

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU072524\  
 Data File : VU060186.D  
 Acq On : 25 Jul 2024 21:06  
 Operator : MD/SY  
 Sample : P3335-07 200X  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Jul 26 02:44:31 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM070224WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jul 26 02:39:04 2024  
 Response via : Initial Calibration

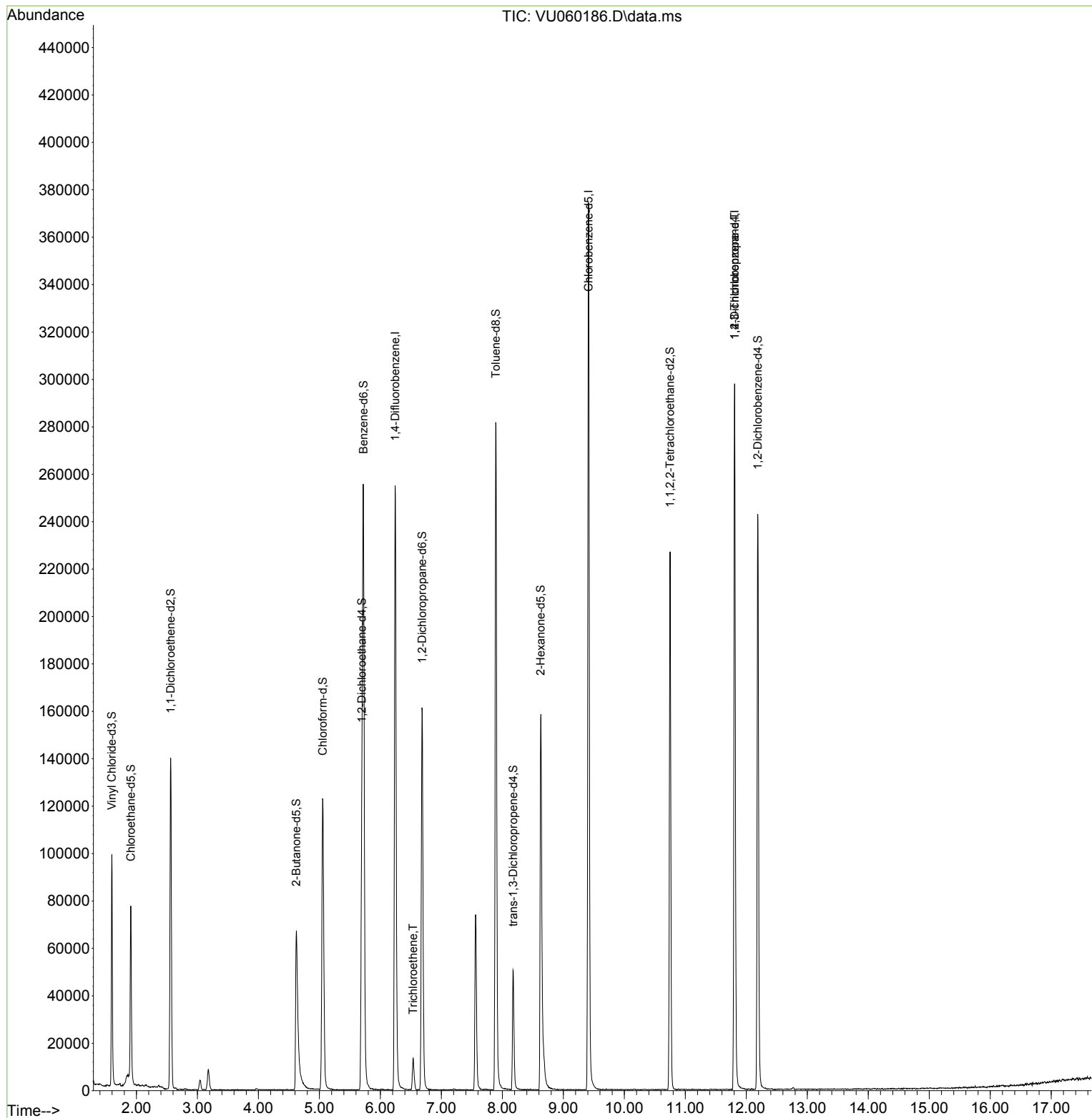
| Compound                      |         | R.T.   | QIon     | Response | Conc   | Units    | Dev(Min)  |
|-------------------------------|---------|--------|----------|----------|--------|----------|-----------|
| -----                         |         |        |          |          |        |          |           |
| Internal Standards            |         |        |          |          |        |          |           |
| 1) 1,4-Difluorobenzene        |         | 6.242  | 114      | 216480   | 50.000 | ug/L     | 0.00      |
| 28) Chlorobenzene-d5          |         | 9.412  | 117      | 219696   | 50.000 | ug/L     | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    |         | 11.807 | 152      | 86321    | 50.000 | ug/L     | 0.00      |
| System Monitoring Compounds   |         |        |          |          |        |          |           |
| 4) Vinyl Chloride-d3          |         | 1.596  | 65       | 73366    | 52.783 | ug/L     | 0.00      |
| Spiked Amount                 | 50.000  | Range  | 60 - 135 | Recovery | =      | 105.560% |           |
| 7) Chloroethane-d5            |         | 1.907  | 69       | 58929    | 50.404 | ug/L     | 0.00      |
| Spiked Amount                 | 50.000  | Range  | 70 - 130 | Recovery | =      | 100.800% |           |
| 11) 1,1-Dichloroethene-d2     |         | 2.560  | 63       | 83492    | 33.812 | ug/L     | 0.00      |
| Spiked Amount                 | 50.000  | Range  | 60 - 125 | Recovery | =      | 67.620%  |           |
| 21) 2-Butanone-d5             |         | 4.621  | 46       | 96466    | 99.866 | ug/L     | 0.00      |
| Spiked Amount                 | 100.000 | Range  | 40 - 130 | Recovery | =      | 99.870%  |           |
| 24) Chloroform-d              |         | 5.055  | 84       | 120194   | 44.654 | ug/L     | 0.00      |
