

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042621\  
 Data File : VW018785.D  
 Acq On : 26 Apr 2021 16:47  
 Operator : SY/VA  
 Sample : VIBLK122  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VIBLK122

Quant Time: Apr 27 01:24:06 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM041421SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue Apr 27 01:21:12 2021  
 Response via : Initial Calibration

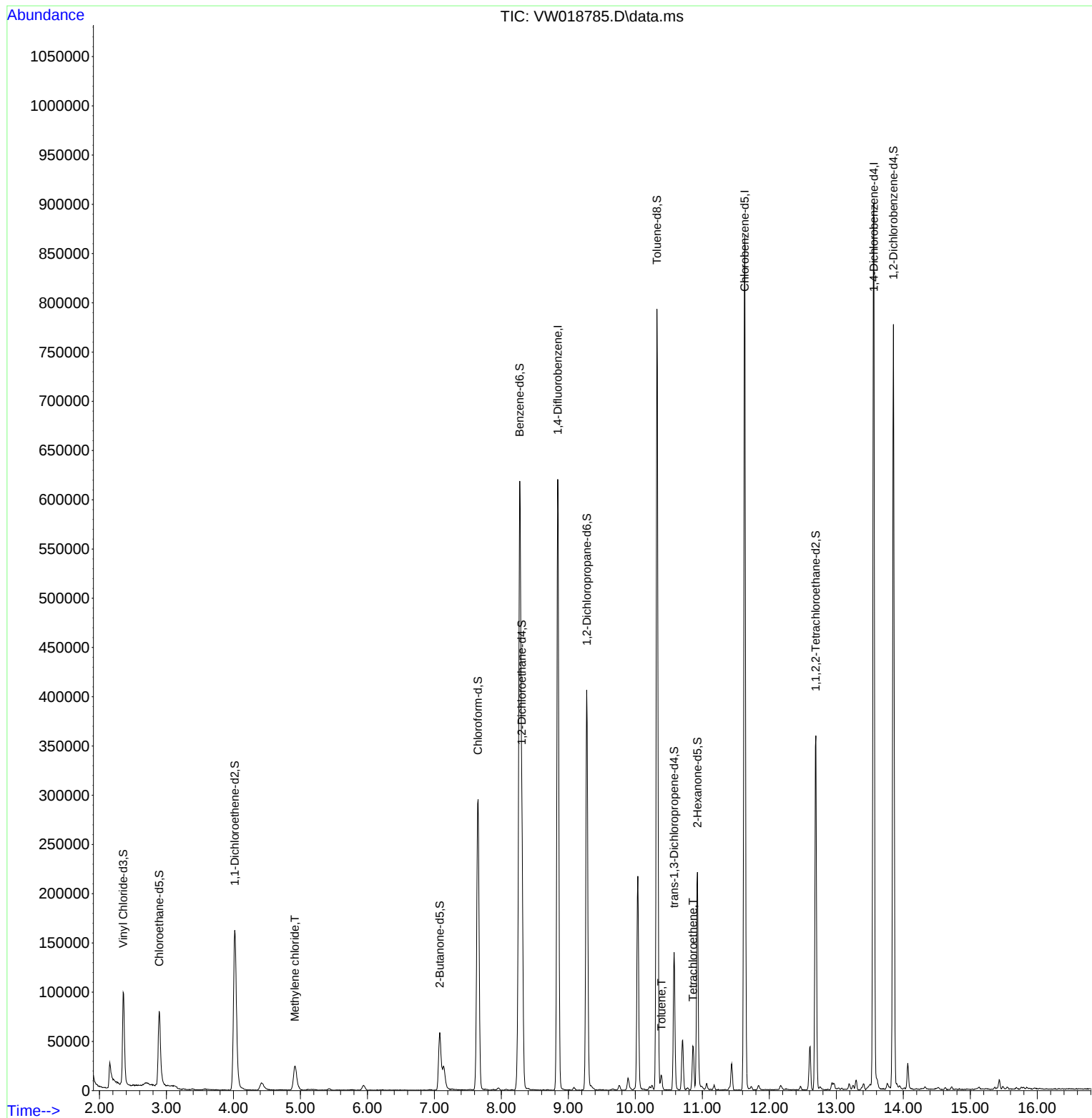
| Compound                      | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|-------|----------|
| -----                         |                |      |            |         |       |          |
| Internal Standards            |                |      |            |         |       |          |
| 1) 1,4-Difluorobenzene        | 8.841          | 114  | 507053     | 25.00   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.634         | 117  | 469516     | 25.00   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560         | 152  | 226769     | 25.00   | ug/L  | 0.00     |
|                               |                |      |            |         |       |          |
| System Monitoring Compounds   |                |      |            |         |       |          |
| 4) Vinyl Chloride-d3          | 2.355          | 65   | 116567     | 15.13   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 60.52%  |       |          |
| 7) Chloroethane-d5            | 2.891          | 69   | 100872     | 14.77   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 59.08%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 4.019          | 63   | 181527     | 13.57   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 54.28%  |       |          |
| 21) 2-Butanone-d5             | 7.080          | 46   | 95100      | 54.22   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 108.44% |       |          |
| 24) Chloroform-d              | 7.653          | 84   | 305074     | 21.92   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 87.68%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 183373     | 23.44   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 93.76%  |       |          |
| 32) Benzene-d6                | 8.275          | 84   | 590499     | 21.44   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 85.76%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.274          | 67   | 186120     | 22.42   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 89.68%  |       |          |
| 41) Toluene-d8                | 10.323         | 98   | 521251     | 20.69   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 82.76%  |       |          |
| 43) trans-1,3-Dichloroprop... | 10.579         | 79   | 78629      | 22.25   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 89.00%  |       |          |
| 47) 2-Hexanone-d5             | 10.926         | 63   | 80014      | 55.44   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 110.88% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.694         | 84   | 179614     | 25.91   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 103.64% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 188753     | 23.69   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 94.76%  |       |          |
|                               |                |      |            |         |       |          |
| Target Compounds              |                |      |            |         |       | Qvalue   |
| 16) Methylene chloride        | 4.915          | 84   | 21657      | 2.61    | ug/L  | 89       |
| 42) Toluene                   | 10.390         | 91   | 10172      | 0.32    | ug/L  | 89       |
| 46) Tetrachloroethene         | 10.859         | 164  | 9639       | 1.80    | ug/L  | 92       |
| -----                         |                |      |            |         |       |          |

