

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW121523\  
 Data File : VW033428.D  
 Acq On : 16 Dec 2023 12:34  
 Operator : SY/MD  
 Sample : 05846-12DL 20X  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 59 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 YCHD3DL

Quant Time: Dec 16 20:27:06 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM121523WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Dec 16 20:24:09 2023  
 Response via : Initial Calibration

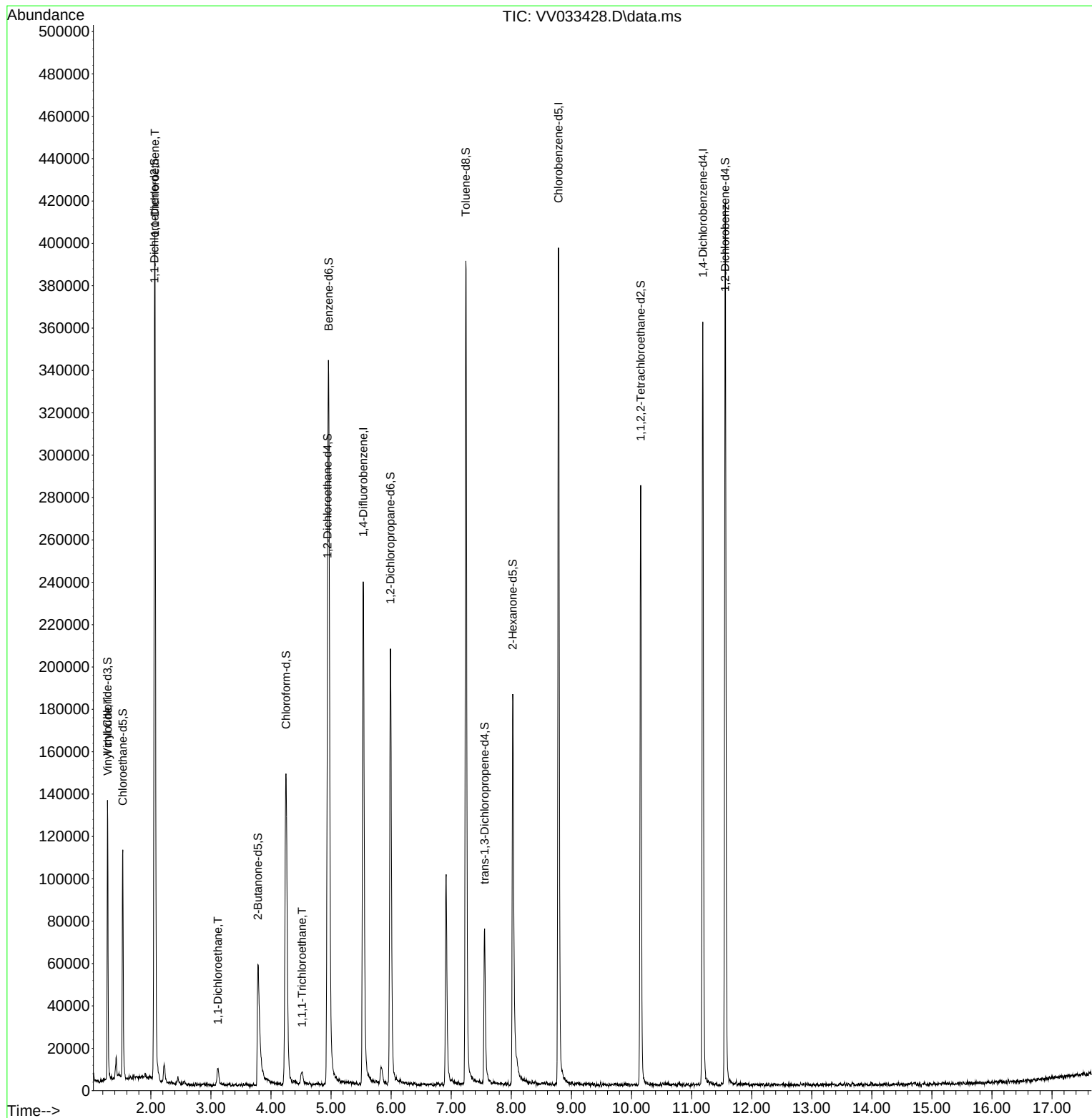
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.535          | 114  | 206112     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.786          | 117  | 214407     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.188         | 152  | 90929      | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278          | 65   | 75148      | 47.345   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 94.680%  |        |          |
| 7) Chloroethane-d5            | 1.532          | 69   | 69539      | 48.819   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 97.640%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.060          | 65   | 38007      | 48.102   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 96.200%  |        |          |
| 21) 2-Butanone-d5             | 3.783          | 46   | 89896      | 112.376  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 112.380% |        |          |
| 24) Chloroform-d              | 4.249          | 84   | 158342     | 50.432   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 100.860% |        |          |
| 26) 1,2-Dichloroethane-d4     | 4.941          | 65   | 105535     | 54.716   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 109.440% |        |          |
| 32) Benzene-d6                | 4.960          | 84   | 293850     | 50.886   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 101.780% |        |          |
| 36) 1,2-Dichloropropane-d6    | 5.989          | 67   | 92063      | 52.529   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 105.060% |        |          |
| 41) Toluene-d8                | 7.243          | 98   | 254393     | 48.145   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 96.280%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.555          | 79   | 41400      | 48.199   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 96.400%  |        |          |
| 47) 2-Hexanone-d5             | 8.024          | 63   | 61864      | 104.946  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 104.950% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153         | 84   | 129709     | 51.493   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 102.980% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.561         | 152  | 100838     | 59.014   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 118.020% |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 5) Vinyl chloride             | 1.282          | 62   | 8180       | 4.895    | ug/L   | 85       |
| 12) 1,1-Dichloroethene        | 2.069          | 96   | 72979      | 50.246   | ug/L   | 98       |
| 19) 1,1-Dichloroethane        | 3.114          | 63   | 7992       | 3.037    | ug/L   | 93       |
| 30) 1,1,1-Trichloroethane     | 4.516          | 97   | 4307       | 1.627    | ug/L # | 84       |
| -----                         |                |      |            |          |        |          |

