

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN041922\  
 Data File : VN072051.D  
 Acq On : 19 Apr 2022 15:49  
 Operator : JC\MD  
 Sample : N2452-12  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Apr 20 01:26:21 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  | 686480     | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.963          | 114  | 1153736    | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.739         | 117  | 1354307    | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.669         | 152  | 537999     | 50.000    | ug/l   | 0.00     |
|                               |                |      |            |           |        |          |
| System Monitoring Compounds   |                |      |            |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.428          | 65   | 362805     | 46.294    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 61 - 141 |      | Recovery = | 92.580%   |        |          |
| 35) Dibromofluoromethane      | 8.016          | 113  | 316624     | 46.637    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 69 - 133 |      | Recovery = | 93.280%   |        |          |
| 50) Toluene-d8                | 10.433         | 98   | 1542081    | 55.525    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 126 |      | Recovery = | 111.060%  |        |          |
| 62) 4-Bromofluorobenzene      | 12.727         | 95   | 572112     | 63.695    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 58 - 135 |      | Recovery = | 127.380%  |        |          |
|                               |                |      |            |           |        |          |
| Target Compounds              |                |      |            |           |        | Qvalue   |
| 3) Chloromethane              | 2.293          | 50   | 2159       | 0.312     | ug/l # | 71       |
| 6) Chloroethane               | 2.887          | 64   | 2502       | 0.458     | ug/l # | 58       |
| 11) Tert butyl alcohol        | 5.375          | 59   | 522        | 0.410     | ug/l # | 72       |
| 13) Acrolein                  | 4.040          | 56   | 837        | 0.540     | ug/l   | 96       |
| 16) Acetone                   | 4.287          | 43   | 71916      | 21.472    | ug/l   | 97       |
| 18) Methyl Acetate            | 4.857          | 43   | 15764      | 0.399     | ug/l   | 99       |
| 20) Methylene Chloride        | 5.081          | 84   | 121765     | 17.249    | ug/l   | 95       |
| 25) 2-Butanone                | 7.328          | 43   | 23710      | 4.911     | ug/l   | 100      |
| 31) Cyclohexane               | 8.087          | 56   | 76604      | 7.188     | ug/l # | 84       |
| 36) 1,1-Dichloropropene       | 8.081          | 75   | 45206      | 4.768     | ug/l # | 51       |
| 37) Ethyl Acetate             | 7.328          | 43   | 23710      | 2.285     | ug/l # | 67       |
| 38) Carbon Tetrachloride      | 8.075          | 117  | 59453      | 6.399     | ug/l # | 16       |
| 39) Methylcyclohexane         | 9.451          | 83   | 159755     | 14.156    | ug/l   | 99       |
| 40) Benzene                   | 8.445          | 78   | 18710      | 0.625     | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.557          | 43   | 99696      | 5.776     | ug/l # | 75       |
| 45) 1,2-Dichloropropane       | 9.457          | 63   | 1660       | 0.222     | ug/l # | 1        |
| 47) Bromodichloromethane      | 9.863          | 83   | 2823       | 0.282     | ug/l # | 48       |
| 48) Methyl methacrylate       | 9.534          | 41   | 27849      | 3.889     | ug/l # | 24       |
| 49) 1,4-Dioxane               | 9.628          | 88   | 520        | Below Cal | #      | 1        |
| 51) 4-Methyl-2-Pentanone      | 10.328         | 43   | 12888      | 1.299     | ug/l # | 85       |
| 52) Toluene                   | 10.498         | 92   | 30401      | 1.606     | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.239         | 75   | 92892      | 8.022     | ug/l # | 57       |
| 55) 1,1,2-Trichloroethane     | 10.875         | 97   | 27883      | 3.579     | ug/l # | 21       |
| 56) Ethyl methacrylate        | 10.733         | 69   | 9909       | 0.891     | ug/l # | 28       |
| 57) 1,3-Dichloropropane       | 11.086         | 76   | 58865      | 4.519     | ug/l # | 42       |
| 58) 2-Chloroethyl Vinyl ether | 9.863          | 63   | 152        | 17.008    | ug/l # | 44       |
| 59) 2-Hexanone                | 11.086         | 43   | 750174     | 107.372   | ug/l # | 47       |
| 67) Ethyl Benzene             | 11.839         | 91   | 105790     | 2.304     | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.945         | 106  | 178194     | 10.102    | ug/l   | 99       |
| 69) o-Xylene                  | 12.275         | 106  | 532573     | 30.420    | ug/l   | 98       |
| 70) Styrene                   | 12.275         | 104  | 26497      | 0.999     | ug/l # | 1        |
| 73) Isopropylbenzene          | 12.574         | 105  | 245750     | 5.421     | ug/l   | 99       |
| 74) N-amyl acetate            | 12.363         | 43   | 76865      | 5.917     | ug/l # | 62       |
| 75) 1,1,2,2-Tetrachloroethane | 12.804         | 83   | 4694       | 0.310     | ug/l # | 26       |
| 76) 1,2,3-Trichloropropane    | 12.727         | 75   | 273185     | 21.919    | ug/l # | 1        |
| 78) n-propylbenzene           | 12.916         | 91   | 167533     | 3.513     | ug/l   | 99       |

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

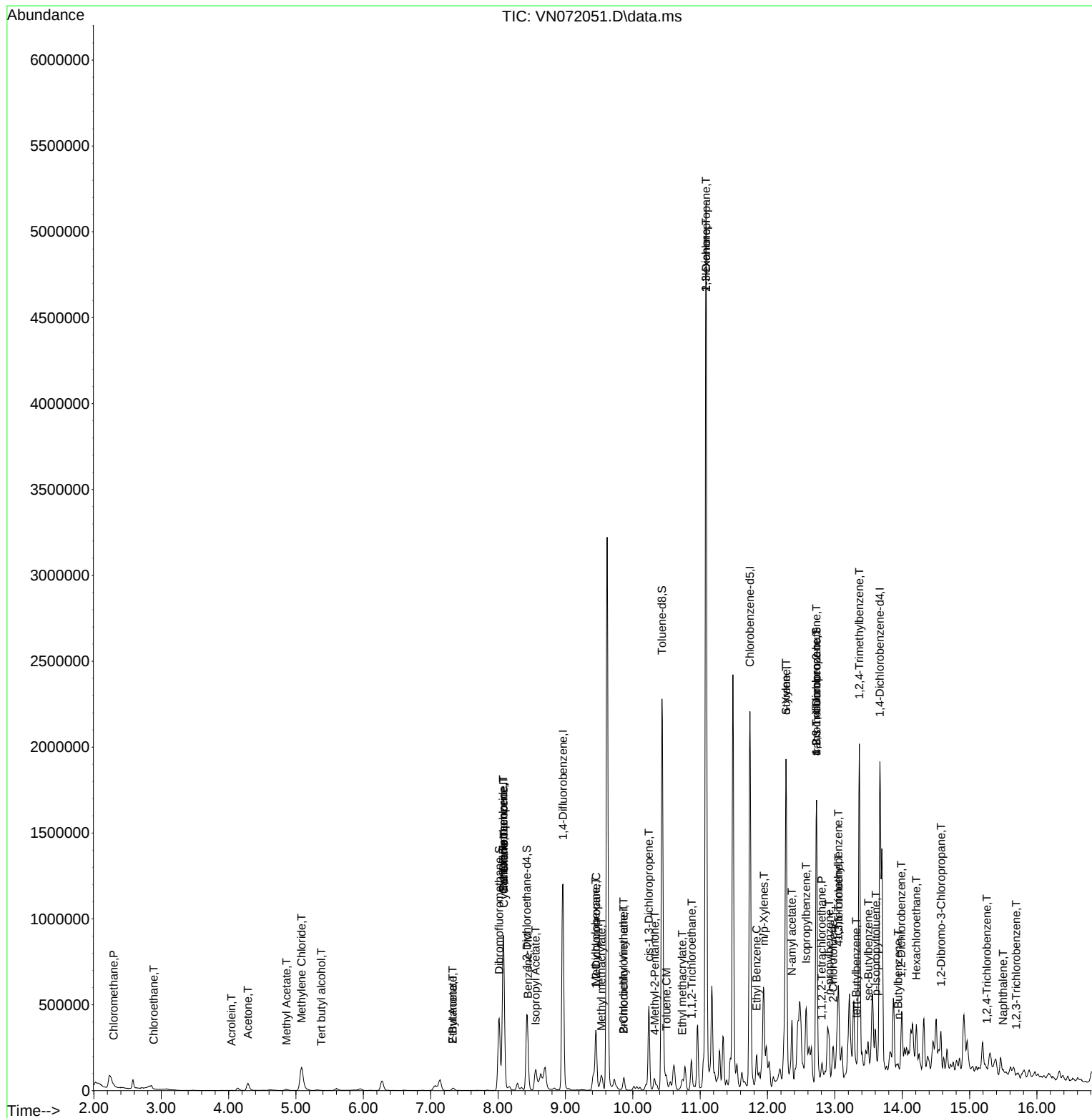
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| 79) 2-Chlorotoluene           | 12.974 | 91   | 8491     | 0.278  | ug/l # | 55       |
| 80) 1,3,5-Trimethylbenzene    | 13.051 | 105  | 103924   | 2.893  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.727 | 75   | 273185   | 67.927 | ug/l # | 11       |
| 82) 4-Chlorotoluene           | 13.057 | 91   | 12117    | 0.427  | ug/l # | 63       |
| 83) tert-Butylbenzene         | 13.316 | 119  | 16103    | 0.490  | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene    | 13.363 | 105  | 1105687  | 31.549 | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.498 | 105  | 56109    | 1.318  | ug/l   | 80       |
| 86) p-Isopropyltoluene        | 13.610 | 119  | 38854    | 1.145  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.939 | 91   | 25471    | 1.012  | ug/l # | 79       |
| 90) Hexachloroethane          | 14.210 | 117  | 11864    | 1.910  | ug/l # | 9        |
| 91) 1,2-Dichlorobenzene       | 13.986 | 146  | 4122     | 0.232  | ug/l # | 1        |
| 92) 1,2-Dibromo-3-Chloropr... | 14.574 | 75   | 1291     | 0.550  | ug/l # | 6        |
| 93) 1,2,4-Trichlorobenzene    | 15.257 | 180  | 992      | 2.197  | ug/l # | 1        |
| 95) Naphthalene               | 15.498 | 128  | 31318    | 4.984  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.692 | 180  | 1138     | 2.545  | ug/l # | 54       |
| -----                         |        |      |          |        |        |          |

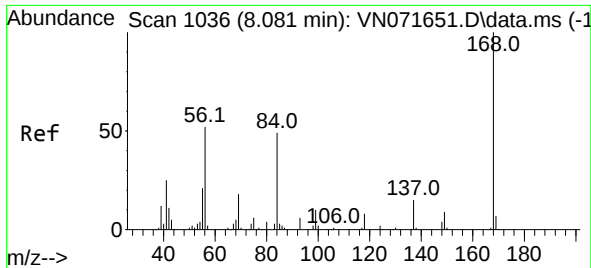
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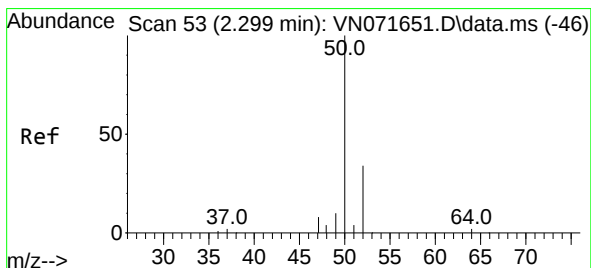
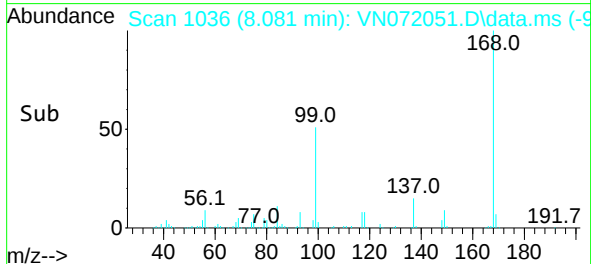
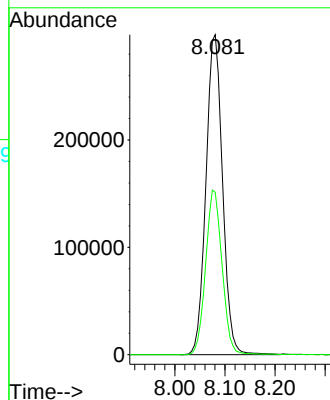
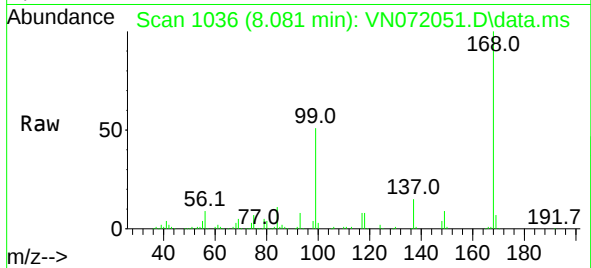




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.081 min Scan# 1036  
Delta R.T. -0.000 min  
Lab File: VN072051.D  
Acq: 19 Apr 2022 15:49

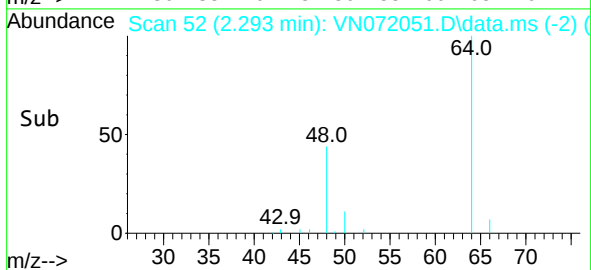
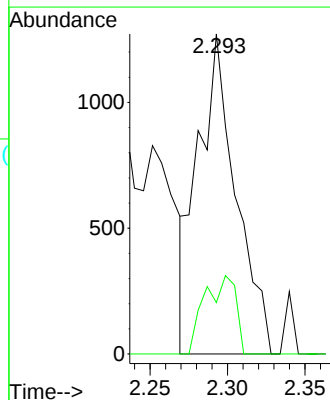
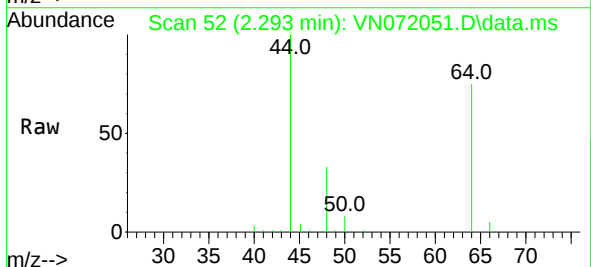
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-5-GR

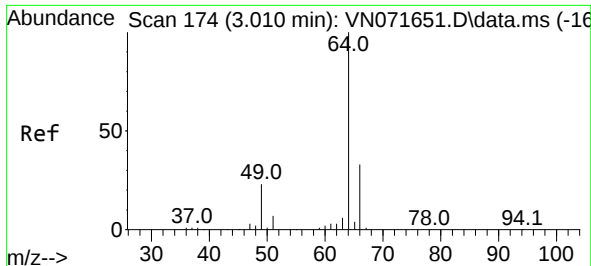
Tgt Ion:168 Resp: 686480  
Ion Ratio Lower Upper  
168 100  
99 50.7 42.3 63.5



#3  
Chloromethane  
Concen: 0.312 ug/l  
RT: 2.293 min Scan# 52  
Delta R.T. -0.006 min  
Lab File: VN072051.D  
Acq: 19 Apr 2022 15:49

Tgt Ion: 50 Resp: 2159  
Ion Ratio Lower Upper  
50 100  
52 16.0 25.7 38.5#

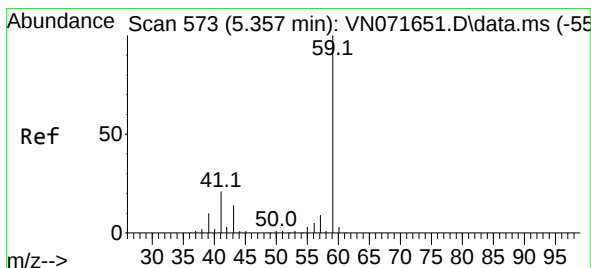
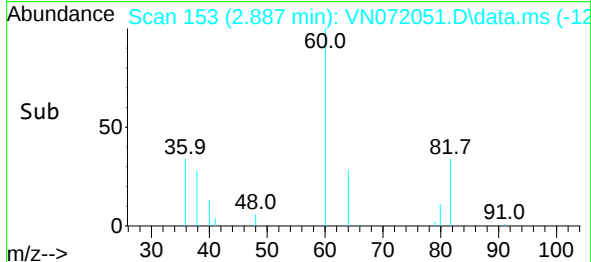
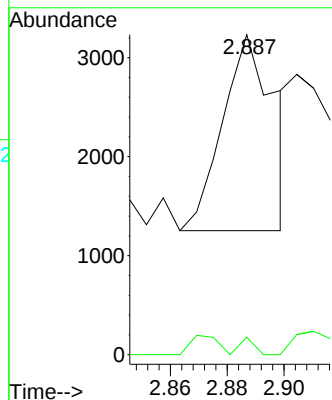
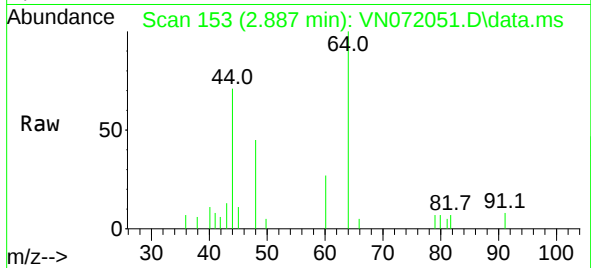




#6  
Chloroethane  
Concen: 0.458 ug/l  
RT: 2.887 min Scan# 11  
Delta R.T. -0.123 min  
Lab File: VN072051.D  
Acq: 19 Apr 2022 15:49

