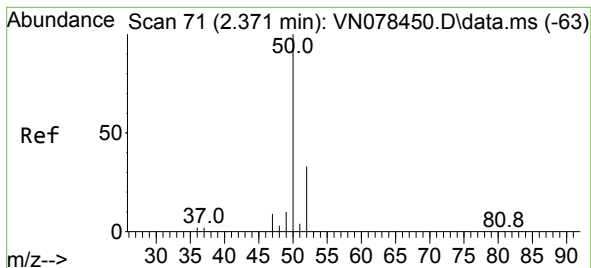
Tgt Ion: 85 Resp: 1132

Ion Ratio Lower Upper

85 100

87 38.3 15.8 47.4





#3

Chloromethane

Concen: 0.308 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN078504.D

Acq: 13 Jul 2023 17:51

Instrument :

MSVOA_N

ClientSampleId :

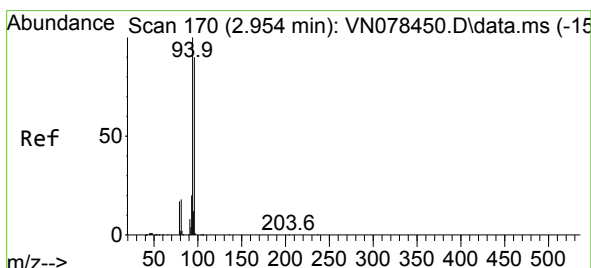
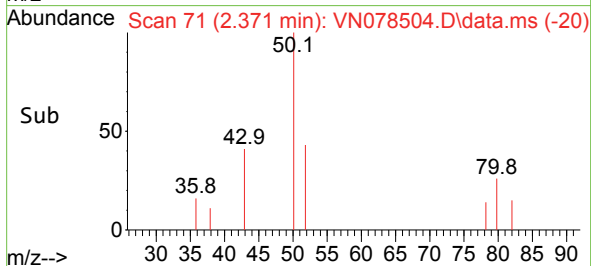
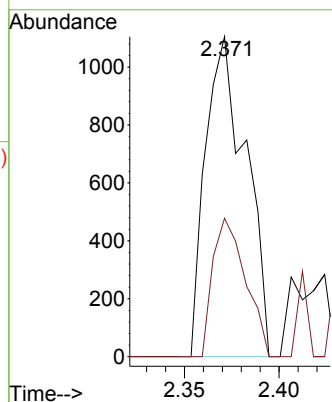
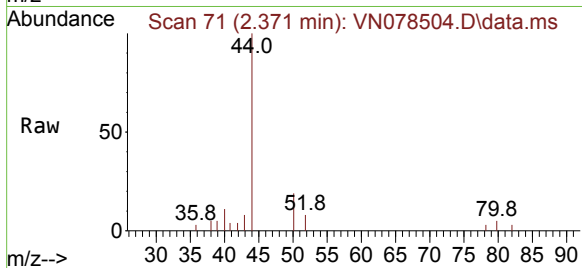
BP-TT-RW5A-20230712DL

Tgt Ion: 50 Resp: 1633

Ion Ratio Lower Upper

50 100

52 43.3 26.5 39.7#



#5

Bromomethane

Concen: Below Cal

RT: 2.959 min Scan# 171

Delta R.T. 0.005 min

Lab File: VN078504.D

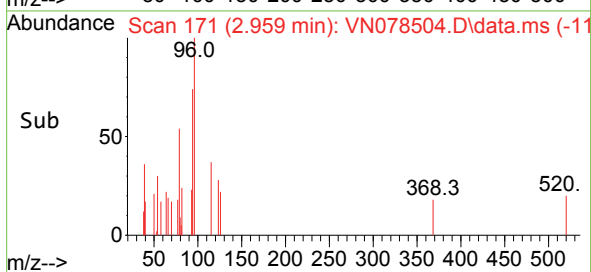
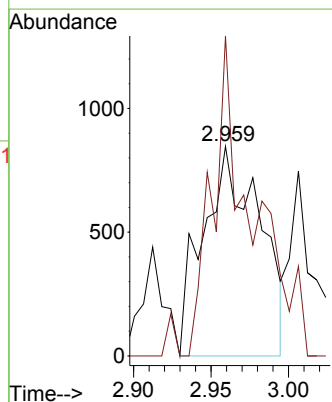
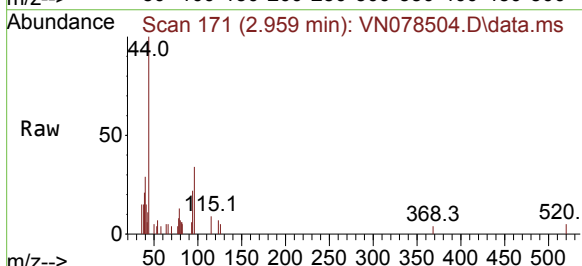
Acq: 13 Jul 2023 17:51

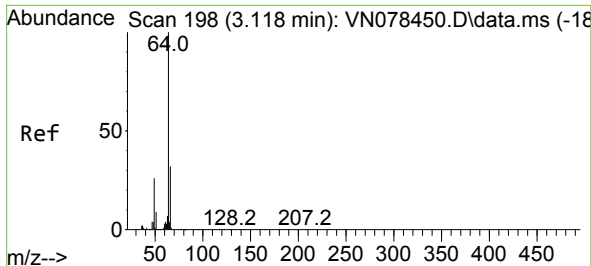
Tgt Ion: 94 Resp: 2145

Ion Ratio Lower Upper

94 100

96 152.7 73.1 109.7#

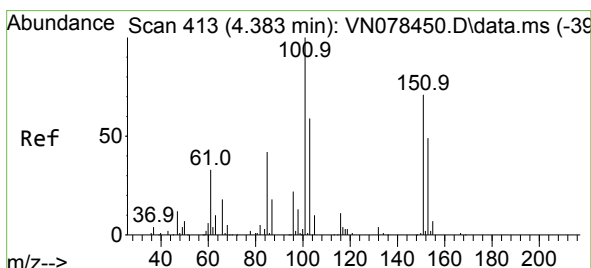
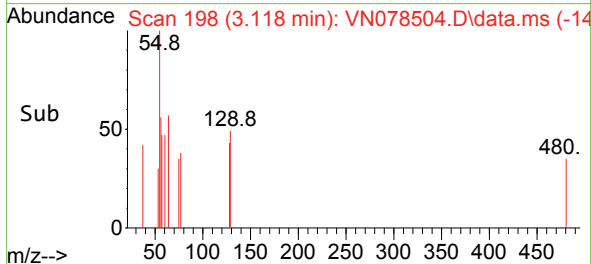
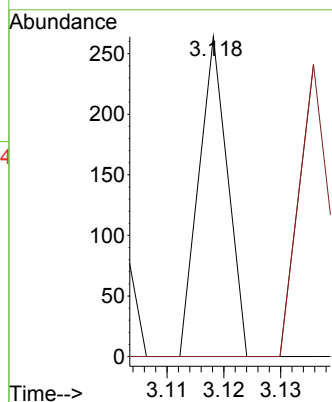
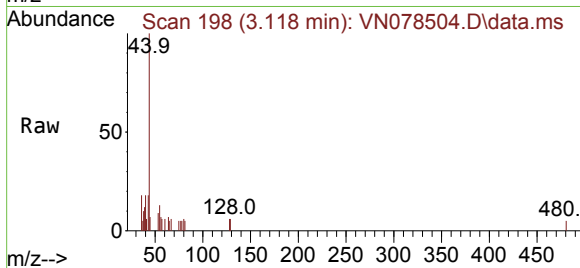




#6
Chloroethane
Concen: Below Cal
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN078504.D
Acq: 13 Jul 2023 17:51

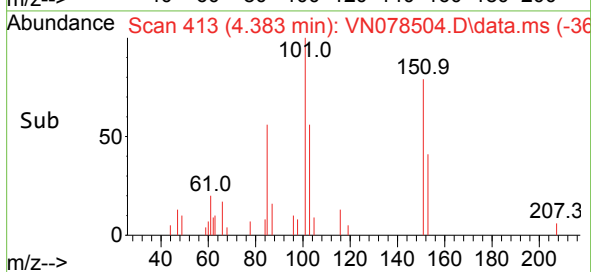
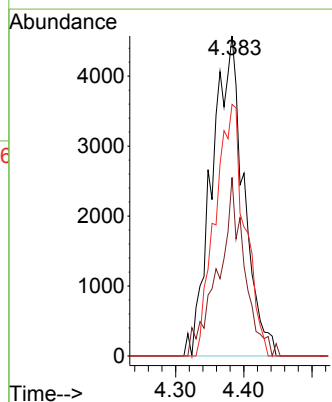
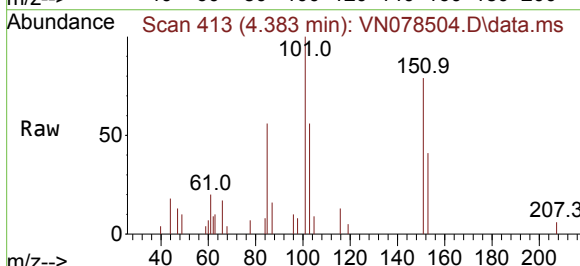
Instrument :
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BP-TT-RW5A-20230712DL

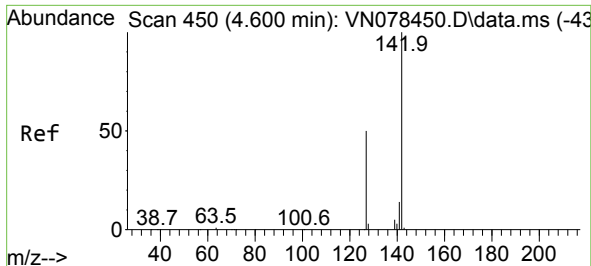
Tgt Ion: 64 Resp: 93
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.408 ug/l
RT: 4.383 min Scan# 413
Delta R.T. -0.000 min
Lab File: VN078504.D
Acq: 13 Jul 2023 17:51

Tgt Ion:101 Resp: 14795
Ion Ratio Lower Upper
101 100
85 46.3 36.6 55.0
151 73.8 57.6 86.4

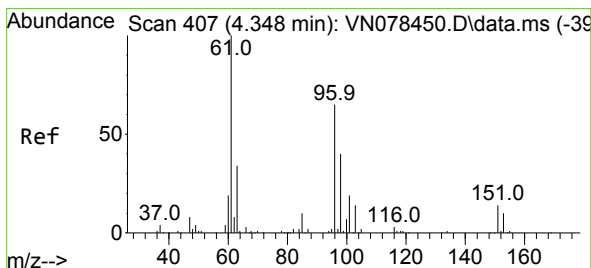
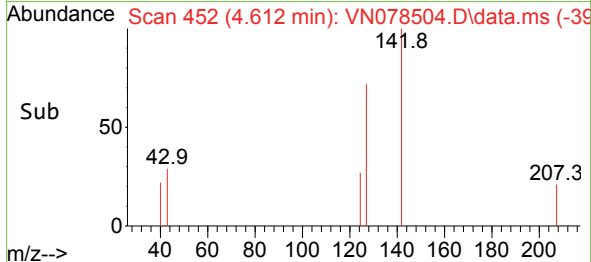
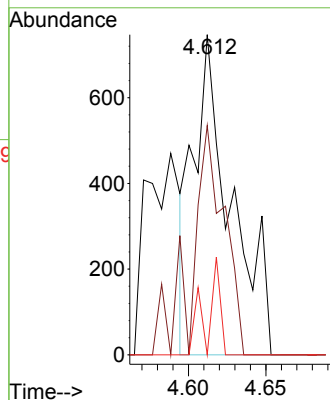
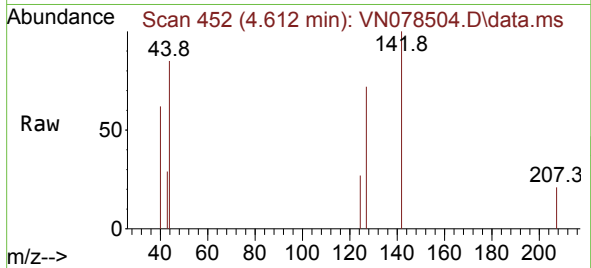




#10
Methyl Iodide
Concen: 0.210 ug/l
RT: 4.612 min Scan# 412
Delta R.T. 0.012 min
Lab File: VN078504.D
Acq: 13 Jul 2023 17:51

