

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050123\
 Data File : VN077547.D
 Acq On : 01 May 2023 17:12
 Operator : JC\MD
 Sample : 02547-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-RW10-MW01D-GW-20230426

Quant Time: May 01 22:04:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

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

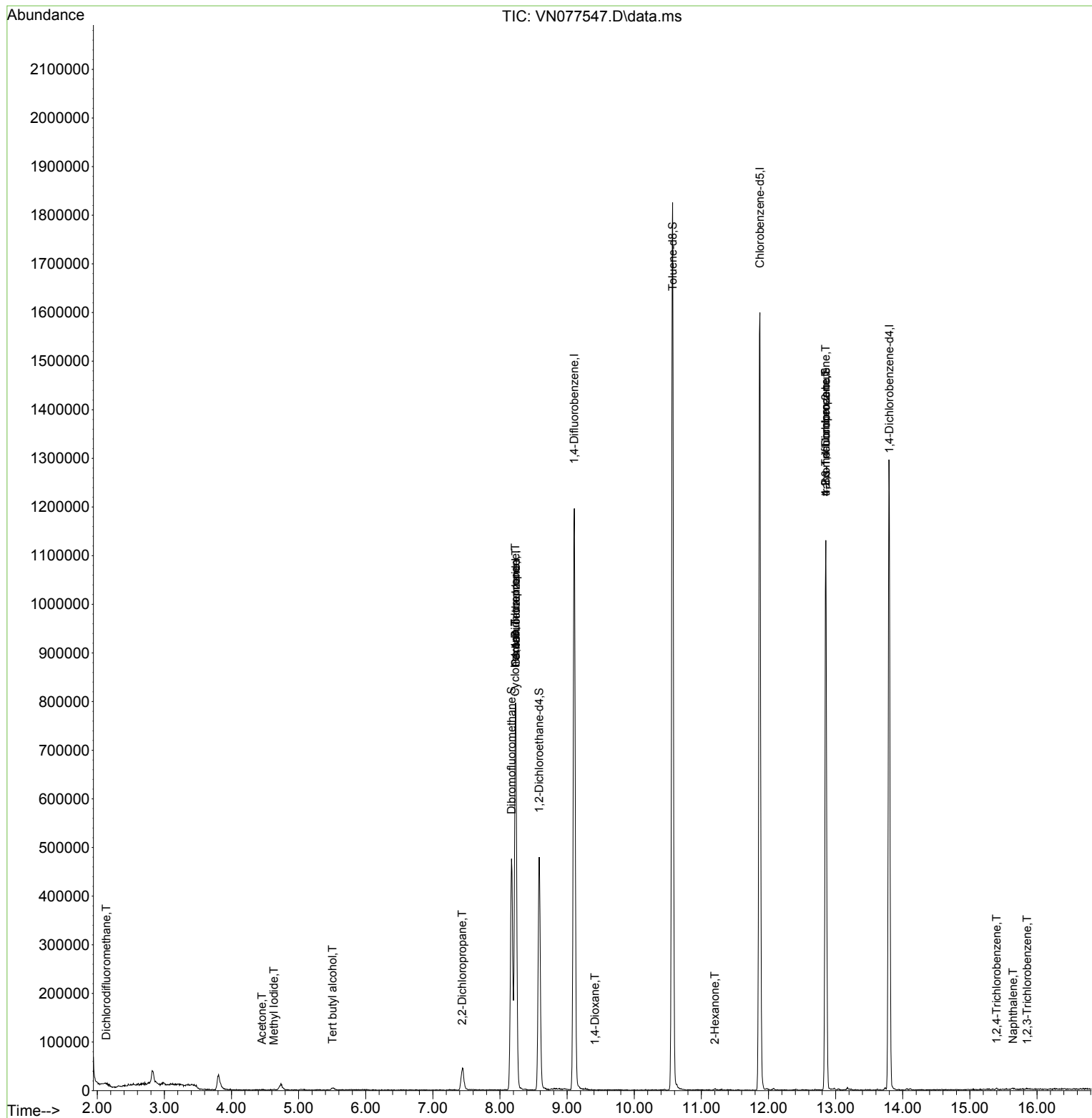
Internal Standards						
1) Pentafluorobenzene	8.236	168	578215	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1114850	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	994307	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.801	152	347105	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	394062	52.228	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.460%	
35) Dibromofluoromethane	8.172	113	350842	52.359	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.720%	
50) Toluene-d8	10.572	98	1333593	51.929	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.860%	
62) 4-Bromofluorobenzene	12.854	95	411361	48.959	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.920%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	62	0.318	ug/l #	43
10) Methyl Iodide	4.631	142	2185	0.269	ug/l #	68
11) Tert butyl alcohol	5.507	59	3407	2.813	ug/l #	72
16) Acetone	4.454	43	648	0.270	ug/l #	40
26) 2,2-Dichloropropane	7.436	77	3613	0.320	ug/l #	53
31) Cyclohexane	8.225	56	13880	1.299	ug/l #	38
36) 1,1-Dichloropropene	8.230	75	53728	5.550	ug/l #	49
38) Carbon Tetrachloride	8.236	117	66837	6.258	ug/l #	15
49) 1,4-Dioxane	9.413	88	53	0.365	ug/l #	30
59) 2-Hexanone	11.201	43	1730	0.319	ug/l	100
76) 1,2,3-Trichloropropane	12.854	75	216745	26.853	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	216745	75.864	ug/l #	15
93) 1,2,4-Trichlorobenzene	15.401	180	1008	1.197	ug/l	71
95) Naphthalene	15.642	128	3330	1.498	ug/l #	73
96) 1,2,3-Trichlorobenzene	15.854	180	753	0.800	ug/l #	80

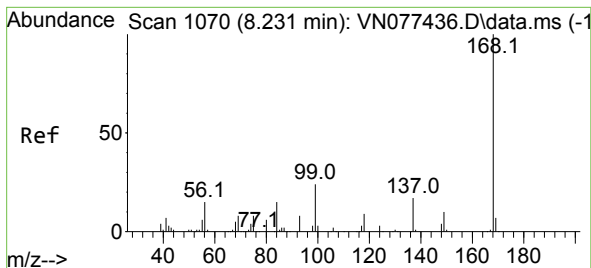
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:50:59 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.236 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN077547.D

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Instrument :

MSVOA_N

ClientSampleId :

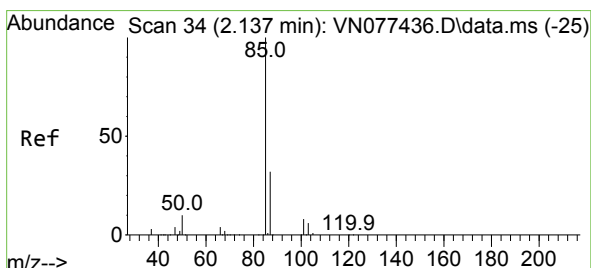
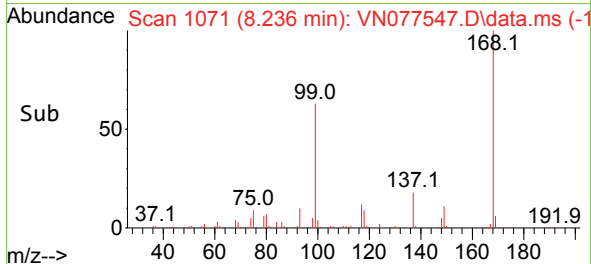
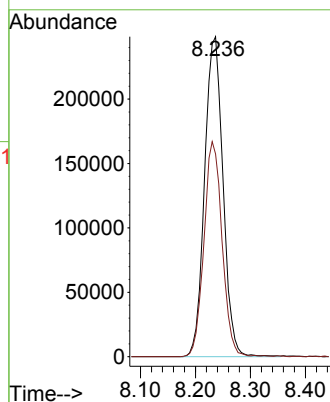
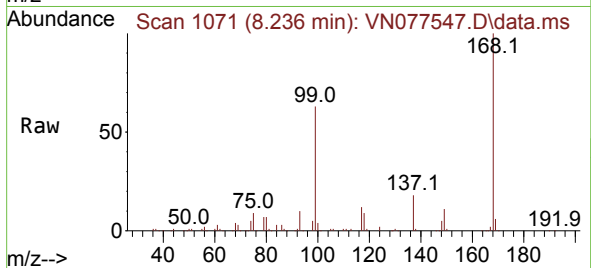
BP-TT-RW10-MW01D-GW-20230426

