

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121121\  
 Data File : VX025752.D  
 Acq On : 11 Dec 2021 18:43  
 Operator : JC/MD  
 Sample : M5026-07  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 C0D02

Quant Time: Dec 12 06:36:30 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML112221WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Dec 11 00:48:07 2021  
 Response via : Initial Calibration

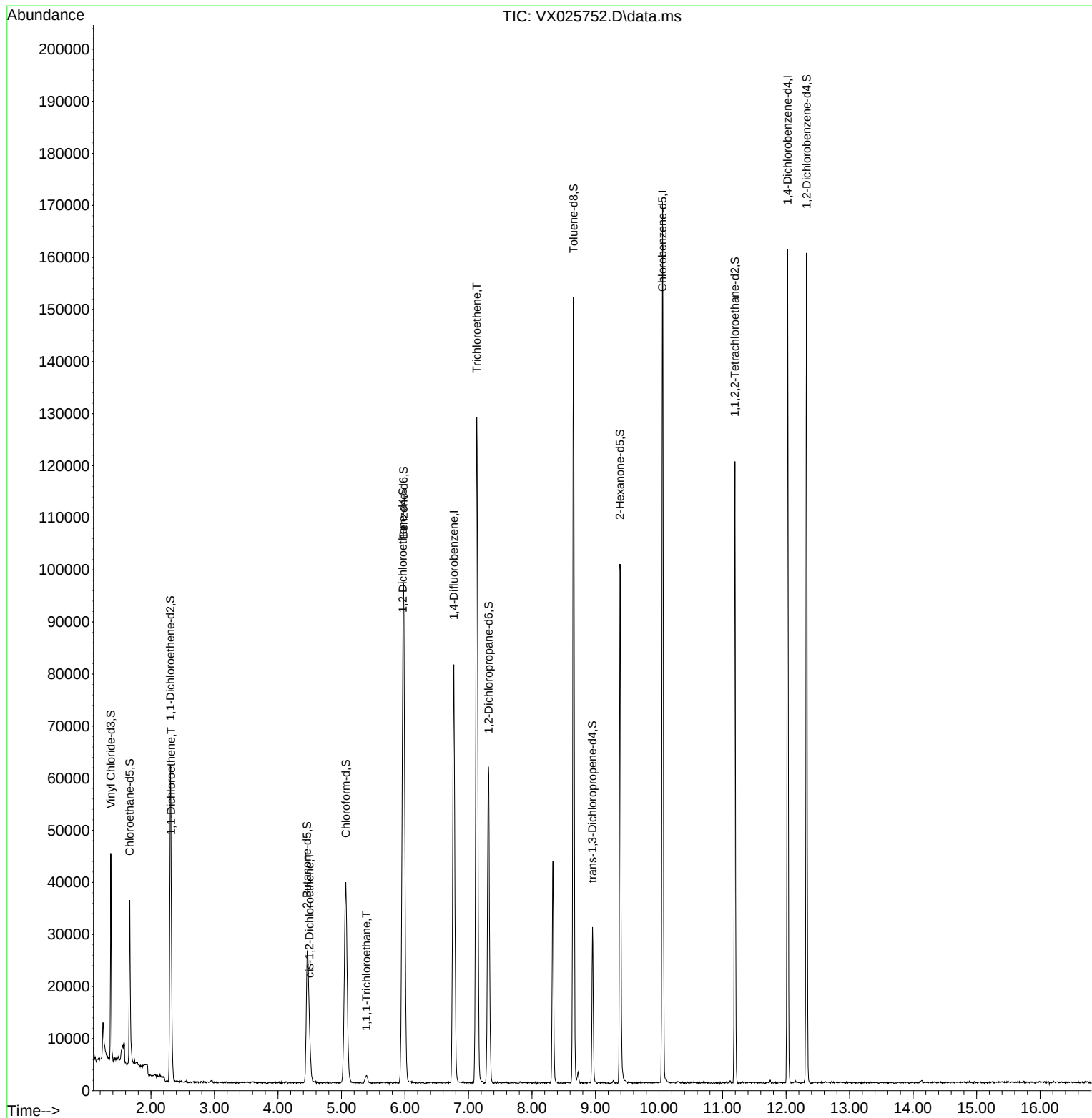
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.769   | 114   | 80662    | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055  | 117   | 75816    | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024  | 152   | 32589    | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.367   | 65    | 21352    | 38.788   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 77.580%  |
| 7) Chloroethane-d5            | 1.666   | 69    | 19891    | 43.781   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 87.560%  |
| 11) 1,1-Dichloroethene-d2     | 2.306   | 63    | 33489    | 38.155   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 76.300%  |
| 21) 2-Butanone-d5             | 4.458   | 46    | 42741    | 104.303  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 104.300% |
| 24) Chloroform-d              | 5.068   | 84    | 47687    | 49.567   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 99.140%  |
| 26) 1,2-Dichloroethane-d4     | 5.964   | 65    | 32342    | 53.932   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 107.860% |
| 32) Benzene-d6                | 5.976   | 84    | 92595    | 46.082   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 92.160%  |
| 36) 1,2-Dichloropropane-d6    | 7.318   | 67    | 29679    | 47.706   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 95.420%  |
| 41) Toluene-d8                | 8.653   | 98    | 85517    | 45.089   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 90.180%  |
| 43) trans-1,3-Dichloroprop... | 8.951   | 79    | 13458    | 43.027   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 86.060%  |
| 47) 2-Hexanone-d5             | 9.384   | 63    | 29129    | 89.949   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 89.950%  |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195  | 84    | 43362    | 49.318   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 98.640%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.323  | 152   | 30525    | 47.756   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 95.520%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 12) 1,1-Dichloroethene        | 2.318   | 96    | 2712     | 6.261    | ug/L # | 1        |
| 20) cis-1,2-Dichloroethene    | 4.495   | 96    | 3312     | 6.027    | ug/L   | 90       |
| 30) 1,1,1-Trichloroethane     | 5.391   | 97    | 1684     | 2.012    | ug/L # | 58       |
| 34) Trichloroethene           | 7.129   | 95    | 48069    | 90.232   | ug/L   | 95       |
| -----                         |         |       |          |          |        |          |

