

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU083122\  
 Data File : VU050561.D  
 Acq On : 31 Aug 2022 20:05  
 Operator : SY/MD  
 Sample : N4363-11ME  
 Misc : 5.26g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DBVW6ME

Manual Integrations  
 APPROVED

Reviewed By :Krupa Patel 09/01/2022  
 Supervised By :Mahesh Dadoda 09/01/2022

Quant Time: Sep 01 05:19:13 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM083022WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Sep 01 05:15:29 2022  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.247          | 114  | 249344     | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.420          | 117  | 234797     | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.816         | 152  | 86764      | 50.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.594          | 65   | 60864m     | 31.826   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 63.660%  |       |          |
| 7) Chloroethane-d5            | 1.890          | 69   | 33995m     | 22.800   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 45.600%# |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.530          | 63   | 94766      | 29.350   | ug/L  | -0.03    |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 58.700%# |       |          |
| 21) 2-Butanone-d5             | 4.649          | 46   | 121626     | 72.721   | ug/L  | 0.02     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 72.720%  |       |          |
| 24) Chloroform-d              | 5.060          | 84   | 150127     | 40.345   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 80.700%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.700          | 65   | 100446     | 41.557   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 83.120%  |       |          |
| 32) Benzene-d6                | 5.719          | 84   | 309460     | 42.524   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 85.040%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.690          | 67   | 100996     | 41.681   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 83.360%  |       |          |
| 41) Toluene-d8                | 7.896          | 98   | 260958     | 41.219   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 82.440%  |       |          |
| 43) trans-1,3-Dichloroprop... | 8.182          | 79   | 36670      | 37.629   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 75.260%  |       |          |
| 47) 2-Hexanone-d5             | 8.661          | 63   | 72503      | 82.640   | ug/L  | 0.03     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 82.640%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.764         | 84   | 138583     | 36.667   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 73.340%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.198         | 152  | 82063      | 43.685   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 87.380%  |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 46) Tetrachloroethene         | 8.552          | 164  | 13324      | 9.731    | ug/L  | 94       |
| -----                         |                |      |            |          |       |          |

