

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN041922\  
 Data File : VN072065.D  
 Acq On : 19 Apr 2022 21:27  
 Operator : JC\MD  
 Sample : N2452-12RE  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Apr 20 01:30:27 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  | 546232   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.963  | 114  | 890337   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.739 | 117  | 803486   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.668 | 152  | 329472   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.433  | 65    | 309988   | 49.710   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =    | 99.420% |
| 35) Dibromofluoromethane    | 8.016  | 113   | 261405   | 49.895   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =    | 99.780% |
| 50) Toluene-d8              | 10.439 | 98    | 1057079  | 49.322   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =    | 98.640% |
| 62) 4-Bromofluorobenzene    | 12.727 | 95    | 345329   | 49.821   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =    | 99.640% |

|                               |        |     |        |           |        |     |
|-------------------------------|--------|-----|--------|-----------|--------|-----|
| Target Compounds              |        |     |        | Qvalue    |        |     |
| 3) Chloromethane              | 2.299  | 50  | 2030   | 0.369     | ug/l   | 97  |
| 5) Bromomethane               | 2.863  | 94  | 901    | 0.229     | ug/l # | 78  |
| 6) Chloroethane               | 2.793  | 64  | 2692   | 0.619     | ug/l # | 65  |
| 11) Tert butyl alcohol        | 5.316  | 59  | 2353   | 2.325     | ug/l # | 72  |
| 13) Acrolein                  | 4.040  | 56  | 719    | 0.583     | ug/l # | 79  |
| 16) Acetone                   | 4.287  | 43  | 83252  | 31.239    | ug/l   | 93  |
| 17) Carbon Disulfide          | 4.528  | 76  | 2575   | 0.249     | ug/l # | 75  |
| 18) Methyl Acetate            | 4.851  | 43  | 8824   | Below Cal | #      | 37  |
| 20) Methylene Chloride        | 5.093  | 84  | 127017 | 22.612    | ug/l   | 94  |
| 25) 2-Butanone                | 7.334  | 43  | 22788  | 5.931     | ug/l   | 92  |
| 31) Cyclohexane               | 8.092  | 56  | 75436  | 8.895     | ug/l # | 93  |
| 36) 1,1-Dichloropropene       | 8.081  | 75  | 36293  | 4.961     | ug/l # | 49  |
| 37) Ethyl Acetate             | 7.334  | 43  | 22788  | 2.846     | ug/l # | 67  |
| 38) Carbon Tetrachloride      | 8.081  | 117 | 49454  | 6.897     | ug/l # | 17  |
| 39) Methylcyclohexane         | 9.457  | 83  | 152178 | 17.474    | ug/l   | 98  |
| 40) Benzene                   | 8.451  | 78  | 19495  | 0.844     | ug/l   | 92  |
| 43) Isopropyl Acetate         | 8.557  | 43  | 114658 | 8.608     | ug/l # | 75  |
| 45) 1,2-Dichloropropane       | 9.463  | 63  | 1389   | 0.241     | ug/l # | 1   |
| 47) Bromodichloromethane      | 9.733  | 83  | 2012   | 0.261     | ug/l # | 26  |
| 48) Methyl methacrylate       | 9.533  | 41  | 28044  | 5.075     | ug/l # | 25  |
| 49) 1,4-Dioxane               | 9.622  | 88  | 610    | Below Cal | #      | 1   |
| 51) 4-Methyl-2-Pentanone      | 10.327 | 43  | 10724  | 1.400     | ug/l # | 70  |
| 52) Toluene                   | 10.504 | 92  | 30247  | 2.070     | ug/l   | 100 |
| 54) cis-1,3-Dichloropropene   | 10.239 | 75  | 91917  | 10.286    | ug/l # | 57  |
| 55) 1,1,2-Trichloroethane     | 10.874 | 97  | 28178  | 4.686     | ug/l # | 22  |
| 56) Ethyl methacrylate        | 10.733 | 69  | 11412  | 1.330     | ug/l # | 39  |
| 57) 1,3-Dichloropropane       | 11.086 | 76  | 56279  | 5.598     | ug/l # | 42  |
| 58) 2-Chloroethyl Vinyl ether | 10.028 | 63  | 475    | 17.134    | ug/l # | 44  |
| 59) 2-Hexanone                | 11.086 | 43  | 718890 | 133.335   | ug/l # | 47  |
| 67) Ethyl Benzene             | 11.839 | 91  | 97987  | 3.598     | ug/l   | 96  |
| 68) m/p-Xylenes               | 11.945 | 106 | 166823 | 15.941    | ug/l   | 100 |
| 69) o-Xylene                  | 12.274 | 106 | 498351 | 47.979    | ug/l   | 99  |
| 70) Styrene                   | 12.274 | 104 | 24446  | 1.553     | ug/l # | 1   |
| 73) Isopropylbenzene          | 12.574 | 105 | 231310 | 8.331     | ug/l   | 99  |
| 74) N-amyl acetate            | 12.363 | 43  | 75864  | 9.537     | ug/l # | 64  |
| 75) 1,1,2,2-Tetrachloroethane | 12.733 | 83  | 4092   | 0.442     | ug/l   | 64  |

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 ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Apr 20 01:30:27 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

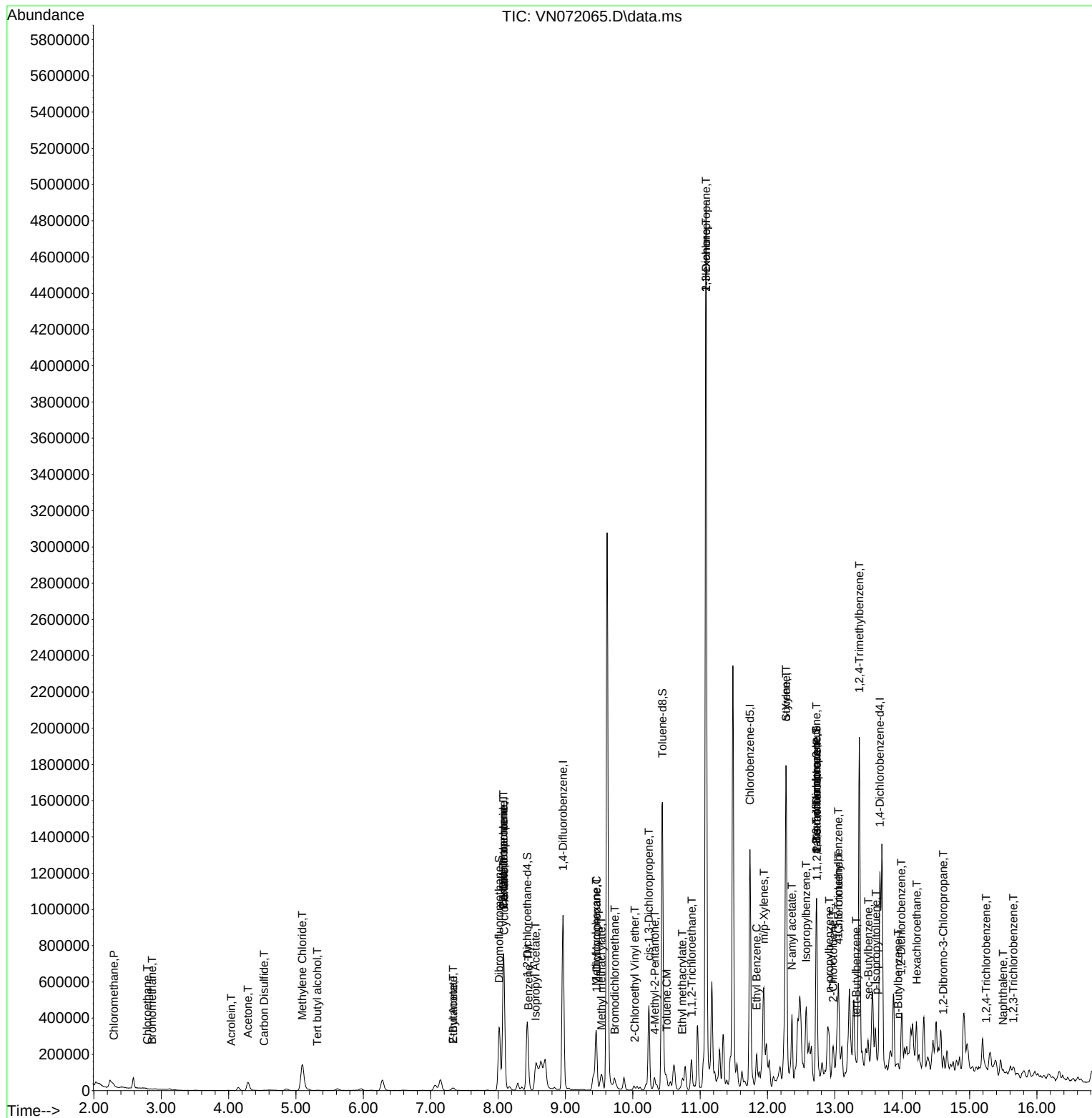
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| 76) 1,2,3-Trichloropropane    | 12.727 | 75   | 167057   | 21.888 | ug/l # | 1        |
| 78) n-propylbenzene           | 12.916 | 91   | 159698   | 5.468  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.974 | 91   | 7533     | 0.402  | ug/l # | 56       |
| 80) 1,3,5-Trimethylbenzene    | 13.051 | 105  | 99787    | 4.536  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.727 | 75   | 167057   | 67.829 | ug/l # | 11       |
| 82) 4-Chlorotoluene           | 13.057 | 91   | 10787    | 0.621  | ug/l # | 63       |
| 83) tert-Butylbenzene         | 13.316 | 119  | 15913    | 0.791  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.363 | 105  | 1067098  | 49.718 | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.498 | 105  | 53825    | 2.065  | ug/l # | 76       |
| 86) p-Isopropyltoluene        | 13.610 | 119  | 37434    | 1.801  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.939 | 91   | 23714    | 1.538  | ug/l # | 80       |
| 90) Hexachloroethane          | 14.215 | 117  | 10830    | 2.847  | ug/l # | 9        |
| 91) 1,2-Dichlorobenzene       | 13.986 | 146  | 4273     | 0.393  | ug/l # | 1        |
| 92) 1,2-Dibromo-3-Chloropr... | 14.610 | 75   | 313      | 0.218  | ug/l # | 39       |
| 93) 1,2,4-Trichlorobenzene    | 15.245 | 180  | 377      | 2.155  | ug/l # | 1        |
| 95) Naphthalene               | 15.498 | 128  | 28262    | 5.543  | ug/l # | 96       |
| 96) 1,2,3-Trichlorobenzene    | 15.651 | 180  | 901      | 2.583  | ug/l # | 12       |
| -----                         |        |      |          |        |        |          |

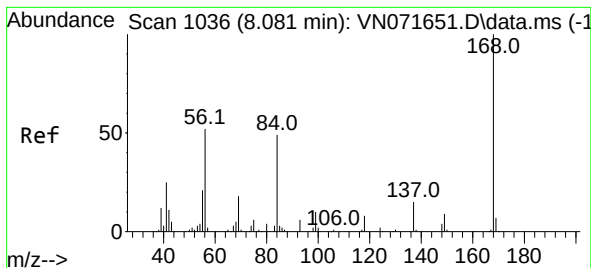
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Thu Mar 31 01:57:54 2022  
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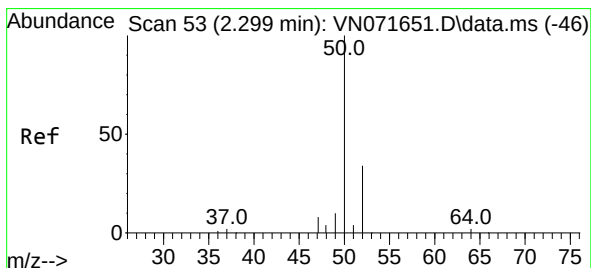
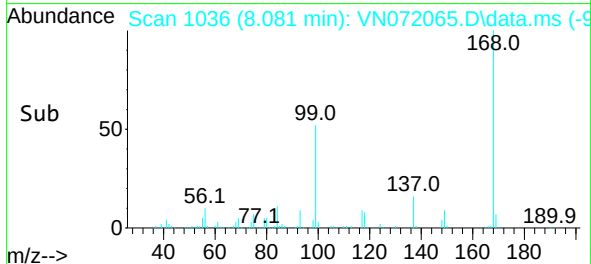
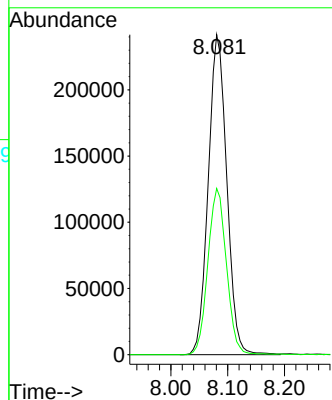
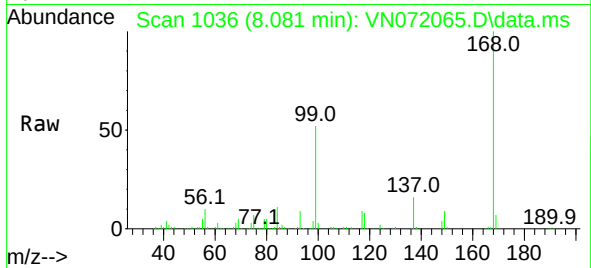




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.081 min Scan# 1036  
Delta R.T. -0.000 min  
Lab File: VN072065.D  
Acq: 19 Apr 2022 21:27

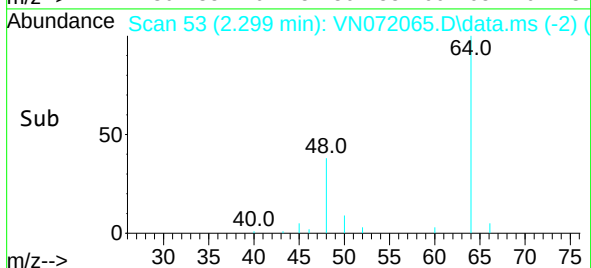
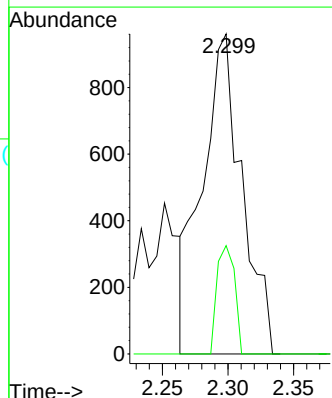
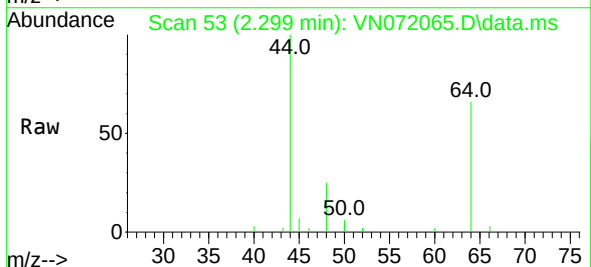
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-5-GR

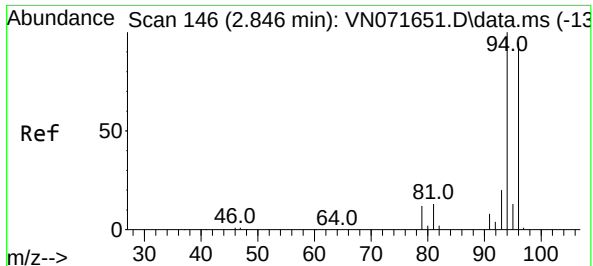
Tgt Ion:168 Resp: 546232  
Ion Ratio Lower Upper  
168 100  
99 52.0 42.3 63.5



#3  
Chloromethane  
Concen: 0.369 ug/l  
RT: 2.299 min Scan# 53  
Delta R.T. -0.000 min  
Lab File: VN072065.D  
Acq: 19 Apr 2022 21:27

Tgt Ion: 50 Resp: 2030  
Ion Ratio Lower Upper  
50 100  
52 33.8 25.7 38.5





#5

Bromomethane

Concen: 0.229 ug/l

RT: 2.863 min Scan# 14

Delta R.T. 0.017 min

Lab File: VN072065.D

Acq: 19 Apr 2022 21:27

Instrument :

MSVOA\_N

ClientSampleId :

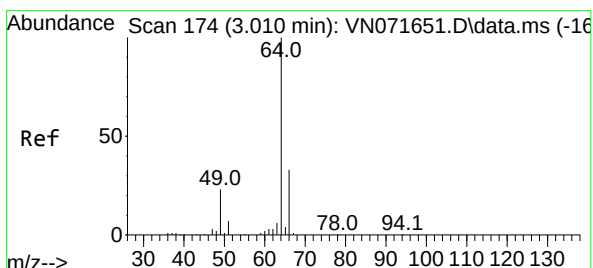
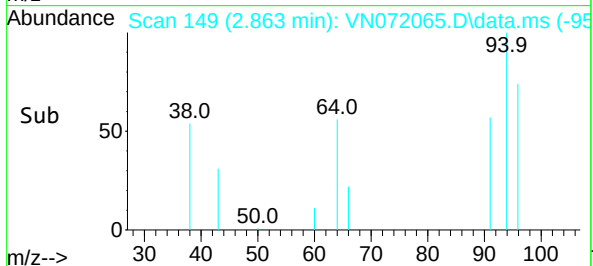
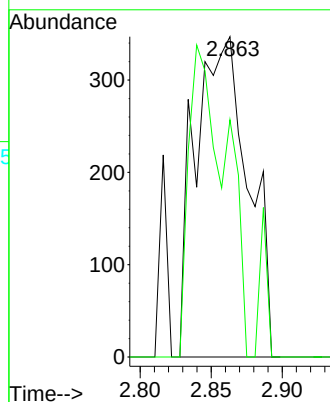
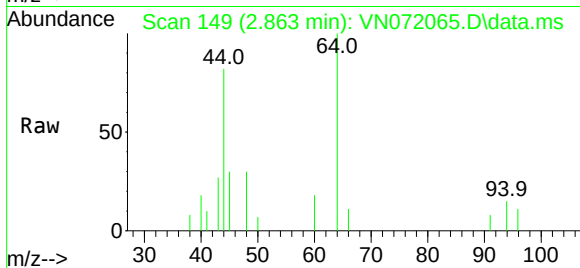
WC-15-1-5-GR

Tgt Ion: 94 Resp: 901

Ion Ratio Lower Upper

94 100

96 74.1 76.0 114.0#



#6

Chloroethane

Concen: 0.619 ug/l

RT: 2.793 min Scan# 137

Delta R.T. -0.217 min

Lab File: VN072065.D

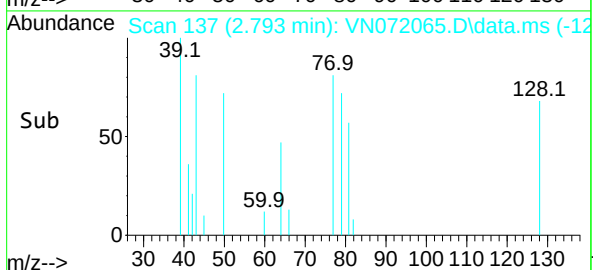
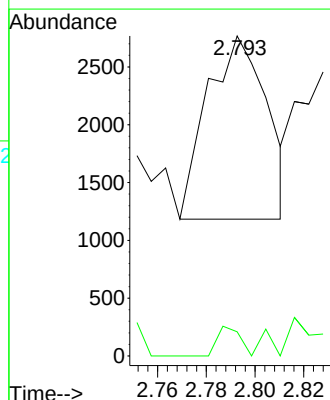
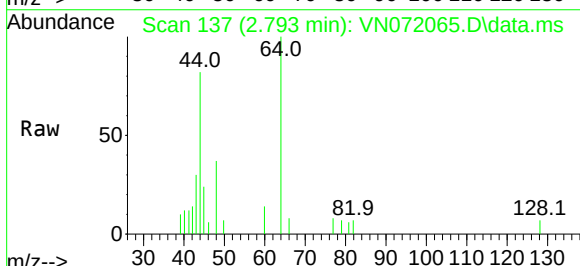
Acq: 19 Apr 2022 21:27

