

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW092921\  
 Data File : VW020225.D  
 Acq On : 29 Sep 2021 12:11  
 Operator : SY/VA  
 Sample : M3973-06  
 Misc : 6.71g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EW8X2

Quant Time: Sep 30 01:03:05 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM092121SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Sep 30 00:57:20 2021  
 Response via : Initial Calibration

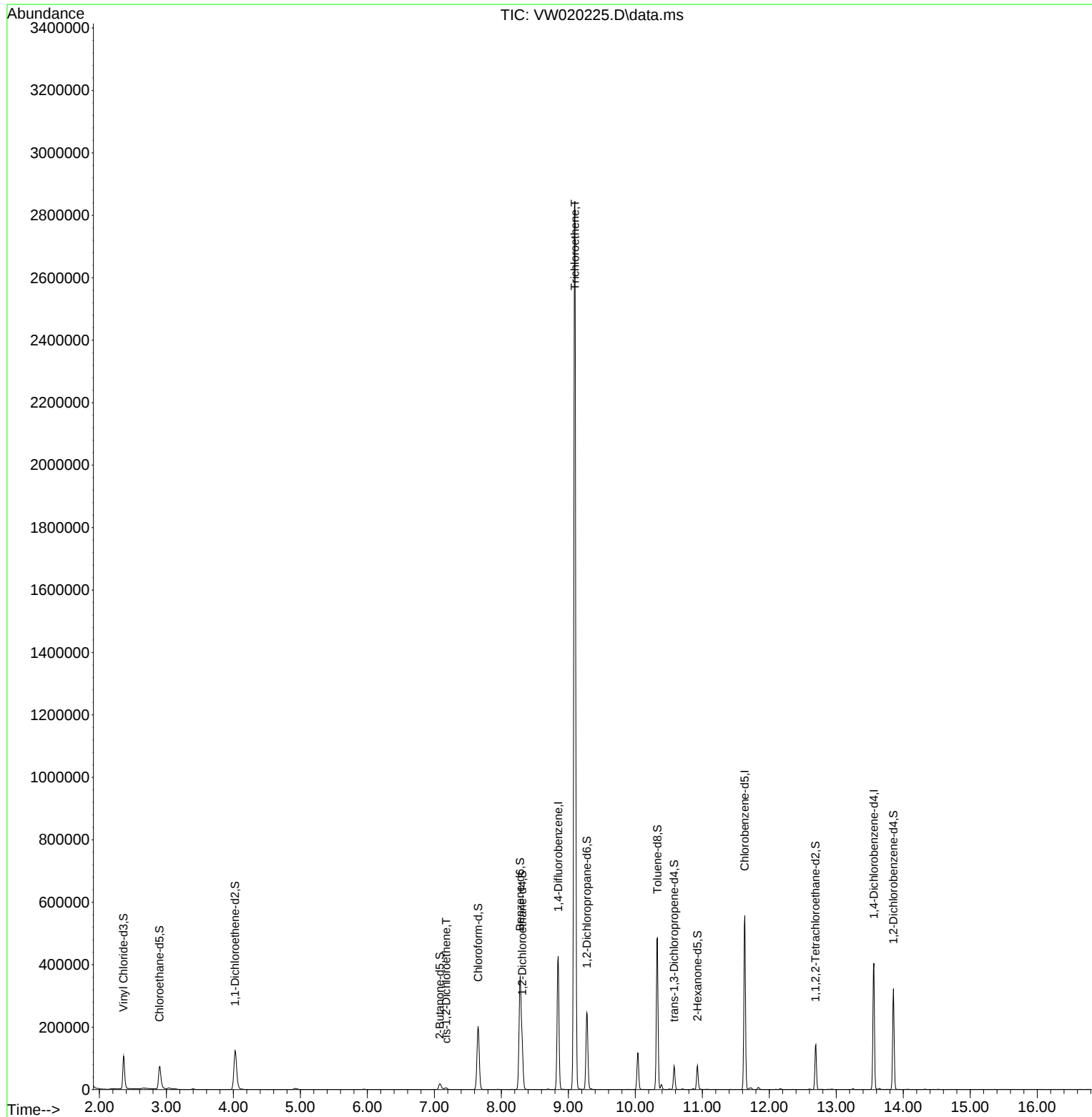
| Compound                      | R.T.   | QIon           | Response   | Conc    | Units | Dev(Min) |
|-------------------------------|--------|----------------|------------|---------|-------|----------|
| Internal Standards            |        |                |            |         |       |          |
| 1) 1,4-Difluorobenzene        | 8.848  | 114            | 334515     | 25.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117            | 293579     | 25.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152            | 101395     | 25.000  | ug/L  | 0.00     |
| System Monitoring Compounds   |        |                |            |         |       |          |
| 4) Vinyl Chloride-d3          | 2.361  | 65             | 115690     | 16.905  | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery = | 67.640% |       |          |
| 7) Chloroethane-d5            | 2.898  | 69             | 100236     | 19.443  | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery = | 77.760% |       |          |
| 11) 1,1-Dichloroethene-d2     | 4.026  | 63             | 132014     | 12.321  | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 110 | Recovery = | 49.280% |       |          |
| 21) 2-Butanone-d5             | 7.080  | 46             | 31584      | 29.908  | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery = | 59.820% |       |          |
| 24) Chloroform-d              | 7.653  | 84             | 198548     | 18.873  | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range 40 - 150 | Recovery = | 75.480% |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.311  | 65             | 103090     | 18.207  | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 130 | Recovery = | 72.840% |       |          |
| 32) Benzene-d6                | 8.281  | 84             | 360317     | 19.238  | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range 20 - 135 | Recovery = | 76.960% |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67             | 109237     | 20.152  | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 120 | Recovery = | 80.600% |       |          |
| 41) Toluene-d8                | 10.329 | 98             | 312338     | 18.327  | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 130 | Recovery = | 73.320% |       |          |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79             | 40168      | 17.338  | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 135 | Recovery = | 69.360% |       |          |
| 47) 2-Hexanone-d5             | 10.927 | 63             | 22780      | 30.368  | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery = | 60.740% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689 | 84             | 68596      | 16.406  | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 120 | Recovery = | 65.640% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152            | 77438      | 20.368  | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range 75 - 120 | Recovery = | 81.480% |       |          |
| Target Compounds              |        |                |            |         |       |          |
| 20) cis-1,2-Dichloroethene    | 7.177  | 96             | 2954       | 0.622   | ug/L  | 96       |
| 34) Trichloroethene           | 9.098  | 95             | 971379     | 204.802 | ug/L  | 97       |

