

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU120122\  
 Data File : VU052155.D  
 Acq On : 01 Dec 2022 11:32  
 Operator : JC/MD  
 Sample : VSTD0.524  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD0.5024

Quant Time: Dec 02 00:18:26 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUSIM120122.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Dec 02 00:17:29 2022  
 Response via : Initial Calibration

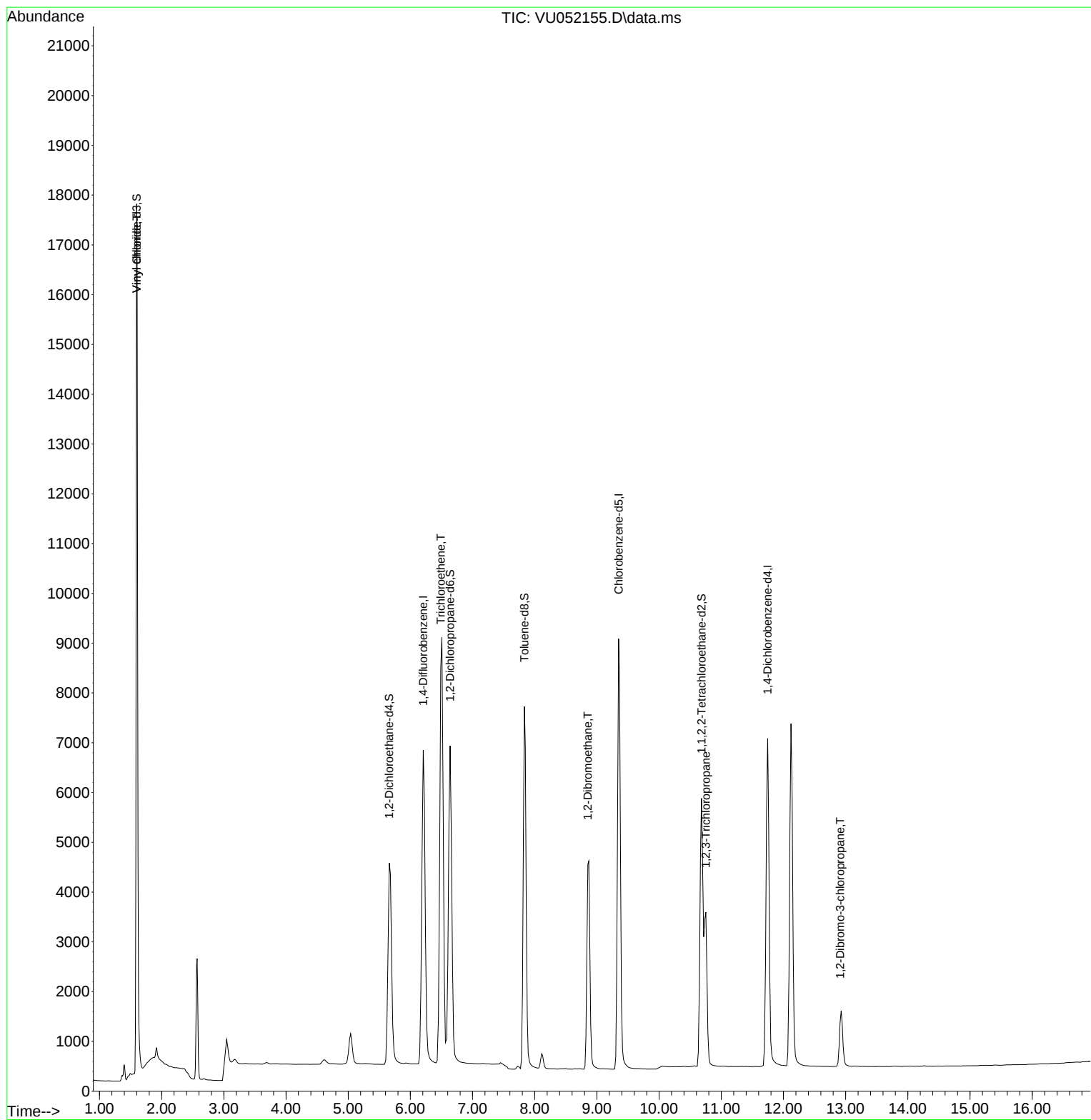
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Difluorobenzene        | 6.206  | 114  | 17491    | 0.500 | ug/L  | 0.00     |
| 5) Chlorobenzene-d5           | 9.349  | 117  | 15713    | 0.500 | ug/L  | 0.00     |
| 11) 1,4-Dichlorobenzene-d4    | 11.745 | 152  | 6947     | 0.500 | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 2) Vinyl Chloride-d3          | 1.599  | 65   | 11318    | 0.876 | ug/L  | 0.00     |
| 4) 1,2-Dichloroethane-d4      | 5.661  | 65   | 8869     | 0.539 | ug/L  | 0.00     |
| 7) 1,2-Dichloropropane-d6     | 6.639  | 67   | 10198    | 0.650 | ug/L  | 0.00     |
| 8) Toluene-d8                 | 7.833  | 98   | 14073    | 0.469 | ug/L  | 0.00     |
| 10) 1,1,2,2-Tetrachloroeth... | 10.682 | 84   | 10663    | 0.690 | ug/L  | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 3) Vinyl chloride             | 1.599  | 62   | 11411    | 0.582 | ug/L  | 100      |
| 6) Trichloroethene            | 6.489  | 95   | 8942     | 0.608 | ug/L  | 100      |
| 9) 1,2-Dibromoethane          | 8.854  | 107  | 6928     | 0.646 | ug/L  | 100      |
| 12) 1,2,3-Trichloropropane    | 10.751 | 75   | 6060     | 0.567 | ug/L  | 100      |
| 13) 1,2-Dibromo-3-chloropr... | 12.910 | 75   | 1188     | 0.594 | ug/L  | 100      |
| -----                         |        |      |          |       |       |          |

