

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV122421\  
 Data File : VV024158.D  
 Acq On : 24 Dec 2021 14:38  
 Operator : SY/MD  
 Sample : VSTD00247  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Dec 24 15:29:49 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVSIM122421.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Dec 24 15:27:15 2021  
 Response via : Initial Calibration

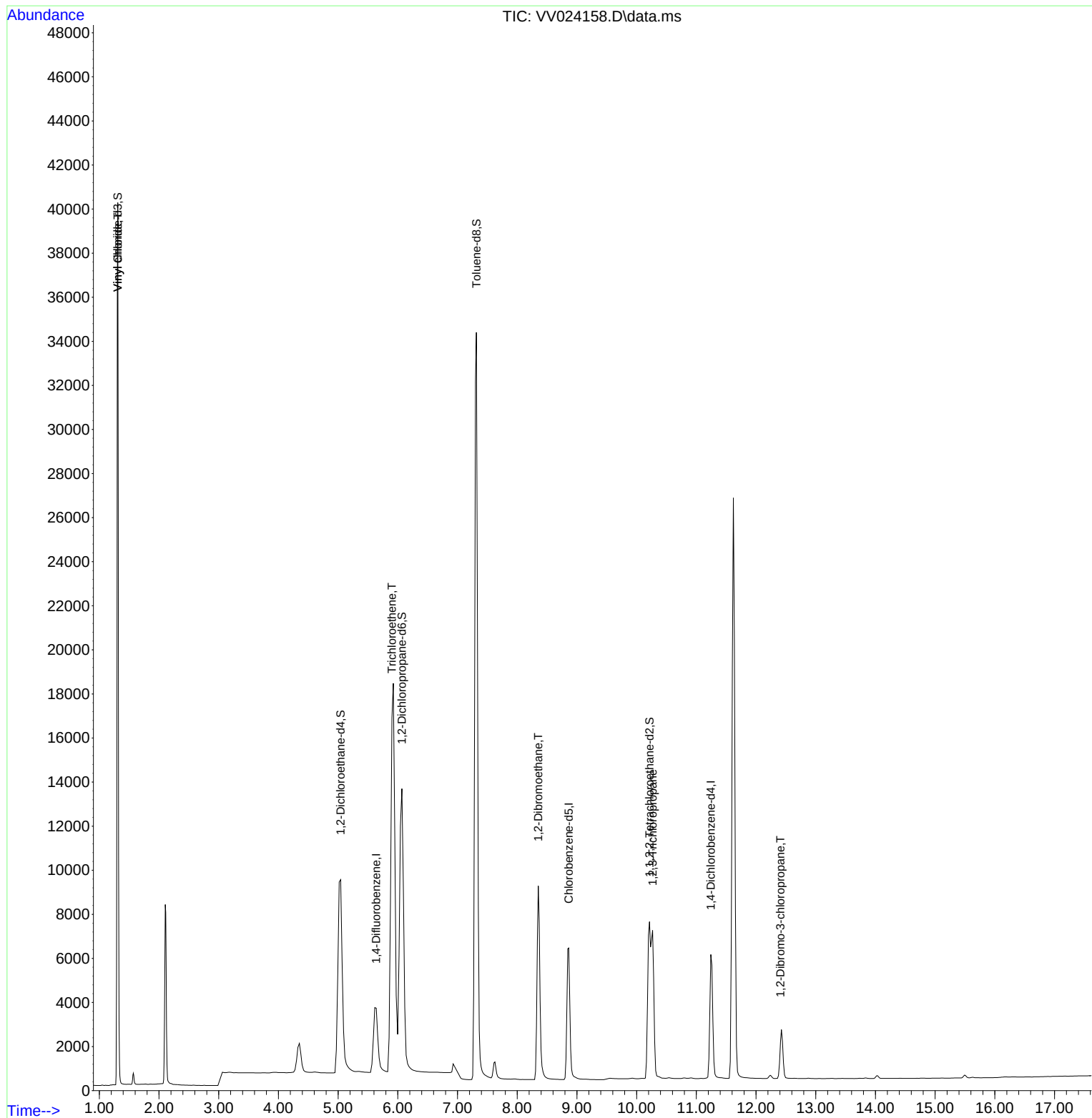
| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| Internal Standards            |        |      |          |       |        |          |
| 1) 1,4-Difluorobenzene        | 5.639  | 114  | 11531    | 0.500 | ug/L   | 0.00     |
| 5) Chlorobenzene-d5           | 8.863  | 117  | 11500    | 0.500 | ug/L   | 0.00     |
| 11) 1,4-Dichlorobenzene-d4    | 11.244 | 152  | 6040     | 0.500 | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |       |        |          |
| 2) Vinyl Chloride-d3          | 1.310  | 65   | 23022    | 1.603 | ug/L   | 0.00     |
| 4) 1,2-Dichloroethane-d4      | 5.042  | 65   | 20494    | 2.095 | ug/L   | 0.00     |
| 7) 1,2-Dichloropropane-d6     | 6.068  | 67   | 23039    | 2.077 | ug/L   | 0.00     |
| 8) Toluene-d8                 | 7.317  | 98   | 64645    | 2.067 | ug/L   | 0.00     |
| 10) 1,1,2,2-Tetrachloroeth... | 10.216 | 84   | 14209    | 2.022 | ug/L   | 0.00     |
| Target Compounds              |        |      |          |       |        |          |
|                               |        |      |          |       |        | Qvalue   |
| 3) Vinyl chloride             | 1.310  | 62   | 22462    | 1.605 | ug/L   | 97       |
| 6) Trichloroethene            | 5.901  | 95   | 22450    | 2.196 | ug/L   | 82       |
| 9) 1,2-Dibromoethane          | 8.353  | 107  | 14541    | 2.176 | ug/L # | 97       |
| 12) 1,2,3-Trichloropropane    | 10.267 | 75   | 12284    | 2.267 | ug/L   | 96       |
| 13) 1,2-Dibromo-3-chloropr... | 12.409 | 75   | 2083     | 2.089 | ug/L # | 60       |
| -----                         |        |      |          |       |        |          |

