

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU012723\  
 Data File : VU052855.D  
 Acq On : 27 Jan 2023 18:29  
 Operator : JC/MD  
 Sample : 01314-15  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 A44P0

Quant Time: Jan 27 22:25:20 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM012623WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jan 27 22:20:01 2023  
 Response via : Initial Calibration

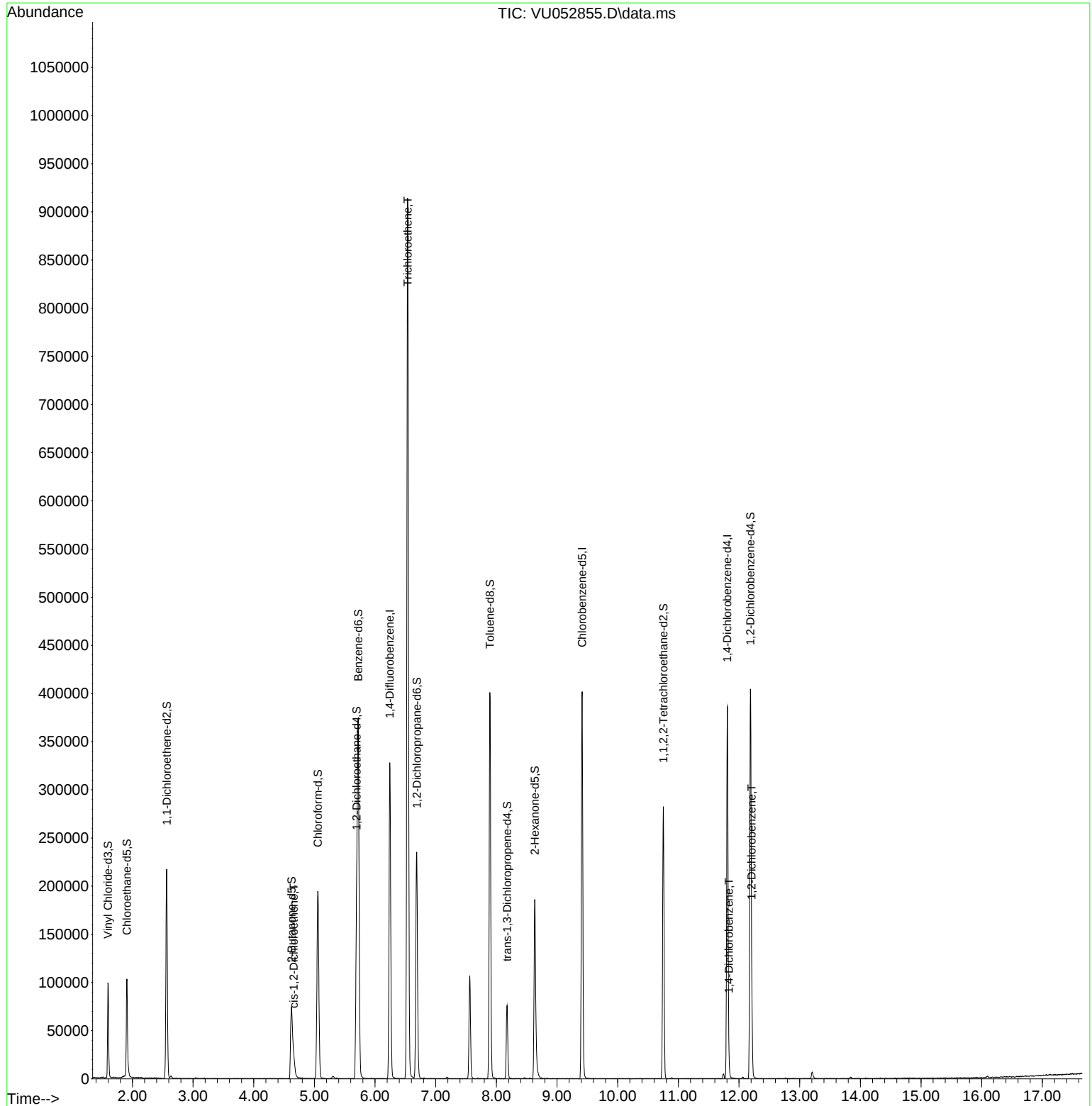
| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.243          | 114  | 265245     | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.414          | 117  | 231702     | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.806         | 152  | 108287     | 50.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.597          | 65   | 74056      | 38.791   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 77.580%  |       |          |
| 7) Chloroethane-d5            | 1.909          | 69   | 75382      | 47.920   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 95.840%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.565          | 63   | 131413     | 34.608   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 69.220%  |       |          |
| 21) 2-Butanone-d5             | 4.623          | 46   | 114318     | 96.932   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 96.930%  |       |          |
| 24) Chloroform-d              | 5.057          | 84   | 184803     | 45.357   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 90.720%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.697          | 65   | 122347     | 47.028   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 94.060%  |       |          |
| 32) Benzene-d6                | 5.723          | 84   | 352801     | 49.838   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 99.680%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.687          | 67   | 109082     | 52.541   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 105.080% |       |          |
| 41) Toluene-d8                | 7.893          | 98   | 270095     | 41.901   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 83.800%  |       |          |
| 43) trans-1,3-Dichloroprop... | 8.176          | 79   | 43904      | 42.192   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 84.380%  |       |          |
| 47) 2-Hexanone-d5             | 8.632          | 63   | 62480      | 85.649   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 85.650%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751         | 84   | 130245     | 42.461   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 84.920%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.189         | 152  | 107076     | 50.925   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 101.840% |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 20) cis-1,2-Dichloroethene    | 4.658          | 96   | 7107       | 3.139    | ug/L  | 97       |
| 34) Trichloroethene           | 6.536          | 95   | 312577     | 155.923  | ug/L  | 99       |
| 65) 1,4-Dichlorobenzene       | 11.832         | 146  | 5738       | 1.571    | ug/L  | 98       |
| 67) 1,2-Dichlorobenzene       | 12.208         | 146  | 31410      | 8.801    | ug/L  | 98       |
| -----                         |                |      |            |          |       |          |

