

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092024\  
 Data File : VV037431.D  
 Acq On : 20 Sep 2024 14:36  
 Operator : SY/MD  
 Sample : P3990-05  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AM3

Quant Time: Sep 20 23:36:12 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR091024WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Sep 20 23:32:27 2024  
 Response via : Initial Calibration

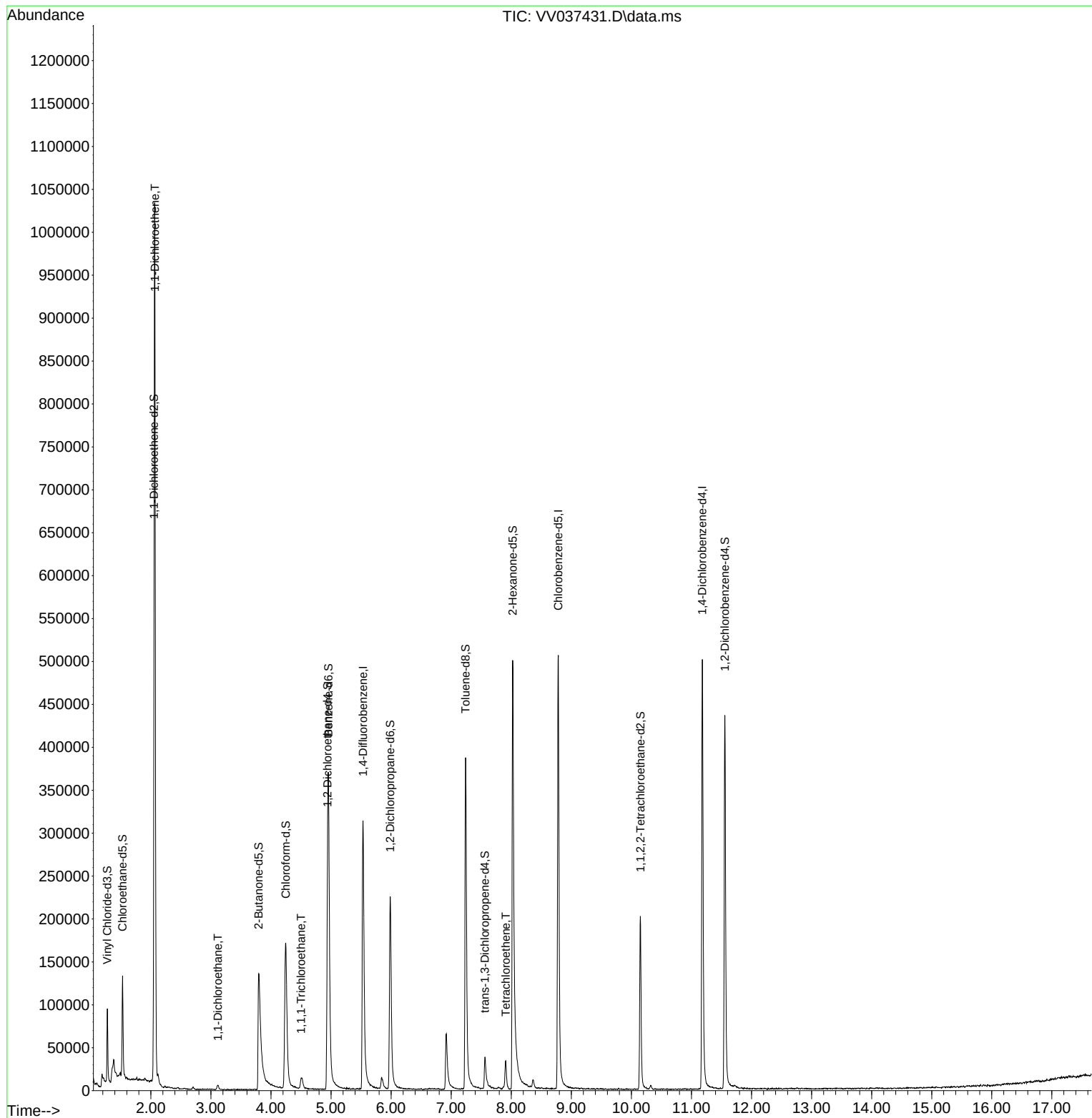
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.532  | 114   | 294144   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.783  | 117   | 304521   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.182 | 152   | 135524   | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.275  | 65    | 54830    | 3.177    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 63.600%  |
| 7) Chloroethane-d5            | 1.529  | 69    | 72821    | 4.047    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 81.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.053  | 65    | 31505    | 3.535    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 70.800%  |
| 20) 2-Butanone-d5             | 3.796  | 46    | 252819   | 49.022   | ug/L   | -0.03    |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 98.040%  |
| 24) Chloroform-d              | 4.246  | 84    | 193131   | 4.610    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 92.200%  |
| 26) 1,2-Dichloroethane-d4     | 4.941  | 65    | 94475    | 4.816    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 96.400%  |
| 32) Benzene-d6                | 4.957  | 84    | 352064   | 4.312    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 86.200%  |
| 36) 1,2-Dichloropropane-d6    | 5.986  | 67    | 121751   | 4.795    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 96.000%  |
| 41) Toluene-d8                | 7.240  | 98    | 281051   | 3.820    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 76.400%  |
| 43) trans-1,3-Dichloroprop... | 7.561  | 79    | 27827    | 3.332    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 66.600%  |
| 46) 2-Hexanone-d5             | 8.024  | 63    | 196419   | 48.134   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 96.260%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149 | 84    | 106077   | 5.126    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 102.600% |
| 66) 1,2-Dichlorobenzene-d4    | 11.558 | 152   | 119173   | 4.946    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 99.000%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
| 12) 1,1-Dichloroethene        | 2.066  | 96    | 277841   | 13.479   | ug/L # | 81       |
| 19) 1,1-Dichloroethane        | 3.114  | 63    | 5803     | 0.140    | ug/L # | 90       |
| 29) 1,1,1-Trichloroethane     | 4.503  | 97    | 11360    | 0.315    | ug/L # | 84       |
| 47) Tetrachloroethene         | 7.908  | 164   | 7510     | 0.424    | ug/L   | 91       |
| -----                         |        |       |          |          |        |          |

