

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV100121\  
 Data File : VV022490.D  
 Acq On : 02 Oct 2021 02:27  
 Operator : SY/MD  
 Sample : M4024-10  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AL8

Quant Time: Oct 02 03:34:21 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

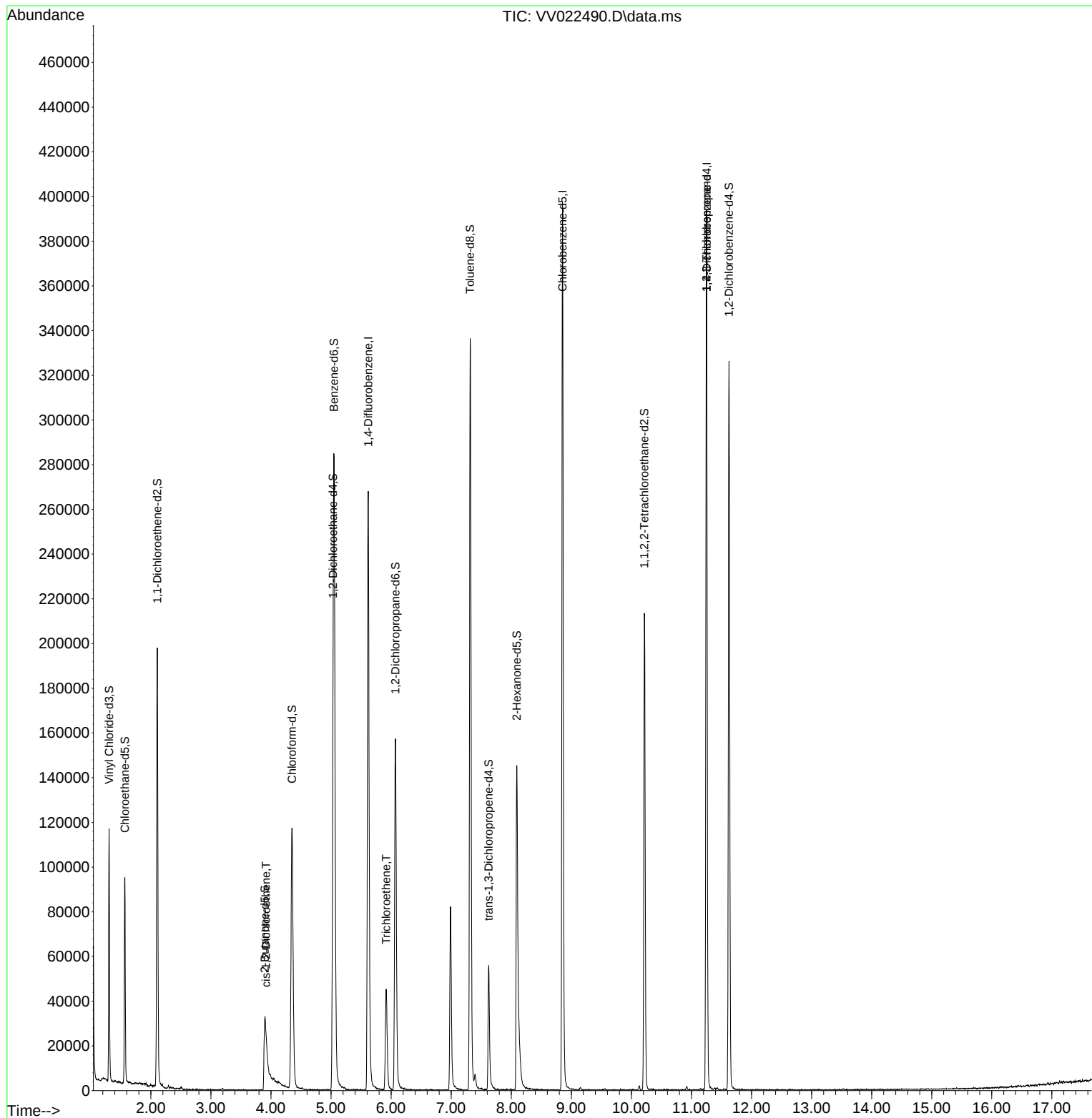
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619   | 114   | 239961   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.854   | 117   | 223252   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252  | 152   | 106180   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304   | 65    | 69782    | 47.021   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 94.040%  |
| 7) Chloroethane-d5            | 1.568   | 69    | 57983    | 49.704   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 99.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.108   | 63    | 101060   | 34.536   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 69.080%  |
| 21) 2-Butanone-d5             | 3.899   | 46    | 64351    | 78.775   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 78.770%  |
| 24) Chloroform-d              | 4.349   | 84    | 123471   | 45.537   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 91.080%  |
| 26) 1,2-Dichloroethane-d4     | 5.034   | 65    | 73810    | 46.927   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 93.860%  |
| 32) Benzene-d6                | 5.050   | 84    | 251402   | 48.608   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 97.220%  |
| 36) 1,2-Dichloropropane-d6    | 6.072   | 67    | 77802    | 48.865   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 97.720%  |
| 41) Toluene-d8                | 7.317   | 98    | 225207   | 47.470   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 94.940%  |
| 43) trans-1,3-Dichloroprop... | 7.625   | 79    | 32928    | 43.711   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 87.420%  |
| 47) 2-Hexanone-d5             | 8.092   | 63    | 60147    | 91.191   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 91.190%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217  | 84    | 101738   | 45.952   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 91.900%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.625  | 152   | 87419    | 50.486   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 100.980% |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 20) cis-1,2-Dichloroethene    | 3.915   | 96    | 1840     | 0.939    | ug/L   | 85       |
| 34) Trichloroethene           | 5.918   | 95    | 14849    | 8.250    | ug/L   | 89       |
| 61) 1,2,3-Trichloropropane    | 11.249  | 75    | 11553    | 5.721    | ug/L # | 63       |
| -----                         |         |       |          |          |        |          |

