

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW041723\  
 Data File : VW030594.D  
 Acq On : 17 Apr 2023 17:22  
 Operator : SY/MD  
 Sample : 02360-02  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AN4

Quant Time: Apr 18 02:51:06 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM041723WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Apr 18 02:45:56 2023  
 Response via : Initial Calibration

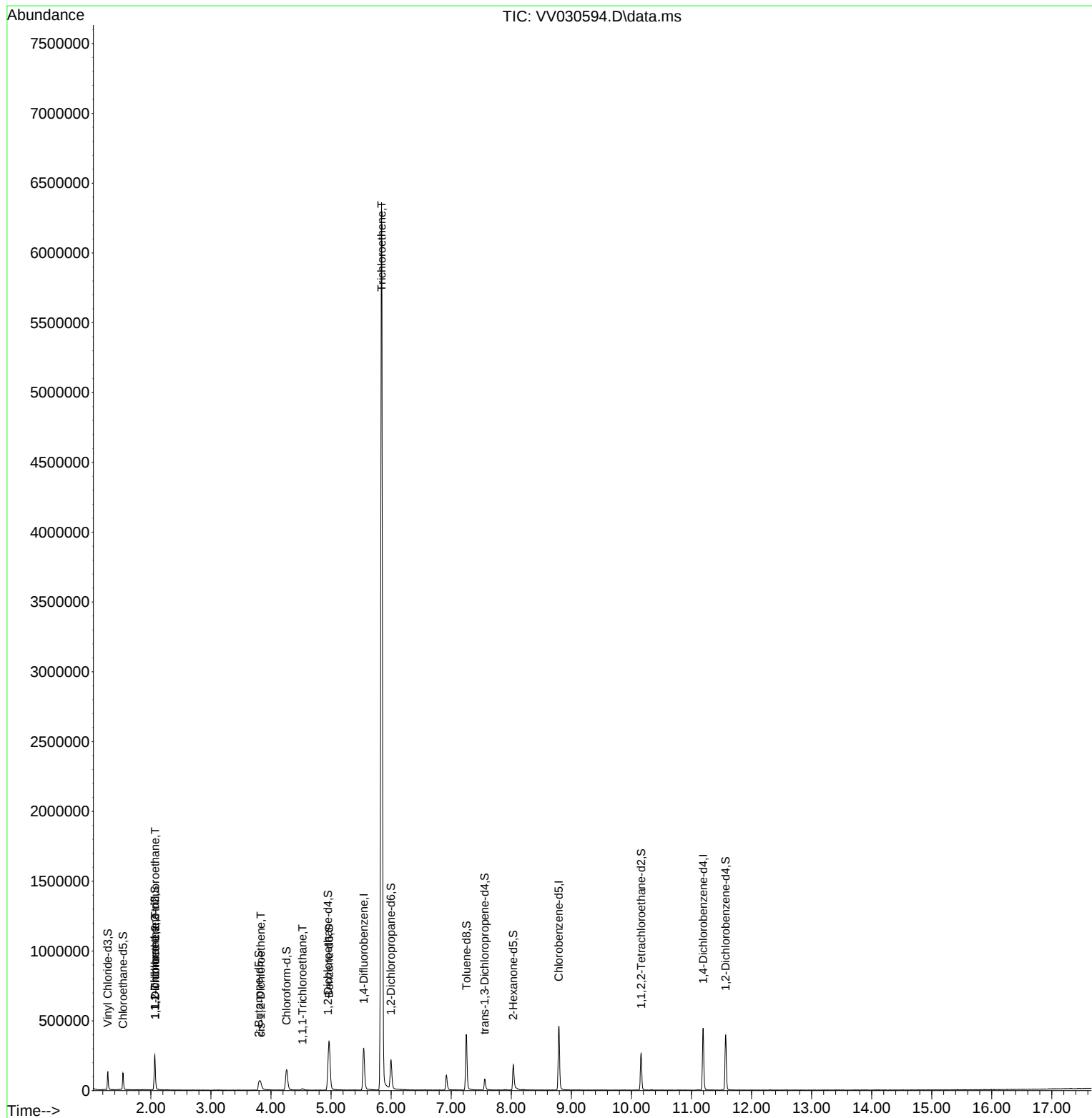
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.542   | 114   | 250283   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.793   | 117   | 242158   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.194  | 152   | 115602   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.282   | 65    | 87153    | 47.501   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 95.000%  |
| 7) Chloroethane-d5            | 1.536   | 69    | 71000    | 46.178   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 92.360%  |
| 11) 1,1-Dichloroethene-d2     | 2.066   | 65    | 40667    | 46.738   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 93.480%  |
| 21) 2-Butanone-d5             | 3.799   | 46    | 97561    | 96.809   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 96.810%  |
| 24) Chloroform-d              | 4.259   | 84    | 154649   | 46.510   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 93.020%  |
| 26) 1,2-Dichloroethane-d4     | 4.950   | 65    | 105655   | 49.424   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 98.840%  |
| 32) Benzene-d6                | 4.970   | 84    | 286736   | 50.082   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 100.160% |
| 36) 1,2-Dichloropropane-d6    | 5.998   | 67    | 92462    | 51.991   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 103.980% |
| 41) Toluene-d8                | 7.252   | 98    | 257068   | 47.822   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 95.640%  |
| 43) trans-1,3-Dichloroprop... | 7.558   | 79    | 43960    | 49.043   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 98.080%  |
| 47) 2-Hexanone-d5             | 8.034   | 63    | 61561    | 87.870   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 87.870%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.162  | 84    | 117661   | 45.595   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 91.180%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.571  | 152   | 98582    | 53.651   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 107.300% |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.073   | 101   | 3066     | 1.582    | ug/L # | 64       |
| 12) 1,1-Dichloroethene        | 2.073   | 96    | 2286     | 1.304    | ug/L # | 1        |
| 20) cis-1,2-Dichloroethene    | 3.828   | 96    | 20041    | 10.413   | ug/L   | 99       |
| 30) 1,1,1-Trichloroethane     | 4.523   | 97    | 8337     | 2.450    | ug/L # | 85       |
| 34) Trichloroethene           | 5.841   | 95    | 2087114  | 1091.165 | ug/L   | 97       |
| -----                         |         |       |          |          |        |          |

