

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX041823\  
 Data File : VX035134.D  
 Acq On : 18 Apr 2023 19:33  
 Operator : JC/MD  
 Sample : 02333-10  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 COMG5

Quant Time: Apr 19 00:57:09 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML041823WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Apr 19 00:53:18 2023  
 Response via : Initial Calibration

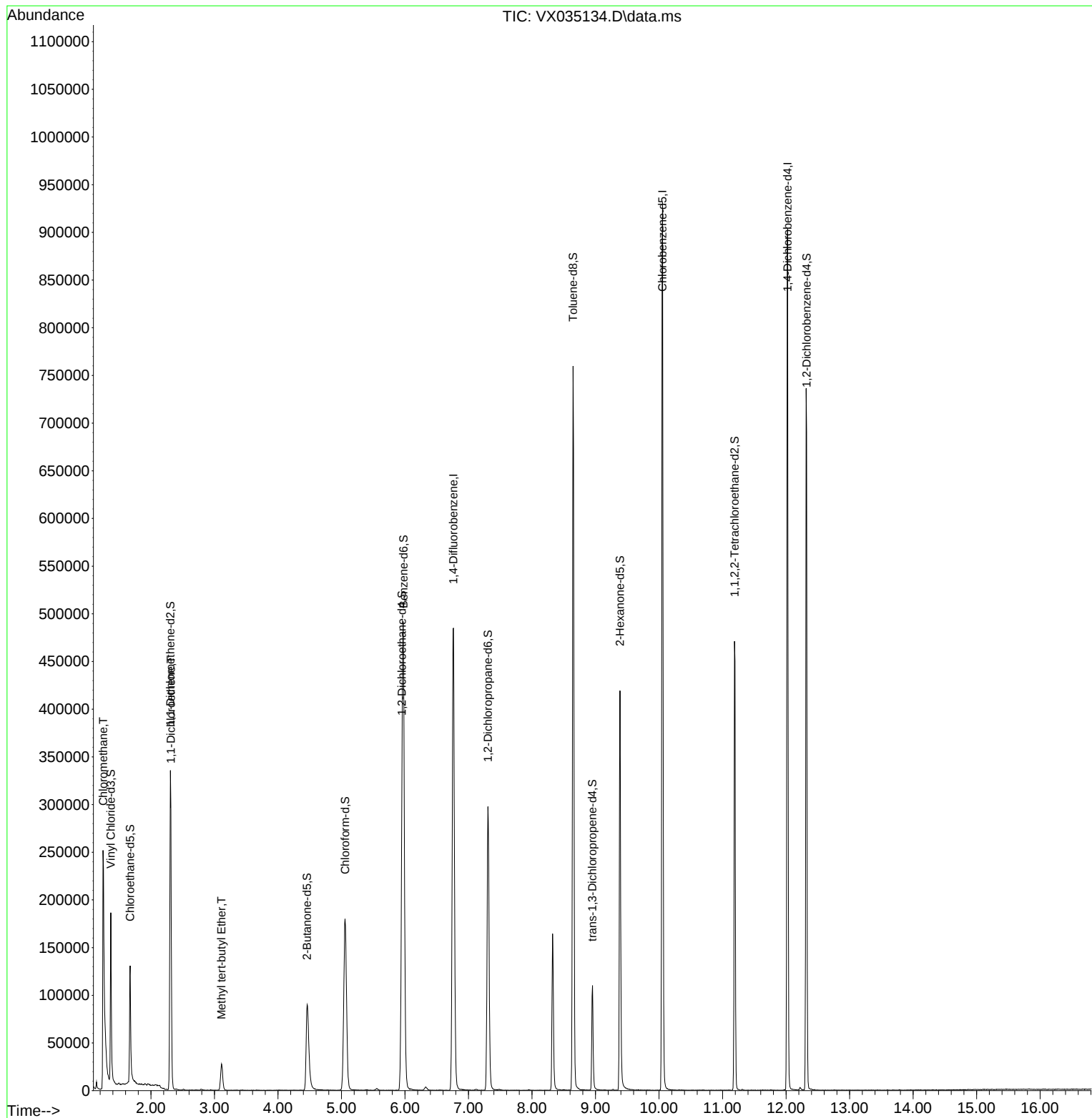
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.763   | 114   | 506202   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055  | 117   | 437895   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024  | 152   | 195376   | 50.000   | ug/L   | 0.00     |
|                               |         |       |          |          |        |          |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.368   | 65    | 119761   | 36.692   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 73.380%  |
| 7) Chloroethane-d5            | 1.672   | 69    | 87787    | 37.221   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 74.440%  |
| 11) 1,1-Dichloroethene-d2     | 2.306   | 65    | 59709    | 38.232   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 76.460%  |
| 21) 2-Butanone-d5             | 4.458   | 46    | 171397   | 78.799   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 78.800%  |
| 24) Chloroform-d              | 5.056   | 84    | 232051   | 37.752   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 75.500%  |
| 26) 1,2-Dichloroethane-d4     | 5.952   | 65    | 153283   | 38.833   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 77.660%  |
| 32) Benzene-d6                | 5.976   | 84    | 502989   | 39.986   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 79.980%  |
| 36) 1,2-Dichloropropane-d6    | 7.306   | 67    | 152456   | 39.677   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 79.360%  |
| 41) Toluene-d8                | 8.647   | 98    | 452093   | 39.325   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 78.640%# |
| 43) trans-1,3-Dichloroprop... | 8.952   | 79    | 52068    | 31.007   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 62.020%  |
| 47) 2-Hexanone-d5             | 9.384   | 63    | 119590   | 77.504   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 77.500%  |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189  | 84    | 183316   | 38.956   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 77.920%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.323  | 152   | 151177   | 39.929   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 79.860%# |
|                               |         |       |          |          |        |          |
| Target Compounds              |         |       |          |          |        | Qvalue   |
| 3) Chloromethane              | 1.246   | 50    | 7256     | 2.102    | ug/L # | 42       |
| 12) 1,1-Dichloroethene        | 2.313   | 96    | 1580     | 0.522    | ug/L # | 1        |
| 18) Methyl tert-butyl Ether   | 3.111   | 73    | 30357    | 2.819    | ug/L   | 99       |
| -----                         |         |       |          |          |        |          |