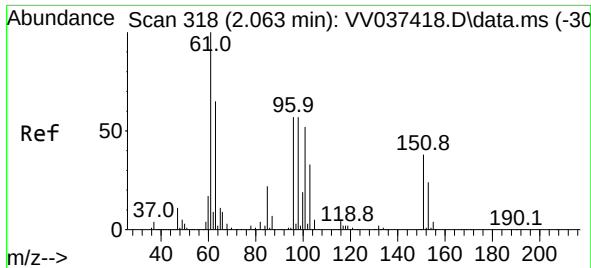
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 13.479 ug/L

RT: 2.066 min Scan# 318

Delta R.T. 0.003 min

Lab File: VV037431.D

Acq: 20 Sep 2024 14:36

Instrument :

MSVOA\_V

ClientSampleId :

COAM3

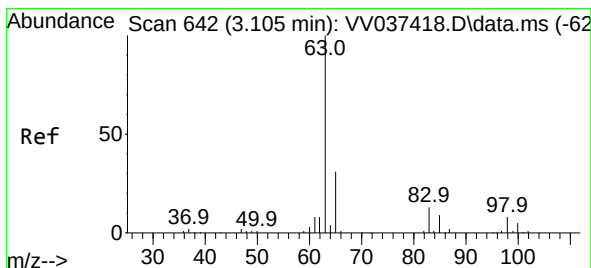
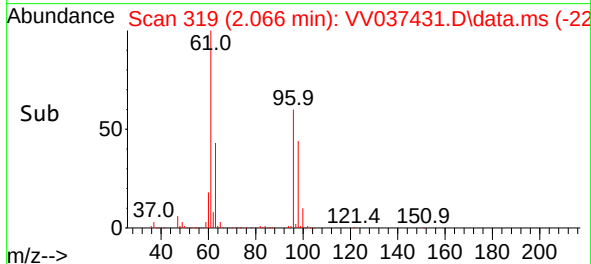
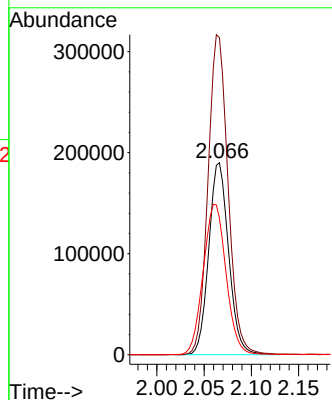
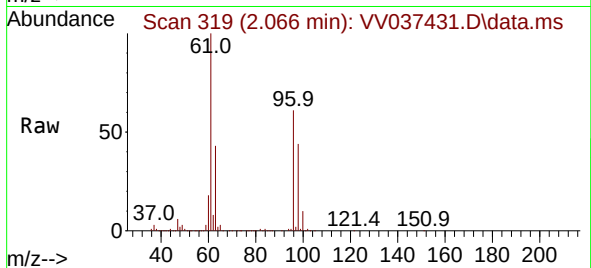
Tgt Ion: 96 Resp: 277841