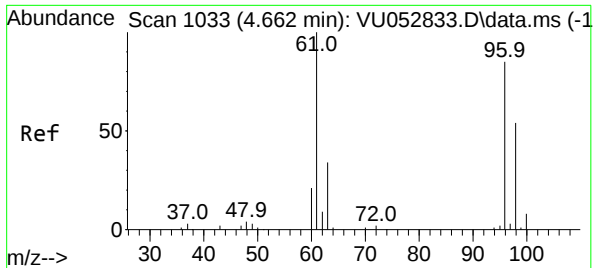
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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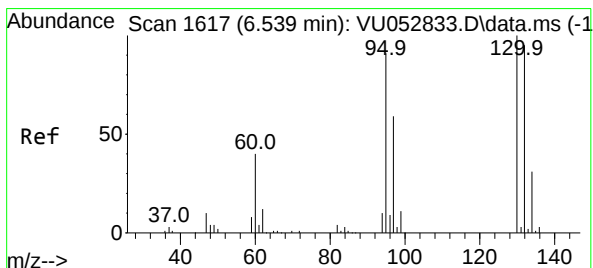
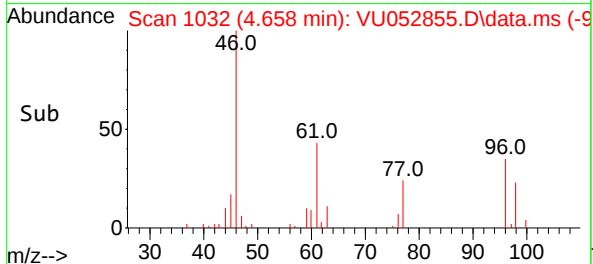
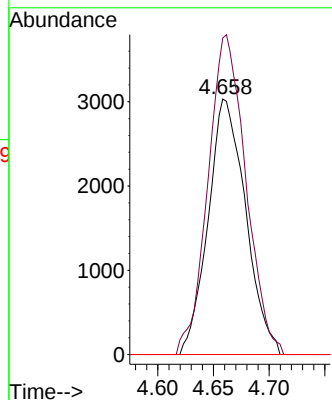
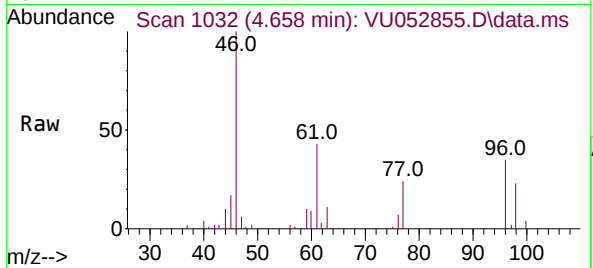




#20  
cis-1,2-Dichloroethene  
Concen: 3.139 ug/L  
RT: 4.658 min Scan# 1032  
Delta R.T. -0.003 min  
Lab File: VU052855.D  
Acq: 27 Jan 2023 18:29

