

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV031022\  
 Data File : VV024937.D  
 Acq On : 11 Mar 2022 00:29  
 Operator : SY/MD  
 Sample : N1879-01  
 Misc : 5mL/MSVOA\_V/WATER  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0D82

Quant Time: Mar 11 05:27:23 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM022822WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Mar 11 05:21:24 2022  
 Response via : Initial Calibration

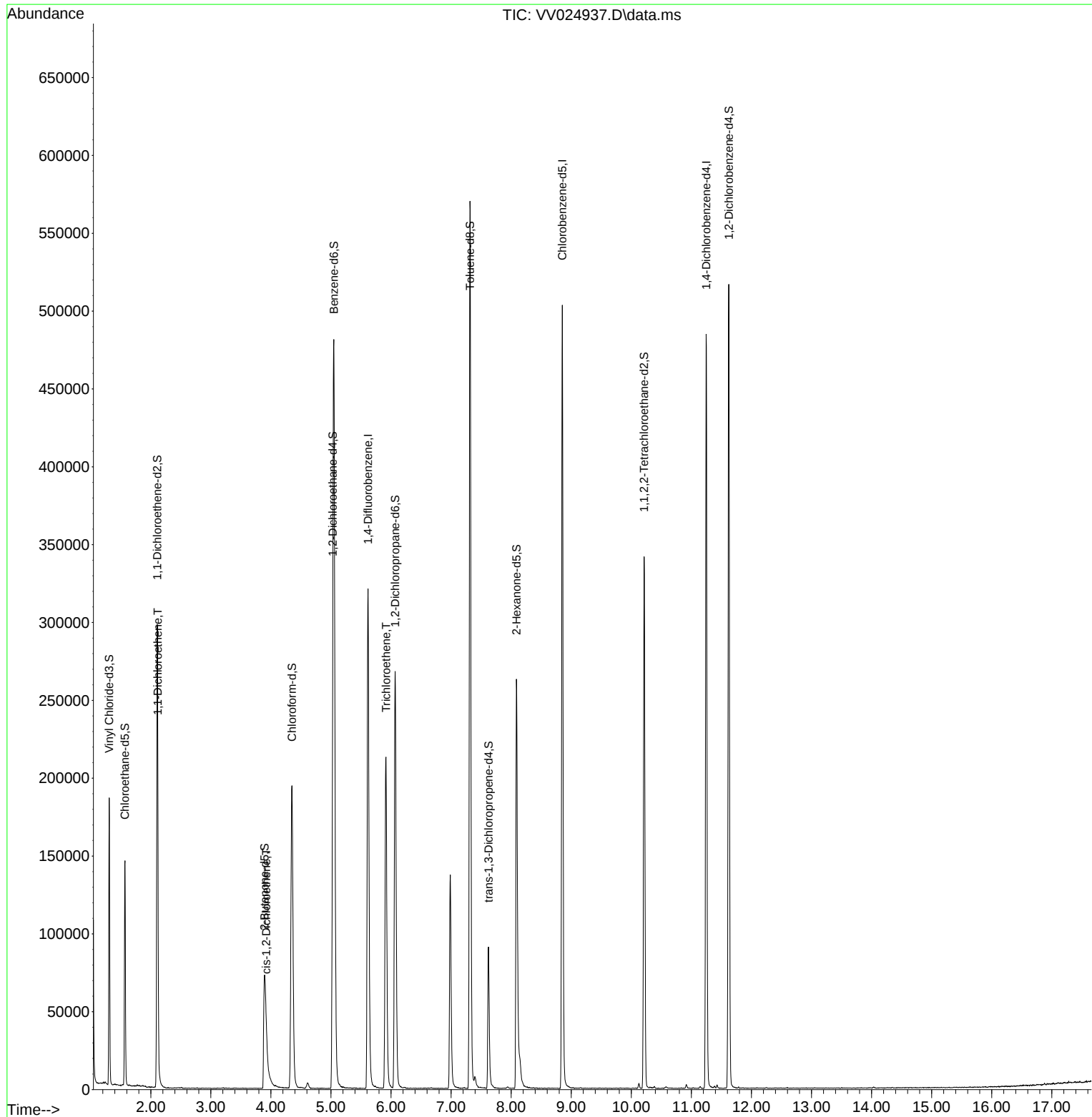
| Compound                      | R.T.    | QIon           | Response | Conc   | Units   | Dev(Min) |
|-------------------------------|---------|----------------|----------|--------|---------|----------|
| -----                         |         |                |          |        |         |          |
| Internal Standards            |         |                |          |        |         |          |
| 1) 1,4-Difluorobenzene        | 5.616   | 114            | 286203   | 50.000 | ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 8.850   | 117            | 280714   | 50.000 | ug/L    | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246  | 152            | 122544   | 50.000 | ug/L    | 0.00     |
| System Monitoring Compounds   |         |                |          |        |         |          |
| 4) Vinyl Chloride-d3          | 1.307   | 65             | 117380   | 40.335 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 135 | Recovery | =      | 80.660% |          |
| 7) Chloroethane-d5            | 1.568   | 69             | 92668    | 40.587 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 130 | Recovery | =      | 81.180% |          |
| 11) 1,1-Dichloroethene-d2     | 2.108   | 63             | 154033   | 31.535 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =      | 63.080% |          |
| 21) 2-Butanone-d5             | 3.892   | 46             | 142953   | 86.316 | ug/L    | 0.00     |
| Spiked Amount                 | 100.000 | Range 40 - 130 | Recovery | =      | 86.320% |          |
