

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV091222\  
 Data File : VV027803.D  
 Acq On : 12 Sep 2022 10:37  
 Operator : SY/MD  
 Sample : VSTDCCC0.5  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD0.5285

Quant Time: Sep 13 03:21:17 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVSIM090822.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Sep 10 02:33:14 2022  
 Response via : Initial Calibration

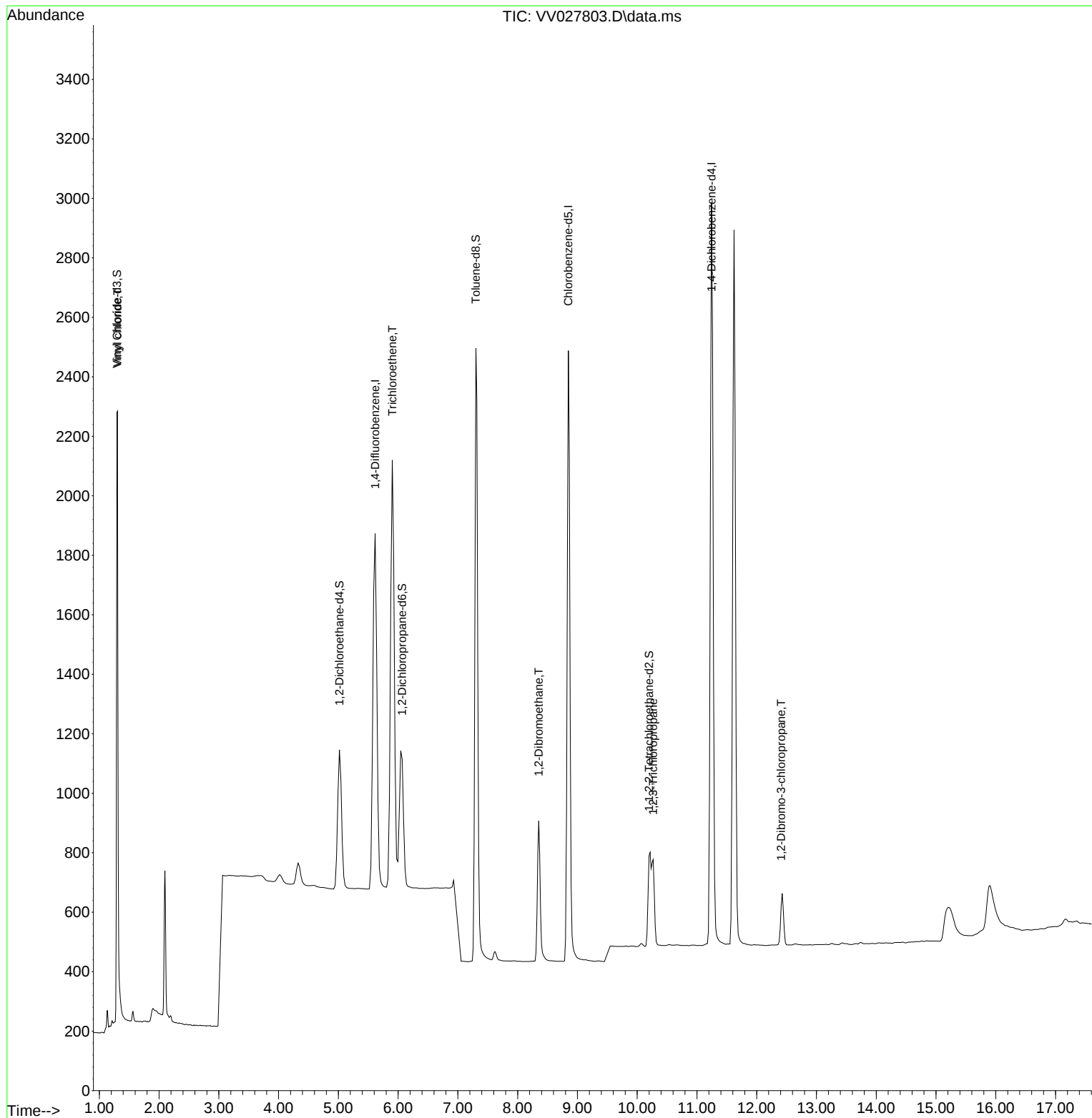
| Compound                      | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-------------------------------|-----------|-------|----------|----------|------------|----------|
| -----                         |           |       |          |          |            |          |
| Internal Standards            |           |       |          |          |            |          |
| 1) 1,4-Difluorobenzene        | 5.615     | 114   | 4437     | 0.500    | ug/L       | 0.00     |
| 5) Chlorobenzene-d5           | 8.848     | 117   | 3958     | 0.500    | ug/L       | -0.02    |
| 11) 1,4-Dichlorobenzene-d4    | 11.244    | 152   | 2743     | 0.500    | ug/L       | 0.00     |
| System Monitoring Compounds   |           |       |          |          |            |          |
| 2) Vinyl Chloride-d3          | 1.296     | 65    | 1461     | 0.531    | ug/L       | 0.00     |
| Spiked Amount                 | 0.500     | Range | 40 - 130 | Recovery | = 106.000% |          |
| 4) 1,2-Dichloroethane-d4      | 5.018     | 65    | 1124     | 0.543    | ug/L       | -0.02    |
| Spiked Amount                 | 0.500     | Range | 70 - 130 | Recovery | = 108.000% |          |
| 7) 1,2-Dichloropropane-d6     | 6.068     | 67    | 738      | 0.560    | ug/L       | 0.00     |
| Spiked Amount                 | 0.500     | Range | 60 - 140 | Recovery | = 112.000% |          |
| 8) Toluene-d8                 | 7.301     | 98    | 4069     | 0.558    | ug/L       | -0.02    |
| Spiked Amount                 | 0.500     | Range | 70 - 130 | Recovery | = 112.000% |          |
| 10) 1,1,2,2-Tetrachloroeth... | 10.198    | 84    | 639      | 0.566    | ug/L       | -0.02    |
| Spiked Amount                 | 0.500     | Range | 65 - 120 | Recovery | = 114.000% |          |
| Target Compounds              |           |       |          |          |            |          |
|                               |           |       |          |          | Qvalue     |          |
| 3) Vinyl chloride             | 1.303     | 62    | 1338     | 0.518    | ug/L       | 97       |
| 6) Trichloroethene            | 5.901     | 95    | 1323     | 0.536    | ug/L       | 99       |
| 9) 1,2-Dibromoethane          | 8.353     | 107   | 759      | 0.527    | ug/L       | 97       |
| 12) 1,2,3-Trichloropropane    | 10.267    | 75    | 457      | 0.508    | ug/L       | 92       |
| 13) 1,2-Dibromo-3-chloropr... | 12.409    | 75    | 110      | 0.607    | ug/L       | 98       |
| -----                         |           |       |          |          |            |          |

