

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV100121\  
 Data File : VV022483.D  
 Acq On : 01 Oct 2021 23:41  
 Operator : SY/MD  
 Sample : M4024-03  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AH1

Quant Time: Oct 02 01:38:46 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM100121WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Oct 02 01:27:14 2021  
 Response via : Initial Calibration

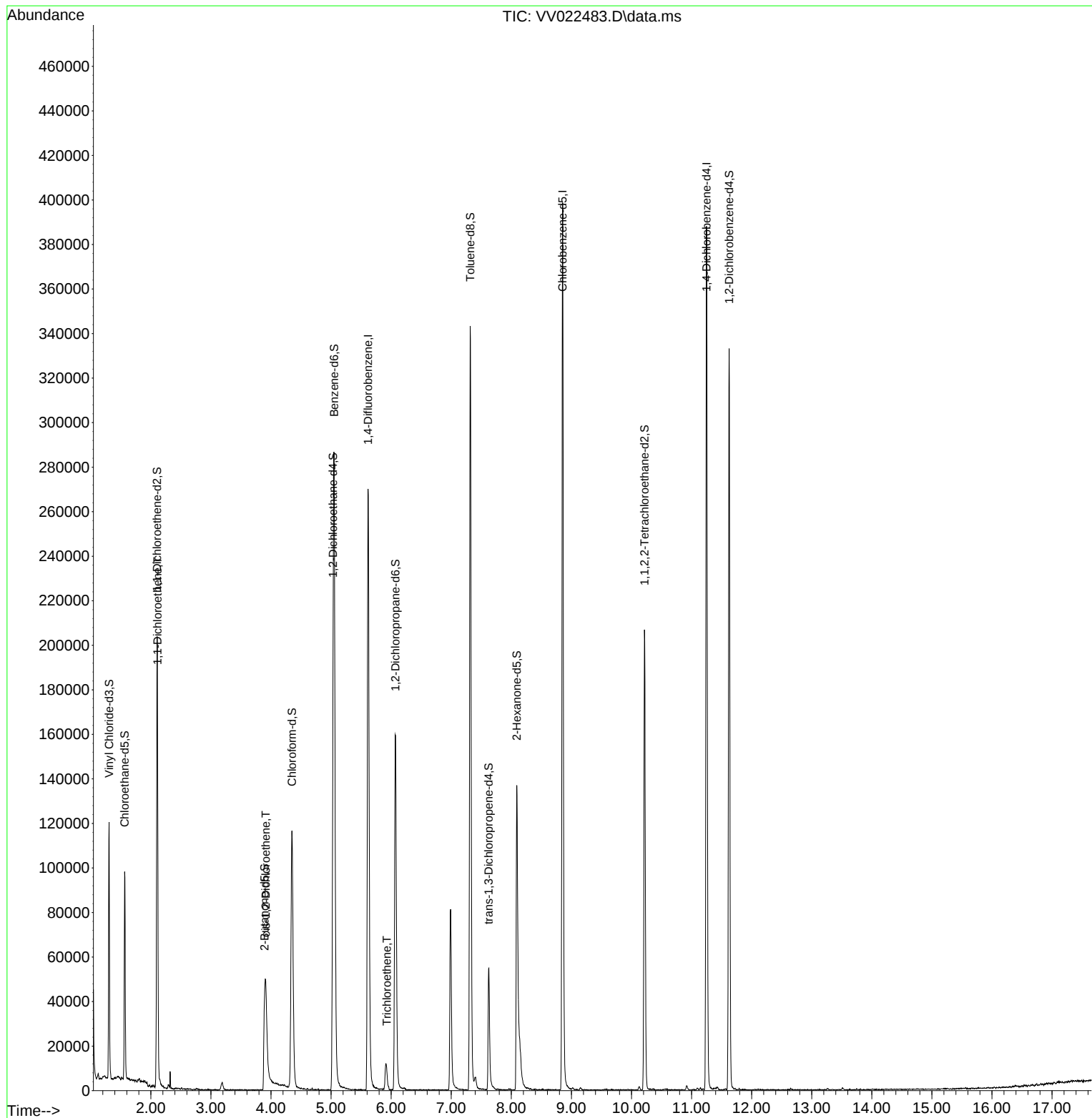
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.616   | 114   | 240264   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.854   | 117   | 223592   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249  | 152   | 103739   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304   | 65    | 70345    | 47.341   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 94.680%  |
| 7) Chloroethane-d5            | 1.565   | 69    | 57701    | 49.400   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 98.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.105   | 63    | 103839   | 35.441   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 70.880%  |
| 21) 2-Butanone-d5             | 3.892   | 46    | 70267    | 85.908   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 85.910%  |
| 24) Chloroform-d              | 4.349   | 84    | 121951   | 44.920   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 89.840%  |
| 26) 1,2-Dichloroethane-d4     | 5.034   | 65    | 74861    | 47.535   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 95.060%  |
| 32) Benzene-d6                | 5.050   | 84    | 255865   | 49.396   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 98.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.072   | 67    | 78257    | 49.076   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 98.160%  |
| 41) Toluene-d8                | 7.317   | 98    | 228265   | 48.041   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 96.080%  |
| 43) trans-1,3-Dichloroprop... | 7.622   | 79    | 32416    | 42.966   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 85.940%  |
| 47) 2-Hexanone-d5             | 8.092   | 63    | 53818    | 81.471   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 81.470%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217  | 84    | 99453    | 44.851   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 89.700%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.625  | 152   | 86510    | 51.137   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 102.280% |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 12) 1,1-Dichloroethene        | 2.111   | 96    | 1709     | 1.018    | ug/L   | # 1      |
| 20) cis-1,2-Dichloroethene    | 3.912   | 96    | 15749    | 8.024    | ug/L   | 96       |
| 34) Trichloroethene           | 5.928   | 95    | 1921     | 1.066    | ug/L   | 85       |
| -----                         |         |       |          |          |        |          |