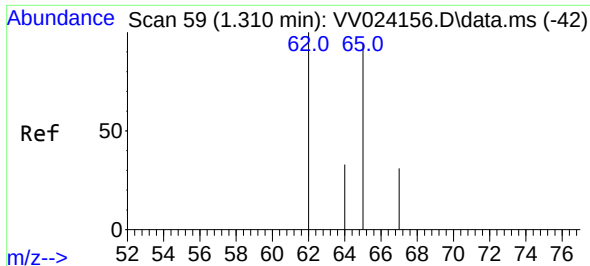
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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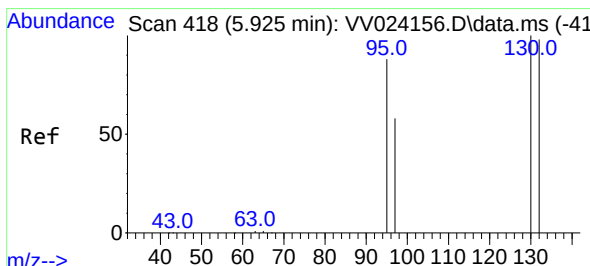
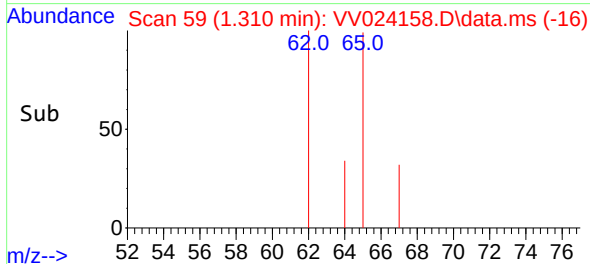
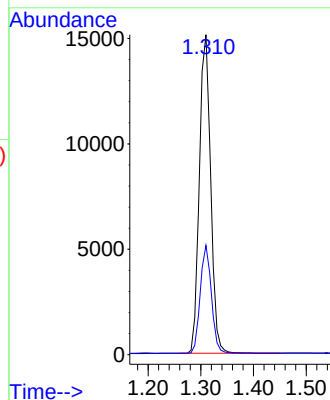
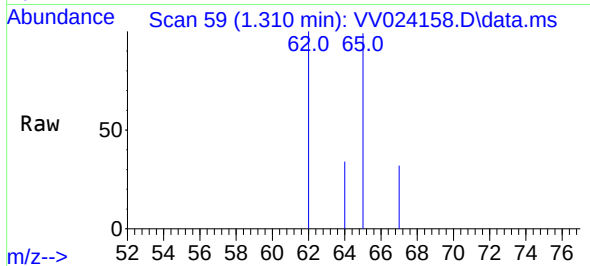




#3  
 Vinyl chloride  
 Concen: 1.605 ug/L  
 RT: 1.310 min Scan# 59  
 Delta R.T. 0.000 min  
 Lab File: VV024158.D  
 Acq: 24 Dec 2021 14:38