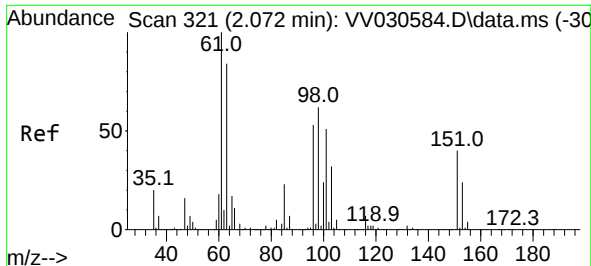
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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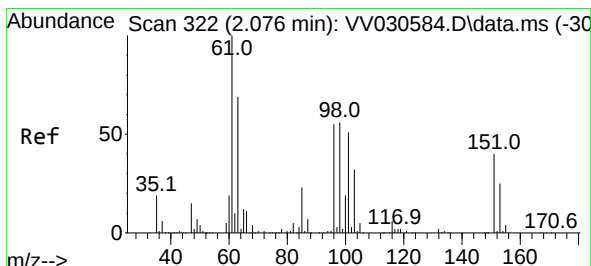
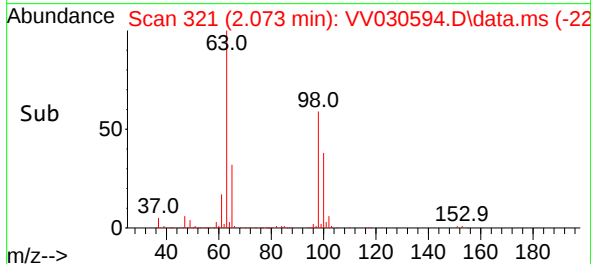
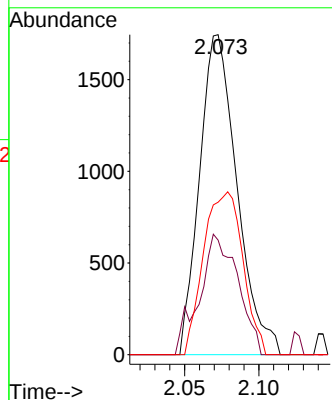
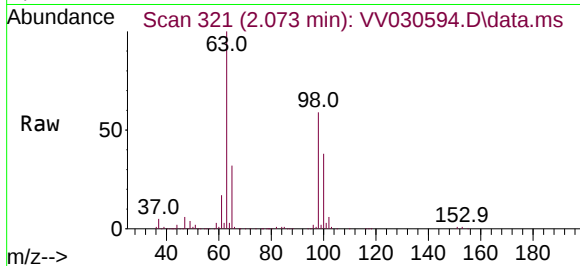




