

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU030524\  
 Data File : VU057983.D  
 Acq On : 05 Mar 2024 10:47  
 Operator : MD/SY  
 Sample : VSTD0.1  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Mar 06 01:29:10 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUSIM030524.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Mar 06 01:28:28 2024  
 Response via : Initial Calibration

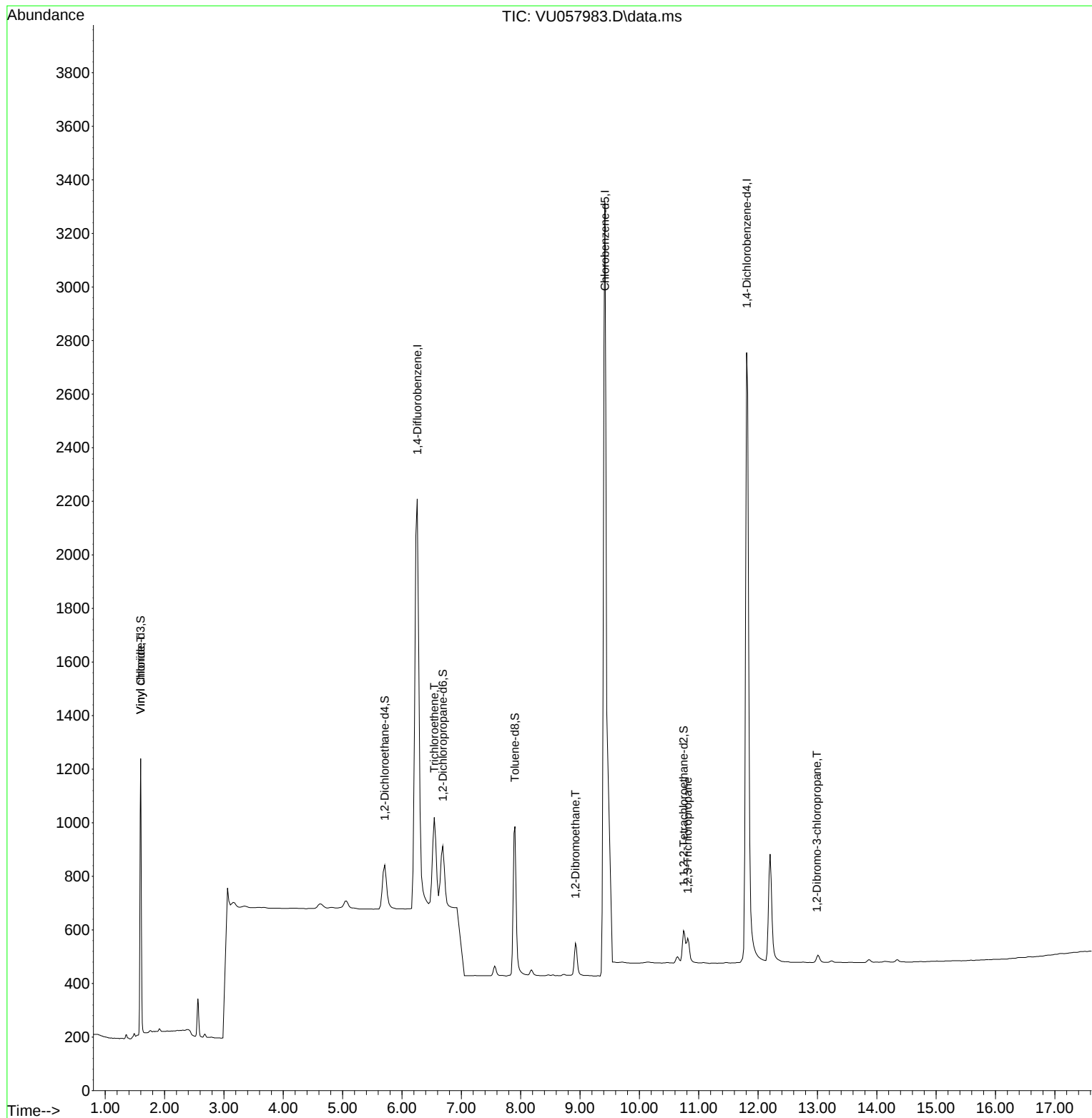
| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| Internal Standards            |        |      |          |       |        |          |
| 1) 1,4-Difluorobenzene        | 6.258  | 114  | 5240     | 0.500 | ug/L   | 0.00     |
| 5) Chlorobenzene-d5           | 9.419  | 117  | 7776     | 0.500 | ug/L   | 0.00     |
| 11) 1,4-Dichlorobenzene-d4    | 11.808 | 152  | 2542     | 0.500 | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |       |        |          |
| 2) Vinyl Chloride-d3          | 1.597  | 65   | 608      | 0.099 | ug/L   | 0.00     |
| 4) 1,2-Dichloroethane-d4      | 5.709  | 65   | 349      | 0.096 | ug/L   | 0.02     |
| 7) 1,2-Dichloropropane-d6     | 6.687  | 67   | 408      | 0.096 | ug/L   | 0.00     |
| 8) Toluene-d8                 | 7.903  | 98   | 1145     | 0.099 | ug/L   | 0.02     |
| 10) 1,1,2,2-Tetrachloroeth... | 10.745 | 84   | 256      | 0.096 | ug/L   | 0.00     |
| Target Compounds              |        |      |          |       |        |          |
|                               |        |      |          |       |        | Qvalue   |
| 3) Vinyl chloride             | 1.597  | 62   | 608      | 0.102 | ug/L   | 90       |
| 6) Trichloroethene            | 6.544  | 95   | 425      | 0.105 | ug/L   | 97       |
| 9) 1,2-Dibromoethane          | 8.924  | 107  | 205      | 0.099 | ug/L # | 88       |
| 12) 1,2,3-Trichloropropane    | 10.814 | 75   | 202      | 0.099 | ug/L   | 96       |
| 13) 1,2-Dibromo-3-chloropr... | 12.990 | 75   | 41       | 0.098 | ug/L   | 90       |
| -----                         |        |      |          |       |        |          |

