

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV082021\  
 Data File : VV021915.D  
 Acq On : 20 Aug 2021 15:24  
 Operator : SY/MD  
 Sample : M3458-10ME  
 Misc : 6.82g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AS6ME

Manual Integrations  
 APPROVED

SAM  
 8/23/2021 10:52:31 AM

Quant Time: Aug 21 00:55:12 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM081621WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Aug 21 00:50:00 2021  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon           | Response | Conc    | Units    | Dev(Min) |
|-------------------------------|---------|----------------|----------|---------|----------|----------|
| -----                         |         |                |          |         |          |          |
| Internal Standards            |         |                |          |         |          |          |
| 1) 1,4-Difluorobenzene        | 5.613   | 114            | 434628   | 50.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.857   | 117            | 413579   | 50.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252  | 152            | 215049   | 50.000  | ug/L     | 0.00     |
|                               |         |                |          |         |          |          |
| System Monitoring Compounds   |         |                |          |         |          |          |
| 4) Vinyl Chloride-d3          | 1.301   | 65             | 111188   | 32.724  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 135 | Recovery | =       | 65.440%  |          |
| 7) Chloroethane-d5            | 1.529   | 69             | 28185    | 10.992  | ug/L     | -0.03    |
| Spiked Amount                 | 50.000  | Range 70 - 130 | Recovery | =       | 21.980%# |          |
| 11) 1,1-Dichloroethene-d2     | 2.072   | 63             | 139497   | 25.792  | ug/L     | -0.03    |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =       | 51.580%# |          |
| 21) 2-Butanone-d5             | 3.892   | 46             | 186111m  | 88.071  | ug/L     | 0.02     |
| Spiked Amount                 | 100.000 | Range 40 - 130 | Recovery | =       | 88.070%  |          |
| 24) Chloroform-d              | 4.346   | 84             | 226287   | 38.440  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 76.880%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.027   | 65             | 146397   | 43.234  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 86.460%  |          |
| 32) Benzene-d6                | 5.043   | 84             | 491393   | 41.318  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 82.640%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.069   | 67             | 155688   | 42.037  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 120 | Recovery | =       | 84.080%  |          |
| 41) Toluene-d8                | 7.317   | 98             | 448381   | 40.789  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =       | 81.580%  |          |
| 43) trans-1,3-Dichloroprop... | 7.625   | 79             | 70363    | 38.603  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =       | 77.200%  |          |
| 47) 2-Hexanone-d5             | 8.104   | 63             | 124541   | 102.599 | ug/L     | 0.02     |
| Spiked Amount                 | 100.000 | Range 45 - 130 | Recovery | =       | 102.600% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.223  | 84             | 222293   | 48.434  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 65 - 120 | Recovery | =       | 96.860%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.628  | 152            | 200018   | 44.943  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =       | 89.880%  |          |
|                               |         |                |          |         |          |          |
| Target Compounds              |         |                |          |         |          | Qvalue   |
| 16) Methylene chloride        | 2.490   | 84             | 7081     | 1.981   | ug/L     | 98       |
| -----                         |         |                |          |         |          |          |

