

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW122324\  
 Data File : VW031501.D  
 Acq On : 23 Dec 2024 12:33  
 Operator : SY/MD  
 Sample : P5322-02RE  
 Misc : 5.34g/10mL/MSVOA\_W/SOIL/B  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 YE5X6RE

Quant Time: Dec 24 00:15:26 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

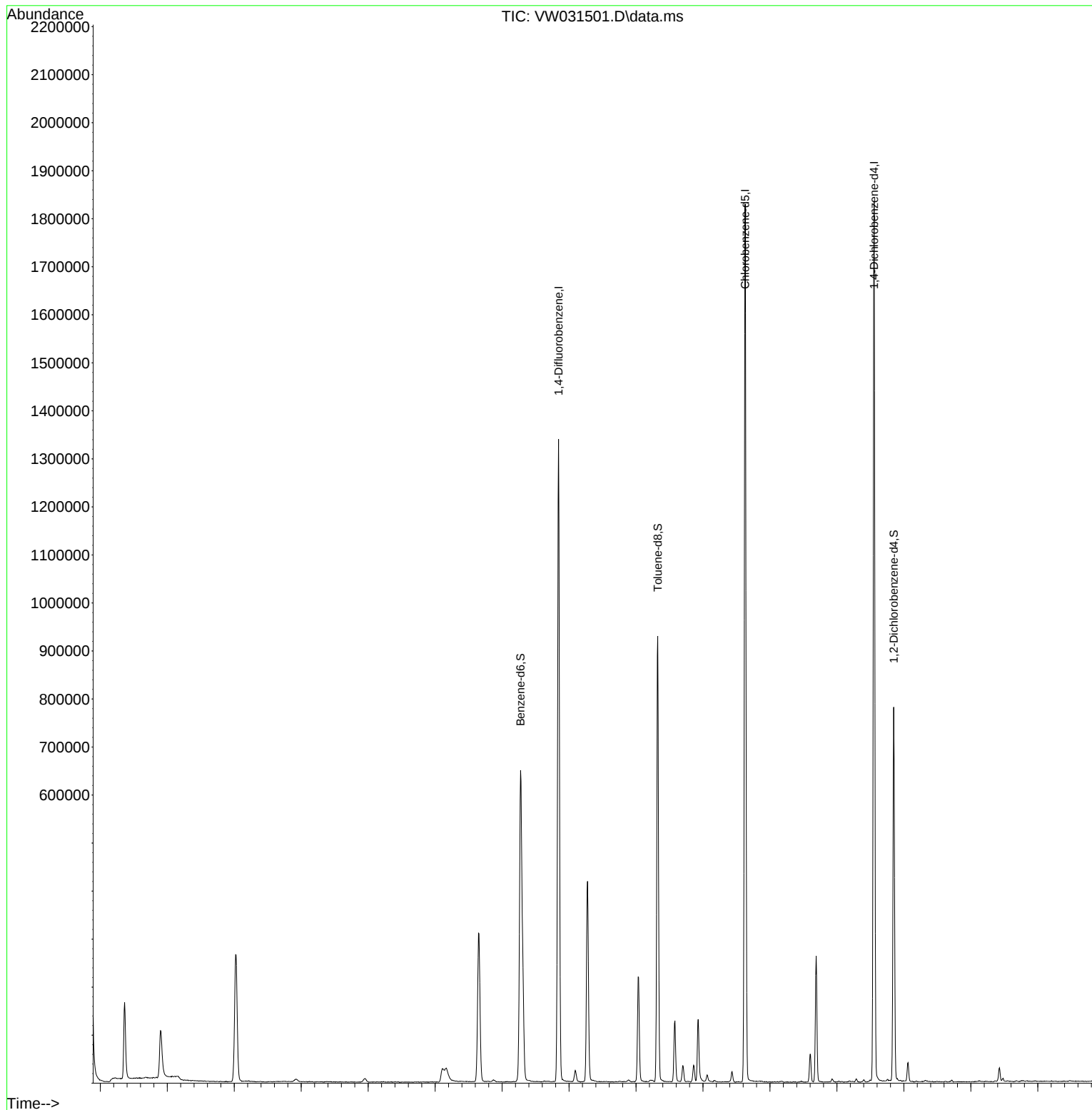
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 1105622  | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 970088   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 463235   | 25.000   | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 2.362  | 65    | 192425   | 11.567   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 46.280%  |
| 7) Chloroethane-d5            | 2.899  | 69    | 152000   | 12.352   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 49.400%  |
| 11) 1,1-Dichloroethene-d2     | 4.027  | 65    | 82876    | 10.503   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 42.000%# |
| 21) 2-Butanone-d5             | 7.105  | 46    | 60467    | 19.301   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 38.600%  |
| 24) Chloroform-d              | 7.648  | 84    | 317010   | 10.465   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 41.840%  |
| 26) 1,2-Dichloroethane-d4     | 8.306  | 65    | 173571   | 11.409   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 45.640%# |
| 32) Benzene-d6                | 8.276  | 84    | 668836   | 10.757   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 43.040%  |
| 36) 1,2-Dichloropropane-d6    | 9.276  | 67    | 195091   | 10.766   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 43.080%# |
| 41) Toluene-d8                | 10.324 | 98    | 617979   | 10.684   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 42.720%  |
| 43) trans-1,3-Dichloroprop... | 10.580 | 79    | 72419    | 8.667    | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 34.680%  |
| 47) 2-Hexanone-d5             | 10.928 | 63    | 46653    | 19.144   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 38.280%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 127766   | 11.229   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 44.920%# |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 197489   | 11.484   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 45.920%# |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 34) Trichloroethene           | 9.093  | 95    | 8518     | 0.503    | ug/L  | 84       |
| 46) Tetrachloroethene         | 10.861 | 164   | 7731     | 0.624    | ug/L  | 95       |
| -----                         |        |       |          |          |       |          |

