

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020823\
 Data File : VN076578.D
 Acq On : 08 Feb 2023 14:33
 Operator : JC\MD
 Sample : 01462-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TCLP-2

Quant Time: Feb 09 00:48:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 09:04:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.234	168	605279	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.104	114	1003788	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.869	117	897851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.798	152	356758	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.586	65	330997	46.331	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.660%
35) Dibromofluoromethane	8.175	113	299642	48.021	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.040%
50) Toluene-d8	10.569	98	1185727	50.511	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.020%
62) 4-Bromofluorobenzene	12.851	95	396146	47.902	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.800%

Target Compounds						Qvalue
11) Tert butyl alcohol	5.522	59	1246	1.339	ug/l #	72
13) Acrolein	4.210	56	513	0.413	ug/l	94
15) Acrylonitrile	5.751	53	862	0.309	ug/l #	50
16) Acetone	4.440	43	70229	29.817	ug/l	99
17) Carbon Disulfide	4.722	76	3149	0.201	ug/l #	74
18) Methyl Acetate	5.063	43	5997	0.805	ug/l	90
20) Methylene Chloride	5.293	84	33149	4.565	ug/l	94
25) 2-Butanone	7.492	43	11305	3.339	ug/l	92
29) Tetrahydrofuran	7.869	42	1599	0.735	ug/l #	83
31) Cyclohexane	8.228	56	11640	1.031	ug/l #	7
36) 1,1-Dichloropropene	8.234	75	44788	5.027	ug/l #	48
37) Ethyl Acetate	7.569	43	63650	9.536	ug/l	98
38) Carbon Tetrachloride	8.228	117	63116	6.589	ug/l #	15
41) Methacrylonitrile	7.857	41	969	0.256	ug/l #	37
42) 1,2-Dichloroethane	8.692	62	2661	0.303	ug/l #	71
43) Isopropyl Acetate	8.698	43	343650	30.941	ug/l #	86
45) 1,2-Dichloropropane	9.751	63	3996	0.616	ug/l #	42
48) Methyl methacrylate	9.669	41	8003	1.465	ug/l #	36
49) 1,4-Dioxane	9.704	88	282	2.413	ug/l #	27
51) 4-Methyl-2-Pentanone	10.451	43	27948	4.187	ug/l #	77
54) cis-1,3-Dichloropropene	10.363	75	133523	12.879	ug/l #	62
57) 1,3-Dichloropropane	11.204	76	17061	1.544	ug/l #	42
59) 2-Hexanone	11.175	43	281080	59.064	ug/l #	18
68) m/p-Xylenes	12.074	106	2618	0.204	ug/l	94
71) Bromoform	12.851	173	1682	0.350	ug/l #	1
74) N-amyl acetate	12.498	43	5336	0.655	ug/l #	61
76) 1,2,3-Trichloropropane	12.851	75	194917	29.283	ug/l #	1
77) Bromobenzene	12.986	156	1424	0.210	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.851	75	194917	89.919	ug/l #	10
87) 1,3-Dichlorobenzene	13.733	146	4060	0.325	ug/l	97
88) 1,4-Dichlorobenzene	13.733	146	4060	0.320	ug/l	96
89) n-Butylbenzene	14.063	91	5841	0.307	ug/l	96
91) 1,2-Dichlorobenzene	14.110	146	4341	0.352	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.715	75	399	0.288	ug/l #	7
93) 1,2,4-Trichlorobenzene	15.392	180	4335	0.767	ug/l	93
95) Naphthalene	15.645	128	18980	1.155	ug/l	97

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Quant Title : SW846 8260
QLast Update : Wed Feb 08 09:04:43 2023
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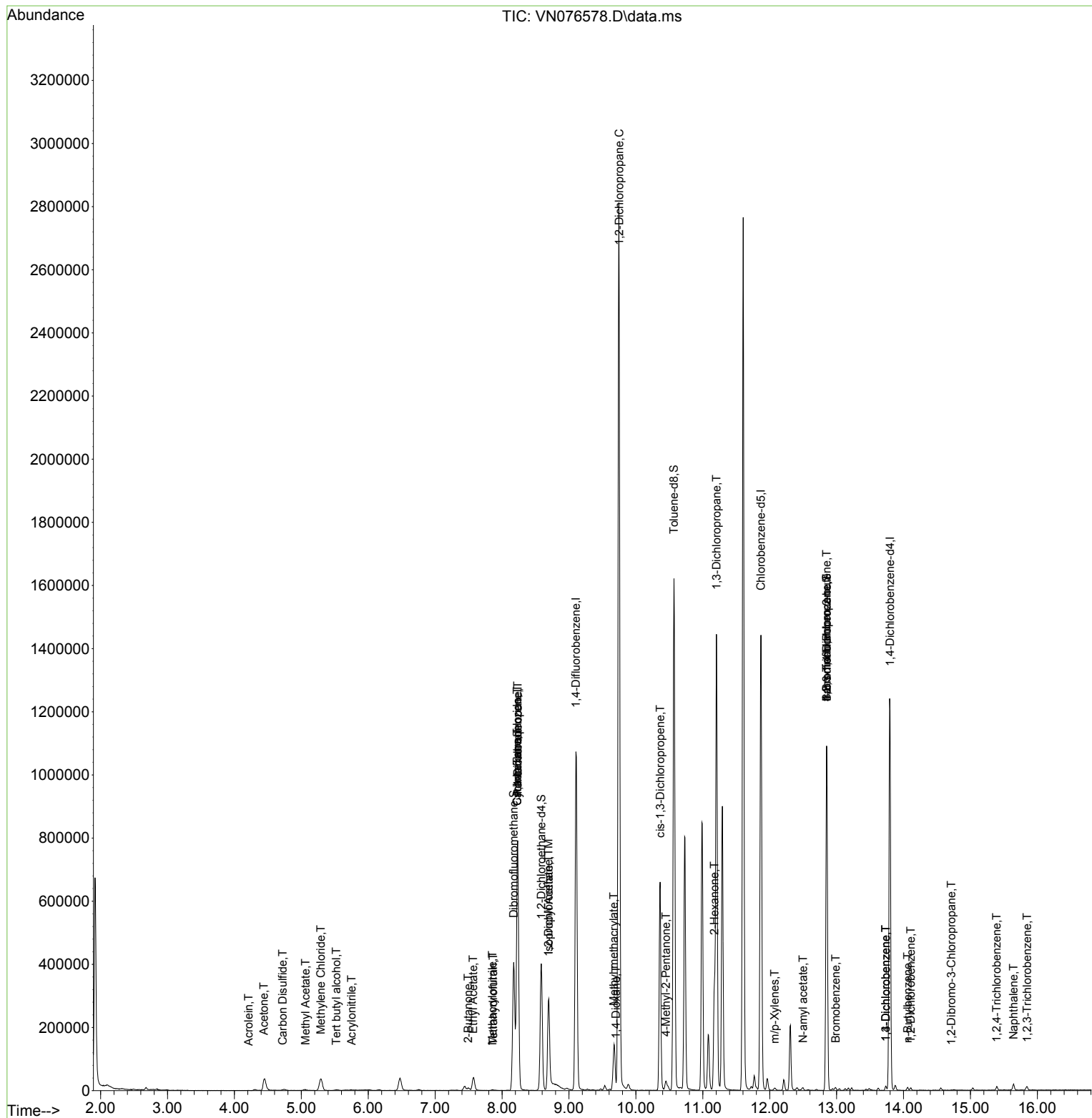
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.845	180	4956	0.916	ug/l	100

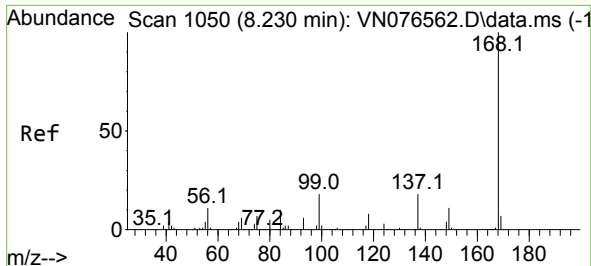
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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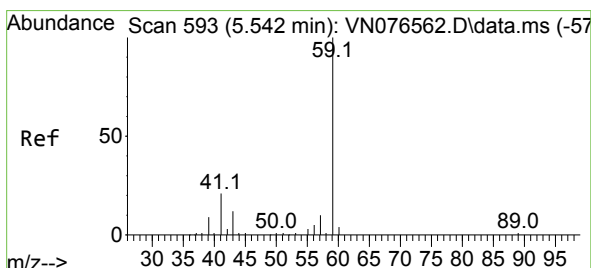
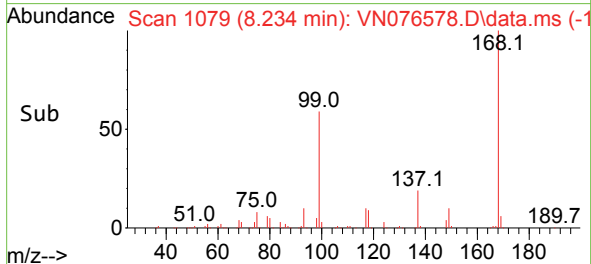
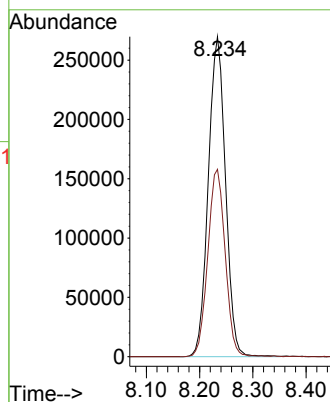
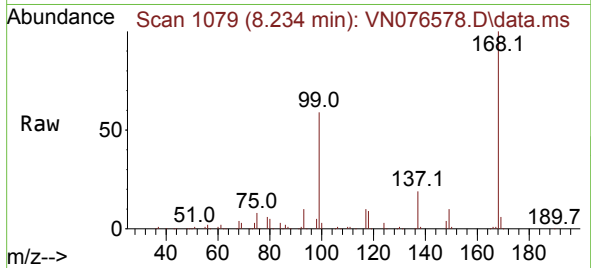




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.234 min Scan# 1050
Delta R.T. 0.004 min
Lab File: VN076578.D
Acq: 08 Feb 2023 14:33

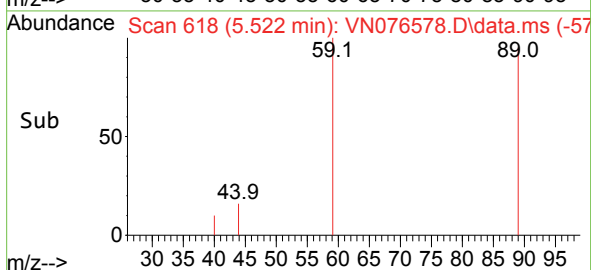
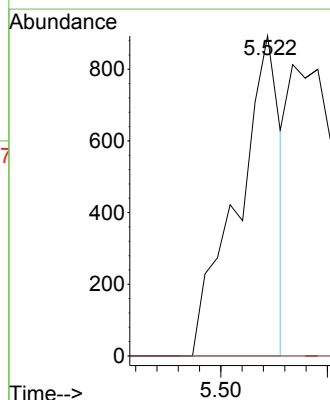
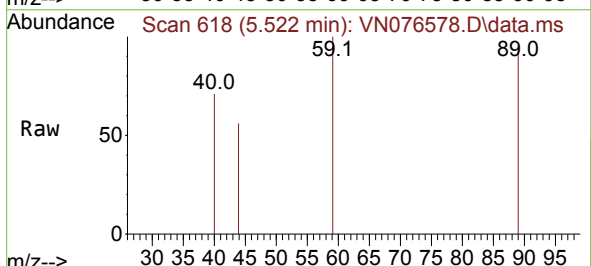
Instrument :
MSVOA_N
ClientSampleId :
TCLP-2

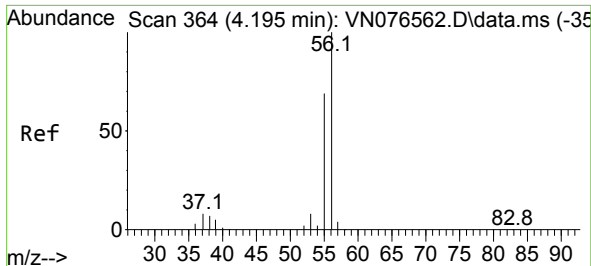
Tgt Ion:168 Resp: 605279
Ion Ratio Lower Upper
168 100
99 58.6 47.8 71.8



#11
Tert butyl alcohol
Concen: 1.339 ug/l
RT: 5.522 min Scan# 618
Delta R.T. -0.020 min
Lab File: VN076578.D
Acq: 08 Feb 2023 14:33

Tgt Ion: 59 Resp: 1246
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#13

Acrolein

Concen: 0.413 ug/l

RT: 4.210 min Scan# 395

Delta R.T. 0.015 min

Lab File: VN076578.D

Acq: 08 Feb 2023 14:33

Instrument :

MSVOA_N

ClientSampleId :

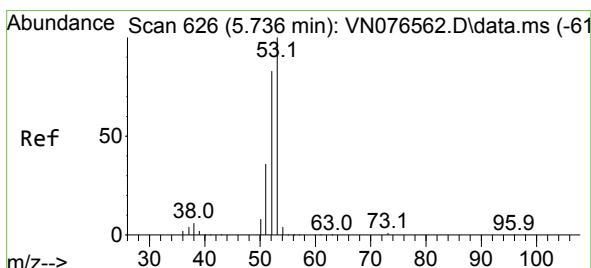
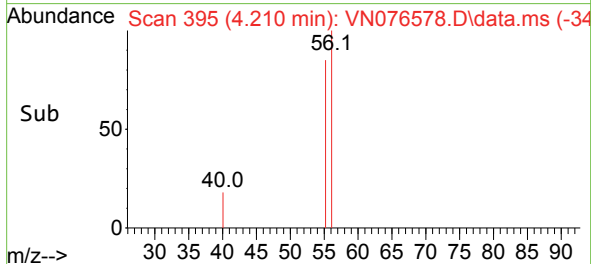
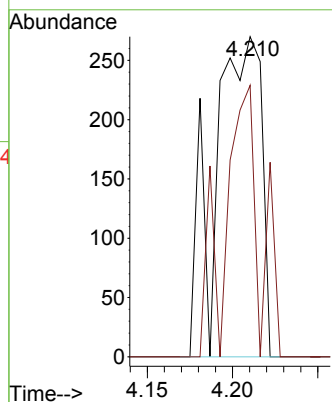
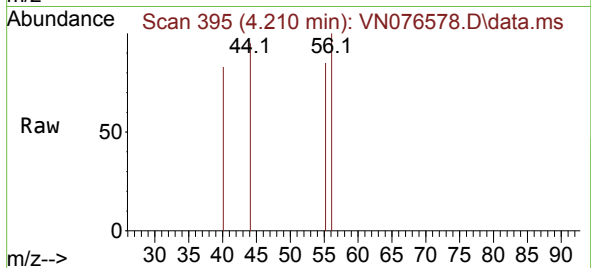
TCLP-2