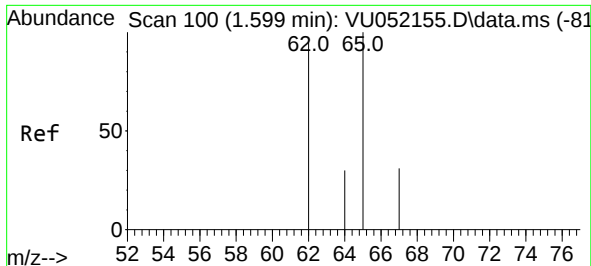
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0  
QLast Update : Fri Dec 02 00:17:29 2022  
Response via : Initial Calibration

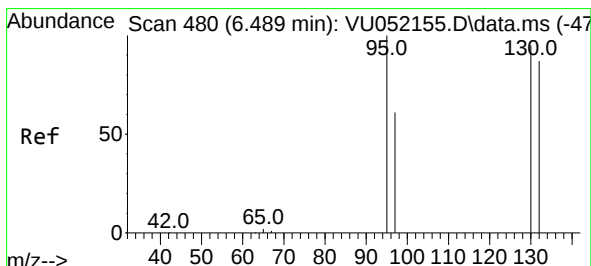
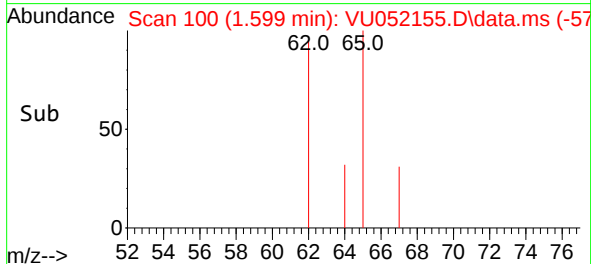
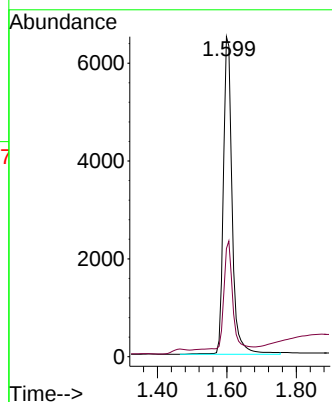
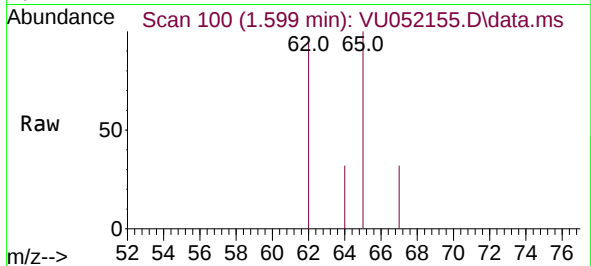




