

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW060721\  
 Data File : VW019145.D  
 Acq On : 07 Jun 2021 13:00  
 Operator : SY/VA  
 Sample : VIBLK127  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VIBLK127

Quant Time: Jun 08 01:24:02 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM060221SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue Jun 08 01:22:15 2021  
 Response via : Initial Calibration

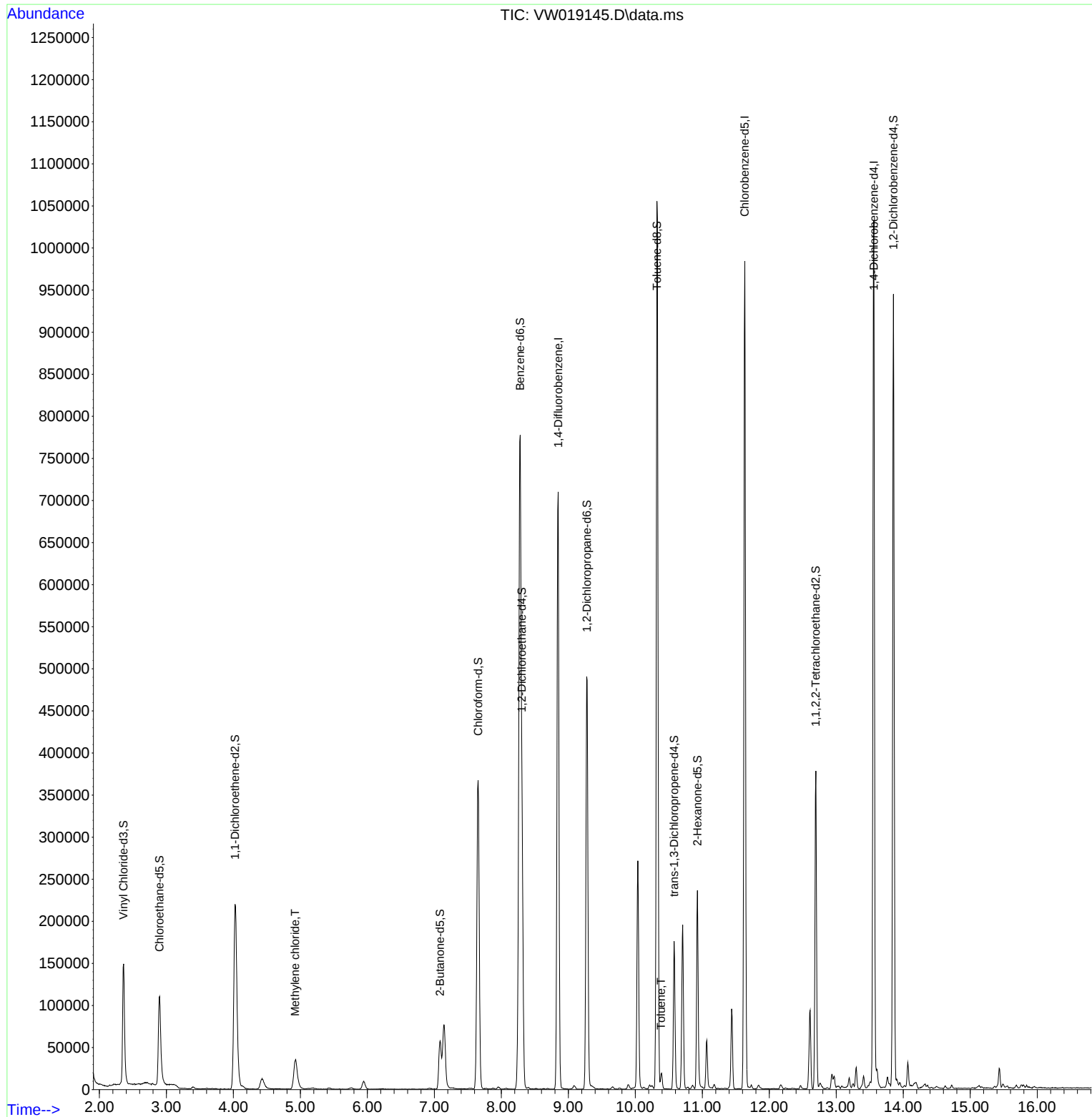
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 8.848  | 114            | 592845   | 25.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117            | 536007   | 25.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152            | 266521   | 25.000 | ug/L     | 0.00     |
|                               |        |                |          |        |          |          |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 2.361  | 65             | 177635   | 22.659 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | =      | 90.640%  |          |
| 7) Chloroethane-d5            | 2.898  | 69             | 149941   | 22.457 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | =      | 89.840%  |          |
| 11) 1,1-Dichloroethene-d2     | 4.025  | 63             | 258391   | 16.590 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 110 | Recovery | =      | 66.360%  |          |
| 21) 2-Butanone-d5             | 7.086  | 46             | 98119    | 47.782 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | =      | 95.560%  |          |
| 24) Chloroform-d              | 7.653  | 84             | 378680   | 23.759 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 40 - 150 | Recovery | =      | 95.040%  |          |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65             | 213046   | 23.830 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 130 | Recovery | =      | 95.320%  |          |
| 32) Benzene-d6                | 8.281  | 84             | 771487   | 25.263 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 20 - 135 | Recovery | =      | 101.040% |          |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67             | 232009   | 25.060 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 120 | Recovery | =      | 100.240% |          |
| 41) Toluene-d8                | 10.323 | 98             | 696193   | 24.823 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 130 | Recovery | =      | 99.280%  |          |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79             | 94996    | 23.692 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 135 | Recovery | =      | 94.760%  |          |
| 47) 2-Hexanone-d5             | 10.927 | 63             | 81628    | 51.995 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | =      | 103.980% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84             | 185056   | 24.232 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 120 | Recovery | =      | 96.920%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152            | 232714   | 25.016 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 75 - 120 | Recovery | =      | 100.080% |          |
|                               |        |                |          |        |          |          |
| Target Compounds              |        |                |          |        |          | Qvalue   |
| 16) Methylene chloride        | 4.922  | 84             | 32471    | 2.952  | ug/L     | 85       |
| 42) Toluene                   | 10.384 | 91             | 12995    | 0.343  | ug/L     | 97       |
| -----                         |        |                |          |        |          |          |

