

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU091224\  
 Data File : VU060745.D  
 Acq On : 13 Sep 2024 10:30  
 Operator : MD/SY  
 Sample : VSTDCCC0.5EC  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Sep 13 10:46:46 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUSIM081624.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Aug 17 05:03:57 2024  
 Response via : Initial Calibration

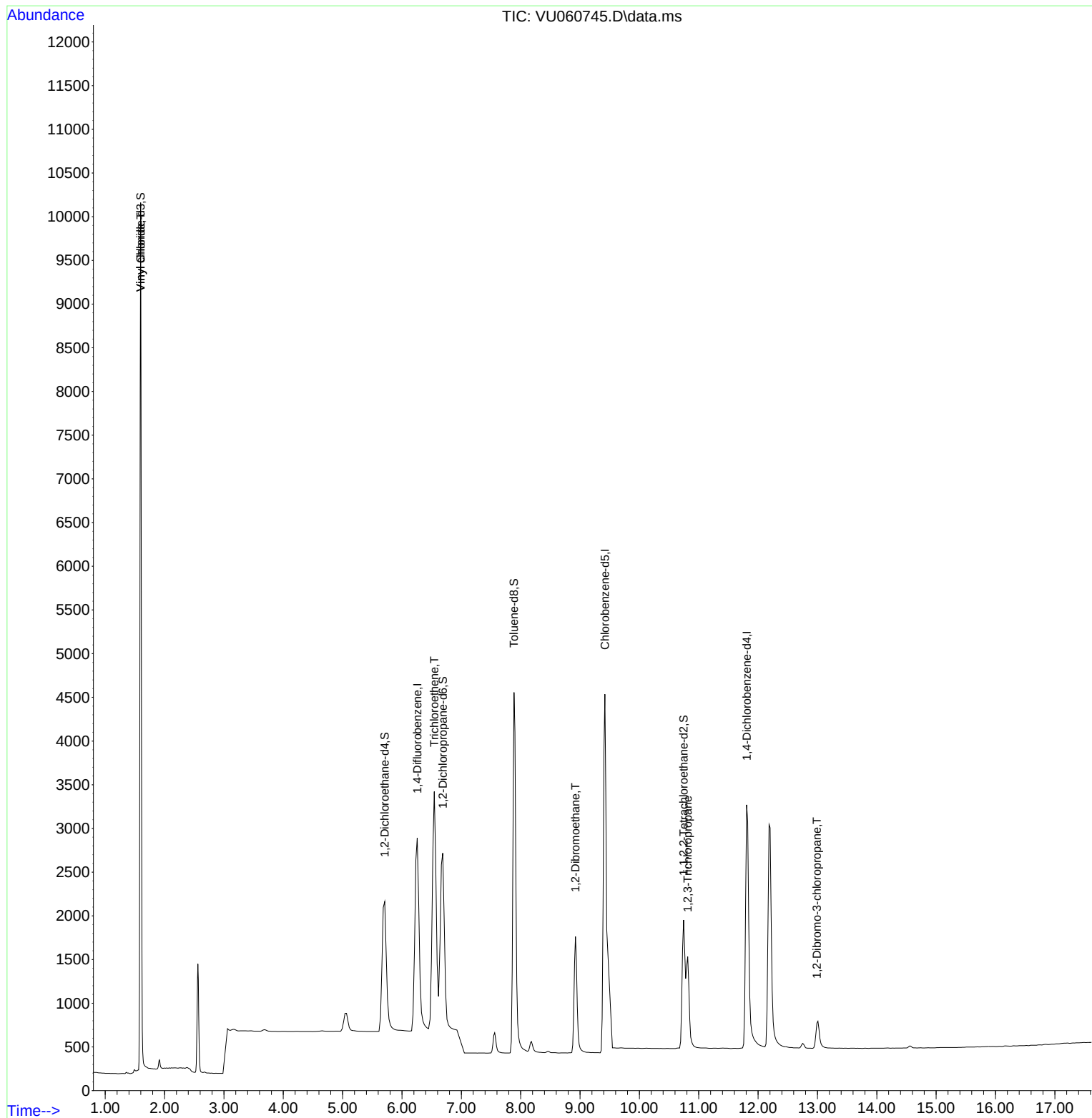
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.258  | 114   | 7920     | 0.500    | ug/L   | 0.00     |
| 5) Chlorobenzene-d5           | 9.419  | 117   | 11495    | 0.500    | ug/L   | 0.00     |
| 11) 1,4-Dichlorobenzene-d4    | 11.808 | 152   | 3375     | 0.500    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 2) Vinyl Chloride-d3          | 1.597  | 65    | 5615     | 0.436    | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 40 - 130 | Recovery | =      | 88.000%  |
| 4) 1,2-Dichloroethane-d4      | 5.709  | 65    | 3505     | 0.513    | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 70 - 130 | Recovery | =      | 102.000% |
| 7) 1,2-Dichloropropane-d6     | 6.687  | 67    | 3688     | 0.516    | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 60 - 140 | Recovery | =      | 104.000% |
| 8) Toluene-d8                 | 7.887  | 98    | 8307     | 0.563    | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 70 - 130 | Recovery | =      | 112.000% |
| 10) 1,1,2,2-Tetrachloroeth... | 10.745 | 84    | 3065     | 0.490    | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 65 - 120 | Recovery | =      | 98.000%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 3) Vinyl chloride             | 1.597  | 62    | 6354     | 0.470    | ug/L   | 98       |
| 6) Trichloroethene            | 6.544  | 95    | 3429     | 0.472    | ug/L   | 95       |
| 9) 1,2-Dibromoethane          | 8.924  | 107   | 2322     | 0.510    | ug/L   | 99       |
| 12) 1,2,3-Trichloropropane    | 10.814 | 75    | 2134     | 0.545    | ug/L   | 100      |
| 13) 1,2-Dibromo-3-chloropr... | 12.990 | 75    | 434      | 0.571    | ug/L   | 93       |
| -----                         |        |       |          |          |        |          |