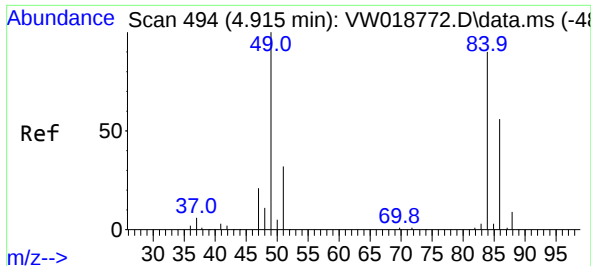
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0  
QLast Update : Tue Apr 27 01:21:12 2021  
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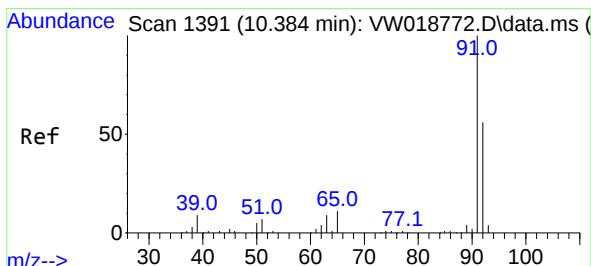
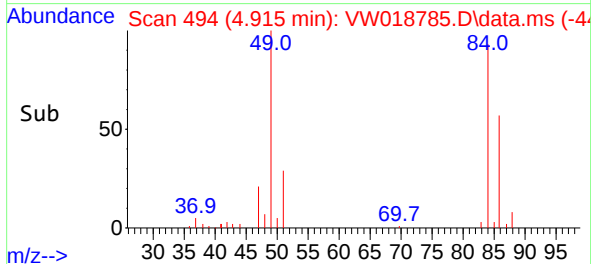
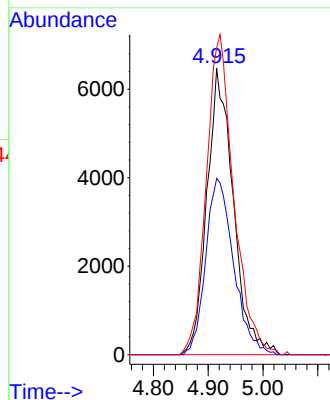
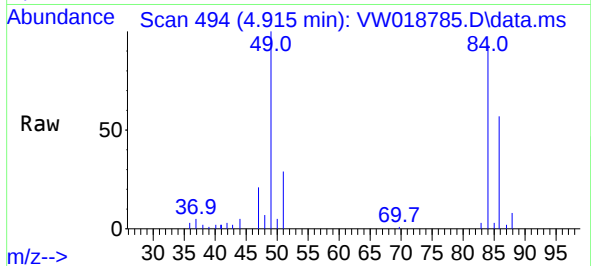




#16  
Methylene chloride  
Concen: 2.61 ug/L  
RT: 4.915 min Scan# 494  
Delta R.T. -0.000 min  
Lab File: VW018785.D  
Acq: 26 Apr 2021 16:47

