

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU071724\  
 Data File : VU059998.D  
 Acq On : 17 Jul 2024 16:29  
 Operator : MD/SY  
 Sample : P3260-12  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Jul 18 02:49:48 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

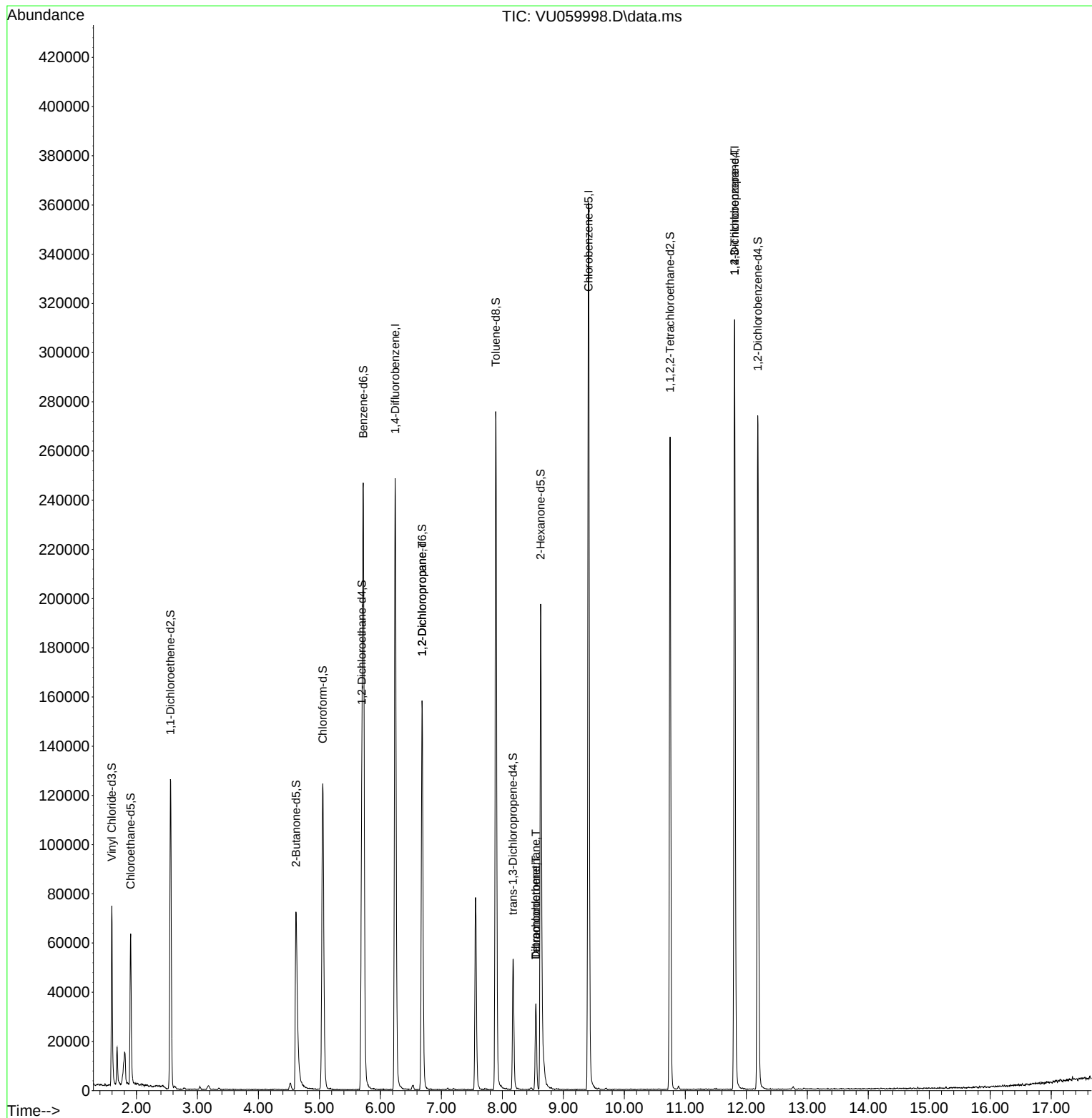
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242          | 114  | 214505     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412          | 117  | 219083     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807         | 152  | 91145      | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.596          | 65   | 56494      | 41.019   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 82.040%  |        |          |
| 7) Chloroethane-d5            | 1.904          | 69   | 51461      | 44.422   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 88.840%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.557          | 63   | 74183      | 30.318   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 60.640%  |        |          |
| 21) 2-Butanone-d5             | 4.615          | 46   | 106748     | 111.527  | ug/L   | -0.01    |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 111.530% |        |          |
| 24) Chloroform-d              | 5.052          | 84   | 121344     | 45.496   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 91.000%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.695          | 65   | 75641      | 47.698   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 95.400%  |        |          |
| 32) Benzene-d6                | 5.718          | 84   | 236812     | 42.212   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 84.420%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.682          | 67   | 80549      | 46.391   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 92.780%  |        |          |
| 41) Toluene-d8                | 7.891          | 98   | 197821     | 37.080   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 74.160%# |        |          |
| 43) trans-1,3-Dichloroprop... | 8.174          | 79   | 31739      | 39.064   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 78.120%  |        |          |
| 47) 2-Hexanone-d5             | 8.627          | 63   | 67752      | 92.589   | ug/L   | -0.01    |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 92.590%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750         | 84   | 136969     | 51.395   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 102.800% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.187         | 152  | 79683      | 47.575   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 95.160%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 37) 1,2-Dichloropropane       | 6.682          | 63   | 8061       | 4.950    | ug/L # | 88       |
| 46) Tetrachloroethene         | 8.547          | 164  | 8620       | 6.637    | ug/L   | 96       |
| 49) Dibromochloromethane      | 8.550          | 129  | 7873       | 4.685    | ug/L # | 11       |
| 60) 1,2,3-Trichloropropane    | 11.807         | 75   | 9983       | 5.771    | ug/L # | 66       |
| -----                         |                |      |            |          |        |          |

