

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW070124\  
 Data File : VW036392.D  
 Acq On : 01 Jul 2024 22:43  
 Operator : SY/MD  
 Sample : P3087-01  
 Misc : 5.39g/10.0mL/MSVOA\_V/SOIL/A  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Jul 02 05:26:09 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM062724SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jul 02 05:19:46 2024  
 Response via : Initial Calibration

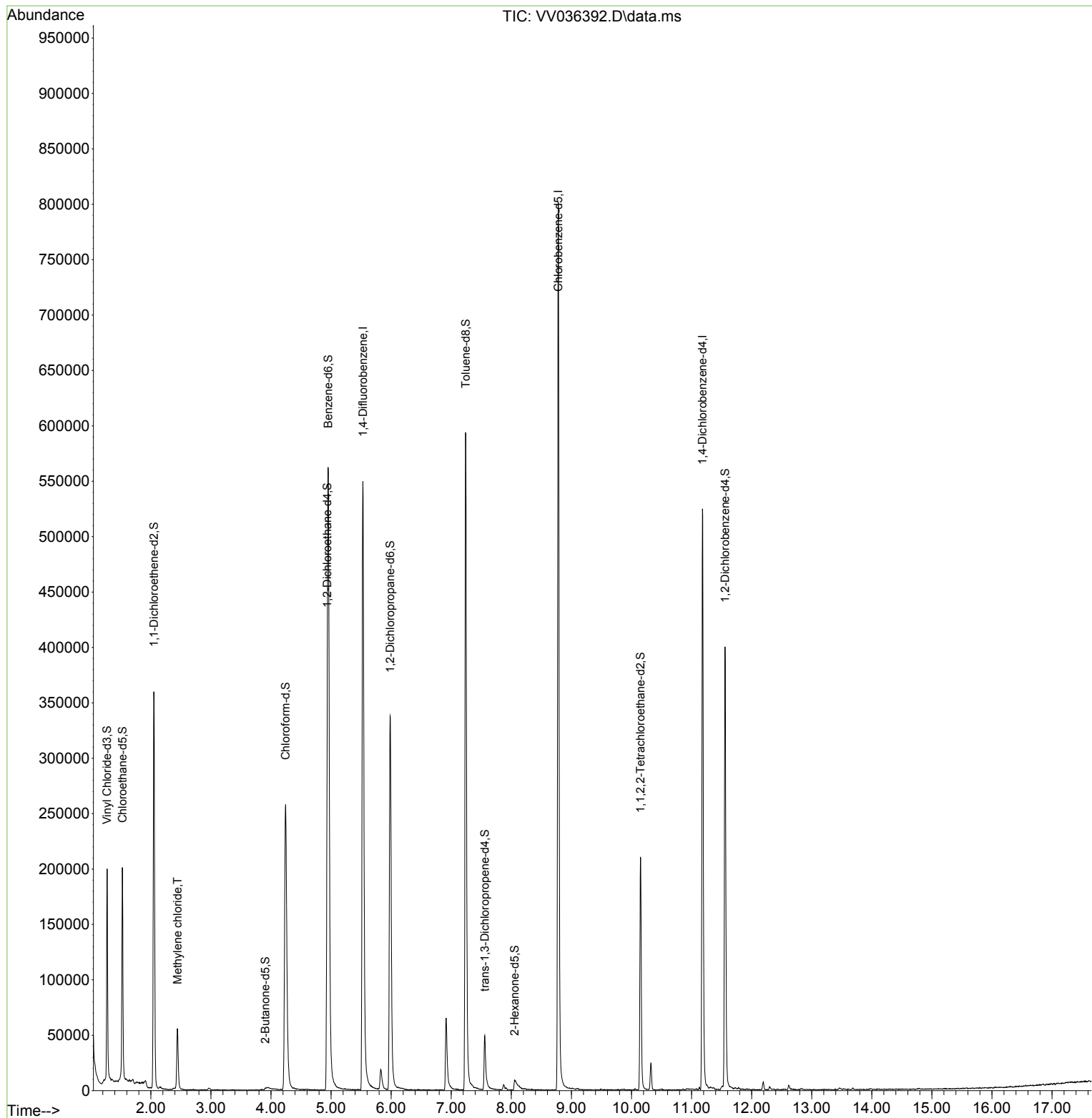
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.529  | 114   | 493132   | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.783  | 117   | 457215   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.181 | 152   | 143325   | 25.000   | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.272  | 65    | 128778   | 15.377   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 61.520%  |
| 7) Chloroethane-d5            | 1.526  | 69    | 129809   | 19.405   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 77.640%  |
| 11) 1,1-Dichloroethene-d2     | 2.050  | 65    | 60925    | 15.475   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 61.880%  |
| 21) 2-Butanone-d5             | 3.905  | 46    | 1200     | 0.617    | ug/L  | 0.06     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 1.240%#  |
| 24) Chloroform-d              | 4.243  | 84    | 290848   | 19.981   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 79.920%  |
| 26) 1,2-Dichloroethane-d4     | 4.937  | 65    | 147050   | 18.943   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 75.760%  |
| 32) Benzene-d6                | 4.953  | 84    | 520334   | 20.160   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 80.640%  |
| 36) 1,2-Dichloropropane-d6    | 5.985  | 67    | 172488   | 22.218   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 88.880%  |
| 41) Toluene-d8                | 7.239  | 98    | 408926   | 17.572   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 70.280%  |
| 43) trans-1,3-Dichloroprop... | 7.558  | 79    | 32621    | 9.410    | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 37.640%  |
| 47) 2-Hexanone-d5             | 8.053  | 63    | 3073     | 2.480    | ug/L  | 0.02     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 4.960%#  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149 | 84    | 105557   | 16.587   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 66.360%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.558 | 152   | 107522   | 20.586   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 82.360%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 16) Methylene chloride        | 2.442  | 84    | 26076    | 2.686    | ug/L  | 97       |
| -----                         |        |       |          |          |       |          |

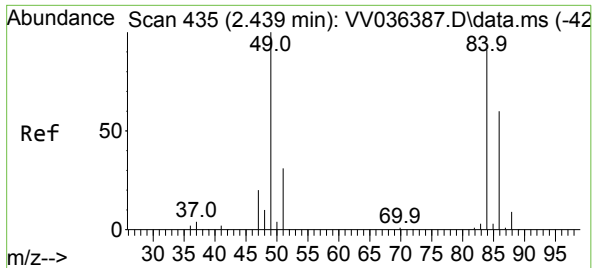
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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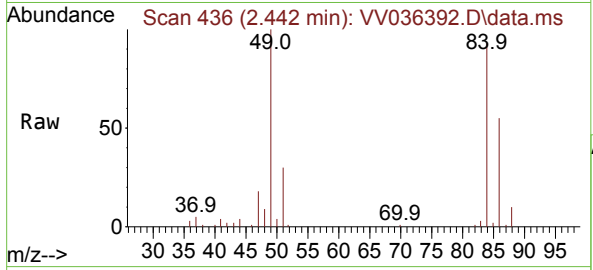
Quant Time: Jul 02 05:26:09 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM062724SMA.M  
Quant Title : VOC Analysis  
QLast Update : Tue Jul 02 05:19:46 2024  
Response via : Initial Calibration





#16  
Methylene chloride  
Concen: 2.686 ug/L  
RT: 2.442 min Scan# 41  
Delta R.T. 0.003 min  
Lab File: VV036392.D  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 26076 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 86       | 59.5  | 45.6  | 84.8  |
| 49       | 107.6 | 75.7  | 140.5 |