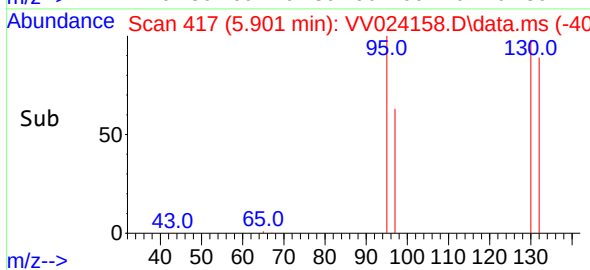
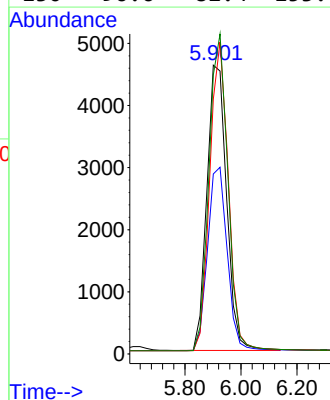
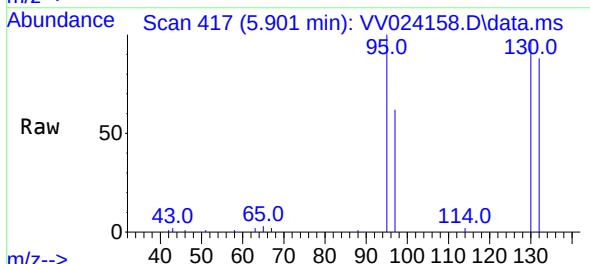
Instrument :  
 MSVOA\_V  
 ClientSampleId :

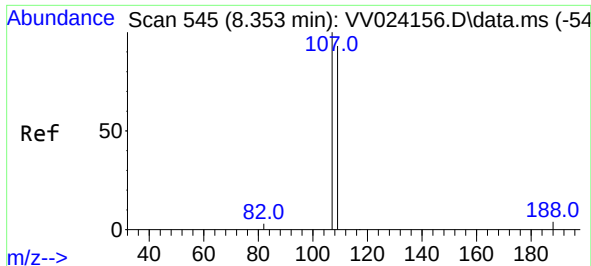
Tgt Ion: 62 Resp: 22462  
 Ion Ratio Lower Upper  
 62 100  
 64 34.2 25.3 46.9



#6  
 Trichloroethene  
 Concen: 2.196 ug/L  
 RT: 5.901 min Scan# 417  
 Delta R.T. -0.024 min  
 Lab File: VV024158.D  
 Acq: 24 Dec 2021 14:38

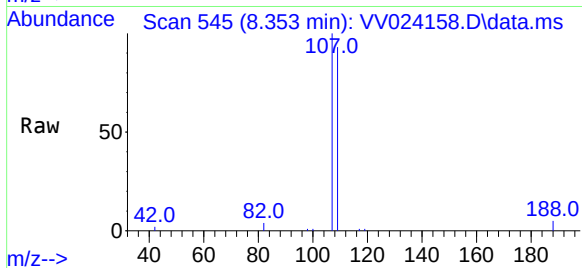
Tgt Ion: 95 Resp: 22450  
 Ion Ratio Lower Upper  
 95 100  
 97 62.3 47.9 89.1  
 132 88.3 79.9 148.3  
 130 96.6 82.4 153.0



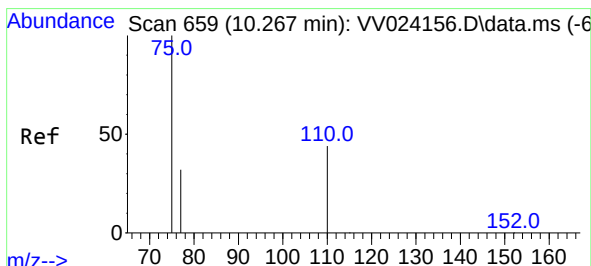
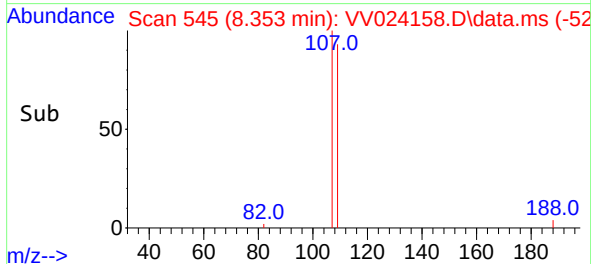
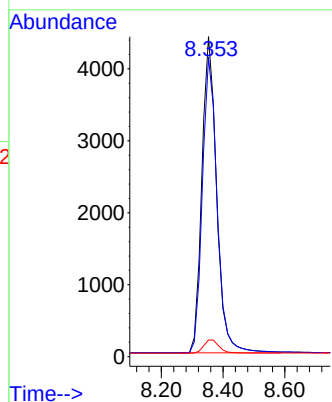


