

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU081424\  
 Data File : VU060452.D  
 Acq On : 14 Aug 2024 14:36  
 Operator : MD/SY  
 Sample : P3583-03DL 100X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 COUB9DL

Quant Time: Aug 14 17:17:06 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR080824WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Aug 14 01:18:59 2024  
 Response via : Initial Calibration

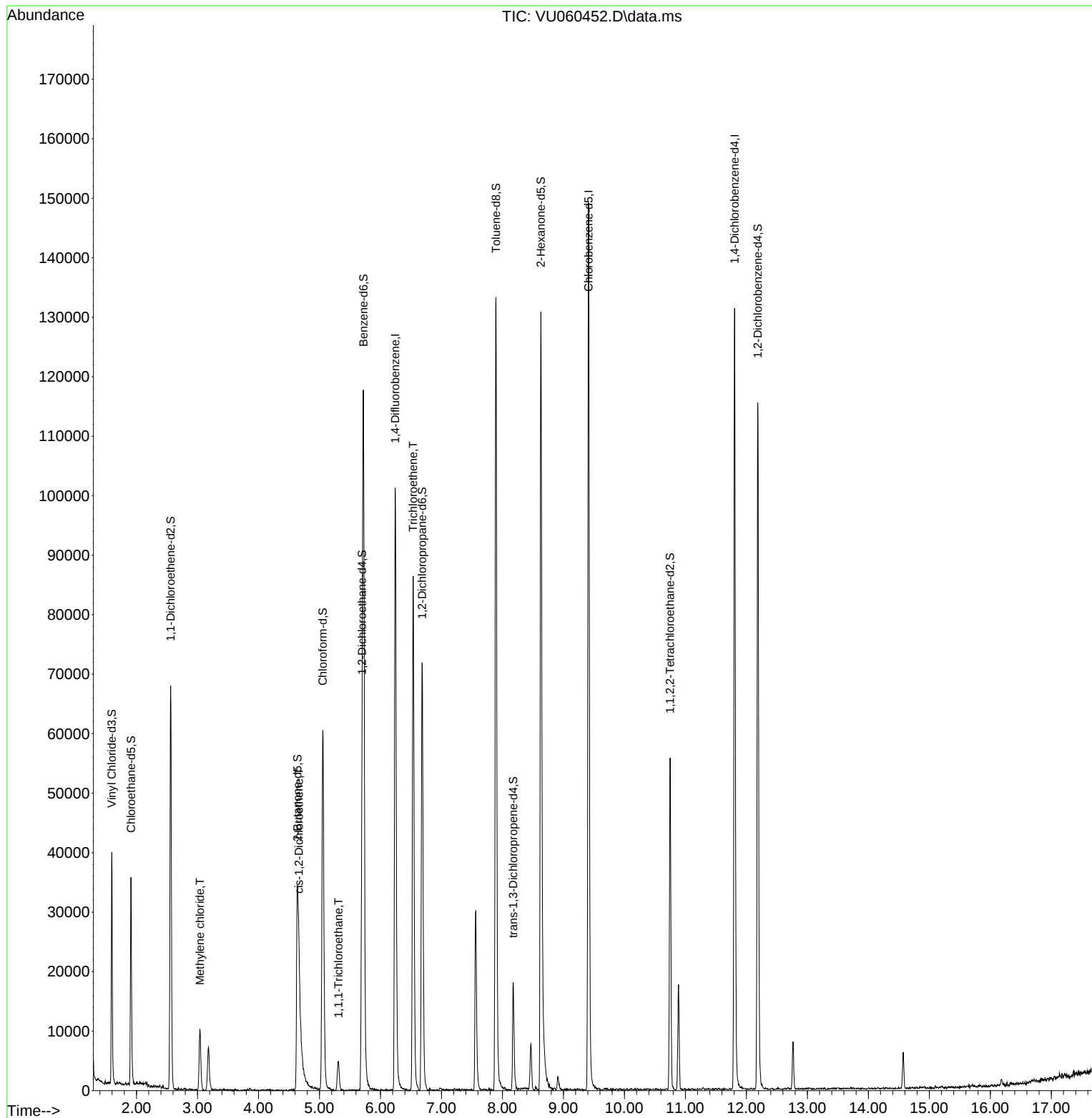
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 87910    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 91025    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 39063    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65    | 28055    | 4.066    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 81.400%  |
| 7) Chloroethane-d5            | 1.911  | 69    | 26337    | 4.233    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 84.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 12706    | 4.326    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 86.600%  |
| 20) 2-Butanone-d5             | 4.637  | 46    | 61441    | 41.955   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 83.900%  |
| 24) Chloroform-d              | 5.055  | 84    | 59491    | 4.354    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 87.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65    | 29969    | 4.730    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 94.600%  |
| 32) Benzene-d6                | 5.721  | 84    | 115263   | 4.199    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 84.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67    | 38308    | 4.499    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 90.000%  |
| 41) Toluene-d8                | 7.894  | 98    | 96319    | 3.930    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 78.600%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 11772    | 4.276    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 85.600%  |
| 46) 2-Hexanone-d5             | 8.630  | 63    | 48168    | 39.429   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 78.860%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84    | 28761    | 4.116    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 82.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 33977    | 4.722    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 94.400%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 16) Methylene chloride        | 3.039  | 84    | 5348     | 0.649    | ug/L   | 97       |
| 22) cis-1,2-Dichloroethene    | 4.663  | 96    | 2761     | 0.402    | ug/L   | 86       |
| 29) 1,1,1-Trichloroethane     | 5.312  | 97    | 4340     | 0.436    | ug/L   | 97       |
| 34) Trichloroethene           | 6.537  | 95    | 30727    | 4.479    | ug/L   | 99       |
| -----                         |        |       |          |          |        |          |

