

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU090822\  
 Data File : VU050681.D  
 Acq On : 08 Sep 2022 13:01  
 Operator : SY/MD  
 Sample : N4475-02  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DBVE1

Quant Time: Sep 08 22:54:22 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM090222WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Sep 08 22:51:50 2022  
 Response via : Initial Calibration

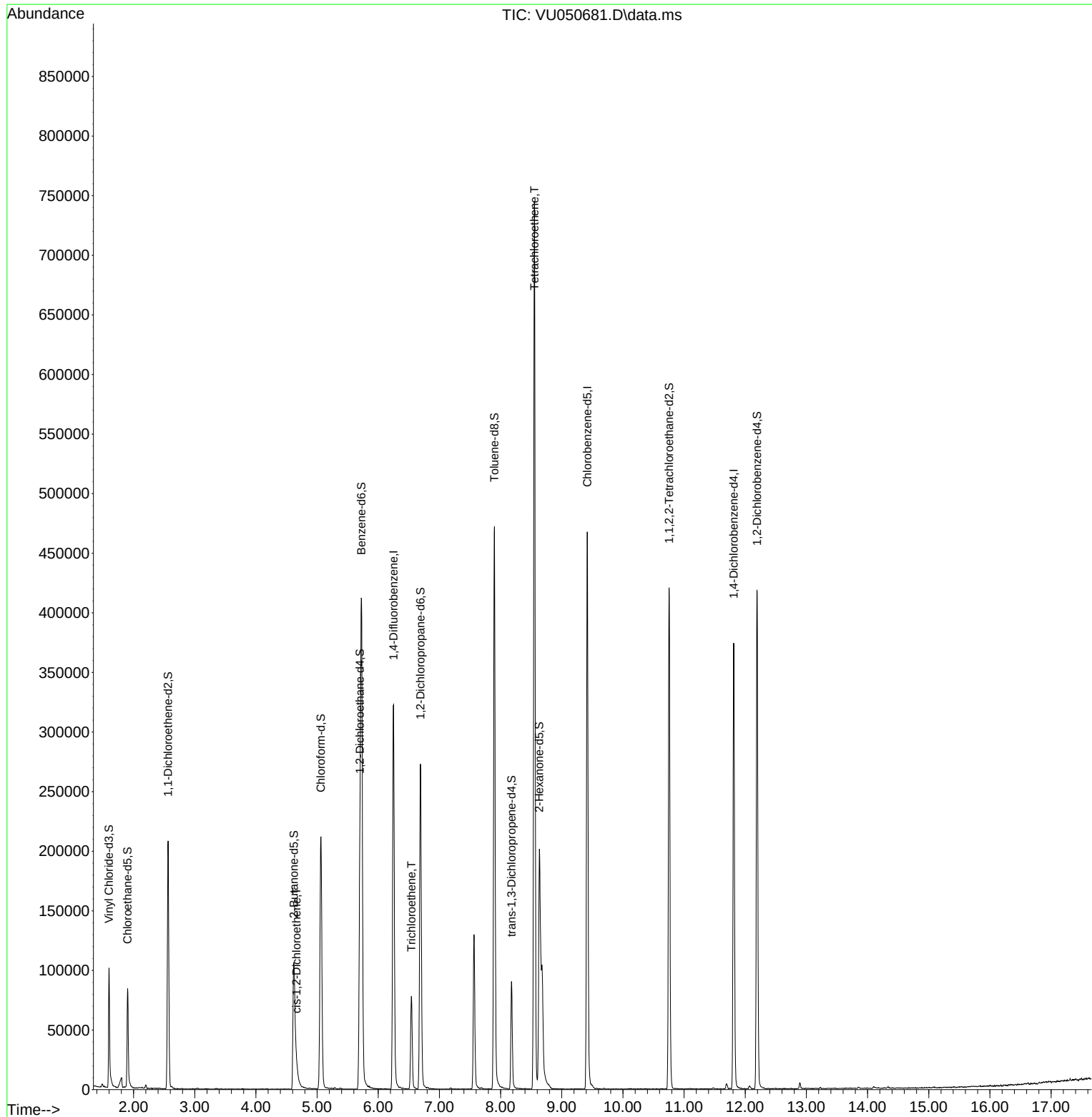
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.250   | 114   | 273172   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417   | 117   | 278395   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812  | 152   | 105188   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597   | 65    | 82575    | 35.342   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 70.680%  |
| 7) Chloroethane-d5            | 1.903   | 69    | 67372    | 42.640   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 85.280%  |
| 11) 1,1-Dichloroethene-d2     | 2.565   | 63    | 123276   | 29.857   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 59.720%# |
| 21) 2-Butanone-d5             | 4.620   | 46    | 153157   | 89.595   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 89.600%  |
| 24) Chloroform-d              | 5.063   | 84    | 205633   | 46.437   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 92.880%  |
| 26) 1,2-Dichloroethane-d4     | 5.700   | 65    | 137405   | 50.778   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 101.560% |
| 32) Benzene-d6                | 5.726   | 84    | 392937   | 42.710   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 85.420%  |
| 36) 1,2-Dichloropropane-d6    | 6.690   | 67    | 137783   | 45.615   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 91.240%  |
| 41) Toluene-d8                | 7.899   | 98    | 324399   | 41.233   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 82.460%  |
| 43) trans-1,3-Dichloroprop... | 8.179   | 79    | 53782    | 43.033   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 86.060%  |
| 47) 2-Hexanone-d5             | 8.632   | 63    | 58180    | 76.574   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 76.570%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.754  | 84    | 218273   | 47.752   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 95.500%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.192  | 152   | 115811   | 47.032   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 94.060%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 20) cis-1,2-Dichloroethene    | 4.665   | 96    | 3965     | 1.598    | ug/L   | 77       |
| 34) Trichloroethene           | 6.542   | 95    | 27356    | 11.588   | ug/L   | 98       |
| 46) Tetrachloroethene         | 8.552   | 164   | 165225   | 95.823   | ug/L   | 98       |
| -----                         |         |       |          |          |        |          |