Tgt Ion:168 Resp: 578215

Ion Ratio Lower Upper

168 100

99 63.3 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 0.318 ug/l

RT: 2.137 min Scan# 34

Delta R.T. -0.000 min

Lab File: VN077547.D

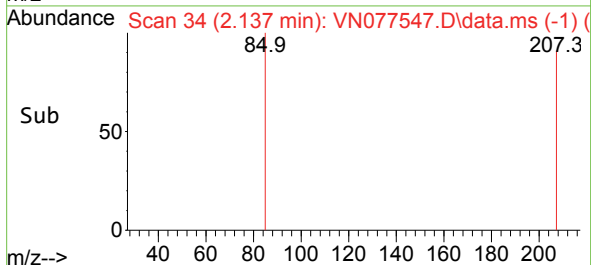
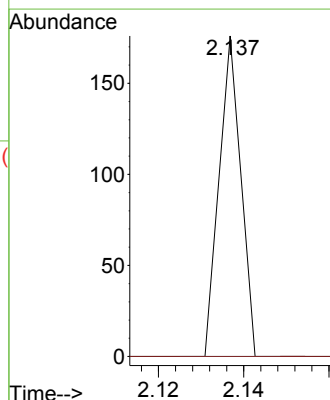
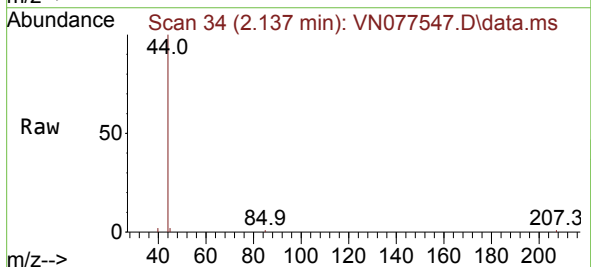
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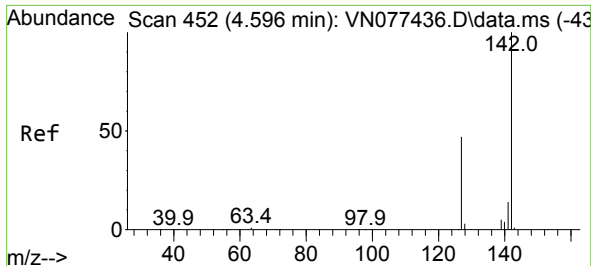
Tgt Ion: 85 Resp: 62

Ion Ratio Lower Upper

85 100

87 0.0 15.8 47.4#

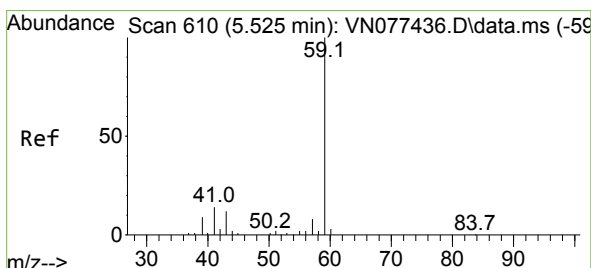
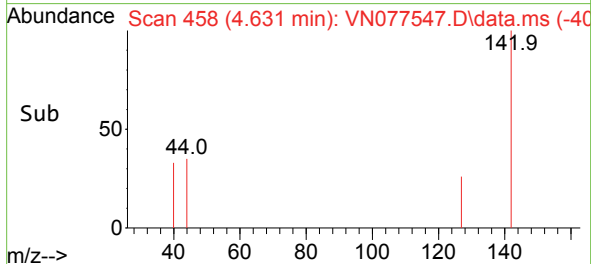
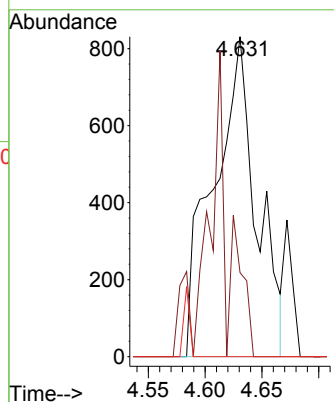
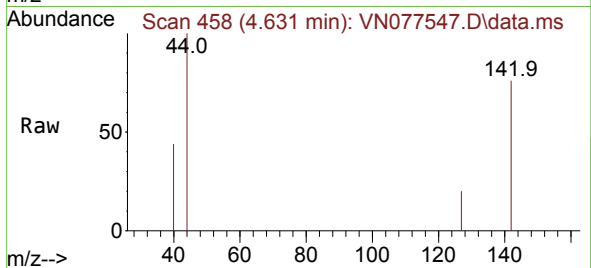




#10
Methyl Iodide
Concen: 0.269 ug/l
RT: 4.631 min Scan# 411
Delta R.T. 0.035 min
Lab File: VN077547.D
Acq: 01 May 2023 17:12

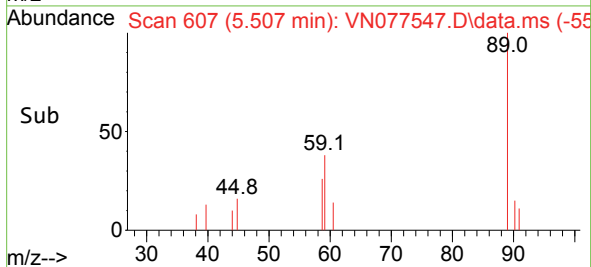
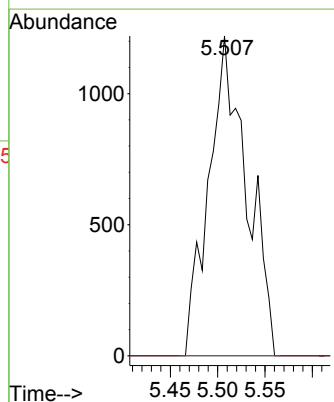
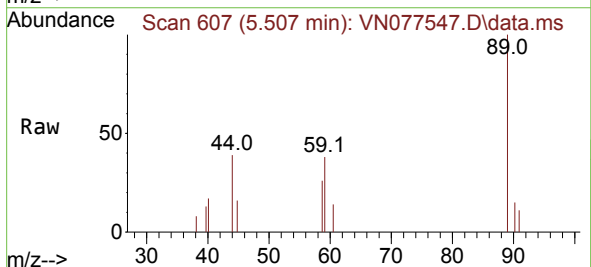
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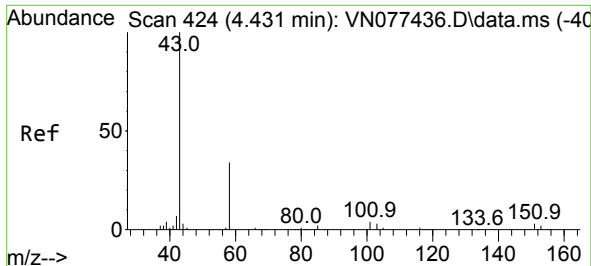
Tgt Ion:142 Resp: 2185
Ion Ratio Lower Upper
142 100
127 26.2 37.6 56.4#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 2.813 ug/l
RT: 5.507 min Scan# 607
Delta R.T. -0.018 min
Lab File: VN077547.D
Acq: 01 May 2023 17:12

