

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU120922\  
 Data File : VU052307.D  
 Acq On : 09 Dec 2022 17:26  
 Operator : JC/MD  
 Sample : N5960-05DL 200X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 COL28DL

Quant Time: Dec 09 23:12:54 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Dec 08 04:19:43 2022  
 Response via : Initial Calibration

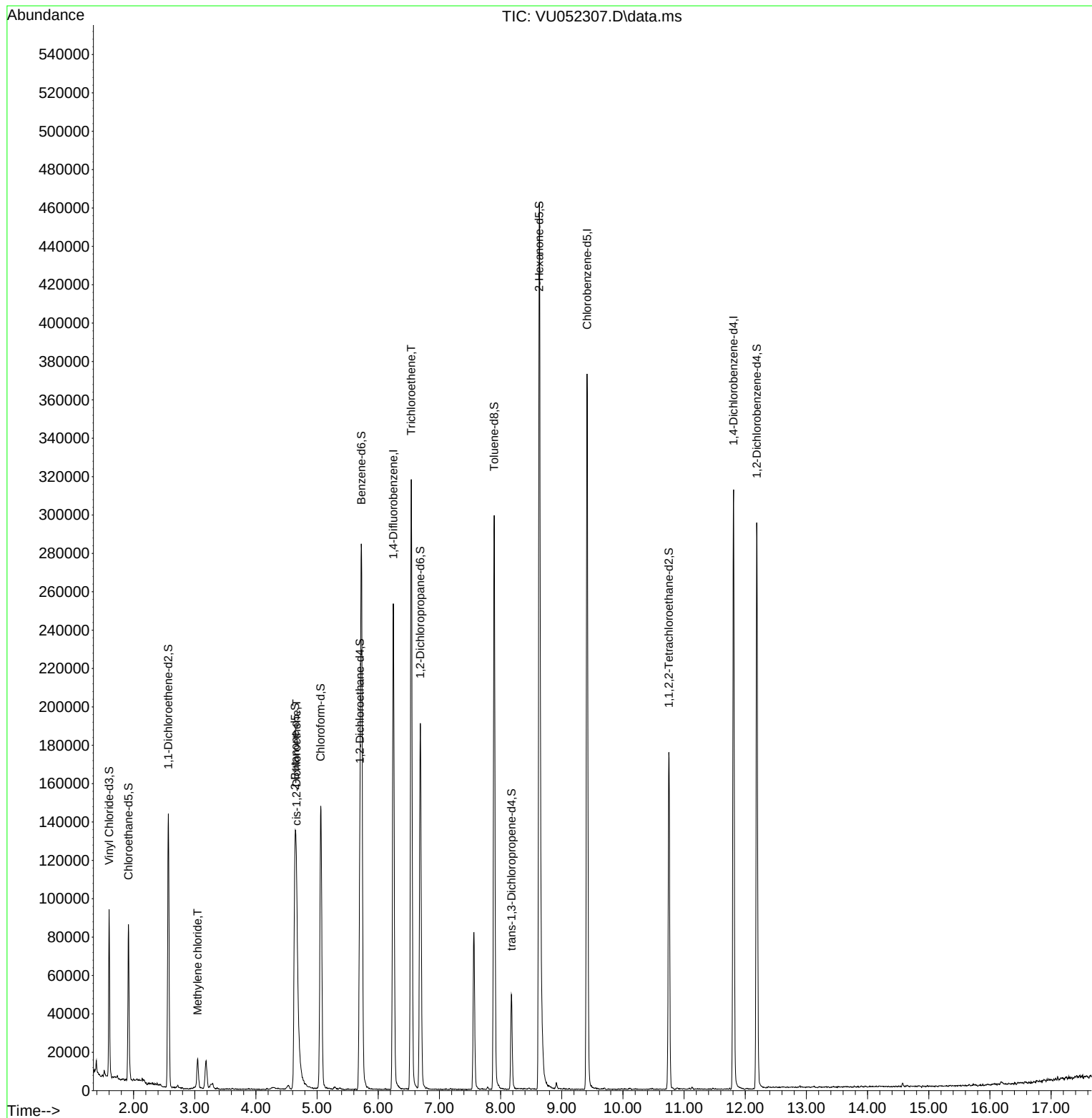
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.247  | 114   | 210947   | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.414  | 117   | 220177   | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809 | 152   | 90397    | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.601  | 65    | 62465    | 3.044    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 60.800%  |
| 7) Chloroethane-d5            | 1.916  | 69    | 62556    | 3.925    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 78.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.568  | 65    | 26424    | 3.593    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 71.800%  |
| 20) 2-Butanone-d5             | 4.642  | 46    | 233430   | 62.762   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 125.520% |
| 24) Chloroform-d              | 5.060  | 84    | 143258   | 4.752    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 95.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.700  | 65    | 77547    | 5.092    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 101.800% |
| 32) Benzene-d6                | 5.726  | 84    | 278964   | 4.268    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 85.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.687  | 67    | 100233   | 4.955    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 99.000%  |
| 41) Toluene-d8                | 7.896  | 98    | 209644   | 3.545    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 70.800%  |
| 43) trans-1,3-Dichloroprop... | 8.179  | 79    | 29946    | 4.062    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 81.200%  |
| 46) 2-Hexanone-d5             | 8.632  | 63    | 159661   | 51.107   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 102.220% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751 | 84    | 91528    | 5.218    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 104.400% |
| 66) 1,2-Dichlorobenzene-d4    | 12.189 | 152   | 82016    | 4.739    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 94.800%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 16) Methylene chloride        | 3.044  | 84    | 7608     | 0.367    | ug/L  | 99       |
| 22) cis-1,2-Dichloroethene    | 4.665  | 96    | 13002    | 0.755    | ug/L  | 99       |
| 34) Trichloroethene           | 6.539  | 95    | 112140   | 6.274    | ug/L  | 96       |
| -----                         |        |       |          |          |       |          |

