

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU090122\  
 Data File : VU050589.D  
 Acq On : 01 Sep 2022 18:31  
 Operator : SY/MD  
 Sample : N4344-23ME 100X  
 Misc : 5.58g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DBVS0ME

Quant Time: Sep 02 02:11:05 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM083022WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Sep 02 02:07:32 2022  
 Response via : Initial Calibration

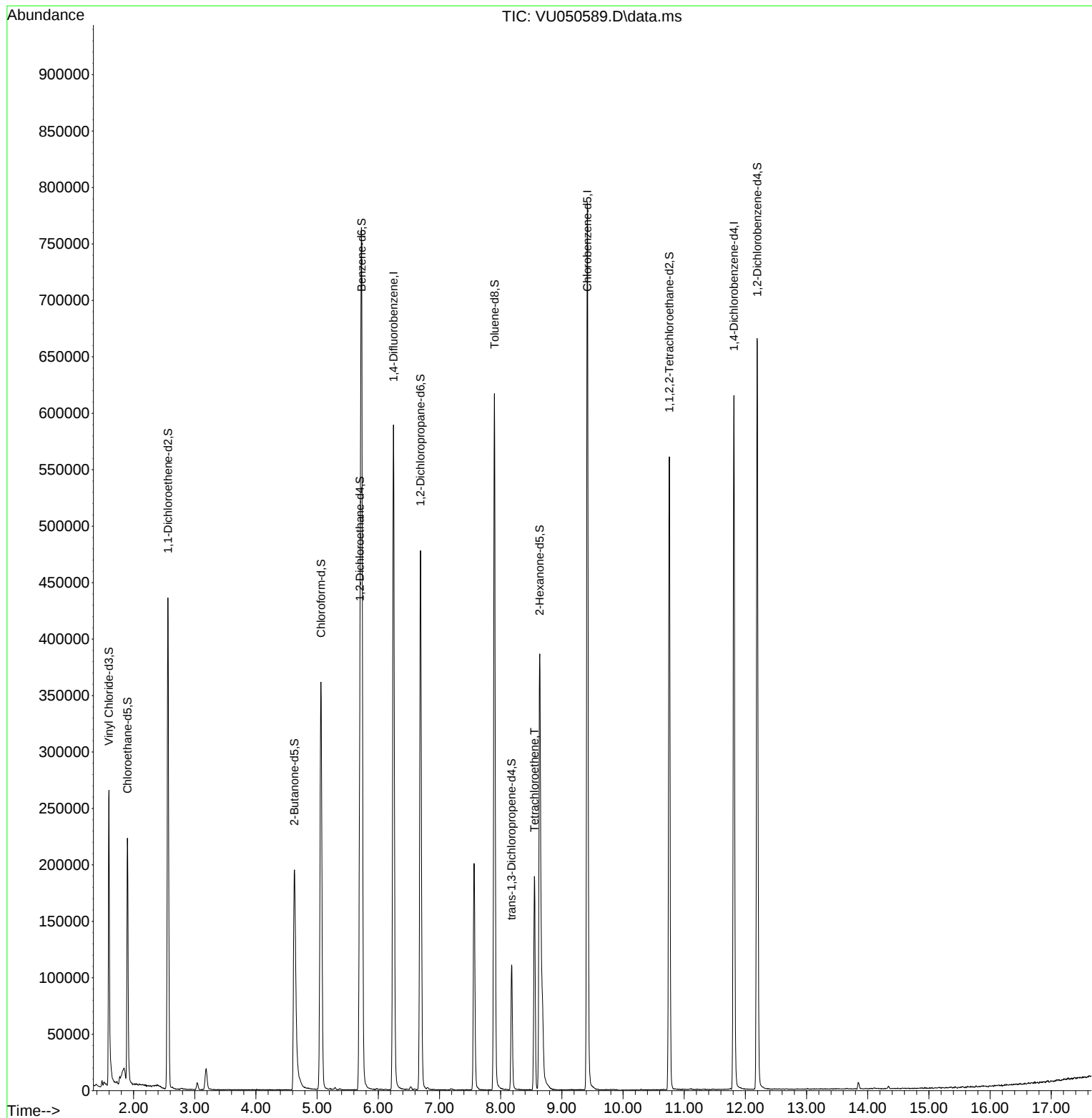
| Compound                      | R.T.           | QIon | Response            | Conc   | Units | Dev(Min) |
|-------------------------------|----------------|------|---------------------|--------|-------|----------|
| -----                         |                |      |                     |        |       |          |
| Internal Standards            |                |      |                     |        |       |          |
| 1) 1,4-Difluorobenzene        | 6.250          | 114  | 479642              | 50.000 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.417          | 117  | 436406              | 50.000 | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812         | 152  | 165650              | 50.000 | ug/L  | 0.00     |
|                               |                |      |                     |        |       |          |
| System Monitoring Compounds   |                |      |                     |        |       |          |
| 4) Vinyl Chloride-d3          | 1.597          | 65   | 220112              | 59.835 | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = 119.660% |        |       |          |
| 7) Chloroethane-d5            | 1.899          | 69   | 169977              | 59.265 | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = 118.540% |        |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.562          | 63   | 259398              | 41.764 | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 83.520%  |        |       |          |
| 21) 2-Butanone-d5             | 4.629          | 46   | 299428              | 93.069 | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = 93.070%  |        |       |          |
| 24) Chloroform-d              | 5.063          | 84   | 345799              | 48.310 | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 96.620%  |        |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.700          | 65   | 222406              | 47.834 | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 95.660%  |        |       |          |
| 32) Benzene-d6                | 5.726          | 84   | 707923              | 52.338 | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 104.680% |        |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.690          | 67   | 239379              | 53.152 | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = 106.300% |        |       |          |
| 41) Toluene-d8                | 7.899          | 98   | 419465              | 35.647 | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 71.300%# |        |       |          |
| 43) trans-1,3-Dichloroprop... | 8.179          | 79   | 65543               | 36.186 | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 72.380%  |        |       |          |
| 47) 2-Hexanone-d5             | 8.635          | 63   | 116497              | 71.441 | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = 71.440%  |        |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758         | 84   | 294011              | 41.853 | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = 83.700%  |        |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.195         | 152  | 178818              | 49.859 | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 99.720%  |        |       |          |
|                               |                |      |                     |        |       |          |
| Target Compounds              |                |      |                     |        |       | Qvalue   |
| 46) Tetrachloroethene         | 8.552          | 164  | 41530               | 16.319 | ug/L  | 98       |
| -----                         |                |      |                     |        |       |          |