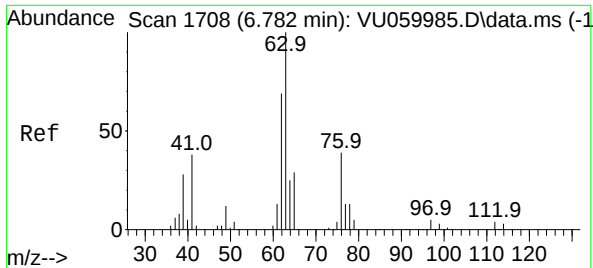
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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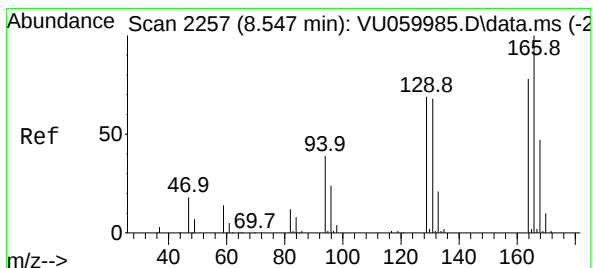
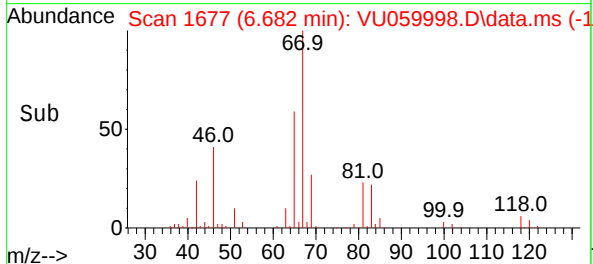
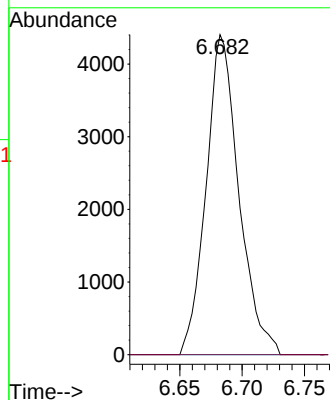
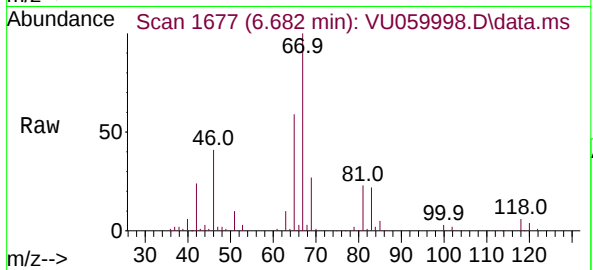




#37  
1,2-Dichloropropane  
Concen: 4.950 ug/L  
RT: 6.682 min Scan# 1  
Delta R.T. -0.100 min  
Lab File: VU059998.D  
Acq: 17 Jul 2024 16:29

