

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU050823\  
 Data File : VU054110.D  
 Acq On : 09 May 2023 03:23  
 Operator : JC/MD  
 Sample : 02662-01  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 COAZO

Quant Time: May 09 06:14:21 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM042923WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat May 06 01:14:00 2023  
 Response via : Initial Calibration

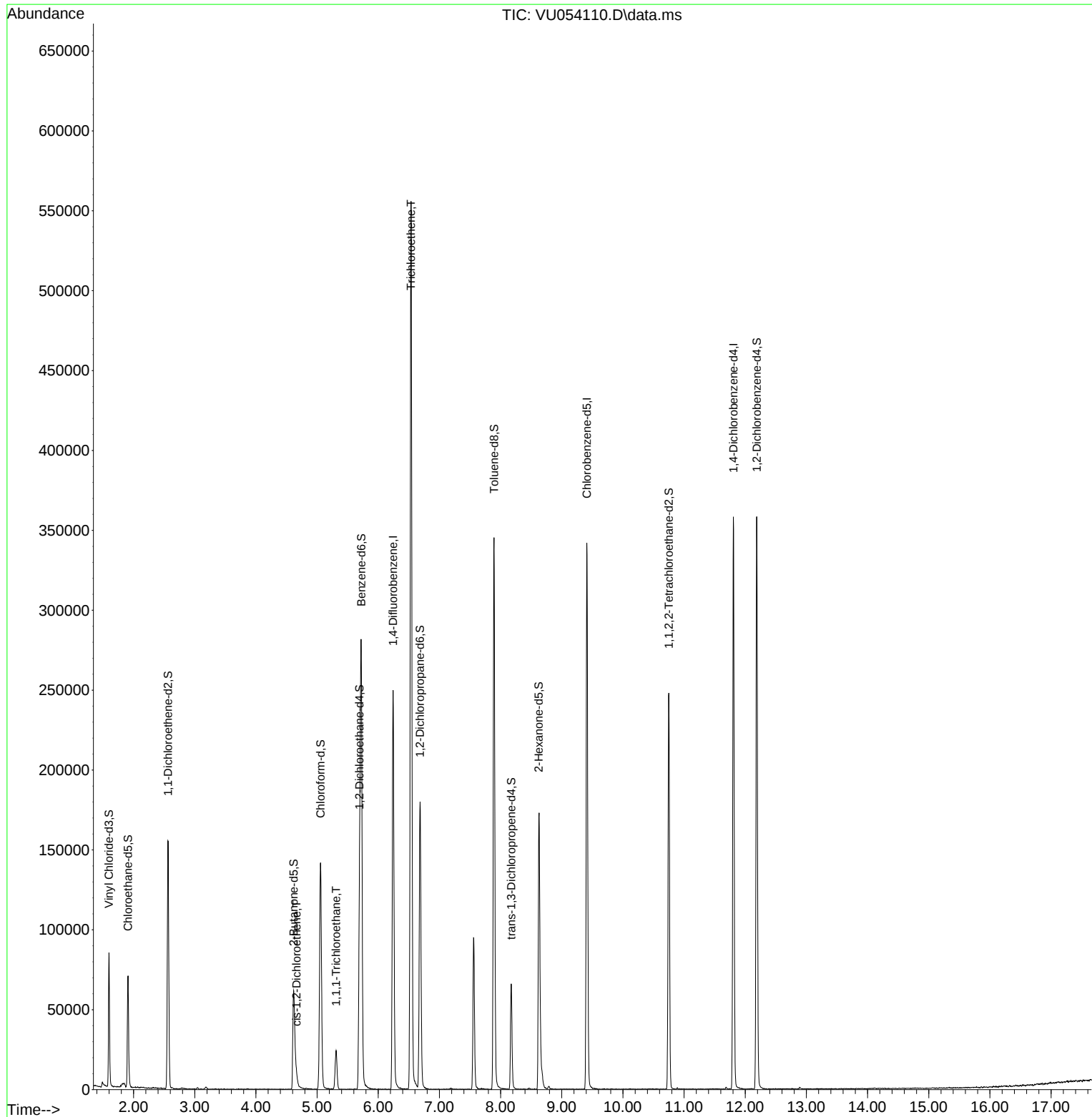
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.243   | 114   | 208472   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.410   | 117   | 199575   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.806  | 152   | 97781    | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597   | 65    | 63559    | 40.312   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 80.620%  |
| 7) Chloroethane-d5            | 1.909   | 69    | 54731    | 52.882   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 105.760% |
| 11) 1,1-Dichloroethene-d2     | 2.562   | 63    | 94106    | 33.651   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 67.300%  |
| 21) 2-Butanone-d5             | 4.616   | 46    | 94864    | 105.493  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 105.490% |
| 24) Chloroform-d              | 5.057   | 84    | 137337   | 47.427   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 94.860%  |
| 26) 1,2-Dichloroethane-d4     | 5.694   | 65    | 91125    | 49.011   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 98.020%  |
| 32) Benzene-d6                | 5.723   | 84    | 266384   | 45.346   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 90.700%  |
| 36) 1,2-Dichloropropane-d6    | 6.684   | 67    | 85407    | 46.053   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 92.100%  |
| 41) Toluene-d8                | 7.893   | 98    | 234640   | 44.241   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 88.480%  |
| 43) trans-1,3-Dichloroprop... | 8.176   | 79    | 40011    | 43.596   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 87.200%  |
| 47) 2-Hexanone-d5             | 8.626   | 63    | 59295    | 89.267   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 89.270%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751  | 84    | 123195   | 50.432   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 100.860% |
| 66) 1,2-Dichlorobenzene-d4    | 12.189  | 152   | 98570    | 51.602   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 103.200% |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 20) cis-1,2-Dichloroethene    | 4.665   | 96    | 2350     | 1.547    | ug/L   | 81       |
| 30) 1,1,1-Trichloroethane     | 5.311   | 97    | 18308    | 7.360    | ug/L   | 99       |
| 34) Trichloroethene           | 6.536   | 95    | 189354   | 122.816  | ug/L   | 98       |
| -----                         |         |       |          |          |        |          |

