

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW031121\  
 Data File : VW018298.D  
 Acq On : 11 Mar 2021 14:44  
 Operator : SY/VA  
 Sample : VIBLK14  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VIBLK14

Manual Integrations  
 APPROVED

MMDadoda  
 3/15/2021 12:38:16 PM

Quant Time: Mar 12 00:28:30 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM030821S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Mar 12 00:26:52 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response           | Conc  | Units | Dev(Min) |
|-------------------------------|----------------|------|--------------------|-------|-------|----------|
| -----                         |                |      |                    |       |       |          |
| Internal Standards            |                |      |                    |       |       |          |
| 1) 1,4-Difluorobenzene        | 8.842          | 114  | 248898             | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.634         | 117  | 224775             | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 13.560         | 152  | 102361             | 25.00 | ug/L  | 0.00     |
|                               |                |      |                    |       |       |          |
| System Monitoring Compounds   |                |      |                    |       |       |          |
| 4) Vinyl Chloride-d3          | 2.361          | 65   | 66206              | 24.56 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = 98.24%  |       |       |          |
| 7) Chloroethane-d5            | 2.898          | 69   | 53924              | 24.64 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = 98.56%  |       |       |          |
| 10) 1,1-Dichloroethene-d2     | 4.019          | 63   | 114361             | 18.26 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = 73.04%  |       |       |          |
| 20) 2-Butanone-d5             | 7.086          | 46   | 27759              | 43.32 | ug/L  | 0.01     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = 86.64%  |       |       |          |
| 24) Chloroform-d              | 7.647          | 84   | 164560             | 24.40 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = 97.60%  |       |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 89005              | 23.98 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = 95.92%  |       |       |          |
| 29) Benzene-d6                | 8.275          | 84   | 302661             | 25.29 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = 101.16% |       |       |          |
| 33) 1,2-Dichloropropane-d6    | 9.274          | 67   | 82859              | 24.99 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = 99.96%  |       |       |          |
| 37) Toluene-d8                | 10.323         | 98   | 290614             | 25.17 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = 100.68% |       |       |          |
| 38) trans-1,3-Dichloroprop... | 10.579         | 79   | 37611              | 22.88 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = 91.52%  |       |       |          |
| 39) 2-Hexanone-d5             | 10.927         | 63   | 23757              | 43.07 | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = 86.14%  |       |       |          |
| 48) 1,1,2,2-Tetrachloroeth... | 12.695         | 84   | 64120              | 22.62 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = 90.48%  |       |       |          |
| 61) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 93893              | 25.24 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = 100.96% |       |       |          |
|                               |                |      |                    |       |       |          |
| Target Compounds              |                |      |                    |       |       | Qvalue   |
| 16) Methylene chloride        | 4.916          | 84   | 5555m              | 1.46  | ug/L  |          |
| -----                         |                |      |                    |       |       |          |