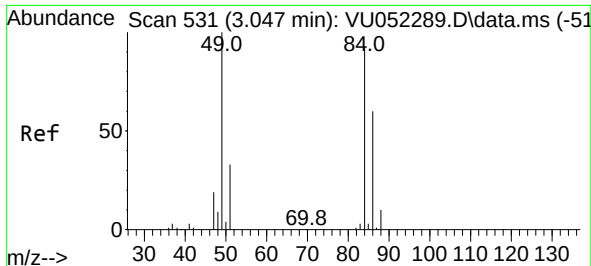
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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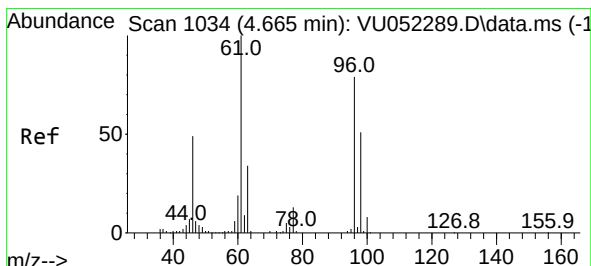
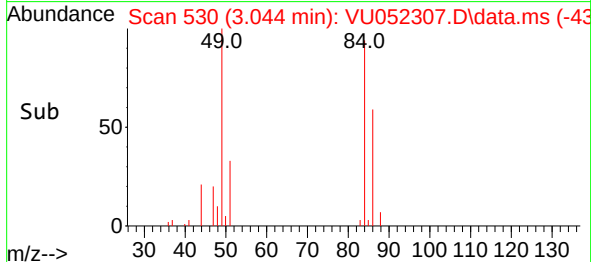
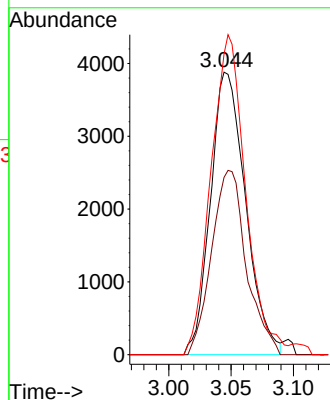
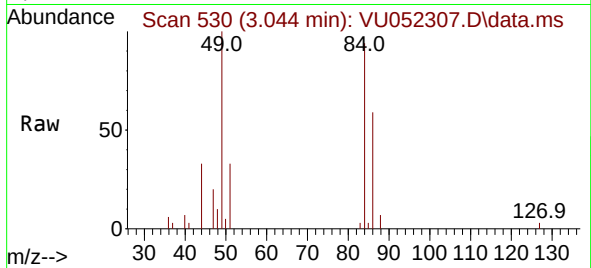




