

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN020823\  
 Data File : VN076581.D  
 Acq On : 08 Feb 2023 15:46  
 Operator : JC\MD  
 Sample : 01465-04  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TCLP-1

Quant Time: Feb 09 00:49:48 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

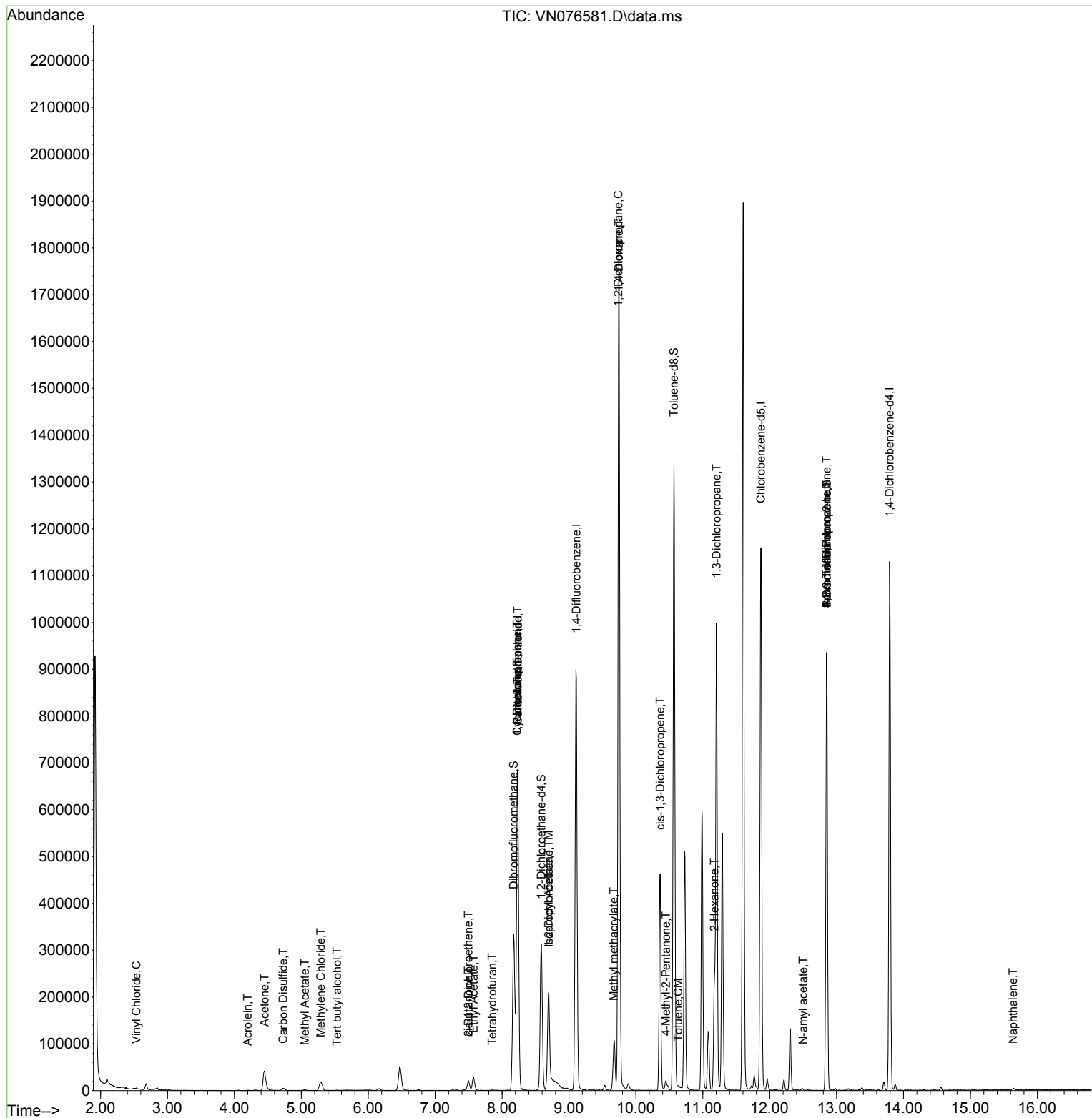
| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) Pentafluorobenzene         | 8.233          | 168  | 548257     | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 9.110          | 114  | 862075     | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.869         | 117  | 749438     | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.792         | 152  | 331542     | 50.000  | ug/l   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.586          | 65   | 258585     | 39.960  | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 74 - 125 |      | Recovery = | 79.920% |        |          |
| 35) Dibromofluoromethane      | 8.175          | 113  | 248343     | 46.342  | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = | 92.680% |        |          |
| 50) Toluene-d8                | 10.569         | 98   | 989123     | 49.063  | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 86 - 113 |      | Recovery = | 98.120% |        |          |
| 62) 4-Bromofluorobenzene      | 12.851         | 95   | 340382     | 47.925  | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 83 - 123 |      | Recovery = | 95.840% |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         |        | Qvalue   |
| 4) Vinyl Chloride             | 2.534          | 62   | 2020       | 0.420   | ug/l   | 95       |
| 11) Tert butyl alcohol        | 5.534          | 59   | 1100       | 1.305   | ug/l # | 72       |
| 13) Acrolein                  | 4.198          | 56   | 645        | 0.573   | ug/l   | 83       |
| 16) Acetone                   | 4.451          | 43   | 76476      | 35.846  | ug/l   | 92       |
| 17) Carbon Disulfide          | 4.728          | 76   | 10406      | 0.733   | ug/l # | 92       |
| 18) Methyl Acetate            | 5.051          | 43   | 3611       | 0.535   | ug/l # | 70       |
| 20) Methylene Chloride        | 5.293          | 84   | 17726      | 2.695   | ug/l # | 87       |
| 25) 2-Butanone                | 7.498          | 43   | 12904      | 4.208   | ug/l   | 93       |
| 27) cis-1,2-Dichloroethene    | 7.498          | 96   | 8249       | 1.184   | ug/l   | 92       |
| 29) Tetrahydrofuran           | 7.851          | 42   | 818        | 0.415   | ug/l # | 66       |
| 31) Cyclohexane               | 8.228          | 56   | 8303       | 0.812   | ug/l # | 1        |
| 36) 1,1-Dichloropropene       | 8.228          | 75   | 34948      | 4.568   | ug/l # | 49       |
| 37) Ethyl Acetate             | 7.575          | 43   | 40809      | 7.119   | ug/l # | 91       |
| 38) Carbon Tetrachloride      | 8.233          | 117  | 51882      | 6.307   | ug/l # | 16       |
| 42) 1,2-Dichloroethane        | 8.698          | 62   | 1942       | 0.257   | ug/l # | 71       |
| 43) Isopropyl Acetate         | 8.698          | 43   | 245401     | 25.727  | ug/l # | 88       |
| 45) 1,2-Dichloropropane       | 9.739          | 63   | 2800       | 0.503   | ug/l # | 42       |
| 48) Methyl methacrylate       | 9.669          | 41   | 4981       | 1.062   | ug/l # | 32       |
| 49) 1,4-Dioxane               | 9.745          | 88   | 393        | 3.916   | ug/l # | 1        |
| 51) 4-Methyl-2-Pentanone      | 10.451         | 43   | 18699      | 3.262   | ug/l # | 79       |
| 52) Toluene                   | 10.633         | 92   | 3317       | 0.222   | ug/l   | 93       |
| 54) cis-1,3-Dichloropropene   | 10.363         | 75   | 103665     | 11.643  | ug/l # | 56       |
| 57) 1,3-Dichloropropane       | 11.204         | 76   | 11532      | 1.215   | ug/l # | 42       |
| 59) 2-Hexanone                | 11.174         | 43   | 183214     | 44.828  | ug/l # | 18       |
| 71) Bromoform                 | 12.851         | 173  | 1843       | 0.460   | ug/l # | 1        |
| 74) N-amyl acetate            | 12.498         | 43   | 3353       | 0.443   | ug/l # | 37       |
| 76) 1,2,3-Trichloropropane    | 12.851         | 75   | 160775     | 25.991  | ug/l # | 1        |
| 81) trans-1,4-Dichloro-2-b... | 12.851         | 75   | 160775     | 79.810  | ug/l # | 10       |
| 95) Naphthalene               | 15.639         | 128  | 4812       | 0.315   | ug/l # | 92       |
| -----                         |                |      |            |         |        |          |

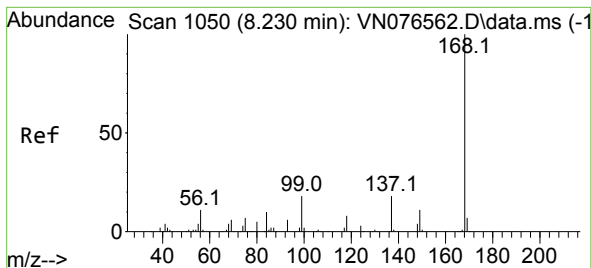
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN020823\  
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Sample : 01465-04  
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ALS Vial : 16 Sample Multiplier: 1

Instrument :  
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TCLP-1

Quant Time: Feb 09 00:49:48 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.233 min Scan# 110

Delta R.T. 0.003 min

Lab File: VN076581.D

Acq: 08 Feb 2023 15:46

Instrument :

MSVOA\_N

ClientSampleId :

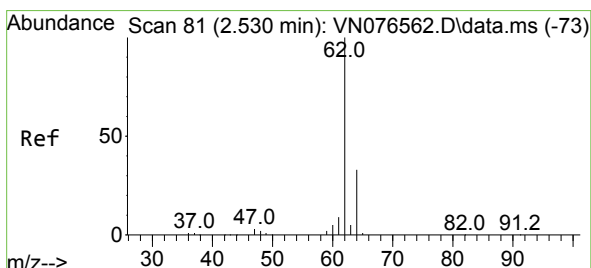
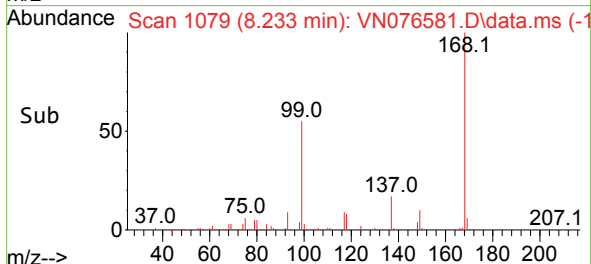
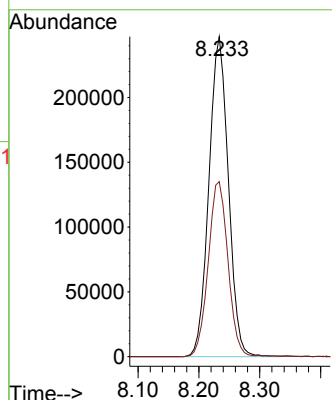
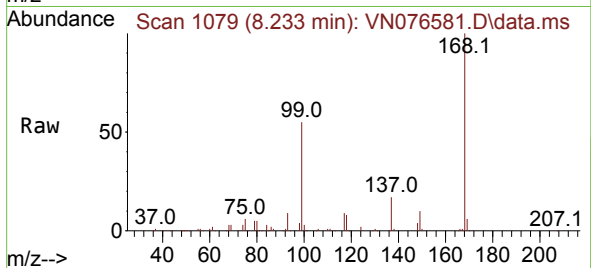
TCLP-1

Tgt Ion:168 Resp: 548257

Ion Ratio Lower Upper

168 100

99 54.7 47.8 71.8



#4

Vinyl Chloride

Concen: 0.420 ug/l

RT: 2.534 min Scan# 110

Delta R.T. 0.004 min

Lab File: VN076581.D

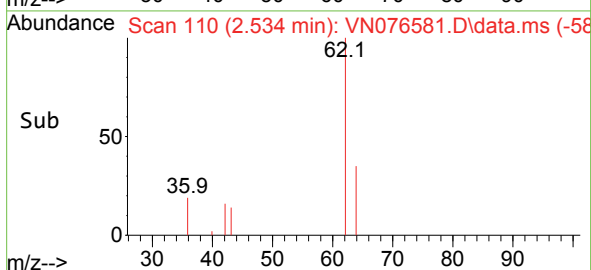
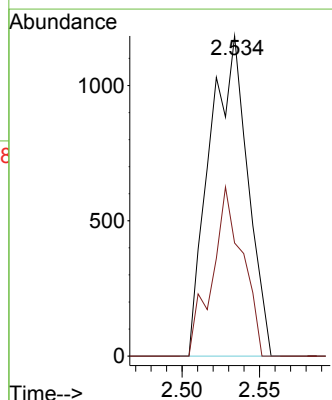
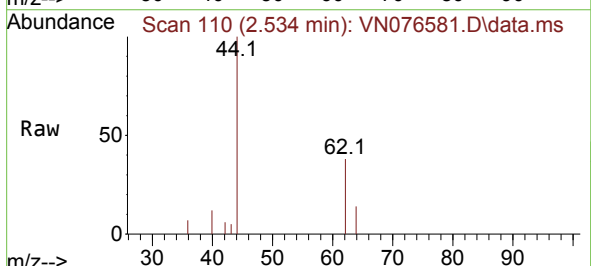
Acq: 08 Feb 2023 15:46

