

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU071724\  
 Data File : VU059996.D  
 Acq On : 17 Jul 2024 15:42  
 Operator : MD/SY  
 Sample : P3260-07  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 E08F9

Quant Time: Jul 18 02:49:19 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM070224WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jul 18 02:31:59 2024  
 Response via : Initial Calibration

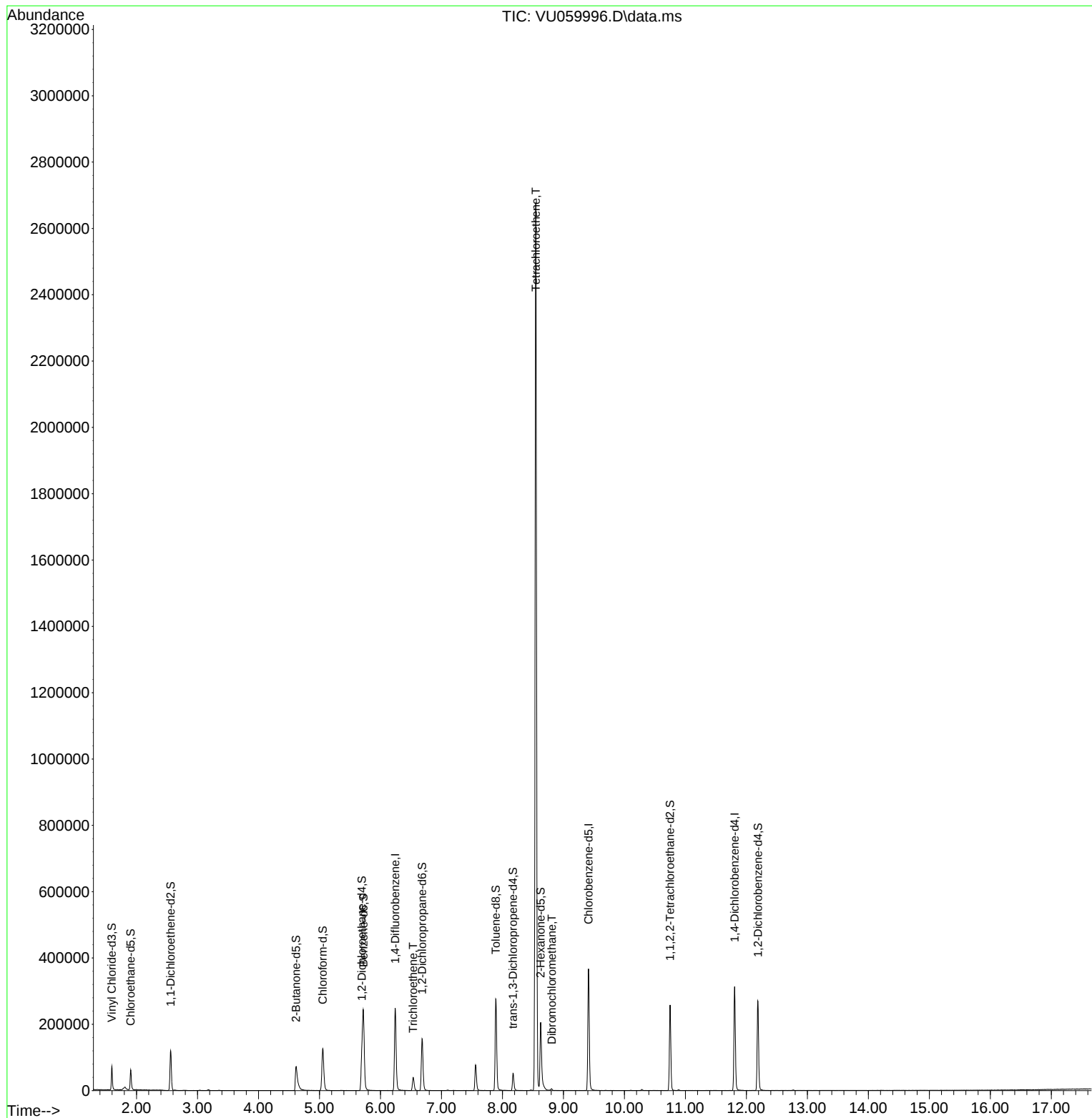
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242   | 114   | 211169   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412   | 117   | 221049   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807  | 152   | 93584    | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.596   | 65    | 53287    | 39.302   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 78.600%  |
| 7) Chloroethane-d5            | 1.904   | 69    | 48341    | 42.388   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 84.780%  |
| 11) 1,1-Dichloroethene-d2     | 2.560   | 63    | 70087    | 29.097   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 58.200%# |
| 21) 2-Butanone-d5             | 4.615   | 46    | 105980   | 112.474  | ug/L   | -0.01    |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 112.470% |
| 24) Chloroform-d              | 5.055   | 84    | 123678   | 47.104   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 94.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.695   | 65    | 75242    | 48.196   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 96.400%  |
| 32) Benzene-d6                | 5.721   | 84    | 238843   | 42.195   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 84.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.682   | 67    | 80641    | 46.031   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 92.060%  |
| 41) Toluene-d8                | 7.891   | 98    | 197163   | 36.628   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 73.260%# |
| 43) trans-1,3-Dichloroprop... | 8.174   | 79    | 32254    | 39.345   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 78.680%  |
| 47) 2-Hexanone-d5             | 8.627   | 63    | 73863    | 100.042  | ug/L   | -0.01    |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 100.040% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750  | 84    | 135396   | 50.353   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 100.700% |
| 66) 1,2-Dichlorobenzene-d4    | 12.190  | 152   | 80624    | 46.883   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 93.760%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 34) Trichloroethene           | 6.537   | 95    | 14607    | 9.170    | ug/L   | 94       |
| 46) Tetrachloroethene         | 8.547   | 164   | 624628   | 476.662  | ug/L   | 98       |
| 49) Dibromochloromethane      | 8.807   | 129   | 2899     | 1.710    | ug/L   | 100      |
| -----                         |         |       |          |          |        |          |

