

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU112425\  
 Data File : VU063776.D  
 Acq On : 24 Nov 2025 14:33  
 Operator : MD/SY  
 Sample : VU1124WBL01  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK132

Quant Time: Nov 25 00:23:41 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM111725WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Nov 25 00:22:49 2025  
 Response via : Initial Calibration

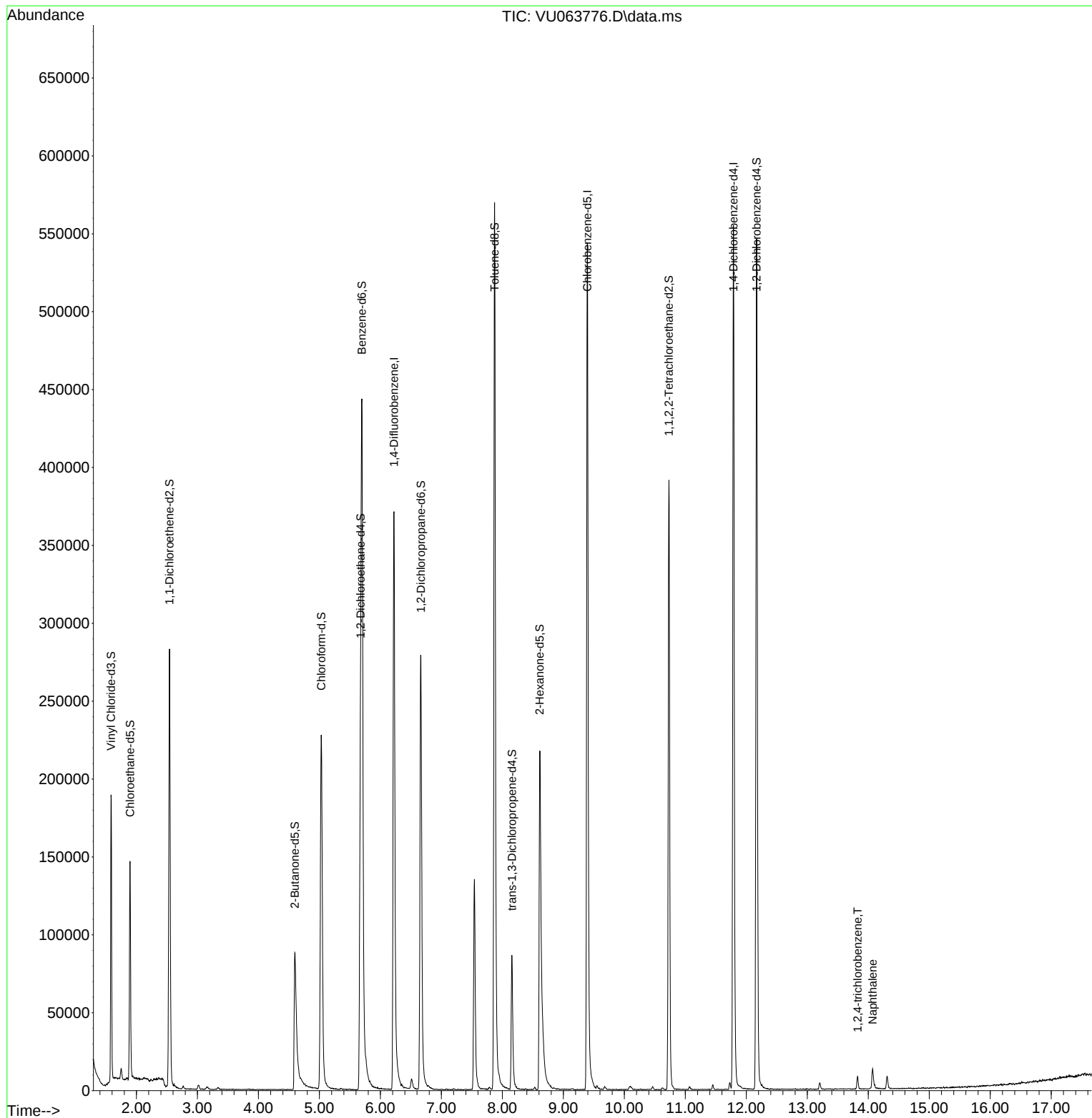
| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 6.222          | 114  | 326545     | 50.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.393          | 117  | 311598     | 50.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.788         | 152  | 153339     | 50.000  | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 1.583          | 65   | 120437     | 42.711  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 85.420% |        |          |
| 7) Chloroethane-d5            | 1.895          | 69   | 98479      | 45.331  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 90.660% |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.541          | 63   | 169667     | 34.712  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 69.420% |        |          |
| 21) 2-Butanone-d5             | 4.595          | 46   | 138927     | 86.420  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 86.420% |        |          |
| 24) Chloroform-d              | 5.030          | 84   | 219519     | 46.398  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 92.800% |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.673          | 65   | 151301     | 48.633  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 97.260% |        |          |
| 32) Benzene-d6                | 5.695          | 84   | 436142     | 47.752  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 95.500% |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.663          | 67   | 132505     | 49.418  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 98.840% |        |          |
| 41) Toluene-d8                | 7.872          | 98   | 401140     | 46.257  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 92.520% |        |          |
| 43) trans-1,3-Dichloroprop... | 8.155          | 79   | 50072      | 45.190  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 90.380% |        |          |
| 47) 2-Hexanone-d5             | 8.611          | 63   | 86115      | 88.334  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 88.330% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.730         | 84   | 189650     | 48.366  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 96.740% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.168         | 152  | 143294     | 49.503  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 99.000% |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         |        | Qvalue   |
| 70) 1,2,4-trichlorobenzene    | 13.823         | 180  | 3070       | 1.050   | ug/L # | 87       |
| 71) Naphthalene               | 14.071         | 128  | 14288      | 1.837   | ug/L # | 86       |
| -----                         |                |      |            |         |        |          |