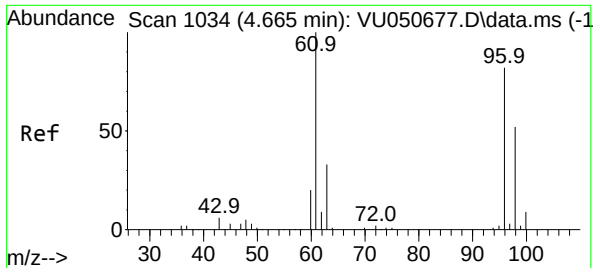
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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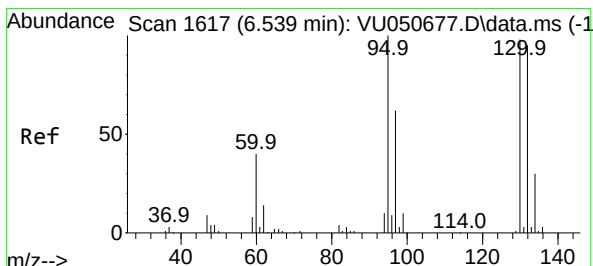
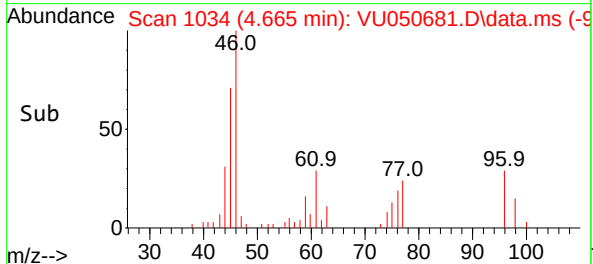
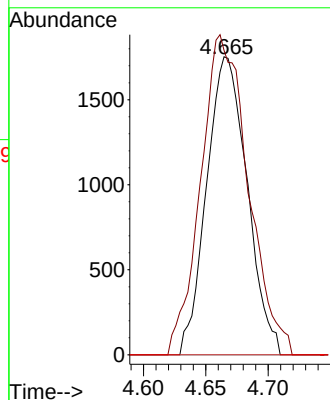
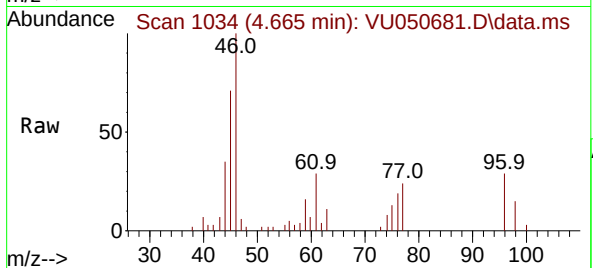