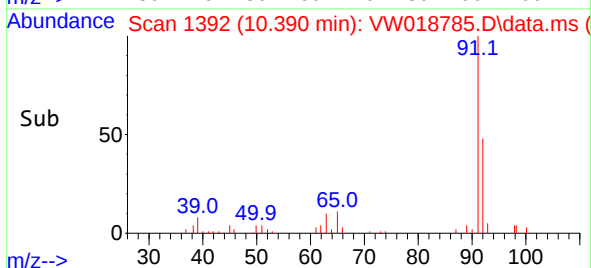
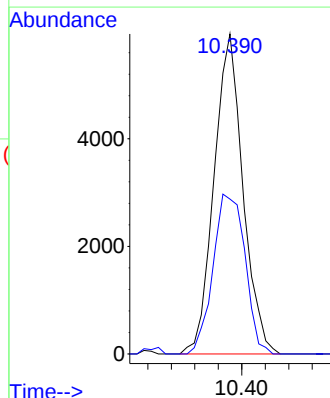
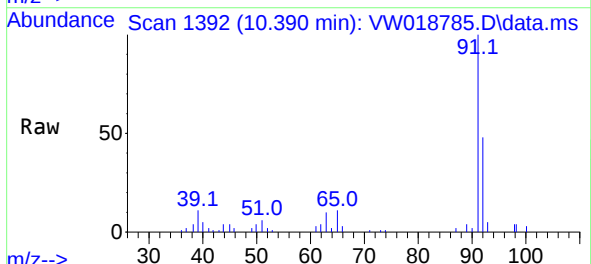
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 21657 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 86       | 61.5  | 45.3  | 84.1  |
| 49       | 107.1 | 86.6  | 160.8 |

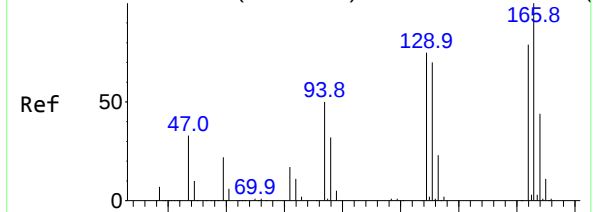


#42  
Toluene  
Concen: 0.32 ug/L  
RT: 10.390 min Scan# 1392  
Delta R.T. 0.006 min  
Lab File: VW018785.D  
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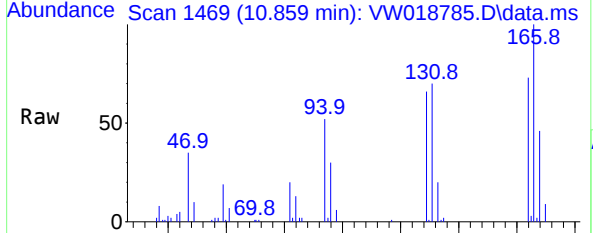
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 10172 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 48.4  | 39.5  | 73.3  |



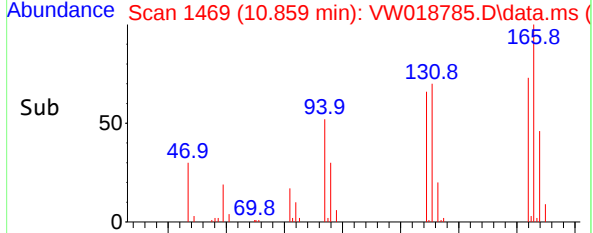
Abundance Scan 1469 (10.860 min): VW018772.D\data.ms (



Abundance Scan 1469 (10.859 min): VW018785.D\data.ms



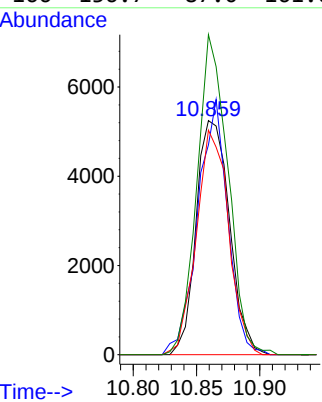
Abundance Scan 1469 (10.859 min): VW018785.D\data.ms



Abundance Scan 1469 (10.859 min): VW018785.D\data.ms

#46  
Tetrachloroethene  
Concen: 1.80 ug/L  
RT: 10.859 min Scan# 1469  
Delta R.T. -0.000 min  
Lab File: VW018785.D  
Acq: 26 Apr 2021 16:47

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:164 | Resp: | 9639        |
| Ion         | Ratio | Lower Upper |
| 164         | 100   |             |
| 129         | 91.6  | 66.7 123.9  |
| 131         | 95.9  | 61.1 113.5  |
| 166         | 136.7 | 87.0 161.6  |



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