

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU083122\  
 Data File : VU050555.D  
 Acq On : 31 Aug 2022 17:43  
 Operator : SY/MD  
 Sample : N4346-12ME  
 Misc : 5.38g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DBVV0ME

Manual Integrations  
 APPROVED

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

Quant Time: Sep 01 05:17:58 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  | 423947               | 50.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.420          | 117  | 374329               | 50.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.815         | 152  | 145072               | 50.000  | ug/L   | 0.00     |
|                               |                |      |                      |         |        |          |
| System Monitoring Compounds   |                |      |                      |         |        |          |
| 4) Vinyl Chloride-d3          | 1.594          | 65   | 180572m              | 55.535  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = 111.060%  |         |        |          |
| 7) Chloroethane-d5            | 1.883          | 69   | 61841m               | 24.394  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = 48.780%#  |         |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.526          | 63   | 243214               | 44.302  | ug/L   | -0.03    |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 88.600%   |         |        |          |
| 21) 2-Butanone-d5             | 4.642          | 46   | 313592               | 110.277 | ug/L   | 0.02     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = 110.280%  |         |        |          |
| 24) Chloroform-d              | 5.060          | 84   | 350415               | 55.386  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 110.780%  |         |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.700          | 65   | 230221               | 56.020  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 112.040%  |         |        |          |
| 32) Benzene-d6                | 5.719          | 84   | 742556               | 64.002  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 128.000%# |         |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.690          | 67   | 246872               | 63.906  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = 127.820%# |         |        |          |
| 41) Toluene-d8                | 7.896          | 98   | 633499               | 62.764  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 125.520%# |         |        |          |
| 43) trans-1,3-Dichloroprop... | 8.182          | 79   | 86637                | 55.764  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 111.520%  |         |        |          |
| 47) 2-Hexanone-d5             | 8.658          | 63   | 165829               | 118.558 | ug/L   | 0.02     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = 118.560%  |         |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.764         | 84   | 363253               | 60.286  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = 120.580%# |         |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.198         | 152  | 200020               | 63.682  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 127.360%# |         |        |          |
|                               |                |      |                      |         |        |          |
| Target Compounds              |                |      |                      |         | Qvalue |          |
| 46) Tetrachloroethene         | 8.552          | 164  | 6553                 | 3.002   | ug/L   | 98       |
| -----                         |                |      |                      |         |        |          |

