

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW021821\  
 Data File : VW018205.D  
 Acq On : 18 Feb 2021 12:30  
 Operator : SY/VA  
 Sample : VIBLK24  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VIBLK24

Quant Time: Feb 18 13:37:35 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM012921S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Feb 18 06:15:22 2021  
 Response via : Initial Calibration

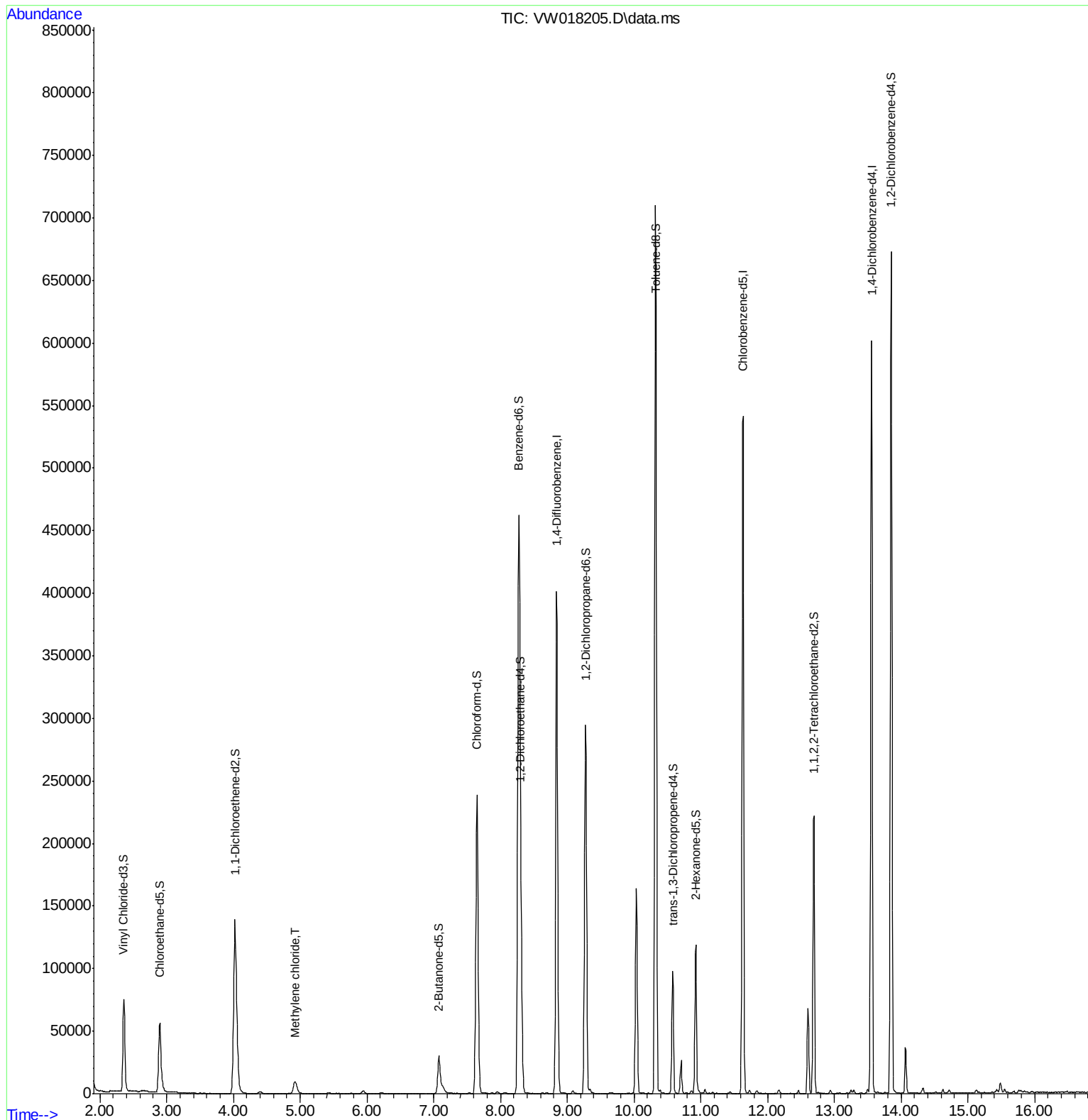
| Compound                      | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|-------|----------|
| -----                         |                |      |            |         |       |          |
| Internal Standards            |                |      |            |         |       |          |
| 1) 1,4-Difluorobenzene        | 8.841          | 114  | 366912     | 25.00   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.634         | 117  | 328789     | 25.00   | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 13.560         | 152  | 176610     | 25.00   | ug/L  | 0.00     |
|                               |                |      |            |         |       |          |
| System Monitoring Compounds   |                |      |            |         |       |          |
| 4) Vinyl Chloride-d3          | 2.355          | 65   | 94483      | 20.72   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 82.88%  |       |          |
| 7) Chloroethane-d5            | 2.897          | 69   | 82519      | 22.80   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 91.20%  |       |          |
| 10) 1,1-Dichloroethene-d2     | 4.025          | 63   | 156932     | 17.21   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 68.84%  |       |          |
| 20) 2-Butanone-d5             | 7.073          | 46   | 50075      | 41.15   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 82.30%  |       |          |
| 24) Chloroform-d              | 7.646          | 84   | 256294     | 26.62   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 106.48% |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 125191     | 24.41   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 97.64%  |       |          |
| 29) Benzene-d6                | 8.274          | 84   | 506394     | 28.05   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 112.20% |       |          |
| 33) 1,2-Dichloropropane-d6    | 9.274          | 67   | 140838     | 27.89   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 111.56% |       |          |
| 37) Toluene-d8                | 10.323         | 98   | 478879     | 27.88   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 111.52% |       |          |
| 38) trans-1,3-Dichloroprop... | 10.579         | 79   | 56528      | 24.70   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 98.80%  |       |          |
| 39) 2-Hexanone-d5             | 10.926         | 63   | 43717      | 45.29   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 90.58%  |       |          |
| 48) 1,1,2,2-Tetrachloroeth... | 12.688         | 84   | 110313     | 24.87   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 99.48%  |       |          |
| 61) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 182522     | 28.97   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 115.88% |       |          |
|                               |                |      |            |         |       |          |
| Target Compounds              |                |      |            |         |       | Qvalue   |
| 16) Methylene chloride        | 4.921          | 84   | 9637       | 1.64    | ug/L  | 85       |
| -----                         |                |      |            |         |       |          |

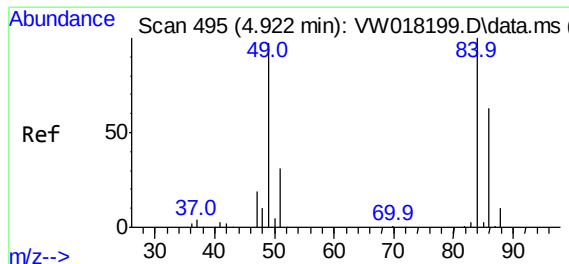
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Feb 18 06:15:22 2021  
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#16  
Methylene chloride  
Concen: 1.64 ug/L  
RT: 4.921 min Scan# 495  
Delta R.T. 0.012 min  
Lab File: VW018205.D  
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Tgt Ion: 84 Resp: 9637

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 95.9  | 81.2  | 150.8 |
| 86  | 57.3  | 44.5  | 82.7  |