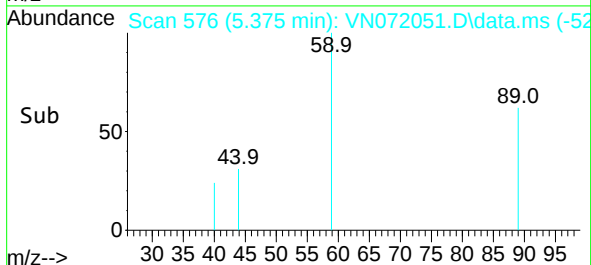
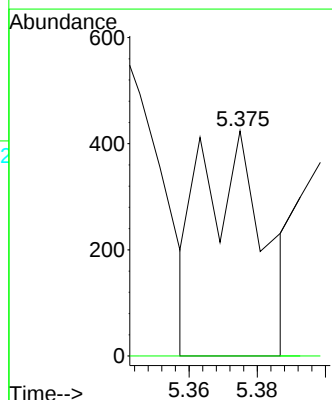
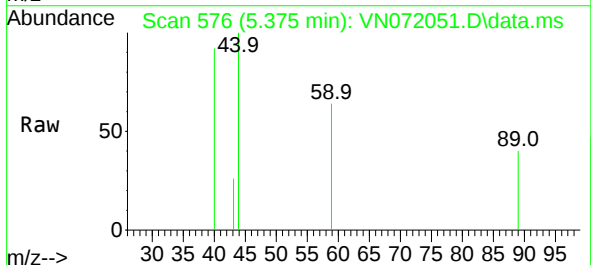
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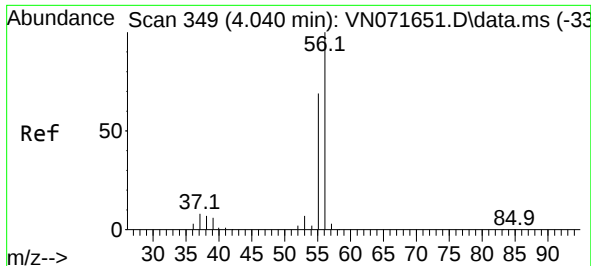
Tgt Ion: 64 Resp: 2502  
Ion Ratio Lower Upper  
64 100  
66 8.9 26.2 39.4#



#11  
Tert butyl alcohol  
Concen: 0.410 ug/l  
RT: 5.375 min Scan# 576  
Delta R.T. 0.018 min  
Lab File: VN072051.D  
Acq: 19 Apr 2022 15:49

Tgt Ion: 59 Resp: 522  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.3 12.5#

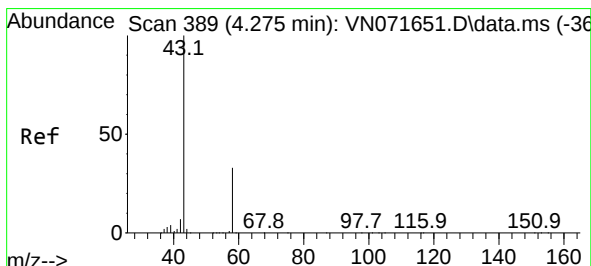
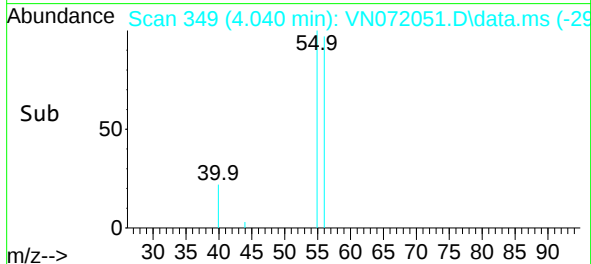
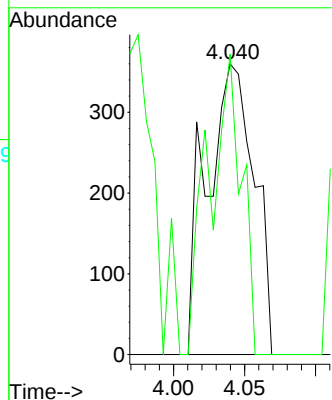
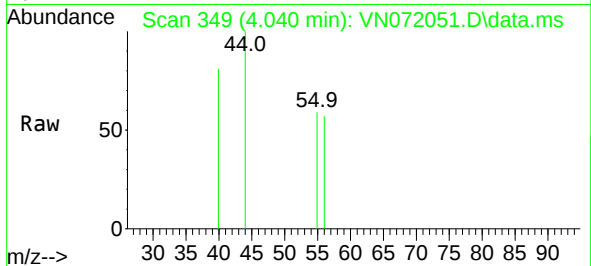




#13  
Acrolein  
Concen: 0.540 ug/l  
RT: 4.040 min Scan# 349  
Delta R.T. -0.000 min  
Lab File: VN072051.D  
Acq: 19 Apr 2022 15:49

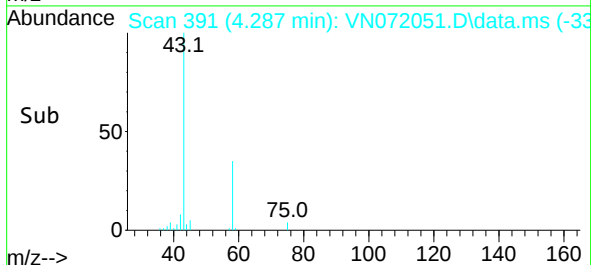
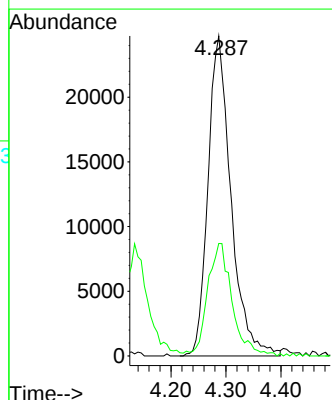
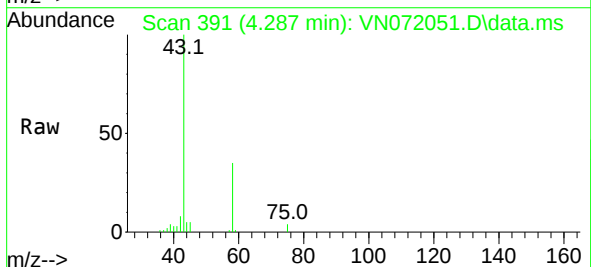
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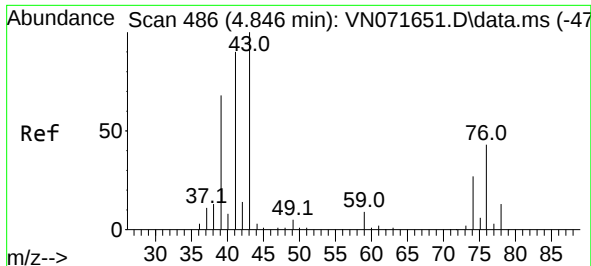
Tgt Ion: 56 Resp: 837  
Ion Ratio Lower Upper  
56 100  
55 71.6 54.8 82.2



#16  
Acetone  
Concen: 21.472 ug/l  
RT: 4.287 min Scan# 391  
Delta R.T. 0.012 min  
Lab File: VN072051.D  
Acq: 19 Apr 2022 15:49

Tgt Ion: 43 Resp: 71916  
Ion Ratio Lower Upper  
43 100  
58 34.4 26.0 39.0

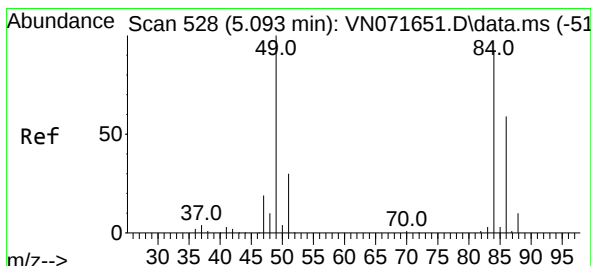
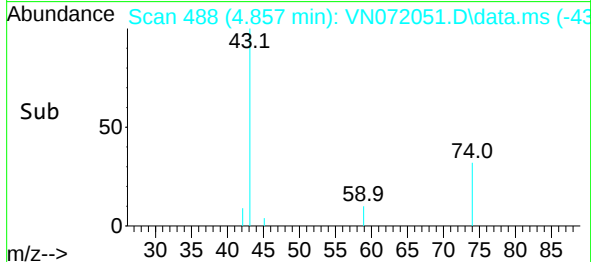
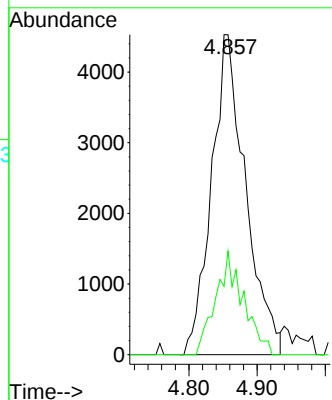
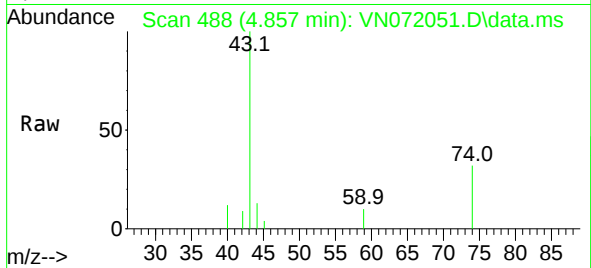




#18  
Methyl Acetate  
Concen: 0.399 ug/l  
RT: 4.857 min Scan# 41  
Delta R.T. 0.011 min  
Lab File: VN072051.D  
Acq: 19 Apr 2022 15:49

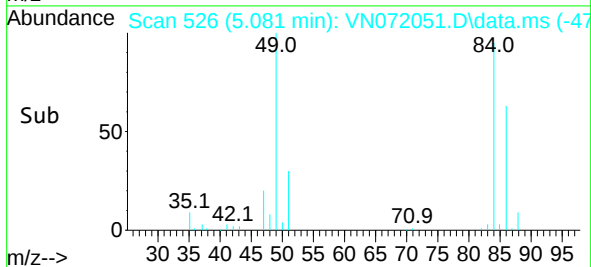
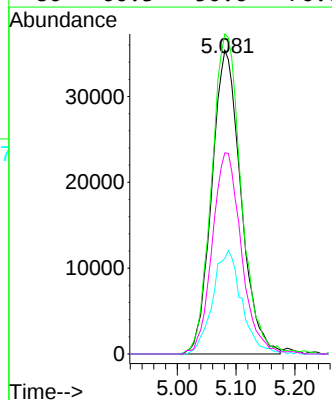
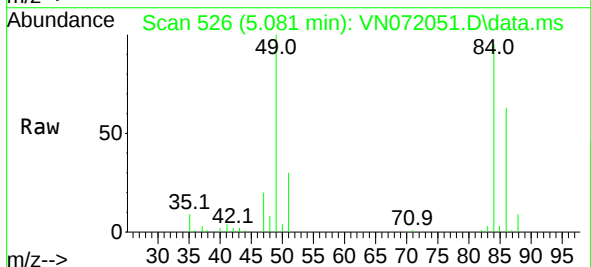
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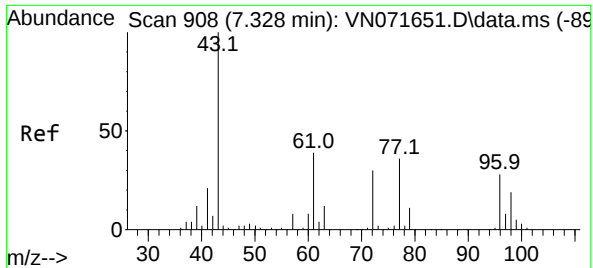
Tgt Ion: 43 Resp: 15764  
Ion Ratio Lower Upper  
43 100  
74 26.2 21.6 32.4



#20  
Methylene Chloride  
Concen: 17.249 ug/l  
RT: 5.081 min Scan# 526  
Delta R.T. -0.012 min  
Lab File: VN072051.D  
Acq: 19 Apr 2022 15:49

Tgt Ion: 84 Resp: 121765  
Ion Ratio Lower Upper  
84 100  
49 105.4 88.3 132.5  
51 31.6 28.2 42.2  
86 66.3 50.6 76.0

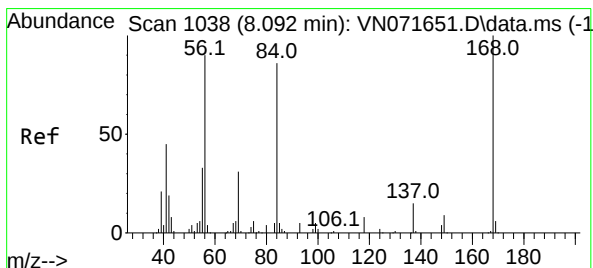
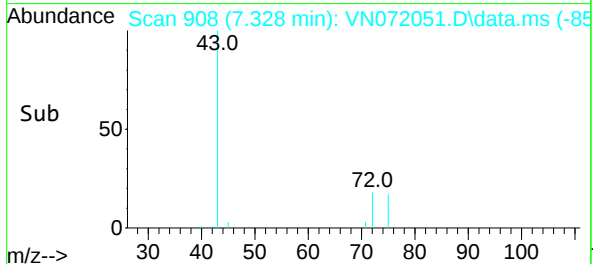
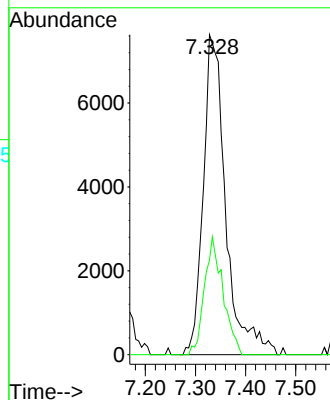
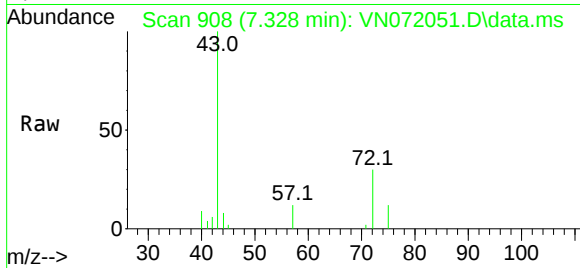




#25  
2-Butanone  
Concen: 4.911 ug/l  
RT: 7.328 min Scan# 908  
Delta R.T. -0.000 min  
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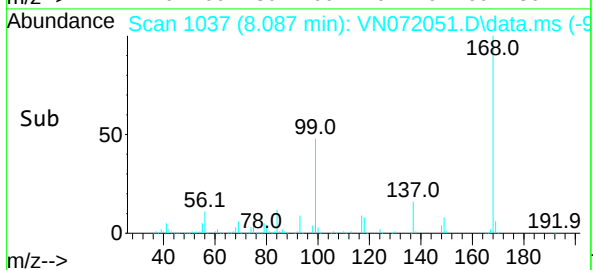
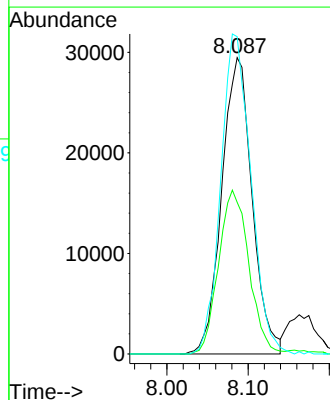
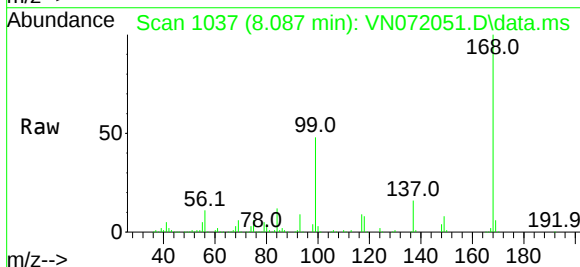
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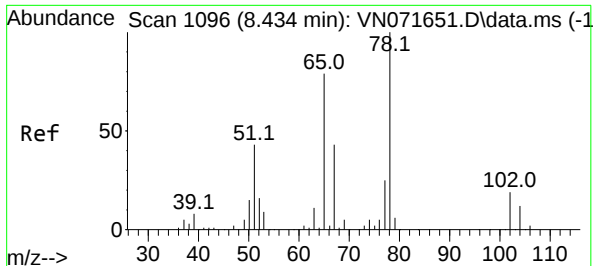
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Ion Ratio Lower Upper  
43 100  
72 29.5 23.7 35.5



#31  
Cyclohexane  
Concen: 7.188 ug/l  
RT: 8.087 min Scan# 1037  
Delta R.T. -0.005 min  
Lab File: VN072051.D  
Acq: 19 Apr 2022 15:49

Tgt Ion: 56 Resp: 76604  
Ion Ratio Lower Upper  
56 100  
69 51.2 27.8 41.8#  
84 107.1 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 46.294 ug/l

RT: 8.428 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VN072051.D

Acq: 19 Apr 2022 15:49

Instrument :

MSVOA\_N

ClientSampleId :

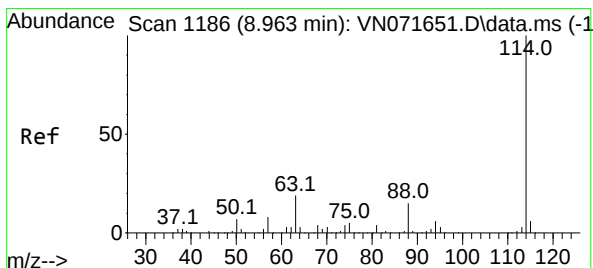
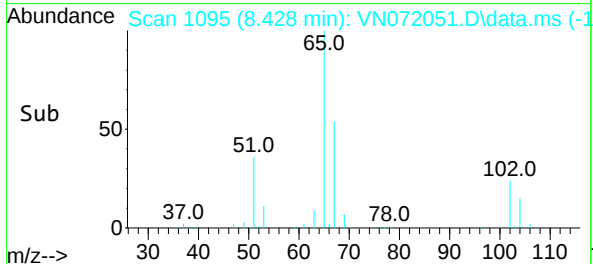
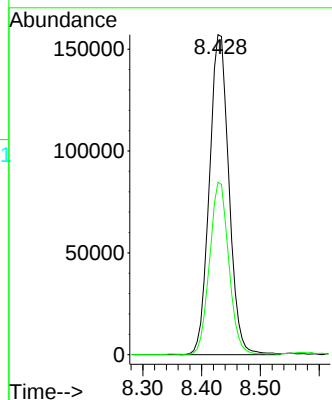
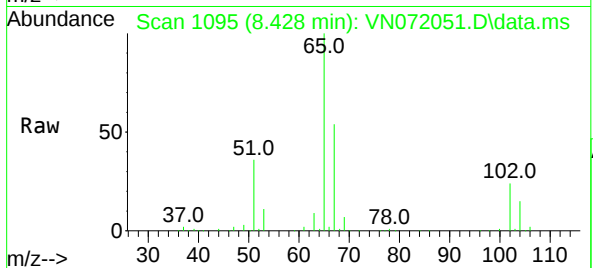
WC-15-1-5-GR

Tgt Ion: 65 Resp: 362805

Ion Ratio Lower Upper

65 100

67 52.6 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: VN072051.D

Acq: 19 Apr 2022 15:49

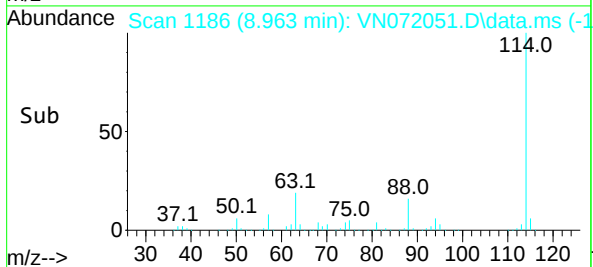
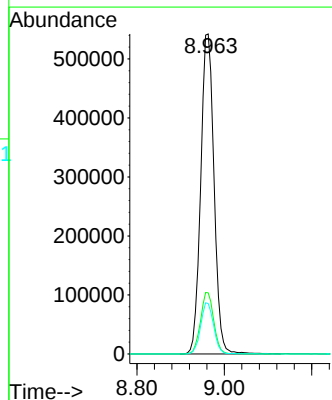
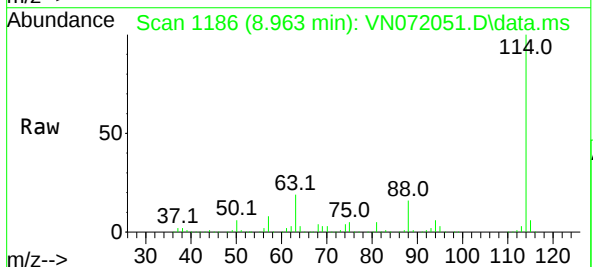
Tgt Ion: 114 Resp: 1153736

