

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU081624\  
 Data File : VU060470.D  
 Acq On : 16 Aug 2024 11:59  
 Operator : MD/SY  
 Sample : VSTD0.05  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Aug 17 04:56:24 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUSIM081624.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Aug 17 04:56:02 2024  
 Response via : Initial Calibration

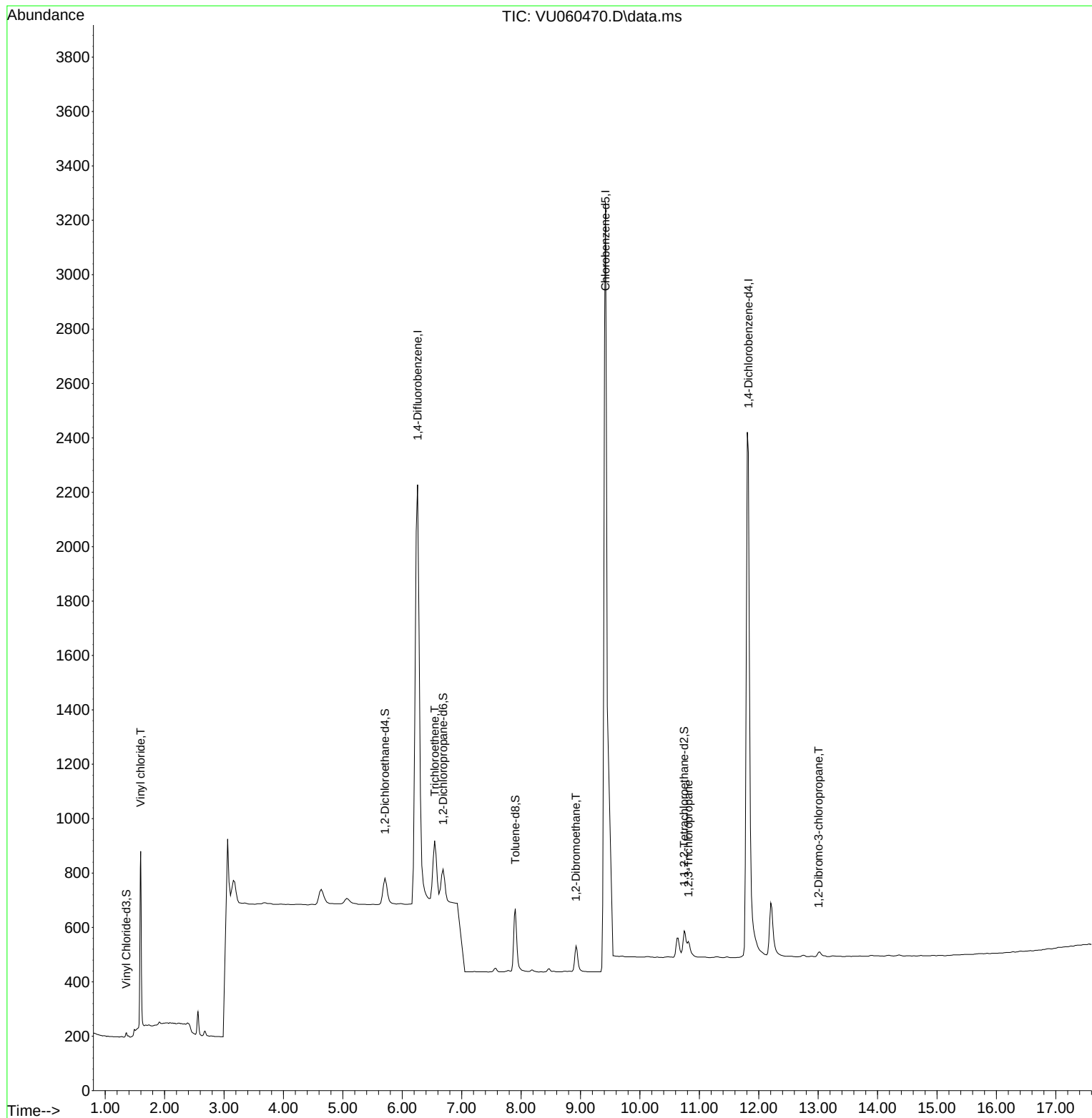
| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| Internal Standards            |        |      |          |       |        |          |
| 1) 1,4-Difluorobenzene        | 6.258  | 114  | 5473     | 0.500 | ug/L   | 0.00     |
| 5) Chlorobenzene-d5           | 9.419  | 117  | 8157     | 0.500 | ug/L   | 0.00     |
| 11) 1,4-Dichlorobenzene-d4    | 11.825 | 152  | 2413     | 0.500 | ug/L   | 0.02     |
| System Monitoring Compounds   |        |      |          |       |        |          |
| 2) Vinyl Chloride-d3          | 1.358  | 65   | 22       | 0.002 | ug/L   | -0.24    |
| 4) 1,2-Dichloroethane-d4      | 5.709  | 65   | 236      | 0.050 | ug/L   | 0.00     |
| 7) 1,2-Dichloropropane-d6     | 6.687  | 67   | 241      | 0.048 | ug/L   | 0.00     |
| 8) Toluene-d8                 | 7.903  | 98   | 493      | 0.047 | ug/L   | 0.02     |
| 10) 1,1,2,2-Tetrachloroeth... | 10.746 | 84   | 208      | 0.047 | ug/L   | 0.00     |
| Target Compounds              |        |      |          |       |        |          |
|                               |        |      |          |       |        | Qvalue   |
| 3) Vinyl chloride             | 1.597  | 62   | 465      | 0.050 | ug/L # | 76       |
| 6) Trichloroethene            | 6.544  | 95   | 275      | 0.053 | ug/L   | 93       |
| 9) 1,2-Dibromoethane          | 8.924  | 107  | 137      | 0.042 | ug/L # | 86       |
| 12) 1,2,3-Trichloropropane    | 10.814 | 75   | 131      | 0.047 | ug/L   | 97       |
| 13) 1,2-Dibromo-3-chloropr... | 13.008 | 75   | 19       | 0.036 | ug/L   | 92       |
| -----                         |        |      |          |       |        |          |

