

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV060624\  
 Data File : VV035994.D  
 Acq On : 06 Jun 2024 17:46  
 Operator : SY/MD  
 Sample : P2754-09  
 Misc : 4.79g/10.0mL/MSVOA\_V/SOIL/A  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A4BP8

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 06/07/2024  
 Supervised By :Semsettin Yesilyurt 06/07/2024

Quant Time: Jun 07 02:22:10 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM053024SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jun 07 02:16:44 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.529          | 114  | 719840     | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.783          | 117  | 675859     | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.181         | 152  | 269960     | 25.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.272          | 65   | 142280     | 10.751   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 43.000%  |       |          |
| 7) Chloroethane-d5            | 1.526          | 69   | 134907     | 12.784   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 51.120%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.050          | 65   | 66992      | 11.371   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 45.480%  |       |          |
| 21) 2-Butanone-d5             | 3.847          | 46   | 75279m     | 24.792   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 49.580%  |       |          |
| 24) Chloroform-d              | 4.243          | 84   | 338168     | 14.777   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 59.120%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 4.941          | 65   | 173512     | 14.461   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 57.840%# |       |          |
| 32) Benzene-d6                | 4.957          | 84   | 606231     | 15.090   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 60.360%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 5.985          | 67   | 210971     | 16.676   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 66.720%# |       |          |
| 41) Toluene-d8                | 7.243          | 98   | 473027     | 13.344   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 53.360%  |       |          |
| 43) trans-1,3-Dichloroprop... | 7.555          | 79   | 70686      | 13.627   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 54.520%  |       |          |
| 47) 2-Hexanone-d5             | 8.034          | 63   | 46159      | 26.929   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 53.860%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153         | 84   | 155237     | 16.420   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 65.680%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.558         | 152  | 165514     | 16.719   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 66.880%# |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 46) Tetrachloroethene         | 7.908          | 164  | 9486       | 0.957    | ug/L  | 98       |
| -----                         |                |      |            |          |       |          |