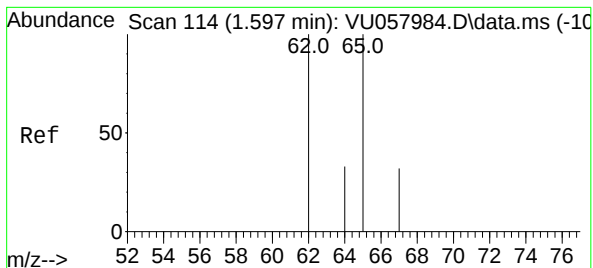
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Vinyl chloride

Concen: 0.102 ug/L

RT: 1.597 min Scan# 114

Delta R.T. 0.000 min

Lab File: VU057983.D

Acq: 05 Mar 2024 10:47

Instrument :

MSVOA\_U

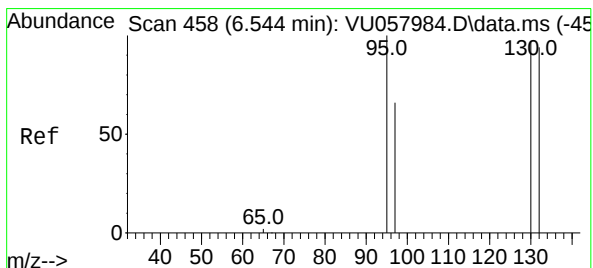
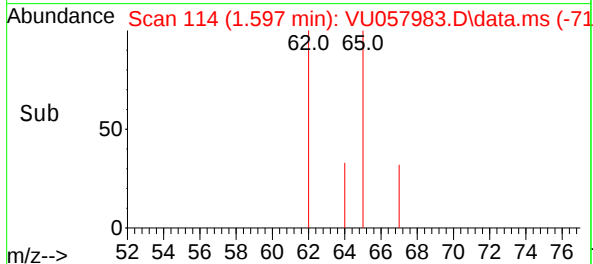
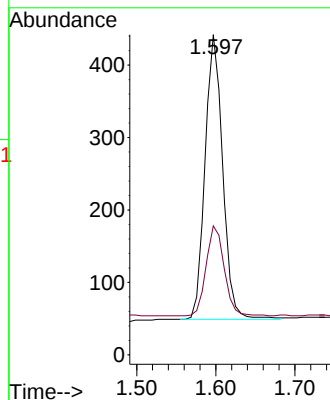
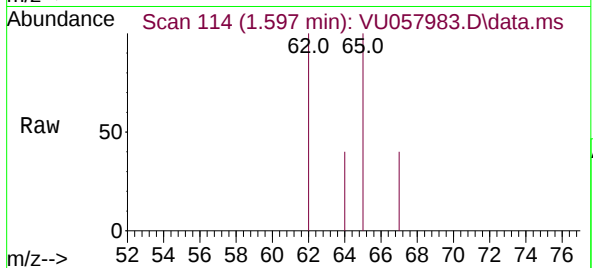
ClientSampleId :