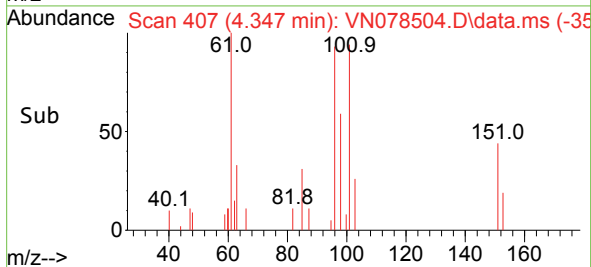
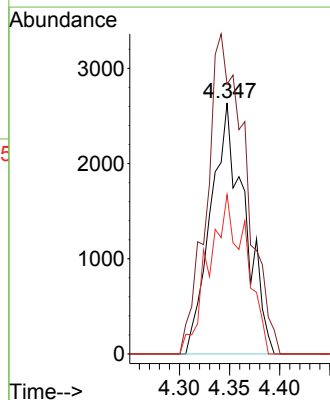
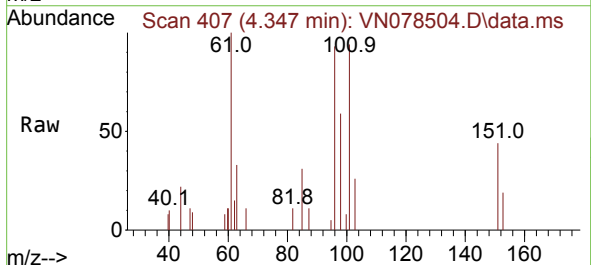
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ClientSampleId :
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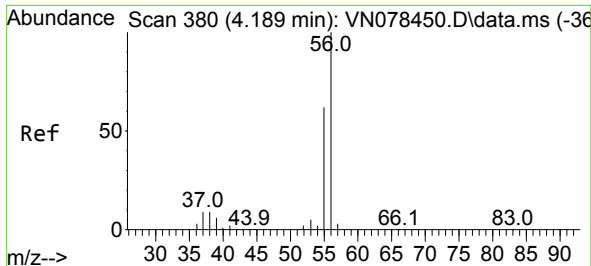
Tgt Ion:142 Resp: 1253
Ion Ratio Lower Upper
142 100
127 71.6 37.6 56.4#
141 0.0 11.4 17.0#



#12
1,1-Dichloroethene
Concen: 1.482 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.001 min
Lab File: VN078504.D
Acq: 13 Jul 2023 17:51

Tgt Ion: 96 Resp: 6222
Ion Ratio Lower Upper
96 100
61 107.5 112.7 169.1#
98 63.5 51.2 76.8

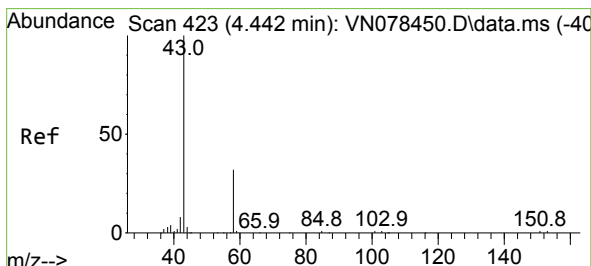
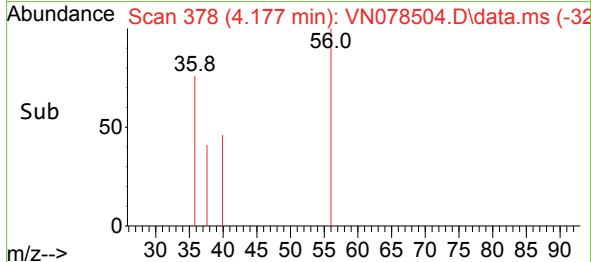
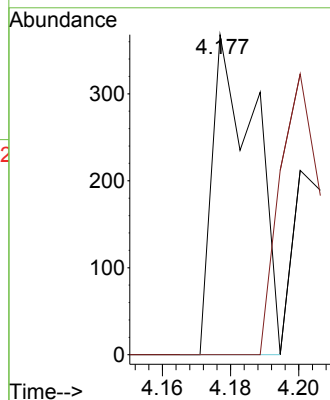
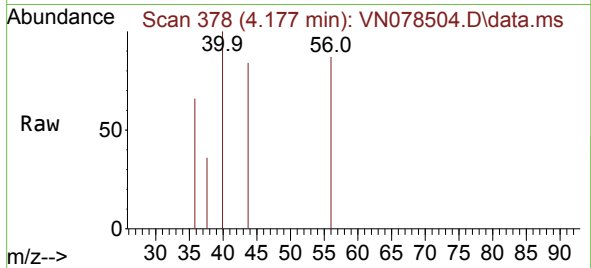




#13
Acrolein
Concen: 0.394 ug/l
RT: 4.177 min Scan# 319
Delta R.T. -0.012 min
Lab File: VN078504.D
Acq: 13 Jul 2023 17:51

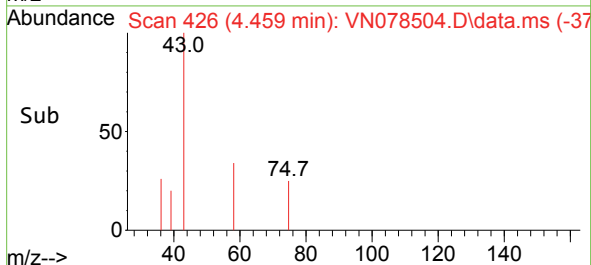
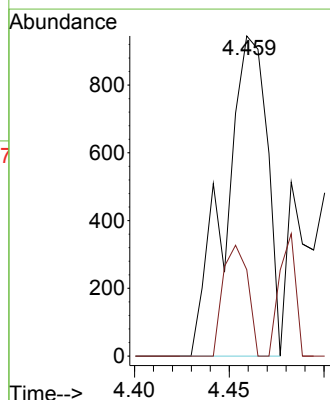
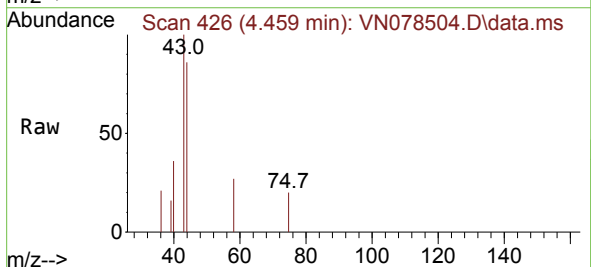
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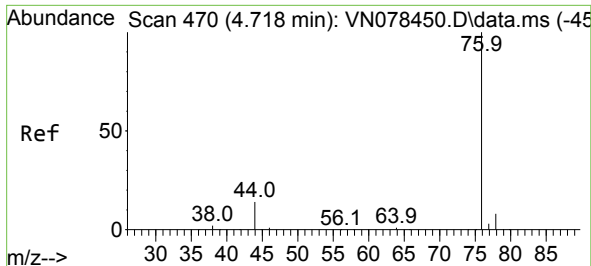
Tgt Ion: 56 Resp: 319
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7#



#16
Acetone
Concen: 0.876 ug/l
RT: 4.459 min Scan# 426
Delta R.T. 0.017 min
Lab File: VN078504.D
Acq: 13 Jul 2023 17:51

Tgt Ion: 43 Resp: 1455
Ion Ratio Lower Upper
43 100
58 27.0 28.0 42.0#

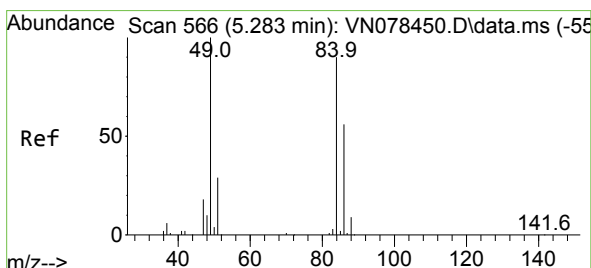
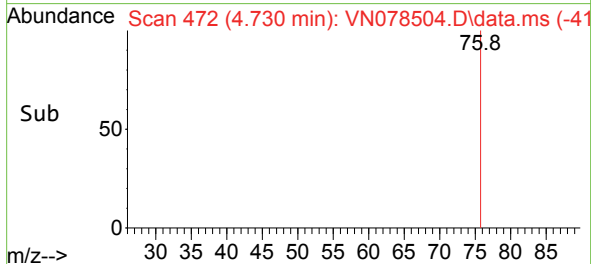
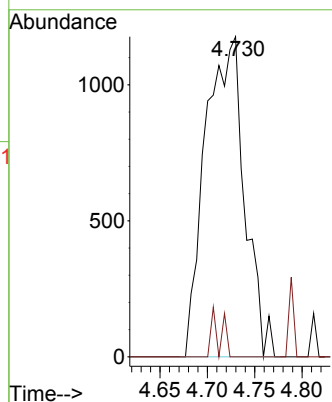
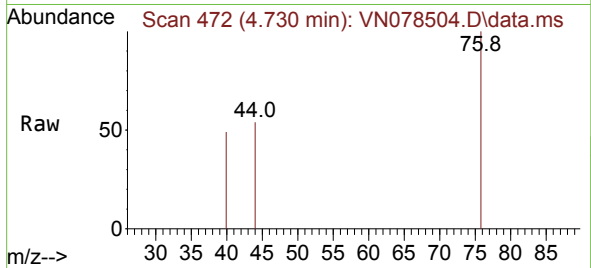




#17
Carbon Disulfide
Concen: 0.279 ug/l
RT: 4.730 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN078504.D
Acq: 13 Jul 2023 17:51

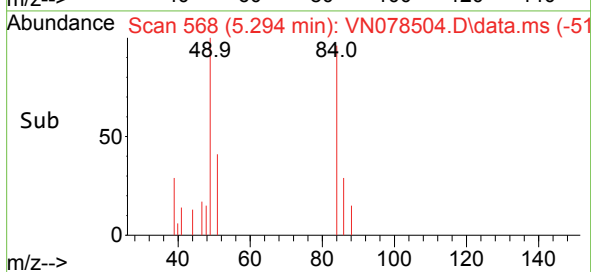
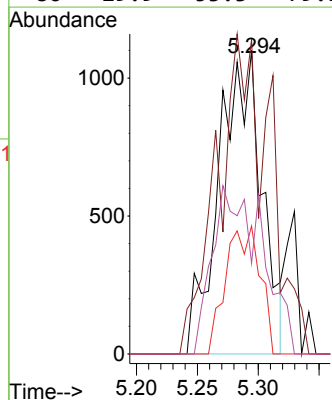
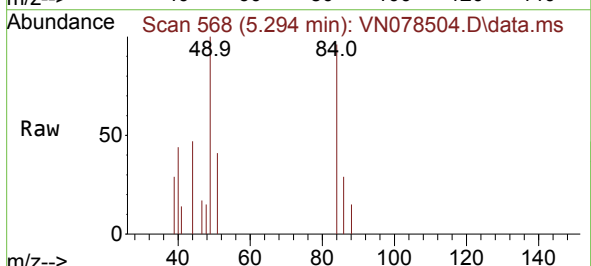
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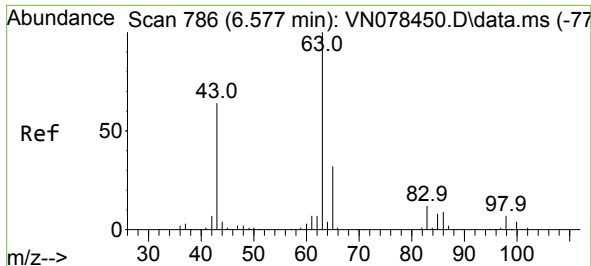
Tgt Ion: 76 Resp: 3389
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.294 min Scan# 568
Delta R.T. 0.011 min
Lab File: VN078504.D
Acq: 13 Jul 2023 17:51

Tgt Ion: 84 Resp: 2691
Ion Ratio Lower Upper
84 100
49 103.7 79.7 119.5
51 42.2 25.2 37.8#
86 29.9 53.3 79.9#

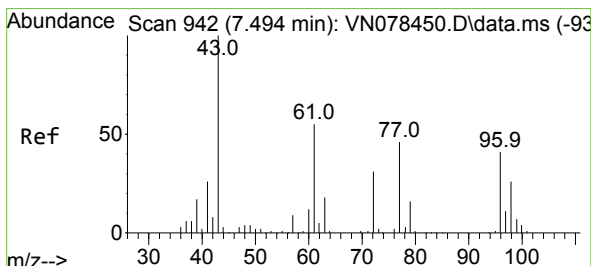
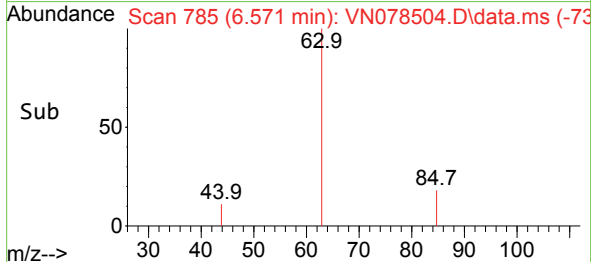
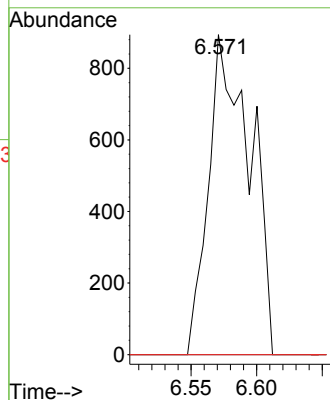
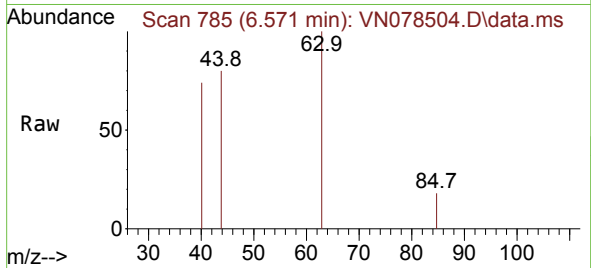