Tgt Ion: 56 Resp: 513

Ion Ratio Lower Upper

56 100

55 63.7 54.7 82.1



#15

Acrylonitrile

Concen: 0.309 ug/l

RT: 5.751 min Scan# 657

Delta R.T. 0.015 min

Lab File: VN076578.D

Acq: 08 Feb 2023 14:33

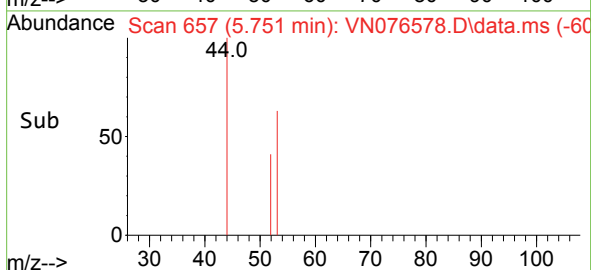
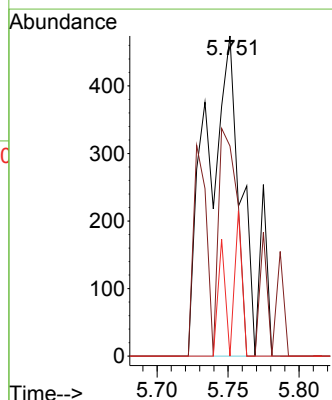
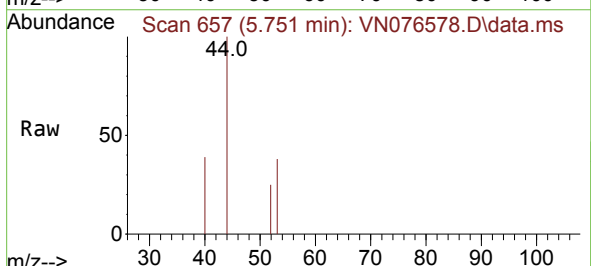
Tgt Ion: 53 Resp: 862

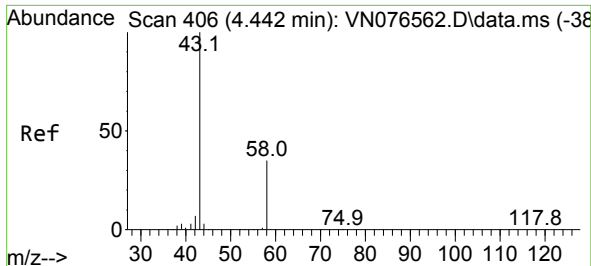
Ion Ratio Lower Upper

53 100

52 35.6 64.6 96.8#

51 7.1 27.9 41.9#





#16

Acetone

Concen: 29.817 ug/l

RT: 4.440 min Scan# 41

Delta R.T. -0.002 min

Lab File: VN076578.D

Acq: 08 Feb 2023 14:33

Instrument :

MSVOA_N

ClientSampleId :

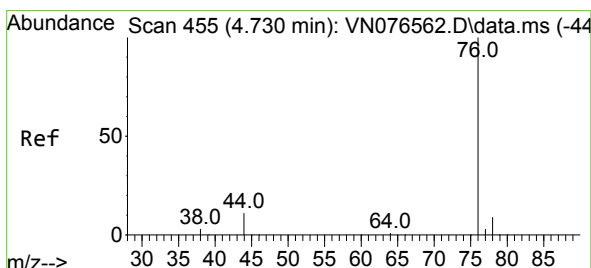
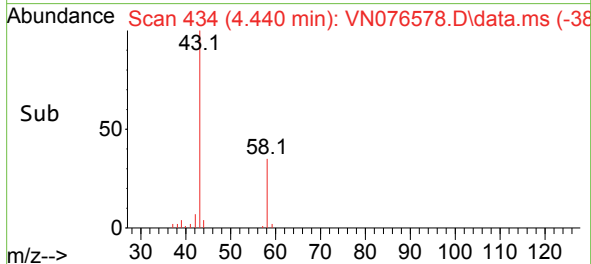
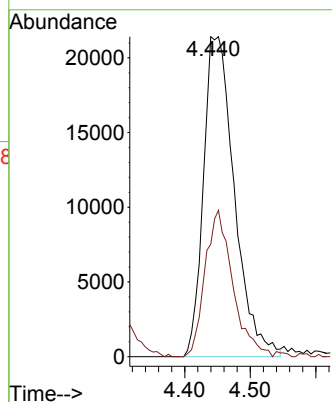
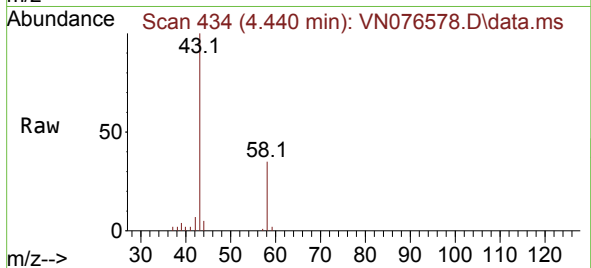
TCLP-2

Tgt Ion: 43 Resp: 70229

Ion Ratio Lower Upper

43 100

58 35.1 28.4 42.6



#17

Carbon Disulfide

Concen: 0.201 ug/l

RT: 4.722 min Scan# 482

Delta R.T. -0.008 min

Lab File: VN076578.D

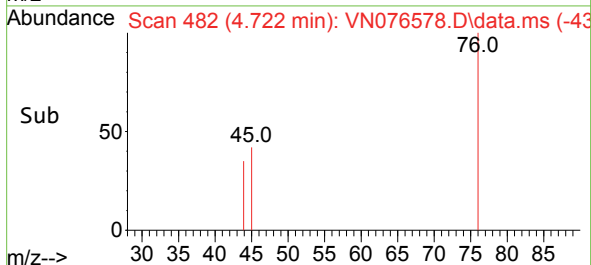
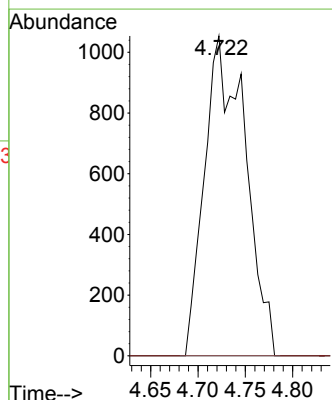
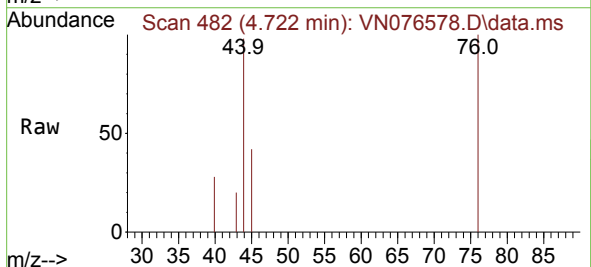
Acq: 08 Feb 2023 14:33

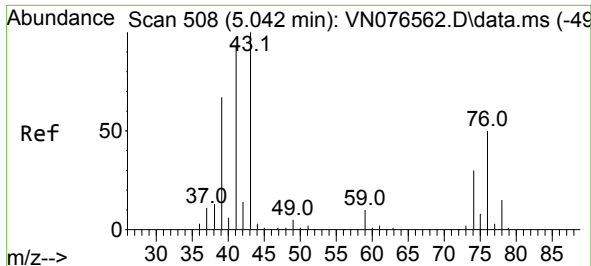
Tgt Ion: 76 Resp: 3149

Ion Ratio Lower Upper

76 100

78 0.0 7.6 11.4#

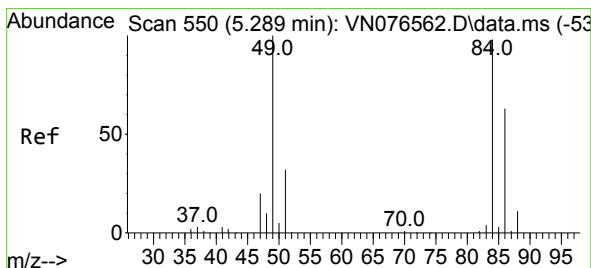
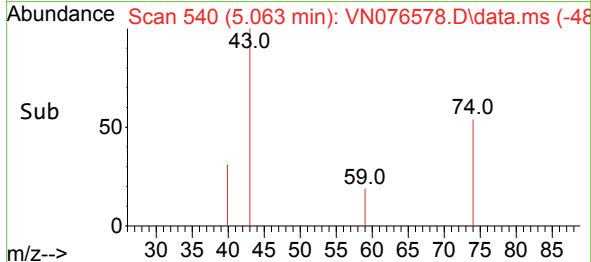
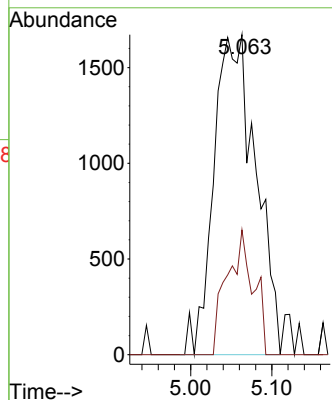
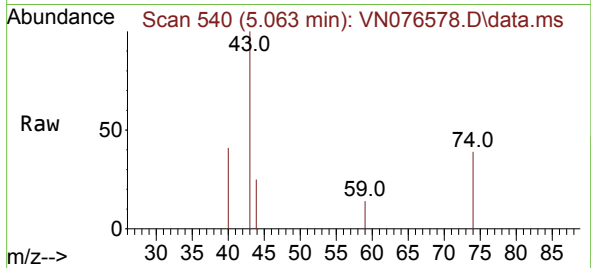




#18
Methyl Acetate
Concen: 0.805 ug/l
RT: 5.063 min Scan# 54
Delta R.T. 0.021 min
Lab File: VN076578.D
Acq: 08 Feb 2023 14:33

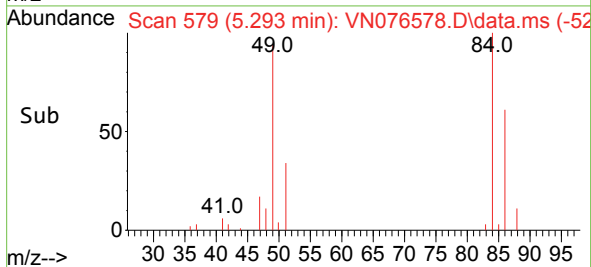
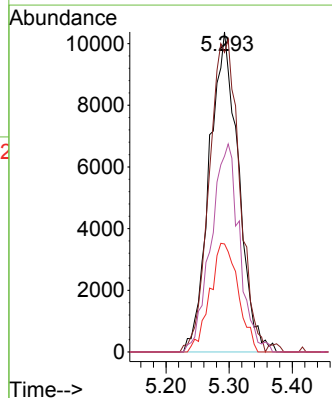
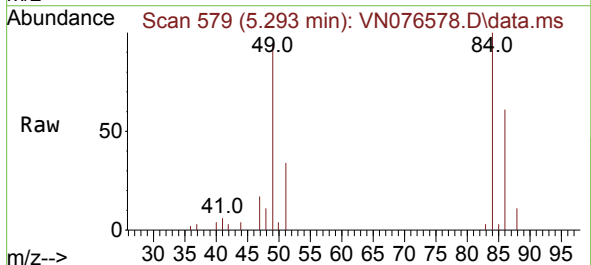
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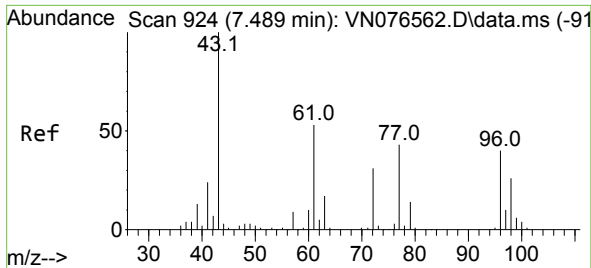
Tgt Ion: 43 Resp: 5997
Ion Ratio Lower Upper
43 100
74 24.6 23.9 35.9



#20
Methylene Chloride
Concen: 4.565 ug/l
RT: 5.293 min Scan# 579
Delta R.T. 0.004 min
Lab File: VN076578.D
Acq: 08 Feb 2023 14:33

Tgt Ion: 84 Resp: 33149
Ion Ratio Lower Upper
84 100
49 93.6 82.0 123.0
51 33.7 26.0 39.0
86 61.2 51.4 77.2

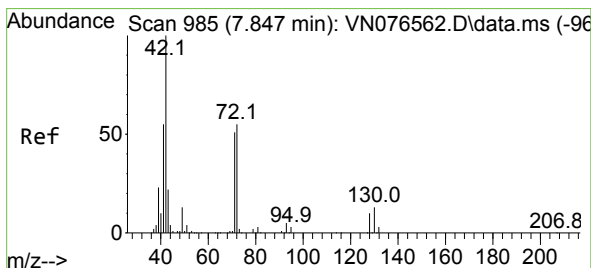
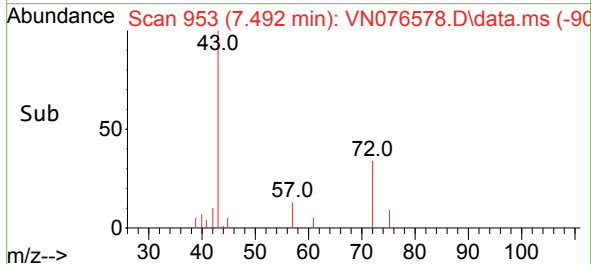
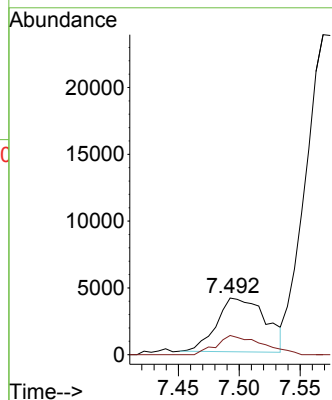
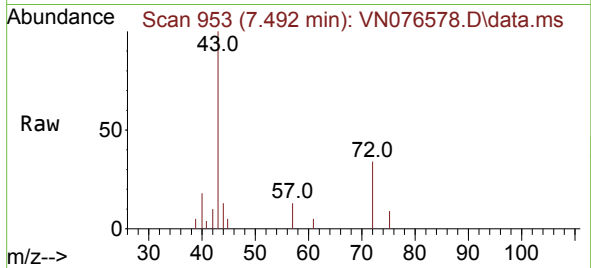




