

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN041922\  
 Data File : VN072052.D  
 Acq On : 19 Apr 2022 16:13  
 Operator : JC\MD  
 Sample : N2452-14  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-15-1-5

Quant Time: Apr 20 01:26:40 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N033022W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 31 01:57:54 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.081  | 168  | 616149   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.963  | 114  | 1065304  | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.739 | 117  | 1323598  | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.669 | 152  | 527055   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |           |
|-----------------------------|--------|-------|----------|----------|------|-----------|
| System Monitoring Compounds |        |       |          |          |      |           |
| 33) 1,2-Dichloroethane-d4   | 8.428  | 65    | 332884   | 47.325   | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =    | 94.640%   |
| 35) Dibromofluoromethane    | 8.016  | 113   | 287694   | 45.894   | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =    | 91.780%   |
| 50) Toluene-d8              | 10.433 | 98    | 1444194  | 56.317   | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =    | 112.640%  |
| 62) 4-Bromofluorobenzene    | 12.727 | 95    | 564788   | 68.099   | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =    | 136.200%# |

|                             |        |     |        |           |        |    |
|-----------------------------|--------|-----|--------|-----------|--------|----|
| Target Compounds            |        |     |        |           | Qvalue |    |
| 3) Chloromethane            | 2.293  | 50  | 2201   | 0.355     | ug/l   | 98 |
| 5) Bromomethane             | 2.810  | 94  | 1216   | 0.274     | ug/l   | 82 |
| 6) Chloroethane             | 2.904  | 64  | 1963   | 0.400     | ug/l # | 42 |
| 11) Tert butyl alcohol      | 5.322  | 59  | 2808   | 2.460     | ug/l # | 72 |
| 13) Acrolein                | 4.040  | 56  | 454    | 0.326     | ug/l # | 50 |
| 14) Allyl chloride          | 5.081  | 41  | 9038   | 1.095     | ug/l # | 24 |
| 16) Acetone                 | 4.281  | 43  | 76992  | 25.612    | ug/l   | 99 |
| 17) Carbon Disulfide        | 4.516  | 76  | 2440   | 0.209     | ug/l # | 75 |
| 18) Methyl Acetate          | 4.857  | 43  | 19761  | 1.176     | ug/l   | 95 |
| 20) Methylene Chloride      | 5.081  | 84  | 296074 | 46.728    | ug/l   | 97 |
| 25) 2-Butanone              | 7.340  | 43  | 13141  | 3.032     | ug/l   | 96 |
| 31) Cyclohexane             | 8.081  | 56  | 14068  | 1.471     | ug/l # | 22 |
| 36) 1,1-Dichloropropene     | 8.081  | 75  | 40501  | 4.627     | ug/l # | 47 |
| 38) Carbon Tetrachloride    | 8.075  | 117 | 54397  | 6.340     | ug/l # | 16 |
| 39) Methylcyclohexane       | 9.457  | 83  | 10304  | 0.989     | ug/l   | 97 |
| 43) Isopropyl Acetate       | 8.557  | 43  | 98155  | 6.159     | ug/l # | 75 |
| 45) 1,2-Dichloropropane     | 9.616  | 63  | 4565   | 0.661     | ug/l # | 44 |
| 48) Methyl methacrylate     | 9.539  | 41  | 16138  | 2.441     | ug/l # | 11 |
| 49) 1,4-Dioxane             | 9.610  | 88  | 532    | Below Cal | #      | 1  |
| 51) 4-Methyl-2-Pentanone    | 10.322 | 43  | 11860  | 1.294     | ug/l # | 87 |
| 52) Toluene                 | 10.498 | 92  | 16532  | 0.946     | ug/l   | 93 |
| 54) cis-1,3-Dichloropropene | 10.239 | 75  | 91793  | 8.585     | ug/l # | 58 |
| 55) 1,1,2-Trichloroethane   | 10.869 | 97  | 2718   | 0.378     | ug/l # | 24 |
| 57) 1,3-Dichloropropane     | 11.086 | 76  | 57915  | 4.815     | ug/l # | 43 |
| 59) 2-Hexanone              | 11.086 | 43  | 696916 | 108.029   | ug/l # | 48 |
| 65) Chlorobenzene           | 11.763 | 112 | 7965   | 0.301     | ug/l   | 92 |
| 67) Ethyl Benzene           | 11.839 | 91  | 113980 | 2.540     | ug/l   | 99 |
| 68) m/p-Xylenes             | 11.945 | 106 | 298697 | 17.327    | ug/l   | 99 |
| 69) o-Xylene                | 12.274 | 106 | 211324 | 12.351    | ug/l   | 97 |
| 70) Styrene                 | 12.274 | 104 | 11000  | 0.424     | ug/l # | 1  |
| 73) Isopropylbenzene        | 12.574 | 105 | 96894  | 2.182     | ug/l   | 97 |
| 74) N-amyl acetate          | 12.351 | 43  | 5180   | 0.407     | ug/l # | 68 |
| 76) 1,2,3-Trichloropropane  | 12.727 | 75  | 269135 | 22.043    | ug/l # | 1  |
| 78) n-propylbenzene         | 12.916 | 91  | 110078 | 2.356     | ug/l   | 99 |
| 79) 2-Chlorotoluene         | 12.974 | 91  | 49974  | 1.668     | ug/l # | 41 |
| 80) 1,3,5-Trimethylbenzene  | 13.051 | 105 | 373527 | 10.615    | ug/l   | 99 |

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 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-15-1-5

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 Quant Title : SW846 8260  
 QLast Update : Thu Mar 31 01:57:54 2022  
 Response via : Initial Calibration

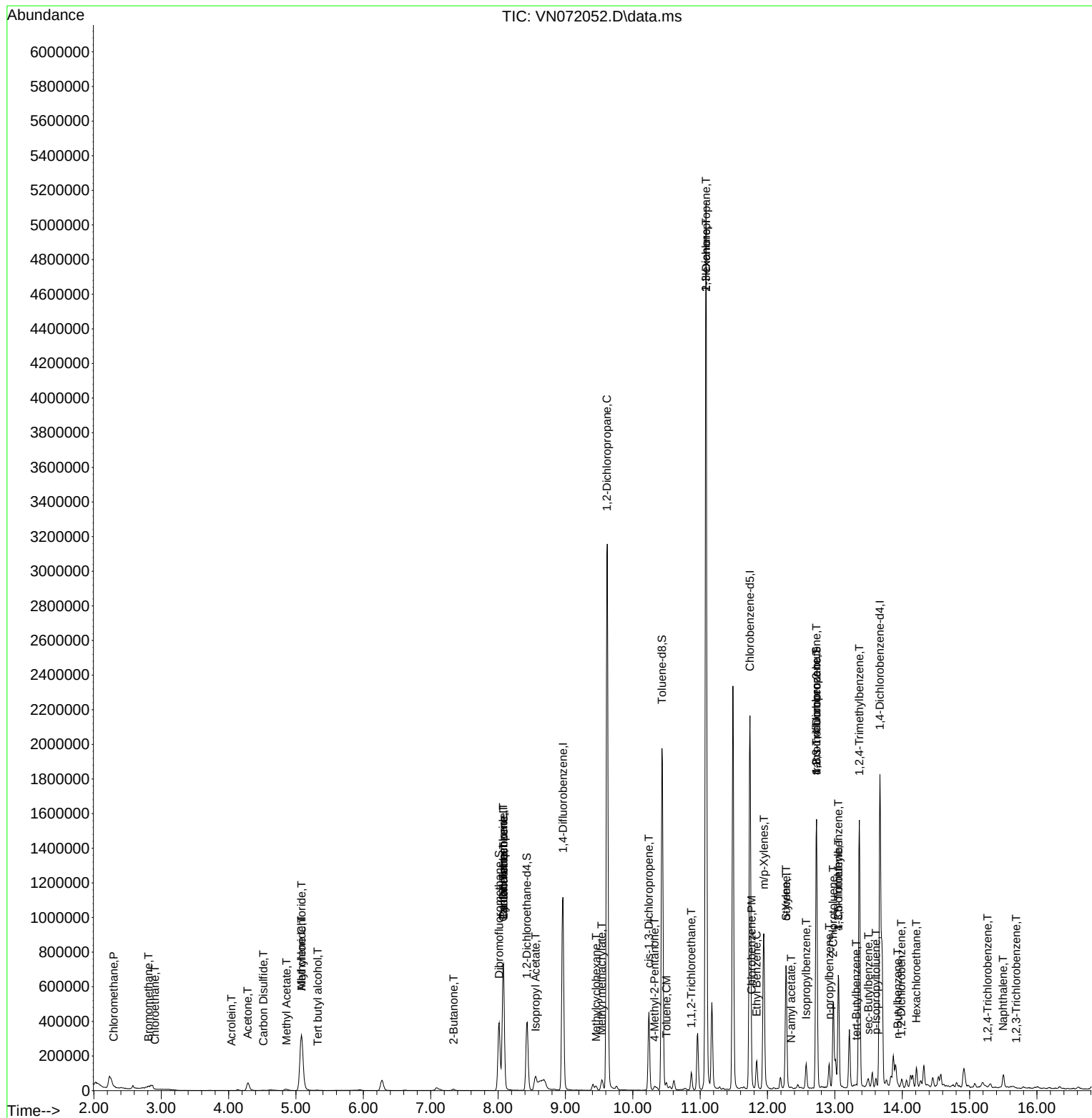
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| 81) trans-1,4-Dichloro-2-b... | 12.727 | 75   | 269135   | 68.310 | ug/l # | 11       |
| 82) 4-Chlorotoluene           | 13.051 | 91   | 35633    | 1.283  | ug/l # | 40       |
| 83) tert-Butylbenzene         | 13.316 | 119  | 7548     | 0.235  | ug/l   | 93       |
| 84) 1,2,4-Trimethylbenzene    | 13.363 | 105  | 904827   | 26.354 | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.498 | 105  | 29682    | 0.712  | ug/l # | 74       |
| 86) p-Isopropyltoluene        | 13.610 | 119  | 26918    | 0.810  | ug/l   | 97       |
| 89) n-Butylbenzene            | 13.933 | 91   | 8690     | 0.352  | ug/l # | 62       |
| 90) Hexachloroethane          | 14.210 | 117  | 6876     | 1.130  | ug/l # | 9        |
| 91) 1,2-Dichlorobenzene       | 13.986 | 146  | 6530     | 0.375  | ug/l   | 88       |
| 93) 1,2,4-Trichlorobenzene    | 15.268 | 180  | 316      | 2.122  | ug/l # | 60       |
| 95) Naphthalene               | 15.498 | 128  | 77108    | 6.771  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.692 | 180  | 193      | 2.437  | ug/l # | 66       |
| -----                         |        |      |          |        |        |          |

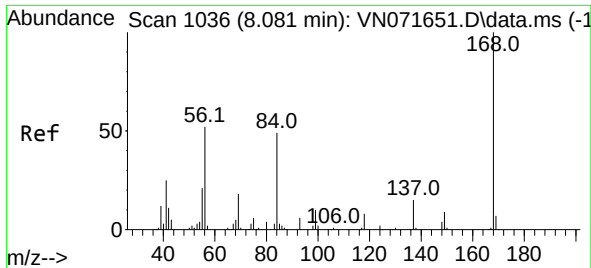
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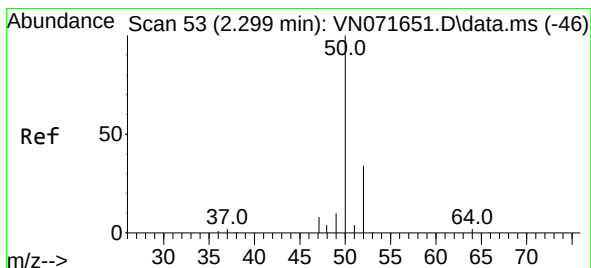
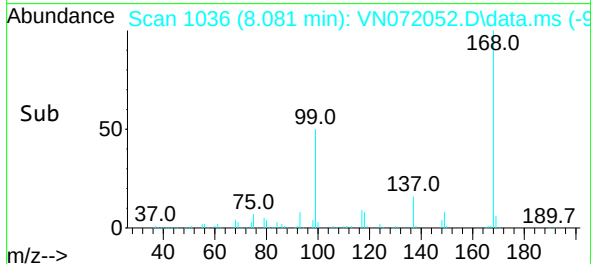
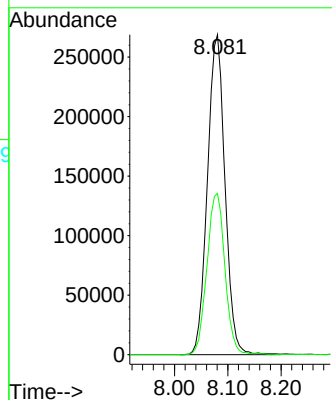
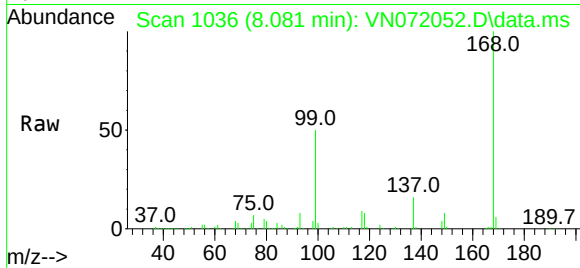




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.081 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VN072052.D  
Acq: 19 Apr 2022 16:13

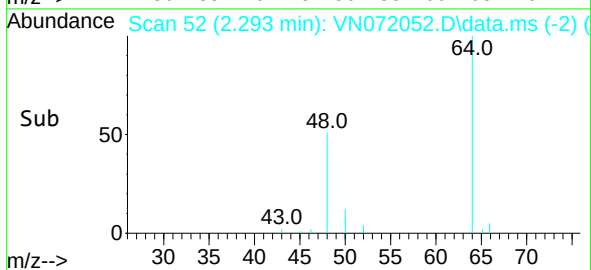
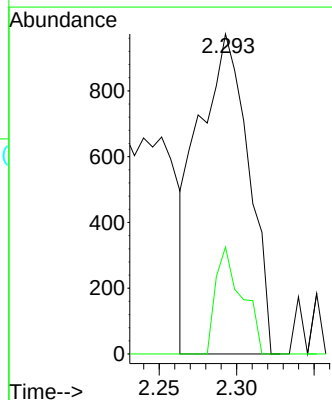
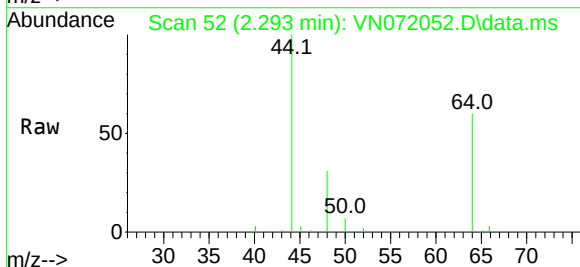
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-5

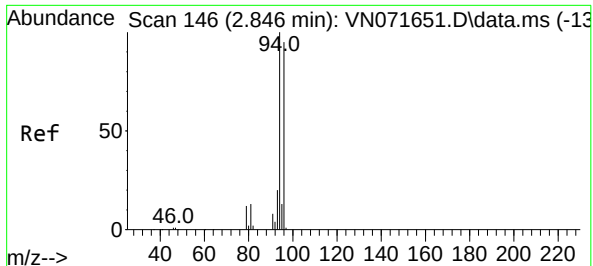
Tgt Ion:168 Resp: 616149  
Ion Ratio Lower Upper  
168 100  
99 50.4 42.3 63.5



#3  
Chloromethane  
Concen: 0.355 ug/l  
RT: 2.293 min Scan# 52  
Delta R.T. -0.006 min  
Lab File: VN072052.D  
Acq: 19 Apr 2022 16:13

Tgt Ion: 50 Resp: 2201  
Ion Ratio Lower Upper  
50 100  
52 33.4 25.7 38.5

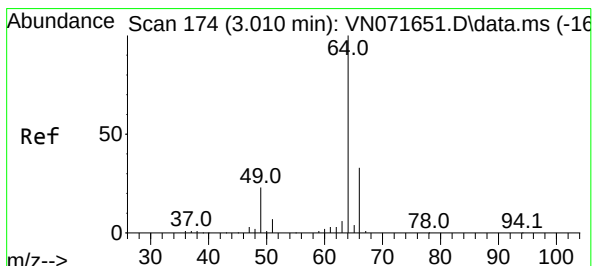
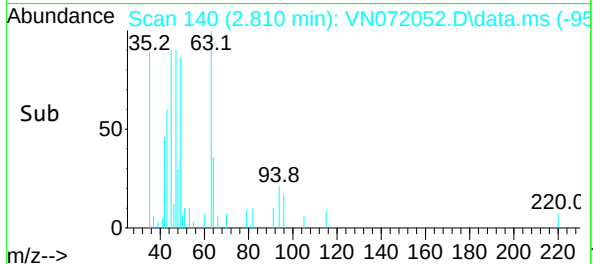
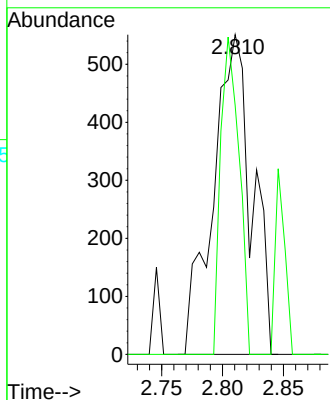
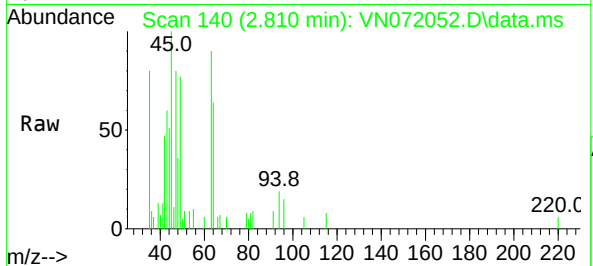




#5  
Bromomethane  
Concen: 0.274 ug/l  
RT: 2.810 min Scan# 146  
Delta R.T. -0.036 min  
Lab File: VN072052.D  
Acq: 19 Apr 2022 16:13

