

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV091322\  
 Data File : VV027814.D  
 Acq On : 13 Sep 2022 13:02  
 Operator : SY/MD  
 Sample : N4015-02  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 MDL-WATER-QT3-2022-06

Quant Time: Sep 14 02:31:42 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

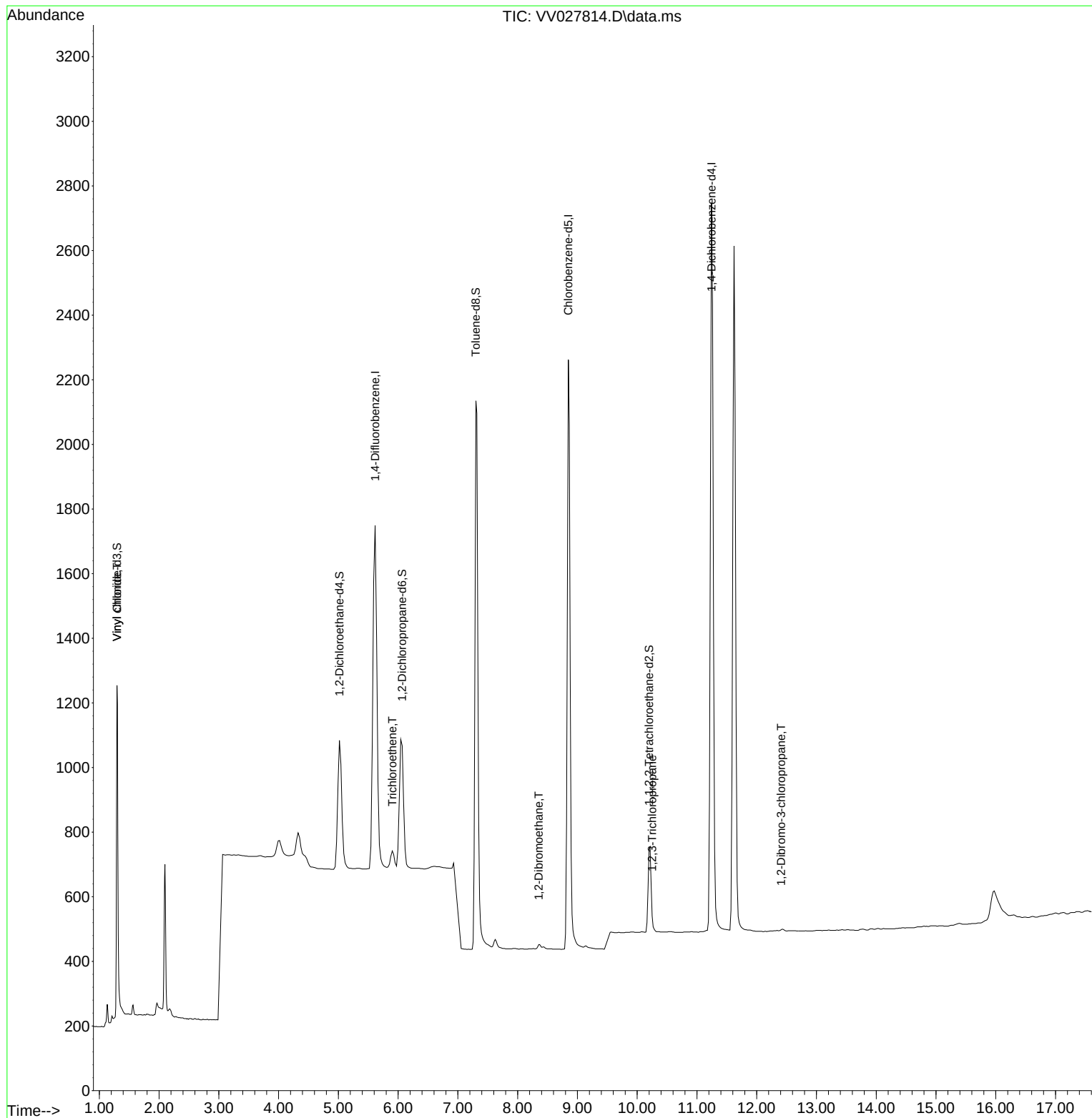
| Compound                      | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-------------------------------|-----------|-------|----------|----------|------------|----------|
| -----                         |           |       |          |          |            |          |
| Internal Standards            |           |       |          |          |            |          |
| 1) 1,4-Difluorobenzene        | 5.615     | 114   | 4001     | 0.500    | ug/L       | 0.00     |
| 5) Chlorobenzene-d5           | 8.848     | 117   | 3630     | 0.500    | ug/L       | -0.02    |
| 11) 1,4-Dichlorobenzene-d4    | 11.244    | 152   | 2535     | 0.500    | ug/L       | 0.00     |
| System Monitoring Compounds   |           |       |          |          |            |          |
| 2) Vinyl Chloride-d3          | 1.296     | 65    | 1306     | 0.526    | ug/L       | 0.00     |
| Spiked Amount                 | 0.500     | Range | 40 - 130 | Recovery | = 106.000% |          |
| 4) 1,2-Dichloroethane-d4      | 5.018     | 65    | 1012     | 0.542    | ug/L       | -0.02    |
| Spiked Amount                 | 0.500     | Range | 70 - 130 | Recovery | = 108.000% |          |
| 7) 1,2-Dichloropropane-d6     | 6.068     | 67    | 659      | 0.545    | ug/L       | 0.00     |
| Spiked Amount                 | 0.500     | Range | 60 - 140 | Recovery | = 110.000% |          |
| 8) Toluene-d8                 | 7.301     | 98    | 3547     | 0.530    | ug/L       | -0.02    |
| Spiked Amount                 | 0.500     | Range | 70 - 130 | Recovery | = 106.000% |          |
| 10) 1,1,2,2-Tetrachloroeth... | 10.198    | 84    | 551      | 0.532    | ug/L       | -0.02    |
| Spiked Amount                 | 0.500     | Range | 65 - 120 | Recovery | = 106.000% |          |
| Target Compounds              |           |       |          |          |            |          |
|                               |           |       |          |          | Qvalue     |          |
| 3) Vinyl chloride             | 1.296     | 62    | 45       | 0.019    | ug/L #     | 1        |
| 6) Trichloroethene            | 5.901     | 95    | 49       | 0.022    | ug/L       | 70       |
| 9) 1,2-Dibromoethane          | 8.353     | 107   | 41       | 0.031    | ug/L #     | 71       |
| 12) 1,2,3-Trichloropropane    | 10.250    | 75    | 14       | 0.017    | ug/L #     | 1        |
| 13) 1,2-Dibromo-3-chloropr... | 12.409    | 75    | 10       | 0.060    | ug/L       | 86       |
| -----                         |           |       |          |          |            |          |

