

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW021121\  
 Data File : VW018082.D  
 Acq On : 11 Feb 2021 14:01  
 Operator : SY/VA  
 Sample : M1370-04  
 Misc : 6.66G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DBGY0

Quant Time: Feb 12 02:40:24 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM012921S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Feb 12 02:37:00 2021  
 Response via : Initial Calibration

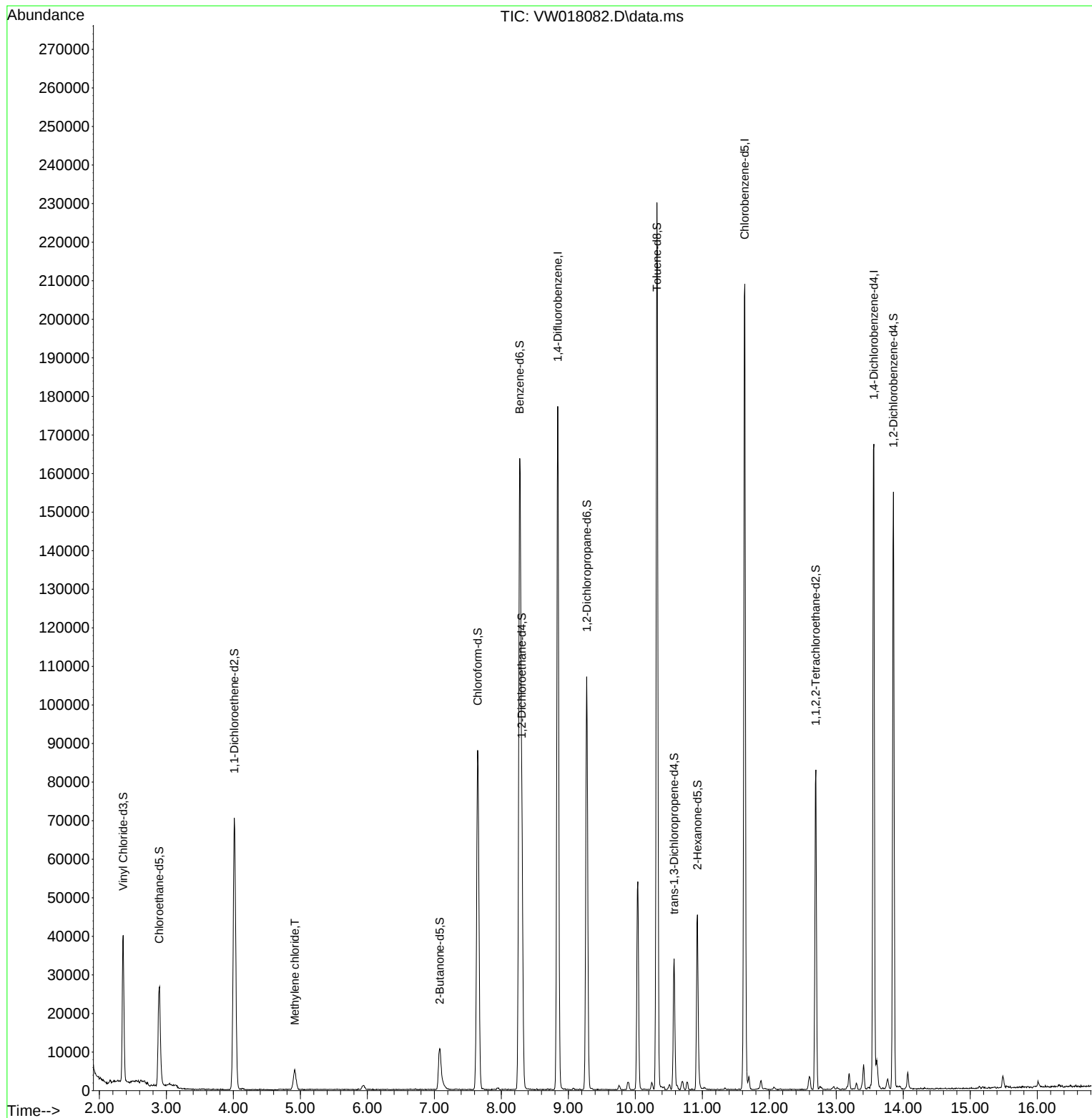
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|-------|-----------|
| -----                         |        |       |          |          |       |           |
| Internal Standards            |        |       |          |          |       |           |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 157391   | 25.00    | ug/L  | 0.00      |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 125524   | 25.00    | ug/L  | 0.00      |
| 60) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 48013    | 25.00    | ug/L  | 0.00      |
| System Monitoring Compounds   |        |       |          |          |       |           |
| 4) Vinyl Chloride-d3          | 2.355  | 65    | 40664    | 20.79    | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 83.16%    |
| 7) Chloroethane-d5            | 2.891  | 69    | 34360    | 22.13    | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 88.52%    |
| 10) 1,1-Dichloroethene-d2     | 4.013  | 63    | 65522    | 16.76    | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 67.04%    |
| 20) 2-Butanone-d5             | 7.080  | 46    | 19203    | 36.79    | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 73.58%    |
| 24) Chloroform-d              | 7.647  | 84    | 93103    | 22.54    | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 90.16%    |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 48779    | 22.17    | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 88.68%    |
| 29) Benzene-d6                | 8.275  | 84    | 178750   | 25.93    | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 103.72%   |
| 33) 1,2-Dichloropropane-d6    | 9.274  | 67    | 50679    | 26.29    | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 105.16%   |
| 37) Toluene-d8                | 10.323 | 98    | 158249   | 24.13    | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 96.52%    |
| 38) trans-1,3-Dichloroprop... | 10.579 | 79    | 20044    | 22.94    | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 91.76%    |
| 39) 2-Hexanone-d5             | 10.927 | 63    | 16304    | 44.24    | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 88.48%    |
| 48) 1,1,2,2-Tetrachloroeth... | 12.695 | 84    | 40207    | 23.74    | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 94.96%    |
| 61) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 41972    | 24.51    | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 98.04%    |
| Target Compounds              |        |       |          |          |       |           |
| 16) Methylene chloride        | 4.915  | 84    | 4109     | 1.63     | ug/L  | Qvalue 91 |
| -----                         |        |       |          |          |       |           |

