

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW041221\  
 Data File : VW018622.D  
 Acq On : 12 Apr 2021 14:58  
 Operator : SY/VA  
 Sample : M2011-07  
 Misc : 5.46G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BG787

Quant Time: Apr 17 04:27:31 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM033121SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Apr 17 04:26:19 2021  
 Response via : Initial Calibration

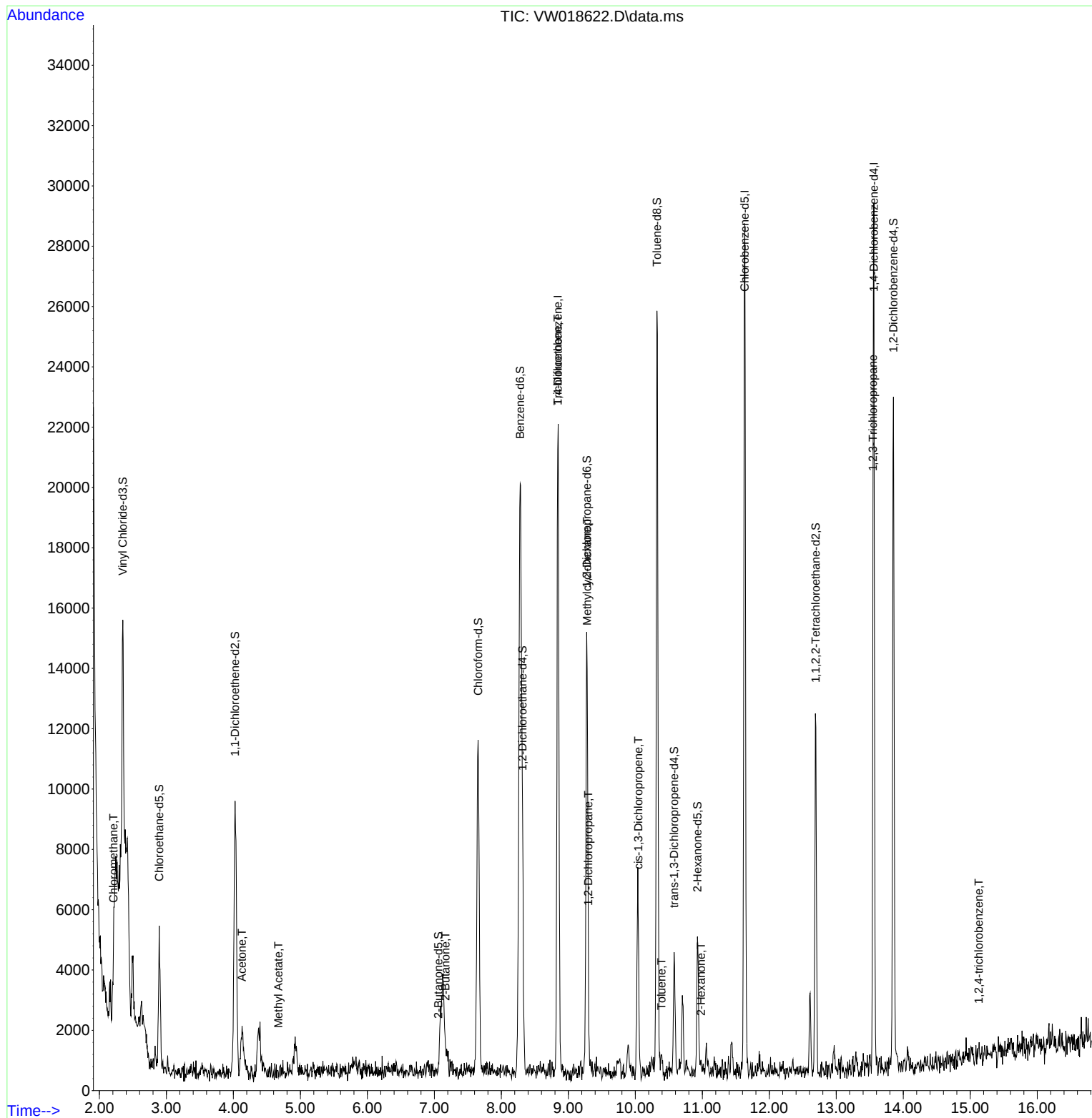
| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 8.842          | 114  | 17842      | 25.00   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634         | 117  | 16057      | 25.00   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560         | 152  | 6373       | 25.00   | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 2.349          | 65   | 7418       | 25.86   | ug/L   | -0.01    |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 103.44% |        |          |
| 7) Chloroethane-d5            | 2.892          | 69   | 4483       | 19.55   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 78.20%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.026          | 63   | 8054       | 18.06   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 72.24%  |        |          |
| 21) 2-Butanone-d5             | 7.062          | 46   | 212        | 3.55    | ug/L   | -0.01    |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 7.10%#  |        |          |
| 24) Chloroform-d              | 7.653          | 84   | 11091      | 23.66   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 94.64%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.317          | 65   | 6832       | 24.25   | ug/L   | 0.01     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 97.00%  |        |          |
| 32) Benzene-d6                | 8.281          | 84   | 19222      | 22.83   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 91.32%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.275          | 67   | 6154       | 25.08   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 100.32% |        |          |
| 41) Toluene-d8                | 10.323         | 98   | 17027      | 20.60   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 82.40%  |        |          |
| 43) trans-1,3-Dichloroprop... | 10.579         | 79   | 2244       | 18.37   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 73.48%  |        |          |
| 47) 2-Hexanone-d5             | 10.927         | 63   | 1625       | 33.83   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 67.66%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695         | 84   | 5216       | 22.24   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 88.96%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 5067       | 23.50   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 94.00%  |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         |        | Qvalue   |
| 3) Chloromethane              | 2.209          | 50   | 131        | 0.53    | ug/L # | 42       |
| 13) Acetone                   | 4.129          | 43   | 3011       | 71.41   | ug/L   | 99       |
| 15) Methyl Acetate            | 4.672          | 43   | 96         | 0.90    | ug/L # | 50       |
| 22) 2-Butanone                | 7.165          | 43   | 286        | 4.22    | ug/L # | 45       |
| 34) Trichloroethene           | 8.842          | 95   | 587        | 2.22    | ug/L # | 5        |
| 35) Methylcyclohexane         | 9.281          | 83   | 1743       | 3.89    | ug/L # | 19       |
| 37) 1,2-Dichloropropane       | 9.299          | 63   | 153        | 0.67    | ug/L # | 85       |
| 39) cis-1,3-Dichloropropene   | 10.043         | 75   | 153        | 0.41    | ug/L # | 42       |
| 42) Toluene                   | 10.390         | 91   | 385        | 0.35    | ug/L # | 68       |
| 48) 2-Hexanone                | 10.982         | 43   | 149        | 1.40    | ug/L # | 39       |
| 61) 1,2,3-Trichloropropane    | 13.548         | 75   | 984        | 7.18    | ug/L # | 61       |
| 70) 1,2,4-trichlorobenzene    | 15.127         | 180  | 94         | 0.38    | ug/L # | 13       |
| -----                         |                |      |            |         |        |          |

