

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW071524\  
 Data File : VW036537.D  
 Acq On : 15 Jul 2024 18:53  
 Operator : SY/MD  
 Sample : P3238-01  
 Misc : 5.35g/10.0mL/MSVOA\_V/SOIL/A  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A4BE6

Quant Time: Jul 16 01:31:13 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM071124SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jul 16 01:25:30 2024  
 Response via : Initial Calibration

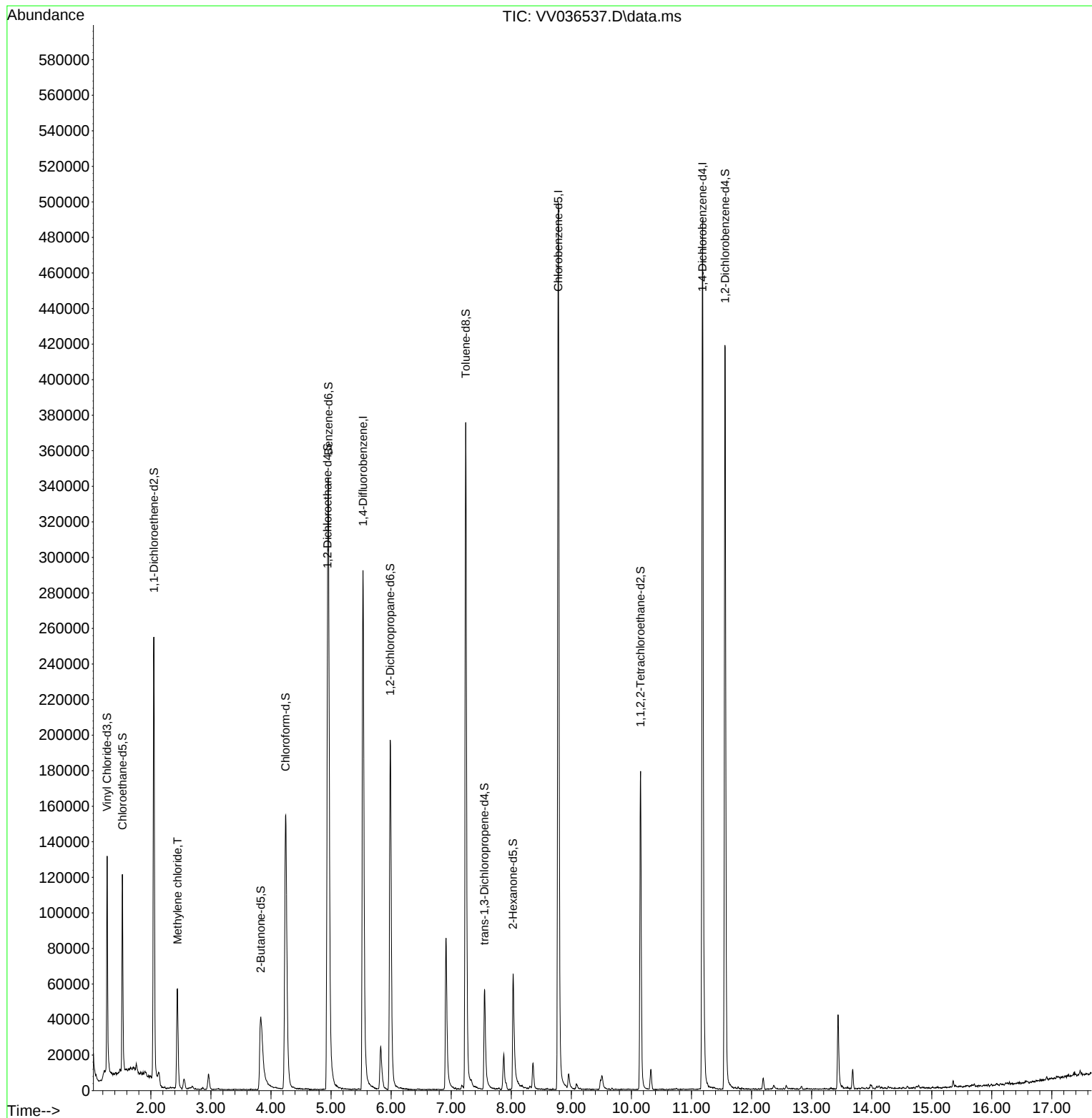
| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.532          | 114  | 272909     | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.783          | 117  | 300084     | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185         | 152  | 138298     | 25.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.272          | 65   | 80866      | 20.682   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 82.720%  |       |          |
| 7) Chloroethane-d5            | 1.526          | 69   | 72921      | 21.332   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 85.320%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.050          | 65   | 39175      | 19.512   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 78.040%  |       |          |
| 21) 2-Butanone-d5             | 3.828          | 46   | 33093      | 49.451   | ug/L  | -0.01    |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 98.900%  |       |          |
| 24) Chloroform-d              | 4.243          | 84   | 170150     | 21.419   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 85.680%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 4.940          | 65   | 95589      | 24.261   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 97.040%  |       |          |
| 32) Benzene-d6                | 4.956          | 84   | 312632     | 20.883   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 83.520%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 5.985          | 67   | 95977      | 21.511   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 86.040%  |       |          |
| 41) Toluene-d8                | 7.243          | 98   | 266429     | 19.288   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 77.160%  |       |          |
| 43) trans-1,3-Dichloroprop... | 7.554          | 79   | 37769      | 20.361   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 81.440%  |       |          |
| 47) 2-Hexanone-d5             | 8.030          | 63   | 23338      | 47.097   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 94.200%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.152         | 84   | 86122      | 22.919   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 91.680%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.561         | 152  | 117931     | 25.127   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 100.520% |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 16) Methylene chloride        | 2.442          | 84   | 26958      | 4.805    | ug/L  | 91       |
| -----                         |                |      |            |          |       |          |

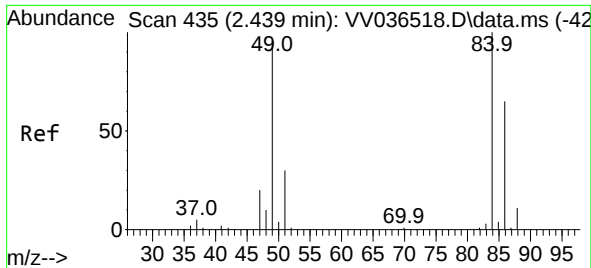
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Tue Jul 16 01:25:30 2024  
Response via : Initial Calibration





#16  
Methylene chloride  
Concen: 4.805 ug/L  
RT: 2.442 min Scan# 41  
Delta R.T. 0.003 min  
Lab File: VV036537.D  
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Tgt Ion: 84 Resp: 26958  
Ion Ratio Lower Upper  
84 100  
86 59.7 46.3 86.1  
49 88.0 68.1 126.5

