

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV100722\  
 Data File : VV028414.D  
 Acq On : 07 Oct 2022 17:59  
 Operator : SY/MD  
 Sample : N4893-13  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F5J14

Quant Time: Oct 08 01:01:04 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM100722WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Oct 07 23:51:49 2022  
 Response via : Initial Calibration

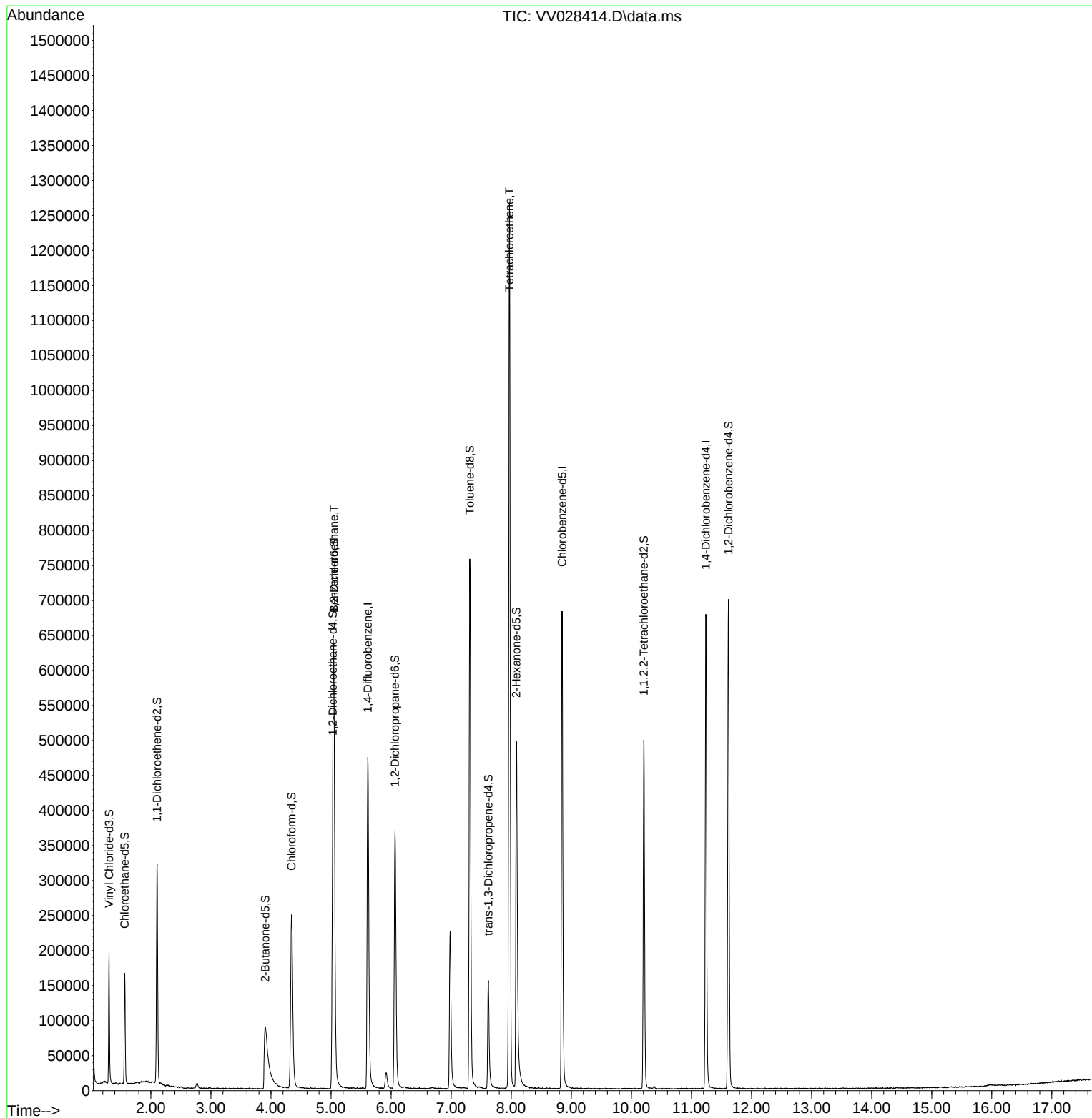
| Compound                      | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|-------|----------|
| -----                         |                |      |            |         |       |          |
| Internal Standards            |                |      |            |         |       |          |
| 1) 1,4-Difluorobenzene        | 5.613          | 114  | 407389     | 50.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.847          | 117  | 363987     | 50.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.239         | 152  | 173927     | 50.000  | ug/L  | 0.00     |
|                               |                |      |            |         |       |          |
| System Monitoring Compounds   |                |      |            |         |       |          |
| 4) Vinyl Chloride-d3          | 1.304          | 65   | 120556     | 38.352  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 76.700% |       |          |
| 7) Chloroethane-d5            | 1.564          | 69   | 102147     | 40.982  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 81.960% |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.101          | 63   | 165789     | 30.989  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 61.980% |       |          |
| 21) 2-Butanone-d5             | 3.905          | 46   | 267449     | 97.192  | ug/L  | 0.01     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 97.190% |       |          |
| 24) Chloroform-d              | 4.343          | 84   | 258596     | 44.855  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 89.700% |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.027          | 65   | 176326     | 47.424  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 94.840% |       |          |
| 32) Benzene-d6                | 5.047          | 84   | 550782     | 47.223  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 94.440% |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.066          | 67   | 183833     | 48.342  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 96.680% |       |          |
| 41) Toluene-d8                | 7.310          | 98   | 494617     | 47.366  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 94.740% |       |          |
| 43) trans-1,3-Dichloroprop... | 7.619          | 79   | 89533      | 46.192  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 92.380% |       |          |
| 47) 2-Hexanone-d5             | 8.085          | 63   | 197575     | 95.510  | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 95.510% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.207         | 84   | 244511     | 46.988  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 93.980% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.616         | 152  | 176201     | 48.892  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 97.780% |       |          |
|                               |                |      |            |         |       |          |
| Target Compounds              |                |      |            |         |       | Qvalue   |
| 27) 1,2-Dichloroethane        | 5.047          | 62   | 3228       | 0.760   | ug/L  | 97       |
| 46) Tetrachloroethene         | 7.969          | 164  | 273607     | 128.220 | ug/L  | 98       |
| -----                         |                |      |            |         |       |          |

