

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW061124\  
 Data File : VW036037.D  
 Acq On : 11 Jun 2024 16:19  
 Operator : SY/MD  
 Sample : P2798-07  
 Misc : 5.40g/10.0mL/MSVOA\_V/SOIL/A  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BHB58

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 06/12/2024  
 Supervised By :Semsettin Yesilyurt 06/12/2024

Quant Time: Jun 12 02:08:36 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM053024SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jun 12 02:05:45 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.532          | 114  | 410635     | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.783          | 117  | 427725     | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.181         | 152  | 206739     | 25.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.275          | 65   | 135046     | 17.888   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 71.560%  |       |          |
| 7) Chloroethane-d5            | 1.529          | 69   | 120322     | 19.988   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 79.960%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.053          | 65   | 63375      | 18.857   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 75.440%  |       |          |
| 21) 2-Butanone-d5             | 3.844          | 46   | 92858m     | 53.609   | ug/L  | 0.04     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 107.220% |       |          |
| 24) Chloroform-d              | 4.246          | 84   | 280827     | 21.511   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 86.040%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 4.941          | 65   | 161484     | 23.592   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 94.360%  |       |          |
| 32) Benzene-d6                | 4.957          | 84   | 531315     | 20.897   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 83.600%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 5.986          | 67   | 180643     | 22.562   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 90.240%  |       |          |
| 41) Toluene-d8                | 7.239          | 98   | 433560     | 19.327   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 77.320%  |       |          |
| 43) trans-1,3-Dichloroprop... | 7.555          | 79   | 70608      | 21.508   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 86.040%  |       |          |
| 47) 2-Hexanone-d5             | 8.030          | 63   | 60908      | 56.148   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 112.300% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149         | 84   | 176742     | 29.540   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 118.160% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.558         | 152  | 189795     | 25.034   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 100.120% |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       |          |
| 16) Methylene chloride        | 2.442          | 84   | 34235      | 3.684    | ug/L  | 98       |
| 20) cis-1,2-Dichloroethene    | 3.818          | 96   | 35804      | 5.101    | ug/L  | 98       |
| 46) Tetrachloroethene         | 7.908          | 164  | 6508       | 1.038    | ug/L  | 97       |
| -----                         |                |      |            |          |       |          |

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

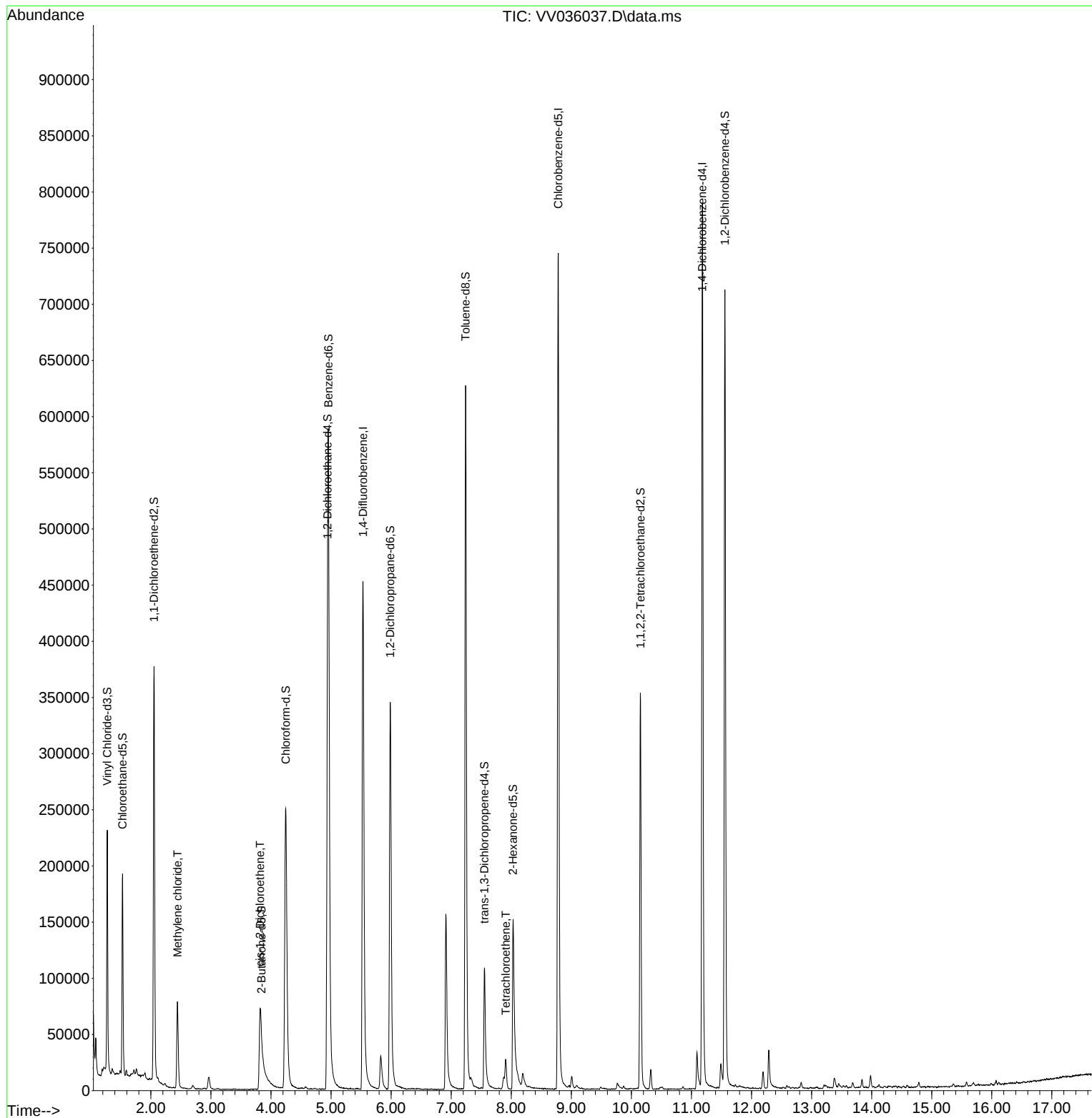
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV061124\  
Data File : VV036037.D  
Acq On : 11 Jun 2024 16:19  
Operator : SY/MD  
Sample : P2798-07  
Misc : 5.40g/10.0mL/MSVOA\_V/SOIL/A  
ALS Vial : 11 Sample Multiplier: 1