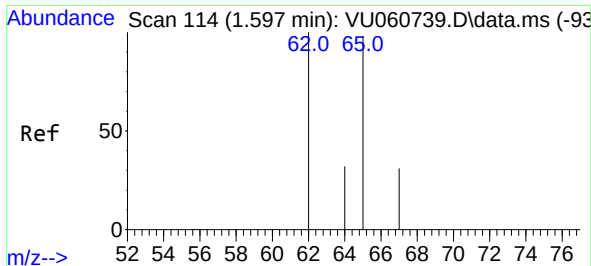
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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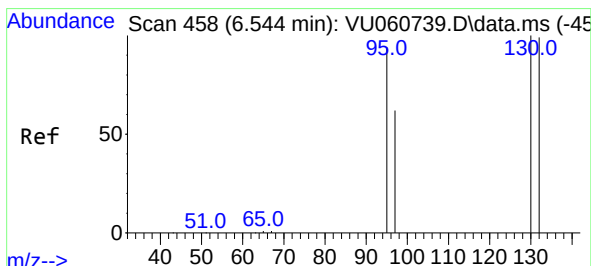
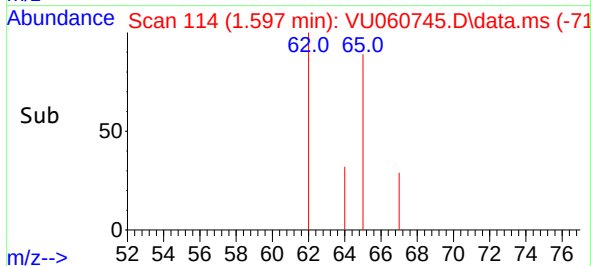
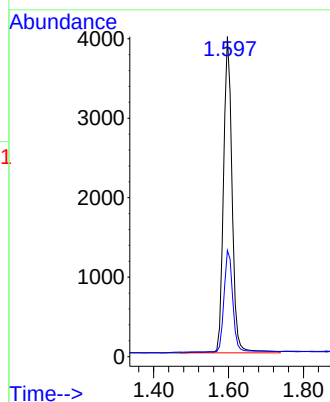
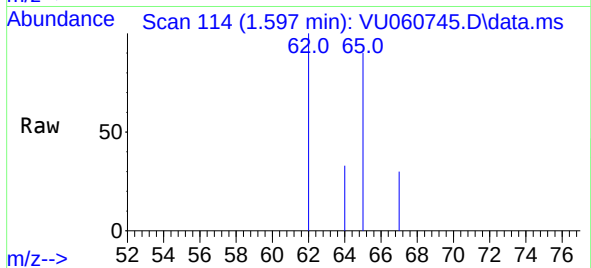




#3  
 Vinyl chloride  
 Concen: 0.470 ug/L  
 RT: 1.597 min Scan# 114  
 Delta R.T. -0.000 min  
 Lab File: VU060745.D  
 Acq: 13 Sep 2024 10:30

