

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU012425\  
 Data File : VU062989.D  
 Acq On : 24 Jan 2025 13:35  
 Operator : MD/SY  
 Sample : VIBLK  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Jan 24 19:04:35 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR010225WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Jan 24 19:02:27 2025  
 Response via : Initial Calibration

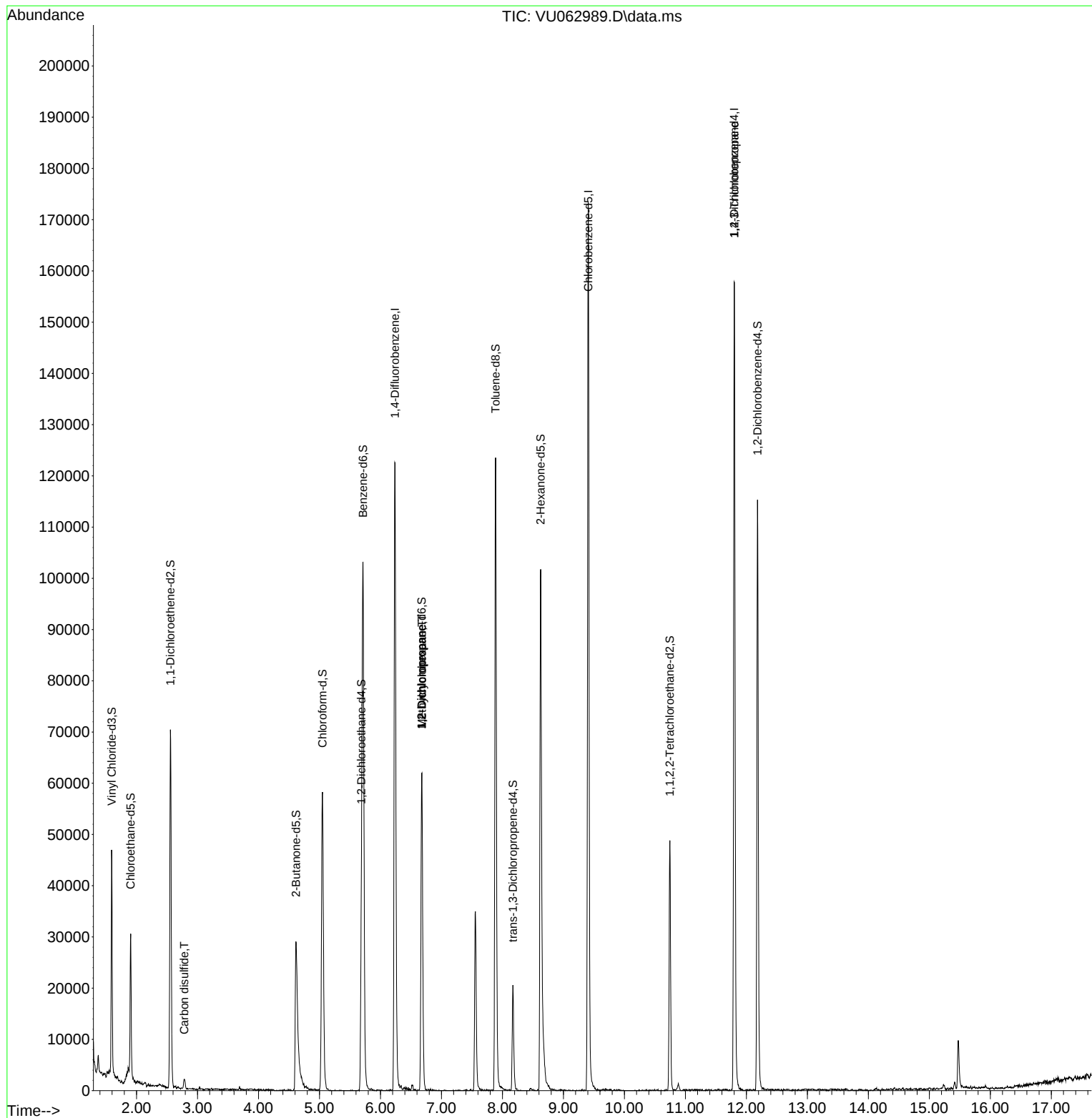
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.235  | 114            | 101927   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.409  | 117            | 97346    | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.801 | 152            | 44177    | 5.000  | ug/L     | 0.00     |
|                               |        |                |          |        |          |          |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.592  | 65             | 30842    | 5.463  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 109.200% |          |
| 7) Chloroethane-d5            | 1.904  | 69             | 18359    | 4.043  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 80.800%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.557  | 65             | 13551    | 4.634  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 92.600%  |          |
| 20) 2-Butanone-d5             | 4.615  | 46             | 49556    | 42.952 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 85.900%  |          |
| 24) Chloroform-d              | 5.049  | 84             | 58507    | 4.212  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 84.200%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.689  | 65             | 30513    | 4.050  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 81.000%  |          |
| 32) Benzene-d6                | 5.714  | 84             | 97639    | 4.103  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 82.000%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.676  | 67             | 28277    | 4.286  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 85.800%  |          |
| 41) Toluene-d8                | 7.888  | 98             | 86043    | 3.711  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 74.200%  |          |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79             | 12926    | 3.930  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 78.600%  |          |
| 46) 2-Hexanone-d5             | 8.627  | 63             | 35624    | 34.441 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 68.880%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84             | 23383    | 4.232  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 84.600%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.184 | 152            | 30338    | 4.128  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 82.600%  |          |
|                               |        |                |          |        |          |          |
| Target Compounds              |        |                |          |        |          |          |
| 14) Carbon disulfide          | 2.782  | 76             | 2635     | 0.130  | ug/L     | 98       |
| 35) Methylcyclohexane         | 6.679  | 83             | 7744     | 0.659  | ug/L #   | 21       |
| 37) 1,2-Dichloropropane       | 6.679  | 63             | 3658     | 0.554  | ug/L #   | 85       |
| 61) 1,2,3-Trichloropropane    | 11.804 | 75             | 5047     | 1.288  | ug/L #   | 60       |
| -----                         |        |                |          |        |          |          |

