

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW072622\  
 Data File : VW026979.D  
 Acq On : 27 Jul 2022 02:56  
 Operator : SY/MD  
 Sample : N3880-03  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DBUF6

Quant Time: Jul 27 07:02:49 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM072222WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jul 27 02:43:35 2022  
 Response via : Initial Calibration

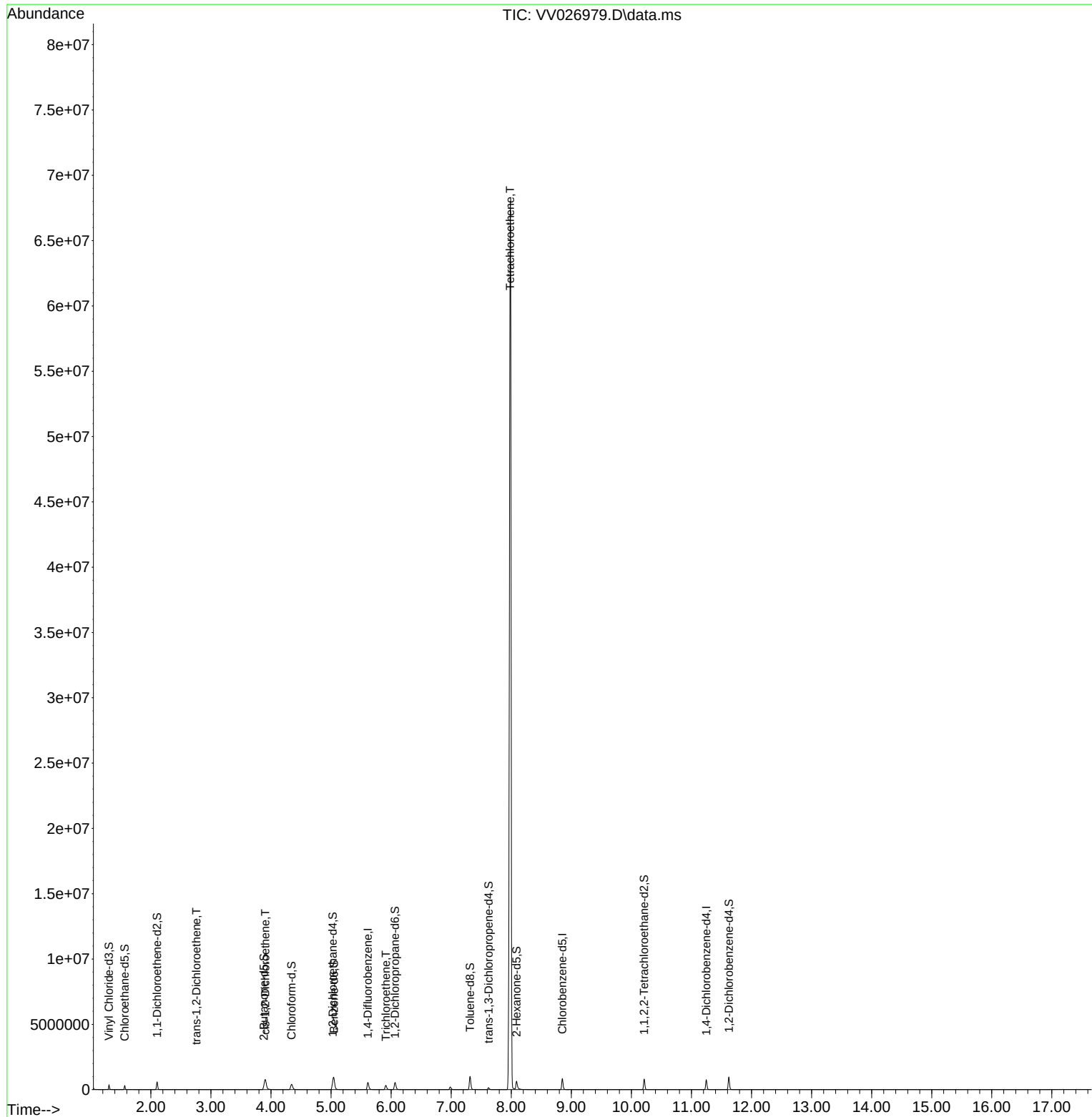
| Compound                      | R.T. QIon |       | Response | Conc     | Units     | Dev(Min) |
|-------------------------------|-----------|-------|----------|----------|-----------|----------|
| -----                         |           |       |          |          |           |          |
| Internal Standards            |           |       |          |          |           |          |
| 1) 1,4-Difluorobenzene        | 5.613     | 114   | 493196   | 50.000   | ug/L      | 0.00     |
| 28) Chlorobenzene-d5          | 8.850     | 117   | 480227   | 50.000   | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246    | 152   | 202991   | 50.000   | ug/L      | 0.00     |
| System Monitoring Compounds   |           |       |          |          |           |          |
| 4) Vinyl Chloride-d3          | 1.304     | 65    | 230320   | 55.680   | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 60  | - 135 | Recovery | =        | 111.360%  |          |
| 7) Chloroethane-d5            | 1.565     | 69    | 194200   | 58.033   | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 70  | - 130 | Recovery | =        | 116.060%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.105     | 63    | 302875   | 40.699   | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 60  | - 125 | Recovery | =        | 81.400%   |          |
| 21) 2-Butanone-d5             | 3.883     | 46    | 301795   | 108.241  | ug/L      | 0.00     |
| Spiked Amount 100.000         | Range 40  | - 130 | Recovery | =        | 108.240%  |          |