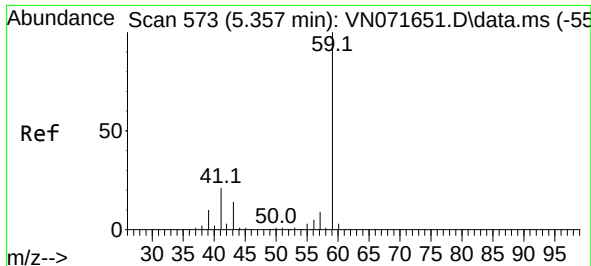
Tgt Ion: 64 Resp: 2692

Ion Ratio Lower Upper

64 100

66 13.2 26.2 39.4#

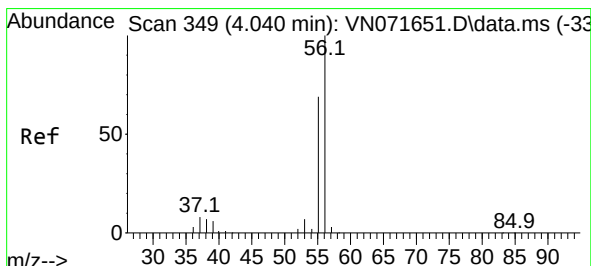
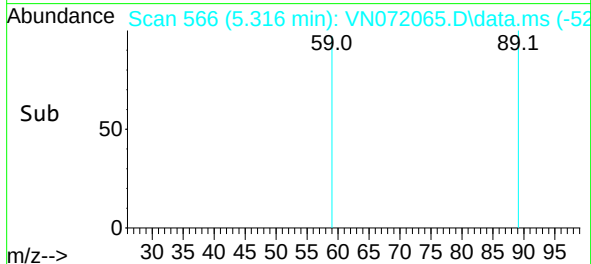
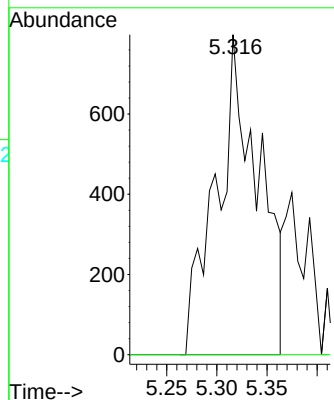
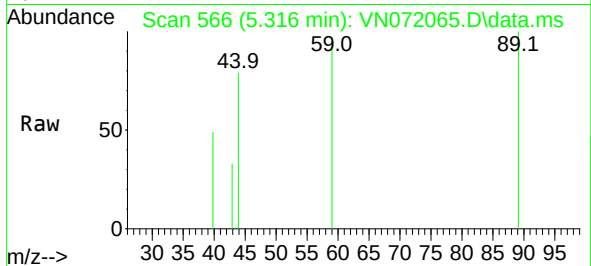




#11  
Tert butyl alcohol  
Concen: 2.325 ug/l  
RT: 5.316 min Scan# 50  
Delta R.T. -0.041 min  
Lab File: VN072065.D  
Acq: 19 Apr 2022 21:27

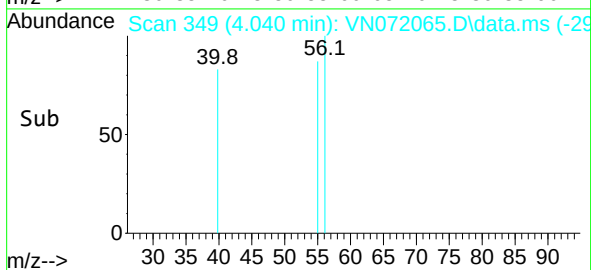
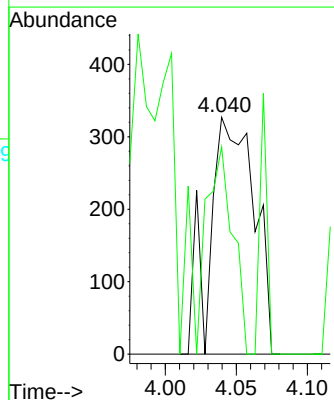
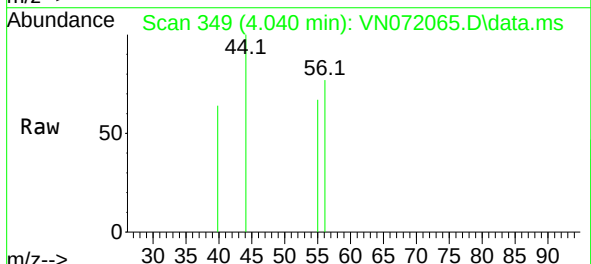
Instrument :  
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WC-15-1-5-GR

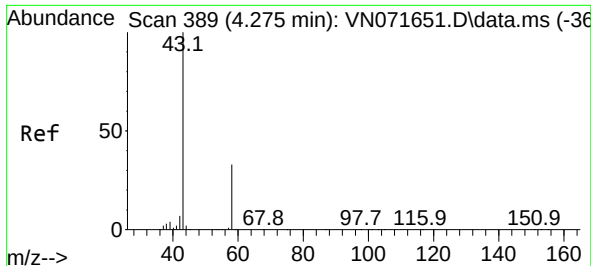
Tgt Ion: 59 Resp: 2353  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.3 12.5#



#13  
Acrolein  
Concen: 0.583 ug/l  
RT: 4.040 min Scan# 349  
Delta R.T. -0.000 min  
Lab File: VN072065.D  
Acq: 19 Apr 2022 21:27

Tgt Ion: 56 Resp: 719  
Ion Ratio Lower Upper  
56 100  
55 51.5 54.8 82.2#

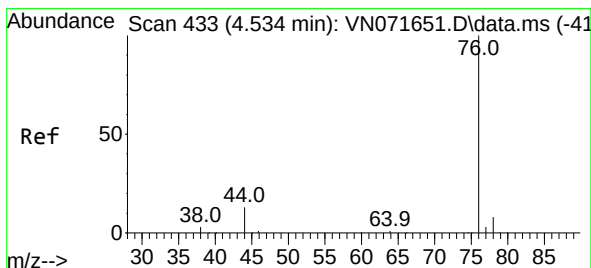
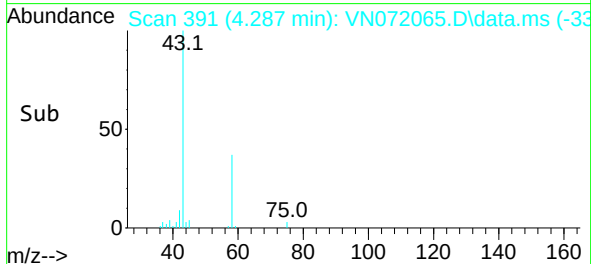
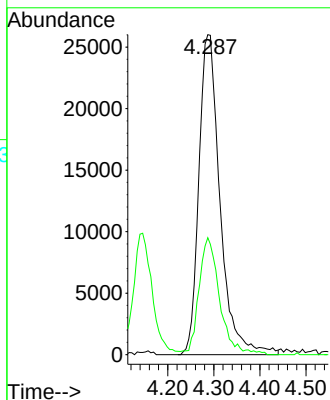
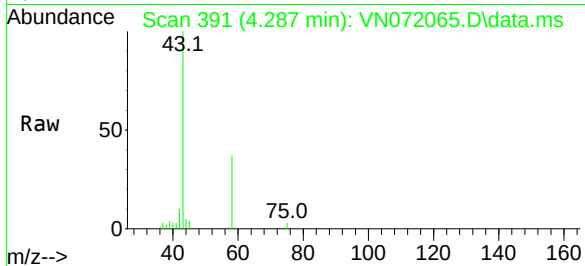




#16  
Acetone  
Concen: 31.239 ug/l  
RT: 4.287 min Scan# 391  
Delta R.T. 0.012 min  
Lab File: VN072065.D  
Acq: 19 Apr 2022 21:27

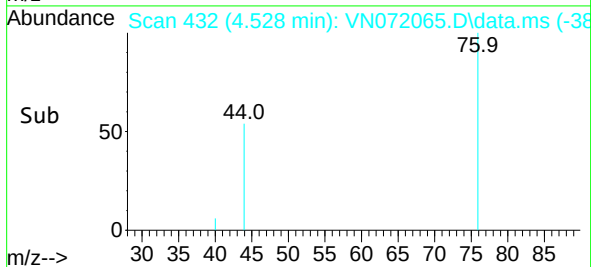
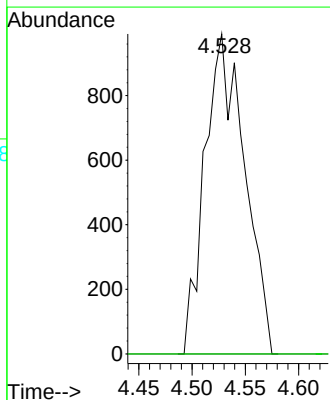
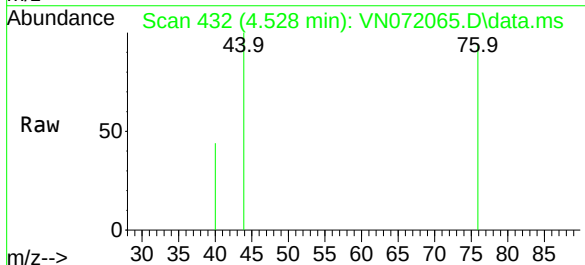
Instrument :  
MSVOA\_N  
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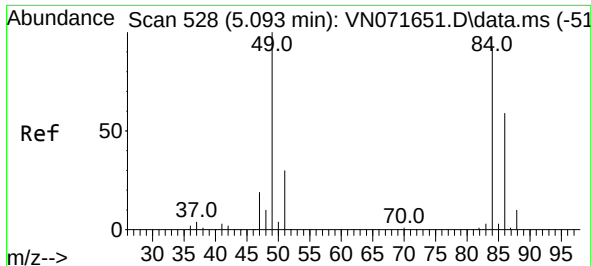
Tgt Ion: 43 Resp: 83252  
Ion Ratio Lower Upper  
43 100  
58 36.5 26.0 39.0



#17  
Carbon Disulfide  
Concen: 0.249 ug/l  
RT: 4.528 min Scan# 432  
Delta R.T. -0.006 min  
Lab File: VN072065.D  
Acq: 19 Apr 2022 21:27

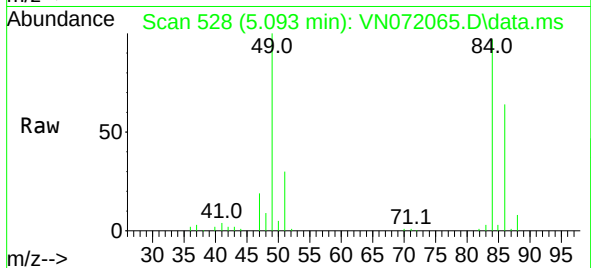
Tgt Ion: 76 Resp: 2575  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.2 10.8#





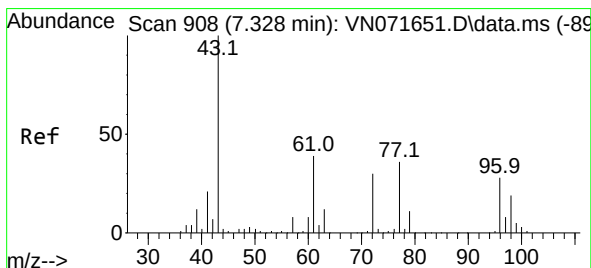
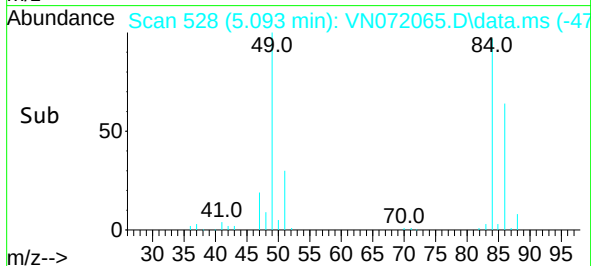
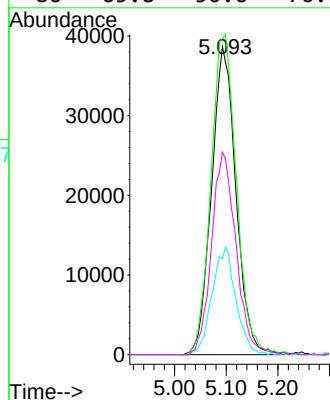
#20  
Methylene Chloride  
Concen: 22.612 ug/l  
RT: 5.093 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VN072065.D  
Acq: 19 Apr 2022 21:27

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



Tgt Ion: 84 Resp: 127017

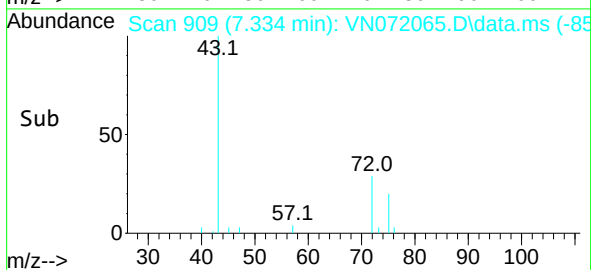
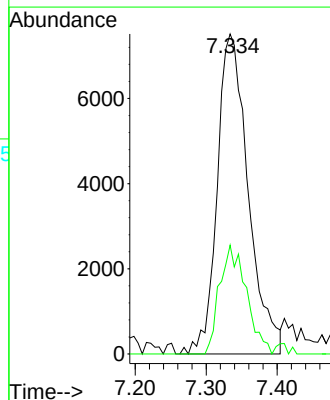
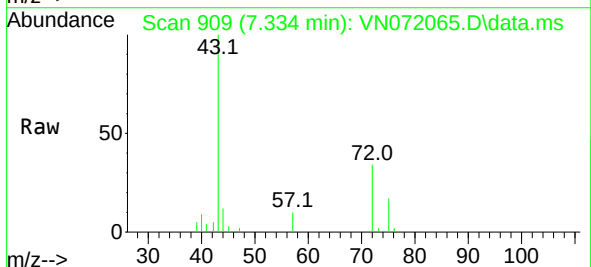
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 102.7 | 88.3  | 132.5 |
| 51  | 31.2  | 28.2  | 42.2  |
| 86  | 65.8  | 50.6  | 76.0  |



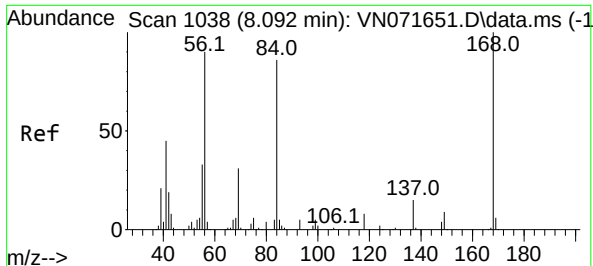
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2-Butanone  
Concen: 5.931 ug/l  
RT: 7.334 min Scan# 909  
Delta R.T. 0.006 min  
Lab File: VN072065.D  
Acq: 19 Apr 2022 21:27

Tgt Ion: 43 Resp: 22788

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 72  | 34.0  | 23.7  | 35.5  |



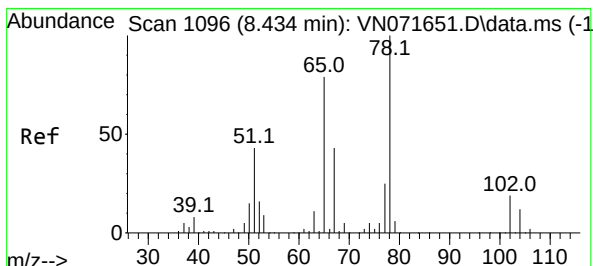
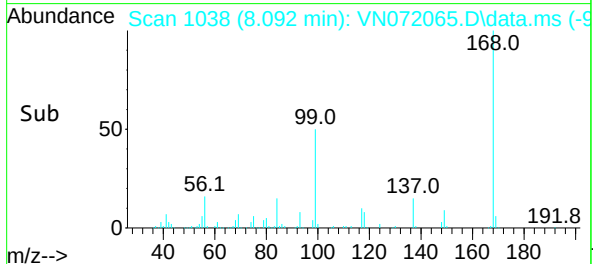
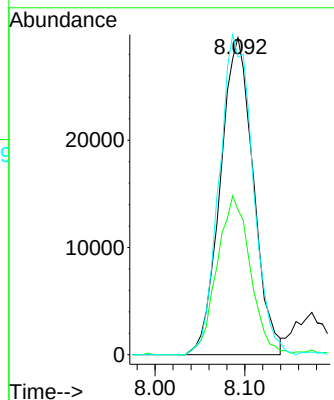
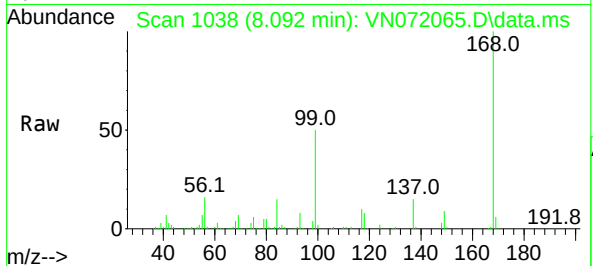




#31  
Cyclohexane  
Concen: 8.895 ug/l  
RT: 8.092 min Scan# 1038  
Delta R.T. 0.000 min  
Lab File: VN072065.D  
Acq: 19 Apr 2022 21:27

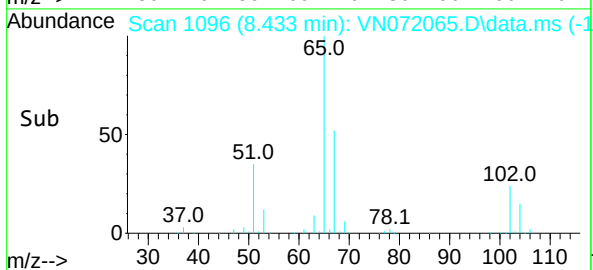
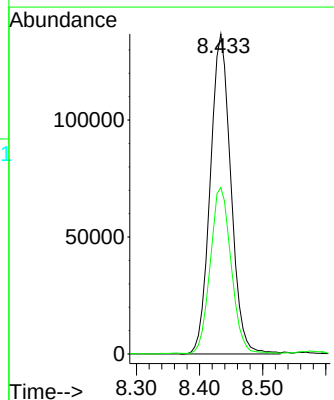
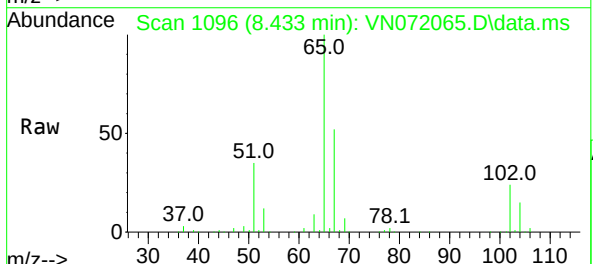
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-5-GR

