

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU030624\  
 Data File : VU057994.D  
 Acq On : 06 Mar 2024 10:04  
 Operator : MD/SY  
 Sample : P1601-02  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL-WATER-QT1-2024-02

Quant Time: Mar 07 03:43:46 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUSIM030524.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Mar 06 01:33:52 2024  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 03/07/2024  
 Supervised By : Mahesh Dadoda 03/08/2024

| Compound                      | R.T.           | QIon | Response            | Conc  | Units  | Dev(Min) |
|-------------------------------|----------------|------|---------------------|-------|--------|----------|
| -----                         |                |      |                     |       |        |          |
| Internal Standards            |                |      |                     |       |        |          |
| 1) 1,4-Difluorobenzene        | 6.258          | 114  | 5027                | 0.500 | ug/L   | 0.00     |
| 5) Chlorobenzene-d5           | 9.419          | 117  | 7366                | 0.500 | ug/L   | 0.00     |
| 11) 1,4-Dichlorobenzene-d4    | 11.808         | 152  | 2310                | 0.500 | ug/L   | 0.00     |
| System Monitoring Compounds   |                |      |                     |       |        |          |
| 2) Vinyl Chloride-d3          | 1.597          | 65   | 3139                | 0.534 | ug/L   | 0.00     |
| Spiked Amount 0.500           | Range 40 - 130 |      | Recovery = 106.000% |       |        |          |
| 4) 1,2-Dichloroethane-d4      | 5.685          | 65   | 1883                | 0.541 | ug/L   | 0.00     |
| Spiked Amount 0.500           | Range 70 - 130 |      | Recovery = 108.000% |       |        |          |
| 7) 1,2-Dichloropropane-d6     | 6.687          | 67   | 2357                | 0.586 | ug/L   | 0.00     |
| Spiked Amount 0.500           | Range 60 - 140 |      | Recovery = 118.000% |       |        |          |
| 8) Toluene-d8                 | 7.888          | 98   | 5859                | 0.532 | ug/L   | 0.00     |
| Spiked Amount 0.500           | Range 70 - 130 |      | Recovery = 106.000% |       |        |          |
| 10) 1,1,2,2-Tetrachloroeth... | 10.746         | 84   | 1445                | 0.570 | ug/L   | 0.00     |
| Spiked Amount 0.500           | Range 65 - 120 |      | Recovery = 114.000% |       |        |          |
| Target Compounds              |                |      |                     |       |        |          |
|                               |                |      |                     |       |        | Qvalue   |
| 6) Trichloroethene            | 6.544          | 95   | 92                  | 0.024 | ug/L   | 93       |
| 9) 1,2-Dibromoethane          | 8.924          | 107  | 44                  | 0.022 | ug/L # | 77       |
| 12) 1,2,3-Trichloropropane    | 10.814         | 75   | 52                  | 0.028 | ug/L # | 88       |
| 13) 1,2-Dibromo-3-chloropr... | 13.008         | 75   | 11m                 | 0.029 | ug/L   |          |
| -----                         |                |      |                     |       |        |          |

