

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV091222\  
 Data File : VV027805.D  
 Acq On : 12 Sep 2022 12:39  
 Operator : SY/MD  
 Sample : N3670-01  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 MDL-WATER-QT2-2022-03

Quant Time: Sep 13 03:23:28 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

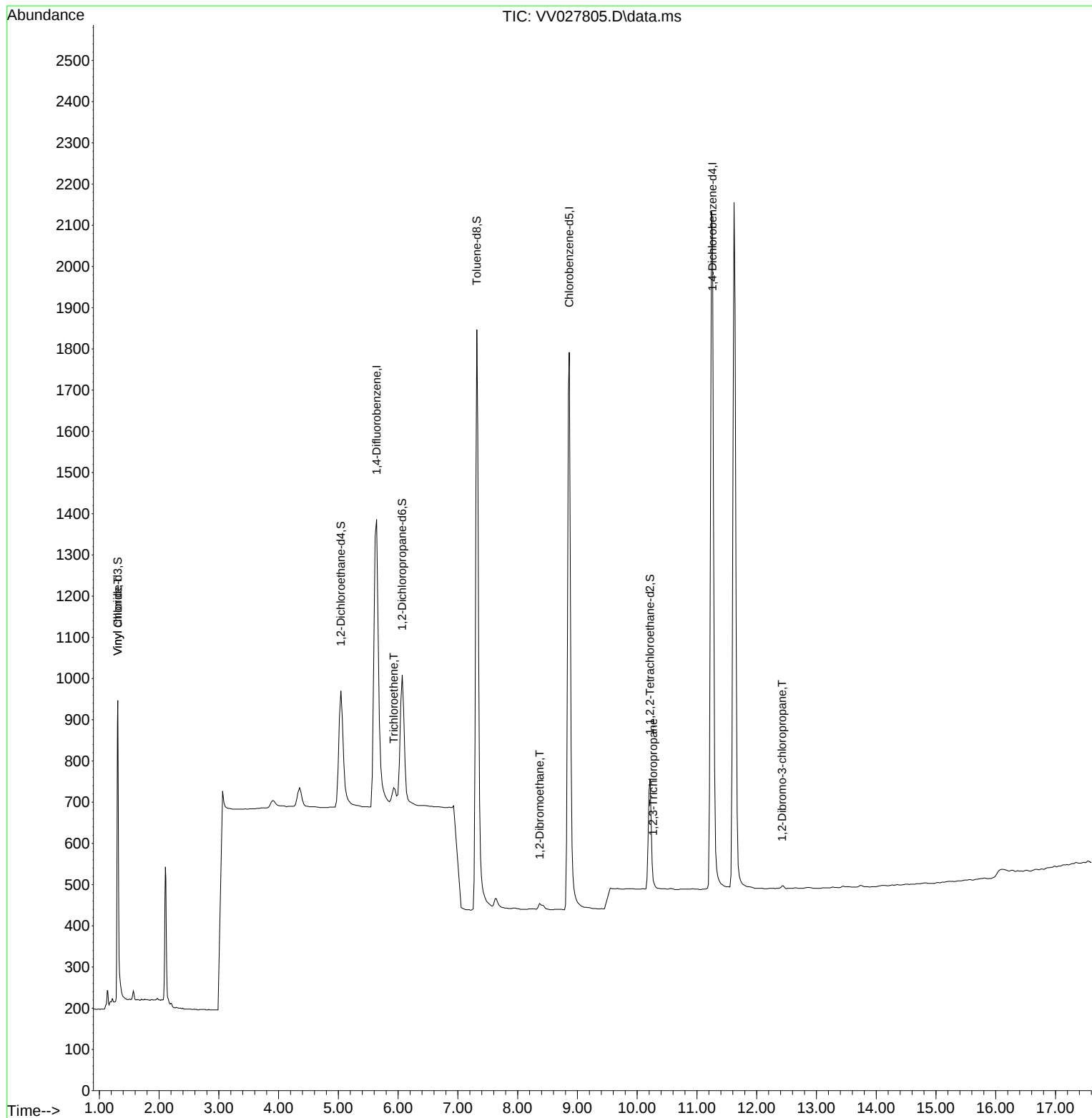
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 5.639  | 114   | 3034     | 0.500    | ug/L   | 0.02      |
| 5) Chlorobenzene-d5           | 8.863  | 117   | 2843     | 0.500    | ug/L   | 0.00      |
| 11) 1,4-Dichlorobenzene-d4    | 11.261 | 152   | 1995     | 0.500    | ug/L   | 0.02      |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 2) Vinyl Chloride-d3          | 1.310  | 65    | 926      | 0.492    | ug/L   | 0.00      |
| Spiked Amount                 | 0.500  | Range | 40 - 130 | Recovery | =      | 98.000%   |
| 4) 1,2-Dichloroethane-d4      | 5.042  | 65    | 817      | 0.577    | ug/L   | 0.00      |
| Spiked Amount                 | 0.500  | Range | 70 - 130 | Recovery | =      | 116.000%  |
| 7) 1,2-Dichloropropane-d6     | 6.068  | 67    | 538      | 0.568    | ug/L   | 0.00      |
| Spiked Amount                 | 0.500  | Range | 60 - 140 | Recovery | =      | 114.000%  |
| 8) Toluene-d8                 | 7.317  | 98    | 2965     | 0.566    | ug/L   | 0.00      |
| Spiked Amount                 | 0.500  | Range | 70 - 130 | Recovery | =      | 114.000%  |
| 10) 1,1,2,2-Tetrachloroeth... | 10.216 | 84    | 551      | 0.679    | ug/L   | 0.00      |
| Spiked Amount                 | 0.500  | Range | 65 - 120 | Recovery | =      | 136.000%# |
| Target Compounds              |        |       |          |          |        |           |
|                               |        |       |          |          | Qvalue |           |
| 3) Vinyl chloride             | 1.310  | 62    | 43       | 0.024    | ug/L # | 1         |
| 6) Trichloroethene            | 5.925  | 95    | 37       | 0.021    | ug/L # | 67        |
| 9) 1,2-Dibromoethane          | 8.368  | 107   | 23       | 0.022    | ug/L # | 69        |
| 12) 1,2,3-Trichloropropane    | 10.267 | 75    | 23       | 0.035    | ug/L # | 55        |
| 13) 1,2-Dibromo-3-chloropr... | 12.426 | 75    | 8        | 0.061    | ug/L   | 87        |
| -----                         |        |       |          |          |        |           |