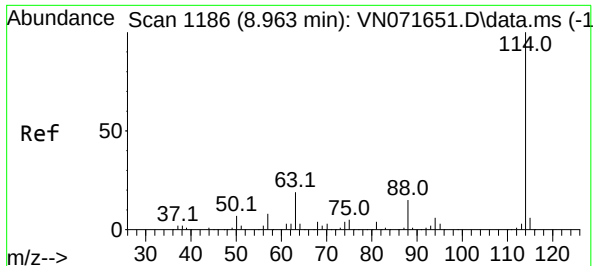
Tgt Ion: 56 Resp: 75436  
Ion Ratio Lower Upper  
56 100  
69 45.8 27.8 41.8#  
84 93.9 76.9 115.3



#33  
1,2-Dichloroethane-d4  
Concen: 49.710 ug/l  
RT: 8.433 min Scan# 1096  
Delta R.T. -0.001 min  
Lab File: VN072065.D  
Acq: 19 Apr 2022 21:27

Tgt Ion: 65 Resp: 309988  
Ion Ratio Lower Upper  
65 100  
67 52.5 0.0 104.8

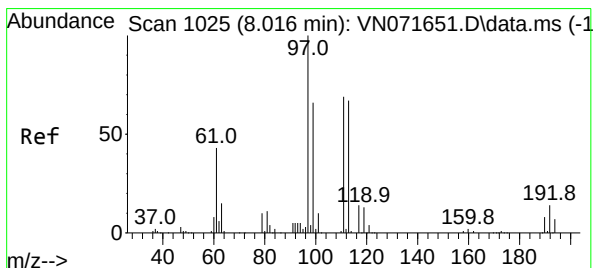
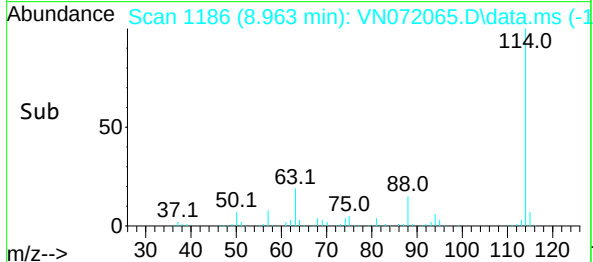
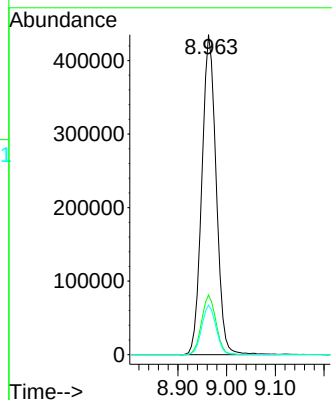
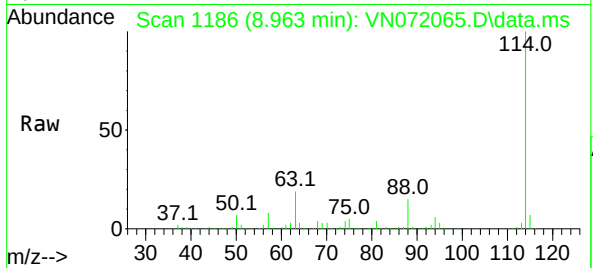




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.963 min Scan# 1186  
Delta R.T. -0.000 min  
Lab File: VN072065.D  
Acq: 19 Apr 2022 21:27

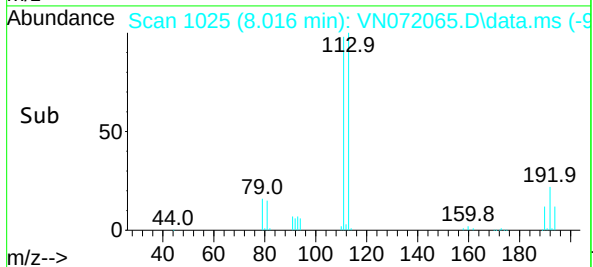
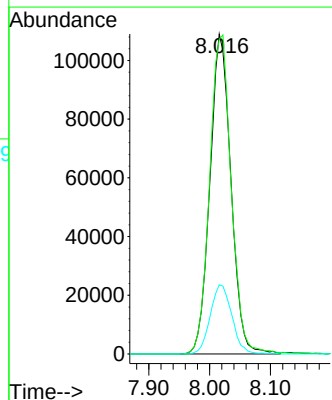
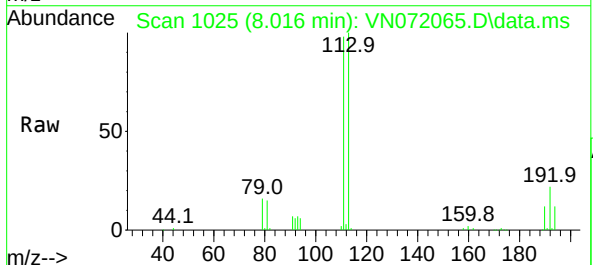
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-5-GR

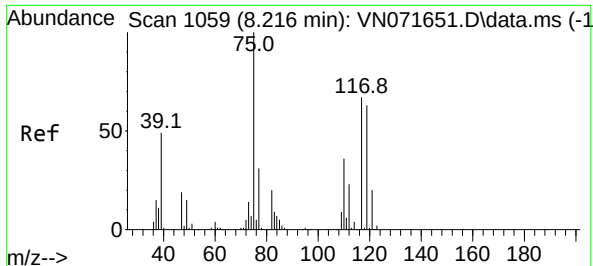
Tgt Ion:114 Resp: 890337  
Ion Ratio Lower Upper  
114 100  
63 18.7 0.0 40.0  
88 15.5 0.0 32.6



#35  
Dibromofluoromethane  
Concen: 49.895 ug/l  
RT: 8.016 min Scan# 1025  
Delta R.T. -0.000 min  
Lab File: VN072065.D  
Acq: 19 Apr 2022 21:27

Tgt Ion:113 Resp: 261405  
Ion Ratio Lower Upper  
113 100  
111 102.8 81.4 122.0  
192 22.2 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.961 ug/l

RT: 8.081 min Scan# 1

Delta R.T. -0.135 min

Lab File: VN072065.D

Acq: 19 Apr 2022 21:27

Instrument :

MSVOA\_N

ClientSampleId :

WC-15-1-5-GR

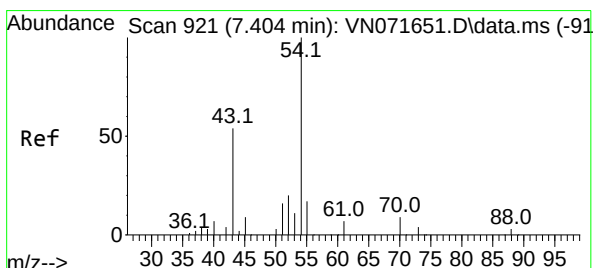
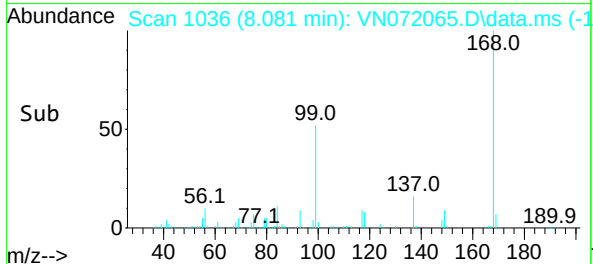
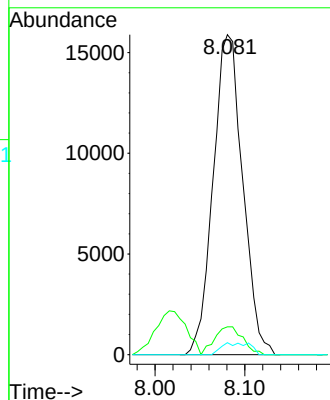
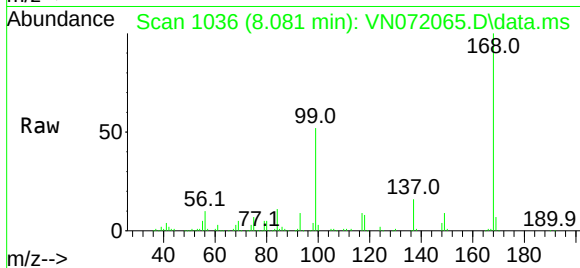
Tgt Ion: 75 Resp: 36293

Ion Ratio Lower Upper

75 100

110 8.3 18.3 54.8#

77 1.6 25.1 37.7#



#37

Ethyl Acetate

Concen: 2.846 ug/l

RT: 7.334 min Scan# 909

Delta R.T. -0.070 min

Lab File: VN072065.D

Acq: 19 Apr 2022 21:27

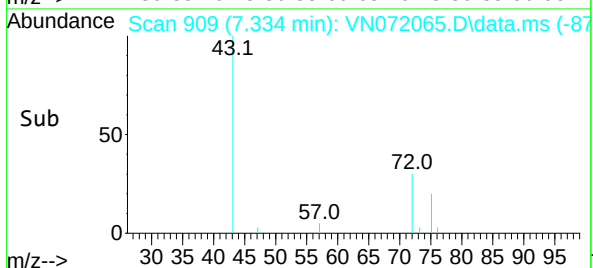
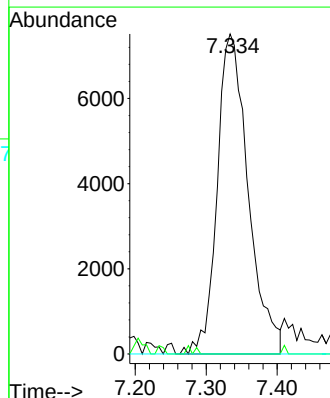
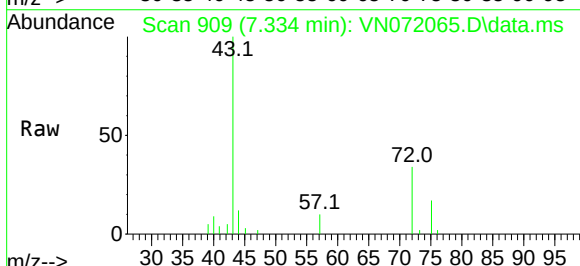
Tgt Ion: 43 Resp: 22788

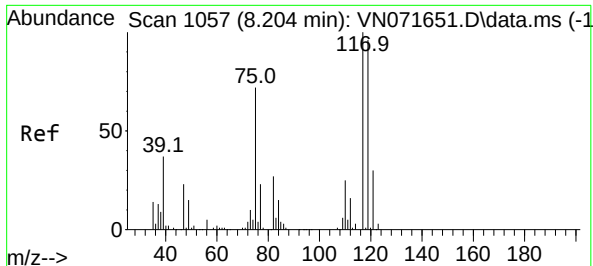
Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.6#

70 0.0 9.3 13.9#

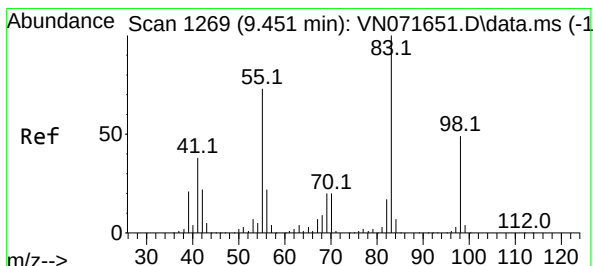
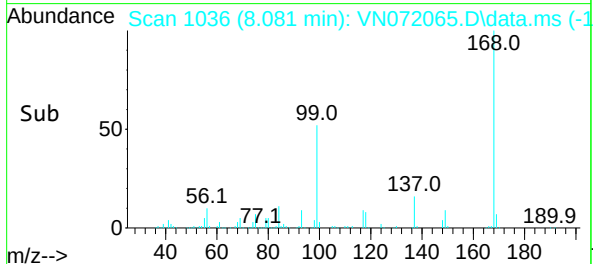
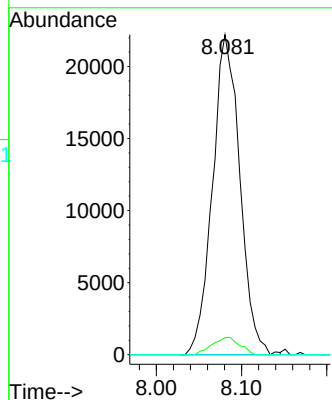
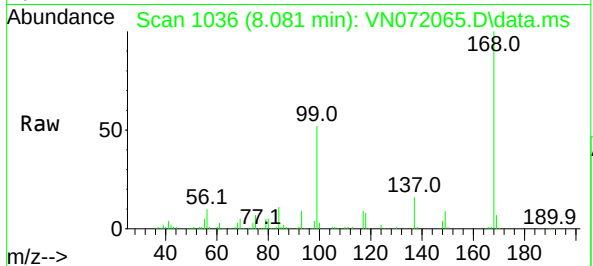




#38  
Carbon Tetrachloride  
Concen: 6.897 ug/l  
RT: 8.081 min Scan# 117  
Delta R.T. -0.123 min  
Lab File: VN072065.D  
Acq: 19 Apr 2022 21:27

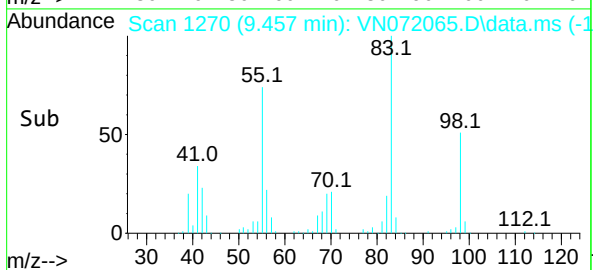
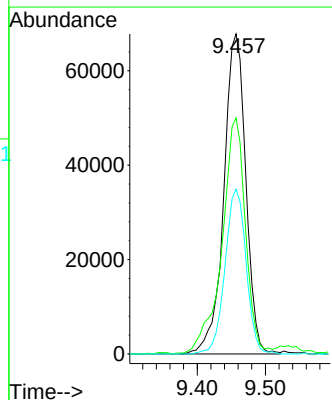
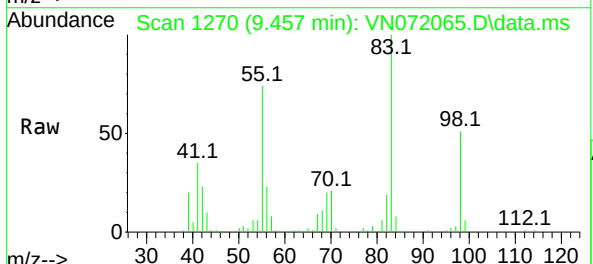
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-5-GR

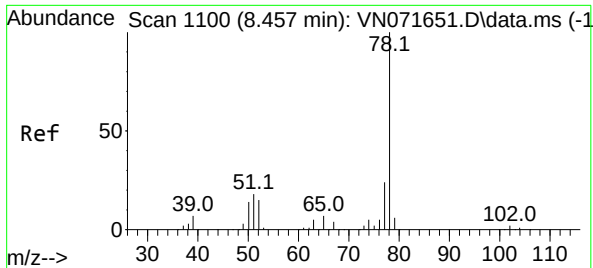
Tgt Ion:117 Resp: 49454  
Ion Ratio Lower Upper  
117 100  
119 5.3 75.8 113.8#  
121 0.0 24.6 37.0#



#39  
Methylcyclohexane  
Concen: 17.474 ug/l  
RT: 9.457 min Scan# 1270  
Delta R.T. 0.006 min  
Lab File: VN072065.D  
Acq: 19 Apr 2022 21:27

Tgt Ion: 83 Resp: 152178  
Ion Ratio Lower Upper  
83 100  
55 73.5 57.8 86.8  
98 51.5 39.4 59.2

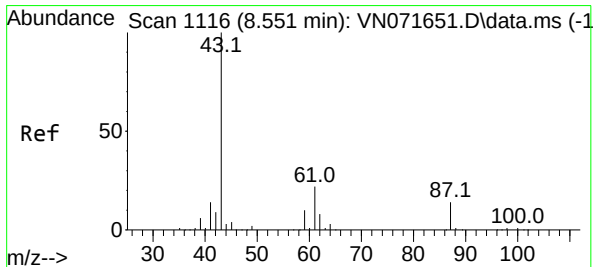
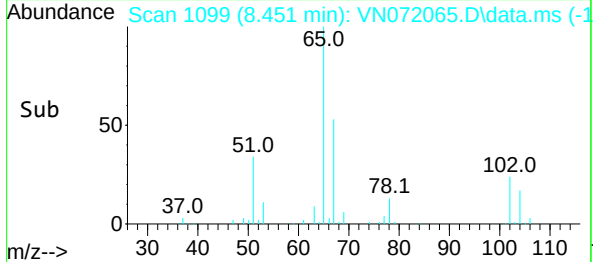
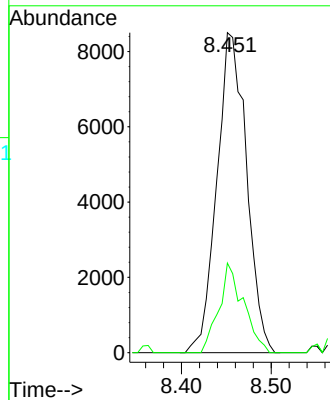
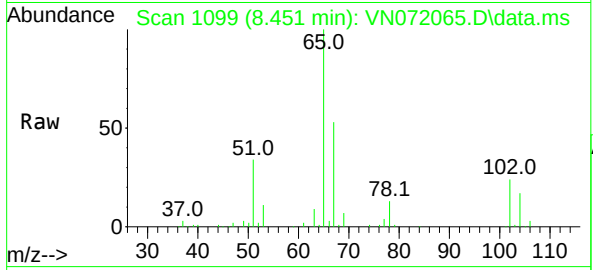




#40  
Benzene  
Concen: 0.844 ug/l  
RT: 8.451 min Scan# 1100  
Delta R.T. -0.006 min  
Lab File: VN072065.D  
Acq: 19 Apr 2022 21:27

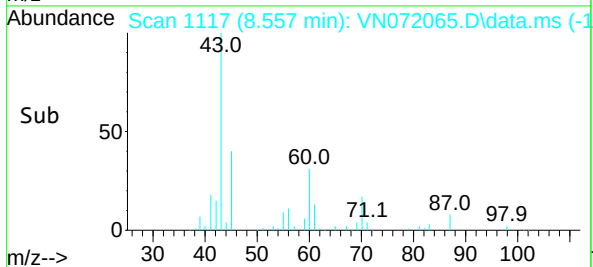
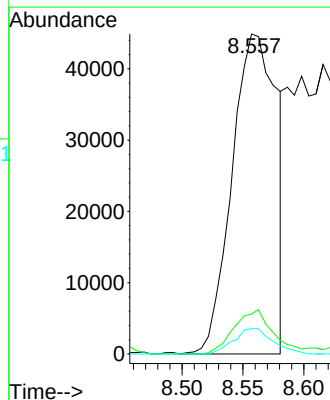
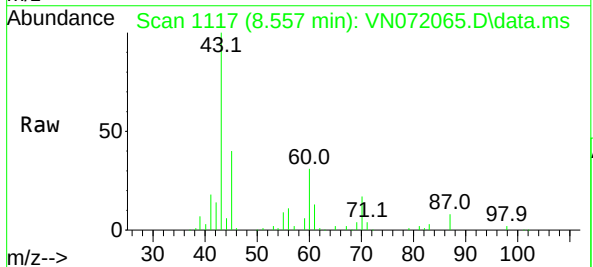
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-5-GR