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

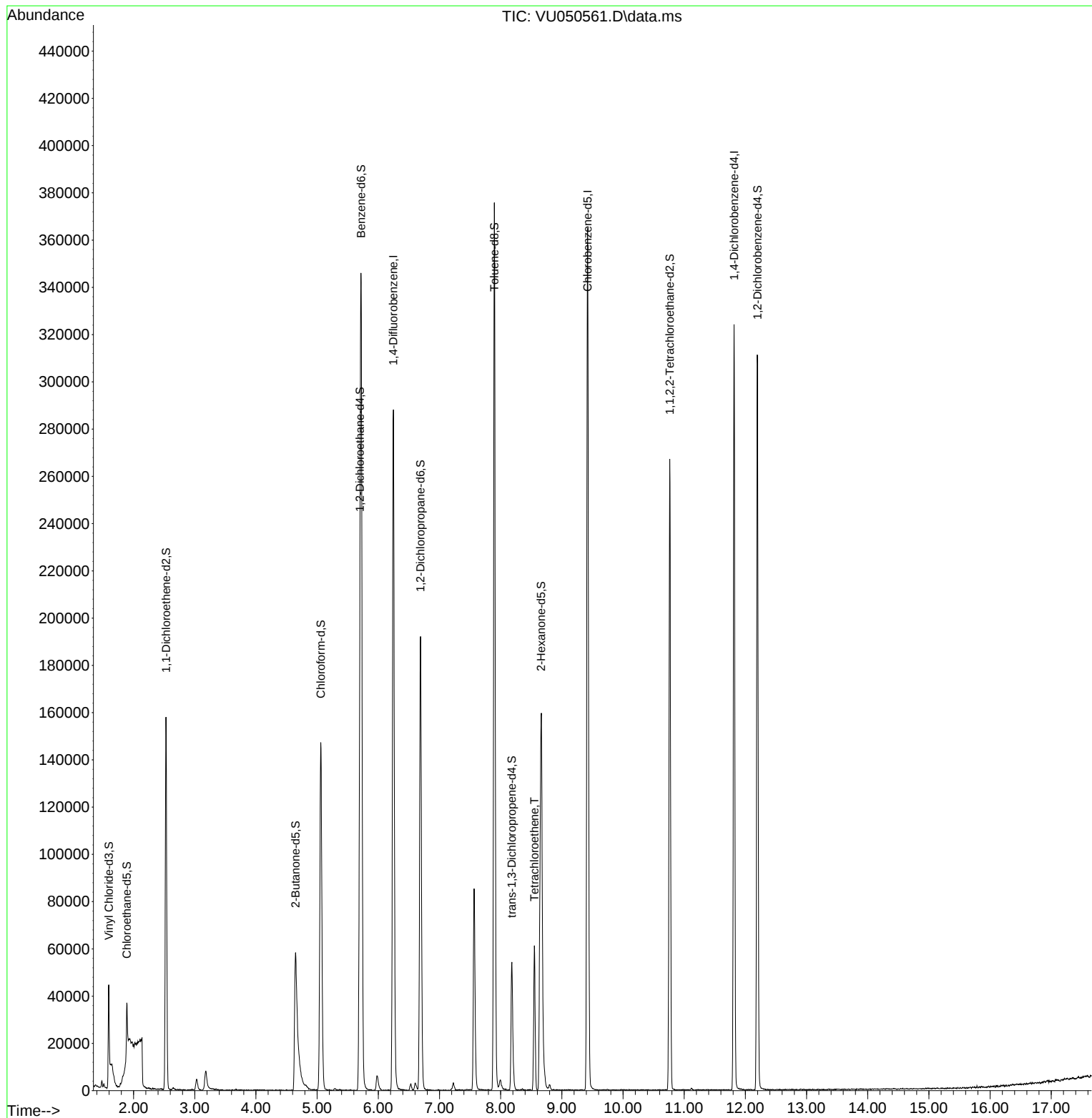
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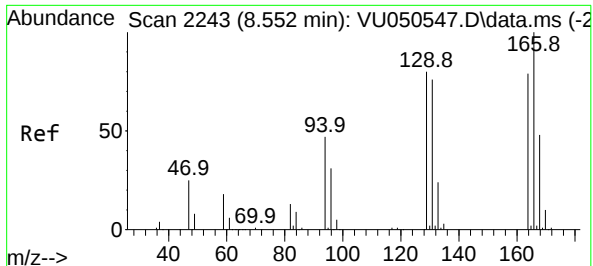
Instrument :  
MSVOA\_U  
ClientSampleId :  
DBVW6ME

Quant Time: Sep 01 05:19:13 2022  
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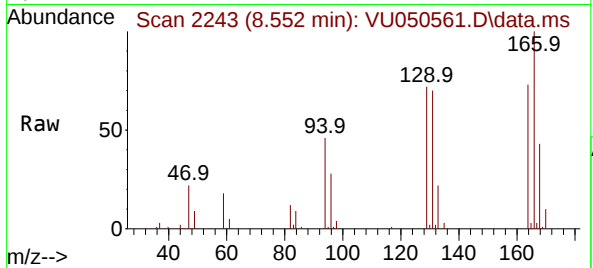
Reviewed By :Krupa Patel 09/01/2022  
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#46  
Tetrachloroethene  
Concen: 9.731 ug/L  
RT: 8.552 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU050561.D  
Acq: 31 Aug 2022 20:05

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|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:164 | Resp: | 13324       |
| Ion         | Ratio | Lower Upper |
| 164         | 100   |             |
| 129         | 97.9  | 67.5 125.3  |
| 131         | 95.2  | 63.8 118.4  |
| 166         | 136.3 | 87.2 161.9  |

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