

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV111022\  
 Data File : VV028860.D  
 Acq On : 10 Nov 2022 09:50  
 Operator : SY/MD  
 Sample : VSTD0.0514  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD0.05214

Quant Time: Nov 11 01:56:08 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVSIM111022.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Nov 11 01:55:41 2022  
 Response via : Initial Calibration

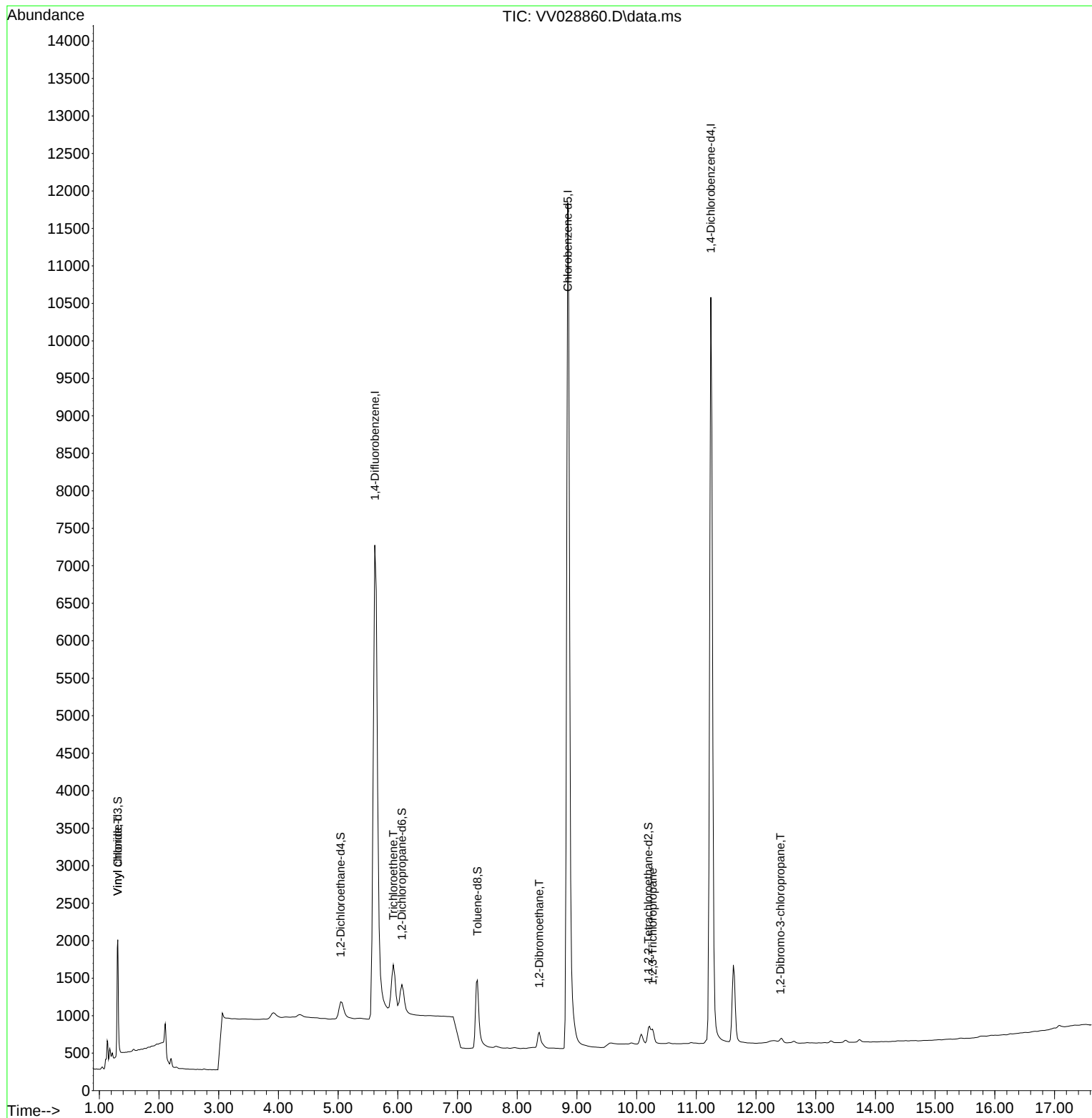
| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| Internal Standards            |        |      |          |       |        |          |
| 1) 1,4-Difluorobenzene        | 5.615  | 114  | 23833    | 0.500 | ug/L   | -0.02    |
| 5) Chlorobenzene-d5           | 8.848  | 117  | 21509    | 0.500 | ug/L   | -0.02    |
| 11) 1,4-Dichlorobenzene-d4    | 11.244 | 152  | 10643    | 0.500 | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |       |        |          |
| 2) Vinyl Chloride-d3          | 1.310  | 65   | 1004     | 0.044 | ug/L   | 0.00     |
| 4) 1,2-Dichloroethane-d4      | 5.042  | 65   | 596      | 0.043 | ug/L   | 0.00     |
| 7) 1,2-Dichloropropane-d6     | 6.068  | 67   | 770      | 0.044 | ug/L   | 0.00     |
| 8) Toluene-d8                 | 7.332  | 98   | 2262     | 0.046 | ug/L   | 0.02     |
| 10) 1,1,2,2-Tetrachloroeth... | 10.198 | 84   | 506      | 0.044 | ug/L   | 0.00     |
| Target Compounds              |        |      |          |       |        |          |
|                               |        |      |          |       | Qvalue |          |
| 3) Vinyl chloride             | 1.310  | 62   | 956      | 0.045 | ug/L # | 60       |
| 6) Trichloroethene            | 5.925  | 95   | 796      | 0.050 | ug/L   | 97       |
| 9) 1,2-Dibromoethane          | 8.368  | 107  | 438      | 0.047 | ug/L # | 89       |
| 12) 1,2,3-Trichloropropane    | 10.267 | 75   | 414      | 0.050 | ug/L   | 97       |
| 13) 1,2-Dibromo-3-chloropr... | 12.409 | 75   | 81       | 0.057 | ug/L   | 94       |
| -----                         |        |      |          |       |        |          |