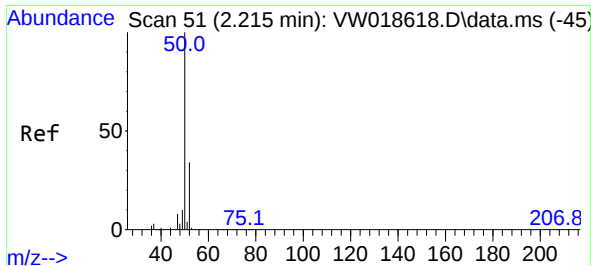
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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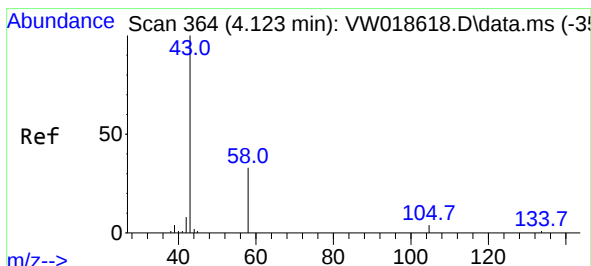
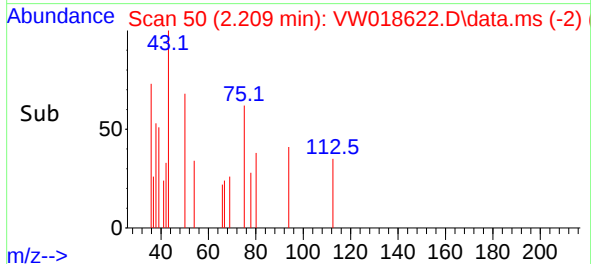
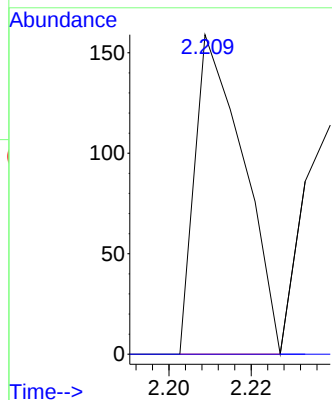
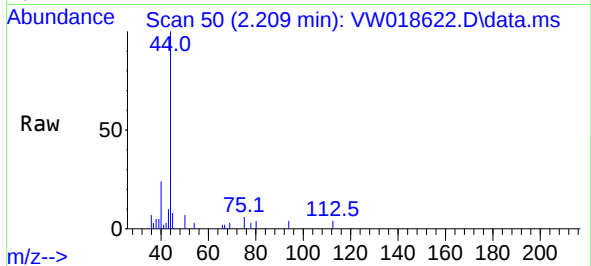




