

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV101921\  
 Data File : VV022909.D  
 Acq On : 19 Oct 2021 10:51  
 Operator : SY/MD  
 Sample : VSTD0.526  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Oct 20 08:13:02 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVSIM101921.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Oct 20 08:12:23 2021  
 Response via : Initial Calibration

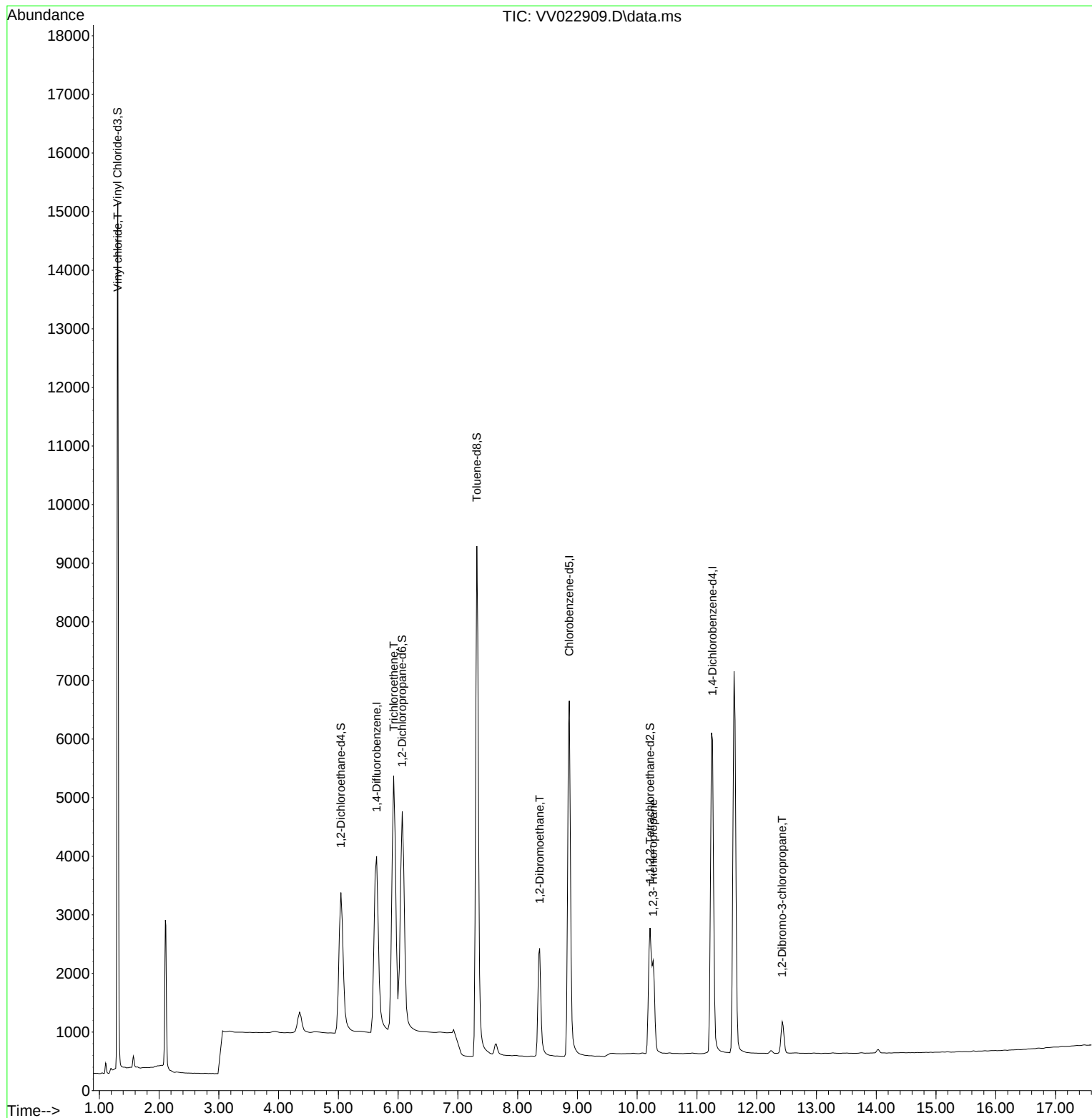
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Difluorobenzene        | 5.639  | 114  | 11446    | 0.500 | ug/L  | 0.00     |
| 5) Chlorobenzene-d5           | 8.863  | 117  | 11310    | 0.500 | ug/L  | 0.00     |
| 11) 1,4-Dichlorobenzene-d4    | 11.261 | 152  | 6081     | 0.500 | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 2) Vinyl Chloride-d3          | 1.303  | 65   | 9621     | 0.560 | ug/L  | 0.00     |
| 4) 1,2-Dichloroethane-d4      | 5.042  | 65   | 5148     | 0.544 | ug/L  | 0.00     |
| 7) 1,2-Dichloropropane-d6     | 6.068  | 67   | 6809     | 0.555 | ug/L  | 0.00     |
| 8) Toluene-d8                 | 7.317  | 98   | 16996    | 0.476 | ug/L  | 0.00     |
| 10) 1,1,2,2-Tetrachloroeth... | 10.216 | 84   | 4254     | 0.557 | ug/L  | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 3) Vinyl chloride             | 1.310  | 62   | 7409     | 0.619 | ug/L  | 100      |
| 6) Trichloroethene            | 5.925  | 95   | 5430     | 0.555 | ug/L  | 100      |
| 9) 1,2-Dibromoethane          | 8.368  | 107  | 3369     | 0.540 | ug/L  | 100      |
| 12) 1,2,3-Trichloropropane    | 10.267 | 75   | 2901     | 0.502 | ug/L  | 100      |
| 13) 1,2-Dibromo-3-chloropr... | 12.426 | 75   | 554      | 0.625 | ug/L  | 100      |
| -----                         |        |      |          |       |       |          |