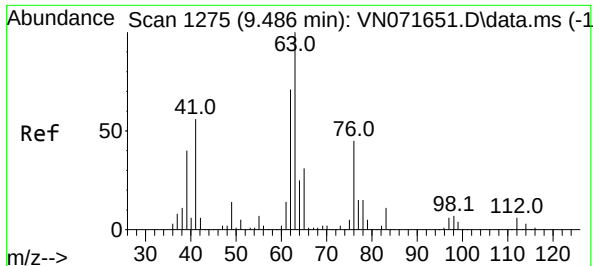
Tgt Ion: 78 Resp: 19495  
Ion Ratio Lower Upper  
78 100  
77 28.0 19.4 29.0



#43  
Isopropyl Acetate  
Concen: 8.608 ug/l  
RT: 8.557 min Scan# 1117  
Delta R.T. 0.006 min  
Lab File: VN072065.D  
Acq: 19 Apr 2022 21:27

Tgt Ion: 43 Resp: 114658  
Ion Ratio Lower Upper  
43 100  
61 12.8 21.9 32.9#  
87 6.9 12.0 18.0#





#45

1,2-Dichloropropane

Concen: 0.241 ug/l

RT: 9.463 min Scan# 1317

Delta R.T. -0.023 min

Lab File: VN072065.D

Acq: 19 Apr 2022 21:27

Instrument :

MSVOA\_N

ClientSampleId :

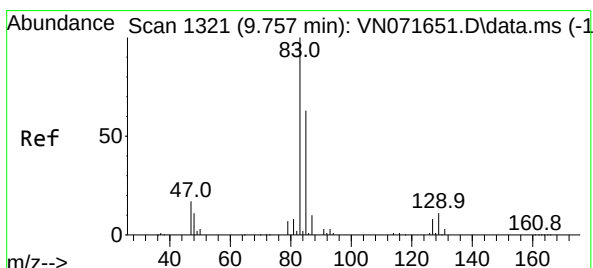
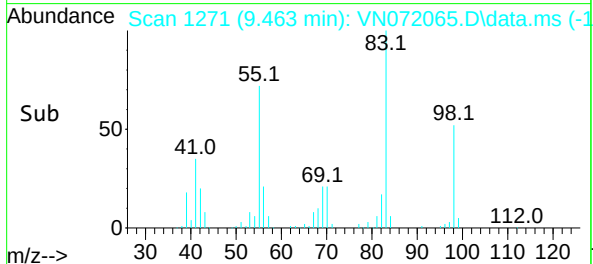
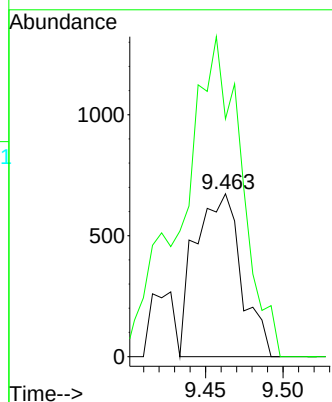
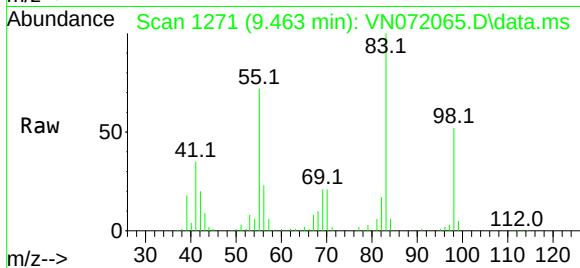
WC-15-1-5-GR

Tgt Ion: 63 Resp: 1389

Ion Ratio Lower Upper

63 100

65 146.1 24.9 37.3#



#47

Bromodichloromethane

Concen: 0.261 ug/l

RT: 9.733 min Scan# 1317

Delta R.T. -0.024 min

Lab File: VN072065.D

Acq: 19 Apr 2022 21:27

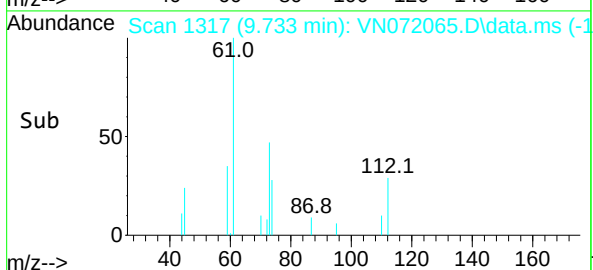
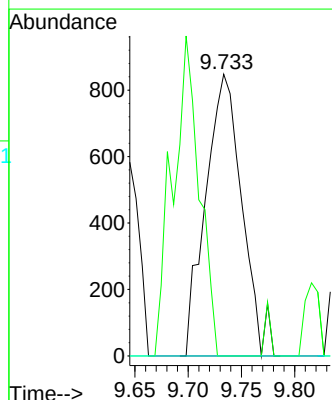
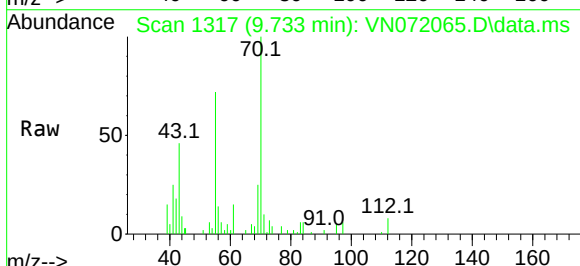
Tgt Ion: 83 Resp: 2012

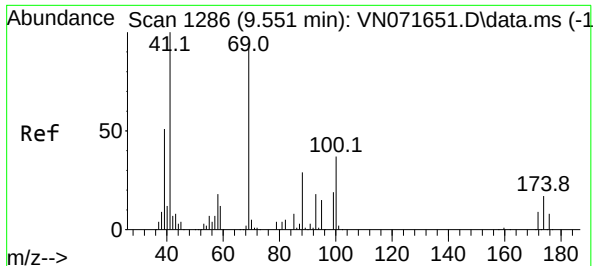
Ion Ratio Lower Upper

83 100

85 0.0 50.5 75.7#

127 0.0 6.8 10.2#

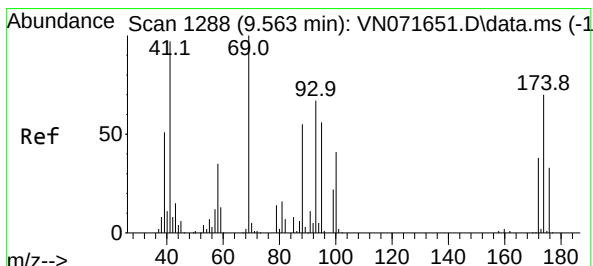
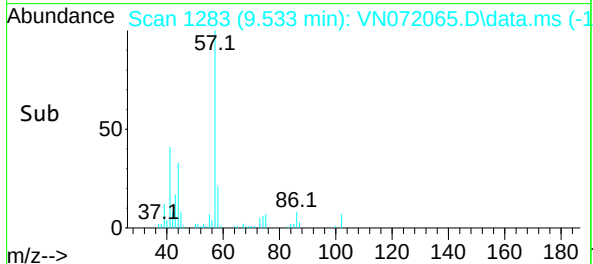
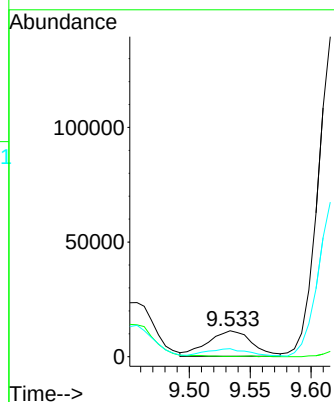
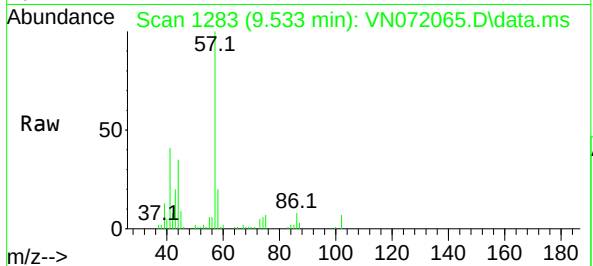




#48  
Methyl methacrylate  
Concen: 5.075 ug/l  
RT: 9.533 min Scan# 1283  
Delta R.T. -0.018 min  
Lab File: VN072065.D  
Acq: 19 Apr 2022 21:27

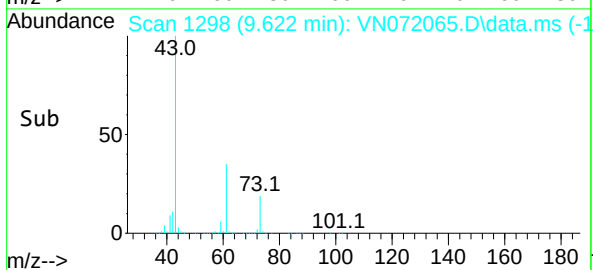
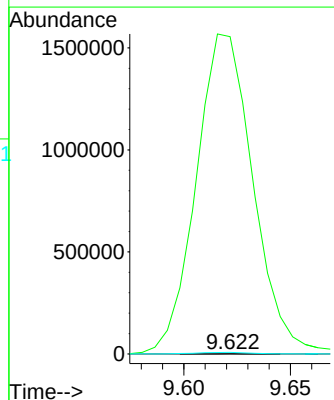
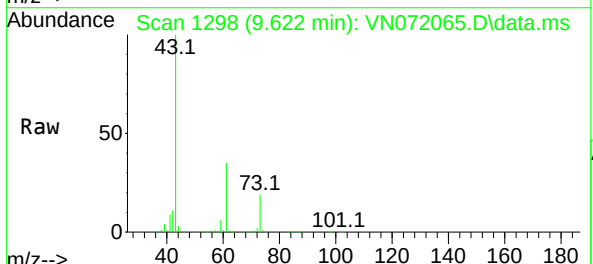
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-5-GR

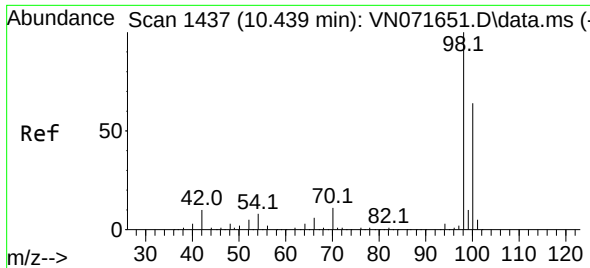
Tgt Ion: 41 Resp: 28044  
Ion Ratio Lower Upper  
41 100  
69 0.0 74.7 112.1#  
39 27.7 45.6 68.4#



#49  
1,4-Dioxane  
Concen: Below Cal  
RT: 9.622 min Scan# 1298  
Delta R.T. 0.059 min  
Lab File: VN072065.D  
Acq: 19 Apr 2022 21:27

Tgt Ion: 88 Resp: 610  
Ion Ratio Lower Upper  
88 100  
43 485637.9 20.2 30.4#  
58 2395.6 54.2 81.4#

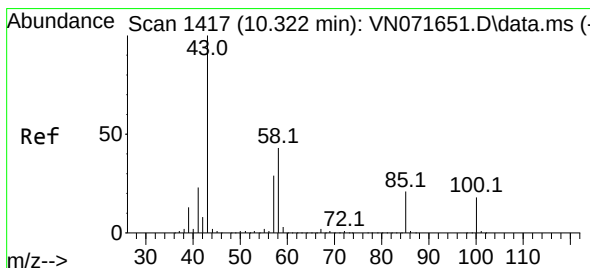
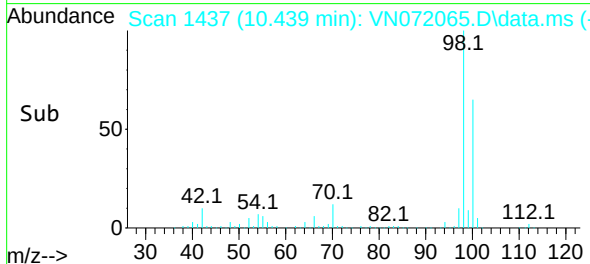
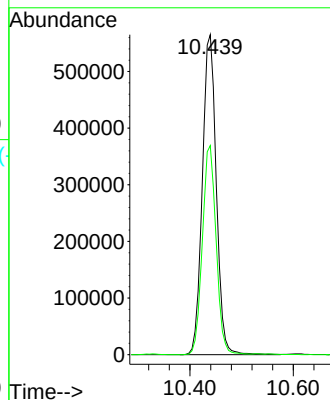
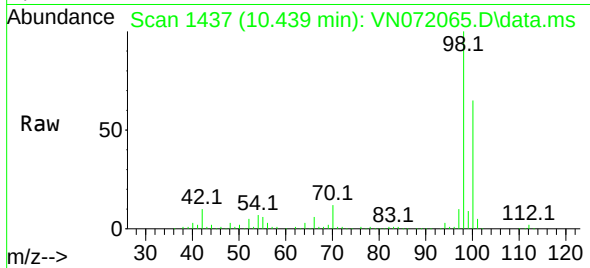




#50  
Toluene-d8  
Concen: 49.322 ug/l  
RT: 10.439 min Scan# 1437  
Delta R.T. 0.000 min  
Lab File: VN072065.D  
Acq: 19 Apr 2022 21:27

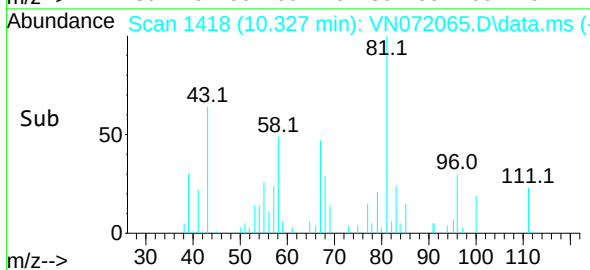
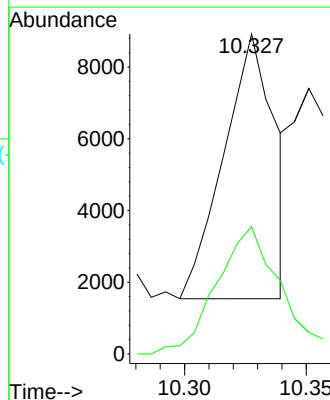
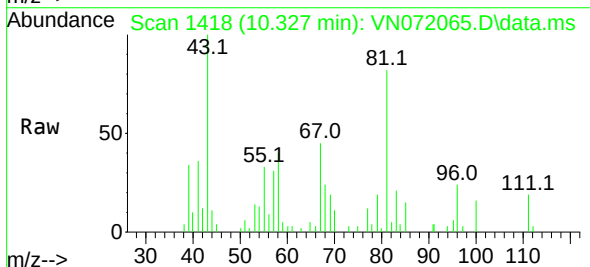
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-5-GR

Tgt Ion: 98 Resp: 1057079  
Ion Ratio Lower Upper  
98 100  
100 64.5 52.6 78.8

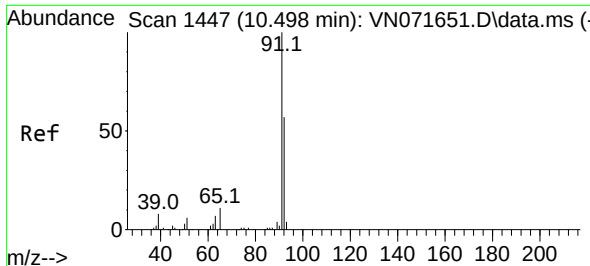


#51  
4-Methyl-2-Pentanone  
Concen: 1.400 ug/l  
RT: 10.327 min Scan# 1418  
Delta R.T. 0.005 min  
Lab File: VN072065.D  
Acq: 19 Apr 2022 21:27

Tgt Ion: 43 Resp: 10724  
Ion Ratio Lower Upper  
43 100  
58 61.4 34.1 51.1#



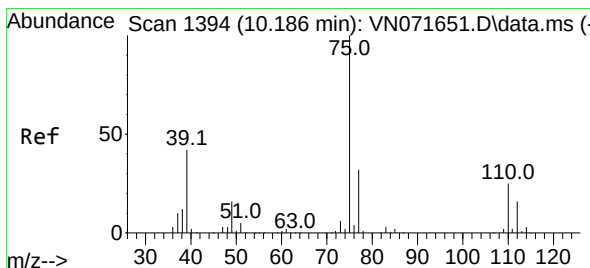
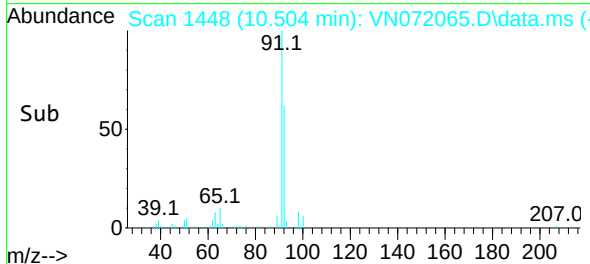
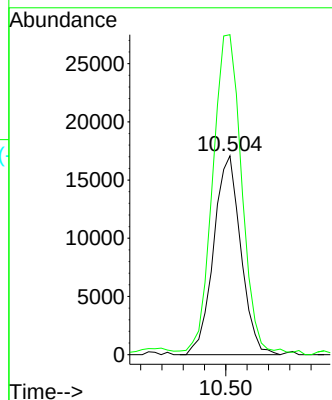
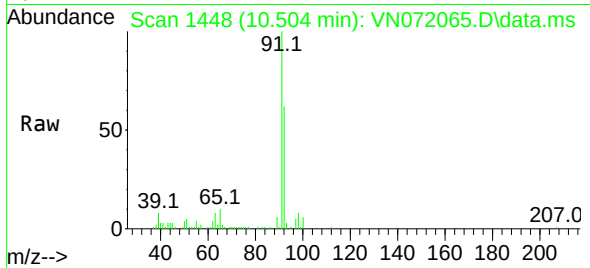




#52  
Toluene  
Concen: 2.070 ug/l  
RT: 10.504 min Scan# 1448  
Delta R.T. 0.006 min  
Lab File: VN072065.D  
Acq: 19 Apr 2022 21:27

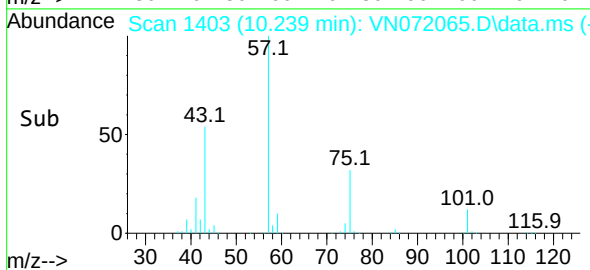
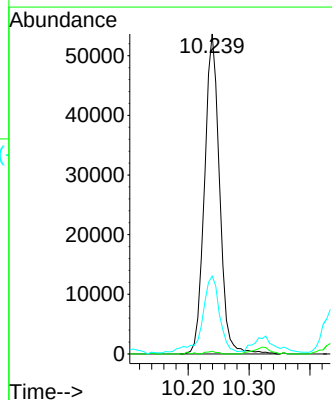
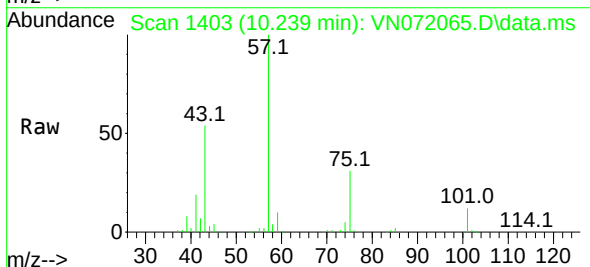
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-5-GR