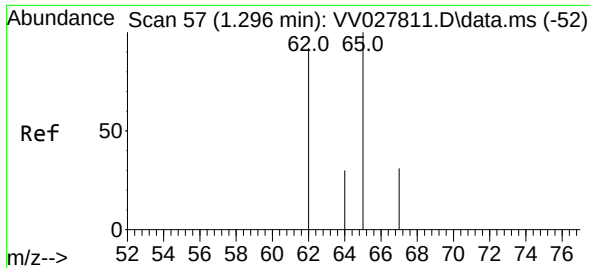
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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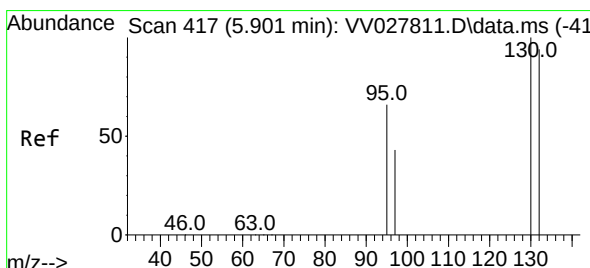
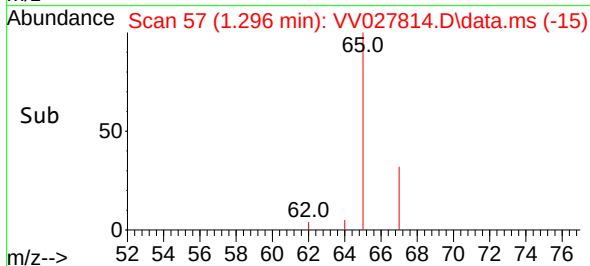
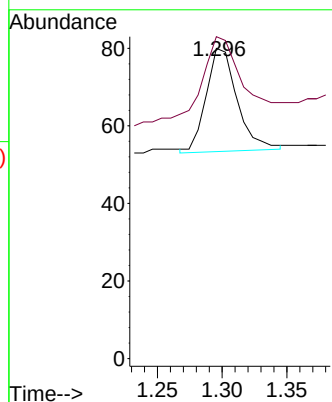
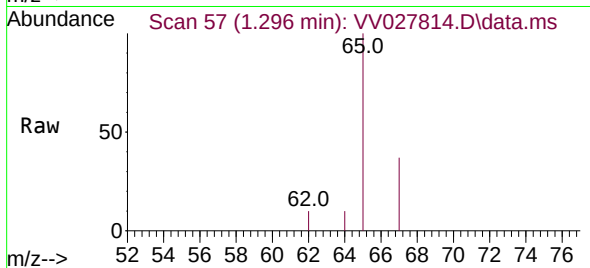