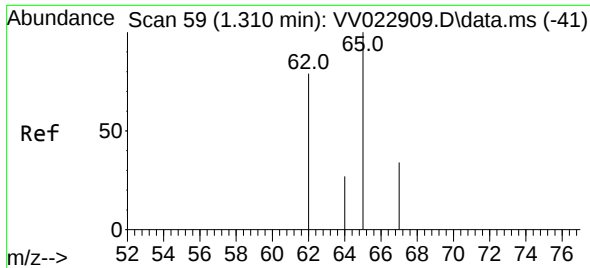
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0  
QLast Update : Wed Oct 20 08:12:23 2021  
Response via : Initial Calibration

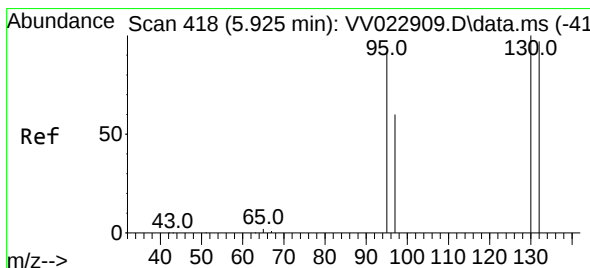
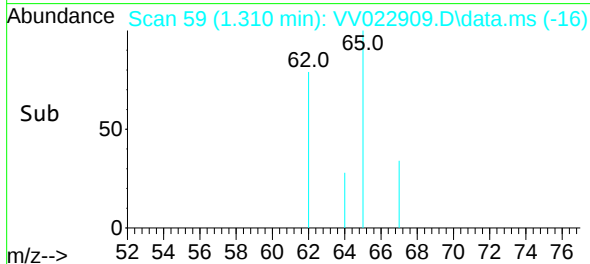
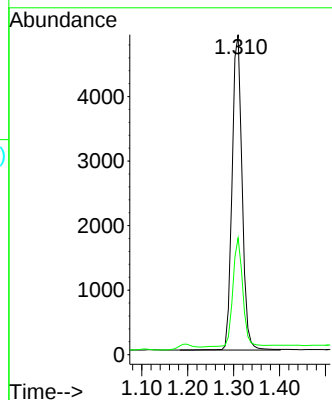
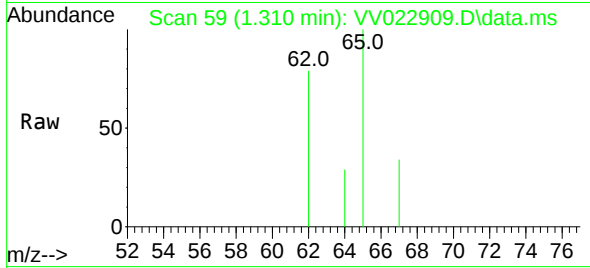




#3  
 Vinyl chloride  
 Concen: 0.619 ug/L  
 RT: 1.310 min Scan# 59  
 Delta R.T. 0.000 min  
 Lab File: VV022909.D  
 Acq: 19 Oct 2021 10:51

