

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU102023\  
 Data File : VU055838.D  
 Acq On : 20 Oct 2023 17:28  
 Operator : MD/SY  
 Sample : 04961-02ME  
 Misc : 5.45g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 E0LH9ME

Quant Time: Oct 23 01:09:10 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM101023WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Oct 23 01:04:15 2023  
 Response via : Initial Calibration

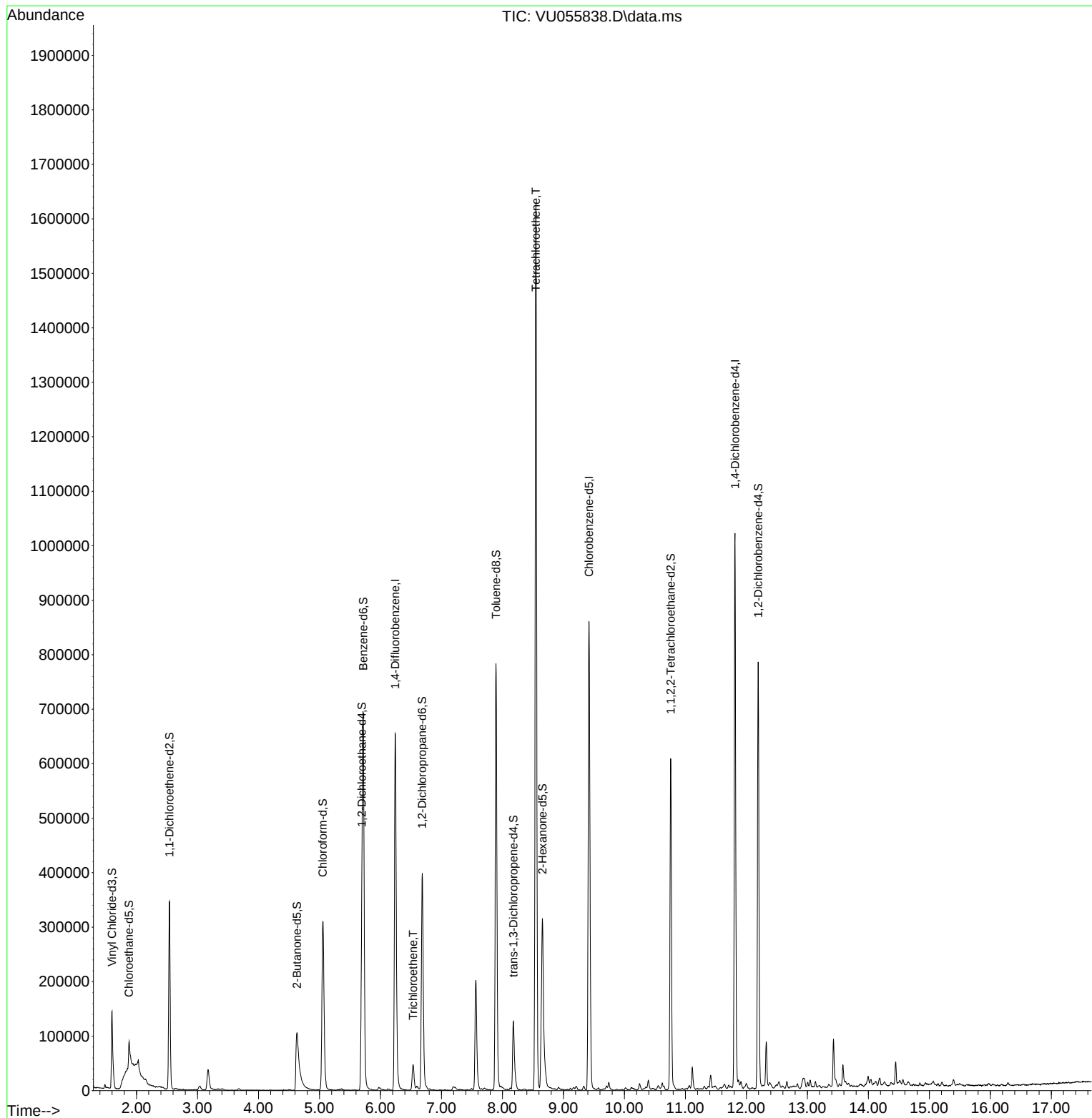
| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.242          | 114  | 591132     | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.418          | 117  | 582237     | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.814         | 152  | 265480     | 50.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.599          | 65   | 143647     | 27.092   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 54.180%# |       |          |
| 7) Chloroethane-d5            | 1.878          | 69   | 55608      | 12.830   | ug/L  | -0.03    |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 25.660%# |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.541          | 63   | 212219     | 22.447   | ug/L  | -0.03    |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 44.900%# |       |          |
| 21) 2-Butanone-d5             | 4.631          | 46   | 237895     | 60.551   | ug/L  | 0.02     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 60.550%  |       |          |
| 24) Chloroform-d              | 5.055          | 84   | 323179     | 31.794   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 63.580%# |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.695          | 65   | 216055     | 34.532   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 69.060%# |       |          |
| 32) Benzene-d6                | 5.717          | 84   | 637216     | 34.206   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 68.420%# |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.685          | 67   | 208955     | 35.431   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 70.860%  |       |          |
| 41) Toluene-d8                | 7.894          | 98   | 564310     | 33.547   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 67.100%# |       |          |
| 43) trans-1,3-Dichloroprop... | 8.180          | 79   | 92338      | 32.594   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 65.180%  |       |          |
| 47) 2-Hexanone-d5             | 8.656          | 63   | 133659     | 57.650   | ug/L  | 0.03     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 57.650%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.759         | 84   | 309354     | 34.078   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 68.160%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.193         | 152  | 202247     | 38.389   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 76.780%# |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 34) Trichloroethene           | 6.537          | 95   | 13001      | 2.582    | ug/L  | 98       |
| 46) Tetrachloroethene         | 8.550          | 164  | 360746     | 100.052  | ug/L  | 97       |
| -----                         |                |      |            |          |       |          |

