

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU091124\  
 Data File : VU060716.D  
 Acq On : 12 Sep 2024 12:46  
 Operator : MD/SY  
 Sample : VSTDCCC0.5EC  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Sep 13 05:23:09 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

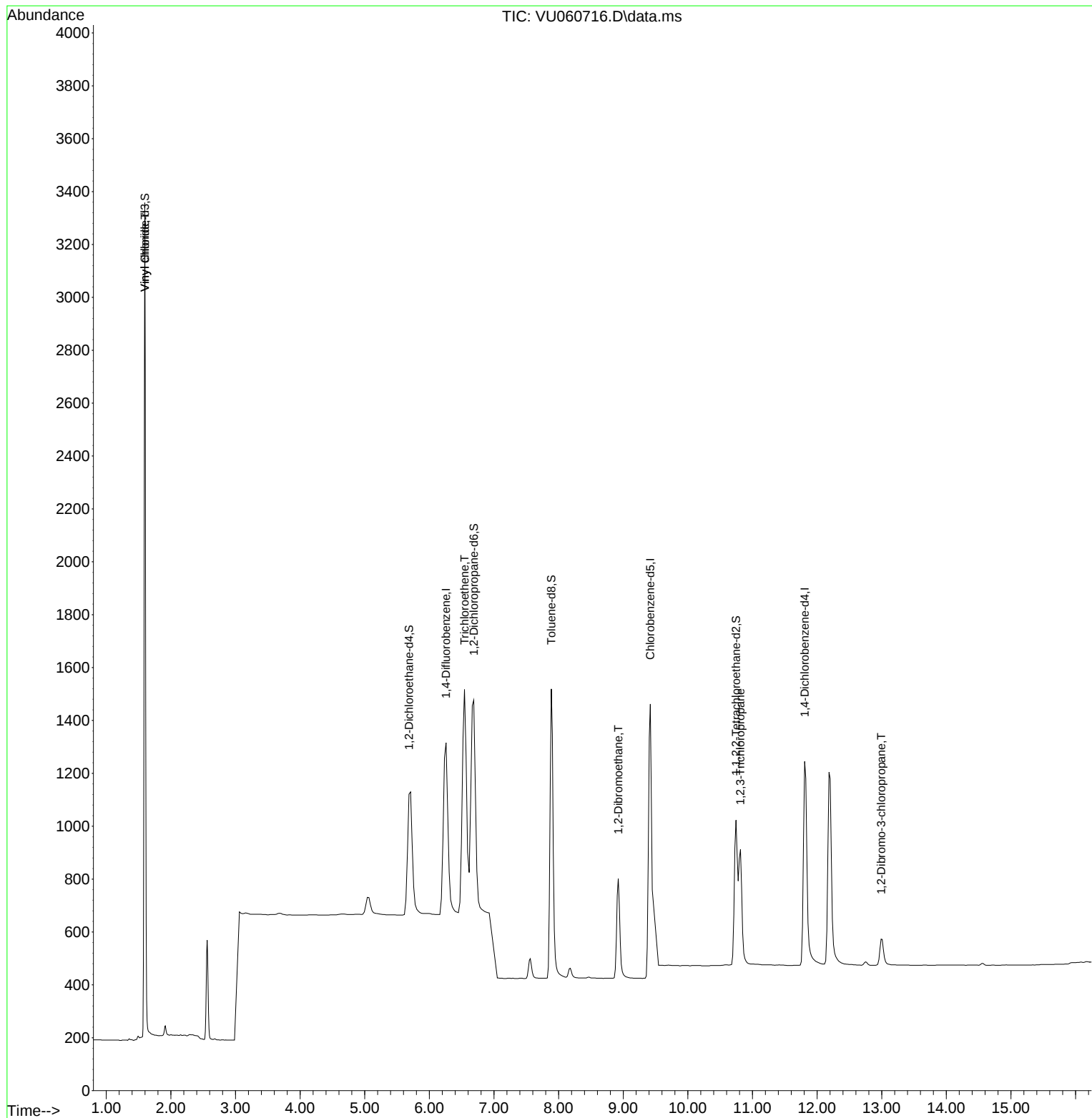
| Compound                      | R.T.           | QIon | Response   | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|--------|----------|
| -----                         |                |      |            |           |        |          |
| Internal Standards            |                |      |            |           |        |          |
| 1) 1,4-Difluorobenzene        | 6.258          | 114  | 2329       | 0.500     | ug/L   | 0.00     |
| 5) Chlorobenzene-d5           | 9.419          | 117  | 3313       | 0.500     | ug/L   | 0.00     |
| 11) 1,4-Dichlorobenzene-d4    | 11.808         | 152  | 954        | 0.500     | ug/L   | 0.00     |
| System Monitoring Compounds   |                |      |            |           |        |          |
| 2) Vinyl Chloride-d3          | 1.597          | 65   | 1727       | 0.456     | ug/L   | 0.00     |
| Spiked Amount 0.500           | Range 40 - 130 |      | Recovery = | 92.000%   |        |          |
| 4) 1,2-Dichloroethane-d4      | 5.685          | 65   | 1138       | 0.567     | ug/L   | -0.02    |
| Spiked Amount 0.500           | Range 70 - 130 |      | Recovery = | 114.000%  |        |          |
| 7) 1,2-Dichloropropane-d6     | 6.687          | 67   | 1473       | 0.715     | ug/L   | 0.00     |
| Spiked Amount 0.500           | Range 60 - 140 |      | Recovery = | 144.000%# |        |          |
| 8) Toluene-d8                 | 7.887          | 98   | 2148       | 0.505     | ug/L   | 0.00     |
| Spiked Amount 0.500           | Range 70 - 130 |      | Recovery = | 100.000%  |        |          |
| 10) 1,1,2,2-Tetrachloroeth... | 10.745         | 84   | 1131       | 0.627     | ug/L   | 0.00     |
| Spiked Amount 0.500           | Range 65 - 120 |      | Recovery = | 126.000%# |        |          |
| Target Compounds              |                |      |            |           |        |          |
|                               |                |      |            |           | Qvalue |          |
| 3) Vinyl chloride             | 1.597          | 62   | 2057       | 0.517     | ug/L   | 98       |
| 6) Trichloroethene            | 6.544          | 95   | 1065       | 0.509     | ug/L   | 97       |
| 9) 1,2-Dibromoethane          | 8.924          | 107  | 664        | 0.506     | ug/L # | 95       |
| 12) 1,2,3-Trichloropropane    | 10.814         | 75   | 907        | 0.819     | ug/L   | 99       |
| 13) 1,2-Dibromo-3-chloropr... | 12.990         | 75   | 132        | 0.614     | ug/L   | 98       |
| -----                         |                |      |            |           |        |          |