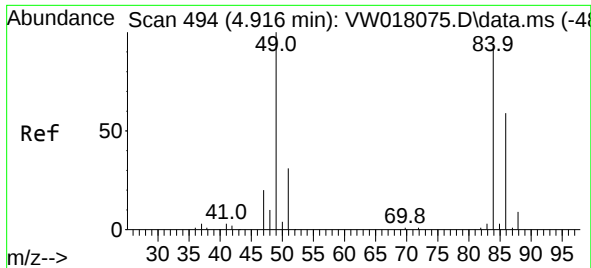
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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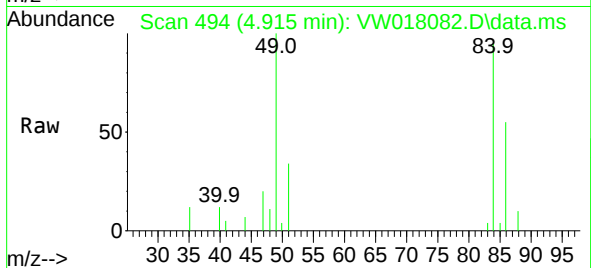
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#16  
Methylene chloride  
Concen: 1.63 ug/L  
RT: 4.915 min Scan# 494  
Delta R.T. -0.000 min  
Lab File: VW018082.D  
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Tgt Ion: 84 Resp: 4109

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 105.1 | 81.2  | 150.8 |
| 86  | 57.3  | 44.5  | 82.7  |