#3  
Chloromethane  
Concen: 0.53 ug/L  
RT: 2.209 min Scan# 50  
Delta R.T. -0.006 min  
Lab File: VW018622.D  
Acq: 12 Apr 2021 14:58

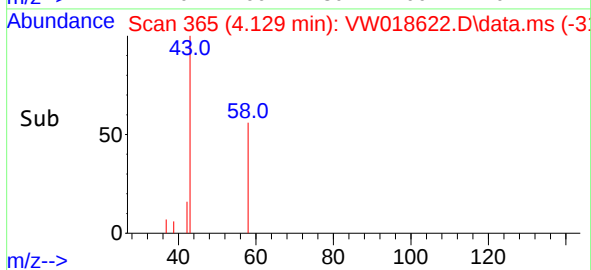
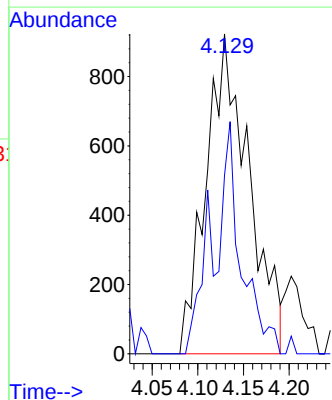
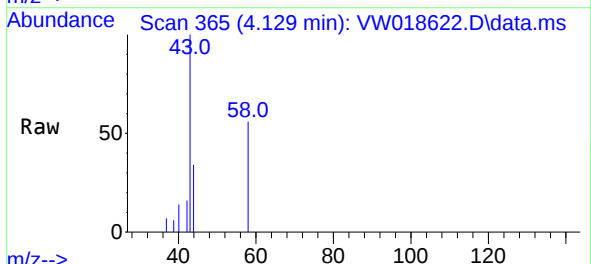
Instrument :  
MSVOA\_W  
ClientSampled :  
BG787

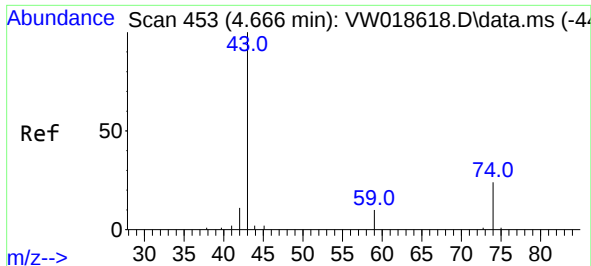
Tgt Ion: 50 Resp: 131  
Ion Ratio Lower Upper  
50 100  
52 0.0 22.5 41.9#



#13  
Acetone  
Concen: 71.41 ug/L  
RT: 4.129 min Scan# 365  
Delta R.T. 0.006 min  
Lab File: VW018622.D  
Acq: 12 Apr 2021 14:58

