

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW050721\  
 Data File : VW018957.D  
 Acq On : 07 May 2021 15:08  
 Operator : SY/VA  
 Sample : M2272-18  
 Misc : 4.60G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EW6D5

Quant Time: May 07 23:30:35 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM042921SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri May 07 23:29:08 2021  
 Response via : Initial Calibration

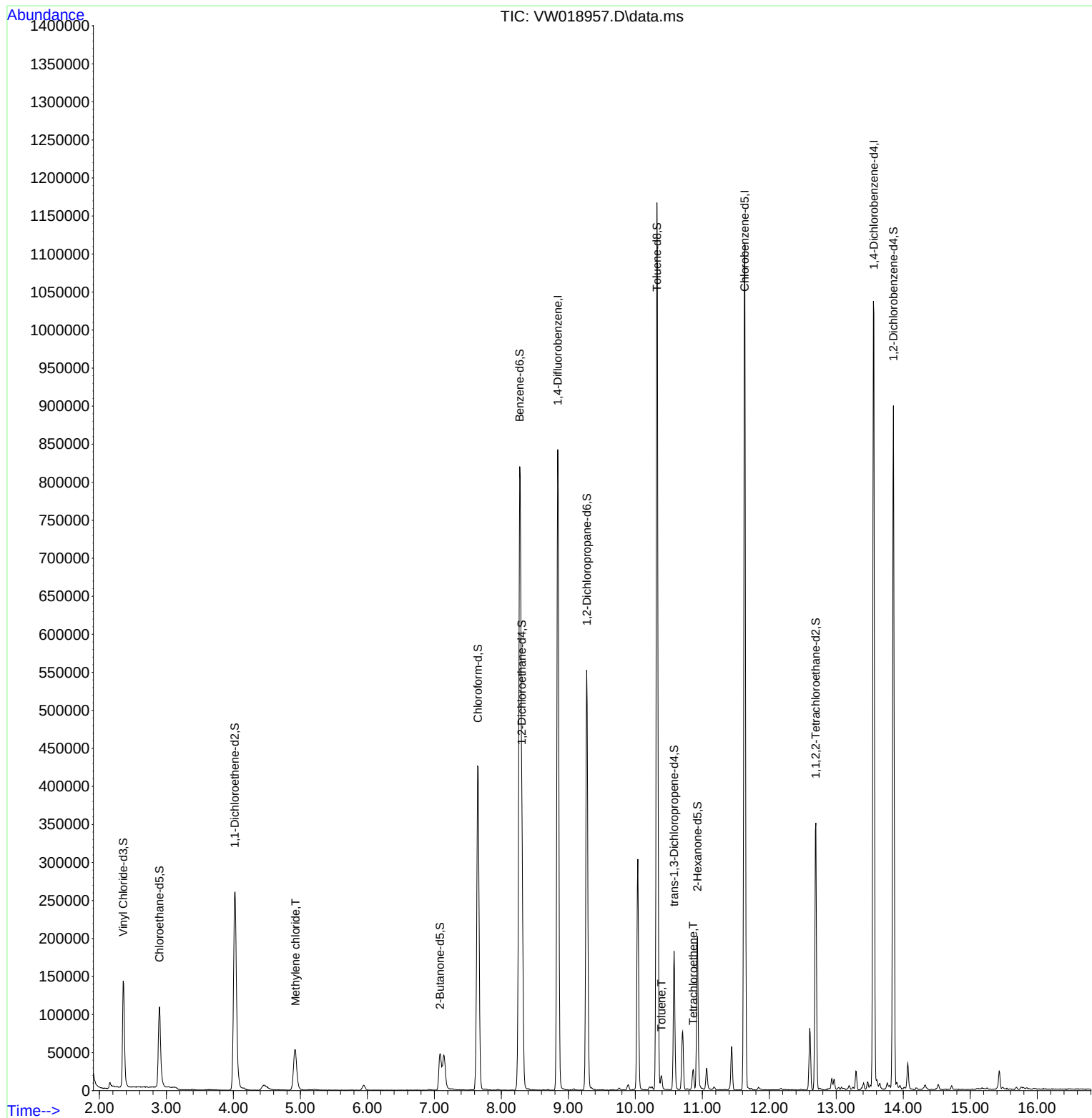
| Compound                      | R.T.           | QIon | Response   | Conc   | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|--------|-------|----------|
| -----                         |                |      |            |        |       |          |
| Internal Standards            |                |      |            |        |       |          |
| 1) 1,4-Difluorobenzene        | 8.842          | 114  | 670279     | 25.00  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.634         | 117  | 591994     | 25.00  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560         | 152  | 253346     | 25.00  | ug/L  | 0.00     |
|                               |                |      |            |        |       |          |
| System Monitoring Compounds   |                |      |            |        |       |          |
| 4) Vinyl Chloride-d3          | 2.355          | 65   | 170118     | 19.78  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 79.12% |       |          |
| 7) Chloroethane-d5            | 2.898          | 69   | 138250     | 20.75  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 83.00% |       |          |
| 11) 1,1-Dichloroethene-d2     | 4.019          | 63   | 296269     | 17.35  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 69.40% |       |          |
| 21) 2-Butanone-d5             | 7.086          | 46   | 86936      | 38.82  | ug/L  | 0.01     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 77.64% |       |          |
| 24) Chloroform-d              | 7.653          | 84   | 423238     | 24.06  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 96.24% |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 238882     | 24.31  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 97.24% |       |          |
| 32) Benzene-d6                | 8.275          | 84   | 810580     | 24.23  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 96.92% |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.274          | 67   | 242280     | 24.42  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 97.68% |       |          |
| 41) Toluene-d8                | 10.323         | 98   | 744481     | 23.87  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 95.48% |       |          |
| 43) trans-1,3-Dichloroprop... | 10.579         | 79   | 96530      | 21.41  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 85.64% |       |          |
| 47) 2-Hexanone-d5             | 10.927         | 63   | 70325      | 39.58  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 79.16% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695         | 84   | 169133     | 20.11  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 80.44% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 213827     | 24.63  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 98.52% |       |          |
|                               |                |      |            |        |       |          |
| Target Compounds              |                |      |            |        |       | Qvalue   |
| 16) Methylene chloride        | 4.928          | 84   | 46132      | 4.16   | ug/L  | 89       |
| 42) Toluene                   | 10.390         | 91   | 12212      | 0.31   | ug/L  | 98       |
| 46) Tetrachloroethene         | 10.866         | 164  | 5564       | 0.78   | ug/L  | 93       |
| -----                         |                |      |            |        |       |          |