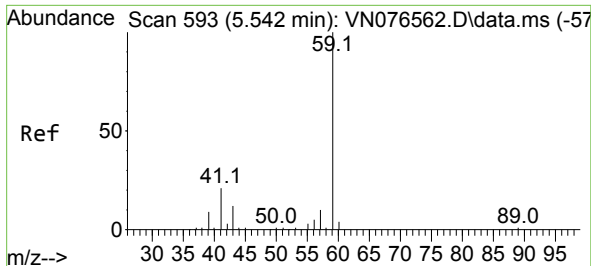
Tgt Ion: 62 Resp: 2020

Ion Ratio Lower Upper

62 100

64 35.3 26.0 39.0

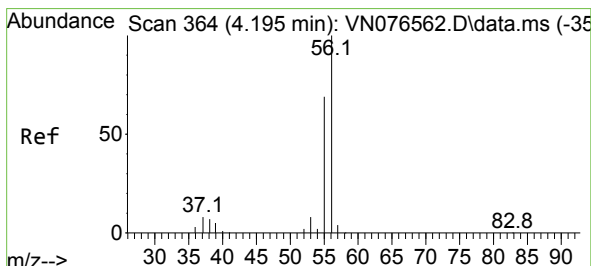
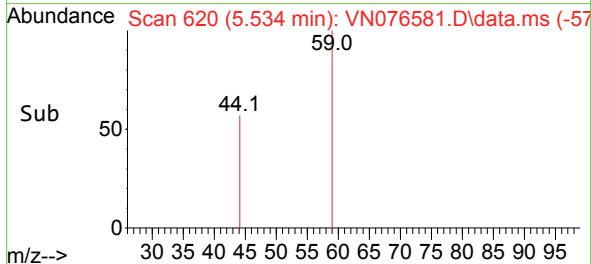
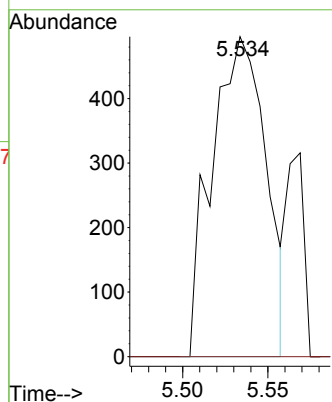
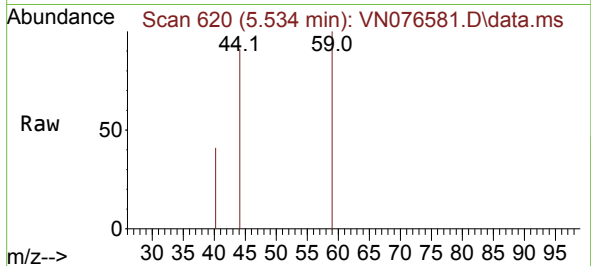




#11  
Tert butyl alcohol  
Concen: 1.305 ug/l  
RT: 5.534 min Scan# 61  
Delta R.T. -0.008 min  
Lab File: VN076581.D  
Acq: 08 Feb 2023 15:46

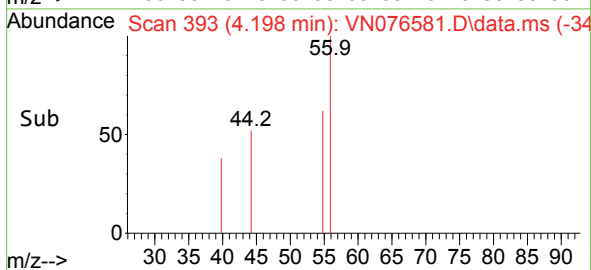
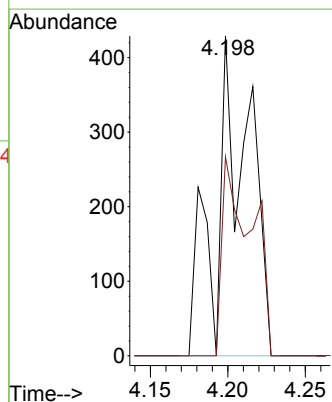
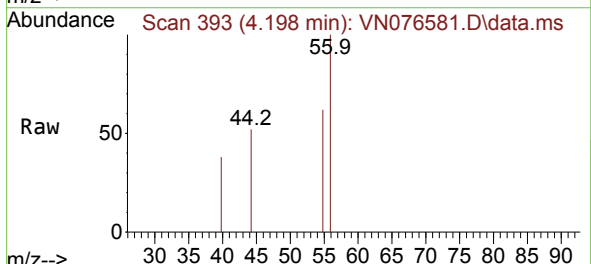
Instrument :  
MSVOA\_N  
ClientSampleId :  
TCLP-1

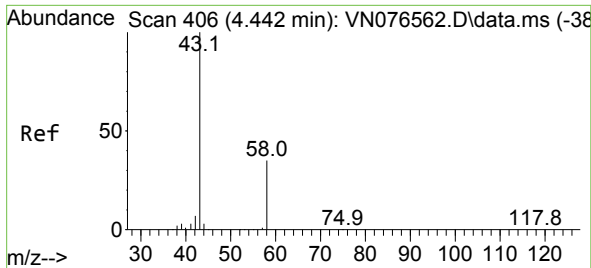
Tgt Ion: 59 Resp: 1100  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.3 12.5#



#13  
Acrolein  
Concen: 0.573 ug/l  
RT: 4.198 min Scan# 393  
Delta R.T. 0.003 min  
Lab File: VN076581.D  
Acq: 08 Feb 2023 15:46

Tgt Ion: 56 Resp: 645  
Ion Ratio Lower Upper  
56 100  
55 54.7 54.7 82.1





#16

Acetone

Concen: 35.846 ug/l

RT: 4.451 min Scan# 41

Delta R.T. 0.009 min

Lab File: VN076581.D

Acq: 08 Feb 2023 15:46

Instrument :

MSVOA\_N

ClientSampleId :

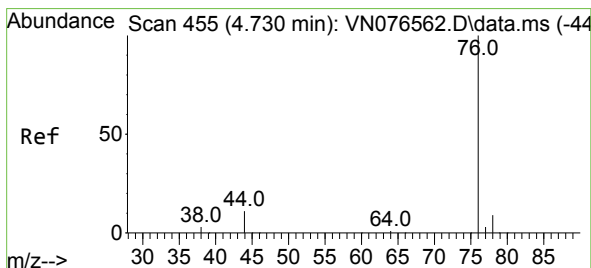
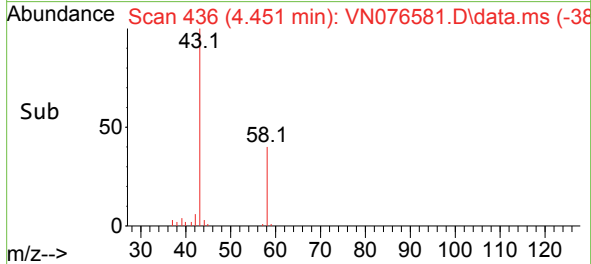
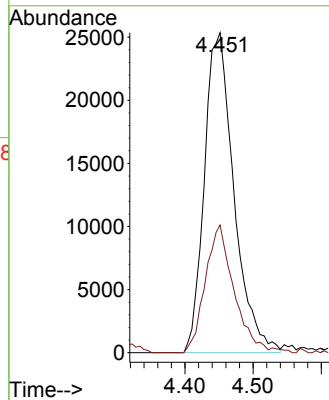
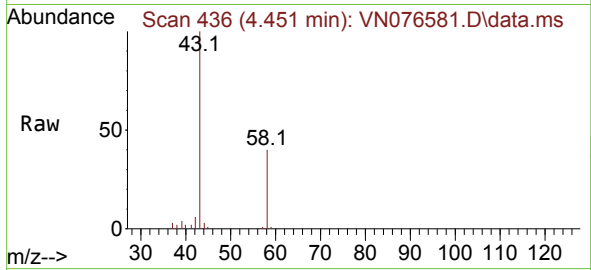
TCLP-1

Tgt Ion: 43 Resp: 76476

Ion Ratio Lower Upper

43 100

58 39.9 28.4 42.6



#17

Carbon Disulfide

Concen: 0.733 ug/l

RT: 4.728 min Scan# 483

Delta R.T. -0.002 min

Lab File: VN076581.D

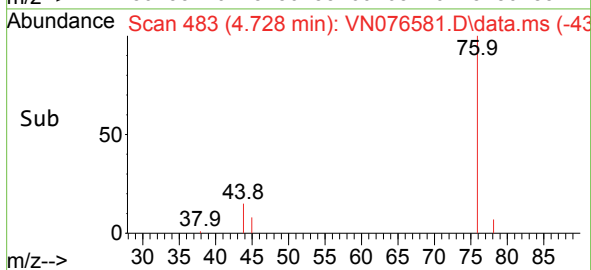
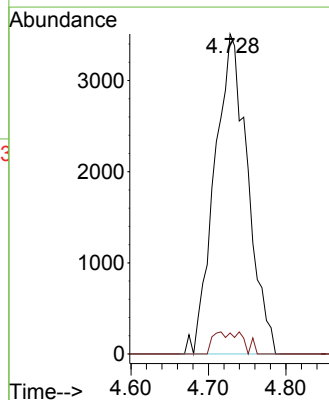
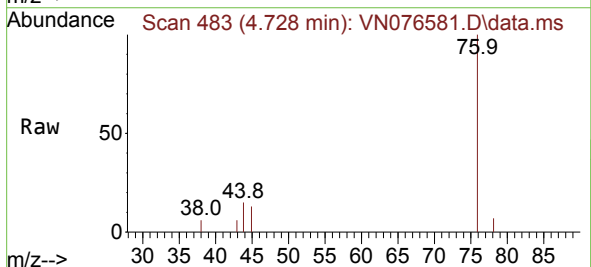
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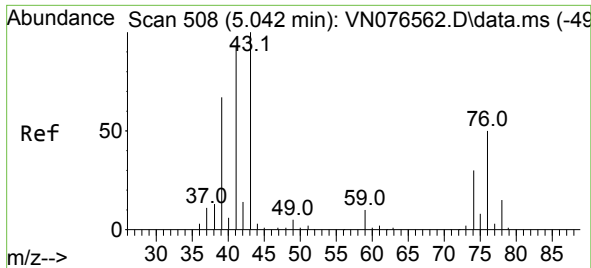
Tgt Ion: 76 Resp: 10406

Ion Ratio Lower Upper

76 100

78 6.6 7.6 11.4#

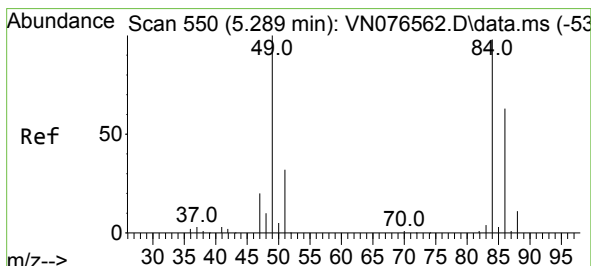
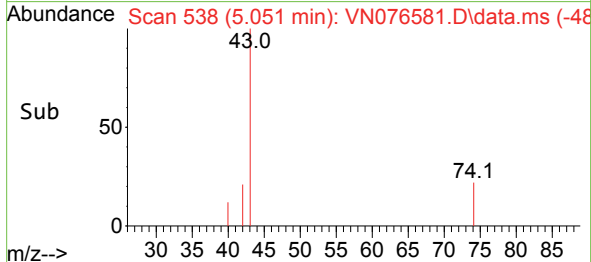
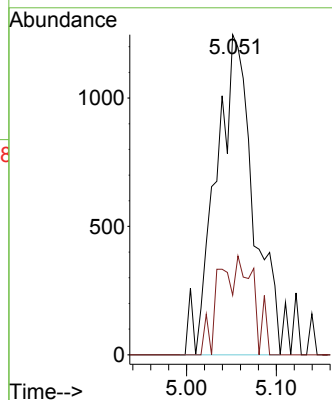
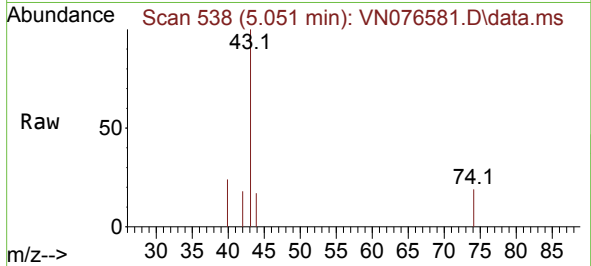