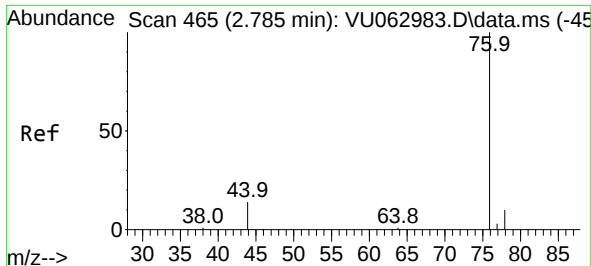
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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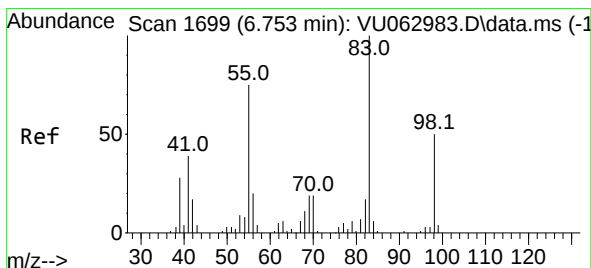
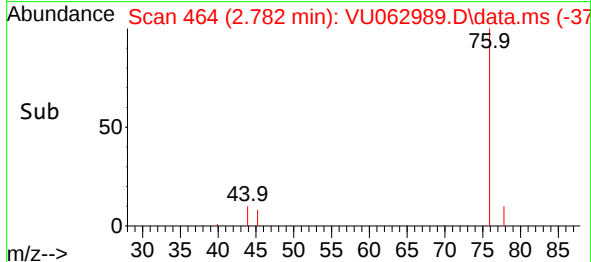
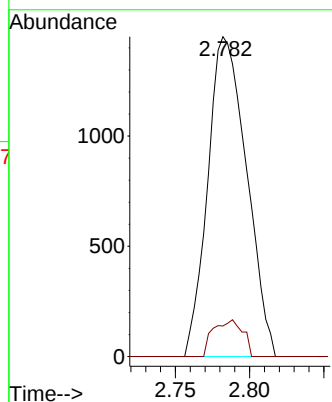
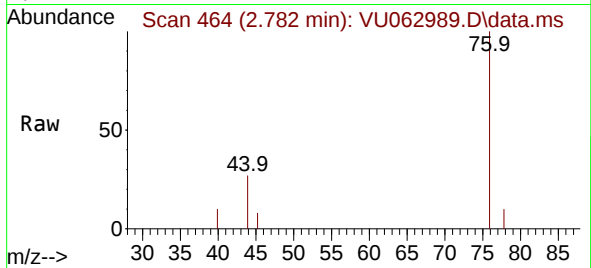




#14  
Carbon disulfide  
Concen: 0.130 ug/L  
RT: 2.782 min Scan# 41  
Delta R.T. -0.003 min  
Lab File: VU062989.D  
Acq: 24 Jan 2025 13:35