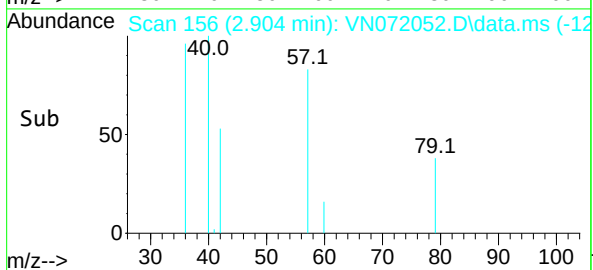
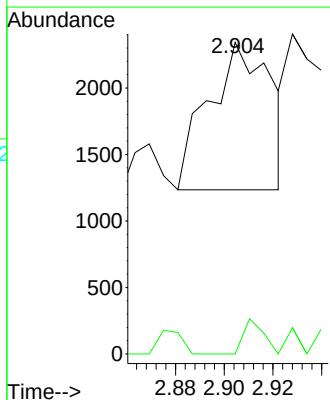
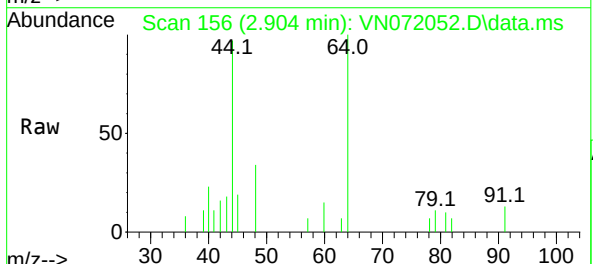
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-5

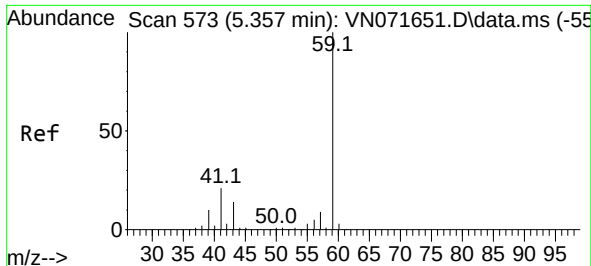
Tgt Ion: 94 Resp: 1216  
Ion Ratio Lower Upper  
94 100  
96 77.9 76.0 114.0



#6  
Chloroethane  
Concen: 0.400 ug/l  
RT: 2.904 min Scan# 156  
Delta R.T. -0.106 min  
Lab File: VN072052.D  
Acq: 19 Apr 2022 16:13

Tgt Ion: 64 Resp: 1963  
Ion Ratio Lower Upper  
64 100  
66 0.0 26.2 39.4#

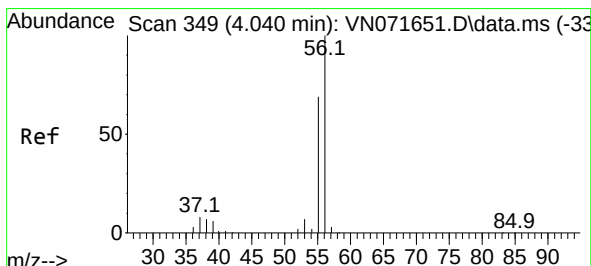
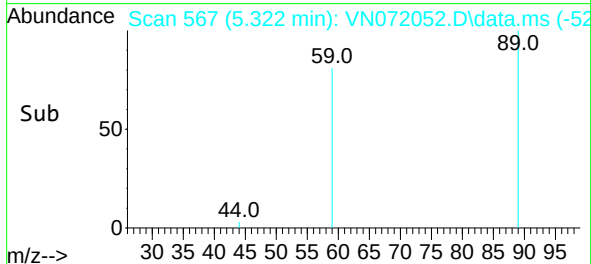
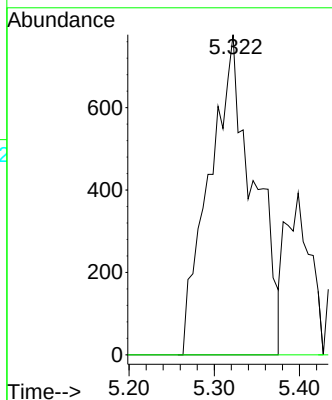
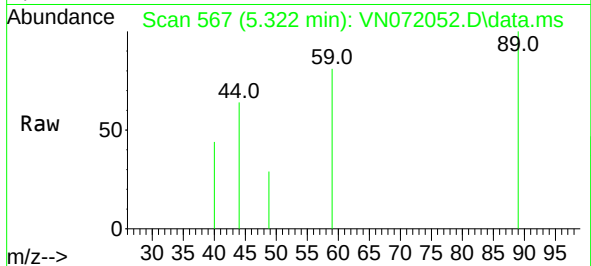




#11  
Tert butyl alcohol  
Concen: 2.460 ug/l  
RT: 5.322 min Scan# 51  
Delta R.T. -0.035 min  
Lab File: VN072052.D  
Acq: 19 Apr 2022 16:13

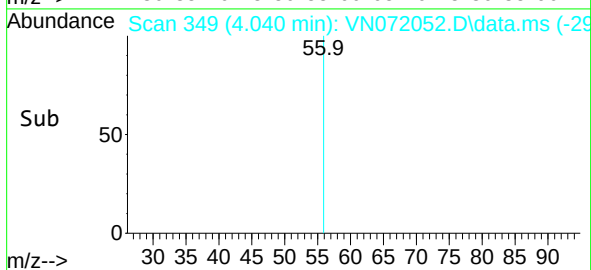
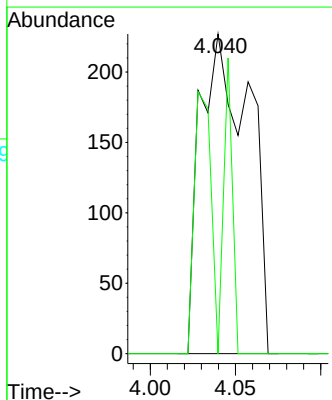
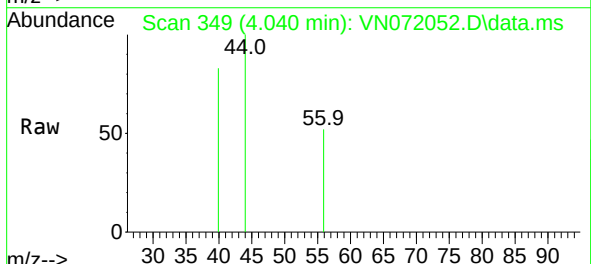
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-5

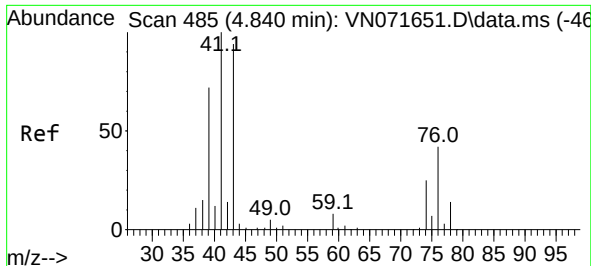
Tgt Ion: 59 Resp: 2808  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.3 12.5#



#13  
Acrolein  
Concen: 0.326 ug/l  
RT: 4.040 min Scan# 349  
Delta R.T. -0.000 min  
Lab File: VN072052.D  
Acq: 19 Apr 2022 16:13

Tgt Ion: 56 Resp: 454  
Ion Ratio Lower Upper  
56 100  
55 28.0 54.8 82.2#

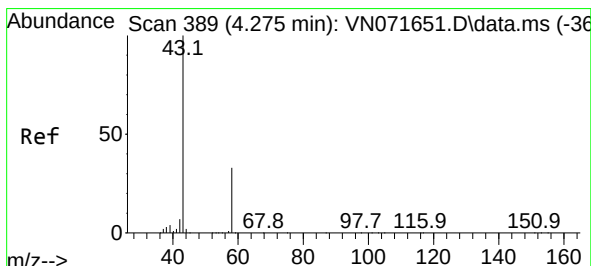
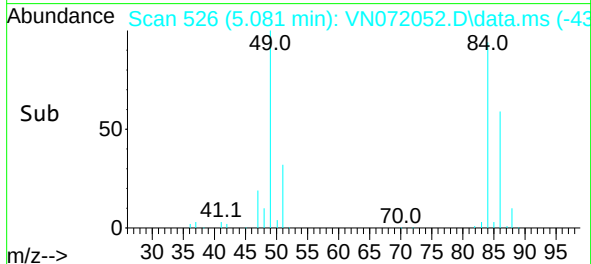
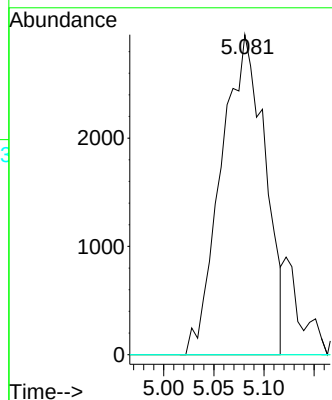
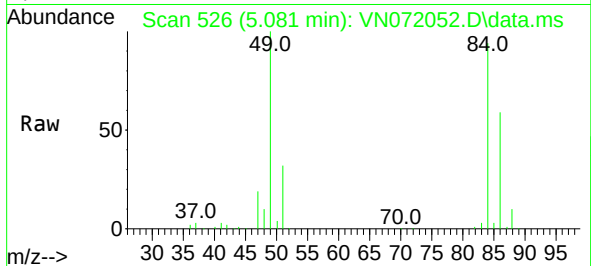




#14  
Allyl chloride  
Concen: 1.095 ug/l  
RT: 5.081 min Scan# 51  
Delta R.T. 0.241 min  
Lab File: VN072052.D  
Acq: 19 Apr 2022 16:13

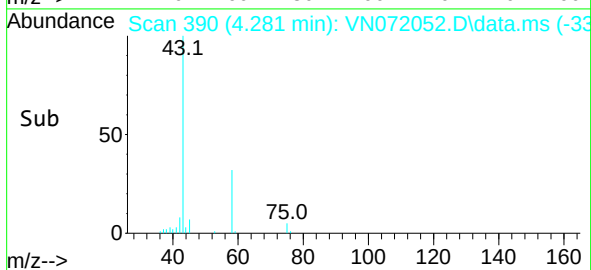
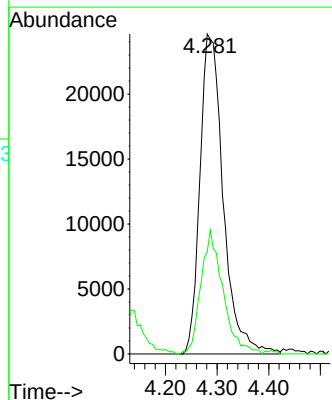
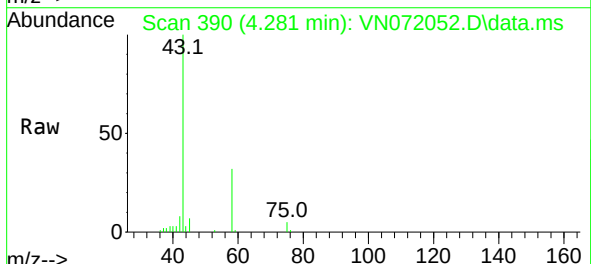
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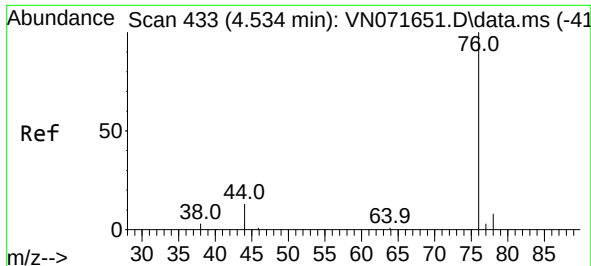
Tgt Ion: 41 Resp: 9038  
Ion Ratio Lower Upper  
41 100  
39 0.0 53.2 79.8#  
76 0.0 29.9 44.9#



#16  
Acetone  
Concen: 25.612 ug/l  
RT: 4.281 min Scan# 390  
Delta R.T. 0.006 min  
Lab File: VN072052.D  
Acq: 19 Apr 2022 16:13

Tgt Ion: 43 Resp: 76992  
Ion Ratio Lower Upper  
43 100  
58 31.9 26.0 39.0

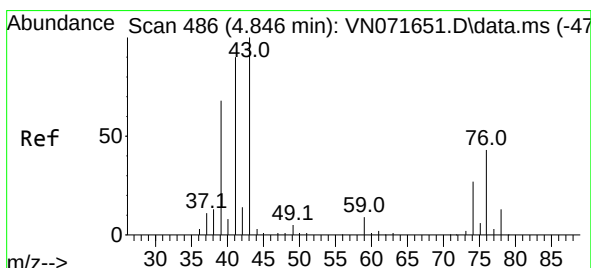
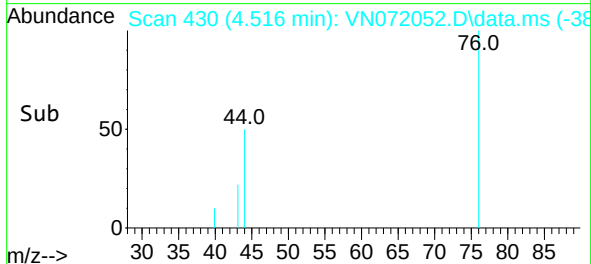
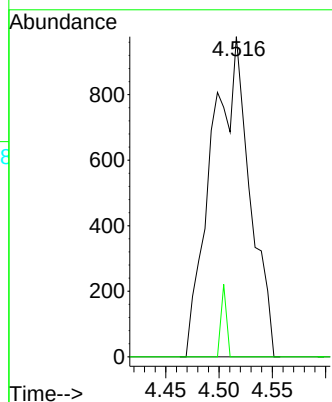
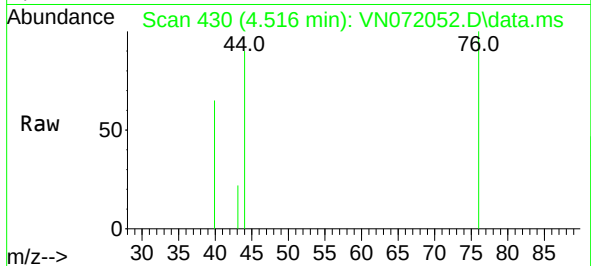




#17  
Carbon Disulfide  
Concen: 0.209 ug/l  
RT: 4.516 min Scan# 41  
Delta R.T. -0.018 min  
Lab File: VN072052.D  
Acq: 19 Apr 2022 16:13

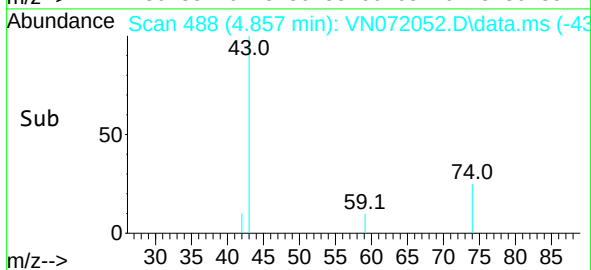
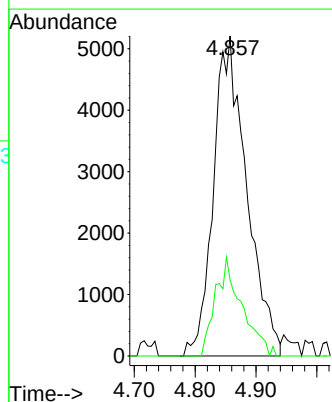
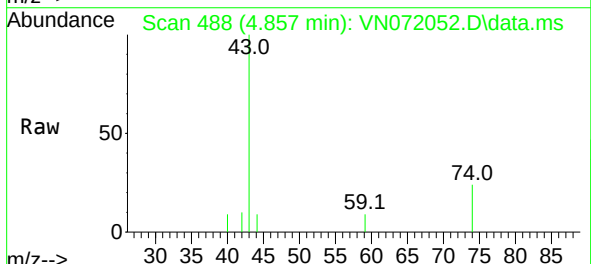
Instrument :  
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WC-15-1-5

Tgt Ion: 76 Resp: 2440  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.2 10.8#

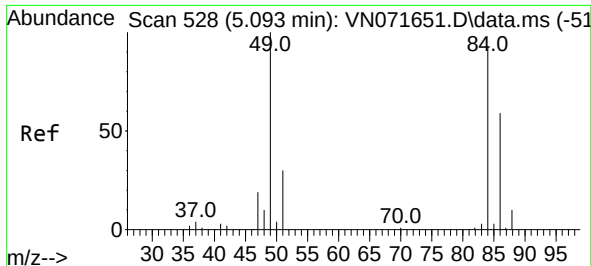


#18  
Methyl Acetate  
Concen: 1.176 ug/l  
RT: 4.857 min Scan# 488  
Delta R.T. 0.011 min  
Lab File: VN072052.D  
Acq: 19 Apr 2022 16:13

Tgt Ion: 43 Resp: 19761  
Ion Ratio Lower Upper  
43 100  
74 24.6 21.6 32.4





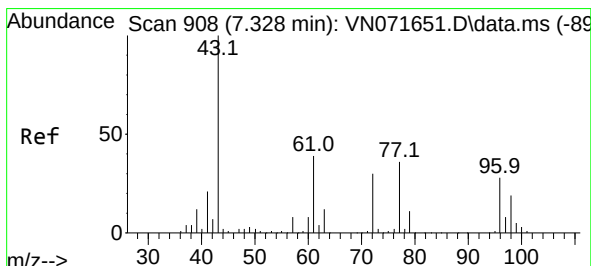
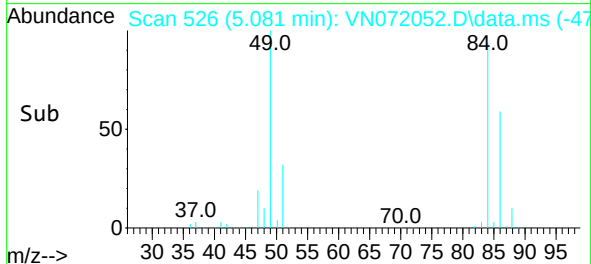
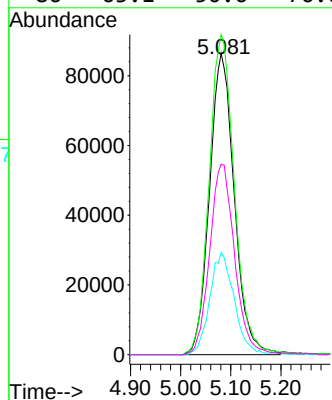
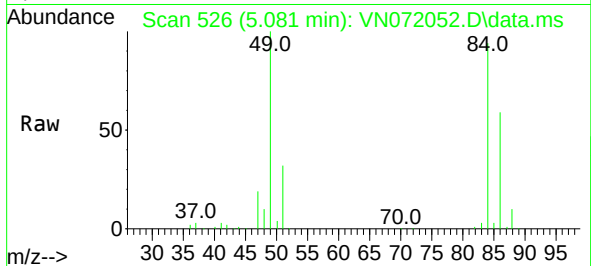