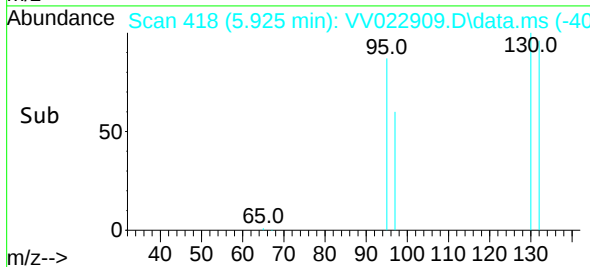
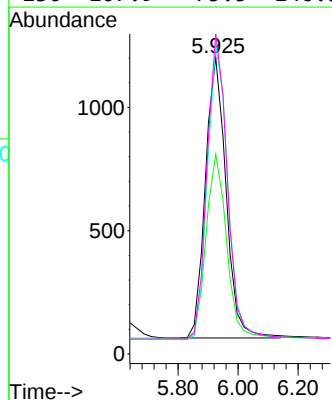
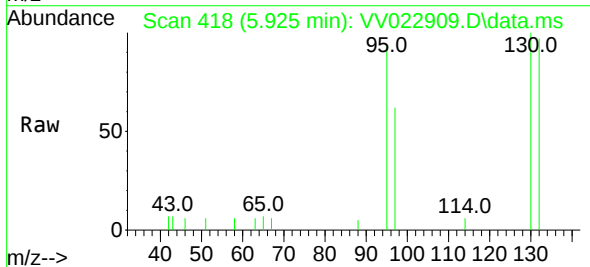
Instrument :  
 MSVOA\_V  
 ClientSampled :

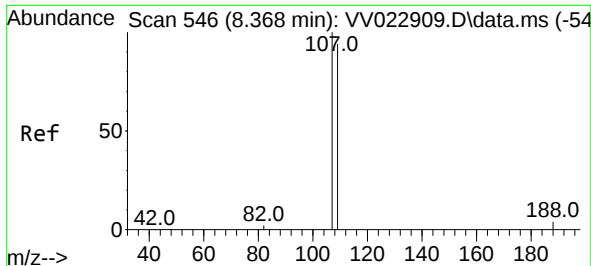
Tgt Ion: 62 Resp: 7409  
 Ion Ratio Lower Upper  
 62 100  
 64 36.5 25.6 47.4



#6  
 Trichloroethene  
 Concen: 0.555 ug/L  
 RT: 5.925 min Scan# 418  
 Delta R.T. 0.000 min  
 Lab File: VV022909.D  
 Acq: 19 Oct 2021 10:51

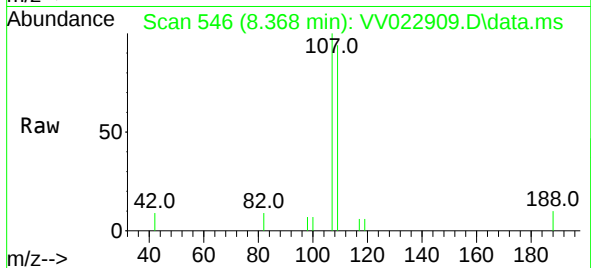
Tgt Ion: 95 Resp: 5430  
 Ion Ratio Lower Upper  
 95 100  
 97 67.3 47.1 87.5  
 132 104.3 73.0 135.6  
 130 107.9 75.5 140.3



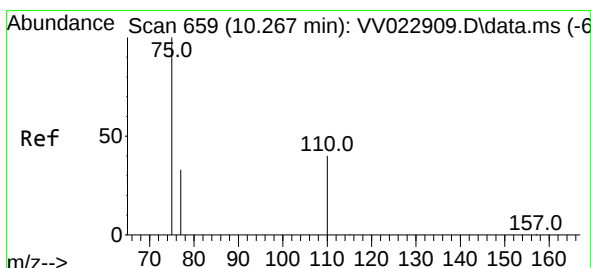
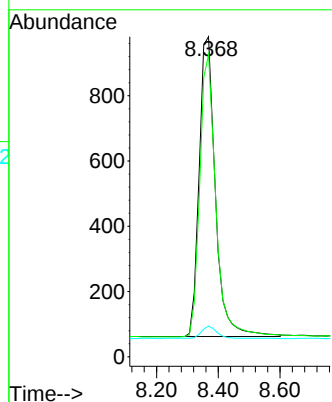
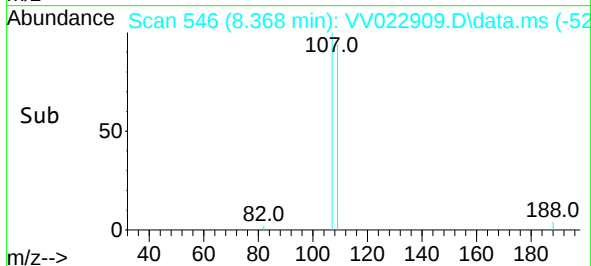


