

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW041223\  
 Data File : VW030517.D  
 Acq On : 12 Apr 2023 14:56  
 Operator : SY/MD  
 Sample : 02254-03DL 100X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AA2DL

Quant Time: Apr 13 02:49:06 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR032323WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Apr 13 02:44:31 2023  
 Response via : Initial Calibration

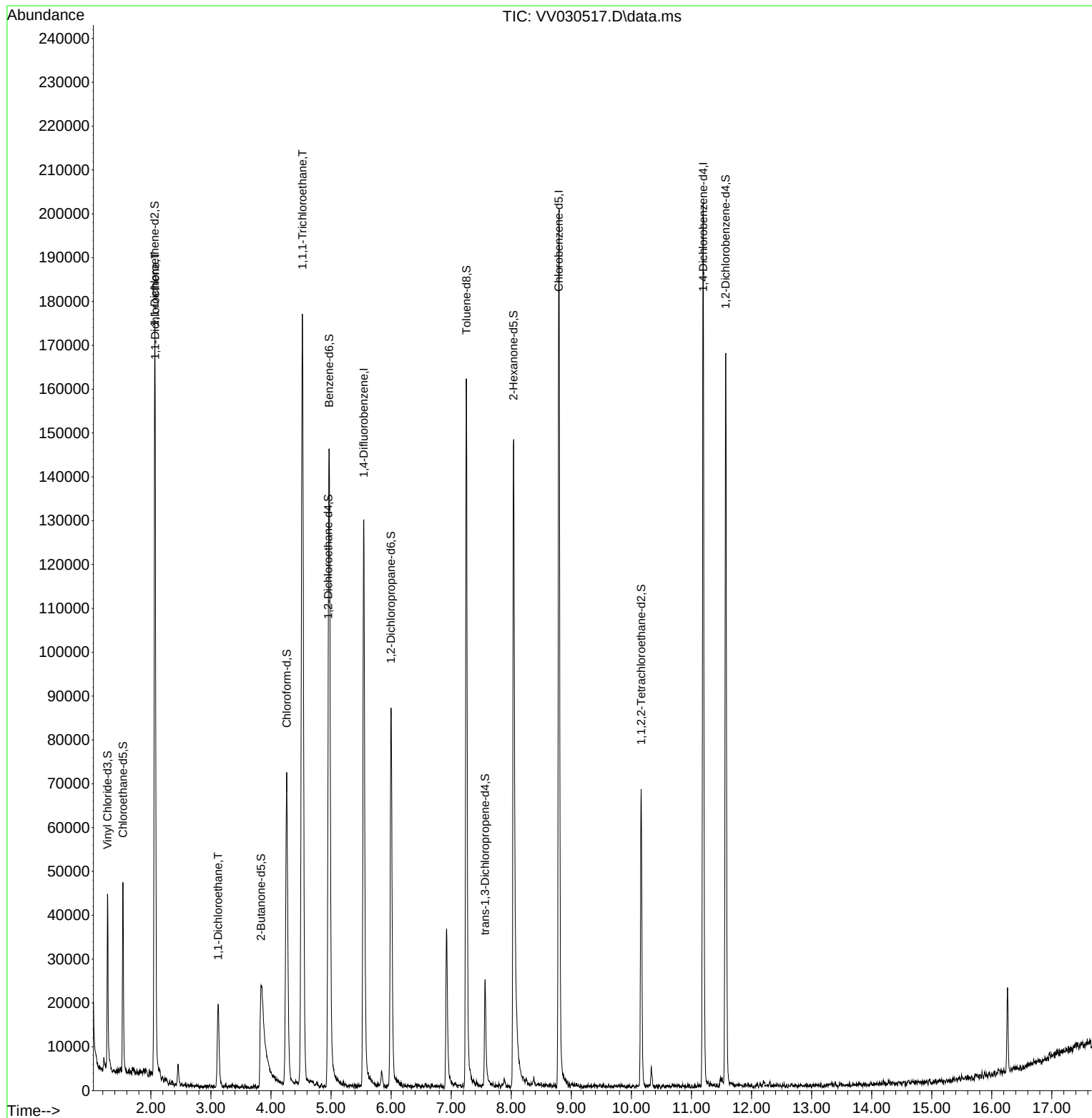
| Compound                      | R.T.   | QIon           | Response | Conc   | Units   | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|---------|----------|
| Internal Standards            |        |                |          |        |         |          |
| 1) 1,4-Difluorobenzene        | 5.542  | 114            | 110296   | 5.000  | ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 8.792  | 117            | 110874   | 5.000  | ug/L    | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.194 | 152            | 53074    | 5.000  | ug/L    | 0.00     |
| System Monitoring Compounds   |        |                |          |        |         |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65             | 26707    | 3.656  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 73.200% |          |
| 7) Chloroethane-d5            | 1.535  | 69             | 26430    | 3.728  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 74.600% |          |
| 11) 1,1-Dichloroethene-d2     | 2.063  | 63             | 67797    | 3.911  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 78.200% |          |
| 20) 2-Butanone-d5             | 3.834  | 46             | 74055    | 39.222 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 78.440% |          |