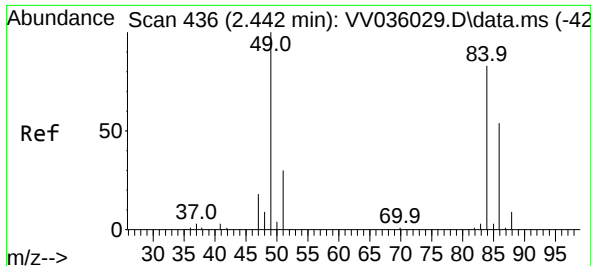
Instrument :  
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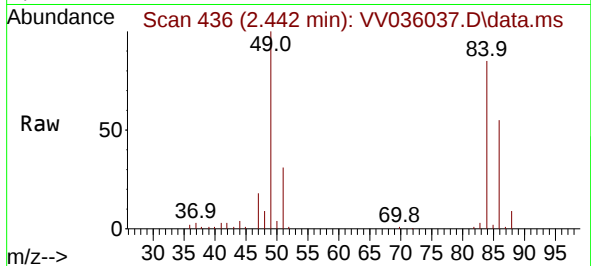
Quant Time: Jun 12 02:08:36 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM053024SMA.M  
Quant Title : VOC Analysis  
QLast Update : Wed Jun 12 02:05:45 2024  
Response via : Initial Calibration





#16  
Methylene chloride  
Concen: 3.684 ug/L  
RT: 2.442 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VV036037.D  
Acq: 11 Jun 2024 16:19

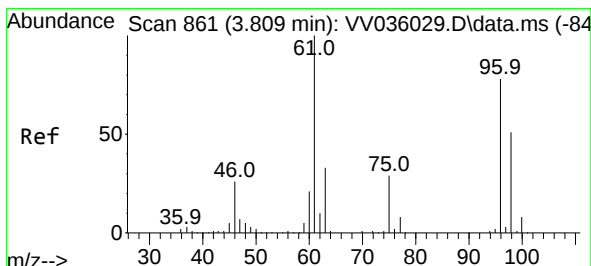
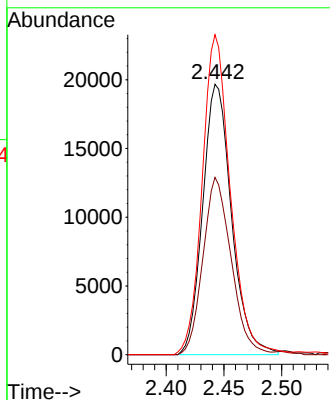
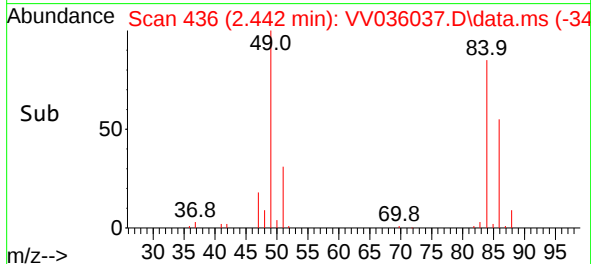
Instrument :  
MSVOA\_V  
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Tgt Ion: 84 Resp: 3423  
Ion Ratio Lower Upper  
84 100  
86 65.5 44.6 82.8  
49 118.3 81.1 150.5

