

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV082522\  
 Data File : VV027521.D  
 Acq On : 26 Aug 2022 02:26  
 Operator : SY/MD  
 Sample : N4370-09  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F5E90

Quant Time: Aug 26 03:51:10 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR081922WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Aug 26 01:50:00 2022  
 Response via : Initial Calibration

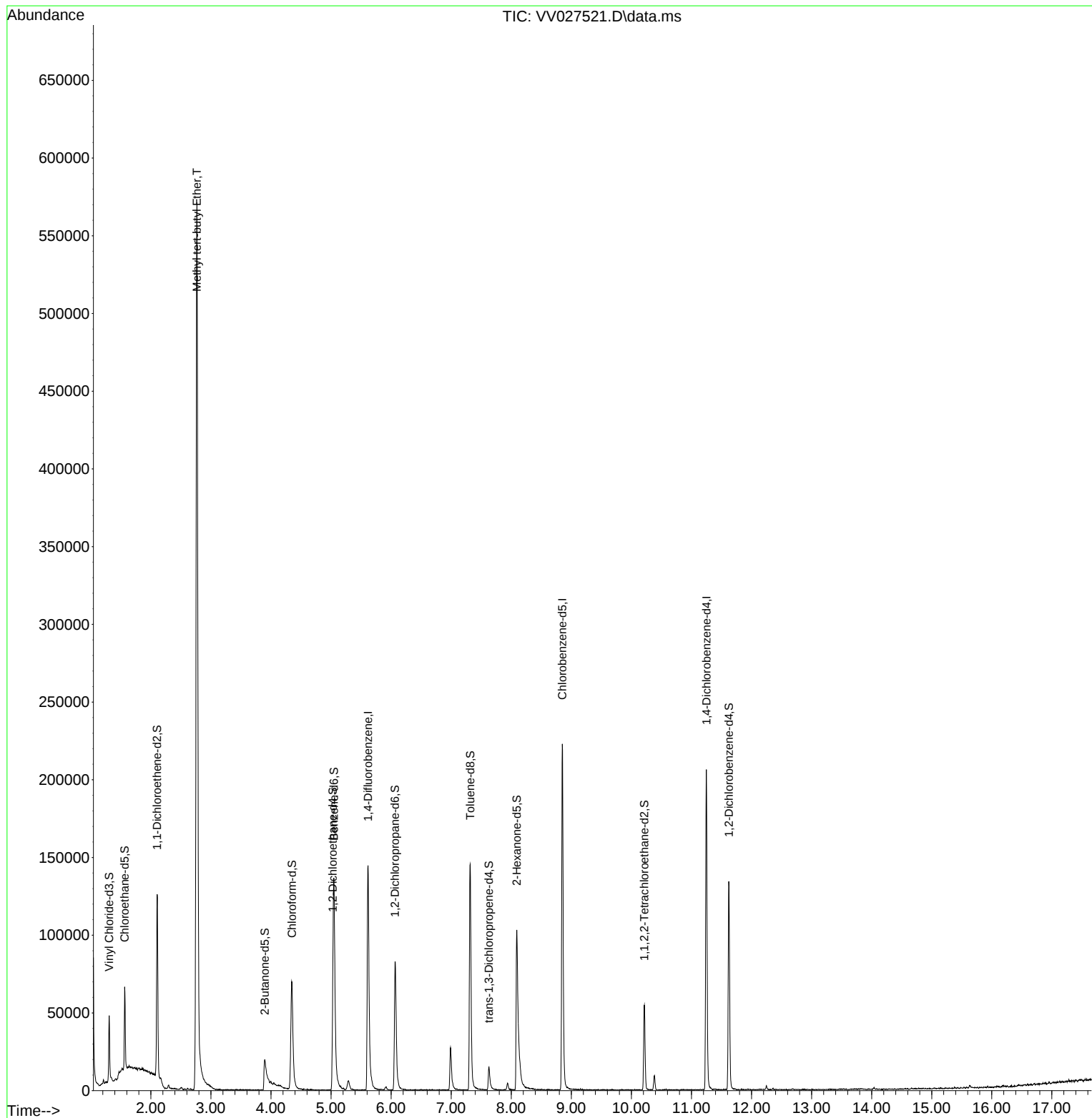
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.616  | 114   | 129111   | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117   | 126314   | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 55026    | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65    | 31749    | 3.455    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 69.200%  |
| 7) Chloroethane-d5            | 1.564  | 69    | 34061    | 5.065    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 101.200% |
| 11) 1,1-Dichloroethene-d2     | 2.105  | 63    | 62948    | 2.938    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 58.800%# |
| 20) 2-Butanone-d5             | 3.896  | 46    | 37750    | 33.011   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 66.020%  |
| 24) Chloroform-d              | 4.349  | 84    | 74688    | 4.065    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 81.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.031  | 65    | 33989    | 4.276    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 85.600%  |
| 32) Benzene-d6                | 5.050  | 84    | 129440   | 3.700    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 74.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.066  | 67    | 39866    | 3.919    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 78.400%  |
| 41) Toluene-d8                | 7.317  | 98    | 103842   | 3.287    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 65.800%# |
| 43) trans-1,3-Dichloroprop... | 7.629  | 79    | 10069    | 2.891    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 57.800%  |
| 46) 2-Hexanone-d5             | 8.092  | 63    | 42176    | 36.788   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 73.580%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84    | 25318    | 3.909    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 78.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152   | 35569    | 4.361    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 87.200%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 17) Methyl tert-butyl Ether   | 2.767  | 73    | 581047   | 28.748   | ug/L  | 99       |
| -----                         |        |       |          |          |       |          |

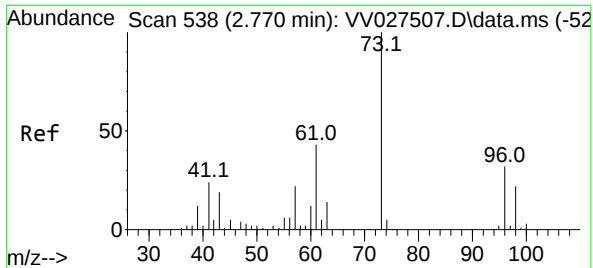
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17  
Methyl tert-butyl Ether  
Concen: 28.748 ug/L  
RT: 2.767 min Scan# 51  
Delta R.T. -0.003 min  
Lab File: VV027521.D  
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Tgt Ion: 73 Resp: 581047

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 73  | 100   |       |       |
| 43  | 20.5  | 15.6  | 23.4  |
| 57  | 21.4  | 17.0  | 25.6  |

