

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV052021\  
 Data File : VV021344.D  
 Acq On : 20 May 2021 12:35  
 Operator : SY/MD  
 Sample : VSTDICV0.5  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: May 21 05:08:18 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVSIM052021.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri May 21 05:04:41 2021  
 Response via : Initial Calibration

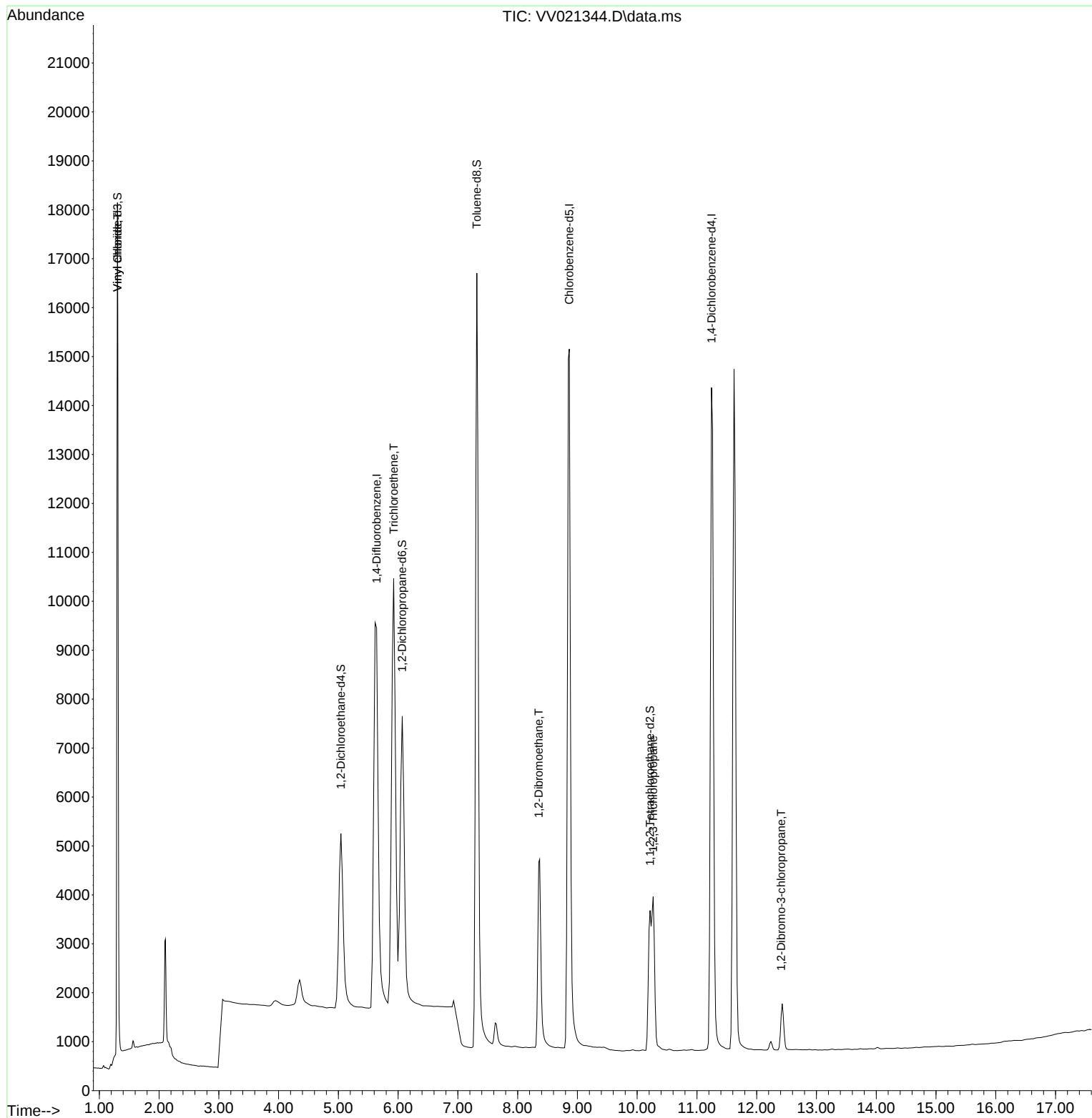
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.639  | 114   | 30323    | 0.50     | ug/L   | 0.00     |
| 5) Chlorobenzene-d5           | 8.863  | 117   | 27417    | 0.50     | ug/L   | 0.00     |
| 11) 1,4-Dichlorobenzene-d4    | 11.244 | 152   | 14878    | 0.50     | ug/L   | -0.02    |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 2) Vinyl Chloride-d3          | 1.303  | 65    | 7932     | 0.43     | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 40 - 130 | Recovery | =      | 86.00%   |
| 4) 1,2-Dichloroethane-d4      | 5.042  | 65    | 7778     | 0.50     | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 70 - 130 | Recovery | =      | 100.00%  |
| 7) 1,2-Dichloropropane-d6     | 6.068  | 67    | 10758    | 0.51     | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 60 - 140 | Recovery | =      | 102.00%  |
| 8) Toluene-d8                 | 7.317  | 98    | 30548    | 0.51     | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 70 - 130 | Recovery | =      | 102.00%  |
| 10) 1,1,2,2-Tetrachloroeth... | 10.216 | 84    | 5787     | 0.50     | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 65 - 120 | Recovery | =      | 100.00%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 3) Vinyl chloride             | 1.303  | 62    | 12611    | 0.50     | ug/L   | 100      |
| 6) Trichloroethene            | 5.925  | 95    | 11107    | 0.51     | ug/L   | 99       |
| 9) 1,2-Dibromoethane          | 8.353  | 107   | 7239     | 0.52     | ug/L   | 96       |
| 12) 1,2,3-Trichloropropane    | 10.267 | 75    | 5970     | 0.51     | ug/L   | 99       |
| 13) 1,2-Dibromo-3-chloropr... | 12.409 | 75    | 917      | 0.48     | ug/L   | 99       |
| -----                         |        |       |          |          |        |          |