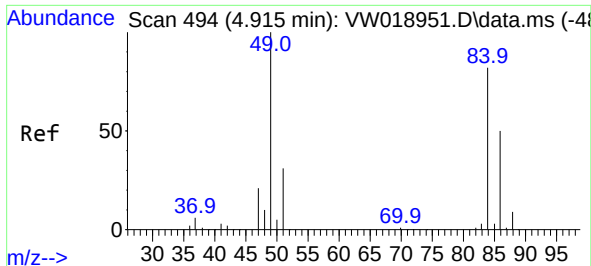
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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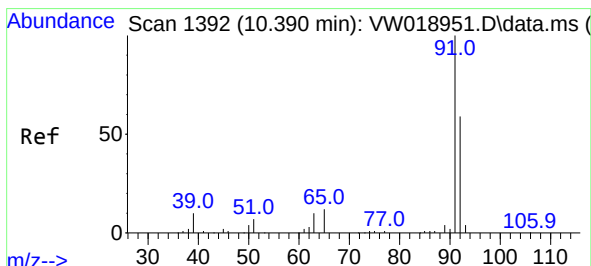
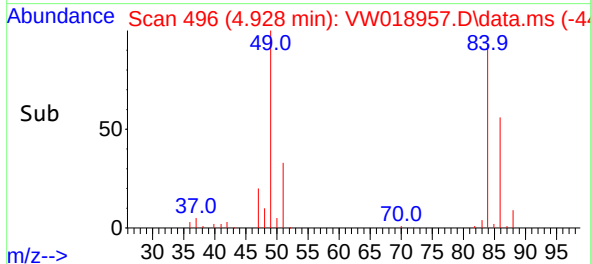
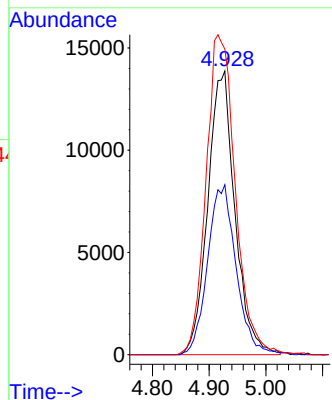
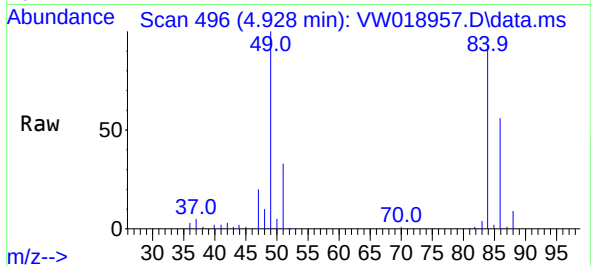