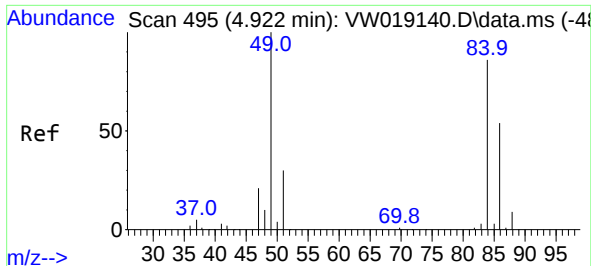
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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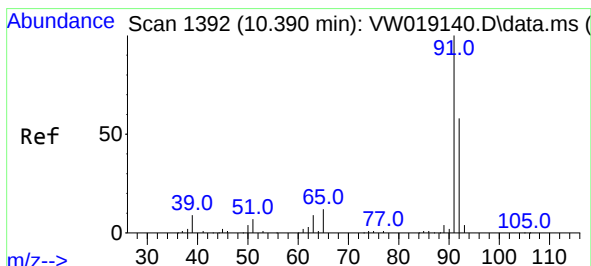
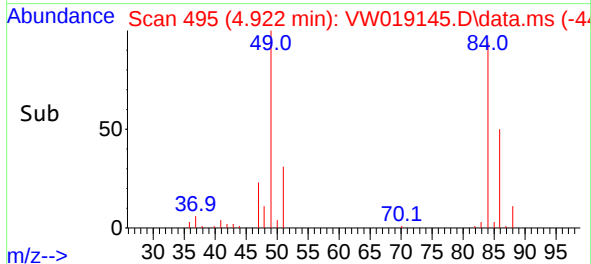
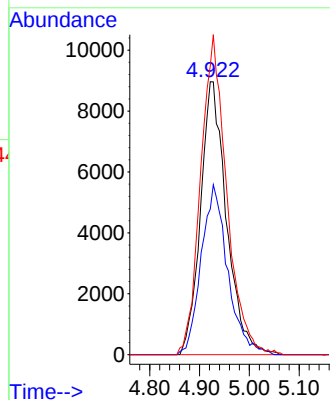
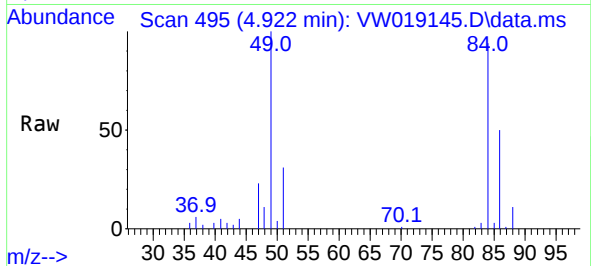




#16  
Methylene chloride  
Concen: 2.952 ug/L  
RT: 4.922 min Scan# 495  
Delta R.T. -0.000 min  
Lab File: VW019145.D  
Acq: 07 Jun 2021 13:00

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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 32471 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 86       | 53.4  | 45.3  | 84.1  |
| 49       | 105.8 | 86.6  | 160.8 |



#42  
Toluene  
Concen: 0.343 ug/L  
RT: 10.384 min Scan# 1391  
Delta R.T. -0.006 min  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 12995 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 58.7  | 39.5  | 73.3  |