#24
1,1-Dichloroethane
Concen: 0.228 ug/l
RT: 6.571 min Scan# 71
Delta R.T. -0.006 min
Lab File: VN078504.D
Acq: 13 Jul 2023 17:51

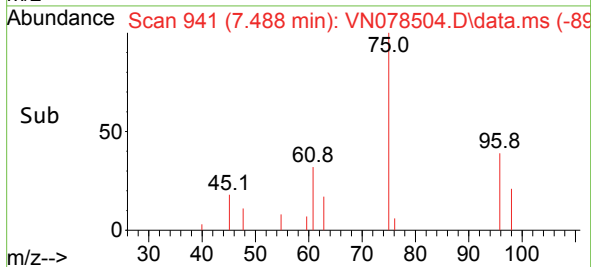
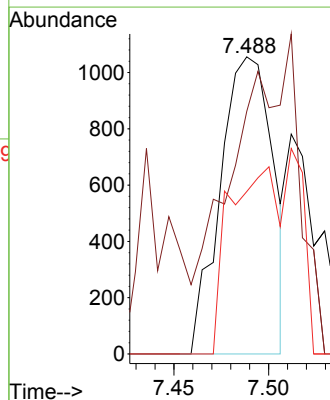
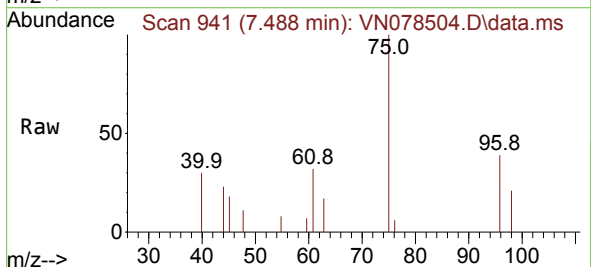
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-RW5A-20230712DL

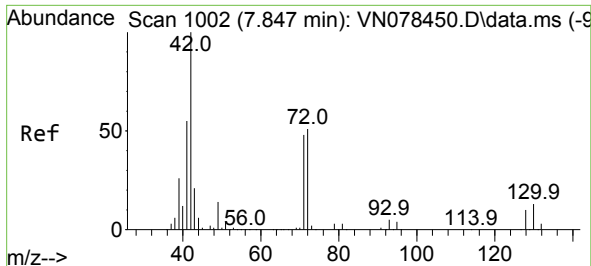
Tgt Ion: 63 Resp: 1973
Ion Ratio Lower Upper
63 100
98 0.0 3.9 11.7#
100 0.0 2.5 7.4#



#27
cis-1,2-Dichloroethene
Concen: 0.372 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078504.D
Acq: 13 Jul 2023 17:51

Tgt Ion: 96 Resp: 2038
Ion Ratio Lower Upper
96 100
61 0.0 0.0 255.2
98 0.0 0.0 128.8

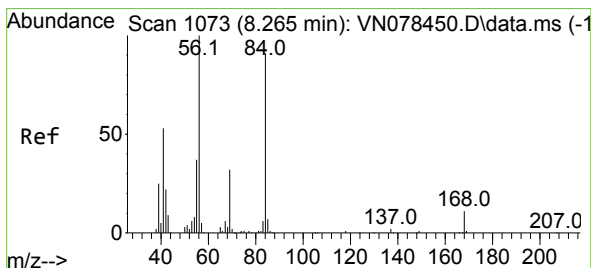
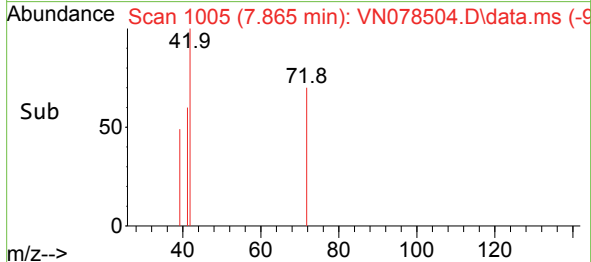
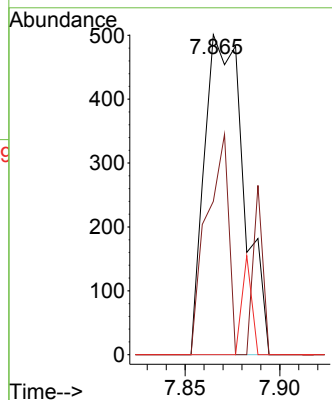
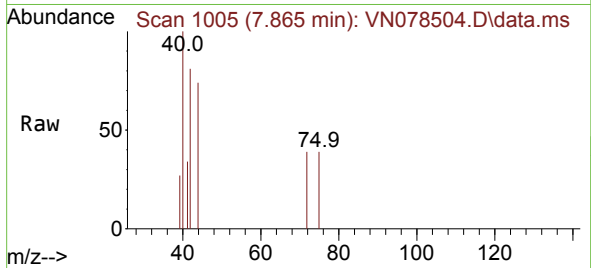




#29
Tetrahydrofuran
Concen: 0.421 ug/l
RT: 7.865 min Scan# 1005
Delta R.T. 0.018 min
Lab File: VN078504.D
Acq: 13 Jul 2023 17:51

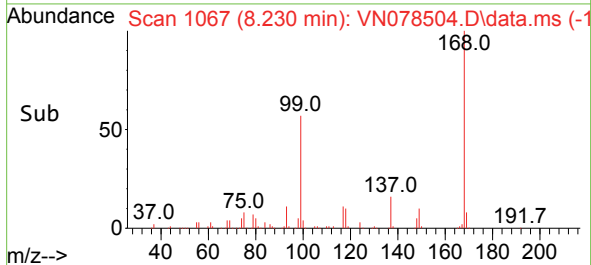
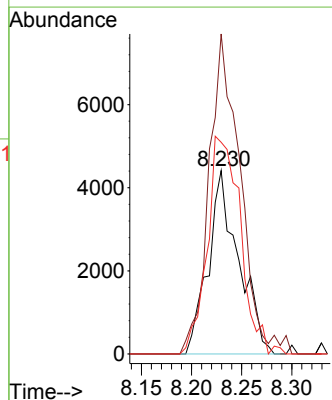
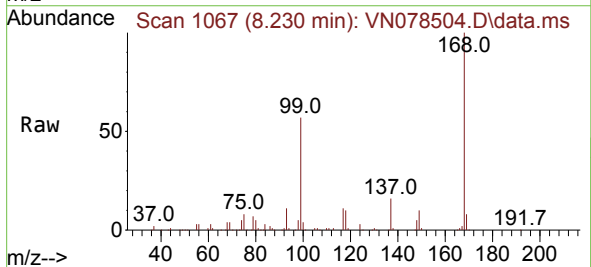
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-RW5A-20230712DL

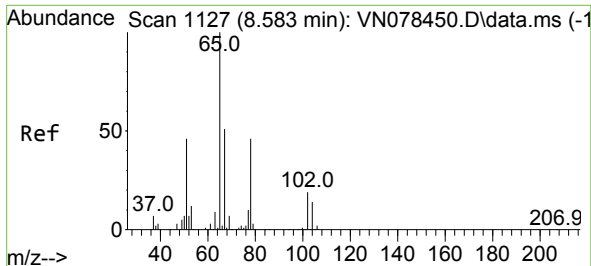
Tgt Ion: 42 Resp: 723
Ion Ratio Lower Upper
42 100
72 38.6 49.8 74.6#
71 0.0 47.4 71.2#



#31
Cyclohexane
Concen: 1.291 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN078504.D
Acq: 13 Jul 2023 17:51

Tgt Ion: 56 Resp: 9308
Ion Ratio Lower Upper
56 100
69 174.6 26.8 40.2#
84 115.4 81.8 122.6





#33

1,2-Dichloroethane-d4

Concen: 51.006 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078504.D

Acq: 13 Jul 2023 17:51

Instrument :

MSVOA_N

ClientSampleId :

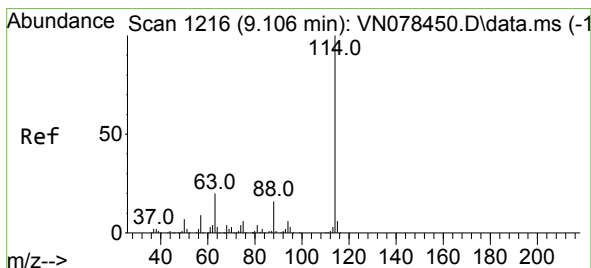
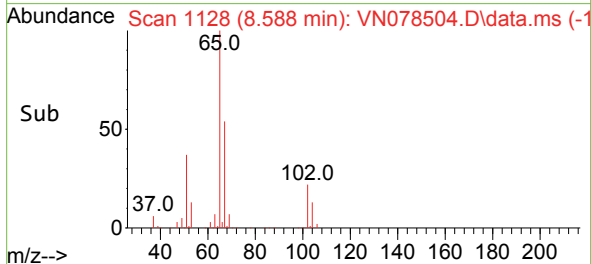
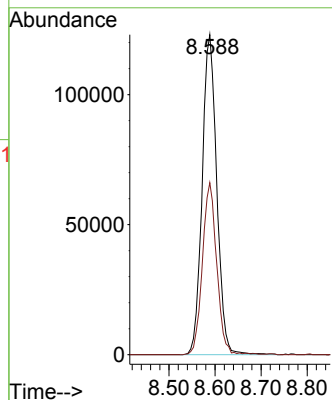
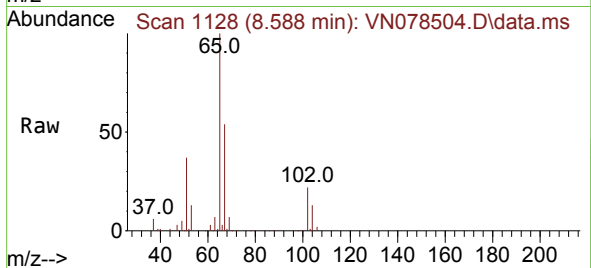
BP-TT-RW5A-20230712DL

Tgt Ion: 65 Resp: 272122

Ion Ratio Lower Upper

65 100

67 52.7 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: VN078504.D

Acq: 13 Jul 2023 17:51

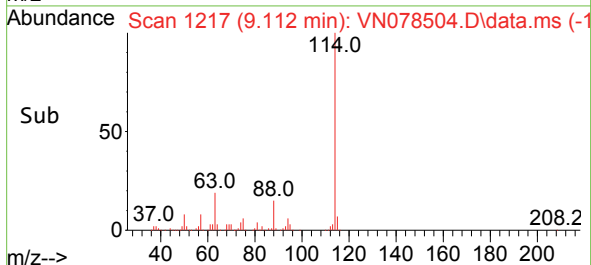
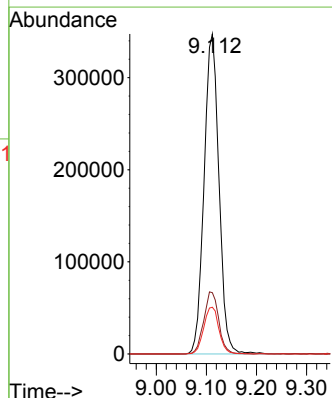
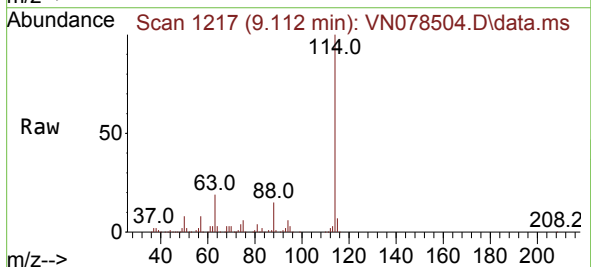
Tgt Ion: 114 Resp: 716990

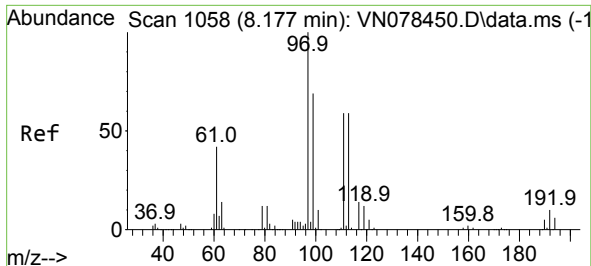
Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.4

