

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV100722\  
 Data File : VV028432.D  
 Acq On : 08 Oct 2022 01:37  
 Operator : SY/MD  
 Sample : N4942-04  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BGSJ0

Quant Time: Oct 08 04:00:12 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM100722WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Oct 08 02:10:35 2022  
 Response via : Initial Calibration

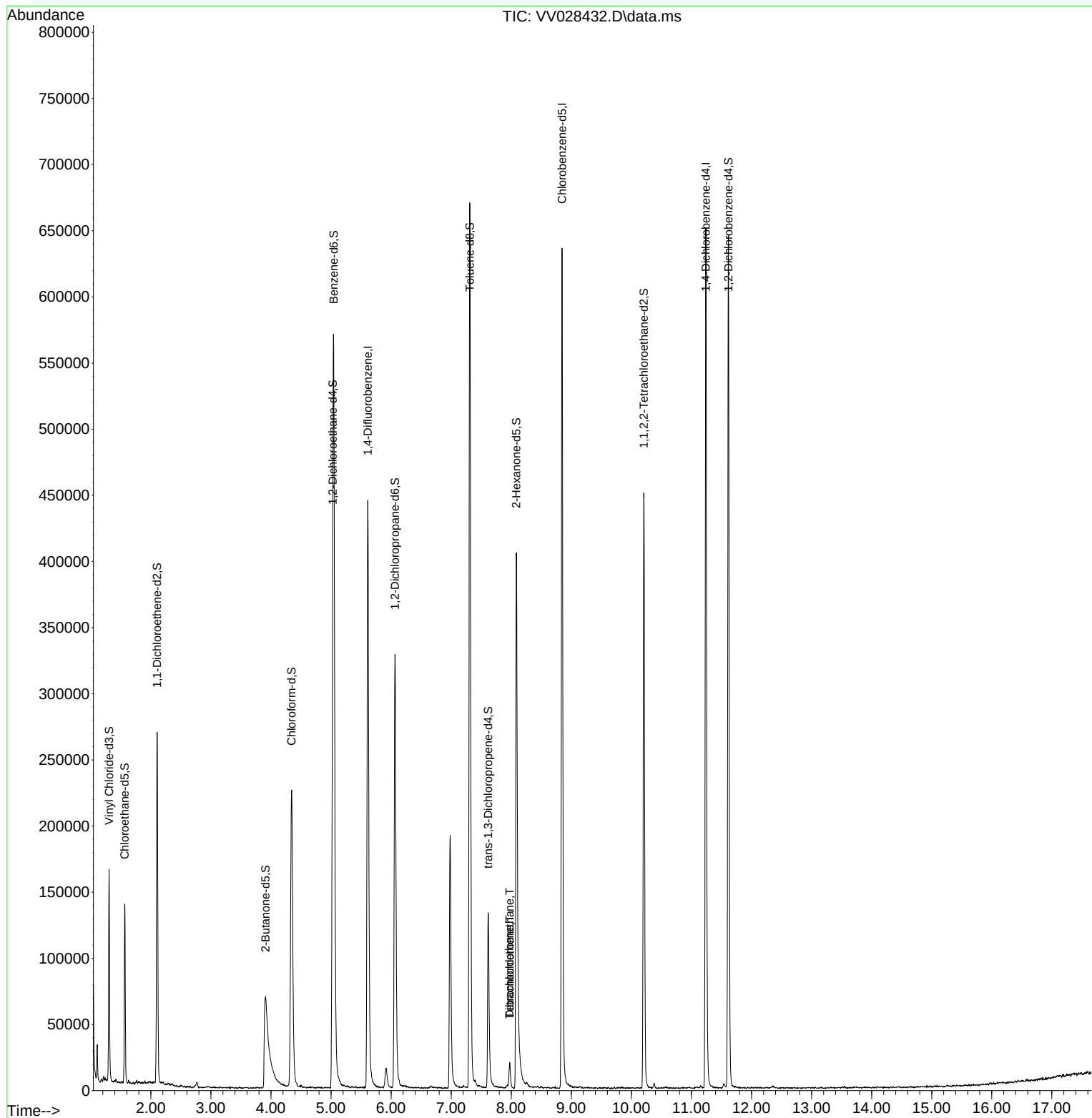
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.613   | 114   | 379608   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.847   | 117   | 343441   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.239  | 152   | 164119   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304   | 65    | 98145    | 33.507   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 67.020%  |
| 7) Chloroethane-d5            | 1.565   | 69    | 86506    | 37.246   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 74.500%  |
| 11) 1,1-Dichloroethene-d2     | 2.105   | 63    | 137929   | 27.668   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 55.340%# |
| 21) 2-Butanone-d5             | 3.909   | 46    | 213912   | 83.425   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 83.430%  |
| 24) Chloroform-d              | 4.343   | 84    | 235091   | 43.762   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 87.520%  |
| 26) 1,2-Dichloroethane-d4     | 5.027   | 65    | 164877   | 47.590   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 95.180%  |
| 32) Benzene-d6                | 5.044   | 84    | 490531   | 44.573   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 89.140%  |
| 36) 1,2-Dichloropropane-d6    | 6.066   | 67    | 158385   | 44.142   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 88.280%  |
| 41) Toluene-d8                | 7.310   | 98    | 438032   | 44.457   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 88.920%  |
| 43) trans-1,3-Dichloroprop... | 7.616   | 79    | 78490    | 42.917   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 85.840%  |
| 47) 2-Hexanone-d5             | 8.085   | 63    | 163167   | 83.596   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 83.600%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.207  | 84    | 218434   | 44.488   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 88.980%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.616  | 152   | 161189   | 47.399   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 94.800%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 46) Tetrachloroethene         | 7.973   | 164   | 4207     | 2.089    | ug/L   | 91       |
| 49) Dibromochloromethane      | 7.976   | 129   | 3445     | 1.143    | ug/L   | # 11     |
| -----                         |         |       |          |          |        |          |