#18  
Methyl Acetate  
Concen: 0.535 ug/l  
RT: 5.051 min Scan# 511  
Delta R.T. 0.009 min  
Lab File: VN076581.D  
Acq: 08 Feb 2023 15:46

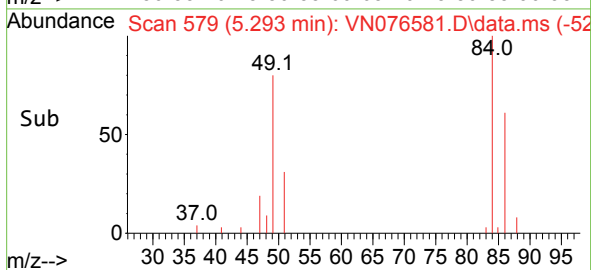
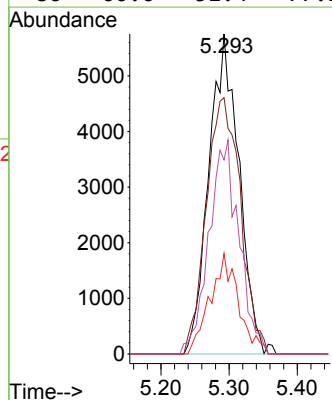
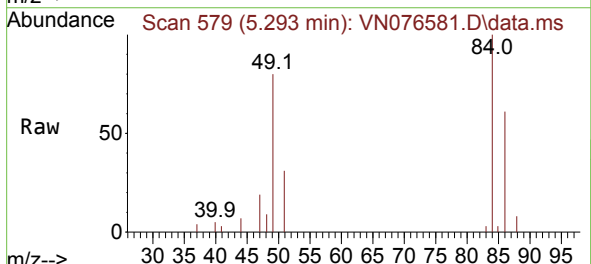
Instrument :  
MSVOA\_N  
ClientSampleId :  
TCLP-1

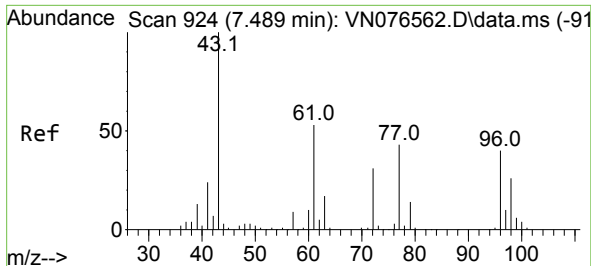
Tgt Ion: 43 Resp: 3611  
Ion Ratio Lower Upper  
43 100  
74 13.5 23.9 35.9#



#20  
Methylene Chloride  
Concen: 2.695 ug/l  
RT: 5.293 min Scan# 579  
Delta R.T. 0.004 min  
Lab File: VN076581.D  
Acq: 08 Feb 2023 15:46

Tgt Ion: 84 Resp: 17726  
Ion Ratio Lower Upper  
84 100  
49 80.1 82.0 123.0#  
51 31.4 26.0 39.0  
86 60.6 51.4 77.2





#25

2-Butanone

Concen: 4.208 ug/l

RT: 7.498 min Scan# 91

Delta R.T. 0.009 min

Lab File: VN076581.D

Acq: 08 Feb 2023 15:46

Instrument :

MSVOA\_N

ClientSampleId :

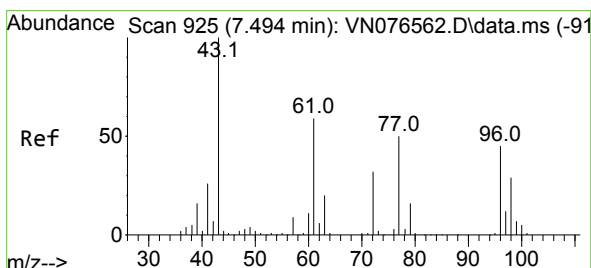
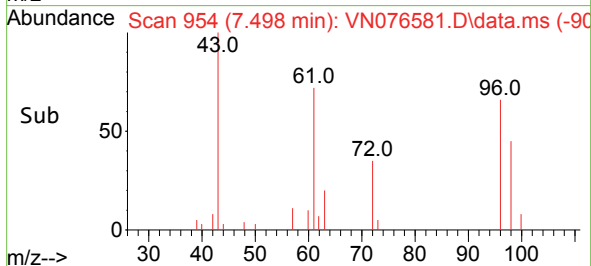
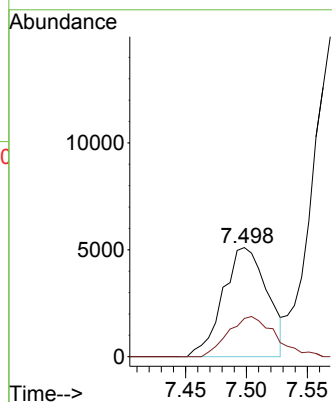
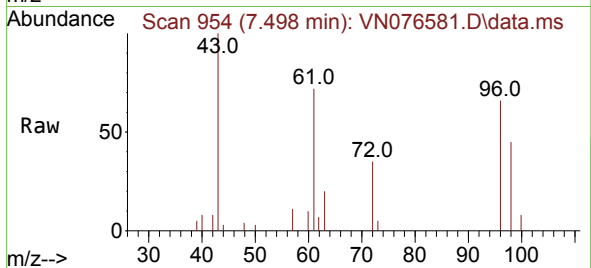
TCLP-1

Tgt Ion: 43 Resp: 12904

Ion Ratio Lower Upper

43 100

72 35.1 25.1 37.7



#27

cis-1,2-Dichloroethene

Concen: 1.184 ug/l

RT: 7.498 min Scan# 954

Delta R.T. 0.004 min

Lab File: VN076581.D

Acq: 08 Feb 2023 15:46

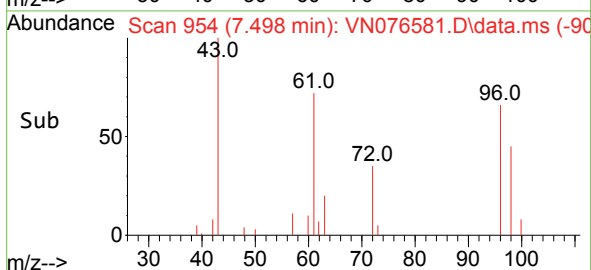
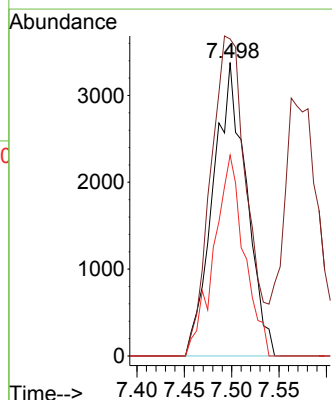
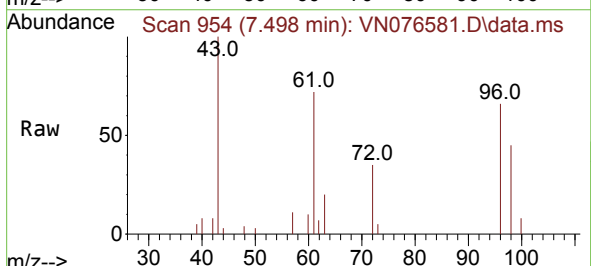
Tgt Ion: 96 Resp: 8249

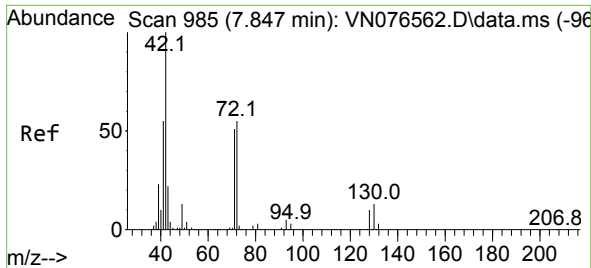
Ion Ratio Lower Upper

96 100

61 119.1 0.0 262.2

98 62.6 0.0 128.6

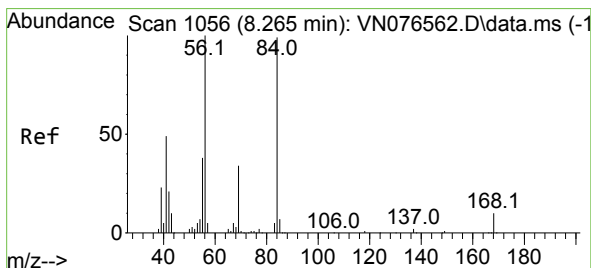
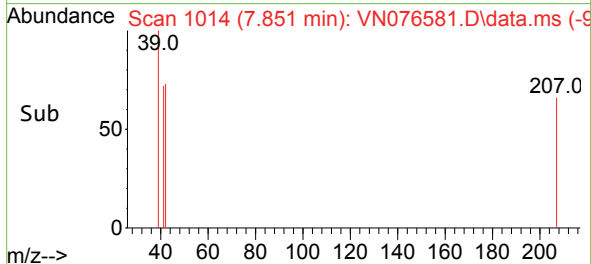
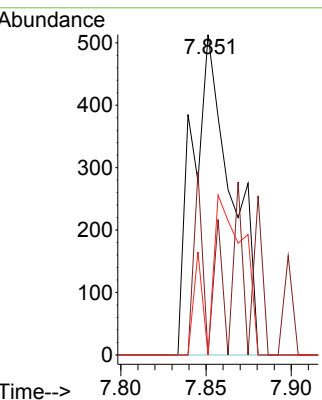
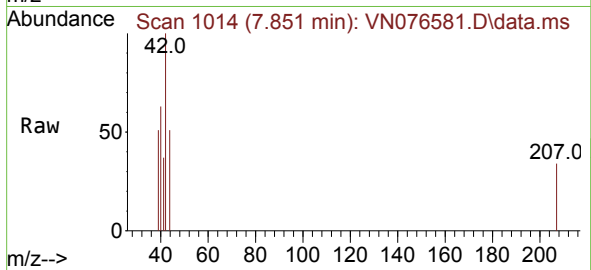




#29  
Tetrahydrofuran  
Concen: 0.415 ug/l  
RT: 7.851 min Scan# 1014  
Delta R.T. 0.004 min  
Lab File: VN076581.D  
Acq: 08 Feb 2023 15:46

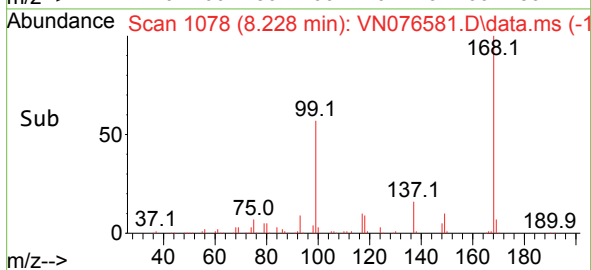
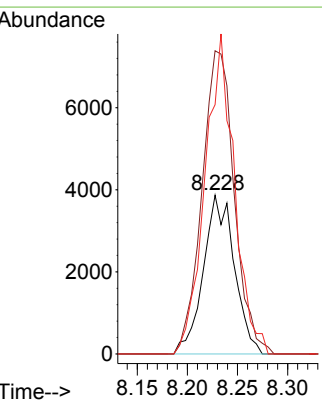
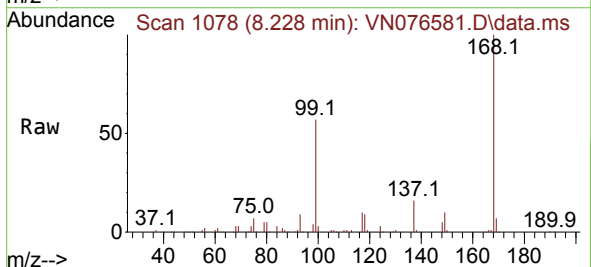
Instrument :  
MSVOA\_N  
ClientSampleId :  
TCLP-1

