

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU032824\  
 Data File : VU058248.D  
 Acq On : 28 Mar 2024 18:39  
 Operator : MD/SY  
 Sample : P1902-13  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DCOC2

Quant Time: Mar 29 01:13:06 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR032124WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Mar 29 01:09:13 2024  
 Response via : Initial Calibration

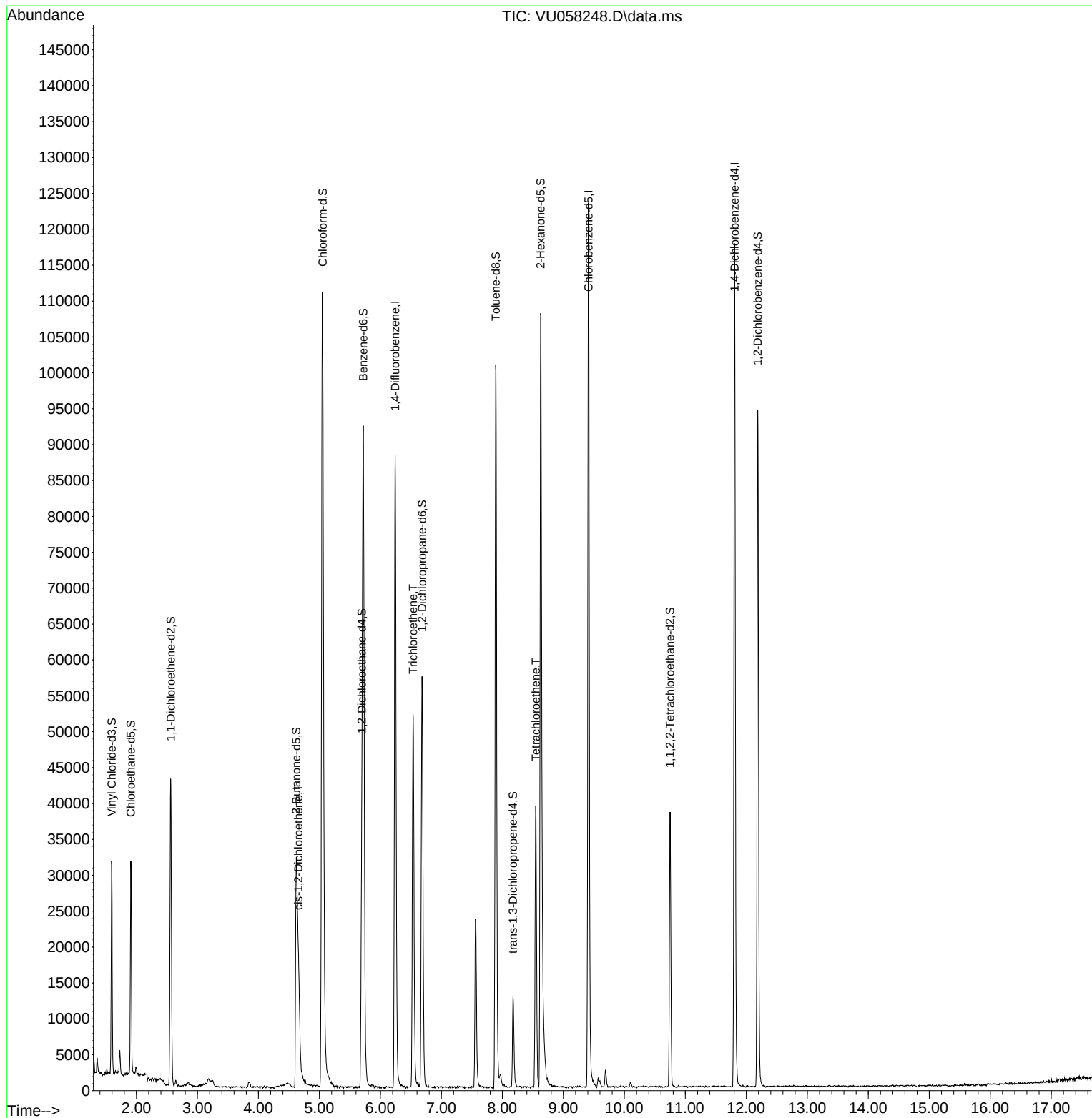
| Compound                      | R.T.   | QIon           | Response | Conc   | Units   | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|---------|----------|
| -----                         |        |                |          |        |         |          |
| Internal Standards            |        |                |          |        |         |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114            | 71313    | 5.000  | ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117            | 68047    | 5.000  | ug/L    | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152            | 30873    | 5.000  | ug/L    | 0.00     |
| System Monitoring Compounds   |        |                |          |        |         |          |
| 4) Vinyl Chloride-d3          | 1.592  | 65             | 19565    | 3.247  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 65.000% |          |
| 7) Chloroethane-d5            | 1.908  | 69             | 20362    | 4.139  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 82.800% |          |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65             | 8115     | 3.243  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 64.800% |          |
| 20) 2-Butanone-d5             | 4.621  | 46             | 52765    | 49.284 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 98.560% |          |
| 24) Chloroform-d              | 5.052  | 84             | 45280    | 4.203  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 84.000% |          |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65             | 22915    | 4.549  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 91.000% |          |
| 32) Benzene-d6                | 5.718  | 84             | 85564    | 3.871  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 77.400% |          |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67             | 27965    | 4.293  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 85.800% |          |
| 41) Toluene-d8                | 7.891  | 98             | 69542    | 3.552  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 71.000% |          |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79             | 8305     | 3.979  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 79.600% |          |
| 46) 2-Hexanone-d5             | 8.627  | 63             | 39033    | 46.179 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 92.360% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750 | 84             | 19740    | 4.652  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 93.000% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152            | 24430    | 4.249  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 85.000% |          |
| Target Compounds              |        |                |          |        |         |          |
|                               |        |                |          |        | Qvalue  |          |
| 22) cis-1,2-Dichloroethene    | 4.657  | 96             | 4844     | 1.049  | ug/L    | 87       |
| 34) Trichloroethene           | 6.534  | 95             | 18452    | 3.963  | ug/L    | 96       |
| 47) Tetrachloroethene         | 8.547  | 164            | 8689     | 2.786  | ug/L    | 93       |
| -----                         |        |                |          |        |         |          |