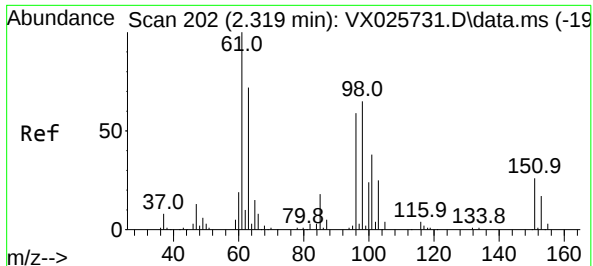
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 6.261 ug/L

RT: 2.318 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX025752.D

Acq: 11 Dec 2021 18:43

Instrument :

MSVOA\_X

ClientSampleId :

C0D02

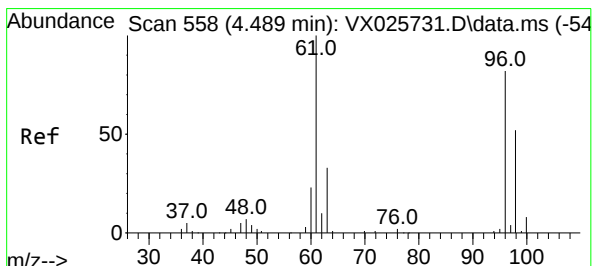
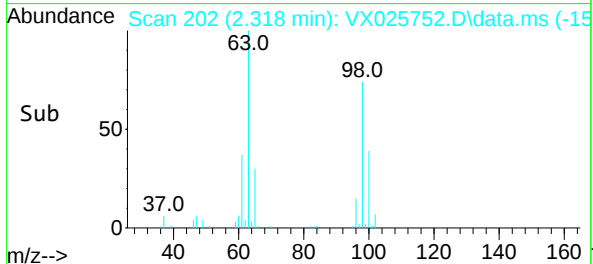
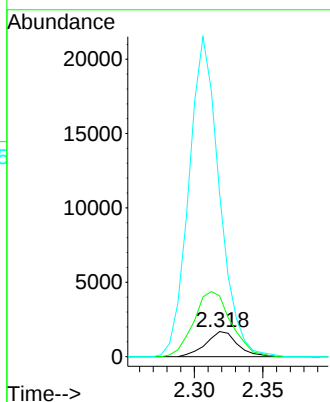
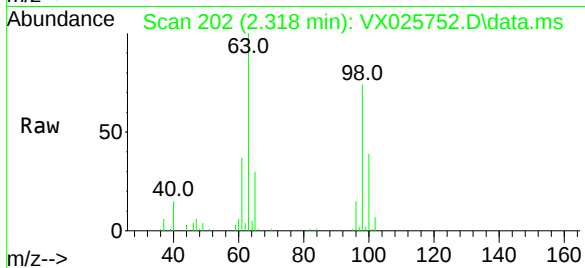
Tgt Ion: 96 Resp: 2712