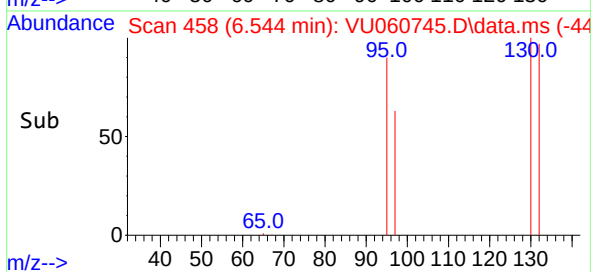
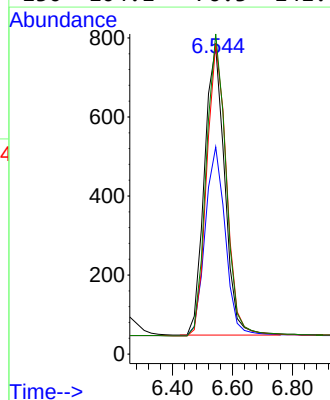
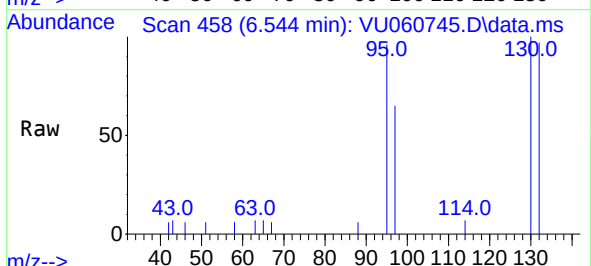
Instrument :  
 MSVOA\_U  
 ClientSampleId :

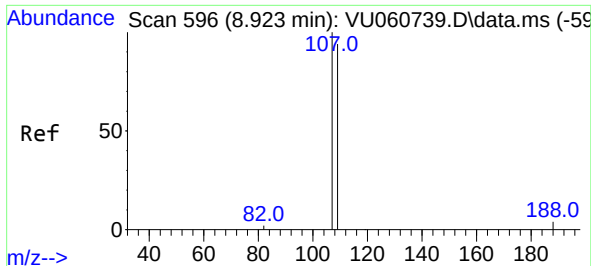
Tgt Ion: 62 Resp: 6354  
 Ion Ratio Lower Upper  
 62 100  
 64 33.2 23.9 44.3



#6  
 Trichloroethene  
 Concen: 0.472 ug/L  
 RT: 6.544 min Scan# 458  
 Delta R.T. -0.000 min  
 Lab File: VU060745.D  
 Acq: 13 Sep 2024 10:30

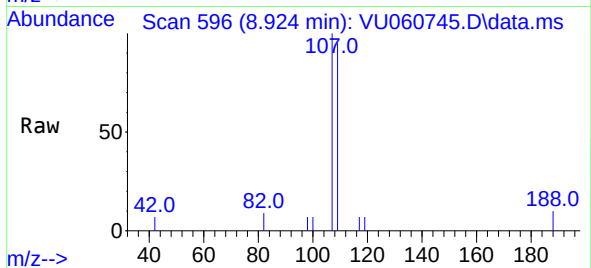
Tgt Ion: 95 Resp: 3429  
 Ion Ratio Lower Upper  
 95 100  
 97 67.4 48.5 90.1  
 132 101.0 75.5 140.1  
 130 104.1 76.3 141.7





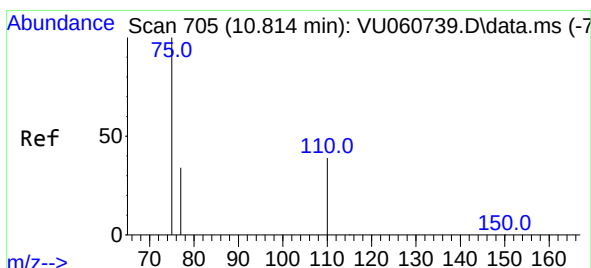
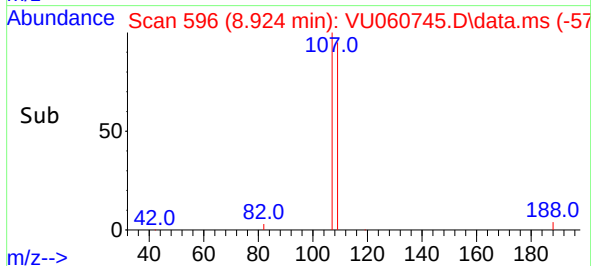
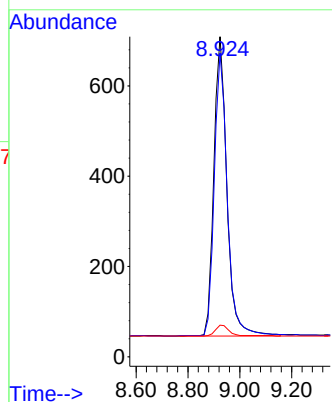
#9  
1,2-Dibromoethane  
Concen: 0.510 ug/L  
RT: 8.924 min Scan# 596  
Delta R.T. -0.000 min  
Lab File: VU060745.D  
Acq: 13 Sep 2024 10:30