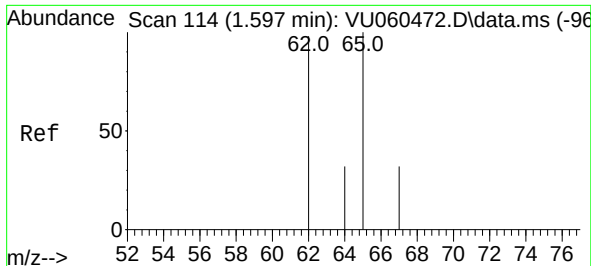
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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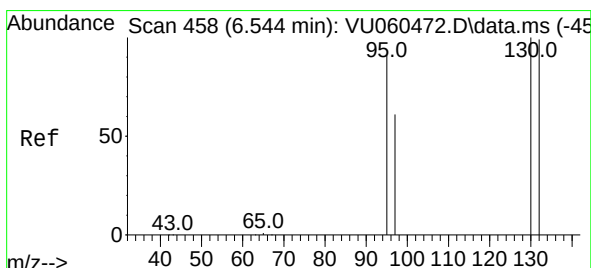
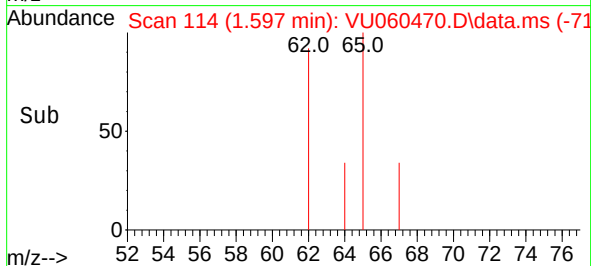
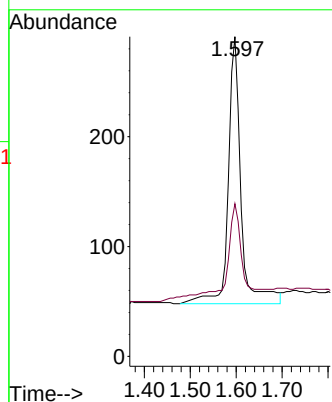
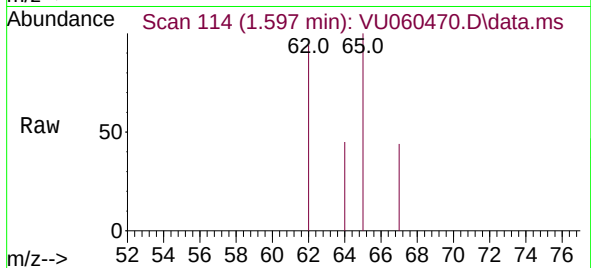




#3  
 Vinyl chloride  
 Concen: 0.050 ug/L  
 RT: 1.597 min Scan# 114  
 Delta R.T. 0.000 min  
 Lab File: VU060470.D  
 Acq: 16 Aug 2024 11:59