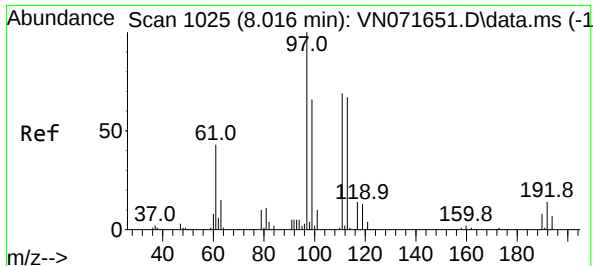
Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.0

88 15.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 46.637 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072051.D

Acq: 19 Apr 2022 15:49

Instrument :

MSVOA\_N

ClientSampleId :

WC-15-1-5-GR

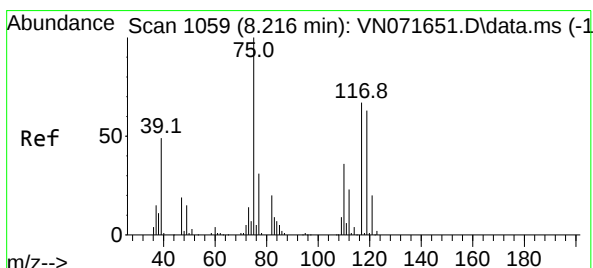
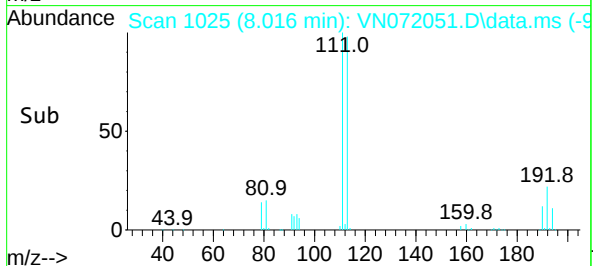
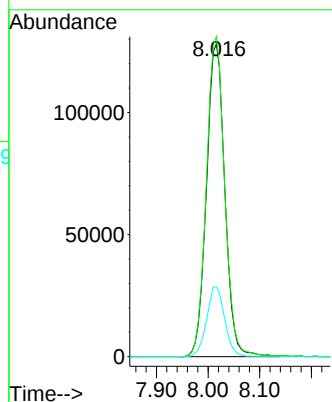
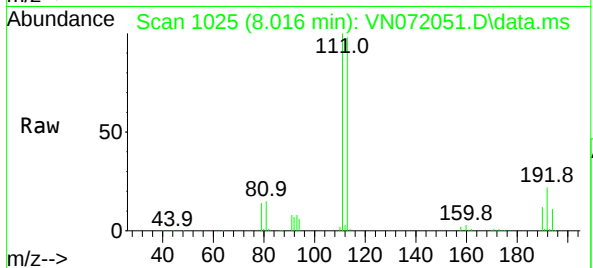
Tgt Ion:113 Resp: 316624

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

192 22.0 17.0 25.6



#36

1,1-Dichloropropene

Concen: 4.768 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN072051.D

Acq: 19 Apr 2022 15:49

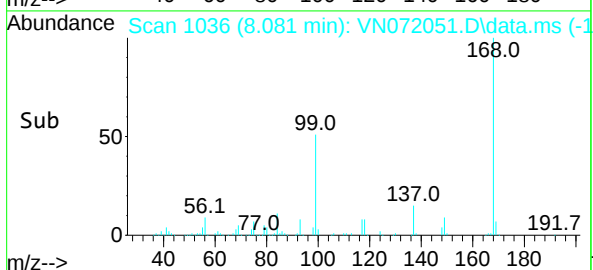
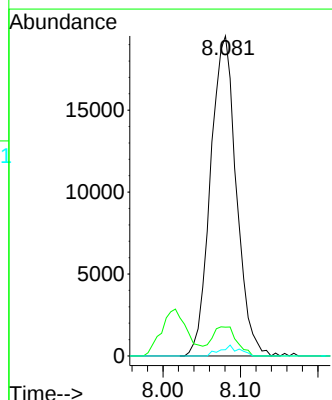
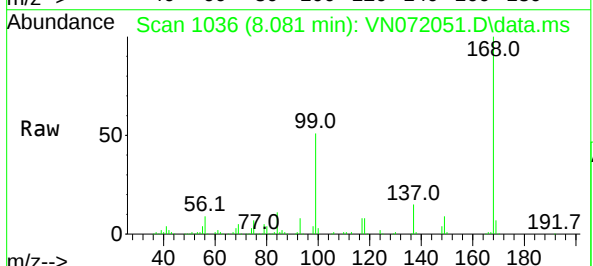
Tgt Ion: 75 Resp: 45206

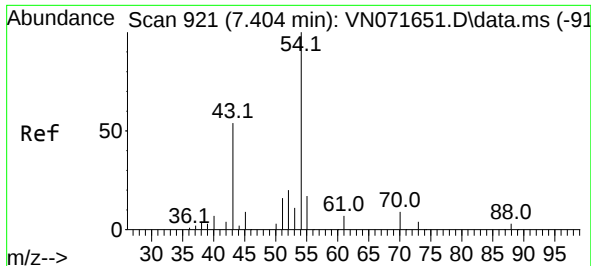
Ion Ratio Lower Upper

75 100

110 8.8 18.3 54.8#

77 2.4 25.1 37.7#

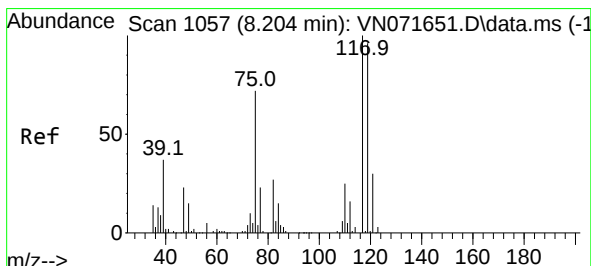
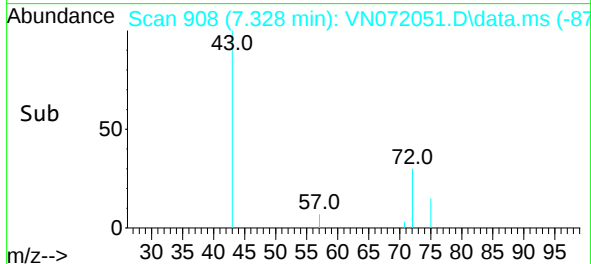
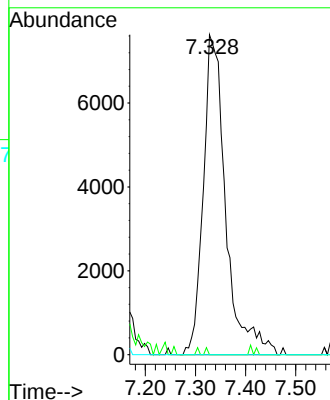
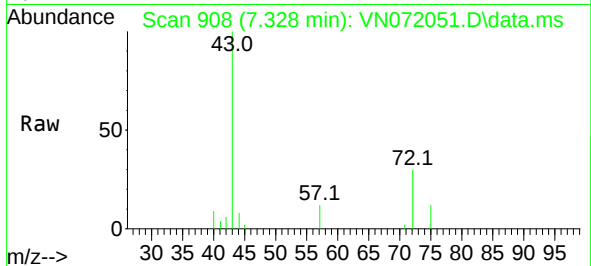




#37  
Ethyl Acetate  
Concen: 2.285 ug/l  
RT: 7.328 min Scan# 90  
Delta R.T. -0.076 min  
Lab File: VN072051.D  
Acq: 19 Apr 2022 15:49

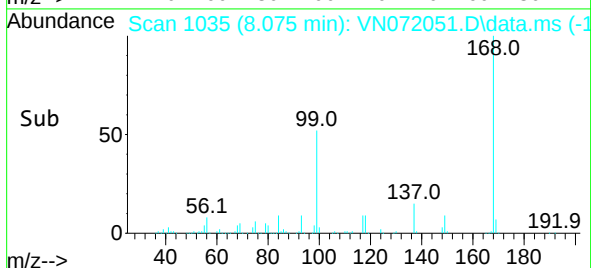
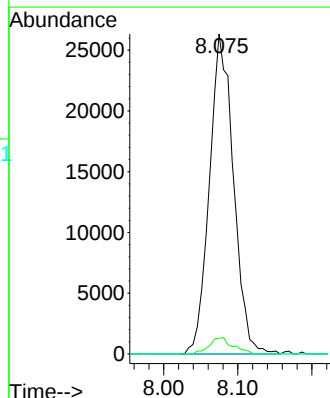
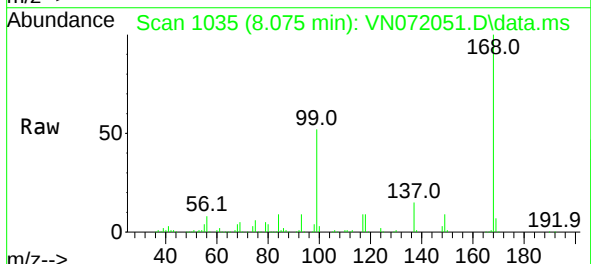
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-5-GR

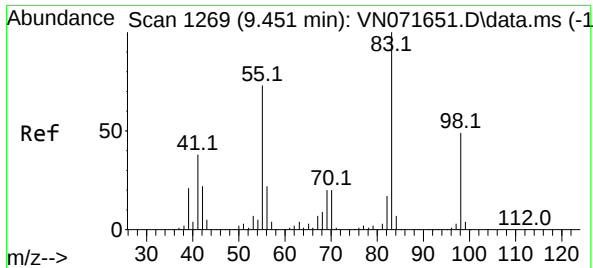
Tgt Ion: 43 Resp: 23710  
Ion Ratio Lower Upper  
43 100  
61 0.0 11.8 17.6#  
70 0.0 9.3 13.9#



#38  
Carbon Tetrachloride  
Concen: 6.399 ug/l  
RT: 8.075 min Scan# 1035  
Delta R.T. -0.129 min  
Lab File: VN072051.D  
Acq: 19 Apr 2022 15:49

Tgt Ion: 117 Resp: 59453  
Ion Ratio Lower Upper  
117 100  
119 4.9 75.8 113.8#  
121 0.0 24.6 37.0#





#39

Methylcyclohexane

Concen: 14.156 ug/l

RT: 9.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN072051.D

Acq: 19 Apr 2022 15:49

Instrument :

MSVOA\_N

ClientSampleId :

WC-15-1-5-GR

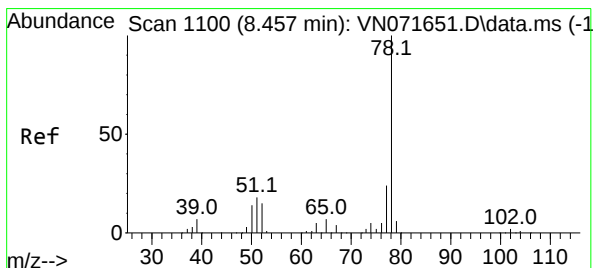
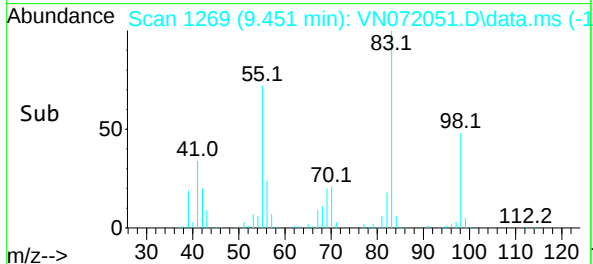
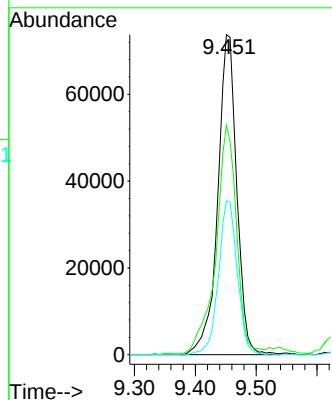
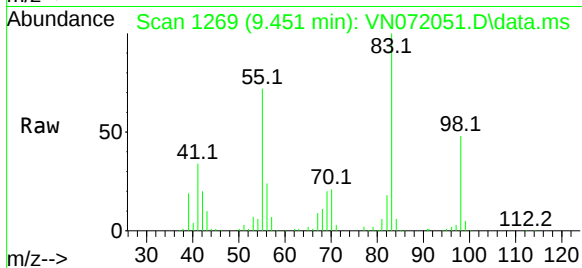
Tgt Ion: 83 Resp: 159755

Ion Ratio Lower Upper

83 100

55 71.4 57.8 86.8

98 48.1 39.4 59.2



#40

Benzene

Concen: 0.625 ug/l

RT: 8.445 min Scan# 1098

Delta R.T. -0.012 min

Lab File: VN072051.D

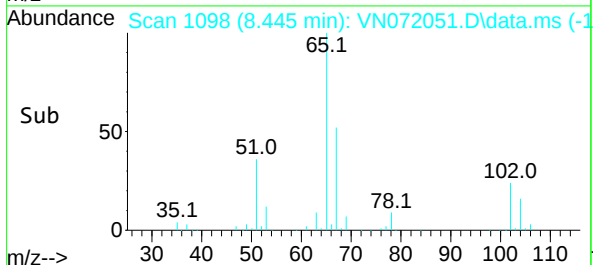
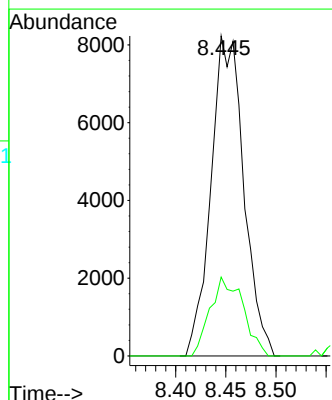
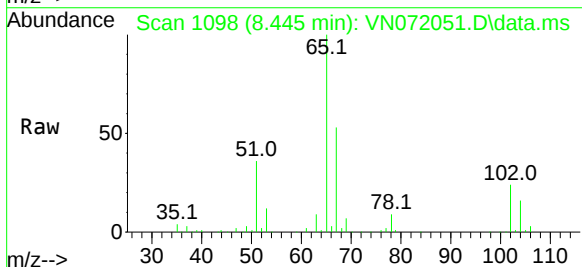
Acq: 19 Apr 2022 15:49

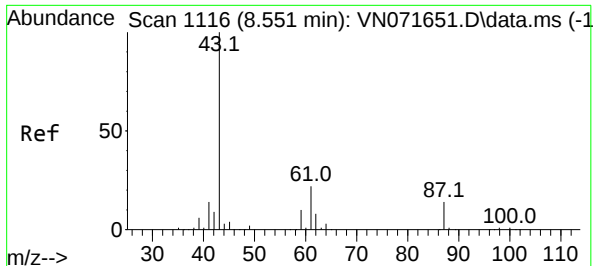
Tgt Ion: 78 Resp: 18710

Ion Ratio Lower Upper

78 100

77 24.6 19.4 29.0

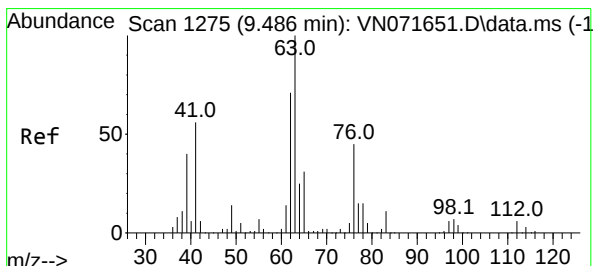
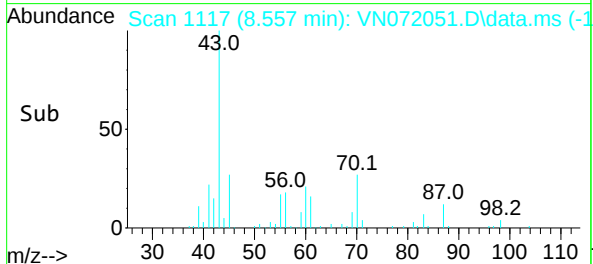
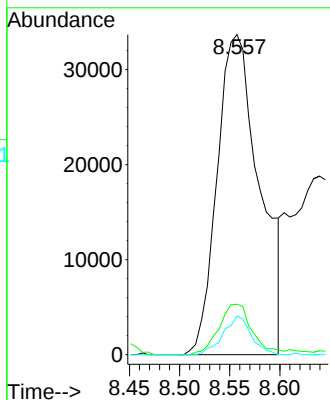
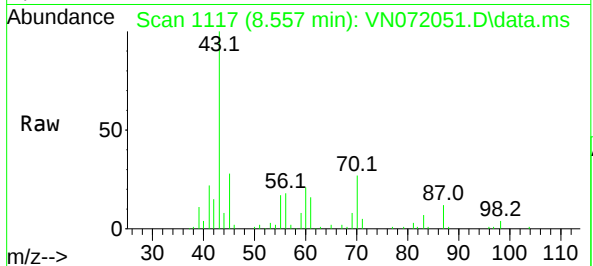




#43  
Isopropyl Acetate  
Concen: 5.776 ug/l  
RT: 8.557 min Scan# 1116  
Delta R.T. 0.006 min  
Lab File: VN072051.D  
Acq: 19 Apr 2022 15:49

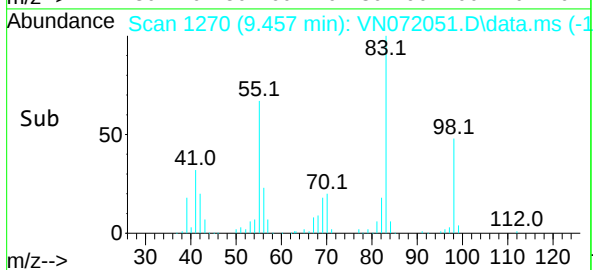
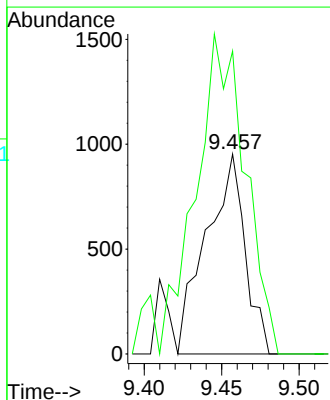
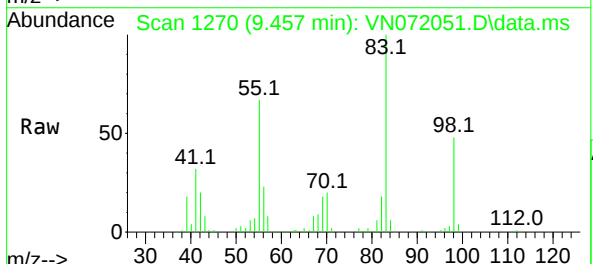
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-5-GR