#3  
 Vinyl chloride  
 Concen: 0.019 ug/L  
 RT: 1.296 min Scan# 51  
 Delta R.T. -0.007 min  
 Lab File: VV027814.D  
 Acq: 13 Sep 2022 13:02

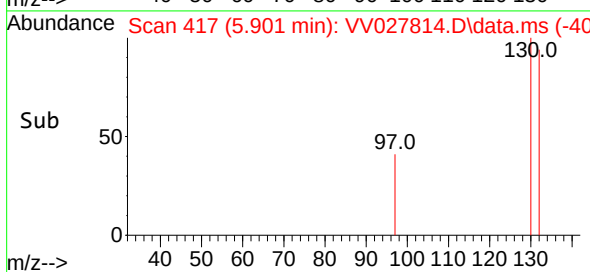
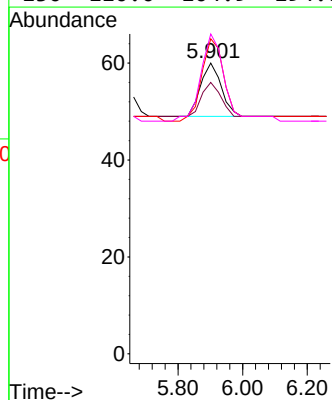
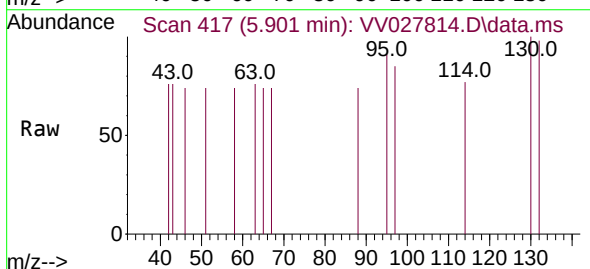
Instrument :  
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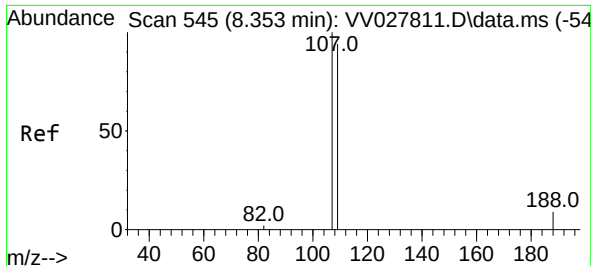
Tgt Ion: 62 Resp: 45  
 Ion Ratio Lower Upper  
 62 100  
 64 103.8 27.8 51.6#



#6  
 Trichloroethene  
 Concen: 0.022 ug/L  
 RT: 5.901 min Scan# 417  
 Delta R.T. -0.024 min  
 Lab File: VV027814.D  
 Acq: 13 Sep 2022 13:02

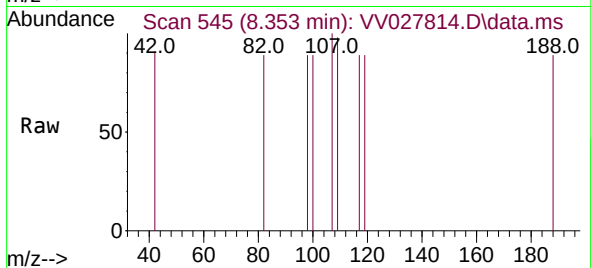
Tgt Ion: 95 Resp: 49  
 Ion Ratio Lower Upper  
 95 100  
 97 93.3 50.6 94.0  
 132 108.3 103.6 192.4  
 130 110.0 104.9 194.7



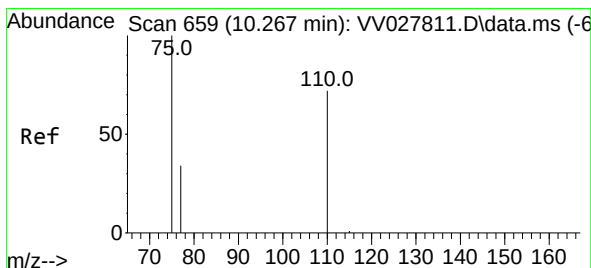
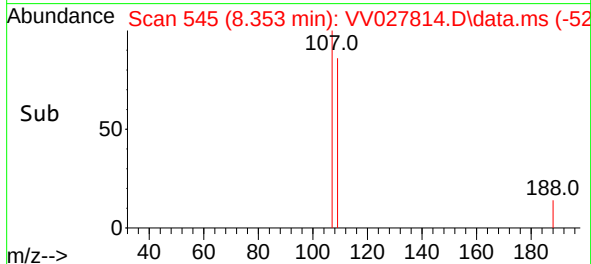
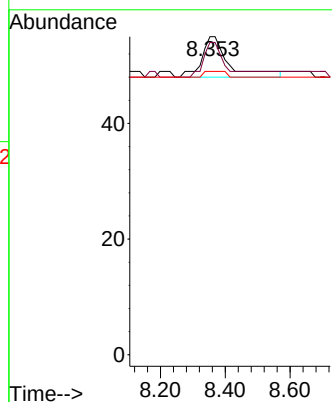