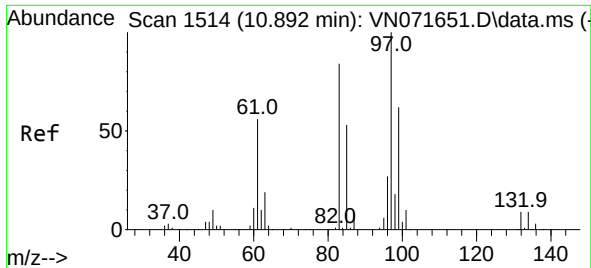
Tgt Ion: 92 Resp: 30247  
Ion Ratio Lower Upper  
92 100  
91 173.3 138.6 207.8



#54  
cis-1,3-Dichloropropene  
Concen: 10.286 ug/l  
RT: 10.239 min Scan# 1403  
Delta R.T. 0.053 min  
Lab File: VN072065.D  
Acq: 19 Apr 2022 21:27

Tgt Ion: 75 Resp: 91917  
Ion Ratio Lower Upper  
75 100  
77 0.8 25.2 37.8#  
39 22.7 35.7 53.5#

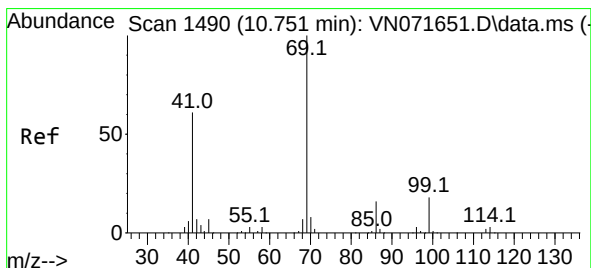
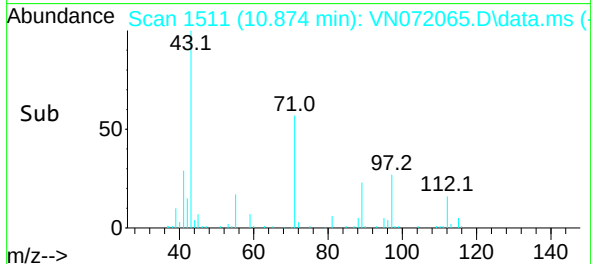
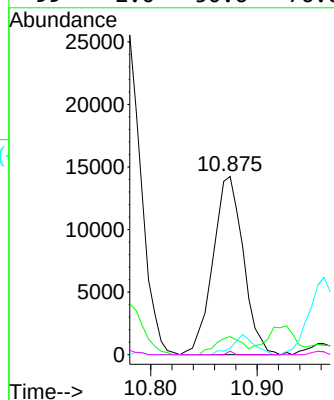
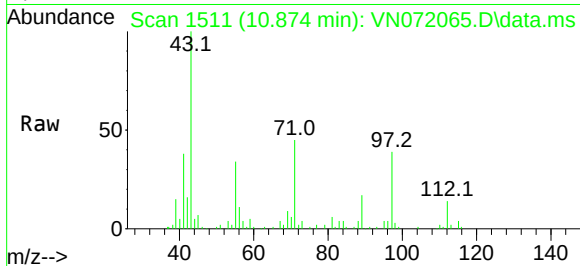




#55  
1,1,2-Trichloroethane  
Concen: 4.686 ug/l  
RT: 10.874 min Scan# 1487  
Delta R.T. -0.018 min  
Lab File: VN072065.D  
Acq: 19 Apr 2022 21:27

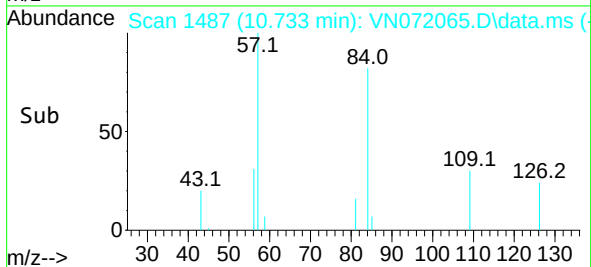
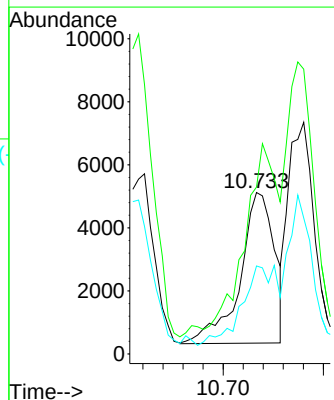
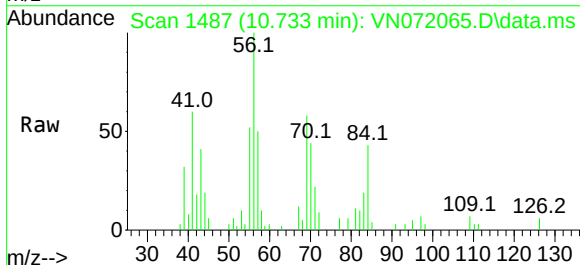
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-5-GR

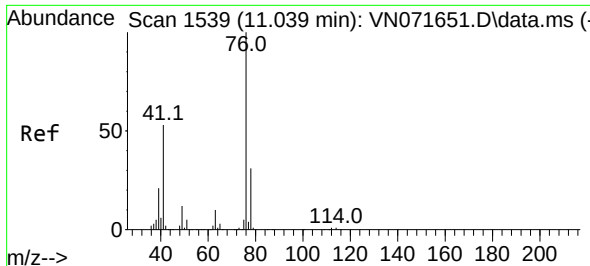
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 28178 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 10.1     | 66.2 99.4#  |
| 85 3.5      | 43.9 65.9#  |
| 99 2.0      | 50.6 76.0#  |



#56  
Ethyl methacrylate  
Concen: 1.330 ug/l  
RT: 10.733 min Scan# 1487  
Delta R.T. -0.018 min  
Lab File: VN072065.D  
Acq: 19 Apr 2022 21:27

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 11412 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 126.1    | 47.8 71.6#  |
| 39 41.5     | 27.3 40.9#  |

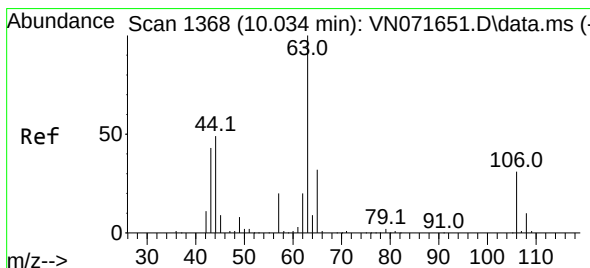
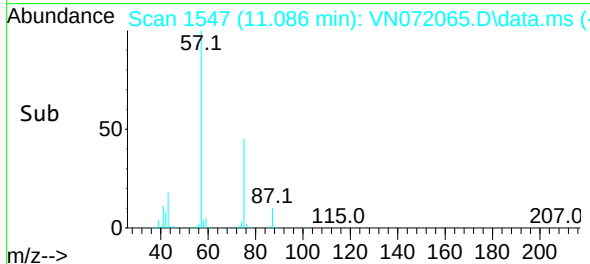
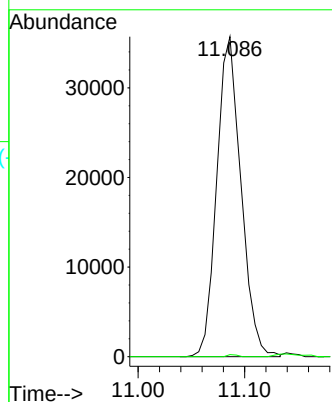
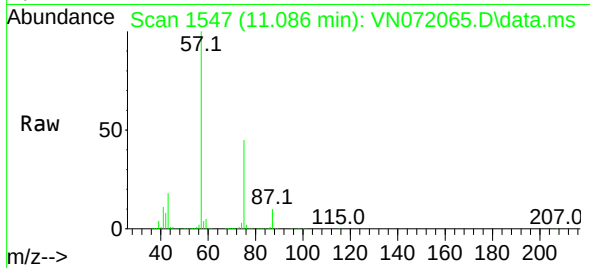




#57  
1,3-Dichloropropane  
Concen: 5.598 ug/l  
RT: 11.086 min Scan# 1547  
Delta R.T. 0.047 min  
Lab File: VN072065.D  
Acq: 19 Apr 2022 21:27

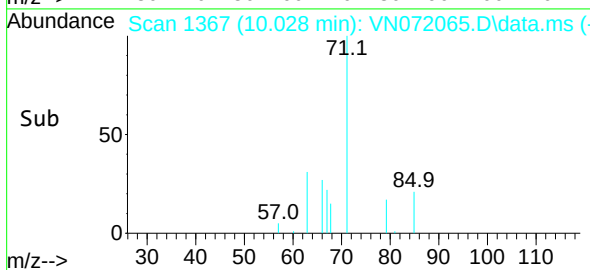
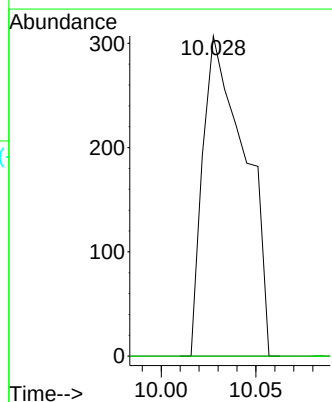
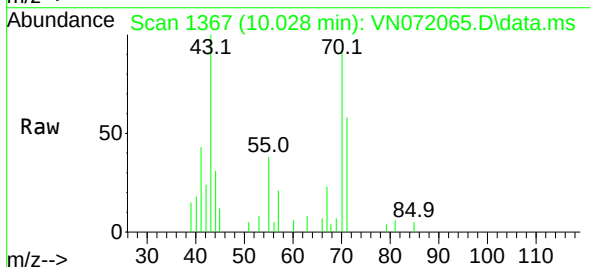
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-5-GR

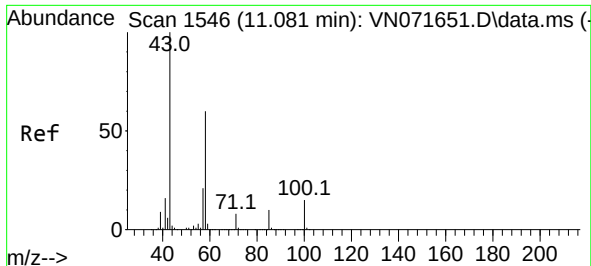
Tgt Ion: 76 Resp: 56279  
Ion Ratio Lower Upper  
76 100  
78 0.3 26.2 39.2#



#58  
2-Chloroethyl Vinyl ether  
Concen: 17.134 ug/l  
RT: 10.028 min Scan# 1367  
Delta R.T. -0.007 min  
Lab File: VN072065.D  
Acq: 19 Apr 2022 21:27

Tgt Ion: 63 Resp: 475  
Ion Ratio Lower Upper  
63 100  
106 0.0 24.6 36.8#

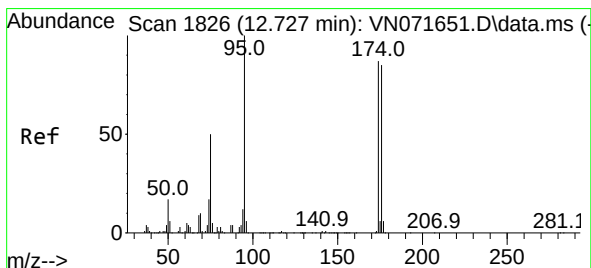
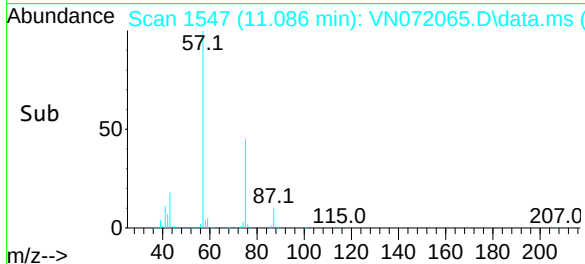
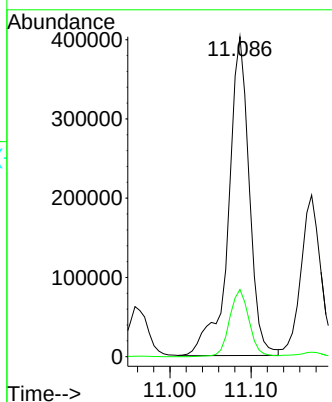
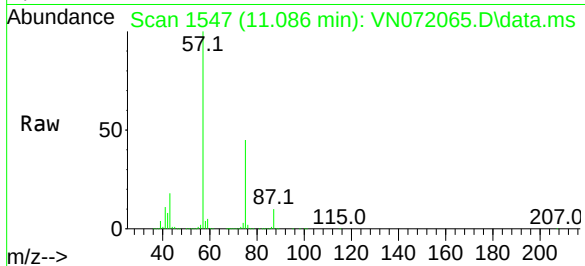




#59  
2-Hexanone  
Concen: 133.335 ug/l  
RT: 11.086 min Scan# 1154  
Delta R.T. 0.005 min  
Lab File: VN072065.D  
Acq: 19 Apr 2022 21:27

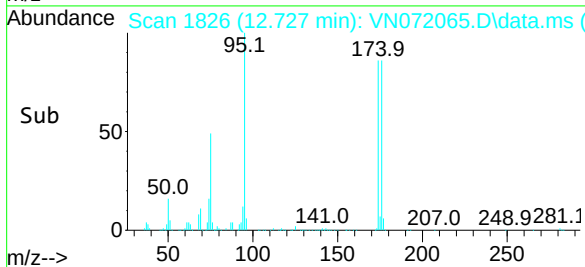
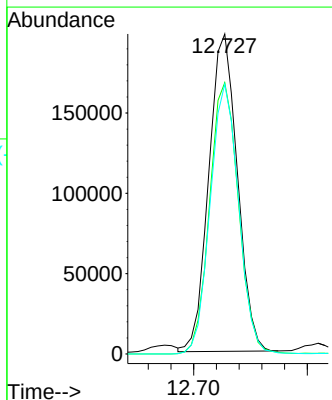
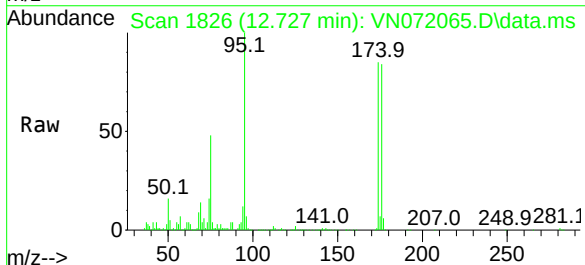
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-5-GR

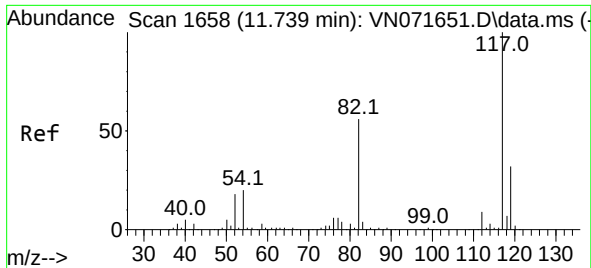
Tgt Ion: 43 Resp: 718890  
Ion Ratio Lower Upper  
43 100  
58 19.8 29.7 89.1#



#62  
4-Bromofluorobenzene  
Concen: 49.821 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN072065.D  
Acq: 19 Apr 2022 21:27

Tgt Ion: 95 Resp: 345329  
Ion Ratio Lower Upper  
95 100  
174 86.4 0.0 167.6  
176 84.6 0.0 163.4

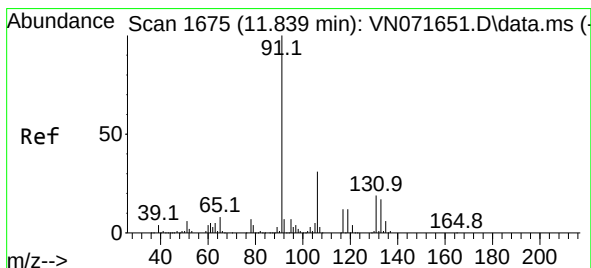
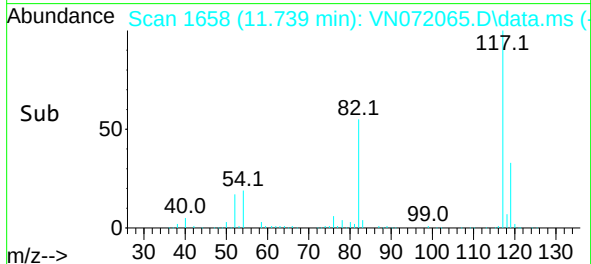
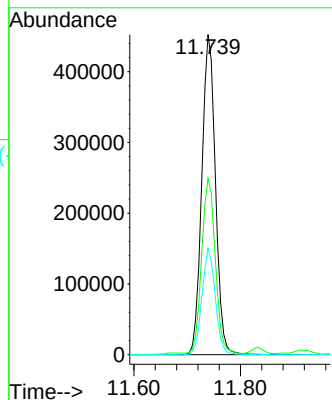
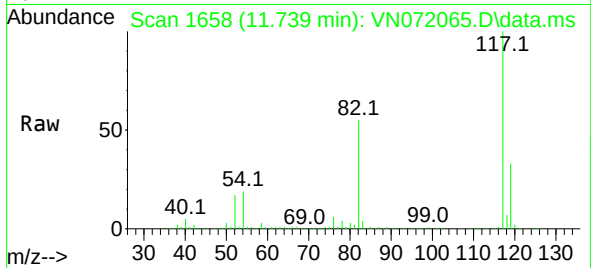




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 1658  
Delta R.T. 0.000 min  
Lab File: VN072065.D  
Acq: 19 Apr 2022 21:27

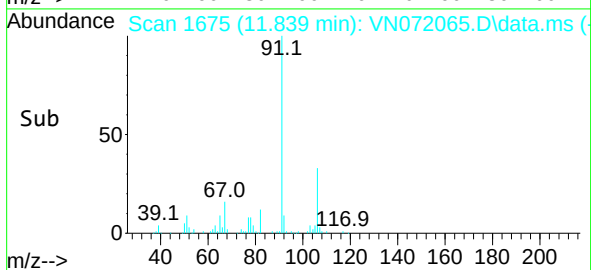
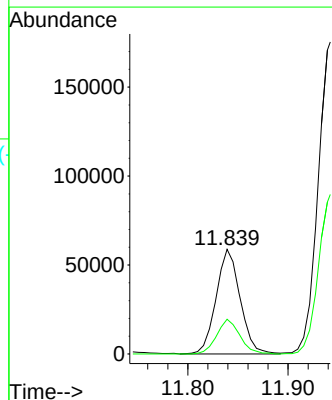
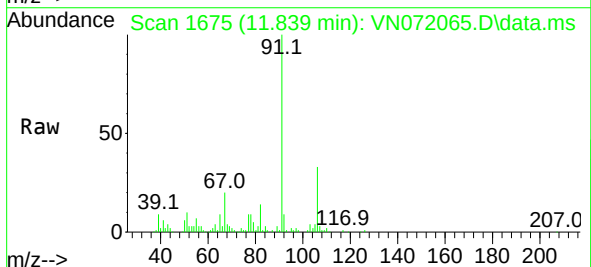
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-5-GR