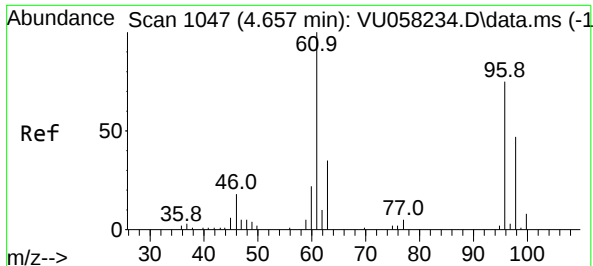
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#22

cis-1,2-Dichloroethene

Concen: 1.049 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. 0.000 min

Lab File: VU058248.D

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MSVOA\_U

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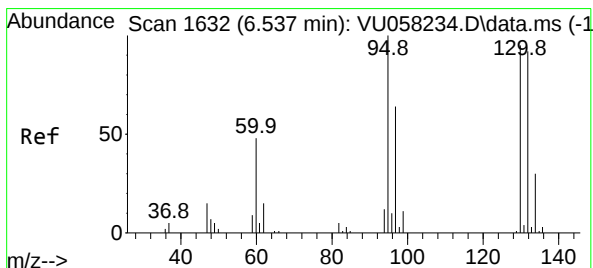
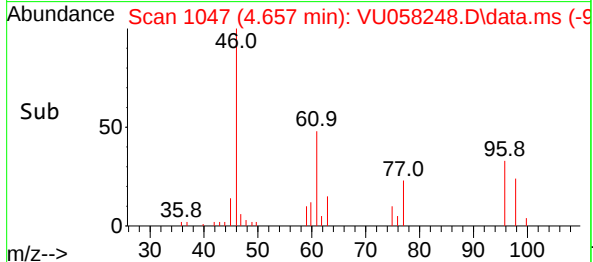
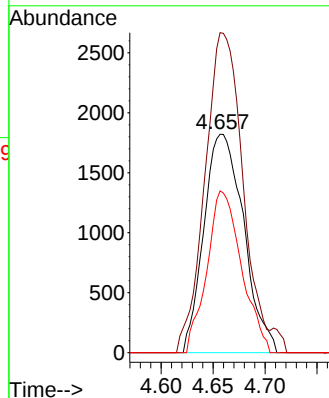
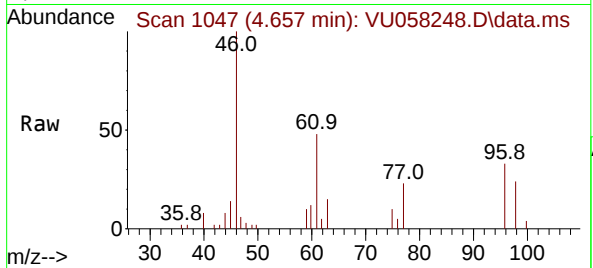
Tgt Ion: 96 Resp: 4844