#16  
Methylene chloride  
Concen: 4.16 ug/L  
RT: 4.928 min Scan# 496  
Delta R.T. 0.012 min  
Lab File: VW018957.D  
Acq: 07 May 2021 15:08

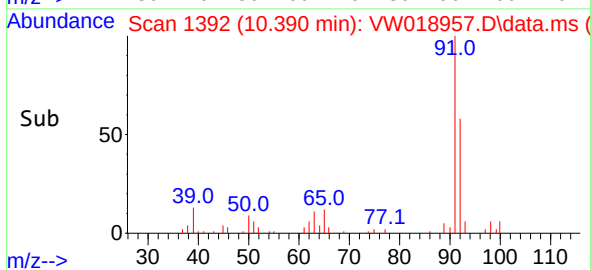
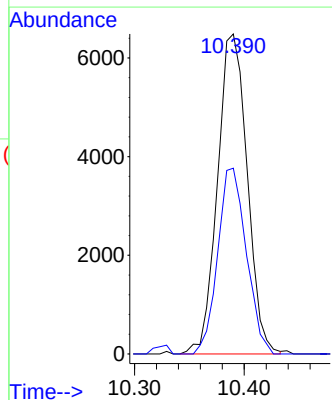
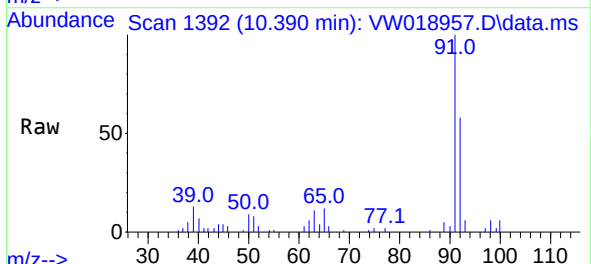
Instrument :  
MSVOA\_W  
ClientSampled :  
EW6D5

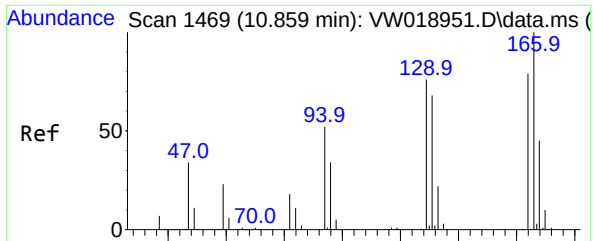
Tgt Ion: 84 Resp: 46132  
Ion Ratio Lower Upper  
84 100  
86 59.9 45.3 84.1  
49 107.7 86.6 160.8



#42  
Toluene  
Concen: 0.31 ug/L  
RT: 10.390 min Scan# 1392  
Delta R.T. 0.000 min  
Lab File: VW018957.D  
Acq: 07 May 2021 15:08

Tgt Ion: 91 Resp: 12212  
Ion Ratio Lower Upper  
91 100  
92 58.0 39.5 73.3





#46  
 Tetrachloroethene  
 Concen: 0.78 ug/L  
 RT: 10.866 min Scan# 1470  
 Delta R.T. 0.006 min  
 Lab File: VW018957.D  
 Acq: 07 May 2021 15:08

Instrument :  
 MSVOA\_W  
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Tgt Ion:164 Resp: 5564

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 103.3 | 66.7  | 123.9 |
| 131 | 90.3  | 61.1  | 113.5 |
| 166 | 115.4 | 87.0  | 161.6 |