88 14.6 0.0 30.6

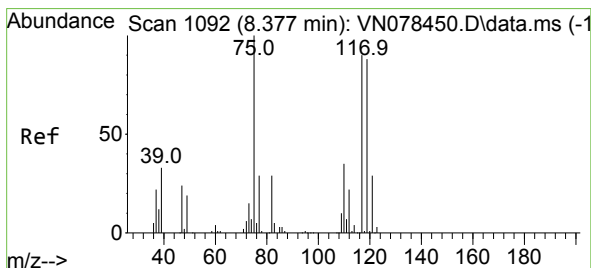
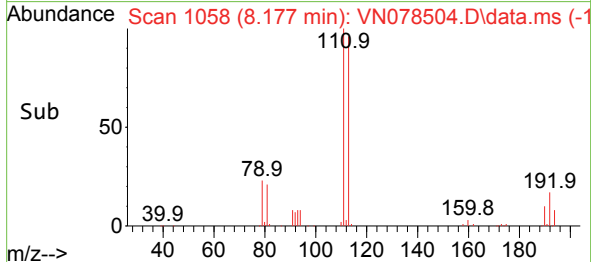
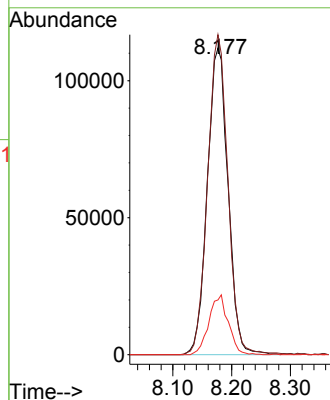
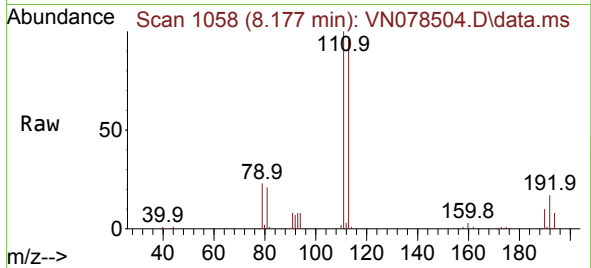




#35
Dibromofluoromethane
Concen: 56.321 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078504.D
Acq: 13 Jul 2023 17:51

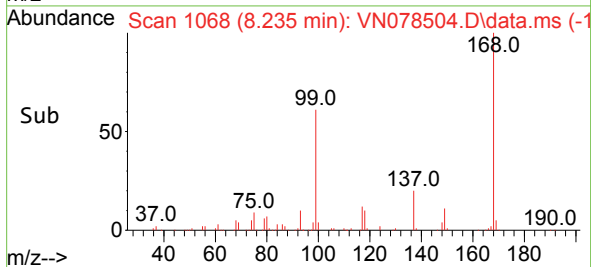
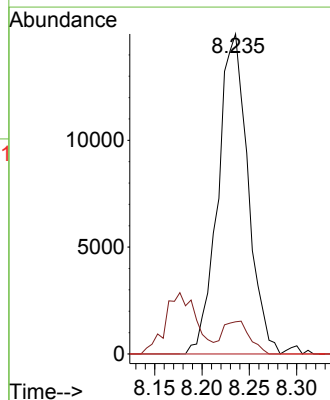
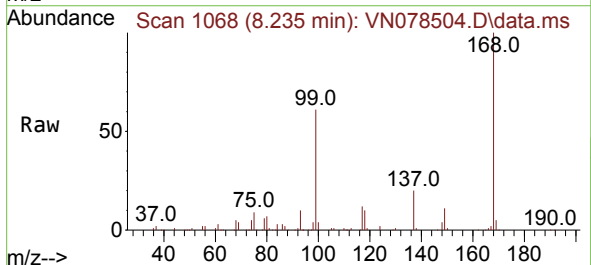
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-RW5A-20230712DL

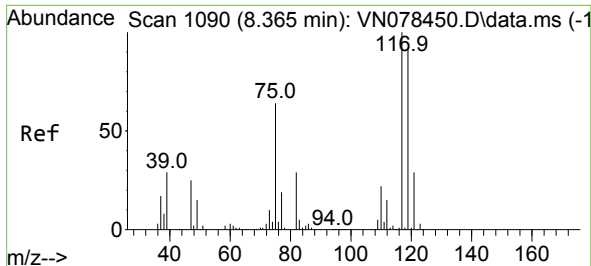
Tgt Ion:113 Resp: 274121
Ion Ratio Lower Upper
113 100
111 102.2 82.6 123.8
192 18.3 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.692 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.142 min
Lab File: VN078504.D
Acq: 13 Jul 2023 17:51

Tgt Ion: 75 Resp: 32975
Ion Ratio Lower Upper
75 100
110 9.3 19.1 57.3#
77 0.0 25.0 37.4#

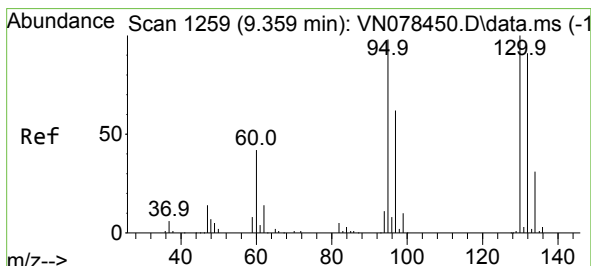
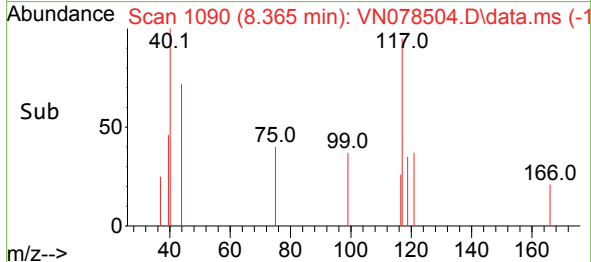
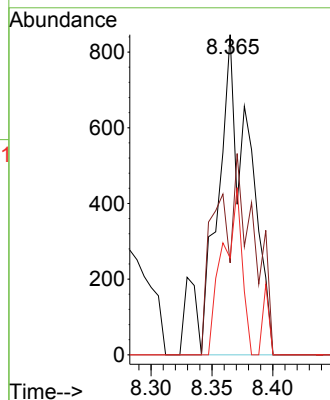
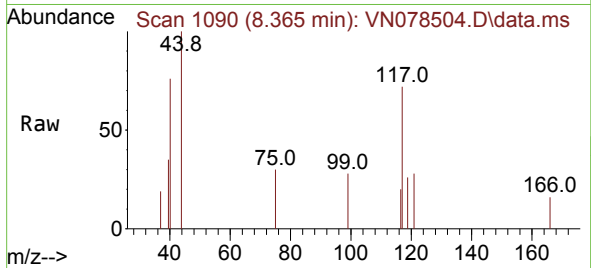




#38
Carbon Tetrachloride
Concen: 0.209 ug/l
RT: 8.365 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN078504.D
Acq: 13 Jul 2023 17:51

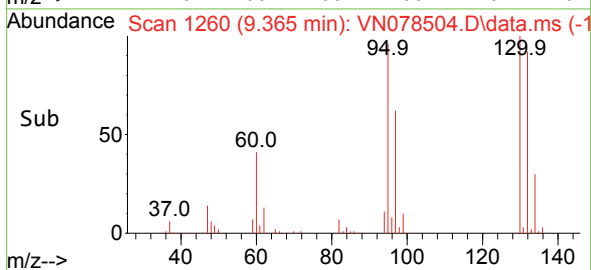
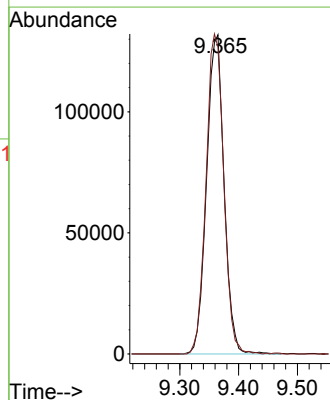
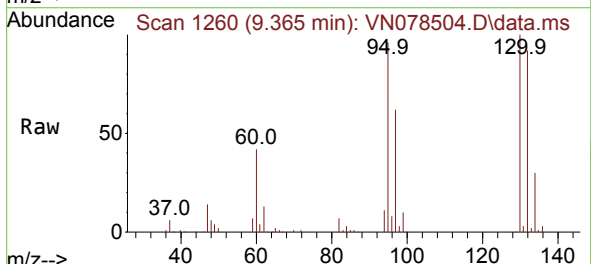
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-RW5A-20230712DL

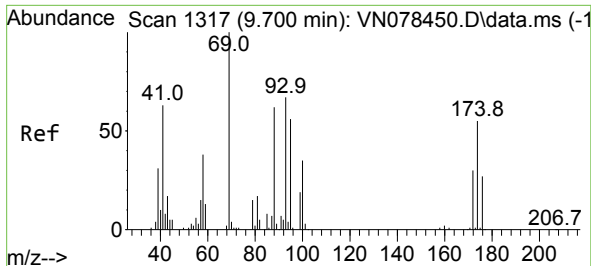
Tgt Ion:117 Resp: 1600
Ion Ratio Lower Upper
117 100
119 28.7 77.3 115.9#
121 30.3 23.3 34.9



#44
Trichloroethene
Concen: 48.351 ug/l
RT: 9.365 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VN078504.D
Acq: 13 Jul 2023 17:51

Tgt Ion:130 Resp: 271317
Ion Ratio Lower Upper
130 100
95 96.0 0.0 204.6





#49

1,4-Dioxane

Concen: 5.552 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078504.D

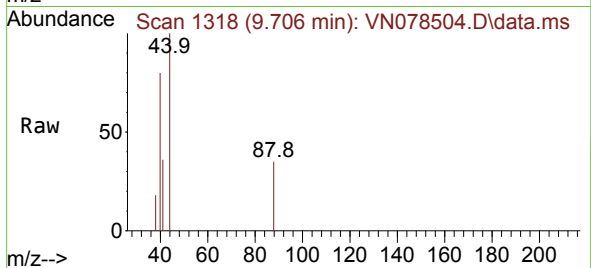
Acq: 13 Jul 2023 17:51

Instrument :

MSVOA_N

ClientSampleId :

BP-TT-RW5A-20230712DL



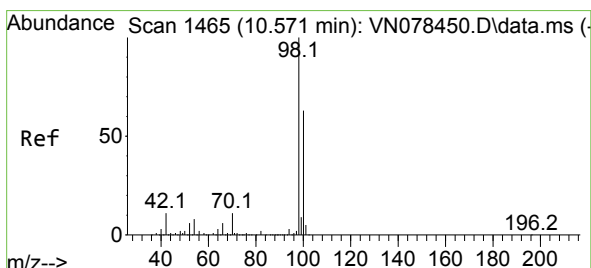
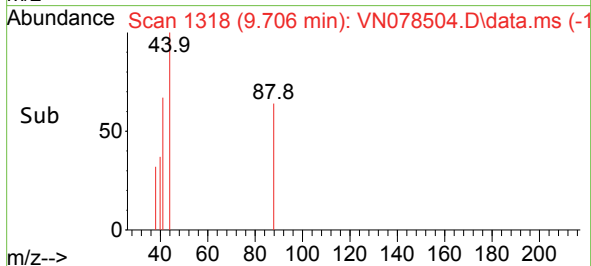
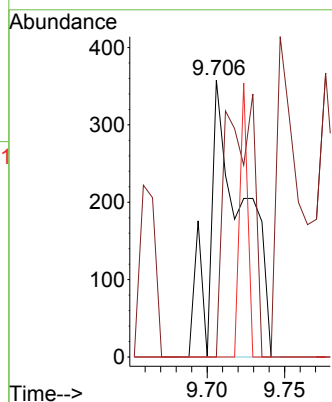
Tgt Ion: 88 Resp: 541

Ion Ratio Lower Upper

88 100

43 0.0 17.0 25.6#

58 0.0 47.0 70.4#



#50

Toluene-d8

Concen: 45.723 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078504.D

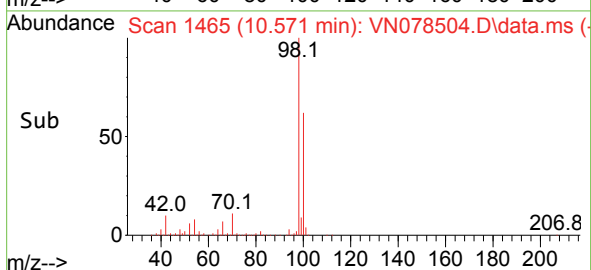
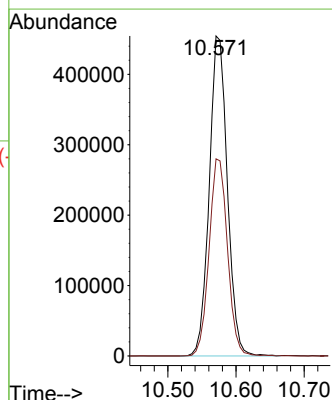
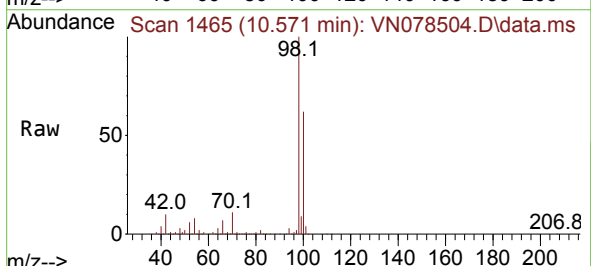
Acq: 13 Jul 2023 17:51