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 1.582 ug/L  
 RT: 2.073 min Scan# 321  
 Delta R.T. 0.000 min  
 Lab File: VV030594.D  
 Acq: 17 Apr 2023 17:22

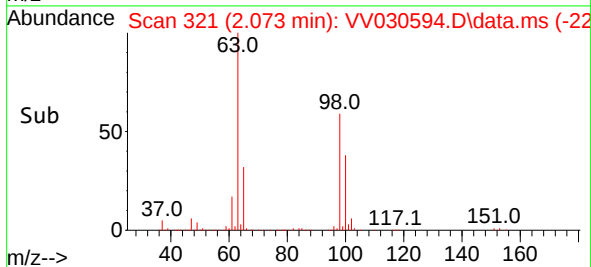
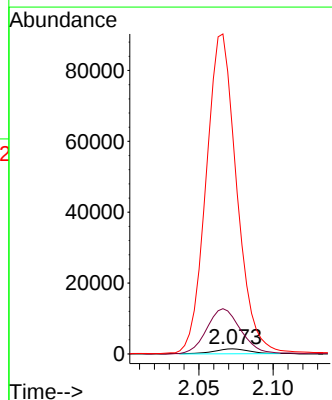
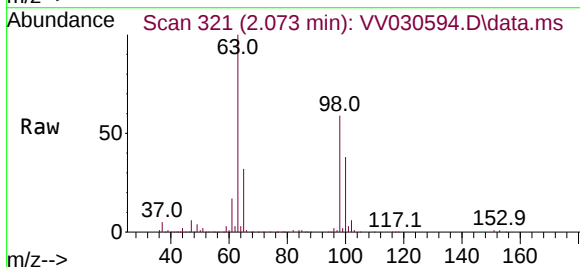
Instrument :  
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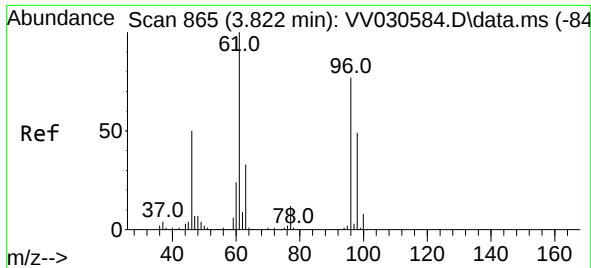
Tgt Ion:101 Resp: 3066  
 Ion Ratio Lower Upper  
 101 100  
 85 15.5 37.5 56.3#  
 151 53.4 63.5 95.3#



#12  
 1,1-Dichloroethene  
 Concen: 1.304 ug/L  
 RT: 2.073 min Scan# 321  
 Delta R.T. -0.003 min  
 Lab File: VV030594.D  
 Acq: 17 Apr 2023 17:22

Tgt Ion: 96 Resp: 2286  
 Ion Ratio Lower Upper  
 96 100  
 61 728.7 131.9 245.0#  
 63 4366.1 99.8 185.3#

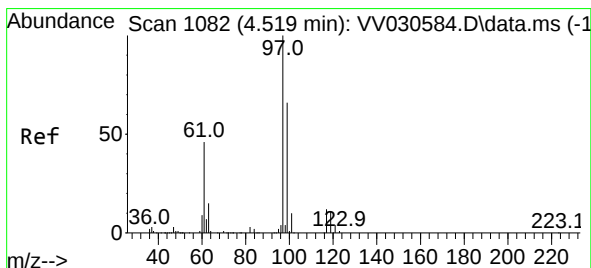
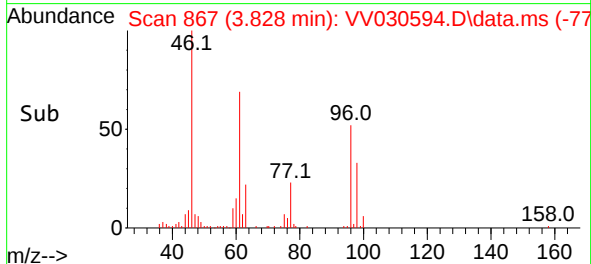
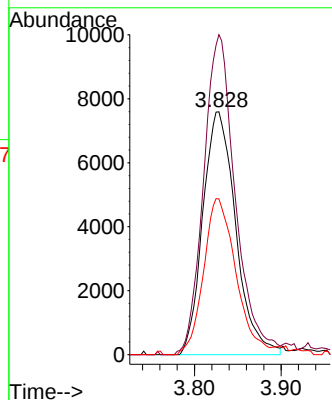
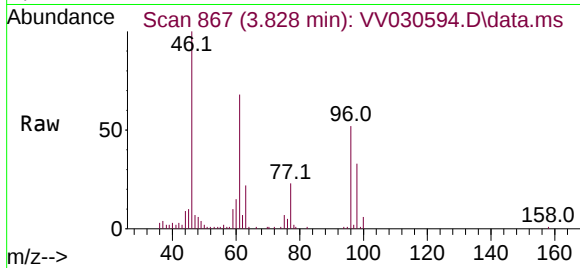