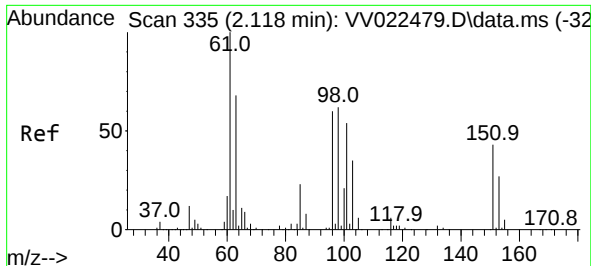
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 02 01:27:14 2021  
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#12

1,1-Dichloroethene

Concen: 1.018 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.006 min

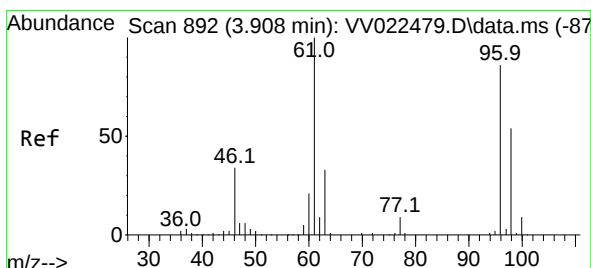
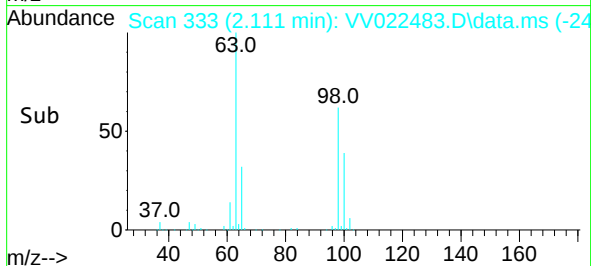
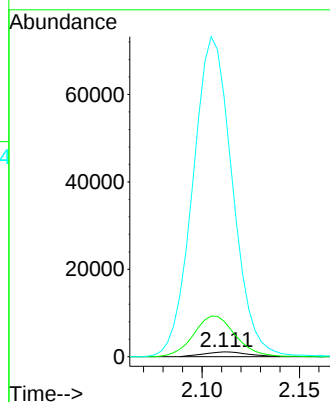
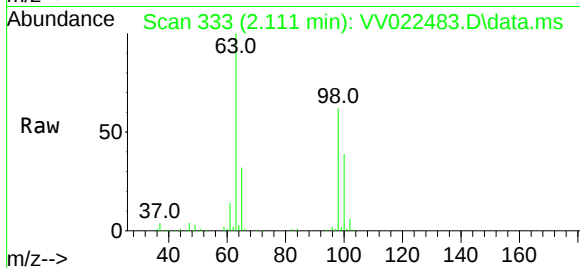
Lab File: VV022483.D