#9  
1,2-Dibromoethane  
Concen: 0.031 ug/L  
RT: 8.353 min Scan# 54  
Delta R.T. -0.000 min  
Lab File: VV027814.D  
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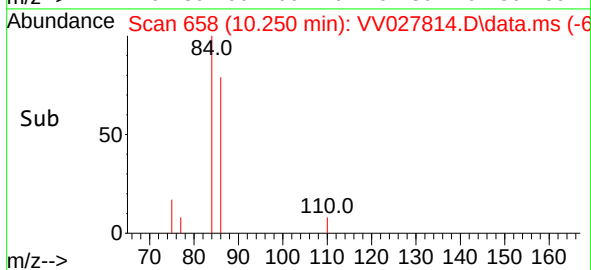
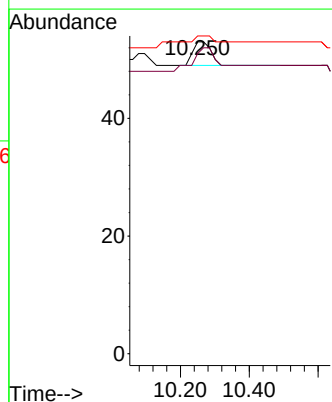
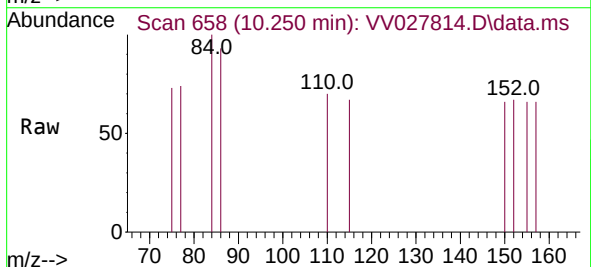


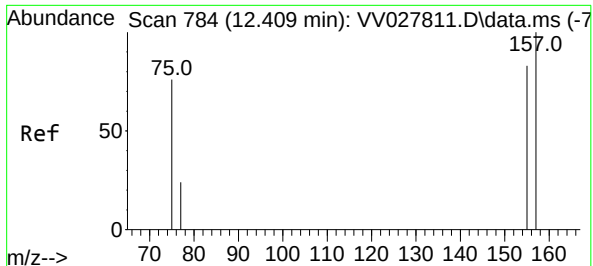
Tgt Ion:107 Resp: 41  
Ion Ratio Lower Upper  
107 100  
109 98.2 66.6 123.8  
188 89.1 19.0 28.6#



#12  
1,2,3-Trichloropropane  
Concen: 0.017 ug/L  
RT: 10.250 min Scan# 658  
Delta R.T. -0.017 min  
Lab File: VV027814.D  
Acq: 13 Sep 2022 13:02

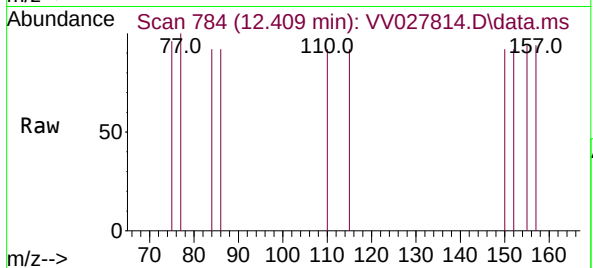
Tgt Ion: 75 Resp: 14  
Ion Ratio Lower Upper  
75 100  
110 200.0 55.5 83.3#  
77 78.6 26.2 39.2#





#13  
 1,2-Dibromo-3-chloropropane  
 Concen: 0.060 ug/L  
 RT: 12.409 min Scan# 784  
 Delta R.T. -0.000 min  
 Lab File: VV027814.D  
 Acq: 13 Sep 2022 13:02

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 MDL-WATER-QT3-2022-06



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 10    |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 157      | 98.0  | 94.2  | 141.2 |
| 155      | 98.0  | 86.1  | 129.1 |

