

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW120722\  
 Data File : VW029443.D  
 Acq On : 08 Dec 2022 01:48  
 Operator : SY/MD  
 Sample : N5919-06  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0EF6

Quant Time: Dec 08 05:37:41 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM120722WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Dec 08 01:48:46 2022  
 Response via : Initial Calibration

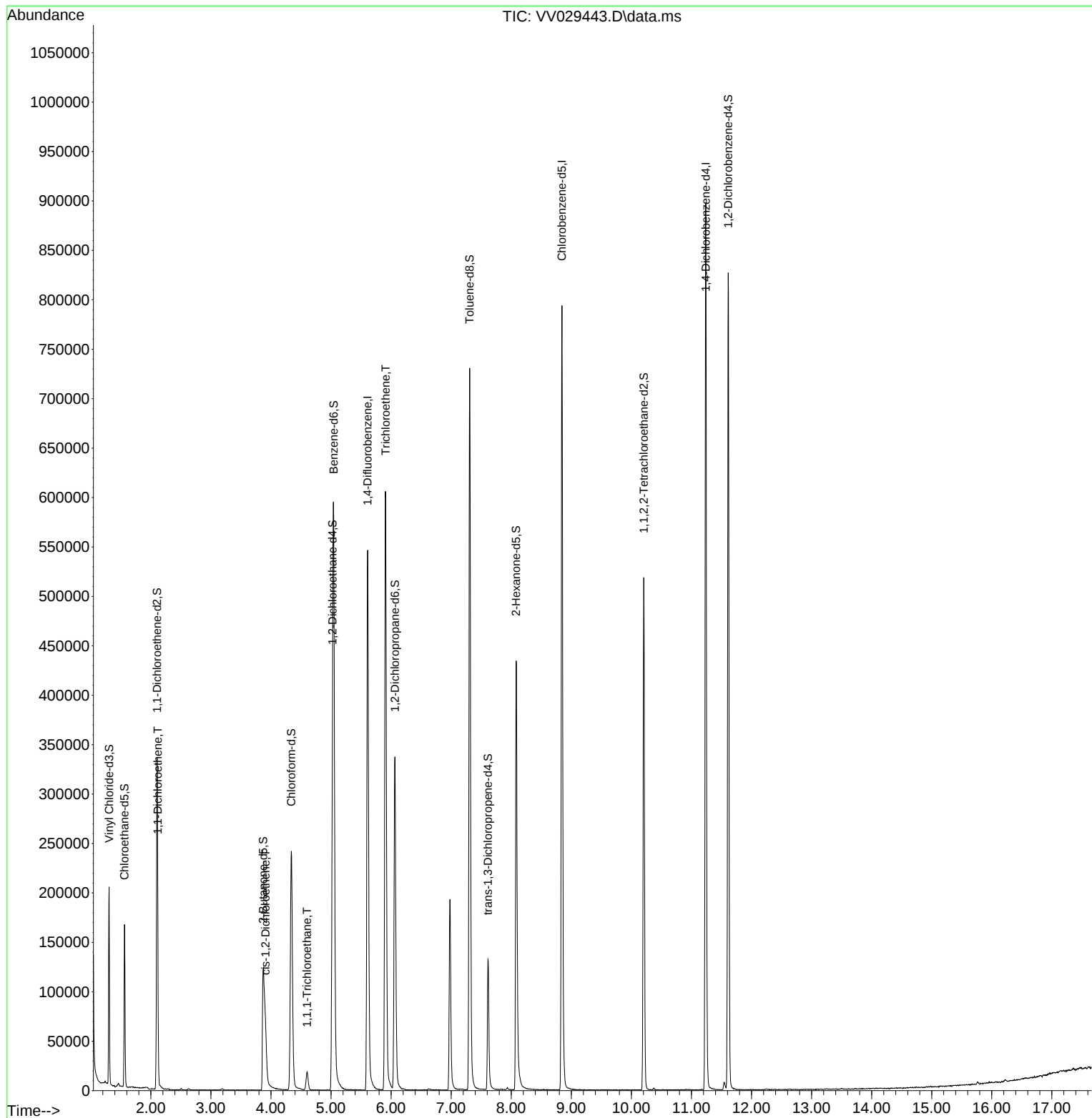
| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.609          | 114  | 505022     | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.844          | 117  | 466139     | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.239         | 152  | 239917     | 50.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.304          | 65   | 121907     | 39.420   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 78.840%  |       |          |
| 7) Chloroethane-d5            | 1.561          | 69   | 103808     | 44.021   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 88.040%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.105          | 63   | 165625     | 34.337   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 68.680%  |       |          |
| 21) 2-Butanone-d5             | 3.870          | 46   | 196291     | 104.049  | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 104.050% |       |          |
| 24) Chloroform-d              | 4.339          | 84   | 263322     | 45.248   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 90.500%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.024          | 65   | 160944     | 48.422   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 96.840%  |       |          |
| 32) Benzene-d6                | 5.043          | 84   | 568332     | 46.142   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 92.280%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.063          | 67   | 175891     | 46.751   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 93.500%  |       |          |
| 41) Toluene-d8                | 7.307          | 98   | 513739     | 44.267   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 88.540%  |       |          |
| 43) trans-1,3-Dichloroprop... | 7.612          | 79   | 81580      | 42.941   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 85.880%  |       |          |
| 47) 2-Hexanone-d5             | 8.082          | 63   | 166459     | 103.611  | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 103.610% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.207         | 84   | 257663     | 47.926   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 95.860%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.612         | 152  | 219039     | 47.960   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 95.920%  |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 12) 1,1-Dichloroethene        | 2.114          | 96   | 14573      | 5.398    | ug/L  | # 1      |
| 20) cis-1,2-Dichloroethene    | 3.908          | 96   | 28842      | 8.433    | ug/L  | 100      |
| 30) 1,1,1-Trichloroethane     | 4.600          | 97   | 15261      | 3.005    | ug/L  | 99       |
| 34) Trichloroethene           | 5.908          | 95   | 222214     | 67.492   | ug/L  | 98       |
| -----                         |                |      |            |          |       |          |