| 24) Chloroform-d              | 4.343     | 84    | 438498   | 53.864   | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 70  | - 125 | Recovery | =        | 107.720%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.027     | 65    | 265690   | 57.056   | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 70  | - 125 | Recovery | =        | 114.120%  |          |
| 32) Benzene-d6                | 5.047     | 84    | 877093   | 60.422   | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 70  | - 125 | Recovery | =        | 120.840%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.066     | 67    | 284882   | 60.898   | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 70  | - 120 | Recovery | =        | 121.800%# |          |
| 41) Toluene-d8                | 7.313     | 98    | 692419   | 54.516   | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 80  | - 120 | Recovery | =        | 109.040%  |          |
| 43) trans-1,3-Dichloroprop... | 7.622     | 79    | 92674    | 47.279   | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 60  | - 125 | Recovery | =        | 94.560%   |          |
| 47) 2-Hexanone-d5             | 8.088     | 63    | 224669   | 110.299  | ug/L      | 0.00     |
| Spiked Amount 100.000         | Range 45  | - 130 | Recovery | =        | 110.300%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214    | 84    | 390328   | 54.925   | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 65  | - 120 | Recovery | =        | 109.840%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.622    | 152   | 251541   | 66.052   | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 80  | - 120 | Recovery | =        | 132.100%# |          |
| Target Compounds              |           |       |          |          |           | Qvalue   |
| 17) trans-1,2-Dichloroethene  | 2.757     | 96    | 4418     | 1.096    | ug/L      | 96       |
| 20) cis-1,2-Dichloroethene    | 3.905     | 96    | 401972   | 94.660   | ug/L      | 97       |
| 34) Trichloroethene           | 5.912     | 95    | 118141   | 29.769   | ug/L      | 99       |
| 46) Tetrachloroethene         | 7.982     | 164   | 16831550 | 5436.930 | ug/L      | 88       |
| -----                         |           |       |          |          |           |          |

