

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU102224\  
 Data File : VU061183.D  
 Acq On : 22 Oct 2024 12:45  
 Operator : MD/SY  
 Sample : VSTDICV0.5  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Oct 23 02:34:06 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUSIM102224.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Oct 23 02:31:01 2024  
 Response via : Initial Calibration

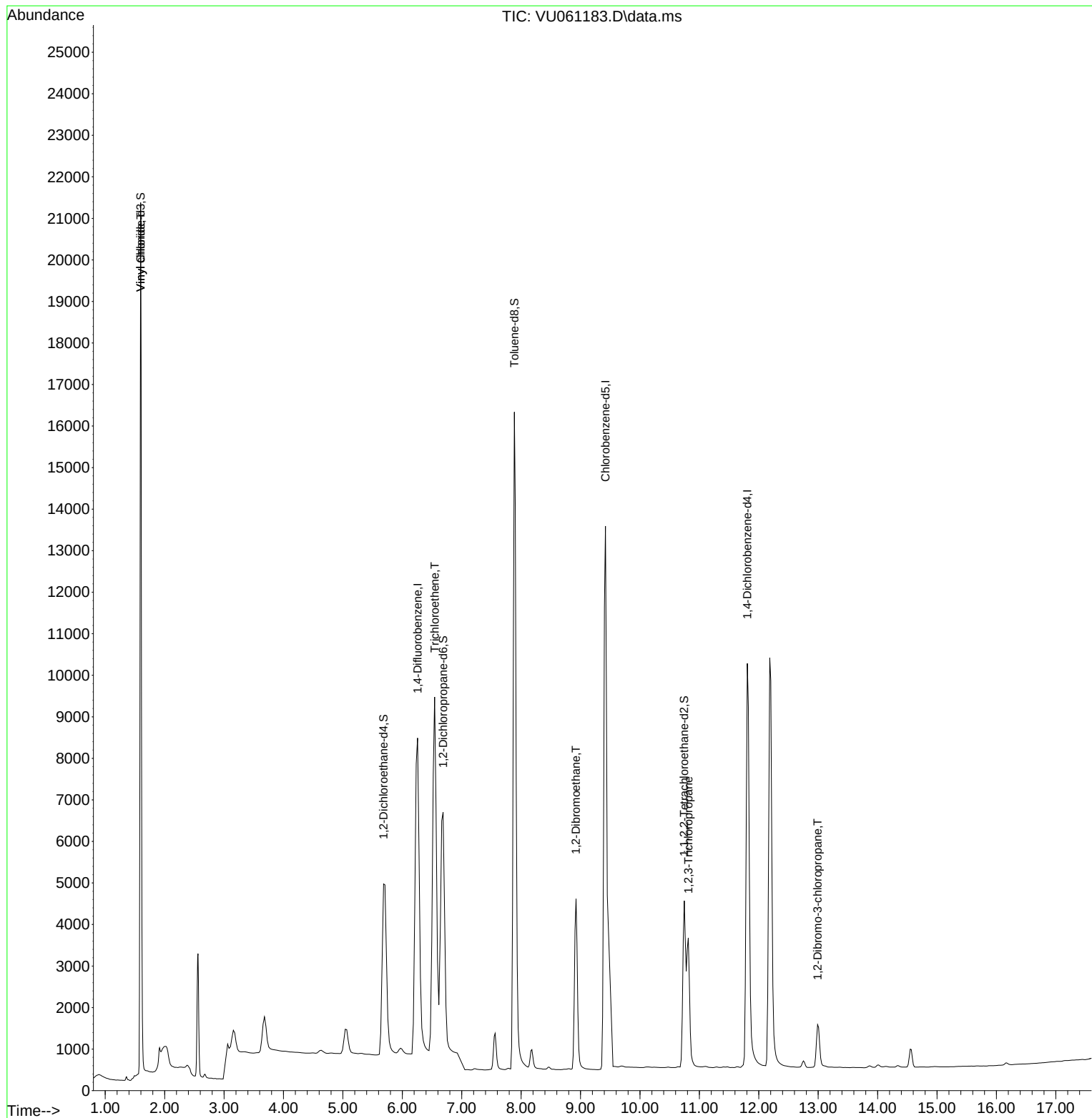
| Compound                      | R.T.           | QIon | Response            | Conc  | Units  | Dev(Min) |
|-------------------------------|----------------|------|---------------------|-------|--------|----------|
| -----                         |                |      |                     |       |        |          |
| Internal Standards            |                |      |                     |       |        |          |
| 1) 1,4-Difluorobenzene        | 6.257          | 114  | 27089               | 0.500 | ug/L   | 0.00     |
| 5) Chlorobenzene-d5           | 9.418          | 117  | 35213               | 0.500 | ug/L   | 0.00     |
| 11) 1,4-Dichlorobenzene-d4    | 11.808         | 152  | 10828               | 0.500 | ug/L   | 0.00     |
| System Monitoring Compounds   |                |      |                     |       |        |          |
| 2) Vinyl Chloride-d3          | 1.597          | 65   | 12053               | 0.485 | ug/L   | 0.00     |
| Spiked Amount 0.500           | Range 40 - 130 |      | Recovery = 98.000%  |       |        |          |
| 4) 1,2-Dichloroethane-d4      | 5.685          | 65   | 9329                | 0.498 | ug/L   | 0.00     |
| Spiked Amount 0.500           | Range 70 - 130 |      | Recovery = 100.000% |       |        |          |
| 7) 1,2-Dichloropropane-d6     | 6.687          | 67   | 10648               | 0.498 | ug/L   | 0.00     |
| Spiked Amount 0.500           | Range 60 - 140 |      | Recovery = 100.000% |       |        |          |
| 8) Toluene-d8                 | 7.887          | 98   | 30208               | 0.502 | ug/L   | 0.00     |
| Spiked Amount 0.500           | Range 70 - 130 |      | Recovery = 100.000% |       |        |          |
| 10) 1,1,2,2-Tetrachloroeth... | 10.745         | 84   | 8178                | 0.511 | ug/L   | 0.00     |
| Spiked Amount 0.500           | Range 65 - 120 |      | Recovery = 102.000% |       |        |          |
| Target Compounds              |                |      |                     |       |        |          |
|                               |                |      |                     |       | Qvalue |          |
| 3) Vinyl chloride             | 1.597          | 62   | 13832               | 0.508 | ug/L   | 100      |
| 6) Trichloroethene            | 6.544          | 95   | 10767               | 0.522 | ug/L   | 99       |
| 9) 1,2-Dibromoethane          | 8.923          | 107  | 6908                | 0.531 | ug/L   | 99       |
| 12) 1,2,3-Trichloropropane    | 10.814         | 75   | 6343                | 0.546 | ug/L   | 99       |
| 13) 1,2-Dibromo-3-chloropr... | 12.990         | 75   | 1295                | 0.569 | ug/L   | 99       |
| -----                         |                |      |                     |       |        |          |

