

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU121724\  
 Data File : VU062412.D  
 Acq On : 18 Dec 2024 02:17  
 Operator : MD/SY  
 Sample : P5309-06  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0CF7

Quant Time: Dec 18 06:45:24 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR120924WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Dec 18 01:12:26 2024  
 Response via : Initial Calibration

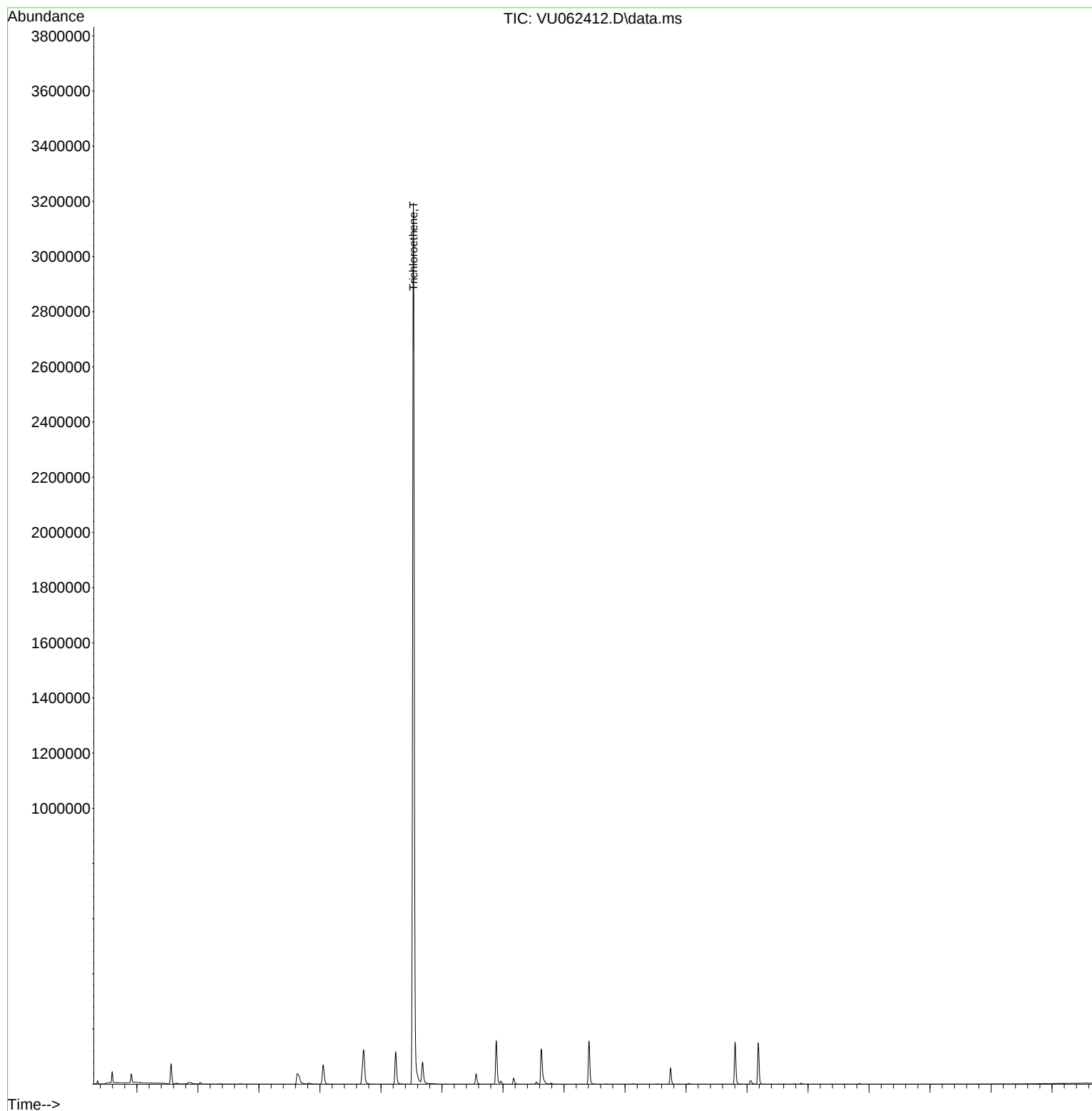
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 98012    | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.409  | 117   | 90924    | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.804 | 152   | 44351    | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 27487    | 4.158    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 83.200%  |
| 7) Chloroethane-d5            | 1.908  | 69    | 23122    | 4.917    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 98.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 13257    | 4.215    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 84.400%  |
| 20) 2-Butanone-d5             | 4.628  | 46    | 56302    | 44.438   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 88.880%  |
| 24) Chloroform-d              | 5.052  | 84    | 66534    | 4.650    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 93.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.692  | 65    | 34454    | 4.897    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 98.000%  |
| 32) Benzene-d6                | 5.718  | 84    | 120859   | 4.615    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 92.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 34878    | 4.655    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 93.000%  |
| 41) Toluene-d8                | 7.891  | 98    | 110949   | 4.485    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 89.600%  |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79    | 14002    | 4.245    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 85.000%  |
| 46) 2-Hexanone-d5             | 8.628  | 63    | 45365    | 45.593   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 91.180%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84    | 26898    | 4.613    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 92.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 42393    | 5.187    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 103.800% |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       |          |
| 13) Acetone                   | 2.650  | 43    | 4008     | 4.646    | ug/L  | 99       |
| 16) Methylene chloride        | 3.039  | 84    | 2613     | 0.376    | ug/L  | 87       |
| 22) cis-1,2-Dichloroethene    | 4.657  | 96    | 9035     | 1.186    | ug/L  | 93       |
| 34) Trichloroethene           | 6.531  | 95    | 1103555  | 138.262  | ug/L  | 95       |
| -----                         |        |       |          |          |       |          |

