

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW110821\  
 Data File : VW020816.D  
 Acq On : 08 Nov 2021 17:20  
 Operator : SY/VA  
 Sample : VIBLK485  
 Misc : 5.00g/10.0mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VIBLK485

Quant Time: Nov 15 02:09:46 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM110621SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Mon Nov 15 00:29:21 2021  
 Response via : Initial Calibration

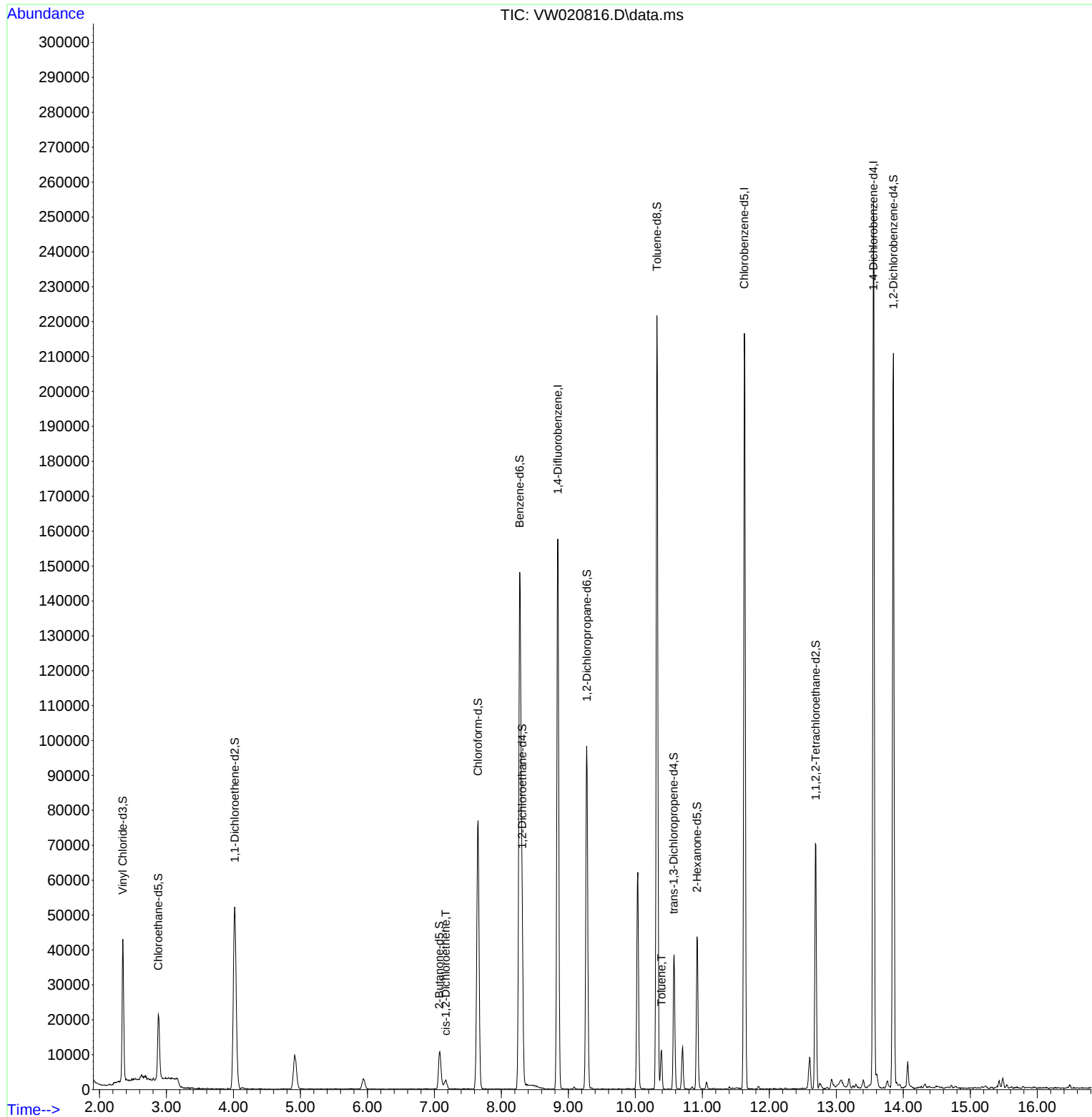
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 134690   | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 121834   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 68146    | 25.000   | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 2.349  | 65    | 37464    | 29.584   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 118.320% |
| 7) Chloroethane-d5            | 2.879  | 69    | 20832    | 28.890   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 115.560% |
| 11) 1,1-Dichloroethene-d2     | 4.019  | 63    | 48226    | 18.143   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 72.560%  |
| 21) 2-Butanone-d5             | 7.074  | 46    | 19162    | 45.562   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 91.120%  |
| 24) Chloroform-d              | 7.653  | 84    | 75519    | 25.234   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 100.920% |
| 26) 1,2-Dichloroethane-d4     | 8.311  | 65    | 39698    | 24.917   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 99.680%  |
| 32) Benzene-d6                | 8.275  | 84    | 147877   | 26.864   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 107.440% |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 43636    | 25.604   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 102.400% |
| 41) Toluene-d8                | 10.323 | 98    | 144877   | 27.053   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 108.200% |
| 43) trans-1,3-Dichloroprop... | 10.573 | 79    | 20645    | 24.423   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 97.680%  |
| 47) 2-Hexanone-d5             | 10.920 | 63    | 15533    | 45.045   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 90.100%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.694 | 84    | 33309    | 23.583   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 94.320%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 53522    | 24.992   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 99.960%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 20) cis-1,2-Dichloroethene    | 7.171  | 96    | 1367     | 0.708    | ug/L  | 95       |
| 42) Toluene                   | 10.390 | 91    | 8073     | 1.029    | ug/L  | 98       |
| -----                         |        |       |          |          |       |          |

