

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU040924\  
 Data File : VU058531.D  
 Acq On : 09 Apr 2024 22:19  
 Operator : MD/SY  
 Sample : P1970-13 400X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AK3

Quant Time: Apr 10 02:17:19 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR040424WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Apr 10 02:08:42 2024  
 Response via : Initial Calibration

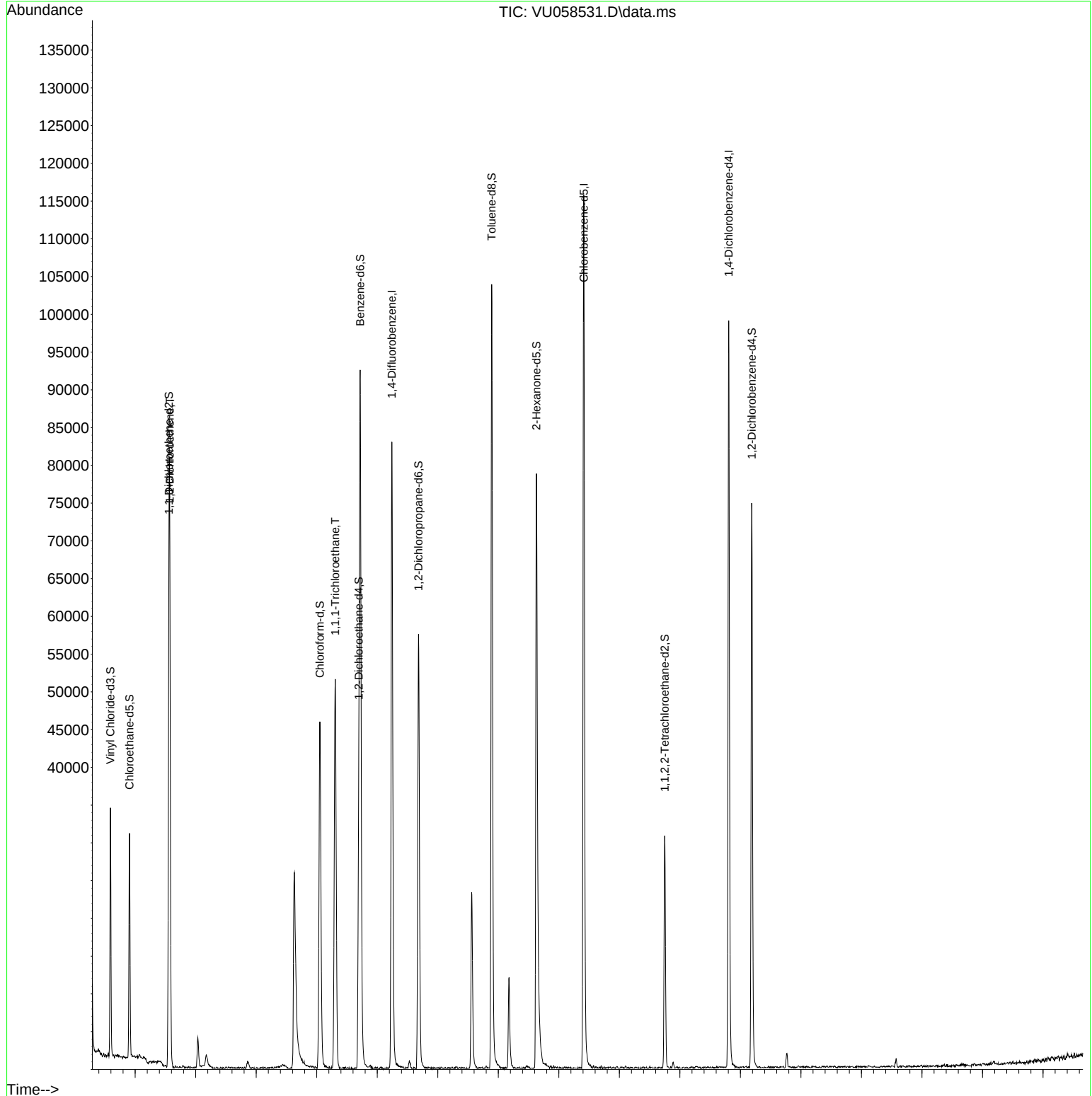
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.241  | 114            | 65984    | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117            | 61374    | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152            | 25643    | 5.000  | ug/L     | 0.00     |
|                               |        |                |          |        |          |          |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.592  | 65             | 22646    | 5.184  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 103.600% |          |
| 7) Chloroethane-d5            | 1.907  | 69             | 20293    | 5.345  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 107.000% |          |
| 11) 1,1-Dichloroethene-d2     | 2.557  | 65             | 10162    | 5.139  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 102.800% |          |
| 20) 2-Butanone-d5             | 4.631  | 46             | 42284    | 45.929 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 91.860%  |          |
| 24) Chloroform-d              | 5.052  | 84             | 42734    | 4.900  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 98.000%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65             | 20023    | 4.920  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 98.400%  |          |
| 32) Benzene-d6                | 5.717  | 84             | 85720    | 5.188  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 103.800% |          |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67             | 26811    | 5.174  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 103.400% |          |
| 41) Toluene-d8                | 7.891  | 98             | 68879    | 4.701  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 94.000%  |          |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79             | 7401     | 4.601  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 92.000%  |          |
| 46) 2-Hexanone-d5             | 8.630  | 63             | 27471    | 41.407 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 82.820%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84             | 15886    | 4.343  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 86.800%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152            | 19282    | 4.465  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 89.200%  |          |
|                               |        |                |          |        |          |          |
| Target Compounds              |        |                |          |        | Qvalue   |          |
| 12) 1,1-Dichloroethene        | 2.573  | 96             | 15090    | 3.227  | ug/L     | 92       |
| 16) Methylene chloride        | 3.033  | 84             | 1684     | 0.271  | ug/L     | 92       |
| 29) 1,1,1-Trichloroethane     | 5.306  | 97             | 36421    | 4.426  | ug/L     | 98       |
| -----                         |        |                |          |        |          |          |