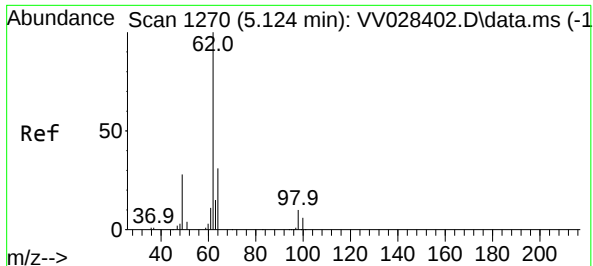
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#27

1,2-Dichloroethane

Concen: 0.760 ug/L

RT: 5.047 min Scan# 11

Delta R.T. -0.077 min

Lab File: VV028414.D

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Instrument :

MSVOA\_V

ClientSampleId :

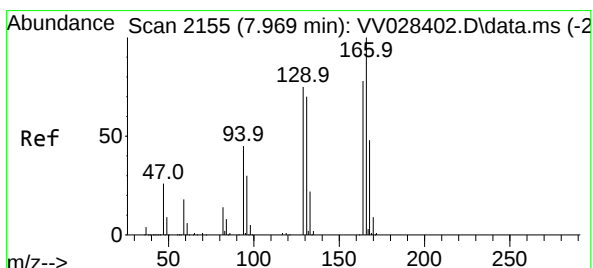
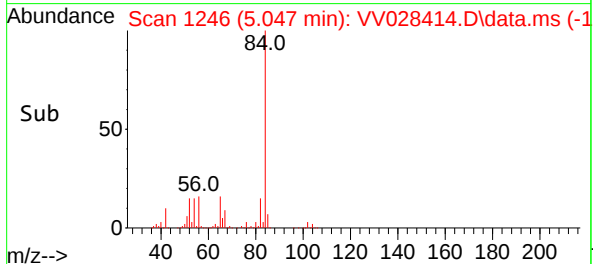
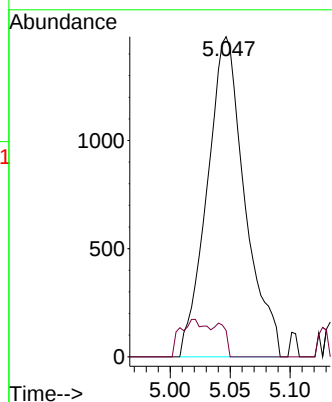
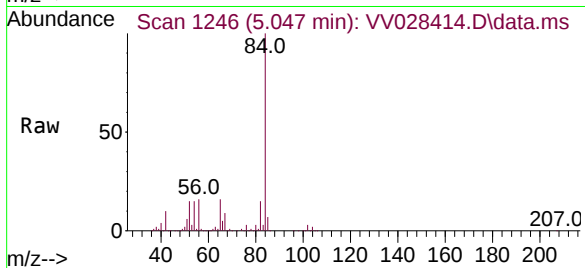
F5J14

Tgt Ion: 62 Resp: 3228

Ion Ratio Lower Upper

62 100

98 8.2 7.6 11.4



#46

Tetrachloroethene

Concen: 128.220 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.000 min

Lab File: VV028414.D

Acq: 07 Oct 2022 17:59

Tgt Ion: 164 Resp: 273607

Ion Ratio Lower Upper

164 100

129 97.0 67.4 125.2

131 90.5 65.2 121.2

166 129.6 88.5 164.4