#25
2-Butanone
Concen: 3.339 ug/l
RT: 7.492 min Scan# 911
Delta R.T. 0.003 min
Lab File: VN076578.D
Acq: 08 Feb 2023 14:33

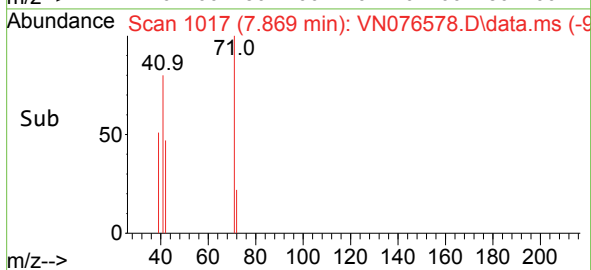
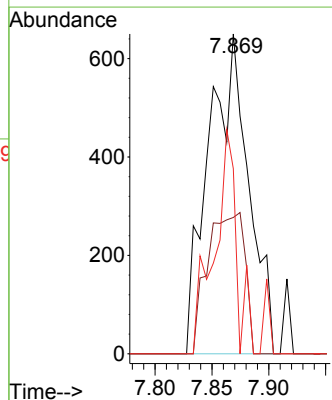
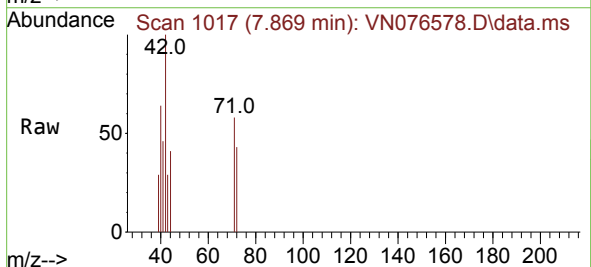
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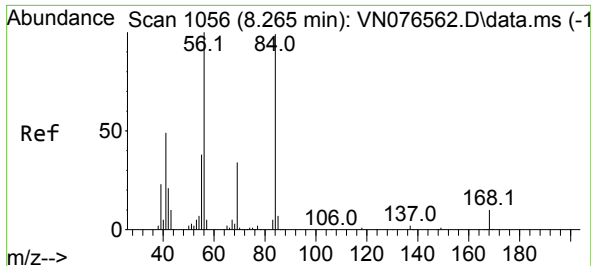
Tgt Ion: 43 Resp: 11305
Ion Ratio Lower Upper
43 100
72 36.0 25.1 37.7



#29
Tetrahydrofuran
Concen: 0.735 ug/l
RT: 7.869 min Scan# 1017
Delta R.T. 0.022 min
Lab File: VN076578.D
Acq: 08 Feb 2023 14:33

Tgt Ion: 42 Resp: 1599
Ion Ratio Lower Upper
42 100
72 40.9 42.9 64.3#
71 39.2 39.9 59.9#

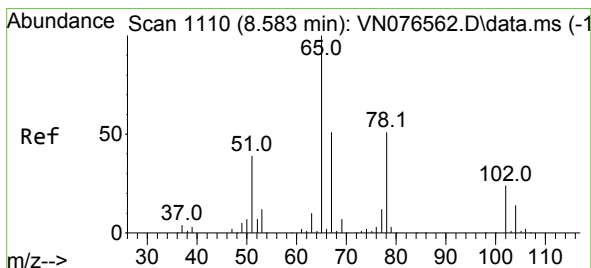
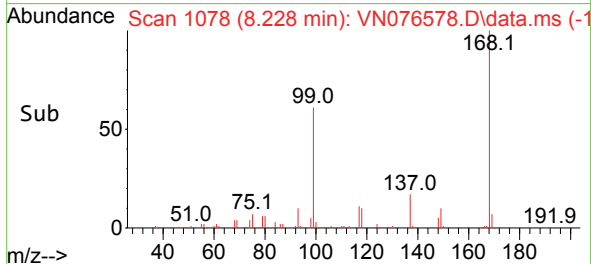
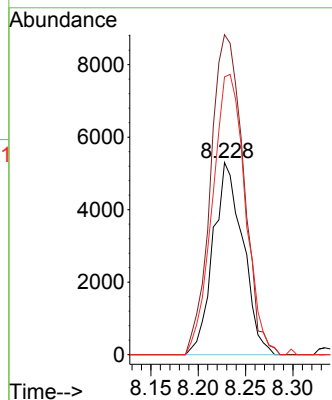
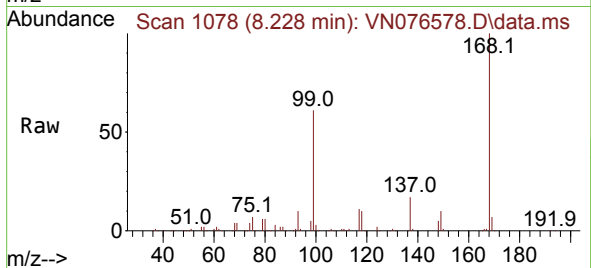




#31
Cyclohexane
Concen: 1.031 ug/l
RT: 8.228 min Scan# 1139
Delta R.T. -0.037 min
Lab File: VN076578.D
Acq: 08 Feb 2023 14:33

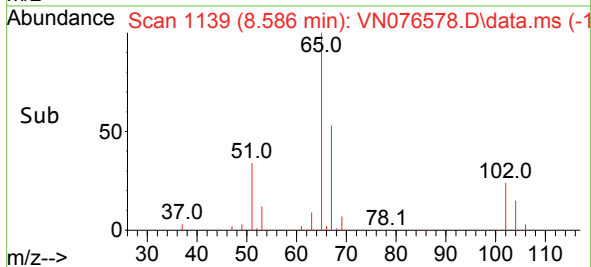
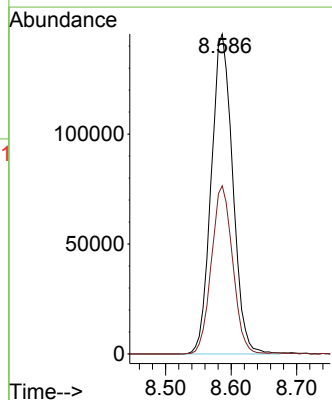
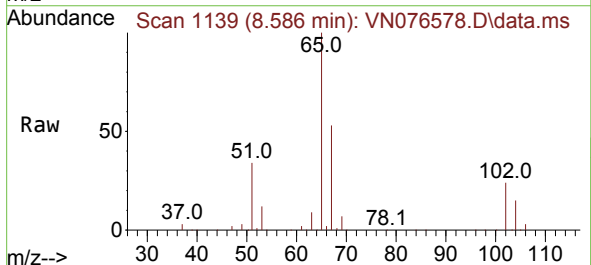
Instrument :
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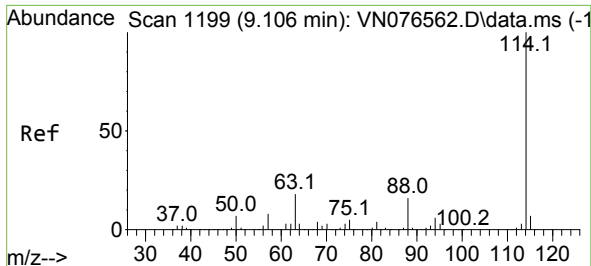
Tgt Ion: 56 Resp: 11640
Ion Ratio Lower Upper
56 100
69 166.5 27.0 40.4#
84 144.6 79.5 119.3#



#33
1,2-Dichloroethane-d4
Concen: 46.331 ug/l
RT: 8.586 min Scan# 1139
Delta R.T. 0.003 min
Lab File: VN076578.D
Acq: 08 Feb 2023 14:33

Tgt Ion: 65 Resp: 330997
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.104 min Scan# 1199

Delta R.T. -0.002 min

Lab File: VN076578.D

Acq: 08 Feb 2023 14:33

Instrument :

MSVOA_N

ClientSampleId :

TCLP-2

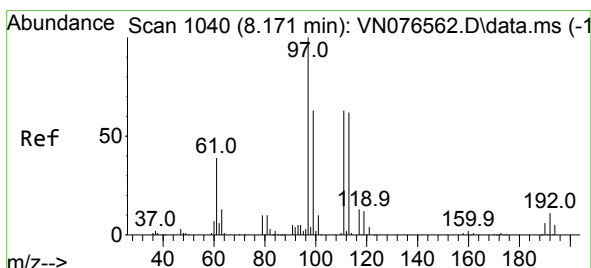
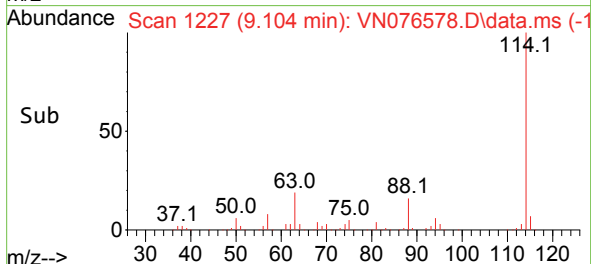
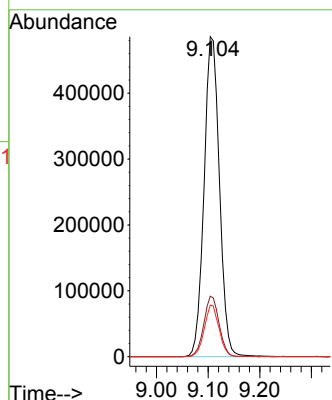
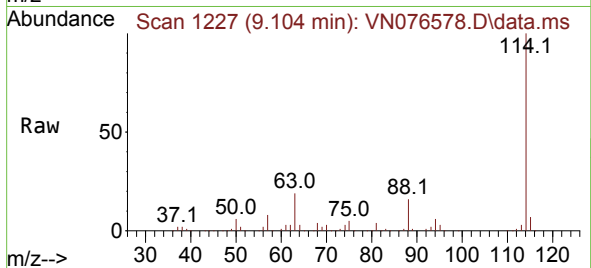
Tgt Ion:114 Resp: 1003788

Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.6

88 16.1 0.0 32.0



#35

Dibromofluoromethane

Concen: 48.021 ug/l

RT: 8.175 min Scan# 1069

Delta R.T. 0.004 min

Lab File: VN076578.D

Acq: 08 Feb 2023 14:33

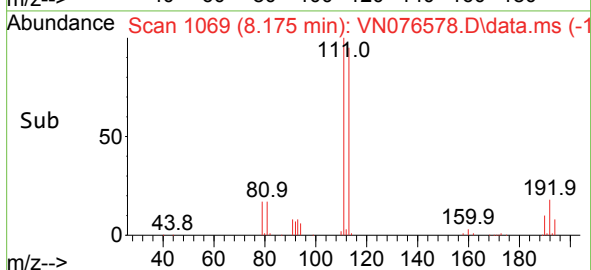
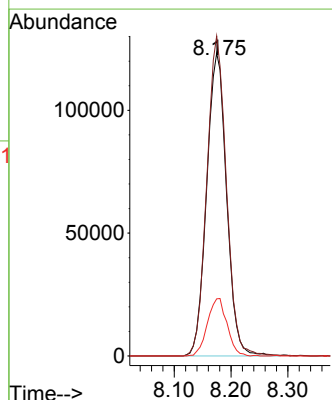
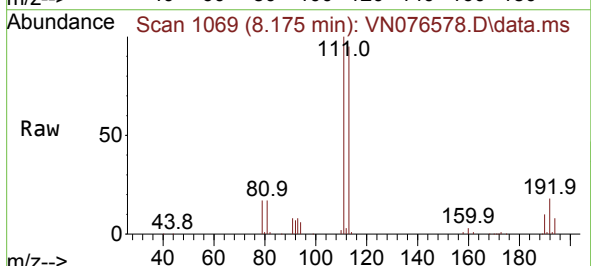
Tgt Ion:113 Resp: 299642

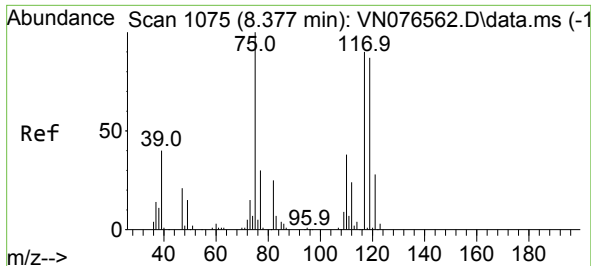
Ion Ratio Lower Upper

113 100

111 103.9 82.0 123.0

192 18.7 14.8 22.2

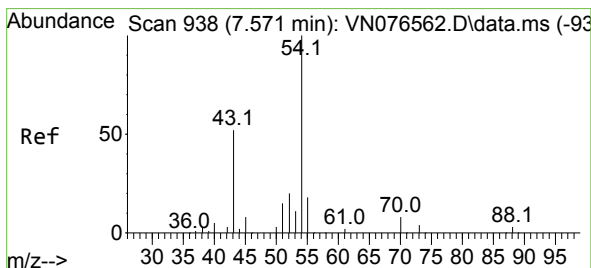
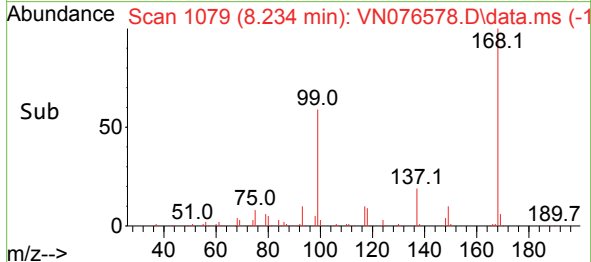
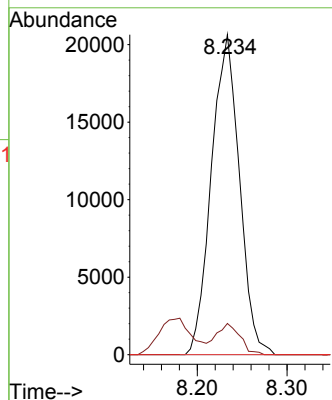
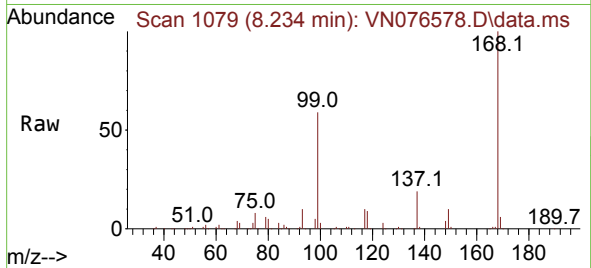