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

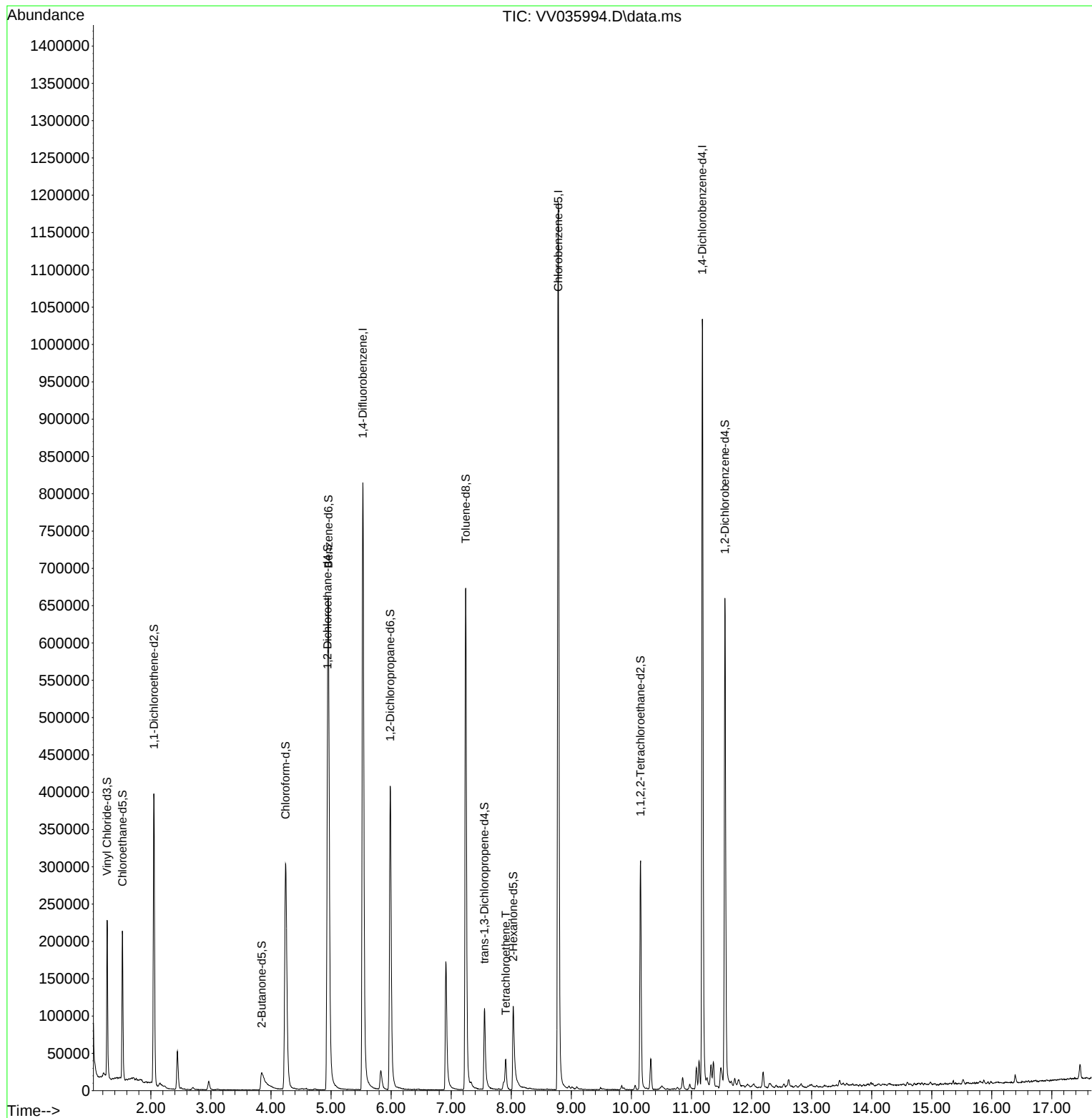
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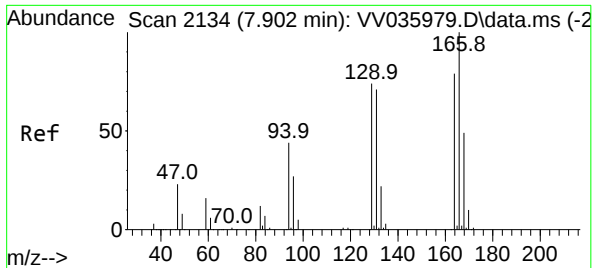
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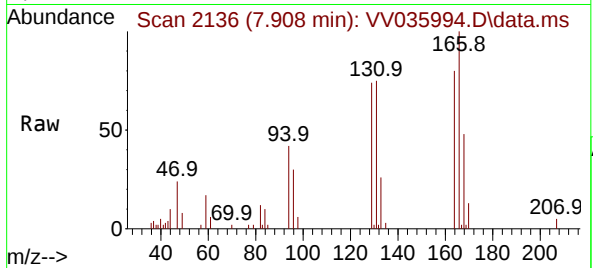
Quant Time: Jun 07 02:22:10 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM053024SMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Jun 07 02:16:44 2024  
Response via : Initial Calibration





#46  
 Tetrachloroethene  
 Concen: 0.957 ug/L  
 RT: 7.908 min Scan# 2136  
 Delta R.T. 0.007 min  
 Lab File: VV035994.D  
 Acq: 06 Jun 2024 17:46

Instrument : MSVOA\_V  
 ClientSampleId : A4BP8



|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:164 | Resp: | 948         |
| Ion         | Ratio | Lower Upper |
| 164         | 100   |             |
| 129         | 92.7  | 64.6 120.0  |
| 131         | 93.8  | 63.2 117.4  |
| 166         | 125.1 | 89.5 166.3  |

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