

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV082021\  
 Data File : VV021919.D  
 Acq On : 20 Aug 2021 17:24  
 Operator : SY/MD  
 Sample : M3458-16ME  
 Misc : 6.47g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AS2ME

Manual Integrations  
 APPROVED

SAM  
 8/23/2021 10:52:48 AM

Quant Time: Aug 21 00:56:00 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  | 429615     | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.854          | 117  | 409706     | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252         | 152  | 211764     | 50.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.301          | 65   | 118727     | 35.350   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 70.700%  |       |          |
| 7) Chloroethane-d5            | 1.529          | 69   | 25178      | 9.934    | ug/L  | -0.03    |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 19.860%# |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.069          | 63   | 138491     | 25.905   | ug/L  | -0.04    |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 51.800%# |       |          |
| 21) 2-Butanone-d5             | 3.892          | 46   | 140750m    | 67.382   | ug/L  | 0.02     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 67.380%  |       |          |
| 24) Chloroform-d              | 4.346          | 84   | 198598     | 34.130   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 68.260%# |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.027          | 65   | 126154     | 37.691   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 75.380%  |       |          |
| 32) Benzene-d6                | 5.040          | 84   | 440316     | 37.373   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 74.740%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.069          | 67   | 136494     | 37.203   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 74.400%  |       |          |
| 41) Toluene-d8                | 7.317          | 98   | 402447     | 36.957   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 73.920%# |       |          |
| 43) trans-1,3-Dichloroprop... | 7.625          | 79   | 59431      | 32.914   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 65.820%  |       |          |
| 47) 2-Hexanone-d5             | 8.104          | 63   | 101475     | 84.387   | ug/L  | 0.02     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 84.390%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.223         | 84   | 185049     | 40.700   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 81.400%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.628         | 152  | 170981     | 39.014   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 78.020%# |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 16) Methylene chloride        | 2.491          | 84   | 5989       | 1.695    | ug/L  | 92       |
| -----                         |                |      |            |          |       |          |

