

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV052924\  
 Data File : VV035874.D  
 Acq On : 29 May 2024 19:29  
 Operator : SY/MD  
 Sample : P2632-20  
 Misc : 6.03g/10.0mL/MSVOA\_V/SOIL/A  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BHBV6

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 05/31/2024  
 Supervised By :Semsettin Yesilyurt 05/31/2024

Quant Time: May 30 01:21:17 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM050624SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu May 30 01:13:31 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc      | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|-------|----------|
| -----                         |                |      |            |           |       |          |
| Internal Standards            |                |      |            |           |       |          |
| 1) 1,4-Difluorobenzene        | 5.532          | 114  | 270066     | 25.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.783          | 117  | 283986     | 25.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185         | 152  | 100901     | 25.000    | ug/L  | 0.00     |
|                               |                |      |            |           |       |          |
| System Monitoring Compounds   |                |      |            |           |       |          |
| 4) Vinyl Chloride-d3          | 1.272          | 65   | 60949      | 14.601    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 58.400%   |       |          |
| 7) Chloroethane-d5            | 1.526          | 69   | 69771      | 20.719    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 82.880%   |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.050          | 65   | 31044      | 16.799    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 67.200%   |       |          |
| 21) 2-Butanone-d5             | 3.863          | 46   | 28532m     | 24.086    | ug/L  | 0.02     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 48.180%   |       |          |
| 24) Chloroform-d              | 4.243          | 84   | 209958     | 26.150    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 104.600%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 4.941          | 65   | 141373     | 35.618    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 142.480%# |       |          |
| 32) Benzene-d6                | 4.957          | 84   | 340565     | 21.908    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 87.640%   |       |          |
| 36) 1,2-Dichloropropane-d6    | 5.985          | 67   | 147546     | 30.756    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 123.040%# |       |          |
| 41) Toluene-d8                | 7.243          | 98   | 245335     | 17.733    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 70.920%   |       |          |
| 43) trans-1,3-Dichloroprop... | 7.558          | 79   | 36938      | 18.003    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 72.000%   |       |          |
| 47) 2-Hexanone-d5             | 8.043          | 63   | 11310      | 13.111    | ug/L  | 0.01     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 26.220%   |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153         | 84   | 135177     | 29.241    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 116.960%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.561         | 152  | 86418      | 24.679    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 98.720%   |       |          |
|                               |                |      |            |           |       |          |
| Target Compounds              |                |      |            |           |       | Qvalue   |
| 16) Methylene chloride        | 2.442          | 84   | 42798      | 6.872     | ug/L  | 95       |
| -----                         |                |      |            |           |       |          |