Instrument :  
MSVOA\_U  
ClientSampleId :



Tgt Ion:107 Resp: 2322

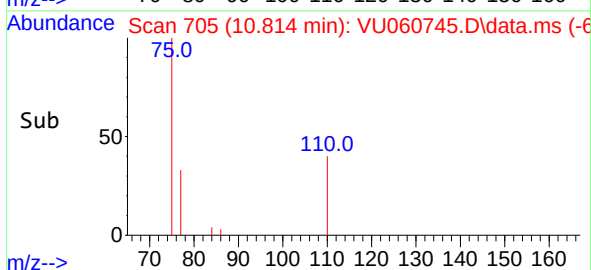
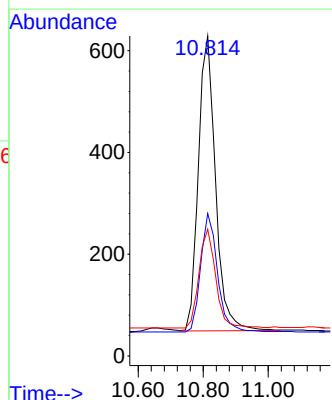
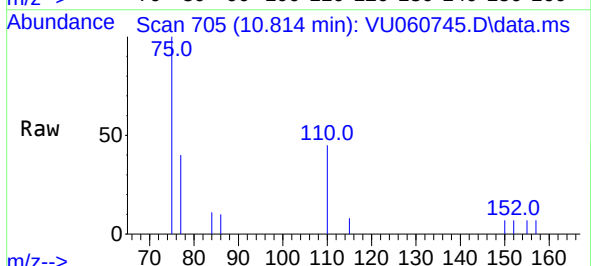
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 109 | 94.9  | 66.5  | 123.5 |
| 188 | 9.9   | 9.6   | 14.4  |

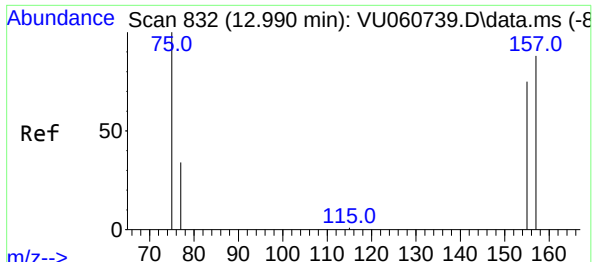


#12  
1,2,3-Trichloropropane  
Concen: 0.545 ug/L  
RT: 10.814 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VU060745.D  
Acq: 13 Sep 2024 10:30

Tgt Ion: 75 Resp: 2134

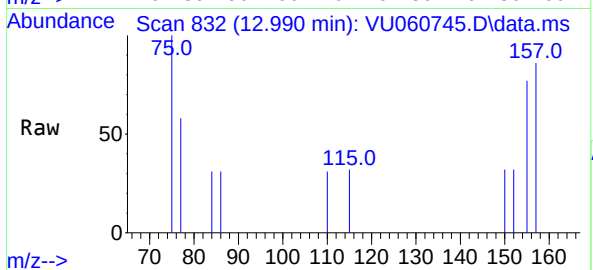
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 110 | 40.6  | 32.4  | 48.6  |
| 77  | 32.5  | 26.0  | 39.0  |





#13  
1,2-Dibromo-3-chloropropane  
Concen: 0.571 ug/L  
RT: 12.990 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: VU060745.D  
Acq: 13 Sep 2024 10:30

Instrument :  
MSVOA\_U  
ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 434   |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 157      | 86.0  | 74.3  | 111.5 |
| 155      | 77.3  | 66.2  | 99.2  |