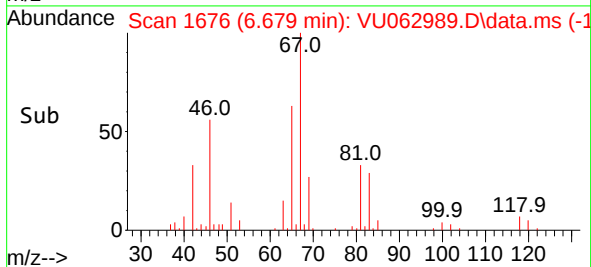
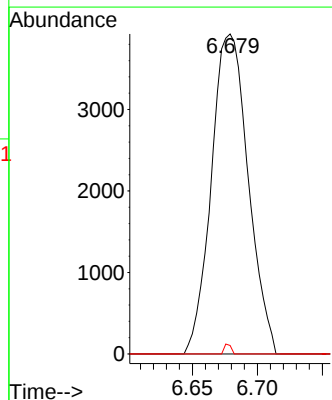
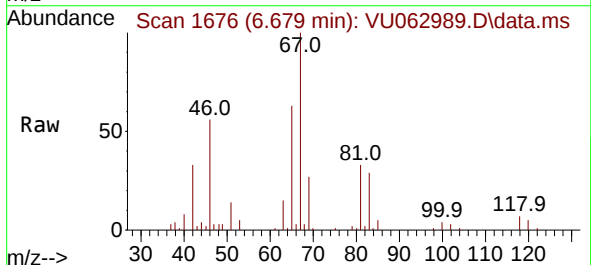
Instrument :  
MSVOA\_U  
ClientSampleId :

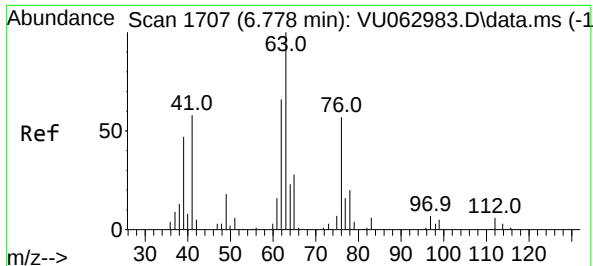
Tgt Ion: 76 Resp: 2635  
Ion Ratio Lower Upper  
76 100  
78 9.6 7.0 10.6



#35  
Methylcyclohexane  
Concen: 0.659 ug/L  
RT: 6.679 min Scan# 1676  
Delta R.T. -0.074 min  
Lab File: VU062989.D  
Acq: 24 Jan 2025 13:35

Tgt Ion: 83 Resp: 7744  
Ion Ratio Lower Upper  
83 100  
55 0.0 57.2 85.8#  
98 0.6 36.6 55.0#





#37

1,2-Dichloropropane

Concen: 0.554 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU062989.D

Acq: 24 Jan 2025 13:35

Instrument :

MSVOA\_U

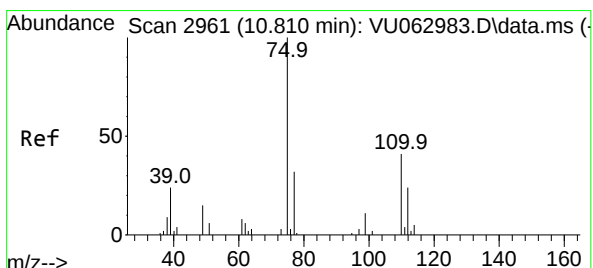
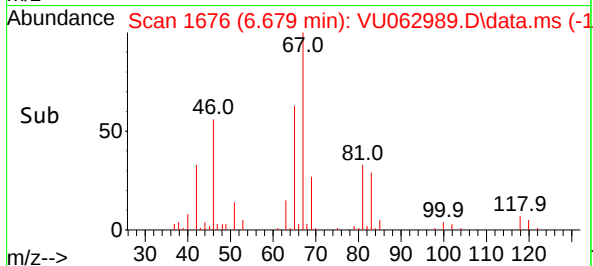
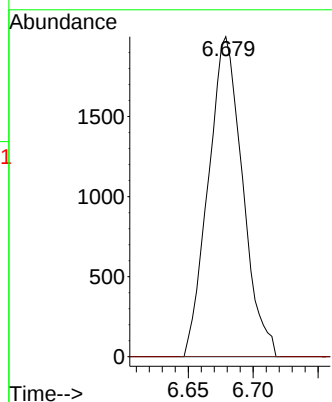
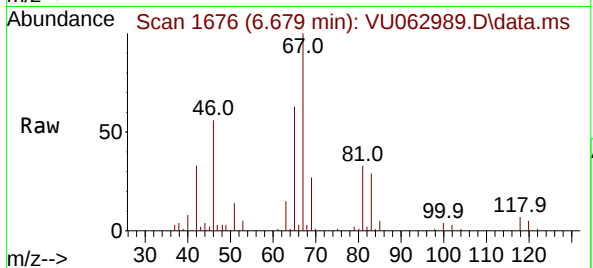
ClientSampleId :

Tgt Ion: 63 Resp: 3658

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#61

1,2,3-Trichloropropane

Concen: 1.288 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.994 min

Lab File: VU062989.D

Acq: 24 Jan 2025 13:35

Tgt Ion: 75 Resp: 5047

Ion Ratio Lower Upper

75 100

110 1.8 33.2 49.8#

77 38.0 25.9 38.9

