

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW011821\  
 Data File : VW017928.D  
 Acq On : 18 Jan 2021 15:08  
 Operator : SY/VA  
 Sample : VIBLK01  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VIBLK01

Manual Integrations  
 APPROVED

MMDadoda  
 1/20/2021 4:57:52 PM

Quant Time: Jan 19 06:56:48 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM011821S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jan 19 06:55:11 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 375355   | 25.00    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 342963   | 25.00    | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 169923   | 25.00    | ug/L  | 0.00     |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 2.349  | 65    | 134116   | 22.76    | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 91.04%   |
| 7) Chloroethane-d5            | 2.885  | 69    | 110179   | 22.65    | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 90.60%   |
| 10) 1,1-Dichloroethene-d2     | 4.019  | 63    | 175658   | 16.51    | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 66.04%   |
| 20) 2-Butanone-d5             | 7.086  | 46    | 53758    | 37.73    | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 75.46%   |
| 24) Chloroform-d              | 7.647  | 84    | 222624   | 21.74    | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 86.96%   |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 127724   | 22.05    | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 88.20%   |
| 29) Benzene-d6                | 8.275  | 84    | 445823   | 22.71    | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 90.84%   |
| 33) 1,2-Dichloropropane-d6    | 9.274  | 67    | 126206   | 22.59    | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 90.36%   |
| 37) Toluene-d8                | 10.323 | 98    | 419109   | 22.74    | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 90.96%   |
| 38) trans-1,3-Dichloroprop... | 10.579 | 79    | 52063    | 20.41    | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 81.64%   |
| 39) 2-Hexanone-d5             | 10.927 | 63    | 40588    | 40.53    | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 81.06%   |
| 48) 1,1,2,2-Tetrachloroeth... | 12.688 | 84    | 102865   | 20.71    | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 82.84%   |
| 61) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 137466   | 23.25    | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 93.00%   |
| Target Compounds              |        |       |          |          |       |          |
| 16) Methylene chloride        | 4.921  | 84    | 13346m   | 2.45     | ug/L  | Qvalue   |
| -----                         |        |       |          |          |       |          |

