

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
 Data File : VN076931.D
 Acq On : 10 Mar 2023 18:01
 Operator : JC\MD
 Sample : PB151321TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB151321TB

Quant Time: Mar 13 01:21:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	374698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	617391	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	547290	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	234905	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	263953	47.206	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.420%		
35) Dibromofluoromethane	8.172	113	190330	46.256	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.520%		
50) Toluene-d8	10.571	98	737284	48.619	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.240%		
62) 4-Bromofluorobenzene	12.854	95	269733	48.629	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.260%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.984	94	612	0.245	ug/l #	60
10) Methyl Iodide	4.607	142	2015	0.428	ug/l #	74
11) Tert butyl alcohol	5.531	59	2946	3.787	ug/l #	72
13) Acrolein	4.201	56	181	0.259	ug/l #	56
15) Acrylonitrile	5.742	53	650	0.296	ug/l #	51
16) Acetone	4.448	43	40290	20.794	ug/l #	86
18) Methyl Acetate	5.042	43	3742	0.524	ug/l #	65
20) Methylene Chloride	5.295	84	18947	3.803	ug/l #	85
25) 2-Butanone	7.501	43	11799	4.282	ug/l	93
29) Tetrahydrofuran	7.842	42	899	0.526	ug/l #	26
31) Cyclohexane	8.236	56	8108	1.011	ug/l #	39
36) 1,1-Dichloropropene	8.230	75	31925	5.017	ug/l #	51
37) Ethyl Acetate	7.572	43	60769	11.941	ug/l	99
38) Carbon Tetrachloride	8.236	117	43419	5.830	ug/l #	15
42) 1,2-Dichloroethane	8.683	62	1550	0.212	ug/l	81
43) Isopropyl Acetate	8.695	43	268686	29.908	ug/l #	84
45) 1,2-Dichloropropane	9.736	63	3664	0.794	ug/l #	43
48) Methyl methacrylate	9.672	41	8083	1.836	ug/l #	31
49) 1,4-Dioxane	9.748	88	405	4.859	ug/l #	1
51) 4-Methyl-2-Pentanone	10.448	43	21626	4.007	ug/l #	70
52) Toluene	10.636	92	2707	0.234	ug/l	100
54) cis-1,3-Dichloropropene	10.360	75	105961	14.153	ug/l #	66
57) 1,3-Dichloropropane	11.201	76	13378	1.689	ug/l #	42
59) 2-Hexanone	11.171	43	223736	56.858	ug/l #	17
68) m/p-Xylenes	12.071	106	1839	0.217	ug/l	78
74) N-amyl acetate	12.483	43	2506	0.362	ug/l #	63
76) 1,2,3-Trichloropropane	12.848	75	147097	25.829	ug/l #	1
77) Bromobenzene	12.983	156	1177	0.252	ug/l	86
81) trans-1,4-Dichloro-2-b...	12.848	75	147097	84.369	ug/l #	15
82) 4-Chlorotoluene	13.218	91	3965	0.278	ug/l	94
87) 1,3-Dichlorobenzene	13.736	146	2830	0.332	ug/l	96
88) 1,4-Dichlorobenzene	13.736	146	2830	0.331	ug/l	96
89) n-Butylbenzene	14.059	91	3324	0.238	ug/l	88
91) 1,2-Dichlorobenzene	14.112	146	2439	0.285	ug/l	88
93) 1,2,4-Trichlorobenzene	15.395	180	2726	0.572	ug/l	81
95) Naphthalene	15.648	128	12283	0.866	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
Data File : VN076931.D
Acq On : 10 Mar 2023 18:01
Operator : JC\MD
Sample : PB151321TB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB151321TB

Quant Time: Mar 13 01:21:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 10 13:47:39 2023
Response via : Initial Calibration

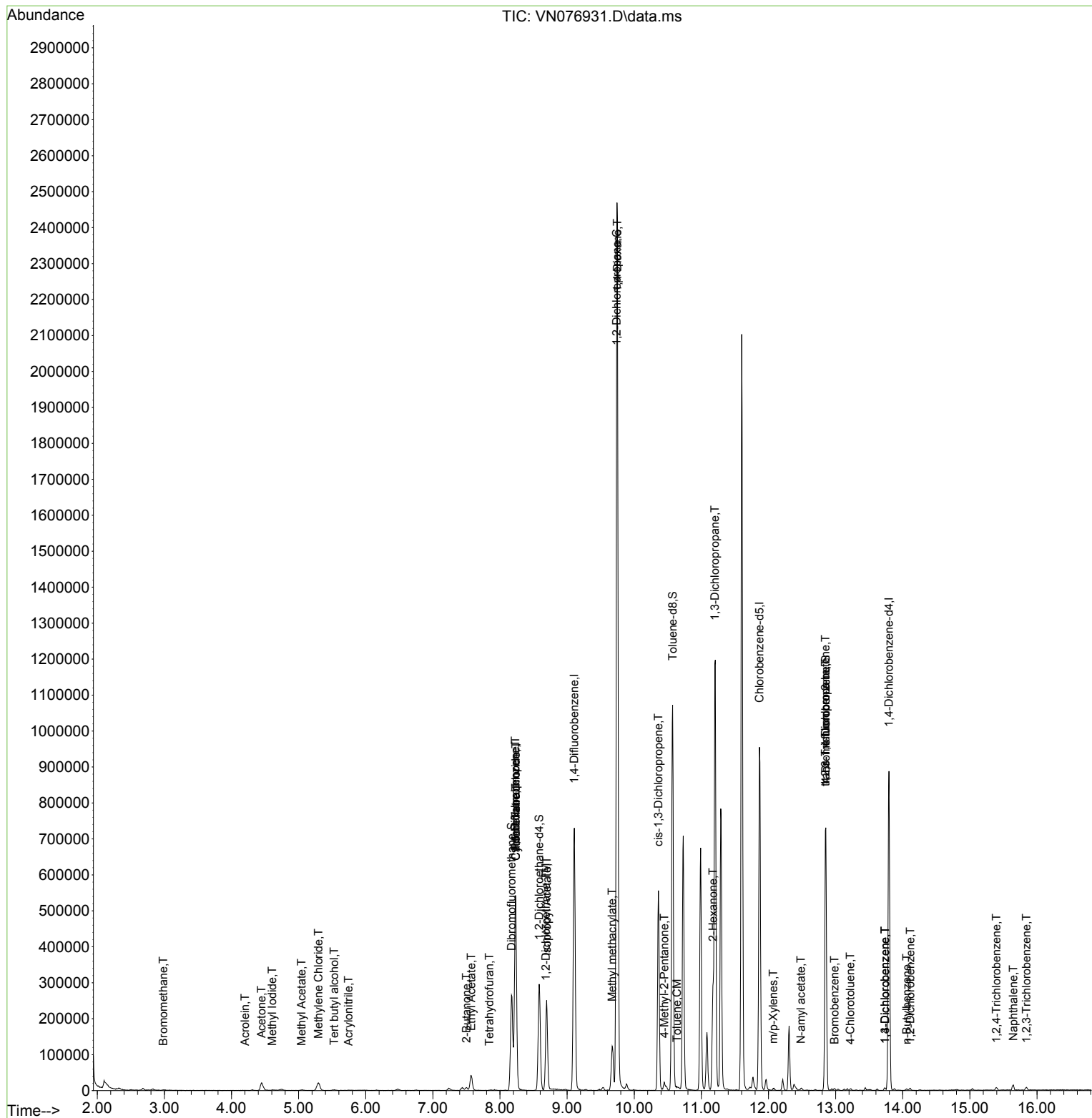
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.842	180	3468	0.750	ug/l	97

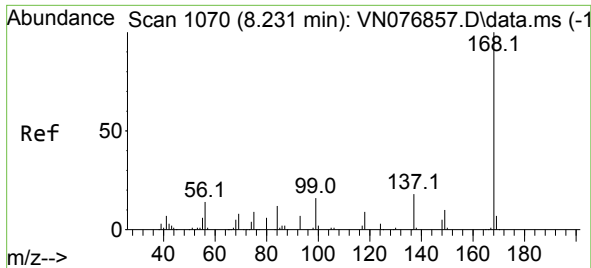
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
Data File : VN076931.D
Acq On : 10 Mar 2023 18:01
Operator : JC\MD
Sample : PB151321TB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB151321TB

Quant Time: Mar 13 01:21:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 10 13:47:39 2023
Response via : Initial Calibration

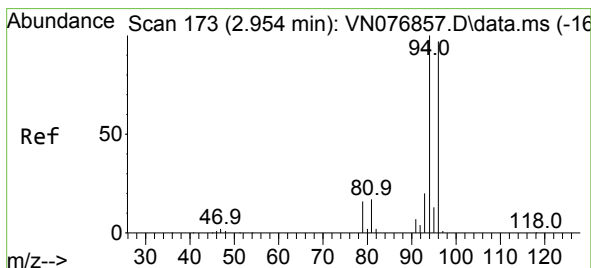
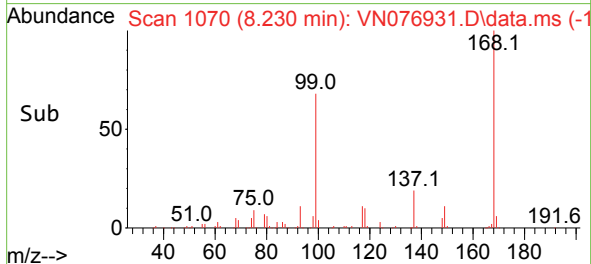
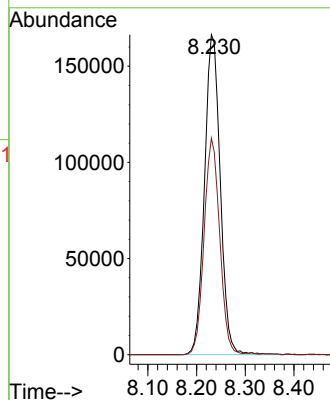
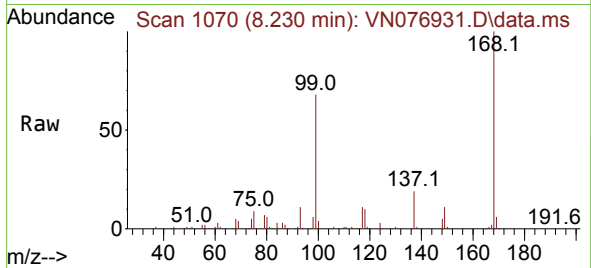




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN076931.D
Acq: 10 Mar 2023 18:01

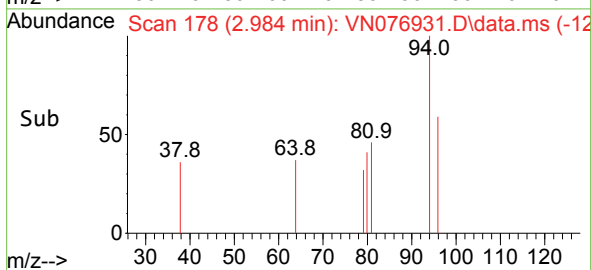
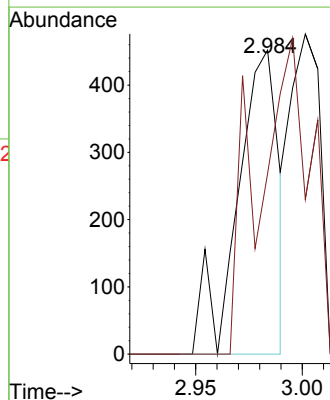
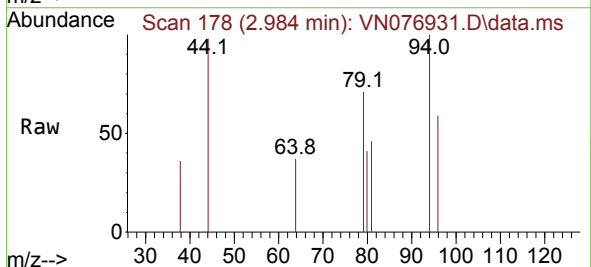
Instrument :
MSVOA_N
ClientSampleId :
PB151321TB

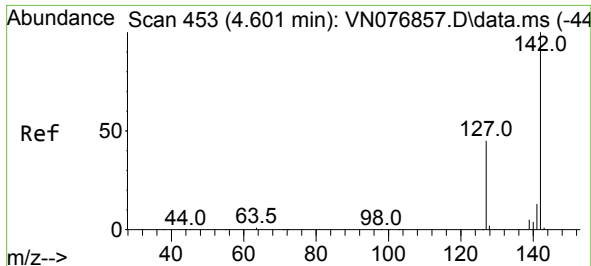
Tgt Ion:168 Resp: 374698
Ion Ratio Lower Upper
168 100
99 67.7 48.6 73.0



#5
Bromomethane
Concen: 0.245 ug/l
RT: 2.984 min Scan# 178
Delta R.T. 0.029 min
Lab File: VN076931.D
Acq: 10 Mar 2023 18:01

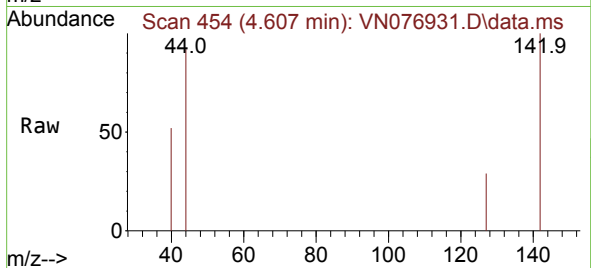
Tgt Ion: 94 Resp: 612
Ion Ratio Lower Upper
94 100
96 59.3 79.0 118.6#



