

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071321\  
 Data File : VW019462.D  
 Acq On : 13 Jul 2021 11:03  
 Operator : SY/VA  
 Sample : M2970-08  
 Misc : 5.02G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VHBLK001

Quant Time: Jul 14 02:26:26 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070921SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jul 14 02:25:50 2021  
 Response via : Initial Calibration

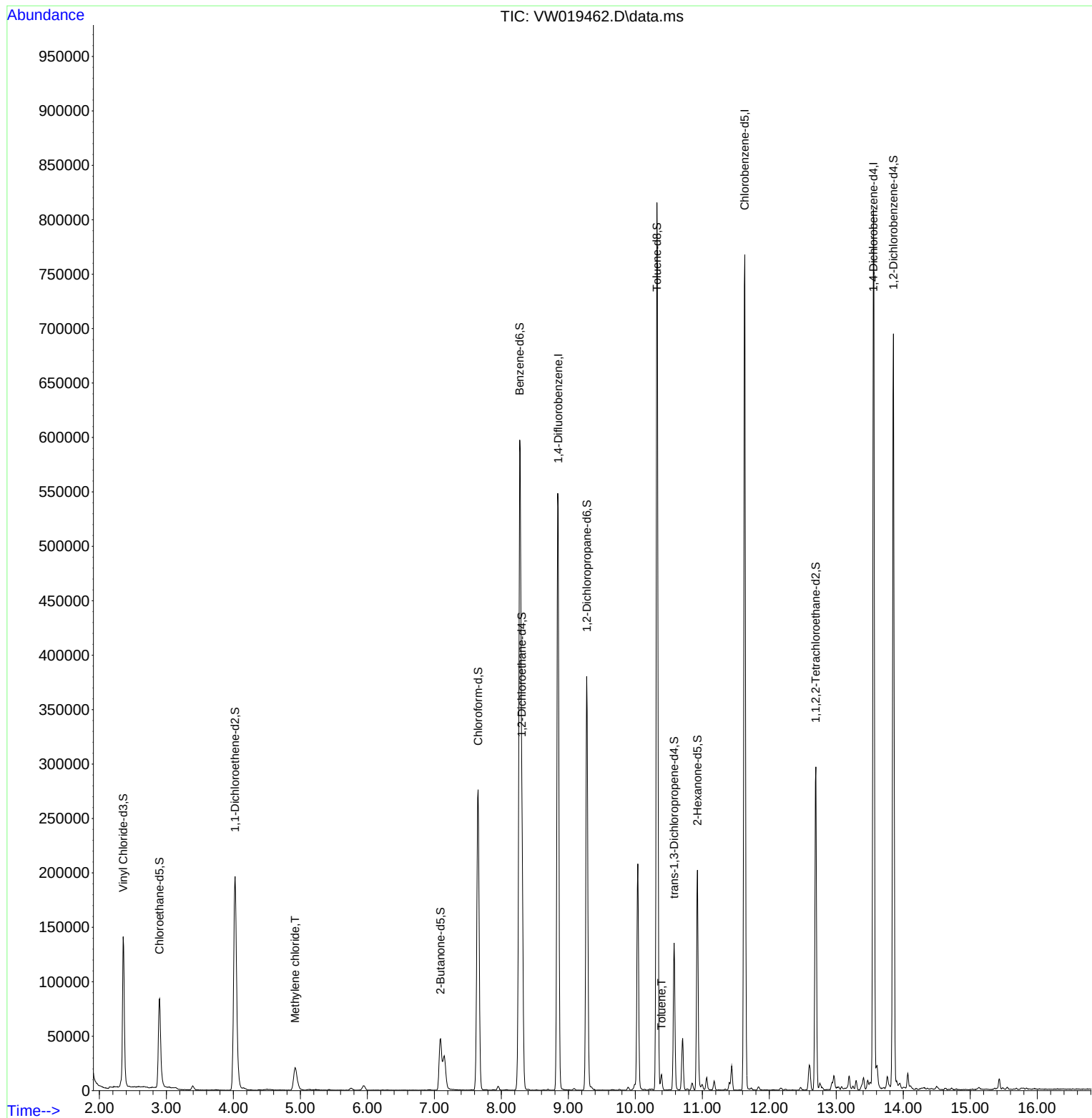
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.848  | 114   | 462832   | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 431415   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 209429   | 25.000   | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 2.355  | 65    | 162055   | 24.712   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 98.840%  |
| 7) Chloroethane-d5            | 2.898  | 69    | 111399   | 23.822   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 95.280%  |
| 11) 1,1-Dichloroethene-d2     | 4.026  | 63    | 224377   | 17.733   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 70.920%  |
| 21) 2-Butanone-d5             | 7.092  | 46    | 87654    | 46.053   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 92.100%  |
| 24) Chloroform-d              | 7.653  | 84    | 287150   | 22.454   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 89.800%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 162523   | 23.158   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 92.640%  |
| 32) Benzene-d6                | 8.275  | 84    | 603381   | 23.496   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 94.000%  |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67    | 184004   | 22.989   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 91.960%  |
| 41) Toluene-d8                | 10.323 | 98    | 537774   | 23.226   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 92.920%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 78750    | 22.974   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 91.880%  |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 69436    | 46.759   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 93.520%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84    | 153018   | 23.659   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 94.640%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 176175   | 23.842   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 95.360%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 16) Methylene chloride        | 4.922  | 84    | 18222    | 1.975    | ug/L  | 98       |
| 42) Toluene                   | 10.390 | 91    | 9730     | 0.346    | ug/L  | 97       |
| -----                         |        |       |          |          |       |          |