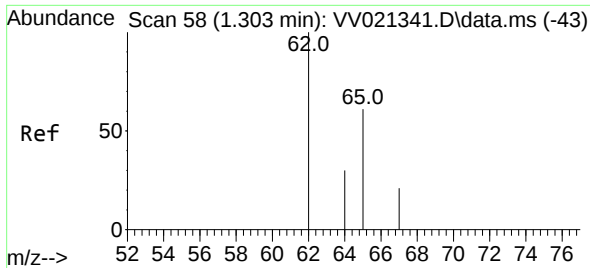
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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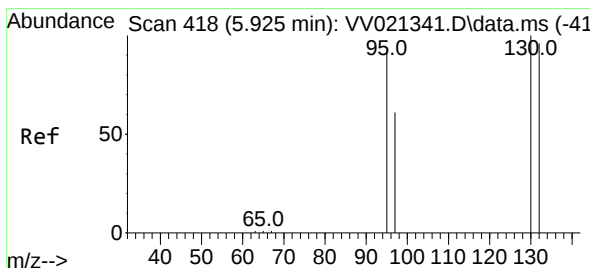
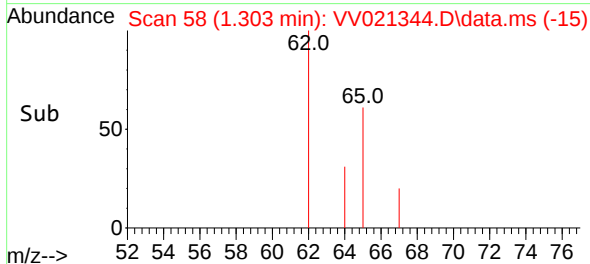
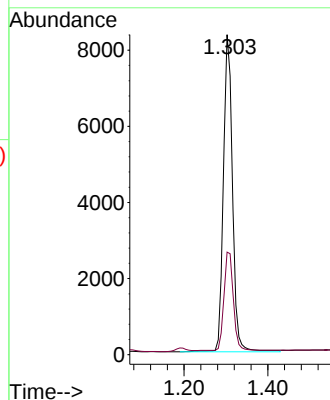
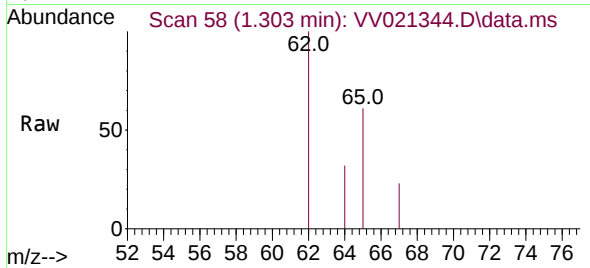




#3  
 Vinyl chloride  
 Concen: 0.50 ug/L  
 RT: 1.303 min Scan# 58  
 Delta R.T. 0.000 min  
 Lab File: VV021344.D  
 Acq: 20 May 2021 12:35