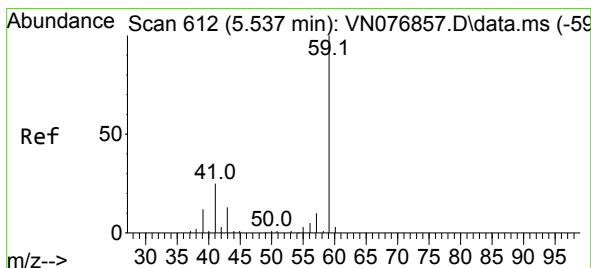
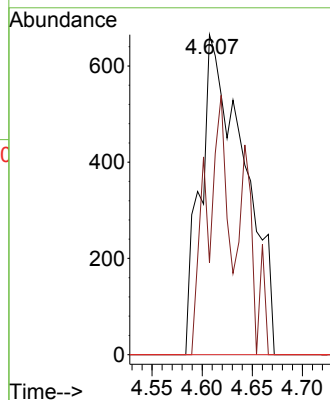
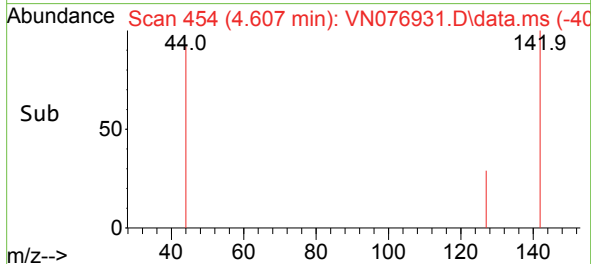


#10
Methyl Iodide
Concen: 0.428 ug/l
RT: 4.607 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN076931.D
Acq: 10 Mar 2023 18:01

Instrument :
MSVOA_N
ClientSampleId :
PB151321TB

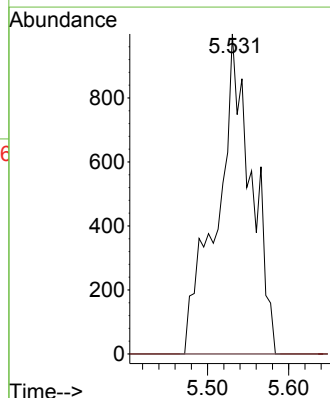
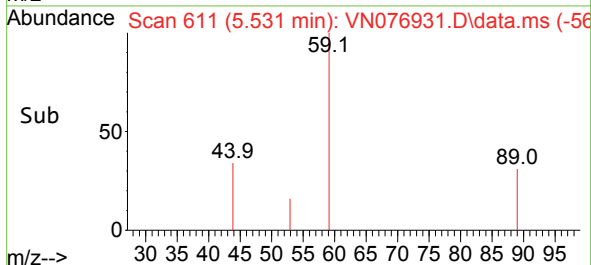
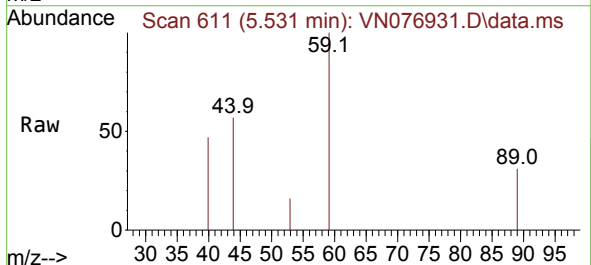


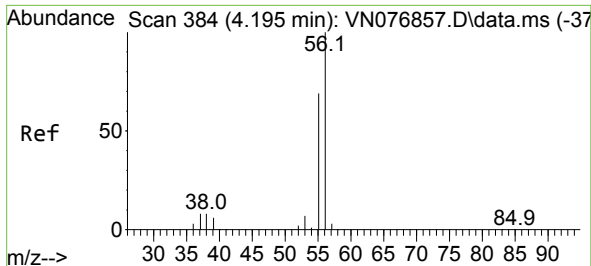
Tgt Ion:142 Resp: 2015
Ion Ratio Lower Upper
142 100
127 28.7 35.2 52.8#
141 0.0 10.2 15.2#



#11
Tert butyl alcohol
Concen: 3.787 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN076931.D
Acq: 10 Mar 2023 18:01

Tgt Ion: 59 Resp: 2946
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#





#13

Acrolein

Concen: 0.259 ug/l

RT: 4.201 min Scan# 385

Delta R.T. 0.012 min

Lab File: VN076931.D

Acq: 10 Mar 2023 18:01

Instrument :

MSVOA_N

ClientSampleId :

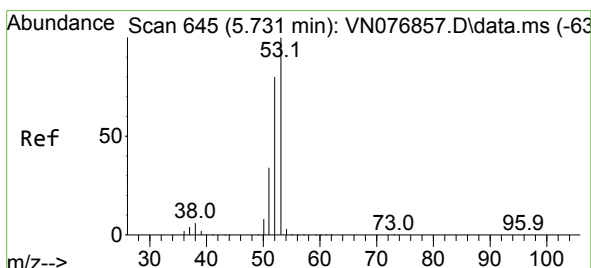
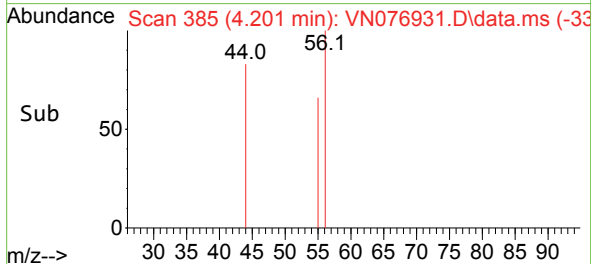
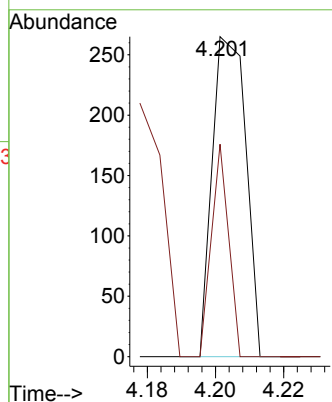
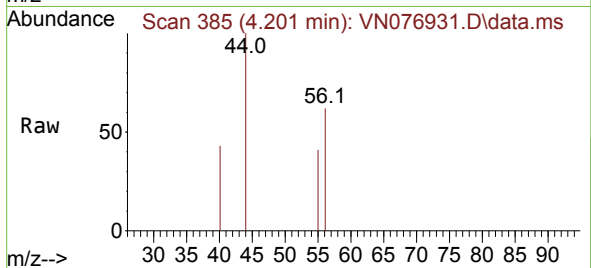
PB151321TB

Tgt Ion: 56 Resp: 181

Ion Ratio Lower Upper

56 100

55 34.3 56.7 85.1#



#15

Acrylonitrile

Concen: 0.296 ug/l

RT: 5.742 min Scan# 647

Delta R.T. 0.012 min

Lab File: VN076931.D

Acq: 10 Mar 2023 18:01

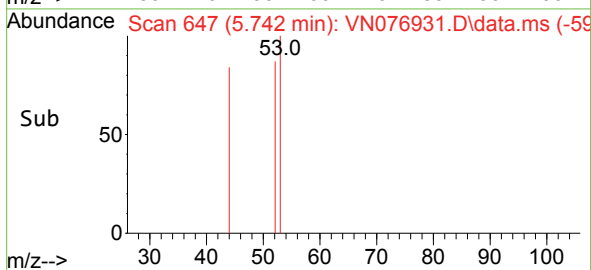
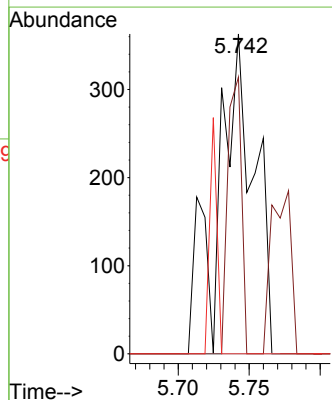
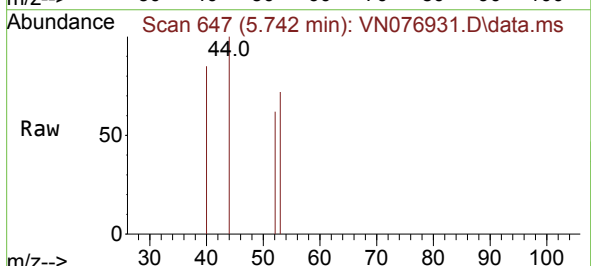
Tgt Ion: 53 Resp: 650

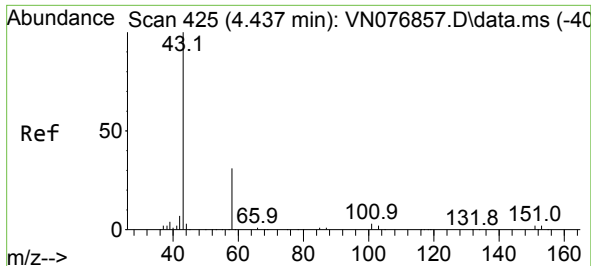
Ion Ratio Lower Upper

53 100

52 32.3 65.3 97.9#

51 14.6 28.8 43.2#

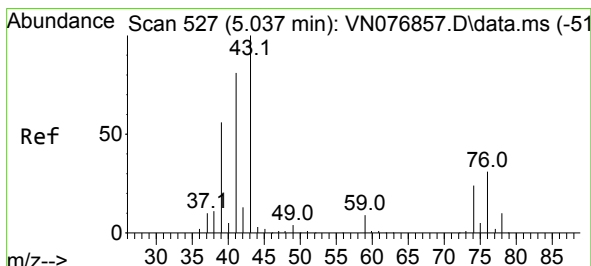
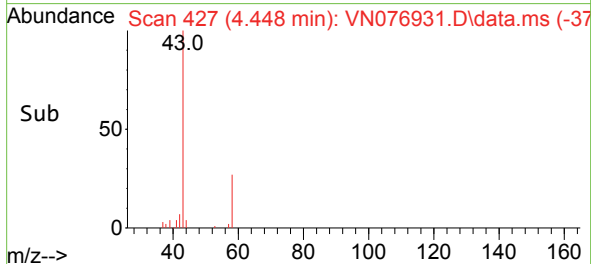
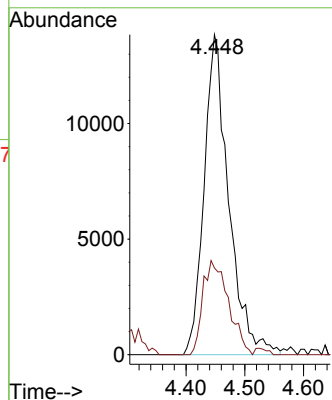
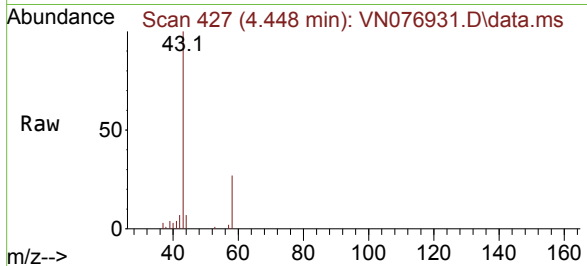




#16
Acetone
Concen: 20.794 ug/l
RT: 4.448 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN076931.D
Acq: 10 Mar 2023 18:01

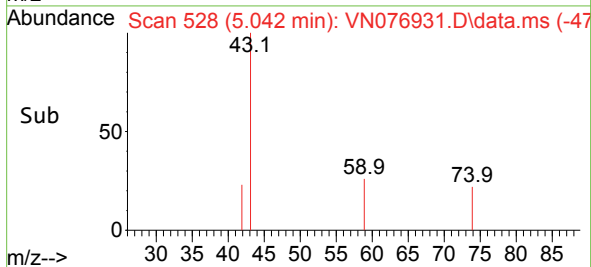
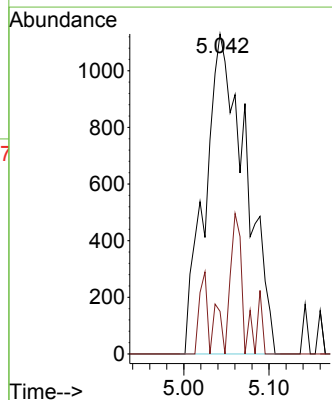
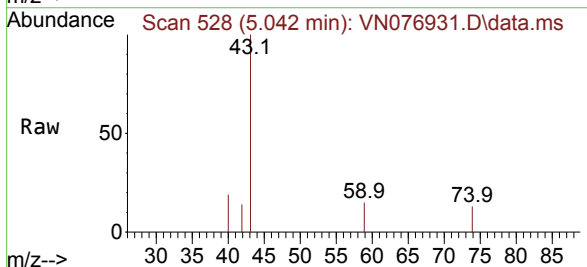
Instrument :
MSVOA_N
ClientSampleId :
PB151321TB

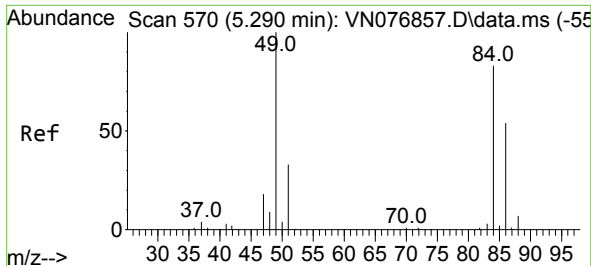
Tgt Ion: 43 Resp: 40290
Ion Ratio Lower Upper
43 100
58 27.1 28.2 42.2#



#18
Methyl Acetate
Concen: 0.524 ug/l
RT: 5.042 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN076931.D
Acq: 10 Mar 2023 18:01

Tgt Ion: 43 Resp: 3742
Ion Ratio Lower Upper
43 100
74 12.6 25.9 38.9#

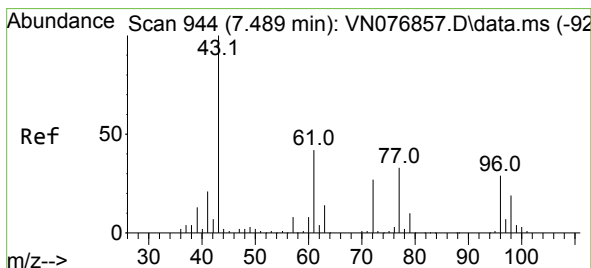
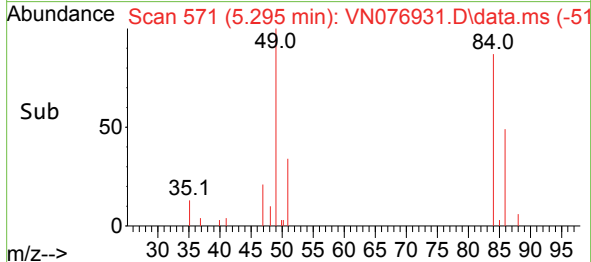
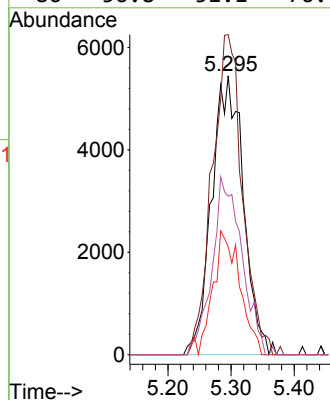
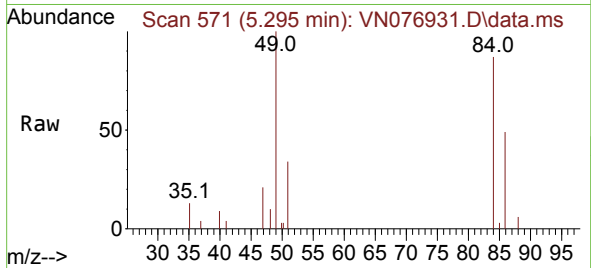




