

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW100522\  
 Data File : VW024728.D  
 Acq On : 05 Oct 2022 11:04  
 Operator : SY/VA  
 Sample : N4973-01RE  
 Misc : 3.91g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EY196RE

Quant Time: Oct 06 01:37:54 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM092622SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Oct 06 01:37:00 2022  
 Response via : Initial Calibration

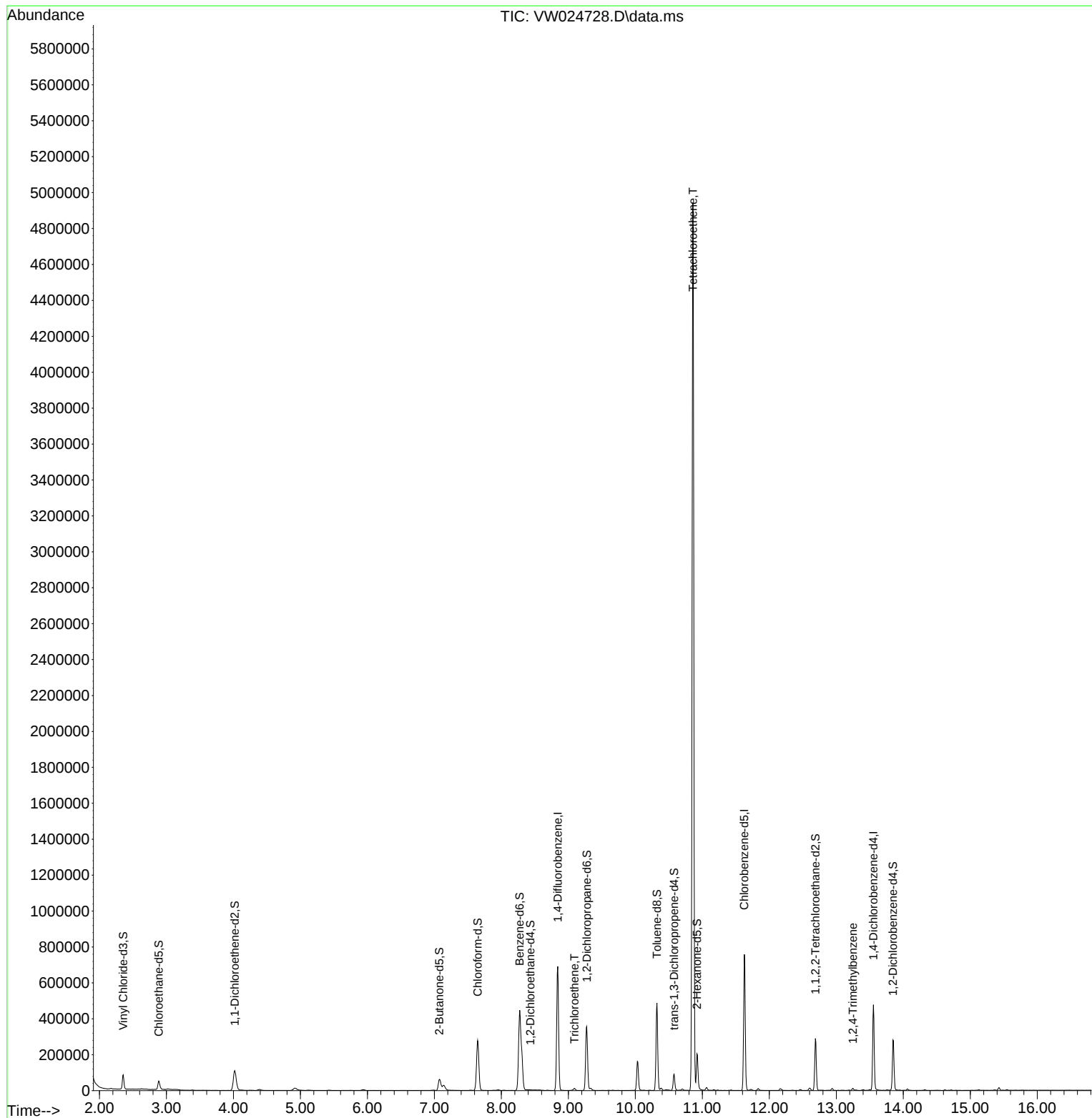
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.841  | 114   | 574926   | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.627 | 117   | 408350   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 113060   | 25.000   | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 2.355  | 65    | 77698    | 12.917   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 51.680%  |
| 7) Chloroethane-d5            | 2.885  | 69    | 53194    | 15.218   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 60.880%  |
| 11) 1,1-Dichloroethene-d2     | 4.019  | 63    | 110438   | 7.932    | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 31.720%# |
| 21) 2-Butanone-d5             | 7.073  | 46    | 109957   | 50.844   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 101.680% |
| 24) Chloroform-d              | 7.646  | 84    | 284581   | 18.515   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 74.080%  |
| 26) 1,2-Dichloroethane-d4     | 8.433  | 65    | 157      | 0.020    | ug/L  | 0.13     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 0.080%#  |
| 32) Benzene-d6                | 8.274  | 84    | 451580   | 17.302   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 69.200%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 176199   | 22.095   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 88.400%  |
| 41) Toluene-d8                | 10.323 | 98    | 315388   | 13.520   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 54.080%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 51611    | 14.533   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 58.120%  |
| 47) 2-Hexanone-d5             | 10.920 | 63    | 74311    | 54.463   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 108.920% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84    | 147702   | 25.994   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 103.960% |
| 66) 1,2-Dichlorobenzene-d4    | 13.847 | 152   | 73311    | 18.427   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 73.720%# |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 34) Trichloroethene           | 9.091  | 95    | 3988     | 0.551    | ug/L  | 95       |
| 46) Tetrachloroethene         | 10.859 | 164   | 1062555  | 215.880  | ug/L  | 90       |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105   | 6832     | 0.435    | ug/L  | 90       |
| -----                         |        |       |          |          |       |          |