#20  
cis-1,2-Dichloroethene  
Concen: 1.598 ug/L  
RT: 4.665 min Scan# 1034  
Delta R.T. -0.000 min  
Lab File: VU050681.D  
Acq: 08 Sep 2022 13:01

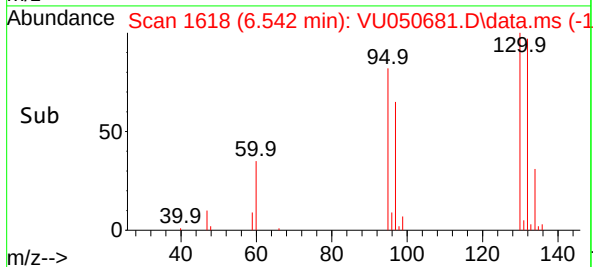
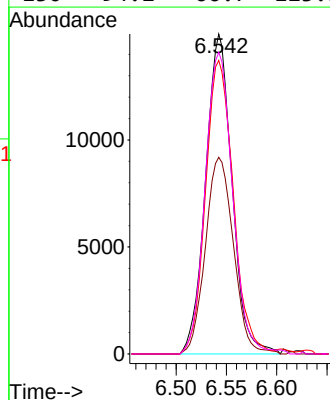
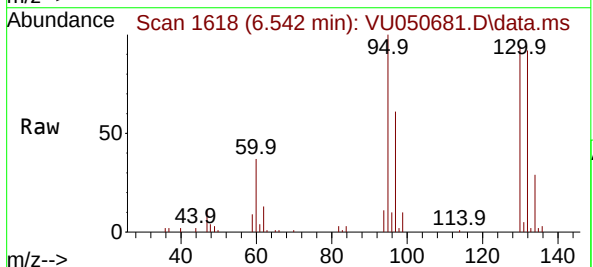
Instrument :  
MSVOA\_U  
ClientSampleId :  
DBVE1

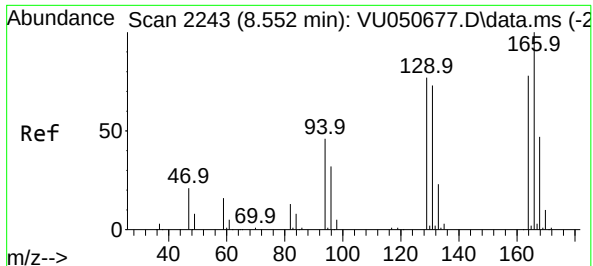
Tgt Ion: 96 Resp: 3965  
Ion Ratio Lower Upper  
96 100  
61 102.2 89.8 166.8  
68 0.0 0.0 0.0



#34  
Trichloroethene  
Concen: 11.588 ug/L  
RT: 6.542 min Scan# 1618  
Delta R.T. 0.003 min  
Lab File: VU050681.D  
Acq: 08 Sep 2022 13:01

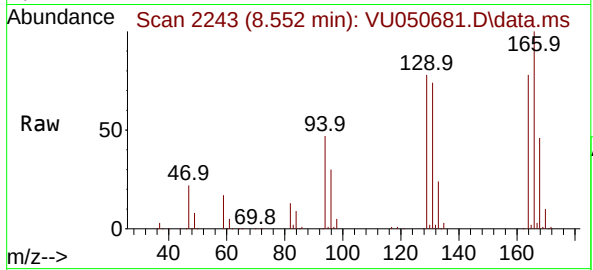
Tgt Ion: 95 Resp: 27356  
Ion Ratio Lower Upper  
95 100  
97 61.5 45.4 84.2  
132 91.7 65.2 121.2  
130 94.2 66.7 123.9





#46  
Tetrachloroethene  
Concen: 95.823 ug/L  
RT: 8.552 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU050681.D  
Acq: 08 Sep 2022 13:01

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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 164   | Resp: | 165225 |
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 129      | 99.7  | 68.7  | 127.5  |
| 131      | 95.4  | 66.2  | 123.0  |
| 166      | 128.1 | 87.7  | 162.9  |