#20
Methylene Chloride
Concen: 3.803 ug/l
RT: 5.295 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN076931.D
Acq: 10 Mar 2023 18:01

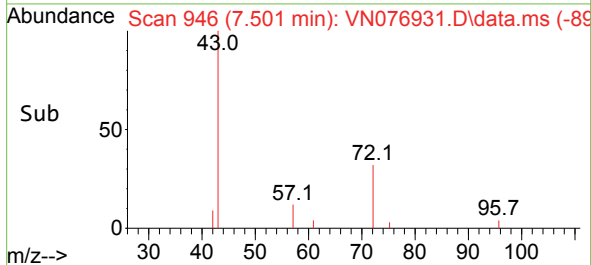
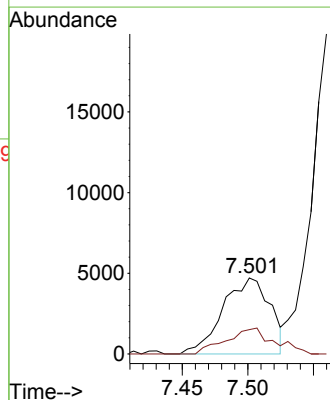
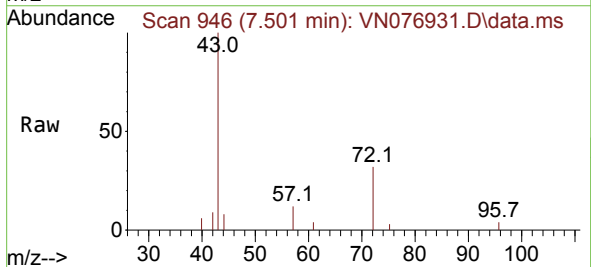
Instrument :
MSVOA_N
ClientSampleId :
PB151321TB

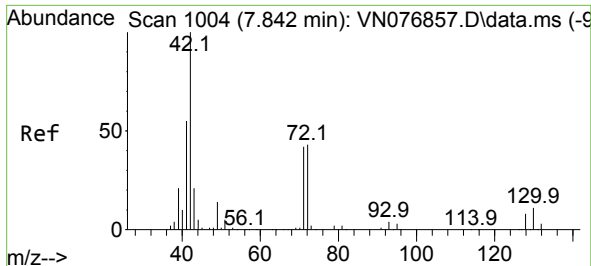
Tgt Ion: 84	Resp: 18947
Ion Ratio	Lower Upper
84 100	
49 114.7	76.6 114.8
51 38.6	25.4 38.2#
86 56.8	51.1 76.7



#25
2-Butanone
Concen: 4.282 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.012 min
Lab File: VN076931.D
Acq: 10 Mar 2023 18:01

Tgt Ion: 43	Resp: 11799
Ion Ratio	Lower Upper
43 100	
72 32.1	28.8 43.2





#29

Tetrahydrofuran

Concen: 0.526 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. -0.000 min

Lab File: VN076931.D

Acq: 10 Mar 2023 18:01

Instrument :

MSVOA_N

ClientSampleId :

PB151321TB

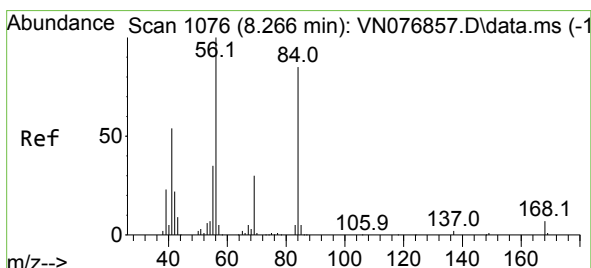
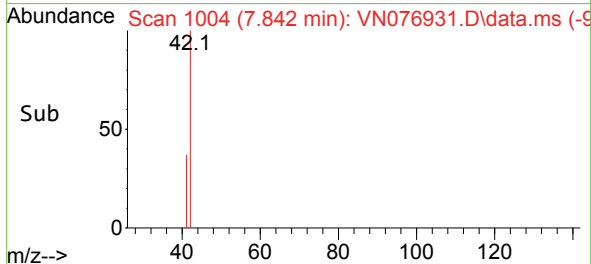
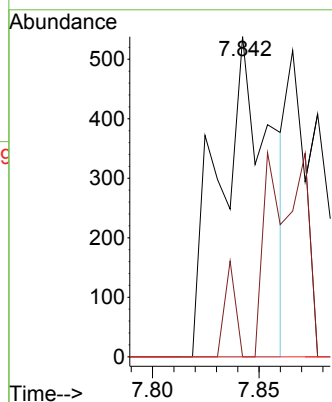
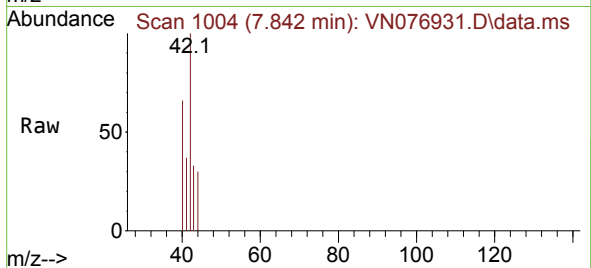
Tgt Ion: 42 Resp: 899

Ion Ratio Lower Upper

42 100

72 6.3 48.6 73.0#

71 0.0 45.1 67.7#



#31

Cyclohexane

Concen: 1.011 ug/l

RT: 8.236 min Scan# 1071

Delta R.T. -0.030 min

Lab File: VN076931.D

Acq: 10 Mar 2023 18:01

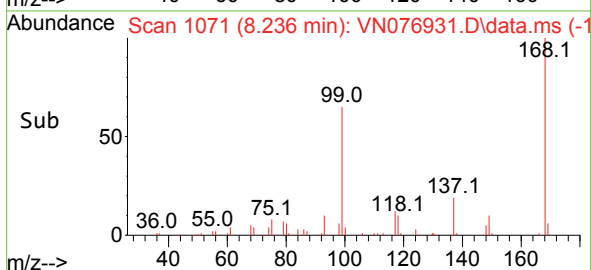
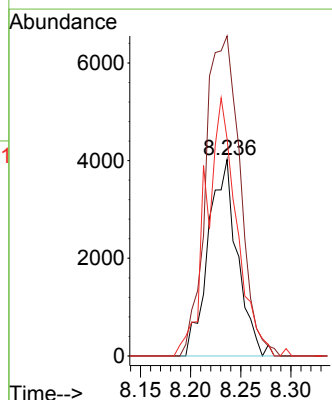
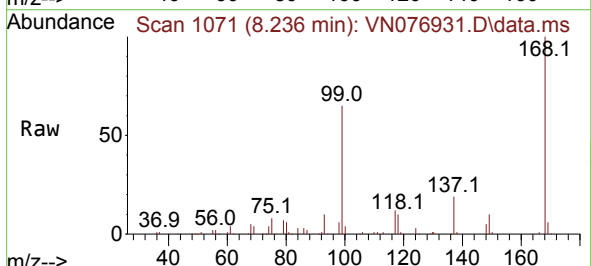
Tgt Ion: 56 Resp: 8108

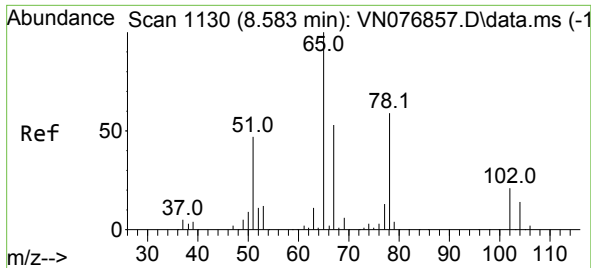
Ion Ratio Lower Upper

56 100

69 162.9 27.0 40.6#

84 110.6 82.9 124.3

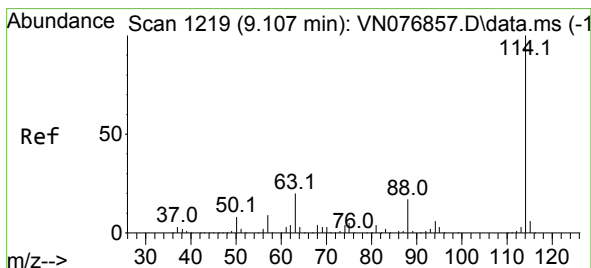
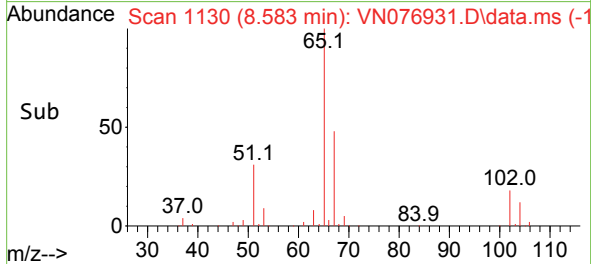
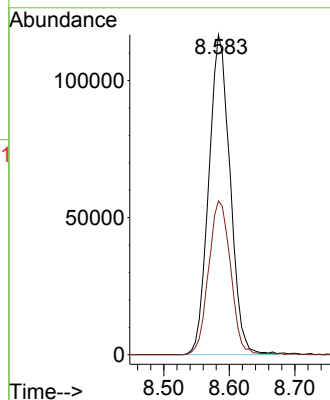
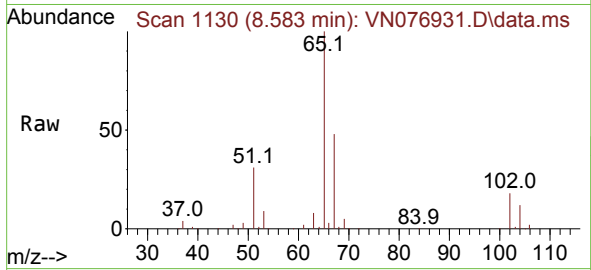




#33
 1,2-Dichloroethane-d4
 Concen: 47.206 ug/l
 RT: 8.583 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VN076931.D
 Acq: 10 Mar 2023 18:01

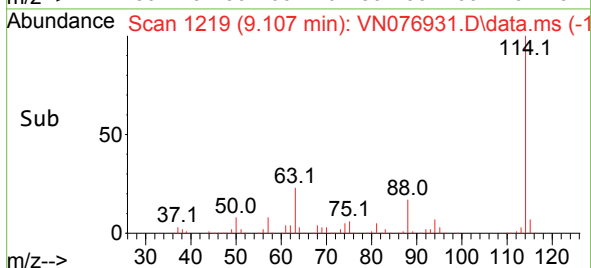
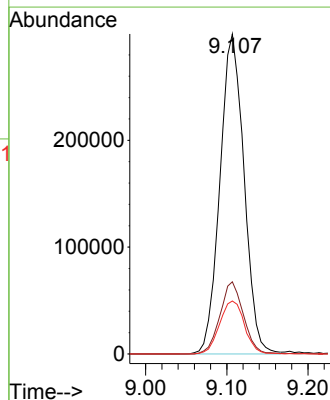
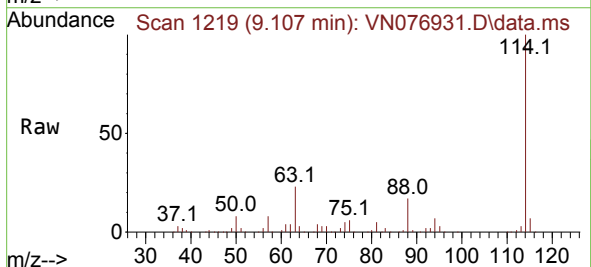
Instrument :
 MSVOA_N
 ClientSampleId :
 PB151321TB

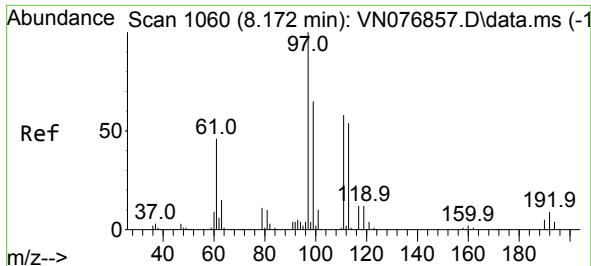
Tgt Ion: 65 Resp: 263953
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.107 min Scan# 1219
 Delta R.T. -0.000 min
 Lab File: VN076931.D
 Acq: 10 Mar 2023 18:01

Tgt Ion: 114 Resp: 617391
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 36.6
 88 16.6 0.0 28.6

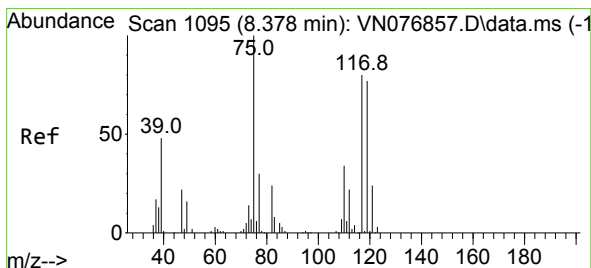
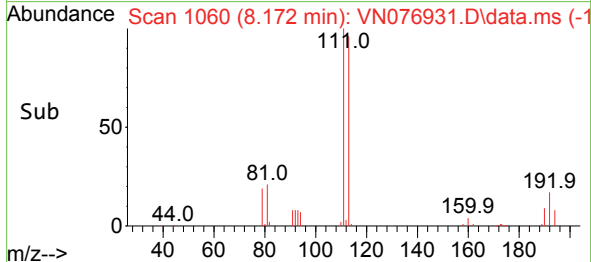
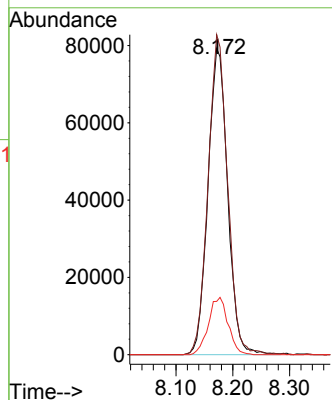
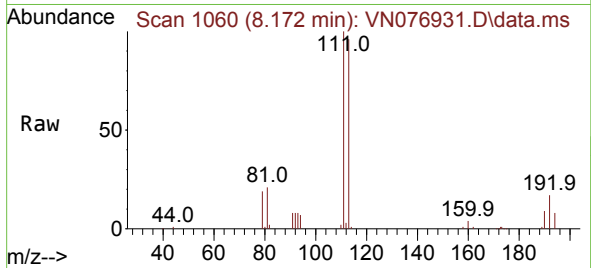