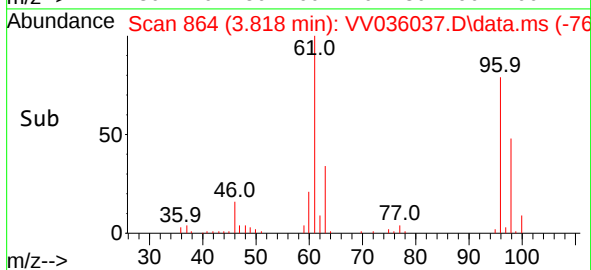
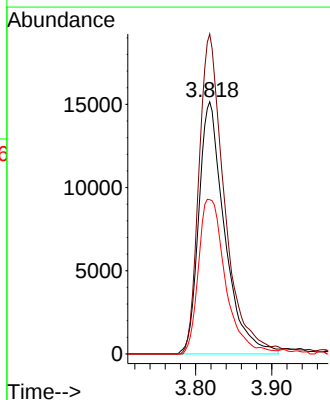
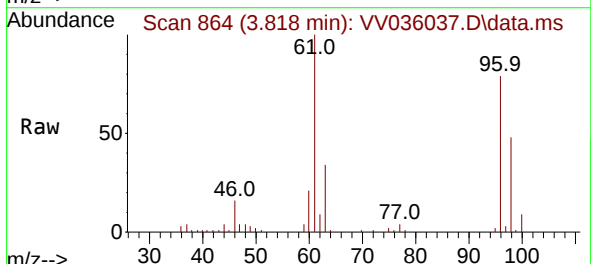
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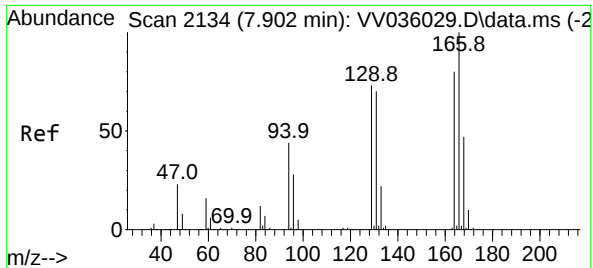
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Supervised By :Semsettin Yesilyurt 06/12/2024



#20  
cis-1,2-Dichloroethene  
Concen: 5.101 ug/L  
RT: 3.818 min Scan# 864  
Delta R.T. 0.010 min  
Lab File: VV036037.D  
Acq: 11 Jun 2024 16:19

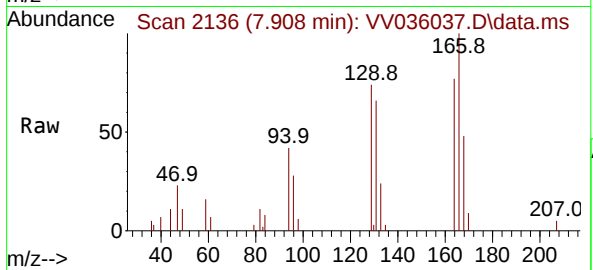
Tgt Ion: 96 Resp: 35804  
Ion Ratio Lower Upper  
96 100  
61 126.9 87.9 163.3  
98 61.2 44.4 82.5





#46  
Tetrachloroethene  
Concen: 1.038 ug/L  
RT: 7.908 min Scan# 2136  
Delta R.T. 0.007 min  
Lab File: VV036037.D  
Acq: 11 Jun 2024 16:19

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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 6508  |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 96.4  | 64.6  | 120.0 |
| 131      | 85.4  | 63.2  | 117.4 |
| 166      | 129.9 | 89.5  | 166.3 |

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