#20  
Methylene Chloride  
Concen: 46.728 ug/l  
RT: 5.081 min Scan# 51  
Delta R.T. -0.012 min  
Lab File: VN072052.D  
Acq: 19 Apr 2022 16:13

Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-5

Tgt Ion: 84 Resp: 296074

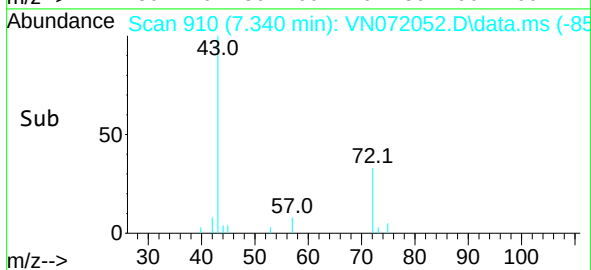
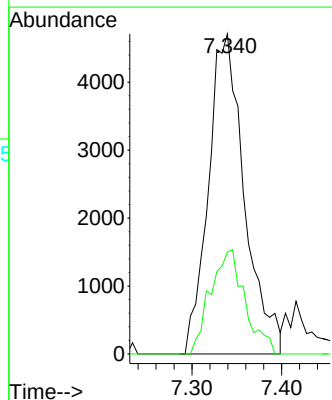
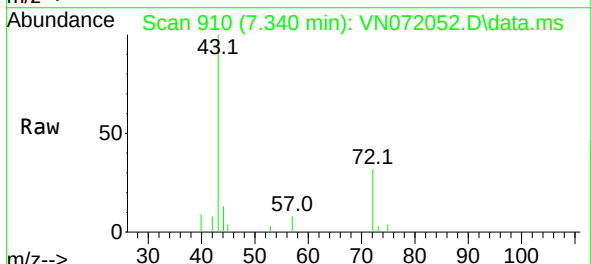
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 106.1 | 88.3  | 132.5 |
| 51  | 33.9  | 28.2  | 42.2  |
| 86  | 63.1  | 50.6  | 76.0  |

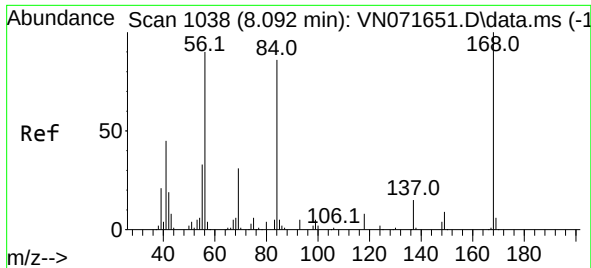


#25  
2-Butanone  
Concen: 3.032 ug/l  
RT: 7.340 min Scan# 910  
Delta R.T. 0.011 min  
Lab File: VN072052.D  
Acq: 19 Apr 2022 16:13

Tgt Ion: 43 Resp: 13141

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 72  | 31.8  | 23.7  | 35.5  |

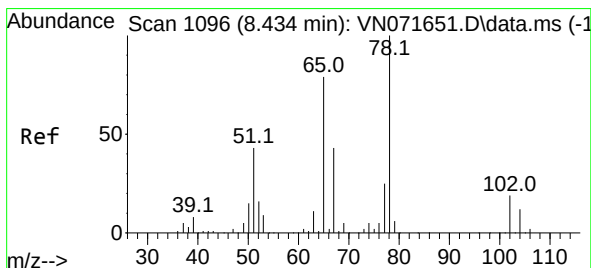
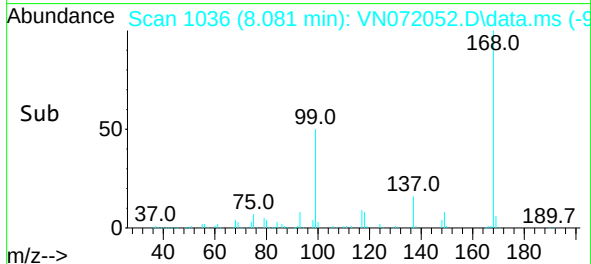
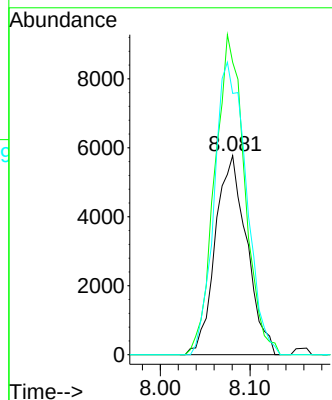
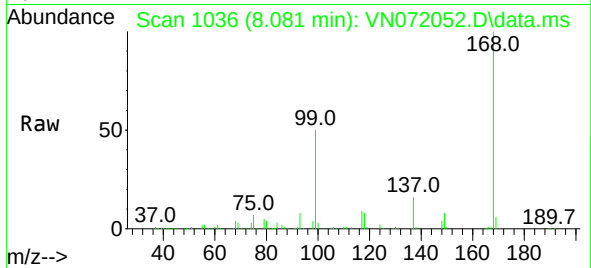




#31  
Cyclohexane  
Concen: 1.471 ug/l  
RT: 8.081 min Scan# 1036  
Delta R.T. -0.011 min  
Lab File: VN072052.D  
Acq: 19 Apr 2022 16:13

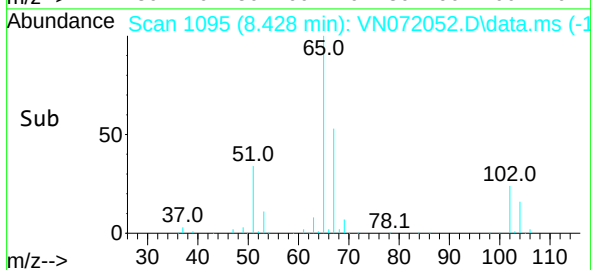
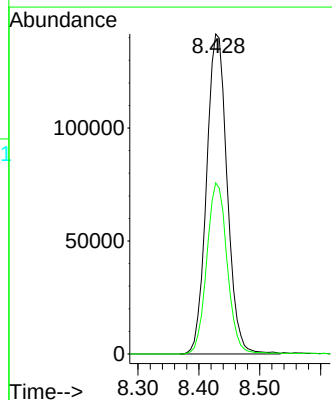
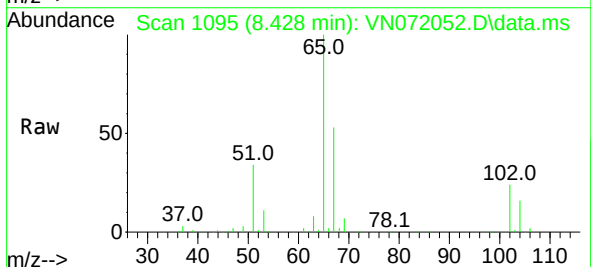
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-5

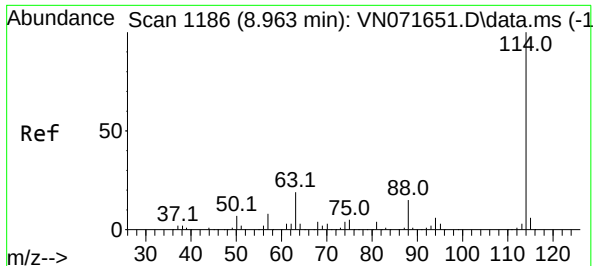
Tgt Ion: 56 Resp: 14068  
Ion Ratio Lower Upper  
56 100  
69 146.8 27.8 41.8#  
84 131.3 76.9 115.3#



#33  
1,2-Dichloroethane-d4  
Concen: 47.325 ug/l  
RT: 8.428 min Scan# 1095  
Delta R.T. -0.006 min  
Lab File: VN072052.D  
Acq: 19 Apr 2022 16:13

Tgt Ion: 65 Resp: 332884  
Ion Ratio Lower Upper  
65 100  
67 53.0 0.0 104.8

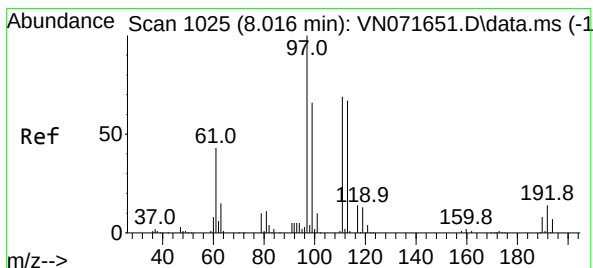
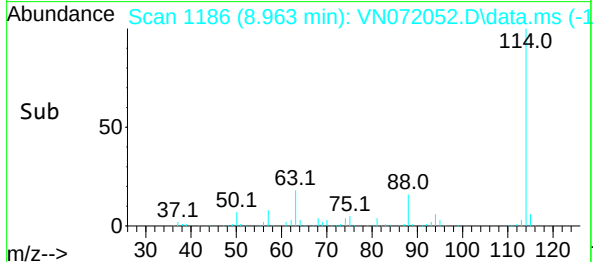
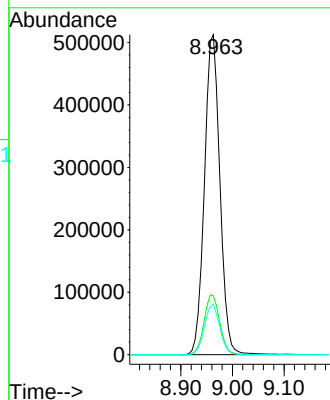
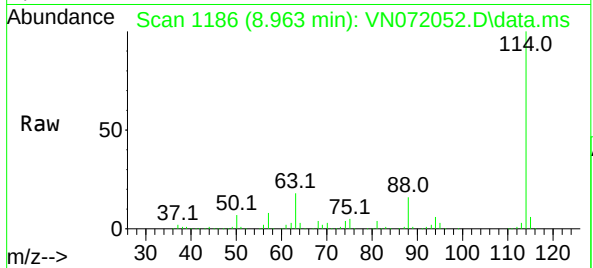




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.963 min Scan# 1186  
Delta R.T. -0.000 min  
Lab File: VN072052.D  
Acq: 19 Apr 2022 16:13

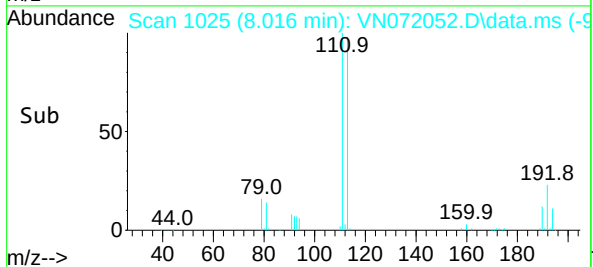
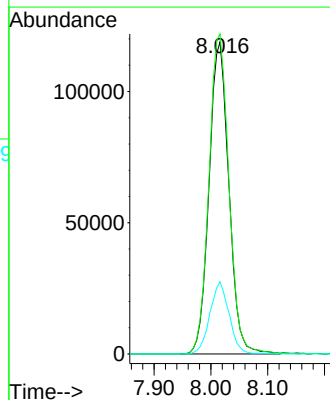
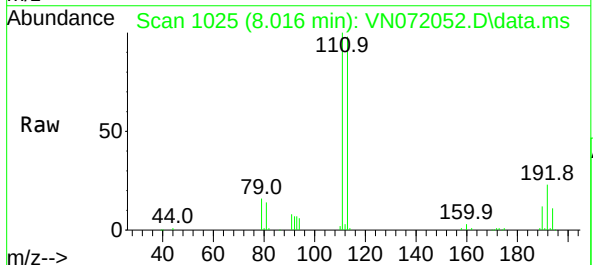
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-5

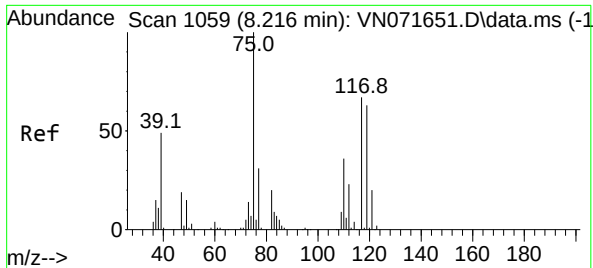
Tgt Ion:114 Resp: 1065304  
Ion Ratio Lower Upper  
114 100  
63 18.5 0.0 40.0  
88 15.7 0.0 32.6



#35  
Dibromofluoromethane  
Concen: 45.894 ug/l  
RT: 8.016 min Scan# 1025  
Delta R.T. -0.000 min  
Lab File: VN072052.D  
Acq: 19 Apr 2022 16:13

Tgt Ion:113 Resp: 287694  
Ion Ratio Lower Upper  
113 100  
111 103.8 81.4 122.0  
192 22.5 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.627 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN072052.D

Acq: 19 Apr 2022 16:13

Instrument :

MSVOA\_N

ClientSampleId :

WC-15-1-5

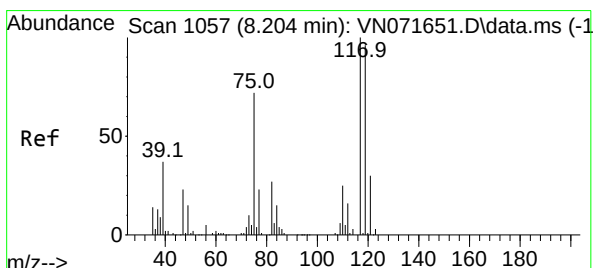
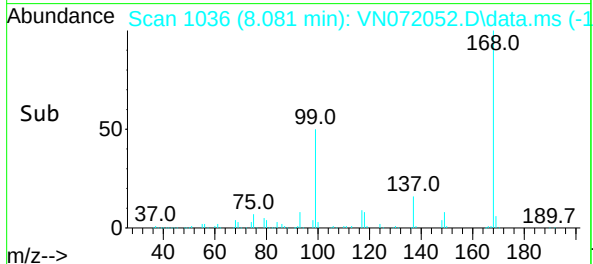
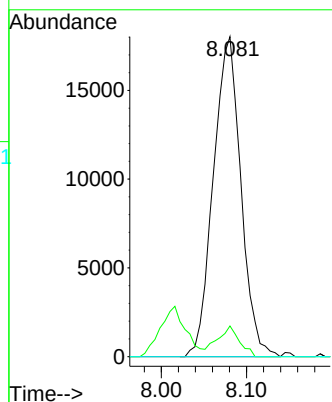
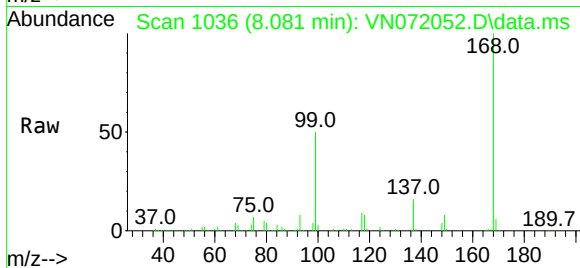
Tgt Ion: 75 Resp: 40501

Ion Ratio Lower Upper

75 100

110 7.6 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.340 ug/l

RT: 8.075 min Scan# 1035

Delta R.T. -0.129 min

Lab File: VN072052.D

Acq: 19 Apr 2022 16:13

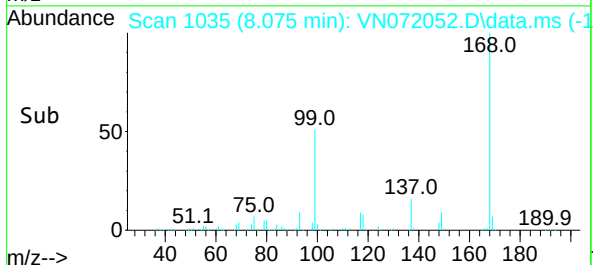
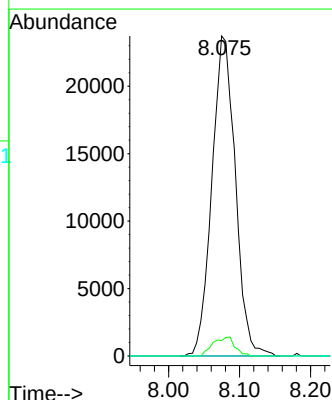
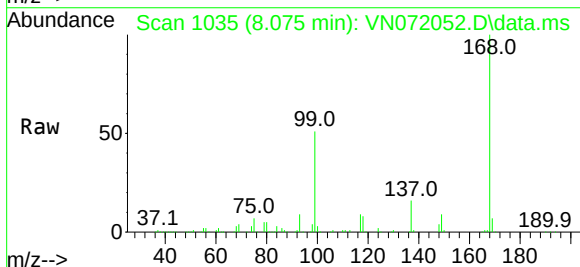
Tgt Ion: 117 Resp: 54397

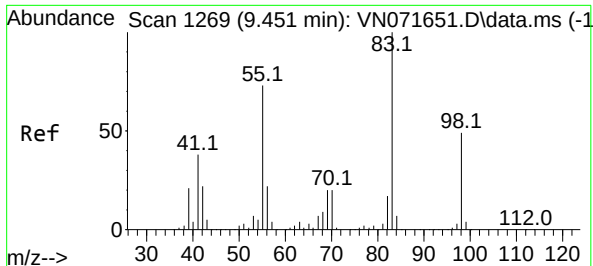
Ion Ratio Lower Upper

117 100

119 4.8 75.8 113.8#

121 0.0 24.6 37.0#





#39

Methylcyclohexane

Concen: 0.989 ug/l

RT: 9.457 min Scan# 1117

Delta R.T. 0.006 min

Lab File: VN072052.D

Acq: 19 Apr 2022 16:13

Instrument :