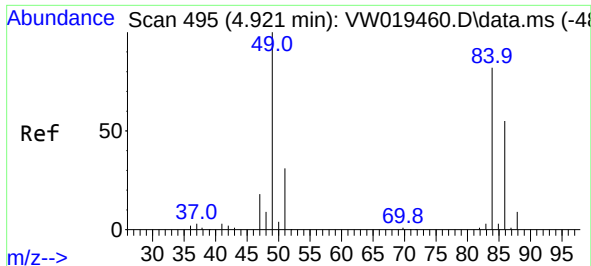
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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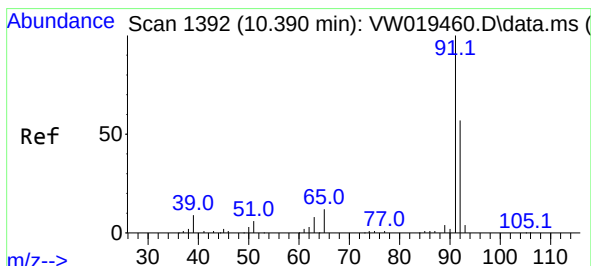
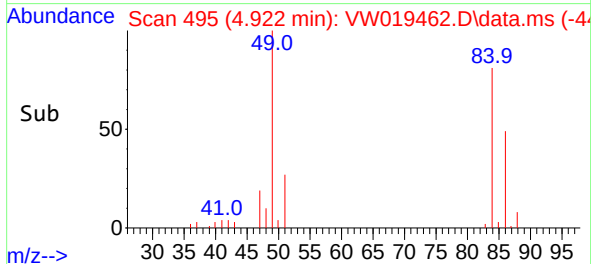
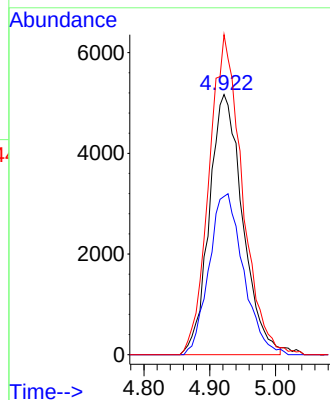
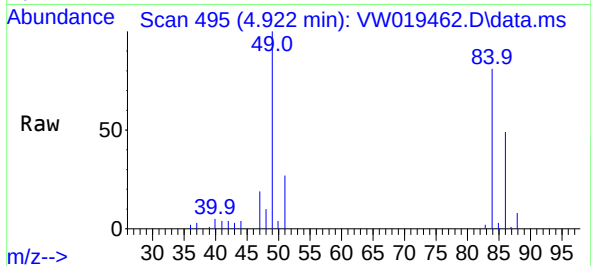


#16  
Methylene chloride  
Concen: 1.975 ug/L  
RT: 4.922 min Scan# 495  
Delta R.T. 0.000 min  
Lab File: VW019462.D  
Acq: 13 Jul 2021 11:03

Instrument :  
MSVOA\_W  
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VHBLK001

Tgt Ion: 84 Resp: 18222

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 86  | 60.8  | 45.3  | 84.1  |
| 49  | 123.0 | 86.6  | 160.8 |



#42  
Toluene  
Concen: 0.346 ug/L  
RT: 10.390 min Scan# 1392  
Delta R.T. 0.000 min  
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Tgt Ion: 91 Resp: 9730

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 58.9  | 39.5  | 73.3  |