Tgt Ion: 59 Resp: 3407
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

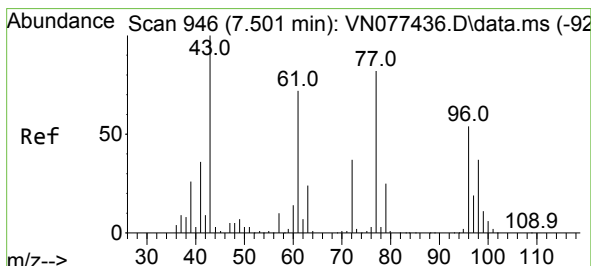
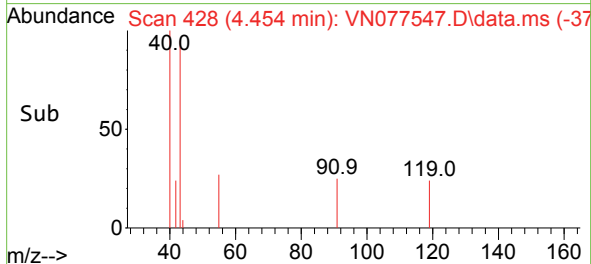
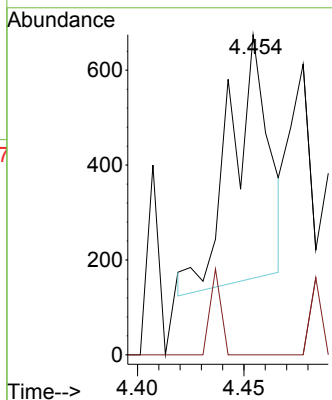
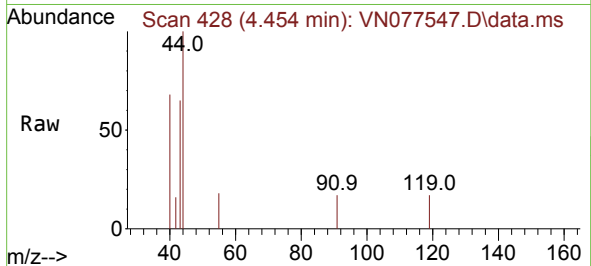




#16
Acetone
Concen: 0.270 ug/l
RT: 4.454 min Scan# 41
Delta R.T. 0.023 min
Lab File: VN077547.D
Acq: 01 May 2023 17:12

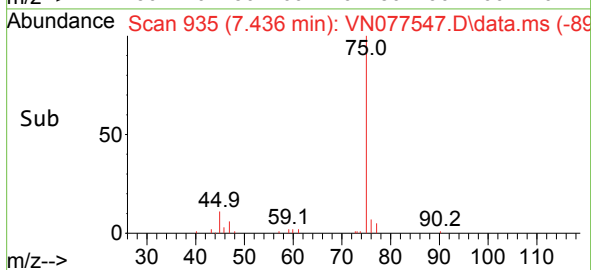
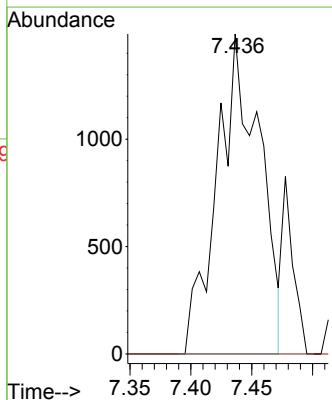
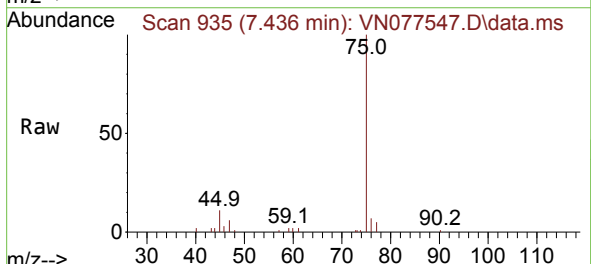
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-RW10-MW01D-GW-20230426

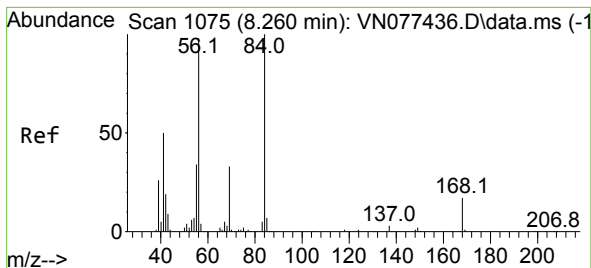
Tgt Ion: 43 Resp: 648
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#26
2,2-Dichloropropane
Concen: 0.320 ug/l
RT: 7.436 min Scan# 935
Delta R.T. -0.065 min
Lab File: VN077547.D
Acq: 01 May 2023 17:12

Tgt Ion: 77 Resp: 3613
Ion Ratio Lower Upper
77 100
97 0.0 11.2 33.6#





#31

Cyclohexane

Concen: 1.299 ug/l

RT: 8.225 min Scan# 1069

Delta R.T. -0.035 min

Lab File: VN077547.D

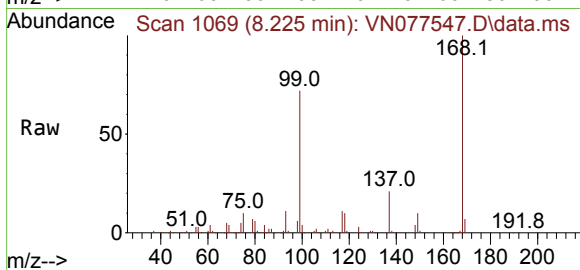
Acq: 01 May 2023 17:12

Instrument :

MSVOA_N

ClientSampleId :

BP-TT-RW10-MW01D-GW-20230426



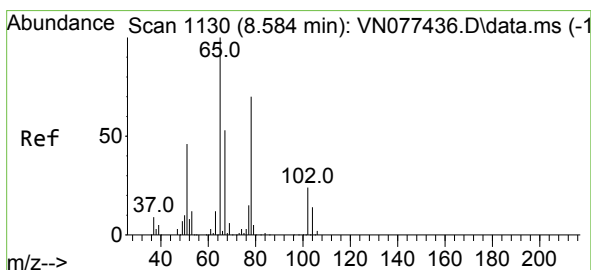
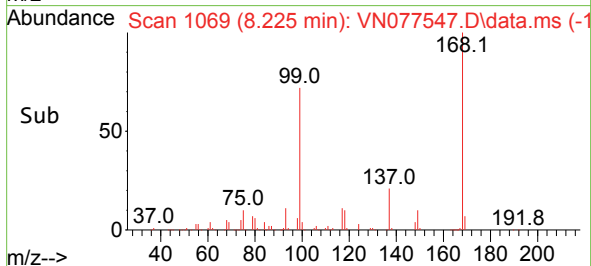
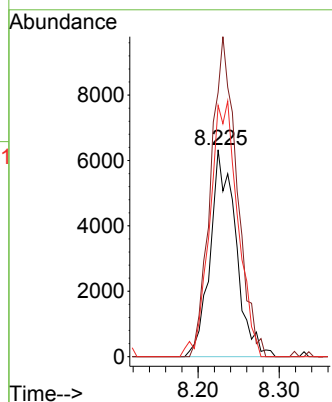
Tgt Ion: 56 Resp: 13880

