

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW041223\  
 Data File : VW030518.D  
 Acq On : 12 Apr 2023 15:20  
 Operator : SY/MD  
 Sample : 02254-04DL 100X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AA3DL

Quant Time: Apr 13 02:49:21 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

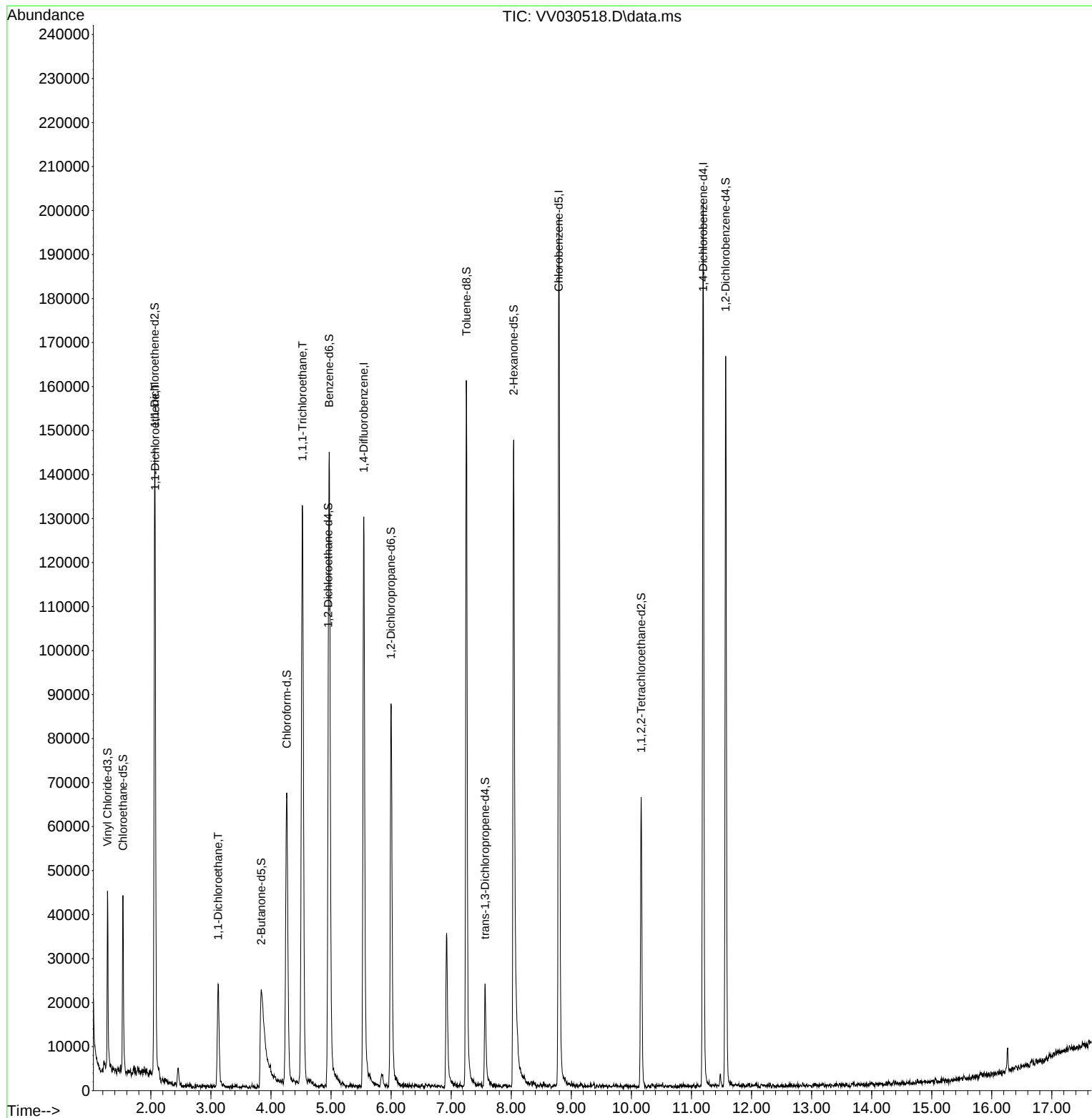
| Compound                      | R.T.   | QIon           | Response | Conc   | Units   | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|---------|----------|
| Internal Standards            |        |                |          |        |         |          |
| 1) 1,4-Difluorobenzene        | 5.545  | 114            | 112445   | 5.000  | ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 8.792  | 117            | 111796   | 5.000  | ug/L    | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.194 | 152            | 53743    | 5.000  | ug/L    | 0.00     |
| System Monitoring Compounds   |        |                |          |        |         |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65             | 26622    | 3.575  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 71.400% |          |
| 7) Chloroethane-d5            | 1.535  | 69             | 25617    | 3.545  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 70.800% |          |
| 11) 1,1-Dichloroethene-d2     | 2.063  | 63             | 61582    | 3.485  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 69.600% |          |
| 20) 2-Butanone-d5             | 3.838  | 46             | 64277    | 33.392 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 66.780% |          |
| 24) Chloroform-d              | 4.262  | 84             | 71164    | 3.948  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 79.000% |          |
| 26) 1,2-Dichloroethane-d4     | 4.953  | 65             | 36882    | 4.337  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 86.800% |          |
| 32) Benzene-d6                | 4.969  | 84             | 124906   | 3.965  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 79.200% |          |
| 36) 1,2-Dichloropropane-d6    | 5.998  | 67             | 39722    | 4.027  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 80.600% |          |
| 41) Toluene-d8                | 7.252  | 98             | 108948   | 3.766  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 75.400% |          |
| 43) trans-1,3-Dichloroprop... | 7.564  | 79             | 13268    | 3.573  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 71.400% |          |
| 46) 2-Hexanone-d5             | 8.040  | 63             | 56919    | 38.145 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 76.280% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.162 | 84             | 29856    | 3.841  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 76.800% |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.570 | 152            | 43106    | 4.488  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 89.800% |          |
| Target Compounds              |        |                |          |        |         |          |
| 12) 1,1-Dichloroethene        | 2.072  | 96             | 21085    | 2.244  | ug/L    | 82       |
| 19) 1,1-Dichloroethane        | 3.121  | 63             | 22269    | 1.161  | ug/L    | 95       |
| 29) 1,1,1-Trichloroethane     | 4.522  | 97             | 105576   | 5.876  | ug/L    | 100      |