MSVOA\_N

ClientSampleId :

WC-15-1-5

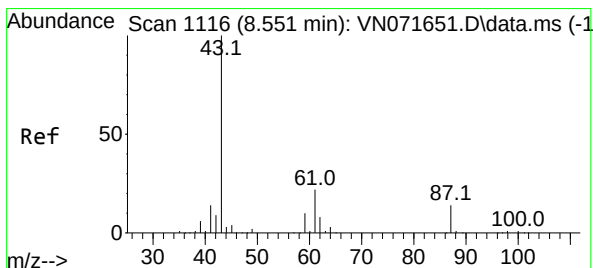
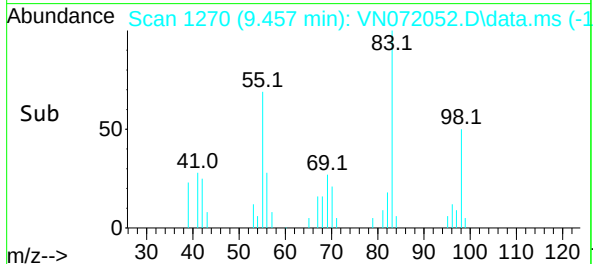
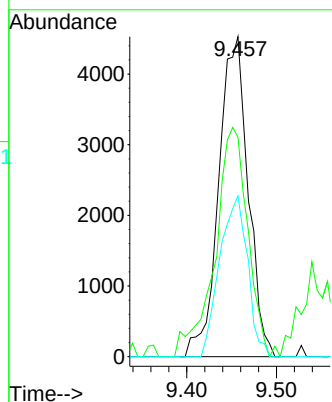
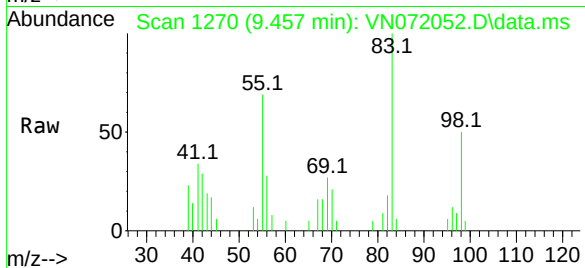
Tgt Ion: 83 Resp: 10304

Ion Ratio Lower Upper

83 100

55 68.6 57.8 86.8

98 50.3 39.4 59.2



#43

Isopropyl Acetate

Concen: 6.159 ug/l

RT: 8.557 min Scan# 1117

Delta R.T. 0.006 min

Lab File: VN072052.D

Acq: 19 Apr 2022 16:13

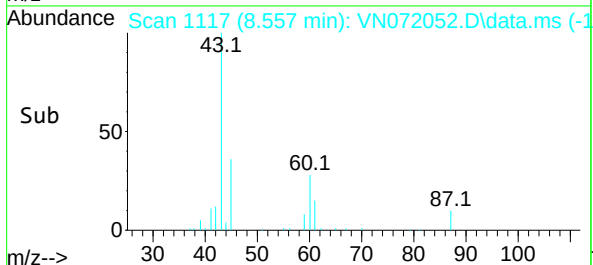
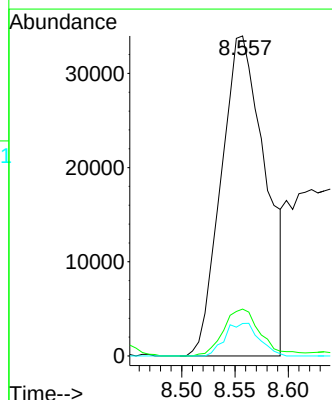
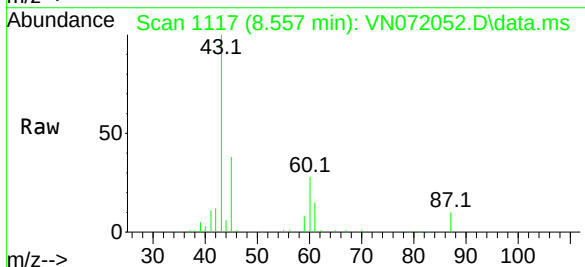
Tgt Ion: 43 Resp: 98155

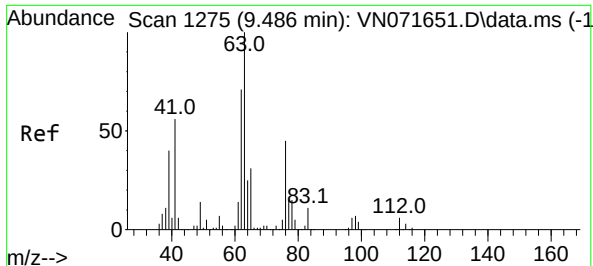
Ion Ratio Lower Upper

43 100

61 12.4 21.9 32.9#

87 7.9 12.0 18.0#





#45

1,2-Dichloropropane

Concen: 0.661 ug/l

RT: 9.616 min Scan# 1275

Delta R.T. 0.130 min

Lab File: VN072052.D

Acq: 19 Apr 2022 16:13

Instrument :

MSVOA\_N

ClientSampleId :

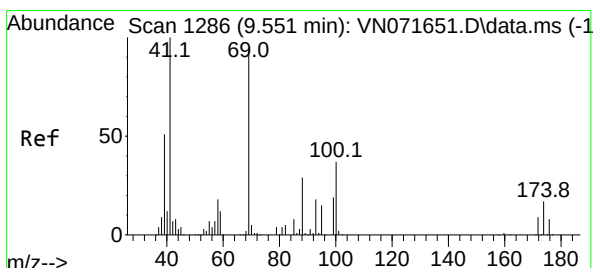
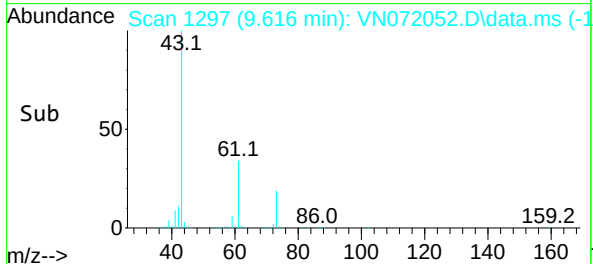
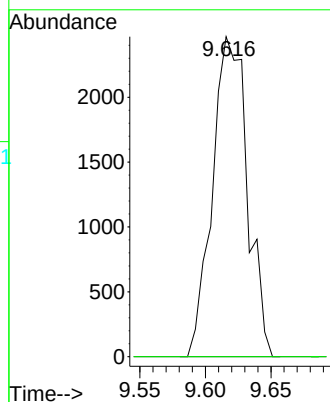
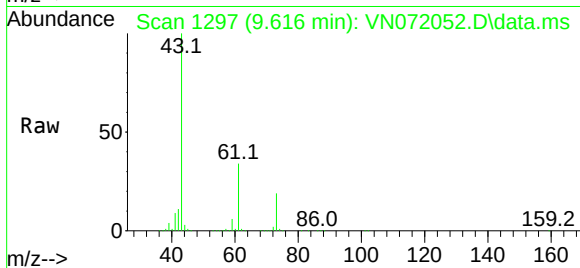
WC-15-1-5

Tgt Ion: 63 Resp: 4565

Ion Ratio Lower Upper

63 100

65 0.0 24.9 37.3#



#48

Methyl methacrylate

Concen: 2.441 ug/l

RT: 9.539 min Scan# 1284

Delta R.T. -0.012 min

Lab File: VN072052.D

Acq: 19 Apr 2022 16:13

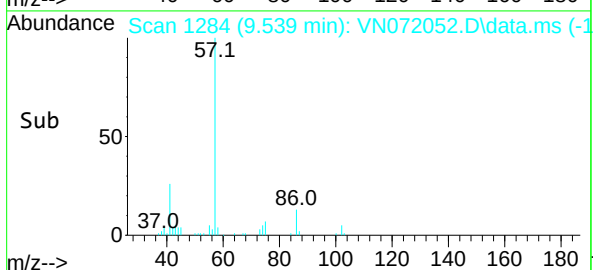
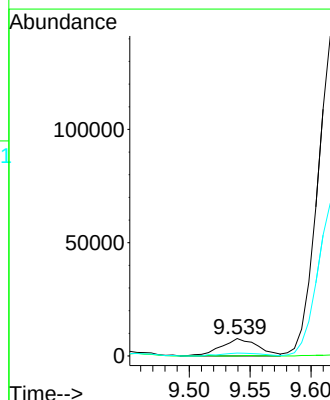
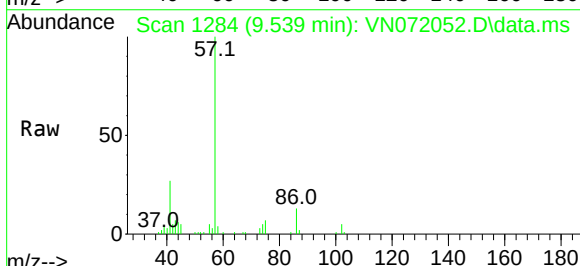
Tgt Ion: 41 Resp: 16138

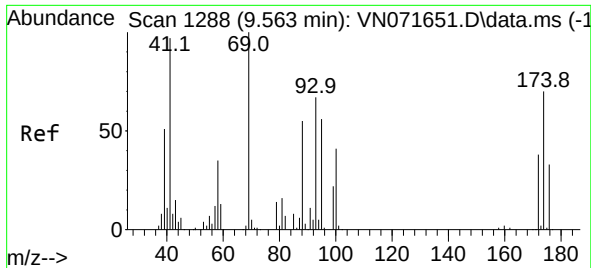
Ion Ratio Lower Upper

41 100

69 1.3 74.7 112.1#

39 0.0 45.6 68.4#

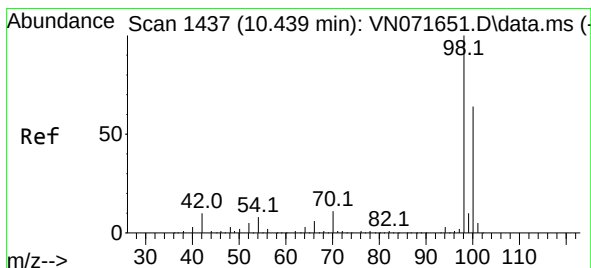
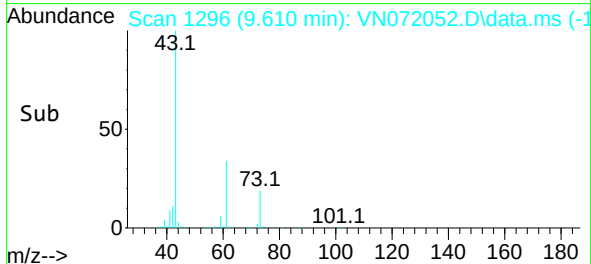
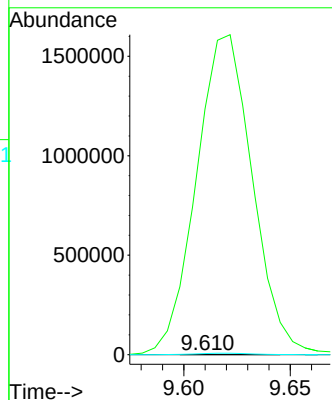
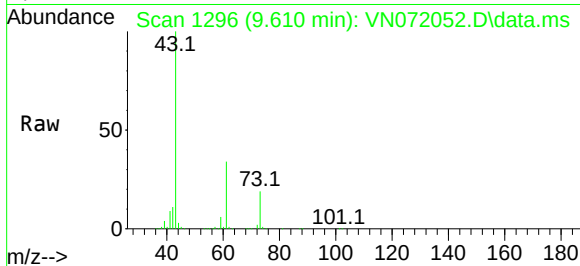




#49  
1,4-Dioxane  
Concen: Below Cal  
RT: 9.610 min Scan# 11  
Delta R.T. 0.047 min  
Lab File: VN072052.D  
Acq: 19 Apr 2022 16:13

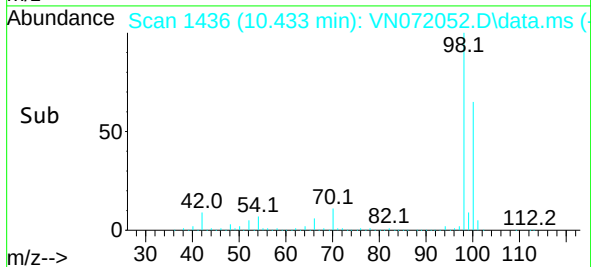
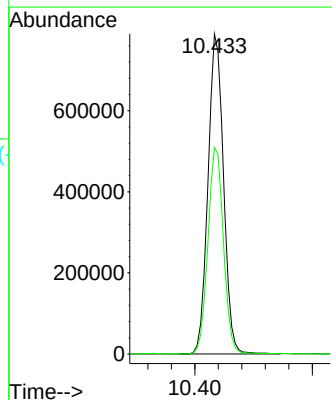
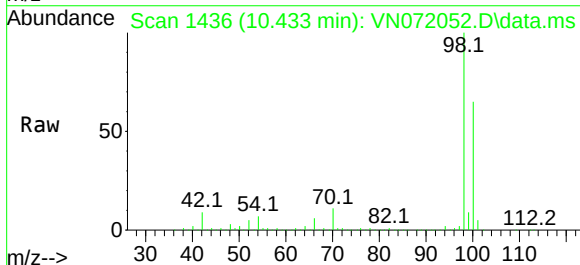
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-5

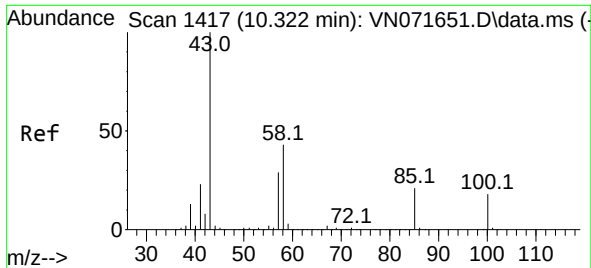
Tgt Ion: 88 Resp: 532  
Ion Ratio Lower Upper  
88 100  
43 560578.2 20.2 30.4#  
58 2641.5 54.2 81.4#



#50  
Toluene-d8  
Concen: 56.317 ug/l  
RT: 10.433 min Scan# 1436  
Delta R.T. -0.006 min  
Lab File: VN072052.D  
Acq: 19 Apr 2022 16:13

Tgt Ion: 98 Resp: 1444194  
Ion Ratio Lower Upper  
98 100  
100 64.8 52.6 78.8

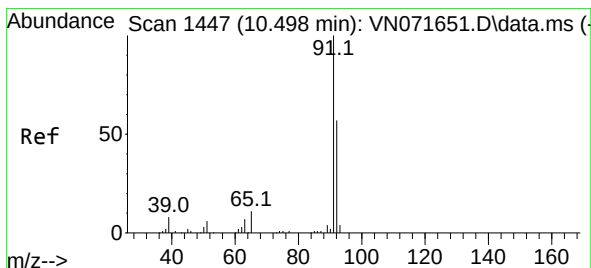
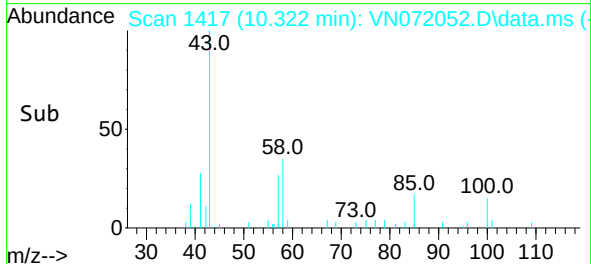
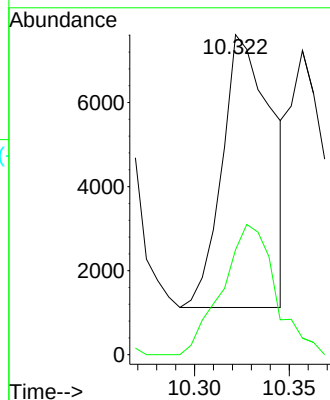
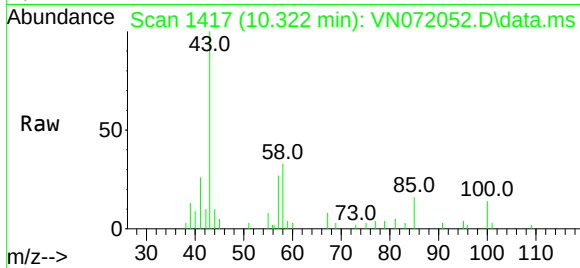




#51  
4-Methyl-2-Pentanone  
Concen: 1.294 ug/l  
RT: 10.322 min Scan# 1417  
Delta R.T. -0.000 min  
Lab File: VN072052.D  
Acq: 19 Apr 2022 16:13

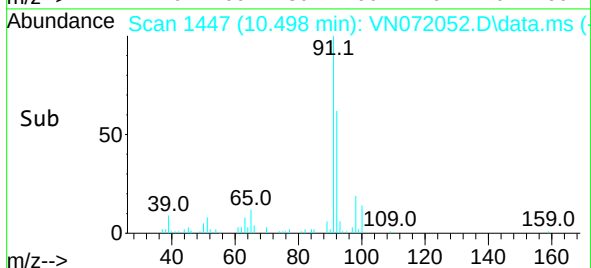
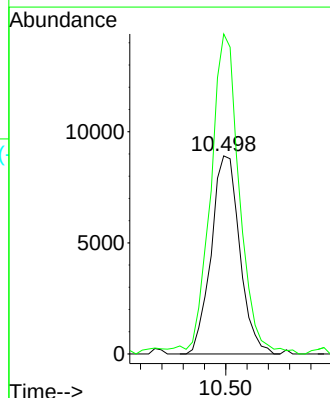
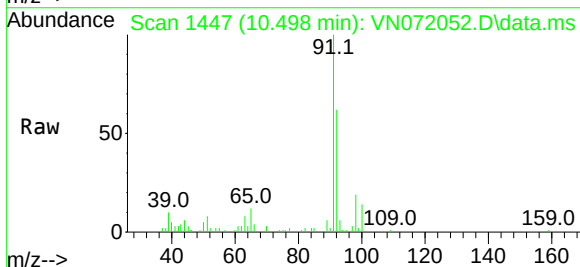
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-5

