

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU083022\  
 Data File : VU050535.D  
 Acq On : 30 Aug 2022 23:15  
 Operator : SY/MD  
 Sample : N4363-07ME  
 Misc : 5.64g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DBVW2ME

Manual Integrations  
 APPROVED

Reviewed By :Krupa Patel 08/31/2022  
 Supervised By :Mahesh Dadoda 08/31/2022

Quant Time: Aug 31 02:00:41 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM083022WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Aug 31 01:47:14 2022  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.247          | 114  | 662685     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.420          | 117  | 635845     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.816         | 152  | 244313     | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.594          | 65   | 229756m    | 45.205   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 90.400%  |        |          |
| 7) Chloroethane-d5            | 1.883          | 69   | 81369m     | 20.534   | ug/L   | -0.01    |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 41.060%# |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.533          | 63   | 302460     | 35.246   | ug/L   | -0.03    |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 70.500%  |        |          |
| 21) 2-Butanone-d5             | 4.639          | 46   | 394566     | 88.765   | ug/L   | 0.01     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 88.770%  |        |          |
| 24) Chloroform-d              | 5.060          | 84   | 421491     | 42.620   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 85.240%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.700          | 65   | 279897     | 43.571   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 87.140%  |        |          |
| 32) Benzene-d6                | 5.719          | 84   | 920186     | 46.692   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 93.380%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.690          | 67   | 300003     | 45.719   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 91.440%  |        |          |
| 41) Toluene-d8                | 7.899          | 98   | 791817     | 46.184   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 92.360%  |        |          |
| 43) trans-1,3-Dichloroprop... | 8.182          | 79   | 100235     | 37.982   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 75.960%  |        |          |
| 47) 2-Hexanone-d5             | 8.652          | 63   | 264823     | 111.463  | ug/L   | 0.02     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 111.460% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.764         | 84   | 439906     | 42.980   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 85.960%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.195         | 152  | 261796     | 49.493   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 98.980%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          | Qvalue |          |
| 46) Tetrachloroethene         | 8.552          | 164  | 10215      | 2.755    | ug/L   | 96       |
| -----                         |                |      |            |          |        |          |