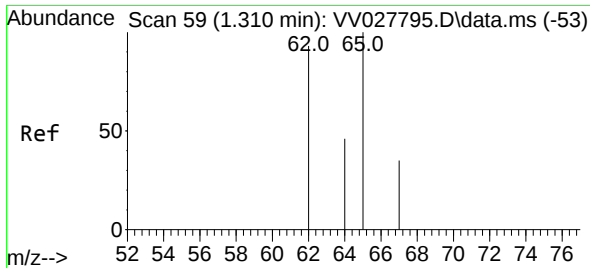
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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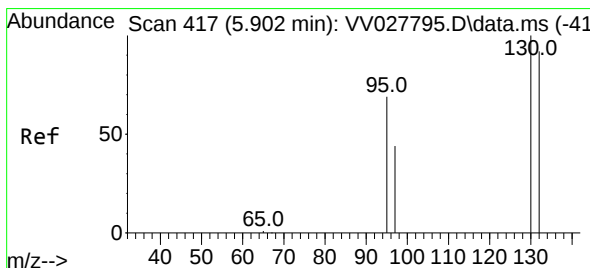
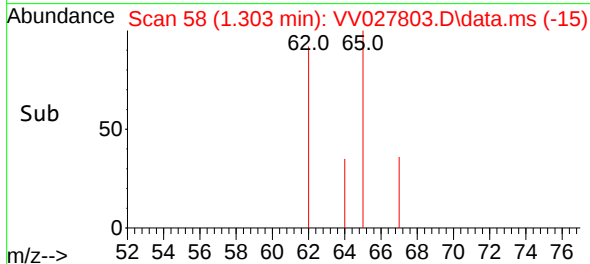
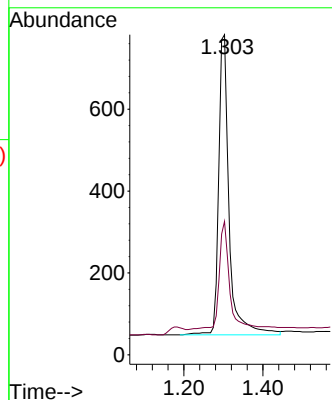
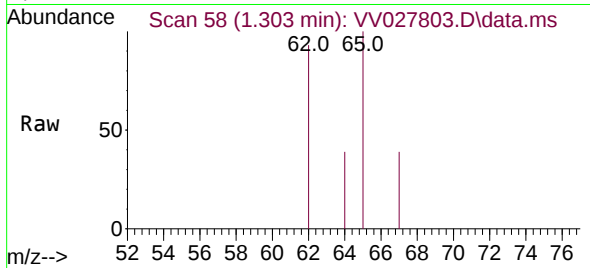