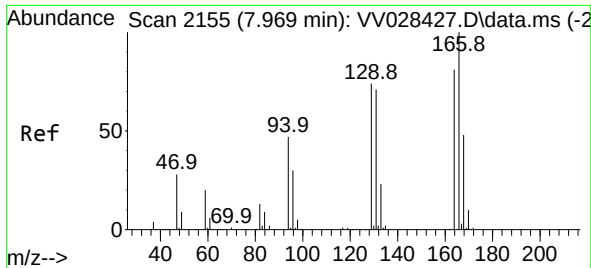
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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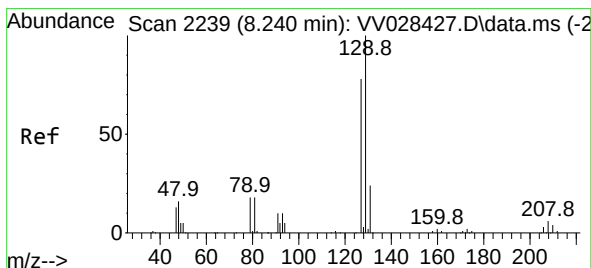
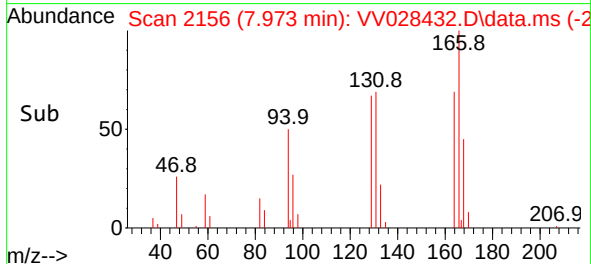
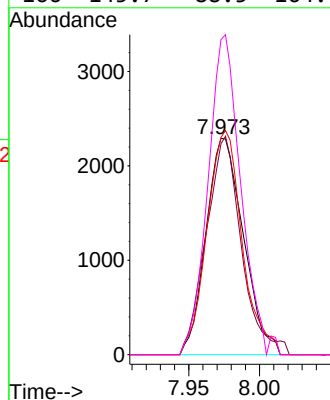
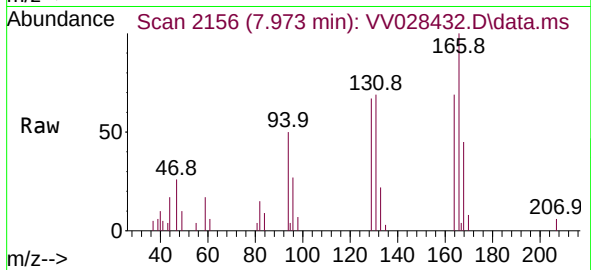




#46  
Tetrachloroethene  
Concen: 2.089 ug/L  
RT: 7.973 min Scan# 2155  
Delta R.T. 0.003 min  
Lab File: VV028432.D  
Acq: 08 Oct 2022 01:37

Instrument :  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 4207  |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 97.6  | 67.4  | 125.2 |
| 131      | 100.4 | 65.2  | 121.2 |
| 166      | 145.7 | 88.5  | 164.4 |



#49  
Dibromochloromethane  
Concen: 1.143 ug/L  
RT: 7.976 min Scan# 2157  
Delta R.T. -0.264 min  
Lab File: VV028432.D  
Acq: 08 Oct 2022 01:37

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 129   | Resp: | 3445  |
| Ion      | Ratio | Lower | Upper |
| 129      | 100   |       |       |
| 127      | 0.0   | 53.6  | 99.6# |