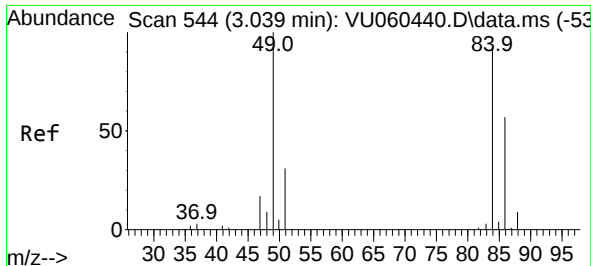
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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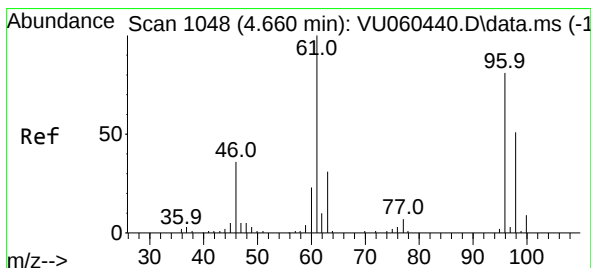
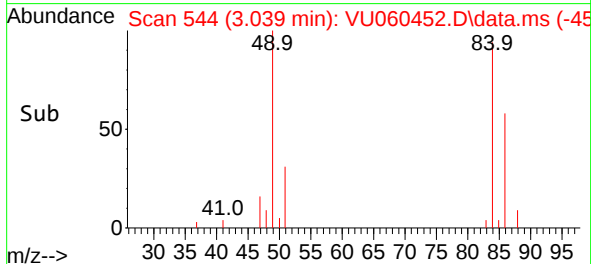
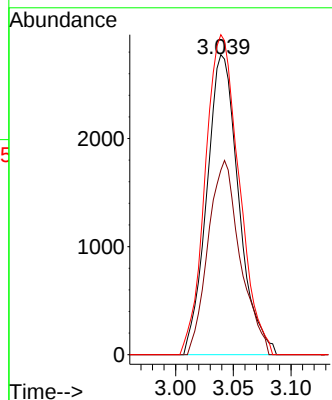
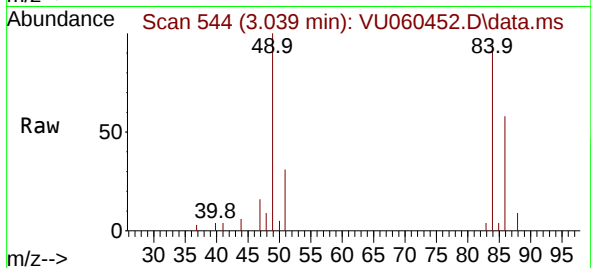




#16  
Methylene chloride  
Concen: 0.649 ug/L  
RT: 3.039 min Scan# 544  
Delta R.T. 0.000 min  
Lab File: VU060452.D  
Acq: 14 Aug 2024 14:36

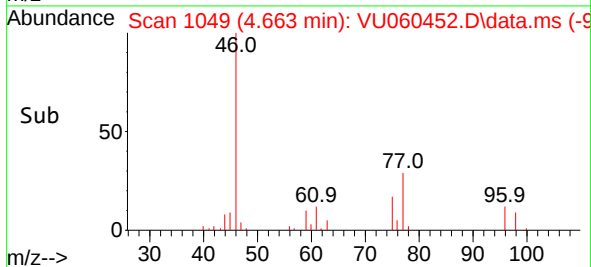
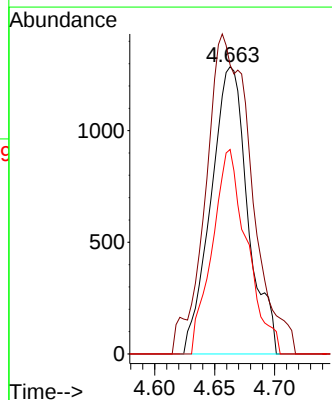
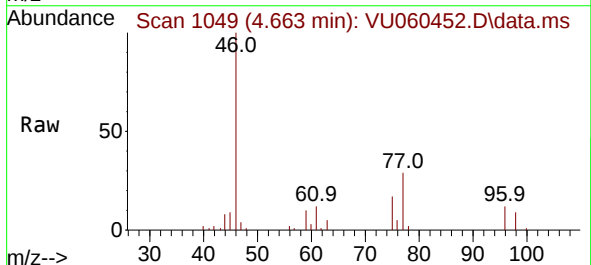
Instrument :  
MSVOA\_U  
ClientSampleId :  
C0UB9DL