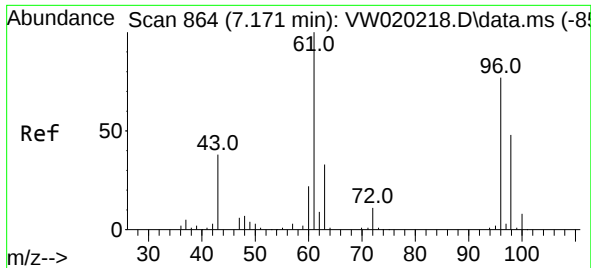
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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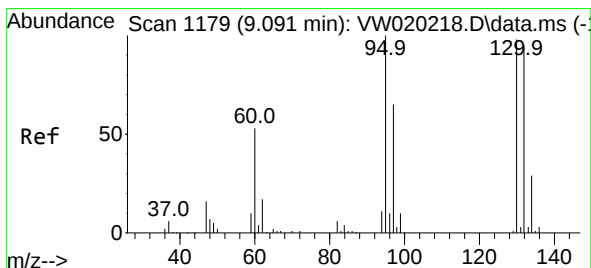
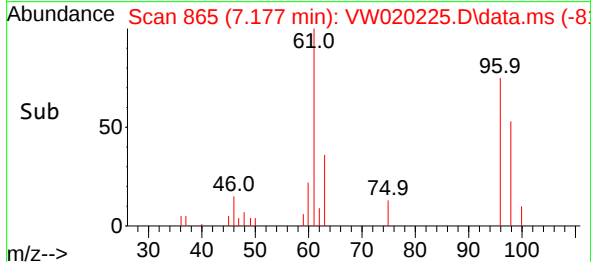
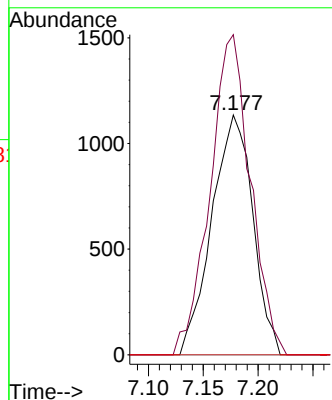
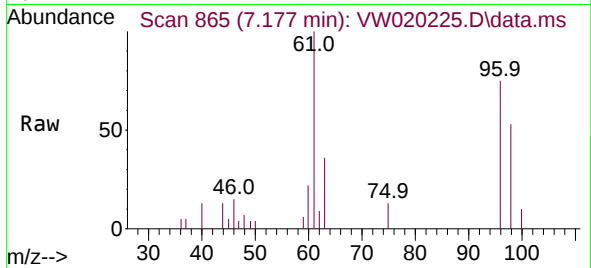




#20  
cis-1,2-Dichloroethene  
Concen: 0.622 ug/L  
RT: 7.177 min Scan# 865  
Delta R.T. 0.006 min  
Lab File: VW020225.D  
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Instrument :  
MSVOA\_W  
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Tgt Ion: 96 Resp: 2954  
Ion Ratio Lower Upper  
96 100  
61 133.5 89.9 167.0  
68 0.0 0.0 0.0



#34  
Trichloroethene  
Concen: 204.802 ug/L  
RT: 9.098 min Scan# 1180  
Delta R.T. 0.006 min  
Lab File: VW020225.D  
Acq: 29 Sep 2021 12:11

Tgt Ion: 95 Resp: 971379  
Ion Ratio Lower Upper  
95 100  
97 64.1 45.1 83.7  
132 89.6 67.9 126.1  
130 97.5 69.1 128.3

