

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041322\  
 Data File : VU048022.D  
 Acq On : 13 Apr 2022 22:45  
 Operator : SY/MD  
 Sample : N2386-02  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0HX1

Quant Time: Apr 14 07:17:54 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM032422WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Apr 14 06:53:20 2022  
 Response via : Initial Calibration

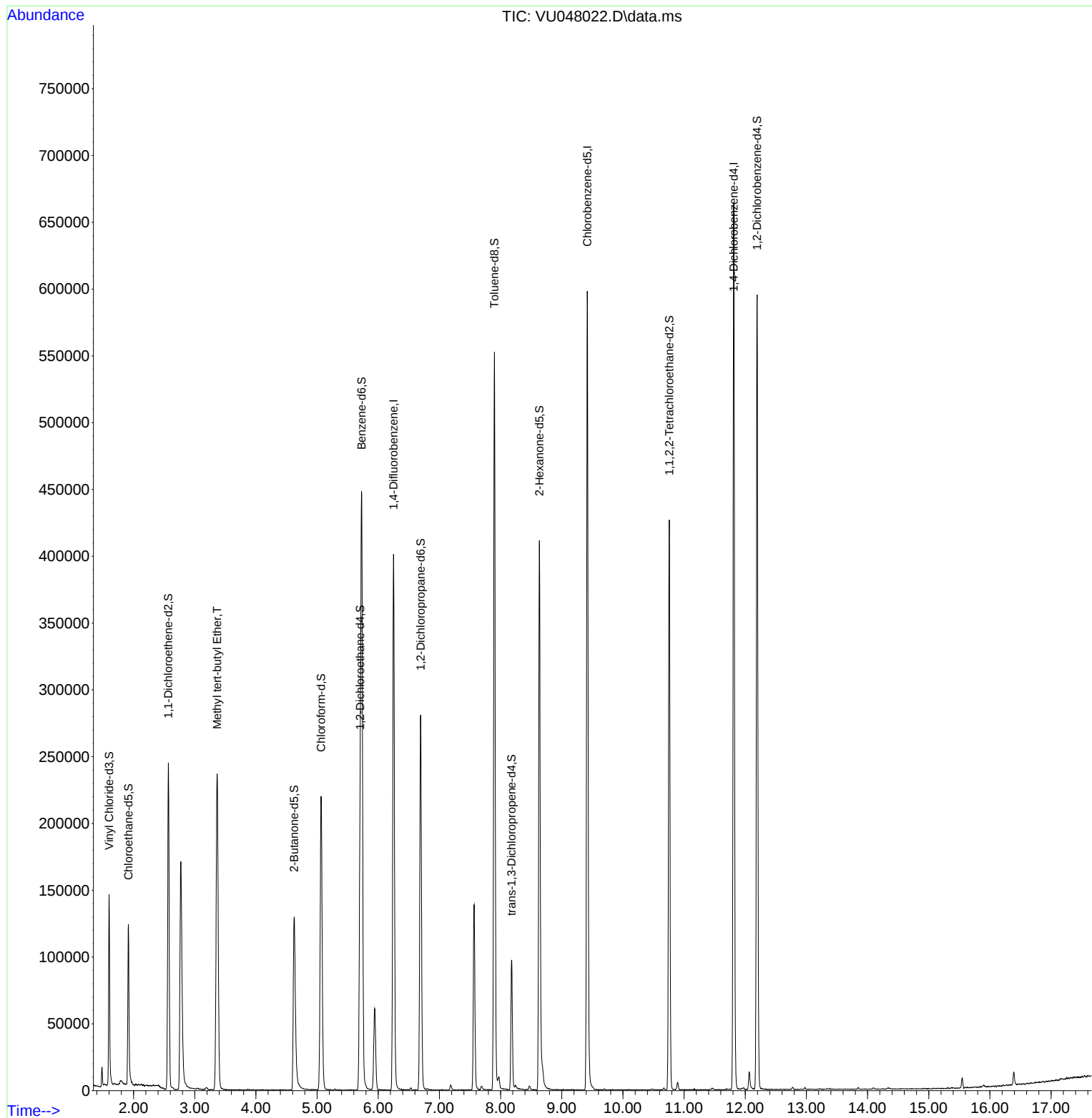
| Compound                      | R.T.    | QIon  | Response | Conc     | Units | Dev(Min)  |
|-------------------------------|---------|-------|----------|----------|-------|-----------|
| -----                         |         |       |          |          |       |           |
| Internal Standards            |         |       |          |          |       |           |
| 1) 1,4-Difluorobenzene        | 6.250   | 114   | 345987   | 50.000   | ug/L  | 0.00      |
| 28) Chlorobenzene-d5          | 9.417   | 117   | 355702   | 50.000   | ug/L  | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.812  | 152   | 186466   | 50.000   | ug/L  | 0.00      |
| System Monitoring Compounds   |         |       |          |          |       |           |
| 4) Vinyl Chloride-d3          | 1.601   | 65    | 107698   | 42.925   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =     | 85.860%   |
| 7) Chloroethane-d5            | 1.916   | 69    | 95080    | 48.061   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =     | 96.120%   |
| 11) 1,1-Dichloroethene-d2     | 2.568   | 63    | 140399   | 30.585   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 61.180%   |
| 21) 2-Butanone-d5             | 4.626   | 46    | 192730   | 89.496   | ug/L  | 0.00      |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =     | 89.500%   |
| 24) Chloroform-d              | 5.067   | 84    | 207331   | 45.163   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 90.320%   |
| 26) 1,2-Dichloroethane-d4     | 5.703   | 65    | 135065   | 47.970   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 95.940%   |
| 32) Benzene-d6                | 5.729   | 84    | 422447   | 47.198   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 94.400%   |
| 36) 1,2-Dichloropropane-d6    | 6.694   | 67    | 137261   | 49.936   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =     | 99.880%   |
| 41) Toluene-d8                | 7.899   | 98    | 373536   | 42.835   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 85.660%   |
| 43) trans-1,3-Dichloroprop... | 8.179   | 79    | 55461    | 39.826   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 79.660%   |
| 47) 2-Hexanone-d5             | 8.636   | 63    | 140891   | 87.557   | ug/L  | 0.00      |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =     | 87.560%   |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758  | 84    | 207999   | 44.092   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =     | 88.180%   |
| 66) 1,2-Dichlorobenzene-d4    | 12.195  | 152   | 165737   | 49.960   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 99.920%   |
| Target Compounds              |         |       |          |          |       |           |
| 18) Methyl tert-butyl Ether   | 3.366   | 73    | 262366   | 36.329   | ug/L  | Qvalue 99 |
| -----                         |         |       |          |          |       |           |

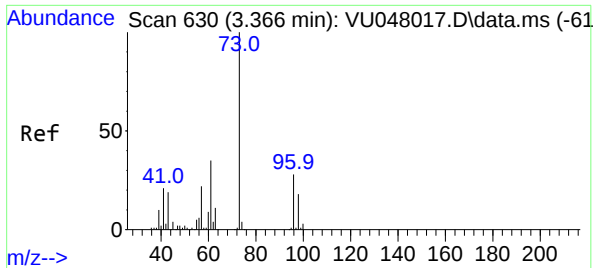
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#18  
Methyl tert-butyl Ether  
Concen: 36.329 ug/L  
RT: 3.366 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VU048022.D  
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C0HX1

Tgt Ion: 73 Resp: 262366

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 73  | 100   |       |       |
| 43  | 19.0  | 15.3  | 22.9  |
| 57  | 21.9  | 17.0  | 25.6  |