Tgt Ion: 43 Resp: 11860  
Ion Ratio Lower Upper  
43 100  
58 51.1 34.1 51.1#

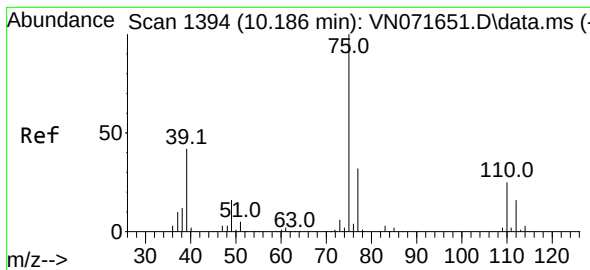


#52  
Toluene  
Concen: 0.946 ug/l  
RT: 10.498 min Scan# 1447  
Delta R.T. 0.000 min  
Lab File: VN072052.D  
Acq: 19 Apr 2022 16:13

Tgt Ion: 92 Resp: 16532  
Ion Ratio Lower Upper  
92 100  
91 163.7 138.6 207.8



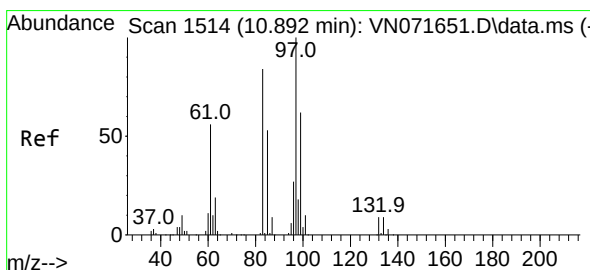
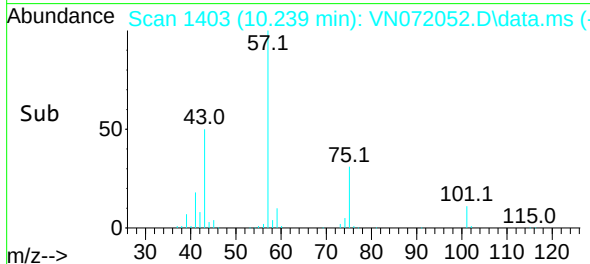
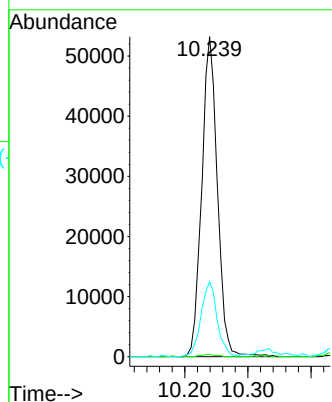
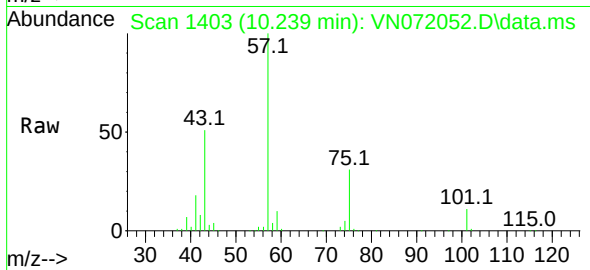




#54  
 cis-1,3-Dichloropropene  
 Concen: 8.585 ug/l  
 RT: 10.239 min Scan# 14  
 Delta R.T. 0.053 min  
 Lab File: VN072052.D  
 Acq: 19 Apr 2022 16:13

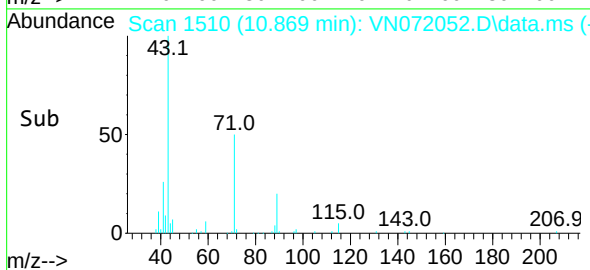
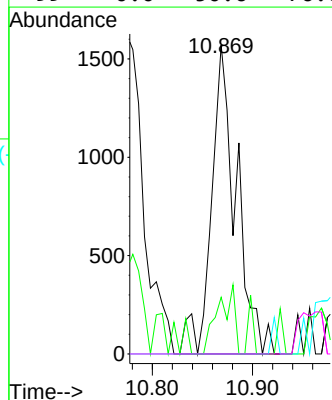
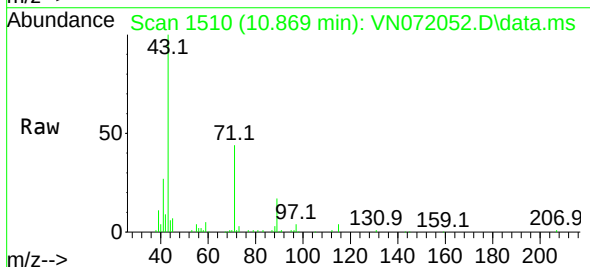
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-15-1-5

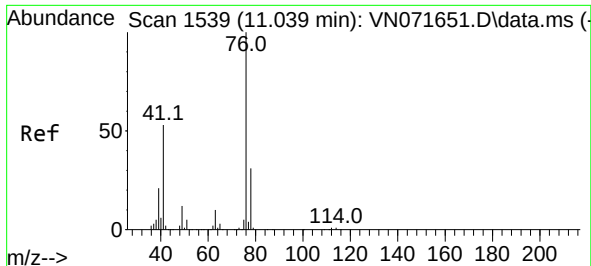
Tgt Ion: 75 Resp: 91793  
 Ion Ratio Lower Upper  
 75 100  
 77 0.8 25.2 37.8#  
 39 23.4 35.7 53.5#



#55  
 1,1,2-Trichloroethane  
 Concen: 0.378 ug/l  
 RT: 10.869 min Scan# 1510  
 Delta R.T. -0.023 min  
 Lab File: VN072052.D  
 Acq: 19 Apr 2022 16:13

Tgt Ion: 97 Resp: 2718  
 Ion Ratio Lower Upper  
 97 100  
 83 18.3 66.2 99.4#  
 85 0.0 43.9 65.9#  
 99 0.0 50.6 76.0#





#57

1,3-Dichloropropane

Concen: 4.815 ug/l

RT: 11.086 min Scan# 1547

Delta R.T. 0.047 min

Lab File: VN072052.D

Acq: 19 Apr 2022 16:13

Instrument :

MSVOA\_N

ClientSampleId :

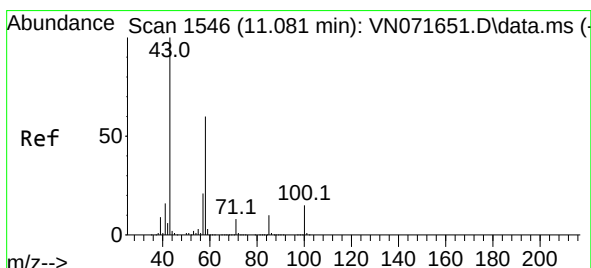
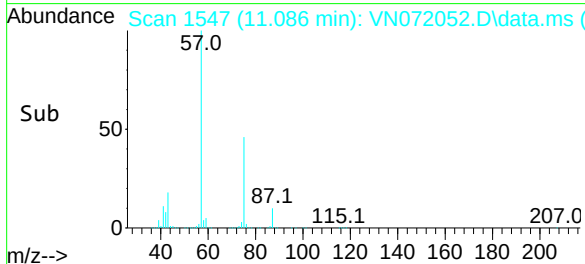
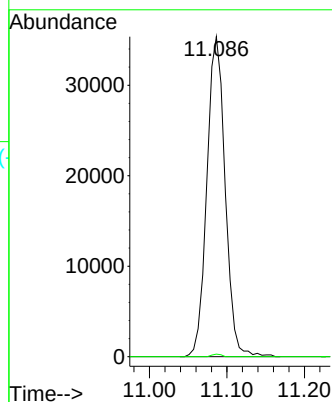
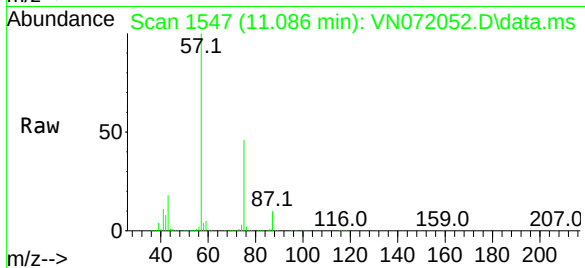
WC-15-1-5

Tgt Ion: 76 Resp: 57915

Ion Ratio Lower Upper

76 100

78 0.4 26.2 39.2#



#59

2-Hexanone

Concen: 108.029 ug/l

RT: 11.086 min Scan# 1547

Delta R.T. 0.005 min

Lab File: VN072052.D

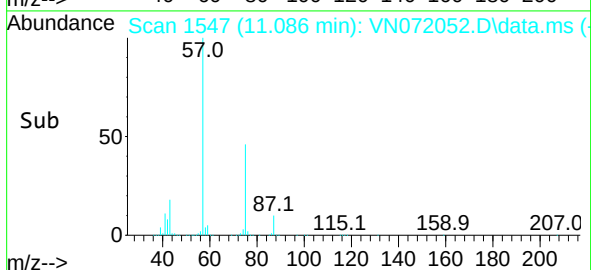
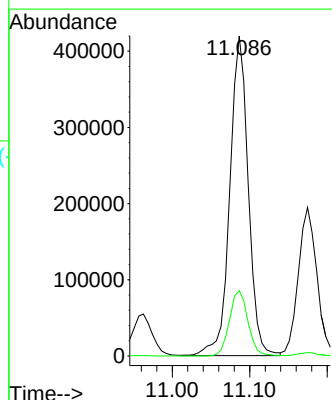
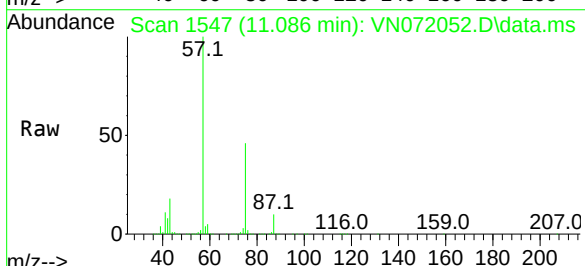
Acq: 19 Apr 2022 16:13

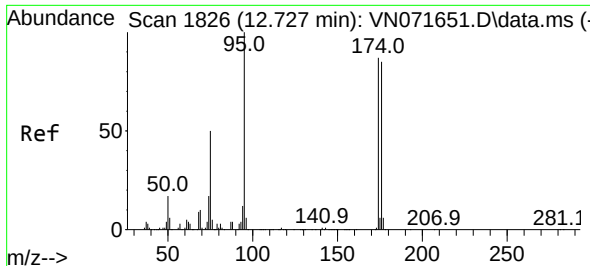
Tgt Ion: 43 Resp: 696916

Ion Ratio Lower Upper

43 100

58 20.5 29.7 89.1#

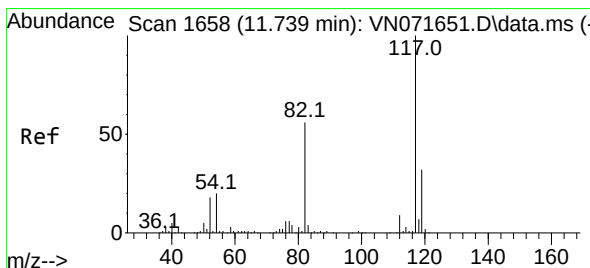
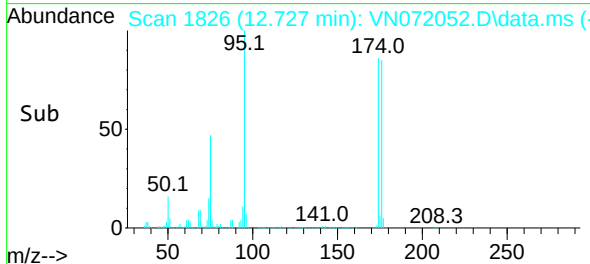
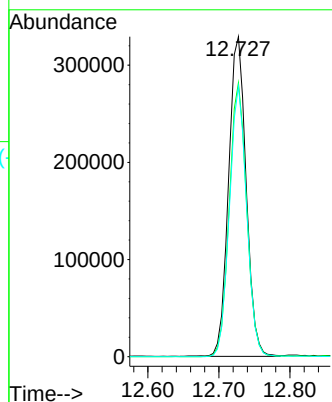
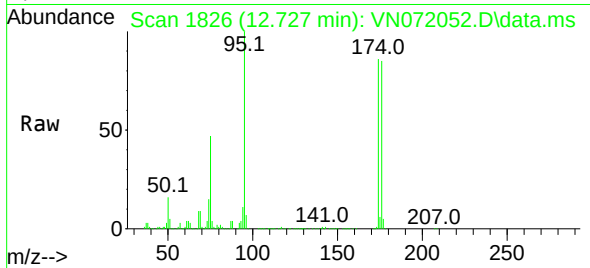




#62  
4-Bromofluorobenzene  
Concen: 68.099 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN072052.D  
Acq: 19 Apr 2022 16:13

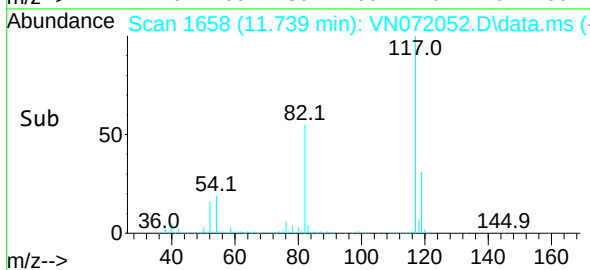
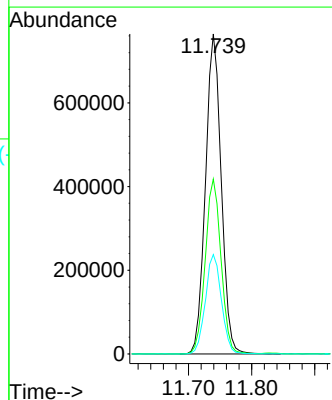
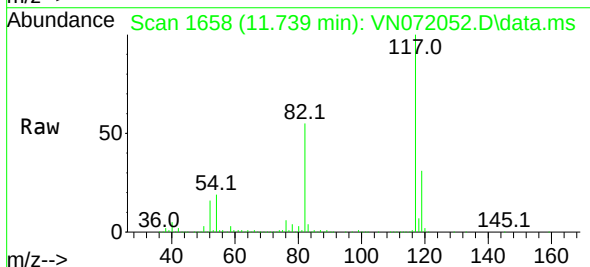
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-5

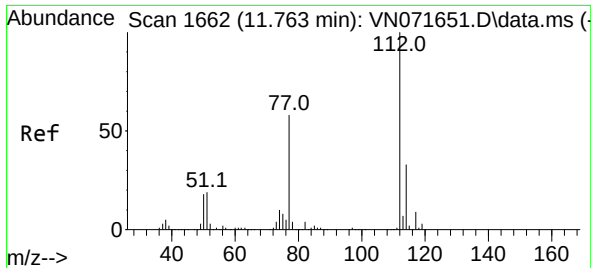
Tgt Ion: 95 Resp: 564788  
Ion Ratio Lower Upper  
95 100  
174 85.0 0.0 167.6  
176 83.0 0.0 163.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 1658  
Delta R.T. 0.000 min  
Lab File: VN072052.D  
Acq: 19 Apr 2022 16:13

Tgt Ion: 117 Resp: 1323598  
Ion Ratio Lower Upper  
117 100  
82 54.6 44.2 66.2  
119 31.1 25.4 38.0

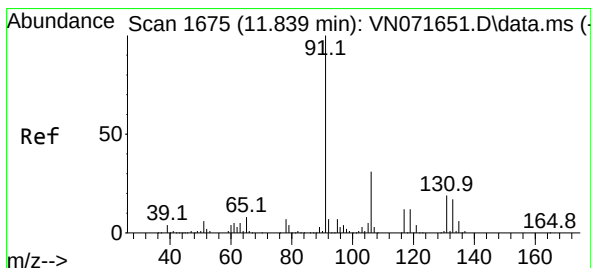
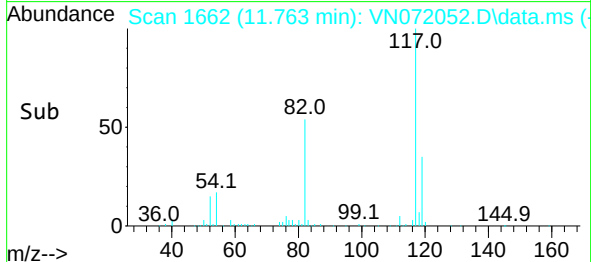
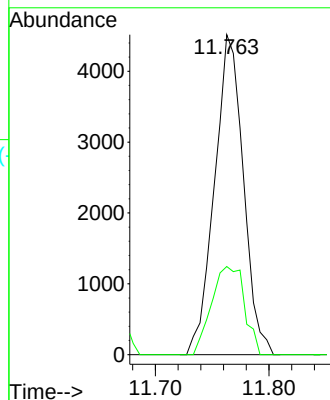
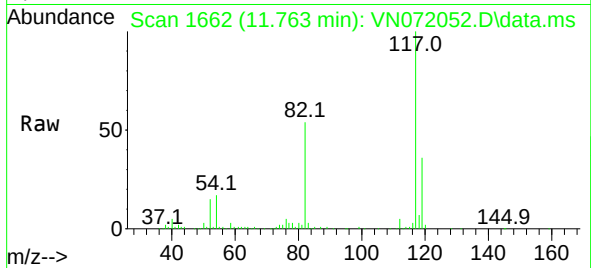