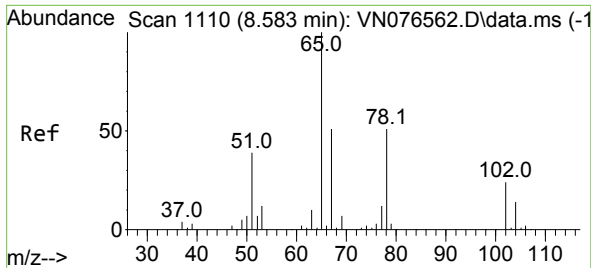
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Ion Ratio Lower Upper  
42 100  
72 12.6 42.9 64.3#  
71 43.5 39.9 59.9



#31  
Cyclohexane  
Concen: 0.812 ug/l  
RT: 8.228 min Scan# 1078  
Delta R.T. -0.037 min  
Lab File: VN076581.D  
Acq: 08 Feb 2023 15:46

Tgt Ion: 56 Resp: 8303  
Ion Ratio Lower Upper  
56 100  
69 191.0 27.0 40.4#  
84 157.1 79.5 119.3#





#33

1,2-Dichloroethane-d4

Concen: 39.960 ug/l

RT: 8.586 min Scan# 1110

Delta R.T. 0.003 min

Lab File: VN076581.D

Acq: 08 Feb 2023 15:46

Instrument :

MSVOA\_N

ClientSampleId :

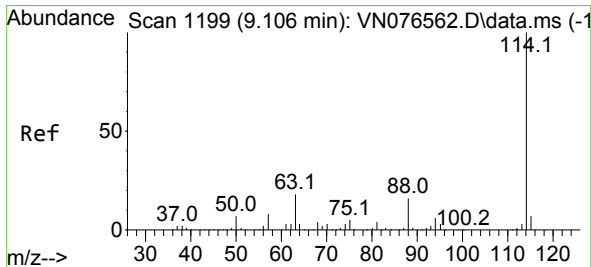
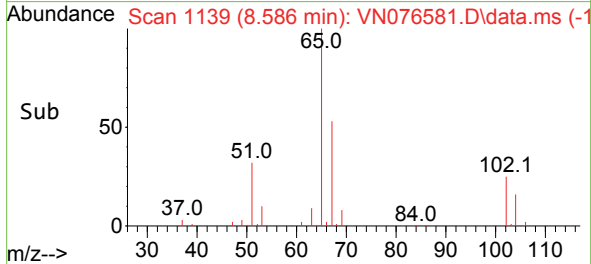
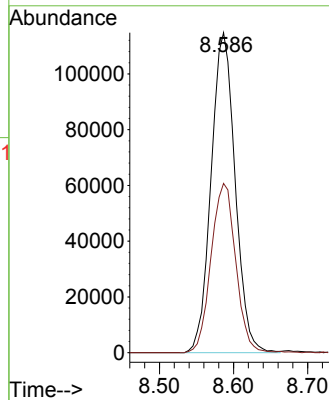
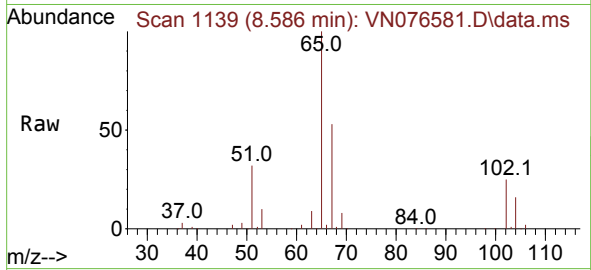
TCLP-1

Tgt Ion: 65 Resp: 258585

Ion Ratio Lower Upper

65 100

67 54.1 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.110 min Scan# 1228

Delta R.T. 0.004 min

Lab File: VN076581.D

Acq: 08 Feb 2023 15:46

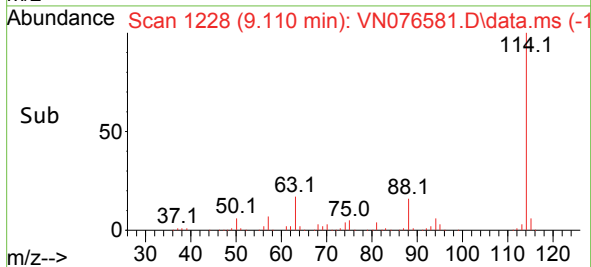
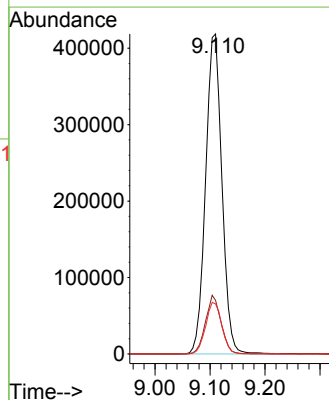
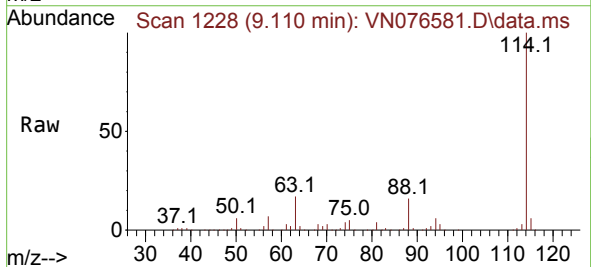
Tgt Ion: 114 Resp: 862075

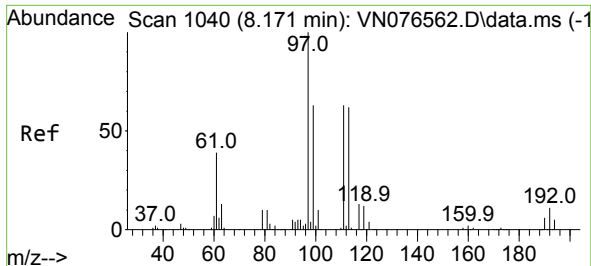
Ion Ratio Lower Upper

114 100

63 16.8 0.0 36.6

88 15.6 0.0 32.0

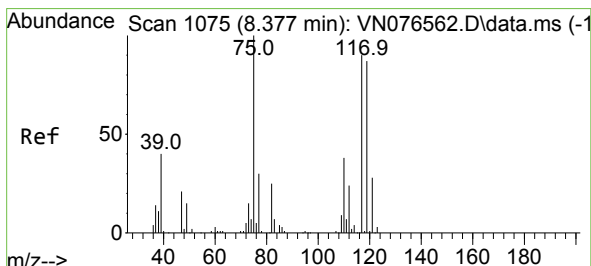
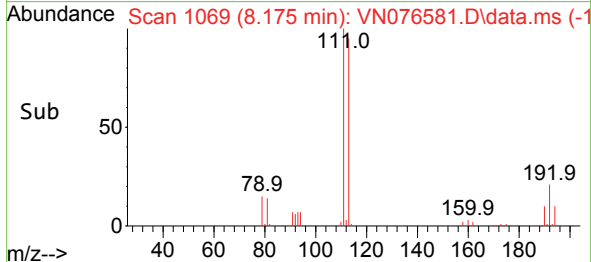
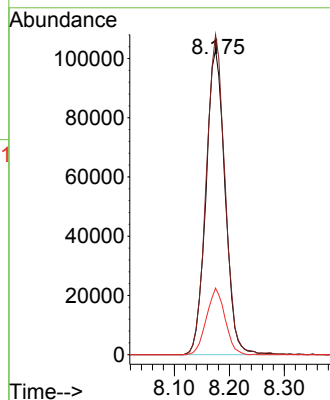
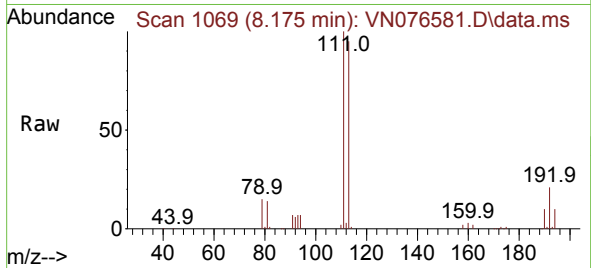




#35  
Dibromofluoromethane  
Concen: 46.342 ug/l  
RT: 8.175 min Scan# 1040  
Delta R.T. 0.004 min  
Lab File: VN076581.D  
Acq: 08 Feb 2023 15:46

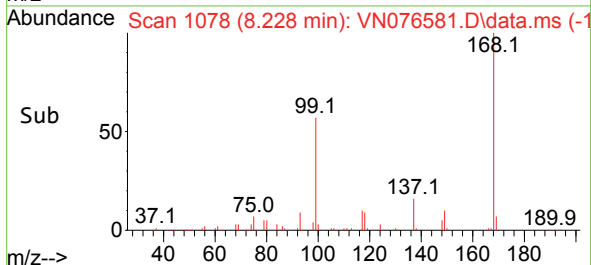
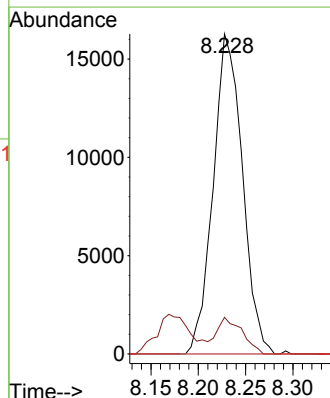
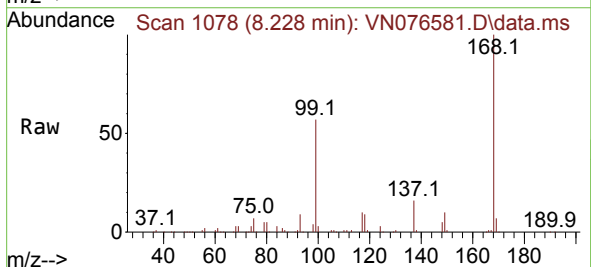
Instrument :  
MSVOA\_N  
ClientSampleId :  
TCLP-1

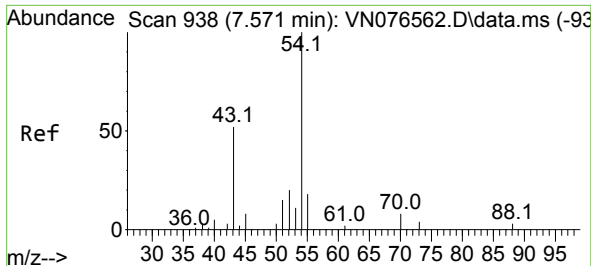
Tgt Ion:113 Resp: 248343  
Ion Ratio Lower Upper  
113 100  
111 103.0 82.0 123.0  
192 21.2 14.8 22.2



#36  
1,1-Dichloropropene  
Concen: 4.568 ug/l  
RT: 8.228 min Scan# 1078  
Delta R.T. -0.149 min  
Lab File: VN076581.D  
Acq: 08 Feb 2023 15:46

Tgt Ion: 75 Resp: 34948  
Ion Ratio Lower Upper  
75 100  
110 9.9 18.6 55.6#  
77 0.0 25.1 37.7#