Tgt Ion: 43 Resp: 3011  
Ion Ratio Lower Upper  
43 100  
58 26.2 0.0 53.8

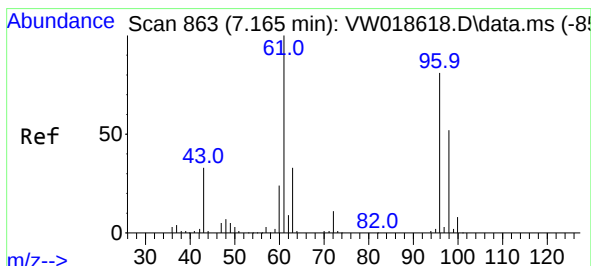
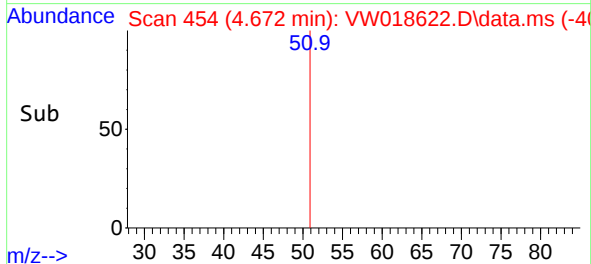
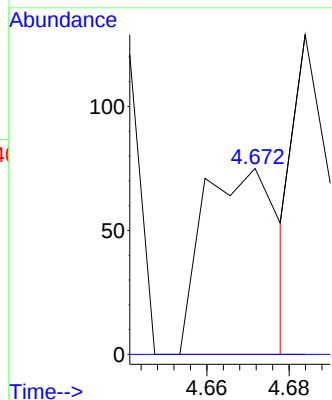
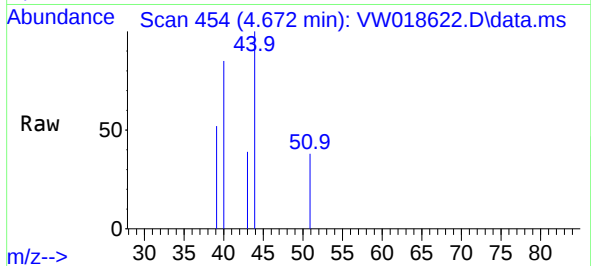




#15  
Methyl Acetate  
Concen: 0.90 ug/L  
RT: 4.672 min Scan# 454  
Delta R.T. 0.006 min  
Lab File: VW018622.D  
Acq: 12 Apr 2021 14:58

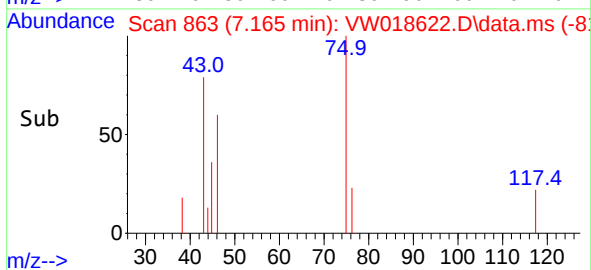
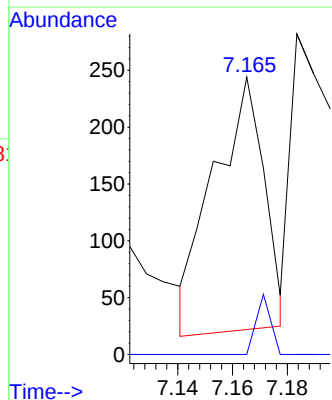
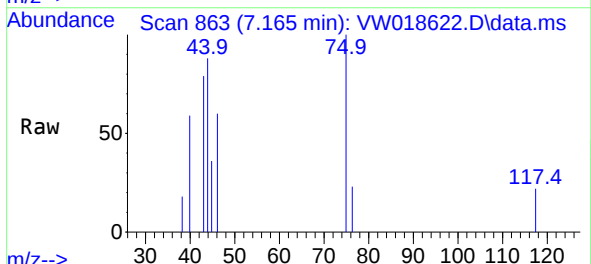
Instrument :  
MSVOA\_W  
ClientSampled :  
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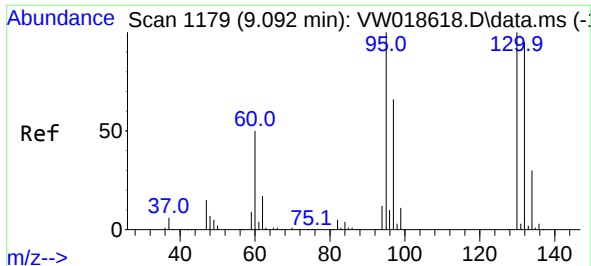
Tgt Ion: 43 Resp: 96  
Ion Ratio Lower Upper  
43 100  
74 0.0 20.0 30.0#



#22  
2-Butanone  
Concen: 4.22 ug/L  
RT: 7.165 min Scan# 863  
Delta R.T. 0.000 min  
Lab File: VW018622.D  
Acq: 12 Apr 2021 14:58