#36
1,1-Dichloropropene
Concen: 5.027 ug/l
RT: 8.234 min Scan# 1075
Delta R.T. -0.143 min
Lab File: VN076578.D
Acq: 08 Feb 2023 14:33

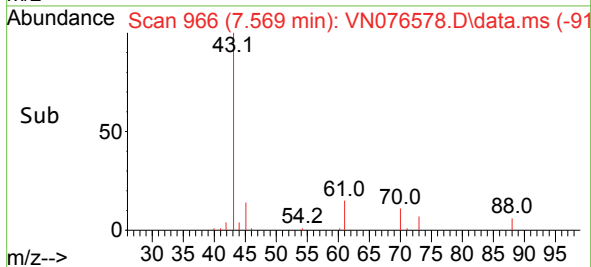
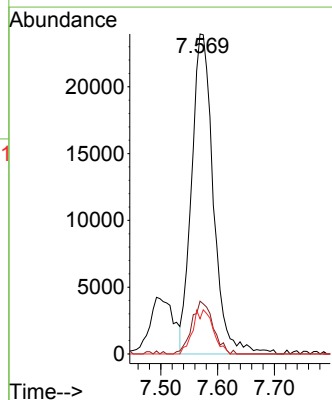
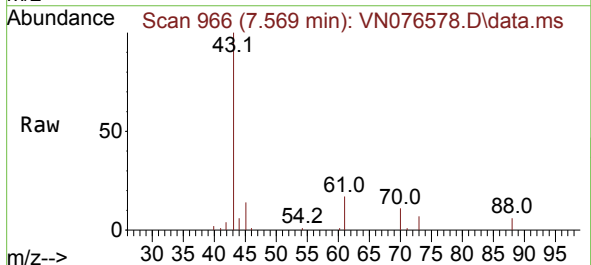
Instrument :
MSVOA_N
ClientSampleId :
TCLP-2

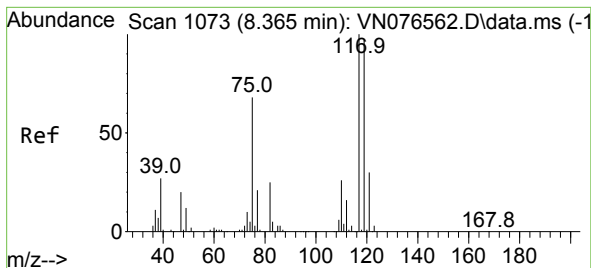
Tgt Ion: 75 Resp: 44788
Ion Ratio Lower Upper
75 100
110 8.3 18.6 55.6#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 9.536 ug/l
RT: 7.569 min Scan# 966
Delta R.T. -0.002 min
Lab File: VN076578.D
Acq: 08 Feb 2023 14:33

Tgt Ion: 43 Resp: 63650
Ion Ratio Lower Upper
43 100
61 16.2 11.8 17.6
70 12.9 10.4 15.6





#38

Carbon Tetrachloride

Concen: 6.589 ug/l

RT: 8.228 min Scan# 1015

Delta R.T. -0.137 min

Lab File: VN076578.D

Acq: 08 Feb 2023 14:33

Instrument :

MSVOA_N

ClientSampleId :

TCLP-2

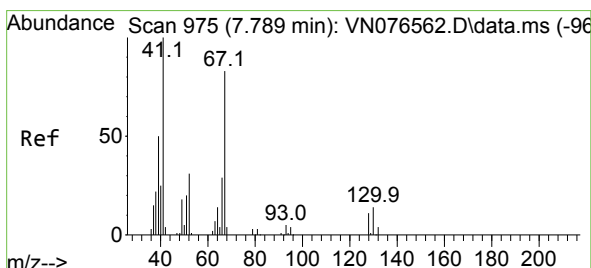
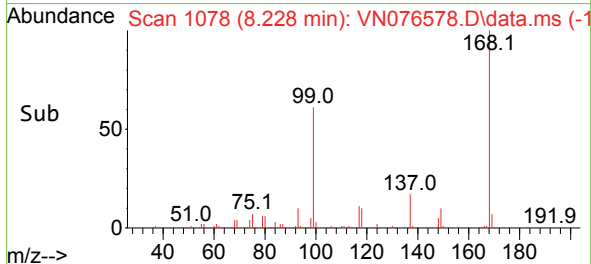
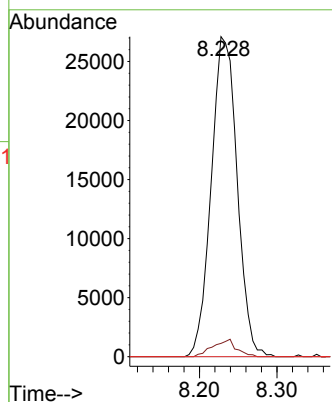
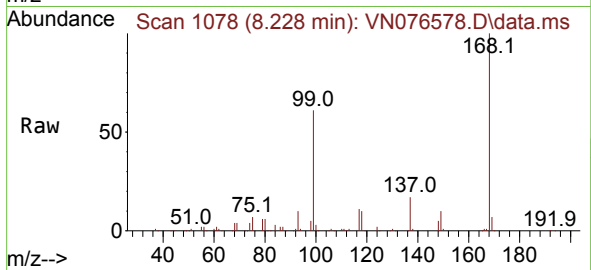
Tgt Ion:117 Resp: 63116

Ion Ratio Lower Upper

117 100

119 4.2 77.2 115.8#

121 0.0 23.9 35.9#



#41

Methacrylonitrile

Concen: 0.256 ug/l

RT: 7.857 min Scan# 1015

Delta R.T. 0.068 min

Lab File: VN076578.D

Acq: 08 Feb 2023 14:33

Tgt Ion: 41 Resp: 969

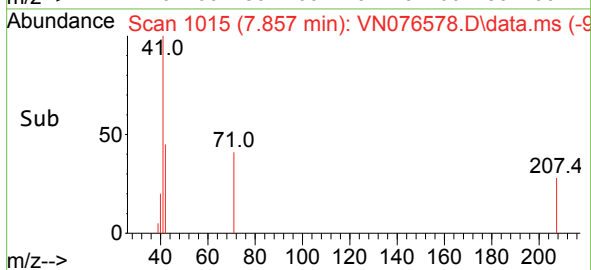
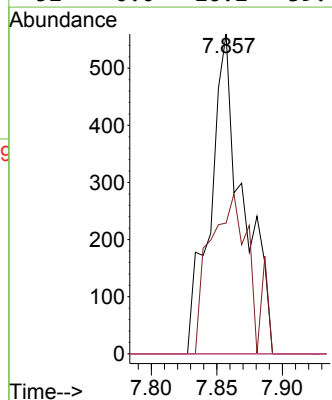
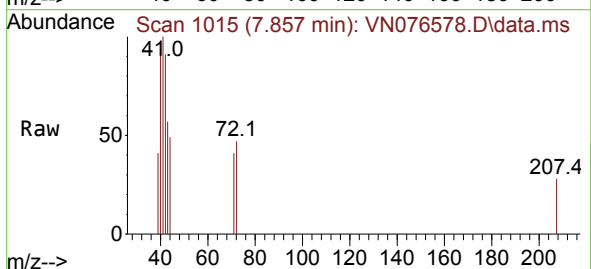
Ion Ratio Lower Upper

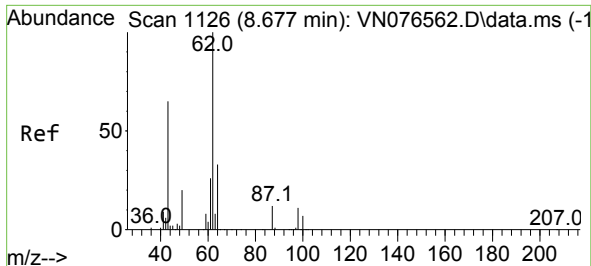
41 100

39 62.1 41.3 61.9#

67 0.0 69.6 104.4#

52 0.0 26.2 39.4#





#42

1,2-Dichloroethane

Concen: 0.303 ug/l

RT: 8.692 min Scan# 1157

Delta R.T. 0.015 min

Lab File: VN076578.D

Acq: 08 Feb 2023 14:33

Instrument :

MSVOA_N

ClientSampleId :

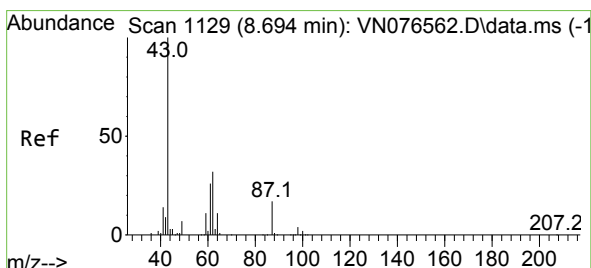
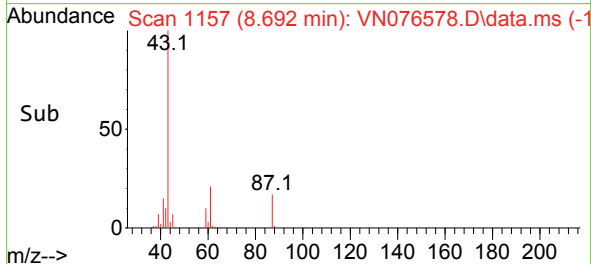
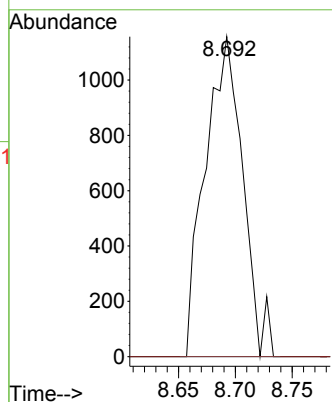
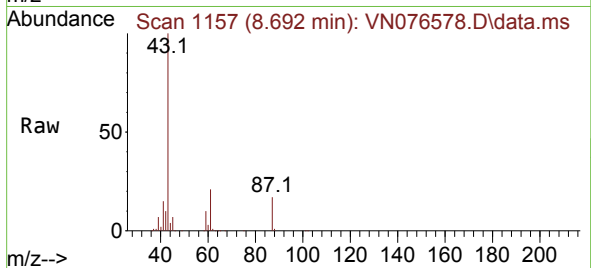
TCLP-2

Tgt Ion: 62 Resp: 2661

Ion Ratio Lower Upper

62 100

98 0.0 0.0 21.6



#43

Isopropyl Acetate

Concen: 30.941 ug/l

RT: 8.698 min Scan# 1158

Delta R.T. 0.004 min

Lab File: VN076578.D

Acq: 08 Feb 2023 14:33

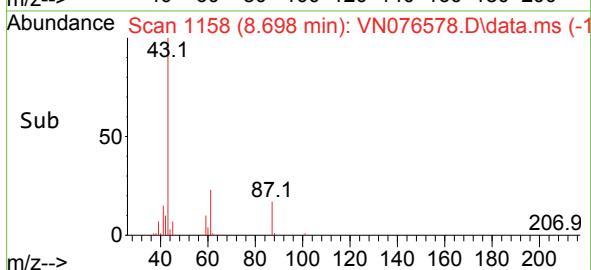
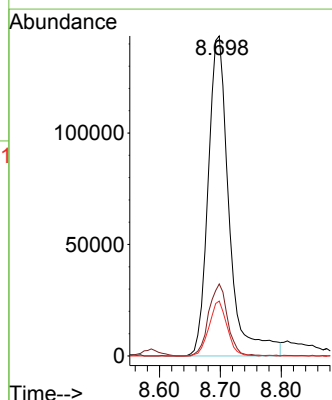
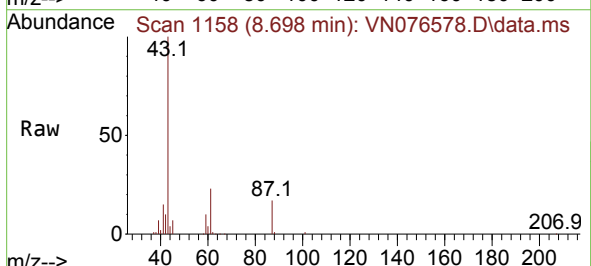
Tgt Ion: 43 Resp: 343650

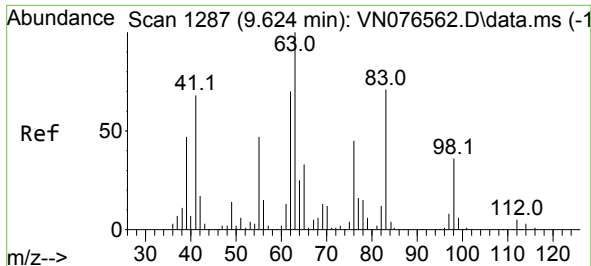
Ion Ratio Lower Upper

43 100

61 20.3 24.5 36.7#

87 14.7 13.6 20.4

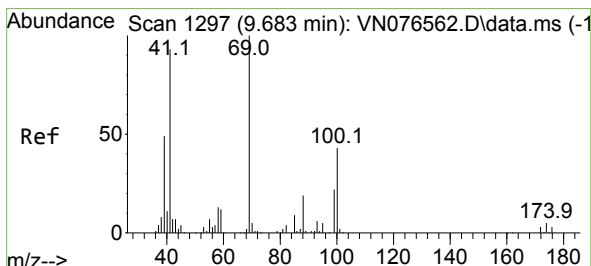
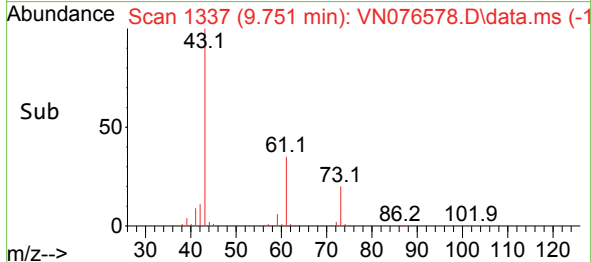
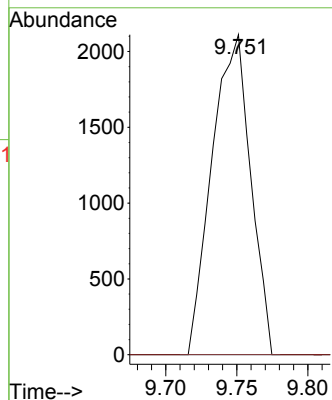
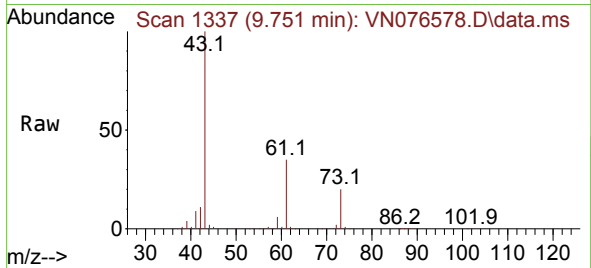