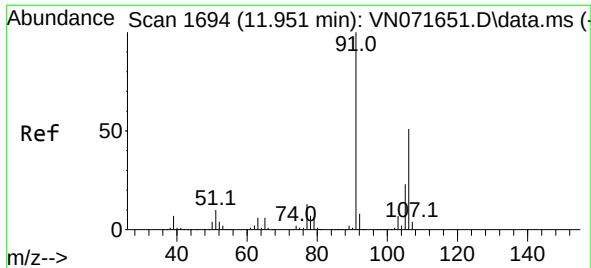
Tgt Ion:117 Resp: 803486  
Ion Ratio Lower Upper  
117 100  
82 54.6 44.2 66.2  
119 33.2 25.4 38.0



#67  
Ethyl Benzene  
Concen: 3.598 ug/l  
RT: 11.839 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VN072065.D  
Acq: 19 Apr 2022 21:27

Tgt Ion: 91 Resp: 97987  
Ion Ratio Lower Upper  
91 100  
106 33.2 24.9 37.3

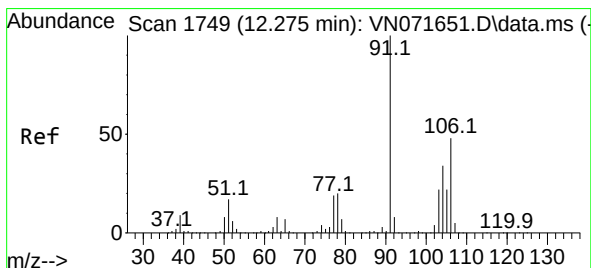
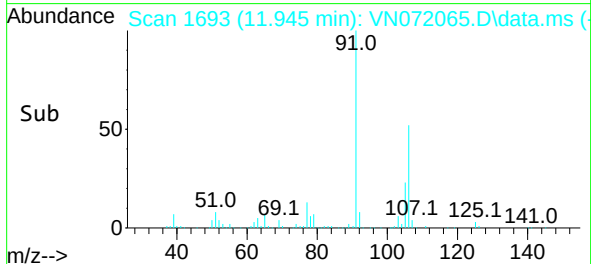
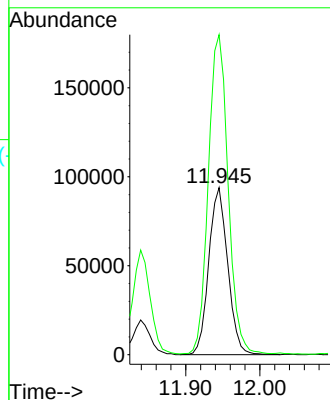
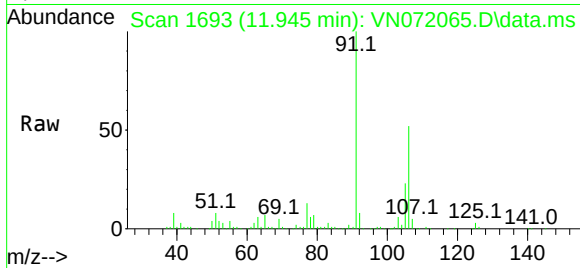




#68  
m/p-Xylenes  
Concen: 15.941 ug/l  
RT: 11.945 min Scan# 1693  
Delta R.T. -0.006 min  
Lab File: VN072065.D  
Acq: 19 Apr 2022 21:27

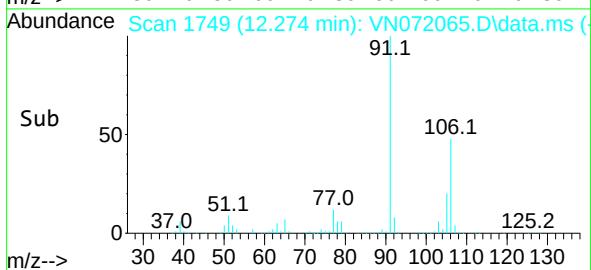
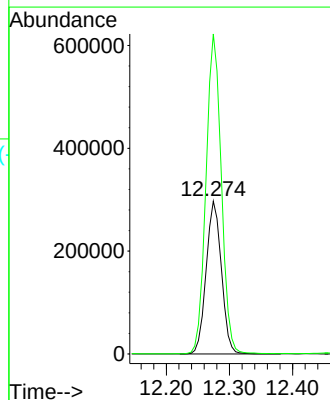
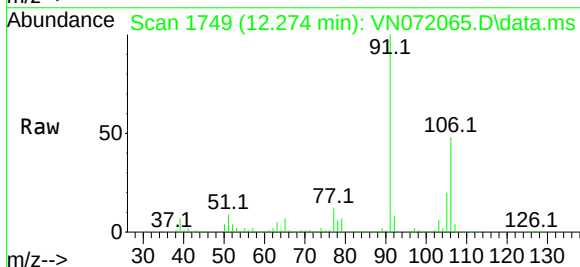
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-5-GR

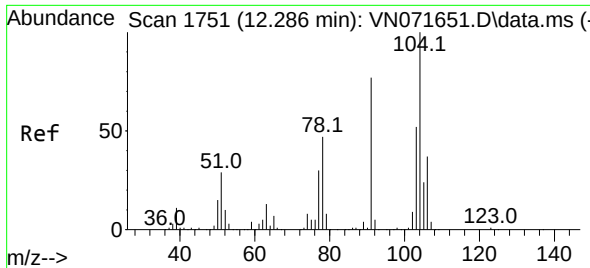
Tgt Ion:106 Resp: 166823  
Ion Ratio Lower Upper  
106 100  
91 198.9 158.9 238.3



#69  
o-Xylene  
Concen: 47.979 ug/l  
RT: 12.274 min Scan# 1749  
Delta R.T. -0.001 min  
Lab File: VN072065.D  
Acq: 19 Apr 2022 21:27

Tgt Ion:106 Resp: 498351  
Ion Ratio Lower Upper  
106 100  
91 210.4 106.0 318.0

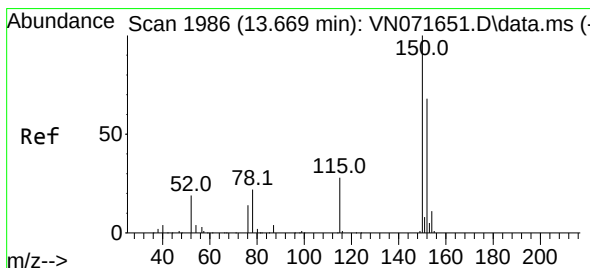
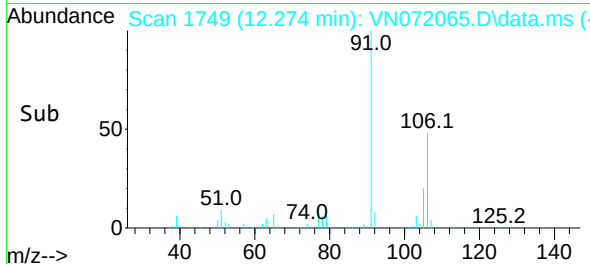
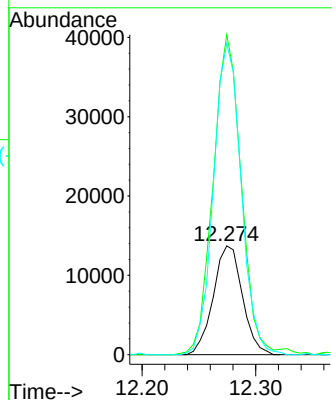
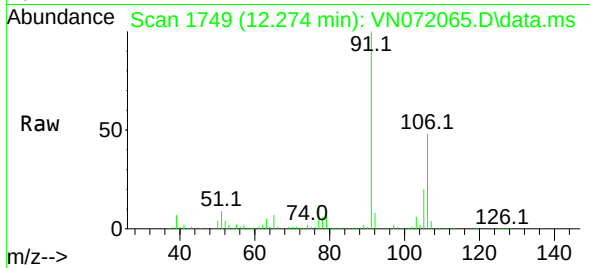




#70  
Styrene  
Concen: 1.553 ug/l  
RT: 12.274 min Scan# 1749  
Delta R.T. -0.012 min  
Lab File: VN072065.D  
Acq: 19 Apr 2022 21:27

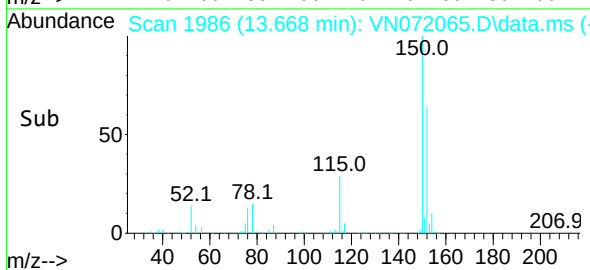
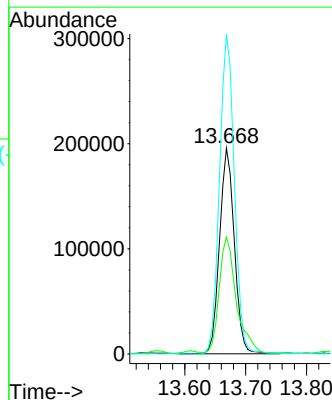
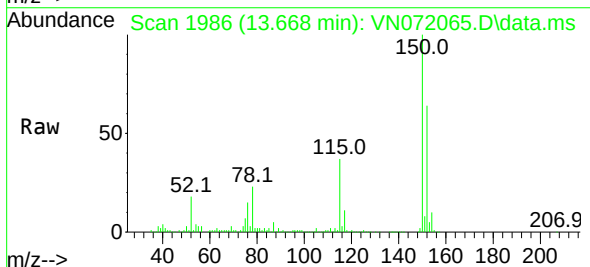
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-5-GR

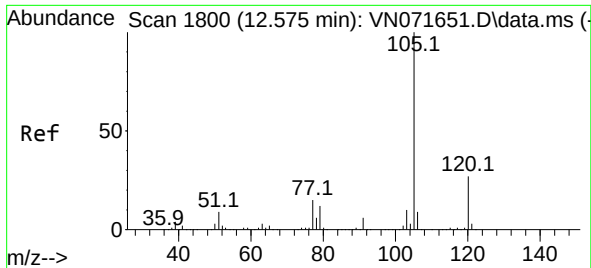
Tgt Ion:104 Resp: 24446  
Ion Ratio Lower Upper  
104 100  
78 285.6 39.5 59.3#  
103 271.7 44.0 66.0#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.668 min Scan# 1986  
Delta R.T. -0.001 min  
Lab File: VN072065.D  
Acq: 19 Apr 2022 21:27

Tgt Ion:152 Resp: 329472  
Ion Ratio Lower Upper  
152 100  
115 65.2 28.9 86.7  
150 156.7 0.0 356.2

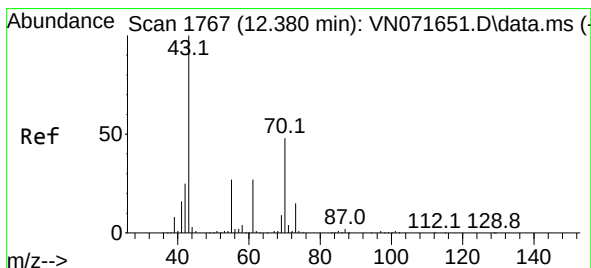
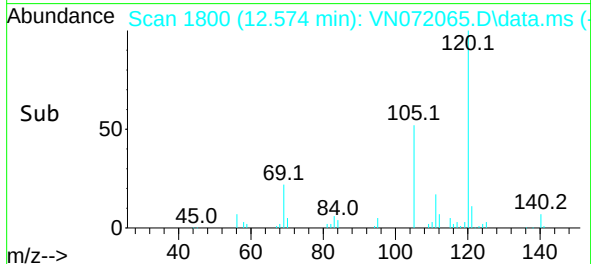
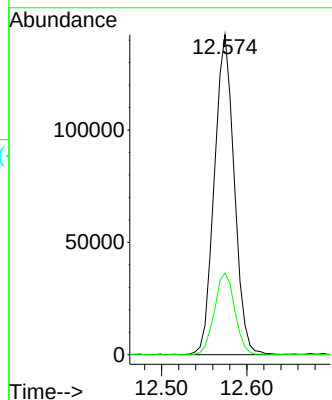
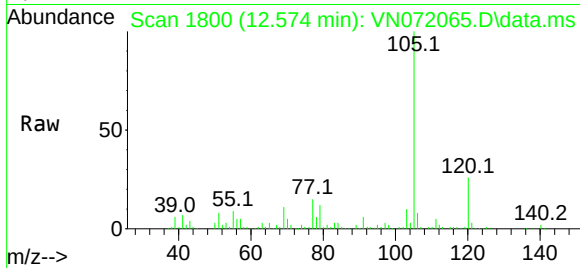




#73  
Isopropylbenzene  
Concen: 8.331 ug/l  
RT: 12.574 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VN072065.D  
Acq: 19 Apr 2022 21:27

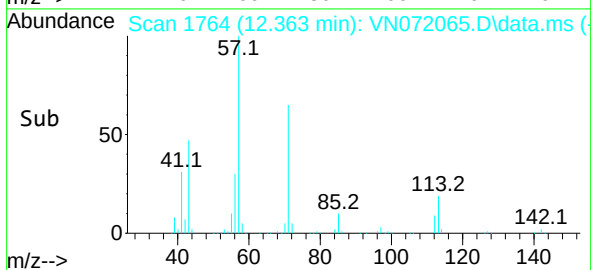
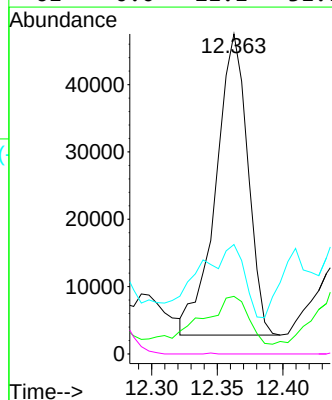
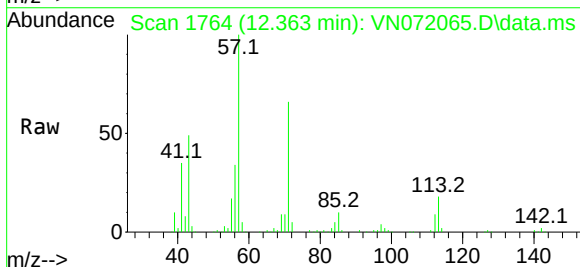
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-5-GR

Tgt Ion:105 Resp: 231310  
Ion Ratio Lower Upper  
105 100  
120 26.2 13.5 40.4

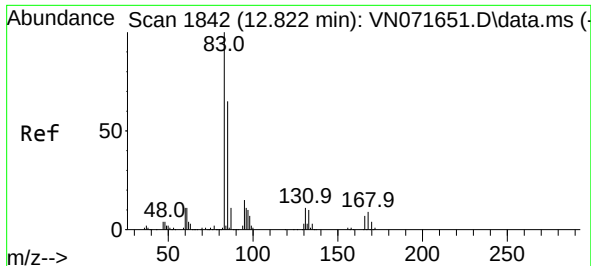


#74  
N-ethyl acetate  
Concen: 9.537 ug/l  
RT: 12.363 min Scan# 1764  
Delta R.T. -0.017 min  
Lab File: VN072065.D  
Acq: 19 Apr 2022 21:27

Tgt Ion: 43 Resp: 75864  
Ion Ratio Lower Upper  
43 100  
70 23.1 39.0 58.4#  
55 34.5 21.1 31.7#  
61 0.0 21.1 31.7#



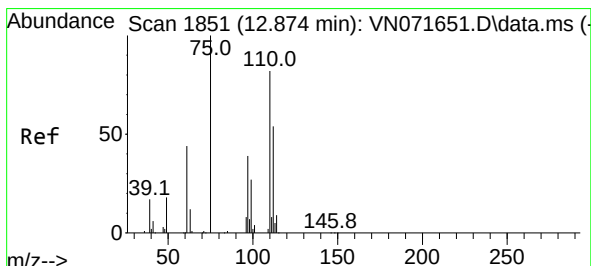
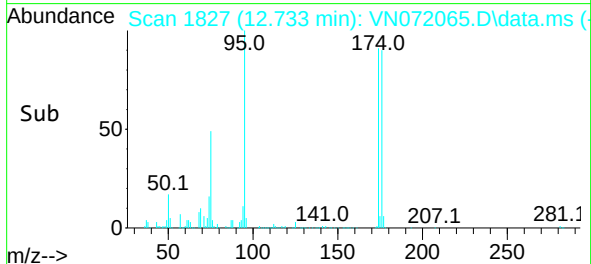
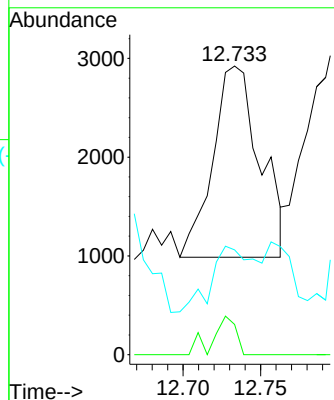
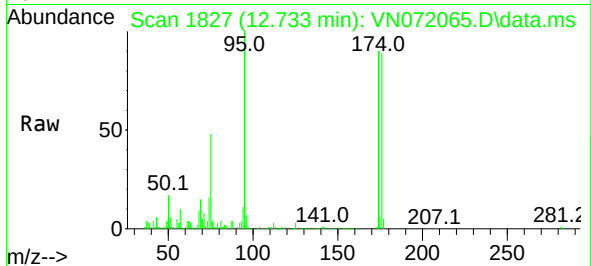




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 0.442 ug/l  
 RT: 12.733 min Scan# 1827  
 Delta R.T. -0.089 min  
 Lab File: VN072065.D  
 Acq: 19 Apr 2022 21:27

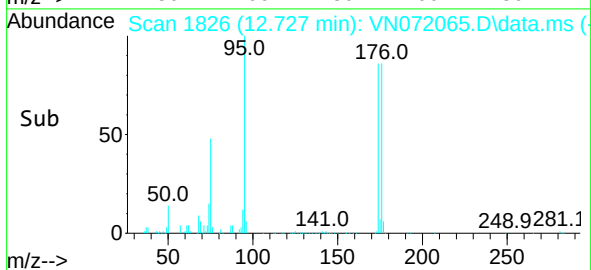
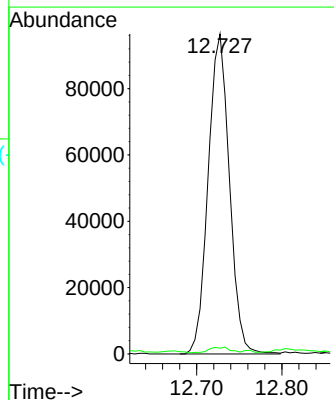
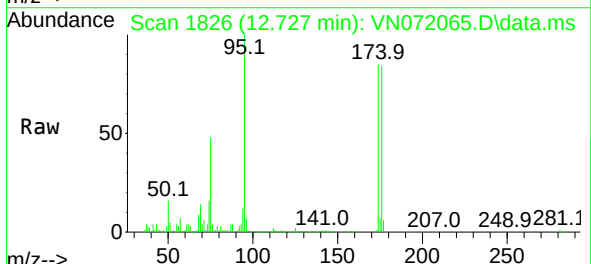
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-15-1-5-GR