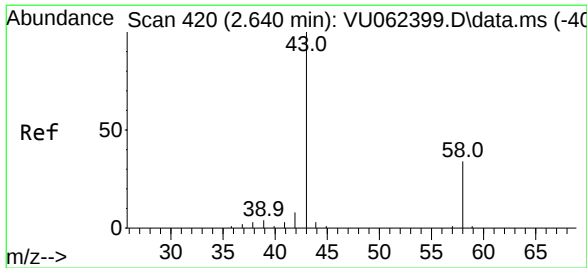
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.646 ug/L

RT: 2.650 min Scan# 42

Delta R.T. 0.010 min

Lab File: VU062412.D

Acq: 18 Dec 2024 02:17

Instrument :

MSVOA\_U

ClientSampleId :

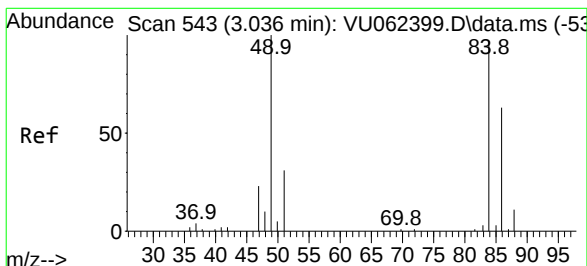
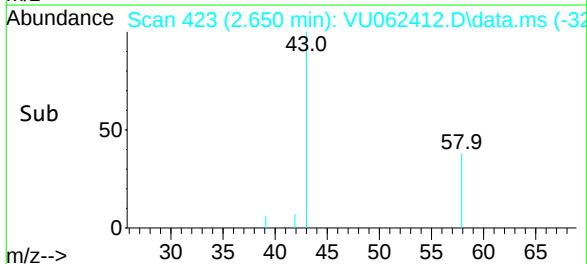
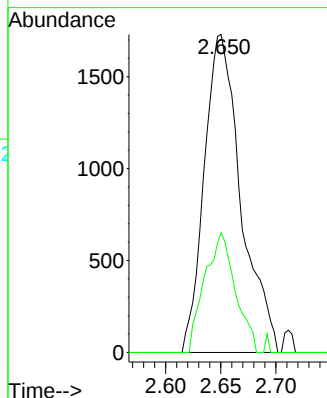
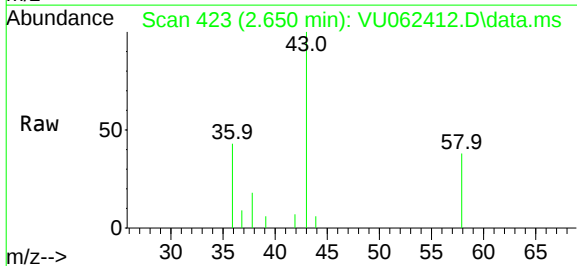
C0CF7

