

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU021122\  
 Data File : VU047107.D  
 Acq On : 11 Feb 2022 12:06  
 Operator : SY/MD  
 Sample : N1462-21  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F4M48

Quant Time: Feb 12 01:26:28 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM021022WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Feb 12 01:25:35 2022  
 Response via : Initial Calibration

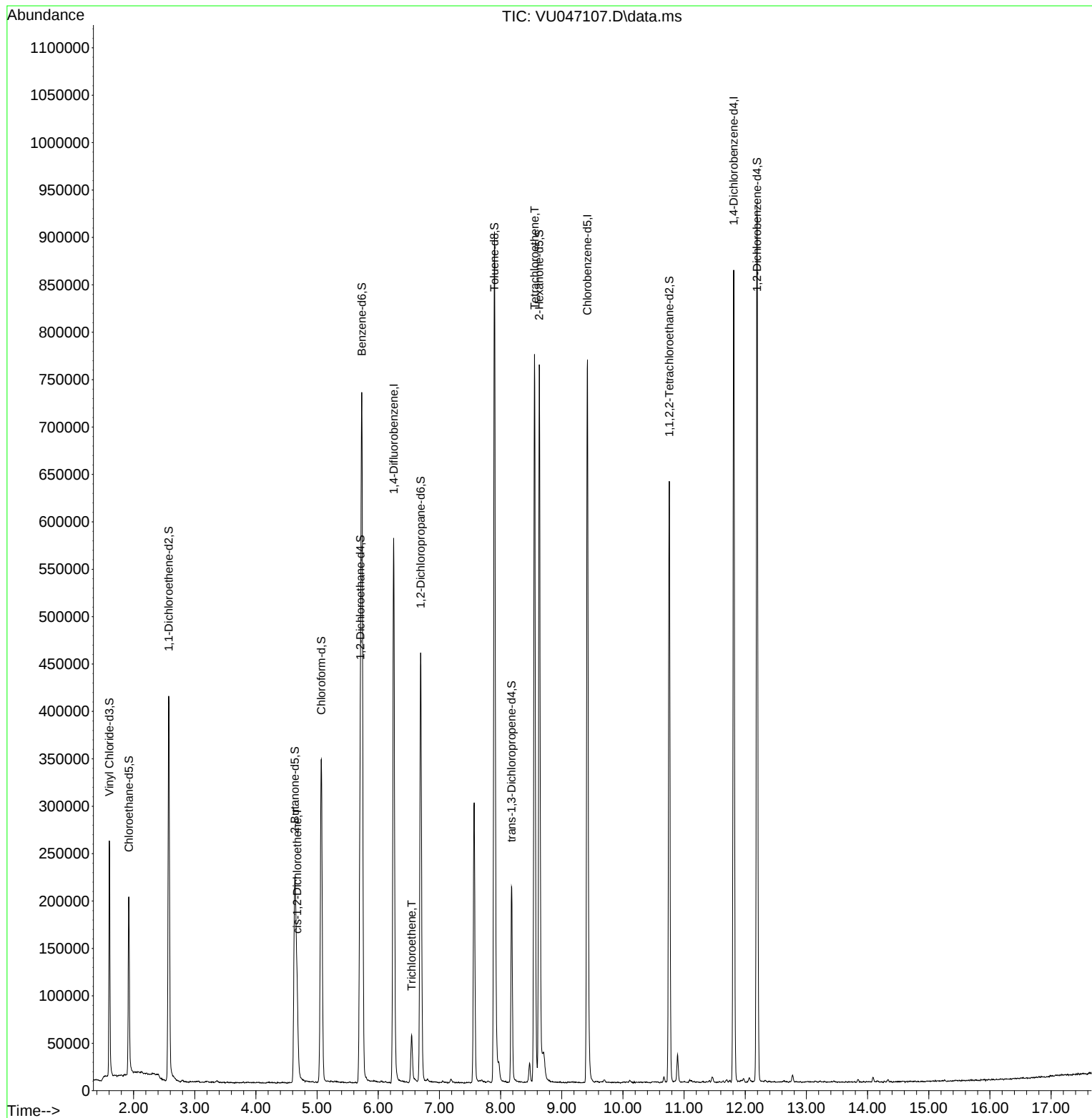
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.253   | 114   | 485756   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.420   | 117   | 452522   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812  | 152   | 231215   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.604   | 65    | 184217   | 41.757   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 83.520%  |
| 7) Chloroethane-d5            | 1.922   | 69    | 143833   | 43.981   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 87.960%  |
| 11) 1,1-Dichloroethene-d2     | 2.575   | 63    | 244830   | 33.489   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 66.980%  |
| 21) 2-Butanone-d5             | 4.636   | 46    | 383506   | 112.088  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 112.090% |
| 24) Chloroform-d              | 5.070   | 84    | 315993   | 44.121   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 88.240%  |
| 26) 1,2-Dichloroethane-d4     | 5.706   | 65    | 213466   | 46.437   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 92.880%  |
| 32) Benzene-d6                | 5.732   | 84    | 682057   | 45.336   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 90.680%  |
| 36) 1,2-Dichloropropane-d6    | 6.694   | 67    | 224396   | 45.994   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 91.980%  |
| 41) Toluene-d8                | 7.899   | 98    | 645109   | 45.037   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 90.080%  |
| 43) trans-1,3-Dichloroprop... | 8.179   | 79    | 115351   | 45.116   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 90.240%  |
| 47) 2-Hexanone-d5             | 8.632   | 63    | 283721   | 101.508  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 101.510% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758  | 84    | 321546   | 45.199   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 90.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.192  | 152   | 247539   | 45.141   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 90.280%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 20) cis-1,2-Dichloroethene    | 4.674   | 96    | 29873    | 8.138    | ug/L   | 97       |
| 34) Trichloroethene           | 6.546   | 95    | 16009    | 4.367    | ug/L   | 99       |
| 46) Tetrachloroethene         | 8.555   | 164   | 182401   | 61.845   | ug/L   | 97       |
| -----                         |         |       |          |          |        |          |