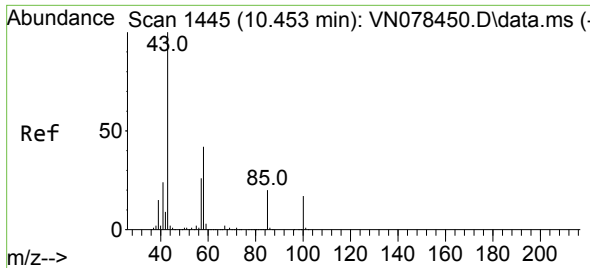
Tgt Ion: 98 Resp: 840689

Ion Ratio Lower Upper

98 100

100 62.5 52.0 78.0

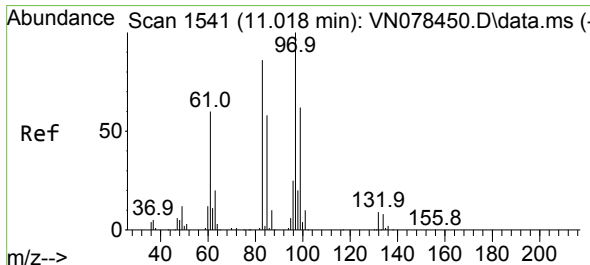
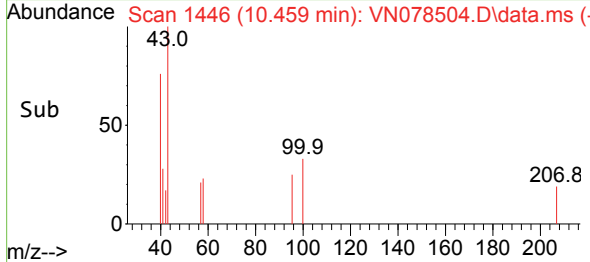
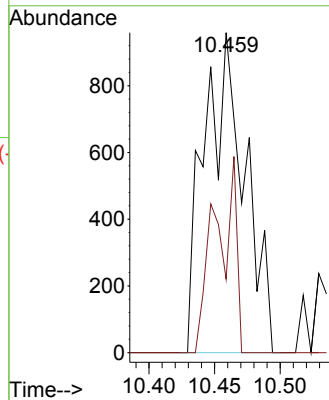
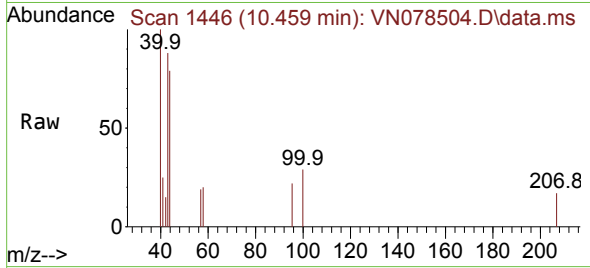




#51
4-Methyl-2-Pentanone
Concen: 0.359 ug/l
RT: 10.459 min Scan# 1446
Delta R.T. 0.006 min
Lab File: VN078504.D
Acq: 13 Jul 2023 17:51

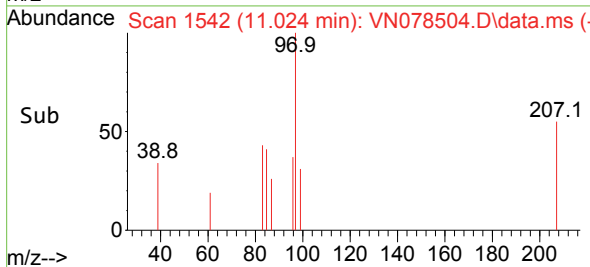
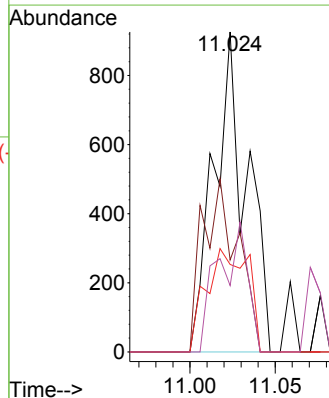
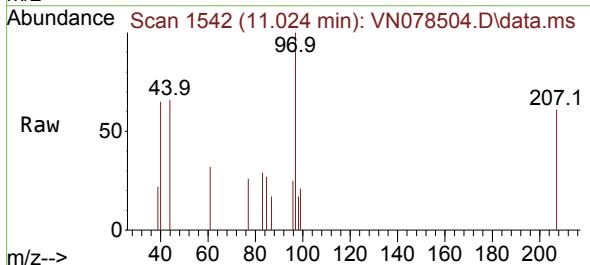
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-RW5A-20230712DL

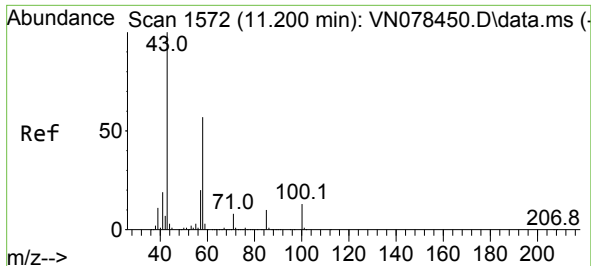
Tgt Ion: 43 Resp: 2060
Ion Ratio Lower Upper
43 100
58 31.1 36.6 54.8#



#55
1,1,2-Trichloroethane
Concen: 0.243 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.005 min
Lab File: VN078504.D
Acq: 13 Jul 2023 17:51

Tgt Ion: 97 Resp: 1237
Ion Ratio Lower Upper
97 100
83 28.7 65.1 97.7#
85 27.3 43.4 65.2#
99 20.7 49.2 73.8#

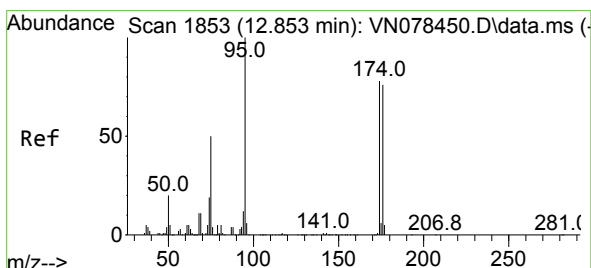
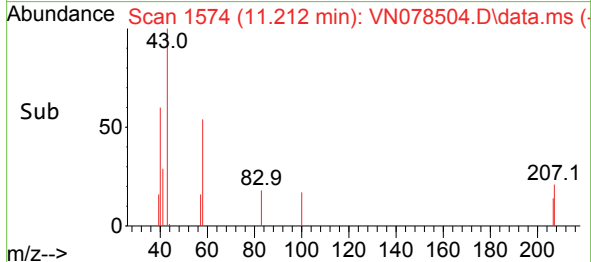
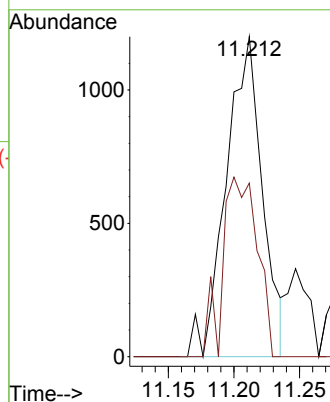
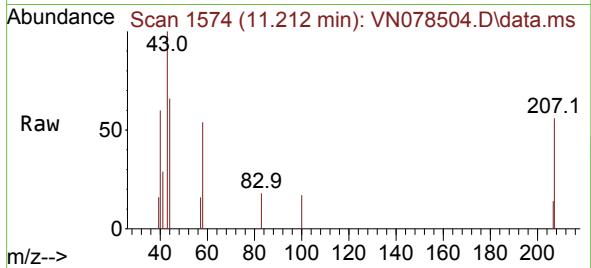




#59
2-Hexanone
Concen: 0.564 ug/l
RT: 11.212 min Scan# 1574
Delta R.T. 0.012 min
Lab File: VN078504.D
Acq: 13 Jul 2023 17:51

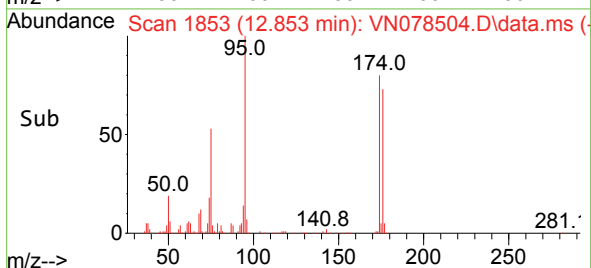
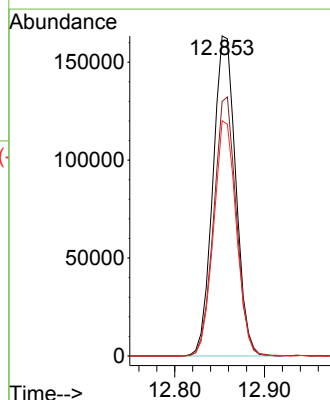
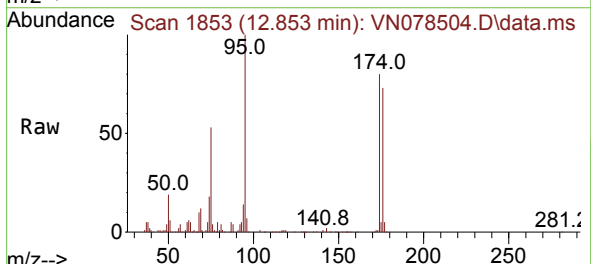
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-RW5A-20230712DL

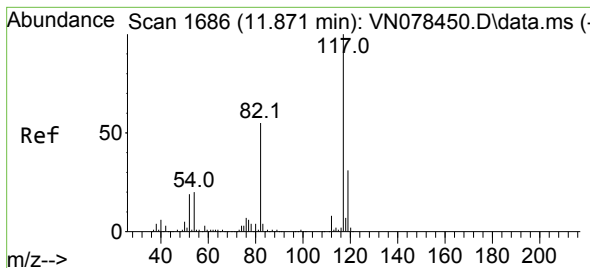
Tgt Ion: 43 Resp: 2301
Ion Ratio Lower Upper
43 100
58 54.0 31.7 95.1



#62
4-Bromofluorobenzene
Concen: 50.977 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078504.D
Acq: 13 Jul 2023 17:51

Tgt Ion: 95 Resp: 288708
Ion Ratio Lower Upper
95 100
174 80.2 0.0 143.8
176 73.5 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN078504.D

Acq: 13 Jul 2023 17:51

Instrument :

MSVOA_N

ClientSampleId :

BP-TT-RW5A-20230712DL

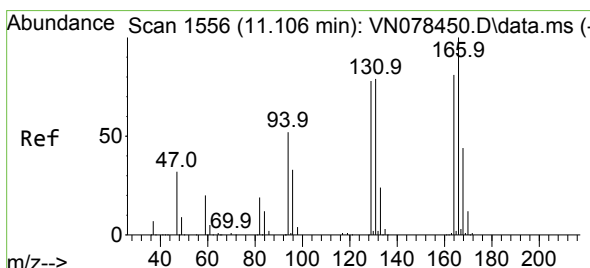
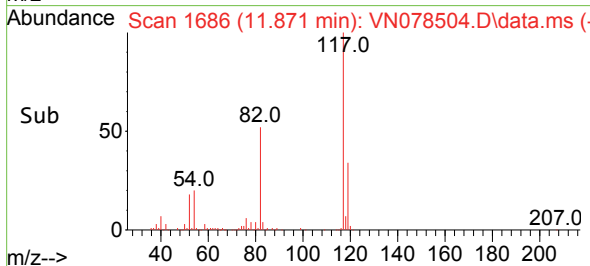
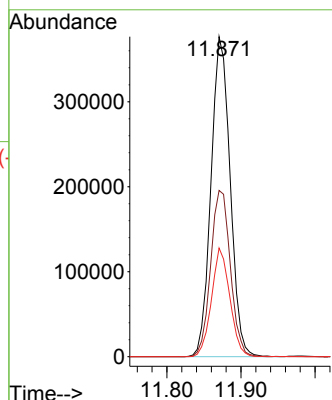
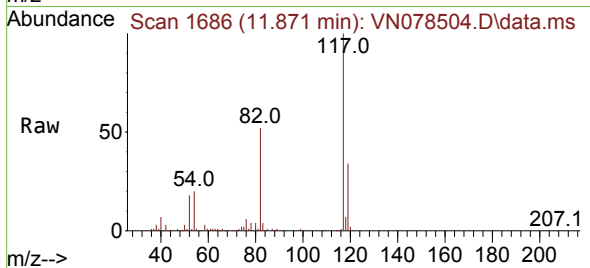
Tgt Ion:117 Resp: 674900