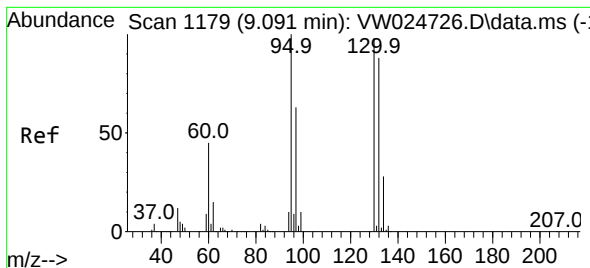
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 06 01:37:00 2022  
Response via : Initial Calibration





#34

Trichloroethene

Concen: 0.551 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW024728.D

Acq: 05 Oct 2022 11:04

Instrument :

MSVOA\_W

ClientSampleId :

EY196RE

Tgt Ion: 95 Resp: 3988

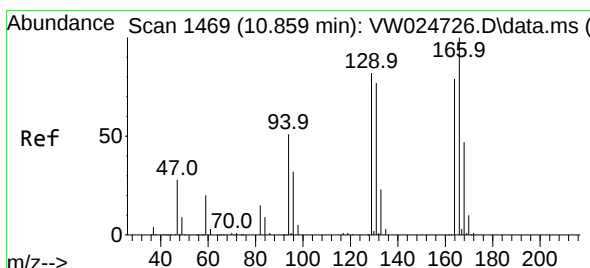
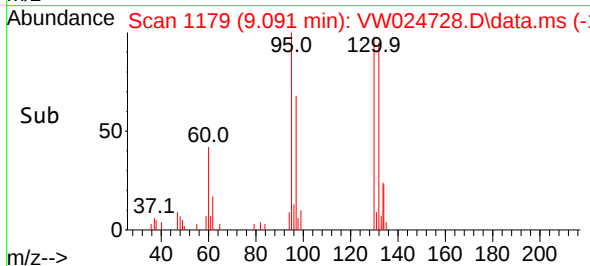
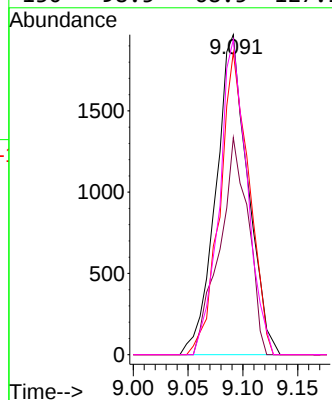
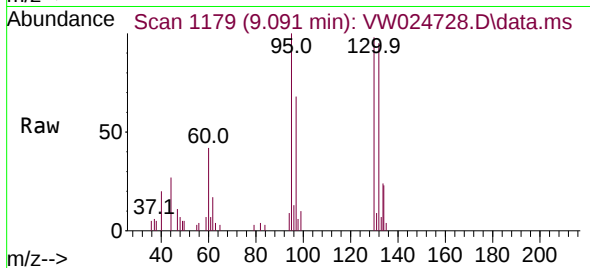
Ion Ratio Lower Upper