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

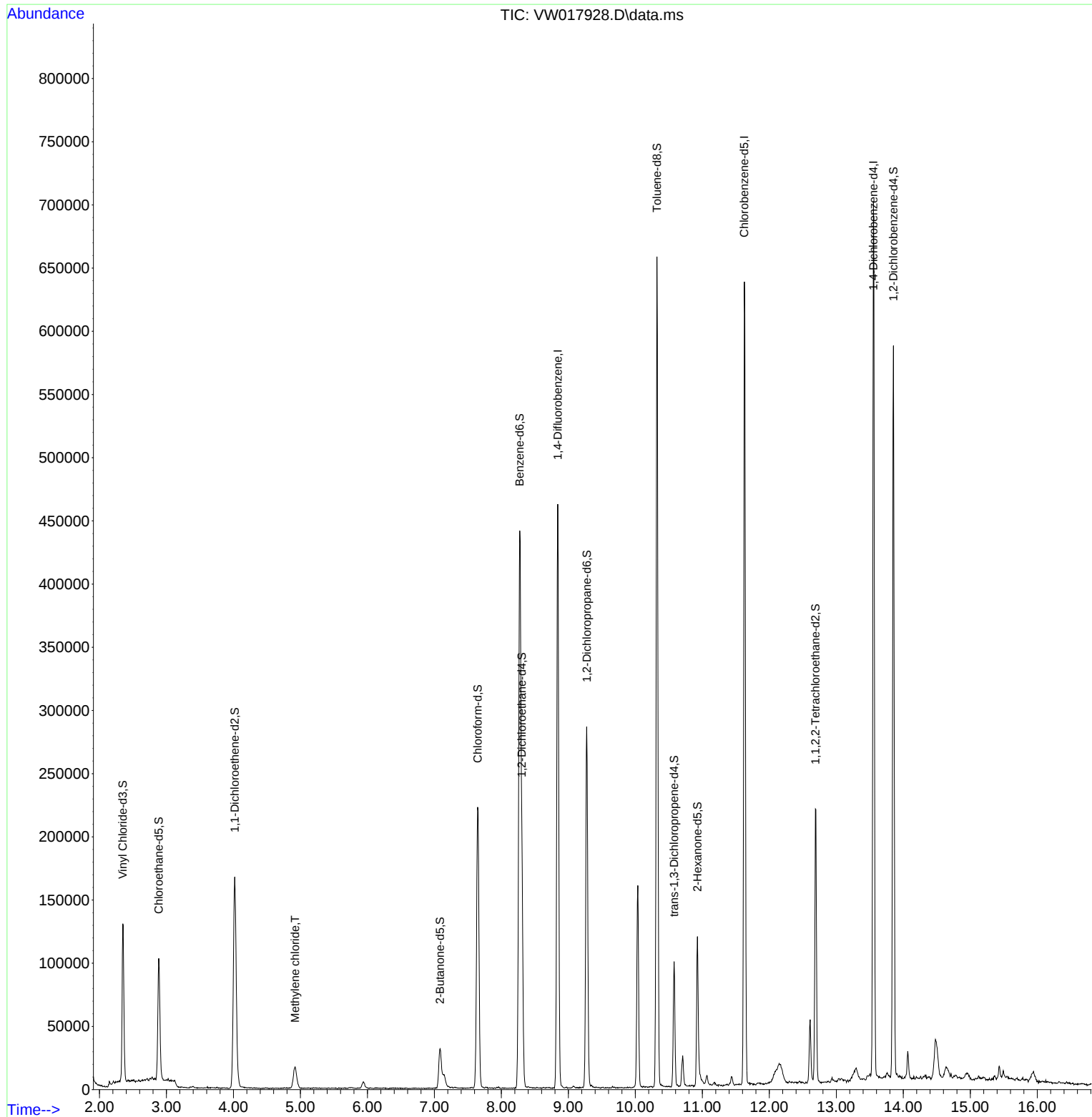
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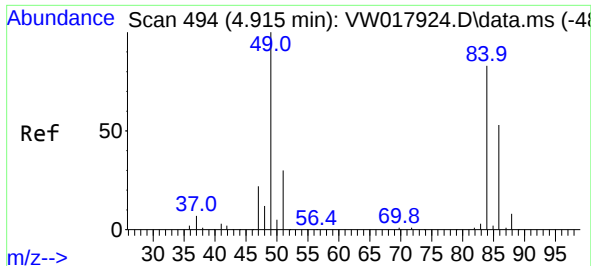
Instrument :  
MSVOA\_W  
ClientSampled :  
VIBLK01

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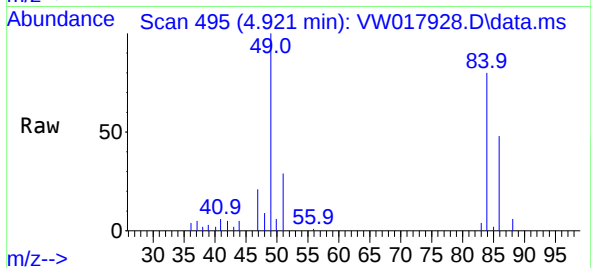
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Quant Title : VOC Analysis  
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Response via : Initial Calibration

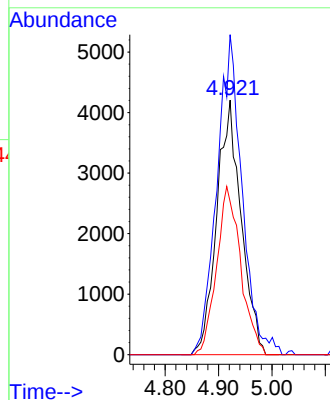
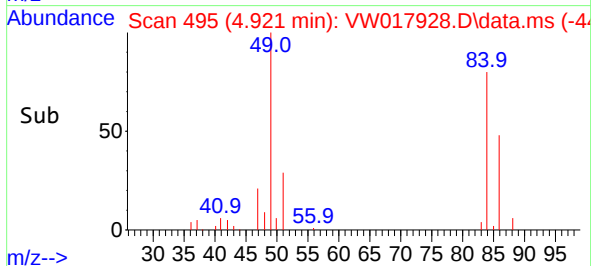




#16  
Methylene chloride  
Concen: 2.45 ug/L m  
RT: 4.921 min Scan# 495  
Delta R.T. 0.006 min  
Lab File: VW017928.D  
Acq: 18 Jan 2021 15:08



Tgt Ion: 84 Resp: 13346  
Ion Ratio Lower Upper  
84 100  
49 125.7 81.2 150.8  
86 60.1 44.5 82.7



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