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

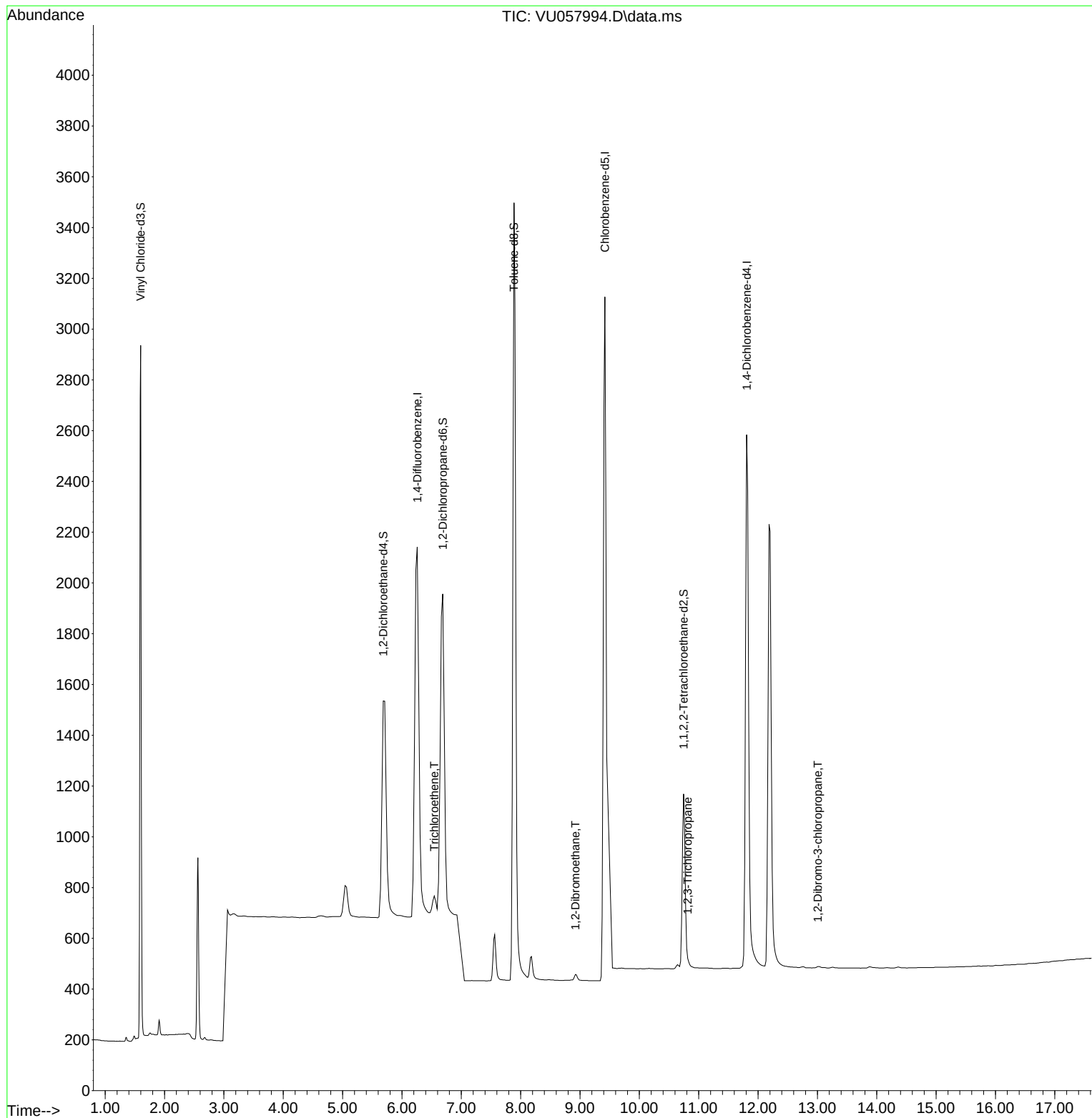
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU030624\  
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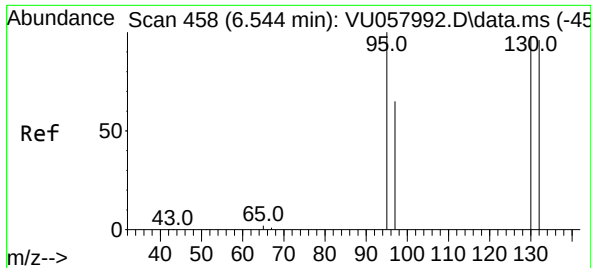
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL-WATER-QT1-2024-02

Quant Time: Mar 07 03:43:46 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUSIM030524.M  
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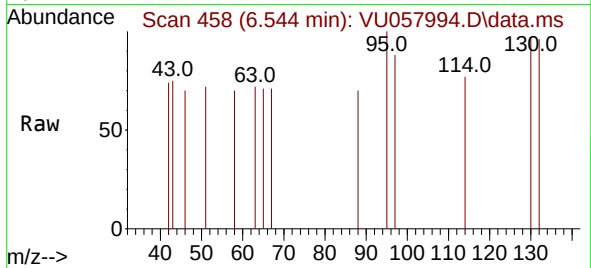
Reviewed By :John Carlone 03/07/2024  
Supervised By :Mahesh Dadoda 03/08/2024





