

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW062724\  
 Data File : VW036326.D  
 Acq On : 27 Jun 2024 23:29  
 Operator : SY/MD  
 Sample : P3010-20  
 Misc : 5.61g/10.0mL/MSVOA\_V/SOIL/A  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A4BB5

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 07/03/2024  
 Supervised By :Semsettin Yesilyurt 07/03/2024

Quant Time: Jun 28 05:07:52 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  | 575020     | 25.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.783          | 117  | 548508     | 25.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.181         | 152  | 207007     | 25.000  | ug/L  | 0.00     |
|                               |                |      |            |         |       |          |
| System Monitoring Compounds   |                |      |            |         |       |          |
| 4) Vinyl Chloride-d3          | 1.272          | 65   | 165459     | 16.943  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 67.760% |       |          |
| 7) Chloroethane-d5            | 1.526          | 69   | 151943     | 19.480  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 77.920% |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.050          | 65   | 73479      | 16.006  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 64.040% |       |          |
| 21) 2-Butanone-d5             | 3.857          | 46   | 39050m     | 17.229  | ug/L  | 0.02     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 34.460% |       |          |
| 24) Chloroform-d              | 4.243          | 84   | 344730     | 20.310  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 81.240% |       |          |
| 26) 1,2-Dichloroethane-d4     | 4.937          | 65   | 183940     | 20.321  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 81.280% |       |          |
| 32) Benzene-d6                | 4.953          | 84   | 664606     | 21.464  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 85.840% |       |          |
| 36) 1,2-Dichloropropane-d6    | 5.982          | 67   | 213935     | 22.970  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 91.880% |       |          |
| 41) Toluene-d8                | 7.239          | 98   | 559417     | 20.038  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 80.160% |       |          |
| 43) trans-1,3-Dichloroprop... | 7.551          | 79   | 63914      | 15.368  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 61.480% |       |          |
| 47) 2-Hexanone-d5             | 8.037          | 63   | 15974      | 10.745  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 21.480% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149         | 84   | 133434     | 17.478  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 69.920% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.558         | 152  | 175896     | 23.317  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 93.280% |       |          |
|                               |                |      |            |         |       |          |
| Target Compounds              |                |      |            |         |       | Qvalue   |
| 16) Methylene chloride        | 2.442          | 84   | 55083      | 4.866   | ug/L  | 98       |
| -----                         |                |      |            |         |       |          |