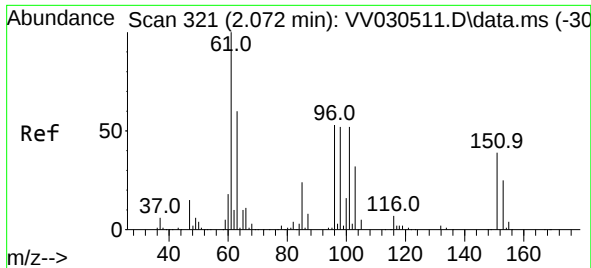
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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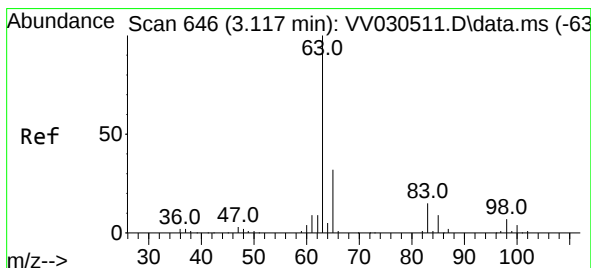
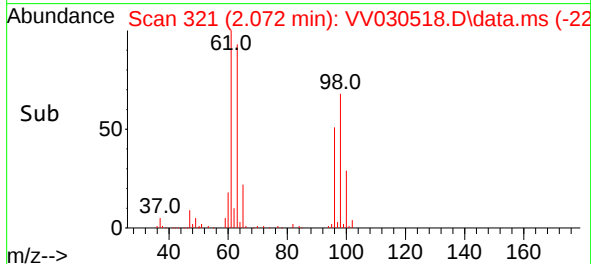
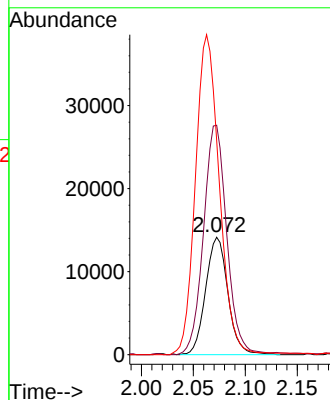
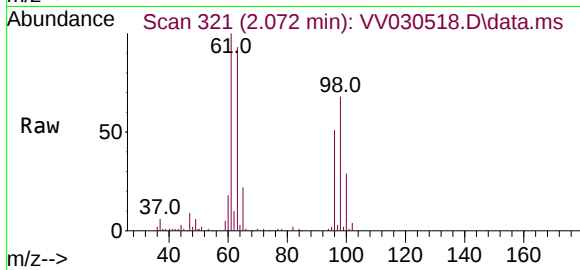