Ion Ratio Lower Upper

117 100

82 52.0 44.0 66.0

119 34.0 25.6 38.4



#64

Tetrachloroethene

Concen: 0.299 ug/l

RT: 11.118 min Scan# 1558

Delta R.T. 0.012 min

Lab File: VN078504.D

Acq: 13 Jul 2023 17:51

Tgt Ion:164 Resp: 1518

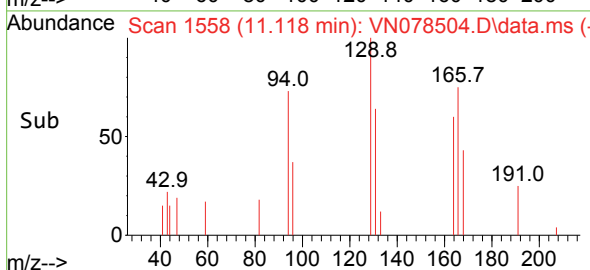
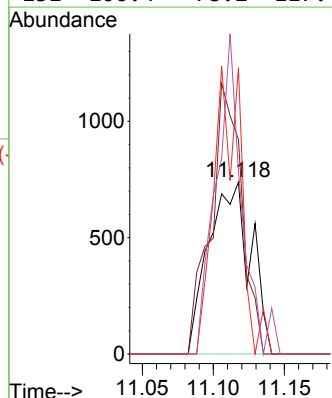
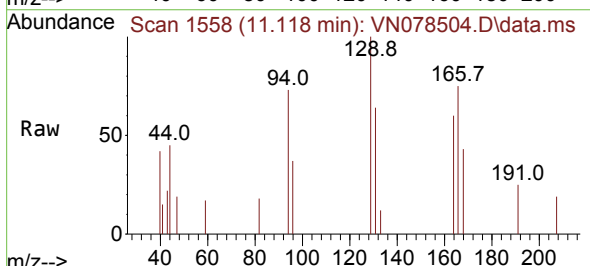
Ion Ratio Lower Upper

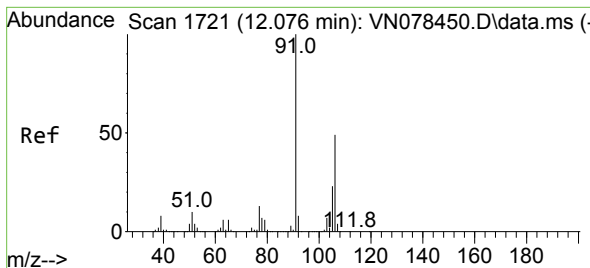
164 100

166 124.8 101.4 152.0

129 166.4 82.4 123.6#

131 106.4 78.2 117.4





#68

m/p-Xylenes

Concen: 0.231 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.000 min

Lab File: VN078504.D

Acq: 13 Jul 2023 17:51

Instrument :

MSVOA_N

ClientSampleId :

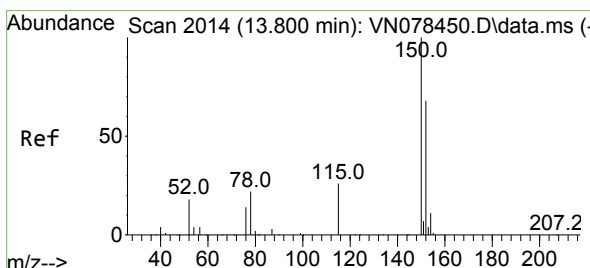
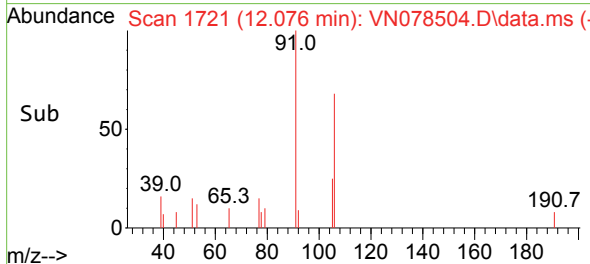
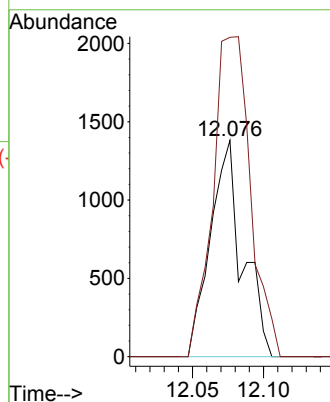
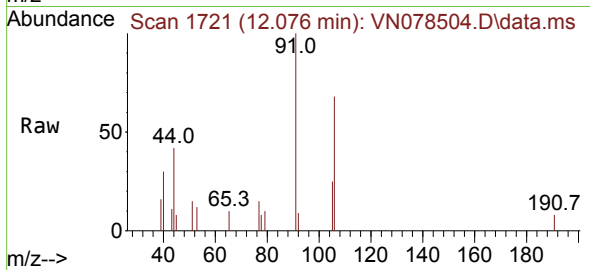
BP-TT-RW5A-20230712DL

Tgt Ion:106 Resp: 2174

Ion Ratio Lower Upper

106 100

91 173.8 159.6 239.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN078504.D

Acq: 13 Jul 2023 17:51

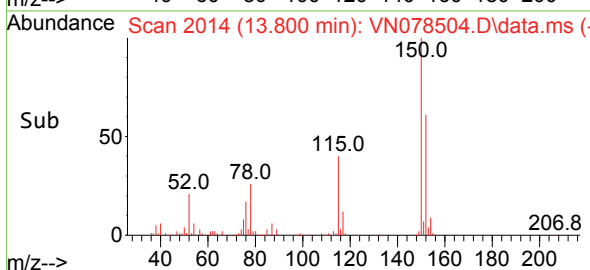
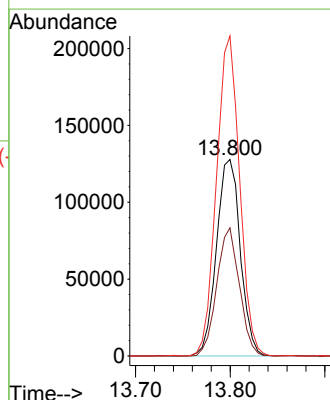
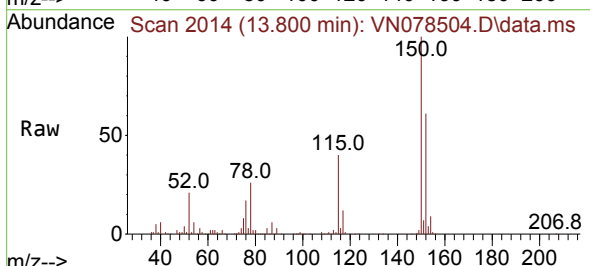
Tgt Ion:152 Resp: 223607

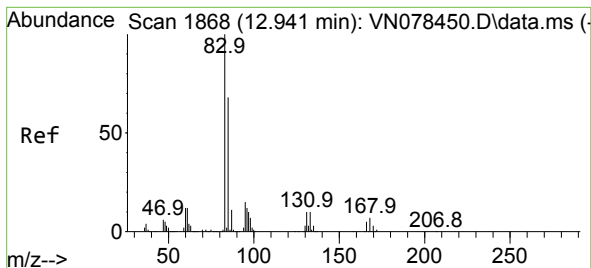
Ion Ratio Lower Upper

152 100

115 62.0 32.3 96.8

150 157.9 0.0 355.8





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.947 min Scan# 1869

Delta R.T. 0.006 min

Lab File: VN078504.D

Acq: 13 Jul 2023 17:51

Instrument :

MSVOA_N

ClientSampleId :

BP-TT-RW5A-20230712DL

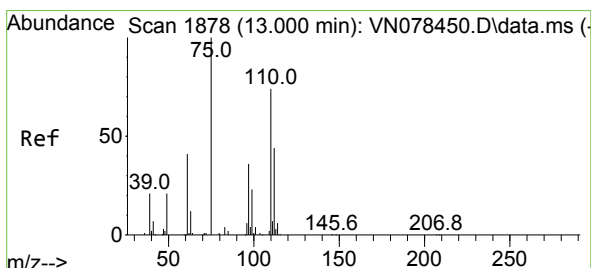
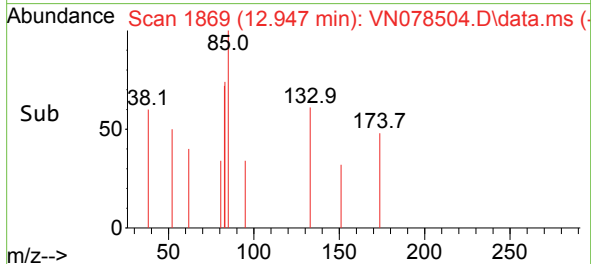
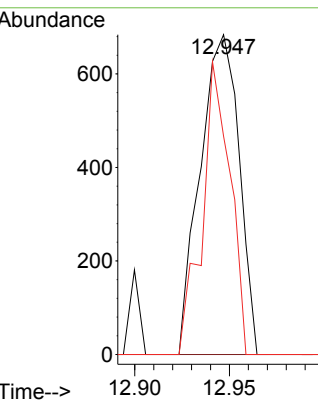
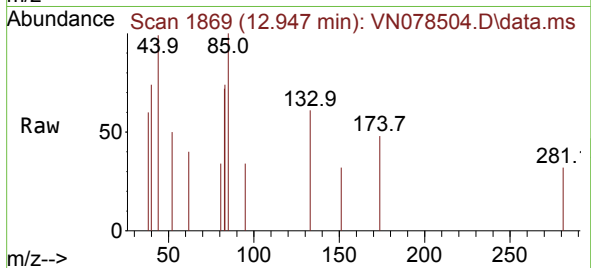
Tgt Ion: 83 Resp: 976

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

85 65.4 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 28.599 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN078504.D

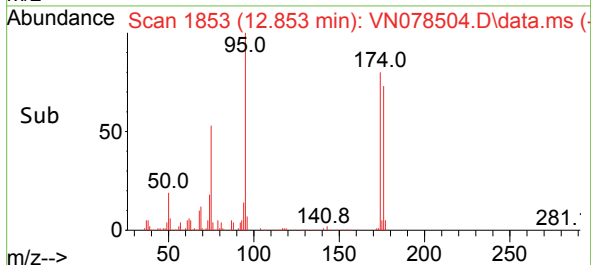
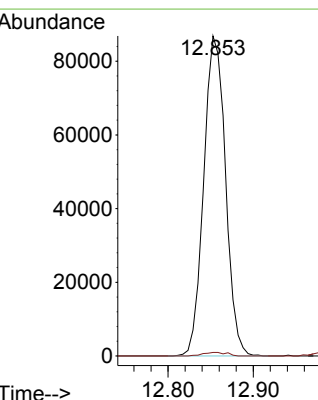
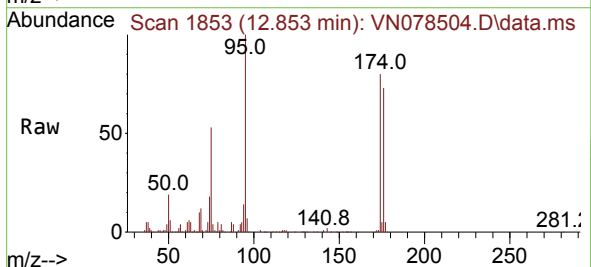
Acq: 13 Jul 2023 17:51