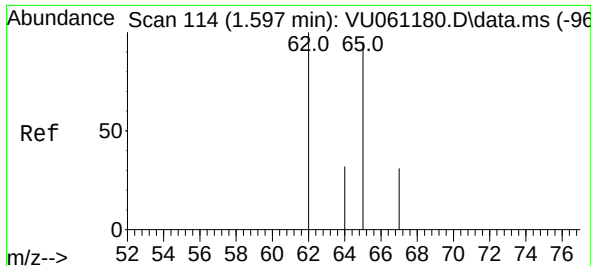
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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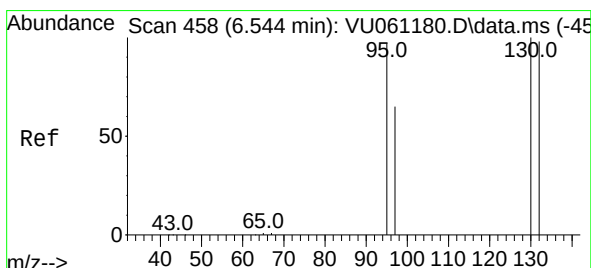
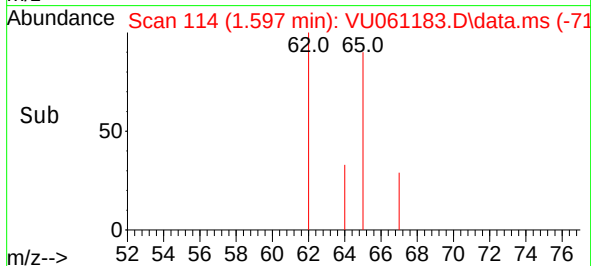
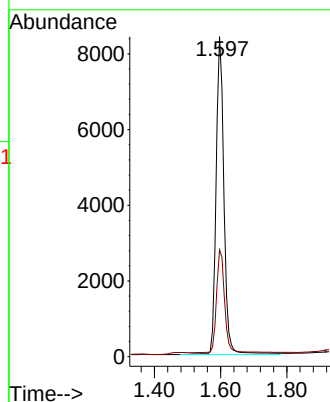
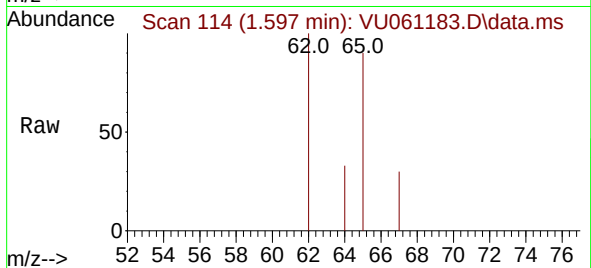