#9  
1,2-Dibromoethane  
Concen: 2.176 ug/L  
RT: 8.353 min Scan# 545  
Delta R.T. 0.000 min  
Lab File: VV024158.D  
Acq: 24 Dec 2021 14:38

Instrument :  
MSVOA\_V  
ClientSampleId :

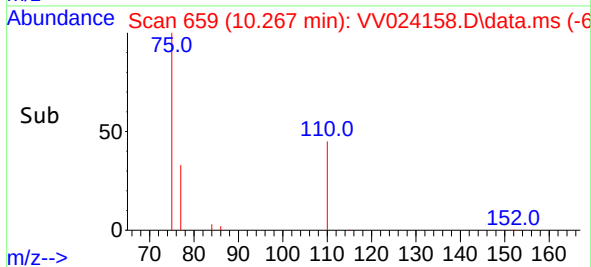
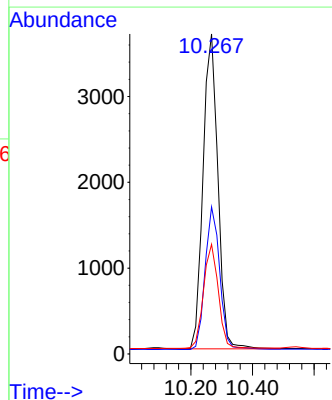
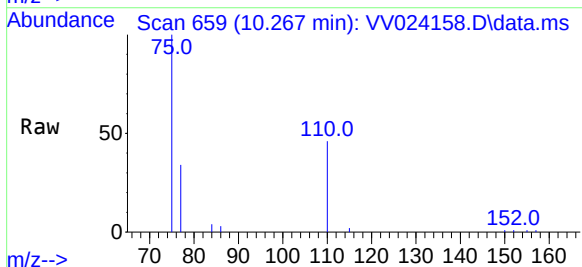


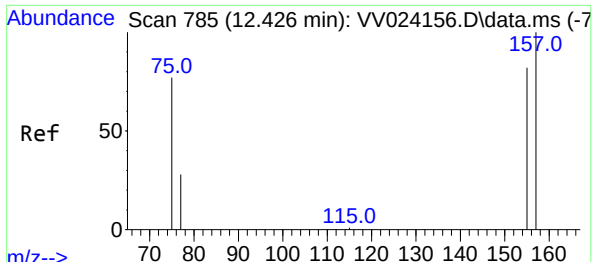
Tgt Ion:107 Resp: 14541  
Ion Ratio Lower Upper  
107 100  
109 93.5 64.7 120.1  
188 5.2 10.0 15.0#



#12  
1,2,3-Trichloropropane  
Concen: 2.267 ug/L  
RT: 10.267 min Scan# 659  
Delta R.T. 0.000 min  
Lab File: VV024158.D  
Acq: 24 Dec 2021 14:38

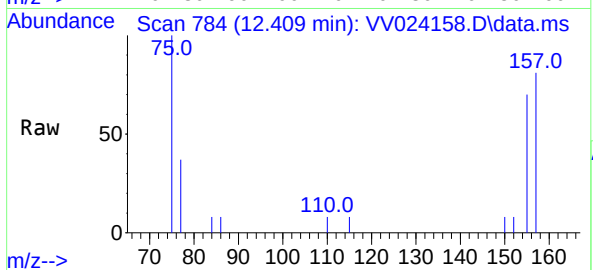
Tgt Ion: 75 Resp: 12284  
Ion Ratio Lower Upper  
75 100  
110 44.5 38.2 57.4  
77 33.1 27.8 41.6





#13  
 1,2-Dibromo-3-chloropropane  
 Concen: 2.089 ug/L  
 RT: 12.409 min Scan# 71  
 Delta R.T. -0.017 min  
 Lab File: VV024158.D  
 Acq: 24 Dec 2021 14:38

Instrument :  
 MSVOA\_V  
 ClientSampleId :



|             |                   |
|-------------|-------------------|
| Tgt Ion: 75 | Resp: 2083        |
| Ion Ratio   | Lower Upper       |
| 75          | 100               |
| 157         | 80.7 102.9 154.3# |
| 155         | 70.0 87.6 131.4#  |