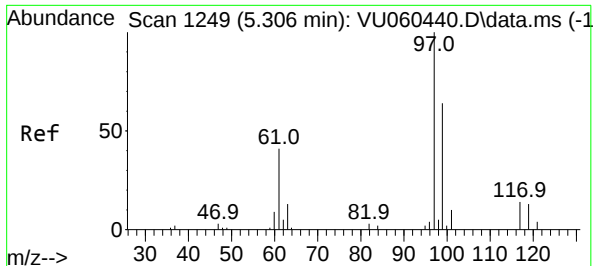
Tgt Ion: 84 Resp: 5348  
Ion Ratio Lower Upper  
84 100  
86 61.5 47.1 87.5  
49 106.7 73.9 137.3



#22  
cis-1,2-Dichloroethene  
Concen: 0.402 ug/L  
RT: 4.663 min Scan# 1049  
Delta R.T. 0.003 min  
Lab File: VU060452.D  
Acq: 14 Aug 2024 14:36

Tgt Ion: 96 Resp: 2761  
Ion Ratio Lower Upper  
96 100  
61 100.6 81.5 151.5  
98 71.2 43.5 80.7

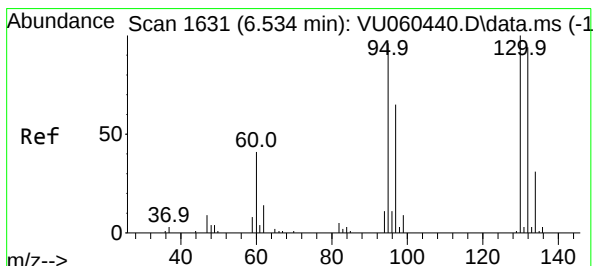
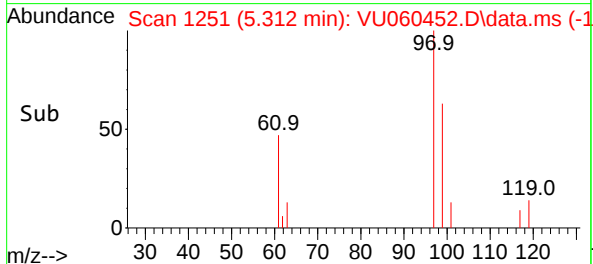
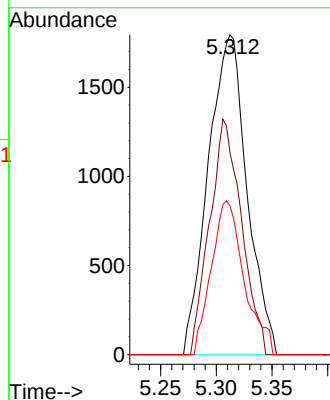
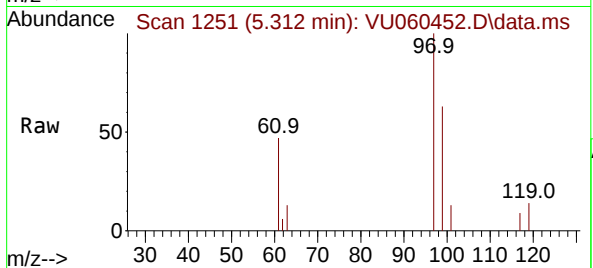




#29  
1,1,1-Trichloroethane  
Concen: 0.436 ug/L  
RT: 5.312 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VU060452.D  
Acq: 14 Aug 2024 14:36

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0UB9DL

|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 4340  |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 99 60.7     | 51.4 77.2   |
| 61 40.8     | 33.0 49.6   |



#34  
Trichloroethene  
Concen: 4.479 ug/L  
RT: 6.537 min Scan# 1632  
Delta R.T. 0.000 min  
Lab File: VU060452.D  
Acq: 14 Aug 2024 14:36

|             |             |
|-------------|-------------|
| Tgt Ion: 95 | Resp: 30727 |
| Ion Ratio   | Lower Upper |
| 95 100      |             |
| 97 65.3     | 43.6 81.0   |
| 132 96.4    | 67.1 124.5  |
| 130 99.9    | 69.6 129.2  |