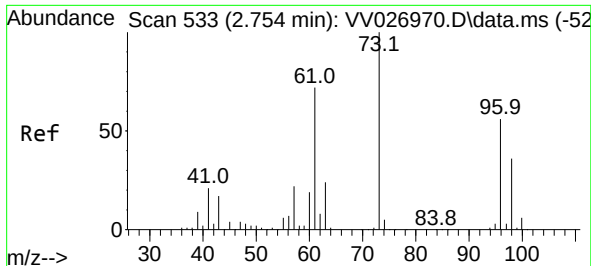
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

trans-1,2-Dichloroethene

Concen: 1.096 ug/L

RT: 2.757 min Scan# 51

Delta R.T. 0.003 min

Lab File: VV026979.D

Acq: 27 Jul 2022 02:56

Instrument :

MSVOA\_V

ClientSampleId :

DBUF6

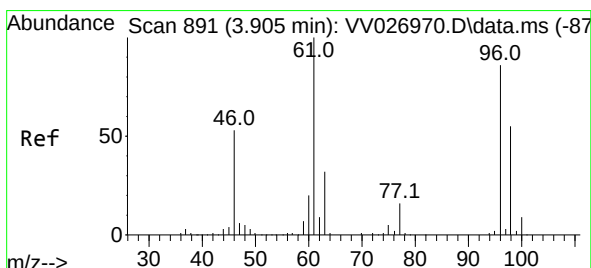
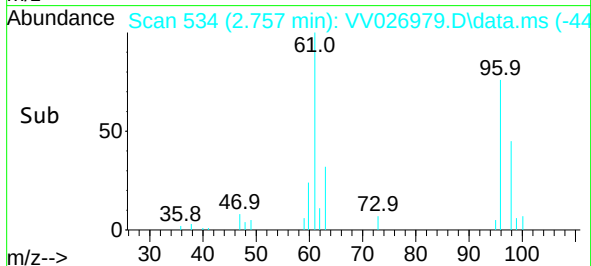
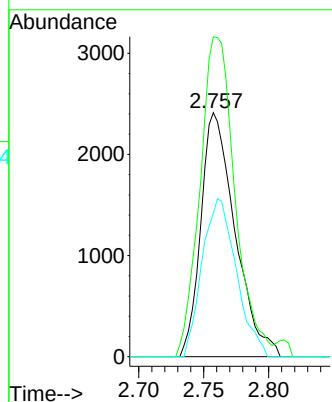
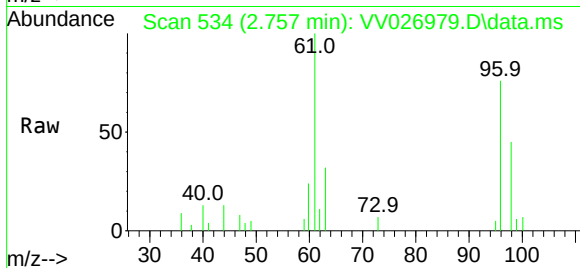
Tgt Ion: 96 Resp: 4418

Ion Ratio Lower Upper

96 100

61 131.1 89.2 165.6

98 58.8 44.7 82.9



#20

cis-1,2-Dichloroethene

Concen: 94.660 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.000 min

Lab File: VV026979.D

Acq: 27 Jul 2022 02:56

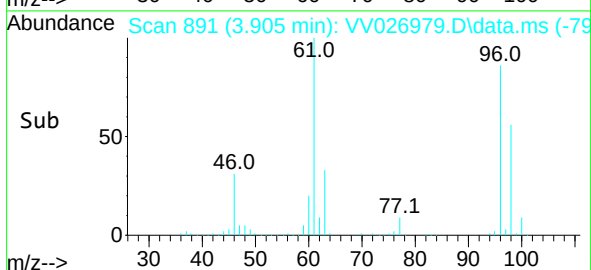
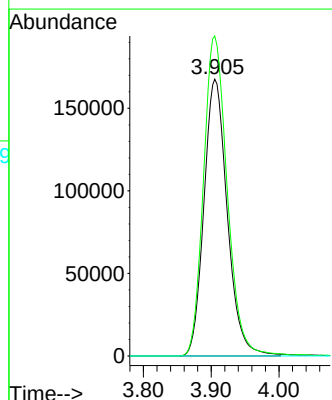
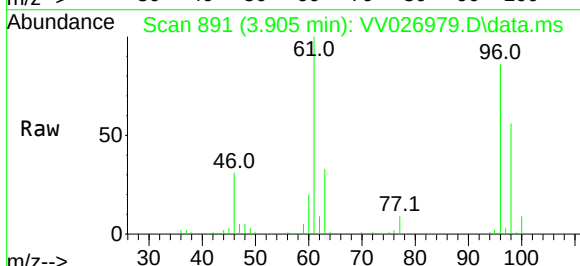
Tgt Ion: 96 Resp: 401972