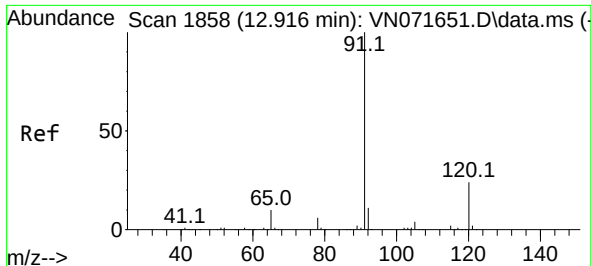
Tgt Ion: 83 Resp: 4092  
 Ion Ratio Lower Upper  
 83 100  
 131 9.8 5.3 15.9  
 85 32.4 32.3 96.9



#76  
 1,2,3-Trichloropropane  
 Concen: 21.888 ug/l  
 RT: 12.727 min Scan# 1826  
 Delta R.T. -0.147 min  
 Lab File: VN072065.D  
 Acq: 19 Apr 2022 21:27

Tgt Ion: 75 Resp: 167057  
 Ion Ratio Lower Upper  
 75 100  
 77 1.7 98.5 295.5#

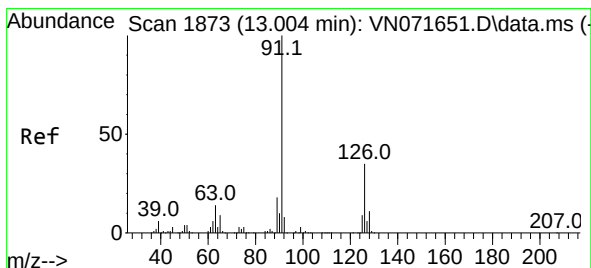
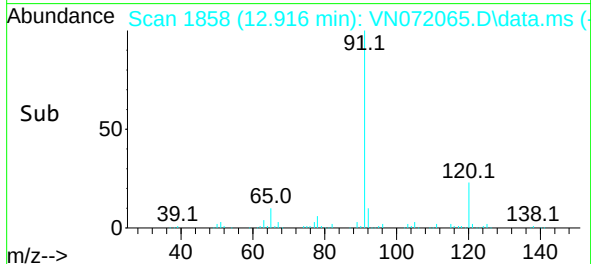
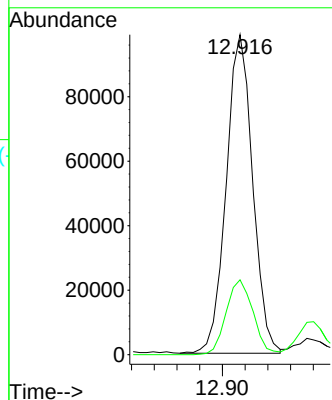
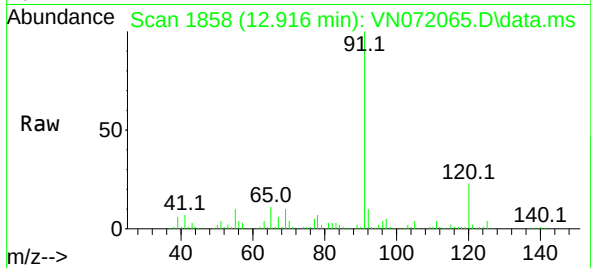




#78  
n-propylbenzene  
Concen: 5.468 ug/l  
RT: 12.916 min Scan# 1858  
Delta R.T. -0.000 min  
Lab File: VN072065.D  
Acq: 19 Apr 2022 21:27

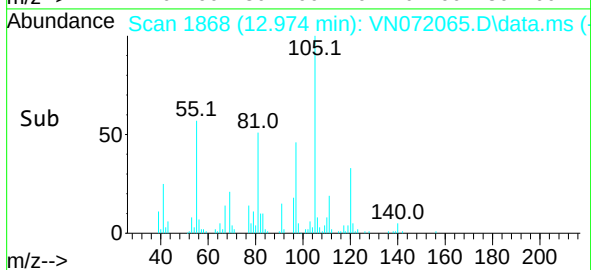
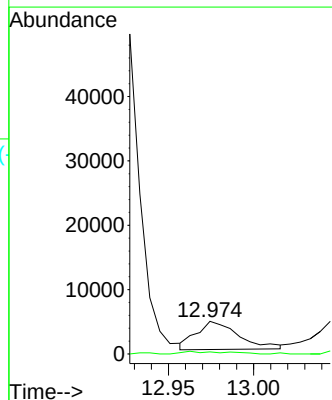
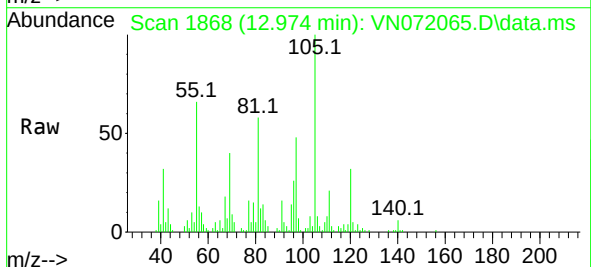
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-5-GR

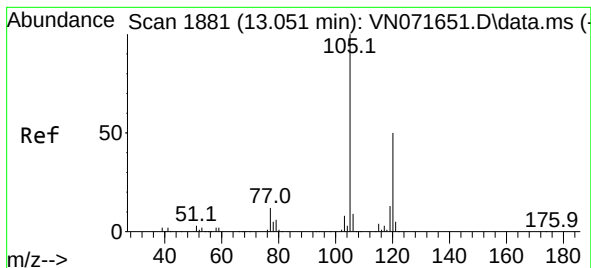
Tgt Ion: 91 Resp: 159698  
Ion Ratio Lower Upper  
91 100  
120 24.0 11.9 35.5



#79  
2-Chlorotoluene  
Concen: 0.402 ug/l  
RT: 12.974 min Scan# 1868  
Delta R.T. -0.030 min  
Lab File: VN072065.D  
Acq: 19 Apr 2022 21:27

Tgt Ion: 91 Resp: 7533  
Ion Ratio Lower Upper  
91 100  
126 9.3 17.3 51.9#





#80

1,3,5-Trimethylbenzene

Concen: 4.536 ug/l

RT: 13.051 min Scan# 1881

Delta R.T. -0.000 min

Lab File: VN072065.D

Acq: 19 Apr 2022 21:27

Instrument :

MSVOA\_N

ClientSampleId :

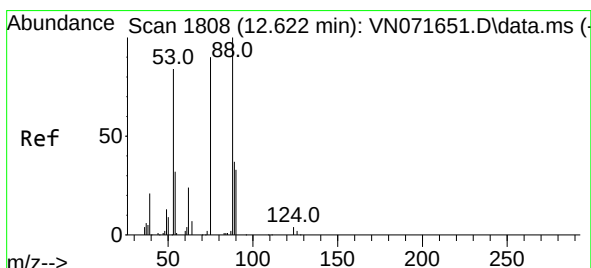
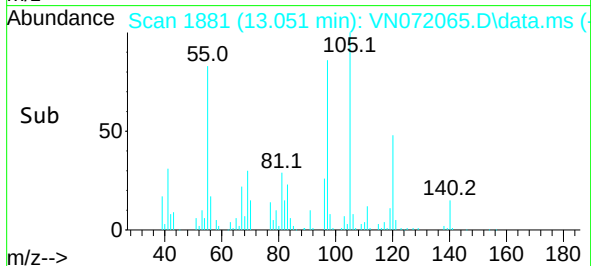
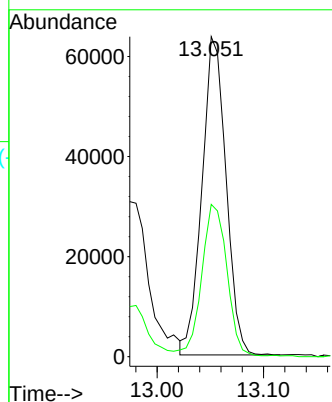
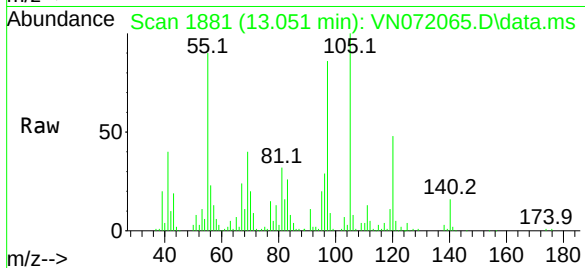
WC-15-1-5-GR

Tgt Ion:105 Resp: 99787

Ion Ratio Lower Upper

105 100

120 49.8 24.9 74.7



#81

trans-1,4-Dichloro-2-butene

Concen: 67.829 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. 0.105 min

Lab File: VN072065.D

Acq: 19 Apr 2022 21:27

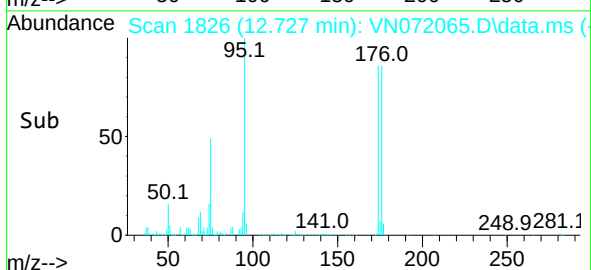
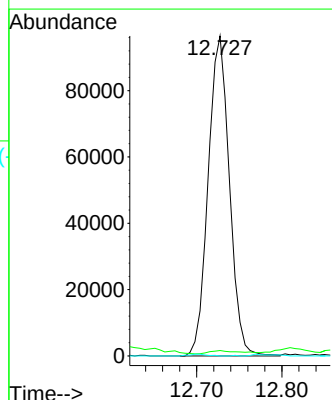
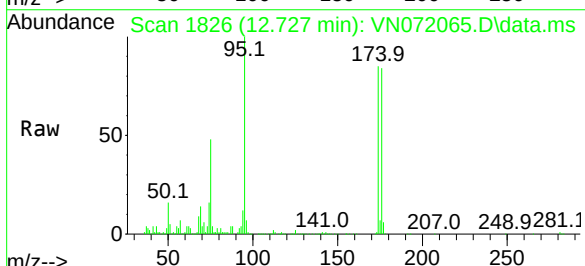
Tgt Ion: 75 Resp: 167057

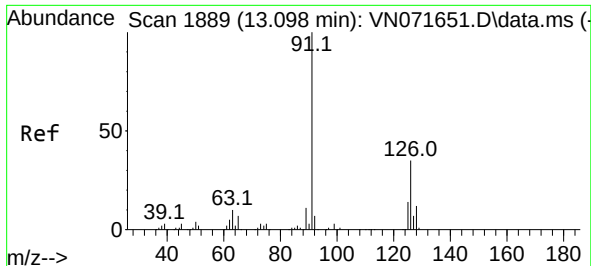
Ion Ratio Lower Upper

75 100

53 1.5 78.0 117.0#

89 0.0 37.2 55.8#

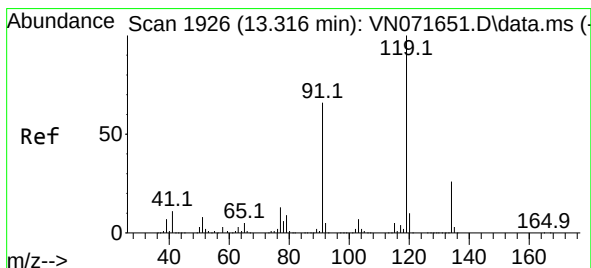
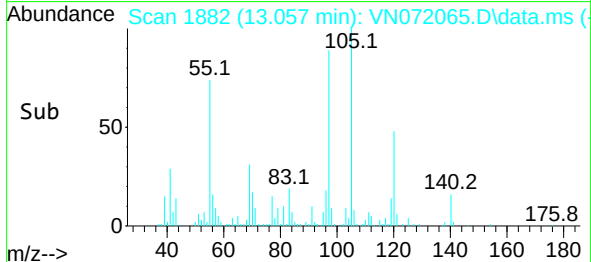
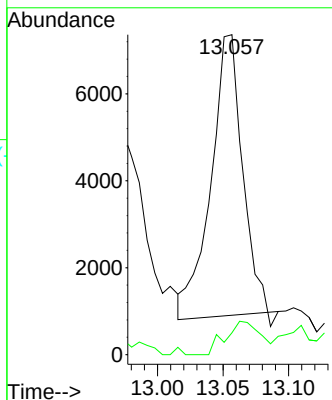
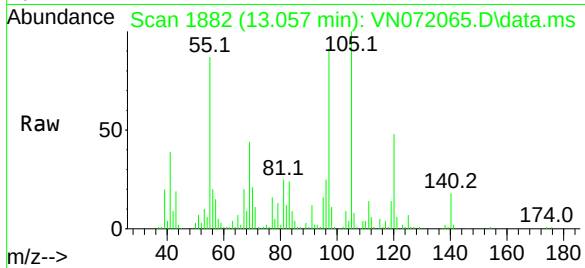




#82  
4-Chlorotoluene  
Concen: 0.621 ug/l  
RT: 13.057 min Scan# 11  
Delta R.T. -0.041 min  
Lab File: VN072065.D  
Acq: 19 Apr 2022 21:27

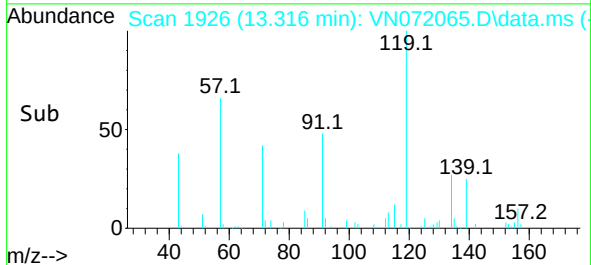
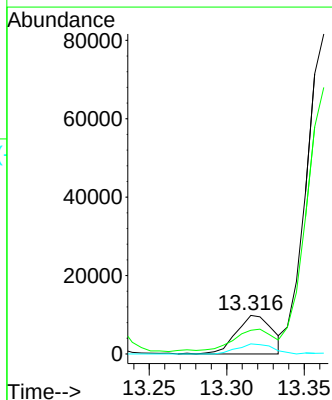
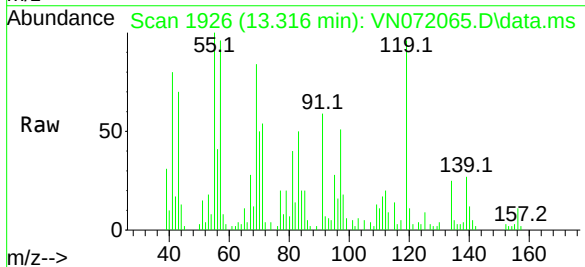
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-5-GR

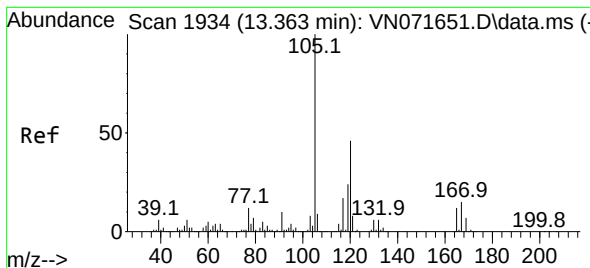
Tgt Ion: 91 Resp: 10787  
Ion Ratio Lower Upper  
91 100  
126 13.2 17.2 51.6#



#83  
tert-Butylbenzene  
Concen: 0.791 ug/l  
RT: 13.316 min Scan# 1926  
Delta R.T. -0.000 min  
Lab File: VN072065.D  
Acq: 19 Apr 2022 21:27

Tgt Ion: 119 Resp: 15913  
Ion Ratio Lower Upper  
119 100  
91 65.2 31.6 94.8  
134 25.3 13.7 41.1





#84

1,2,4-Trimethylbenzene

Concen: 49.718 ug/l

RT: 13.363 min Scan# 1934

Delta R.T. -0.000 min

Lab File: VN072065.D

Acq: 19 Apr 2022 21:27

Instrument :

MSVOA\_N

ClientSampleId :

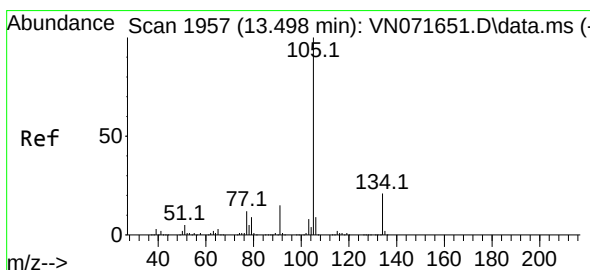
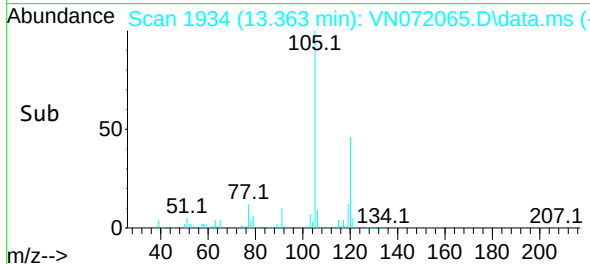
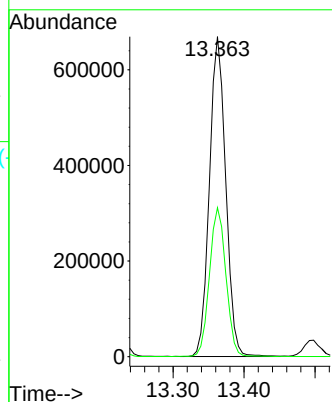
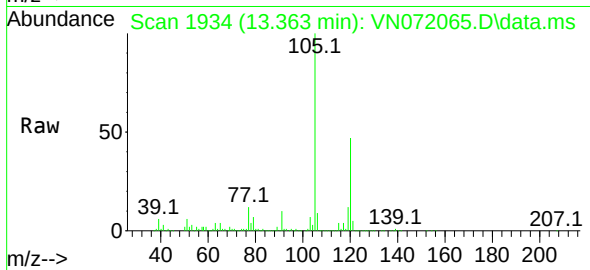
WC-15-1-5-GR