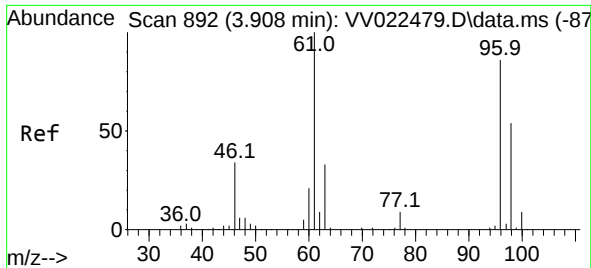
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV100121\  
Data File : VV022490.D  
Acq On : 02 Oct 2021 02:27  
Operator : SY/MD  
Sample : M4024-10  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
C0AL8

Quant Time: Oct 02 03:34:21 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

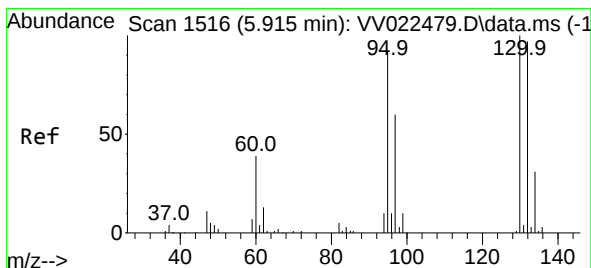
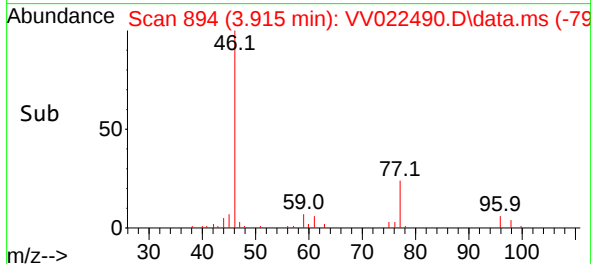
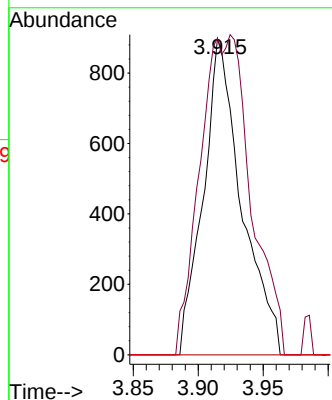
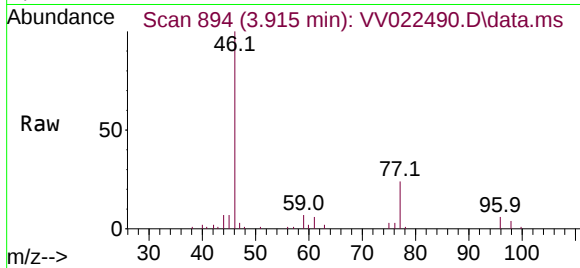