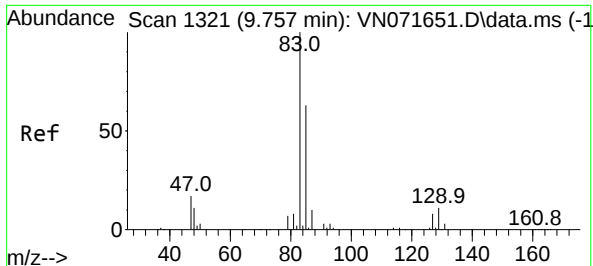
Tgt Ion: 43 Resp: 99696  
Ion Ratio Lower Upper  
43 100  
61 12.3 21.9 32.9#  
87 7.9 12.0 18.0#



#45  
1,2-Dichloropropane  
Concen: 0.222 ug/l  
RT: 9.457 min Scan# 1270  
Delta R.T. -0.029 min  
Lab File: VN072051.D  
Acq: 19 Apr 2022 15:49

Tgt Ion: 63 Resp: 1660  
Ion Ratio Lower Upper  
63 100  
65 151.5 24.9 37.3#

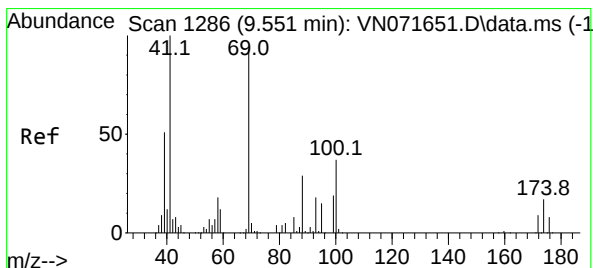
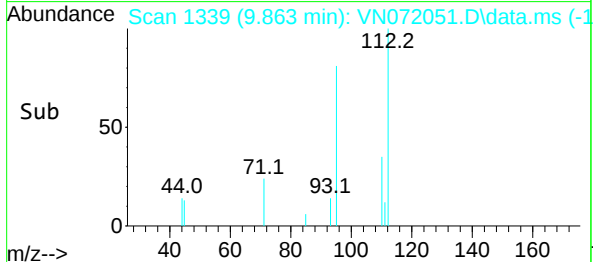
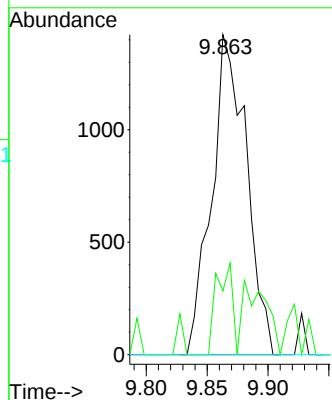
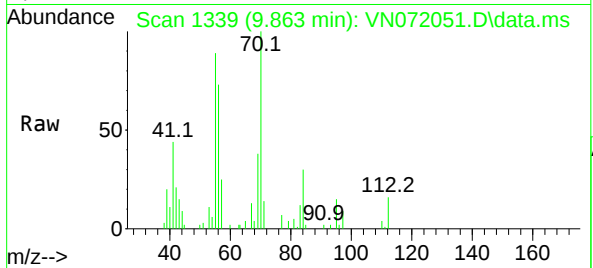




#47  
Bromodichloromethane  
Concen: 0.282 ug/l  
RT: 9.863 min Scan# 11  
Delta R.T. 0.106 min  
Lab File: VN072051.D  
Acq: 19 Apr 2022 15:49

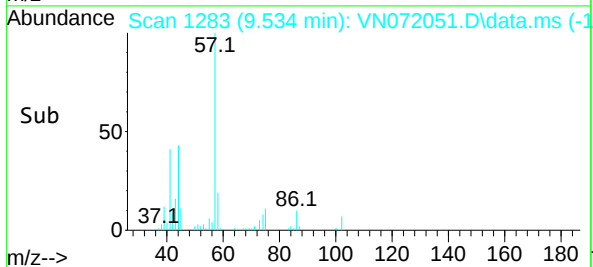
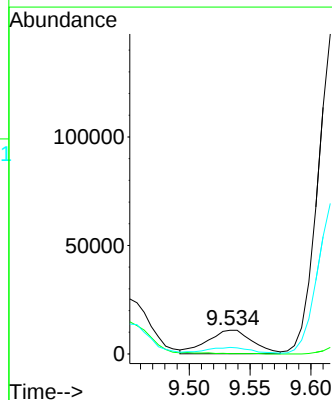
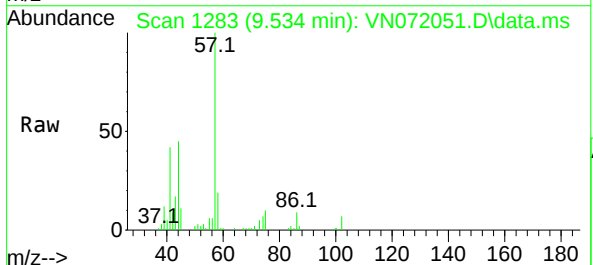
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-5-GR

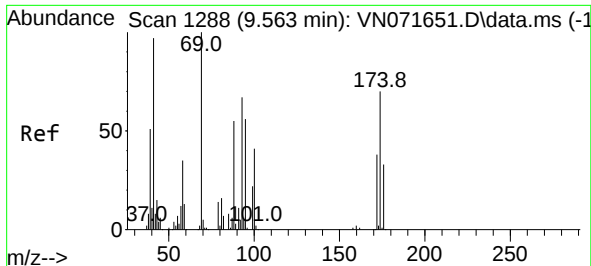
Tgt Ion: 83 Resp: 2823  
Ion Ratio Lower Upper  
83 100  
85 20.0 50.5 75.7#  
127 0.0 6.8 10.2#



#48  
Methyl methacrylate  
Concen: 3.889 ug/l  
RT: 9.534 min Scan# 1283  
Delta R.T. -0.018 min  
Lab File: VN072051.D  
Acq: 19 Apr 2022 15:49

Tgt Ion: 41 Resp: 27849  
Ion Ratio Lower Upper  
41 100  
69 0.0 74.7 112.1#  
39 26.3 45.6 68.4#

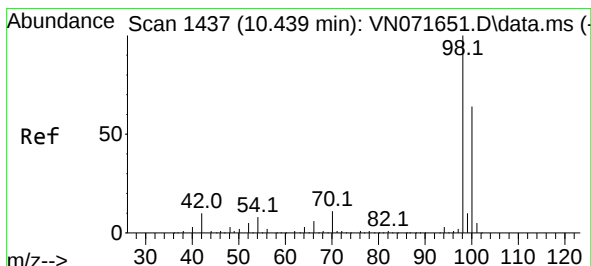
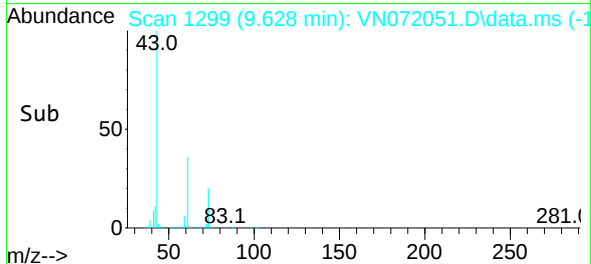
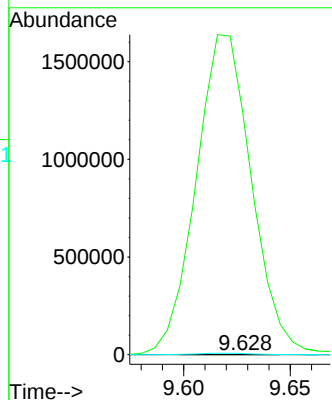
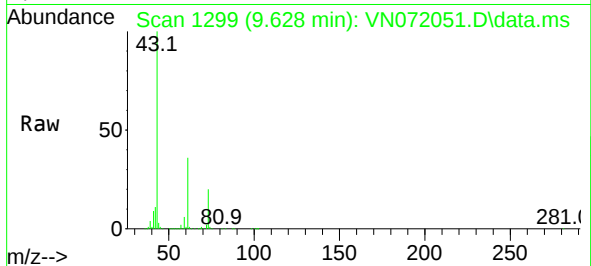




#49  
1,4-Dioxane  
Concen: Below Cal  
RT: 9.628 min Scan# 11  
Delta R.T. 0.065 min  
Lab File: VN072051.D  
Acq: 19 Apr 2022 15:49

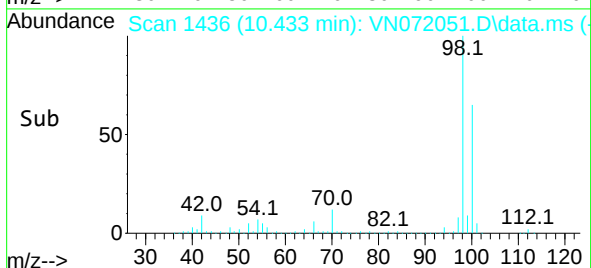
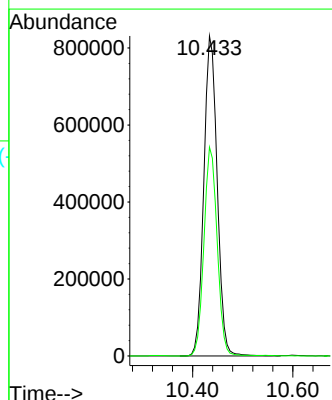
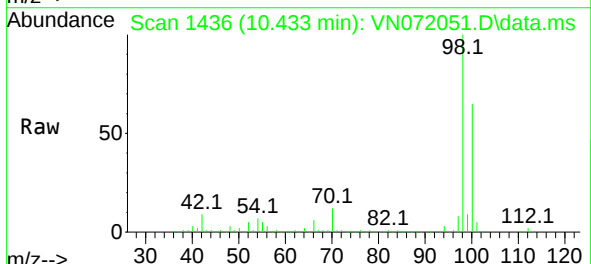
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-5-GR

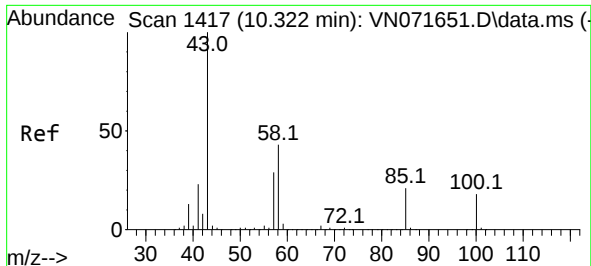
Tgt Ion: 88 Resp: 520  
Ion Ratio Lower Upper  
88 100  
43 578760.8 20.2 30.4#  
58 2719.0 54.2 81.4#



#50  
Toluene-d8  
Concen: 55.525 ug/l  
RT: 10.433 min Scan# 1436  
Delta R.T. -0.006 min  
Lab File: VN072051.D  
Acq: 19 Apr 2022 15:49

Tgt Ion: 98 Resp: 1542081  
Ion Ratio Lower Upper  
98 100  
100 64.6 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 1.299 ug/l

RT: 10.328 min Scan# 1417

Delta R.T. 0.006 min

Lab File: VN072051.D

Acq: 19 Apr 2022 15:49

Instrument :

MSVOA\_N

ClientSampleId :

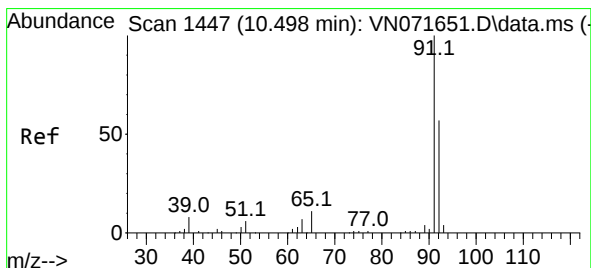
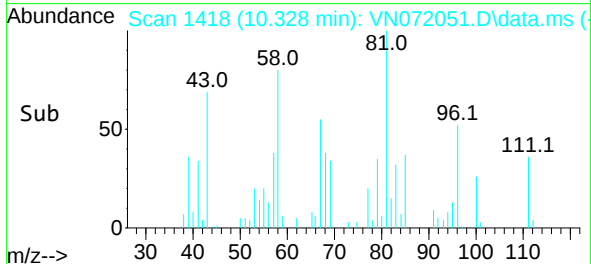
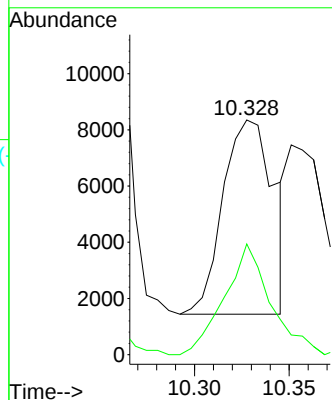
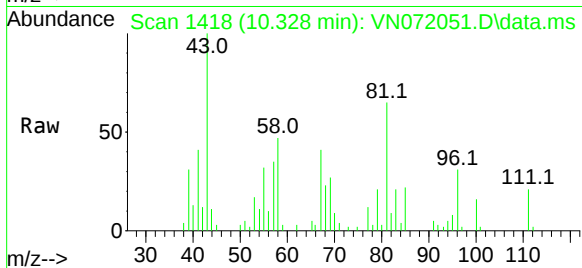
WC-15-1-5-GR

Tgt Ion: 43 Resp: 12888

Ion Ratio Lower Upper

43 100

58 52.2 34.1 51.1#



#52

Toluene

Concen: 1.606 ug/l

RT: 10.498 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VN072051.D

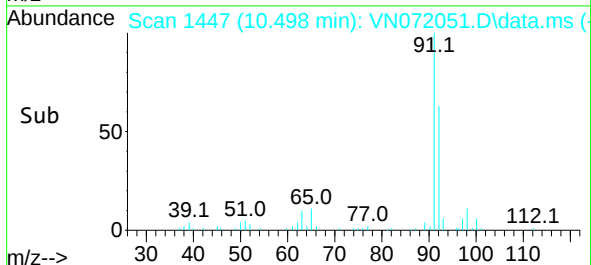
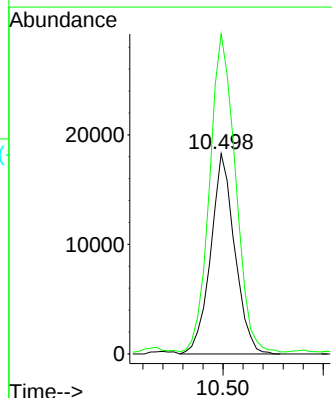
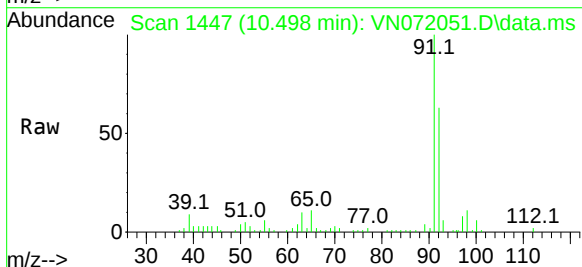
Acq: 19 Apr 2022 15:49

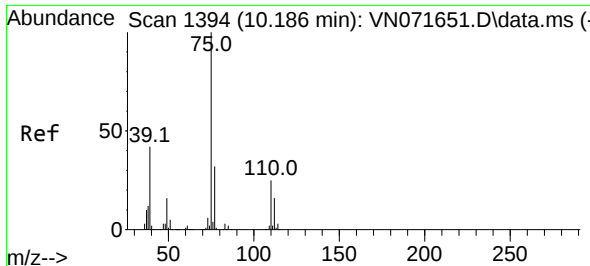
Tgt Ion: 92 Resp: 30401

Ion Ratio Lower Upper

92 100

91 171.5 138.6 207.8

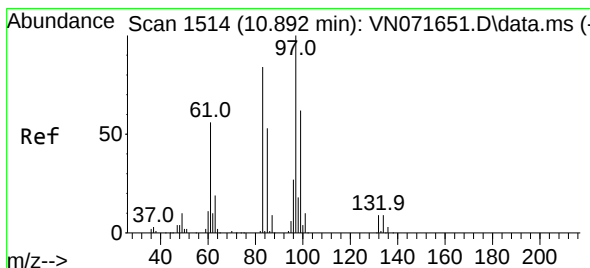
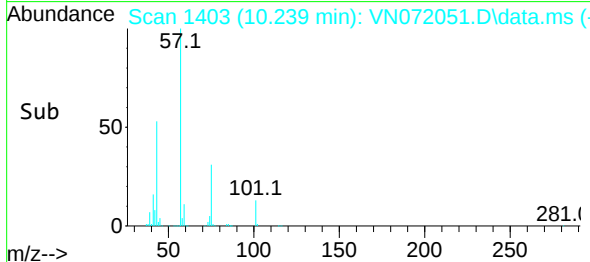
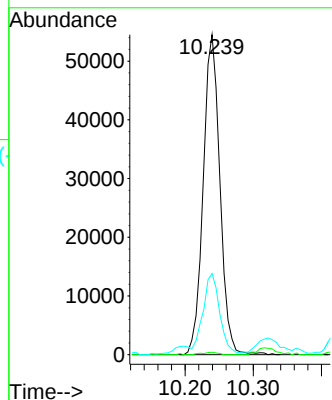
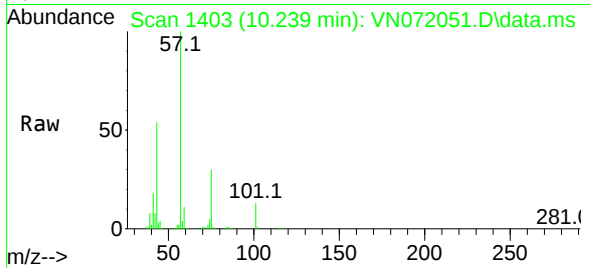




#54  
 cis-1,3-Dichloropropene  
 Concen: 8.022 ug/l  
 RT: 10.239 min Scan# 1403  
 Delta R.T. 0.053 min  
 Lab File: VN072051.D  
 Acq: 19 Apr 2022 15:49