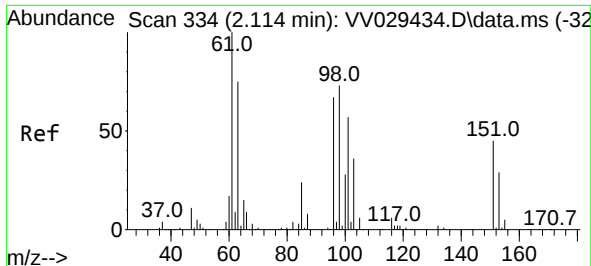
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 5.398 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV029443.D

Acq: 08 Dec 2022 01:48

Instrument :

MSVOA\_V

ClientSampleId :

C0EF6

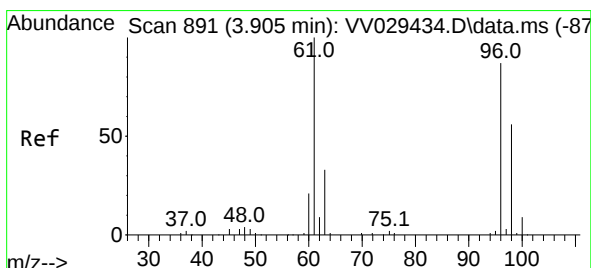
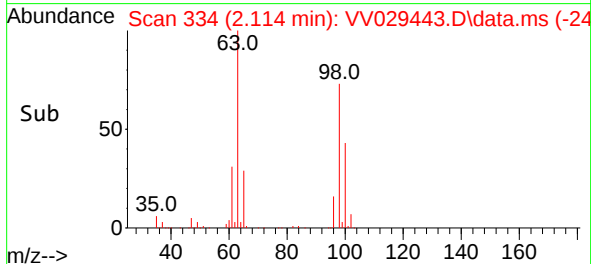
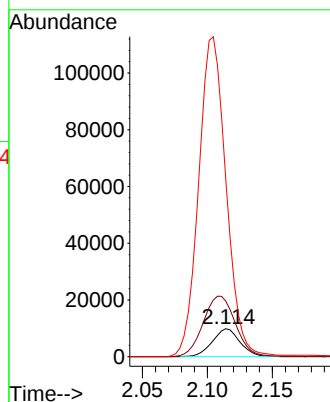
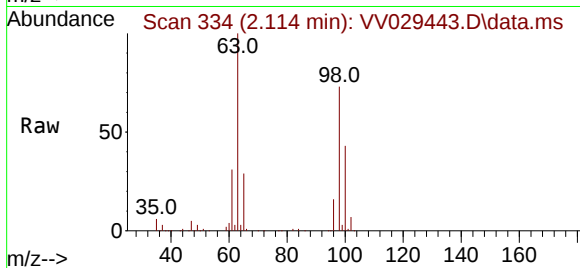
Tgt Ion: 96 Resp: 14573