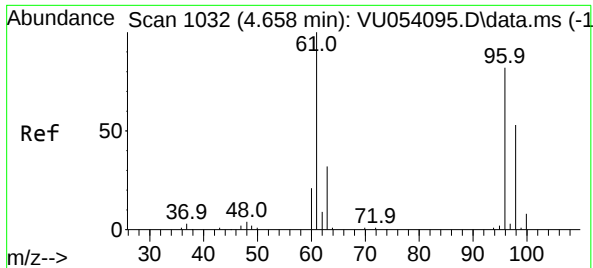
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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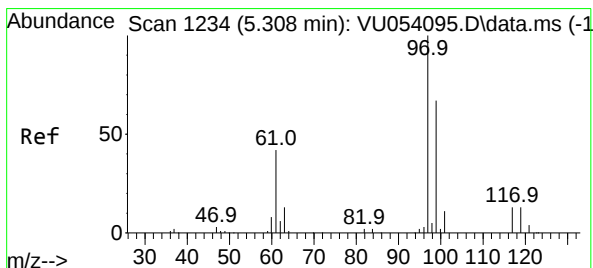
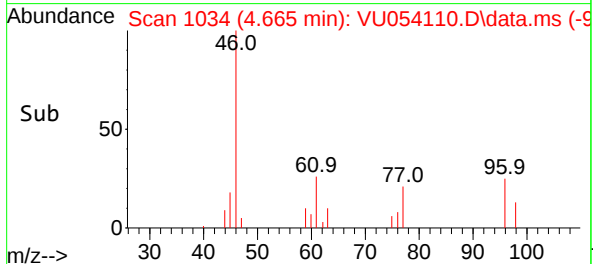
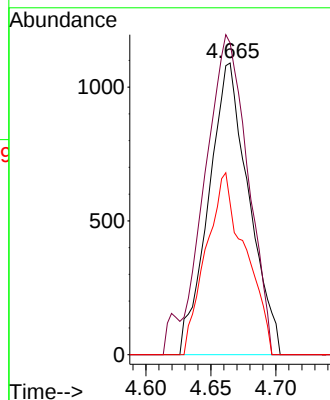
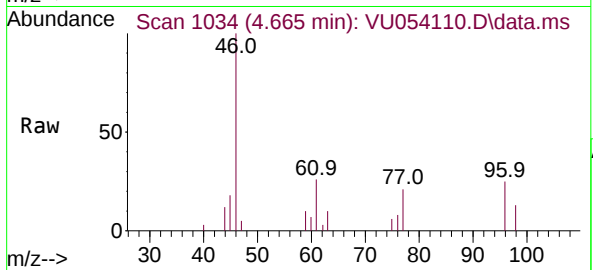