#35
Dibromofluoromethane
Concen: 46.256 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076931.D
Acq: 10 Mar 2023 18:01

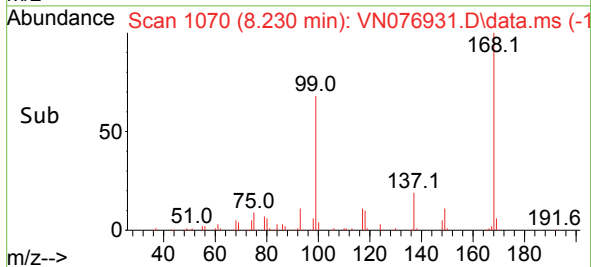
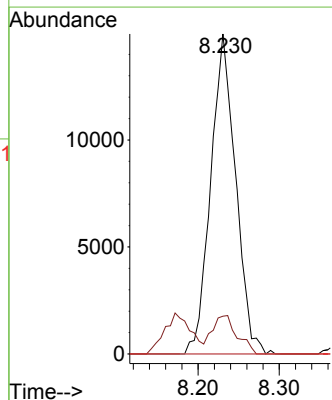
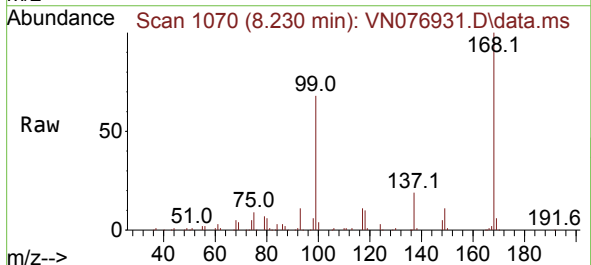
Instrument :
MSVOA_N
ClientSampleId :
PB151321TB

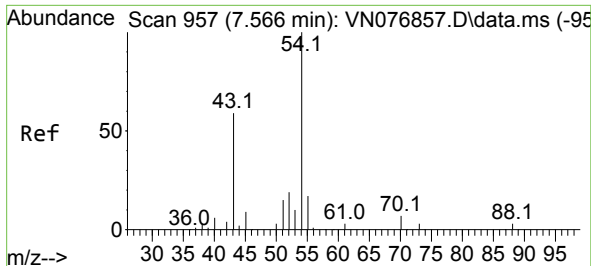
Tgt Ion:113 Resp: 190330
Ion Ratio Lower Upper
113 100
111 103.7 81.8 122.8
192 18.7 13.9 20.9



#36
1,1-Dichloropropene
Concen: 5.017 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.147 min
Lab File: VN076931.D
Acq: 10 Mar 2023 18:01

Tgt Ion: 75 Resp: 31925
Ion Ratio Lower Upper
75 100
110 11.9 18.9 56.9#
77 0.0 24.9 37.3#

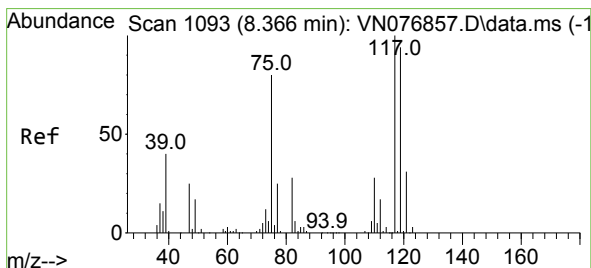
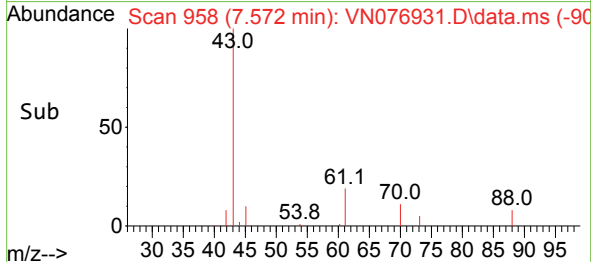
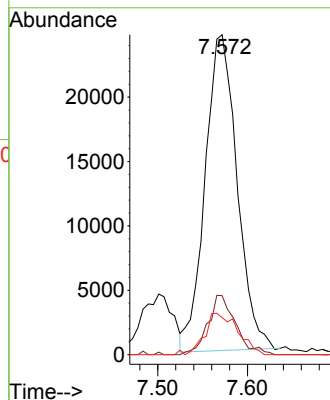
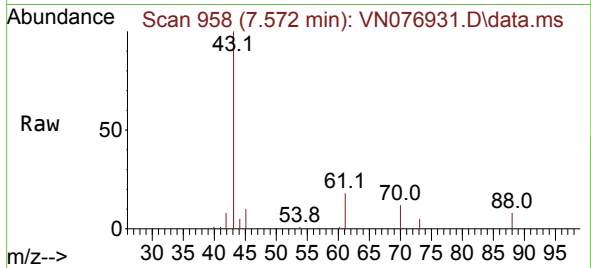




#37
Ethyl Acetate
Concen: 11.941 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076931.D
Acq: 10 Mar 2023 18:01

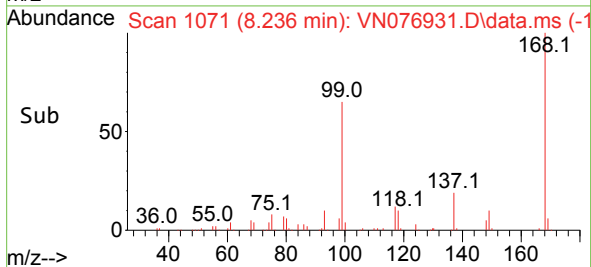
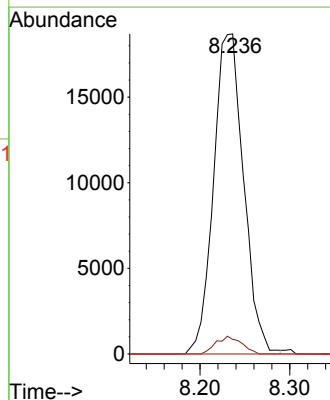
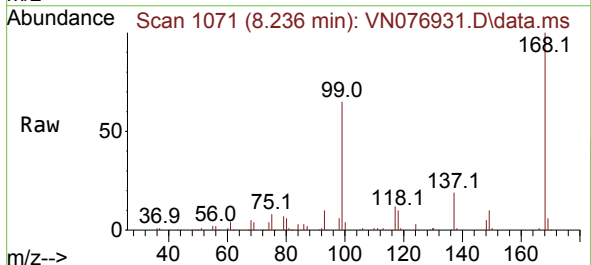
Instrument :
MSVOA_N
ClientSampleId :
PB151321TB

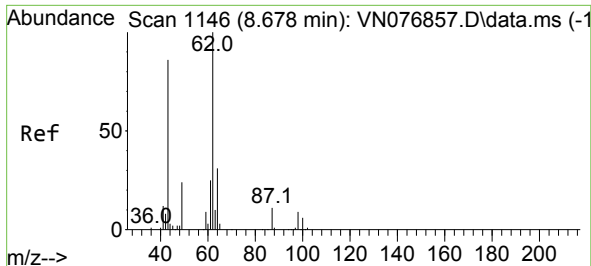
Tgt Ion: 43 Resp: 60769
Ion Ratio Lower Upper
43 100
61 16.3 13.5 20.3
70 13.6 11.0 16.6



#38
Carbon Tetrachloride
Concen: 5.830 ug/l
RT: 8.236 min Scan# 1071
Delta R.T. -0.135 min
Lab File: VN076931.D
Acq: 10 Mar 2023 18:01

Tgt Ion: 117 Resp: 43419
Ion Ratio Lower Upper
117 100
119 4.5 76.9 115.3#
121 0.0 23.2 34.8#





#42

1,2-Dichloroethane

Concen: 0.212 ug/l

RT: 8.683 min Scan# 1147

Delta R.T. 0.006 min

Lab File: VN076931.D

Acq: 10 Mar 2023 18:01

Instrument :

MSVOA_N

ClientSampleId :

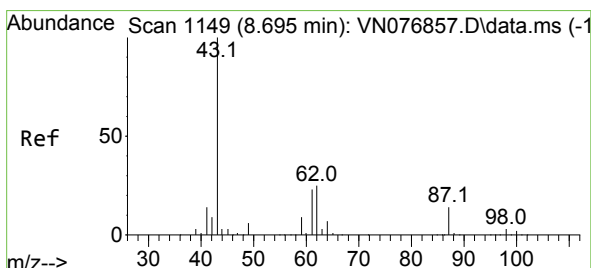
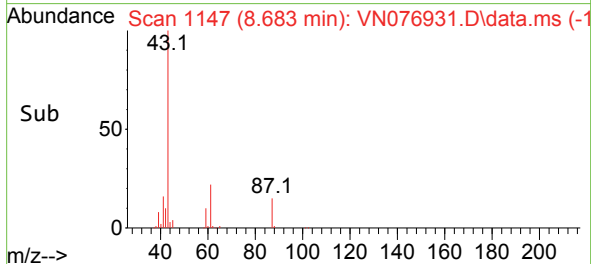
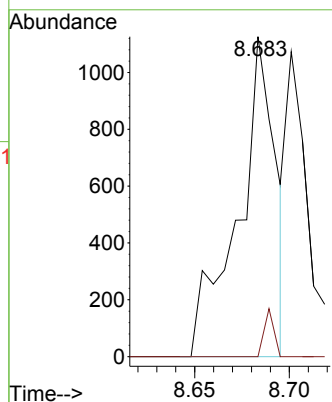
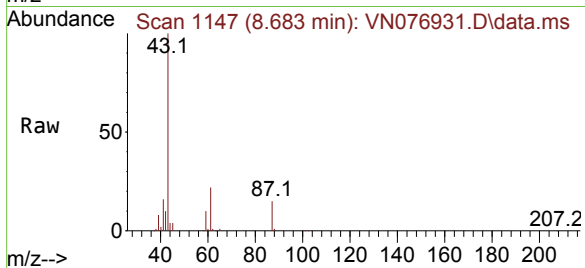
PB151321TB

Tgt Ion: 62 Resp: 1550

Ion Ratio Lower Upper

62 100

98 3.9 0.0 21.8



#43

Isopropyl Acetate

Concen: 29.908 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. -0.000 min

Lab File: VN076931.D

Acq: 10 Mar 2023 18:01

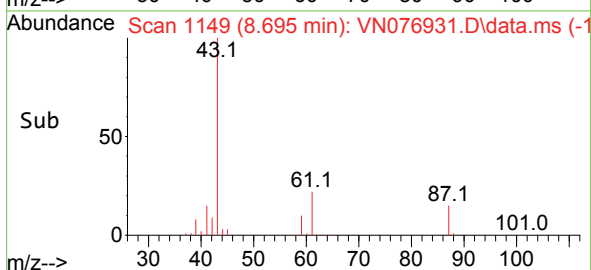
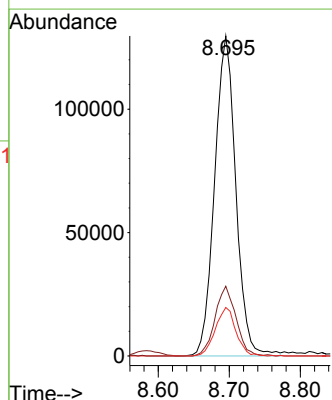
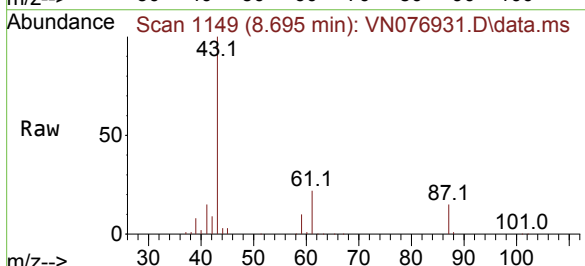
Tgt Ion: 43 Resp: 268686

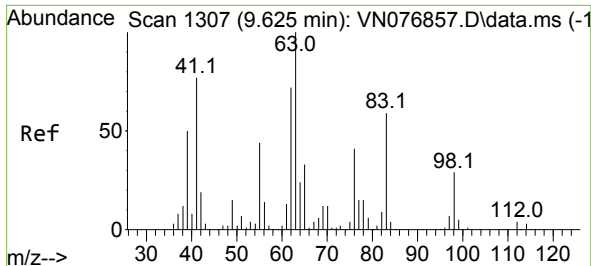
Ion Ratio Lower Upper

43 100

61 21.6 26.2 39.2#

87 14.7 14.8 22.2#

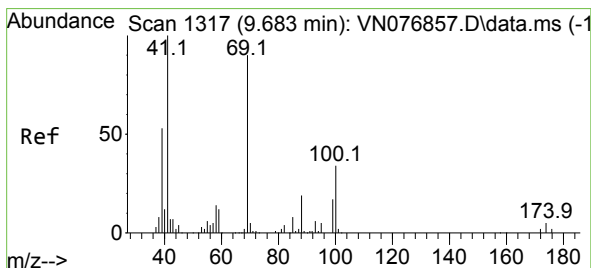
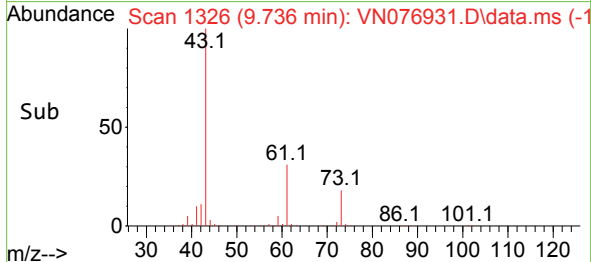
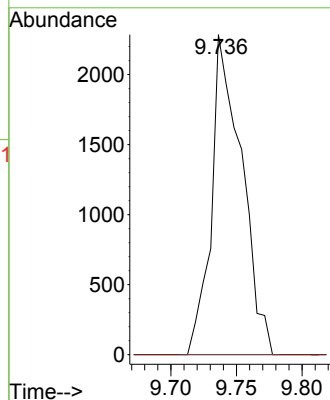
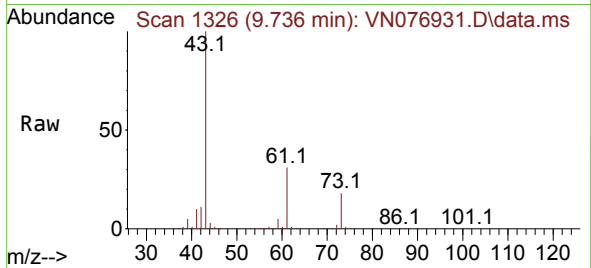