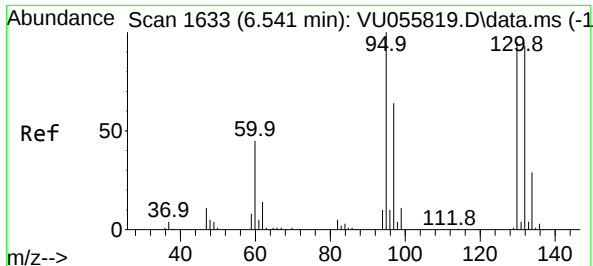
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 2.582 ug/L

RT: 6.537 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU055838.D

Acq: 20 Oct 2023 17:28

Instrument :

MSVOA\_U

ClientSampleId :

E0LH9ME

Tgt Ion: 95 Resp: 13001

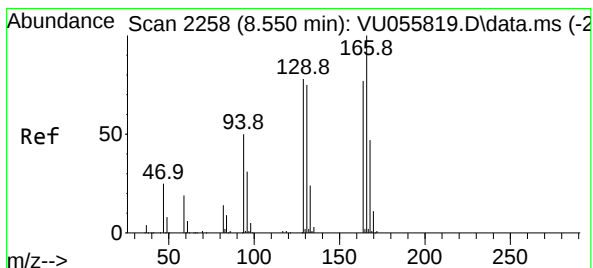
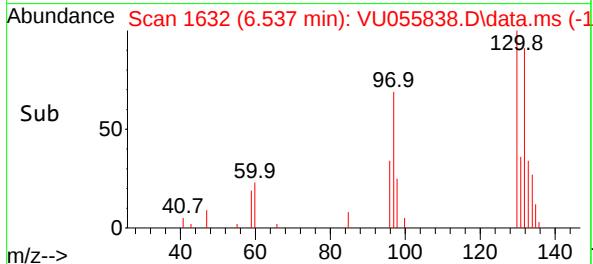
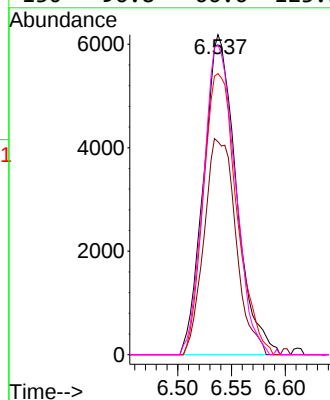
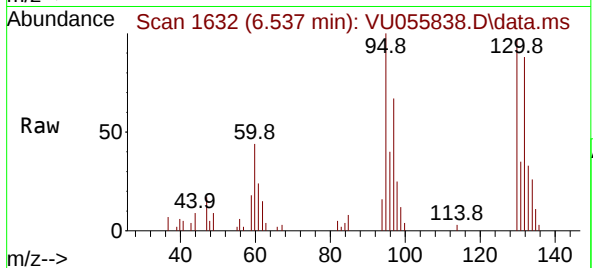
Ion Ratio Lower Upper

95 100

97 66.5 44.4 82.5

132 87.9 61.8 114.8

130 96.8 66.6 123.8



#46

Tetrachloroethene

Concen: 100.052 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.000 min

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Acq: 20 Oct 2023 17:28

Tgt Ion:164 Resp: 360746

Ion Ratio Lower Upper

164 100

129 102.6 70.7 131.3

131 98.8 65.9 122.5

166 128.3 87.8 163.0