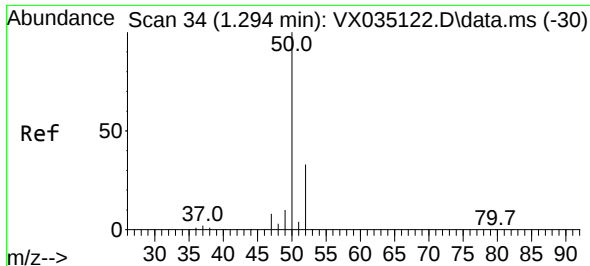
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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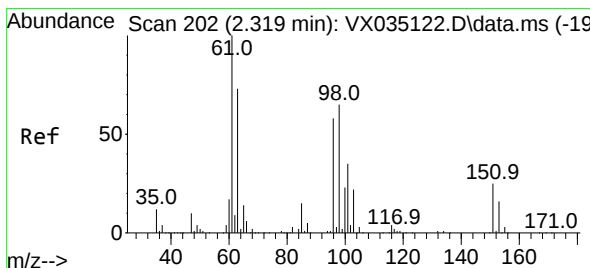
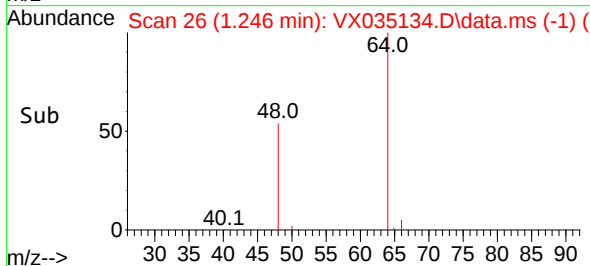
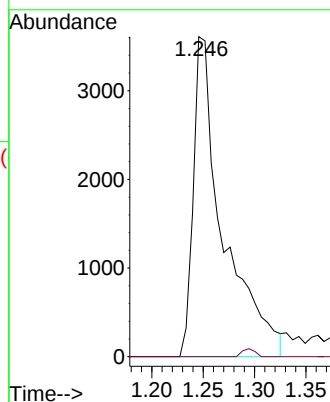
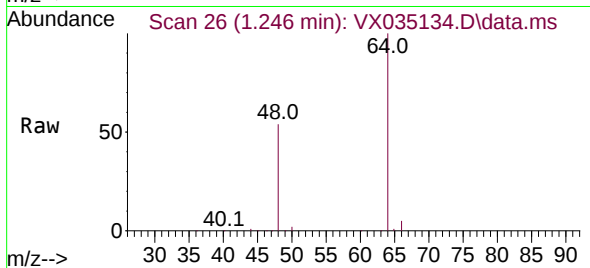