#45
1,2-Dichloropropane
Concen: 0.616 ug/l
RT: 9.751 min Scan# 11
Delta R.T. 0.127 min
Lab File: VN076578.D
Acq: 08 Feb 2023 14:33

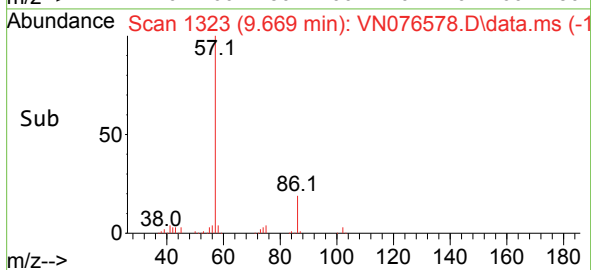
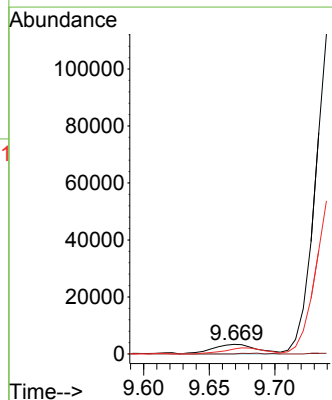
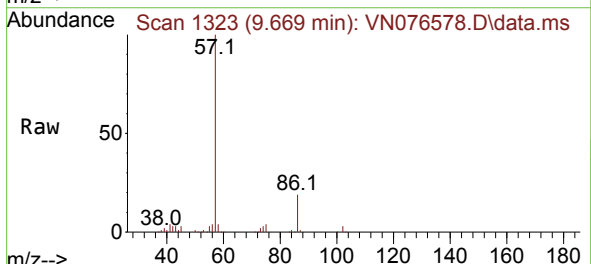
Instrument :
MSVOA_N
ClientSampleId :
TCLP-2

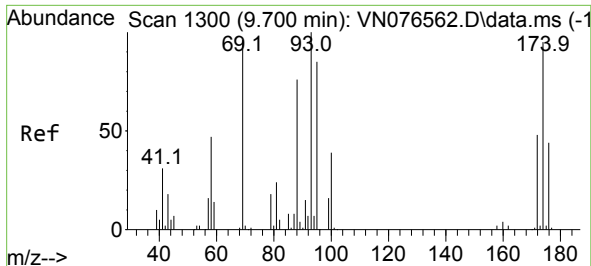
Tgt Ion: 63 Resp: 3996
Ion Ratio Lower Upper
63 100
65 0.0 26.0 39.0#



#48
Methyl methacrylate
Concen: 1.465 ug/l
RT: 9.669 min Scan# 1323
Delta R.T. -0.014 min
Lab File: VN076578.D
Acq: 08 Feb 2023 14:33

Tgt Ion: 41 Resp: 8003
Ion Ratio Lower Upper
41 100
69 3.9 83.0 124.4#
39 55.4 43.8 65.8

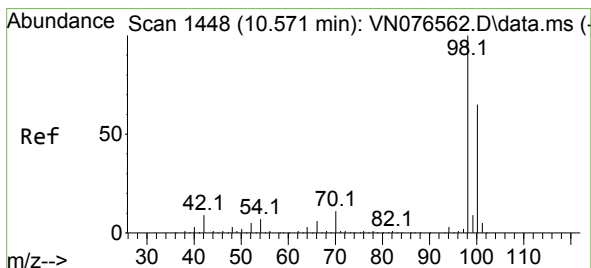
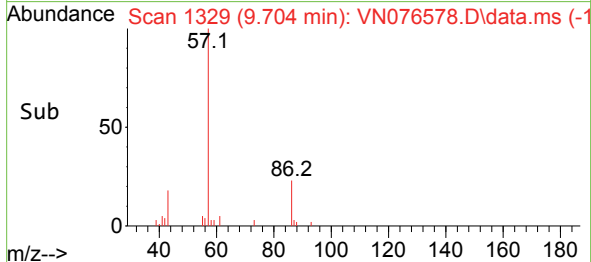
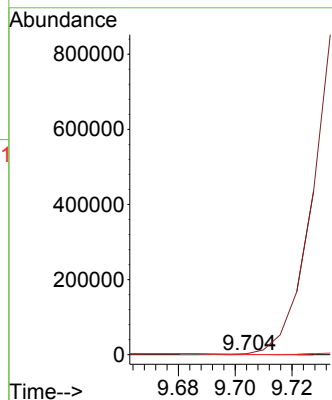
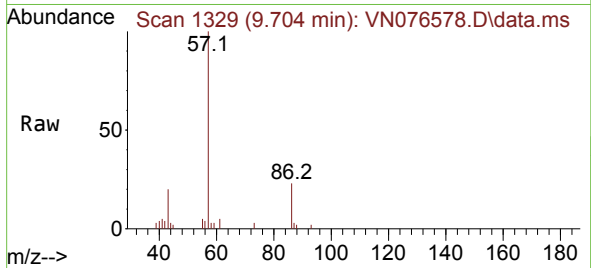




#49
1,4-Dioxane
Concen: 2.413 ug/l
RT: 9.704 min Scan# 11
Delta R.T. 0.004 min
Lab File: VN076578.D
Acq: 08 Feb 2023 14:33

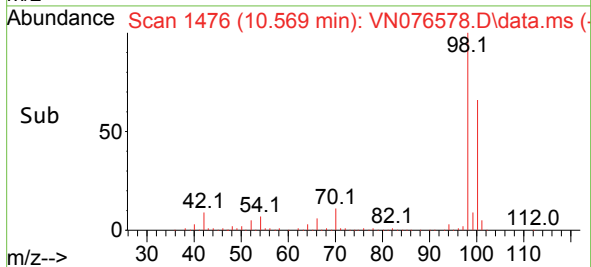
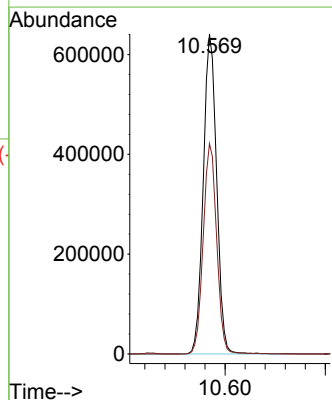
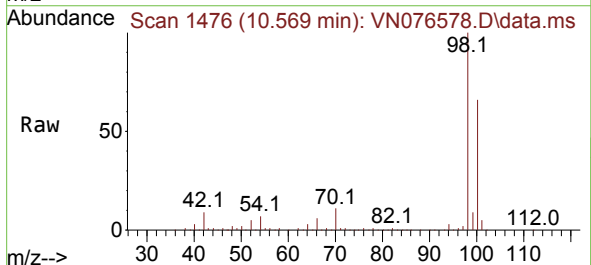
Instrument :
MSVOA_N
ClientSampleId :
TCLP-2

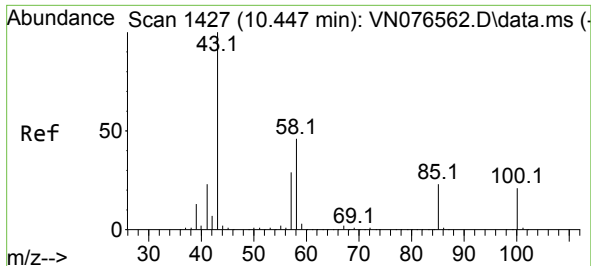
Tgt Ion: 88 Resp: 282
Ion Ratio Lower Upper
88 100
43 0.0 16.7 25.1#
58 0.0 51.7 77.5#



#50
Toluene-d8
Concen: 50.511 ug/l
RT: 10.569 min Scan# 1476
Delta R.T. -0.002 min
Lab File: VN076578.D
Acq: 08 Feb 2023 14:33

Tgt Ion: 98 Resp: 1185727
Ion Ratio Lower Upper
98 100
100 66.3 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 4.187 ug/l

RT: 10.451 min Scan# 1456

Delta R.T. 0.004 min

Lab File: VN076578.D

Acq: 08 Feb 2023 14:33

Instrument :

MSVOA_N

ClientSampleId :

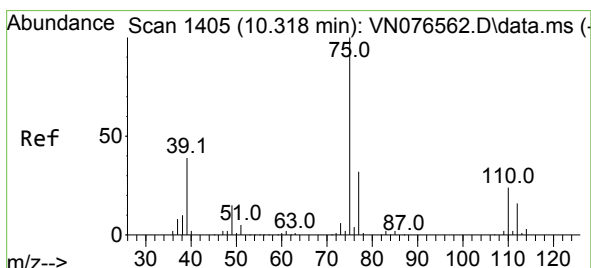
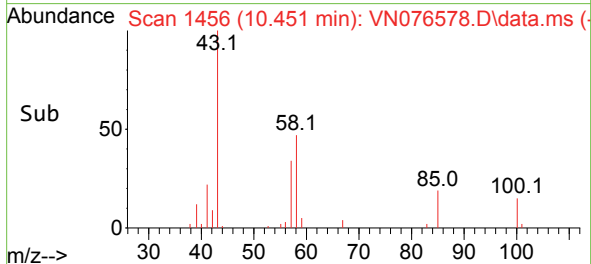
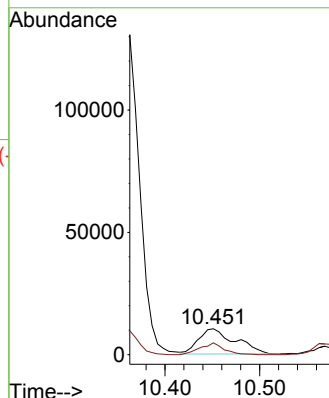
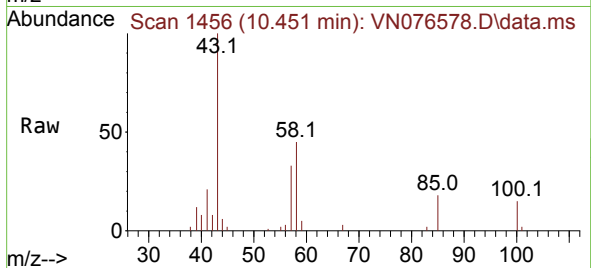
TCLP-2

Tgt Ion: 43 Resp: 27948

Ion Ratio Lower Upper

43 100

58 30.2 36.4 54.6#



#54

cis-1,3-Dichloropropene

Concen: 12.879 ug/l

RT: 10.363 min Scan# 1441

Delta R.T. 0.045 min

Lab File: VN076578.D

Acq: 08 Feb 2023 14:33

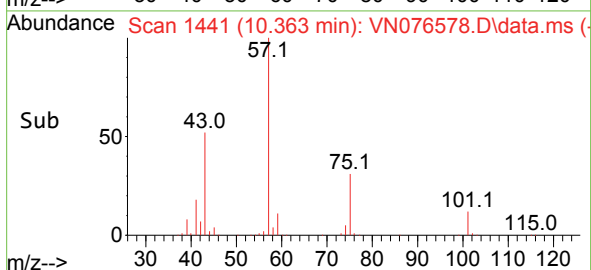
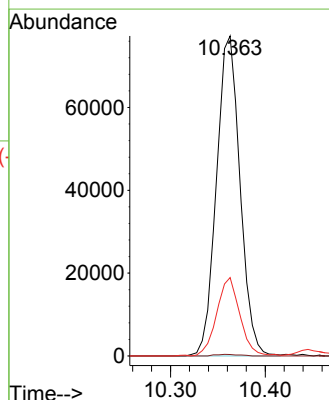
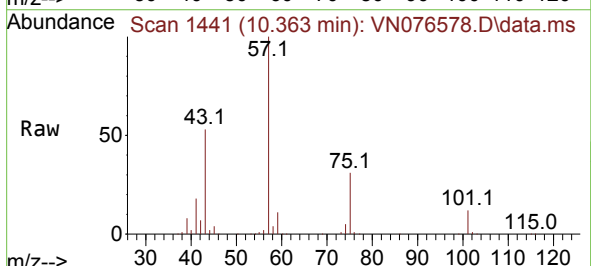
Tgt Ion: 75 Resp: 133523

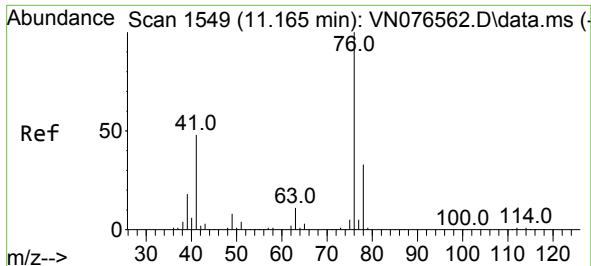
Ion Ratio Lower Upper

75 100

77 0.4 25.4 38.0#

39 24.3 31.1 46.7#





#57

1,3-Dichloropropane

Concen: 1.544 ug/l

RT: 11.204 min Scan# 1

Delta R.T. 0.039 min

Lab File: VN076578.D

Acq: 08 Feb 2023 14:33

Instrument :

MSVOA_N

ClientSampleId :

