

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW072324\  
 Data File : VW036641.D  
 Acq On : 23 Jul 2024 13:12  
 Operator : SY/MD  
 Sample : P3328-03  
 Misc : 8.25g/10.0mL/MSVOA\_V/SOIL/A  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 E1ZT4

Quant Time: Jul 24 00:59:36 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM072224SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jul 24 00:57:38 2024  
 Response via : Initial Calibration

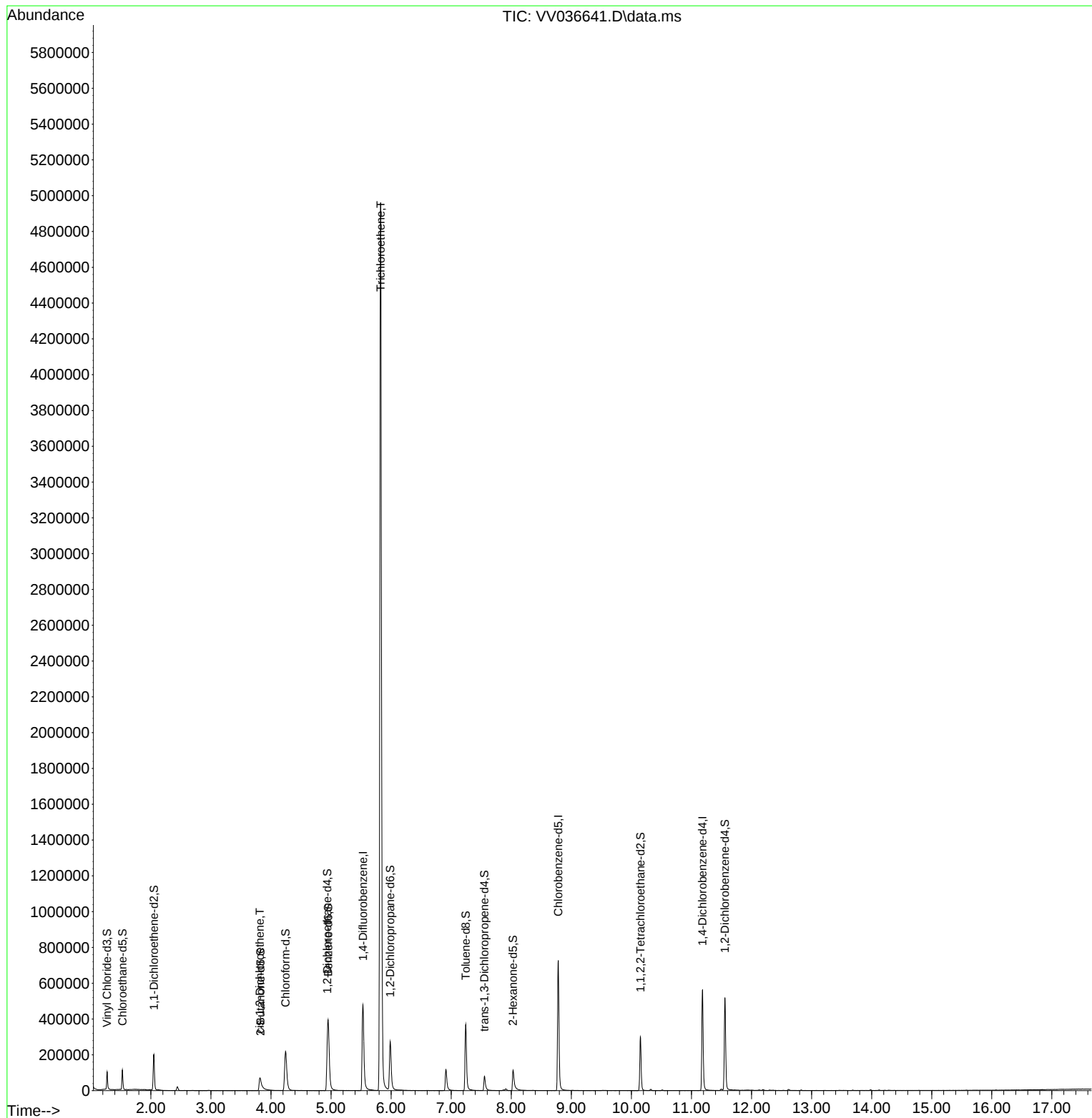
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.532  | 114   | 465749   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.783  | 117   | 444684   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185 | 152   | 165997   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.272  | 65    | 63840    | 12.515   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 50.040%  |
| 7) Chloroethane-d5            | 1.526  | 69    | 72407    | 15.716   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 62.880%  |
| 11) 1,1-Dichloroethene-d2     | 2.050  | 65    | 32307    | 11.978   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 47.920%  |
| 21) 2-Butanone-d5             | 3.828  | 46    | 54686    | 45.936   | ug/L   | -0.01    |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 91.880%  |
| 24) Chloroform-d              | 4.243  | 84    | 246133   | 19.982   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 79.920%  |
| 26) 1,2-Dichloroethane-d4     | 4.937  | 65    | 137403   | 22.611   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 90.440%  |
| 32) Benzene-d6                | 4.953  | 84    | 342725   | 16.262   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 65.040%  |
| 36) 1,2-Dichloropropane-d6    | 5.985  | 67    | 127060   | 21.159   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 84.640%  |
| 41) Toluene-d8                | 7.243  | 98    | 269356   | 13.392   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 53.560%  |
| 43) trans-1,3-Dichloroprop... | 7.555  | 79    | 51800    | 19.404   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 77.600%  |
| 47) 2-Hexanone-d5             | 8.030  | 63    | 44715    | 55.951   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 111.900% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149 | 84    | 139938   | 26.737   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 106.960% |
| 66) 1,2-Dichlorobenzene-d4    | 11.558 | 152   | 148395   | 25.609   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 102.440% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 20) cis-1,2-Dichloroethene    | 3.812  | 96    | 32086    | 4.234    | ug/L   | 98       |
| 34) Trichloroethene           | 5.825  | 95    | 1679311  | 203.200  | ug/L   | 97       |
| -----                         |        |       |          |          |        |          |