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

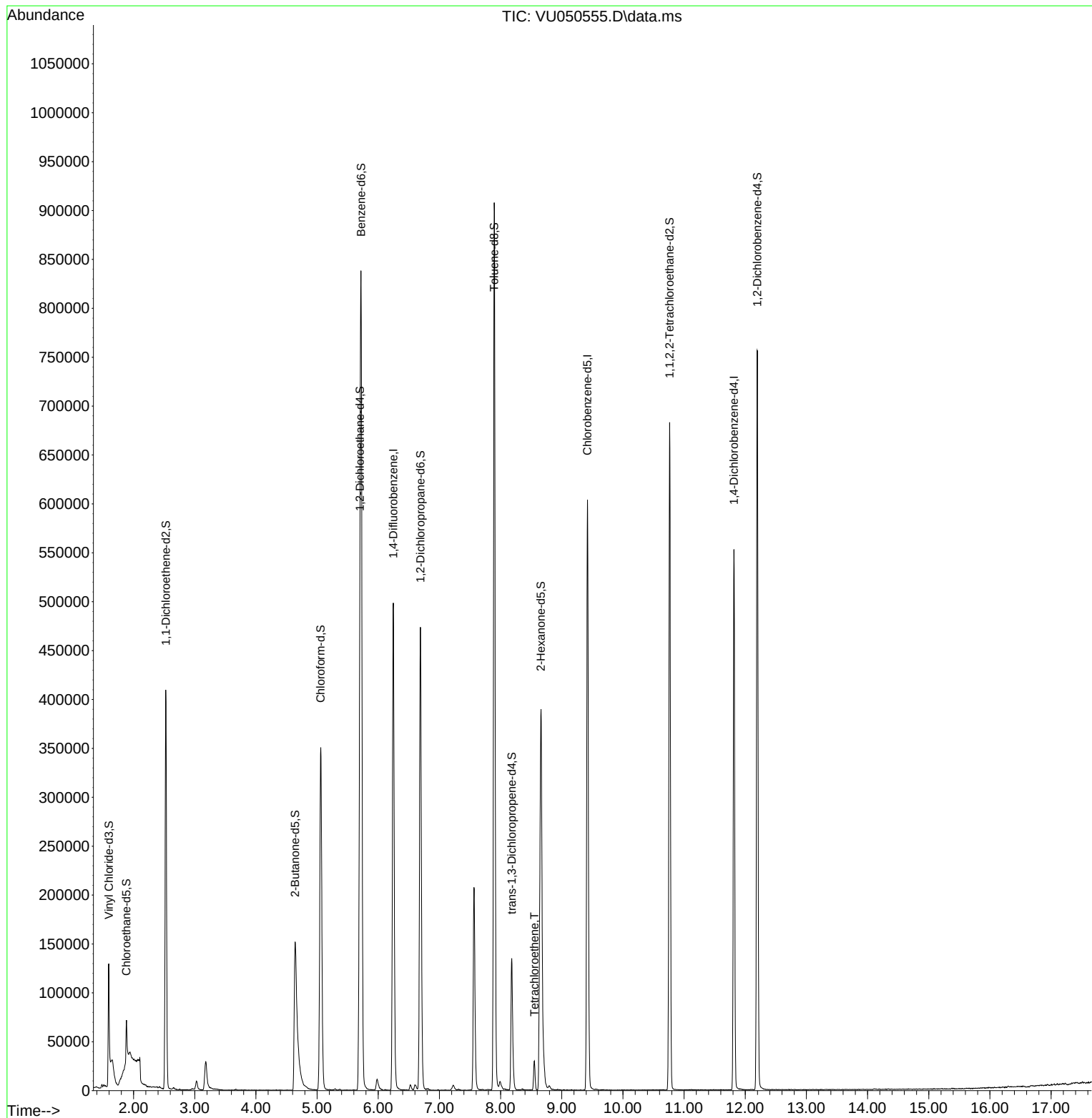
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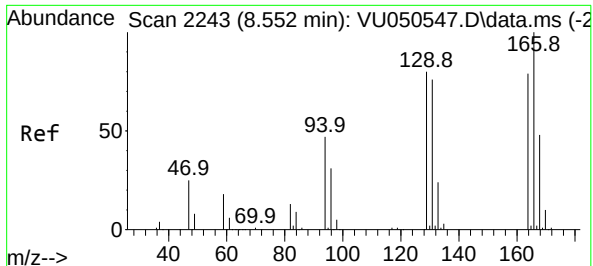
Instrument :  
MSVOA\_U  
ClientSampleId :  
DBVV0ME

Quant Time: Sep 01 05:17:58 2022  
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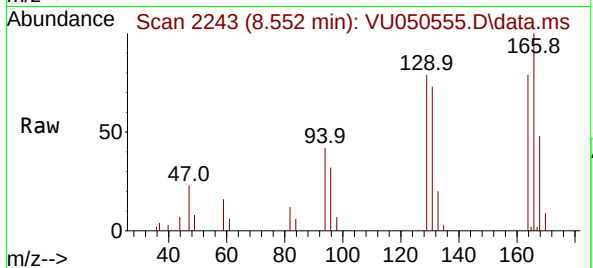
Reviewed By :Krupa Patel 09/01/2022  
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#46  
Tetrachloroethene  
Concen: 3.002 ug/L  
RT: 8.552 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU050555.D  
Acq: 31 Aug 2022 17:43

Instrument :  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 655   |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 99.4  | 67.5  | 125.3 |
| 131      | 92.6  | 63.8  | 118.4 |
| 166      | 126.1 | 87.2  | 161.9 |

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