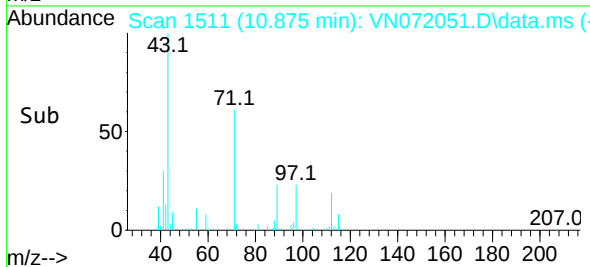
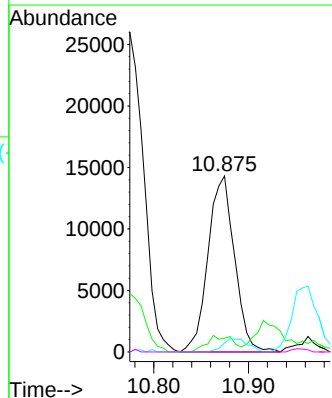
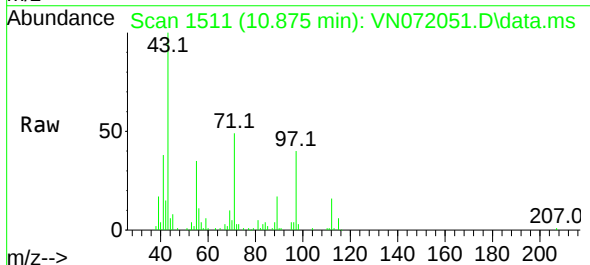
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-15-1-5-GR

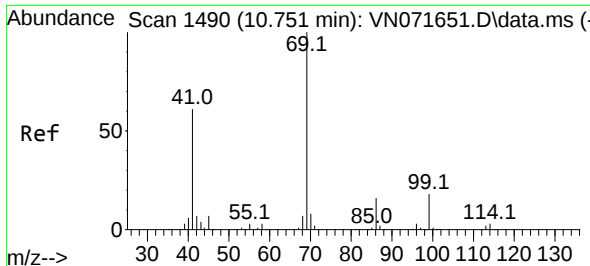
Tgt Ion: 75 Resp: 92892  
 Ion Ratio Lower Upper  
 75 100  
 77 0.4 25.2 37.8#  
 39 23.1 35.7 53.5#



#55  
 1,1,2-Trichloroethane  
 Concen: 3.579 ug/l  
 RT: 10.875 min Scan# 1511  
 Delta R.T. -0.017 min  
 Lab File: VN072051.D  
 Acq: 19 Apr 2022 15:49

Tgt Ion: 97 Resp: 27883  
 Ion Ratio Lower Upper  
 97 100  
 83 7.9 66.2 99.4#  
 85 5.1 43.9 65.9#  
 99 0.0 50.6 76.0#

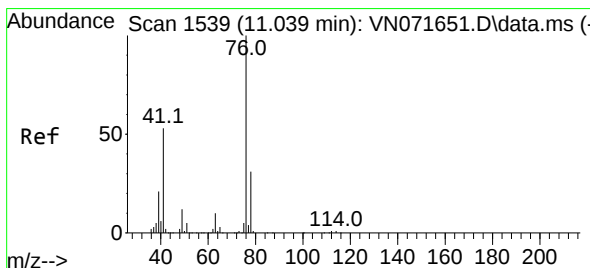
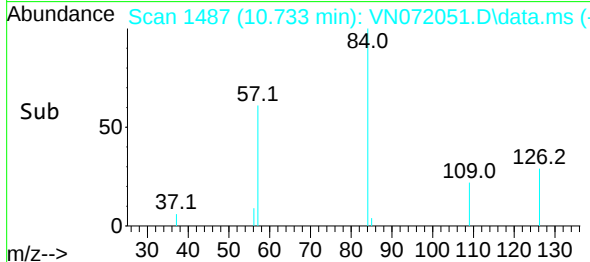
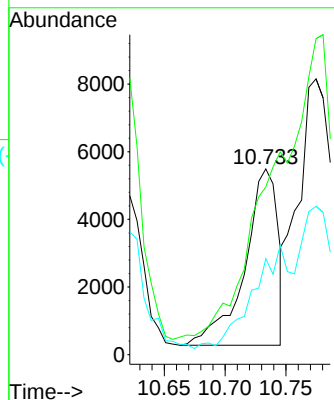
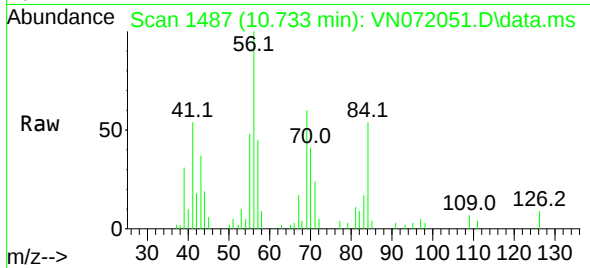




#56  
Ethyl methacrylate  
Concen: 0.891 ug/l  
RT: 10.733 min Scan# 1490  
Delta R.T. -0.018 min  
Lab File: VN072051.D  
Acq: 19 Apr 2022 15:49

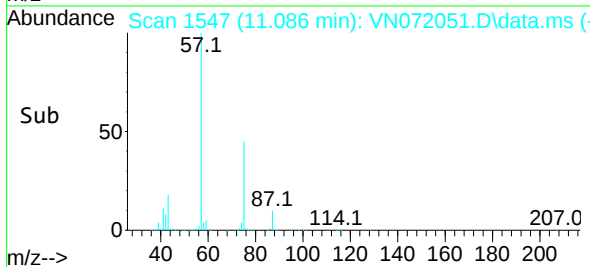
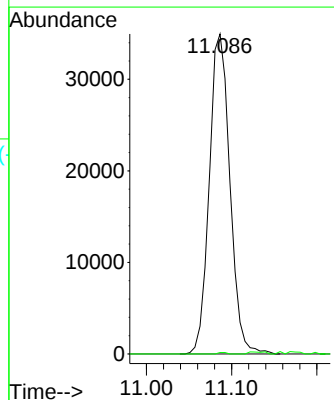
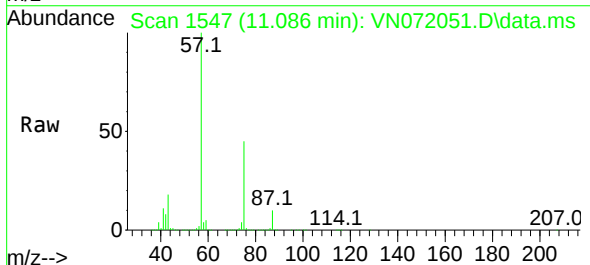
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-5-GR

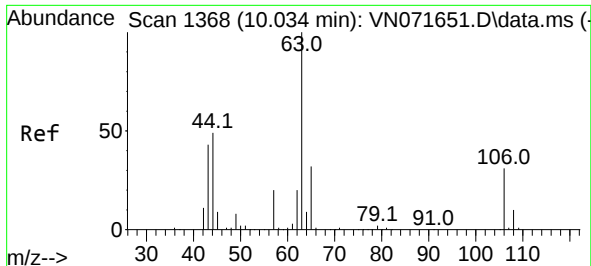
Tgt Ion: 69 Resp: 9909  
Ion Ratio Lower Upper  
69 100  
41 0.0 47.8 71.6#  
39 68.3 27.3 40.9#



#57  
1,3-Dichloropropane  
Concen: 4.519 ug/l  
RT: 11.086 min Scan# 1547  
Delta R.T. 0.047 min  
Lab File: VN072051.D  
Acq: 19 Apr 2022 15:49

Tgt Ion: 76 Resp: 58865  
Ion Ratio Lower Upper  
76 100  
78 0.2 26.2 39.2#

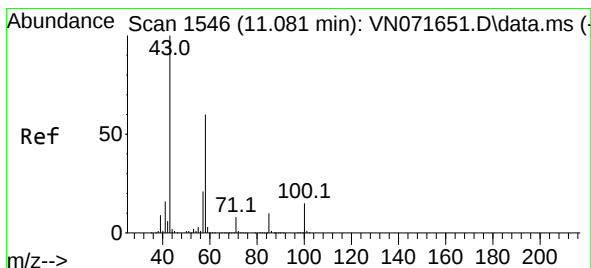
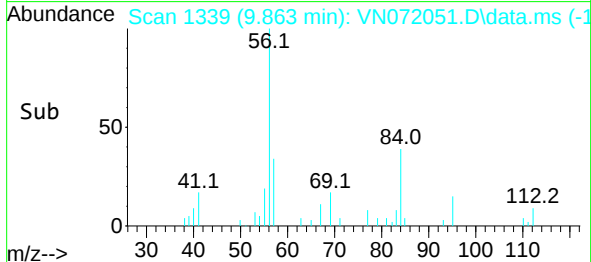
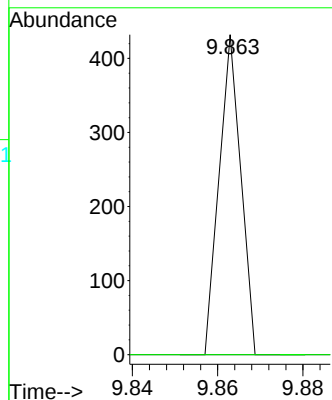
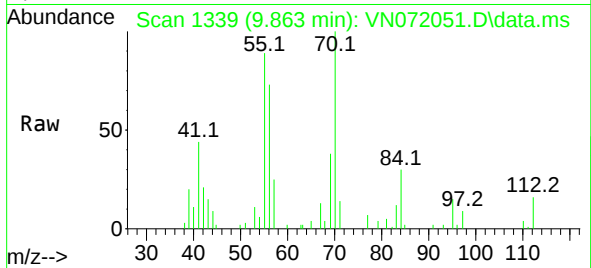




#58  
2-Chloroethyl Vinyl ether  
Concen: 17.008 ug/l  
RT: 9.863 min Scan# 11  
Delta R.T. -0.171 min  
Lab File: VN072051.D  
Acq: 19 Apr 2022 15:49

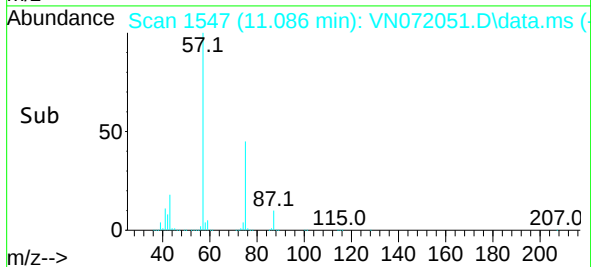
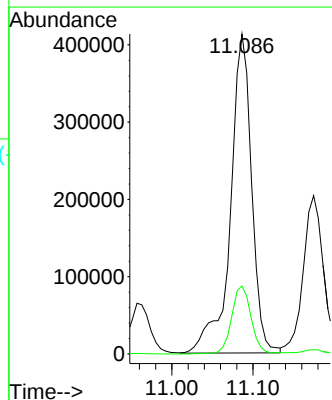
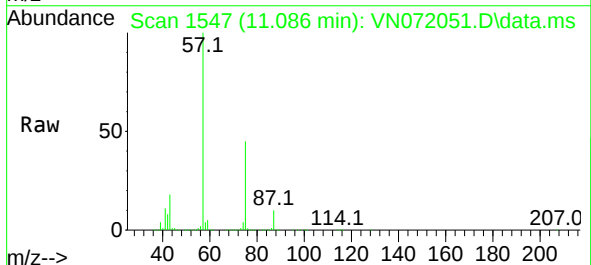
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-5-GR

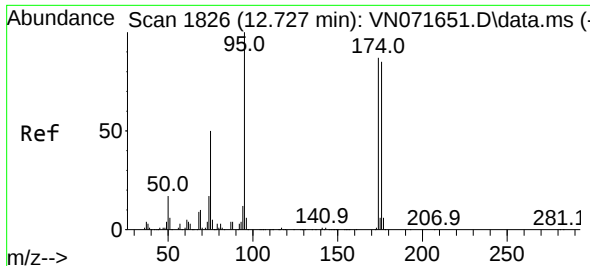
Tgt Ion: 63 Resp: 152  
Ion Ratio Lower Upper  
63 100  
106 0.0 24.6 36.8#



#59  
2-Hexanone  
Concen: 107.372 ug/l  
RT: 11.086 min Scan# 1547  
Delta R.T. 0.005 min  
Lab File: VN072051.D  
Acq: 19 Apr 2022 15:49

Tgt Ion: 43 Resp: 750174  
Ion Ratio Lower Upper  
43 100  
58 19.7 29.7 89.1#

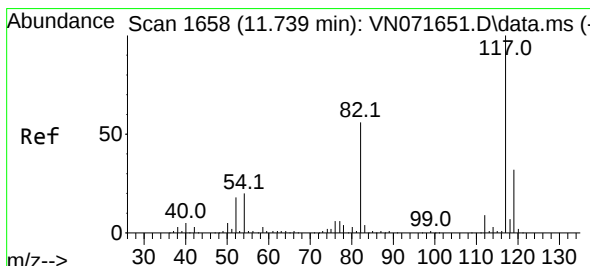
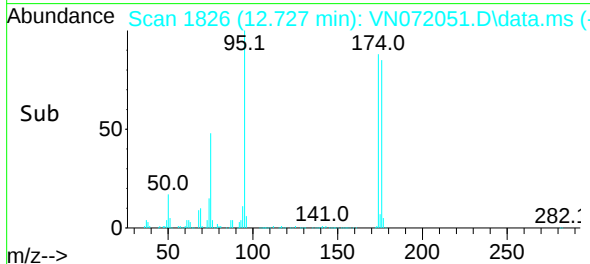
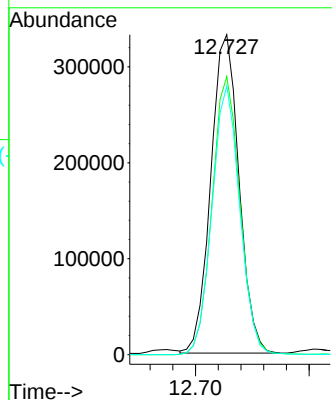
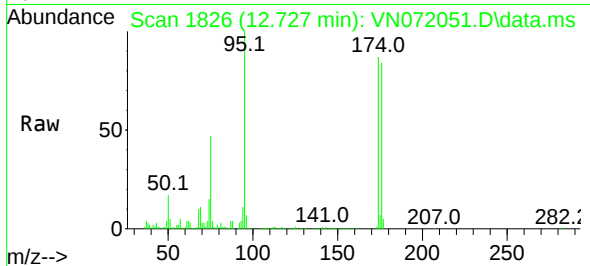




#62  
4-Bromofluorobenzene  
Concen: 63.695 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN072051.D  
Acq: 19 Apr 2022 15:49

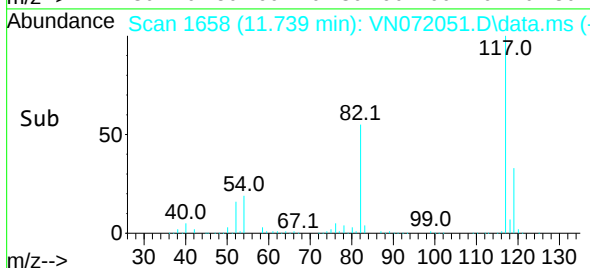
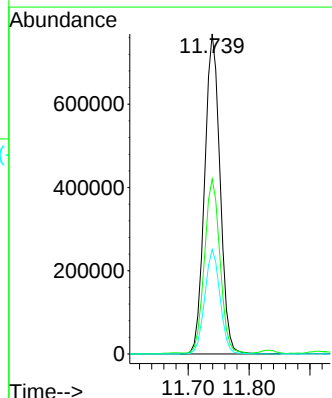
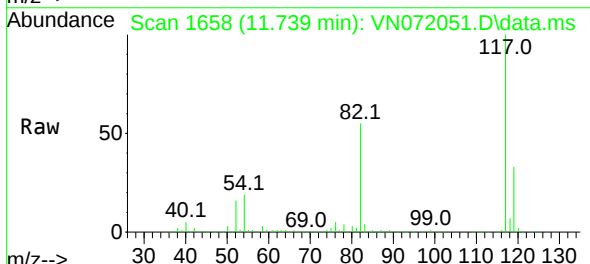
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-5-GR

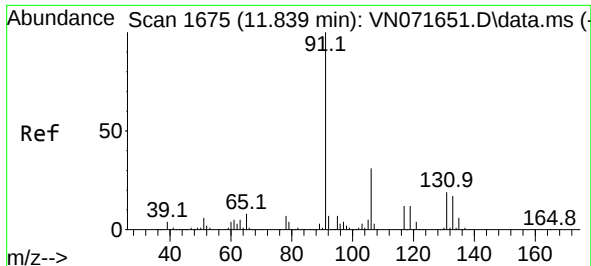
Tgt Ion: 95 Resp: 572112  
Ion Ratio Lower Upper  
95 100  
174 86.3 0.0 167.6  
176 83.0 0.0 163.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 1658  
Delta R.T. 0.000 min  
Lab File: VN072051.D  
Acq: 19 Apr 2022 15:49

Tgt Ion: 117 Resp: 1354307  
Ion Ratio Lower Upper  
117 100  
82 54.4 44.2 66.2  
119 32.7 25.4 38.0

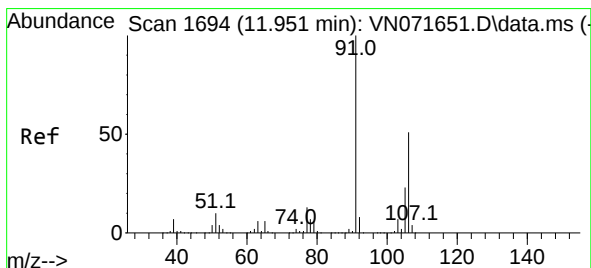
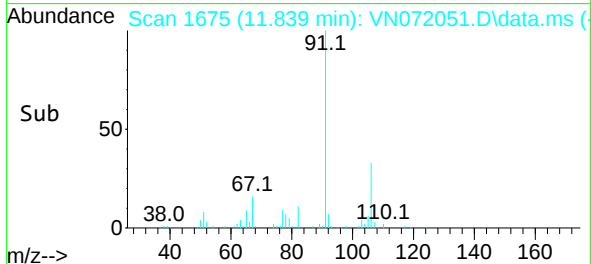
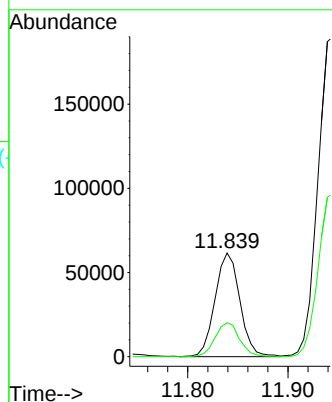
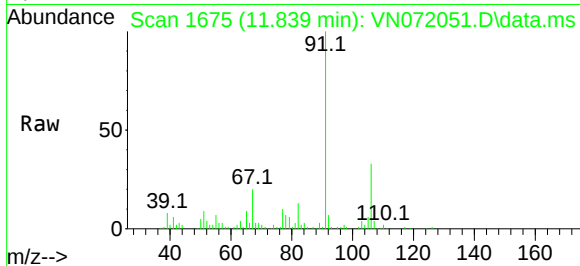




#67  
Ethyl Benzene  
Concen: 2.304 ug/l  
RT: 11.839 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VN072051.D  
Acq: 19 Apr 2022 15:49