| Spiked Amount                 | 50.000  | Range  | 70 - 125 | Recovery | =      | 89.300%  |           |
| 26) 1,2-Dichloroethane-d4     |         | 5.695  | 65       | 73521    | 45.938 | ug/L     | 0.00      |
| Spiked Amount                 | 50.000  | Range  | 70 - 125 | Recovery | =      | 91.880%  |           |
| 32) Benzene-d6                |         | 5.721  | 84       | 240174   | 42.692 | ug/L     | 0.00      |
| Spiked Amount                 | 50.000  | Range  | 70 - 125 | Recovery | =      | 85.380%  |           |
| 36) 1,2-Dichloropropane-d6    |         | 6.682  | 67       | 84151    | 48.330 | ug/L     | 0.00      |
| Spiked Amount                 | 50.000  | Range  | 70 - 120 | Recovery | =      | 96.660%  |           |
| 41) Toluene-d8                |         | 7.891  | 98       | 197259   | 36.871 | ug/L     | 0.00      |
| Spiked Amount                 | 50.000  | Range  | 80 - 120 | Recovery | =      | 73.740%# |           |
| 43) trans-1,3-Dichloroprop... |         | 8.177  | 79       | 31745    | 38.963 | ug/L     | 0.00      |
| Spiked Amount                 | 50.000  | Range  | 60 - 125 | Recovery | =      | 77.920%  |           |
| 47) 2-Hexanone-d5             |         | 8.627  | 63       | 54829    | 74.720 | ug/L     | 0.00      |
| Spiked Amount                 | 100.000 | Range  | 45 - 130 | Recovery | =      | 74.720%  |           |
| 56) 1,1,2,2-Tetrachloroeth... |         | 10.750 | 84       | 121833   | 45.588 | ug/L     | 0.00      |
| Spiked Amount                 | 50.000  | Range  | 65 - 120 | Recovery | =      | 91.180%  |           |
| 66) 1,2-Dichlorobenzene-d4    |         | 12.187 | 152      | 69346    | 43.717 | ug/L     | 0.00      |
| Spiked Amount                 | 50.000  | Range  | 80 - 120 | Recovery | =      | 87.440%  |           |
| Target Compounds              |         |        |          |          |        |          |           |
| 34) Trichloroethene           |         | 6.538  | 95       | 4361     | 2.755  | ug/L     | Qvalue 91 |
| 60) 1,2,3-Trichloropropane    |         | 11.807 | 75       | 10179    | 6.213  | ug/L #   | 65        |
| -----                         |         |        |          |          |        |          |           |