Ion Ratio Lower Upper

96 100

61 241.7 108.7 201.9#

63 647.1 76.3 141.7#



#20

cis-1,2-Dichloroethene

Concen: 6.027 ug/L

RT: 4.495 min Scan# 559

Delta R.T. -0.000 min

Lab File: VX025752.D

Acq: 11 Dec 2021 18:43

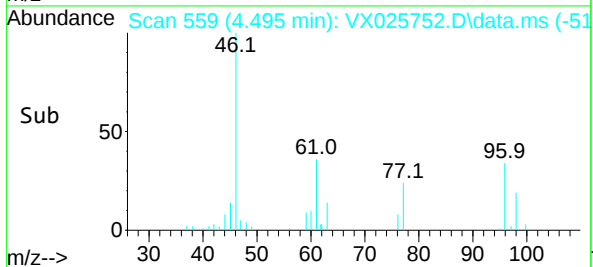
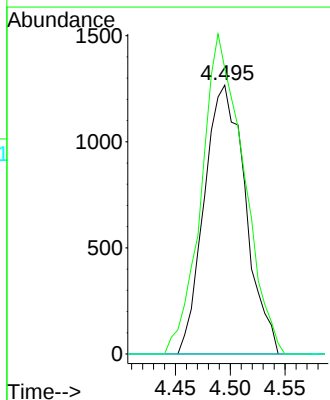
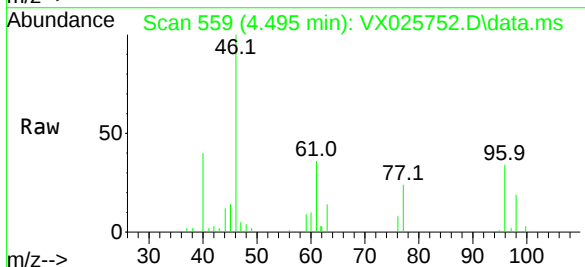
Tgt Ion: 96 Resp: 3312

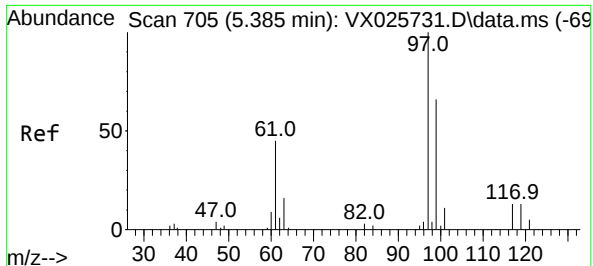
Ion Ratio Lower Upper

96 100

61 106.2 82.3 152.8

68 0.0 0.0 0.0





#30

1,1,1-Trichloroethane

Concen: 2.012 ug/L

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX025752.D

Acq: 11 Dec 2021 18:43

Instrument :

MSVOA\_X

ClientSampleId :

C0D02

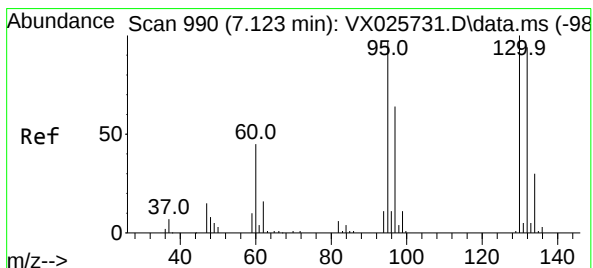
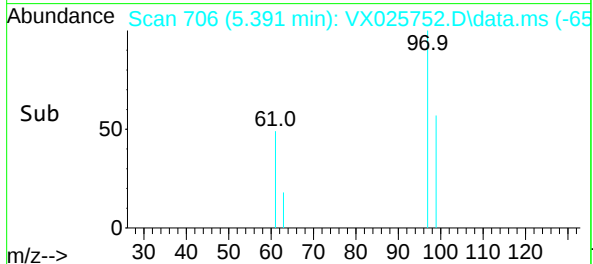
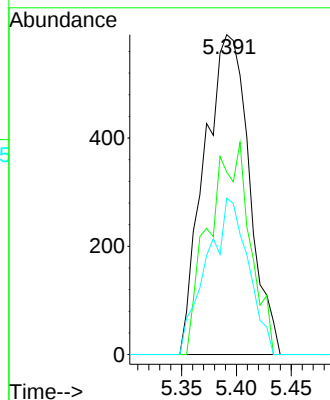
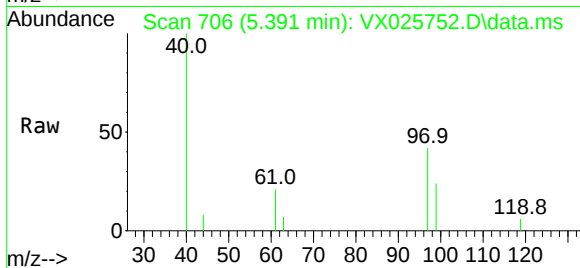
Tgt Ion: 97 Resp: 1684

Ion Ratio Lower Upper

97 100

99 22.2 51.5 77.3#

61 26.4 33.1 49.7#



#34

Trichloroethene

Concen: 90.232 ug/L

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX025752.D

Acq: 11 Dec 2021 18:43

Tgt Ion: 95 Resp: 48069

Ion Ratio Lower Upper

95 100

97 66.0 46.0 85.4

132 100.7 75.0 139.2

130 105.4 77.9 144.7