#3  
 Vinyl chloride  
 Concen: 0.508 ug/L  
 RT: 1.597 min Scan# 114  
 Delta R.T. 0.000 min  
 Lab File: VU061183.D  
 Acq: 22 Oct 2024 12:45

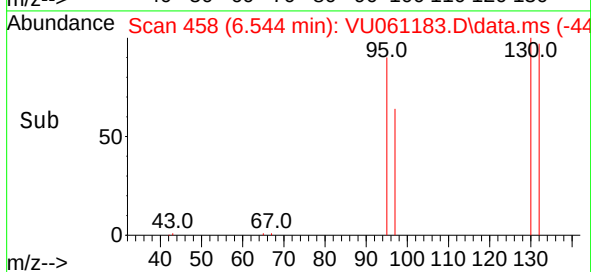
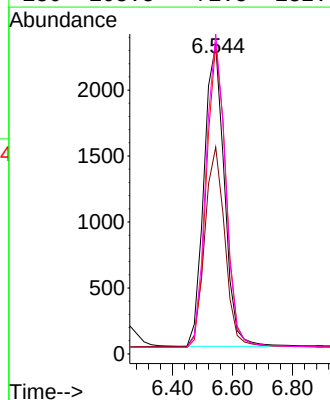
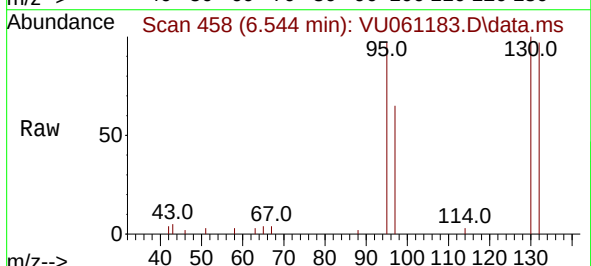
Instrument :  
 MSVOA\_U  
 ClientSampleId :

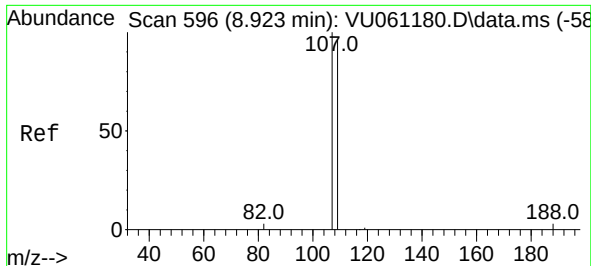
Tgt Ion: 62 Resp: 13832  
 Ion Ratio Lower Upper  
 62 100  
 64 33.4 23.4 43.6



#6  
 Trichloroethene  
 Concen: 0.522 ug/L  
 RT: 6.544 min Scan# 458  
 Delta R.T. -0.000 min  
 Lab File: VU061183.D  
 Acq: 22 Oct 2024 12:45

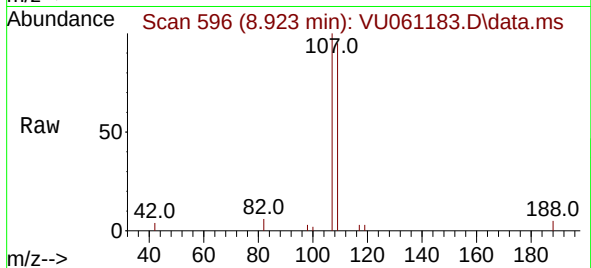
Tgt Ion: 95 Resp: 10767  
 Ion Ratio Lower Upper  
 95 100  
 97 67.0 47.4 88.0  
 132 100.5 69.8 129.6  
 130 103.5 71.5 132.9



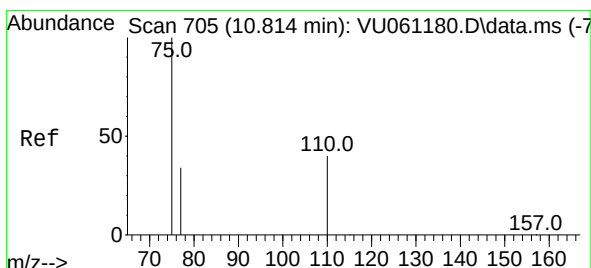
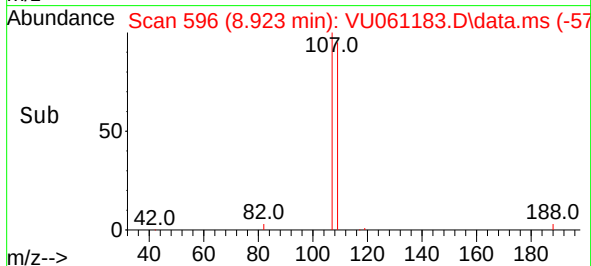
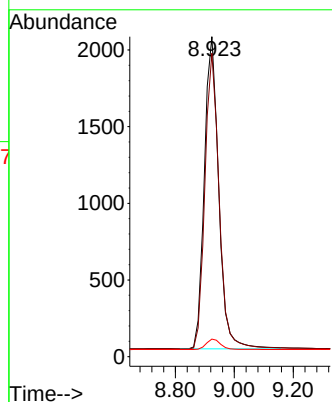