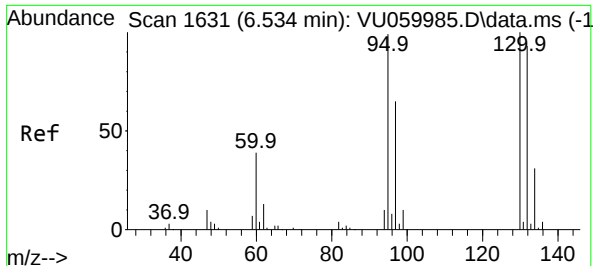
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU071724\  
Data File : VU059996.D  
Acq On : 17 Jul 2024 15:42  
Operator : MD/SY  
Sample : P3260-07  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
E08F9

Quant Time: Jul 18 02:49:19 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM070224WMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu Jul 18 02:31:59 2024  
Response via : Initial Calibration





#34

Trichloroethene

Concen: 9.170 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU059996.D

Acq: 17 Jul 2024 15:42

Instrument :

MSVOA\_U

ClientSampleId :

E08F9

Tgt Ion: 95 Resp: 14607

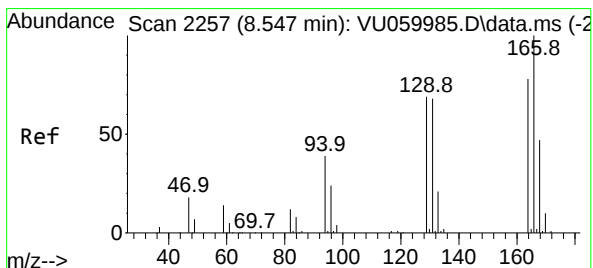
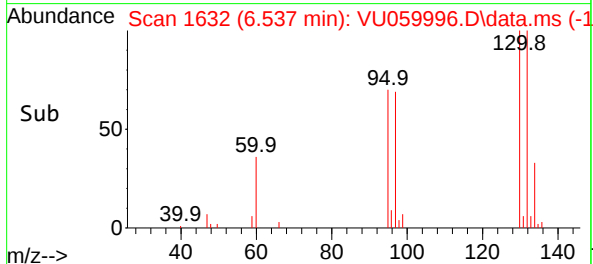
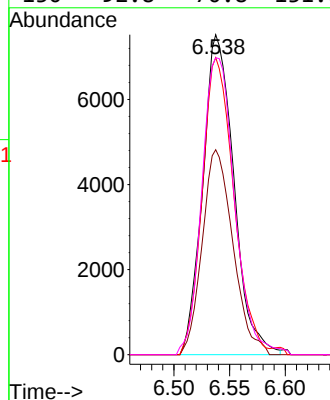
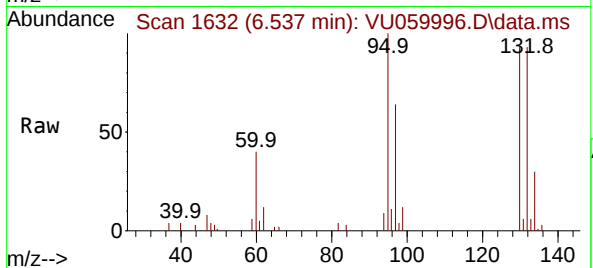