#65  
Chlorobenzene  
Concen: 0.301 ug/l  
RT: 11.763 min Scan# 111  
Delta R.T. -0.000 min  
Lab File: VN072052.D  
Acq: 19 Apr 2022 16:13

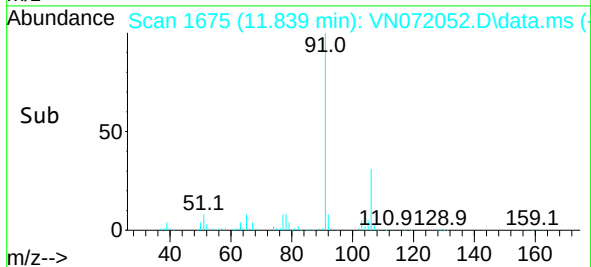
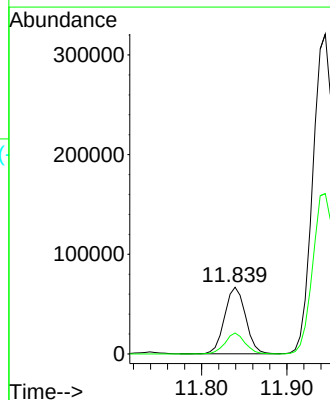
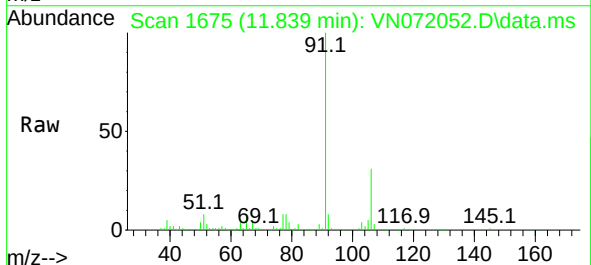
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-5

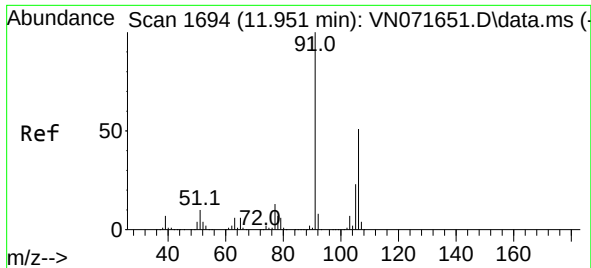
Tgt Ion:112 Resp: 7965  
Ion Ratio Lower Upper  
112 100  
114 27.6 25.4 38.2



#67  
Ethyl Benzene  
Concen: 2.540 ug/l  
RT: 11.839 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VN072052.D  
Acq: 19 Apr 2022 16:13

Tgt Ion: 91 Resp: 113980  
Ion Ratio Lower Upper  
91 100  
106 31.4 24.9 37.3

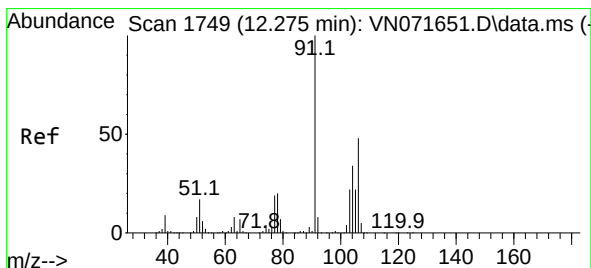
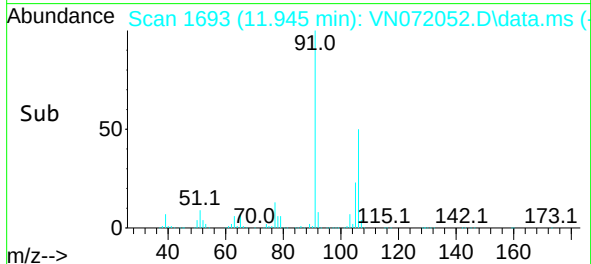
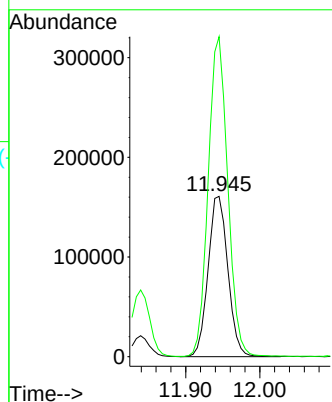
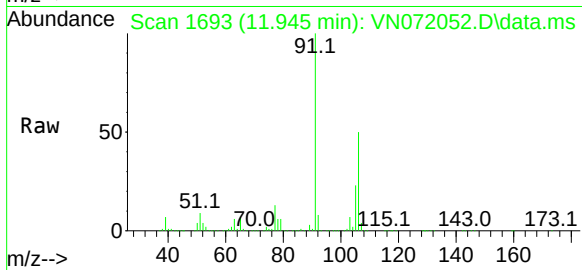




#68  
m/p-Xylenes  
Concen: 17.327 ug/l  
RT: 11.945 min Scan# 1693  
Delta R.T. -0.006 min  
Lab File: VN072052.D  
Acq: 19 Apr 2022 16:13

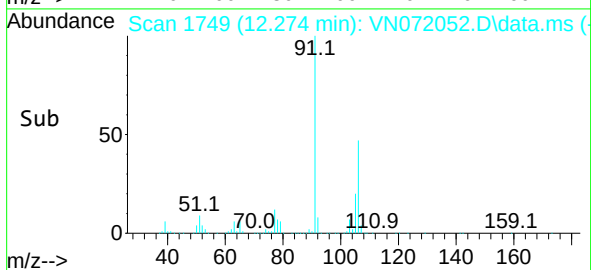
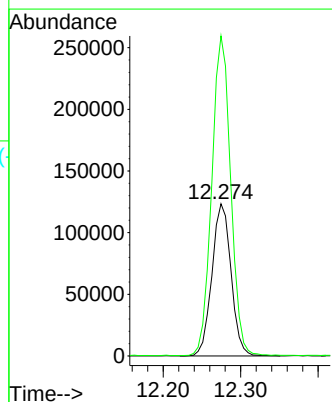
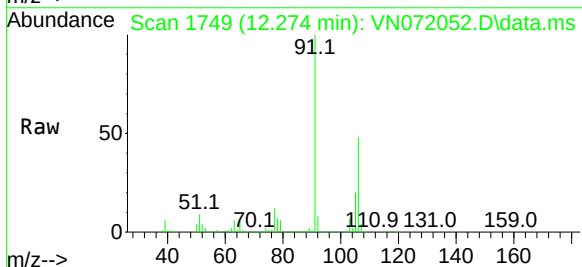
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-5

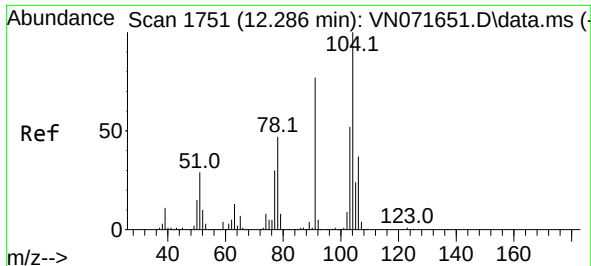
Tgt Ion:106 Resp: 298697  
Ion Ratio Lower Upper  
106 100  
91 196.4 158.9 238.3



#69  
o-Xylene  
Concen: 12.351 ug/l  
RT: 12.274 min Scan# 1749  
Delta R.T. -0.001 min  
Lab File: VN072052.D  
Acq: 19 Apr 2022 16:13

Tgt Ion:106 Resp: 211324  
Ion Ratio Lower Upper  
106 100  
91 207.9 106.0 318.0

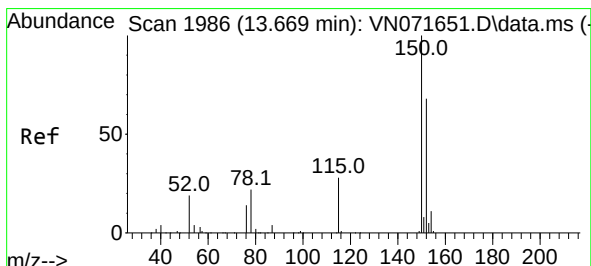
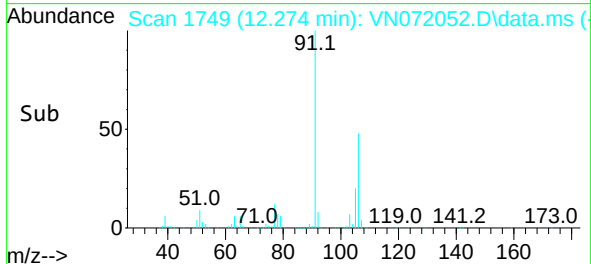
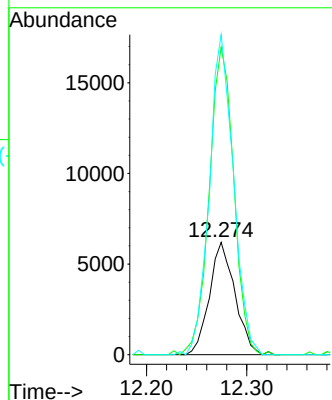
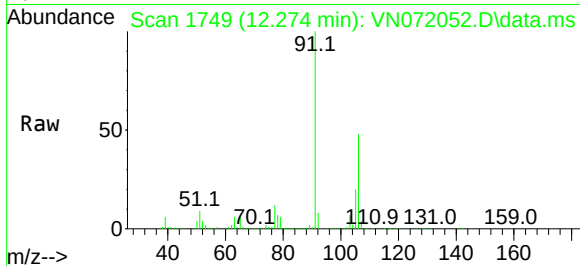




#70  
Styrene  
Concen: 0.424 ug/l  
RT: 12.274 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: VN072052.D  
Acq: 19 Apr 2022 16:13

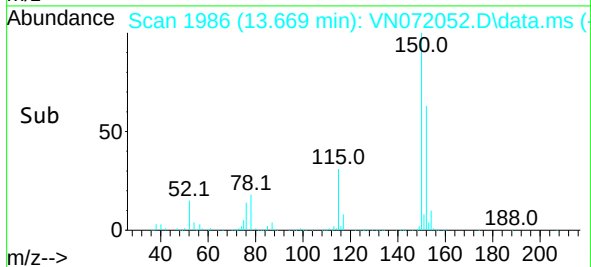
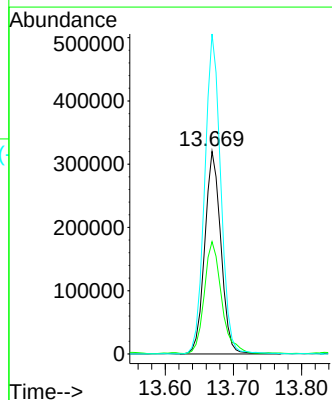
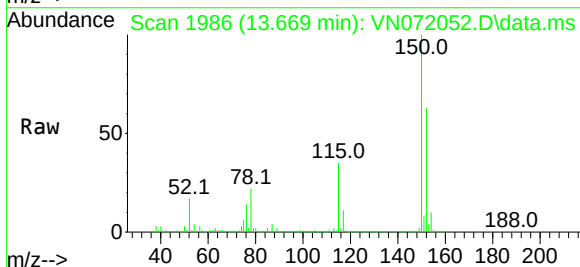
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-5

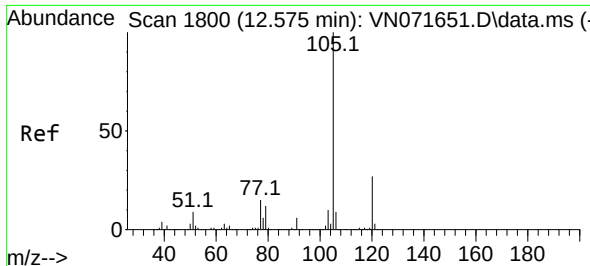
Tgt Ion:104 Resp: 11000  
Ion Ratio Lower Upper  
104 100  
78 263.1 39.5 59.3#  
103 268.1 44.0 66.0#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.669 min Scan# 1986  
Delta R.T. -0.001 min  
Lab File: VN072052.D  
Acq: 19 Apr 2022 16:13

Tgt Ion:152 Resp: 527055  
Ion Ratio Lower Upper  
152 100  
115 58.9 28.9 86.7  
150 156.7 0.0 356.2

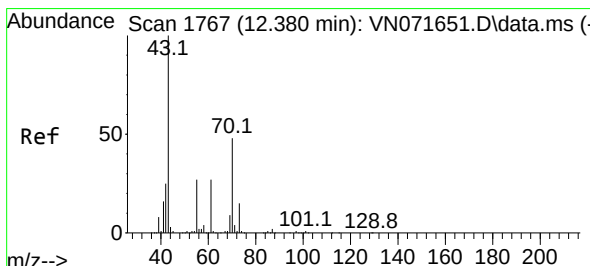
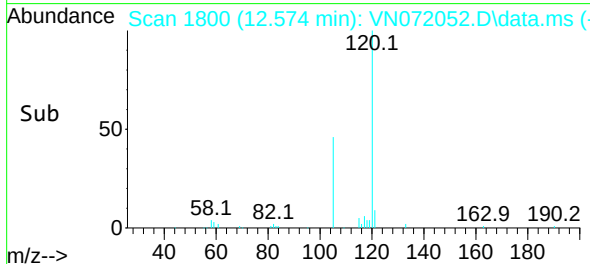
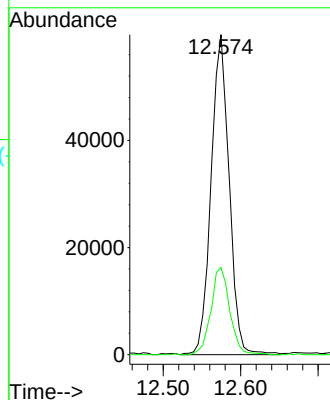
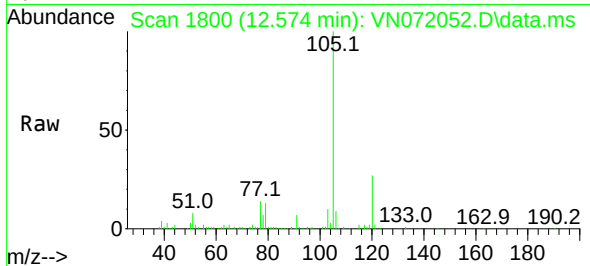




#73  
Isopropylbenzene  
Concen: 2.182 ug/l  
RT: 12.574 min Scan# 1800  
Delta R.T. -0.001 min  
Lab File: VN072052.D  
Acq: 19 Apr 2022 16:13

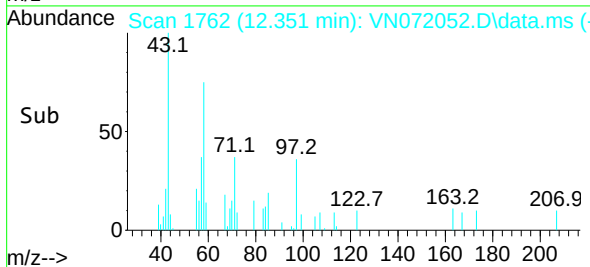
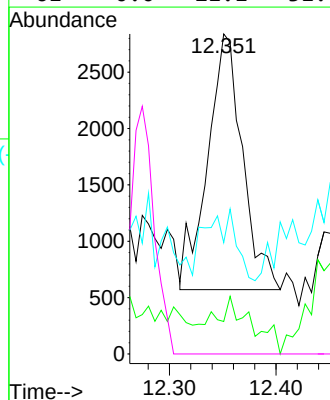
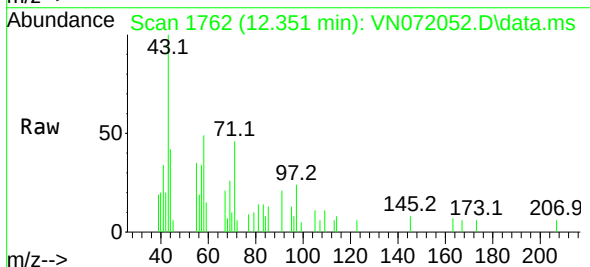
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-5

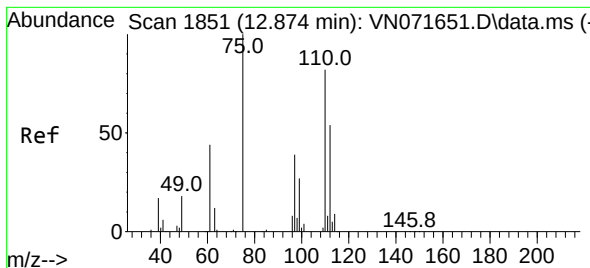
Tgt Ion:105 Resp: 96894  
Ion Ratio Lower Upper  
105 100  
120 28.3 13.5 40.4



#74  
N-ethyl acetate  
Concen: 0.407 ug/l  
RT: 12.351 min Scan# 1762  
Delta R.T. -0.029 min  
Lab File: VN072052.D  
Acq: 19 Apr 2022 16:13

Tgt Ion: 43 Resp: 5180  
Ion Ratio Lower Upper  
43 100  
70 22.4 39.0 58.4#  
55 26.0 21.1 31.7  
61 0.0 21.1 31.7#





#76

1,2,3-Trichloropropane

Concen: 22.043 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. -0.147 min

Lab File: VN072052.D

Acq: 19 Apr 2022 16:13

Instrument :

MSVOA\_N

ClientSampleId :