#20  
 cis-1,2-Dichloroethene  
 Concen: 0.939 ug/L  
 RT: 3.915 min Scan# 894  
 Delta R.T. 0.006 min  
 Lab File: VV022490.D  
 Acq: 02 Oct 2021 02:27

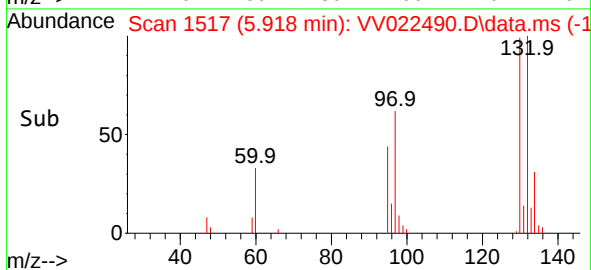
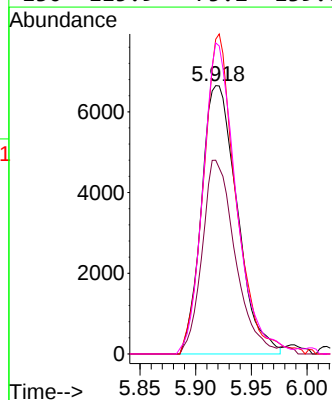
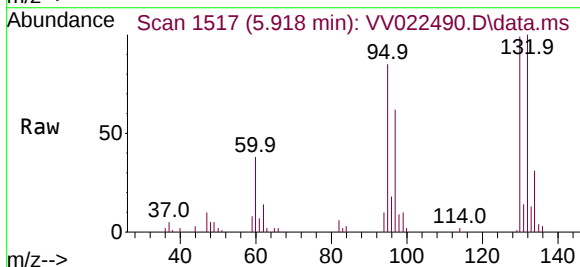
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AL8

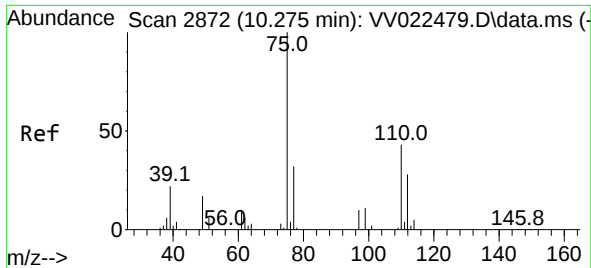
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 1840  |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 100.1 | 81.9  | 152.1 |
| 68       | 0.0   | 0.0   | 0.0   |



#34  
 Trichloroethene  
 Concen: 8.250 ug/L  
 RT: 5.918 min Scan# 1517  
 Delta R.T. 0.003 min  
 Lab File: VV022490.D  
 Acq: 02 Oct 2021 02:27

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 95    | Resp: | 14849 |
| Ion      | Ratio | Lower | Upper |
| 95       | 100   |       |       |
| 97       | 72.2  | 45.4  | 84.4  |
| 132      | 117.2 | 71.5  | 132.9 |
| 130      | 115.9 | 75.2  | 139.6 |





#61  
 1,2,3-Trichloropropane  
 Concen: 5.721 ug/L  
 RT: 11.249 min Scan# 3175  
 Delta R.T. 0.974 min  
 Lab File: VV022490.D  
 Acq: 02 Oct 2021 02:27

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AL8

Tgt Ion: 75 Resp: 11553  
 Ion Ratio Lower Upper  
 75 100  
 77 34.1 26.0 39.0  
 110 2.5 34.3 51.5#