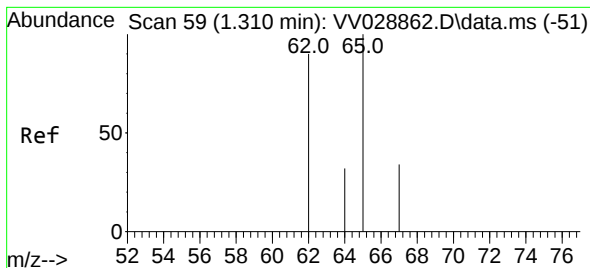
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0  
QLast Update : Fri Nov 11 01:55:41 2022  
Response via : Initial Calibration





#3

Vinyl chloride

Concen: 0.045 ug/L

RT: 1.310 min Scan# 59

Delta R.T. -0.000 min

Lab File: VV028860.D

Acq: 10 Nov 2022 09:50

Instrument :

MSVOA\_V

ClientSampleId :

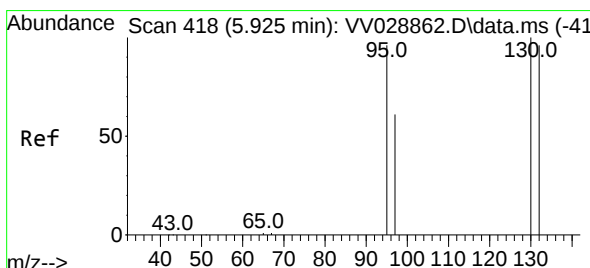
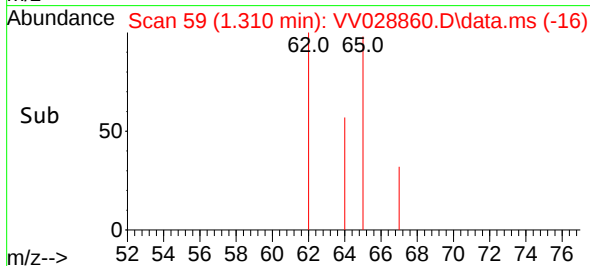
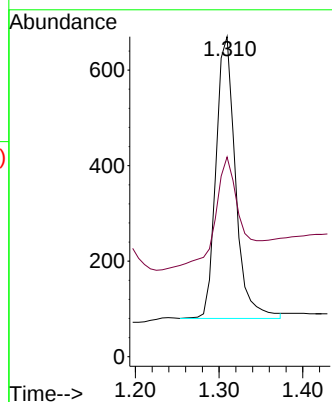
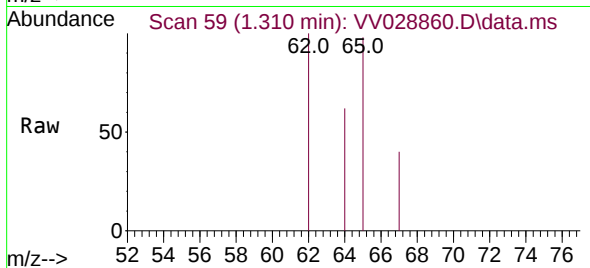
VSTD0.05214