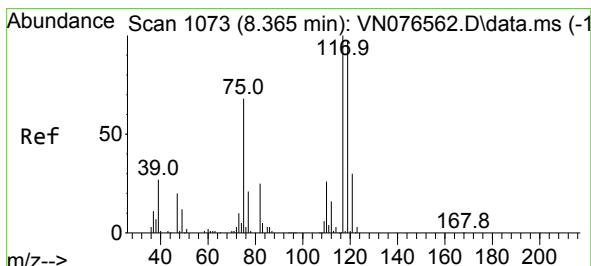
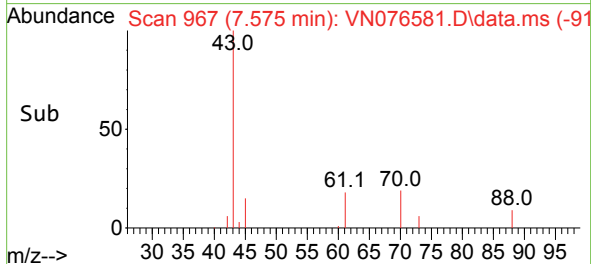
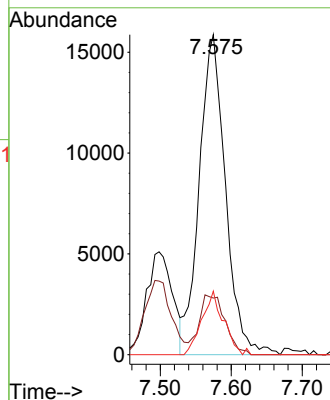
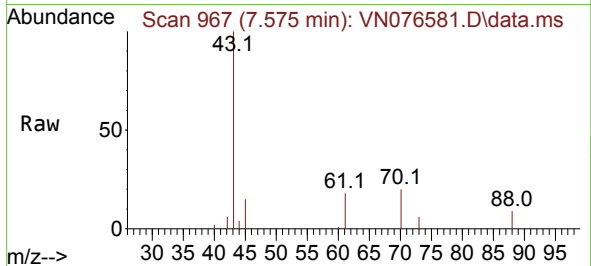




#37  
Ethyl Acetate  
Concen: 7.119 ug/l  
RT: 7.575 min Scan# 90  
Delta R.T. 0.004 min  
Lab File: VN076581.D  
Acq: 08 Feb 2023 15:46

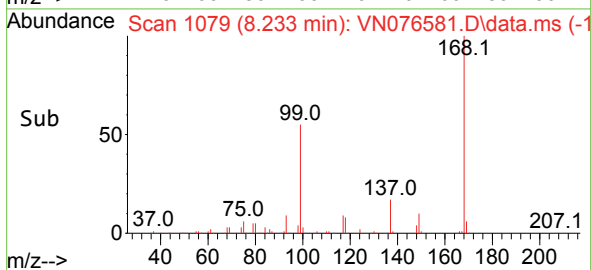
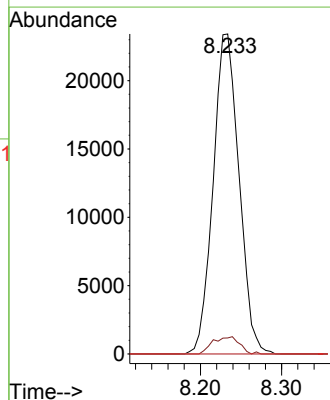
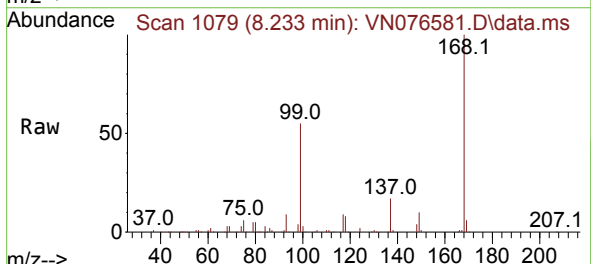
Instrument :  
MSVOA\_N  
ClientSampleId :  
TCLP-1

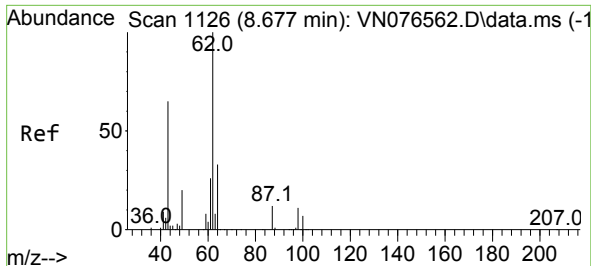
Tgt Ion: 43 Resp: 40809  
Ion Ratio Lower Upper  
43 100  
61 18.4 11.8 17.6#  
70 16.5 10.4 15.6#



#38  
Carbon Tetrachloride  
Concen: 6.307 ug/l  
RT: 8.233 min Scan# 1079  
Delta R.T. -0.132 min  
Lab File: VN076581.D  
Acq: 08 Feb 2023 15:46

Tgt Ion: 117 Resp: 51882  
Ion Ratio Lower Upper  
117 100  
119 5.0 77.2 115.8#  
121 0.0 23.9 35.9#





#42

1,2-Dichloroethane

Concen: 0.257 ug/l

RT: 8.698 min Scan# 1158

Delta R.T. 0.021 min

Lab File: VN076581.D

Acq: 08 Feb 2023 15:46

Instrument :

MSVOA\_N

ClientSampleId :

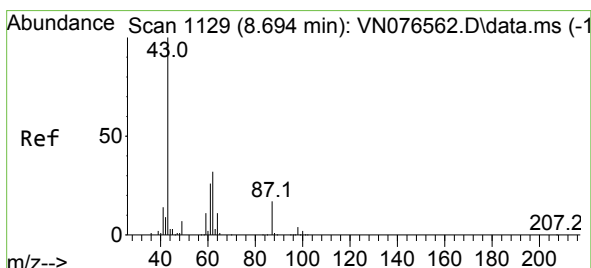
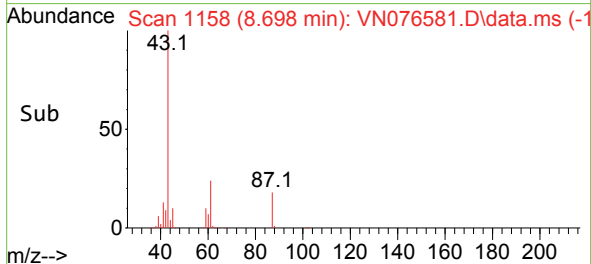
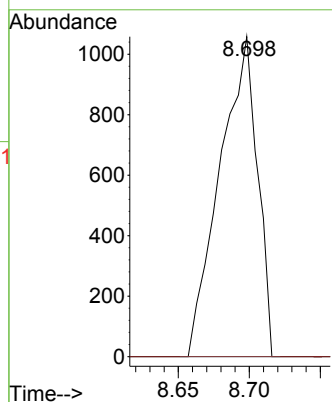
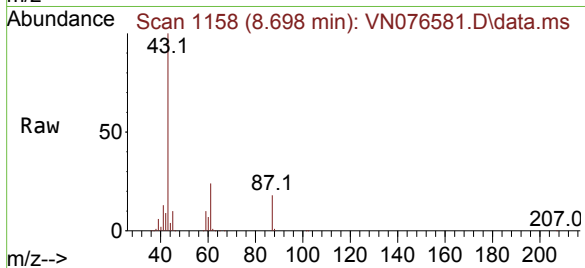
TCLP-1

Tgt Ion: 62 Resp: 1942

Ion Ratio Lower Upper

62 100

98 0.0 0.0 21.6



#43

Isopropyl Acetate

Concen: 25.727 ug/l

RT: 8.698 min Scan# 1158

Delta R.T. 0.004 min

Lab File: VN076581.D

Acq: 08 Feb 2023 15:46

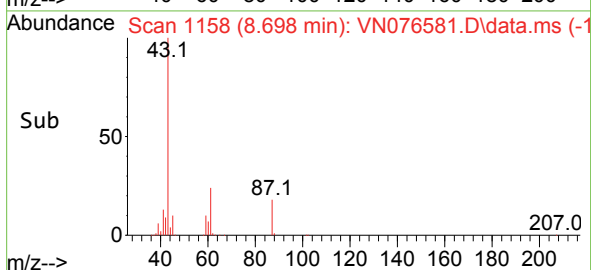
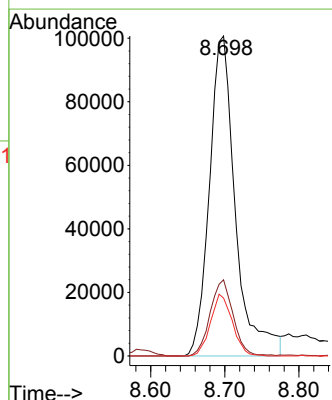
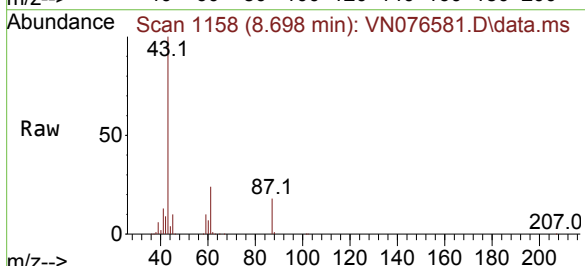
Tgt Ion: 43 Resp: 245401

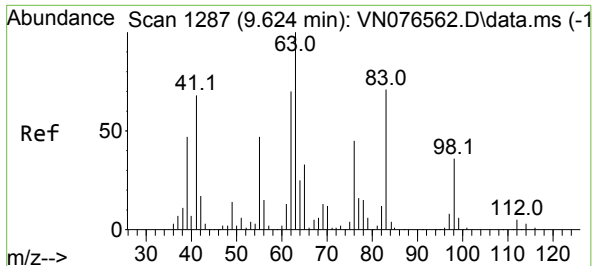
Ion Ratio Lower Upper

43 100

61 21.0 24.5 36.7#

87 16.2 13.6 20.4





#45

1,2-Dichloropropane

Concen: 0.503 ug/l

RT: 9.739 min Scan# 11

Delta R.T. 0.115 min

Lab File: VN076581.D

Acq: 08 Feb 2023 15:46

Instrument :

MSVOA\_N

ClientSampleId :

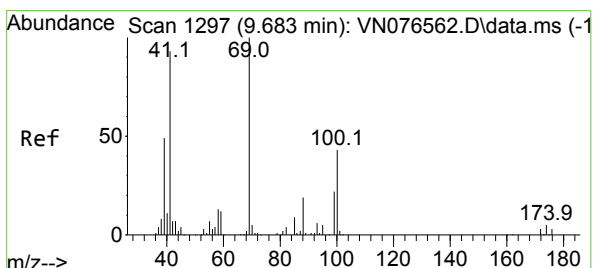
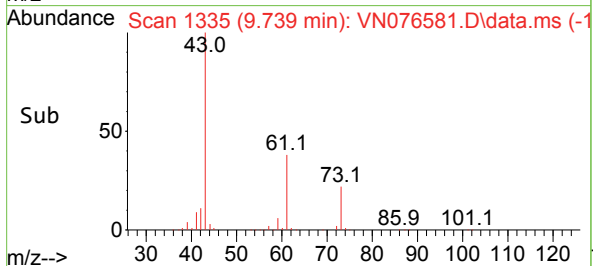
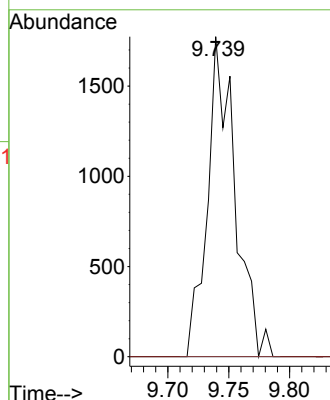
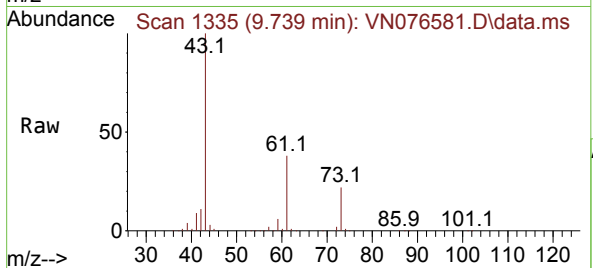
TCLP-1