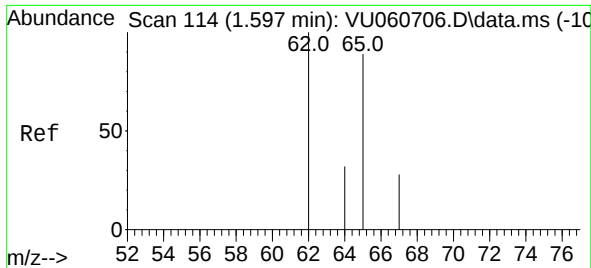
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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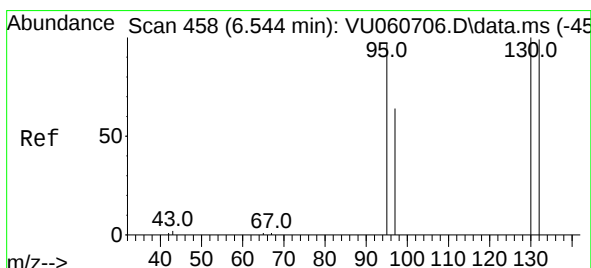
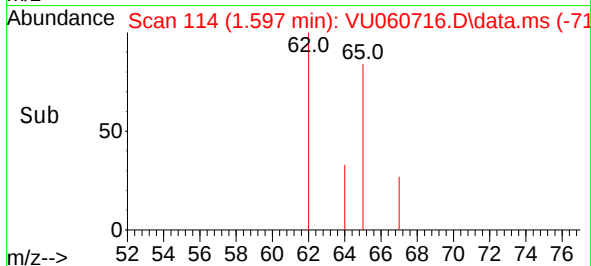
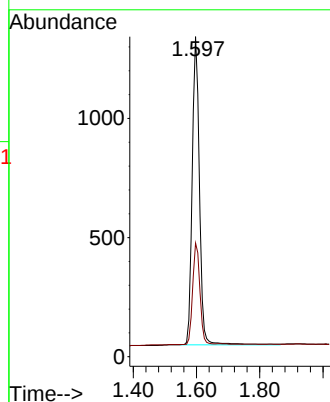
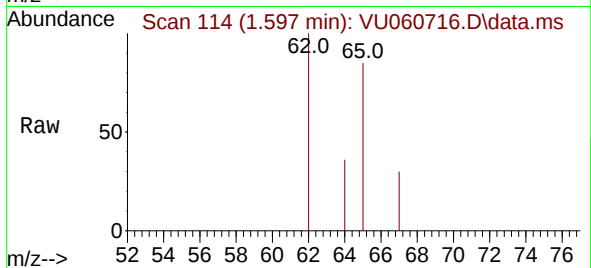