#3  
 Vinyl chloride  
 Concen: 0.518 ug/L  
 RT: 1.303 min Scan# 51  
 Delta R.T. -0.000 min  
 Lab File: VV027803.D  
 Acq: 12 Sep 2022 10:37

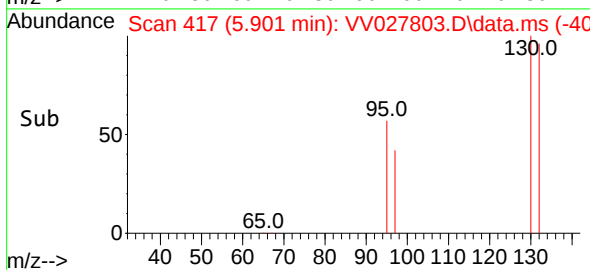
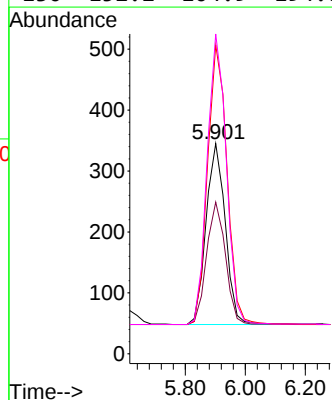
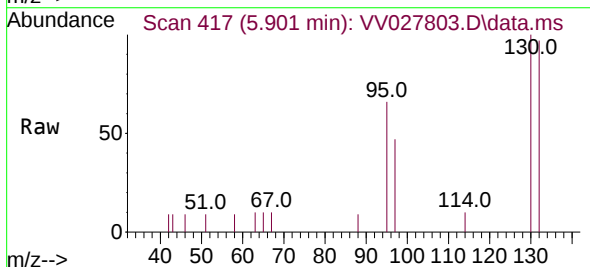
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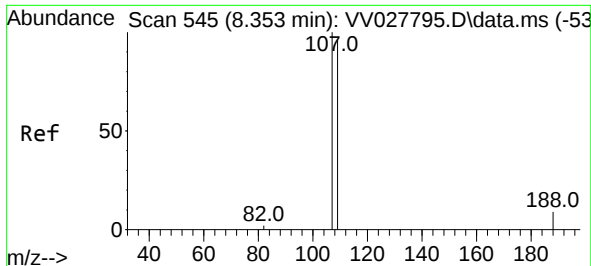
Tgt Ion: 62 Resp: 1338  
 Ion Ratio Lower Upper  
 62 100  
 64 41.7 27.8 51.6



#6  
 Trichloroethene  
 Concen: 0.536 ug/L  
 RT: 5.901 min Scan# 417  
 Delta R.T. -0.024 min  
 Lab File: VV027803.D  
 Acq: 12 Sep 2022 10:37

Tgt Ion: 95 Resp: 1323  
 Ion Ratio Lower Upper  
 95 100  
 97 72.2 50.6 94.0  
 132 147.0 103.6 192.4  
 130 152.2 104.9 194.7

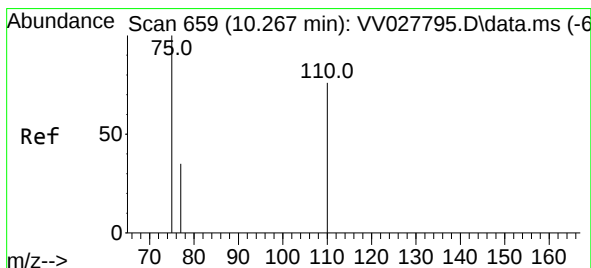
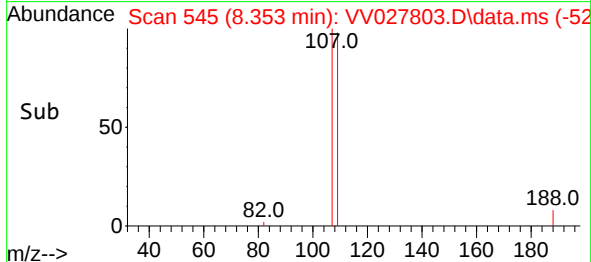
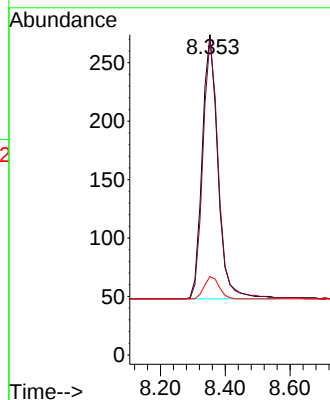
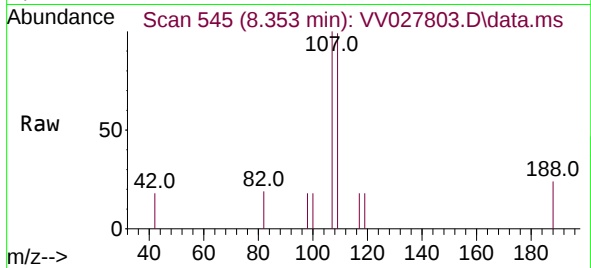