#6  
 Trichloroethene  
 Concen: 0.024 ug/L  
 RT: 6.544 min Scan# 458  
 Delta R.T. 0.000 min  
 Lab File: VU057994.D  
 Acq: 06 Mar 2024 10:04

Instrument : MSVOA\_U  
 ClientSampleId : MDL-WATER-QT1-2024-02

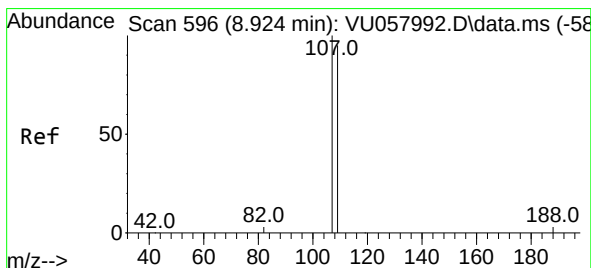
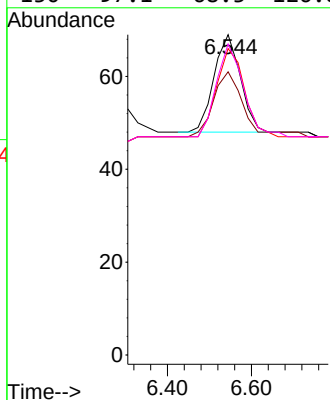
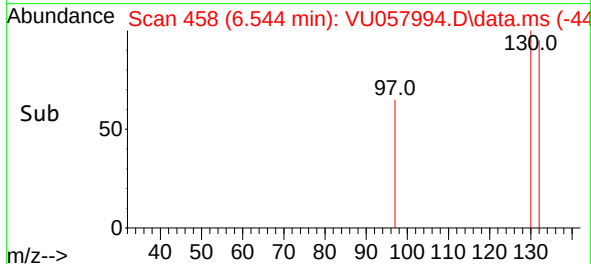


Tgt Ion: 95 Resp: 92

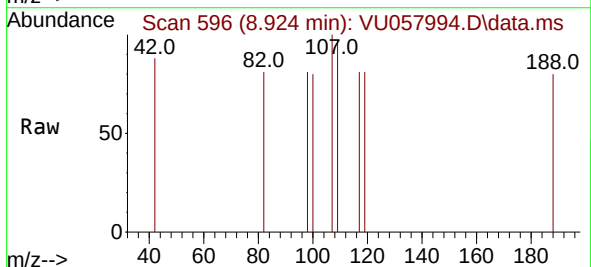
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 88.4  | 48.5  | 90.1  |
| 132 | 95.7  | 66.3  | 123.1 |
| 130 | 97.1  | 68.3  | 126.8 |

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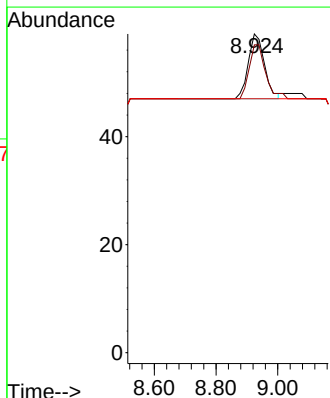
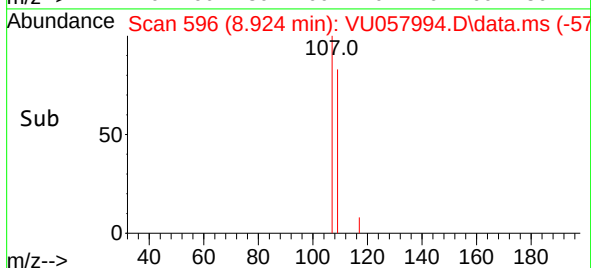


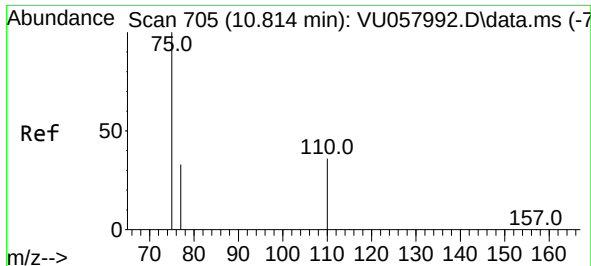
#9  
 1,2-Dibromoethane  
 Concen: 0.022 ug/L  
 RT: 8.924 min Scan# 596  
 Delta R.T. -0.000 min  
 Lab File: VU057994.D  
 Acq: 06 Mar 2024 10:04