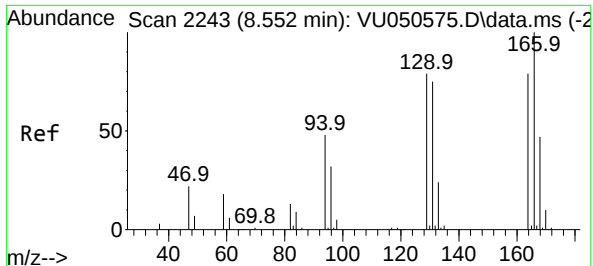
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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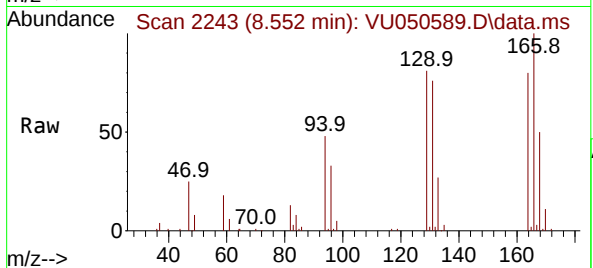
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Quant Title : VOC Analysis  
QLast Update : Fri Sep 02 02:07:32 2022  
Response via : Initial Calibration





#46  
 Tetrachloroethene  
 Concen: 16.319 ug/L  
 RT: 8.552 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VU050589.D  
 Acq: 01 Sep 2022 18:31

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DBVS0ME



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 41530 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 100.3 | 67.5  | 125.3 |
| 131      | 95.0  | 63.8  | 118.4 |
| 166      | 124.3 | 87.2  | 161.9 |

