

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU052224\  
 Data File : VU058935.D  
 Acq On : 22 May 2024 09:59  
 Operator : MD/SY  
 Sample : P2409-02  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL-WATER-QT2-2024-04

Quant Time: May 23 06:03:27 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUSIM052124.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed May 22 07:04:21 2024  
 Response via : Initial Calibration

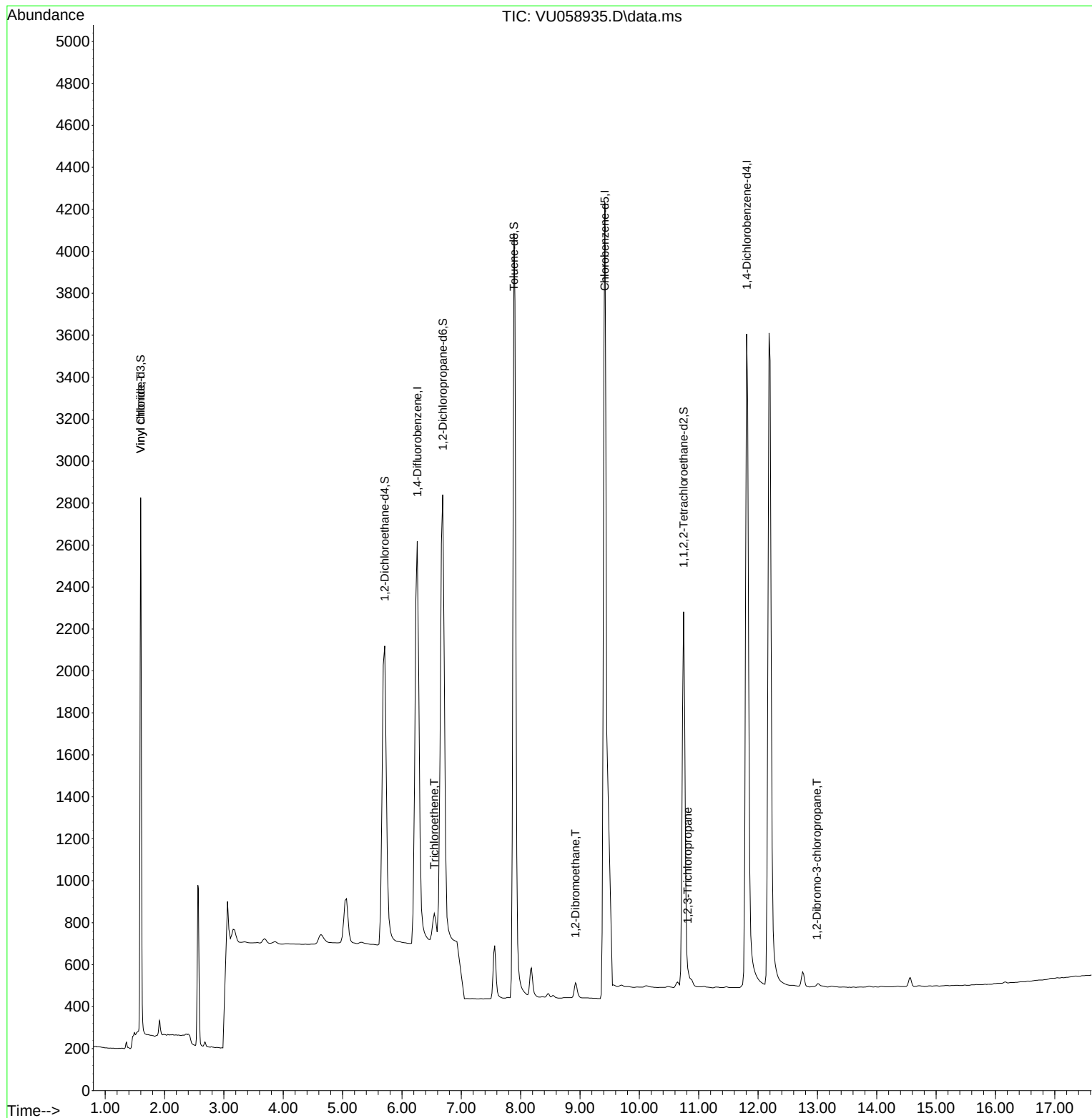
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.258  | 114   | 6584     | 0.500    | ug/L   | 0.00     |
| 5) Chlorobenzene-d5           | 9.419  | 117   | 10354    | 0.500    | ug/L   | 0.00     |
| 11) 1,4-Dichlorobenzene-d4    | 11.808 | 152   | 3565     | 0.500    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 2) Vinyl Chloride-d3          | 1.597  | 65    | 2855     | 0.513    | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 40 - 130 | Recovery | =      | 102.000% |
| 4) 1,2-Dichloroethane-d4      | 5.709  | 65    | 3206     | 0.492    | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 70 - 130 | Recovery | =      | 98.000%  |
| 7) 1,2-Dichloropropane-d6     | 6.687  | 67    | 3947     | 0.522    | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 60 - 140 | Recovery | =      | 104.000% |
| 8) Toluene-d8                 | 7.888  | 98    | 7182     | 0.486    | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 70 - 130 | Recovery | =      | 98.000%  |
| 10) 1,1,2,2-Tetrachloroeth... | 10.746 | 84    | 3672     | 0.512    | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 65 - 120 | Recovery | =      | 102.000% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 3) Vinyl chloride             | 1.597  | 62    | 235      | 0.031    | ug/L # | 1        |
| 6) Trichloroethene            | 6.544  | 95    | 178      | 0.030    | ug/L   | 93       |
| 9) 1,2-Dibromoethane          | 8.924  | 107   | 97       | 0.022    | ug/L # | 83       |
| 12) 1,2,3-Trichloropropane    | 10.814 | 75    | 135      | 0.028    | ug/L # | 84       |
| 13) 1,2-Dibromo-3-chloropr... | 12.991 | 75    | 27       | 0.029    | ug/L   | 90       |
| -----                         |        |       |          |          |        |          |