Tgt Ion: 43 Resp: 286  
Ion Ratio Lower Upper  
43 100  
72 0.0 14.9 44.7#



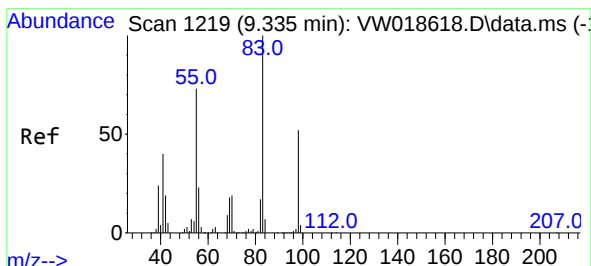
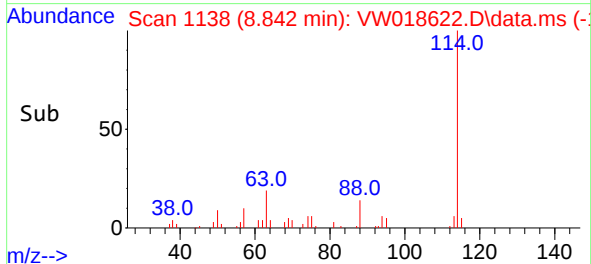
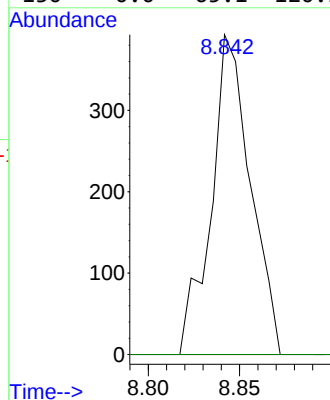
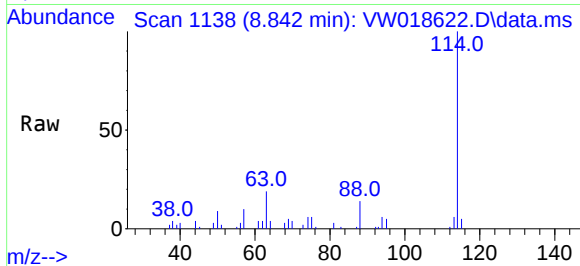


#34  
Trichloroethene  
Concen: 2.22 ug/L  
RT: 8.842 min Scan# 1138  
Delta R.T. -0.250 min  
Lab File: VW018622.D  
Acq: 12 Apr 2021 14:58

Instrument :  
MSVOA\_W  
ClientSampled :  
BG787

Tgt Ion: 95 Resp: 587

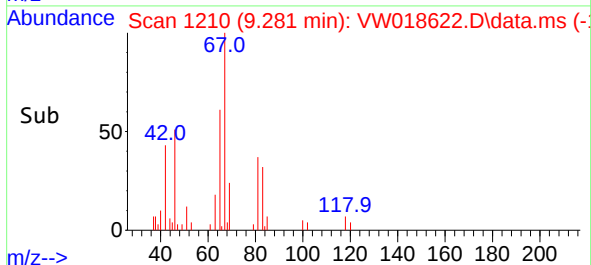
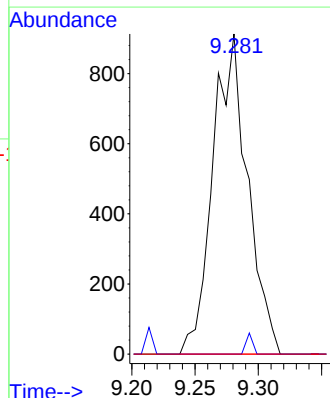
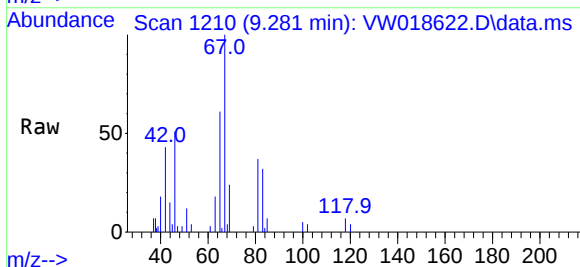
| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 95  | 100   |       |        |
| 97  | 0.0   | 47.3  | 87.8#  |
| 132 | 0.0   | 71.0  | 131.8# |
| 130 | 0.0   | 65.1  | 120.9# |

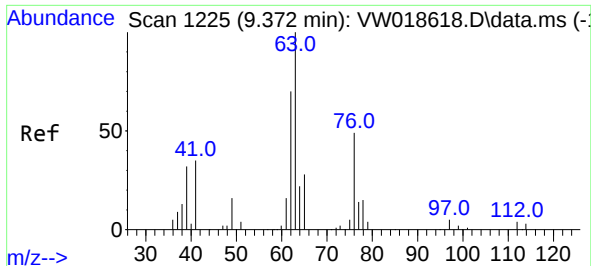


#35  
Methylcyclohexane  
Concen: 3.89 ug/L  
RT: 9.281 min Scan# 1210  
Delta R.T. -0.055 min  
Lab File: VW018622.D  
Acq: 12 Apr 2021 14:58