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

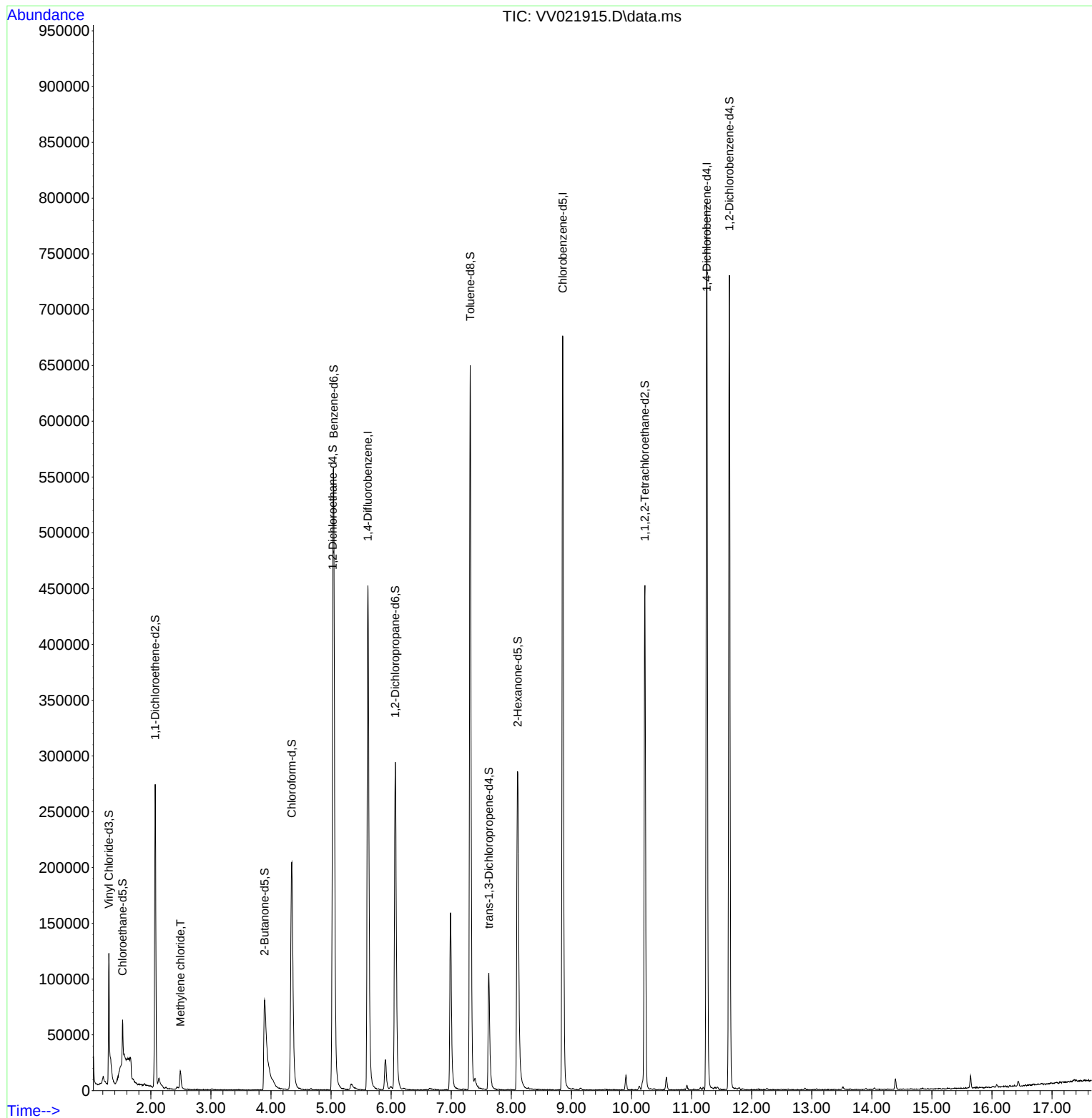
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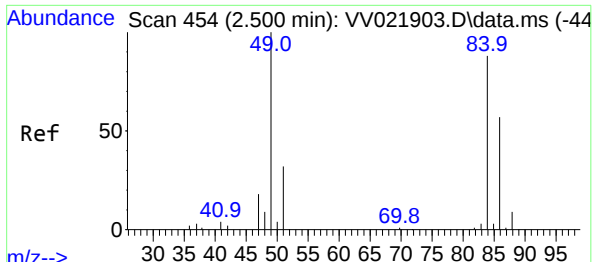
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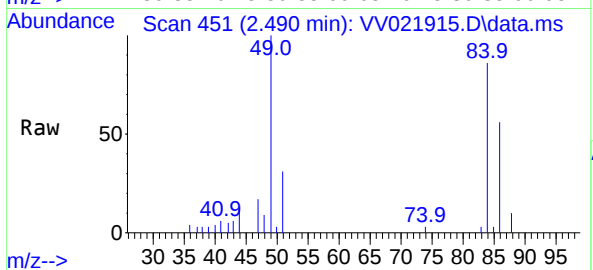
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Quant Title : VOC Analysis  
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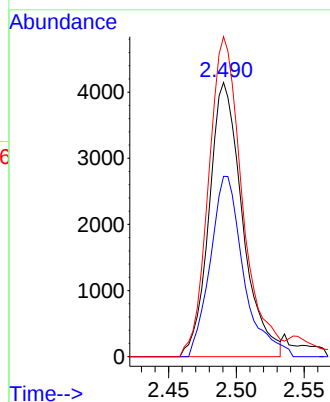
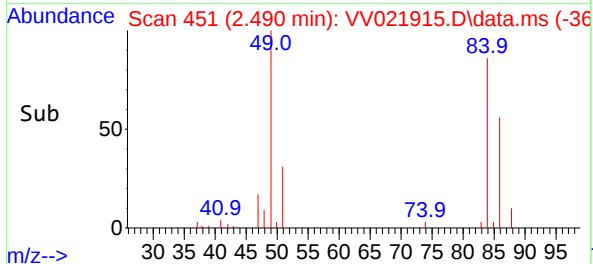




#16  
Methylene chloride  
Concen: 1.981 ug/L  
RT: 2.490 min Scan# 451  
Delta R.T. -0.010 min  
Lab File: VV021915.D  
Acq: 20 Aug 2021 15:24



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 7081  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 86       | 65.8  | 44.7  | 83.1  |
| 49       | 116.7 | 82.5  | 153.3 |



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