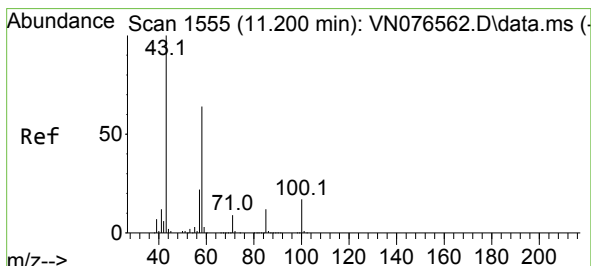
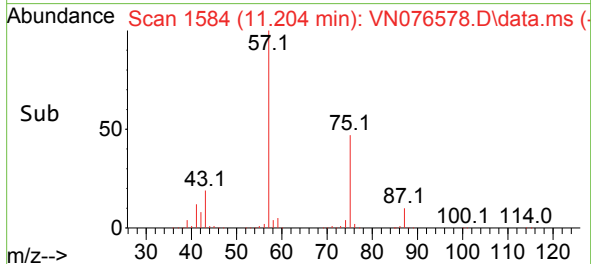
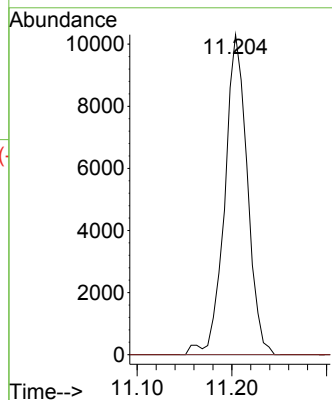
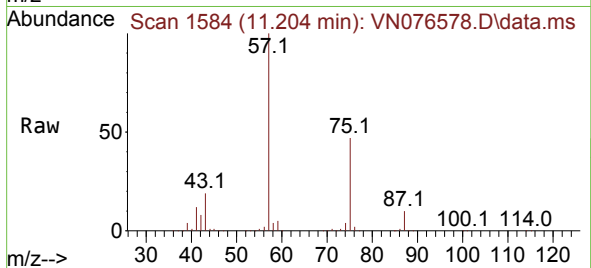
TCLP-2

Tgt Ion: 76 Resp: 17061

Ion Ratio Lower Upper

76 100

78 0.0 26.2 39.4#



#59

2-Hexanone

Concen: 59.064 ug/l

RT: 11.175 min Scan# 1579

Delta R.T. -0.025 min

Lab File: VN076578.D

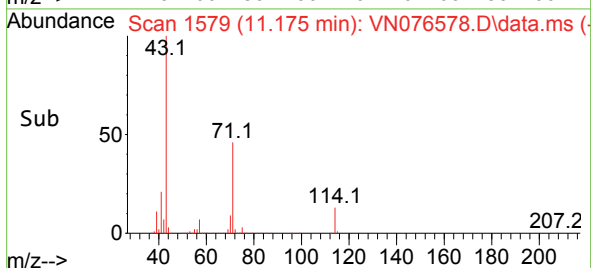
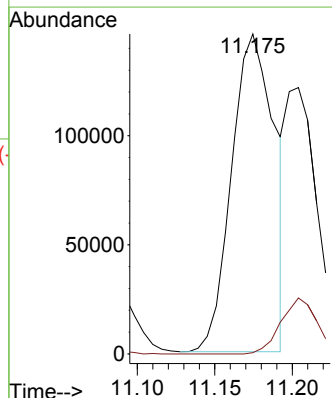
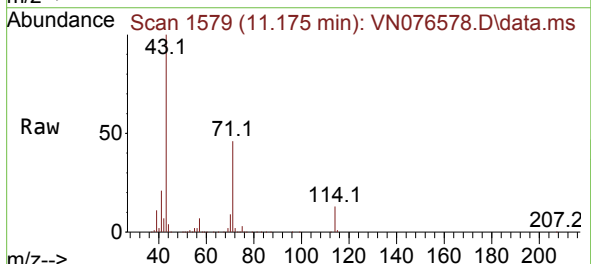
Acq: 08 Feb 2023 14:33

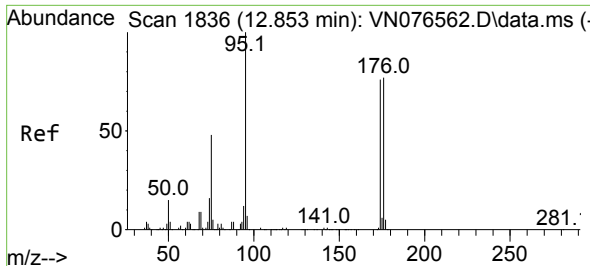
Tgt Ion: 43 Resp: 281080

Ion Ratio Lower Upper

43 100

58 0.0 31.8 95.4#

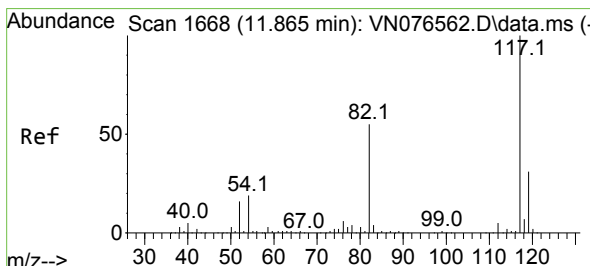
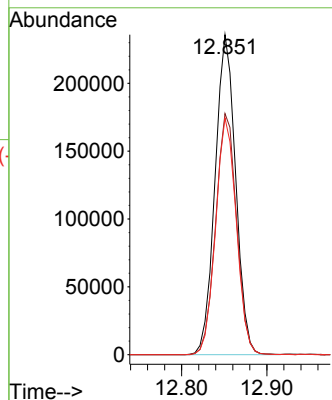
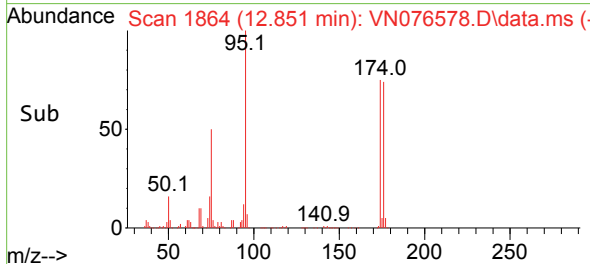
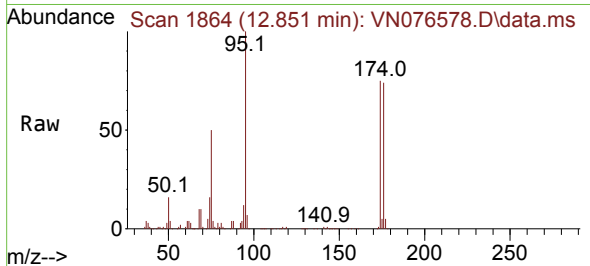




#62
4-Bromofluorobenzene
Concen: 47.902 ug/l
RT: 12.851 min Scan# 1836
Delta R.T. -0.002 min
Lab File: VN076578.D
Acq: 08 Feb 2023 14:33

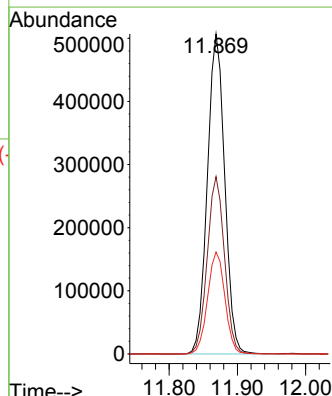
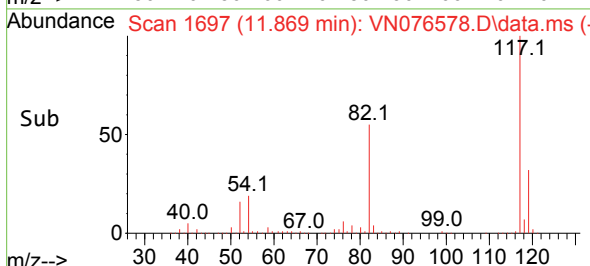
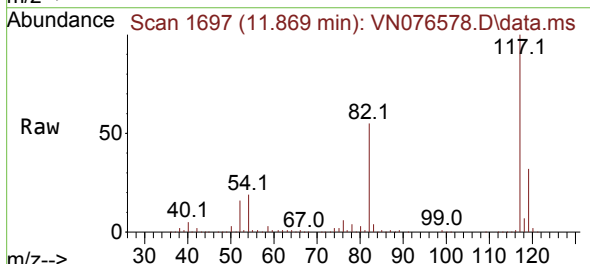
Instrument :
MSVOA_N
ClientSampleId :
TCLP-2

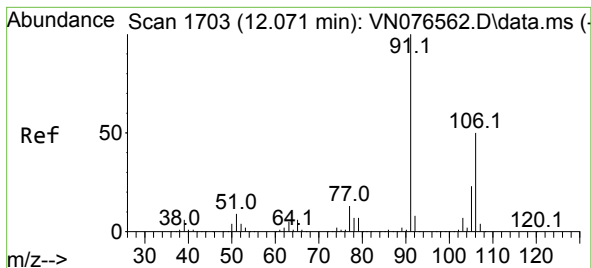
Tgt Ion: 95 Resp: 396146
Ion Ratio Lower Upper
95 100
174 76.9 0.0 154.0
176 74.4 0.0 152.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.869 min Scan# 1697
Delta R.T. 0.004 min
Lab File: VN076578.D
Acq: 08 Feb 2023 14:33

Tgt Ion: 117 Resp: 897851
Ion Ratio Lower Upper
117 100
82 55.4 44.2 66.4
119 31.8 25.1 37.7

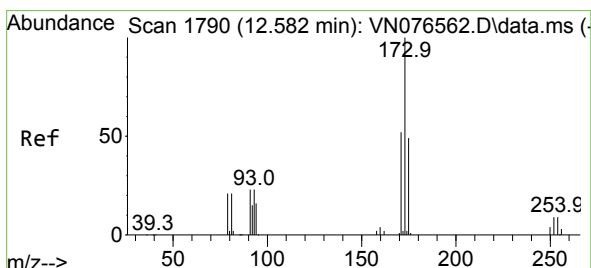
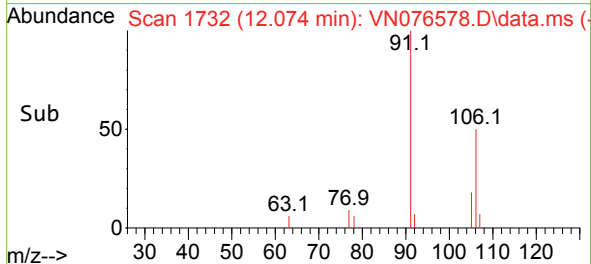
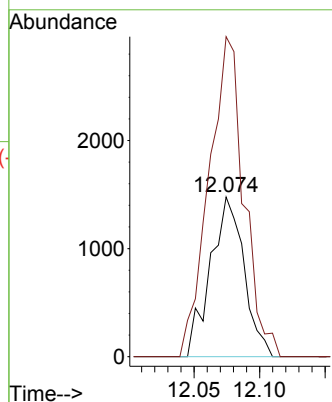
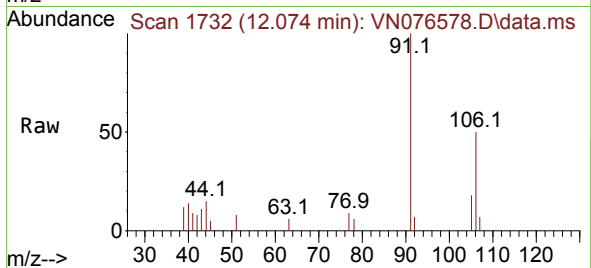




#68
m/p-Xylenes
Concen: 0.204 ug/l
RT: 12.074 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN076578.D
Acq: 08 Feb 2023 14:33

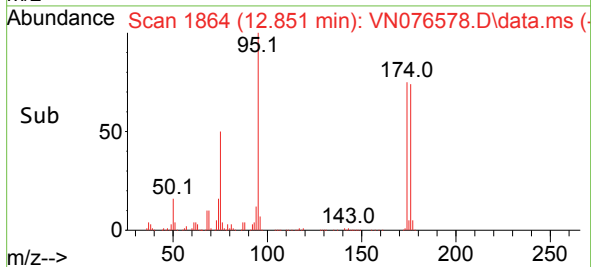
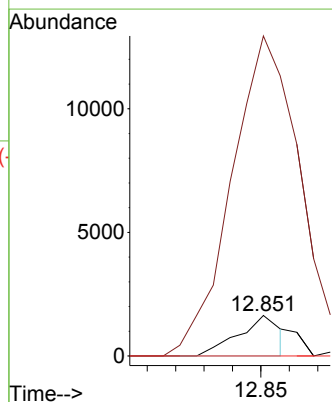
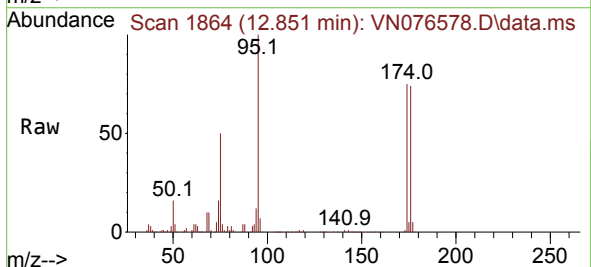
Instrument :
MSVOA_N
ClientSampleId :
TCLP-2

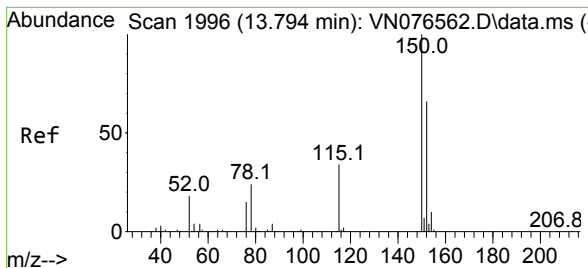
Tgt Ion:106 Resp: 2618
Ion Ratio Lower Upper
106 100
91 209.9 160.2 240.4



#71
Bromoform
Concen: 0.350 ug/l
RT: 12.851 min Scan# 1864
Delta R.T. 0.269 min
Lab File: VN076578.D
Acq: 08 Feb 2023 14:33

Tgt Ion:173 Resp: 1682
Ion Ratio Lower Upper
173 100
175 975.6 24.8 74.3#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.798 min Scan# 20

Delta R.T. 0.004 min

Lab File: VN076578.D

Acq: 08 Feb 2023 14:33

Instrument :

MSVOA_N

ClientSampleId :