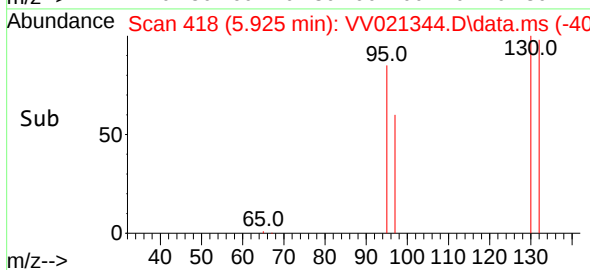
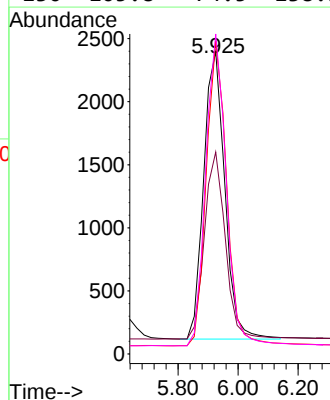
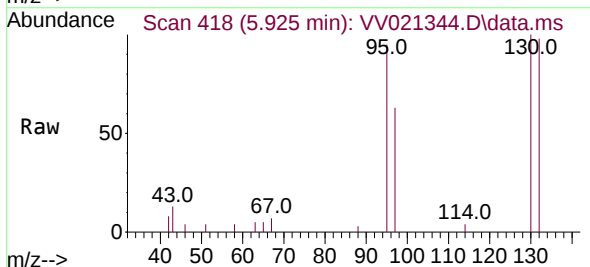
Instrument :  
 MSVOA\_V  
 ClientSampled :

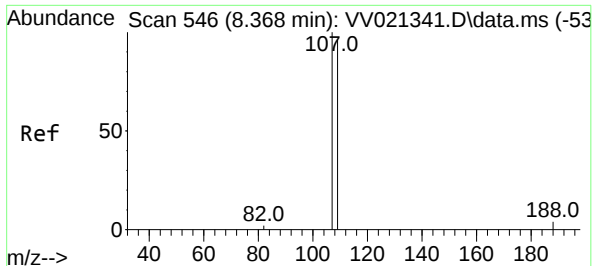
Tgt Ion: 62 Resp: 12611  
 Ion Ratio Lower Upper  
 62 100  
 64 32.0 22.5 41.9



#6  
 Trichloroethene  
 Concen: 0.51 ug/L  
 RT: 5.925 min Scan# 418  
 Delta R.T. 0.000 min  
 Lab File: VV021344.D  
 Acq: 20 May 2021 12:35

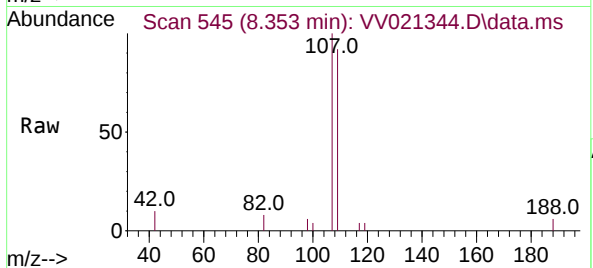
Tgt Ion: 95 Resp: 11107  
 Ion Ratio Lower Upper  
 95 100  
 97 66.8 47.5 88.1  
 132 103.5 71.6 133.0  
 130 105.8 74.5 138.3



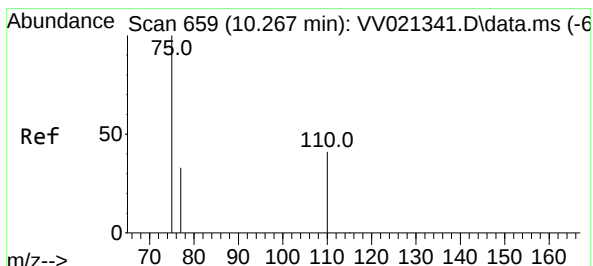
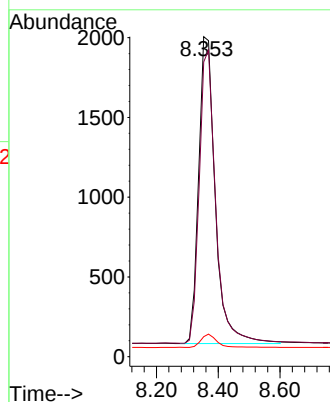
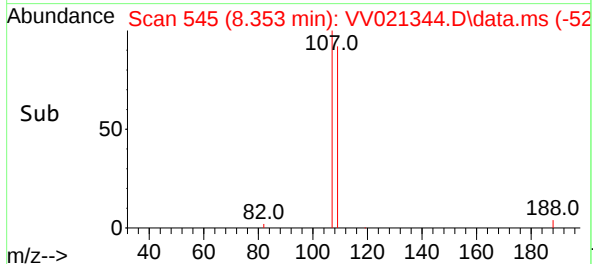