#45
1,2-Dichloropropane
Concen: 0.794 ug/l
RT: 9.736 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN076931.D
Acq: 10 Mar 2023 18:01

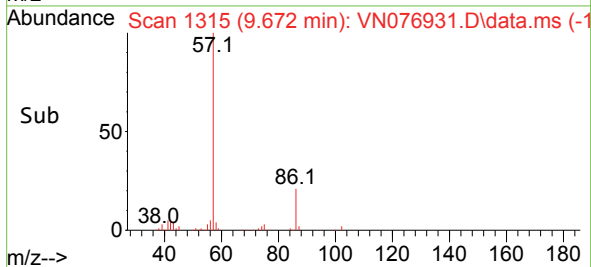
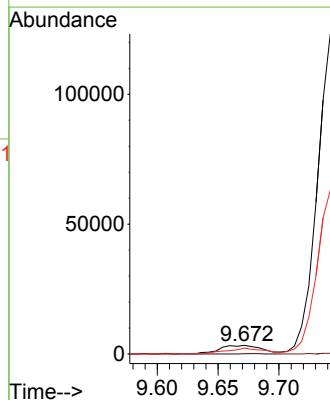
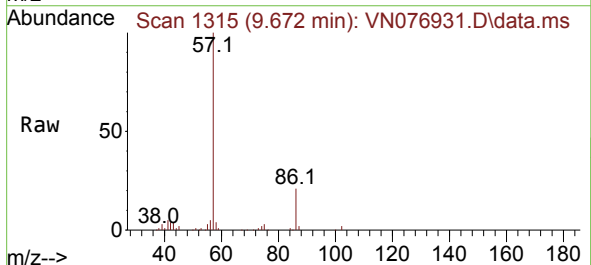
Instrument :
MSVOA_N
ClientSampleId :
PB151321TB

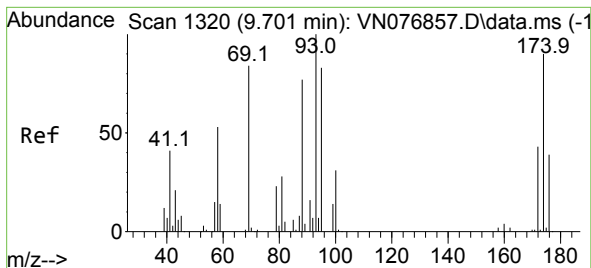
Tgt Ion: 63 Resp: 3664
Ion Ratio Lower Upper
63 100
65 0.0 25.0 37.6#



#48
Methyl methacrylate
Concen: 1.836 ug/l
RT: 9.672 min Scan# 1315
Delta R.T. -0.012 min
Lab File: VN076931.D
Acq: 10 Mar 2023 18:01

Tgt Ion: 41 Resp: 8083
Ion Ratio Lower Upper
41 100
69 2.3 92.6 139.0#
39 59.5 51.4 77.0





#49

1,4-Dioxane

Concen: 4.859 ug/l

RT: 9.748 min Scan# 1

Delta R.T. 0.053 min

Lab File: VN076931.D

Acq: 10 Mar 2023 18:01

Instrument :

MSVOA_N

ClientSampleId :

PB151321TB

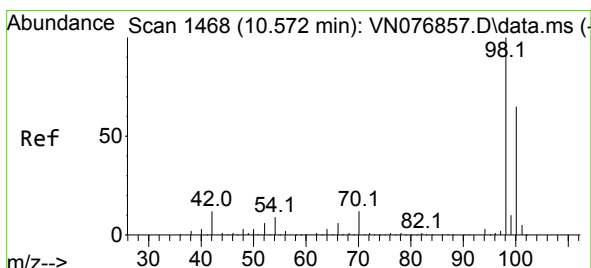
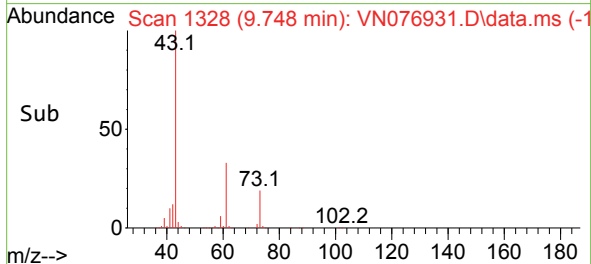
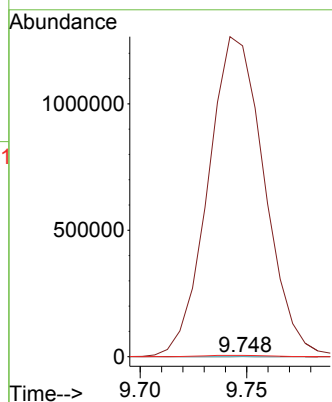
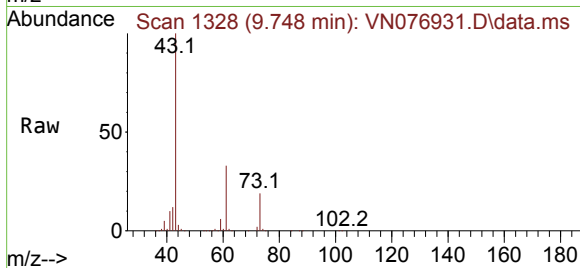
Tgt Ion: 88 Resp: 405

Ion Ratio Lower Upper

88 100

43 579598.8 15.3 22.9#

58 2727.9 47.6 71.4#



#50

Toluene-d8

Concen: 48.619 ug/l

RT: 10.571 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN076931.D

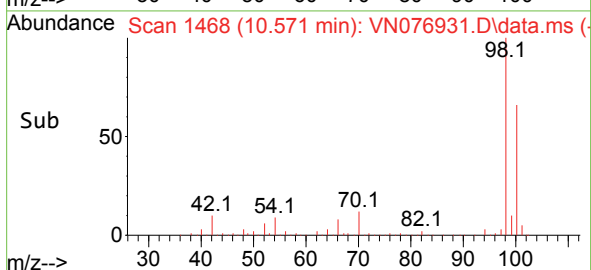
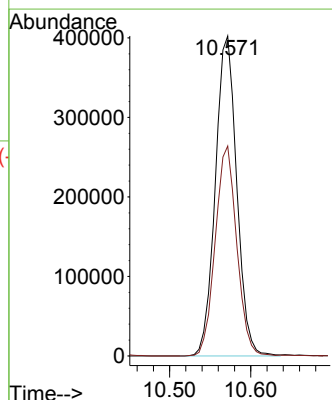
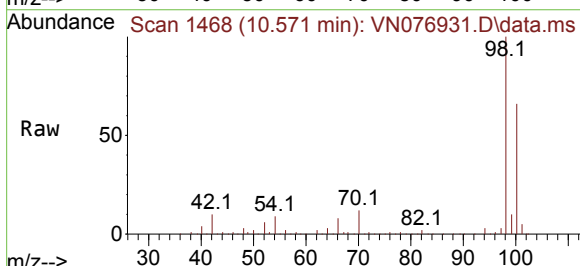
Acq: 10 Mar 2023 18:01

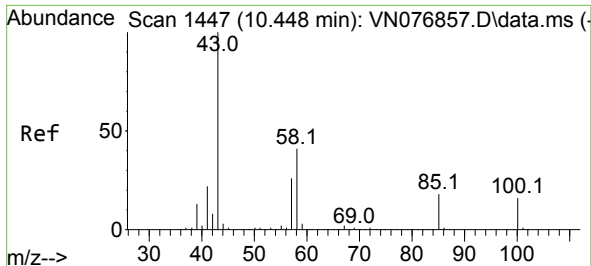
Tgt Ion: 98 Resp: 737284

Ion Ratio Lower Upper

98 100

100 66.3 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 4.007 ug/l

RT: 10.448 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VN076931.D

Acq: 10 Mar 2023 18:01

Instrument :

MSVOA_N

ClientSampleId :

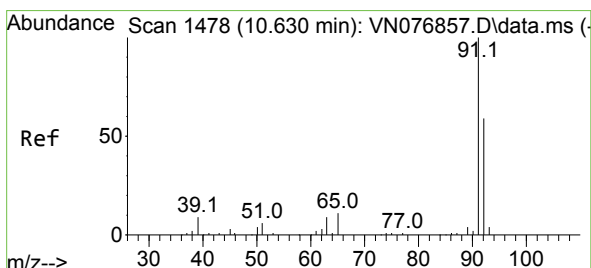
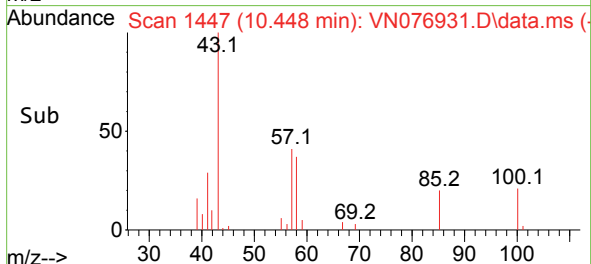
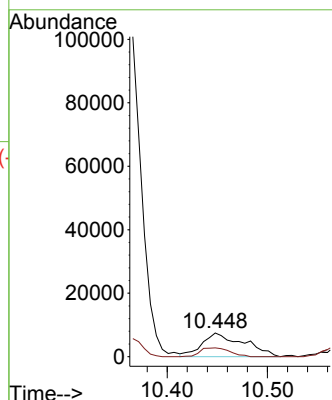
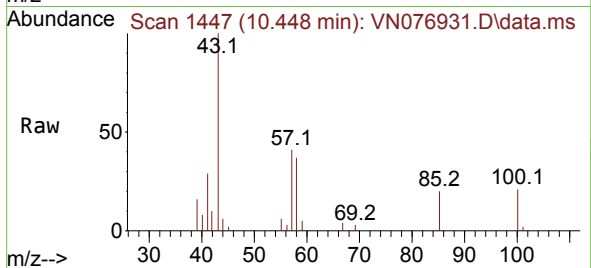
PB151321TB

Tgt Ion: 43 Resp: 21626

Ion Ratio Lower Upper

43 100

58 26.5 37.4 56.0#



#52

Toluene

Concen: 0.234 ug/l

RT: 10.636 min Scan# 1479

Delta R.T. -0.000 min

Lab File: VN076931.D

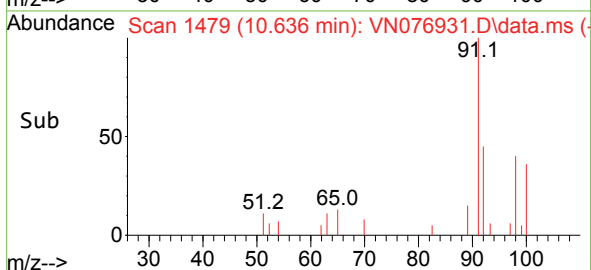
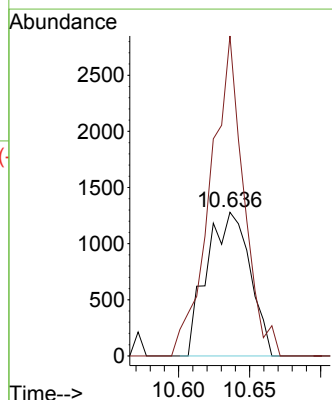
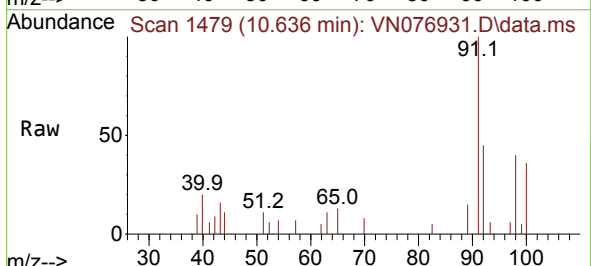
Acq: 10 Mar 2023 18:01

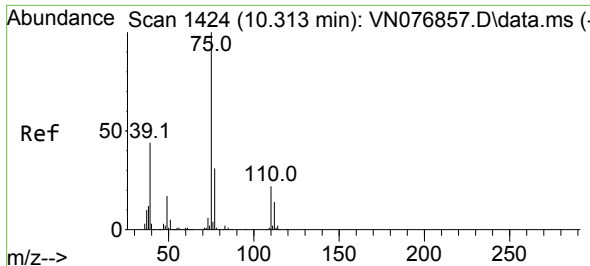
Tgt Ion: 92 Resp: 2707

Ion Ratio Lower Upper

92 100

91 172.0 138.2 207.2

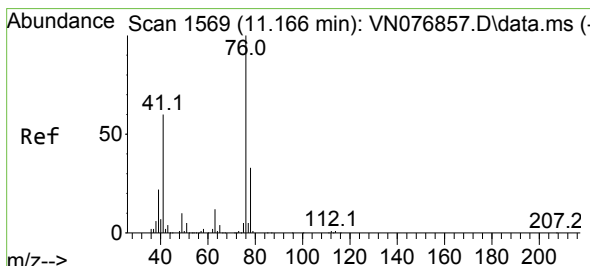
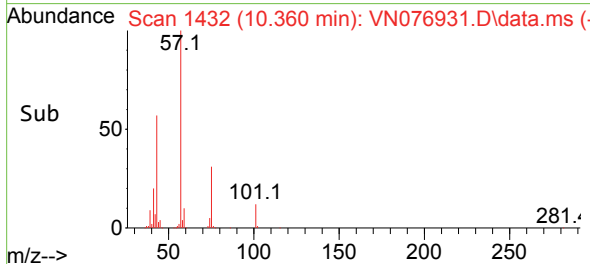
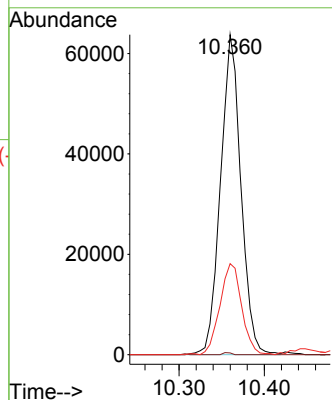
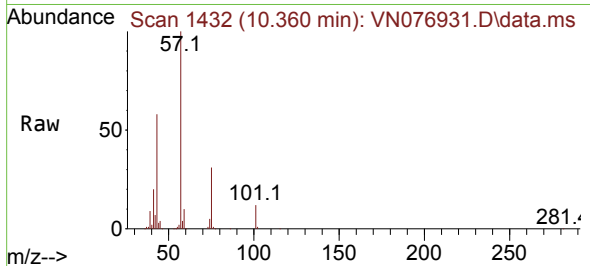