TCLP-2

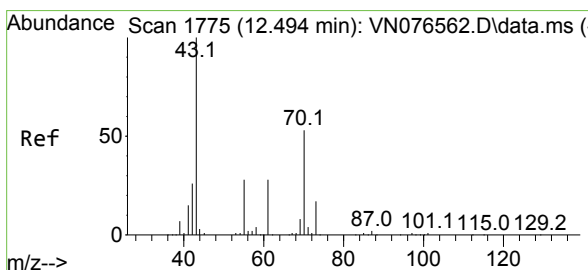
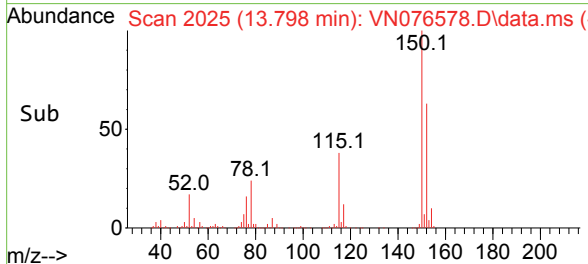
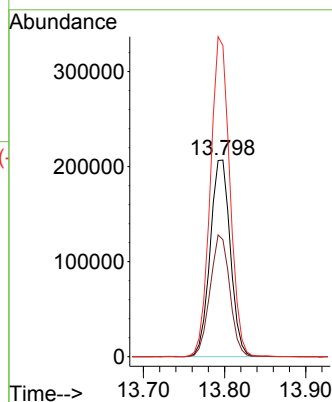
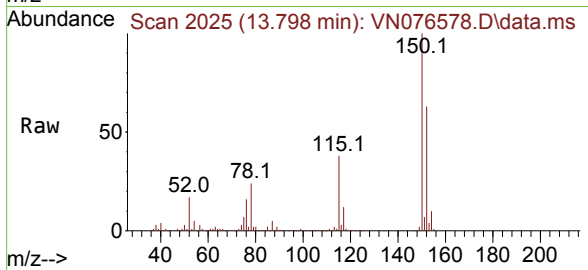
Tgt Ion:152 Resp: 356758

Ion Ratio Lower Upper

152 100

115 60.7 30.8 92.3

150 157.3 0.0 348.8



#74

N-ethyl acetate

Concen: 0.655 ug/l

RT: 12.498 min Scan# 1804

Delta R.T. 0.004 min

Lab File: VN076578.D

Acq: 08 Feb 2023 14:33

Tgt Ion: 43 Resp: 5336

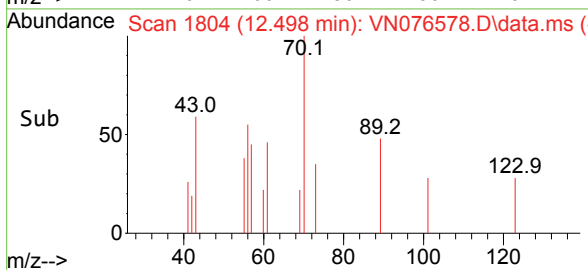
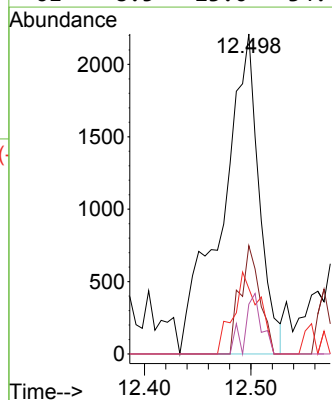
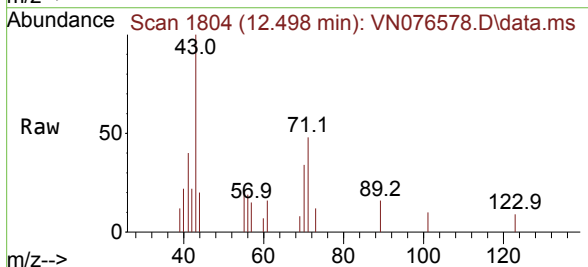
Ion Ratio Lower Upper

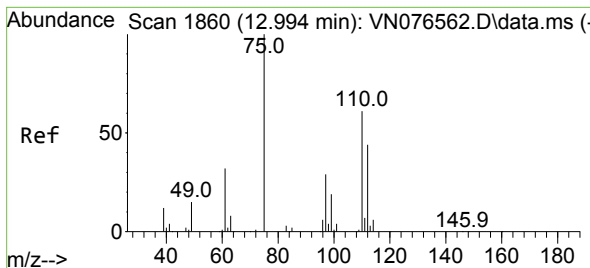
43 100

70 18.0 43.1 64.7#

55 17.6 22.4 33.6#

61 8.5 23.0 34.4#





#76

1,2,3-Trichloropropane

Concen: 29.283 ug/l

RT: 12.851 min Scan# 1864

Delta R.T. -0.143 min

Lab File: VN076578.D

Acq: 08 Feb 2023 14:33

Instrument :

MSVOA_N

ClientSampleId :

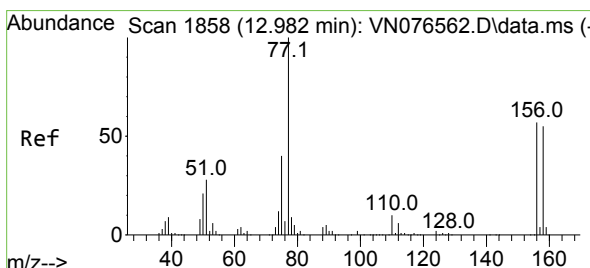
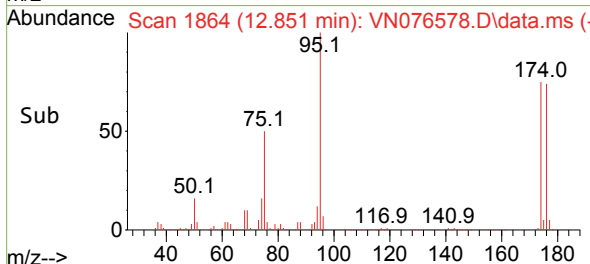
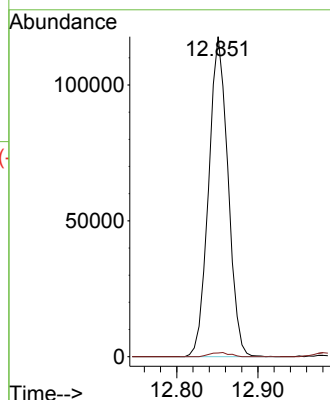
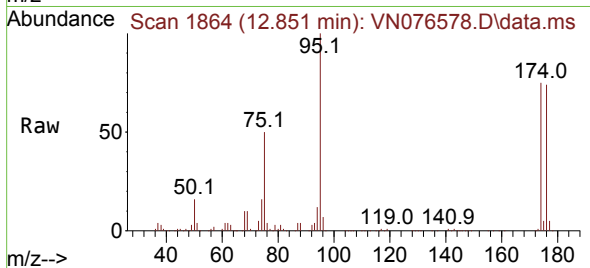
TCLP-2

Tgt Ion: 75 Resp: 194917

Ion Ratio Lower Upper

75 100

77 1.3 87.5 262.5#



#77

Bromobenzene

Concen: 0.210 ug/l

RT: 12.986 min Scan# 1887

Delta R.T. 0.004 min

Lab File: VN076578.D

Acq: 08 Feb 2023 14:33

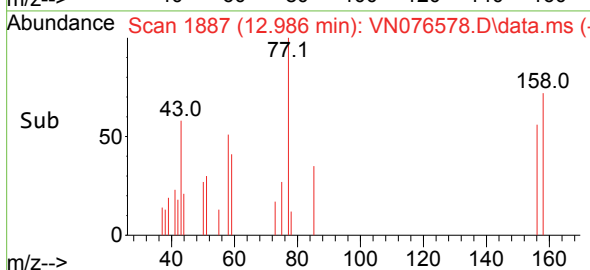
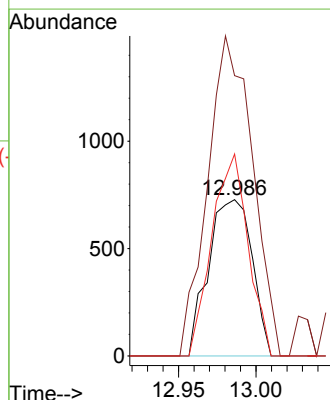
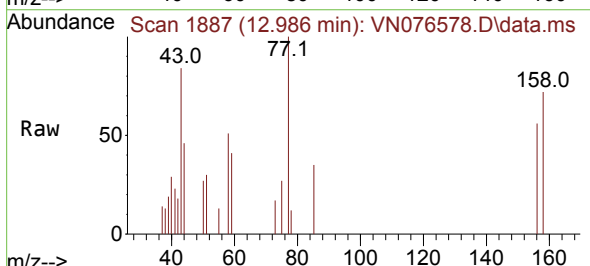
Tgt Ion:156 Resp: 1424

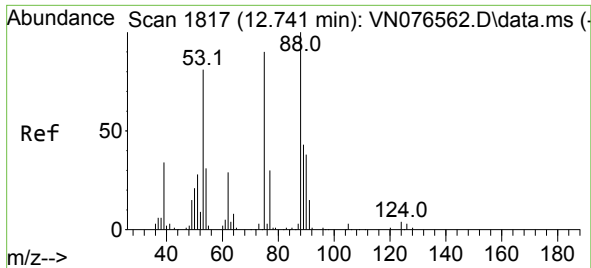
Ion Ratio Lower Upper

156 100

77 210.7 101.6 304.9

158 107.1 48.9 146.7

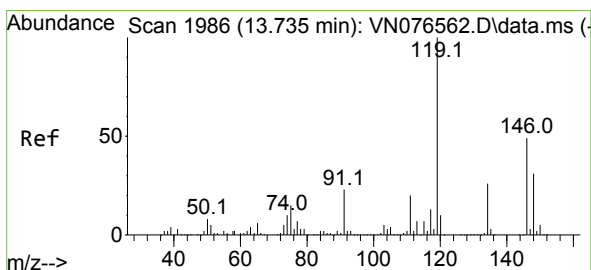
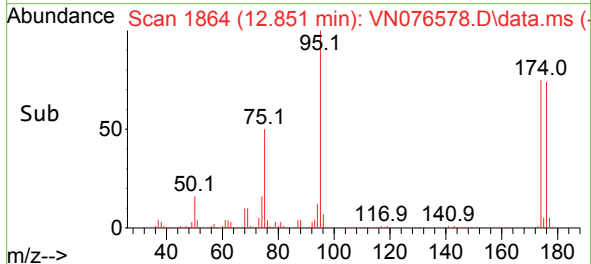
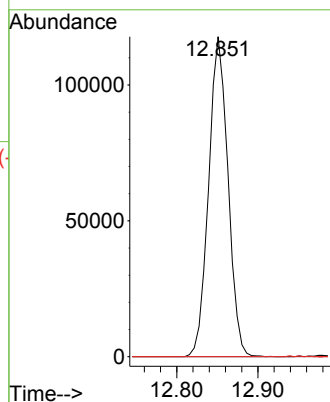
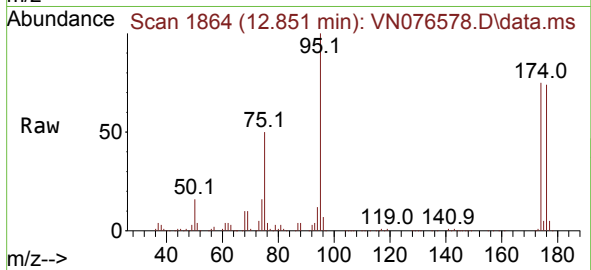




#81
trans-1,4-Dichloro-2-butene
Concen: 89.919 ug/l
RT: 12.851 min Scan# 1864
Delta R.T. 0.110 min
Lab File: VN076578.D
Acq: 08 Feb 2023 14:33

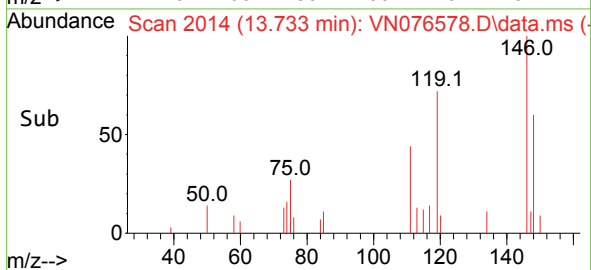
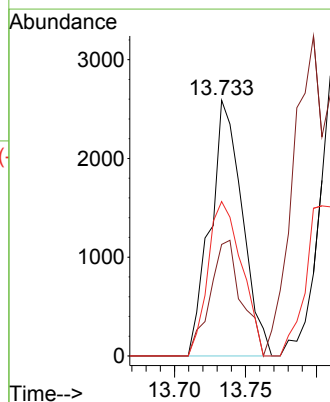
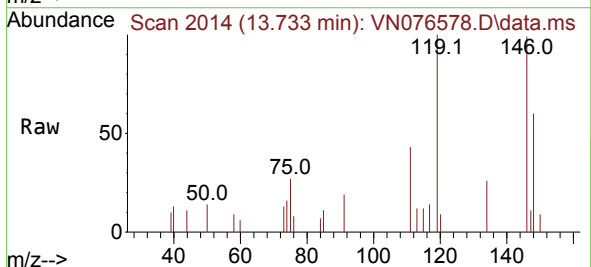
Instrument :
MSVOA_N
ClientSampleId :
TCLP-2

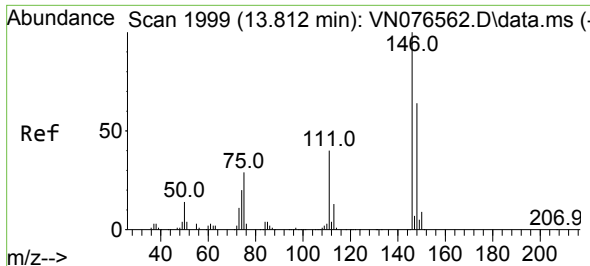
Tgt Ion: 75 Resp: 194917
Ion Ratio Lower Upper
75 100
53 0.0 77.1 115.7#
89 0.0 41.5 62.3#



#87
1,3-Dichlorobenzene
Concen: 0.325 ug/l
RT: 13.733 min Scan# 2014
Delta R.T. -0.002 min
Lab File: VN076578.D
Acq: 08 Feb 2023 14:33

Tgt Ion:146 Resp: 4060
Ion Ratio Lower Upper
146 100
111 44.4 20.3 61.0
148 63.8 31.5 94.5