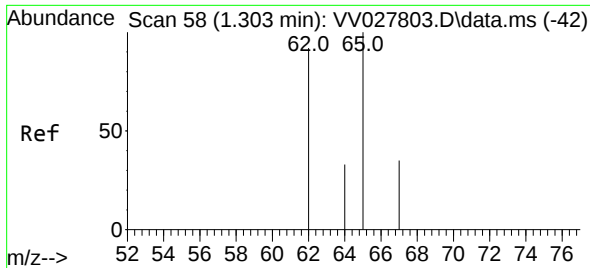
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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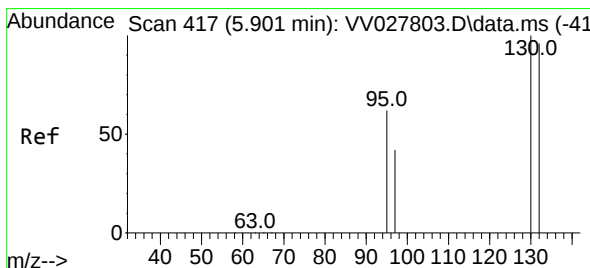
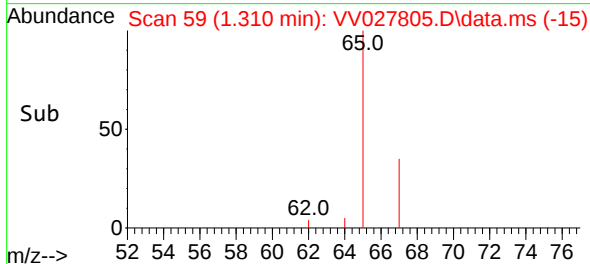
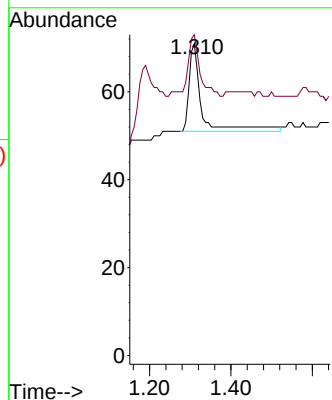
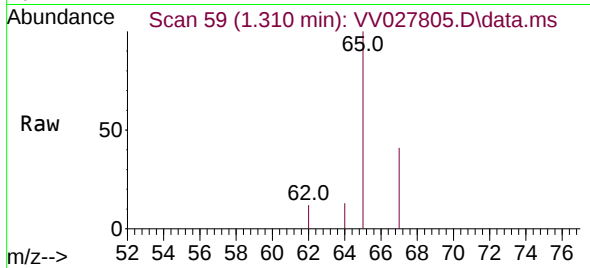