Tgt Ion: 63 Resp: 2800

Ion Ratio Lower Upper

63 100

65 0.0 26.0 39.0#



#48

Methyl methacrylate

Concen: 1.062 ug/l

RT: 9.669 min Scan# 1323

Delta R.T. -0.014 min

Lab File: VN076581.D

Acq: 08 Feb 2023 15:46

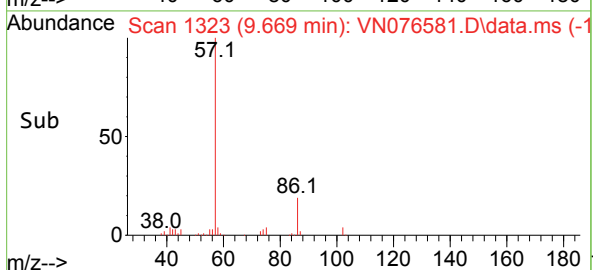
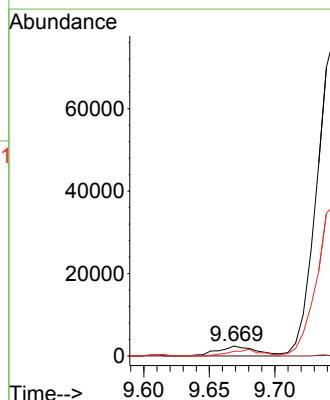
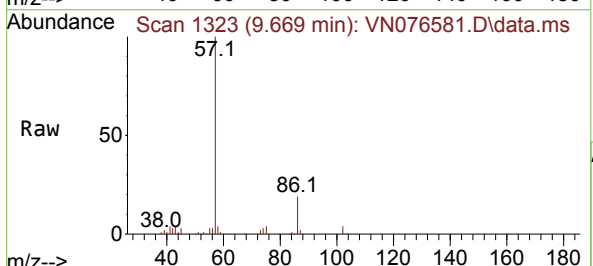
Tgt Ion: 41 Resp: 4981

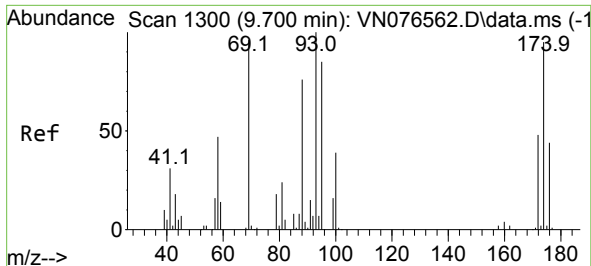
Ion Ratio Lower Upper

41 100

69 0.0 83.0 124.4#

39 52.6 43.8 65.8





#49

1,4-Dioxane

Concen: 3.916 ug/l

RT: 9.745 min Scan# 11

Delta R.T. 0.045 min

Lab File: VN076581.D

Acq: 08 Feb 2023 15:46

Instrument :

MSVOA\_N

ClientSampleId :

TCLP-1

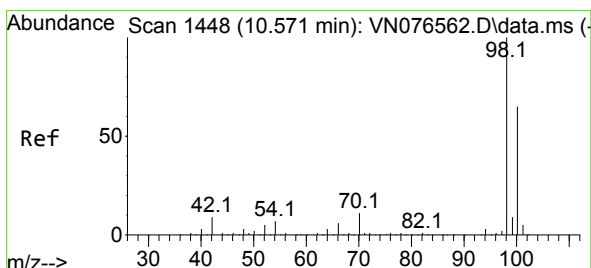
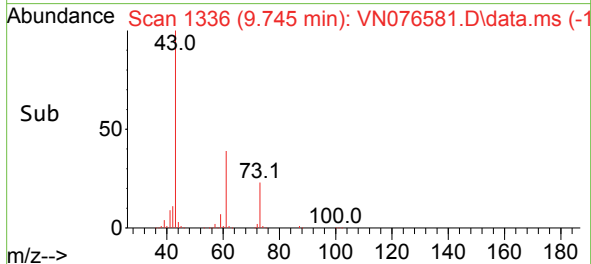
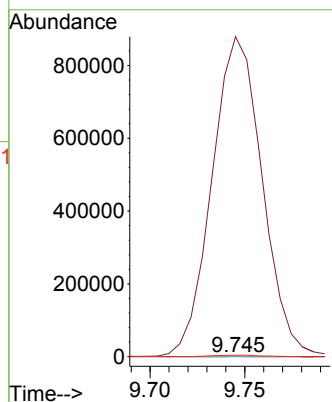
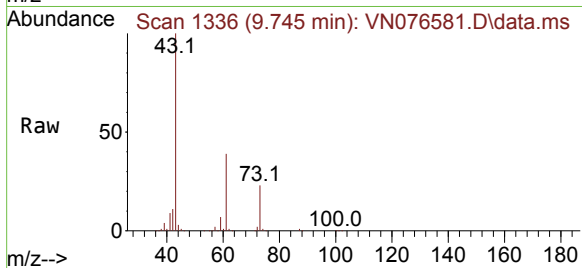
Tgt Ion: 88 Resp: 393

Ion Ratio Lower Upper

88 100

43 416075.6 16.7 25.1#

58 1992.9 51.7 77.5#



#50

Toluene-d8

Concen: 49.063 ug/l

RT: 10.569 min Scan# 1476

Delta R.T. -0.002 min

Lab File: VN076581.D

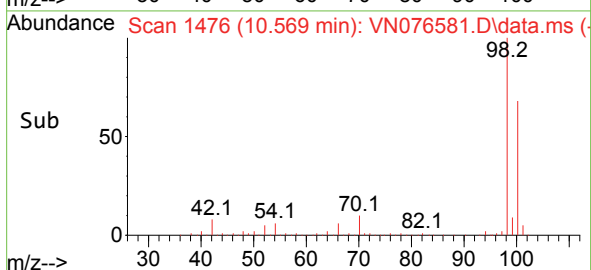
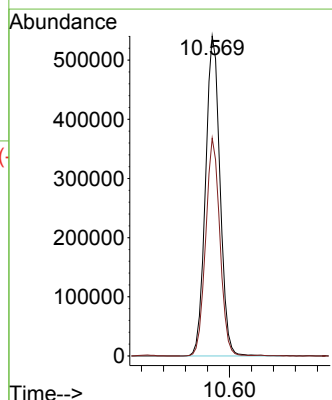
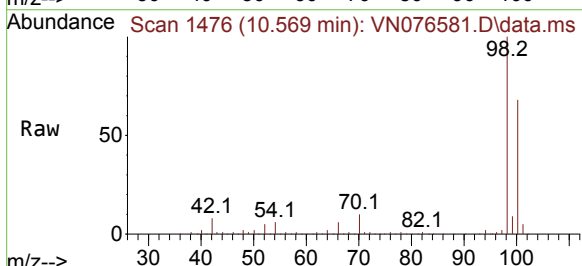
Acq: 08 Feb 2023 15:46

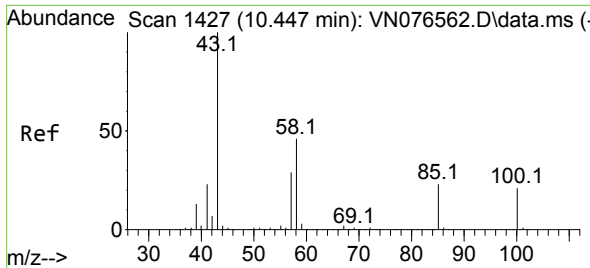
Tgt Ion: 98 Resp: 989123

Ion Ratio Lower Upper

98 100

100 66.7 52.9 79.3

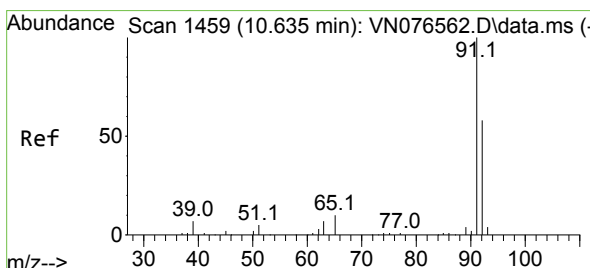
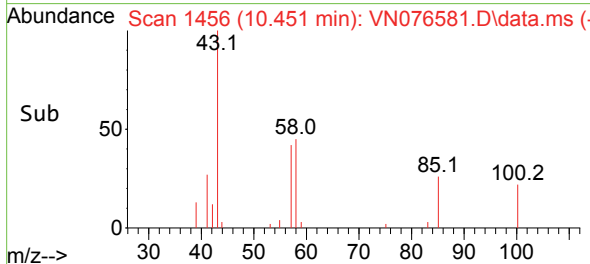
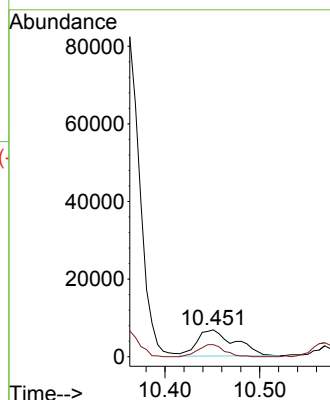
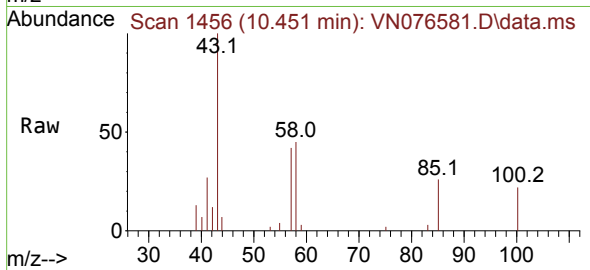




#51  
4-Methyl-2-Pentanone  
Concen: 3.262 ug/l  
RT: 10.451 min Scan# 1427  
Delta R.T. 0.004 min  
Lab File: VN076581.D  
Acq: 08 Feb 2023 15:46

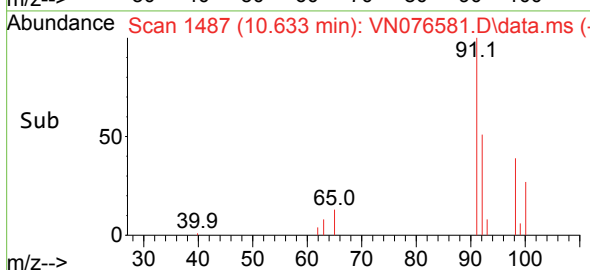
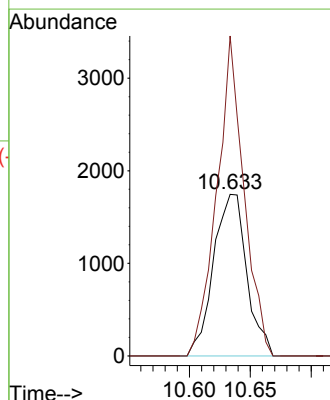
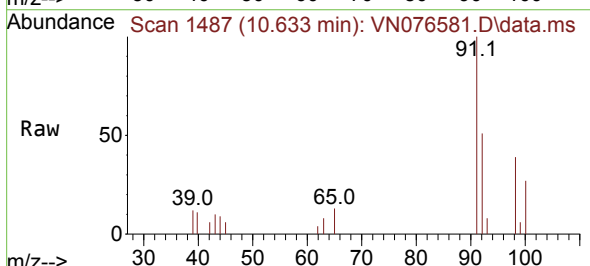
Instrument :  
MSVOA\_N  
ClientSampleId :  
TCLP-1

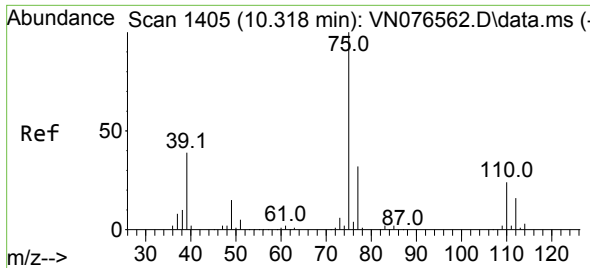
Tgt Ion: 43 Resp: 18699  
Ion Ratio Lower Upper  
43 100  
58 31.8 36.4 54.6#



#52  
Toluene  
Concen: 0.222 ug/l  
RT: 10.633 min Scan# 1487  
Delta R.T. -0.002 min  
Lab File: VN076581.D  
Acq: 08 Feb 2023 15:46