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

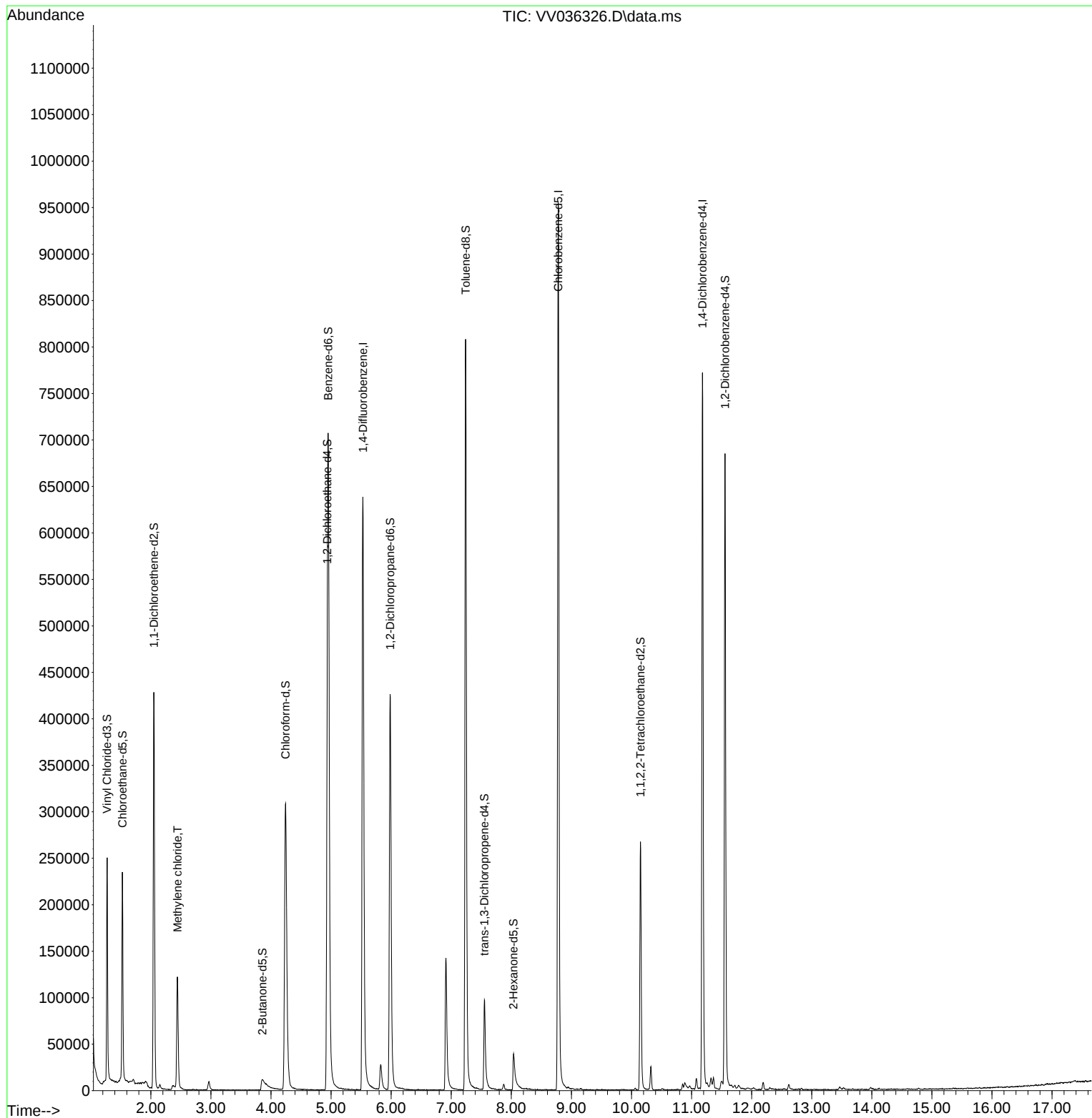
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV062724\  
Data File : VV036326.D  
Acq On : 27 Jun 2024 23:29  
Operator : SY/MD  
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ALS Vial : 37 Sample Multiplier: 1

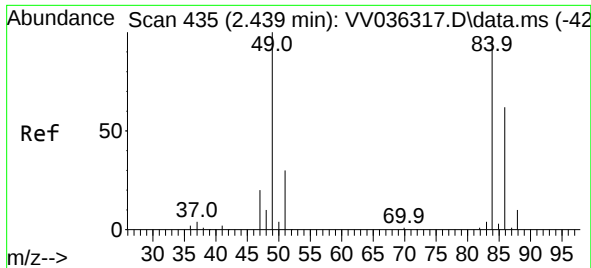
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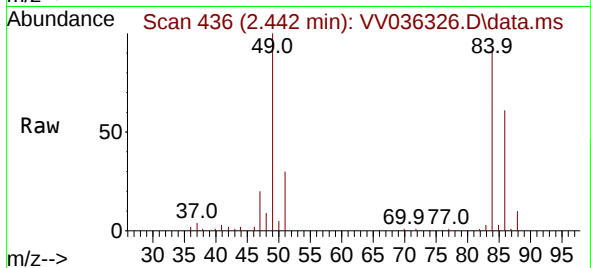
Quant Time: Jun 28 05:07:52 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM062724SMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Jun 28 04:20:38 2024  
Response via : Initial Calibration





#16  
Methylene chloride  
Concen: 4.866 ug/L  
RT: 2.442 min Scan# 41  
Delta R.T. 0.003 min  
Lab File: VV036326.D  
Acq: 27 Jun 2024 23:29

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MSVOA\_V  
ClientSampleId :  
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Tgt Ion: 84 Resp: 5508  
Ion Ratio Lower Upper  
84 100  
86 67.4 45.6 84.8  
49 110.1 75.7 140.5

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