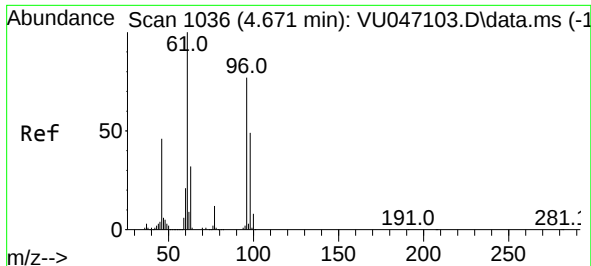
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 8.138 ug/L

RT: 4.674 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VU047107.D

Acq: 11 Feb 2022 12:06

Instrument :

MSVOA\_U

ClientSampleId :

F4M48

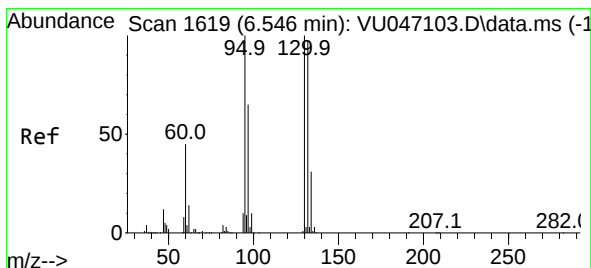
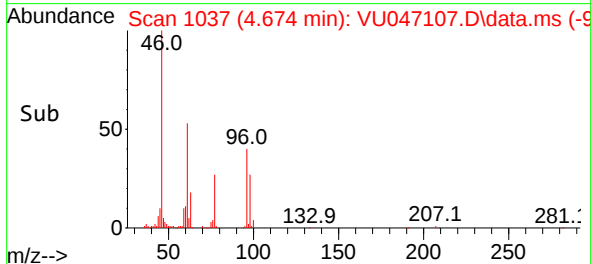
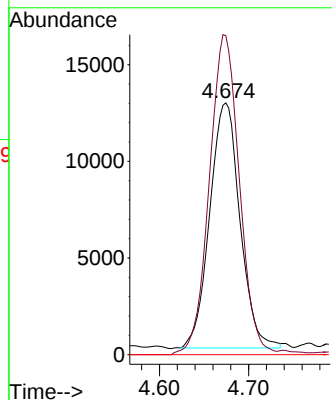
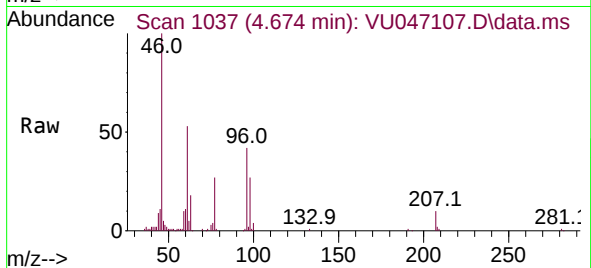
Tgt Ion: 96 Resp: 29873