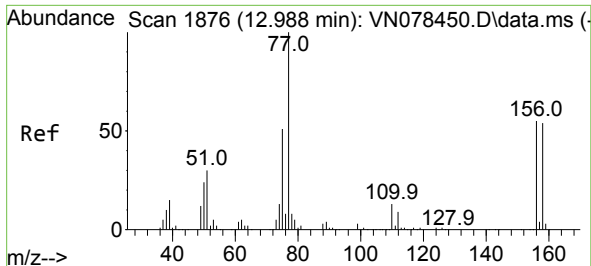
Tgt Ion: 75 Resp: 154571

Ion Ratio Lower Upper

75 100

77 1.2 84.5 253.5#

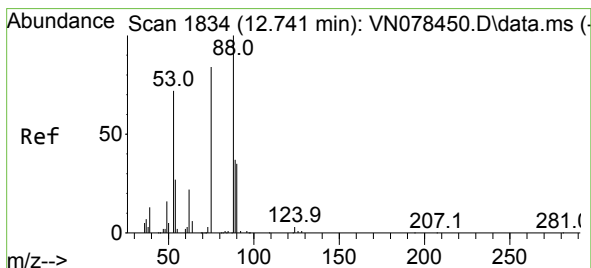
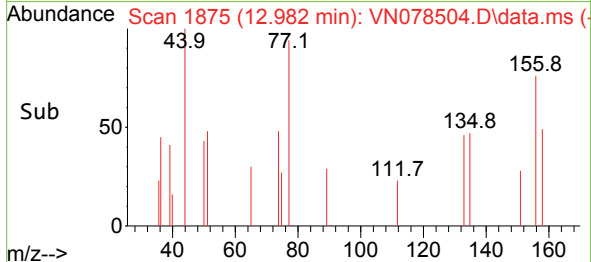
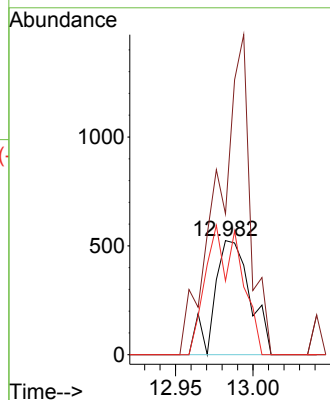
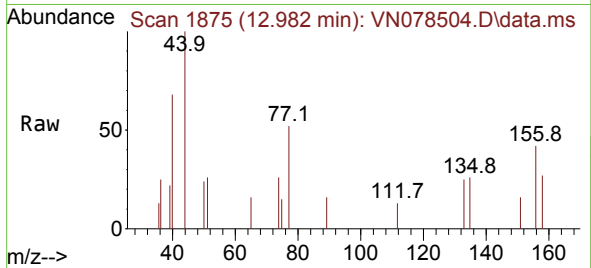




#77
Bromobenzene
Concen: Below Cal
RT: 12.982 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078504.D
Acq: 13 Jul 2023 17:51

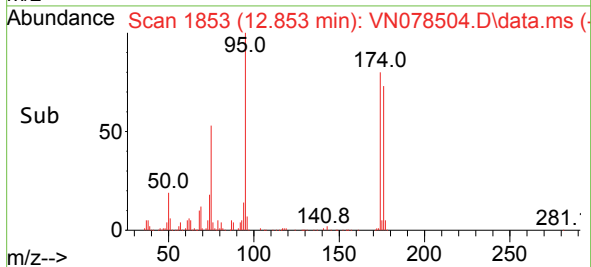
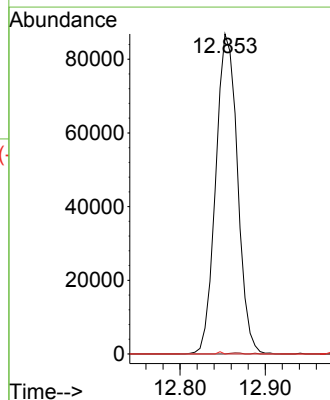
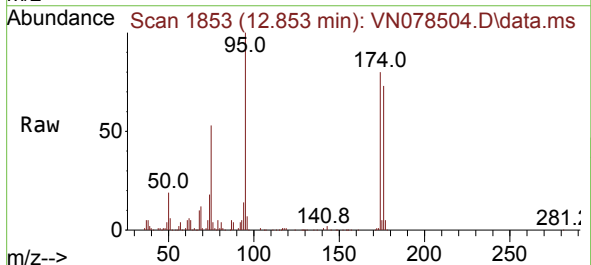
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-RW5A-20230712DL

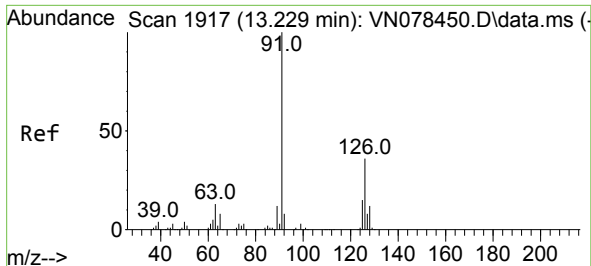
Tgt Ion:156 Resp: 843
Ion Ratio Lower Upper
156 100
77 249.0 107.7 323.3
158 109.8 48.4 145.3



#81
trans-1,4-Dichloro-2-butene
Concen: 75.152 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN078504.D
Acq: 13 Jul 2023 17:51

Tgt Ion: 75 Resp: 154571
Ion Ratio Lower Upper
75 100
53 0.2 67.4 101.2#
89 0.1 38.8 58.2#

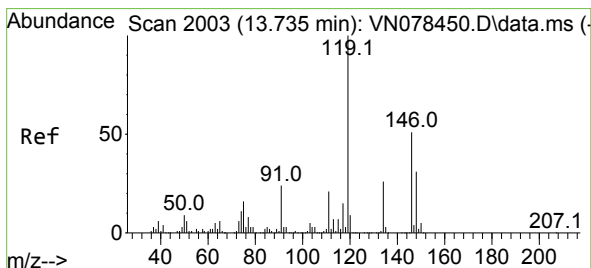
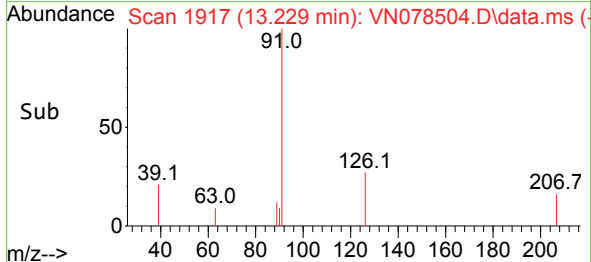
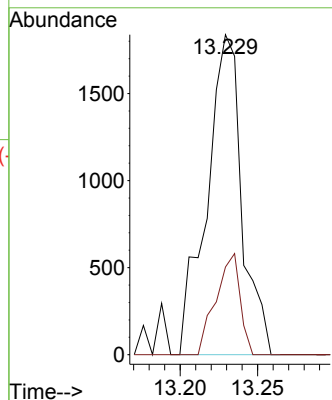
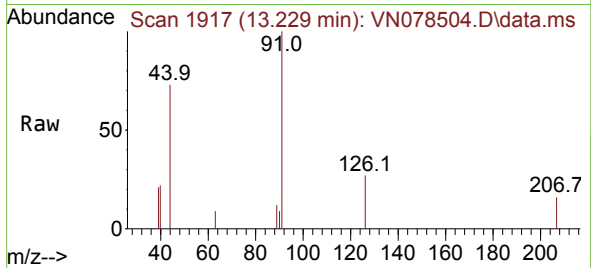




#82
4-Chlorotoluene
Concen: 0.211 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078504.D
Acq: 13 Jul 2023 17:51

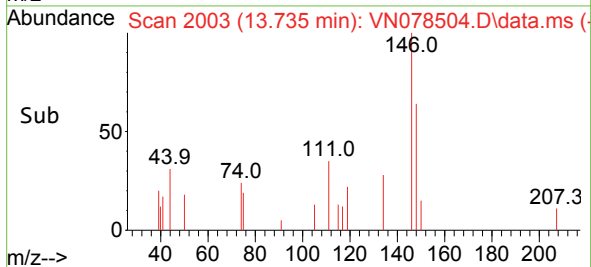
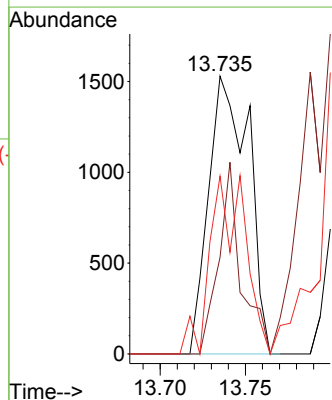
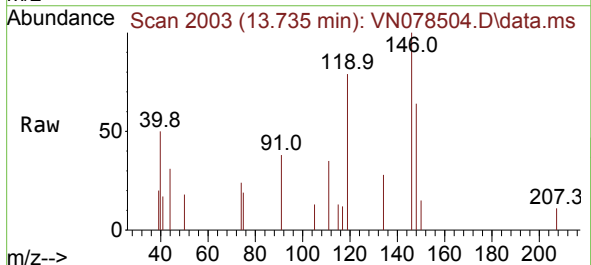
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-RW5A-20230712DL

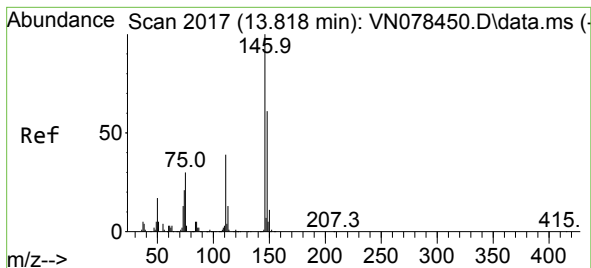
Tgt Ion: 91 Resp: 2895
Ion Ratio Lower Upper
91 100
126 21.7 16.7 50.0



#87
1,3-Dichlorobenzene
Concen: 0.310 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN078504.D
Acq: 13 Jul 2023 17:51

Tgt Ion: 146 Resp: 2499
Ion Ratio Lower Upper
146 100
111 38.3 22.1 66.3
148 56.0 32.0 96.0





#88

1,4-Dichlorobenzene

Concen: 0.308 ug/l

RT: 13.735 min Scan# 2017

Delta R.T. -0.083 min

Lab File: VN078504.D

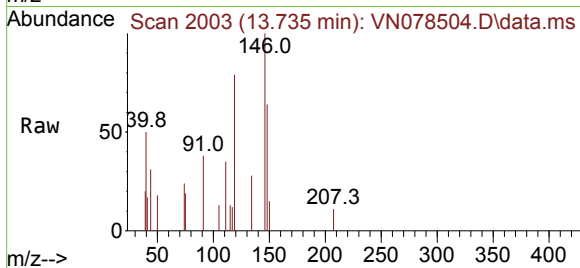
Acq: 13 Jul 2023 17:51

Instrument :

MSVOA_N

ClientSampleId :

BP-TT-RW5A-20230712DL



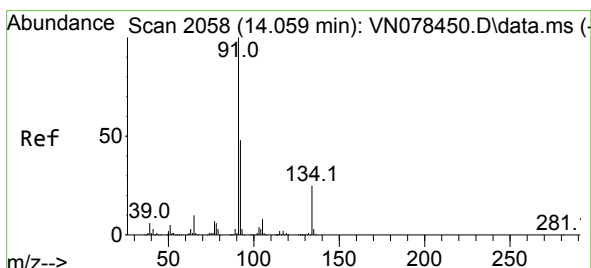
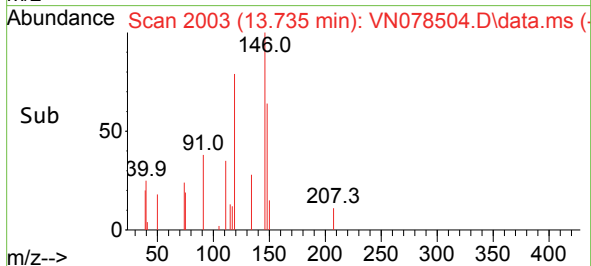
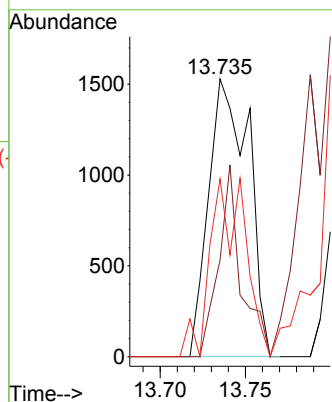
Tgt Ion:146 Resp: 2499

Ion Ratio Lower Upper

146 100

111 38.3 20.6 61.8

148 56.0 31.6 94.8



#89

n-Butylbenzene

Concen: 0.296 ug/l

RT: 14.070 min Scan# 2060

Delta R.T. 0.011 min

Lab File: VN078504.D

Acq: 13 Jul 2023 17:51

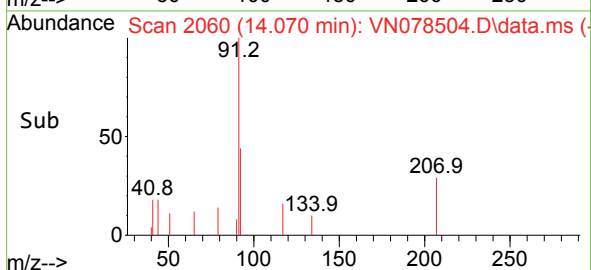
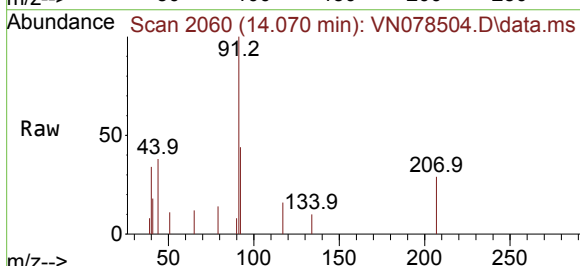
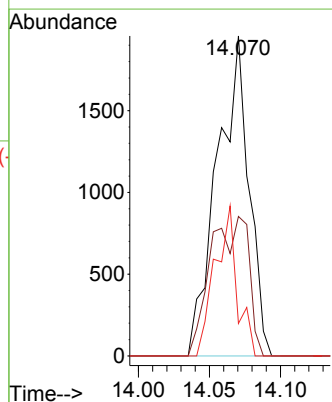
Tgt Ion: 91 Resp: 3034

