

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW122324\  
 Data File : VW031516.D  
 Acq On : 23 Dec 2024 18:45  
 Operator : SY/MD  
 Sample : P5322-23  
 Misc : 6.90g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Dec 24 00:19:57 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM121324SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue Dec 24 00:12:57 2024  
 Response via : Initial Calibration

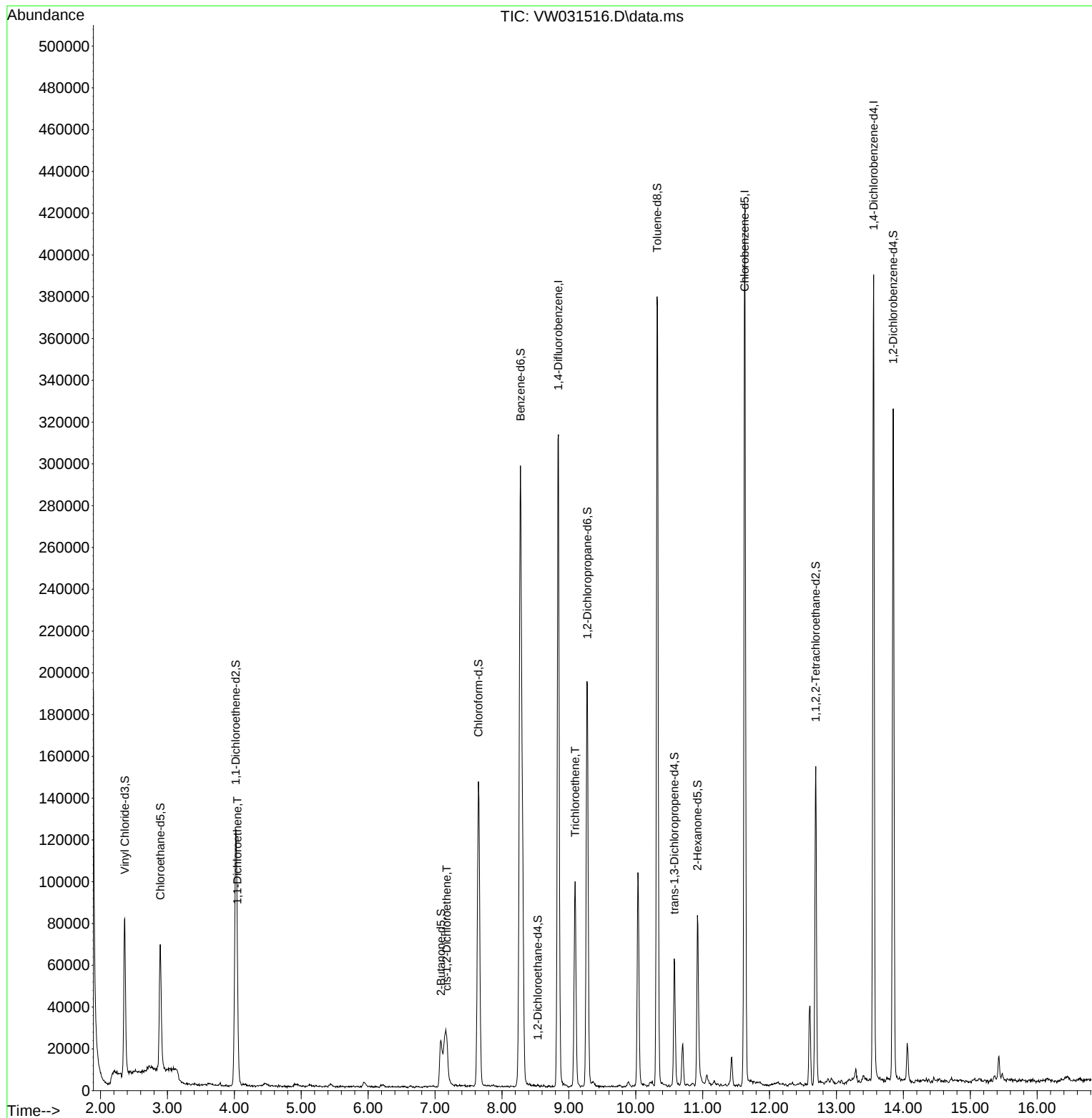
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 266727   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 225780   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 103885   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 85190    | 21.227   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 84.920%  |
| 7) Chloroethane-d5            | 2.893  | 69    | 71390    | 24.048   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 96.200%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 37636    | 19.770   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 79.080%  |
| 21) 2-Butanone-d5             | 7.088  | 46    | 38554    | 51.012   | ug/L   | -0.02    |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 102.020% |
| 24) Chloroform-d              | 7.648  | 84    | 147220   | 20.145   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 80.560%  |
| 26) 1,2-Dichloroethane-d4     | 8.532  | 65    | 109      | 0.030    | ug/L   | 0.22     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 0.120%#  |
| 32) Benzene-d6                | 8.276  | 84    | 300471   | 20.763   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 83.040%  |
| 36) 1,2-Dichloropropane-d6    | 9.276  | 67    | 89981    | 21.335   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 85.320%  |
| 41) Toluene-d8                | 10.319 | 98    | 258567   | 19.206   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 76.840%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 32687    | 16.808   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 67.240%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 29075    | 51.262   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 102.520% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 73179    | 27.635   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 110.520% |
| 66) 1,2-Dichlorobenzene-d4    | 13.849 | 152   | 80628    | 20.906   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 83.640%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 12) 1,1-Dichloroethene        | 4.045  | 96    | 4916     | 1.503    | ug/L # | 1        |
| 20) cis-1,2-Dichloroethene    | 7.173  | 96    | 10673    | 2.799    | ug/L   | 96       |
| 34) Trichloroethene           | 9.093  | 95    | 33980    | 8.626    | ug/L   | 98       |
| -----                         |        |       |          |          |        |          |