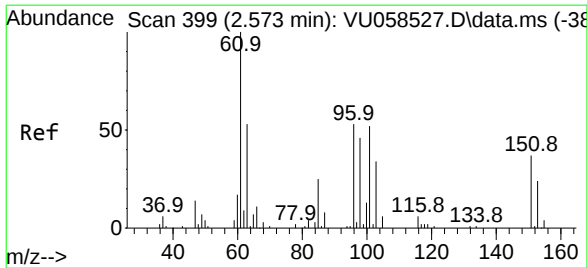
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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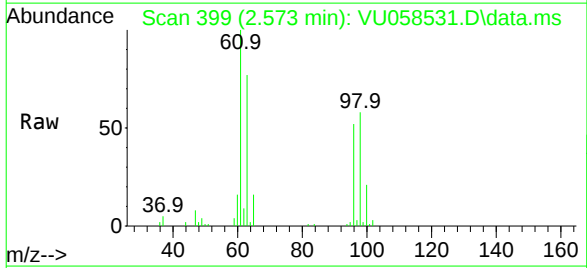
Quant Time: Apr 10 02:17:19 2024  
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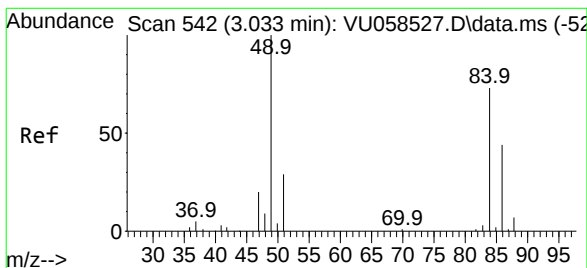
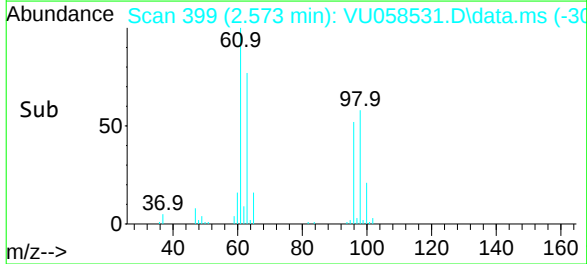
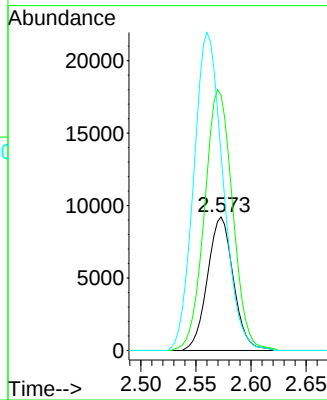


