

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU052124\  
 Data File : VU058926.D  
 Acq On : 21 May 2024 12:54  
 Operator : MD/SY  
 Sample : VSTD001  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: May 22 06:59:28 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUSIM052124.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed May 22 06:58:22 2024  
 Response via : Initial Calibration

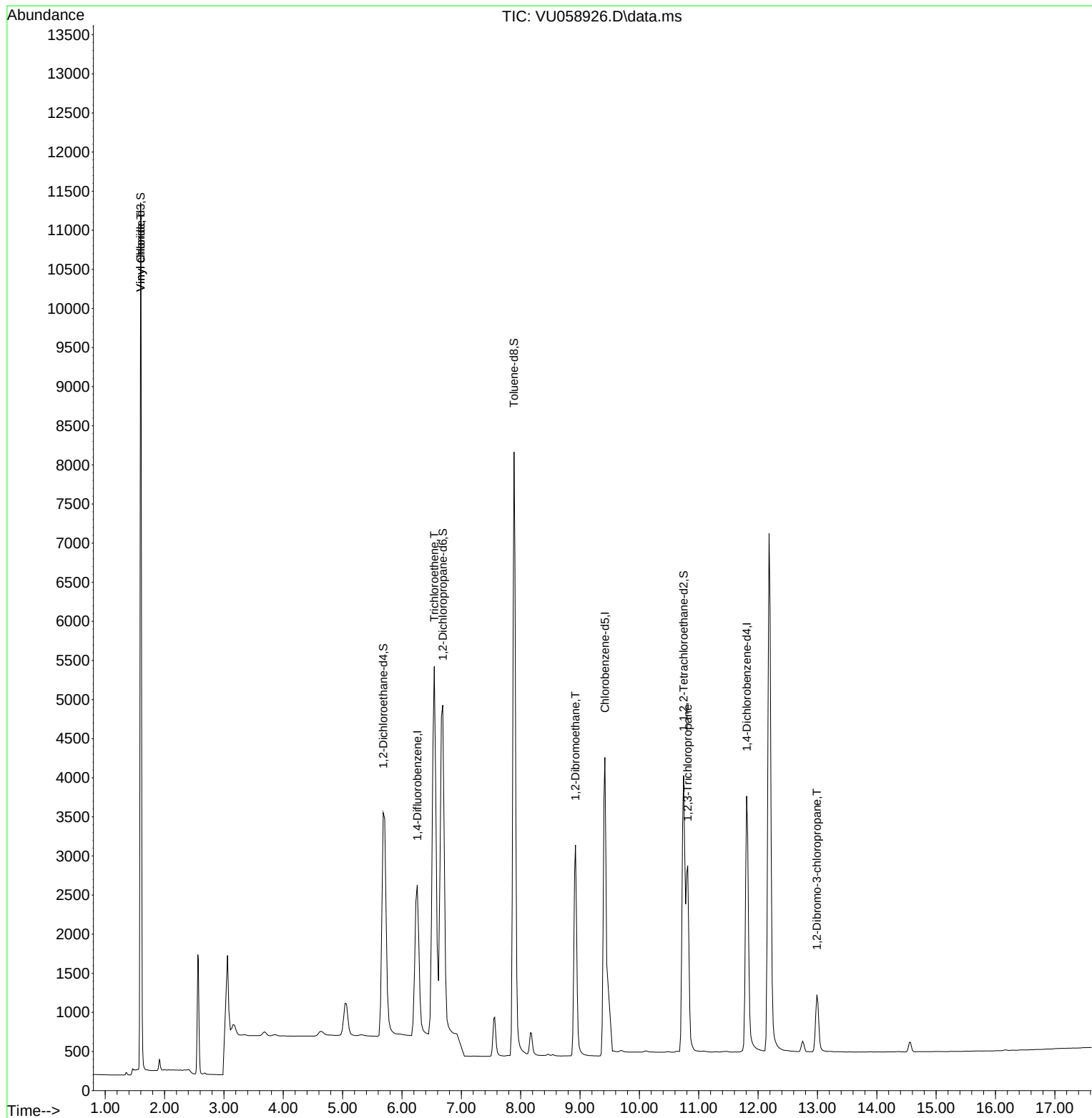
| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| Internal Standards            |        |      |          |       |        |          |
| 1) 1,4-Difluorobenzene        | 6.258  | 114  | 6674     | 0.500 | ug/L   | 0.00     |
| 5) Chlorobenzene-d5           | 9.419  | 117  | 10510    | 0.500 | ug/L   | 0.00     |
| 11) 1,4-Dichlorobenzene-d4    | 11.808 | 152  | 3588     | 0.500 | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |       |        |          |
| 2) Vinyl Chloride-d3          | 1.597  | 65   | 5580     | 1.011 | ug/L   | 0.00     |
| 4) 1,2-Dichloroethane-d4      | 5.685  | 65   | 6387     | 0.923 | ug/L   | -0.02    |
| 7) 1,2-Dichloropropane-d6     | 6.687  | 67   | 7788     | 1.430 | ug/L   | 0.00     |
| 8) Toluene-d8                 | 7.887  | 98   | 14522    | 1.028 | ug/L   | 0.00     |
| 10) 1,1,2,2-Tetrachloroeth... | 10.745 | 84   | 7156     | 1.389 | ug/L   | 0.00     |
| Target Compounds              |        |      |          |       |        |          |
|                               |        |      |          |       |        | Qvalue   |
| 3) Vinyl chloride             | 1.597  | 62   | 7789     | 0.997 | ug/L   | 97       |
| 6) Trichloroethene            | 6.544  | 95   | 5900     | 1.086 | ug/L   | 98       |
| 9) 1,2-Dibromoethane          | 8.924  | 107  | 4541     | 1.208 | ug/L # | 99       |
| 12) 1,2,3-Trichloropropane    | 10.814 | 75   | 4942     | 1.441 | ug/L   | 98       |
| 13) 1,2-Dibromo-3-chloropr... | 12.990 | 75   | 907      | 1.168 | ug/L   | 93       |
| -----                         |        |      |          |       |        |          |