Tgt Ion: 43 Resp: 4008

Ion Ratio Lower Upper

43 100

58 31.5 0.0 64.0



#16

Methylene chloride

Concen: 0.376 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.003 min

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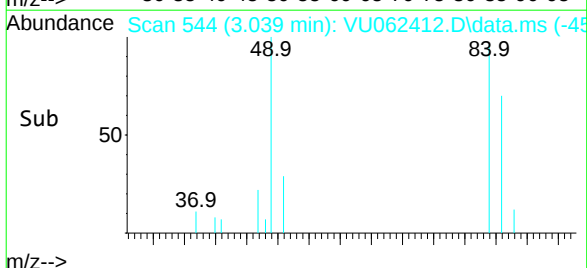
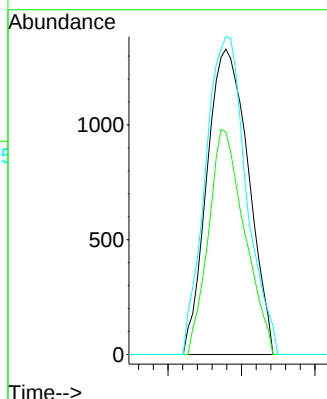
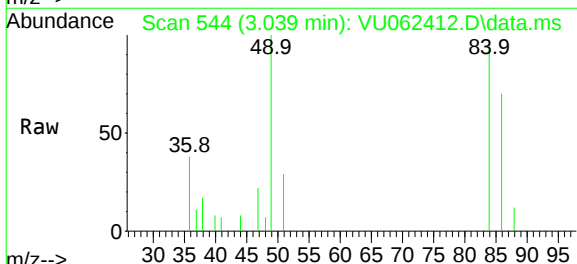
Tgt Ion: 84 Resp: 2613

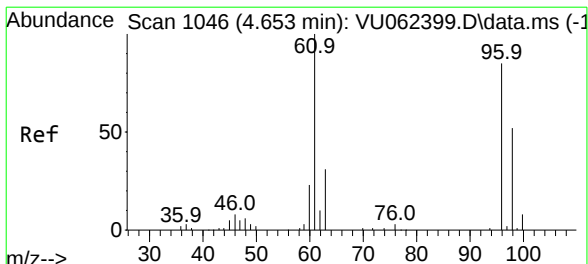
Ion Ratio Lower Upper

84 100

86 72.9 43.5 80.7

49 104.1 81.9 152.1

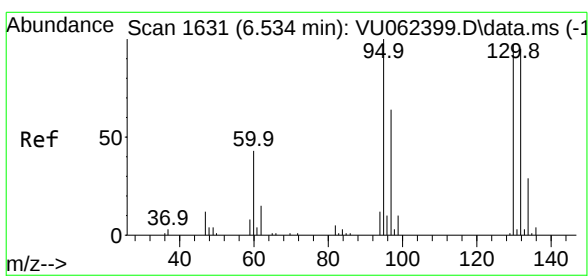
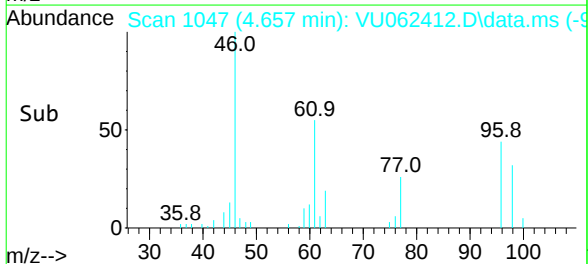
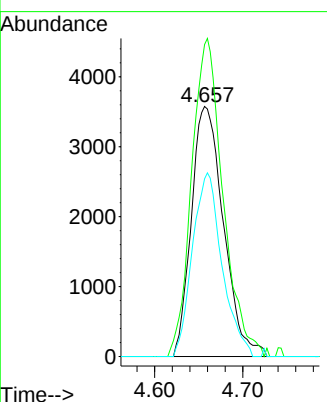
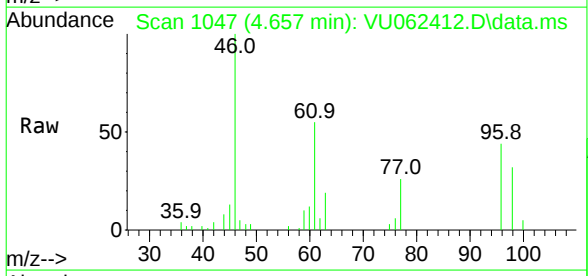




#22  
 cis-1,2-Dichloroethene  
 Concen: 1.186 ug/L  
 RT: 4.657 min Scan# 1047  
 Delta R.T. 0.003 min  
 Lab File: VU062412.D  
 Acq: 18 Dec 2024 02:17

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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 9035  |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 124.8 | 92.0  | 170.8 |
| 98       | 71.1  | 44.5  | 82.7  |



#34  
 Trichloroethene  
 Concen: 138.262 ug/L  
 RT: 6.531 min Scan# 1630  
 Delta R.T. -0.003 min  
 Lab File: VU062412.D  
 Acq: 18 Dec 2024 02:17

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 95    | Resp: | 1103555 |
| Ion      | Ratio | Lower | Upper   |
| 95       | 100   |       |         |
| 97       | 64.5  | 45.9  | 85.3    |
| 132      | 96.7  | 63.8  | 118.4   |
| 130      | 100.1 | 65.5  | 121.7   |