95 100

97 67.8 43.5 80.9

132 94.5 61.2 113.8

130 98.5 68.5 127.1



#46

Tetrachloroethene

Concen: 215.880 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW024728.D

Acq: 05 Oct 2022 11:04

Tgt Ion:164 Resp: 1062555

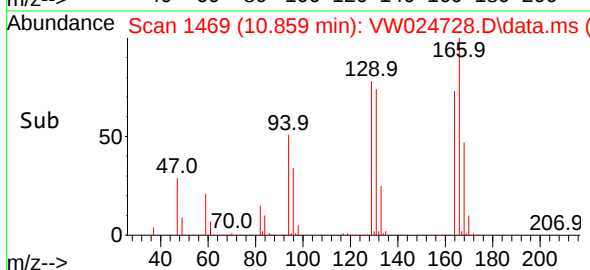
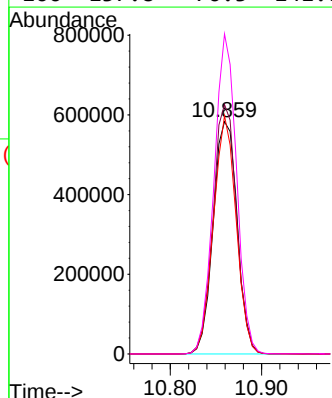
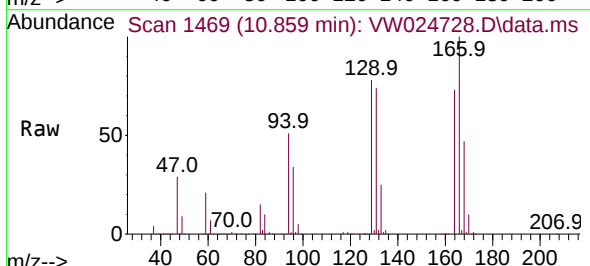
Ion Ratio Lower Upper

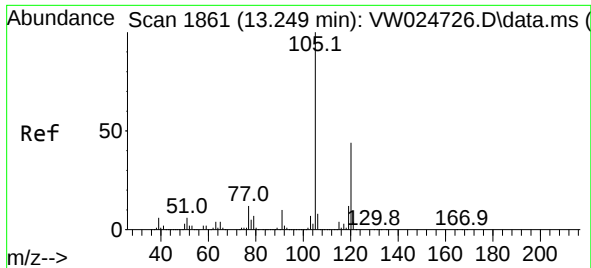
164 100

129 107.4 74.1 137.5

131 102.6 71.5 132.7

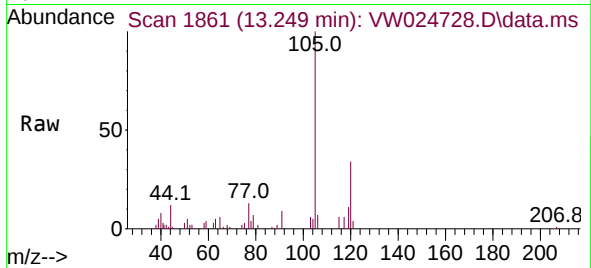
166 137.8 76.3 141.7





#63  
 1,2,4-Trimethylbenzene  
 Concen: 0.435 ug/L  
 RT: 13.249 min Scan# 11  
 Delta R.T. -0.000 min  
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 Acq: 05 Oct 2022 11:04

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 MSVOA\_W  
 ClientSampleId :  
 EY196RE



Tgt Ion:105 Resp: 6832  
 Ion Ratio Lower Upper  
 105 100  
 120 37.8 35.2 52.8