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

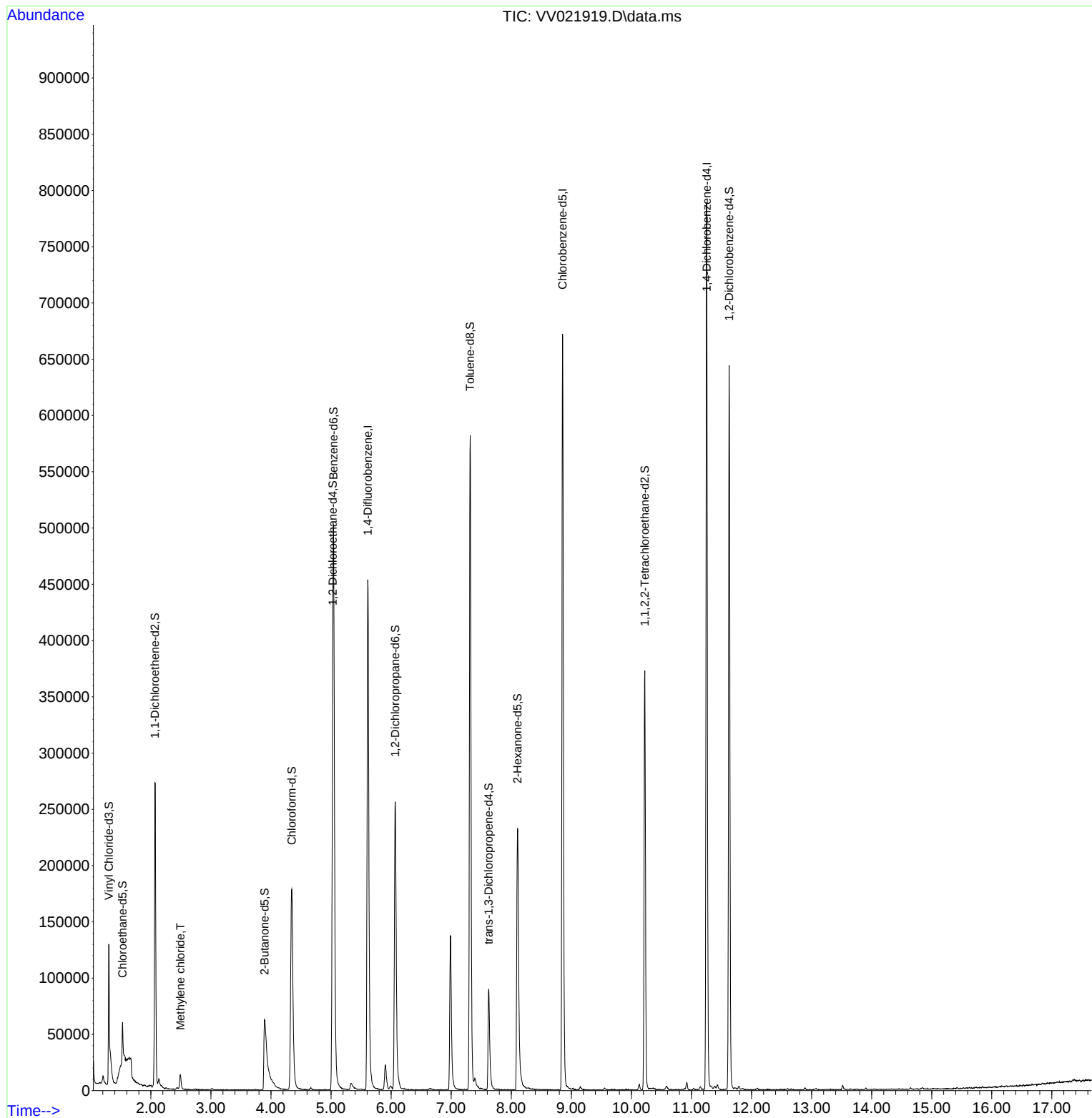
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV082021\  
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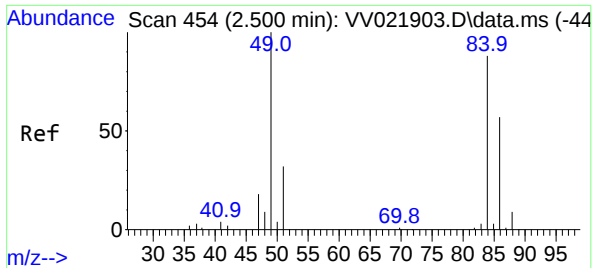
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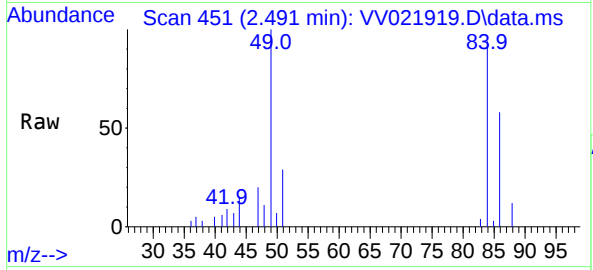
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Quant Time: Aug 21 00:56:00 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM081621WMA.M  
Quant Title : VOC Analysis  
QLast Update : Sat Aug 21 00:50:00 2021  
Response via : Initial Calibration

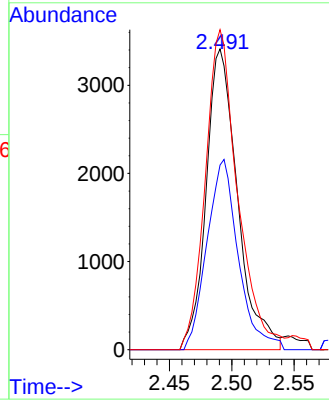
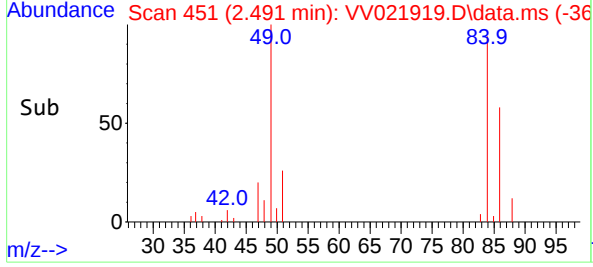




#16  
Methylene chloride  
Concen: 1.695 ug/L  
RT: 2.491 min Scan# 451  
Delta R.T. -0.009 min  
Lab File: VV021919.D  
Acq: 20 Aug 2021 17:24



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 5989  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 86       | 61.4  | 44.7  | 83.1  |
| 49       | 106.4 | 82.5  | 153.3 |



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