| 24) Chloroform-d              | 4.349   | 84             | 208095   | 40.963 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =      | 81.920% |          |
| 26) 1,2-Dichloroethane-d4     | 5.030   | 65             | 127835   | 42.649 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =      | 85.300% |          |
| 32) Benzene-d6                | 5.050   | 84             | 440729   | 42.358 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =      | 84.720% |          |
| 36) 1,2-Dichloropropane-d6    | 6.069   | 67             | 137501   | 42.416 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 120 | Recovery | =      | 84.840% |          |
| 41) Toluene-d8                | 7.313   | 98             | 386316   | 41.910 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =      | 83.820% |          |
| 43) trans-1,3-Dichloroprop... | 7.622   | 79             | 56605    | 40.186 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =      | 80.380% |          |
| 47) 2-Hexanone-d5             | 8.088   | 63             | 96347    | 78.301 | ug/L    | 0.00     |
| Spiked Amount                 | 100.000 | Range 45 - 130 | Recovery | =      | 78.300% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.213  | 84             | 170932   | 44.456 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000  | Range 65 - 120 | Recovery | =      | 88.920% |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.622  | 152            | 128308   | 45.454 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =      | 90.900% |          |
| Target Compounds              |         |                |          |        |         |          |
|                               |         |                |          |        | Qvalue  |          |
| 12) 1,1-Dichloroethene        | 2.117   | 96             | 5497     | 2.595  | ug/L    | # 1      |
| 20) cis-1,2-Dichloroethene    | 3.921   | 96             | 5363     | 2.162  | ug/L    | 84       |
| 34) Trichloroethene           | 5.915   | 95             | 75828    | 29.197 | ug/L    | 99       |
| -----                         |         |                |          |        |         |          |