Ion Ratio Lower Upper

56 100

69 127.8 26.8 40.2#

84 130.1 81.8 122.6#



#33

1,2-Dichloroethane-d4

Concen: 52.228 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077547.D

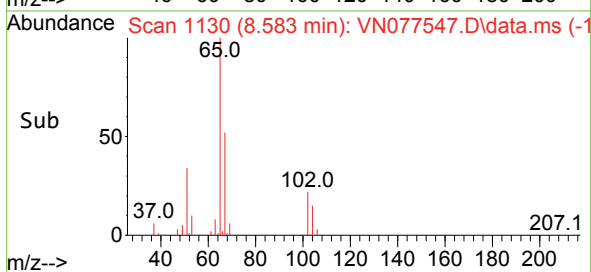
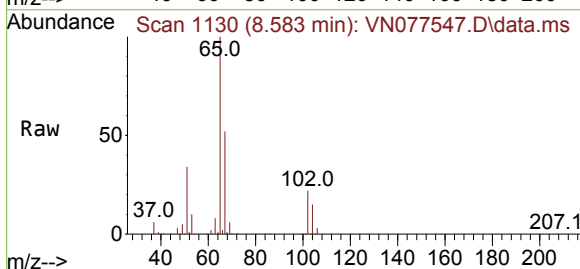
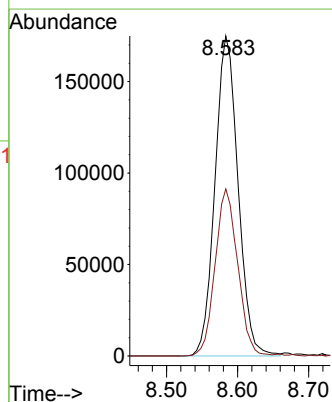
Acq: 01 May 2023 17:12

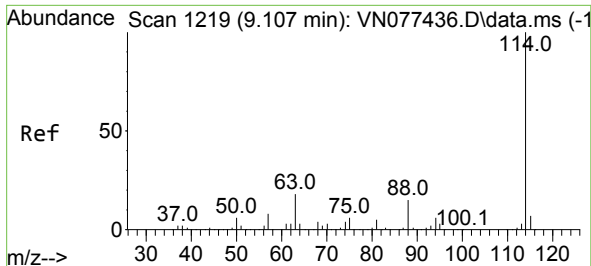
Tgt Ion: 65 Resp: 394062

Ion Ratio Lower Upper

65 100

67 51.0 0.0 106.6

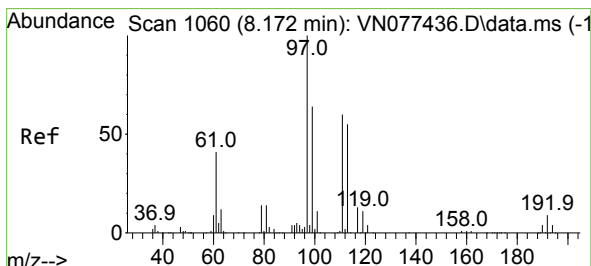
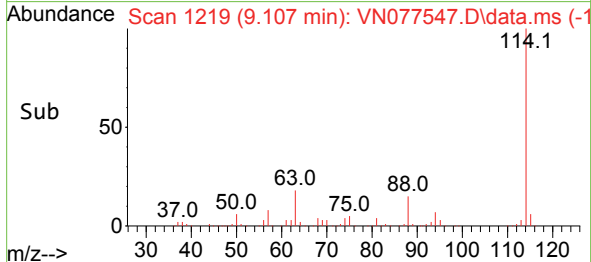
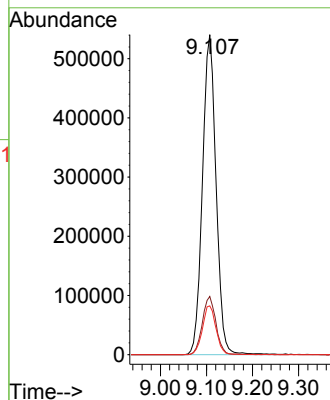
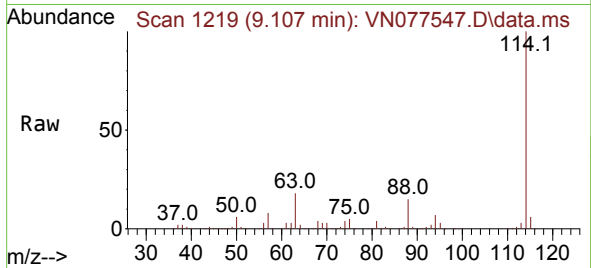




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077547.D
Acq: 01 May 2023 17:12

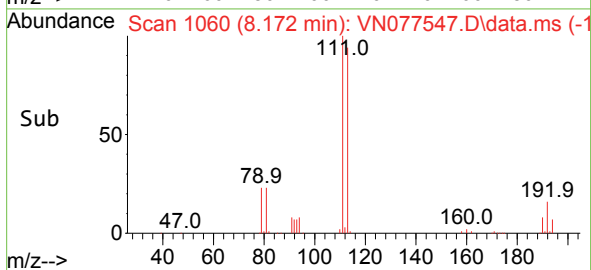
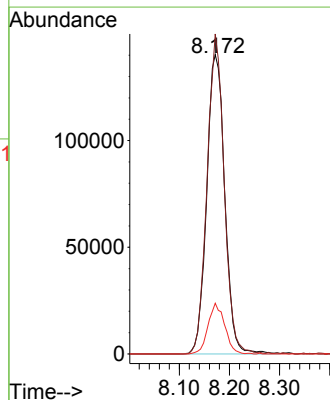
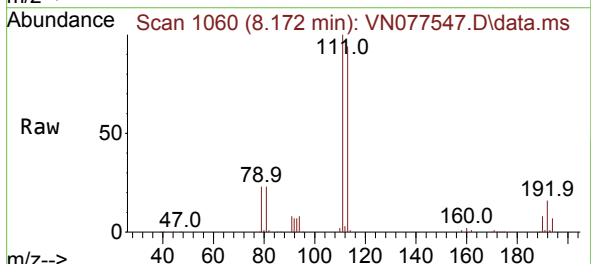
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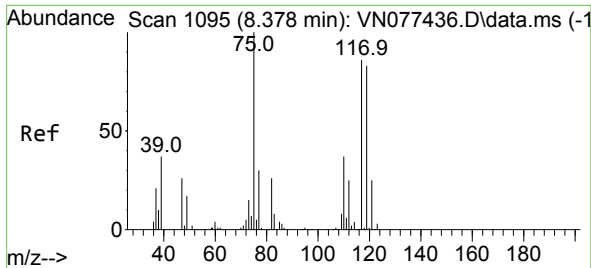
Tgt Ion:114 Resp: 1114850
Ion Ratio Lower Upper
114 100
63 18.2 0.0 36.4
88 15.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.359 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077547.D
Acq: 01 May 2023 17:12

Tgt Ion:113 Resp: 350842
Ion Ratio Lower Upper
113 100
111 101.3 82.6 123.8
192 15.7 12.7 19.1