#20  
 cis-1,2-Dichloroethene  
 Concen: 1.547 ug/L  
 RT: 4.665 min Scan# 1032  
 Delta R.T. 0.003 min  
 Lab File: VU054110.D  
 Acq: 09 May 2023 03:23

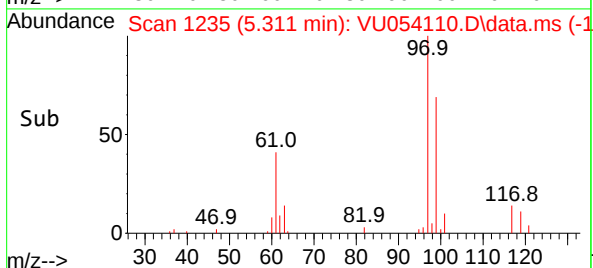
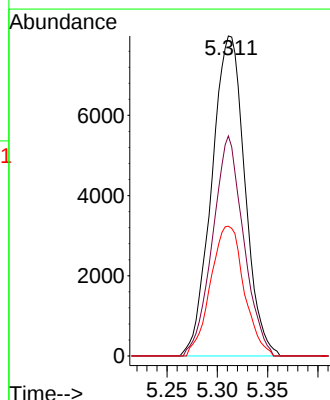
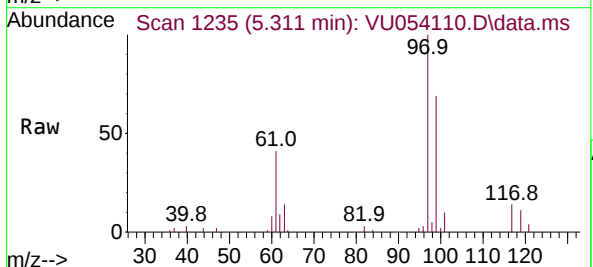
Instrument :  
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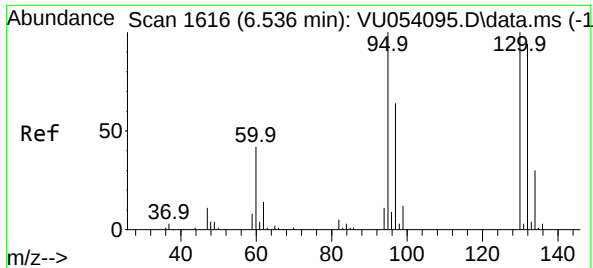
Tgt Ion: 96 Resp: 2350  
 Ion Ratio Lower Upper  
 96 100  
 61 106.9 90.9 168.9  
 98 51.9 45.7 84.9



#30  
 1,1,1-Trichloroethane  
 Concen: 7.360 ug/L  
 RT: 5.311 min Scan# 1235  
 Delta R.T. 0.000 min  
 Lab File: VU054110.D  
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Tgt Ion: 97 Resp: 18308  
 Ion Ratio Lower Upper  
 97 100  
 99 64.3 51.2 76.8  
 61 40.9 34.2 51.4





#34  
 Trichloroethene  
 Concen: 122.816 ug/L  
 RT: 6.536 min Scan# 1  
 Delta R.T. 0.000 min  
 Lab File: VU054110.D  
 Acq: 09 May 2023 03:23

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AZ0

Tgt Ion: 95 Resp: 189354

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 65.6  | 46.5  | 86.3  |
| 132 | 98.7  | 67.8  | 126.0 |
| 130 | 104.4 | 71.3  | 132.3 |