#3  
 Vinyl chloride  
 Concen: 0.024 ug/L  
 RT: 1.310 min Scan# 51  
 Delta R.T. 0.007 min  
 Lab File: VV027805.D  
 Acq: 12 Sep 2022 12:39

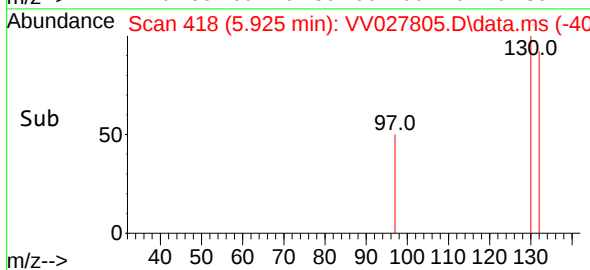
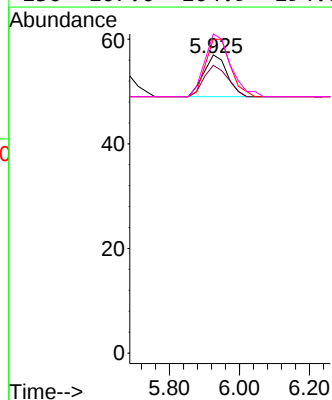
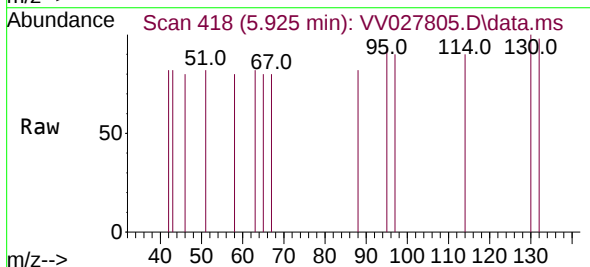
Instrument :  
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 MDL-WATER-QT2-2022-03

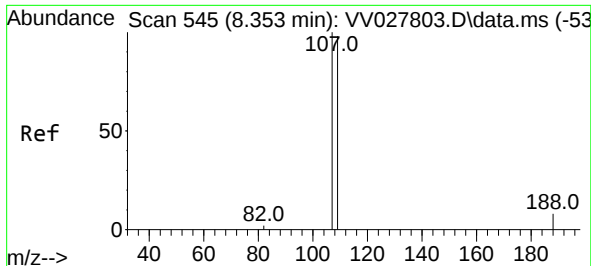
Tgt Ion: 62 Resp: 43  
 Ion Ratio Lower Upper  
 62 100  
 64 102.8 27.8 51.6#



#6  
 Trichloroethene  
 Concen: 0.021 ug/L  
 RT: 5.925 min Scan# 418  
 Delta R.T. 0.000 min  
 Lab File: VV027805.D  
 Acq: 12 Sep 2022 12:39

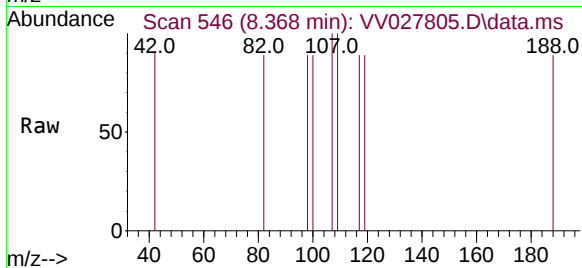
Tgt Ion: 95 Resp: 37  
 Ion Ratio Lower Upper  
 95 100  
 97 96.5 50.6 94.0#  
 132 105.3 103.6 192.4  
 130 107.0 104.9 194.7



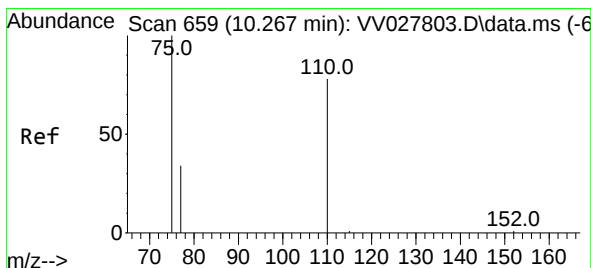
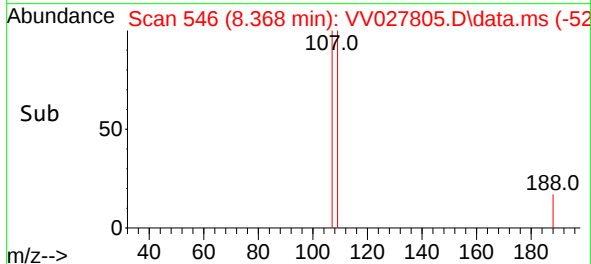
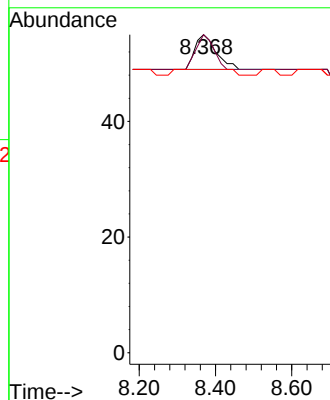