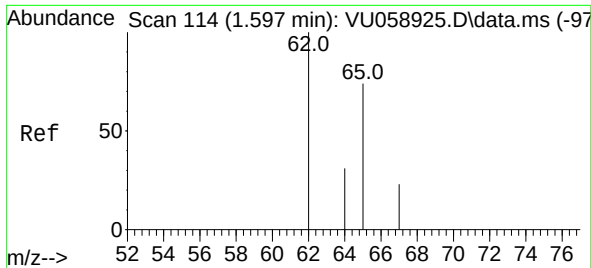
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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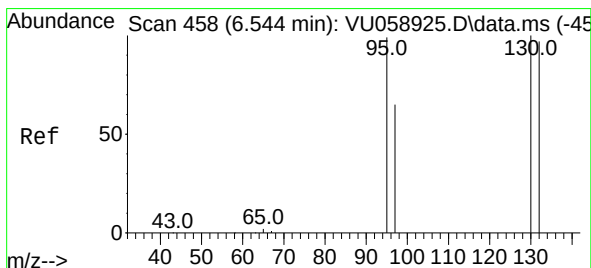
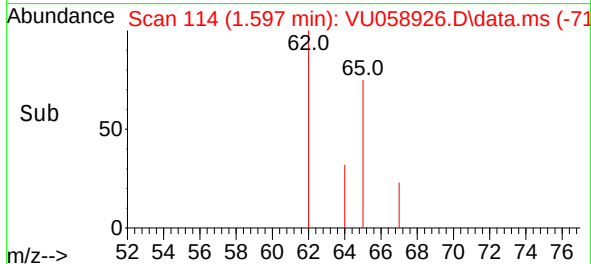
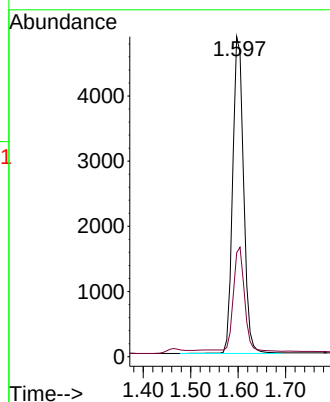
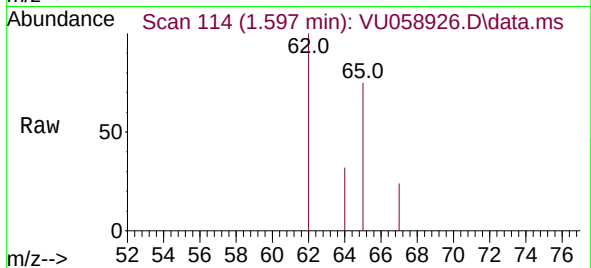




#3  
 Vinyl chloride  
 Concen: 0.997 ug/L  
 RT: 1.597 min Scan# 114  
 Delta R.T. 0.000 min  
 Lab File: VU058926.D  
 Acq: 21 May 2024 12:54