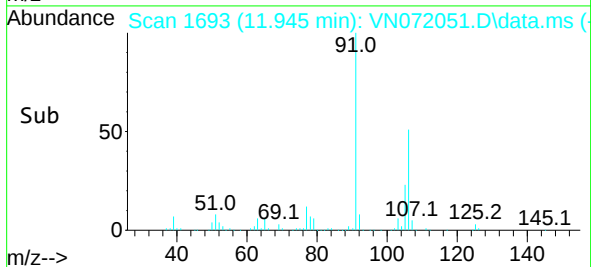
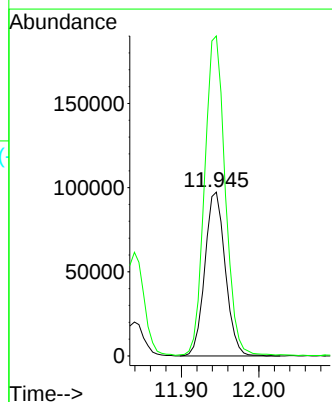
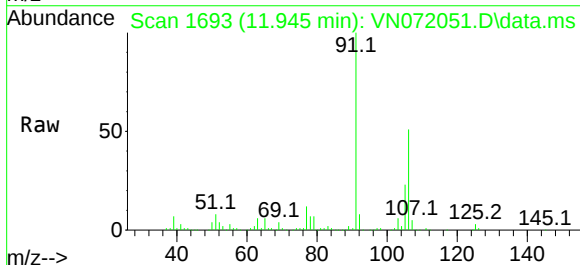
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-5-GR

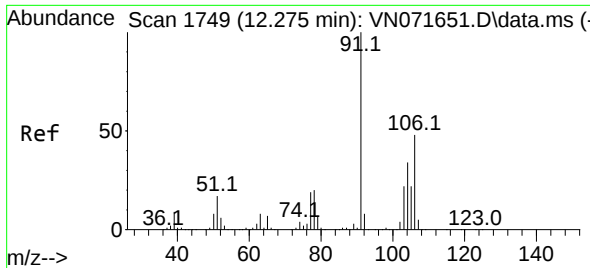
Tgt Ion: 91 Resp: 105790  
Ion Ratio Lower Upper  
91 100  
106 32.7 24.9 37.3



#68  
m/p-Xylenes  
Concen: 10.102 ug/l  
RT: 11.945 min Scan# 1693  
Delta R.T. -0.006 min  
Lab File: VN072051.D  
Acq: 19 Apr 2022 15:49

Tgt Ion: 106 Resp: 178194  
Ion Ratio Lower Upper  
106 100  
91 197.7 158.9 238.3

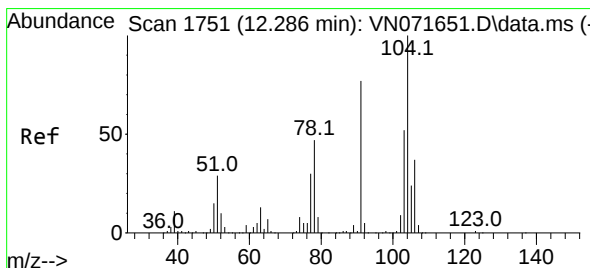
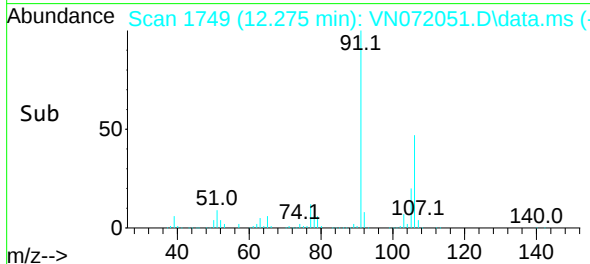
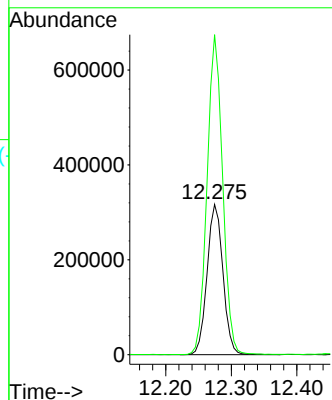
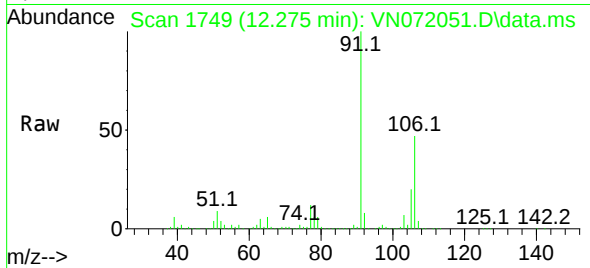




#69  
o-Xylene  
Concen: 30.420 ug/l  
RT: 12.275 min Scan# 1749  
Delta R.T. -0.001 min  
Lab File: VN072051.D  
Acq: 19 Apr 2022 15:49

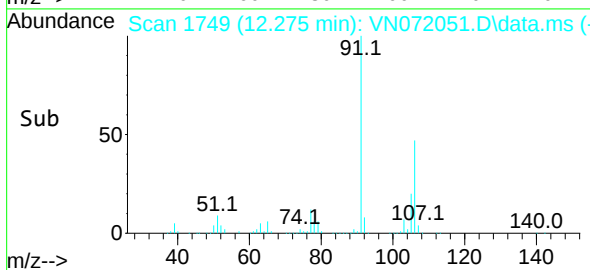
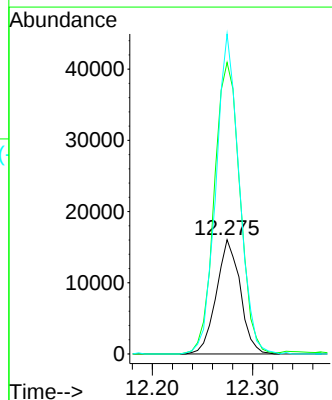
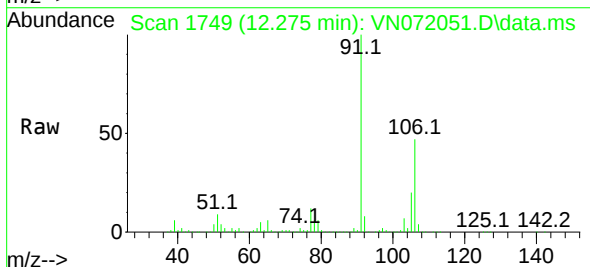
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-5-GR

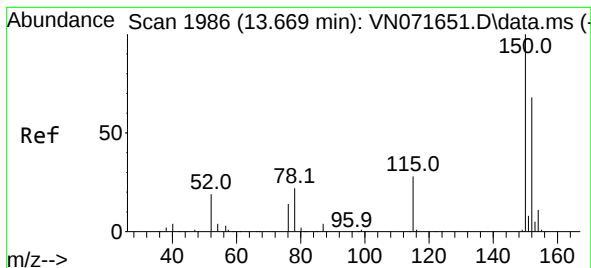
Tgt Ion:106 Resp: 532573  
Ion Ratio Lower Upper  
106 100  
91 208.9 106.0 318.0



#70  
Styrene  
Concen: 0.999 ug/l  
RT: 12.275 min Scan# 1749  
Delta R.T. -0.011 min  
Lab File: VN072051.D  
Acq: 19 Apr 2022 15:49

Tgt Ion:104 Resp: 26497  
Ion Ratio Lower Upper  
104 100  
78 273.7 39.5 59.3#  
103 274.4 44.0 66.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.669 min Scan# 1986

Delta R.T. -0.000 min

Lab File: VN072051.D

Acq: 19 Apr 2022 15:49

Instrument :

MSVOA\_N

ClientSampleId :

WC-15-1-5-GR

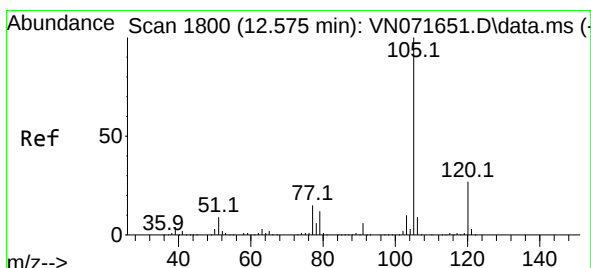
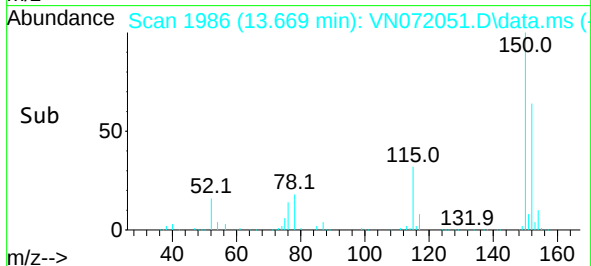
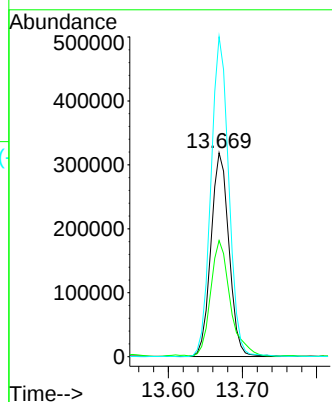
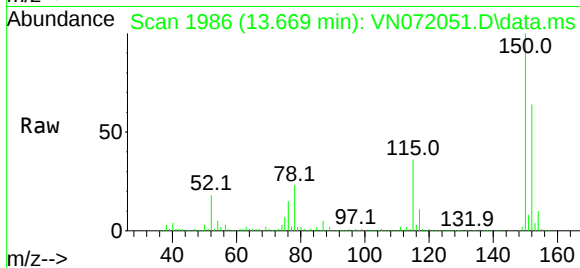
Tgt Ion:152 Resp: 537999

Ion Ratio Lower Upper

152 100

115 61.5 28.9 86.7

150 156.3 0.0 356.2



#73

Isopropylbenzene

Concen: 5.421 ug/l

RT: 12.574 min Scan# 1800

Delta R.T. -0.001 min

Lab File: VN072051.D

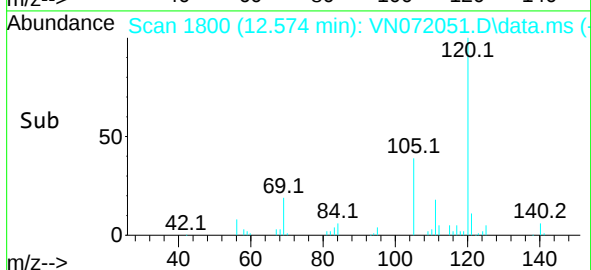
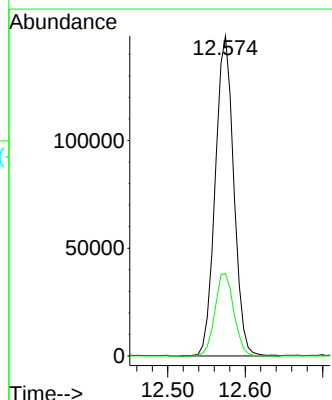
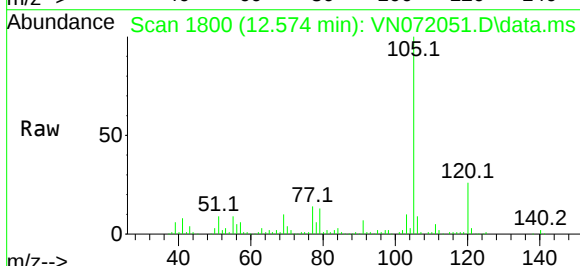
Acq: 19 Apr 2022 15:49

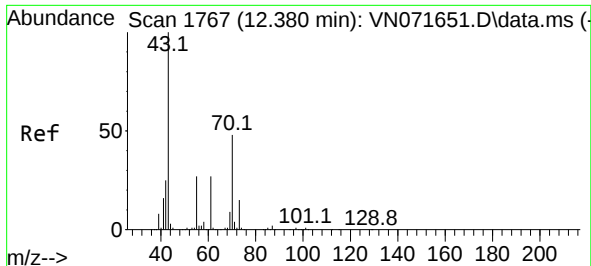
Tgt Ion:105 Resp: 245750

Ion Ratio Lower Upper

105 100

120 26.4 13.5 40.4

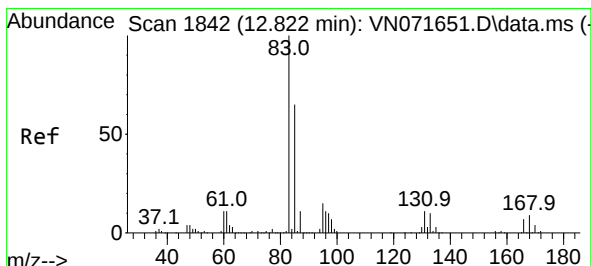
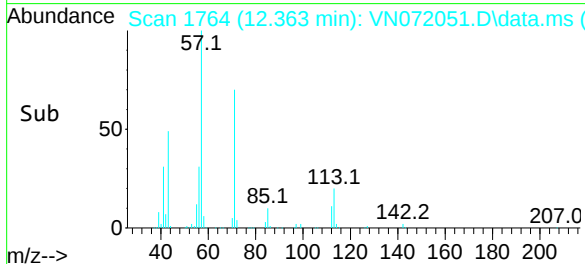
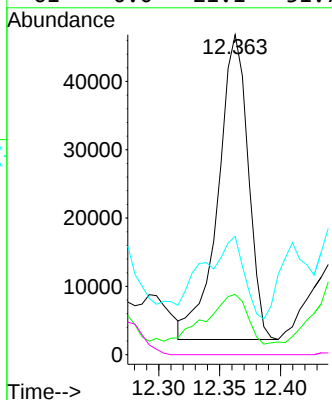
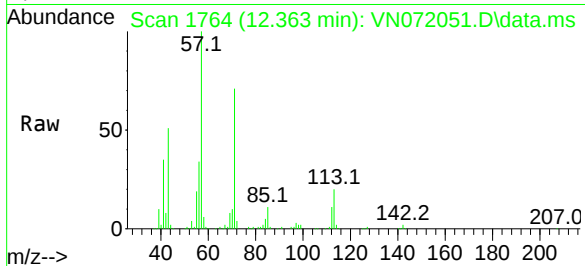




#74  
N-amy1 acetate  
Concen: 5.917 ug/l  
RT: 12.363 min Scan# 11  
Delta R.T. -0.017 min  
Lab File: VN072051.D  
Acq: 19 Apr 2022 15:49

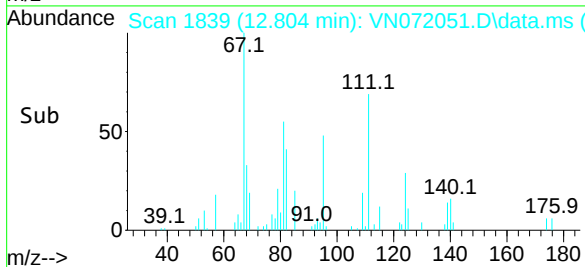
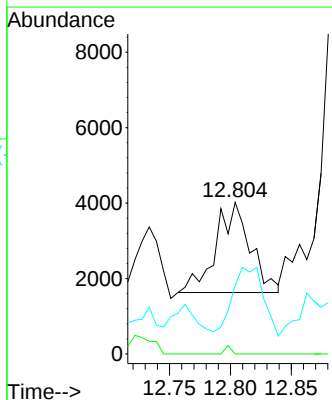
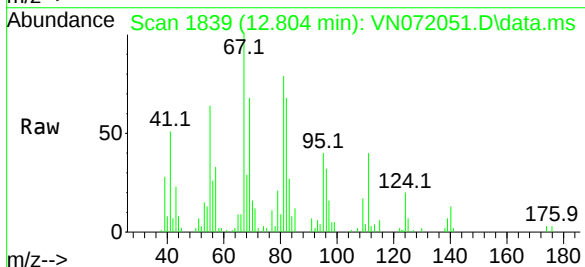
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ClientSampleId :  
WC-15-1-5-GR

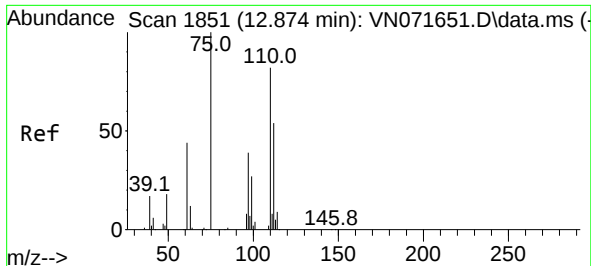
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 76865 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 70 21.1     | 39.0 58.4#  |
| 55 36.2     | 21.1 31.7#  |
| 61 0.0      | 21.1 31.7#  |



#75  
1,1,2,2-Tetrachloroethane  
Concen: 0.310 ug/l  
RT: 12.804 min Scan# 1839  
Delta R.T. -0.018 min  
Lab File: VN072051.D  
Acq: 19 Apr 2022 15:49

|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 4694  |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 131 1.7     | 5.3 15.9#   |
| 85 0.0      | 32.3 96.9#  |

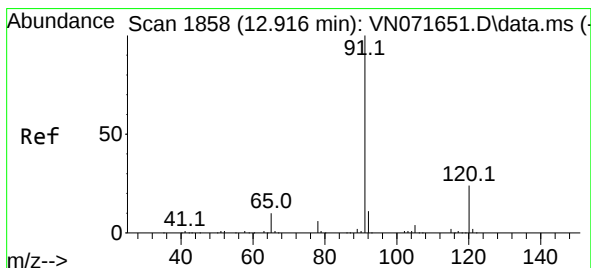
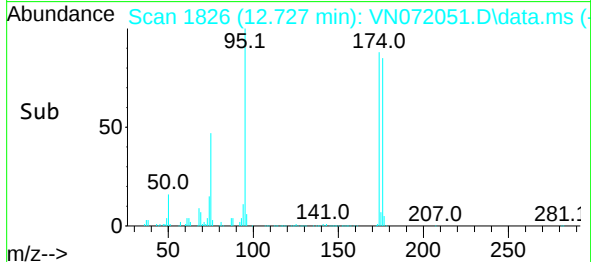
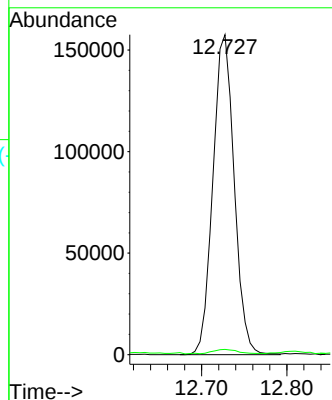
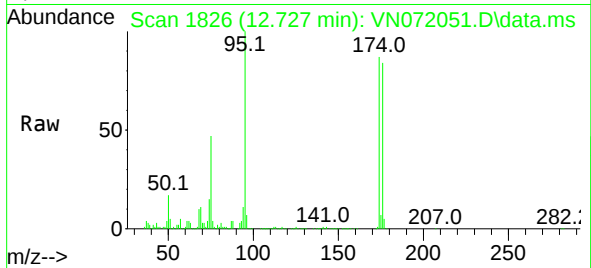