Ion Ratio Lower Upper

96 100

61 165.2 119.9 222.7

63 71.3 81.4 151.2#



#19

1,1-Dichloroethane

Concen: 0.140 ug/L

RT: 3.114 min Scan# 645

Delta R.T. 0.010 min

Lab File: VV037431.D

Acq: 20 Sep 2024 14:36

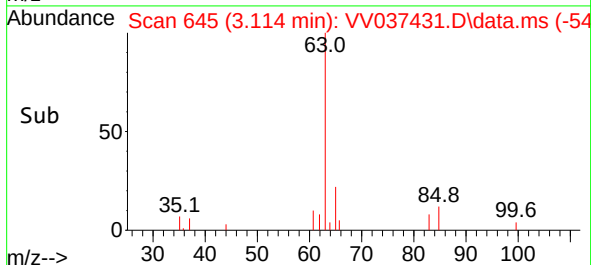
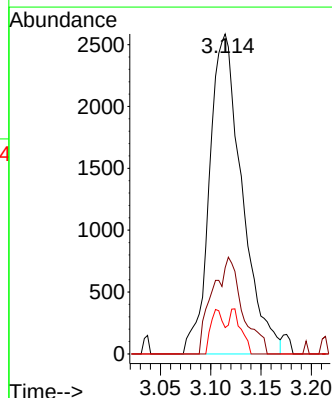
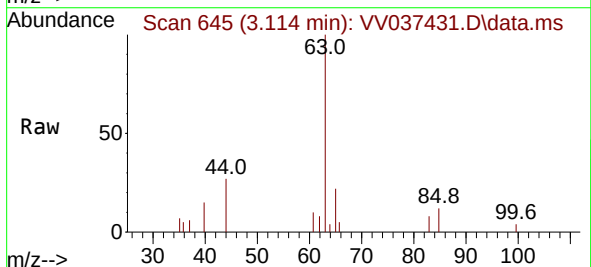
Tgt Ion: 63 Resp: 5803

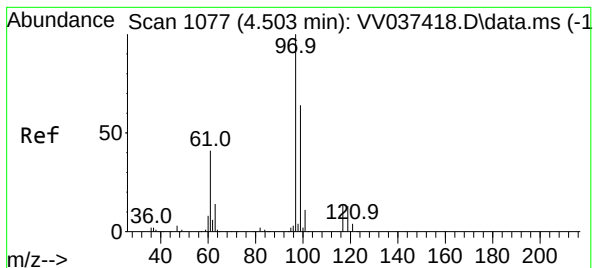
Ion Ratio Lower Upper

63 100

65 27.0 22.5 41.7

83 8.2 8.9 16.5#





#29

1,1,1-Trichloroethane

Concen: 0.315 ug/L

RT: 4.503 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV037431.D

Acq: 20 Sep 2024 14:36

Instrument :

MSVOA\_V

ClientSampleId :

C0AM3

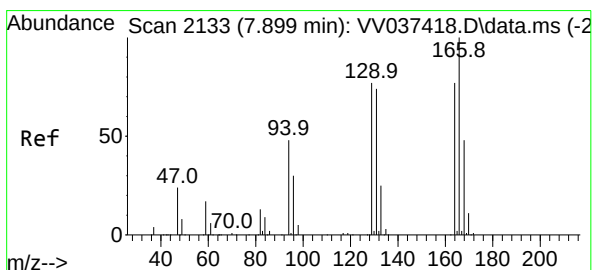
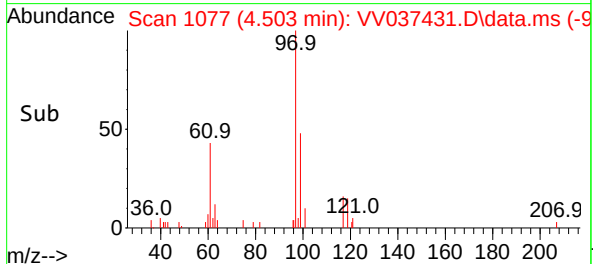
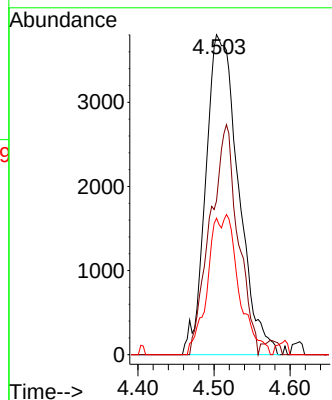
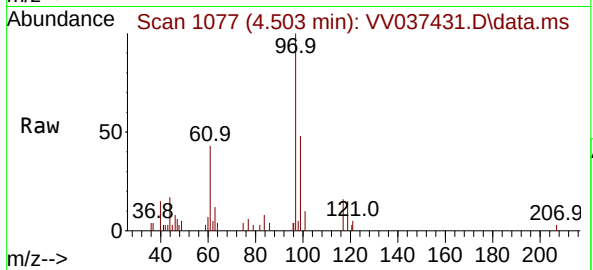
Tgt Ion: 97 Resp: 11360

Ion Ratio Lower Upper

97 100

99 61.3 50.0 75.0

61 19.7 34.3 51.5#



#47

Tetrachloroethene

Concen: 0.424 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.010 min

Lab File: VV037431.D

Acq: 20 Sep 2024 14:36

Tgt Ion:164 Resp: 7510

Ion Ratio Lower Upper

164 100

129 109.1 69.2 128.4

131 103.7 66.6 123.8

166 137.0 88.8 165.0