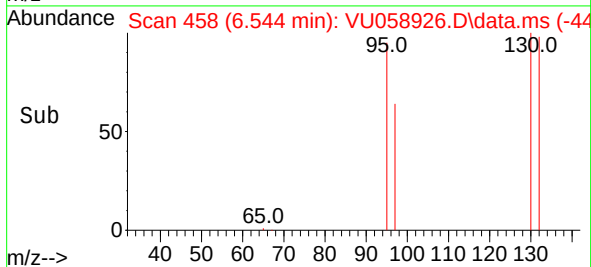
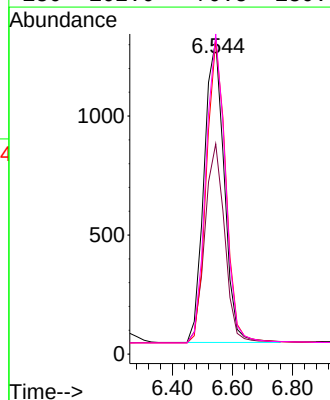
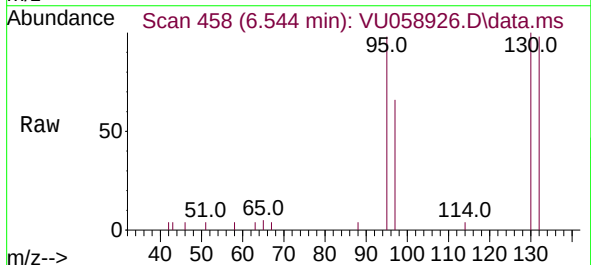
Instrument :  
 MSVOA\_U  
 ClientSampleId :

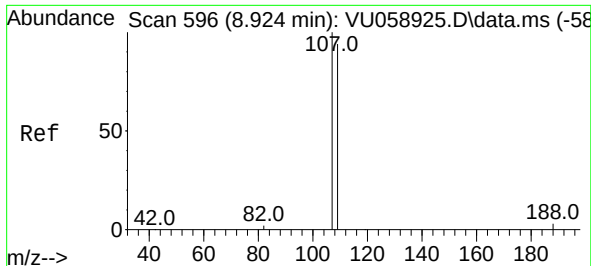
Tgt Ion: 62 Resp: 7789  
 Ion Ratio Lower Upper  
 62 100  
 64 32.5 23.9 44.5



#6  
 Trichloroethene  
 Concen: 1.086 ug/L  
 RT: 6.544 min Scan# 458  
 Delta R.T. 0.000 min  
 Lab File: VU058926.D  
 Acq: 21 May 2024 12:54

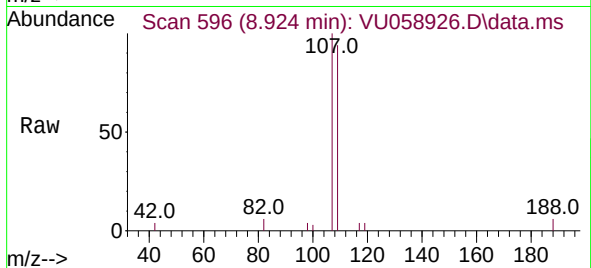
Tgt Ion: 95 Resp: 5900  
 Ion Ratio Lower Upper  
 95 100  
 97 66.9 47.7 88.7  
 132 100.1 68.5 127.1  
 130 102.0 70.5 130.9



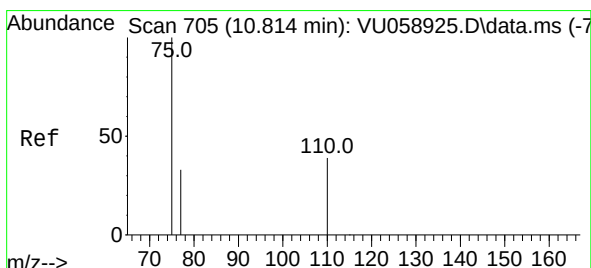
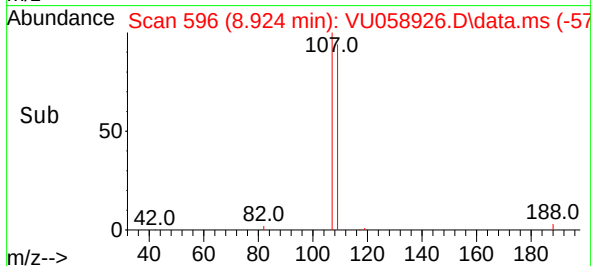
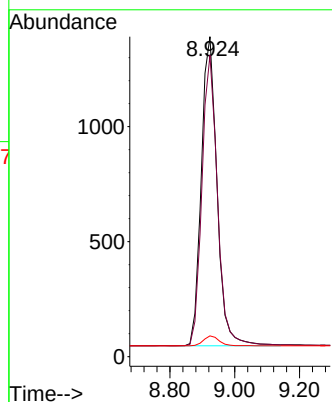