#12  
1,1-Dichloroethene  
Concen: 3.227 ug/L  
RT: 2.573 min Scan# 399  
Delta R.T. -0.000 min  
Lab File: VU058531.D  
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Instrument :  
MSVOA\_U  
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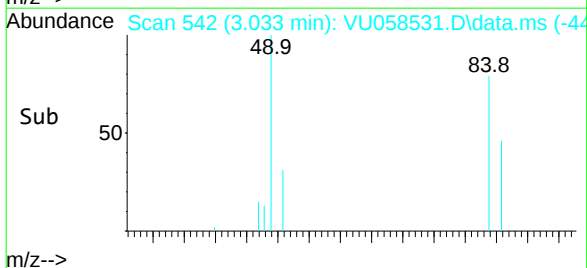
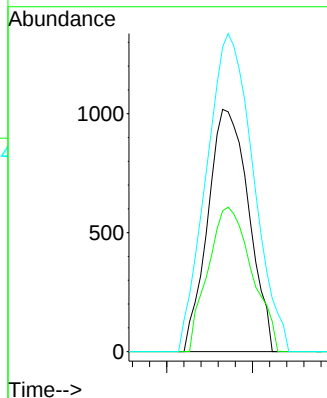
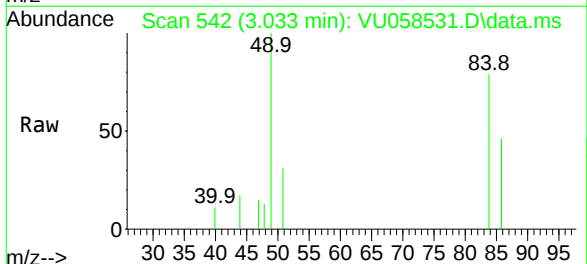


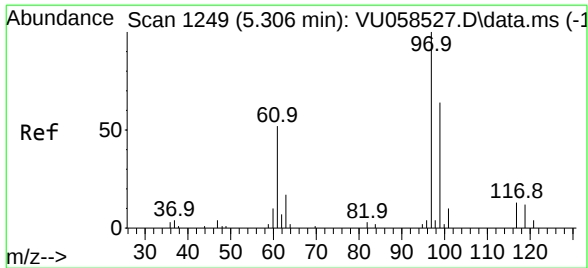
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 15090 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 191.3 | 132.5 | 246.1 |
| 63       | 147.0 | 87.7  | 162.9 |



#16  
Methylene chloride  
Concen: 0.271 ug/L  
RT: 3.033 min Scan# 542  
Delta R.T. -0.000 min  
Lab File: VU058531.D  
Acq: 09 Apr 2024 22:19

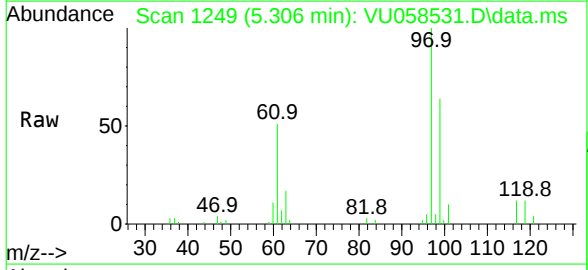
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 1684  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 86       | 58.2  | 44.3  | 82.3  |
| 49       | 125.8 | 96.0  | 178.2 |





1,1,1-Trichloroethane  
 Concen: 4.426 ug/L  
 RT: 5.306 min Scan# 12  
 Delta R.T. -0.000 min  
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Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AK3



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 36421 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 62.9  | 50.4  | 75.6  |
| 61       | 51.6  | 39.4  | 59.0  |