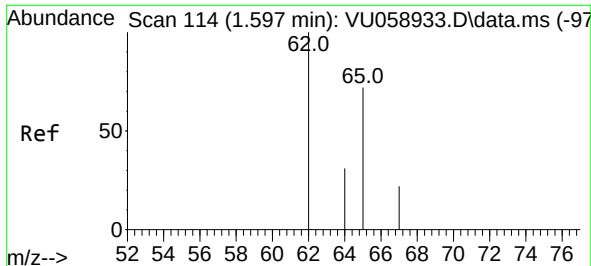
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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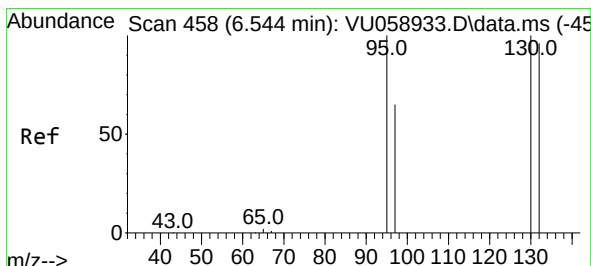
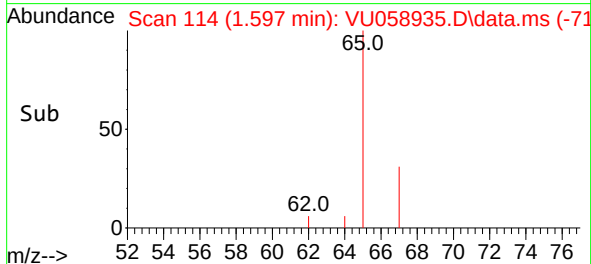
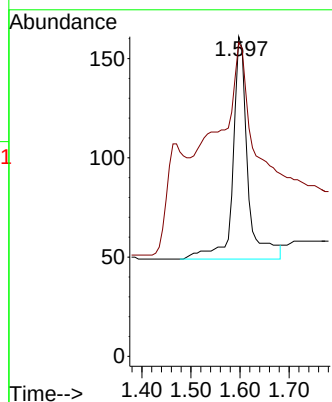
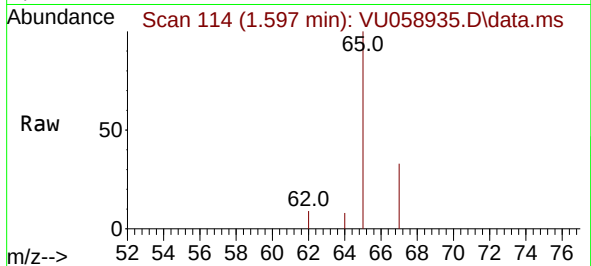




#3  
 Vinyl chloride  
 Concen: 0.031 ug/L  
 RT: 1.597 min Scan# 114  
 Delta R.T. 0.000 min  
 Lab File: VU058935.D  
 Acq: 22 May 2024 09:59