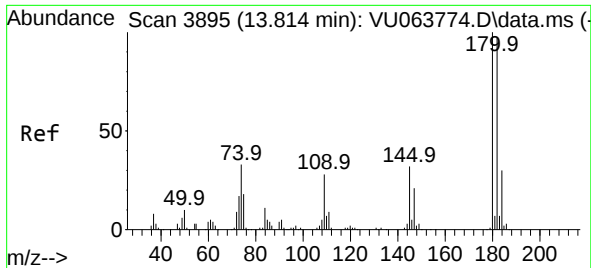
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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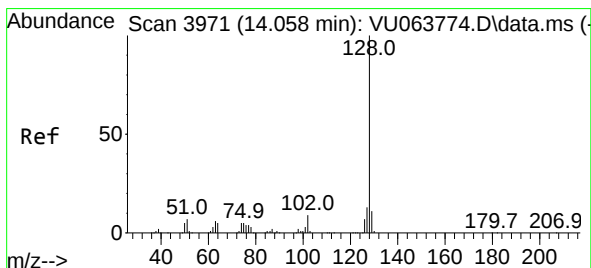
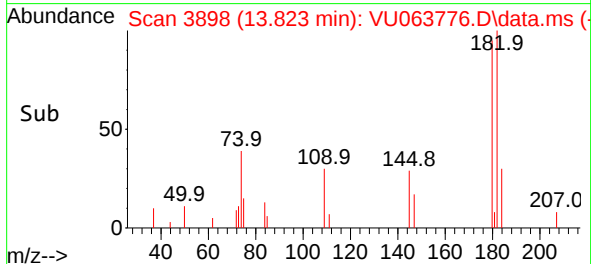
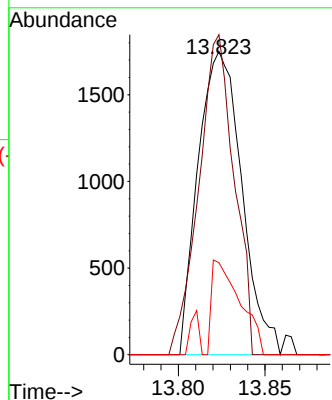
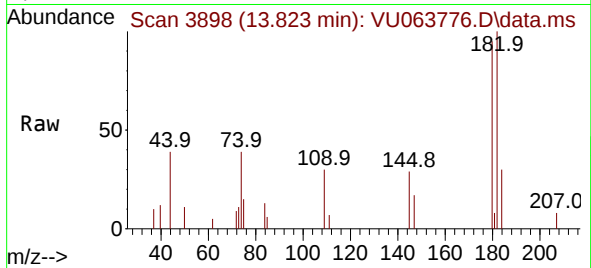




#70  
1,2,4-trichlorobenzene  
Concen: 1.050 ug/L  
RT: 13.823 min Scan# 3898  
Delta R.T. 0.010 min  
Lab File: VU063776.D  
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Tgt Ion:180 Resp: 3070  
Ion Ratio Lower Upper  
180 100  
182 85.2 75.8 113.8  
145 20.4 25.7 38.5#



#71  
Naphthalene  
Concen: 1.837 ug/L  
RT: 14.071 min Scan# 3975  
Delta R.T. 0.013 min  
Lab File: VU063776.D  
Acq: 24 Nov 2025 14:33

Tgt Ion:128 Resp: 14288  
Ion Ratio Lower Upper  
128 100  
127 7.0 10.3 15.5#  
129 6.1 8.7 13.1#