#9  
1,2-Dibromoethane  
Concen: 0.022 ug/L  
RT: 8.368 min Scan# 545  
Delta R.T. 0.015 min  
Lab File: VV027805.D  
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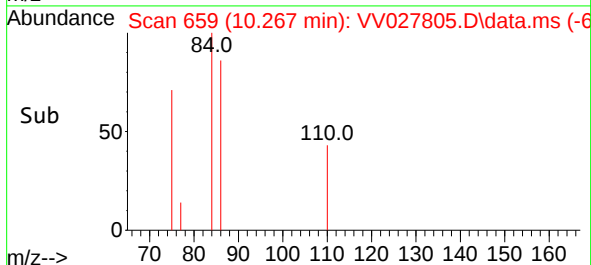
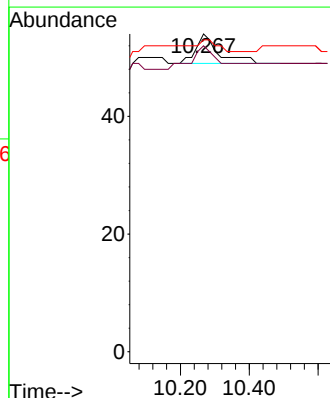
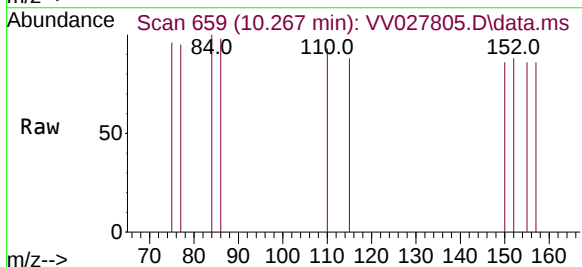


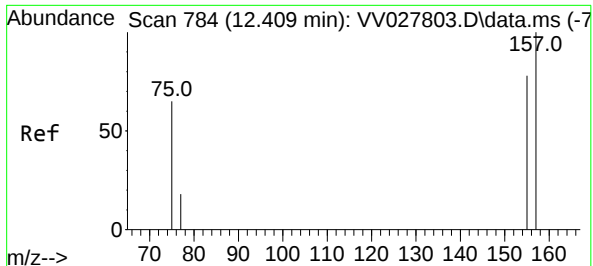
Tgt Ion:107 Resp: 23  
Ion Ratio Lower Upper  
107 100  
109 100.0 66.6 123.8  
188 89.1 19.0 28.6#



#12  
1,2,3-Trichloropropane  
Concen: 0.035 ug/L  
RT: 10.267 min Scan# 659  
Delta R.T. 0.000 min  
Lab File: VV027805.D  
Acq: 12 Sep 2022 12:39

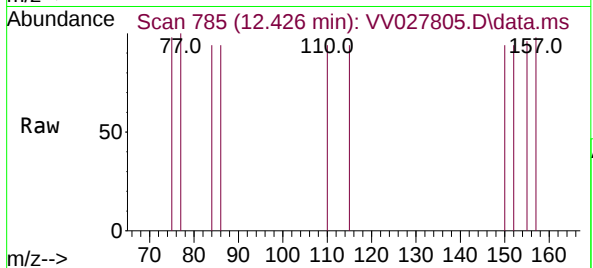
Tgt Ion: 75 Resp: 23  
Ion Ratio Lower Upper  
75 100  
110 121.7 55.5 83.3#  
77 30.4 26.2 39.2





#13  
 1,2-Dibromo-3-chloropropane  
 Concen: 0.061 ug/L  
 RT: 12.426 min Scan# 785  
 Delta R.T. 0.017 min  
 Lab File: VV027805.D  
 Acq: 12 Sep 2022 12:39

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 MDL-WATER-QT2-2022-03



|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion: 75 | Resp: | 8     |       |
| Ion         | Ratio | Lower | Upper |
| 75          | 100   |       |       |
| 157         | 100.0 | 94.2  | 141.2 |
| 155         | 98.0  | 86.1  | 129.1 |