#76  
1,2,3-Trichloropropane  
Concen: 21.919 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. -0.147 min  
Lab File: VN072051.D  
Acq: 19 Apr 2022 15:49

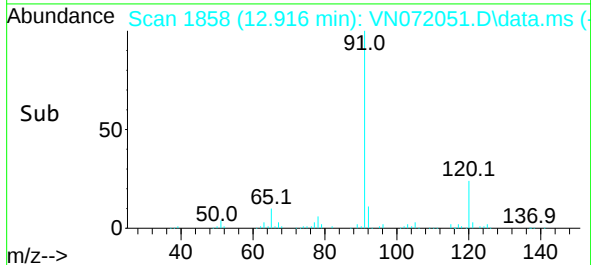
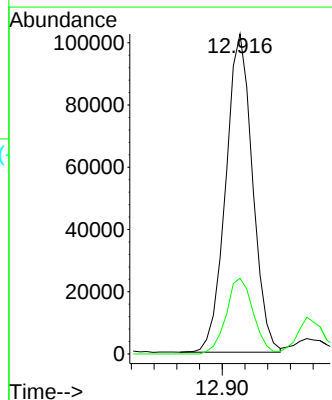
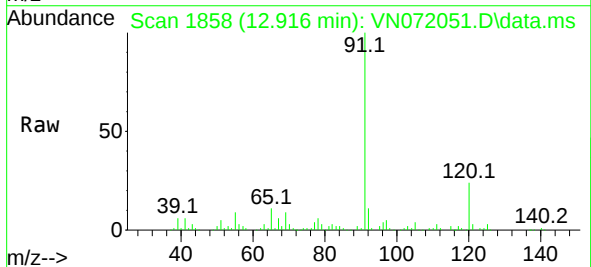
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-5-GR

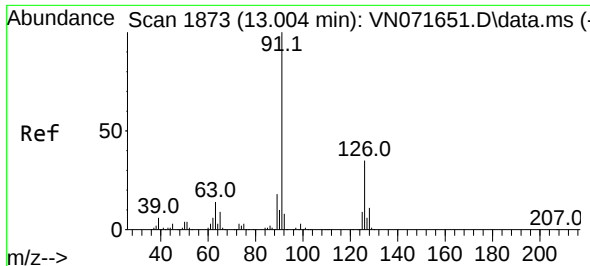
Tgt Ion: 75 Resp: 273185  
Ion Ratio Lower Upper  
75 100  
77 1.3 98.5 295.5#



#78  
n-propylbenzene  
Concen: 3.513 ug/l  
RT: 12.916 min Scan# 1858  
Delta R.T. -0.000 min  
Lab File: VN072051.D  
Acq: 19 Apr 2022 15:49

Tgt Ion: 91 Resp: 167533  
Ion Ratio Lower Upper  
91 100  
120 24.1 11.9 35.5

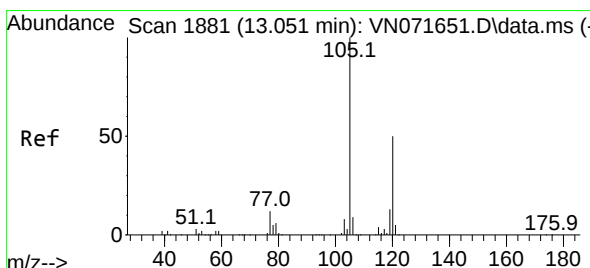
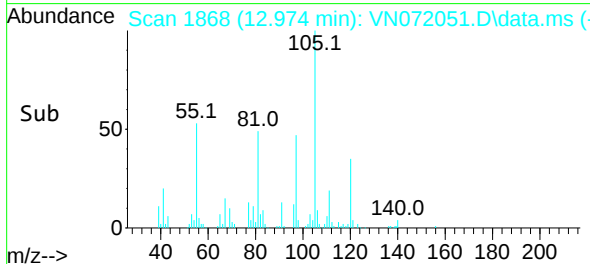
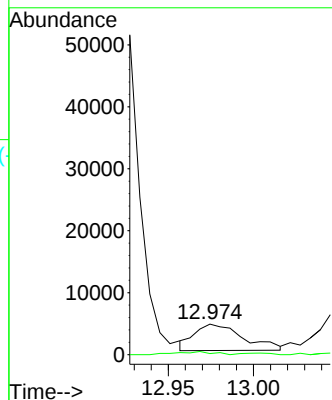
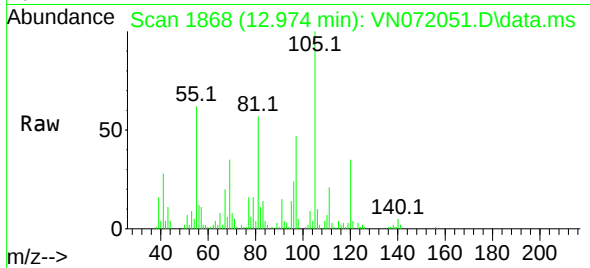




#79  
2-Chlorotoluene  
Concen: 0.278 ug/l  
RT: 12.974 min Scan# 1868  
Delta R.T. -0.030 min  
Lab File: VN072051.D  
Acq: 19 Apr 2022 15:49

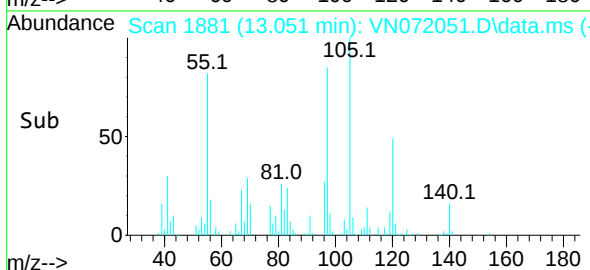
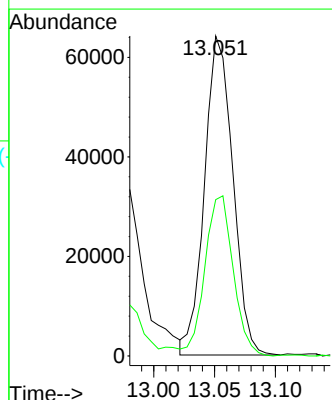
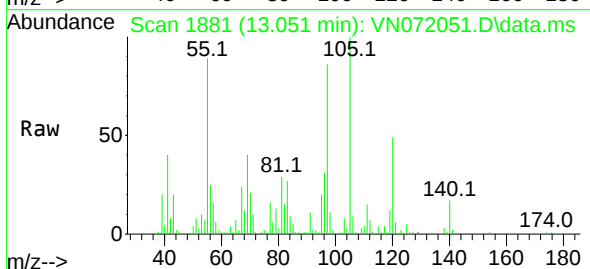
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ClientSampleId :  
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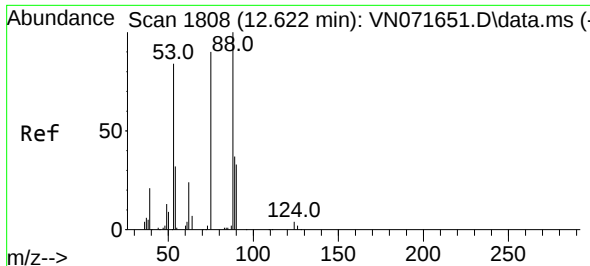
Tgt Ion: 91 Resp: 8491  
Ion Ratio Lower Upper  
91 100  
126 8.5 17.3 51.9#



#80  
1,3,5-Trimethylbenzene  
Concen: 2.893 ug/l  
RT: 13.051 min Scan# 1881  
Delta R.T. -0.000 min  
Lab File: VN072051.D  
Acq: 19 Apr 2022 15:49

Tgt Ion: 105 Resp: 103924  
Ion Ratio Lower Upper  
105 100  
120 50.3 24.9 74.7

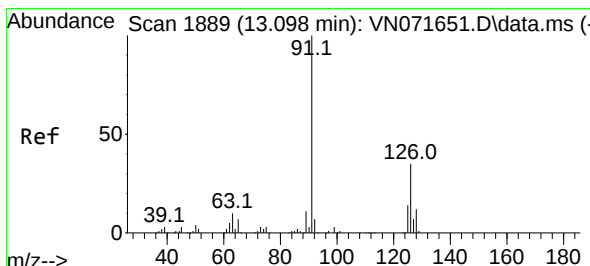
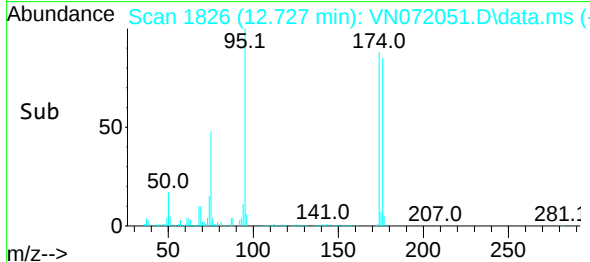
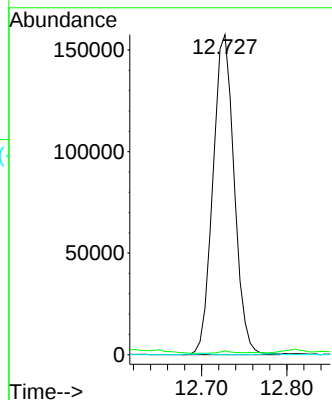
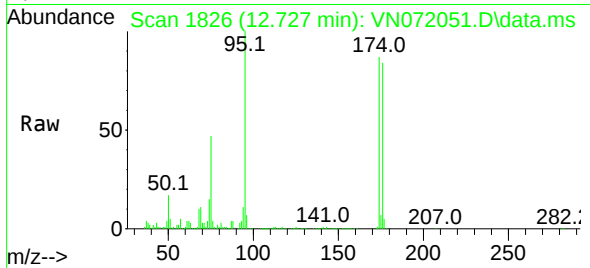




#81  
trans-1,4-Dichloro-2-butene  
Concen: 67.927 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.105 min  
Lab File: VN072051.D  
Acq: 19 Apr 2022 15:49

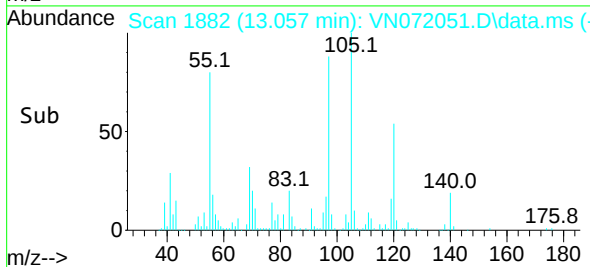
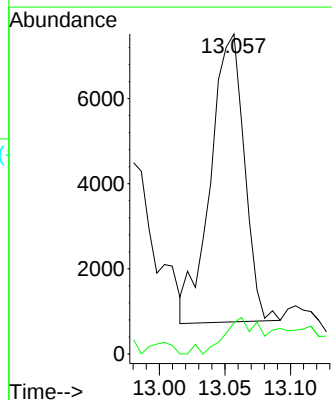
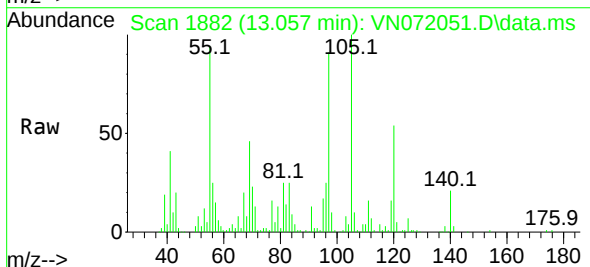
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ClientSampleId :  
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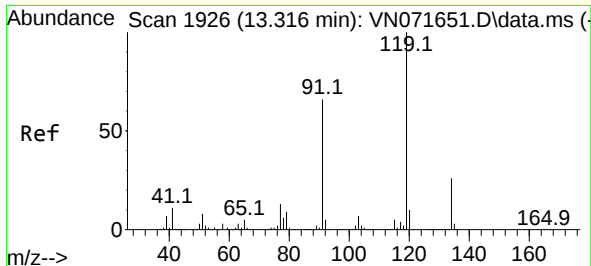
Tgt Ion: 75 Resp: 273185  
Ion Ratio Lower Upper  
75 100  
53 0.6 78.0 117.0#  
89 0.0 37.2 55.8#



#82  
4-Chlorotoluene  
Concen: 0.427 ug/l  
RT: 13.057 min Scan# 1882  
Delta R.T. -0.041 min  
Lab File: VN072051.D  
Acq: 19 Apr 2022 15:49

Tgt Ion: 91 Resp: 12117  
Ion Ratio Lower Upper  
91 100  
126 12.9 17.2 51.6#

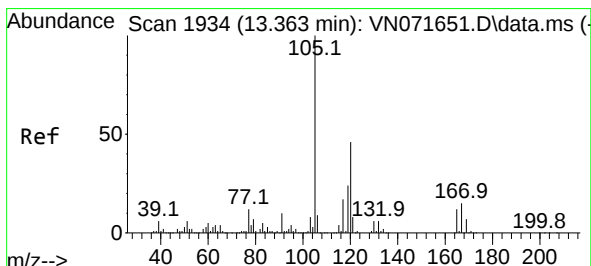
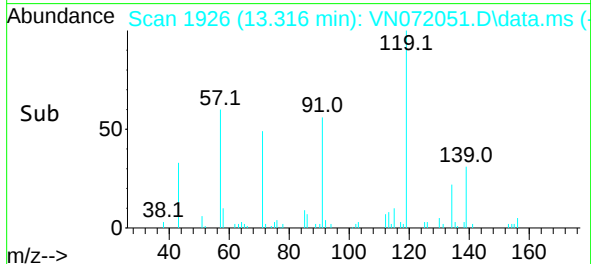
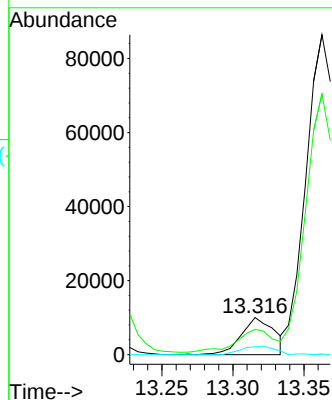
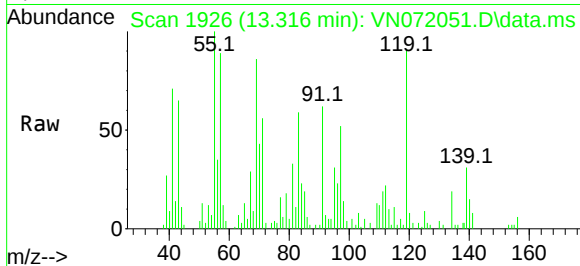




#83  
tert-Butylbenzene  
Concen: 0.490 ug/l  
RT: 13.316 min Scan# 1926  
Delta R.T. -0.000 min  
Lab File: VN072051.D  
Acq: 19 Apr 2022 15:49

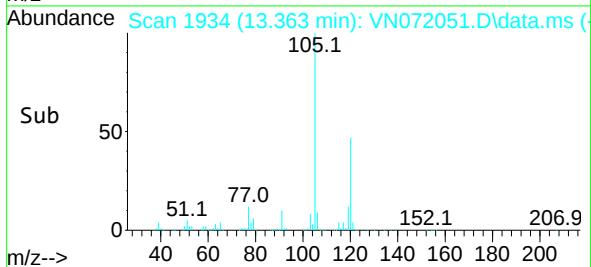
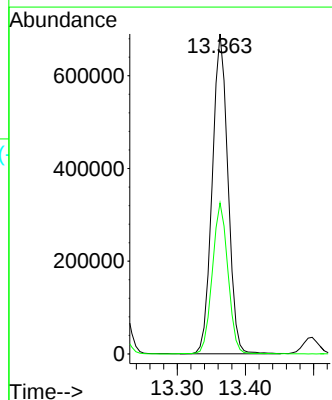
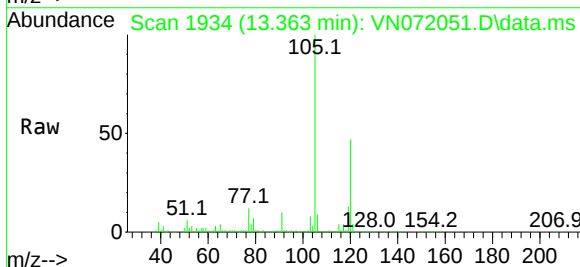
Instrument :  
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ClientSampleId :  
WC-15-1-5-GR

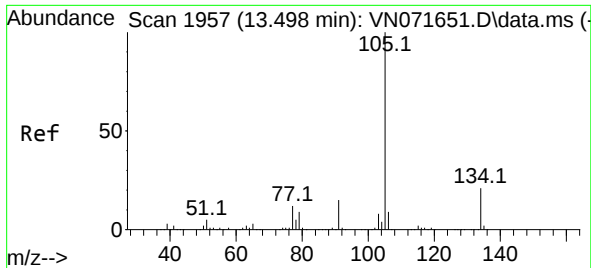
Tgt Ion:119 Resp: 16103  
Ion Ratio Lower Upper  
119 100  
91 68.2 31.6 94.8  
134 24.4 13.7 41.1



#84  
1,2,4-Trimethylbenzene  
Concen: 31.549 ug/l  
RT: 13.363 min Scan# 1934  
Delta R.T. -0.000 min  
Lab File: VN072051.D  
Acq: 19 Apr 2022 15:49

Tgt Ion:105 Resp: 1105687  
Ion Ratio Lower Upper  
105 100  
120 47.1 23.3 69.8

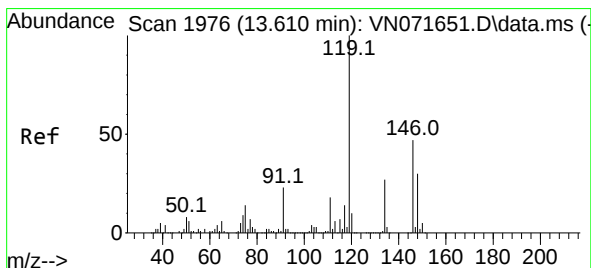
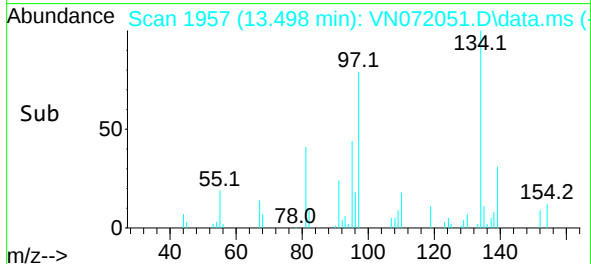
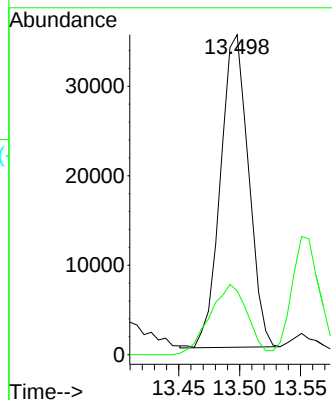
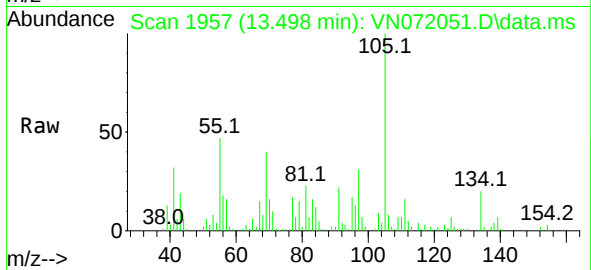