Tgt Ion:107 Resp: 44

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 109 | 96.6  | 65.9  | 122.3 |
| 188 | 79.7  | 11.6  | 17.4  |





#12

1,2,3-Trichloropropane

Concen: 0.028 ug/L

RT: 10.814 min Scan# 705

Delta R.T. 0.000 min

Lab File: VU057994.D

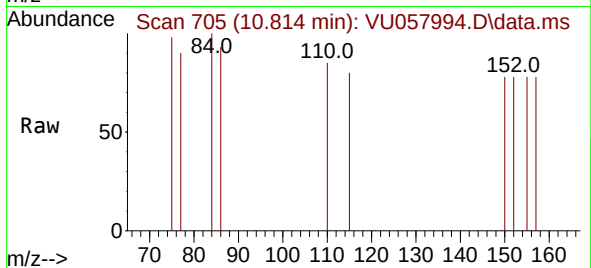
Acq: 06 Mar 2024 10:04

Instrument :

MSVOA\_U

ClientSampleId :

MDL-WATER-QT1-2024-02



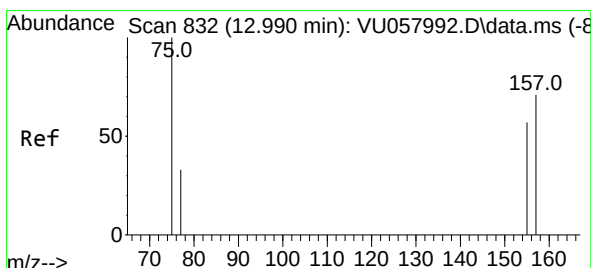
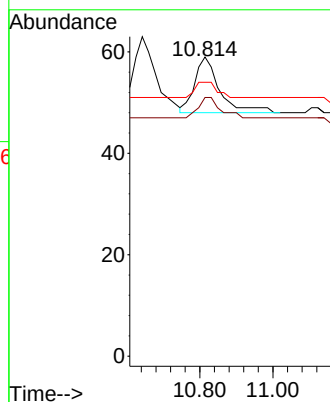
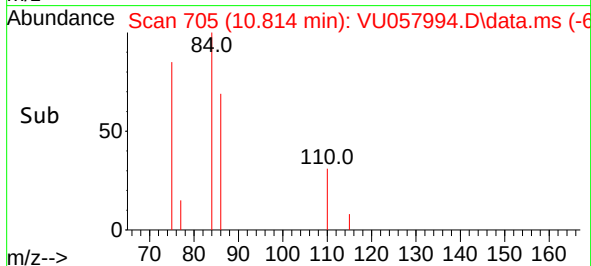
| Tgt Ion: | 75    | Resp: | 52    |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 30.8  | 27.9  | 41.9  |
| 77       | 23.1  | 25.8  | 38.8  |

Manual Integrations

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#13

1,2-Dibromo-3-chloropropane

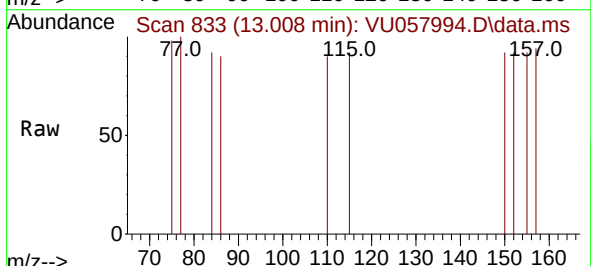
Concen: 0.029 ug/L m

RT: 13.008 min Scan# 833

Delta R.T. 0.018 min

Lab File: VU057994.D

Acq: 06 Mar 2024 10:04



| Tgt Ion: | 75    | Resp: | 11    |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 157      | 96.1  | 66.6  | 100.0 |
| 155      | 94.1  | 62.0  | 93.0  |