Ion Ratio Lower Upper

96 100

61 146.5 92.8 172.4

98 74.1 43.2 80.2



#34

Trichloroethene

Concen: 3.963 ug/L

RT: 6.534 min Scan# 1631

Delta R.T. -0.003 min

Lab File: VU058248.D

Acq: 28 Mar 2024 18:39

Tgt Ion: 95 Resp: 18452

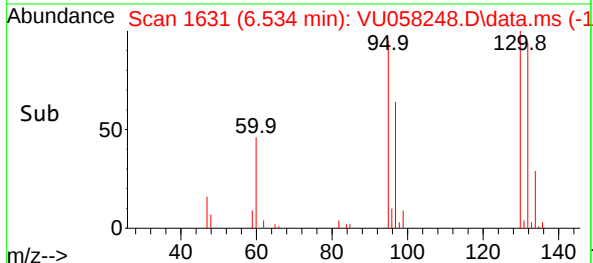
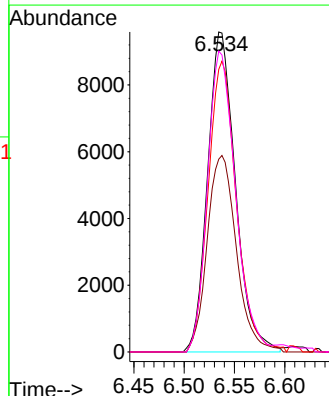
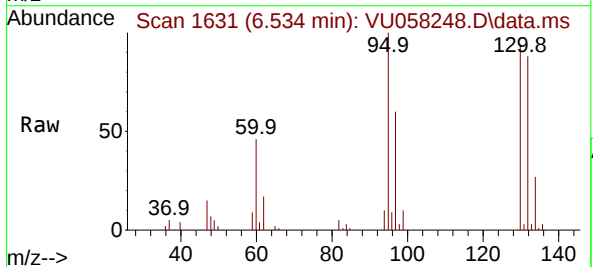
Ion Ratio Lower Upper

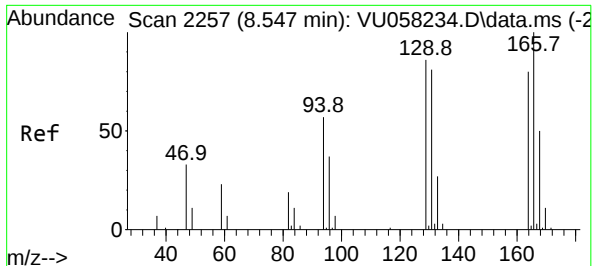
95 100

97 60.3 47.7 88.7

132 88.3 63.6 118.2

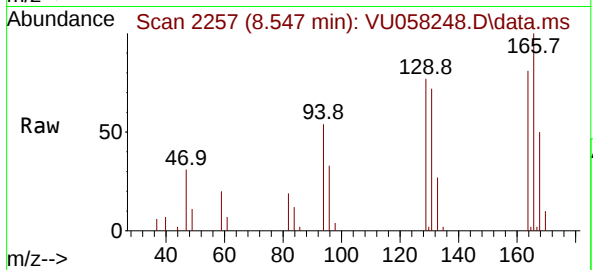
130 94.0 65.1 120.9





#47  
 Tetrachloroethene  
 Concen: 2.786 ug/L  
 RT: 8.547 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VU058248.D  
 Acq: 28 Mar 2024 18:39

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 MSVOA\_U  
 ClientSampleId :  
 DCOC2



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 8689  |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 95.6  | 71.3  | 132.3 |
| 131      | 89.5  | 70.8  | 131.4 |
| 166      | 124.0 | 90.9  | 168.9 |