Tgt Ion: 92 Resp: 3317  
Ion Ratio Lower Upper  
92 100  
91 161.3 136.3 204.5

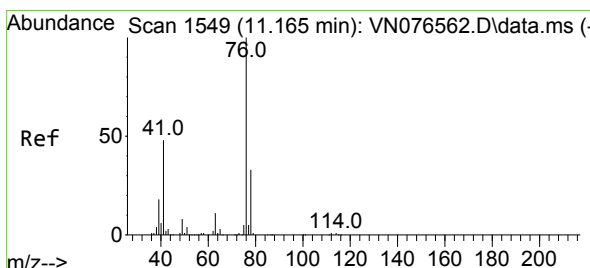
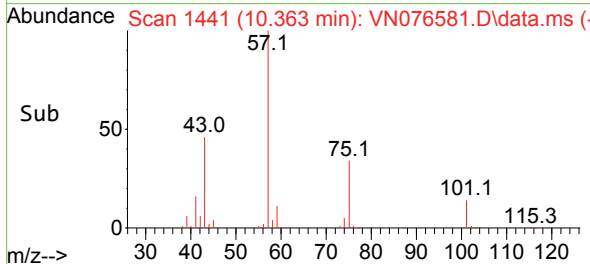
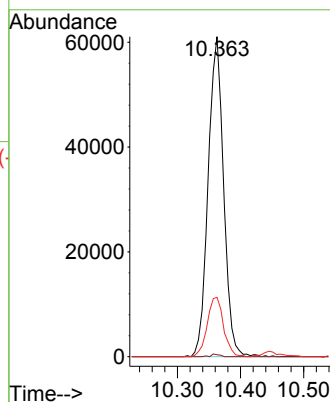
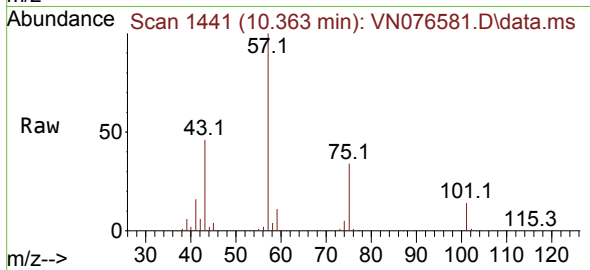




#54  
 cis-1,3-Dichloropropene  
 Concen: 11.643 ug/l  
 RT: 10.363 min Scan# 1405  
 Delta R.T. 0.045 min  
 Lab File: VN076581.D  
 Acq: 08 Feb 2023 15:46

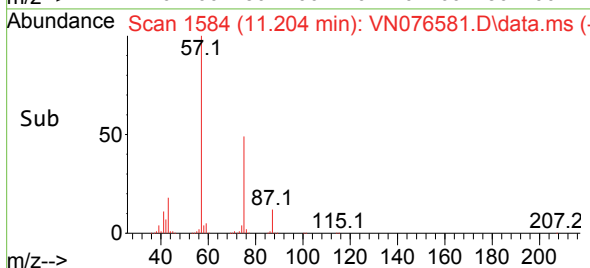
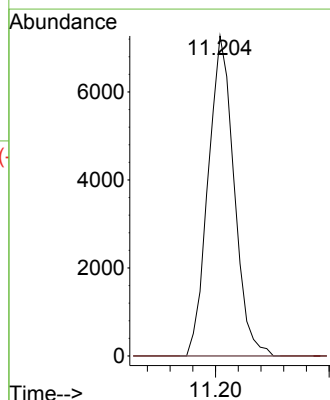
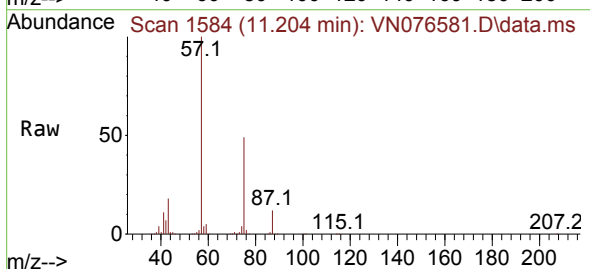
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TCLP-1

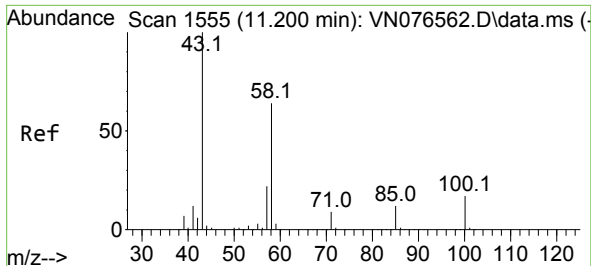
Tgt Ion: 75 Resp: 103665  
 Ion Ratio Lower Upper  
 75 100  
 77 0.6 25.4 38.0#  
 39 18.6 31.1 46.7#



#57  
 1,3-Dichloropropane  
 Concen: 1.215 ug/l  
 RT: 11.204 min Scan# 1584  
 Delta R.T. 0.039 min  
 Lab File: VN076581.D  
 Acq: 08 Feb 2023 15:46

Tgt Ion: 76 Resp: 11532  
 Ion Ratio Lower Upper  
 76 100  
 78 0.0 26.2 39.4#

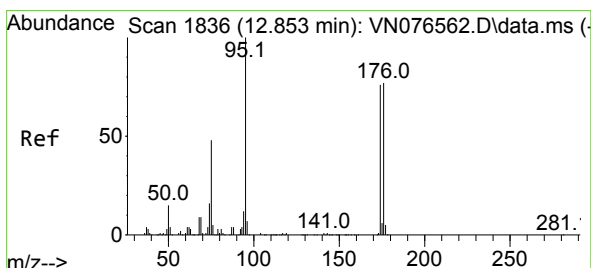
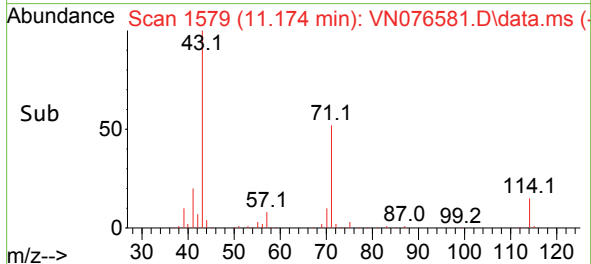
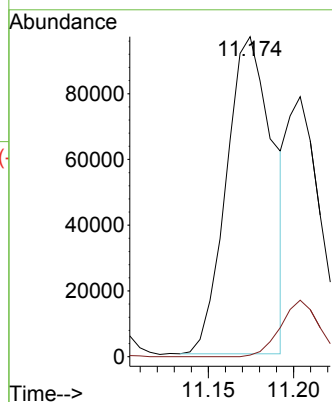
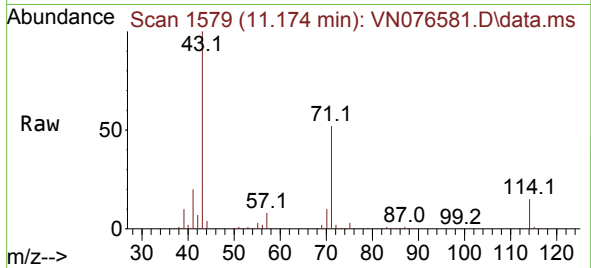




#59  
2-Hexanone  
Concen: 44.828 ug/l  
RT: 11.174 min Scan# 11579  
Delta R.T. -0.026 min  
Lab File: VN076581.D  
Acq: 08 Feb 2023 15:46

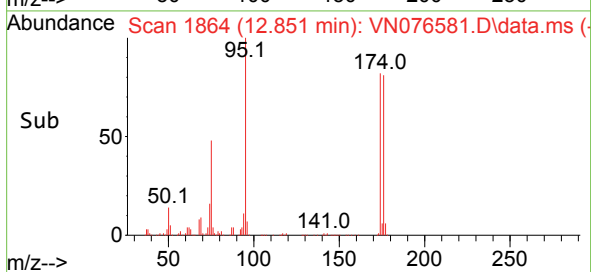
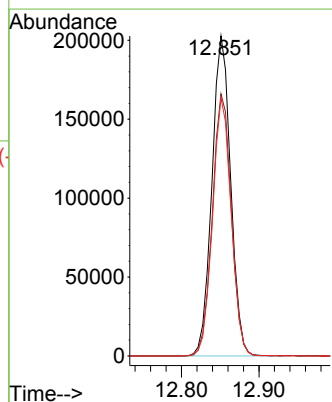
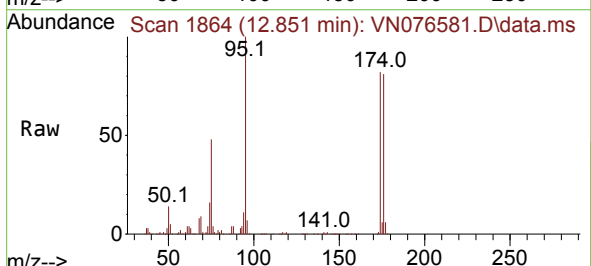
Instrument :  
MSVOA\_N  
ClientSampleId :  
TCLP-1

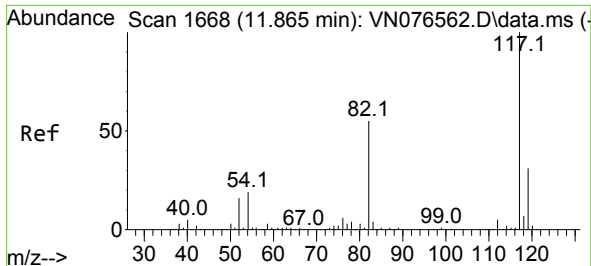
Tgt Ion: 43 Resp: 183214  
Ion Ratio Lower Upper  
43 100  
58 0.0 31.8 95.4#



#62  
4-Bromofluorobenzene  
Concen: 47.925 ug/l  
RT: 12.851 min Scan# 1864  
Delta R.T. -0.002 min  
Lab File: VN076581.D  
Acq: 08 Feb 2023 15:46

Tgt Ion: 95 Resp: 340382  
Ion Ratio Lower Upper  
95 100  
174 83.1 0.0 154.0  
176 80.1 0.0 152.0

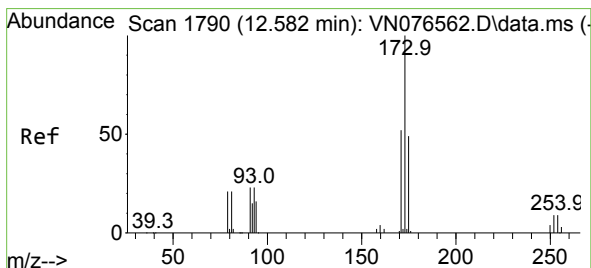
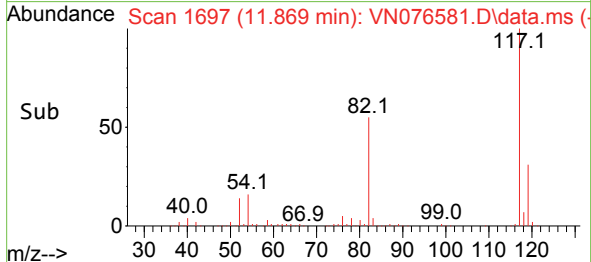
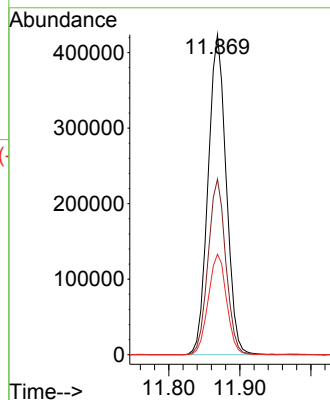
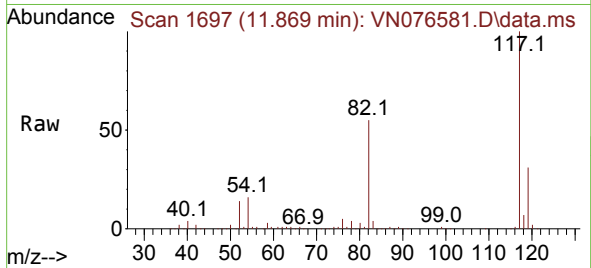




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.869 min Scan# 1  
Delta R.T. 0.004 min  
Lab File: VN076581.D  
Acq: 08 Feb 2023 15:46