#9  
1,2-Dibromoethane  
Concen: 0.52 ug/L  
RT: 8.353 min Scan# 545  
Delta R.T. -0.015 min  
Lab File: VV021344.D  
Acq: 20 May 2021 12:35

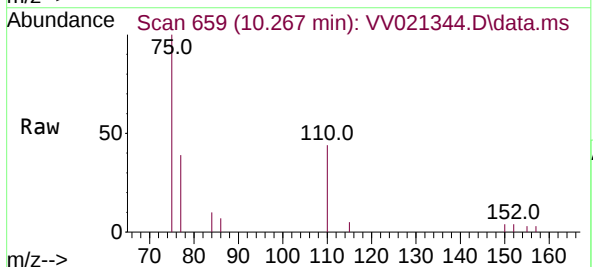
Instrument :  
MSVOA\_V  
ClientSampleId :



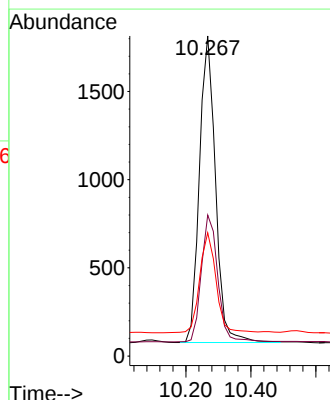
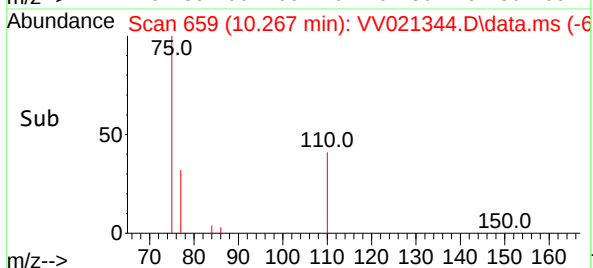
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 7239  |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 109      | 92.1  | 67.3  | 124.9 |
| 188      | 6.3   | 5.5   | 8.3   |

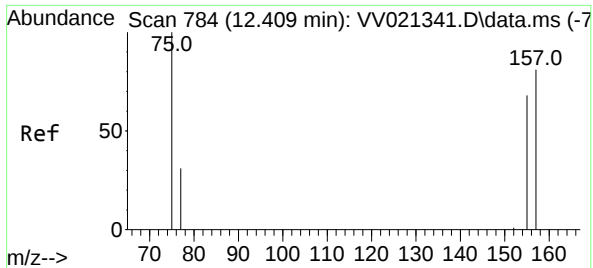


#12  
1,2,3-Trichloropropane  
Concen: 0.51 ug/L  
RT: 10.267 min Scan# 659  
Delta R.T. 0.000 min  
Lab File: VV021344.D  
Acq: 20 May 2021 12:35



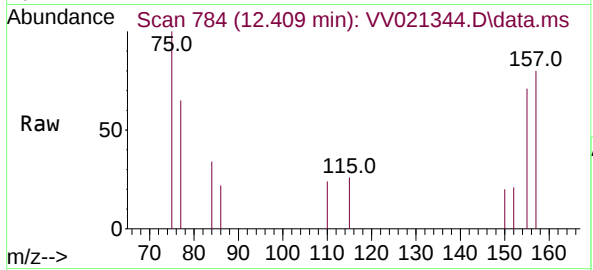
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 5970  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 42.1  | 33.5  | 50.3  |
| 77       | 32.9  | 26.7  | 40.1  |





#13  
 1,2-Dibromo-3-chloropropane  
 Concen: 0.48 ug/L  
 RT: 12.409 min Scan# 784  
 Delta R.T. 0.000 min  
 Lab File: VV021344.D  
 Acq: 20 May 2021 12:35

Instrument :  
 MSVOA\_V  
 ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 917   |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 157      | 79.8  | 64.9  | 97.3  |
| 155      | 71.1  | 57.4  | 86.0  |