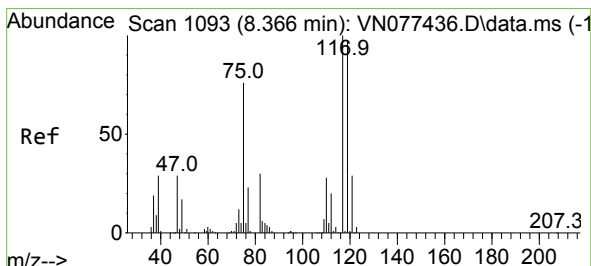
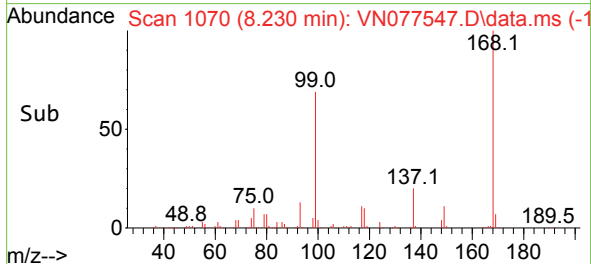
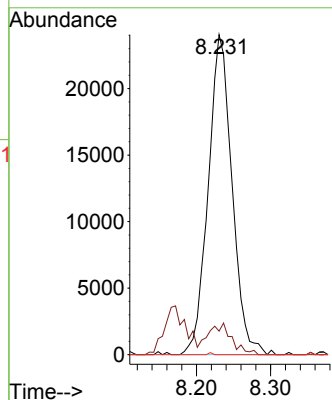
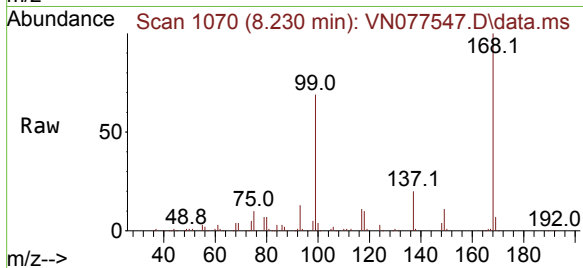




#36
1,1-Dichloropropene
Concen: 5.550 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.147 min
Lab File: VN077547.D
Acq: 01 May 2023 17:12

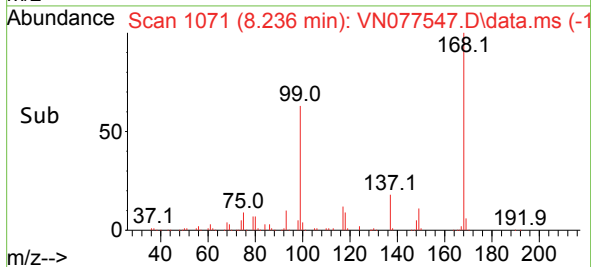
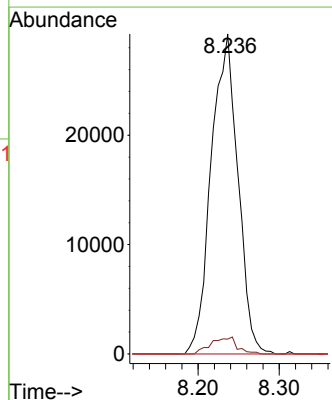
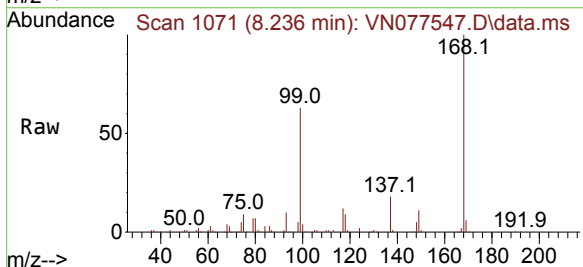
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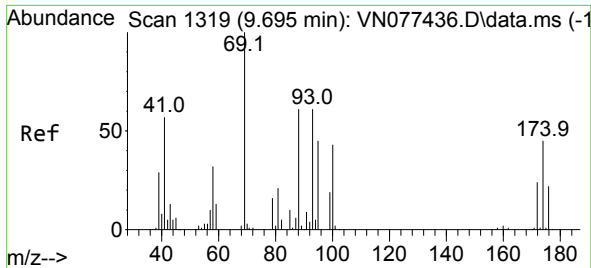
Tgt Ion: 75 Resp: 53728
Ion Ratio Lower Upper
75 100
110 10.0 19.1 57.3#
77 0.1 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.258 ug/l
RT: 8.236 min Scan# 1071
Delta R.T. -0.130 min
Lab File: VN077547.D
Acq: 01 May 2023 17:12

Tgt Ion: 117 Resp: 66837
Ion Ratio Lower Upper
117 100
119 4.7 77.3 115.9#
121 0.0 23.3 34.9#





#49

1,4-Dioxane

Concen: 0.365 ug/l

RT: 9.413 min Scan# 11

Delta R.T. -0.283 min

Lab File: VN077547.D

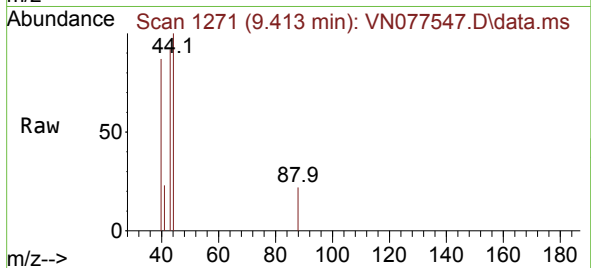
Acq: 01 May 2023 17:12

Instrument :

MSVOA_N

ClientSampleId :

BP-TT-RW10-MW01D-GW-20230426



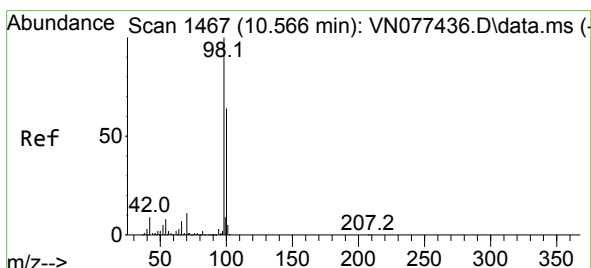
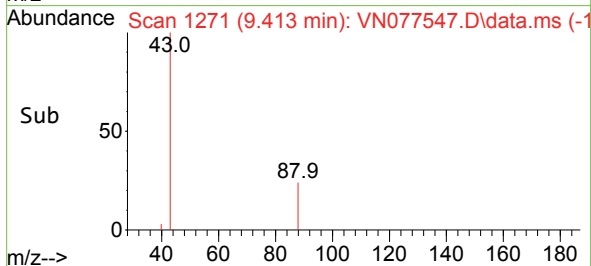
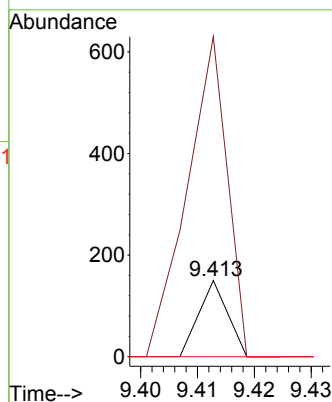
Tgt Ion: 88 Resp: 53