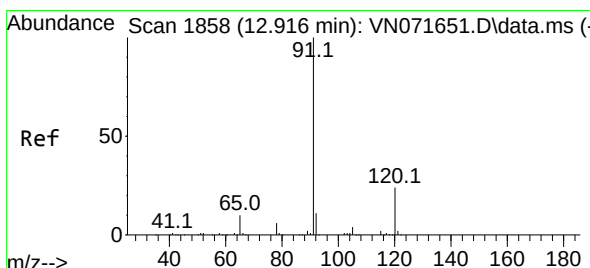
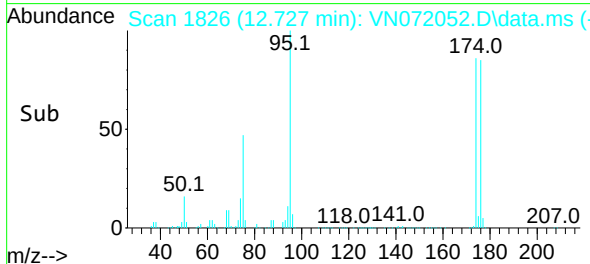
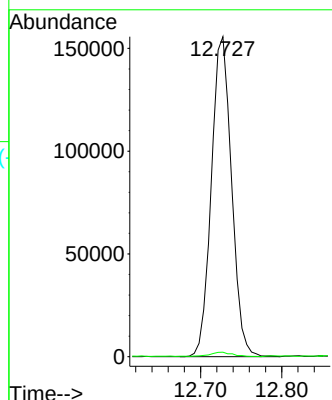
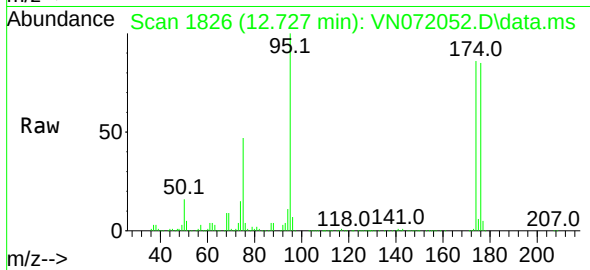
WC-15-1-5

Tgt Ion: 75 Resp: 269135

Ion Ratio Lower Upper

75 100

77 1.7 98.5 295.5#



#78

n-propylbenzene

Concen: 2.356 ug/l

RT: 12.916 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VN072052.D

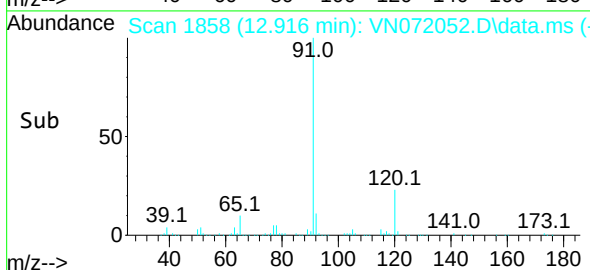
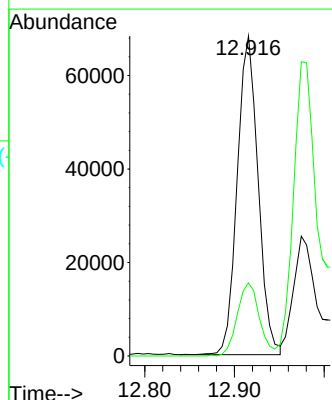
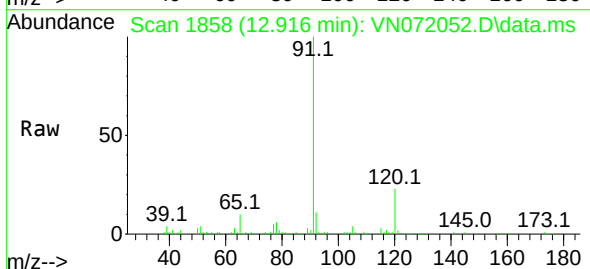
Acq: 19 Apr 2022 16:13

Tgt Ion: 91 Resp: 110078

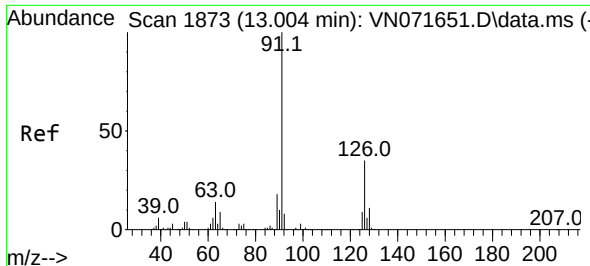
Ion Ratio Lower Upper

91 100

120 24.3 11.9 35.5



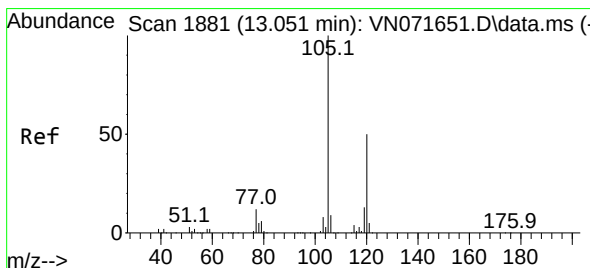
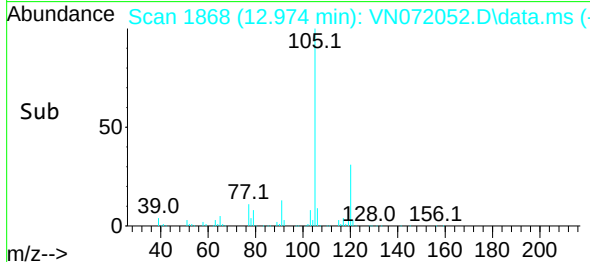
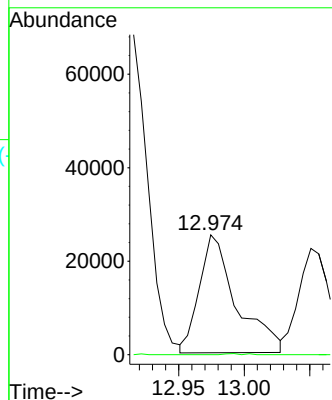
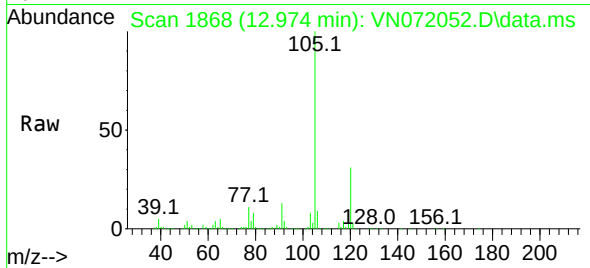




#79  
2-Chlorotoluene  
Concen: 1.668 ug/l  
RT: 12.974 min Scan# 1868  
Delta R.T. -0.030 min  
Lab File: VN072052.D  
Acq: 19 Apr 2022 16:13

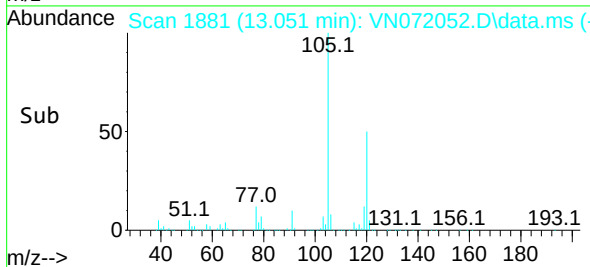
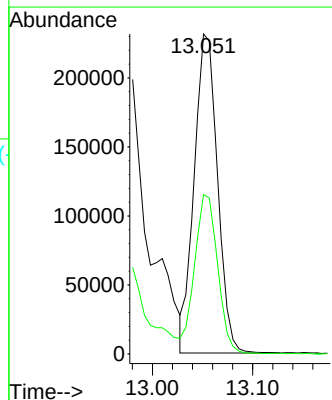
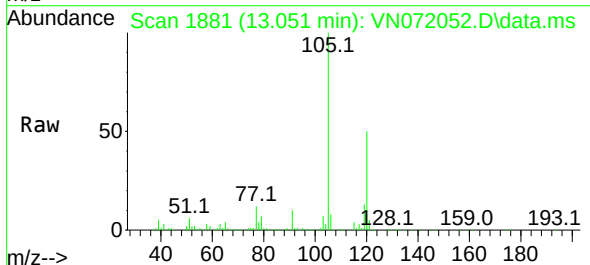
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-5

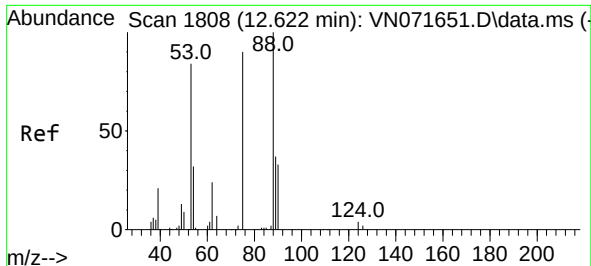
Tgt Ion: 91 Resp: 49974  
Ion Ratio Lower Upper  
91 100  
126 0.4 17.3 51.9#



#80  
1,3,5-Trimethylbenzene  
Concen: 10.615 ug/l  
RT: 13.051 min Scan# 1881  
Delta R.T. -0.000 min  
Lab File: VN072052.D  
Acq: 19 Apr 2022 16:13

Tgt Ion: 105 Resp: 373527  
Ion Ratio Lower Upper  
105 100  
120 49.3 24.9 74.7

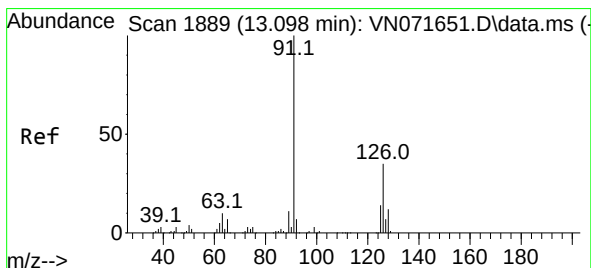
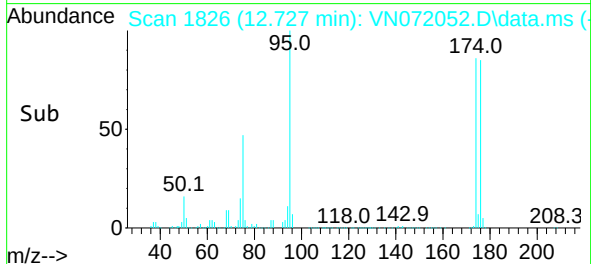
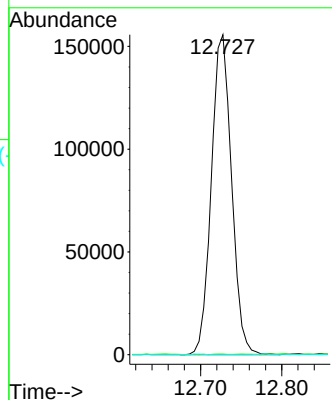
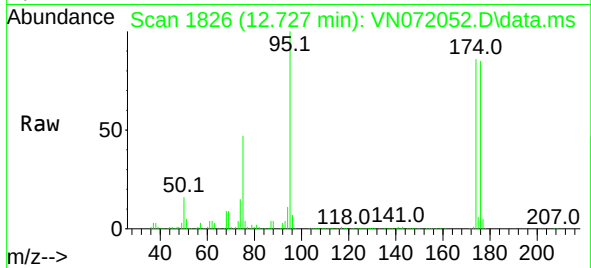




#81  
trans-1,4-Dichloro-2-butene  
Concen: 68.310 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.105 min  
Lab File: VN072052.D  
Acq: 19 Apr 2022 16:13

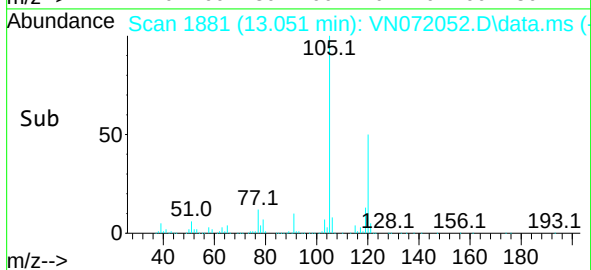
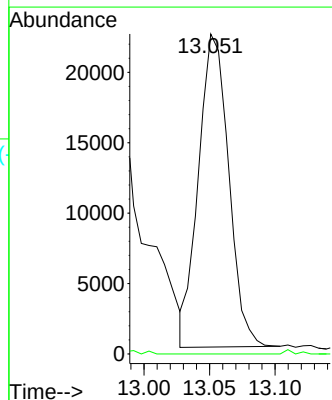
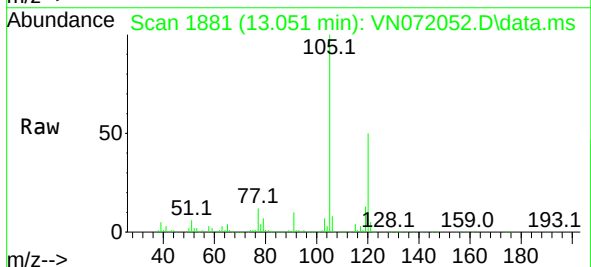
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-5

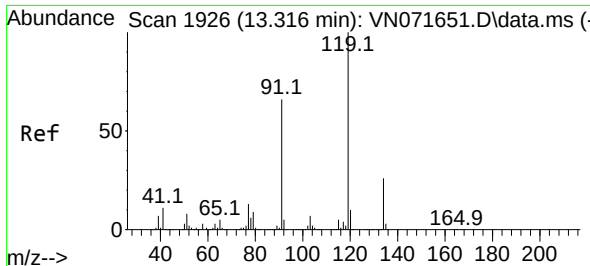
Tgt Ion: 75 Resp: 269135  
Ion Ratio Lower Upper  
75 100  
53 0.2 78.0 117.0#  
89 0.0 37.2 55.8#



#82  
4-Chlorotoluene  
Concen: 1.283 ug/l  
RT: 13.051 min Scan# 1881  
Delta R.T. -0.047 min  
Lab File: VN072052.D  
Acq: 19 Apr 2022 16:13

Tgt Ion: 91 Resp: 35633  
Ion Ratio Lower Upper  
91 100  
126 0.0 17.2 51.6#

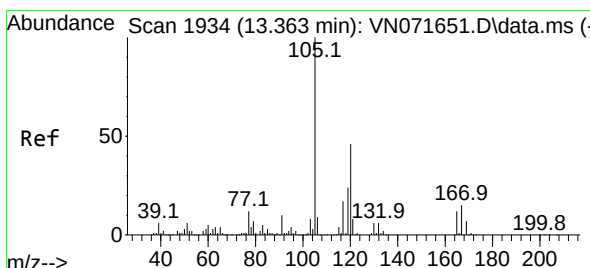
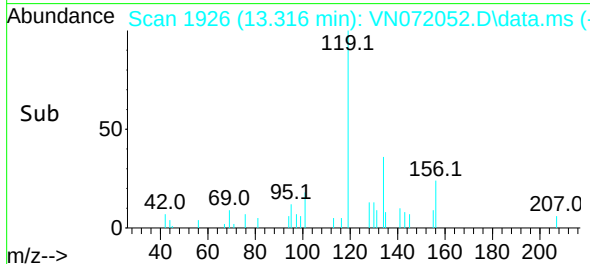
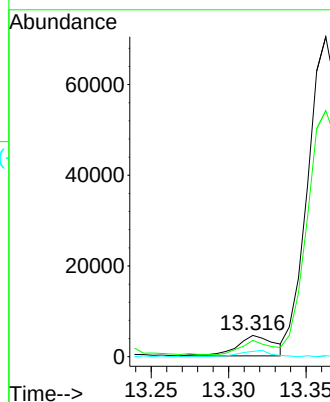
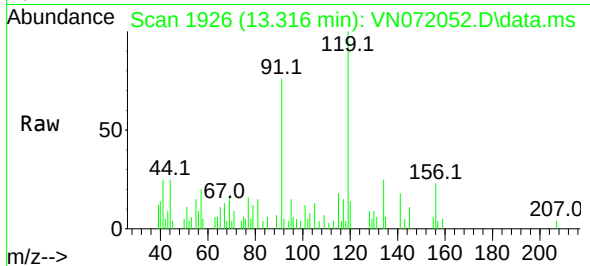




#83  
tert-Butylbenzene  
Concen: 0.235 ug/l  
RT: 13.316 min Scan# 1926  
Delta R.T. -0.000 min  
Lab File: VN072052.D  
Acq: 19 Apr 2022 16:13

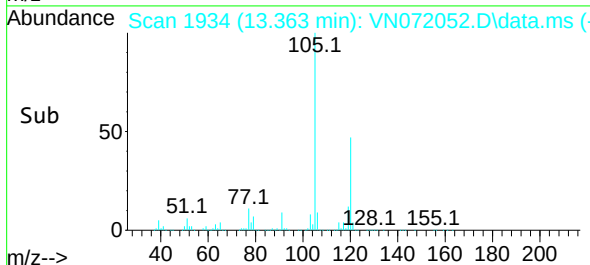
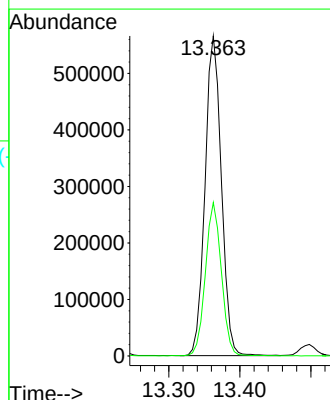
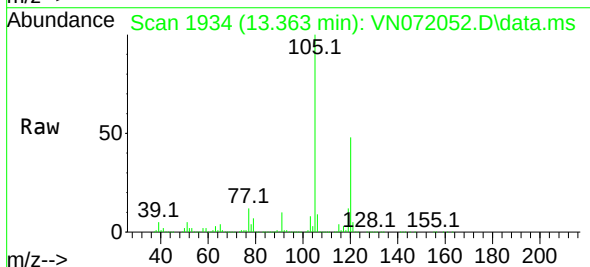
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-5

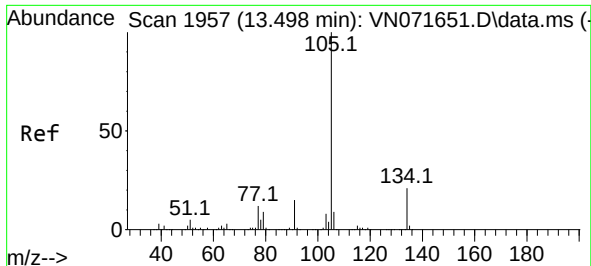
Tgt Ion:119 Resp: 7548  
Ion Ratio Lower Upper  
119 100  
91 57.2 31.6 94.8  
134 24.8 13.7 41.1



