

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW061623\  
 Data File : VW031568.D  
 Acq On : 16 Jun 2023 12:04  
 Operator : SY/MD  
 Sample : 03254-04  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EXYZ3

Quant Time: Jun 17 02:27:35 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM061423WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Jun 17 02:08:04 2023  
 Response via : Initial Calibration

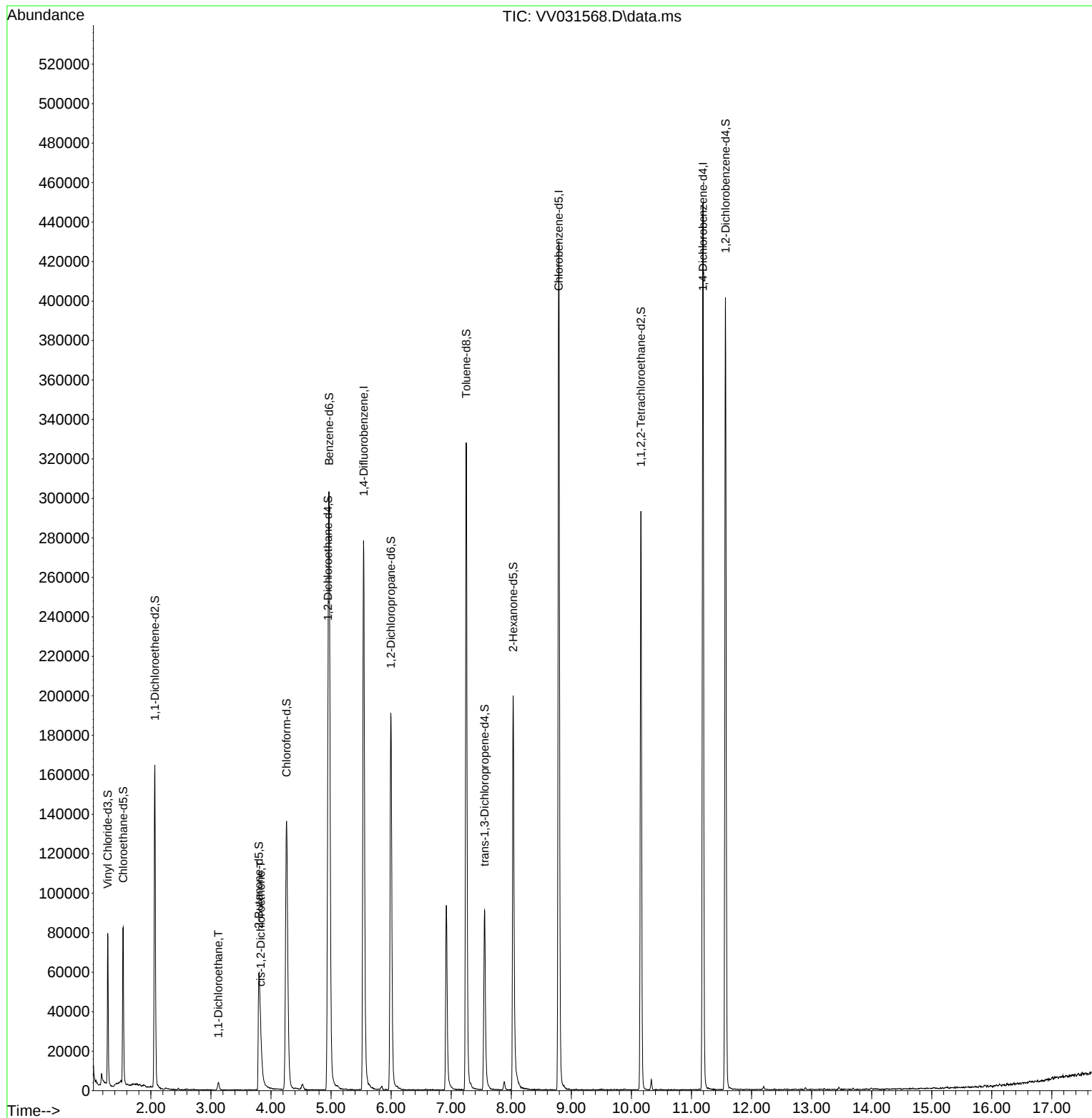
| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.542          | 114  | 229440     | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.792          | 117  | 231690     | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.191         | 152  | 114176     | 50.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.281          | 65   | 49913      | 32.687   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 65.380%  |       |          |
| 7) Chloroethane-d5            | 1.539          | 69   | 52518      | 39.417   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 78.840%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.066          | 65   | 28066      | 35.663   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 71.320%  |       |          |
| 21) 2-Butanone-d5             | 3.799          | 46   | 98677      | 79.807   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 79.810%  |       |          |
| 24) Chloroform-d              | 4.259          | 84   | 151669     | 39.660   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 79.320%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 4.950          | 65   | 100617     | 42.052   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 84.100%  |       |          |
| 32) Benzene-d6                | 4.969          | 84   | 261021     | 40.024   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 80.040%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 5.995          | 67   | 97116      | 42.015   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 84.040%  |       |          |
| 41) Toluene-d8                | 7.249          | 98   | 221273     | 36.974   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 73.940%# |       |          |
| 43) trans-1,3-Dichloroprop... | 7.558          | 79   | 43872      | 38.934   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 77.860%  |       |          |
| 47) 2-Hexanone-d5             | 8.033          | 63   | 70393      | 77.132   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 77.130%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.159         | 84   | 139498     | 39.983   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 79.960%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.567         | 152  | 100440     | 46.150   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 92.300%  |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 19) 1,1-Dichloroethane        | 3.124          | 63   | 4216       | 1.102    | ug/L  | 95       |
| 20) cis-1,2-Dichloroethene    | 3.831          | 96   | 4675       | 2.441    | ug/L  | 98       |
| -----                         |                |      |            |          |       |          |