Ion Ratio Lower Upper

88 100

43 0.0 17.0 25.6#

58 0.0 47.0 70.4#



#50

Toluene-d8

Concen: 51.929 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN077547.D

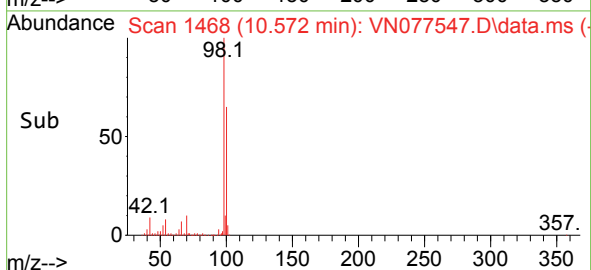
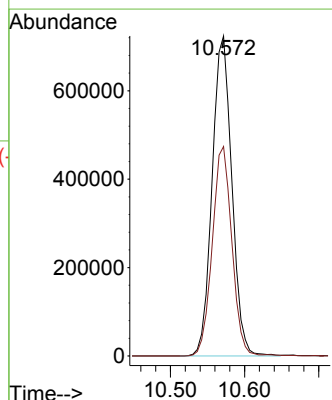
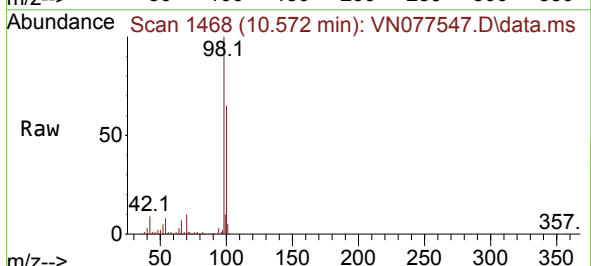
Acq: 01 May 2023 17:12

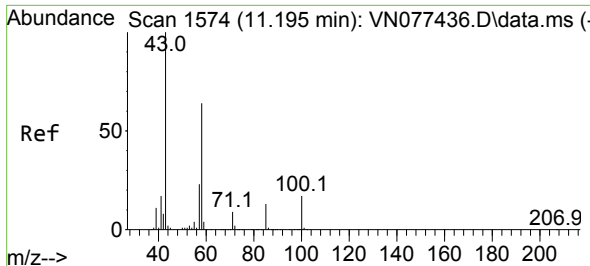
Tgt Ion: 98 Resp: 1333593

Ion Ratio Lower Upper

98 100

100 65.4 52.0 78.0

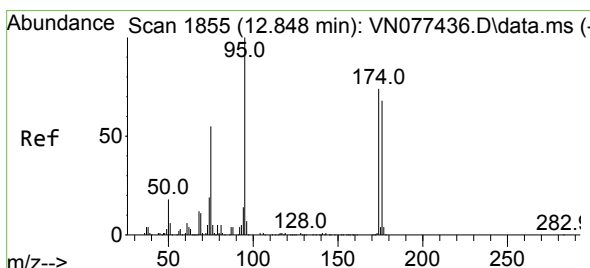
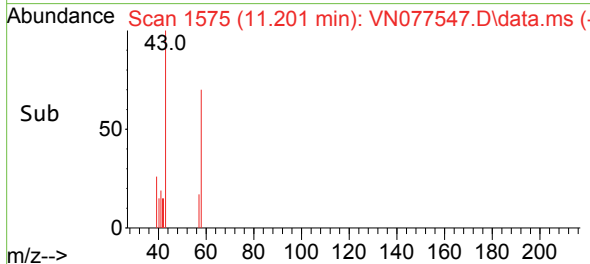
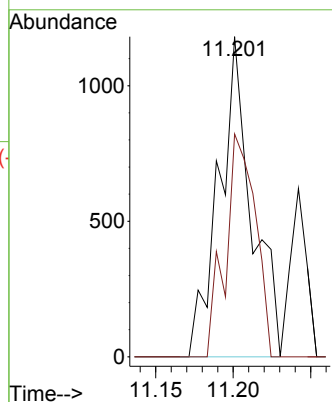
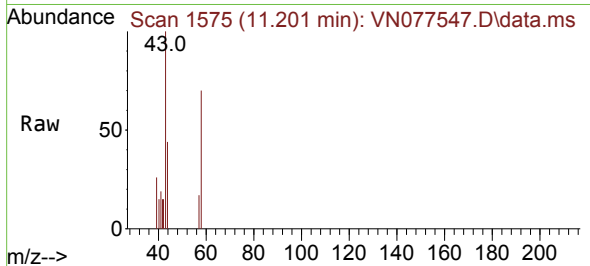




#59
2-Hexanone
Concen: 0.319 ug/l
RT: 11.201 min Scan# 1119
Delta R.T. 0.006 min
Lab File: VN077547.D
Acq: 01 May 2023 17:12

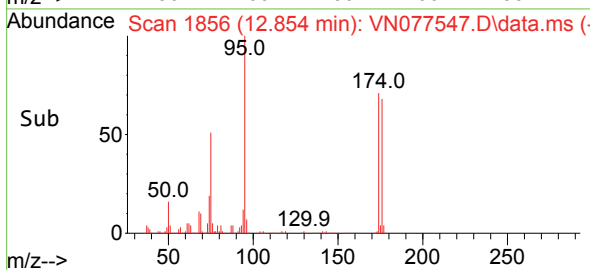
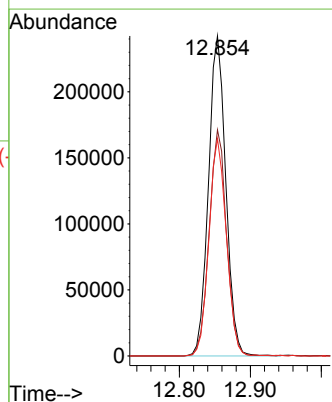
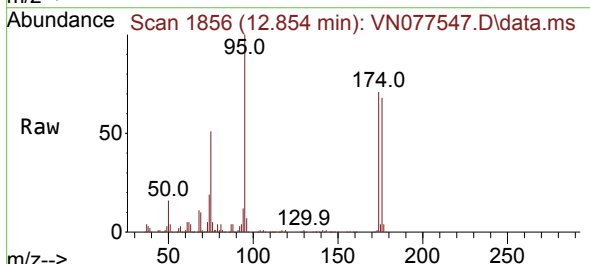
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-RW10-MW01D-GW-20230426

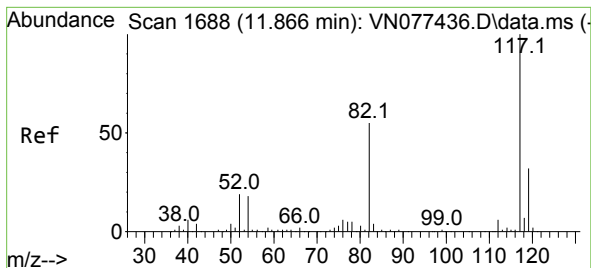
Tgt Ion: 43 Resp: 1730
Ion Ratio Lower Upper
43 100
58 63.7 31.7 95.1



#62
4-Bromofluorobenzene
Concen: 48.959 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077547.D
Acq: 01 May 2023 17:12

Tgt Ion: 95 Resp: 411361
Ion Ratio Lower Upper
95 100
174 70.7 0.0 143.8
176 68.3 0.0 135.8