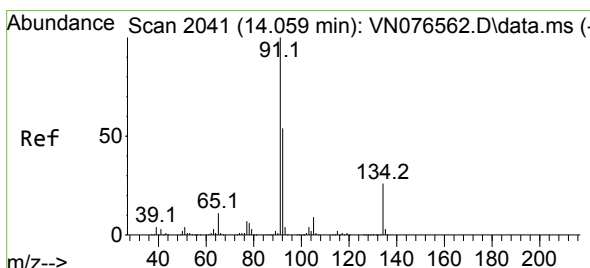
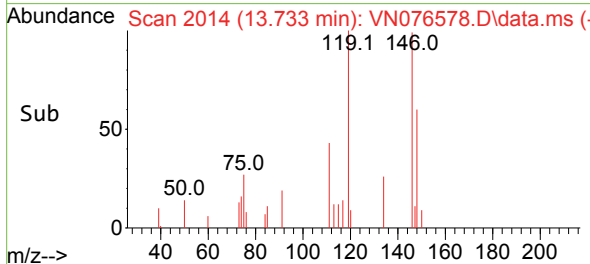
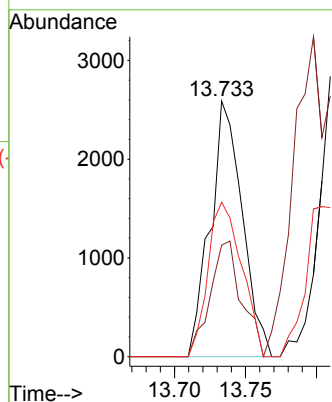
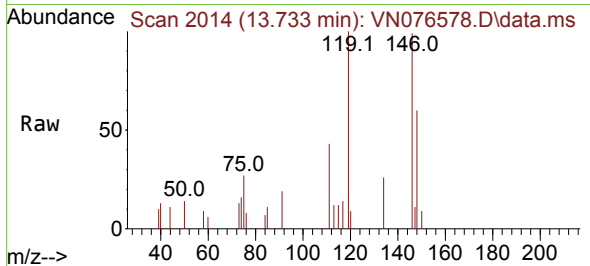




#88
1,4-Dichlorobenzene
Concen: 0.320 ug/l
RT: 13.733 min Scan# 2014
Delta R.T. -0.079 min
Lab File: VN076578.D
Acq: 08 Feb 2023 14:33

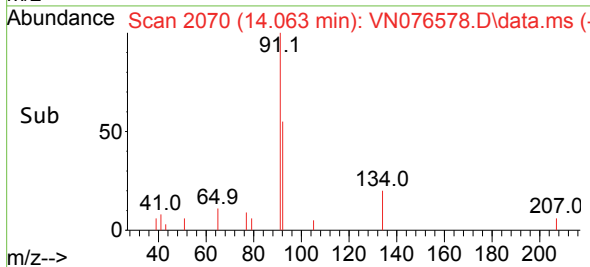
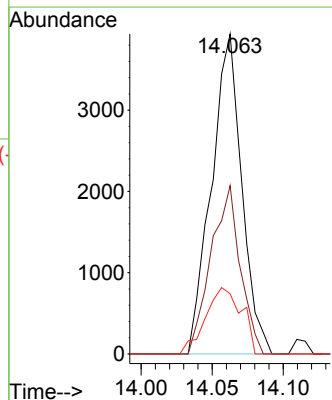
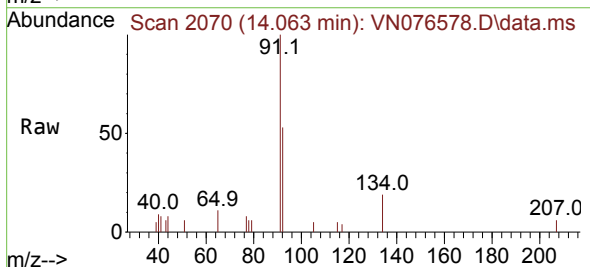
Instrument :
MSVOA_N
ClientSampleId :
TCLP-2

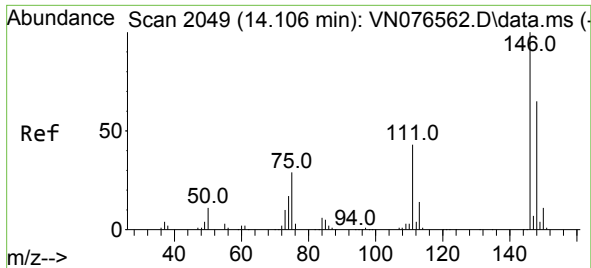
Tgt Ion:146 Resp: 4060
Ion Ratio Lower Upper
146 100
111 44.4 19.8 59.4
148 63.8 31.6 94.8



#89
n-Butylbenzene
Concen: 0.307 ug/l
RT: 14.063 min Scan# 2070
Delta R.T. 0.004 min
Lab File: VN076578.D
Acq: 08 Feb 2023 14:33

Tgt Ion: 91 Resp: 5841
Ion Ratio Lower Upper
91 100
92 50.8 27.0 80.8
134 24.6 13.1 39.3

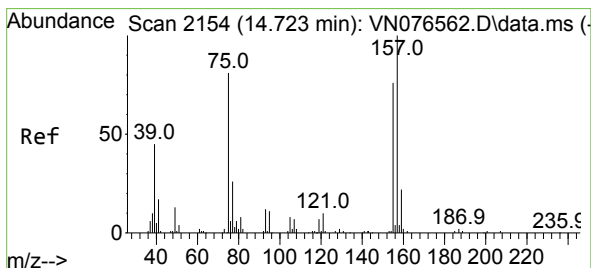
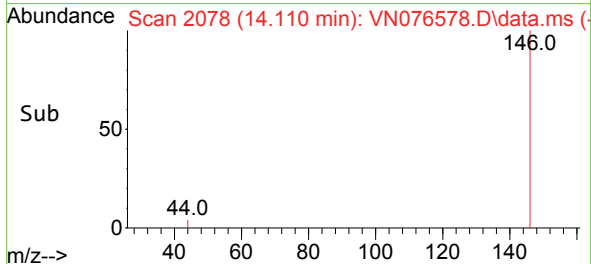
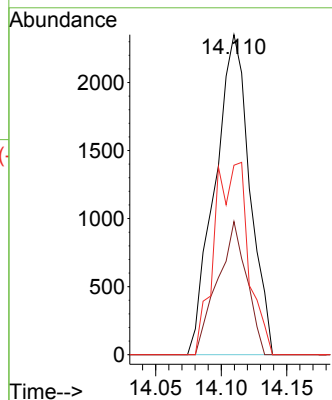
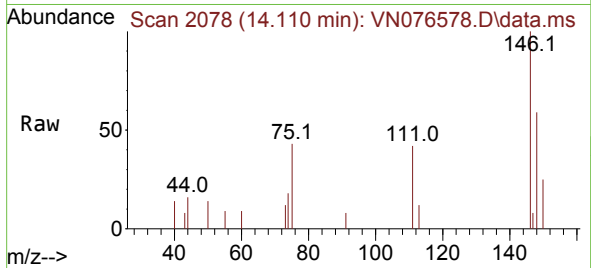




#91
1,2-Dichlorobenzene
Concen: 0.352 ug/l
RT: 14.110 min Scan# 2049
Delta R.T. 0.004 min
Lab File: VN076578.D
Acq: 08 Feb 2023 14:33

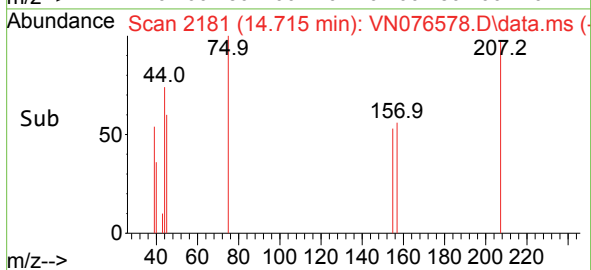
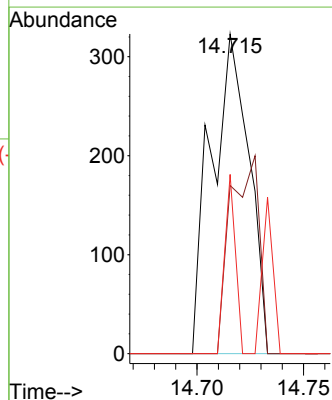
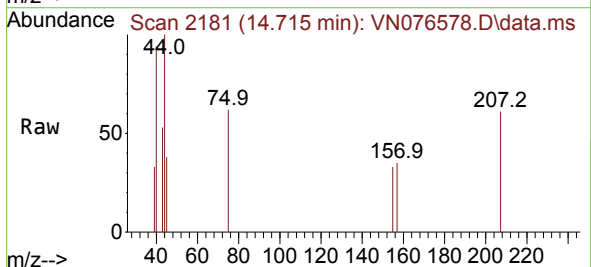
Instrument :
MSVOA_N
ClientSampleId :
TCLP-2

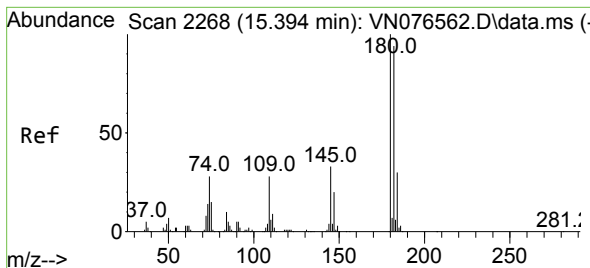
Tgt Ion:146 Resp: 4341
Ion Ratio Lower Upper
146 100
111 34.8 21.4 64.3
148 58.8 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.288 ug/l
RT: 14.715 min Scan# 2181
Delta R.T. -0.008 min
Lab File: VN076578.D
Acq: 08 Feb 2023 14:33

Tgt Ion: 75 Resp: 399
Ion Ratio Lower Upper
75 100
155 0.0 44.8 134.4#
157 16.0 58.4 175.1#





#93

1,2,4-Trichlorobenzene

Concen: 0.767 ug/l

RT: 15.392 min Scan# 21

Delta R.T. -0.002 min

Lab File: VN076578.D

Acq: 08 Feb 2023 14:33

Instrument :

MSVOA_N

ClientSampleId :

TCLP-2

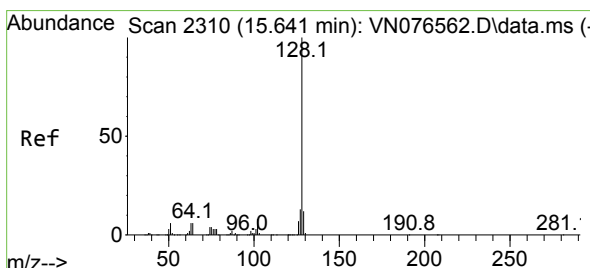
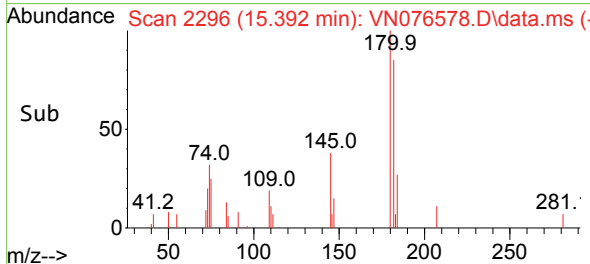
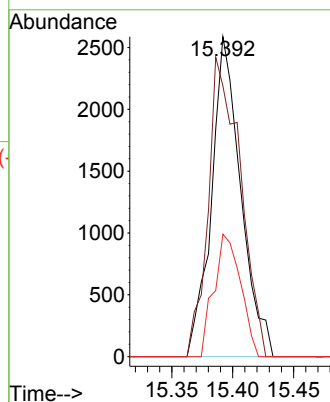
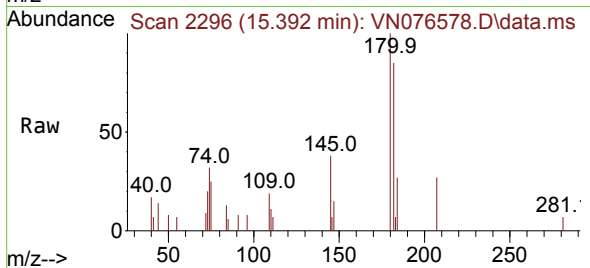
Tgt Ion:180 Resp: 4335

Ion Ratio Lower Upper

180 100

182 102.6 47.4 142.2

145 34.8 16.3 48.8



#95

Naphthalene

Concen: 1.155 ug/l

RT: 15.645 min Scan# 2339

Delta R.T. 0.004 min

Lab File: VN076578.D

Acq: 08 Feb 2023 14:33

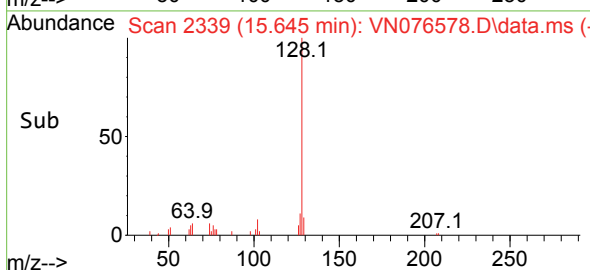
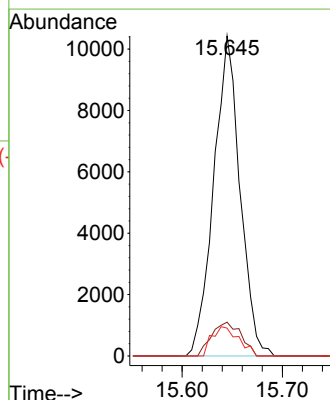
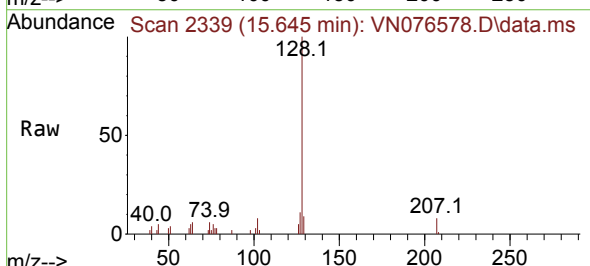
Tgt Ion:128 Resp: 18980

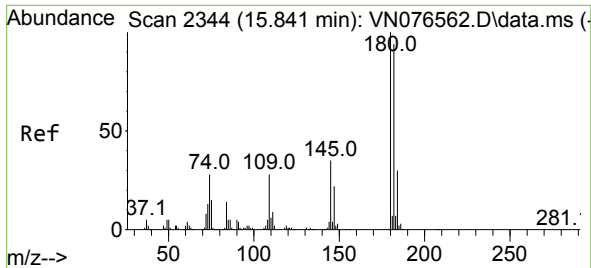
Ion Ratio Lower Upper

128 100

127 11.8 10.2 15.2

129 9.3 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.916 ug/l
 RT: 15.845 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: VN076578.D
 Acq: 08 Feb 2023 14:33

Instrument :
 MSVOA_N
 ClientSampleId :
 TCLP-2

Tgt Ion:180	Resp:	4956
Ion	Ratio	Lower Upper
180	100	
182	94.4	47.4 142.2
145	34.1	17.2 51.5