Ion Ratio Lower Upper

95 100

97 64.1 45.8 85.2

132 92.8 69.8 129.6

130 92.8 70.8 131.6



#46

Tetrachloroethene

Concen: 476.662 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU059996.D

Acq: 17 Jul 2024 15:42

Tgt Ion:164 Resp: 624628

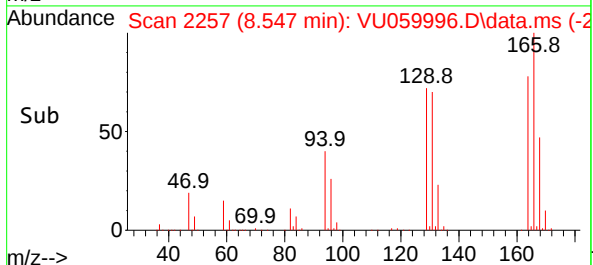
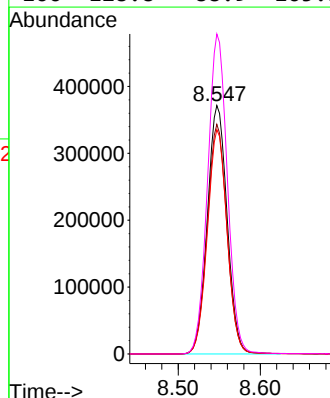
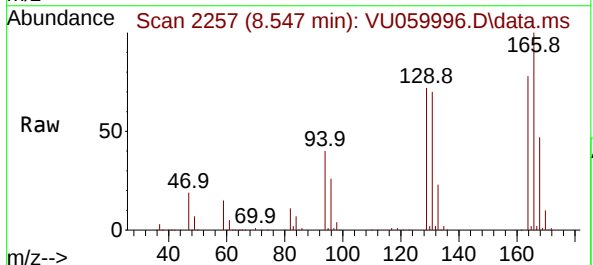
Ion Ratio Lower Upper

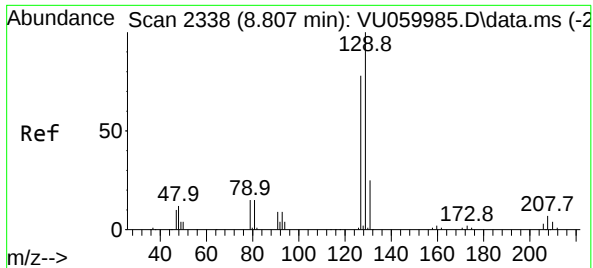
164 100

129 92.4 62.7 116.5

131 90.3 62.3 115.7

166 128.8 88.9 165.1





#49  
 Dibromochloromethane  
 Concen: 1.710 ug/L  
 RT: 8.807 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VU059996.D  
 Acq: 17 Jul 2024 15:42

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 E08F9

Tgt Ion:129 Resp: 2899  
 Ion Ratio Lower Upper  
 129 100  
 127 77.0 54.0 100.2