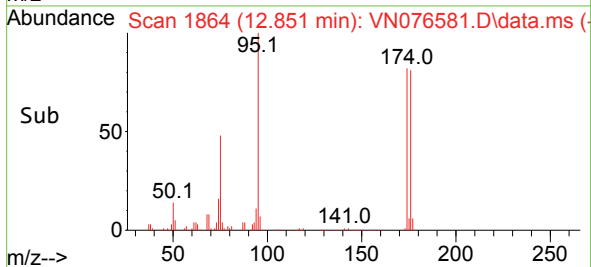
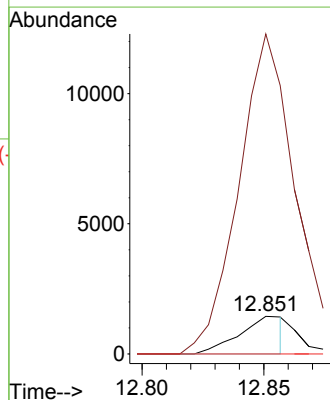
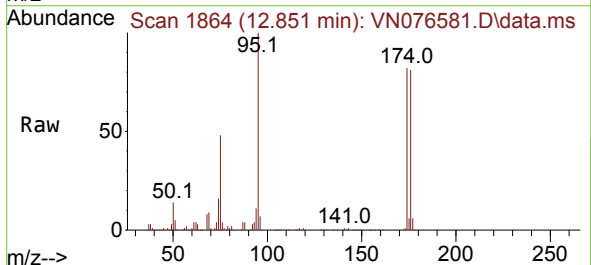
Instrument :  
MSVOA\_N  
ClientSampleId :  
TCLP-1

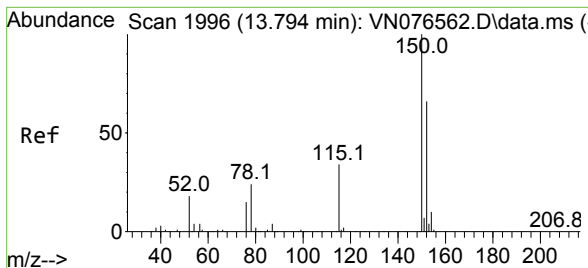
Tgt Ion:117 Resp: 749438  
Ion Ratio Lower Upper  
117 100  
82 54.9 44.2 66.4  
119 31.4 25.1 37.7



#71  
Bromoform  
Concen: 0.460 ug/l  
RT: 12.851 min Scan# 1864  
Delta R.T. 0.269 min  
Lab File: VN076581.D  
Acq: 08 Feb 2023 15:46

Tgt Ion:173 Resp: 1843  
Ion Ratio Lower Upper  
173 100  
175 827.7 24.8 74.3#  
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.792 min Scan# 20

Delta R.T. -0.002 min

Lab File: VN076581.D

Acq: 08 Feb 2023 15:46

Instrument :

MSVOA\_N

ClientSampleId :

TCLP-1

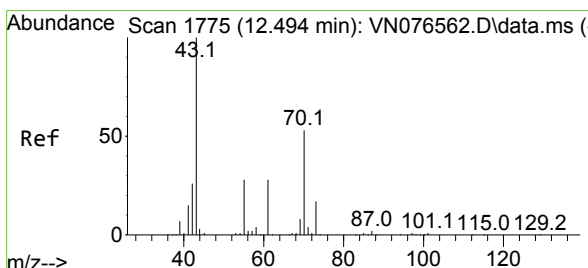
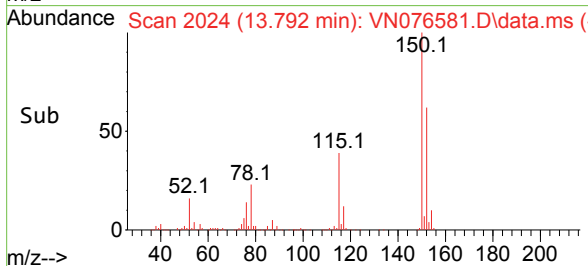
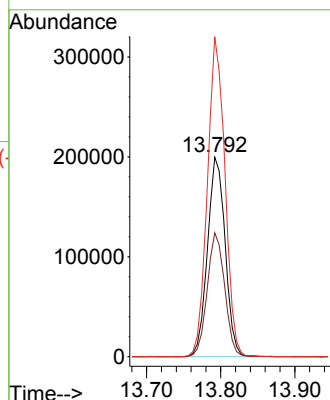
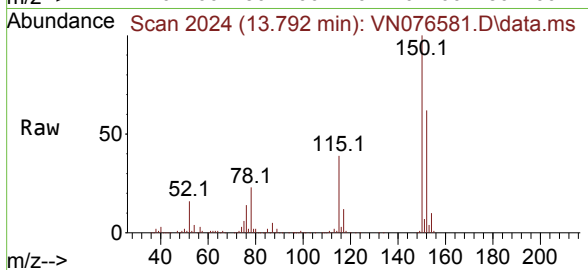
Tgt Ion:152 Resp: 331542

Ion Ratio Lower Upper

152 100

115 61.2 30.8 92.3

150 159.1 0.0 348.8



#74

N-ethyl acetate

Concen: 0.443 ug/l

RT: 12.498 min Scan# 1804

Delta R.T. 0.004 min

Lab File: VN076581.D

Acq: 08 Feb 2023 15:46

Tgt Ion: 43 Resp: 3353

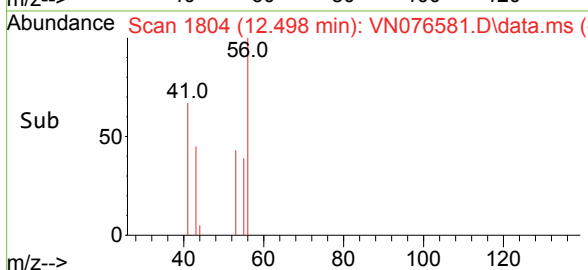
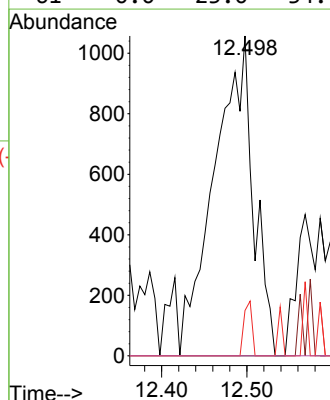
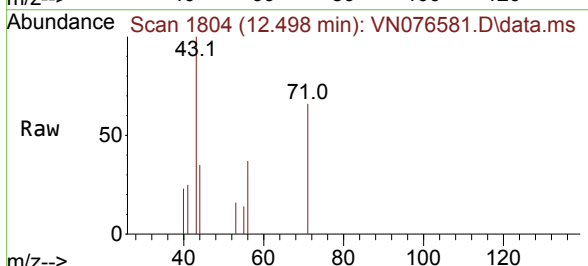
Ion Ratio Lower Upper

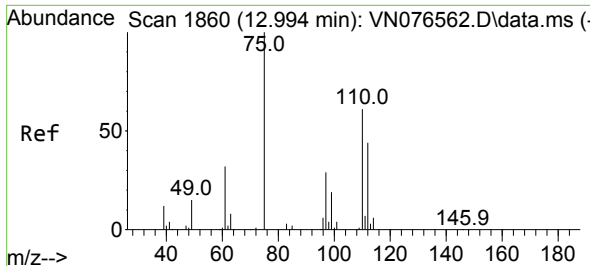
43 100

70 0.0 43.1 64.7#

55 3.5 22.4 33.6#

61 0.0 23.0 34.4#

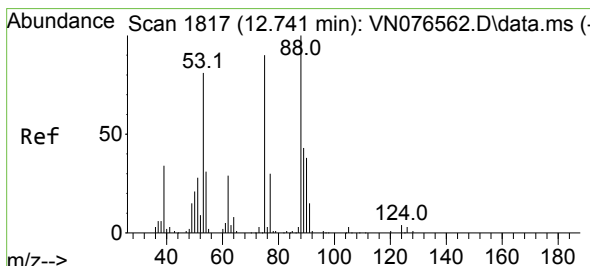
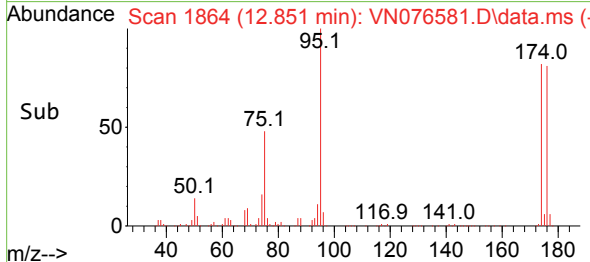
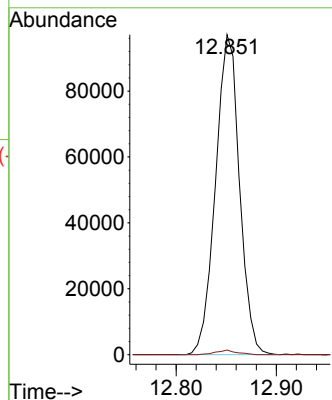
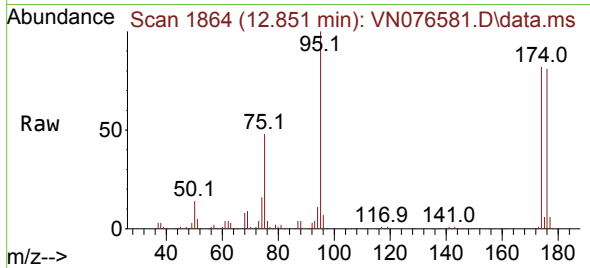




#76  
1,2,3-Trichloropropane  
Concen: 25.991 ug/l  
RT: 12.851 min Scan# 1864  
Delta R.T. -0.143 min  
Lab File: VN076581.D  
Acq: 08 Feb 2023 15:46

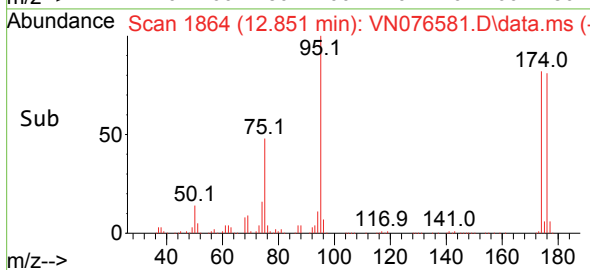
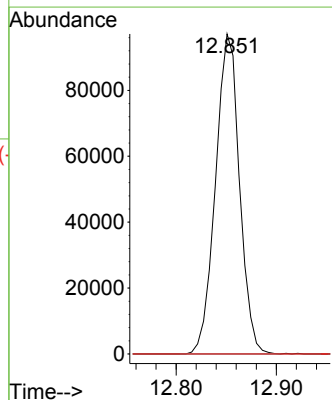
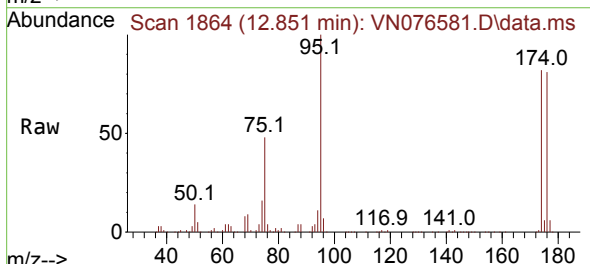
Instrument :  
MSVOA\_N  
ClientSampleId :  
TCLP-1

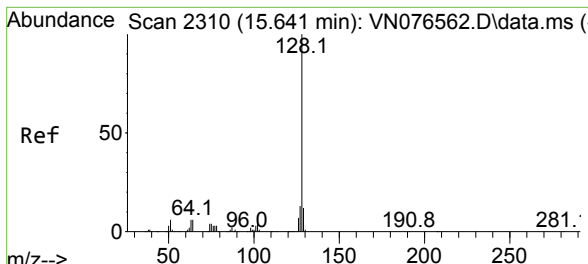
Tgt Ion: 75 Resp: 160775  
Ion Ratio Lower Upper  
75 100  
77 1.3 87.5 262.5#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 79.810 ug/l  
RT: 12.851 min Scan# 1864  
Delta R.T. 0.110 min  
Lab File: VN076581.D  
Acq: 08 Feb 2023 15:46

Tgt Ion: 75 Resp: 160775  
Ion Ratio Lower Upper  
75 100  
53 0.0 77.1 115.7#  
89 0.0 41.5 62.3#





#95  
 Naphthalene  
 Concen: 0.315 ug/l  
 RT: 15.639 min Scan# 21  
 Delta R.T. -0.002 min  
 Lab File: VN076581.D  
 Acq: 08 Feb 2023 15:46

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TCLP-1

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 4812  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 10.1  | 10.2  | 15.2# |
| 129      | 7.5   | 8.6   | 13.0# |