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

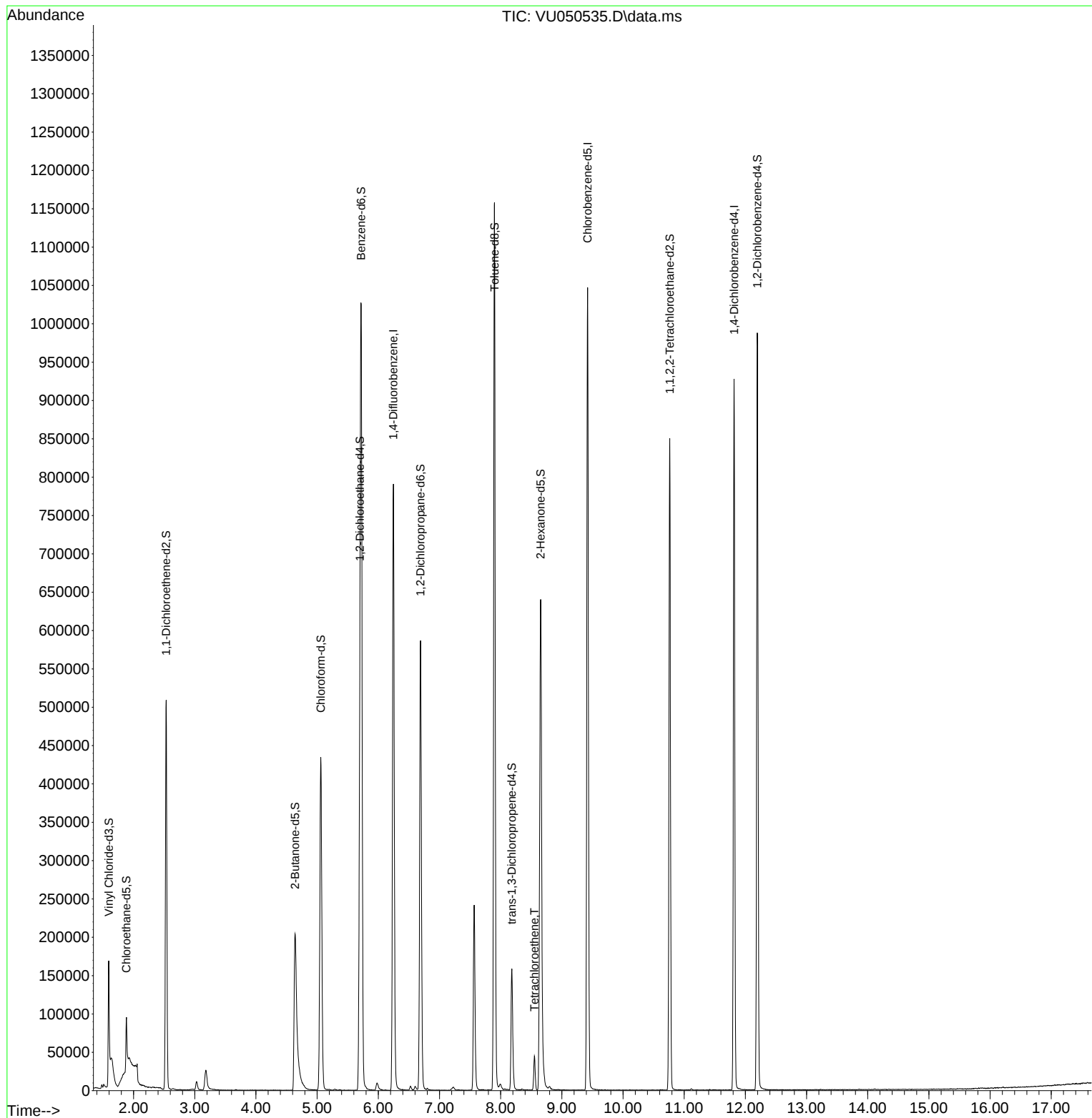
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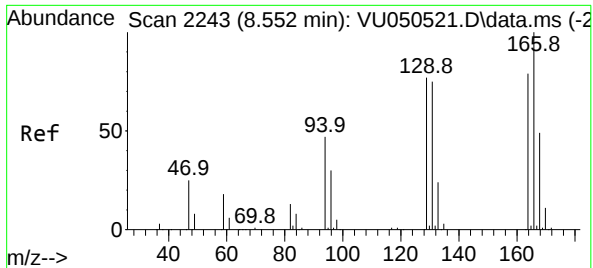
Instrument :  
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ClientSampleId :  
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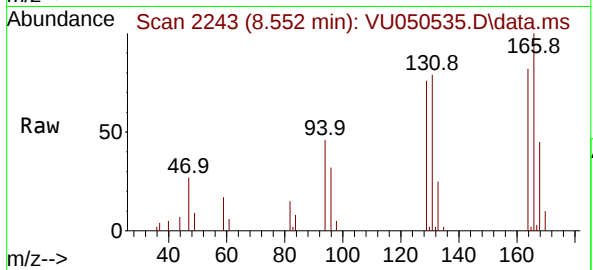
Reviewed By :Krupa Patel 08/31/2022  
Supervised By :Mahesh Dadoda 08/31/2022





#46  
 Tetrachloroethene  
 Concen: 2.755 ug/L  
 RT: 8.552 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VU050535.D  
 Acq: 30 Aug 2022 23:15

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DBVW2ME



Tgt Ion:164 Resp: 1021

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 92.8  | 67.5  | 125.3 |
| 131 | 96.5  | 63.8  | 118.4 |
| 166 | 122.3 | 87.2  | 161.9 |

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