Tgt Ion: 62 Resp: 956

Ion Ratio Lower Upper

62 100

64 62.4 26.8 49.8#



#6

Trichloroethene

Concen: 0.050 ug/L

RT: 5.925 min Scan# 418

Delta R.T. -0.000 min

Lab File: VV028860.D

Acq: 10 Nov 2022 09:50

Tgt Ion: 95 Resp: 796

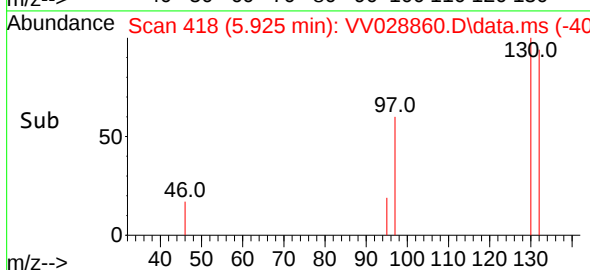
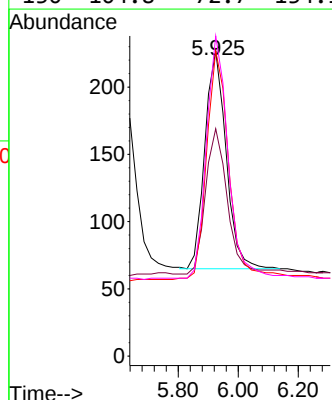
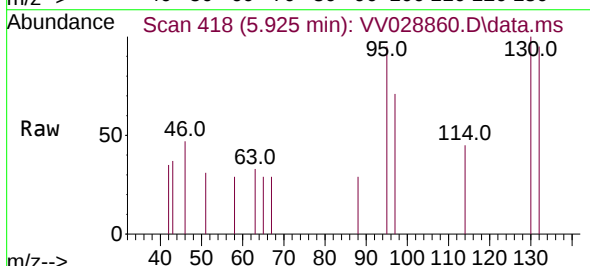
Ion Ratio Lower Upper

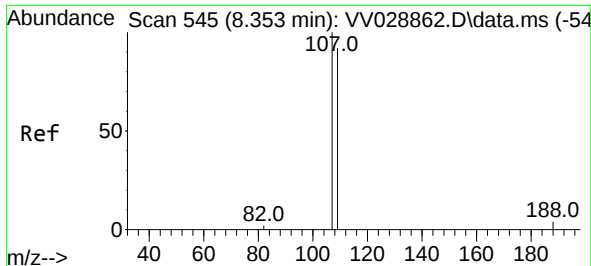
95 100

97 74.4 45.8 85.0

132 100.0 69.9 129.9

130 104.8 72.7 134.9

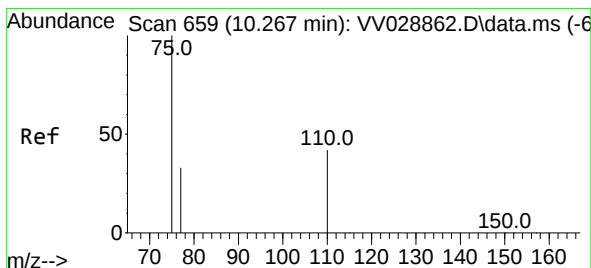
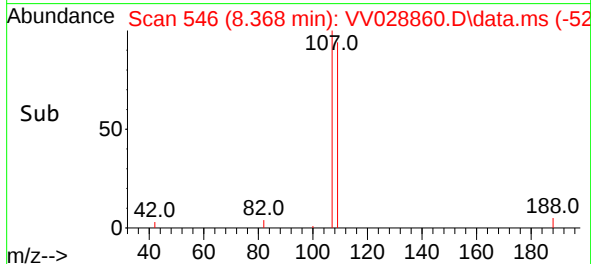
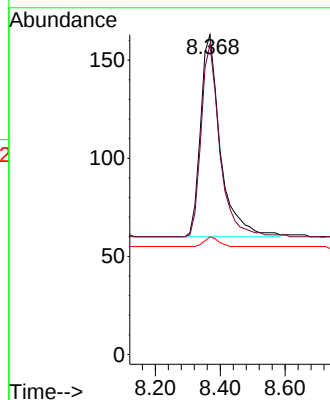
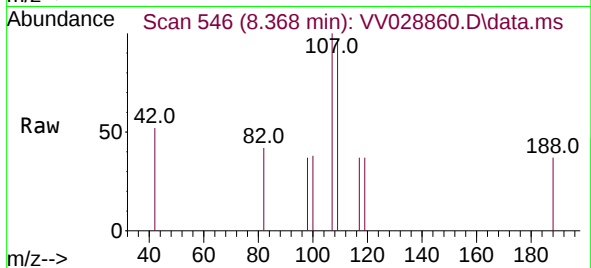