#54
 cis-1,3-Dichloropropene
 Concen: 14.153 ug/l
 RT: 10.360 min Scan# 1424
 Delta R.T. 0.047 min
 Lab File: VN076931.D
 Acq: 10 Mar 2023 18:01

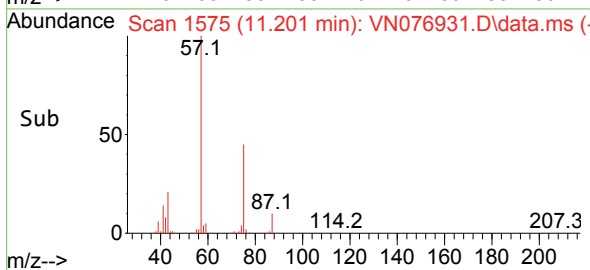
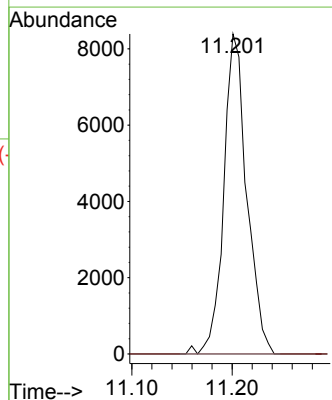
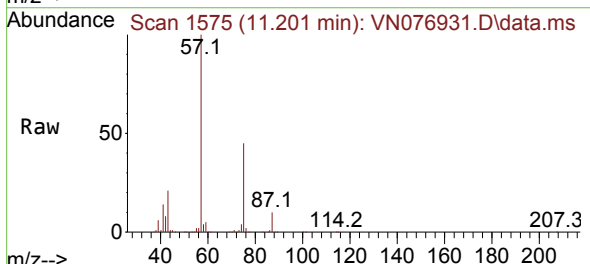
Instrument :
 MSVOA_N
 ClientSampleId :
 PB151321TB

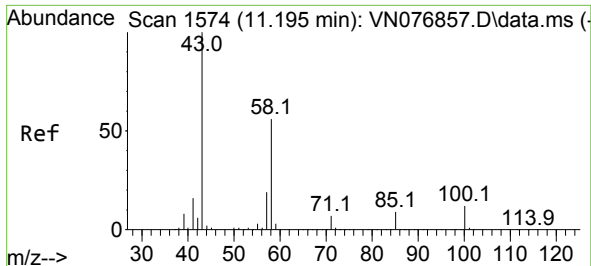
Tgt Ion: 75 Resp: 105961
 Ion Ratio Lower Upper
 75 100
 77 0.6 25.7 38.5#
 39 28.4 29.7 44.5#



#57
 1,3-Dichloropropane
 Concen: 1.689 ug/l
 RT: 11.201 min Scan# 1575
 Delta R.T. 0.035 min
 Lab File: VN076931.D
 Acq: 10 Mar 2023 18:01

Tgt Ion: 76 Resp: 13378
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.1 39.1#

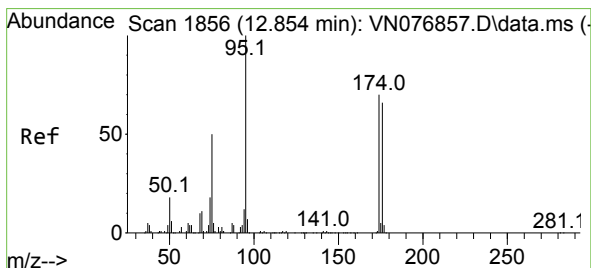
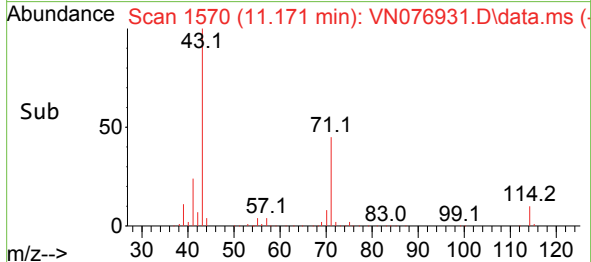
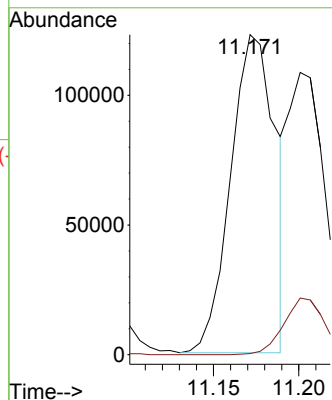
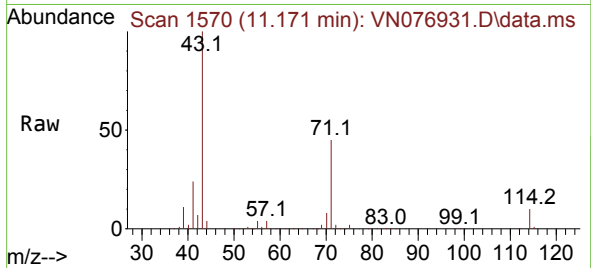




#59
2-Hexanone
Concen: 56.858 ug/l
RT: 11.171 min Scan# 111
Delta R.T. -0.024 min
Lab File: VN076931.D
Acq: 10 Mar 2023 18:01

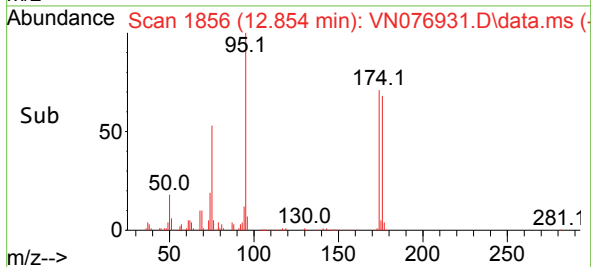
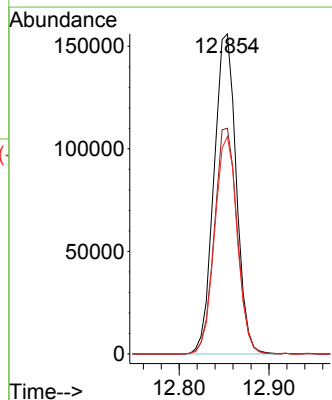
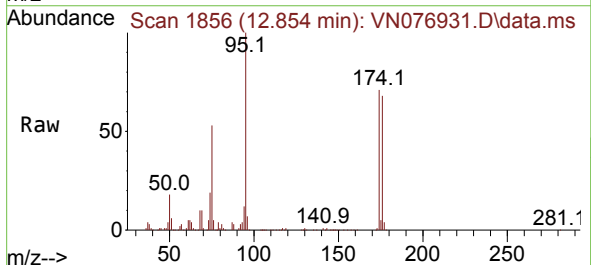
Instrument :
MSVOA_N
ClientSampleId :
PB151321TB

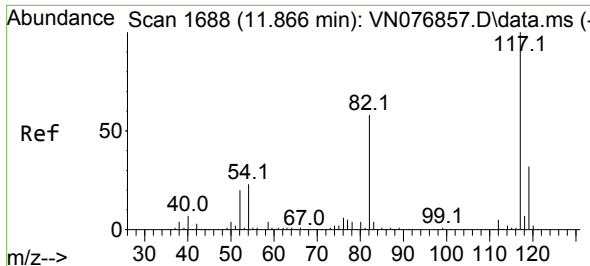
Tgt Ion: 43 Resp: 223736
Ion Ratio Lower Upper
43 100
58 0.0 32.6 98.0#



#62
4-Bromofluorobenzene
Concen: 48.629 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076931.D
Acq: 10 Mar 2023 18:01

Tgt Ion: 95 Resp: 269733
Ion Ratio Lower Upper
95 100
174 72.2 0.0 162.4
176 68.9 0.0 157.4

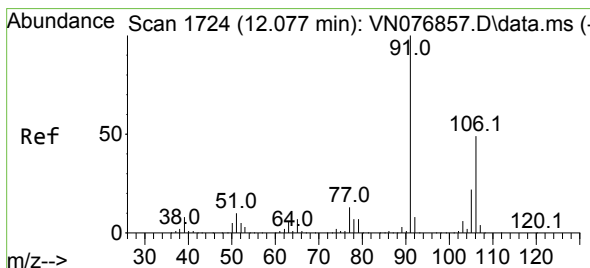
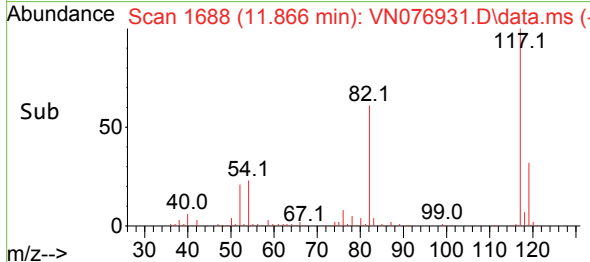
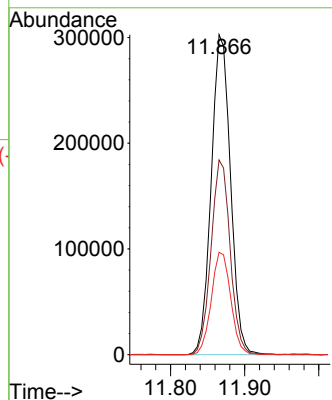
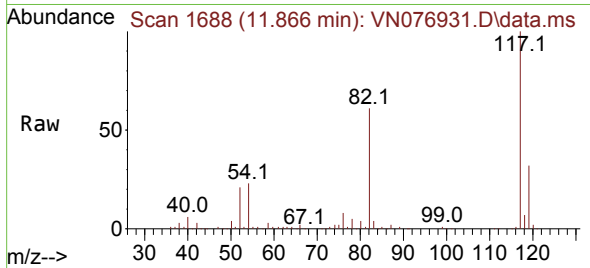




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076931.D
Acq: 10 Mar 2023 18:01

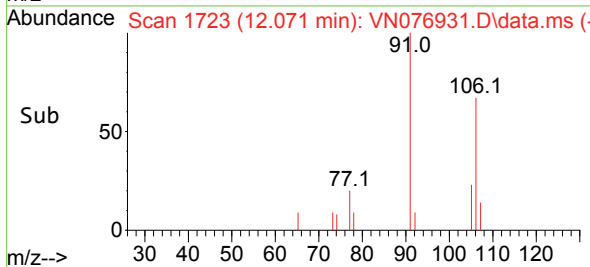
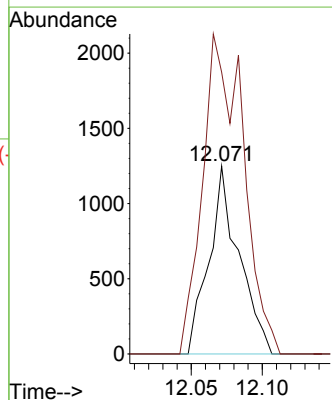
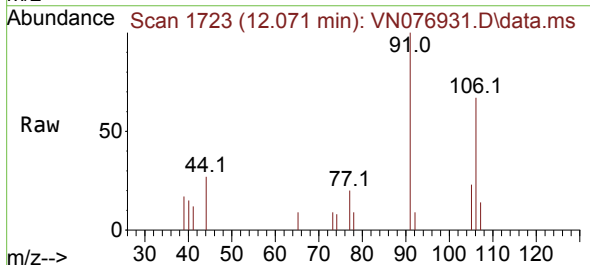
Instrument :
MSVOA_N
ClientSampleId :
PB151321TB

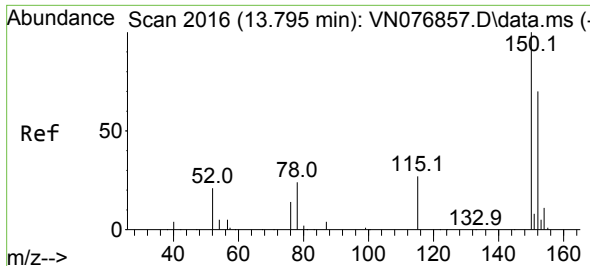
Tgt Ion:117 Resp: 547290
Ion Ratio Lower Upper
117 100
82 60.8 43.5 65.3
119 32.0 25.5 38.3



#68
m/p-Xylenes
Concen: 0.217 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN076931.D
Acq: 10 Mar 2023 18:01