Tgt Ion: 83 Resp: 1743

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 0.0   | 58.9  | 88.3# |
| 98  | 0.0   | 40.1  | 60.1# |

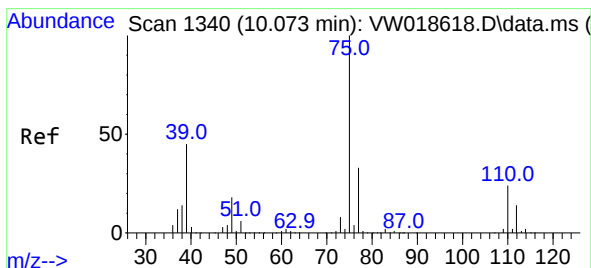
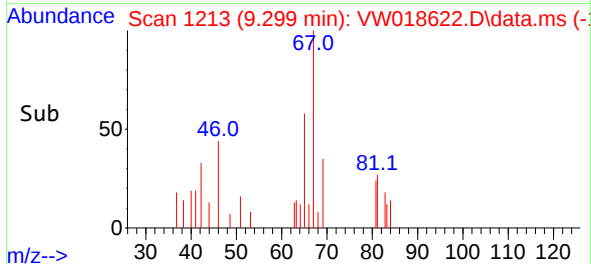
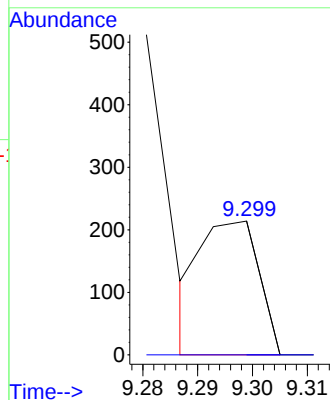
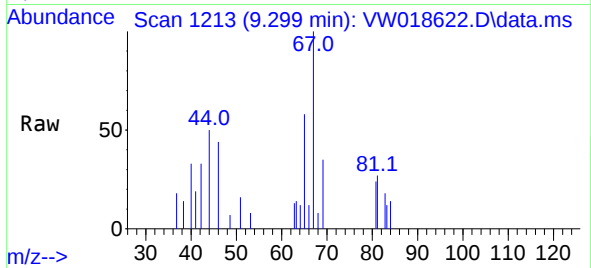




#37  
1,2-Dichloropropane  
Concen: 0.67 ug/L  
RT: 9.299 min Scan# 1213  
Delta R.T. -0.073 min  
Lab File: VW018622.D  
Acq: 12 Apr 2021 14:58

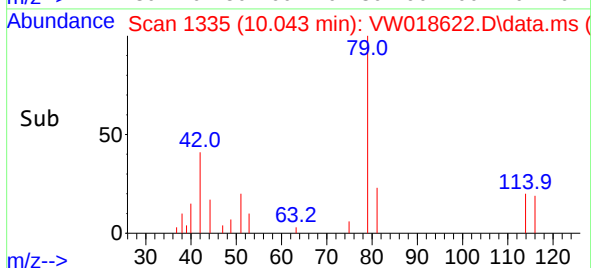
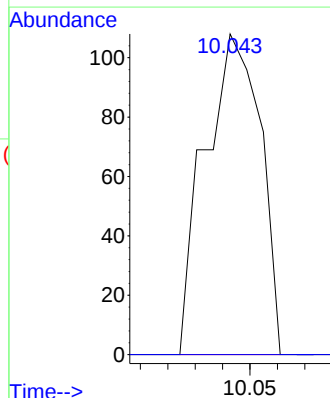
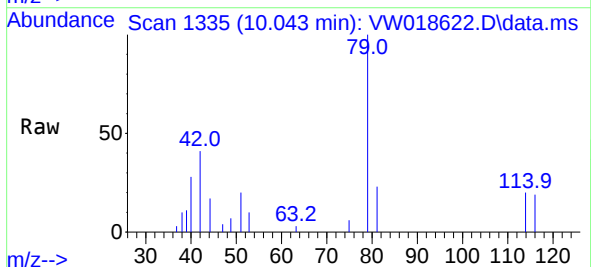
Instrument :  
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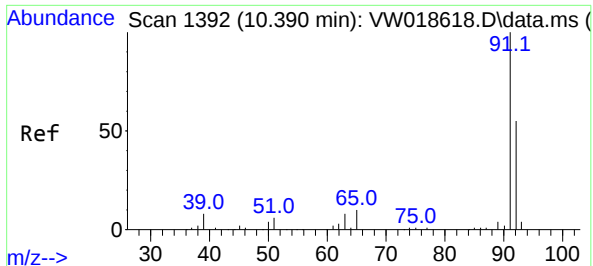
Tgt Ion: 63 Resp: 153  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.9 5.9#



