

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV062024\  
 Data File : VV036160.D  
 Acq On : 20 Jun 2024 13:37  
 Operator : SY/MD  
 Sample : P2909-20  
 Misc : 5.32g/10.0mL/MSVOA\_V/SOIL/A  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A4B43

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 06/22/2024  
 Supervised By :Semsettin Yesilyurt 06/22/2024

Quant Time: Jun 21 01:48:02 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM053024SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jun 20 05:02:48 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.529          | 114  | 539644     | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.783          | 117  | 462796     | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.181         | 152  | 128586     | 25.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.272          | 65   | 143292     | 14.443   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 57.760%  |       |          |
| 7) Chloroethane-d5            | 1.526          | 69   | 127402     | 16.105   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 64.400%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.050          | 65   | 68015      | 15.399   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 61.600%  |       |          |
| 21) 2-Butanone-d5             | 3.838          | 46   | 55747m     | 24.490   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 48.980%  |       |          |
| 24) Chloroform-d              | 4.243          | 84   | 275551     | 16.061   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 64.240%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 4.937          | 65   | 142589     | 15.852   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 63.400%# |       |          |
| 32) Benzene-d6                | 4.953          | 84   | 503720     | 18.311   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 73.240%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 5.986          | 67   | 167923     | 19.384   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 77.520%  |       |          |
| 41) Toluene-d8                | 7.239          | 98   | 388213     | 15.994   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 63.960%  |       |          |
| 43) trans-1,3-Dichloroprop... | 7.555          | 79   | 52005      | 14.641   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 58.560%  |       |          |
| 47) 2-Hexanone-d5             | 8.030          | 63   | 30882      | 26.311   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 52.620%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149         | 84   | 98264      | 15.179   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 60.720%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.558         | 152  | 79712      | 16.905   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 67.600%# |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 13) Acetone                   | 2.143          | 43   | 16018m     | 4.517    | ug/L  |          |
| 16) Methylene chloride        | 2.442          | 84   | 31321      | 2.565    | ug/L  | 99       |
| -----                         |                |      |            |          |       |          |

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

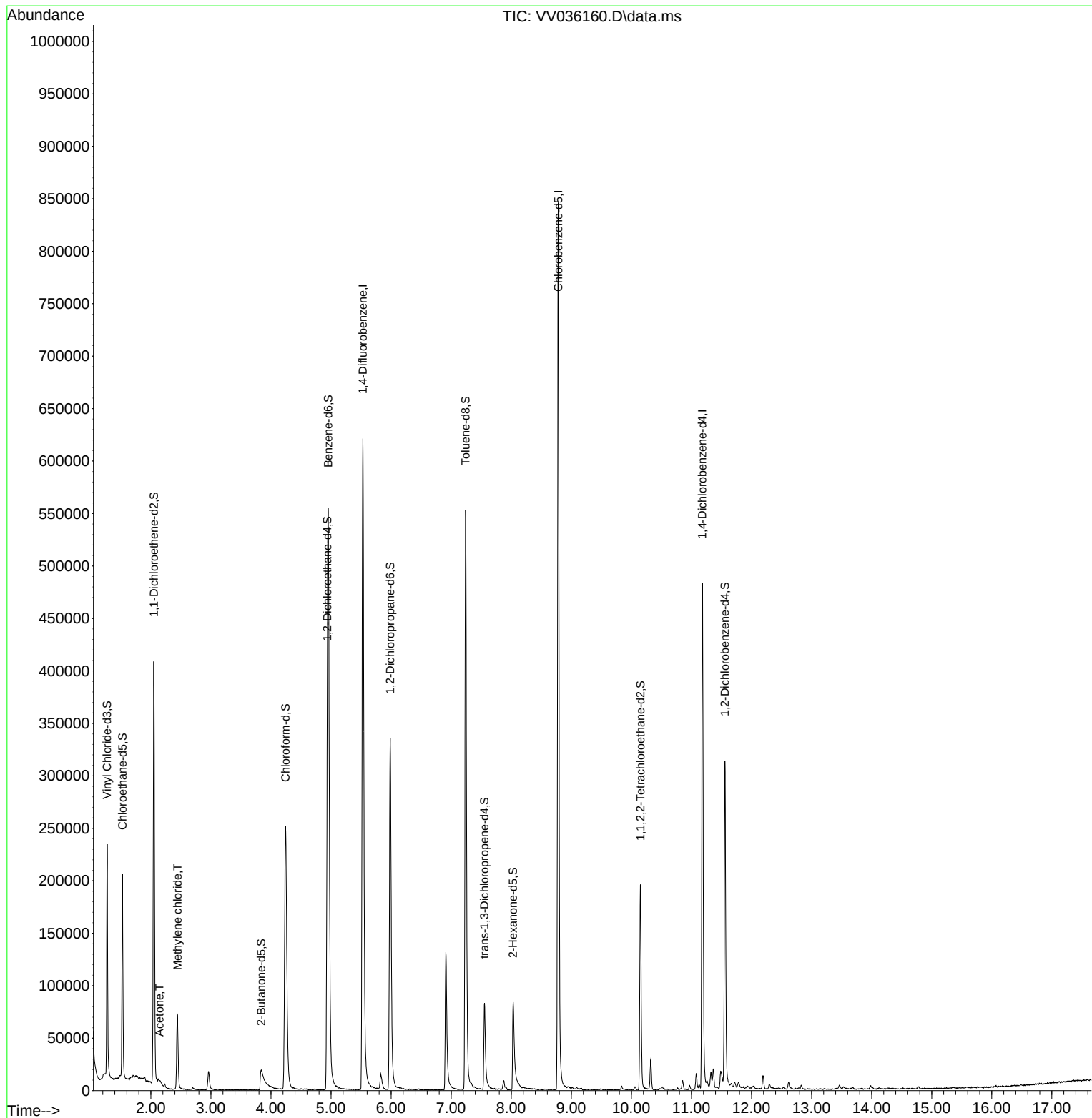
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV062024\  
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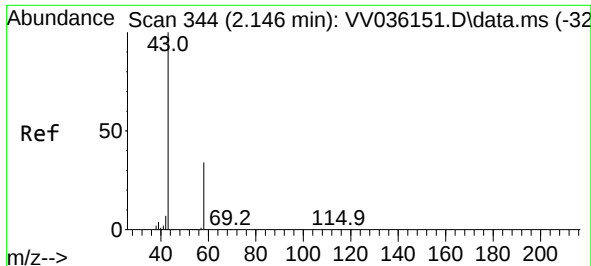
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Quant Title : VOC Analysis  
QLast Update : Thu Jun 20 05:02:48 2024  
Response via : Initial Calibration