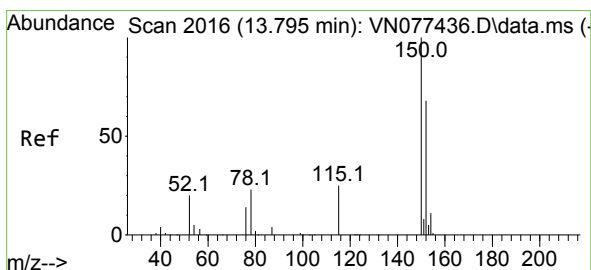
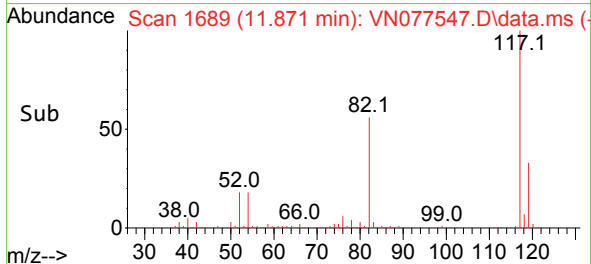
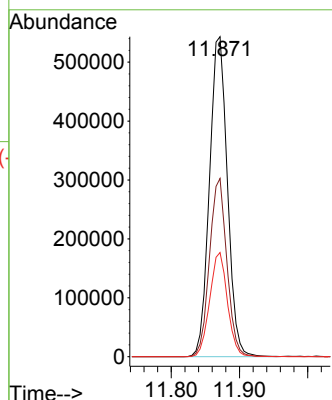
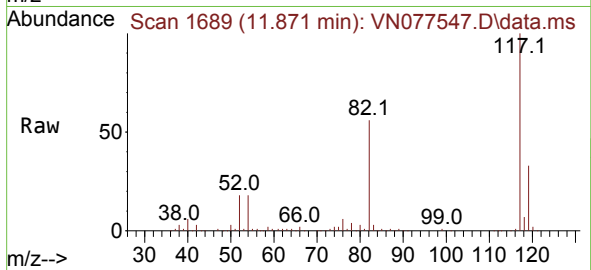




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077547.D
Acq: 01 May 2023 17:12

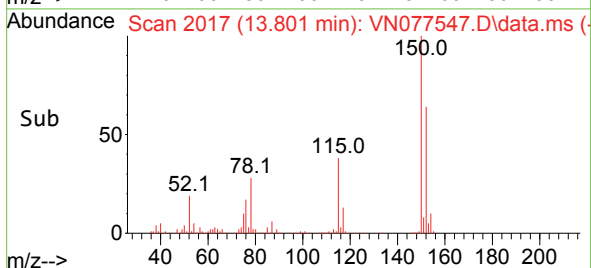
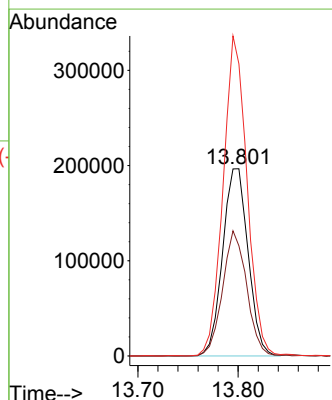
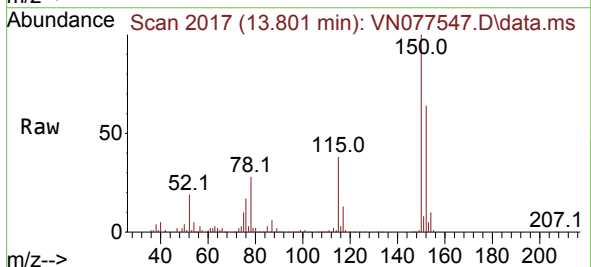
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-RW10-MW01D-GW-20230426

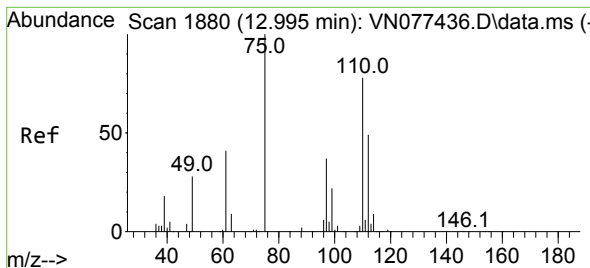
Tgt Ion:117 Resp: 994307
Ion Ratio Lower Upper
117 100
82 55.7 44.0 66.0
119 32.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.801 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN077547.D
Acq: 01 May 2023 17:12

Tgt Ion:152 Resp: 347105
Ion Ratio Lower Upper
152 100
115 63.5 32.3 96.8
150 160.5 0.0 355.8





#76

1,2,3-Trichloropropane

Concen: 26.853 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. -0.141 min

Lab File: VN077547.D

Acq: 01 May 2023 17:12

Instrument :

MSVOA_N

ClientSampleId :

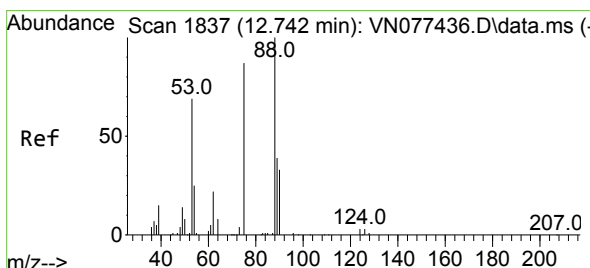
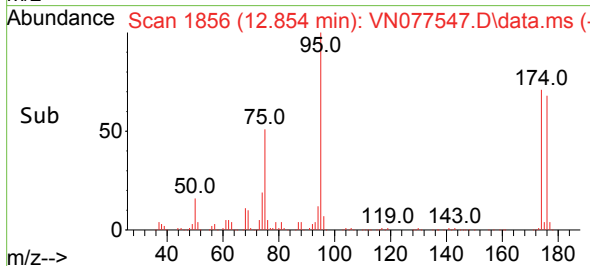
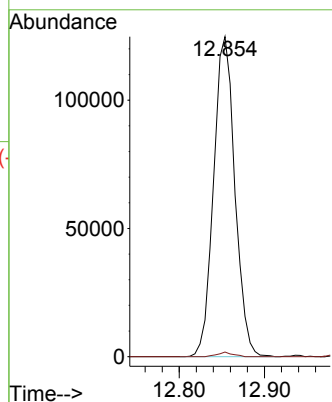
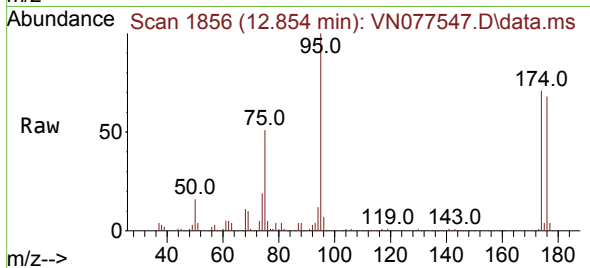
BP-TT-RW10-MW01D-GW-20230426

Tgt Ion: 75 Resp: 216745

Ion Ratio Lower Upper

75 100

77 1.0 84.5 253.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 75.864 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. 0.112 min