| 24) Chloroform-d              | 4.262  | 84             | 71483    | 4.043  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 80.800% |          |
| 26) 1,2-Dichloroethane-d4     | 4.953  | 65             | 37931    | 4.547  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 91.000% |          |
| 32) Benzene-d6                | 4.969  | 84             | 128861   | 4.124  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 82.400% |          |
| 36) 1,2-Dichloropropane-d6    | 5.998  | 67             | 40682    | 4.159  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 83.200% |          |
| 41) Toluene-d8                | 7.252  | 98             | 108789   | 3.792  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 75.800% |          |
| 43) trans-1,3-Dichloroprop... | 7.564  | 79             | 13556    | 3.681  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 73.600% |          |
| 46) 2-Hexanone-d5             | 8.037  | 63             | 58085    | 39.250 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 78.500% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.162 | 84             | 30741    | 3.988  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 79.800% |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.570 | 152            | 42994    | 4.532  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 90.600% |          |
| Target Compounds              |        |                |          |        |         |          |
| 12) 1,1-Dichloroethene        | 2.072  | 96             | 29277    | 3.177  | ug/L    | 92       |
| 19) 1,1-Dichloroethane        | 3.121  | 63             | 18299    | 0.972  | ug/L    | 92       |
| 29) 1,1,1-Trichloroethane     | 4.522  | 97             | 145815   | 8.182  | ug/L    | 100      |