#39  
cis-1,3-Dichloropropene  
Concen: 0.41 ug/L  
RT: 10.043 min Scan# 1335  
Delta R.T. -0.030 min  
Lab File: VW018622.D  
Acq: 12 Apr 2021 14:58

Tgt Ion: 75 Resp: 153  
Ion Ratio Lower Upper  
75 100  
77 0.0 22.6 42.0#

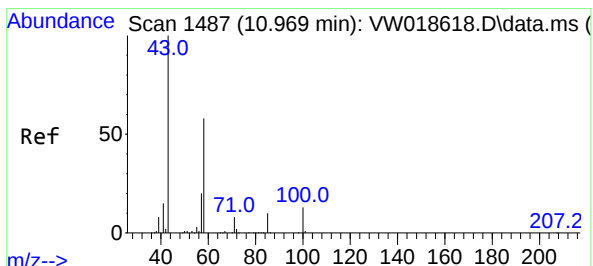
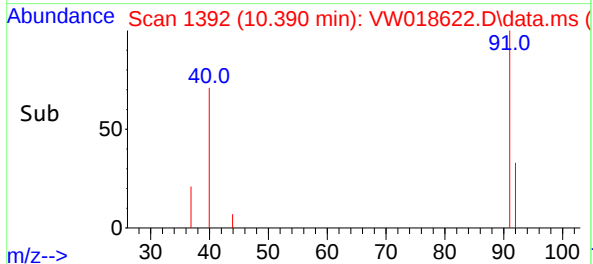
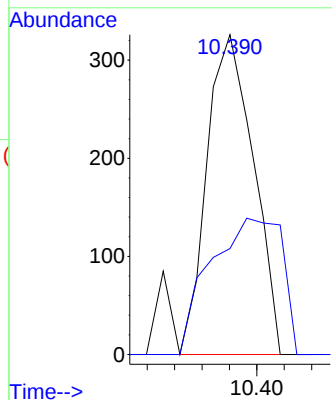
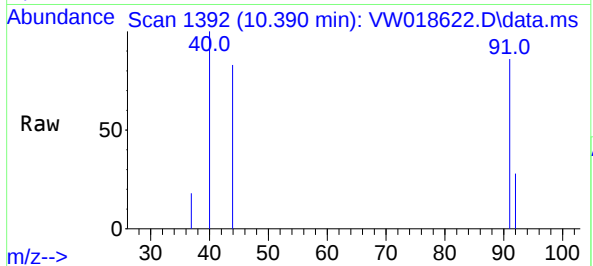




#42  
Toluene  
Concen: 0.35 ug/L  
RT: 10.390 min Scan# 1392  
Delta R.T. 0.000 min  
Lab File: VW018622.D  
Acq: 12 Apr 2021 14:58

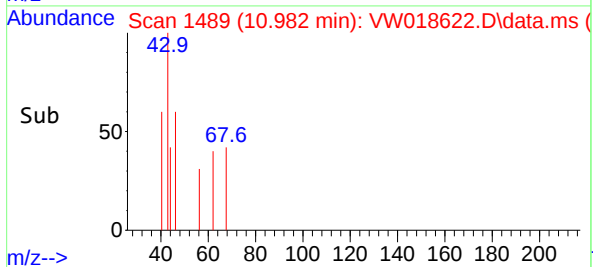
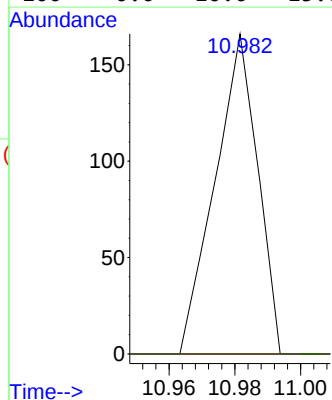
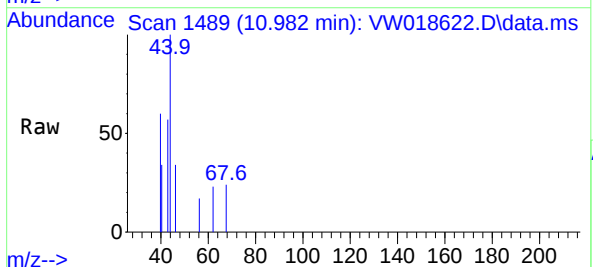
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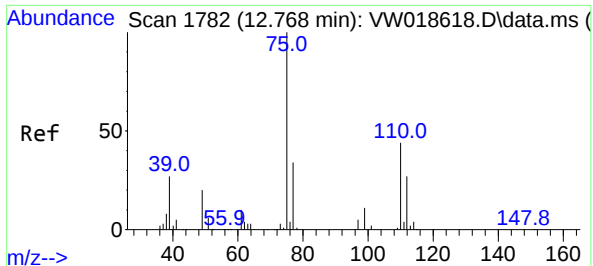
Tgt Ion: 91 Resp: 385  
Ion Ratio Lower Upper  
91 100  
92 33.1 39.5 73.3#