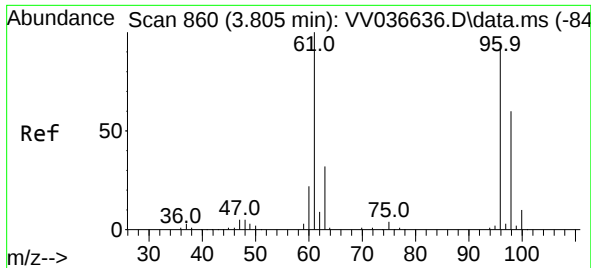
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV072324\  
Data File : VV036641.D  
Acq On : 23 Jul 2024 13:12  
Operator : SY/MD  
Sample : P3328-03  
Misc : 8.25g/10.0mL/MSVOA\_V/SOIL/A  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
E1ZT4

Quant Time: Jul 24 00:59:36 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM072224SMA.M  
Quant Title : VOC Analysis  
QLast Update : Wed Jul 24 00:57:38 2024  
Response via : Initial Calibration

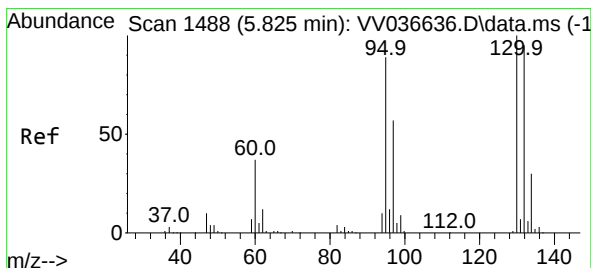
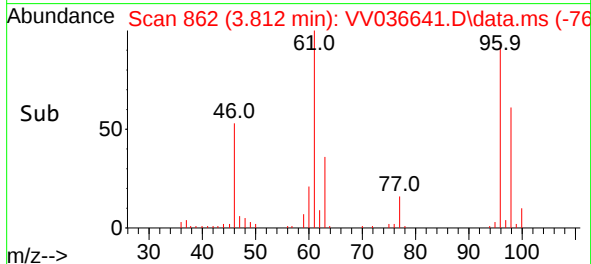
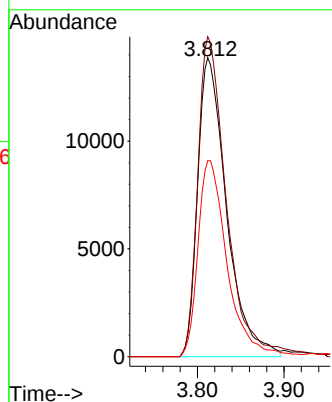
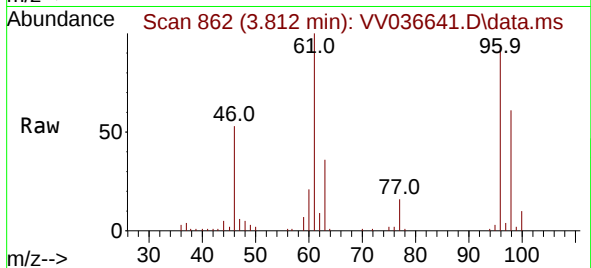




#20  
 cis-1,2-Dichloroethene  
 Concen: 4.234 ug/L  
 RT: 3.812 min Scan# 862  
 Delta R.T. 0.006 min  
 Lab File: VV036641.D  
 Acq: 23 Jul 2024 13:12

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 E1ZT4

Tgt Ion: 96 Resp: 32086  
 Ion Ratio Lower Upper  
 96 100  
 61 107.0 73.0 135.6  
 98 65.6 44.8 83.2



#34  
 Trichloroethene  
 Concen: 203.200 ug/L  
 RT: 5.825 min Scan# 1488  
 Delta R.T. 0.000 min  
 Lab File: VV036641.D  
 Acq: 23 Jul 2024 13:12

Tgt Ion: 95 Resp: 1679311  
 Ion Ratio Lower Upper  
 95 100  
 97 65.4 45.1 83.7  
 132 107.2 72.7 134.9  
 130 111.6 76.0 141.2