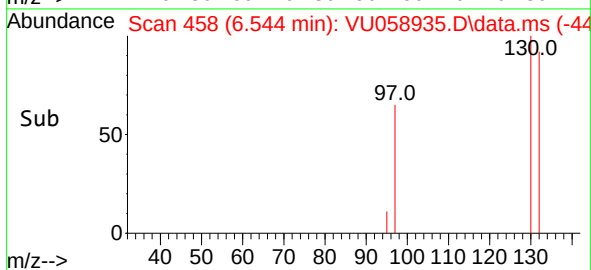
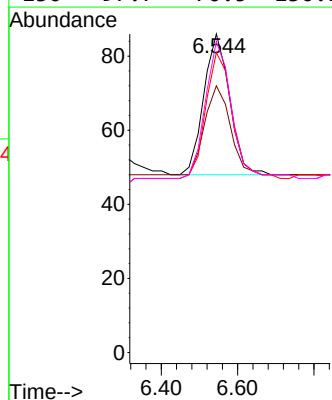
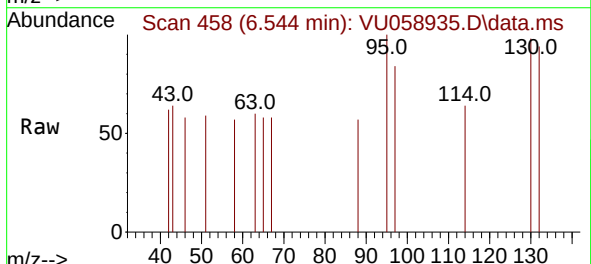
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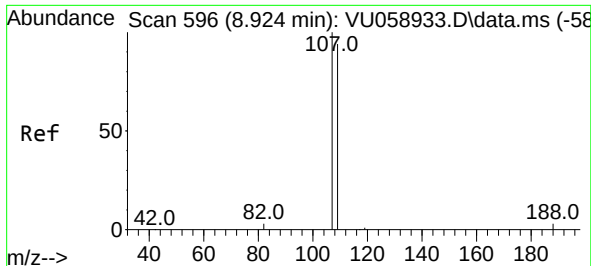
Tgt Ion: 62 Resp: 235  
 Ion Ratio Lower Upper  
 62 100  
 64 98.1 23.9 44.5#



#6  
 Trichloroethene  
 Concen: 0.030 ug/L  
 RT: 6.544 min Scan# 458  
 Delta R.T. 0.000 min  
 Lab File: VU058935.D  
 Acq: 22 May 2024 09:59

Tgt Ion: 95 Resp: 178  
 Ion Ratio Lower Upper  
 95 100  
 97 83.7 47.7 88.7  
 132 94.2 68.5 127.1  
 130 97.7 70.5 130.9

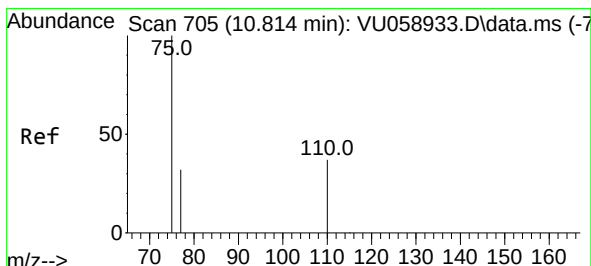
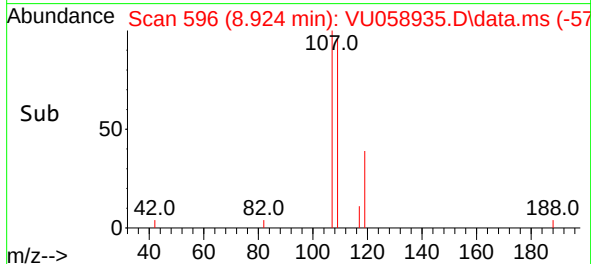
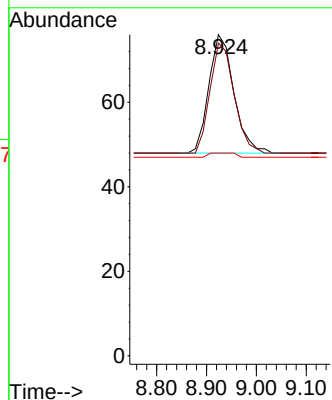
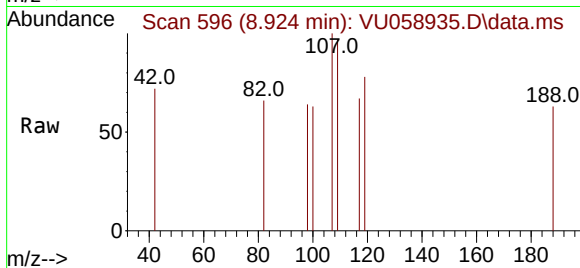