#20  
 cis-1,2-Dichloroethene  
 Concen: 10.413 ug/L  
 RT: 3.828 min Scan# 80  
 Delta R.T. 0.006 min  
 Lab File: VV030594.D  
 Acq: 17 Apr 2023 17:22

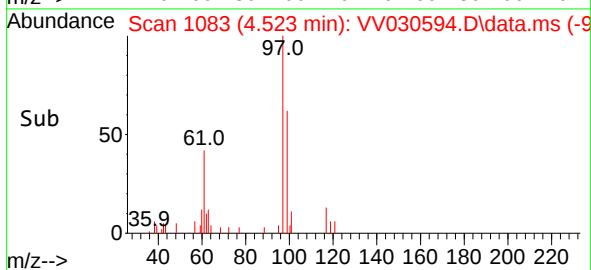
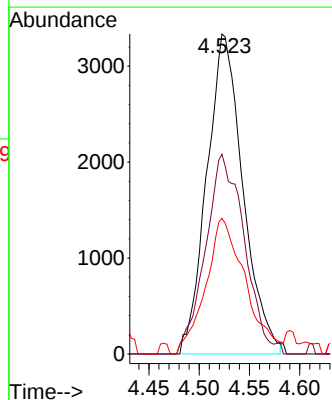
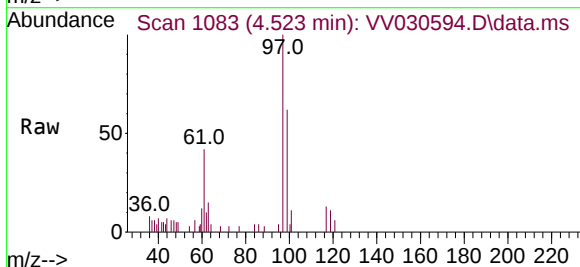
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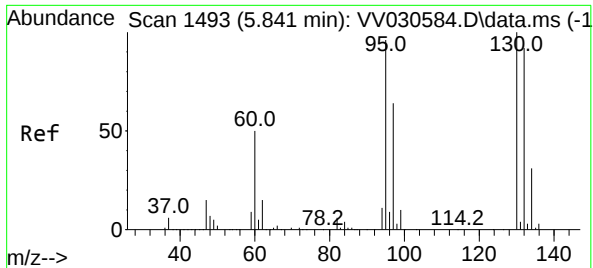
Tgt Ion: 96 Resp: 20041  
 Ion Ratio Lower Upper  
 96 100  
 61 131.8 92.3 171.3  
 98 64.2 45.9 85.3



#30  
 1,1,1-Trichloroethane  
 Concen: 2.450 ug/L  
 RT: 4.523 min Scan# 1083  
 Delta R.T. 0.003 min  
 Lab File: VV030594.D  
 Acq: 17 Apr 2023 17:22

Tgt Ion: 97 Resp: 8337  
 Ion Ratio Lower Upper  
 97 100  
 99 43.8 51.4 77.0#  
 61 46.5 37.0 55.6





#34  
 Trichloroethene  
 Concen: 1091.165 ug/L  
 RT: 5.841 min Scan# 1493  
 Delta R.T. 0.000 min  
 Lab File: VV030594.D  
 Acq: 17 Apr 2023 17:22

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 MSVOA\_V  
 ClientSampleId :  
 C0AN4

Tgt Ion: 95 Resp: 2087114

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 64.4  | 45.8  | 85.2  |
| 132 | 96.0  | 70.6  | 131.2 |
| 130 | 100.4 | 70.9  | 131.7 |