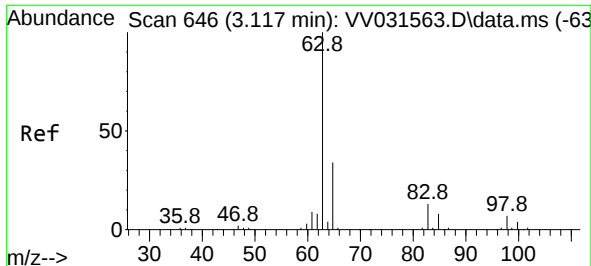
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

1,1-Dichloroethane

Concen: 1.102 ug/L

RT: 3.124 min Scan# 64

Delta R.T. 0.006 min

Lab File: VV031568.D

Acq: 16 Jun 2023 12:04

Instrument :

MSVOA\_V

ClientSampleId :

XYZ3

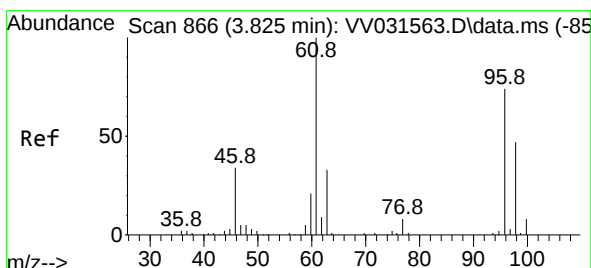
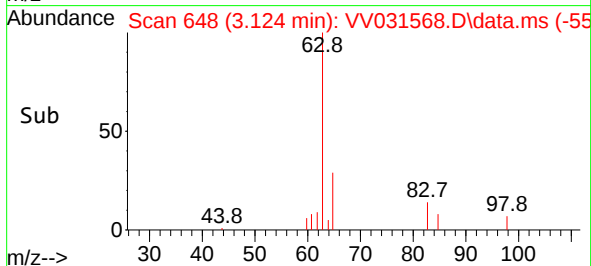
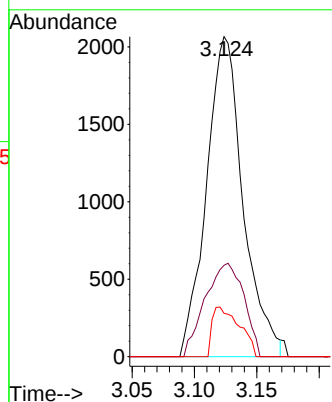
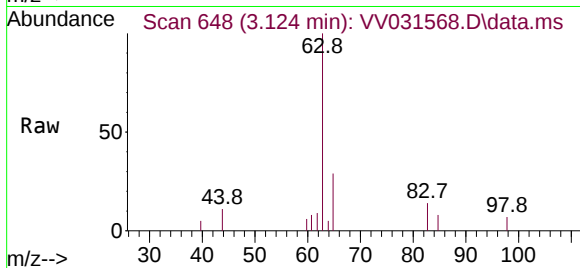
Tgt Ion: 63 Resp: 4216

Ion Ratio Lower Upper

63 100

65 28.6 22.5 41.7

83 13.6 10.0 18.6



#20

cis-1,2-Dichloroethene

Concen: 2.441 ug/L

RT: 3.831 min Scan# 868

Delta R.T. 0.006 min

Lab File: VV031568.D

Acq: 16 Jun 2023 12:04

Tgt Ion: 96 Resp: 4675

Ion Ratio Lower Upper

96 100

61 142.5 98.6 183.0

98 66.8 45.7 84.9