Tgt Ion:106 Resp: 1839
Ion Ratio Lower Upper
106 100
91 230.0 158.0 237.0

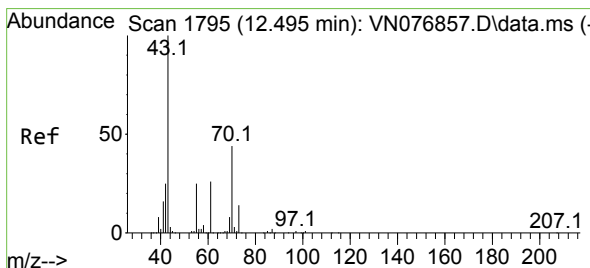
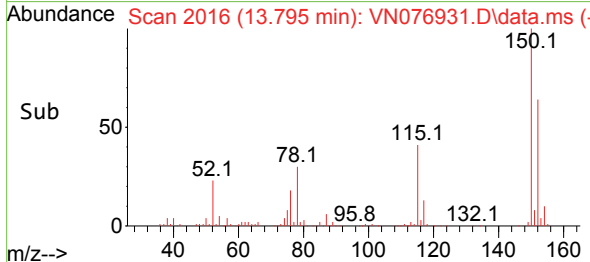
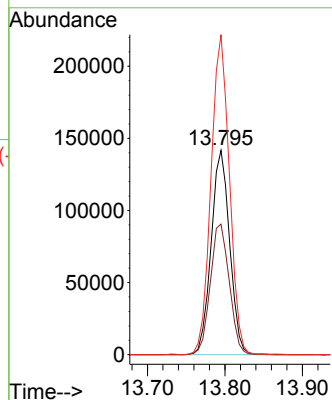
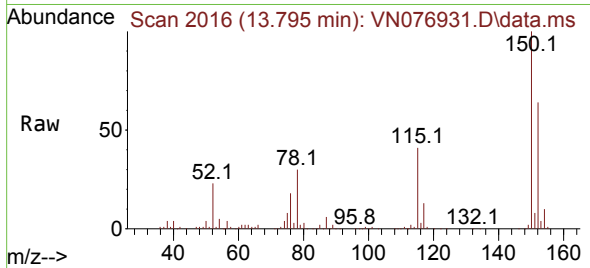




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN076931.D
Acq: 10 Mar 2023 18:01

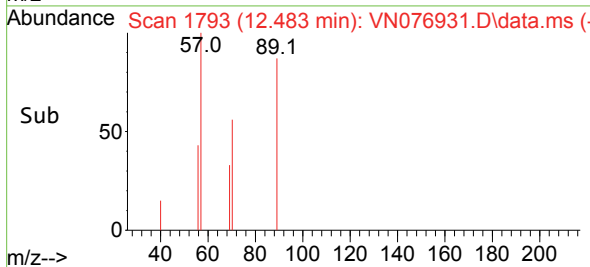
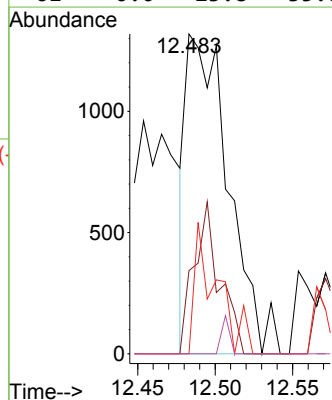
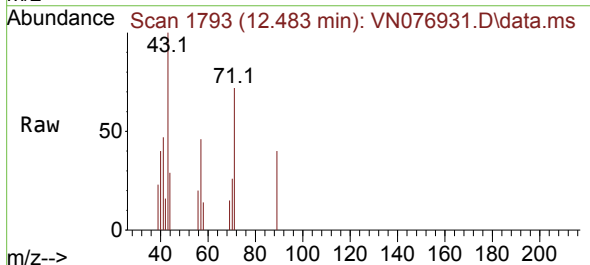
Instrument :
MSVOA_N
ClientSampleId :
PB151321TB

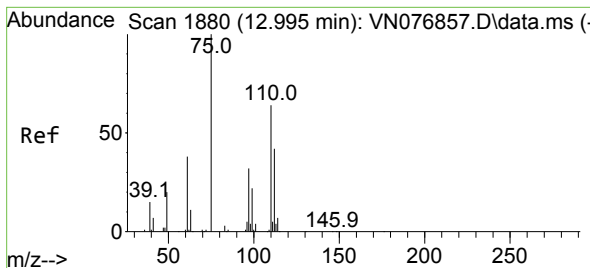
Tgt Ion:152 Resp: 234905
Ion Ratio Lower Upper
152 100
115 65.6 30.3 90.9
150 155.7 0.0 353.6



#74
N-ethyl acetate
Concen: 0.362 ug/l
RT: 12.483 min Scan# 1793
Delta R.T. -0.012 min
Lab File: VN076931.D
Acq: 10 Mar 2023 18:01

Tgt Ion: 43 Resp: 2506
Ion Ratio Lower Upper
43 100
70 29.0 46.8 70.2#
55 22.1 23.4 35.2#
61 0.0 23.8 35.8#





#76

1,2,3-Trichloropropane

Concen: 25.829 ug/l

RT: 12.848 min Scan# 1855

Delta R.T. -0.147 min

Lab File: VN076931.D

Acq: 10 Mar 2023 18:01

Instrument :

MSVOA_N

ClientSampleId :

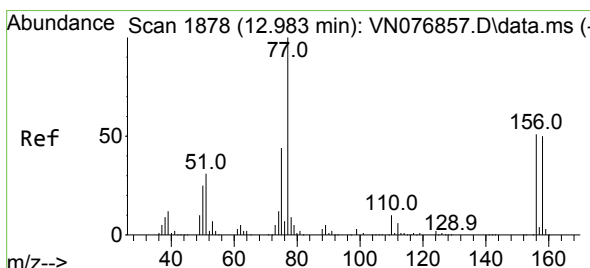
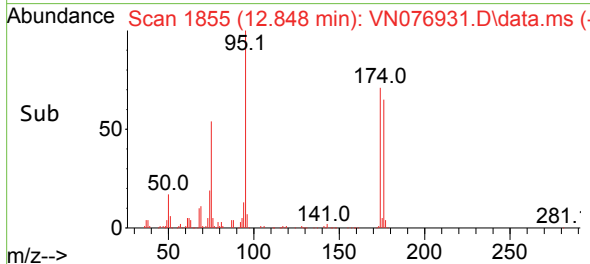
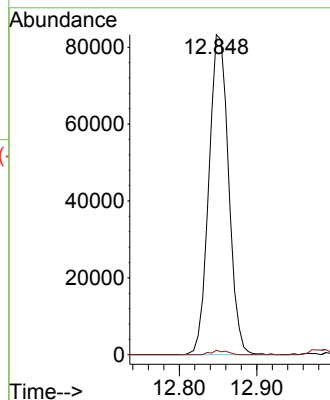
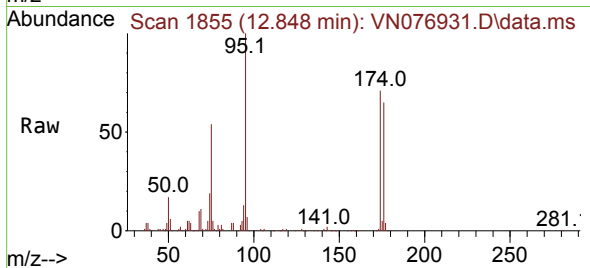
PB151321TB

Tgt Ion: 75 Resp: 147097

Ion Ratio Lower Upper

75 100

77 1.1 93.8 281.4#



#77

Bromobenzene

Concen: 0.252 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VN076931.D

Acq: 10 Mar 2023 18:01

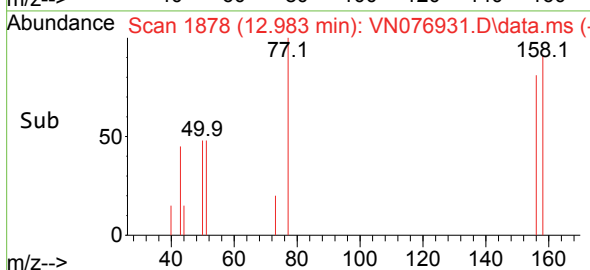
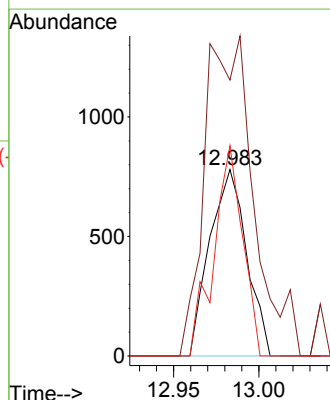
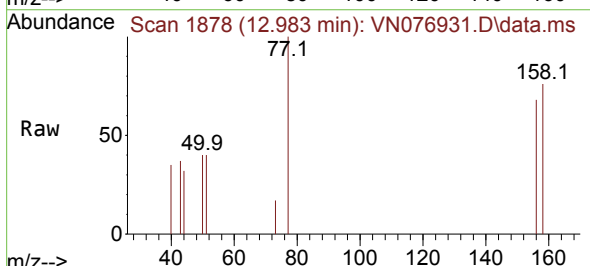
Tgt Ion: 156 Resp: 1177

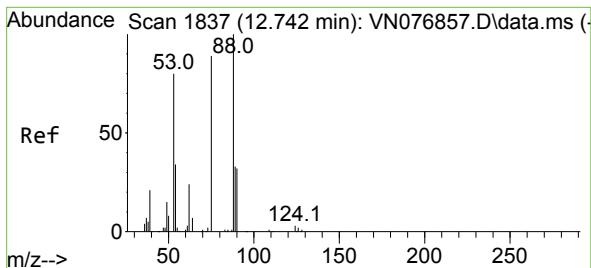
Ion Ratio Lower Upper

156 100

77 226.3 101.3 303.7

158 88.2 48.9 146.7

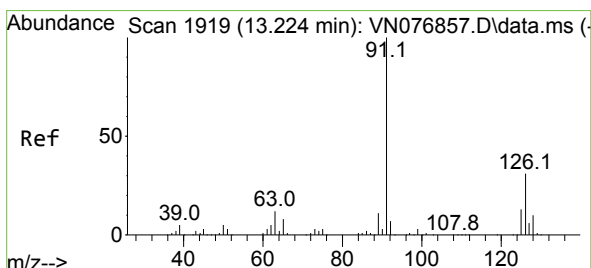
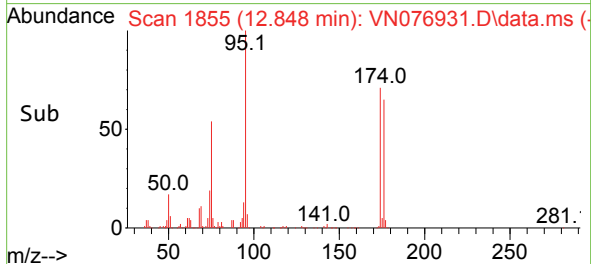
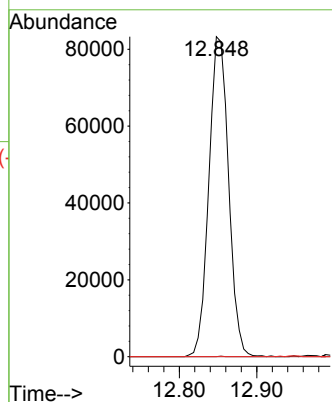
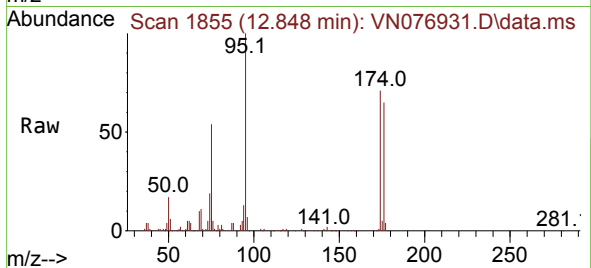




#81
trans-1,4-Dichloro-2-butene
Concen: 84.369 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.106 min
Lab File: VN076931.D
Acq: 10 Mar 2023 18:01

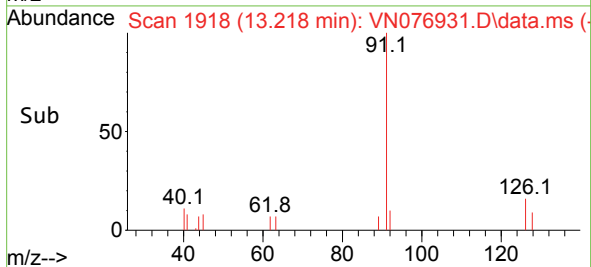
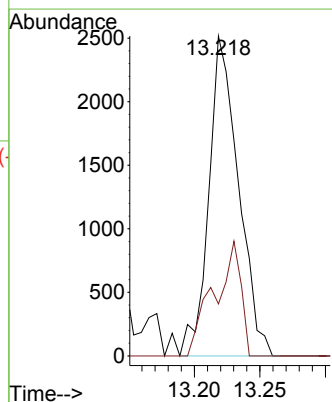
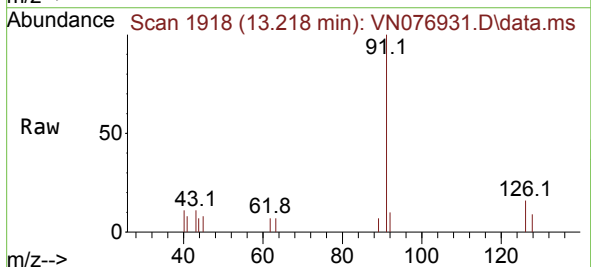
Instrument :
MSVOA_N
ClientSampleId :
PB151321TB

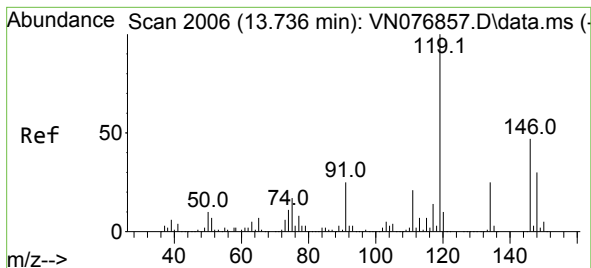
Tgt Ion: 75 Resp: 147097
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.0#
89 0.0 39.5 59.3#



#82
4-Chlorotoluene
Concen: 0.278 ug/l
RT: 13.218 min Scan# 1918
Delta R.T. -0.006 min
Lab File: VN076931.D
Acq: 10 Mar 2023 18:01

Tgt Ion: 91 Resp: 3965
Ion Ratio Lower Upper
91 100
126 32.3 18.0 54.0





#87

1,3-Dichlorobenzene

Concen: 0.332 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VN076931.D

Acq: 10 Mar 2023 18:01

Instrument :

MSVOA_N

ClientSampleId :