#85  
 sec-Butylbenzene  
 Concen: 1.318 ug/l  
 RT: 13.498 min Scan# 1957  
 Delta R.T. -0.000 min  
 Lab File: VN072051.D  
 Acq: 19 Apr 2022 15:49

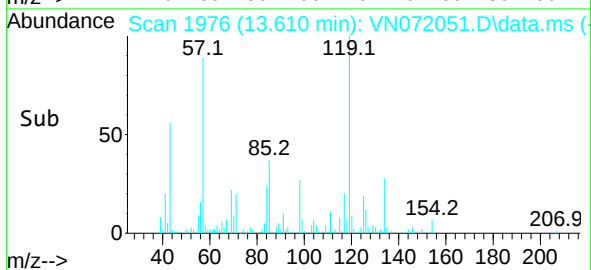
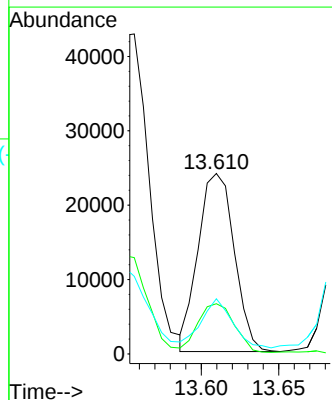
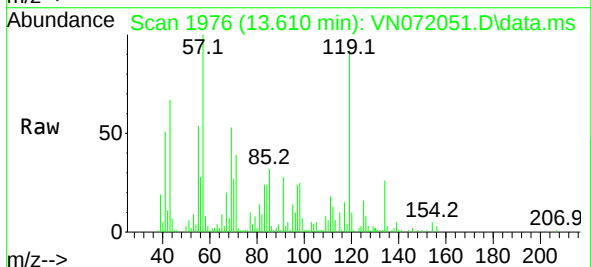
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-15-1-5-GR

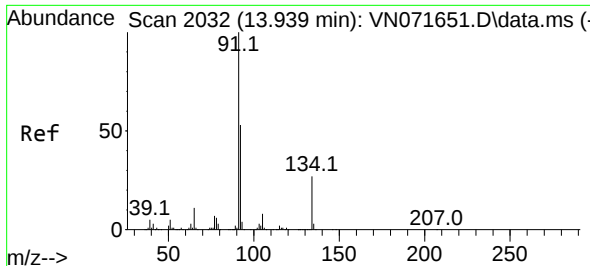
Tgt Ion:105 Resp: 56109  
 Ion Ratio Lower Upper  
 105 100  
 134 30.0 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 1.145 ug/l  
 RT: 13.610 min Scan# 1976  
 Delta R.T. -0.000 min  
 Lab File: VN072051.D  
 Acq: 19 Apr 2022 15:49

Tgt Ion:119 Resp: 38854  
 Ion Ratio Lower Upper  
 119 100  
 134 27.7 13.3 39.8  
 91 23.6 11.3 33.9

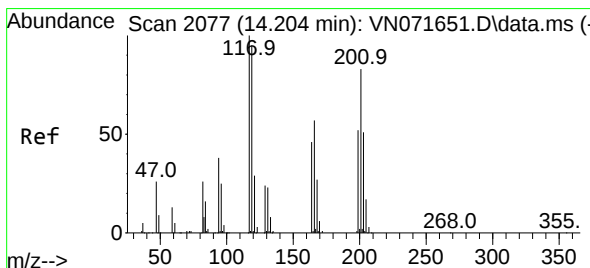
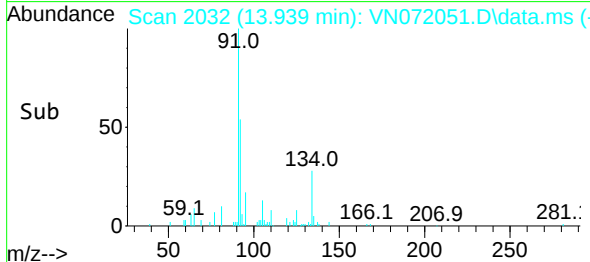
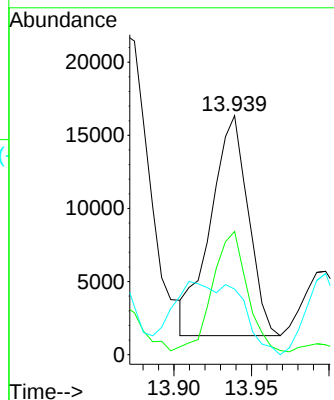
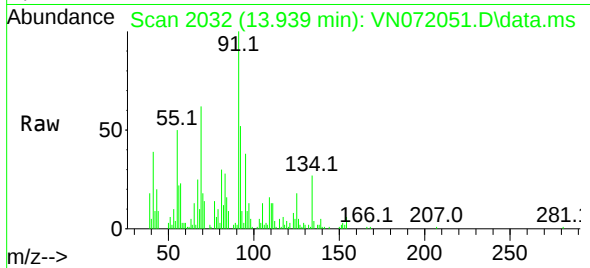




#89  
n-Butylbenzene  
Concen: 1.012 ug/l  
RT: 13.939 min Scan# 2032  
Delta R.T. 0.000 min  
Lab File: VN072051.D  
Acq: 19 Apr 2022 15:49

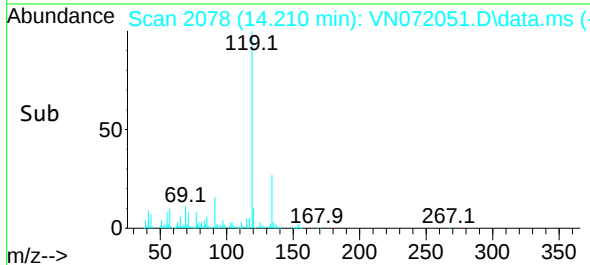
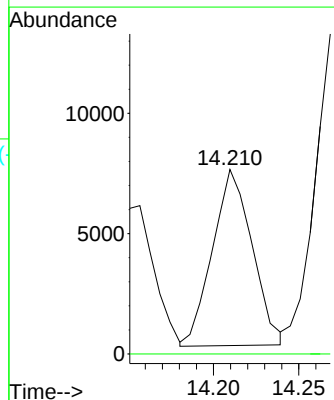
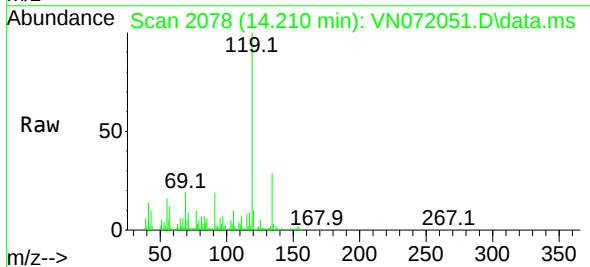
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-5-GR

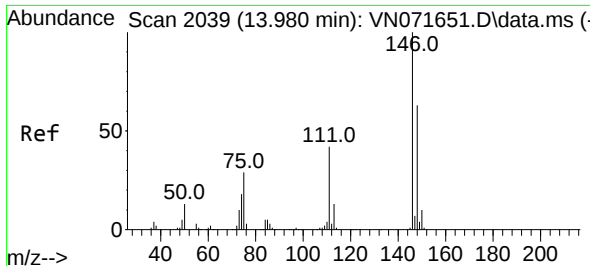
Tgt Ion: 91 Resp: 25471  
Ion Ratio Lower Upper  
91 100  
92 49.9 26.9 80.7  
134 0.0 13.6 40.8#



#90  
Hexachloroethane  
Concen: 1.910 ug/l  
RT: 14.210 min Scan# 2078  
Delta R.T. 0.006 min  
Lab File: VN072051.D  
Acq: 19 Apr 2022 15:49

Tgt Ion: 117 Resp: 11864  
Ion Ratio Lower Upper  
117 100  
201 0.0 40.6 122.0#

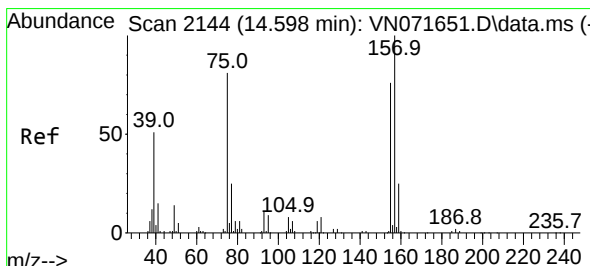
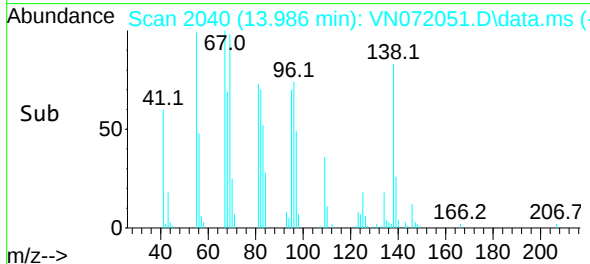
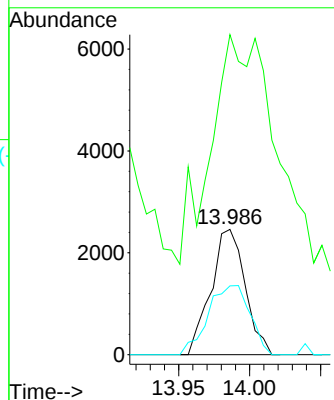
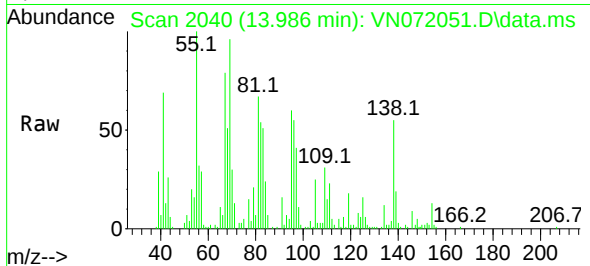




#91  
1,2-Dichlorobenzene  
Concen: 0.232 ug/l  
RT: 13.986 min Scan# 2039  
Delta R.T. 0.006 min  
Lab File: VN072051.D  
Acq: 19 Apr 2022 15:49

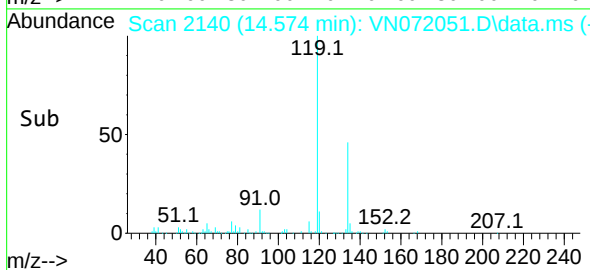
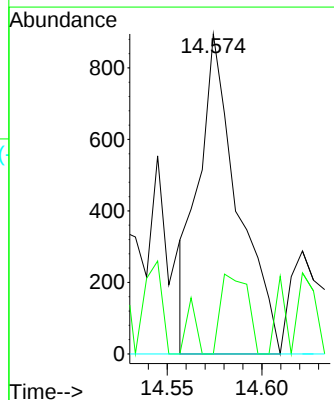
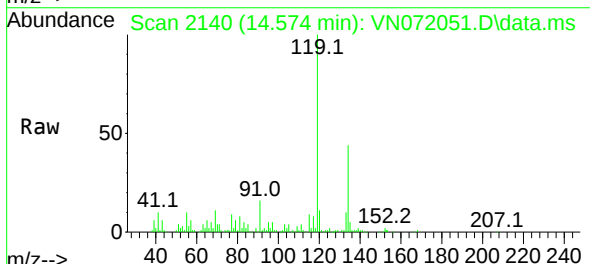
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ClientSampleId :  
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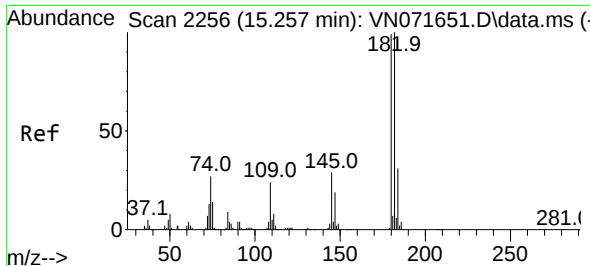
Tgt Ion:146 Resp: 4122  
Ion Ratio Lower Upper  
146 100  
111 395.1 20.9 62.8#  
148 67.5 32.1 96.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.550 ug/l  
RT: 14.574 min Scan# 2140  
Delta R.T. -0.024 min  
Lab File: VN072051.D  
Acq: 19 Apr 2022 15:49

Tgt Ion: 75 Resp: 1291  
Ion Ratio Lower Upper  
75 100  
155 17.0 44.9 134.5#  
157 0.0 59.0 176.8#

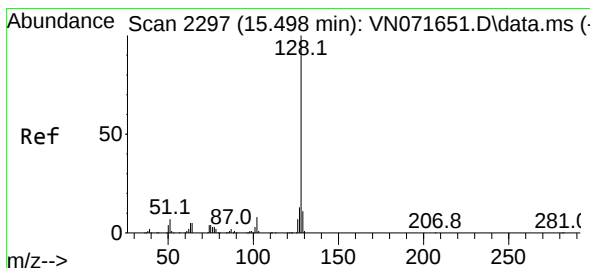
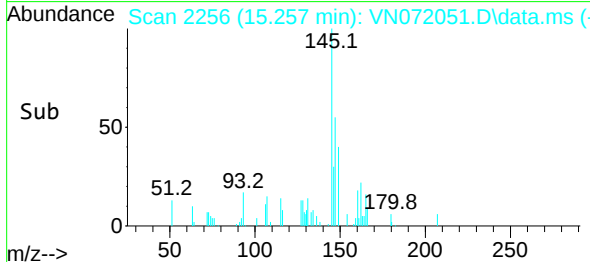
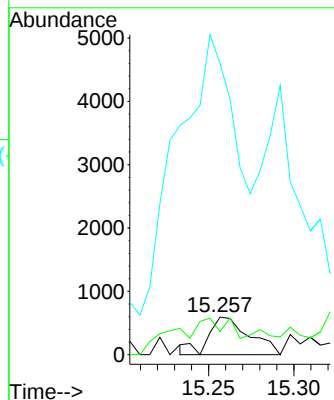
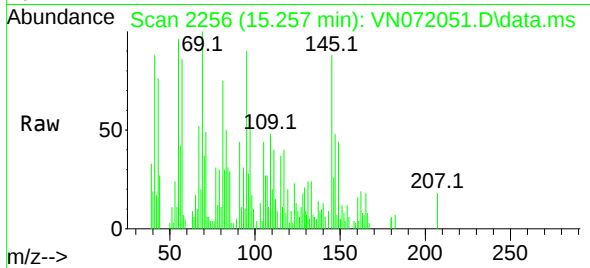




#93  
1,2,4-Trichlorobenzene  
Concen: 2.197 ug/l  
RT: 15.257 min Scan# 2256  
Delta R.T. -0.000 min  
Lab File: VN072051.D  
Acq: 19 Apr 2022 15:49

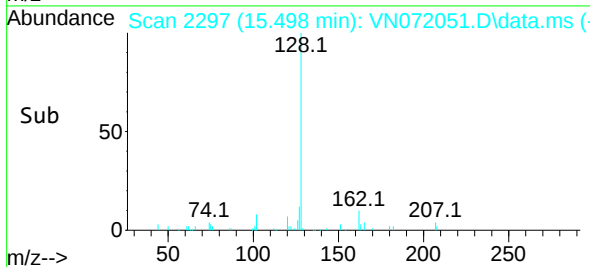
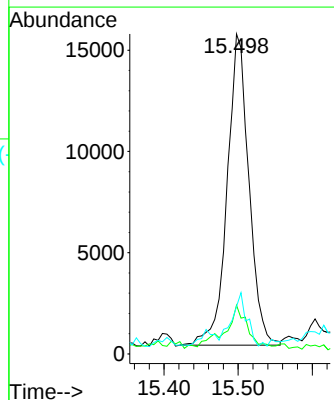
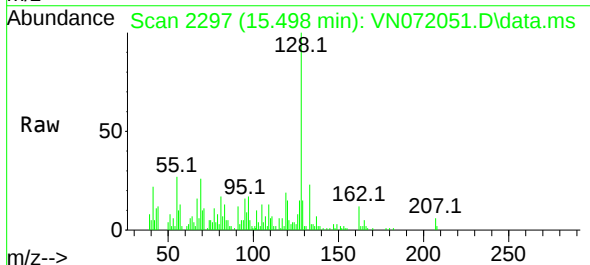
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ClientSampleId :  
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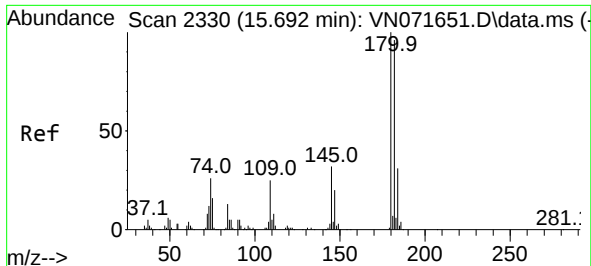
Tgt Ion:180 Resp: 992  
Ion Ratio Lower Upper  
180 100  
182 149.7 47.5 142.5#  
145 1300.4 14.5 43.5#



#95  
Naphthalene  
Concen: 4.984 ug/l  
RT: 15.498 min Scan# 2297  
Delta R.T. -0.000 min  
Lab File: VN072051.D  
Acq: 19 Apr 2022 15:49

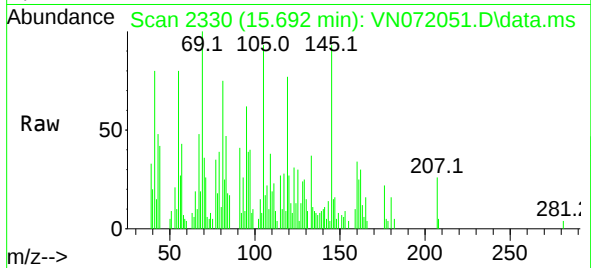
Tgt Ion:128 Resp: 31318  
Ion Ratio Lower Upper  
128 100  
127 12.4 10.3 15.5  
129 11.8 8.6 13.0





#96  
 1,2,3-Trichlorobenzene  
 Concen: 2.545 ug/l  
 RT: 15.692 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VN072051.D  
 Acq: 19 Apr 2022 15:49

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
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|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 1138  |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 54.0  | 47.8  | 143.3 |
| 145       | 0.0   | 15.5  | 46.5# |