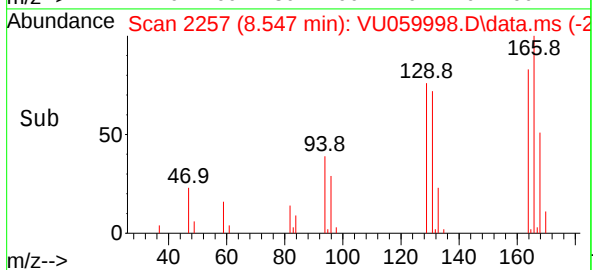
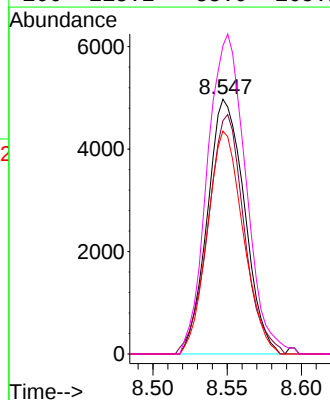
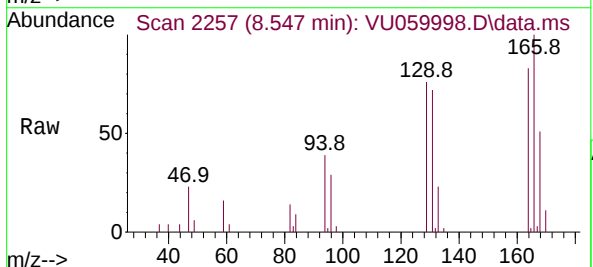
Instrument :  
MSVOA\_U  
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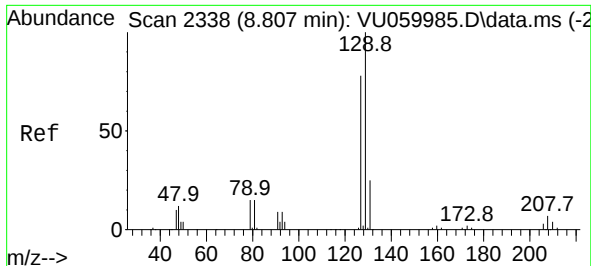
Tgt Ion: 63 Resp: 8061  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.0 4.6#



#46  
Tetrachloroethene  
Concen: 6.637 ug/L  
RT: 8.547 min Scan# 2257  
Delta R.T. 0.000 min  
Lab File: VU059998.D  
Acq: 17 Jul 2024 16:29

Tgt Ion: 164 Resp: 8620  
Ion Ratio Lower Upper  
164 100  
129 89.5 62.7 116.5  
131 85.5 62.3 115.7  
166 118.2 88.9 165.1





#49

Dibromochloromethane

Concen: 4.685 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU059998.D

Acq: 17 Jul 2024 16:29

Instrument :

MSVOA\_U

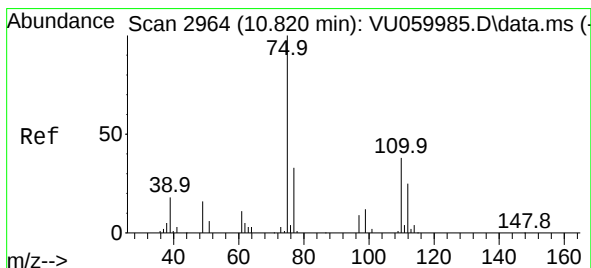
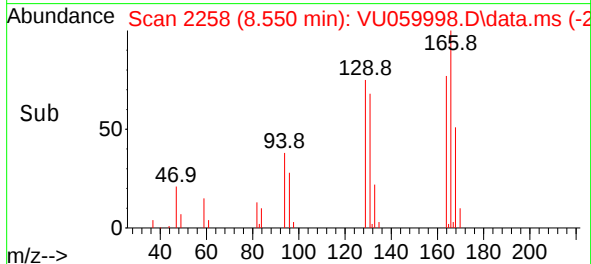
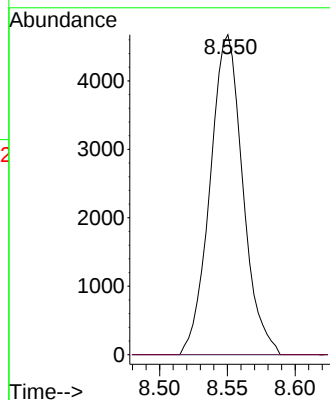
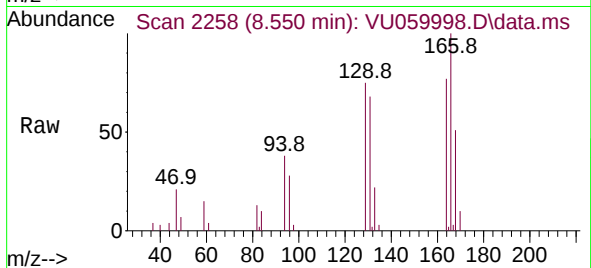
ClientSampleId :

Tgt Ion:129 Resp: 7873

Ion Ratio Lower Upper

129 100

127 0.0 54.0 100.2#



#60

1,2,3-Trichloropropane

Concen: 5.771 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.987 min

Lab File: VU059998.D

Acq: 17 Jul 2024 16:29

Tgt Ion: 75 Resp: 9983

Ion Ratio Lower Upper

75 100

77 31.5 25.5 38.3

110 1.6 30.7 46.1#