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

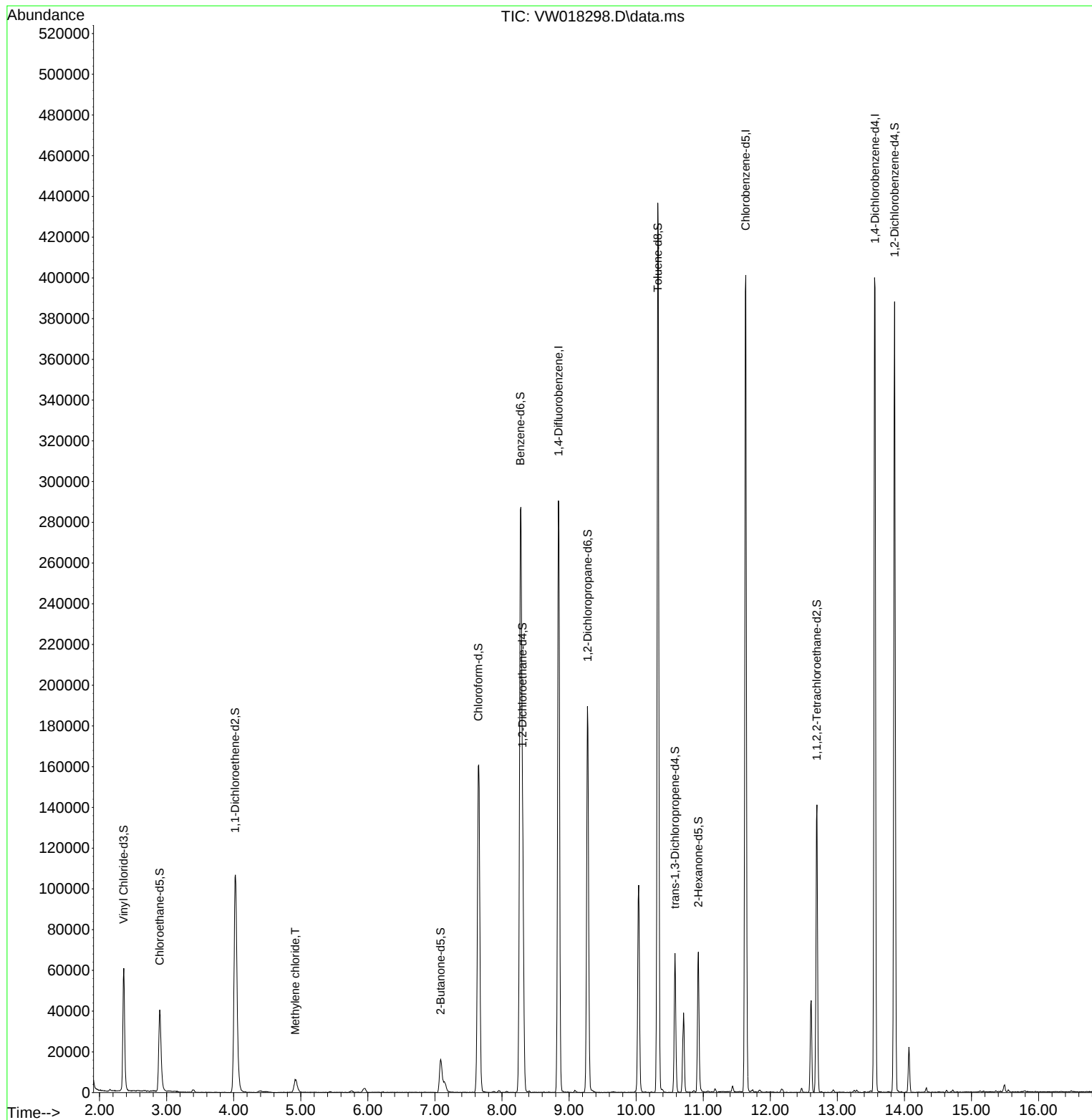
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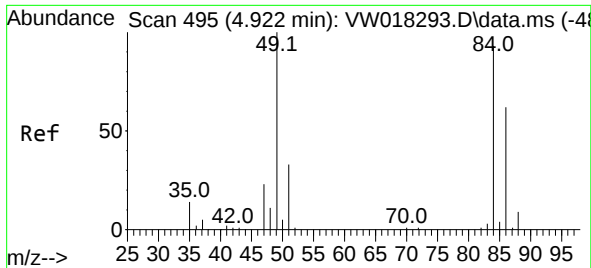
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#16  
Methylene chloride  
Concen: 1.46 ug/L m  
RT: 4.916 min Scan# 494  
Delta R.T. -0.006 min  
Lab File: VW018298.D  
Acq: 11 Mar 2021 14:44

Tgt Ion: 84 Resp: 5555

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 92.5  | 74.4  | 138.2 |
| 86  | 51.9  | 46.1  | 85.7  |

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