#9  
1,2-Dibromoethane  
Concen: 0.527 ug/L  
RT: 8.353 min Scan# 545  
Delta R.T. -0.000 min  
Lab File: VV027803.D  
Acq: 12 Sep 2022 10:37

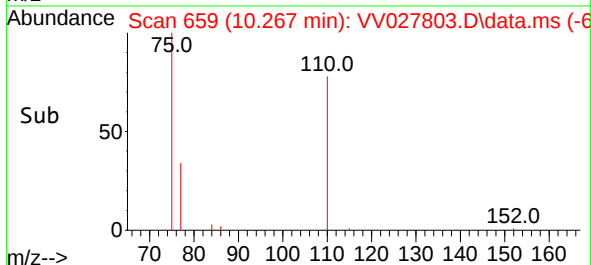
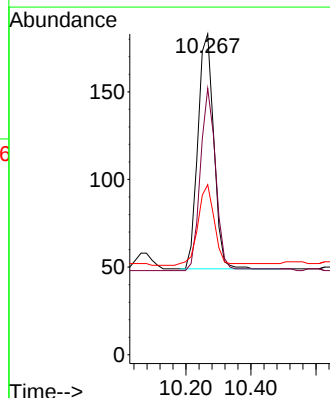
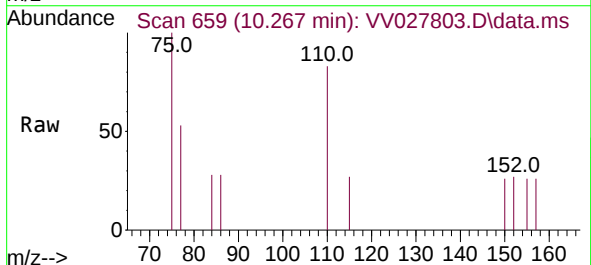
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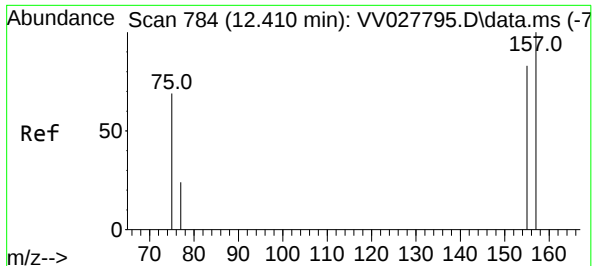
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 759   |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 109      | 98.5  | 66.6  | 123.8 |
| 188      | 24.5  | 19.0  | 28.6  |



#12  
1,2,3-Trichloropropane  
Concen: 0.508 ug/L  
RT: 10.267 min Scan# 659  
Delta R.T. -0.000 min  
Lab File: VV027803.D  
Acq: 12 Sep 2022 10:37

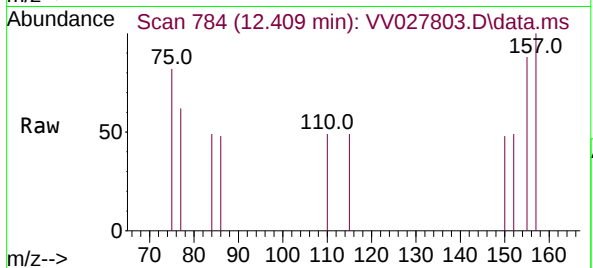
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 457   |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 75.9  | 55.5  | 83.3  |
| 77       | 36.5  | 26.2  | 39.2  |





#13  
 1,2-Dibromo-3-chloropropane  
 Concen: 0.607 ug/L  
 RT: 12.409 min Scan# 71  
 Delta R.T. -0.000 min  
 Lab File: VV027803.D  
 Acq: 12 Sep 2022 10:37

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD0.5285



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 110   |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 157      | 122.0 | 94.2  | 141.2 |
| 155      | 107.3 | 86.1  | 129.1 |