Tgt Ion: 62 Resp: 608

Ion Ratio Lower Upper

62 100

64 40.3 24.1 44.8



#6

Trichloroethene

Concen: 0.105 ug/L

RT: 6.544 min Scan# 458

Delta R.T. 0.000 min

Lab File: VU057983.D

Acq: 05 Mar 2024 10:47

Tgt Ion: 95 Resp: 425

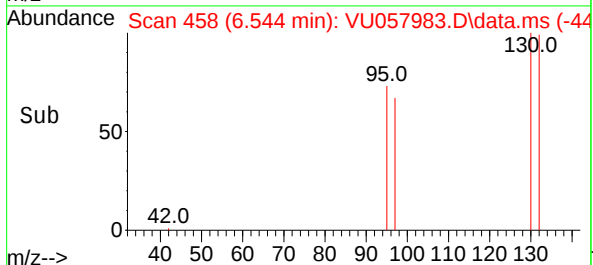
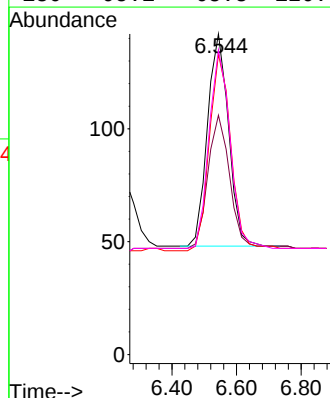
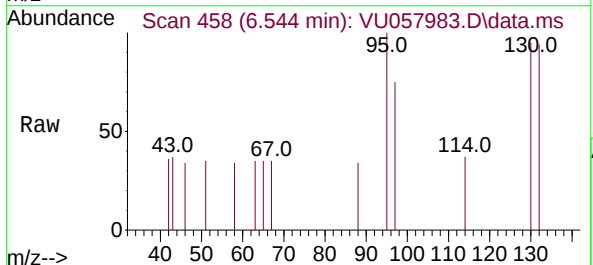
Ion Ratio Lower Upper

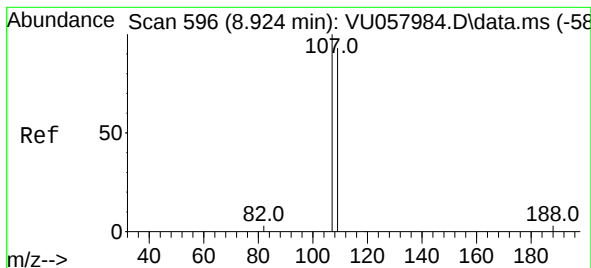
95 100

97 74.6 48.5 90.1

132 93.7 66.3 123.1

130 95.1 68.3 126.8





#9

1,2-Dibromoethane

Concen: 0.099 ug/L

RT: 8.924 min Scan# 596

Delta R.T. 0.000 min

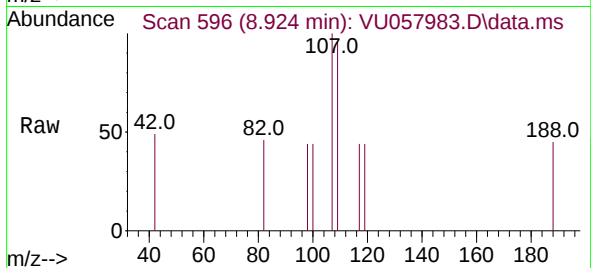
Lab File: VU057983.D

Acq: 05 Mar 2024 10:47

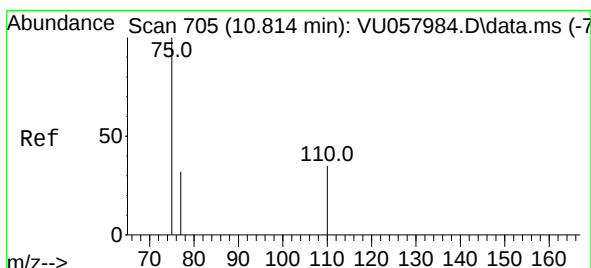
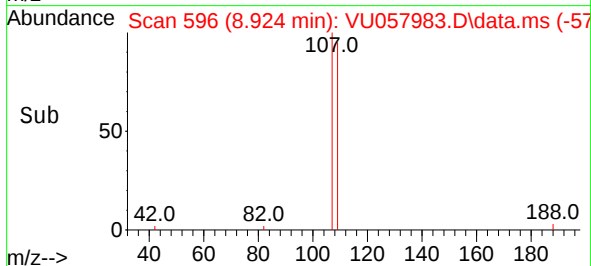
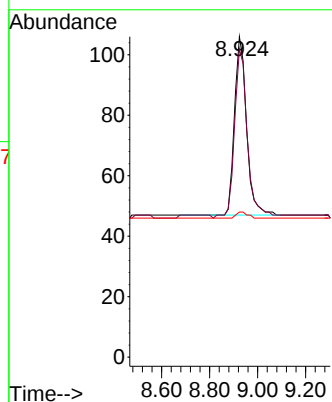
Instrument :