#3  
Chloromethane  
Concen: 2.102 ug/L  
RT: 1.246 min Scan# 20  
Delta R.T. -0.049 min  
Lab File: VX035134.D  
Acq: 18 Apr 2023 19:33

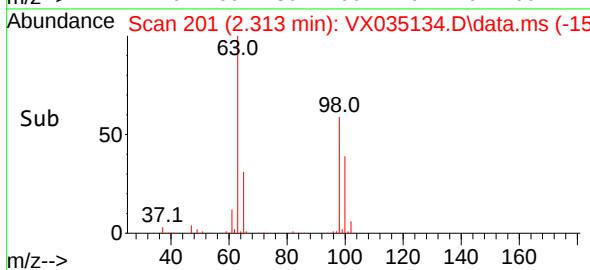
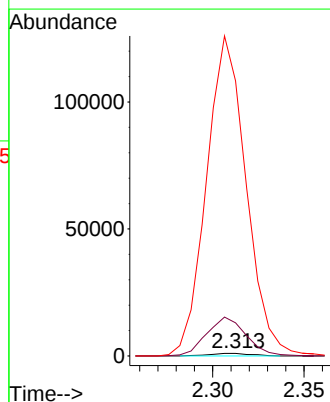
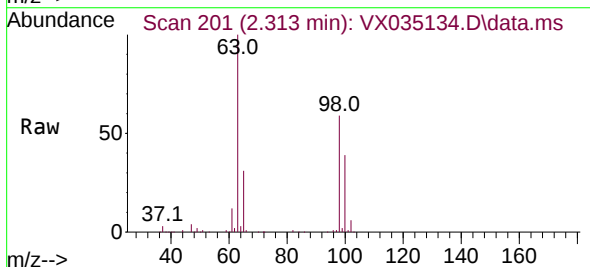
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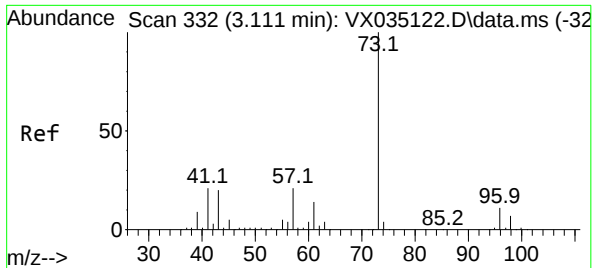
Tgt Ion: 50 Resp: 7256  
Ion Ratio Lower Upper  
50 100  
52 0.0 23.0 42.6#



#12  
1,1-Dichloroethene  
Concen: 0.522 ug/L  
RT: 2.313 min Scan# 201  
Delta R.T. -0.006 min  
Lab File: VX035134.D  
Acq: 18 Apr 2023 19:33

Tgt Ion: 96 Resp: 1580  
Ion Ratio Lower Upper  
96 100  
61 1287.5 119.0 221.0#  
63 10702.0 91.0 169.0#





#18  
Methyl tert-butyl Ether  
Concen: 2.819 ug/L  
RT: 3.111 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX035134.D  
Acq: 18 Apr 2023 19:33

Instrument :  
MSVOA\_X  
ClientSampleId :  
COMG5

Tgt Ion: 73 Resp: 30357  
Ion Ratio Lower Upper  
73 100  
43 21.5 16.6 25.0  
57 22.4 17.5 26.3