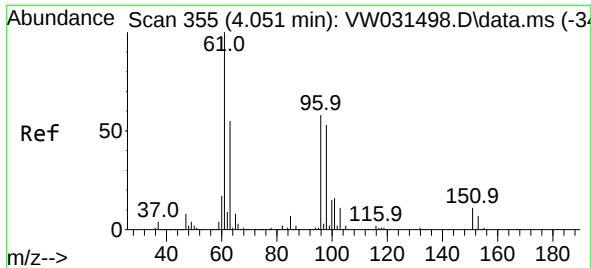
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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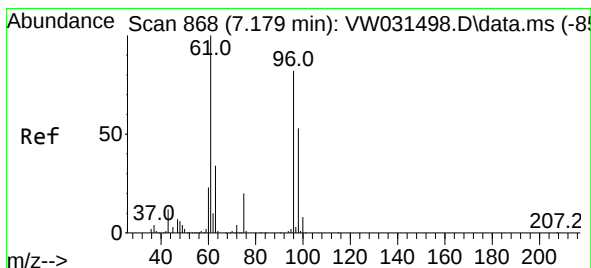
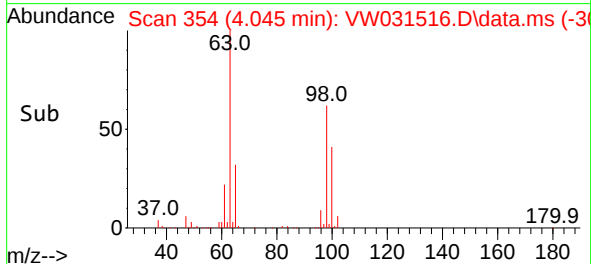
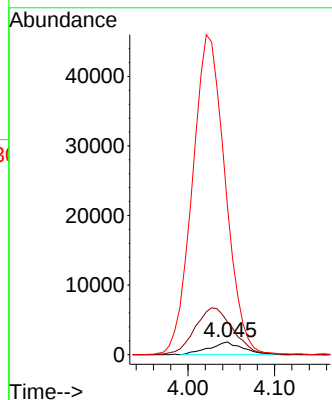
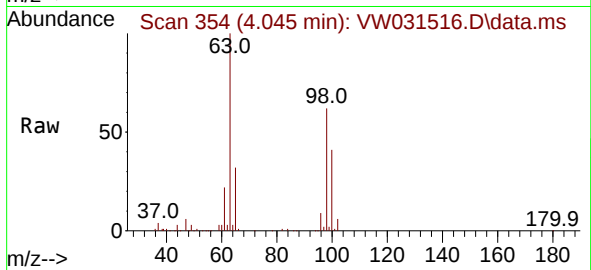