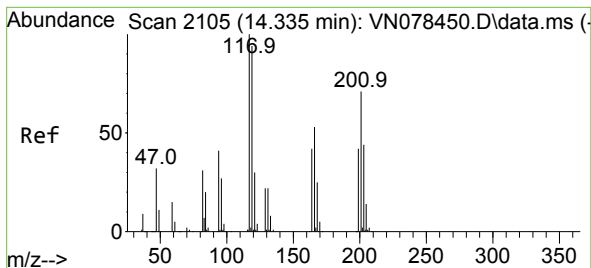
Ion Ratio Lower Upper

91 100

92 52.7 26.4 79.0

134 32.5 12.6 37.6





#90

Hexachloroethane

Concen: Below Cal

RT: 14.341 min Scan# 2105

Delta R.T. 0.006 min

Lab File: VN078504.D

Acq: 13 Jul 2023 17:51

Instrument :

MSVOA_N

ClientSampleId :

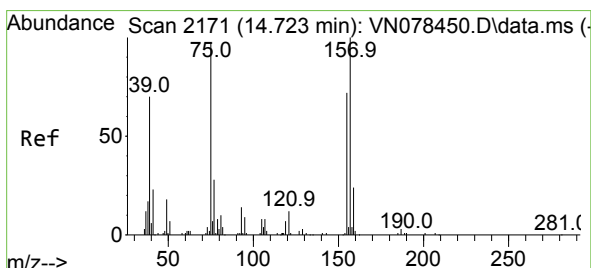
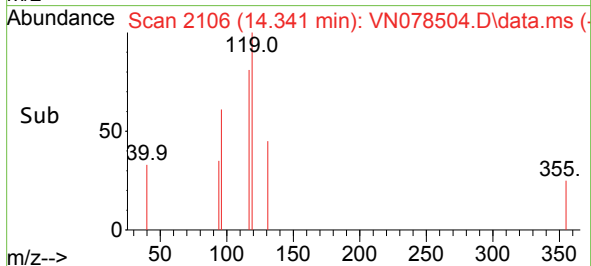
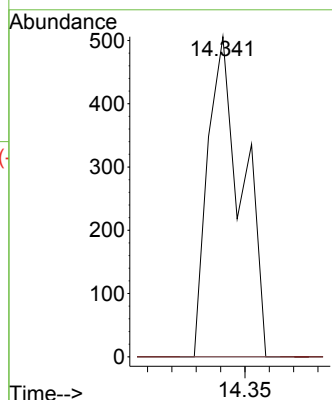
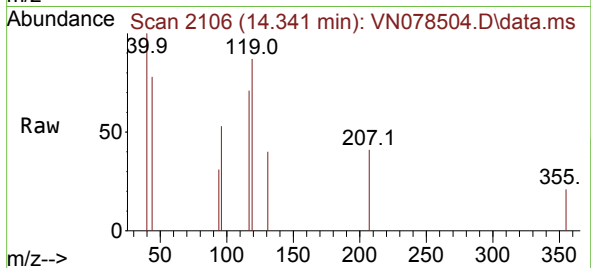
BP-TT-RW5A-20230712DL

Tgt Ion:117 Resp: 497

Ion Ratio Lower Upper

117 100

201 0.0 29.3 88.0#



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.729 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VN078504.D

Acq: 13 Jul 2023 17:51

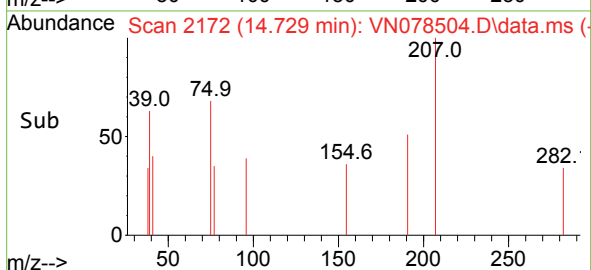
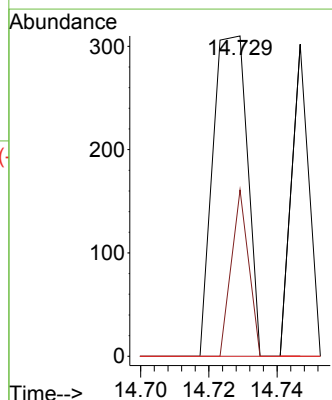
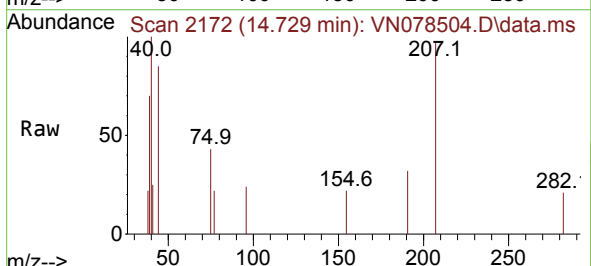
Tgt Ion: 75 Resp: 217

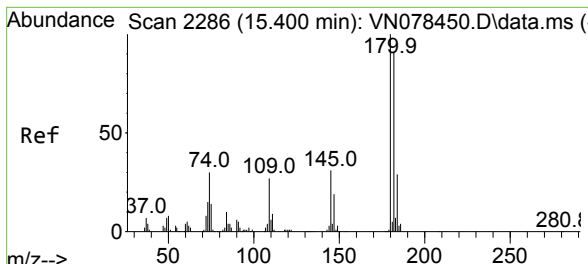
Ion Ratio Lower Upper

75 100

155 26.3 39.1 117.2#

157 0.0 50.3 150.9#

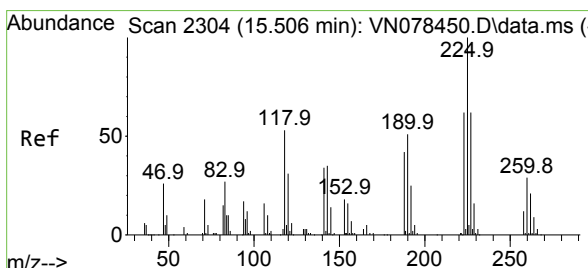
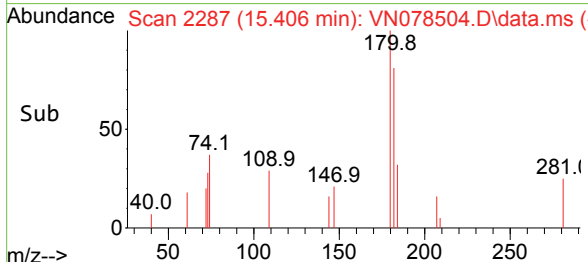
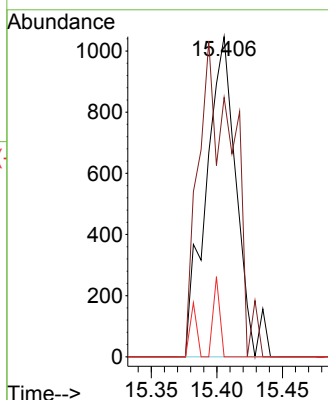
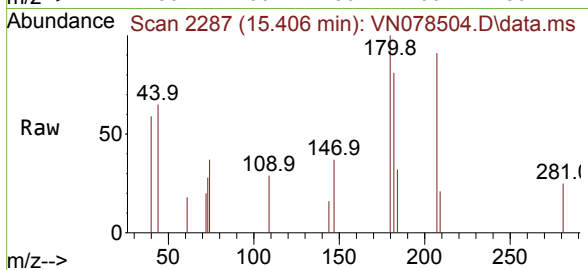




#93
1,2,4-Trichlorobenzene
Concen: 0.660 ug/l
RT: 15.406 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN078504.D
Acq: 13 Jul 2023 17:51

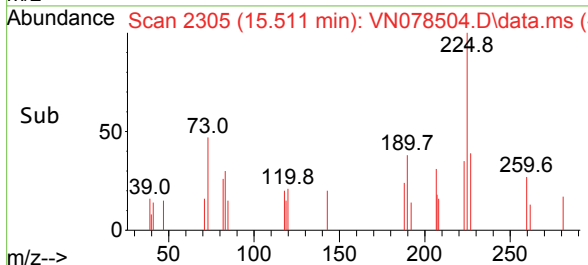
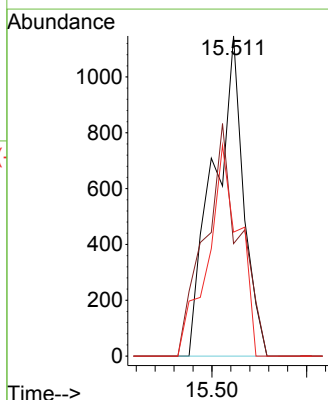
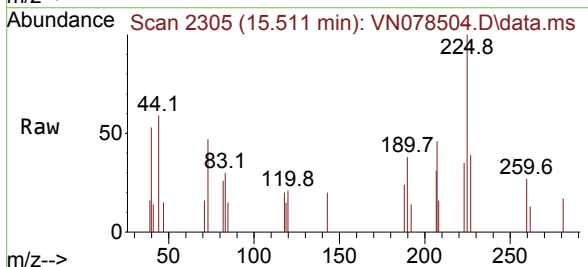
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-RW5A-20230712DL

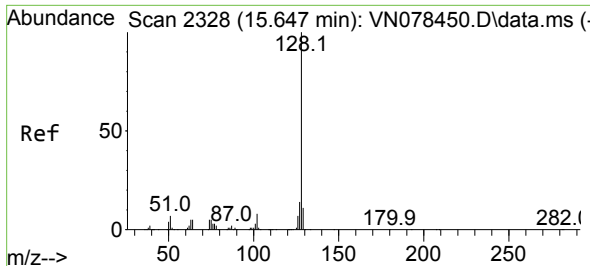
Tgt Ion:180 Resp: 1690
Ion Ratio Lower Upper
180 100
182 112.2 46.1 138.2
145 5.4 16.6 49.8#



#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.511 min Scan# 2305
Delta R.T. 0.005 min
Lab File: VN078504.D
Acq: 13 Jul 2023 17:51

Tgt Ion:225 Resp: 1261
Ion Ratio Lower Upper
225 100
223 83.0 31.3 93.8
227 68.7 31.9 95.9

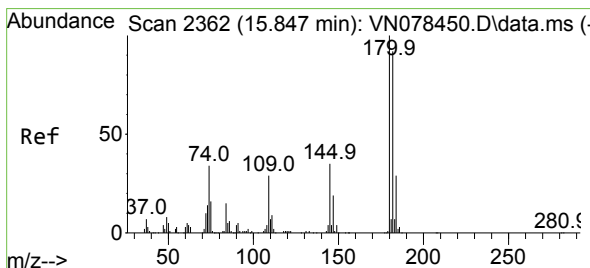
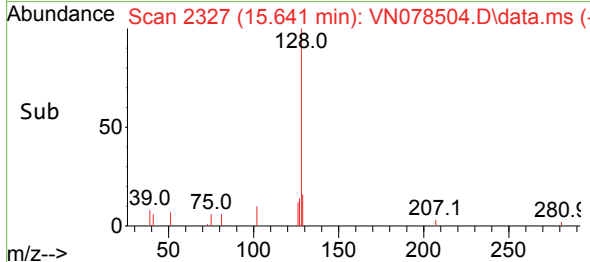
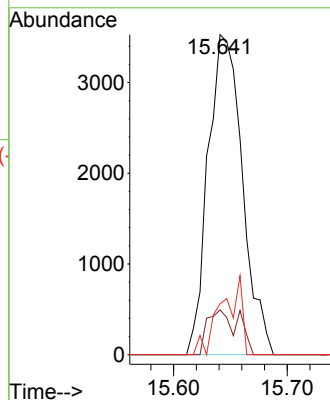
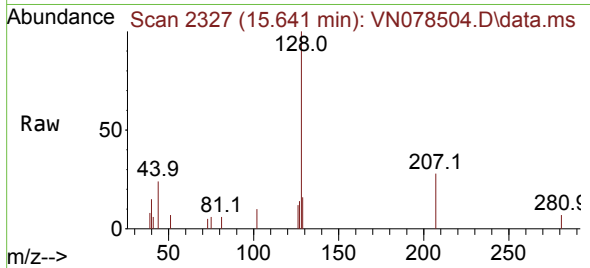




#95
Naphthalene
Concen: 0.847 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN078504.D
Acq: 13 Jul 2023 17:51

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

Tgt Ion:128 Resp: 7414
Ion Ratio Lower Upper
128 100
127 12.6 10.0 15.0
129 14.8 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.854 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078504.D
Acq: 13 Jul 2023 17:51

Tgt Ion:180 Resp: 2517
Ion Ratio Lower Upper
180 100
182 90.7 46.2 138.6
145 16.6 17.5 52.6#

