

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW062724\  
 Data File : VW036304.D  
 Acq On : 27 Jun 2024 12:10  
 Operator : SY/MD  
 Sample : P2960-19  
 Misc : 5.06g/10.0mL/MSVOA\_V/SOIL/B  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VHBLK002

Quant Time: Jun 28 02:28:43 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM062724SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jun 28 00:39:40 2024  
 Response via : Initial Calibration

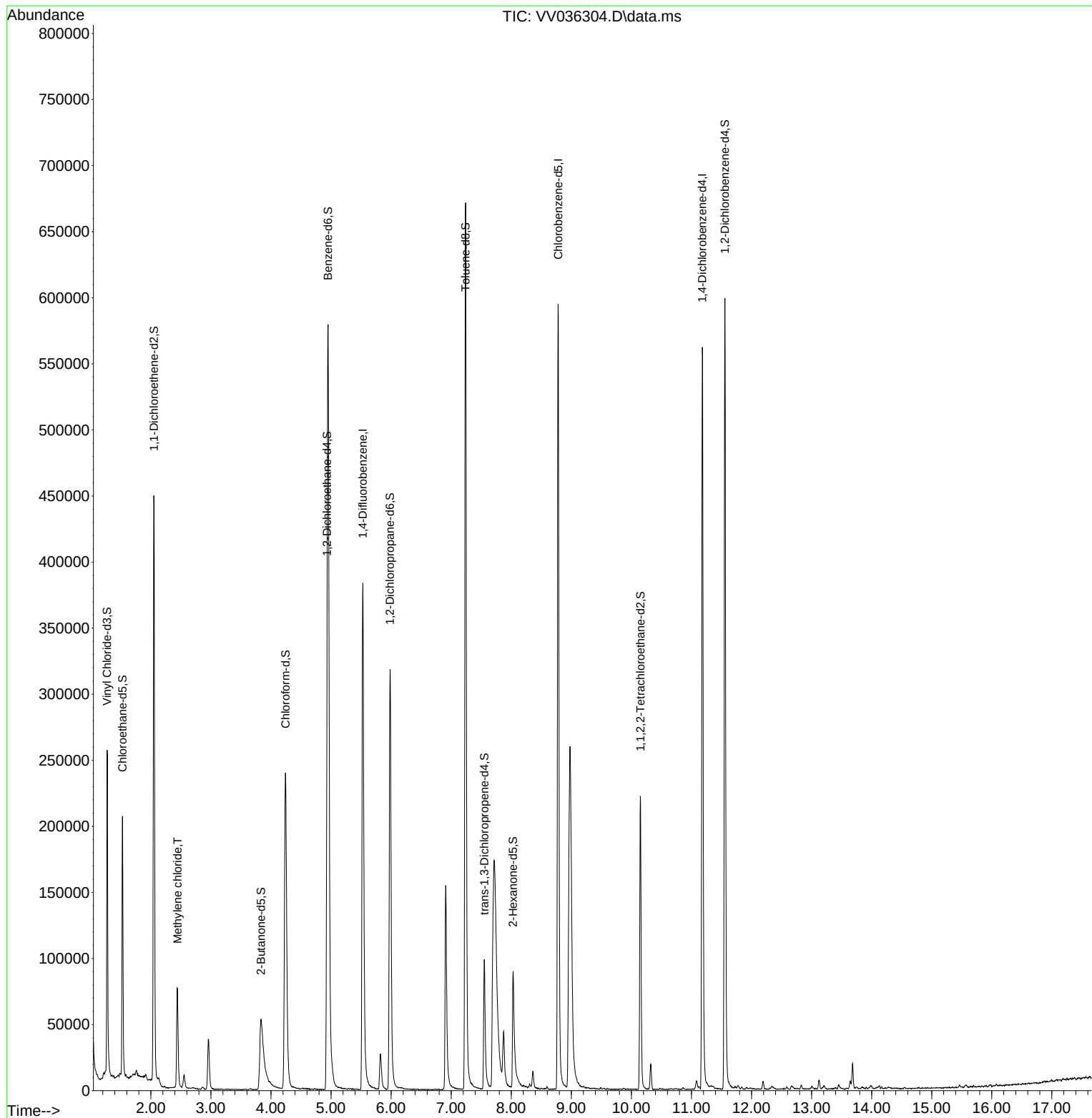
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.529  | 114   | 346234   | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.780  | 117   | 348155   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.182 | 152   | 151961   | 25.000   | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.272  | 65    | 164236   | 27.931   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 111.720% |
| 7) Chloroethane-d5            | 1.526  | 69    | 131821   | 28.067   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 112.280% |
| 11) 1,1-Dichloroethene-d2     | 2.050  | 65    | 75111    | 27.172   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 108.680% |
| 21) 2-Butanone-d5             | 3.835  | 46    | 45541    | 33.370   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 66.740%  |
| 24) Chloroform-d              | 4.243  | 84    | 263716   | 25.804   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 103.200% |
| 26) 1,2-Dichloroethane-d4     | 4.934  | 65    | 139830   | 25.656   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 102.640% |
| 32) Benzene-d6                | 4.950  | 84    | 535177   | 27.231   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 108.920% |
| 36) 1,2-Dichloropropane-d6    | 5.982  | 67    | 162820   | 27.543   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 110.160% |
| 41) Toluene-d8                | 7.240  | 98    | 459580   | 25.936   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 103.760% |
| 43) trans-1,3-Dichloroprop... | 7.551  | 79    | 61171    | 23.172   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 92.680%  |
| 47) 2-Hexanone-d5             | 8.031  | 63    | 34053    | 36.087   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 72.180%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149 | 84    | 110336   | 22.769   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 91.080%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.558 | 152   | 158125   | 28.554   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 114.200% |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 16) Methylene chloride        | 2.442  | 84    | 33705    | 4.945    | ug/L  | 97       |
| -----                         |        |       |          |          |       |          |

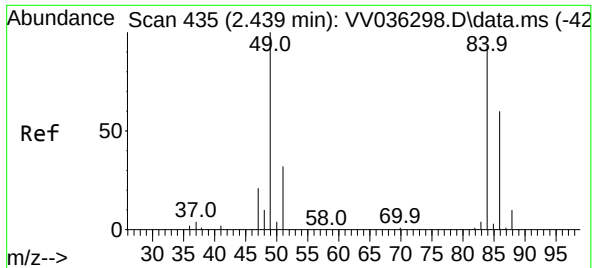
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Fri Jun 28 00:39:40 2024  
Response via : Initial Calibration





#16  
Methylene chloride  
Concen: 4.945 ug/L  
RT: 2.442 min Scan# 41  
Delta R.T. 0.003 min  
Lab File: VV036304.D  
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MSVOA\_V  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 33705 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 86       | 62.8  | 45.6  | 84.8  |
| 49       | 105.1 | 75.7  | 140.5 |