PB151321TB

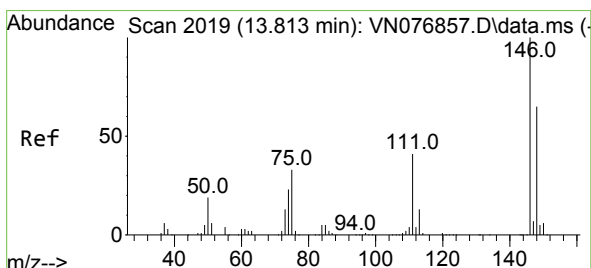
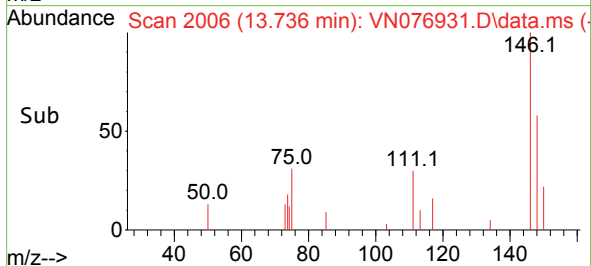
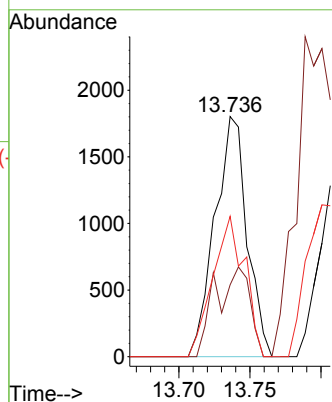
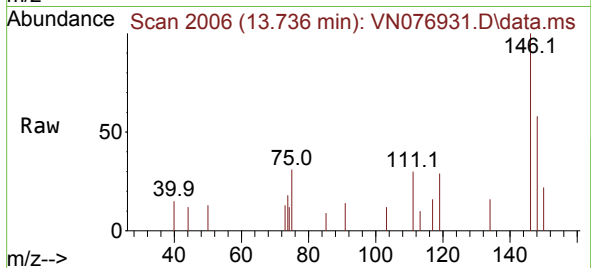
Tgt Ion:146 Resp: 2830

Ion Ratio Lower Upper

146 100

111 39.9 20.4 61.2

148 58.2 31.5 94.5



#88

1,4-Dichlorobenzene

Concen: 0.331 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. -0.077 min

Lab File: VN076931.D

Acq: 10 Mar 2023 18:01

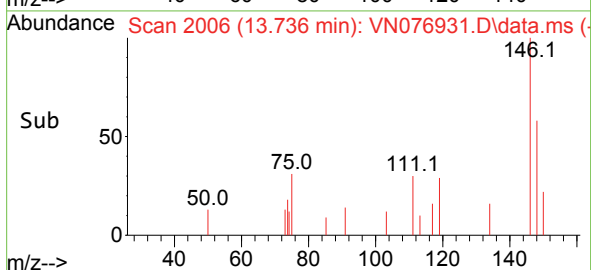
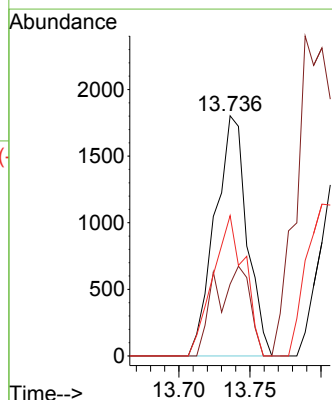
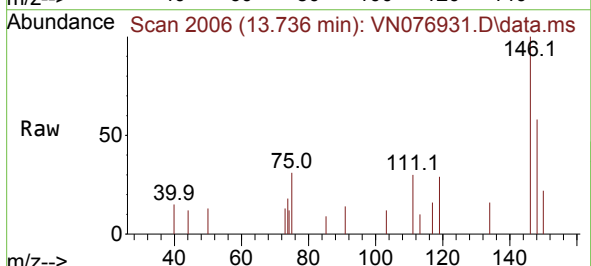
Tgt Ion:146 Resp: 2830

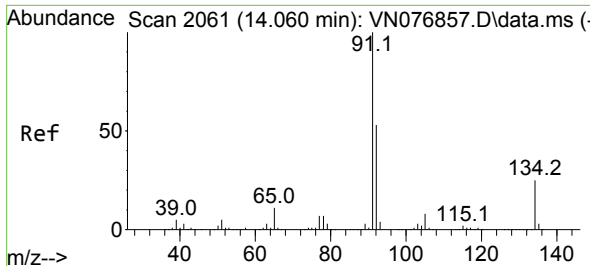
Ion Ratio Lower Upper

146 100

111 39.9 20.0 60.0

148 58.2 31.8 95.4

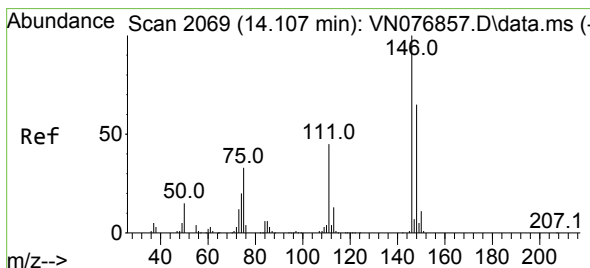
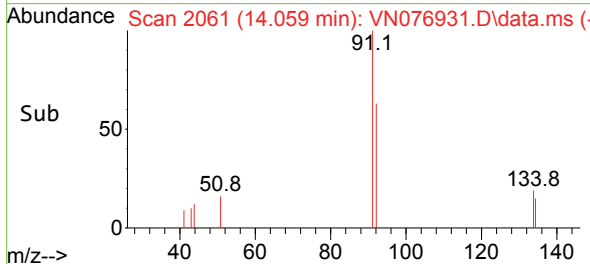
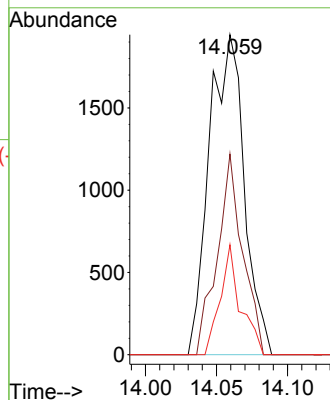
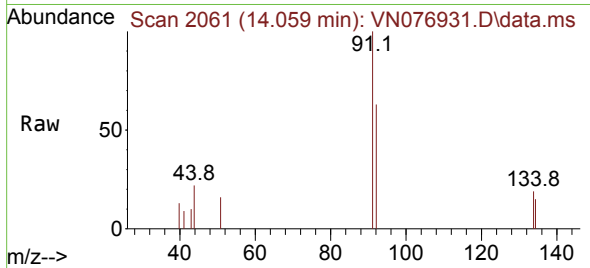




#89
n-Butylbenzene
Concen: 0.238 ug/l
RT: 14.059 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN076931.D
Acq: 10 Mar 2023 18:01

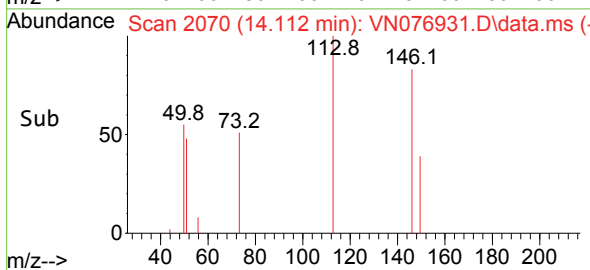
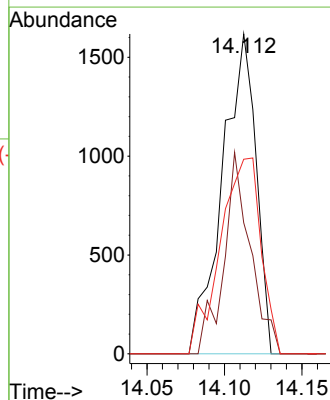
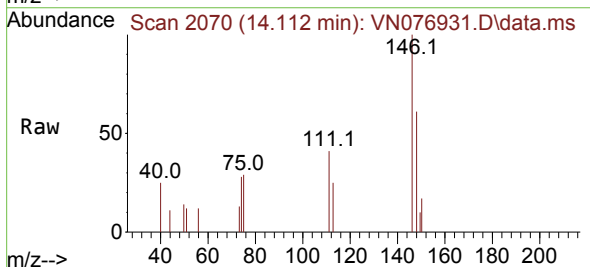
Instrument :
MSVOA_N
ClientSampleId :
PB151321TB

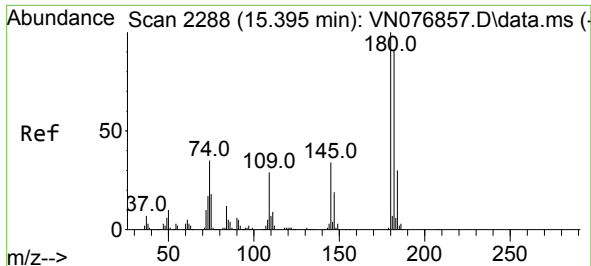
Tgt Ion: 91 Resp: 3324
Ion Ratio Lower Upper
91 100
92 45.6 26.6 79.7
134 20.0 13.6 40.7



#91
1,2-Dichlorobenzene
Concen: 0.285 ug/l
RT: 14.112 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VN076931.D
Acq: 10 Mar 2023 18:01

Tgt Ion: 146 Resp: 2439
Ion Ratio Lower Upper
146 100
111 49.9 21.4 64.2
148 74.4 32.0 96.0

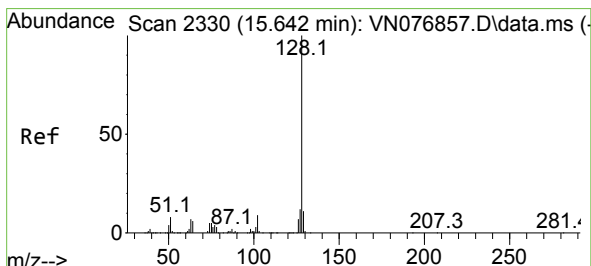
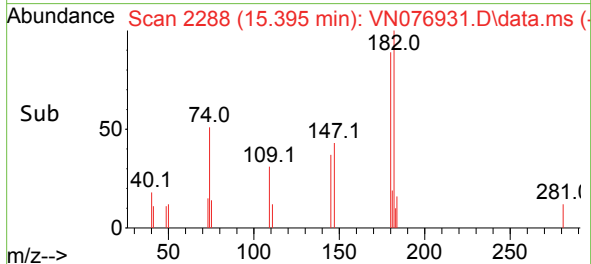
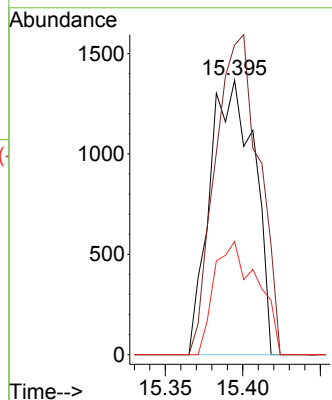
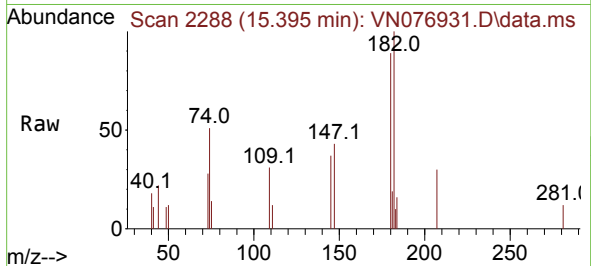




#93
1,2,4-Trichlorobenzene
Concen: 0.572 ug/l
RT: 15.395 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076931.D
Acq: 10 Mar 2023 18:01

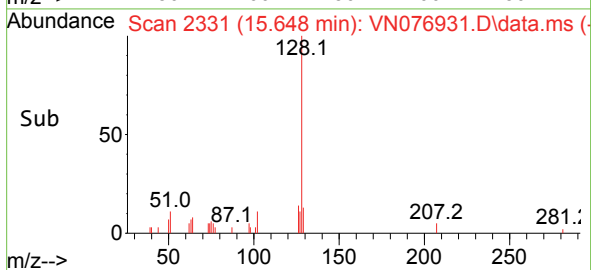
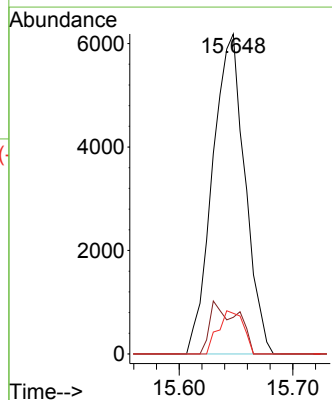
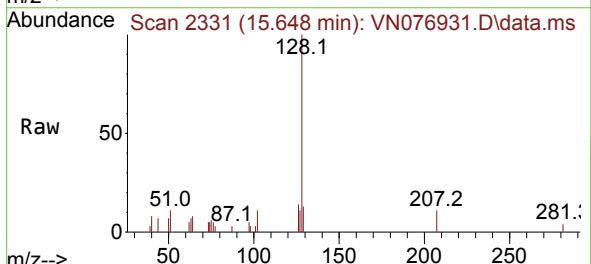
Instrument :
MSVOA_N
ClientSampleId :
PB151321TB

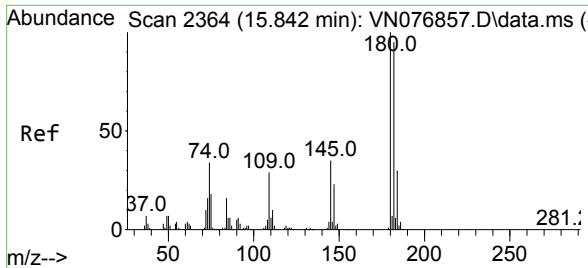
Tgt Ion:180 Resp: 2726
Ion Ratio Lower Upper
180 100
182 114.5 47.4 142.2
145 40.0 15.8 47.3



#95
Naphthalene
Concen: 0.866 ug/l
RT: 15.648 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN076931.D
Acq: 10 Mar 2023 18:01

Tgt Ion:128 Resp: 12283
Ion Ratio Lower Upper
128 100
127 13.8 10.2 15.4
129 10.4 8.9 13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 0.750 ug/l
 RT: 15.842 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN076931.D
 Acq: 10 Mar 2023 18:01

Instrument :
 MSVOA_N
 ClientSampleId :
 PB151321TB

Tgt Ion:180	Resp:	3468
Ion	Ratio	Lower Upper
180	100	
182	93.1	47.7 143.1
145	37.7	17.0 51.0