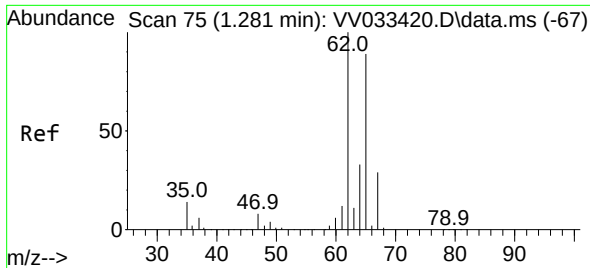
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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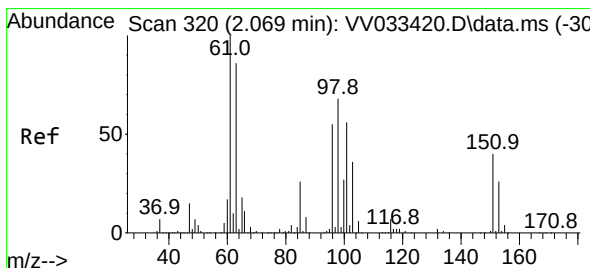
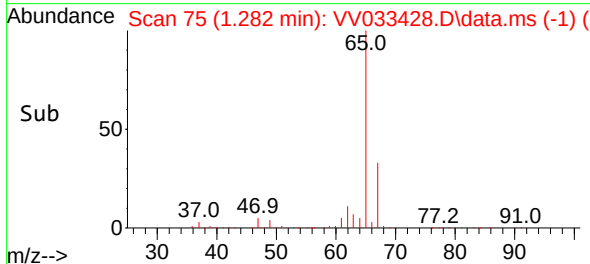
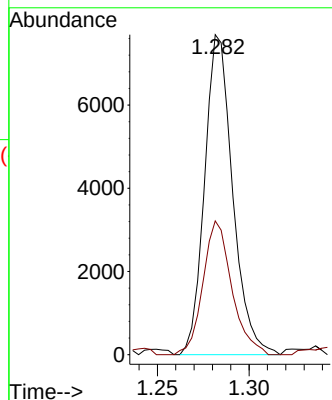
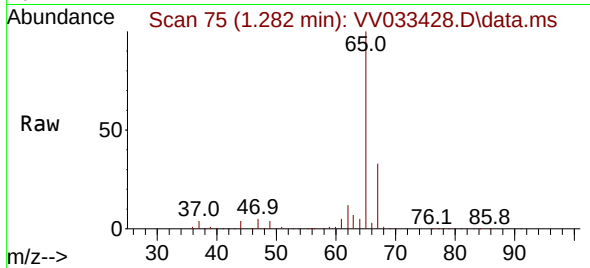




#5  
 Vinyl chloride  
 Concen: 4.895 ug/L  
 RT: 1.282 min Scan# 75  
 Delta R.T. 0.000 min  
 Lab File: VV033428.D  
 Acq: 16 Dec 2023 12:34