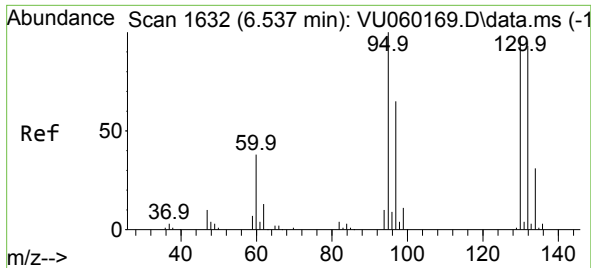
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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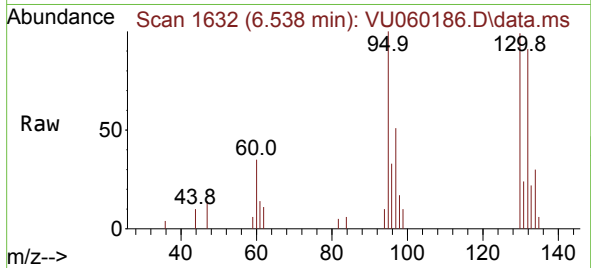
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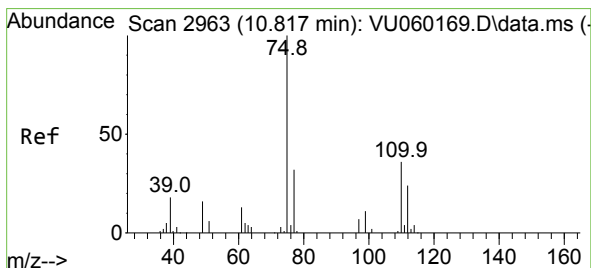
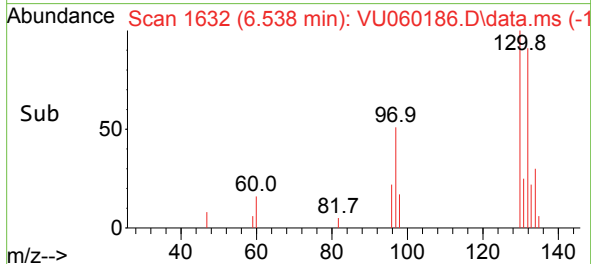
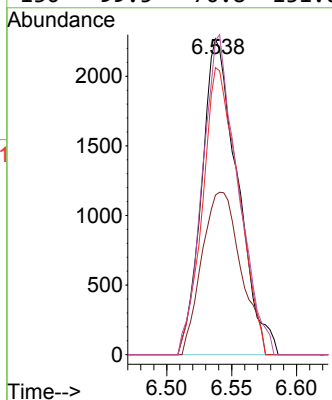
#34  
Trichloroethene  
Concen: 2.755 ug/L  
RT: 6.538 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VU060186.D  
Acq: 25 Jul 2024 21:06

Instrument :  
MSVOA\_U  
ClientSampleId :



Tgt Ion: 95 Resp: 4361

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 50.6  | 45.8  | 85.2  |
| 132 | 90.9  | 69.8  | 129.6 |
| 130 | 99.5  | 70.8  | 131.6 |



#60  
1,2,3-Trichloropropane  
Concen: 6.213 ug/L  
RT: 11.807 min Scan# 3271  
Delta R.T. 0.990 min  
Lab File: VU060186.D  
Acq: 25 Jul 2024 21:06

Tgt Ion: 75 Resp: 10179

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 33.0  | 25.5  | 38.3  |
| 110 | 1.1   | 30.7  | 46.1  |