Ion Ratio Lower Upper

96 100

61 197.8 103.3 191.9#

63 630.7 77.3 143.7#



#20

cis-1,2-Dichloroethene

Concen: 8.433 ug/L

RT: 3.908 min Scan# 892

Delta R.T. 0.003 min

Lab File: VV029443.D

Acq: 08 Dec 2022 01:48

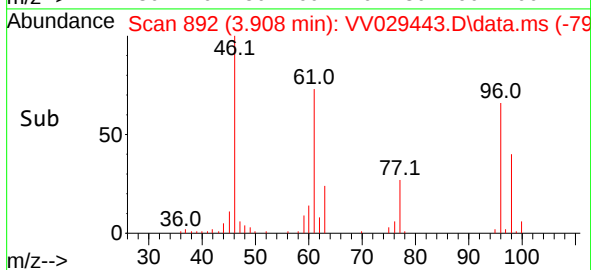
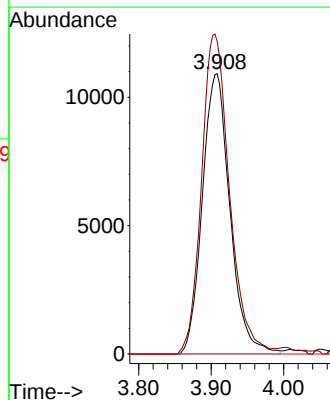
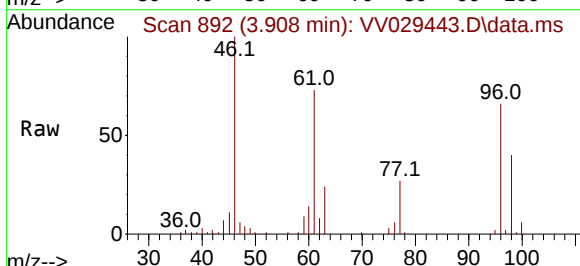
Tgt Ion: 96 Resp: 28842

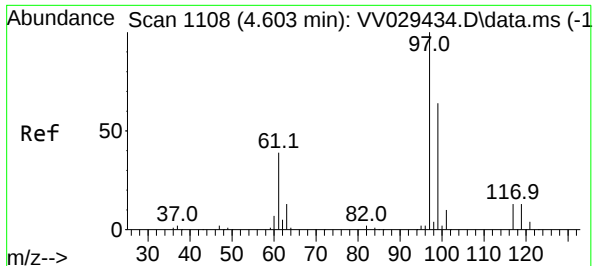
Ion Ratio Lower Upper

96 100

61 111.5 78.0 144.9

68 0.0 0.0 0.0





#30

1,1,1-Trichloroethane

Concen: 3.005 ug/L

RT: 4.600 min Scan# 1108

Delta R.T. -0.003 min

Lab File: VV029443.D

Acq: 08 Dec 2022 01:48

Instrument :

MSVOA\_V

ClientSampleId :

C0EF6

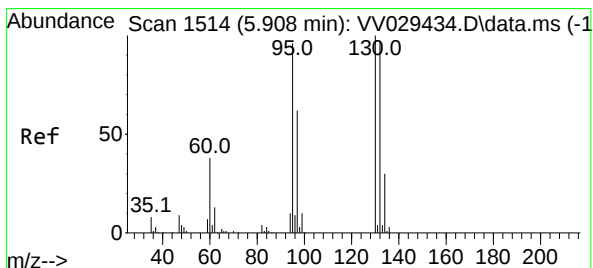
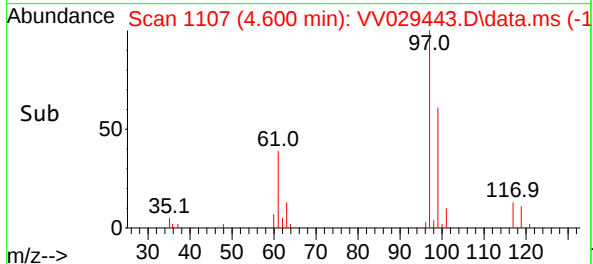
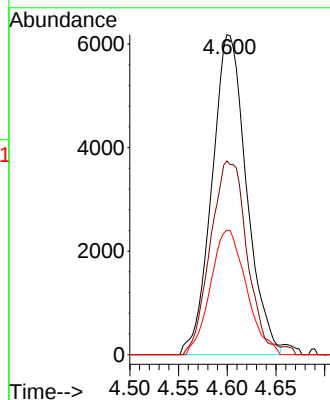
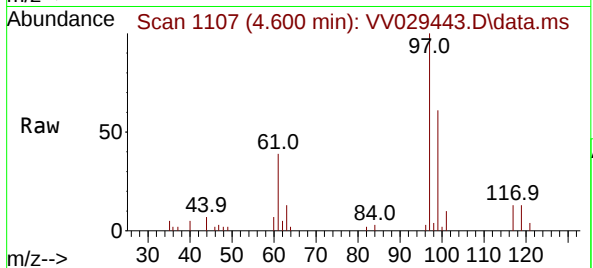
Tgt Ion: 97 Resp: 15261

Ion Ratio Lower Upper

97 100

99 64.1 52.1 78.1

61 40.5 31.8 47.8



#34

Trichloroethene

Concen: 67.492 ug/L

RT: 5.908 min Scan# 1514

Delta R.T. -0.000 min

Lab File: VV029443.D

Acq: 08 Dec 2022 01:48

Tgt Ion: 95 Resp: 222214

Ion Ratio Lower Upper

95 100

97 64.5 44.0 81.8

132 98.1 69.9 129.9

130 102.7 73.7 136.9