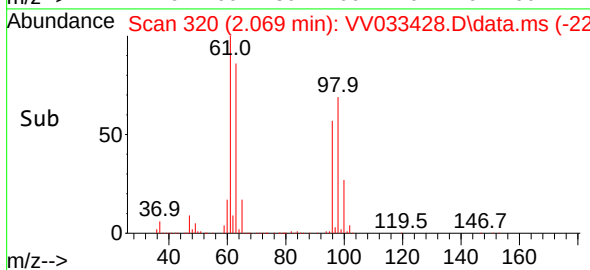
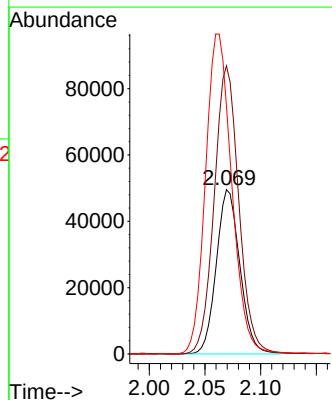
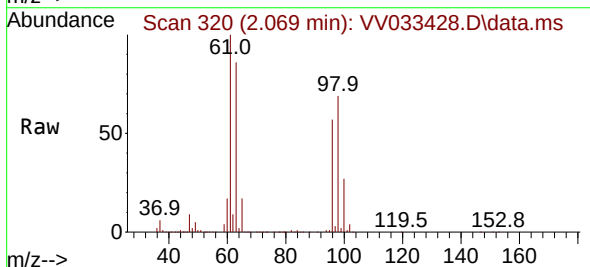
Instrument :  
 MSVOA\_V  
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 YCHD3DL

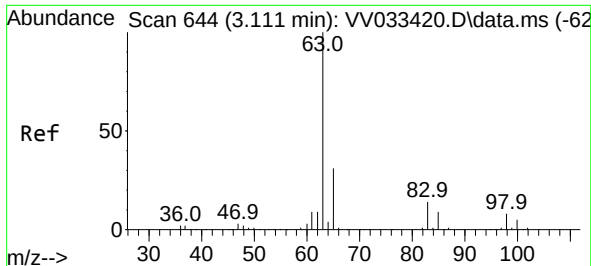
Tgt Ion: 62 Resp: 8180  
 Ion Ratio Lower Upper  
 62 100  
 64 41.8 23.4 43.6



#12  
 1,1-Dichloroethene  
 Concen: 50.246 ug/L  
 RT: 2.069 min Scan# 320  
 Delta R.T. 0.000 min  
 Lab File: VV033428.D  
 Acq: 16 Dec 2023 12:34

Tgt Ion: 96 Resp: 72979  
 Ion Ratio Lower Upper  
 96 100  
 61 175.4 124.3 230.8  
 63 151.1 108.1 200.7





#19

1,1-Dichloroethane

Concen: 3.037 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV033428.D

Acq: 16 Dec 2023 12:34

Instrument :

MSVOA\_V

ClientSampleId :

YCHD3DL

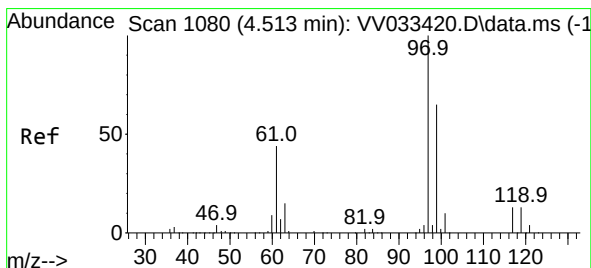
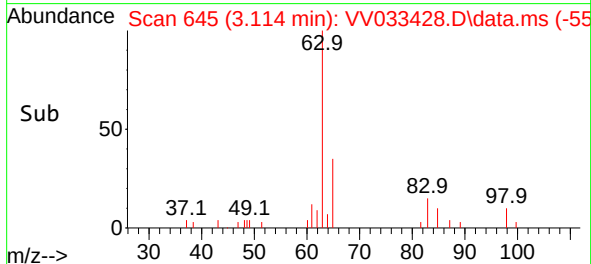
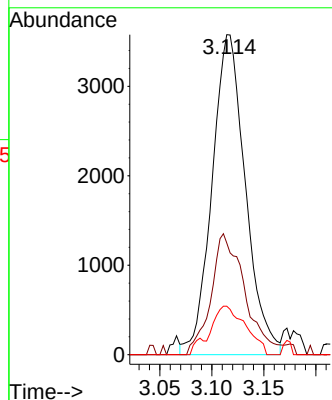
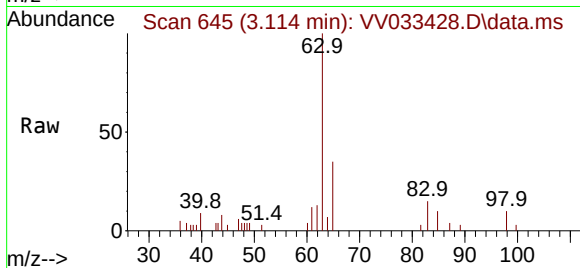
Tgt Ion: 63 Resp: 7992

Ion Ratio Lower Upper

63 100

65 34.9 21.1 39.3

83 15.2 9.7 17.9



#30

1,1,1-Trichloroethane

Concen: 1.627 ug/L

RT: 4.516 min Scan# 1081

Delta R.T. 0.003 min

Lab File: VV033428.D

Acq: 16 Dec 2023 12:34

Tgt Ion: 97 Resp: 4307

Ion Ratio Lower Upper

97 100

99 51.2 51.8 77.6#

61 53.2 34.8 52.2#