#3  
 Vinyl chloride  
 Concen: 0.582 ug/L  
 RT: 1.599 min Scan# 100  
 Delta R.T. 0.000 min  
 Lab File: VU052155.D  
 Acq: 01 Dec 2022 11:32

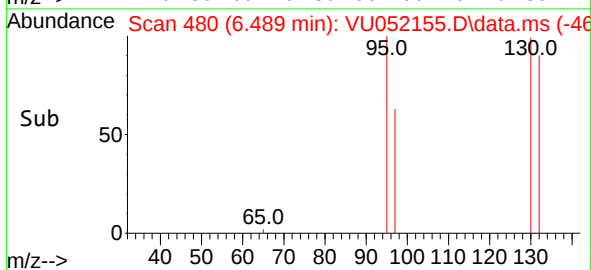
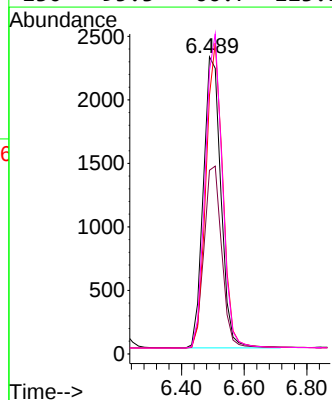
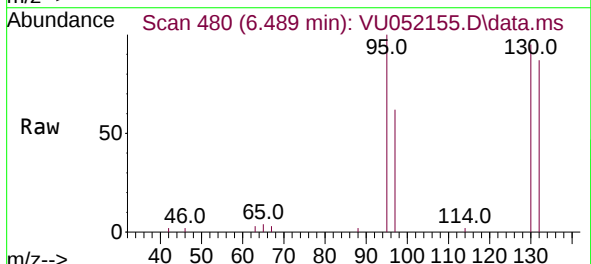
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD0.5024

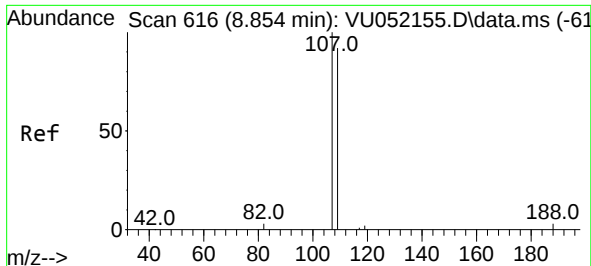
Tgt Ion: 62 Resp: 11411  
 Ion Ratio Lower Upper  
 62 100  
 64 33.8 23.7 43.9



#6  
 Trichloroethene  
 Concen: 0.608 ug/L  
 RT: 6.489 min Scan# 480  
 Delta R.T. 0.000 min  
 Lab File: VU052155.D  
 Acq: 01 Dec 2022 11:32

Tgt Ion: 95 Resp: 8942  
 Ion Ratio Lower Upper  
 95 100  
 97 61.8 43.3 80.3  
 132 87.1 61.0 113.2  
 130 95.3 66.7 123.9

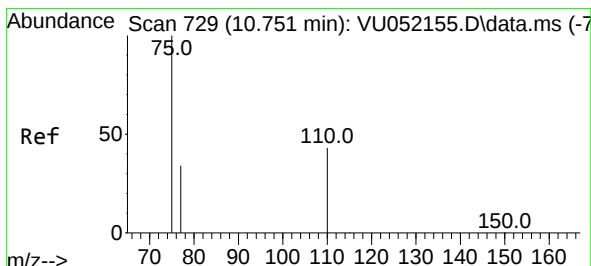
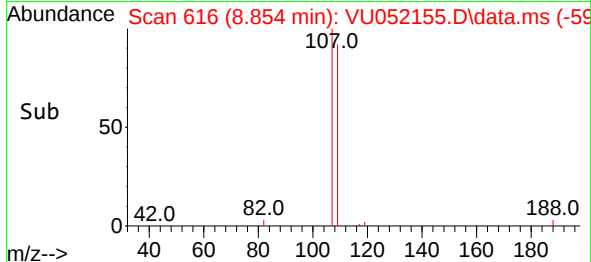
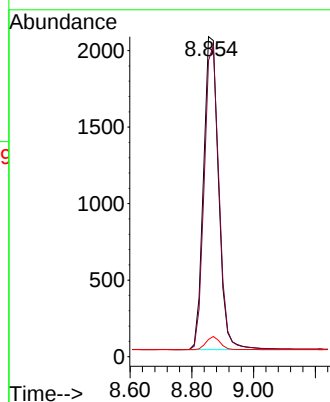
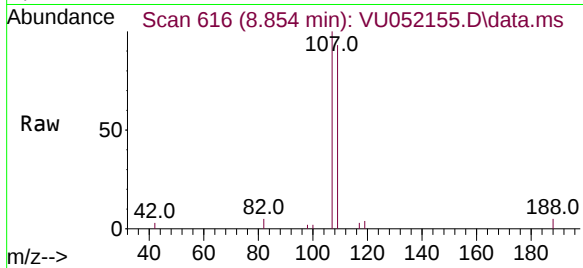