#13

Acetone

Concen: 4.517 ug/L m

RT: 2.143 min Scan# 34

Delta R.T. -0.003 min

Lab File: VV036160.D

Acq: 20 Jun 2024 13:37

Instrument :

MSVOA\_V

ClientSampleId :

A4B43

Tgt Ion: 43 Resp: 16018

Ion Ratio Lower Upper

43 100

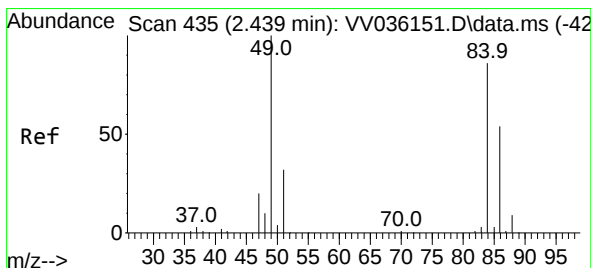
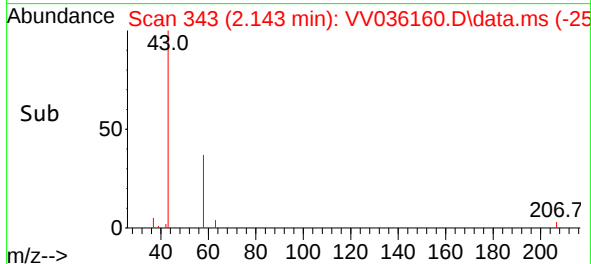
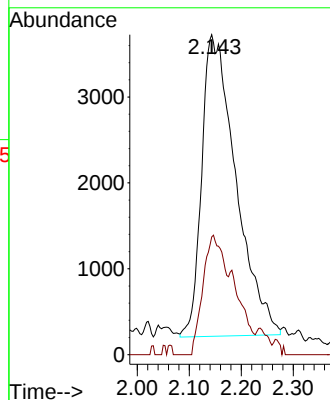
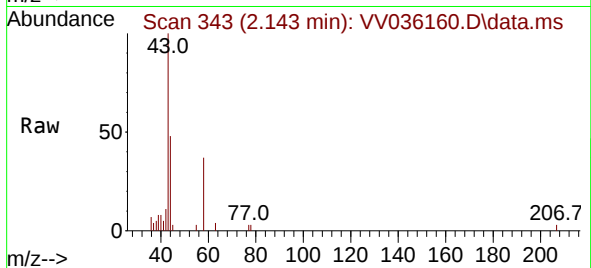
58 25.2 0.0 24.2

Manual Integrations

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#16

Methylene chloride

Concen: 2.565 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

Lab File: VV036160.D

Acq: 20 Jun 2024 13:37

Tgt Ion: 84 Resp: 31321

Ion Ratio Lower Upper

84 100

86 63.1 44.6 82.8

49 114.8 81.1 150.5