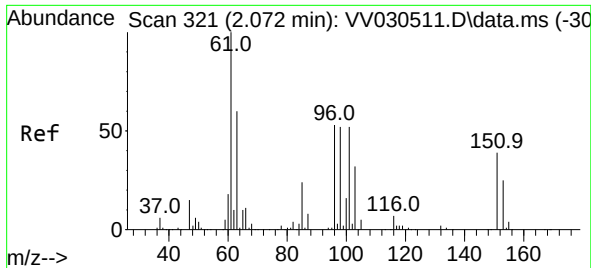
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 3.177 ug/L

RT: 2.072 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV030517.D

Acq: 12 Apr 2023 14:56

Instrument :

MSVOA\_V

ClientSampleId :

C0AA2DL

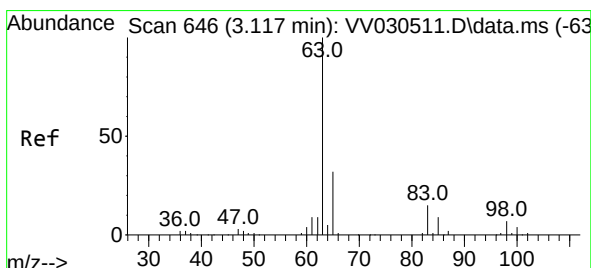
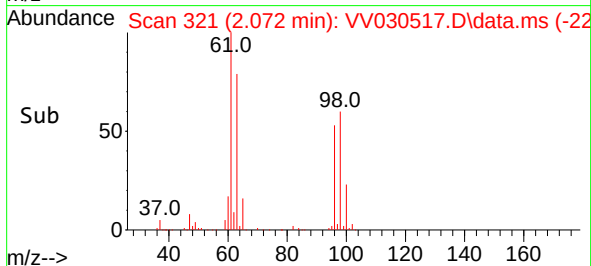
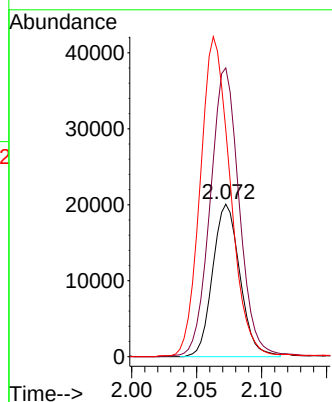
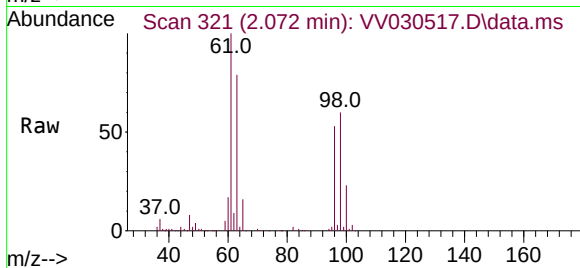
Tgt Ion: 96 Resp: 29277

Ion Ratio Lower Upper

96 100

61 189.3 136.3 253.1

63 148.7 92.1 171.1



#19

1,1-Dichloroethane

Concen: 0.972 ug/L

RT: 3.121 min Scan# 647

Delta R.T. 0.003 min

Lab File: VV030517.D

Acq: 12 Apr 2023 14:56

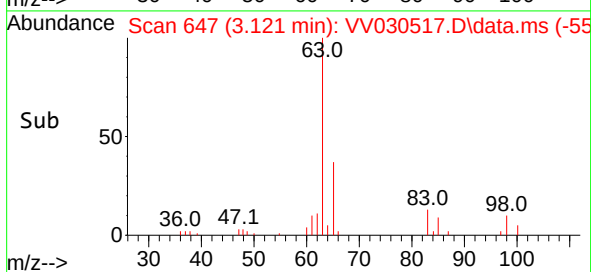
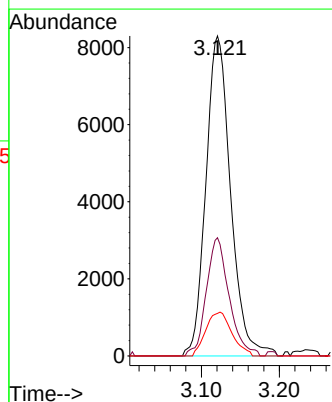
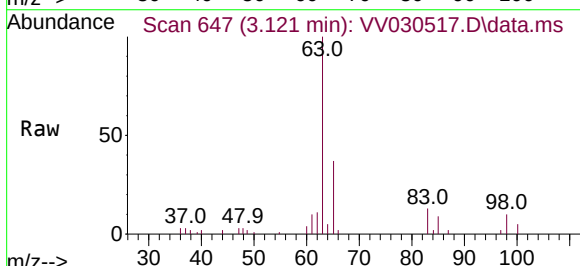
Tgt Ion: 63 Resp: 18299

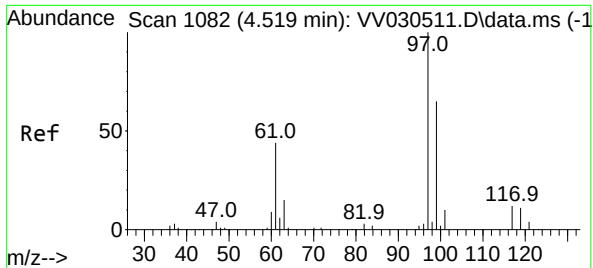
Ion Ratio Lower Upper

63 100

65 36.9 21.7 40.3

83 13.3 9.1 16.9





#29  
 1,1,1-Trichloroethane  
 Concen: 8.182 ug/L  
 RT: 4.522 min Scan# 10  
 Delta R.T. 0.003 min  
 Lab File: VV030517.D  
 Acq: 12 Apr 2023 14:56

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AA2DL

Tgt Ion: 97 Resp: 145815

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 63.4  | 50.9  | 76.3  |
| 61  | 45.2  | 35.9  | 53.9  |