#12  
 1,1-Dichloroethene  
 Concen: 1.503 ug/L  
 RT: 4.045 min Scan# 31  
 Delta R.T. -0.006 min  
 Lab File: VW031516.D  
 Acq: 23 Dec 2024 18:45

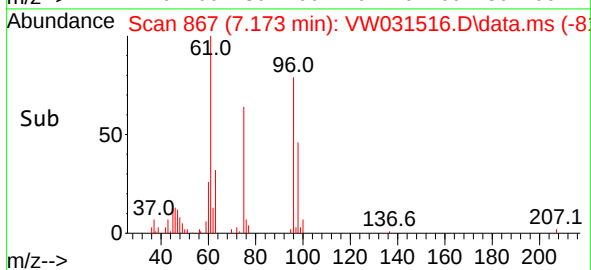
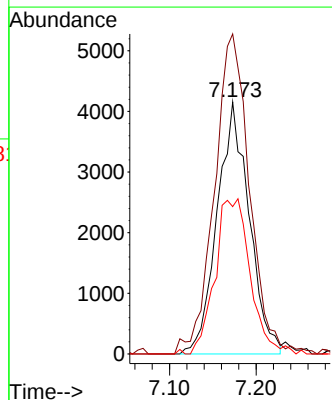
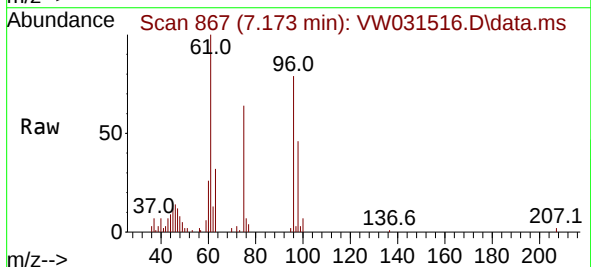
Instrument :  
 MSVOA\_W  
 ClientSampleId :

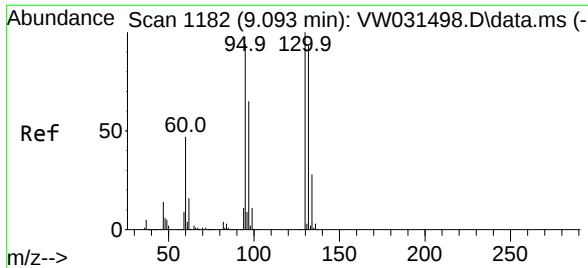
Tgt Ion: 96 Resp: 4916  
 Ion Ratio Lower Upper  
 96 100  
 61 257.8 125.3 232.7#  
 63 1165.6 104.6 194.2#



#20  
 cis-1,2-Dichloroethene  
 Concen: 2.799 ug/L  
 RT: 7.173 min Scan# 867  
 Delta R.T. -0.006 min  
 Lab File: VW031516.D  
 Acq: 23 Dec 2024 18:45

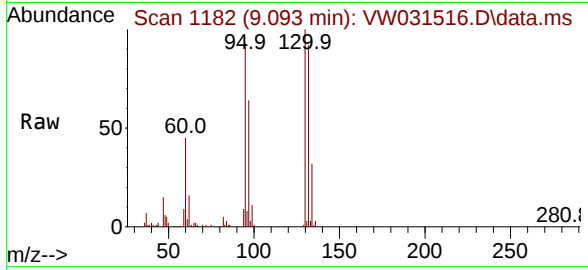
Tgt Ion: 96 Resp: 10673  
 Ion Ratio Lower Upper  
 96 100  
 61 127.0 92.2 171.2  
 98 58.5 43.7 81.1





#34  
 Trichloroethene  
 Concen: 8.626 ug/L  
 RT: 9.093 min Scan# 1182  
 Delta R.T. 0.000 min  
 Lab File: VW031516.D  
 Acq: 23 Dec 2024 18:45

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 MSVOA\_W  
 ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 95    | Resp: | 33980 |
| Ion      | Ratio | Lower | Upper |
| 95       | 100   |       |       |
| 97       | 69.1  | 46.5  | 86.3  |
| 132      | 99.1  | 70.3  | 130.5 |
| 130      | 107.7 | 73.6  | 136.8 |