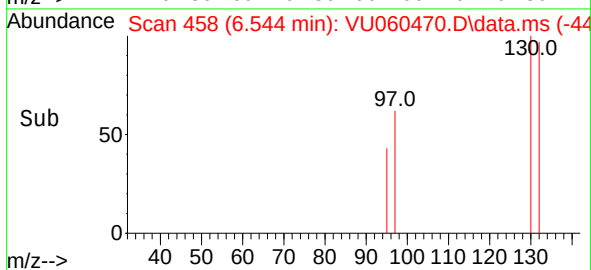
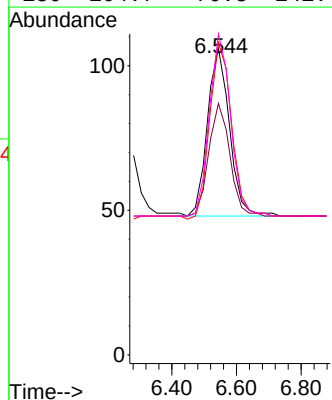
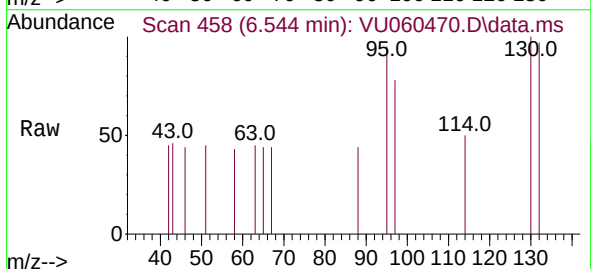
Instrument :  
 MSVOA\_U  
 ClientSampleId :

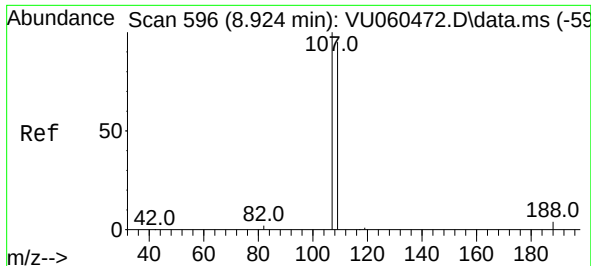
Tgt Ion: 62 Resp: 465  
 Ion Ratio Lower Upper  
 62 100  
 64 47.8 23.9 44.3#



#6  
 Trichloroethene  
 Concen: 0.053 ug/L  
 RT: 6.544 min Scan# 458  
 Delta R.T. 0.000 min  
 Lab File: VU060470.D  
 Acq: 16 Aug 2024 11:59

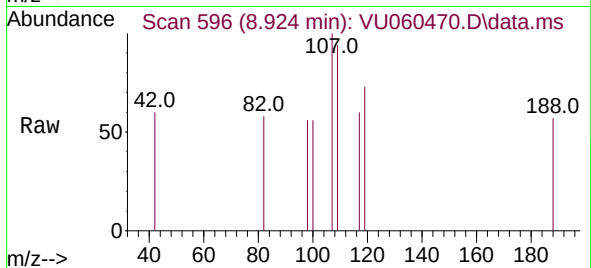
Tgt Ion: 95 Resp: 275  
 Ion Ratio Lower Upper  
 95 100  
 97 82.1 48.5 90.1  
 132 101.9 75.5 140.1  
 130 104.7 76.3 141.7



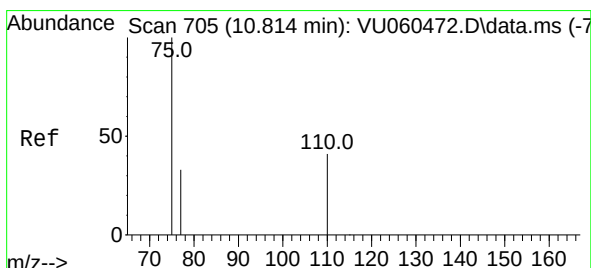
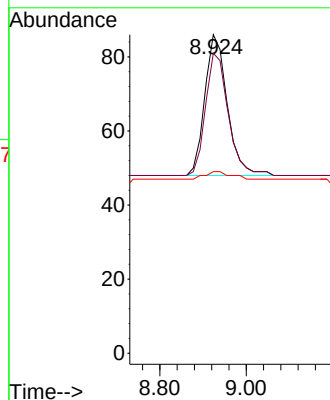
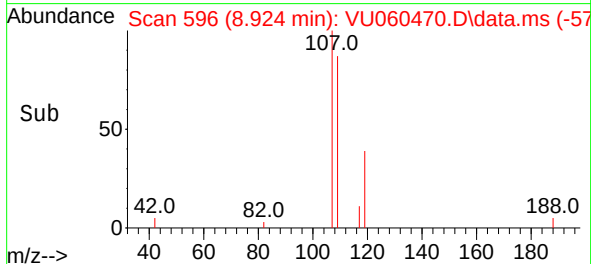