Lab File: VN077547.D

Acq: 01 May 2023 17:12

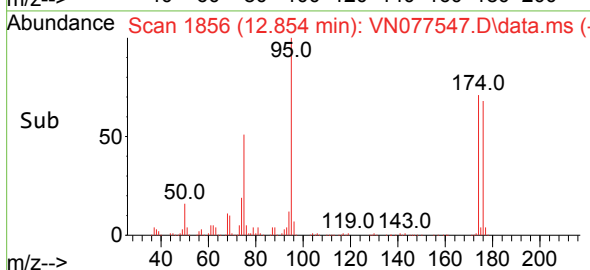
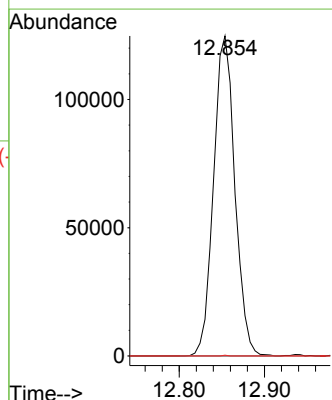
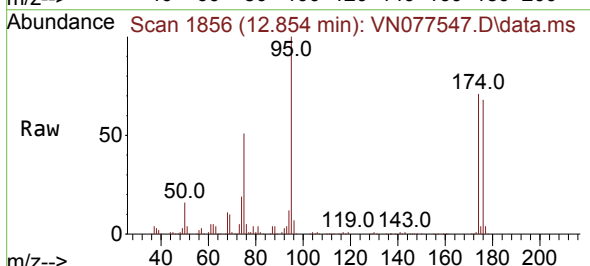
Tgt Ion: 75 Resp: 216745

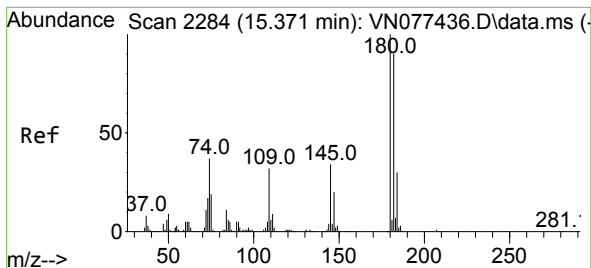
Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.2#

89 0.0 38.8 58.2#





#93

1,2,4-Trichlorobenzene

Concen: 1.197 ug/l

RT: 15.401 min Scan# 21

Delta R.T. 0.030 min

Lab File: VN077547.D

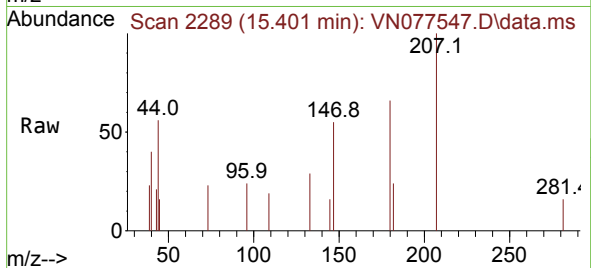
Acq: 01 May 2023 17:12

Instrument :

MSVOA_N

ClientSampleId :

BP-TT-RW10-MW01D-GW-20230426



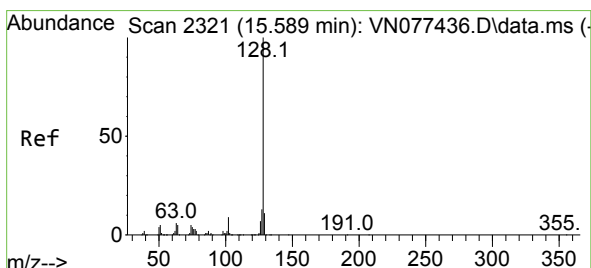
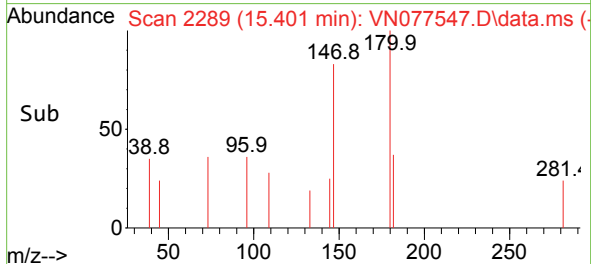
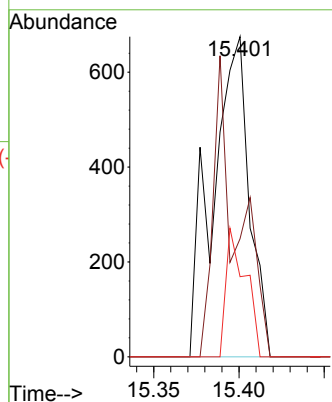
Tgt Ion:180 Resp: 1008

Ion Ratio Lower Upper

180 100

182 61.7 46.1 138.2

145 21.4 16.6 49.8



#95

Naphthalene

Concen: 1.498 ug/l

RT: 15.642 min Scan# 2330

Delta R.T. 0.053 min

Lab File: VN077547.D

Acq: 01 May 2023 17:12

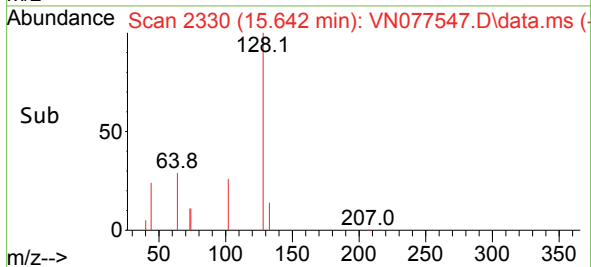
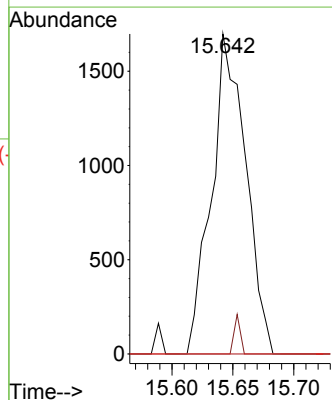
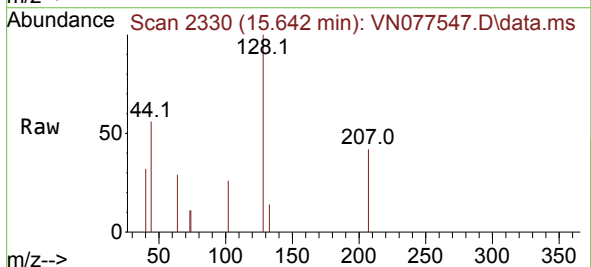
Tgt Ion:128 Resp: 3330

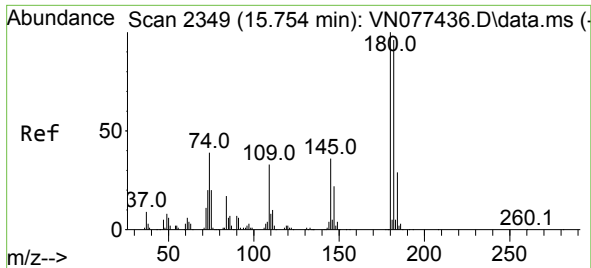
Ion Ratio Lower Upper

128 100

127 2.2 10.0 15.0#

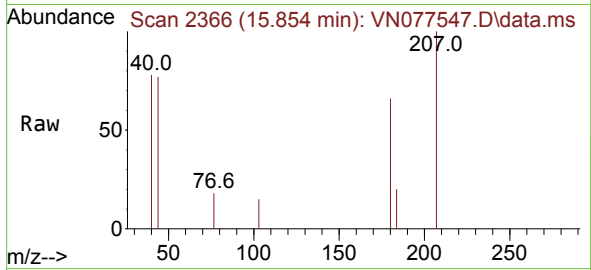
129 0.0 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.800 ug/l
 RT: 15.854 min Scan# 21
 Delta R.T. 0.100 min
 Lab File: VN077547.D
 Acq: 01 May 2023 17:12

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-RW10-MW01D-GW-20230426



Tgt Ion:180 Resp: 753
 Ion Ratio Lower Upper
 180 100
 182 88.4 46.2 138.6
 145 0.0 17.5 52.6#