MSVOA\_U

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 205   |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 109      | 96.2  | 65.9  | 122.3 |
| 188      | 45.3  | 11.6  | 17.4# |



#12

1,2,3-Trichloropropane

Concen: 0.099 ug/L

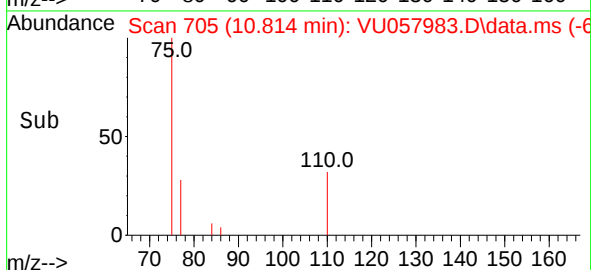
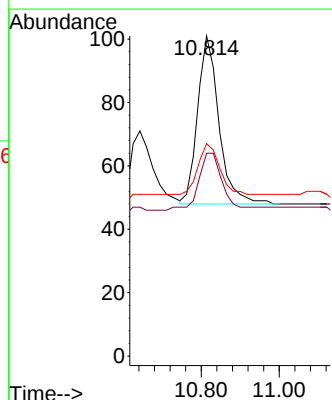
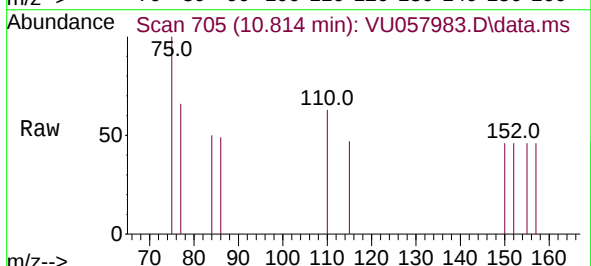
RT: 10.814 min Scan# 705

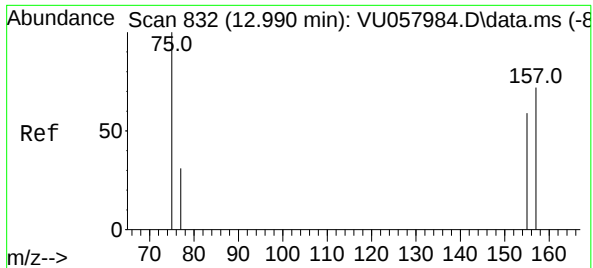
Delta R.T. 0.000 min

Lab File: VU057983.D

Acq: 05 Mar 2024 10:47

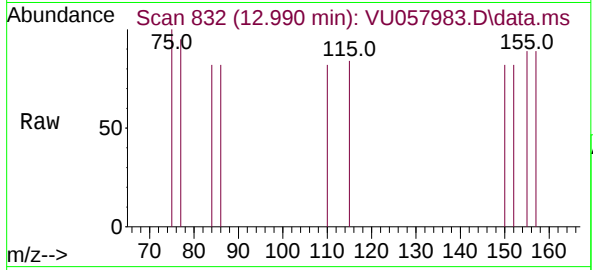
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 202   |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 37.1  | 27.9  | 41.9  |
| 77       | 30.2  | 25.8  | 38.8  |





#13  
 1,2-Dibromo-3-chloropropane  
 Concen: 0.098 ug/L  
 RT: 12.990 min Scan# 84  
 Delta R.T. 0.000 min  
 Lab File: VU057983.D  
 Acq: 05 Mar 2024 10:47

Instrument :  
 MSVOA\_U  
 ClientSampleId :



Tgt Ion: 75 Resp: 41

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 157 | 89.5  | 66.6  | 100.0 |
| 155 | 89.5  | 62.0  | 93.0  |