#84  
1,2,4-Trimethylbenzene  
Concen: 26.354 ug/l  
RT: 13.363 min Scan# 1934  
Delta R.T. -0.000 min  
Lab File: VN072052.D  
Acq: 19 Apr 2022 16:13

Tgt Ion:105 Resp: 904827  
Ion Ratio Lower Upper  
105 100  
120 47.2 23.3 69.8

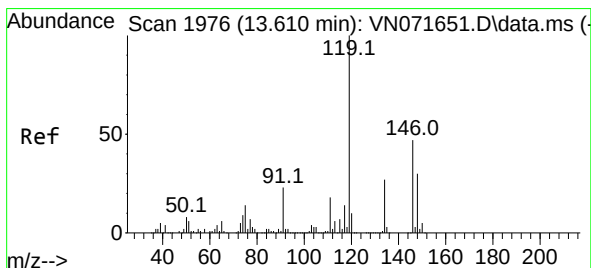
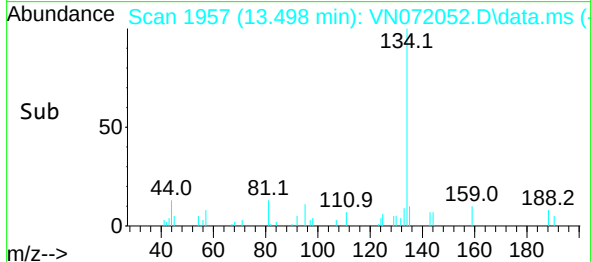
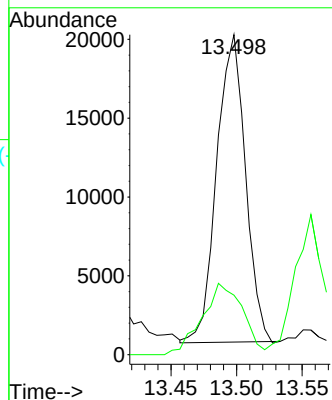
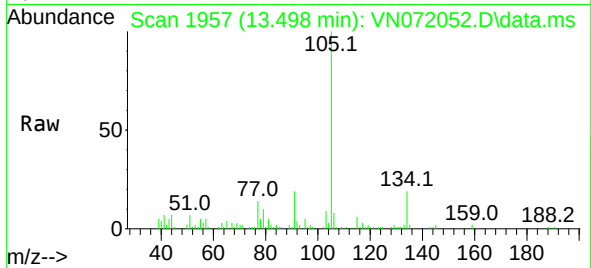




#85  
 sec-Butylbenzene  
 Concen: 0.712 ug/l  
 RT: 13.498 min Scan# 1957  
 Delta R.T. -0.000 min  
 Lab File: VN072052.D  
 Acq: 19 Apr 2022 16:13

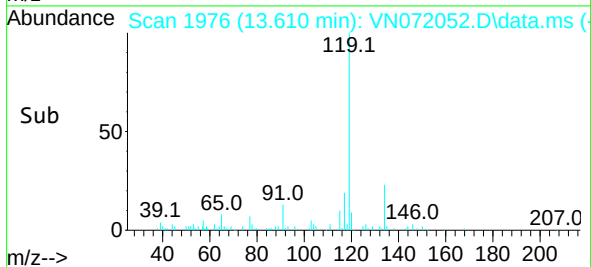
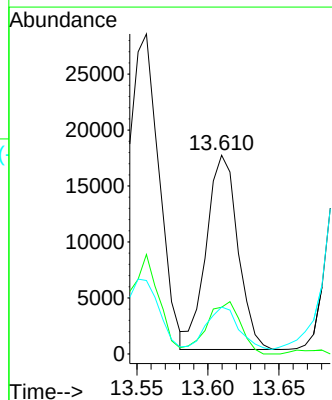
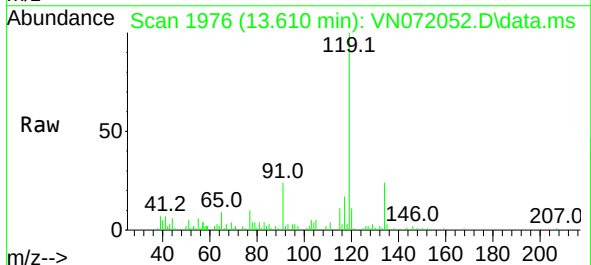
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-15-1-5

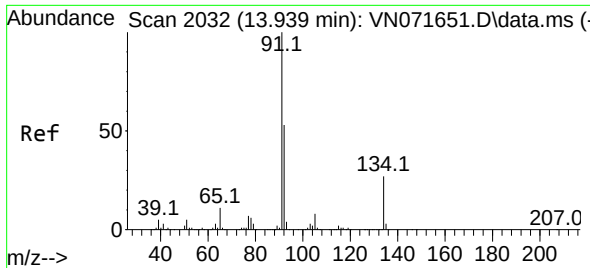
Tgt Ion:105 Resp: 29682  
 Ion Ratio Lower Upper  
 105 100  
 134 32.7 10.4 31.1#



#86  
 p-Isopropyltoluene  
 Concen: 0.810 ug/l  
 RT: 13.610 min Scan# 1976  
 Delta R.T. -0.000 min  
 Lab File: VN072052.D  
 Acq: 19 Apr 2022 16:13

Tgt Ion:119 Resp: 26918  
 Ion Ratio Lower Upper  
 119 100  
 134 28.8 13.3 39.8  
 91 22.3 11.3 33.9





#89

n-Butylbenzene

Concen: 0.352 ug/l

RT: 13.933 min Scan# 2032

Delta R.T. -0.006 min

Lab File: VN072052.D

Acq: 19 Apr 2022 16:13

Instrument :

MSVOA\_N

ClientSampleId :

WC-15-1-5

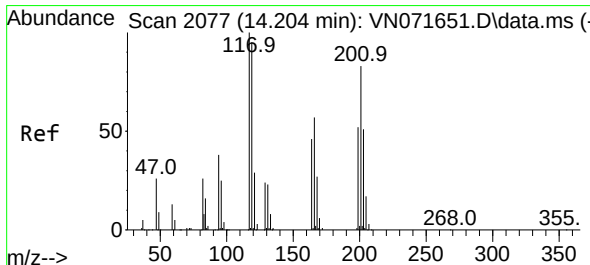
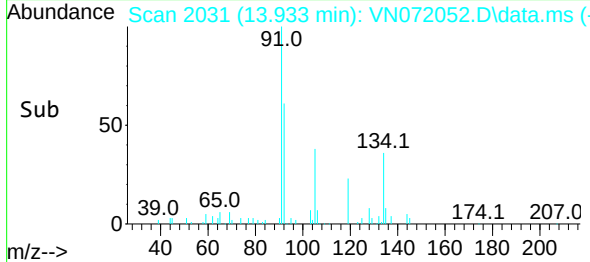
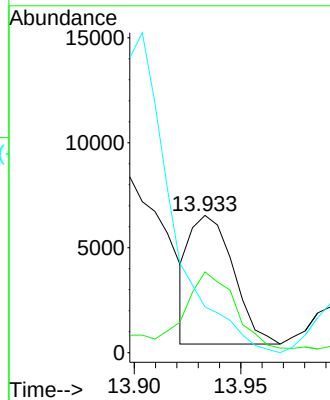
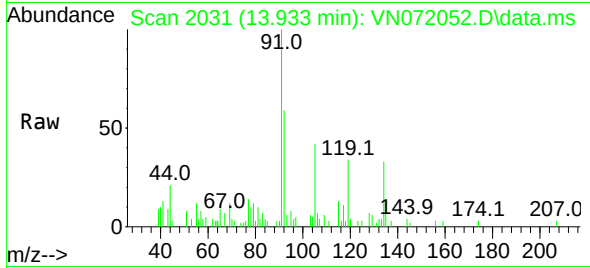
Tgt Ion: 91 Resp: 8690

Ion Ratio Lower Upper

91 100

92 75.6 26.9 80.7

134 0.0 13.6 40.8#



#90

Hexachloroethane

Concen: 1.130 ug/l

RT: 14.210 min Scan# 2078

Delta R.T. 0.006 min

Lab File: VN072052.D

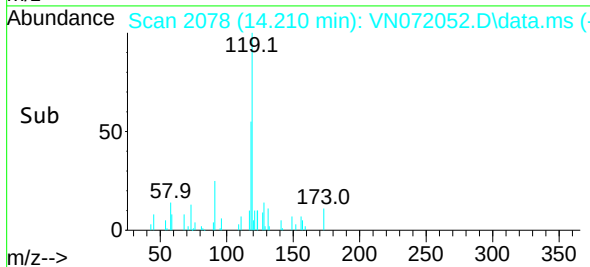
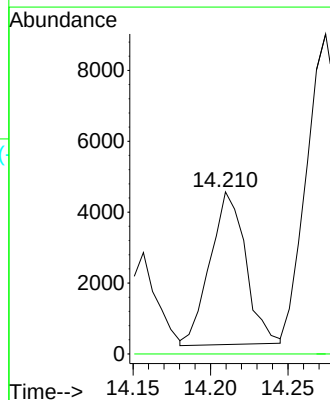
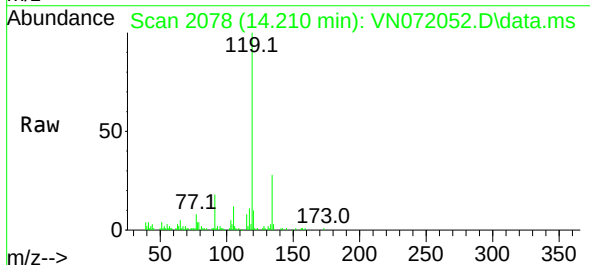
Acq: 19 Apr 2022 16:13

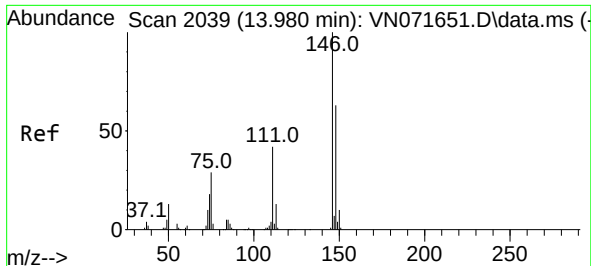
Tgt Ion: 117 Resp: 6876

Ion Ratio Lower Upper

117 100

201 0.0 40.6 122.0#





#91

1,2-Dichlorobenzene

Concen: 0.375 ug/l

RT: 13.986 min Scan# 2039

Delta R.T. 0.006 min

Lab File: VN072052.D

Acq: 19 Apr 2022 16:13

Instrument :

MSVOA\_N

ClientSampleId :

WC-15-1-5

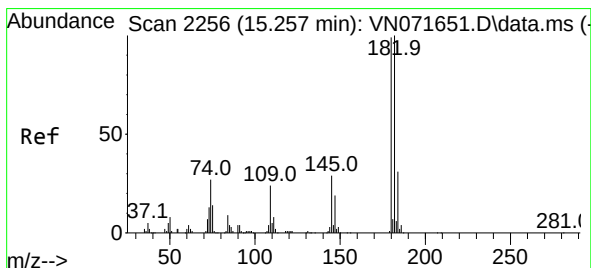
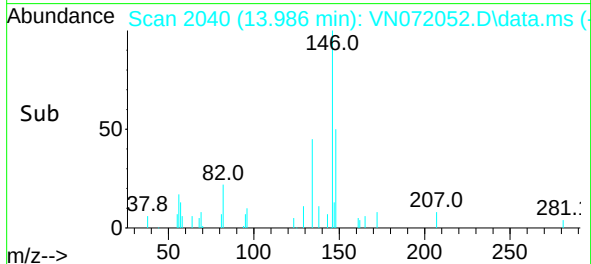
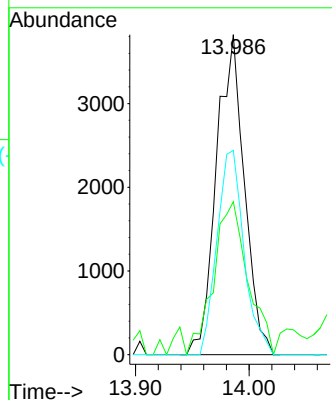
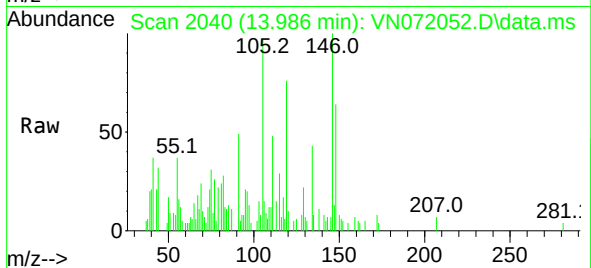
Tgt Ion:146 Resp: 6530

Ion Ratio Lower Upper

146 100

111 58.5 20.9 62.8

148 61.8 32.1 96.3



#93

1,2,4-Trichlorobenzene

Concen: 2.122 ug/l

RT: 15.268 min Scan# 2258

Delta R.T. 0.011 min

Lab File: VN072052.D

Acq: 19 Apr 2022 16:13

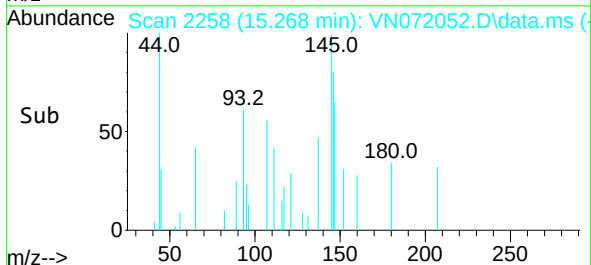
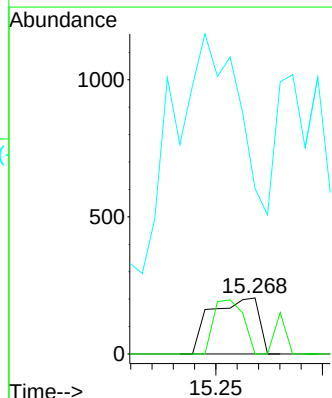
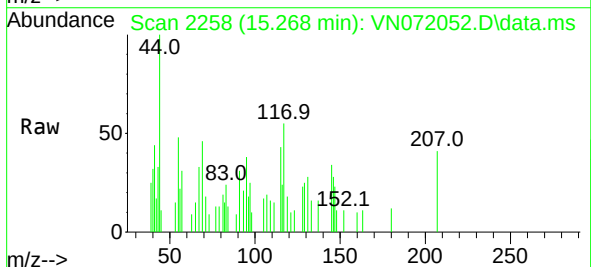
Tgt Ion:180 Resp: 316

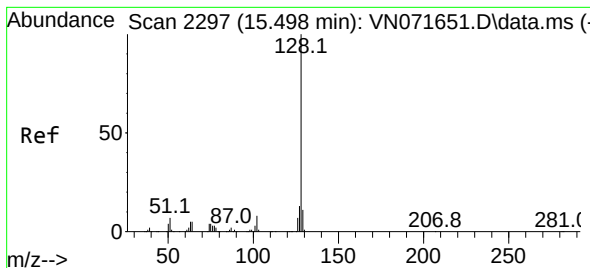
Ion Ratio Lower Upper

180 100

182 60.1 47.5 142.5

145 0.0 14.5 43.5#





#95

Naphthalene

Concen: 6.771 ug/l

RT: 15.498 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VN072052.D

Acq: 19 Apr 2022 16:13

Instrument :

MSVOA\_N

ClientSampleId :

WC-15-1-5

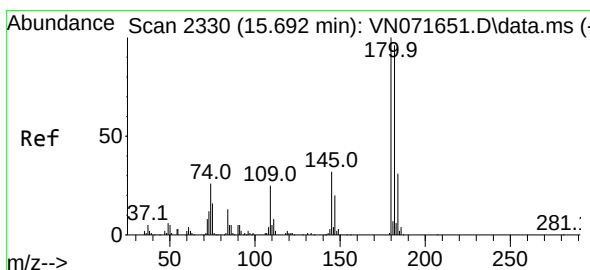
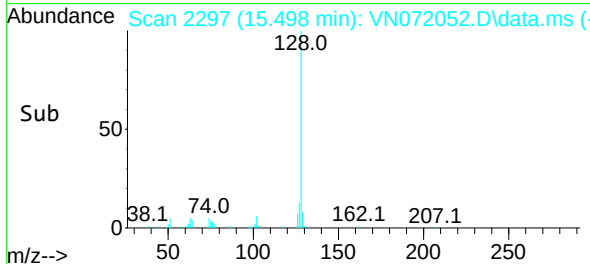
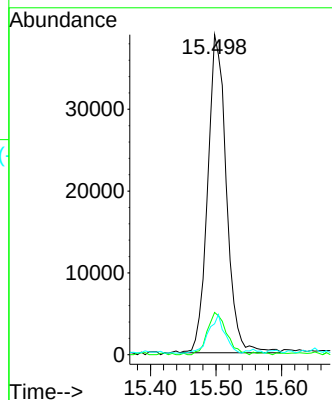
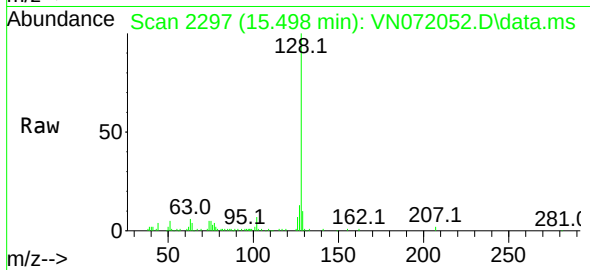
Tgt Ion:128 Resp: 77108

Ion Ratio Lower Upper

128 100

127 13.6 10.3 15.5

129 10.5 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 2.437 ug/l

RT: 15.692 min Scan# 2330

Delta R.T. -0.000 min

Lab File: VN072052.D

Acq: 19 Apr 2022 16:13

Tgt Ion:180 Resp: 193

Ion Ratio Lower Upper

180 100

182 69.4 47.8 143.3

145 0.0 15.5 46.5#