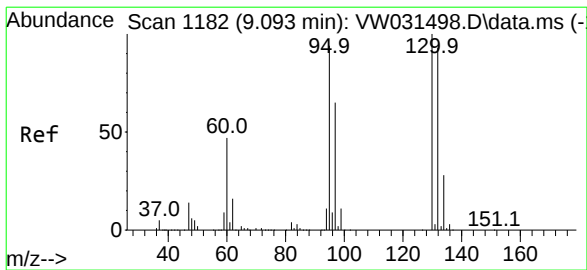
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#34

Trichloroethene

Concen: 0.503 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW031501.D

Acq: 23 Dec 2024 12:33

Instrument :

MSVOA\_W

ClientSampleId :

YE5X6RE

Tgt Ion: 95 Resp: 8518

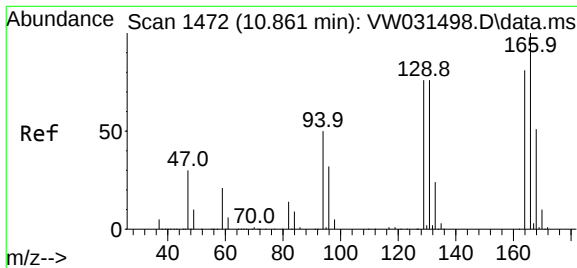
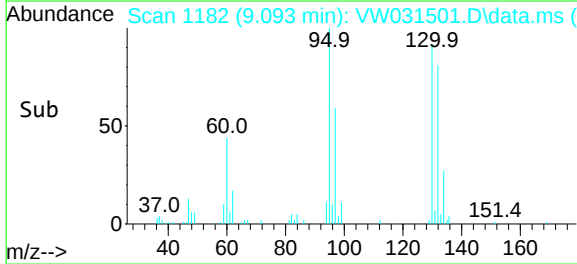
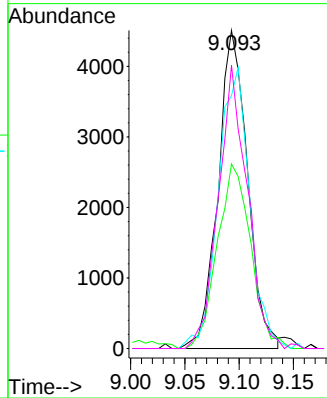
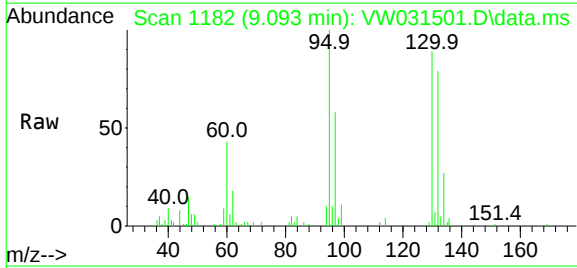
Ion Ratio Lower Upper

95 100

97 58.0 46.5 86.3

132 79.5 70.3 130.5

130 89.0 73.6 136.8



#46

Tetrachloroethene

Concen: 0.624 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW031501.D

Acq: 23 Dec 2024 12:33

Tgt Ion: 164 Resp: 7731

Ion Ratio Lower Upper

164 100

129 101.7 73.5 136.5

131 107.3 66.6 123.8

166 131.1 92.7 172.3