#9  
1,2-Dibromoethane  
Concen: 0.531 ug/L  
RT: 8.923 min Scan# 596  
Delta R.T. 0.000 min  
Lab File: VU061183.D  
Acq: 22 Oct 2024 12:45

Instrument :  
MSVOA\_U  
ClientSampleId :

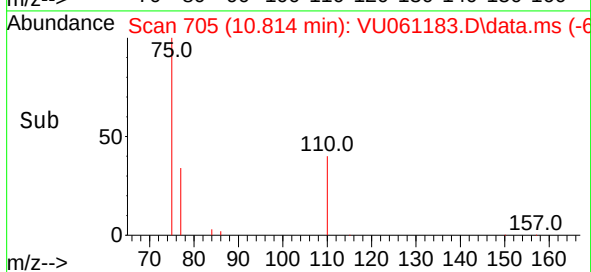
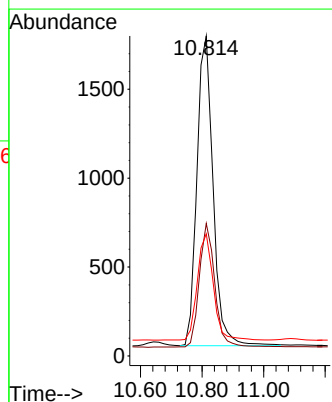
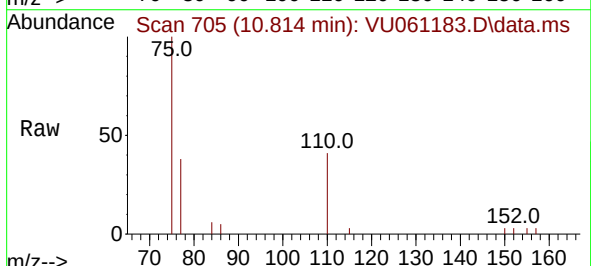


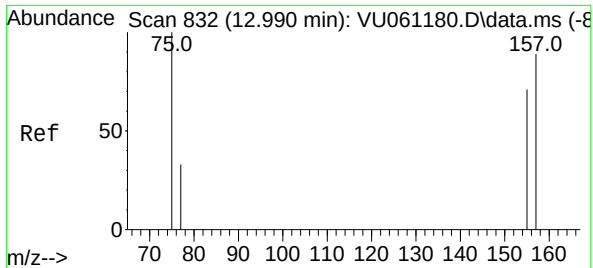
Tgt Ion:107 Resp: 6908  
Ion Ratio Lower Upper  
107 100  
109 94.8 66.9 124.3  
188 5.5 4.3 6.5



#12  
1,2,3-Trichloropropane  
Concen: 0.546 ug/L  
RT: 10.814 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VU061183.D  
Acq: 22 Oct 2024 12:45

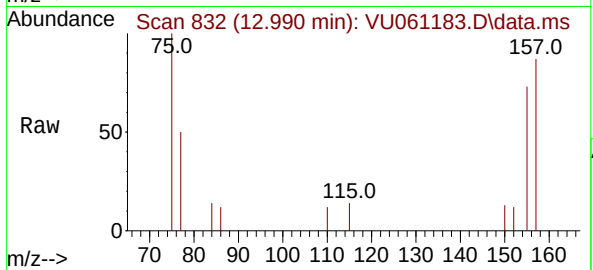
Tgt Ion: 75 Resp: 6343  
Ion Ratio Lower Upper  
75 100  
110 38.3 30.6 46.0  
77 33.9 28.0 42.0





#13  
 1,2-Dibromo-3-chloropropane  
 Concen: 0.569 ug/L  
 RT: 12.990 min Scan# 832  
 Delta R.T. -0.000 min  
 Lab File: VU061183.D  
 Acq: 22 Oct 2024 12:45

Instrument :  
 MSVOA\_U  
 ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 1295  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 157      | 87.0  | 70.3  | 105.5 |
| 155      | 73.1  | 58.2  | 87.4  |