#12  
1,1-Dichloroethene  
Concen: 2.244 ug/L  
RT: 2.072 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VV030518.D  
Acq: 12 Apr 2023 15:20

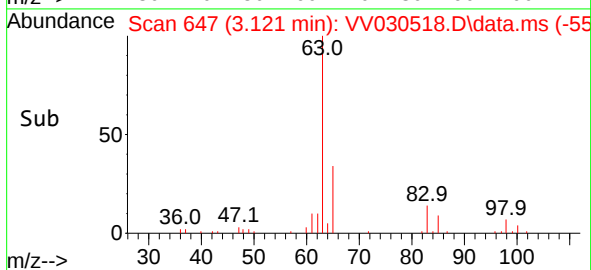
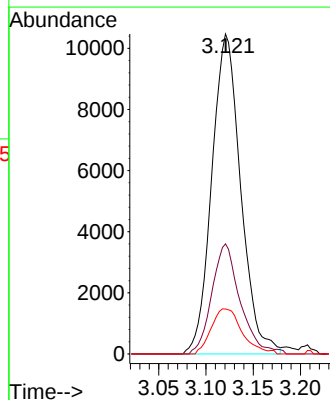
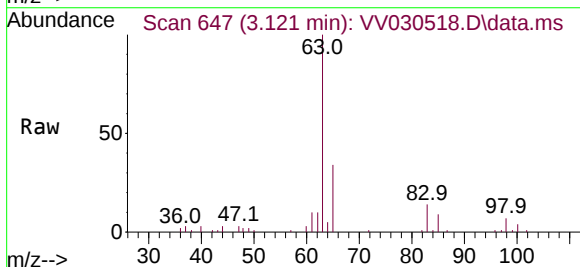
Instrument :  
MSVOA\_V  
ClientSampleId :  
C0AA3DL

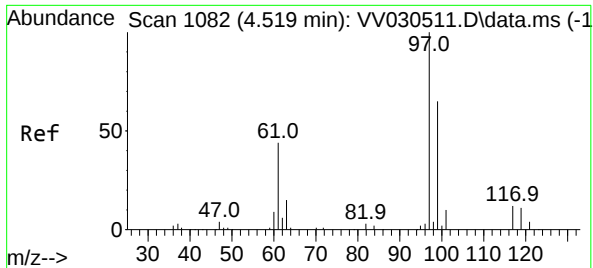
Tgt Ion: 96 Resp: 21085  
Ion Ratio Lower Upper  
96 100  
61 195.4 136.3 253.1  
63 182.4 92.1 171.1#



#19  
1,1-Dichloroethane  
Concen: 1.161 ug/L  
RT: 3.121 min Scan# 647  
Delta R.T. 0.003 min  
Lab File: VV030518.D  
Acq: 12 Apr 2023 15:20

Tgt Ion: 63 Resp: 22269  
Ion Ratio Lower Upper  
63 100  
65 34.4 21.7 40.3  
83 14.1 9.1 16.9





#29  
 1,1,1-Trichloroethane  
 Concen: 5.876 ug/L  
 RT: 4.522 min Scan# 10  
 Delta R.T. 0.003 min  
 Lab File: VV030518.D  
 Acq: 12 Apr 2023 15:20

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AA3DL

Tgt Ion: 97 Resp: 105576

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 64.2  | 50.9  | 76.3  |
| 61  | 44.9  | 35.9  | 53.9  |