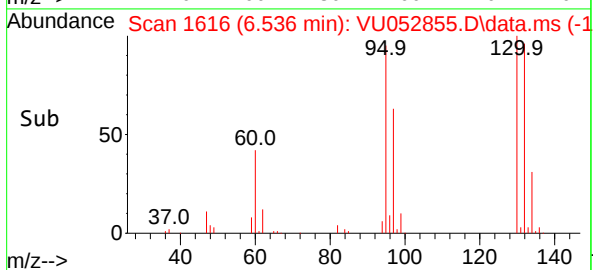
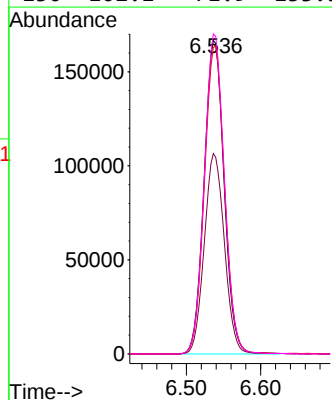
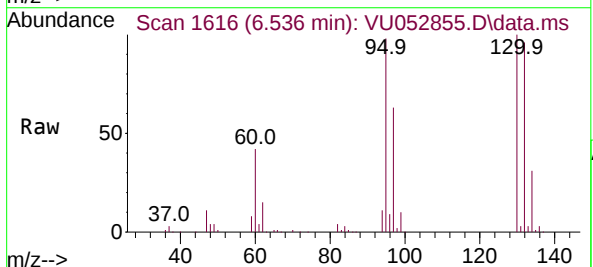
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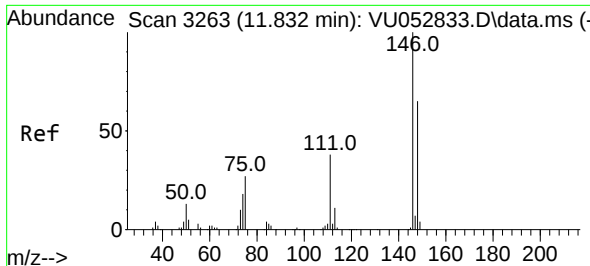
Tgt Ion: 96 Resp: 7107  
Ion Ratio Lower Upper  
96 100  
61 123.9 84.1 156.1  
68 0.0 0.0 0.0



#34  
Trichloroethene  
Concen: 155.923 ug/L  
RT: 6.536 min Scan# 1616  
Delta R.T. -0.003 min  
Lab File: VU052855.D  
Acq: 27 Jan 2023 18:29

Tgt Ion: 95 Resp: 312577  
Ion Ratio Lower Upper  
95 100  
97 63.9 44.5 82.7  
132 97.8 66.8 124.0  
130 102.1 71.9 133.5

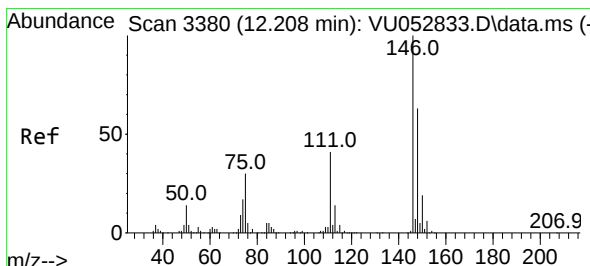
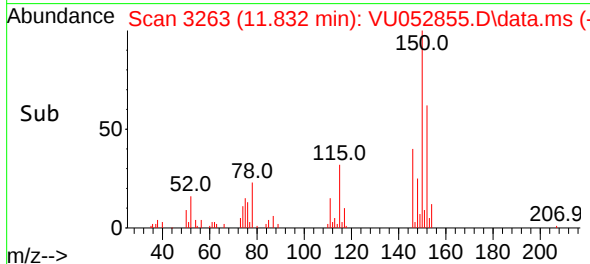
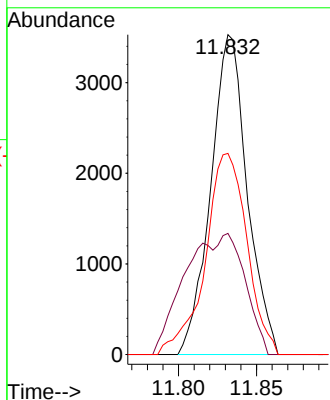
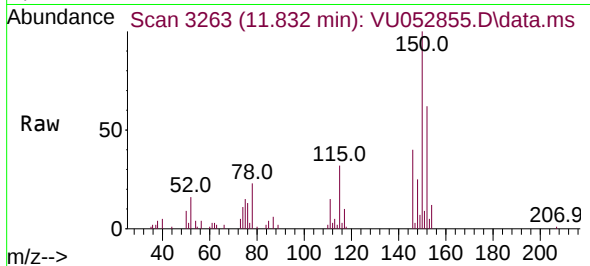




#65  
1,4-Dichlorobenzene  
Concen: 1.571 ug/L  
RT: 11.832 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VU052855.D  
Acq: 27 Jan 2023 18:29

Instrument :  
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Tgt Ion:146 Resp: 5738  
Ion Ratio Lower Upper  
146 100  
111 37.9 26.7 49.7  
148 62.9 45.6 84.6



#67  
1,2-Dichlorobenzene  
Concen: 8.801 ug/L  
RT: 12.208 min Scan# 3380  
Delta R.T. -0.000 min  
Lab File: VU052855.D  
Acq: 27 Jan 2023 18:29

Tgt Ion:146 Resp: 31410  
Ion Ratio Lower Upper  
146 100  
111 42.6 33.2 49.8  
148 64.9 50.2 75.4