#3  
 Vinyl chloride  
 Concen: 0.517 ug/L  
 RT: 1.597 min Scan# 114  
 Delta R.T. 0.000 min  
 Lab File: VU060716.D  
 Acq: 12 Sep 2024 12:46

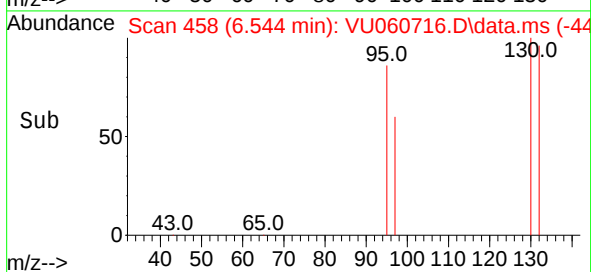
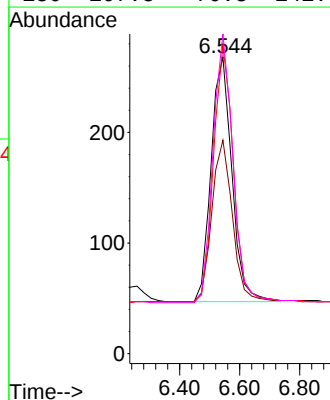
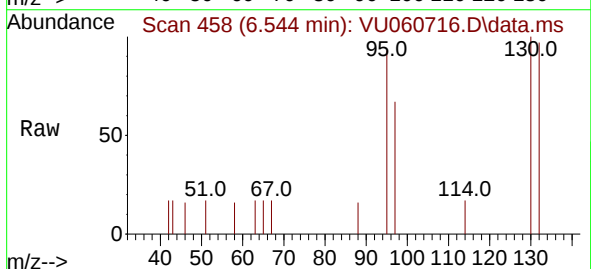
Instrument :  
 MSVOA\_U  
 ClientSampleId :

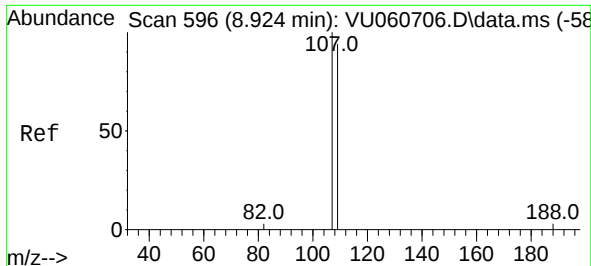
Tgt Ion: 62 Resp: 2057  
 Ion Ratio Lower Upper  
 62 100  
 64 35.5 23.9 44.3



#6  
 Trichloroethene  
 Concen: 0.509 ug/L  
 RT: 6.544 min Scan# 458  
 Delta R.T. 0.000 min  
 Lab File: VU060716.D  
 Acq: 12 Sep 2024 12:46

Tgt Ion: 95 Resp: 1065  
 Ion Ratio Lower Upper  
 95 100  
 97 72.0 48.5 90.1  
 132 104.1 75.5 140.1  
 130 107.8 76.3 141.7

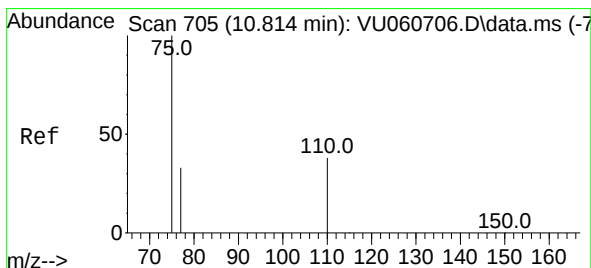
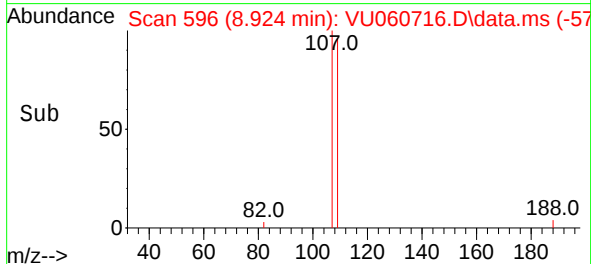
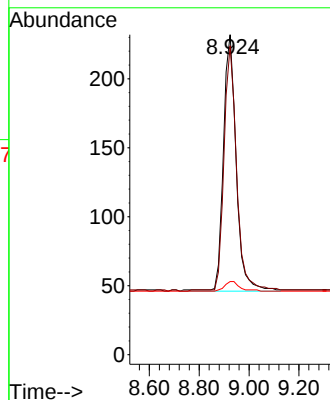
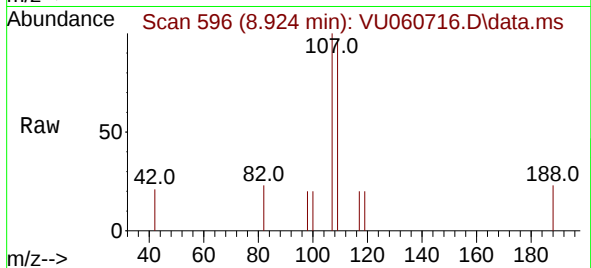