#9  
1,2-Dibromoethane  
Concen: 1.208 ug/L  
RT: 8.924 min Scan# 596  
Delta R.T. 0.000 min  
Lab File: VU058926.D  
Acq: 21 May 2024 12:54

Instrument :  
MSVOA\_U  
ClientSampleId :

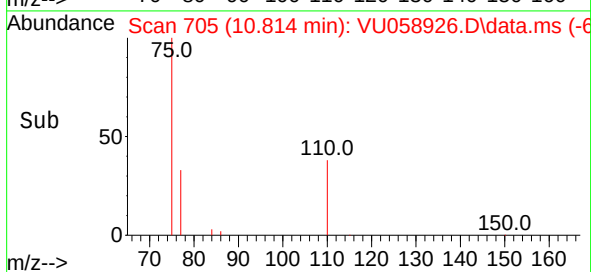
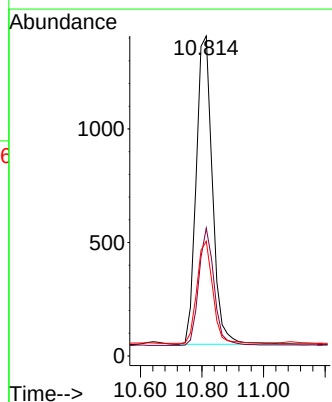
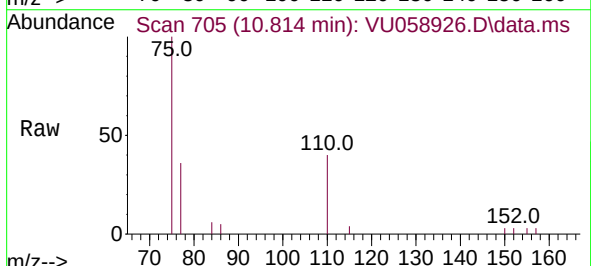


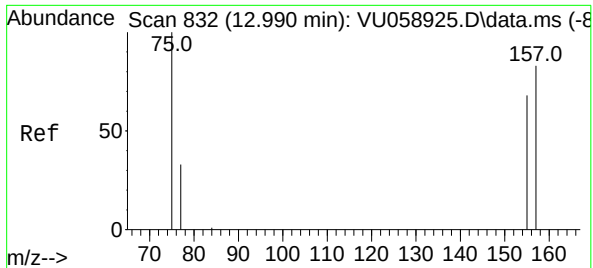
Tgt Ion:107 Resp: 4541  
Ion Ratio Lower Upper  
107 100  
109 94.2 65.9 122.3  
188 6.5 7.7 11.5#



#12  
1,2,3-Trichloropropane  
Concen: 1.441 ug/L  
RT: 10.814 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VU058926.D  
Acq: 21 May 2024 12:54

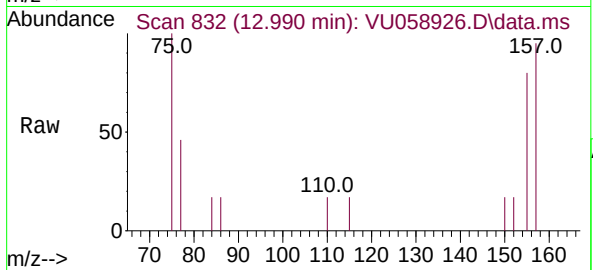
Tgt Ion: 75 Resp: 4942  
Ion Ratio Lower Upper  
75 100  
110 36.0 30.1 45.1  
77 32.4 26.3 39.5





#13  
 1,2-Dibromo-3-chloropropane  
 Concen: 1.168 ug/L  
 RT: 12.990 min Scan# 832  
 Delta R.T. 0.000 min  
 Lab File: VU058926.D  
 Acq: 21 May 2024 12:54

Instrument :  
 MSVOA\_U  
 ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 907   |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 157      | 94.8  | 69.1  | 103.7 |
| 155      | 80.0  | 60.7  | 91.1  |