#48  
2-Hexanone  
Concen: 1.40 ug/L  
RT: 10.982 min Scan# 1489  
Delta R.T. 0.012 min  
Lab File: VW018622.D  
Acq: 12 Apr 2021 14:58

Tgt Ion: 43 Resp: 149  
Ion Ratio Lower Upper  
43 100  
58 0.0 42.7 64.1#  
57 0.0 15.8 23.8#  
100 0.0 10.0 15.0#

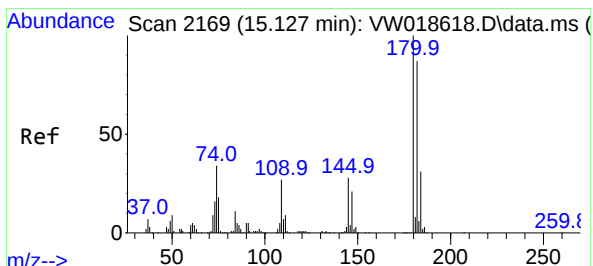
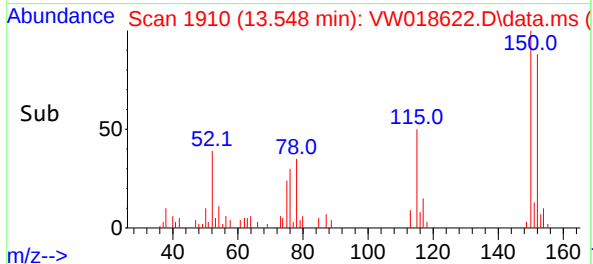
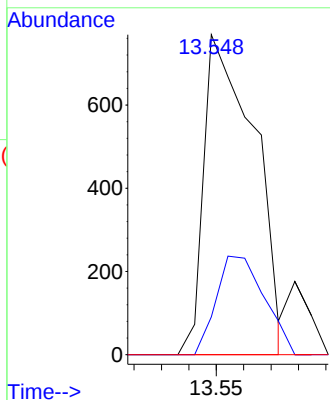
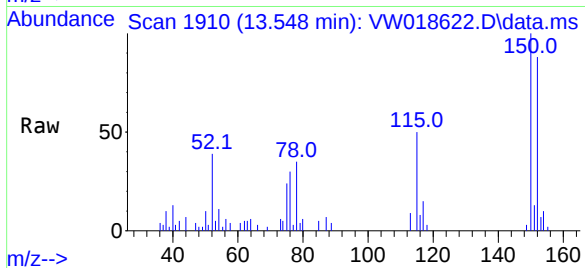




#61  
1,2,3-Trichloropropane  
Concen: 7.18 ug/L  
RT: 13.548 min Scan# 1910  
Delta R.T. 0.780 min  
Lab File: VW018622.D  
Acq: 12 Apr 2021 14:58

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ClientSampled :  
BG787

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 984   |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 29.4  | 25.3  | 37.9  |
| 110      | 0.0   | 32.6  | 48.8# |



#70  
1,2,4-trichlorobenzene  
Concen: 0.38 ug/L  
RT: 15.127 min Scan# 2169  
Delta R.T. 0.000 min  
Lab File: VW018622.D  
Acq: 12 Apr 2021 14:58

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 180   | Resp: | 94     |
| Ion      | Ratio | Lower | Upper  |
| 180      | 100   |       |        |
| 182      | 0.0   | 74.7  | 112.1# |
| 145      | 0.0   | 25.0  | 37.4#  |