#16  
Methylene chloride  
Concen: 0.367 ug/L  
RT: 3.044 min Scan# 51  
Delta R.T. -0.003 min  
Lab File: VU052307.D  
Acq: 09 Dec 2022 17:26

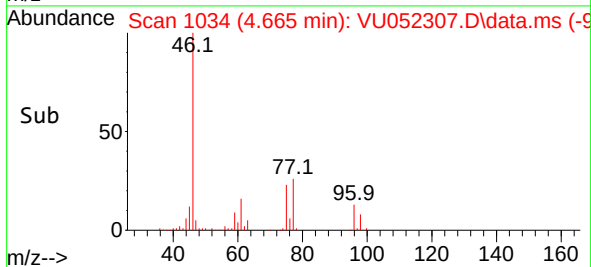
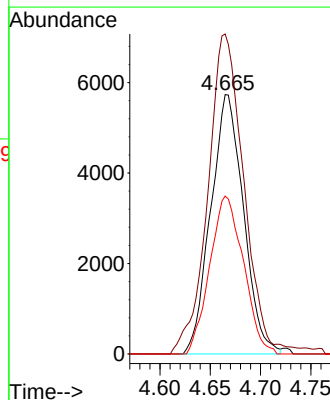
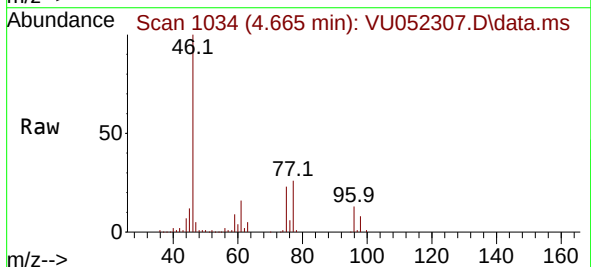
Instrument :  
MSVOA\_U  
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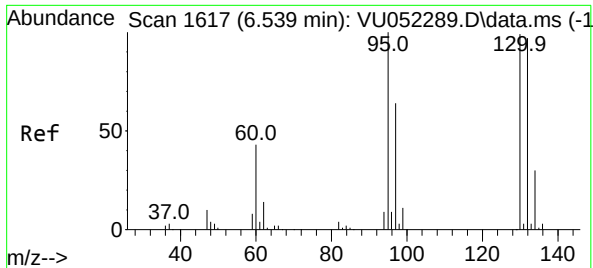
Tgt Ion: 84 Resp: 7608  
Ion Ratio Lower Upper  
84 100  
86 62.8 43.8 81.4  
49 106.4 75.9 141.1



#22  
cis-1,2-Dichloroethene  
Concen: 0.755 ug/L  
RT: 4.665 min Scan# 1034  
Delta R.T. 0.000 min  
Lab File: VU052307.D  
Acq: 09 Dec 2022 17:26

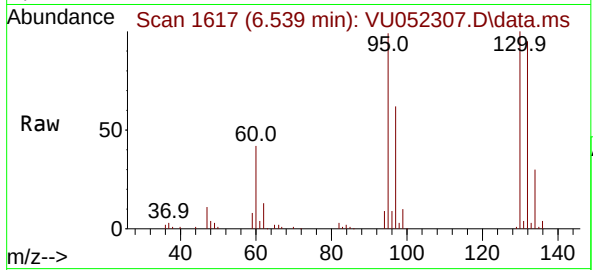
Tgt Ion: 96 Resp: 13002  
Ion Ratio Lower Upper  
96 100  
61 123.4 85.1 158.1  
98 60.9 42.8 79.6





#34  
 Trichloroethene  
 Concen: 6.274 ug/L  
 RT: 6.539 min Scan# 1  
 Delta R.T. -0.003 min  
 Lab File: VU052307.D  
 Acq: 09 Dec 2022 17:26

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0L28DL



Tgt Ion: 95 Resp: 112140

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 62.5  | 43.7  | 81.1  |
| 132 | 96.0  | 64.3  | 119.3 |
| 130 | 101.0 | 67.3  | 124.9 |

