

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW062724\  
 Data File : VW036319.D  
 Acq On : 27 Jun 2024 20:47  
 Operator : SY/MD  
 Sample : P3035-18  
 Misc : 5.42g/10.0mL/MSVOA\_V/SOIL/A  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A4B96

Quant Time: Jun 28 05:06:16 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM062724SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jun 28 04:20:38 2024  
 Response via : Initial Calibration

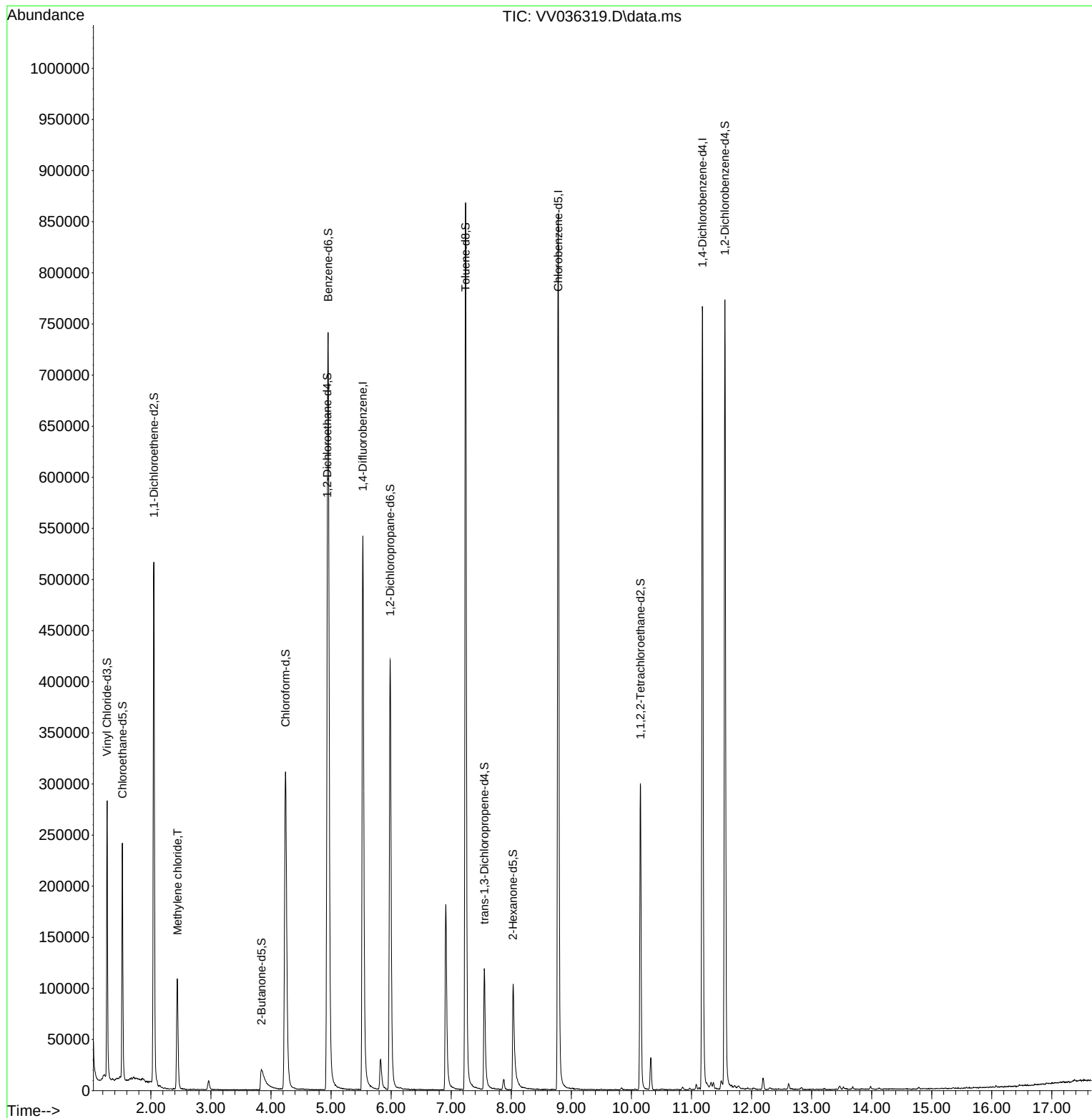
| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.529          | 114  | 489529     | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.783          | 117  | 486073     | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185         | 152  | 208222     | 25.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.272          | 65   | 175319     | 21.088   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 84.360%  |       |          |
| 7) Chloroethane-d5            | 1.526          | 69   | 154612     | 23.283   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 93.120%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.050          | 65   | 87732      | 22.448   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 89.800%  |       |          |
| 21) 2-Butanone-d5             | 3.841          | 46   | 43034      | 22.303   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 44.600%  |       |          |
| 24) Chloroform-d              | 4.243          | 84   | 344945     | 23.872   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 95.480%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 4.937          | 65   | 182599     | 23.696   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 94.800%  |       |          |
| 32) Benzene-d6                | 4.953          | 84   | 689302     | 25.121   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 100.480% |       |          |
| 36) 1,2-Dichloropropane-d6    | 5.986          | 67   | 211163     | 25.585   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 102.360% |       |          |
| 41) Toluene-d8                | 7.239          | 98   | 596552     | 24.113   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 96.440%  |       |          |
| 43) trans-1,3-Dichloroprop... | 7.551          | 79   | 74914      | 20.326   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 81.320%  |       |          |
| 47) 2-Hexanone-d5             | 8.030          | 63   | 39959      | 30.331   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 60.660%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149         | 84   | 146895     | 21.713   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 86.840%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.558         | 152  | 203430     | 26.810   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 107.240% |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 16) Methylene chloride        | 2.442          | 84   | 49561      | 5.143    | ug/L  | 99       |
| -----                         |                |      |            |          |       |          |

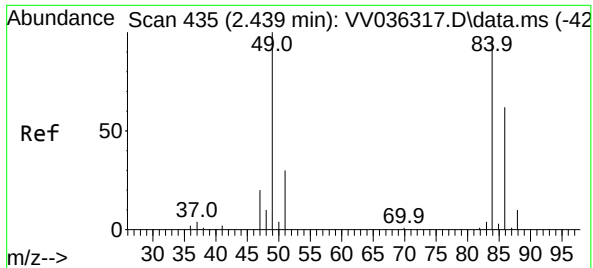
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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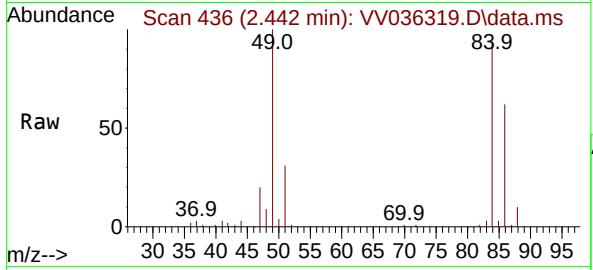
Quant Time: Jun 28 05:06:16 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM062724SMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Jun 28 04:20:38 2024  
Response via : Initial Calibration





#16  
 Methylene chloride  
 Concen: 5.143 ug/L  
 RT: 2.442 min Scan# 41  
 Delta R.T. 0.003 min  
 Lab File: VV036319.D  
 Acq: 27 Jun 2024 20:47

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 MSVOA\_V  
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 A4B96



Tgt Ion: 84 Resp: 49561

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 86  | 65.5  | 45.6  | 84.8  |
| 49  | 106.0 | 75.7  | 140.5 |