Tgt Ion:105 Resp: 1067098

Ion Ratio Lower Upper

105 100

120 47.1 23.3 69.8



#85

sec-Butylbenzene

Concen: 2.065 ug/l

RT: 13.498 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VN072065.D

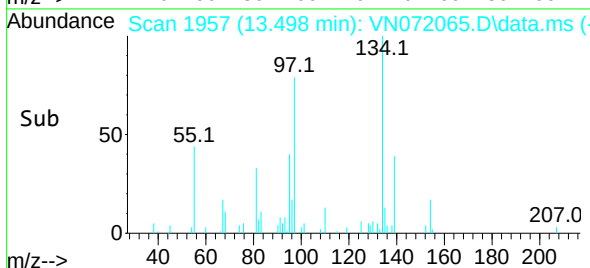
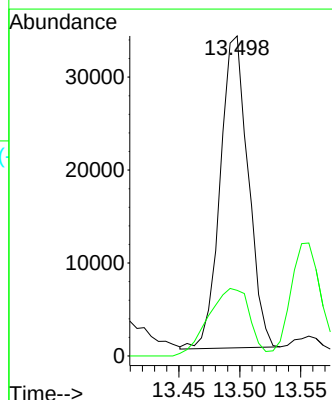
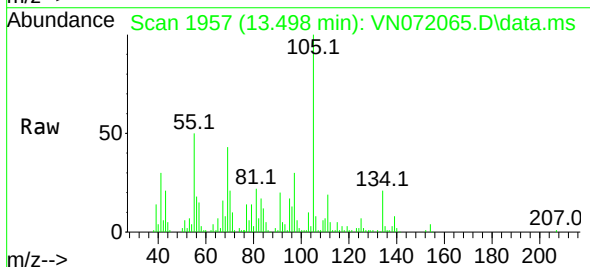
Acq: 19 Apr 2022 21:27

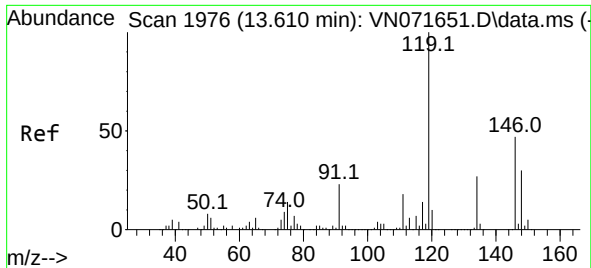
Tgt Ion:105 Resp: 53825

Ion Ratio Lower Upper

105 100

134 31.7 10.4 31.1#

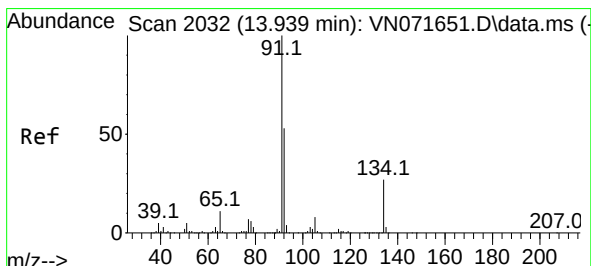
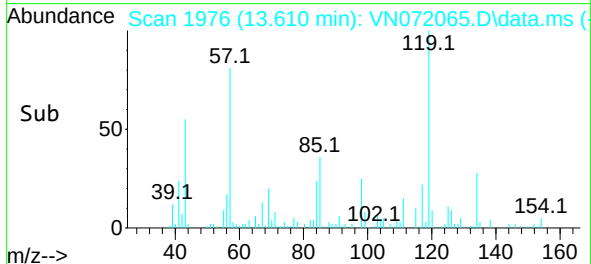
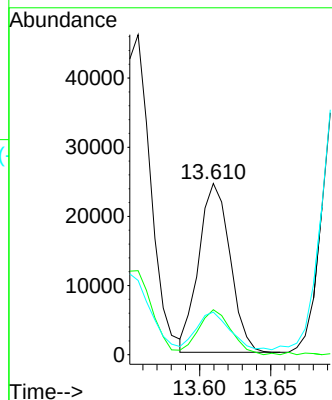
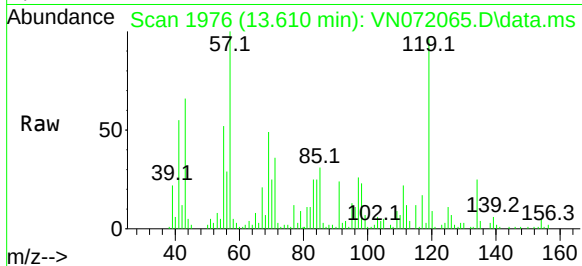




#86  
p-Isopropyltoluene  
Concen: 1.801 ug/l  
RT: 13.610 min Scan# 1976  
Delta R.T. -0.000 min  
Lab File: VN072065.D  
Acq: 19 Apr 2022 21:27

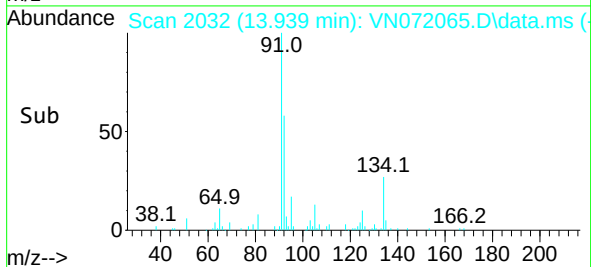
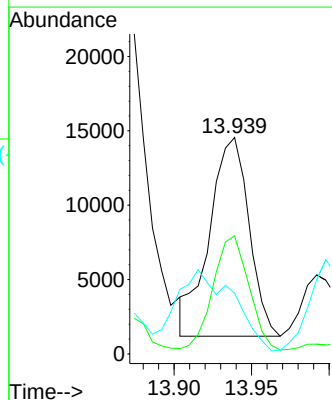
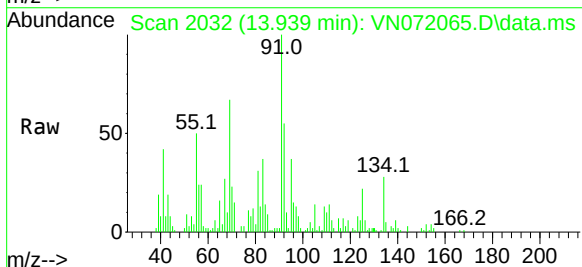
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-5-GR

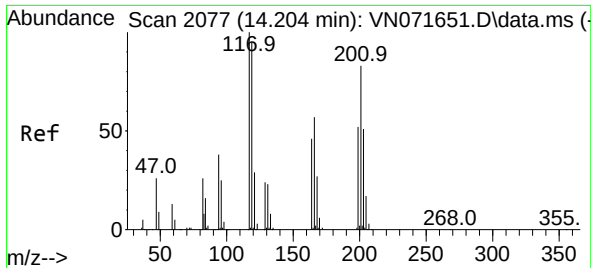
Tgt Ion:119 Resp: 37434  
Ion Ratio Lower Upper  
119 100  
134 27.5 13.3 39.8  
91 23.3 11.3 33.9



#89  
n-Butylbenzene  
Concen: 1.538 ug/l  
RT: 13.939 min Scan# 2032  
Delta R.T. 0.000 min  
Lab File: VN072065.D  
Acq: 19 Apr 2022 21:27

Tgt Ion: 91 Resp: 23714  
Ion Ratio Lower Upper  
91 100  
92 51.7 26.9 80.7  
134 0.0 13.6 40.8#

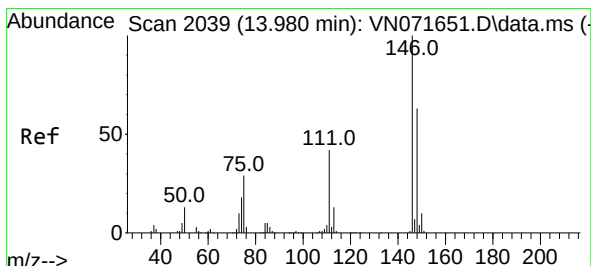
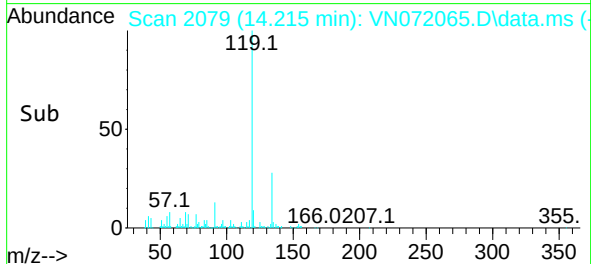
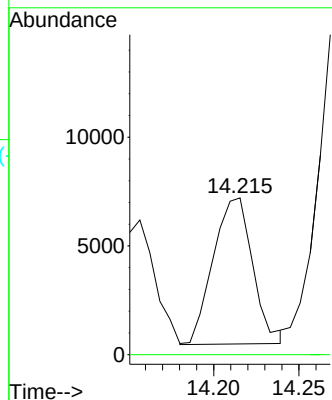
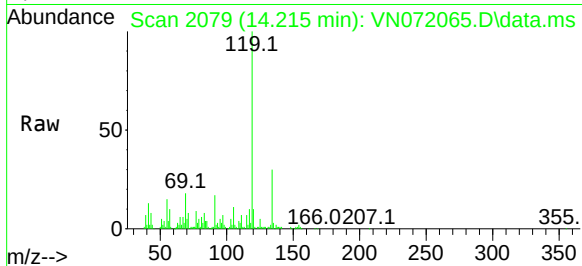




#90  
Hexachloroethane  
Concen: 2.847 ug/l  
RT: 14.215 min Scan# 2077  
Delta R.T. 0.011 min  
Lab File: VN072065.D  
Acq: 19 Apr 2022 21:27

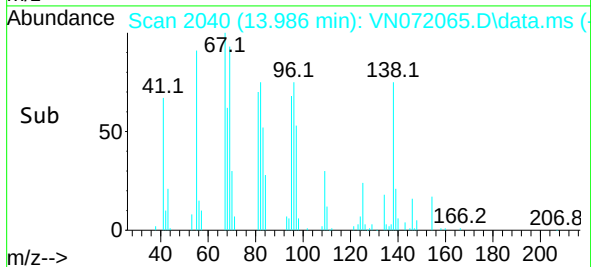
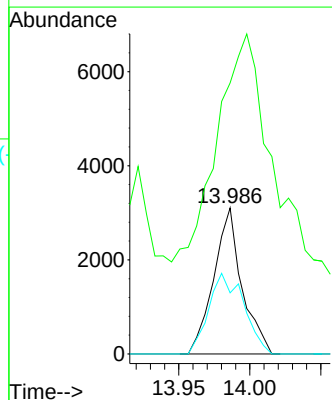
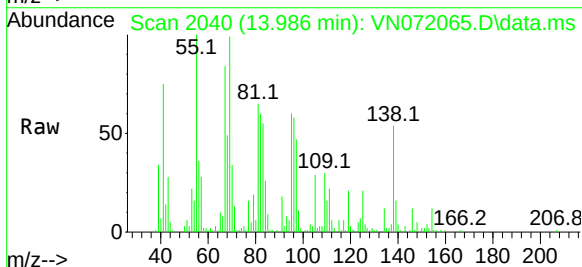
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-15-1-5-GR

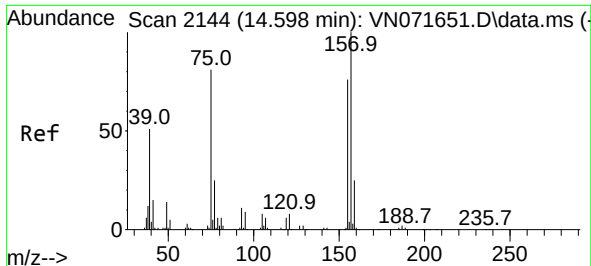
Tgt Ion:117 Resp: 10830  
Ion Ratio Lower Upper  
117 100  
201 0.0 40.6 122.0#



#91  
1,2-Dichlorobenzene  
Concen: 0.393 ug/l  
RT: 13.986 min Scan# 2040  
Delta R.T. 0.006 min  
Lab File: VN072065.D  
Acq: 19 Apr 2022 21:27

Tgt Ion:146 Resp: 4273  
Ion Ratio Lower Upper  
146 100  
111 356.5 20.9 62.8#  
148 68.7 32.1 96.3





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.218 ug/l

RT: 14.610 min Scan# 2144

Delta R.T. 0.012 min

Lab File: VN072065.D

Acq: 19 Apr 2022 21:27

Instrument :

MSVOA\_N

ClientSampleId :

WC-15-1-5-GR

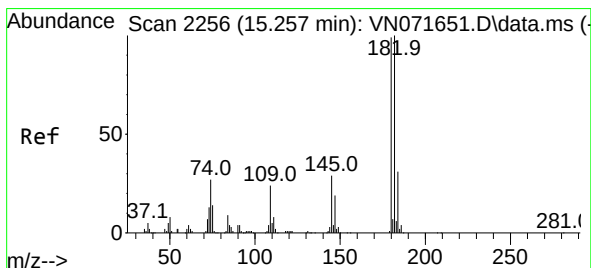
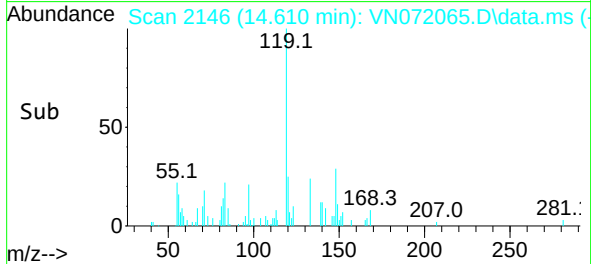
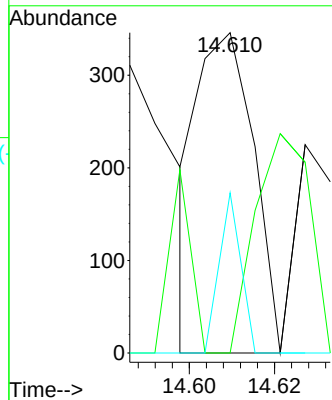
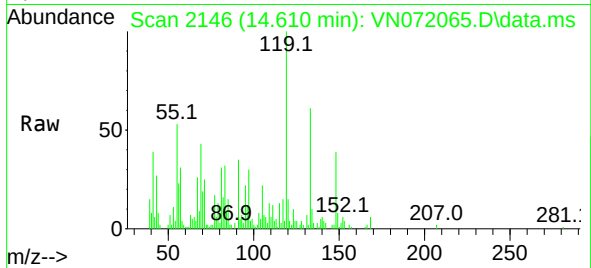
Tgt Ion: 75 Resp: 313

Ion Ratio Lower Upper

75 100

155 67.4 44.9 134.5

157 19.5 59.0 176.8#



#93

1,2,4-Trichlorobenzene

Concen: 2.155 ug/l

RT: 15.245 min Scan# 2254

Delta R.T. -0.012 min

Lab File: VN072065.D

Acq: 19 Apr 2022 21:27

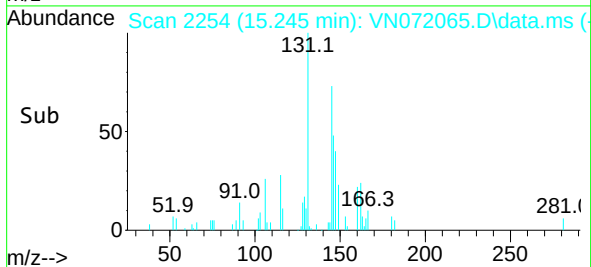
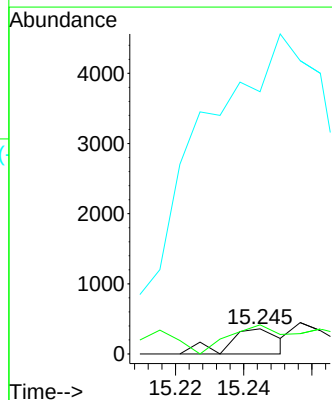
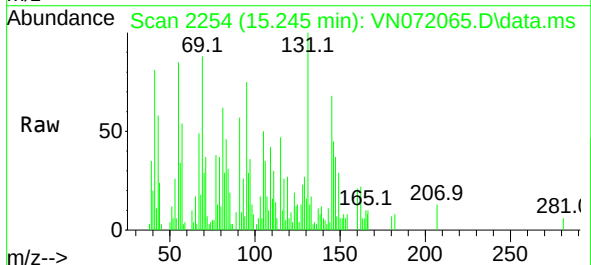
Tgt Ion: 180 Resp: 377

Ion Ratio Lower Upper

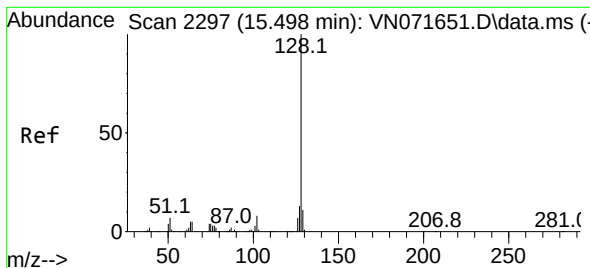
180 100

182 141.6 47.5 142.5

145 3339.8 14.5 43.5#







#95

Naphthalene

Concen: 5.543 ug/l

RT: 15.498 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN072065.D

Acq: 19 Apr 2022 21:27

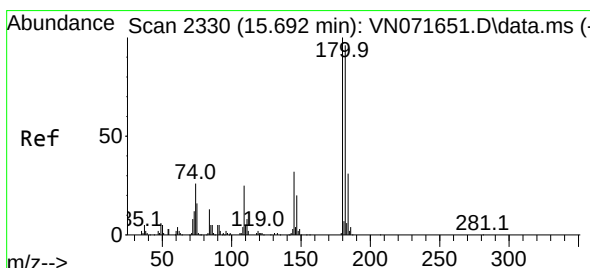
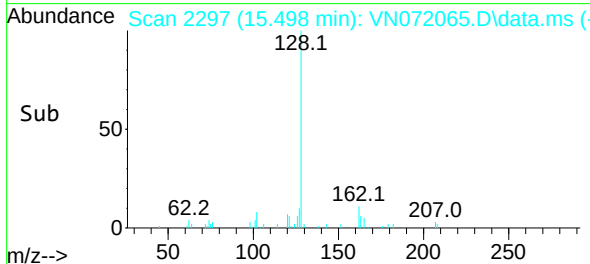
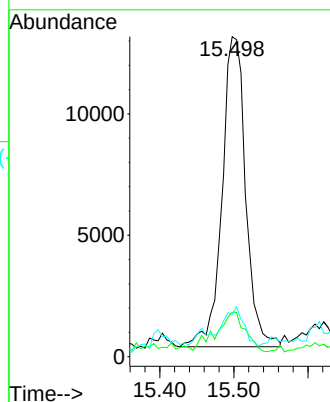
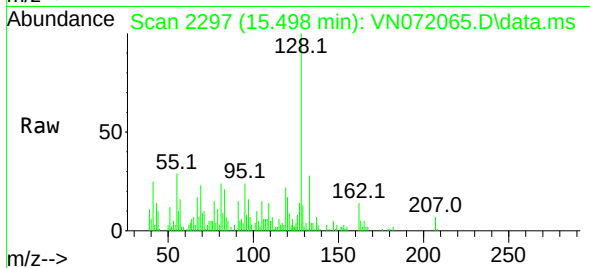
Instrument :

MSVOA\_N

ClientSampleId :

WC-15-1-5-GR

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 28262 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 15.7  | 10.3  | 15.5# |
| 129      | 10.2  | 8.6   | 13.0  |



#96

1,2,3-Trichlorobenzene

Concen: 2.583 ug/l

RT: 15.651 min Scan# 2323

Delta R.T. -0.041 min

Lab File: VN072065.D

Acq: 19 Apr 2022 21:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 180   | Resp: | 901    |
| Ion      | Ratio | Lower | Upper  |
| 180      | 100   |       |        |
| 182      | 0.0   | 47.8  | 143.3# |
| 145      | 0.0   | 15.5  | 46.5#  |