Acq: 01 Oct 2021 23:41

Tgt Ion: 96 Resp: 1709

| Ion | Ratio  | Lower | Upper  |
|-----|--------|-------|--------|
| 96  | 100    |       |        |
| 61  | 750.1  | 118.0 | 219.2# |
| 63  | 5505.8 | 86.4  | 160.4# |

Instrument :  
MSVOA\_V  
ClientSampleId :  
C0AH1



#20

cis-1,2-Dichloroethene

Concen: 8.024 ug/L

RT: 3.912 min Scan# 893

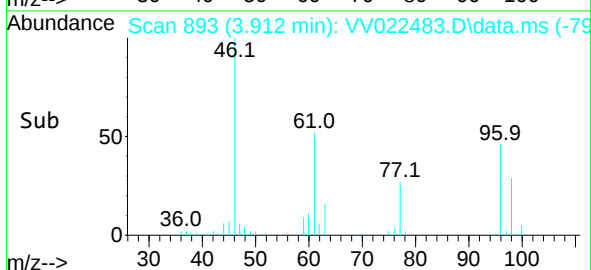
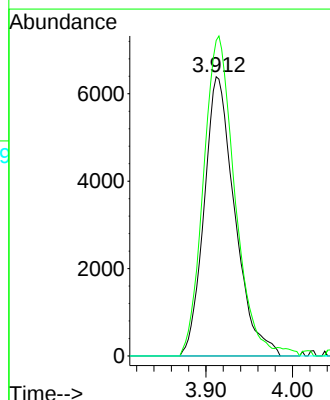
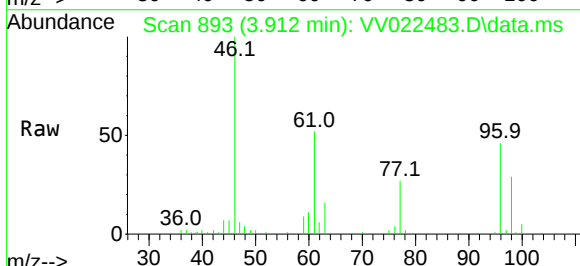
Delta R.T. 0.003 min

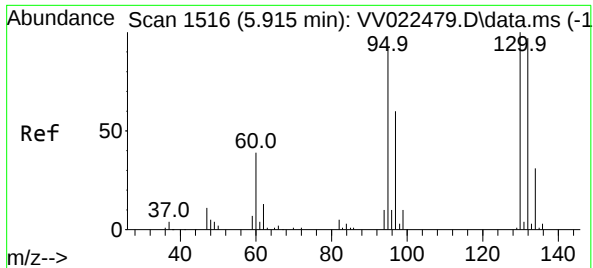
Lab File: VV022483.D

Acq: 01 Oct 2021 23:41

Tgt Ion: 96 Resp: 15749

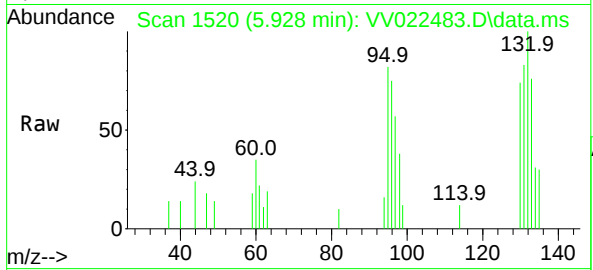
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 113.0 | 81.9  | 152.1 |
| 68  | 0.0   | 0.0   | 0.0   |





#34  
 Trichloroethene  
 Concen: 1.066 ug/L  
 RT: 5.928 min Scan# 1520  
 Delta R.T. 0.013 min  
 Lab File: VV022483.D  
 Acq: 01 Oct 2021 23:41

Instrument :  
 MSVOA\_V  
 ClientSampled :  
 C0AH1



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 97      | 69.7  | 45.4  | 84.4  |
| 132     | 122.5 | 71.5  | 132.9 |
| 130     | 90.6  | 75.2  | 139.6 |