Ion Ratio Lower Upper

96 100

61 126.7 86.0 159.6

68 0.0 0.0 0.0



#34

Trichloroethene

Concen: 4.367 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VU047107.D

Acq: 11 Feb 2022 12:06

Tgt Ion: 95 Resp: 16009

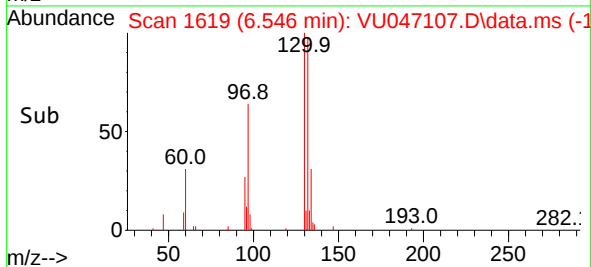
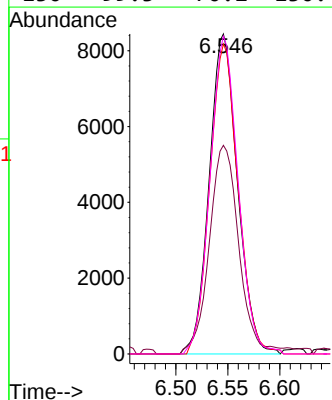
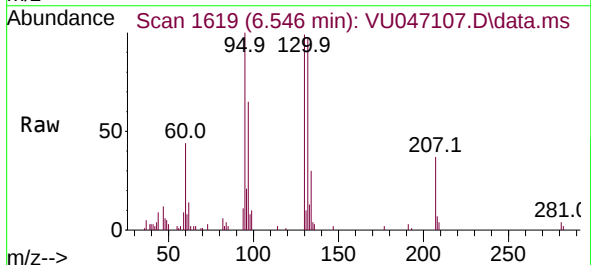
Ion Ratio Lower Upper

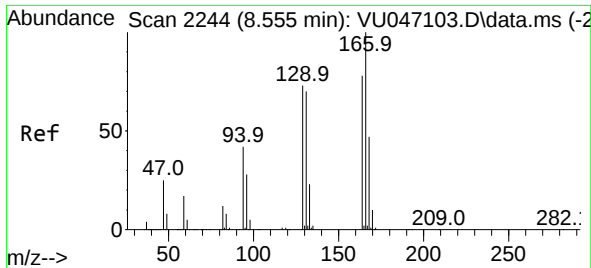
95 100

97 65.2 45.1 83.7

132 96.8 66.7 123.9

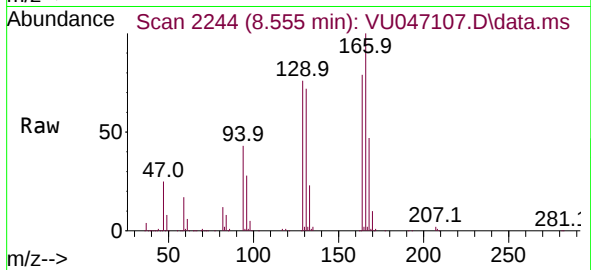
130 99.3 70.2 130.4





#46  
 Tetrachloroethene  
 Concen: 61.845 ug/L  
 RT: 8.555 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VU047107.D  
 Acq: 11 Feb 2022 12:06

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Tgt Ion:164 Resp: 182401

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 96.2  | 69.5  | 129.1 |
| 131 | 91.0  | 67.0  | 124.4 |
| 166 | 127.2 | 90.6  | 168.2 |