#9  
1,2-Dibromoethane  
Concen: 0.022 ug/L  
RT: 8.924 min Scan# 596  
Delta R.T. 0.000 min  
Lab File: VU058935.D  
Acq: 22 May 2024 09:59

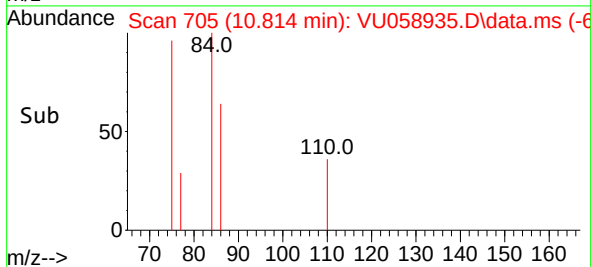
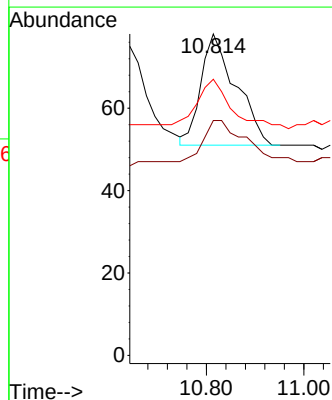
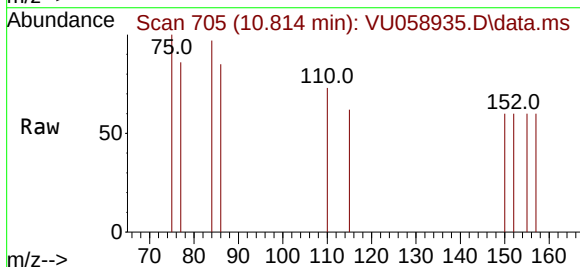
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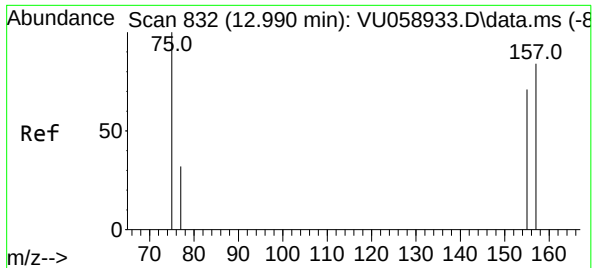
Tgt Ion:107 Resp: 97  
Ion Ratio Lower Upper  
107 100  
109 97.4 65.9 122.3  
188 63.2 7.7 11.5#



#12  
1,2,3-Trichloropropane  
Concen: 0.028 ug/L  
RT: 10.814 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VU058935.D  
Acq: 22 May 2024 09:59

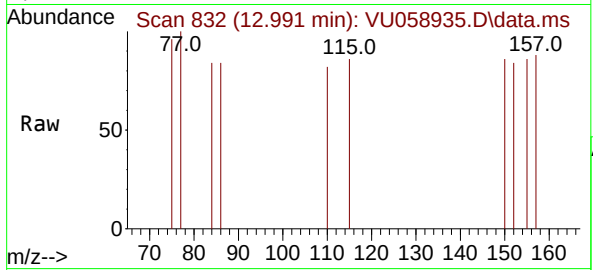
Tgt Ion: 75 Resp: 135  
Ion Ratio Lower Upper  
75 100  
110 43.7 30.1 45.1  
77 45.2 26.3 39.5#





#13  
 1,2-Dibromo-3-chloropropane  
 Concen: 0.029 ug/L  
 RT: 12.991 min Scan# 81  
 Delta R.T. 0.000 min  
 Lab File: VU058935.D  
 Acq: 22 May 2024 09:59

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL-WATER-QT2-2024-04



|             |             |
|-------------|-------------|
| Tgt Ion: 75 | Resp: 27    |
| Ion Ratio   | Lower Upper |
| 75 100      |             |
| 157 90.9    | 69.1 103.7  |
| 155 89.1    | 60.7 91.1   |