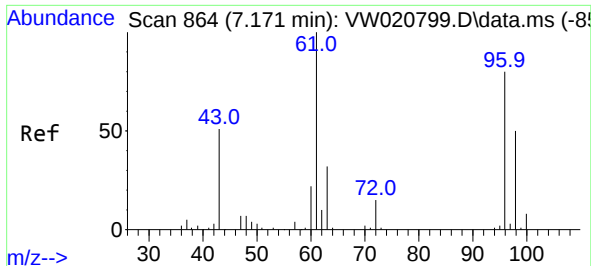
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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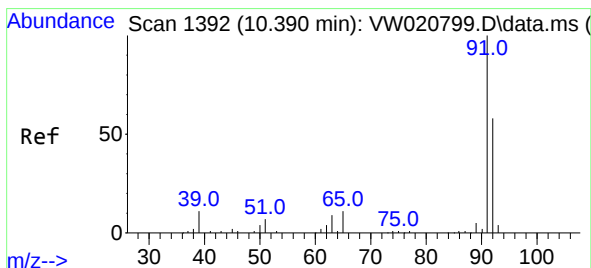
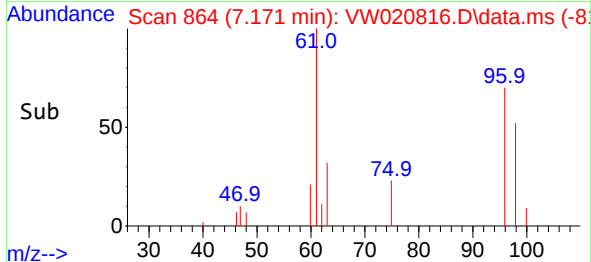
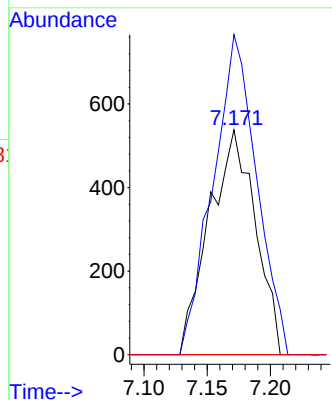
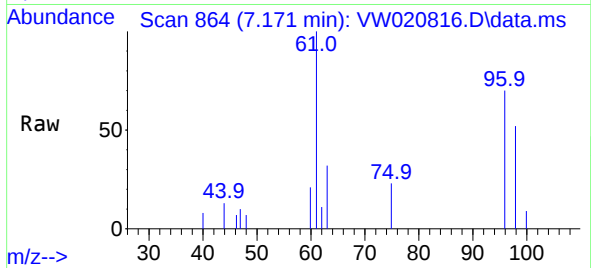




#20  
cis-1,2-Dichloroethene  
Concen: 0.708 ug/L  
RT: 7.171 min Scan# 864  
Delta R.T. 0.000 min  
Lab File: VW020816.D  
Acq: 08 Nov 2021 17:20

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MSVOA\_W  
ClientSampleId :  
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Tgt Ion: 96 Resp: 1367  
Ion Ratio Lower Upper  
96 100  
61 142.4 103.7 192.7  
68 0.0 0.0 0.0



#42  
Toluene  
Concen: 1.029 ug/L  
RT: 10.390 min Scan# 1392  
Delta R.T. 0.000 min  
Lab File: VW020816.D  
Acq: 08 Nov 2021 17:20

Tgt Ion: 91 Resp: 8073  
Ion Ratio Lower Upper  
91 100  
92 61.4 41.7 77.5