#9  
1,2-Dibromoethane  
Concen: 0.047 ug/L  
RT: 8.368 min Scan# 545  
Delta R.T. 0.015 min  
Lab File: VV028860.D  
Acq: 10 Nov 2022 09:50

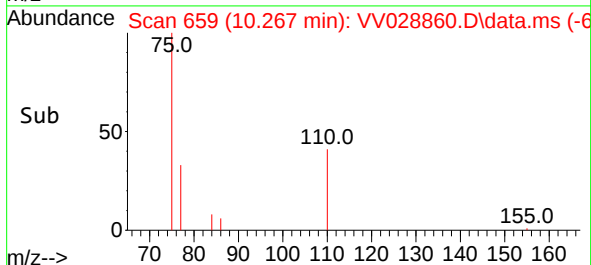
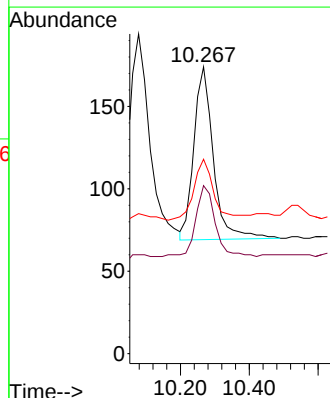
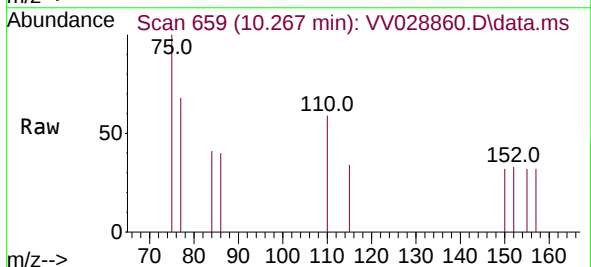
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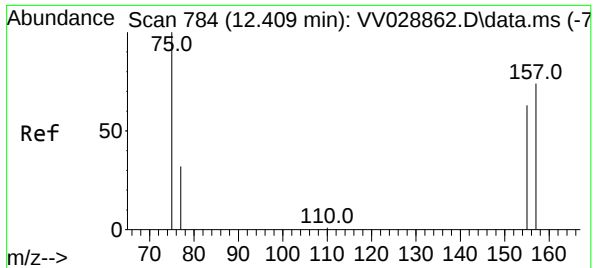
Tgt Ion:107 Resp: 438  
Ion Ratio Lower Upper  
107 100  
109 96.9 64.8 120.4  
188 36.8 6.6 9.8#



#12  
1,2,3-Trichloropropane  
Concen: 0.050 ug/L  
RT: 10.267 min Scan# 659  
Delta R.T. -0.000 min  
Lab File: VV028860.D  
Acq: 10 Nov 2022 09:50

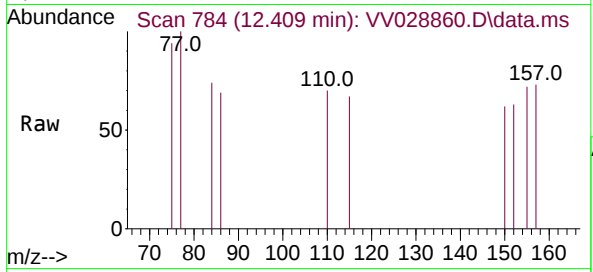
Tgt Ion: 75 Resp: 414  
Ion Ratio Lower Upper  
75 100  
110 40.3 32.8 49.2  
77 35.5 26.1 39.1





#13  
 1,2-Dibromo-3-chloropropane  
 Concen: 0.057 ug/L  
 RT: 12.409 min Scan# 784  
 Delta R.T. -0.000 min  
 Lab File: VV028860.D  
 Acq: 10 Nov 2022 09:50

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD0.05214



Tgt Ion: 75 Resp: 81

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 157 | 78.2  | 61.3  | 91.9  |
| 155 | 77.0  | 54.8  | 82.2  |