#9  
 1,2-Dibromoethane  
 Concen: 0.646 ug/L  
 RT: 8.854 min Scan# 616  
 Delta R.T. 0.000 min  
 Lab File: VU052155.D  
 Acq: 01 Dec 2022 11:32

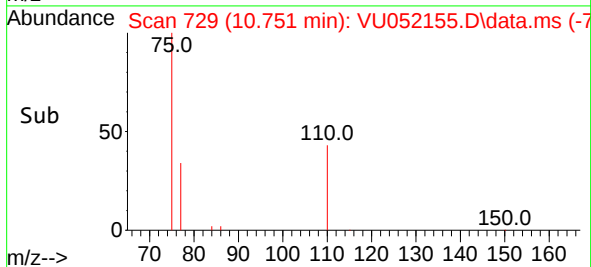
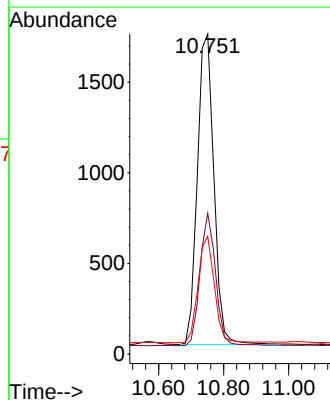
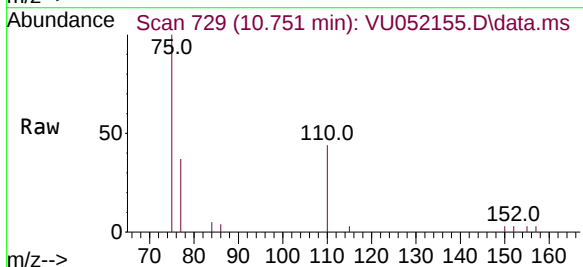
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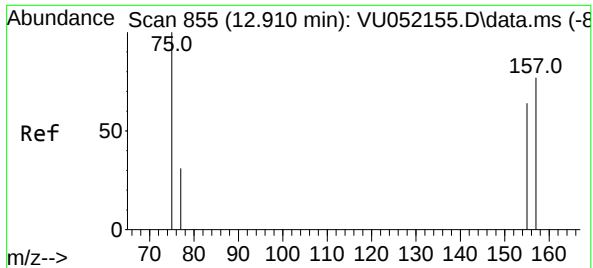
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 6928  |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 109      | 92.5  | 64.8  | 120.3 |
| 188      | 5.4   | 4.3   | 6.5   |



#12  
 1,2,3-Trichloropropane  
 Concen: 0.567 ug/L  
 RT: 10.751 min Scan# 729  
 Delta R.T. 0.000 min  
 Lab File: VU052155.D  
 Acq: 01 Dec 2022 11:32

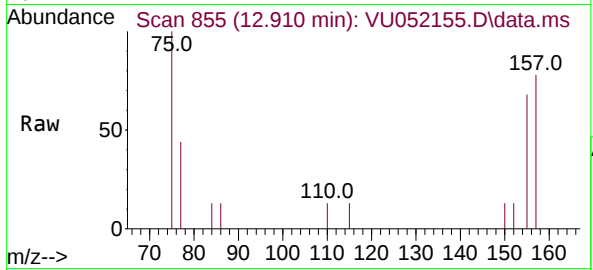
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 6060  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 40.2  | 32.2  | 48.2  |
| 77       | 33.5  | 26.8  | 40.2  |





#13  
 1,2-Dibromo-3-chloropropane  
 Concen: 0.594 ug/L  
 RT: 12.910 min Scan# 855  
 Delta R.T. 0.000 min  
 Lab File: VU052155.D  
 Acq: 01 Dec 2022 11:32

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 1188  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 157      | 78.5  | 62.8  | 94.2  |
| 155      | 68.0  | 54.4  | 81.6  |