#9  
1,2-Dibromoethane  
Concen: 0.540 ug/L  
RT: 8.368 min Scan# 546  
Delta R.T. 0.000 min  
Lab File: VV022909.D  
Acq: 19 Oct 2021 10:51

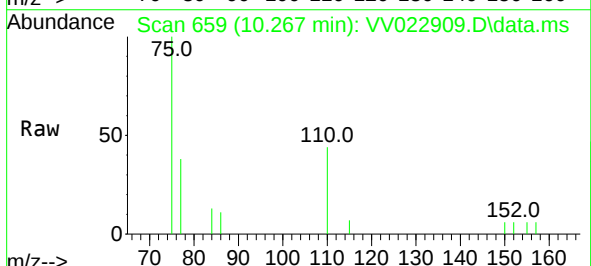
Instrument :  
MSVOA\_V  
ClientSampled :



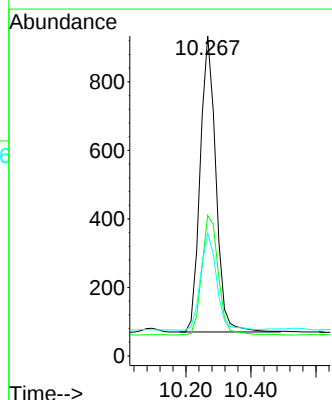
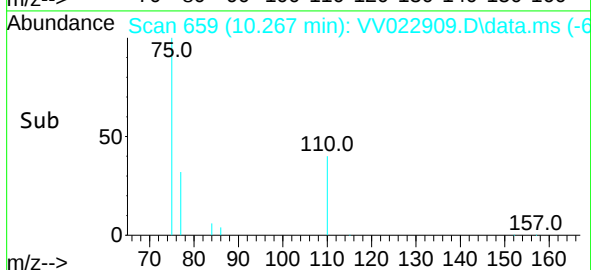
Tgt Ion:107 Resp: 3369  
Ion Ratio Lower Upper  
107 100  
109 94.4 66.1 122.7  
188 9.6 7.7 11.5

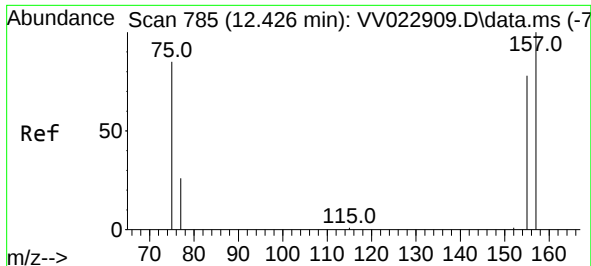


#12  
1,2,3-Trichloropropane  
Concen: 0.502 ug/L  
RT: 10.267 min Scan# 659  
Delta R.T. 0.000 min  
Lab File: VV022909.D  
Acq: 19 Oct 2021 10:51



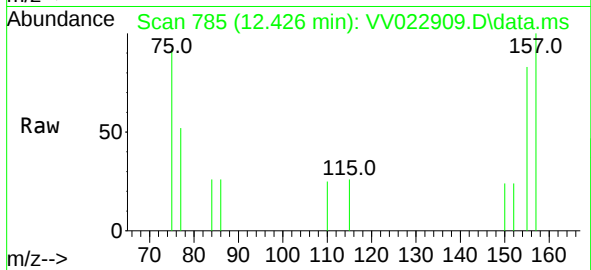
Tgt Ion: 75 Resp: 2901  
Ion Ratio Lower Upper  
75 100  
110 42.6 34.1 51.1  
77 33.6 26.9 40.3





#13  
 1,2-Dibromo-3-chloropropane  
 Concen: 0.625 ug/L  
 RT: 12.426 min Scan# 785  
 Delta R.T. 0.000 min  
 Lab File: VV022909.D  
 Acq: 19 Oct 2021 10:51

Instrument :  
 MSVOA\_V  
 ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 554   |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 157      | 108.4 | 86.7  | 130.1 |
| 155      | 89.9  | 71.9  | 107.9 |