#9  
1,2-Dibromoethane  
Concen: 0.042 ug/L  
RT: 8.924 min Scan# 596  
Delta R.T. 0.000 min  
Lab File: VU060470.D  
Acq: 16 Aug 2024 11:59

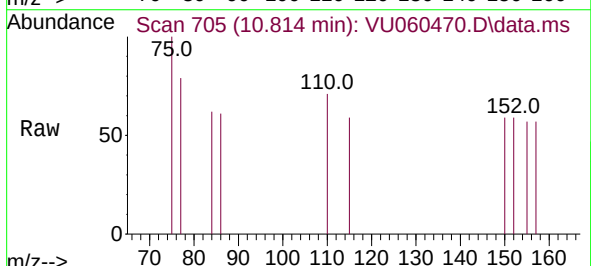
Instrument :  
MSVOA\_U  
ClientSampleId :



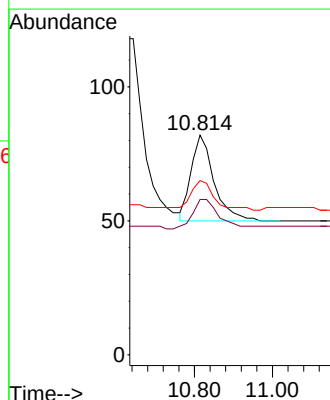
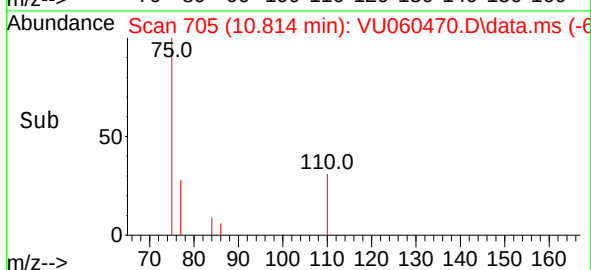
Tgt Ion:107 Resp: 137  
Ion Ratio Lower Upper  
107 100  
109 94.2 66.5 123.5  
188 57.0 9.6 14.4#

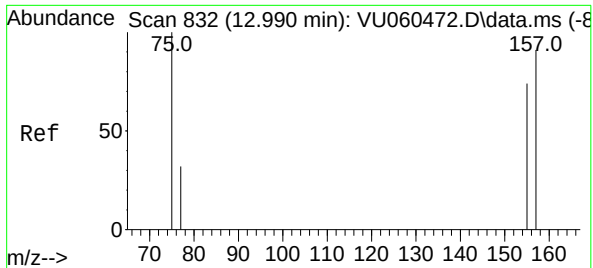


#12  
1,2,3-Trichloropropane  
Concen: 0.047 ug/L  
RT: 10.814 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VU060470.D  
Acq: 16 Aug 2024 11:59



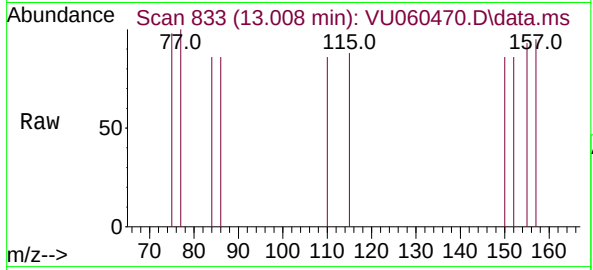
Tgt Ion: 75 Resp: 131  
Ion Ratio Lower Upper  
75 100  
110 38.9 32.4 48.6  
77 34.4 26.0 39.0





#13  
 1,2-Dibromo-3-chloropropane  
 Concen: 0.036 ug/L  
 RT: 13.008 min Scan# 84  
 Delta R.T. 0.017 min  
 Lab File: VU060470.D  
 Acq: 16 Aug 2024 11:59

Instrument :  
 MSVOA\_U  
 ClientSampleId :



|             |                 |
|-------------|-----------------|
| Tgt Ion: 75 | Resp: 19        |
| Ion Ratio   | Lower Upper     |
| 75          | 100             |
| 157         | 96.4 74.3 111.5 |
| 155         | 94.5 66.2 99.2  |