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

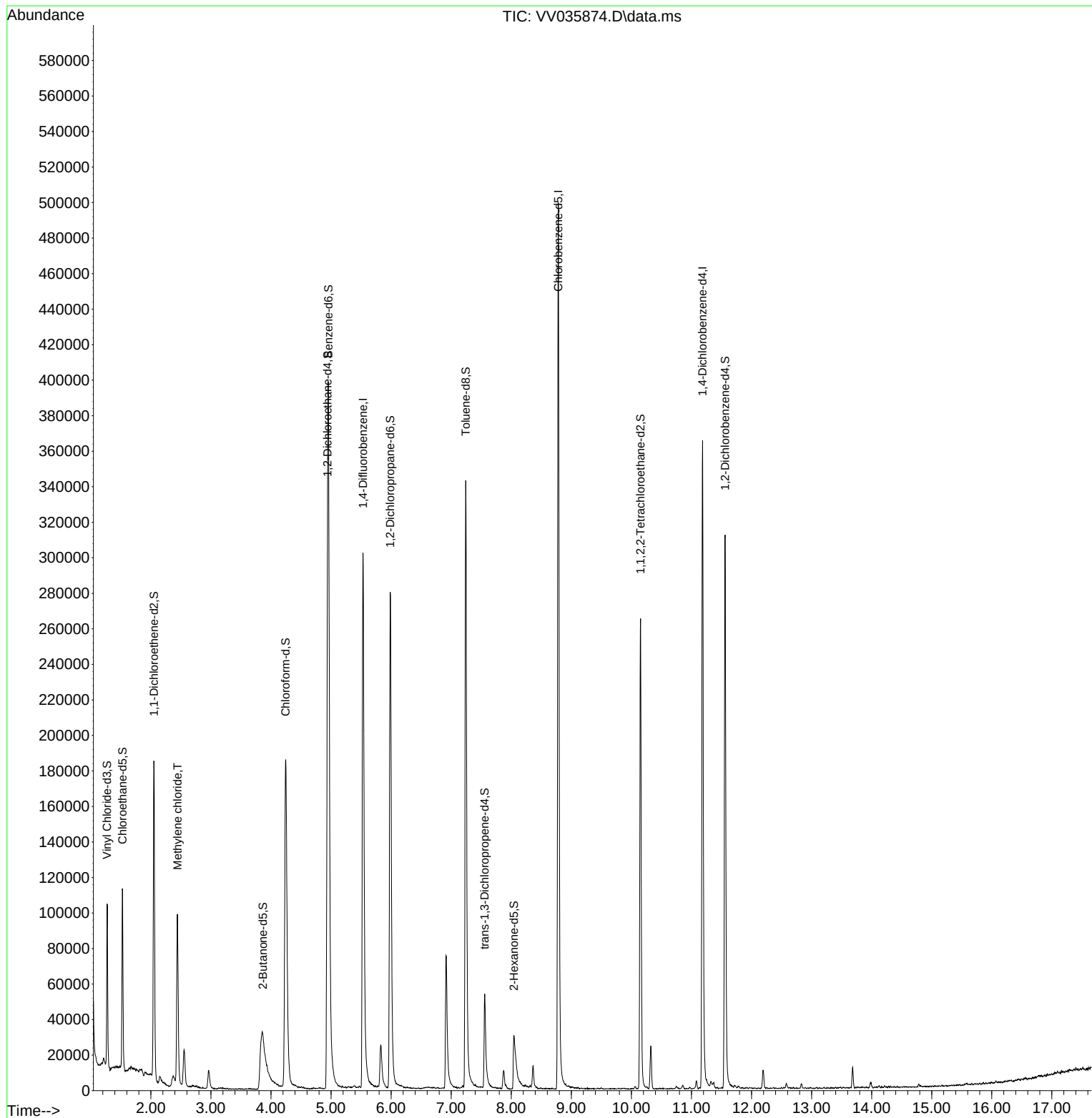
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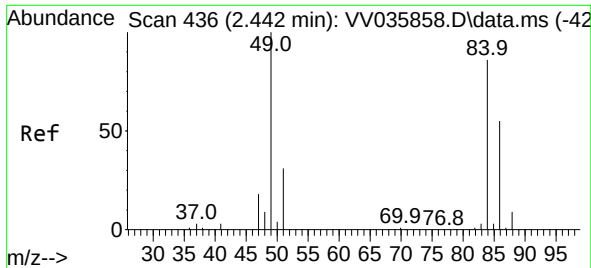
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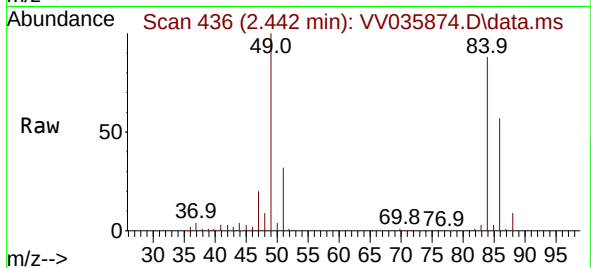
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM050624SMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu May 30 01:13:31 2024  
Response via : Initial Calibration





#16  
Methylene chloride  
Concen: 6.872 ug/L  
RT: 2.442 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VV035874.D  
Acq: 29 May 2024 19:29

Instrument :  
MSVOA\_V  
ClientSampleId :  
BHHY6



Tgt Ion: 84 Resp: 42798  
Ion Ratio Lower Upper  
84 100  
86 64.7 43.8 81.3  
49 113.9 75.3 139.9

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