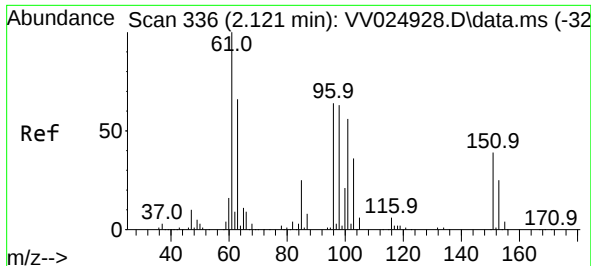
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 2.595 ug/L

RT: 2.117 min Scan# 336

Delta R.T. -0.003 min

Lab File: VV024937.D

Acq: 11 Mar 2022 00:29

Instrument :

MSVOA\_V

ClientSampleId :

C0D82

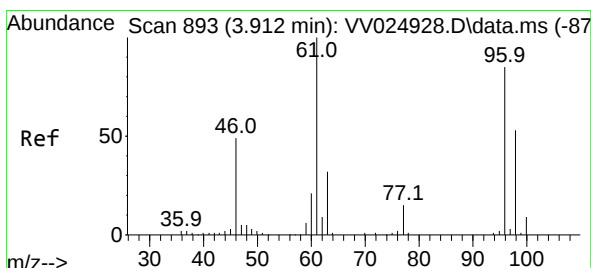
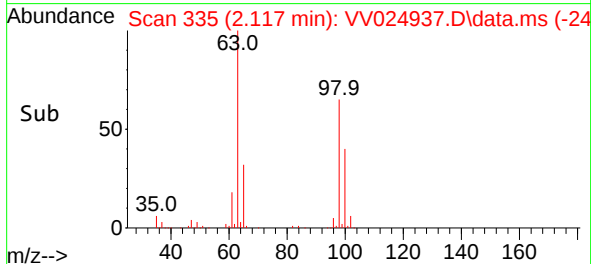
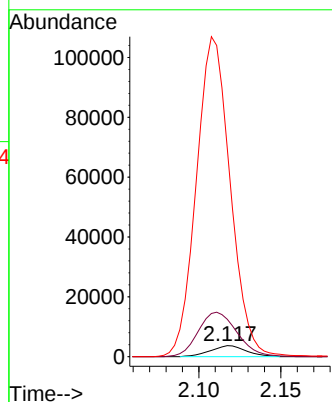
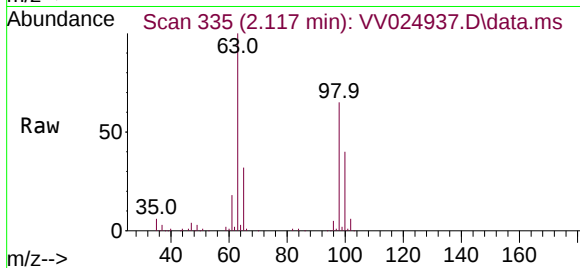
Tgt Ion: 96 Resp: 5497

Ion Ratio Lower Upper

96 100

61 341.7 117.6 218.4#

63 1911.4 105.3 195.5#



#20

cis-1,2-Dichloroethene

Concen: 2.162 ug/L

RT: 3.921 min Scan# 896

Delta R.T. 0.010 min

Lab File: VV024937.D

Acq: 11 Mar 2022 00:29

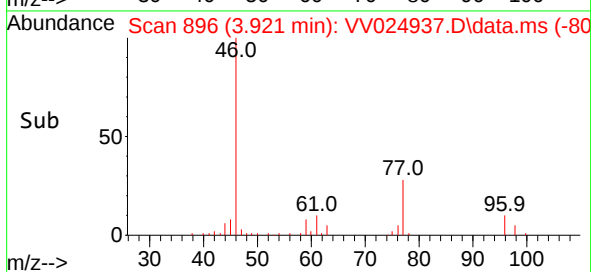
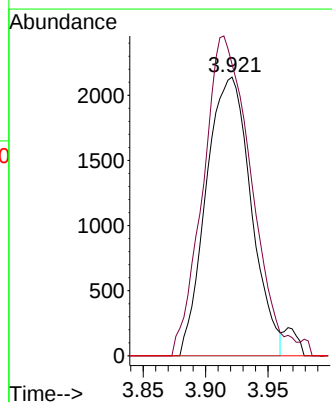
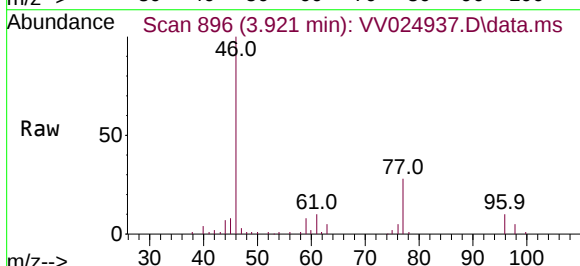
Tgt Ion: 96 Resp: 5363

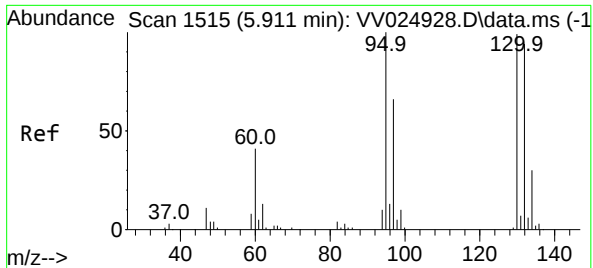
Ion Ratio Lower Upper

96 100

61 104.6 86.1 159.9

68 0.0 0.0 0.0





#34  
 Trichloroethene  
 Concen: 29.197 ug/L  
 RT: 5.915 min Scan# 11  
 Delta R.T. 0.003 min  
 Lab File: VV024937.D  
 Acq: 11 Mar 2022 00:29

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0D82

|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion: 95 | Resp: | 75828 |       |
| Ion         | Ratio | Lower | Upper |
| 95          | 100   |       |       |
| 97          | 64.1  | 45.3  | 84.1  |
| 132         | 94.7  | 65.0  | 120.6 |
| 130         | 99.3  | 69.3  | 128.7 |