#9  
1,2-Dibromoethane  
Concen: 0.506 ug/L  
RT: 8.924 min Scan# 596  
Delta R.T. 0.000 min  
Lab File: VU060716.D  
Acq: 12 Sep 2024 12:46

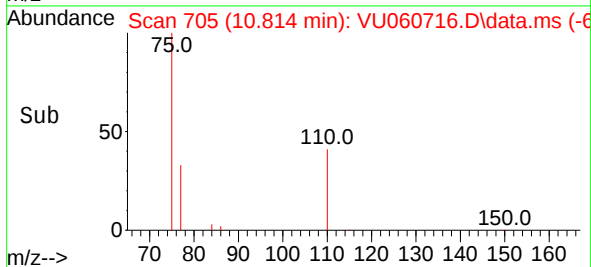
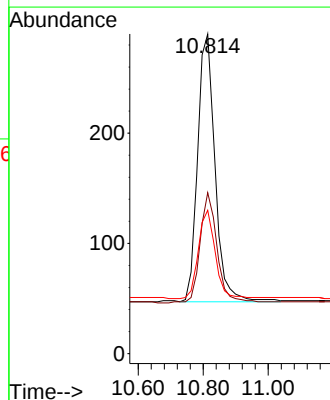
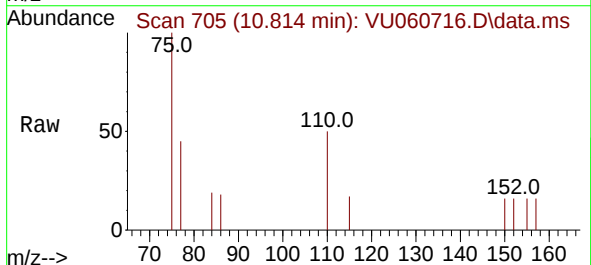
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ClientSampleId :

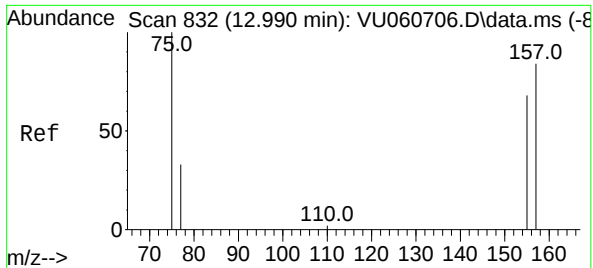
Tgt Ion:107 Resp: 664  
Ion Ratio Lower Upper  
107 100  
109 96.6 66.5 123.5  
188 22.8 9.6 14.4#



#12  
1,2,3-Trichloropropane  
Concen: 0.819 ug/L  
RT: 10.814 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VU060716.D  
Acq: 12 Sep 2024 12:46

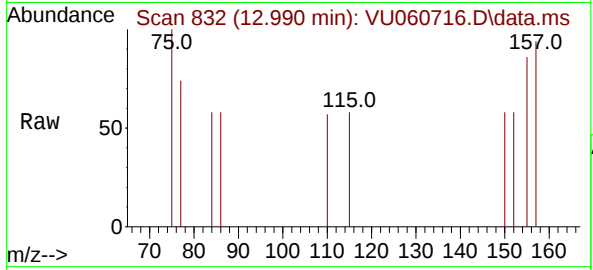
Tgt Ion: 75 Resp: 907  
Ion Ratio Lower Upper  
75 100  
110 40.1 32.4 48.6  
77 31.8 26.0 39.0





#13  
 1,2-Dibromo-3-chloropropane  
 Concen: 0.614 ug/L  
 RT: 12.990 min Scan# 81  
 Delta R.T. 0.000 min  
 Lab File: VU060716.D  
 Acq: 12 Sep 2024 12:46

Instrument :  
 MSVOA\_U  
 ClientSampleId :



|             |                 |
|-------------|-----------------|
| Tgt Ion: 75 | Resp: 132       |
| Ion Ratio   | Lower Upper     |
| 75          | 100             |
| 157         | 93.8 74.3 111.5 |
| 155         | 86.4 66.2 99.2  |