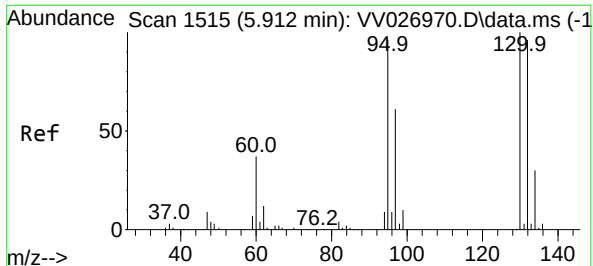
Ion Ratio Lower Upper

96 100

61 115.6 83.0 154.1

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 29.769 ug/L

RT: 5.912 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV026979.D

Acq: 27 Jul 2022 02:56

Instrument :

MSVOA\_V

ClientSampleId :

DBUF6

Tgt Ion: 95 Resp: 118141

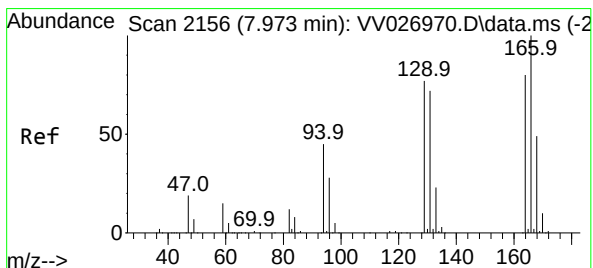
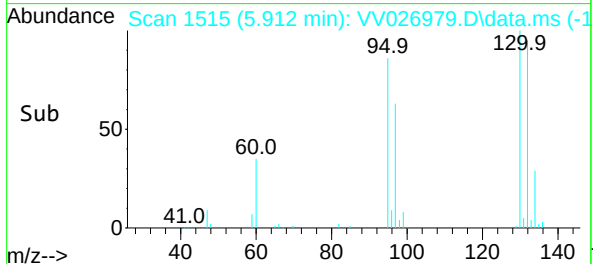
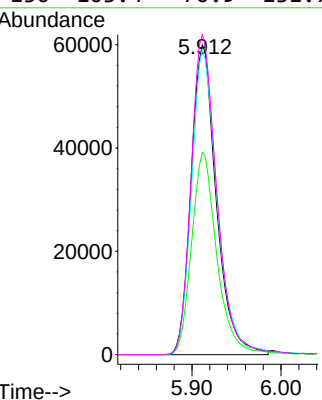
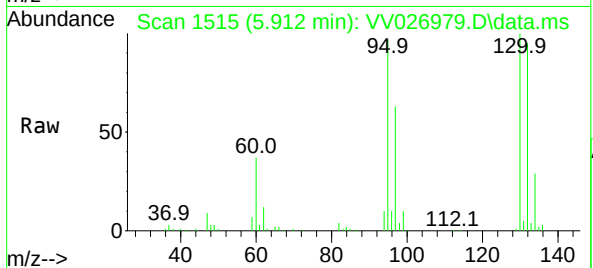
Ion Ratio Lower Upper

95 100

97 65.3 45.9 85.3

132 98.4 68.1 126.5

130 103.4 70.9 131.7



#46

Tetrachloroethene

Concen: 5436.930 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.010 min

Lab File: VV026979.D

Acq: 27 Jul 2022 02:56

Tgt Ion:164 Resp:16831550

Ion Ratio Lower Upper

164 100

129 100.0 66.3 123.1

131 98.4 63.1 117.3

166 100.0 86.2 160.2

