

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV022322\  
 Data File : VV024810.D  
 Acq On : 23 Feb 2022 14:40  
 Operator : SY/MD  
 Sample : N1331-01  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 MDL-WATER-QT1-2022-01

Quant Time: Feb 24 01:01:57 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVSIM022322.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Feb 24 00:58:52 2022  
 Response via : Initial Calibration

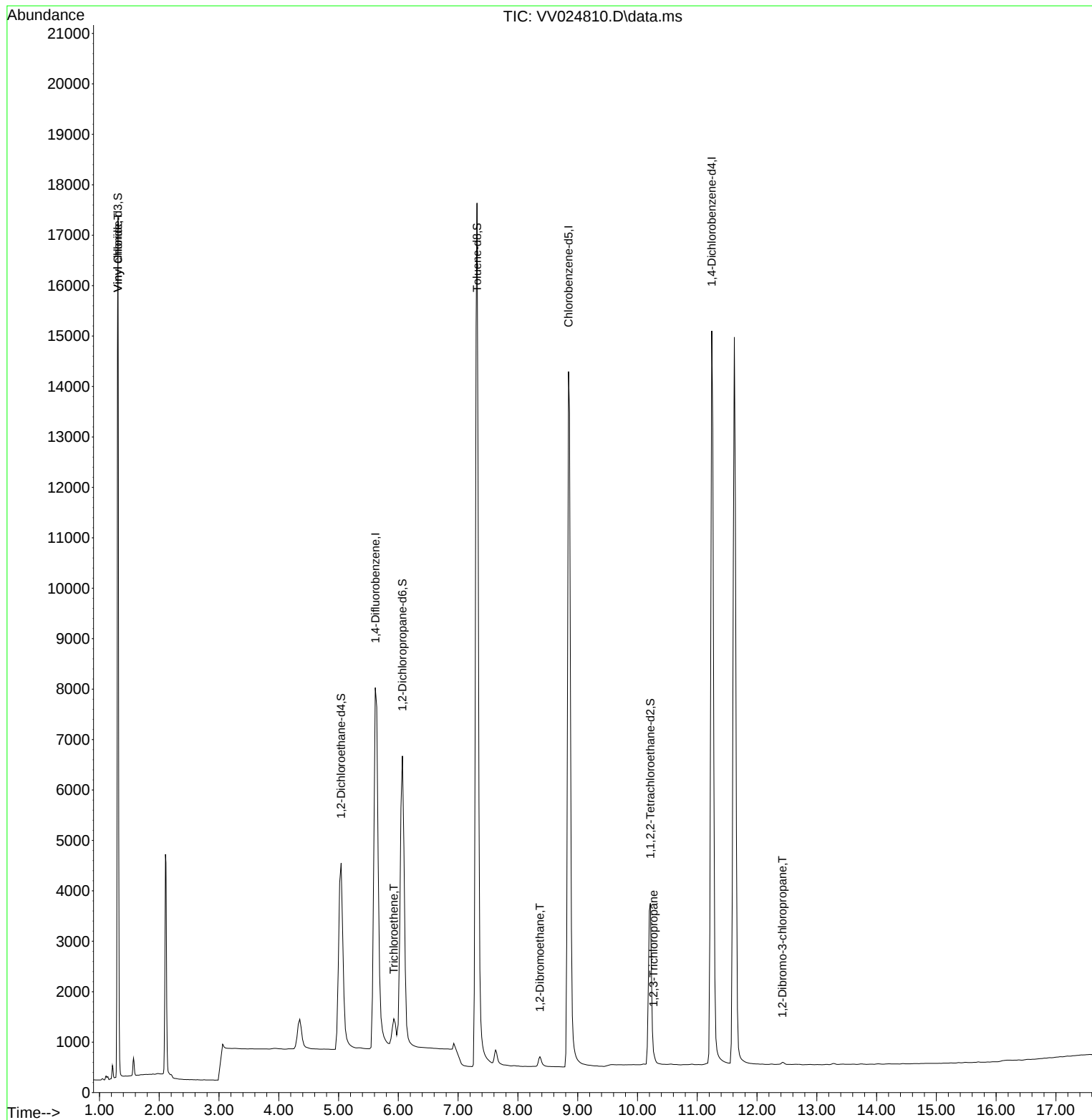
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.615  | 114   | 28156    | 0.500    | ug/L   | -0.02    |
| 5) Chlorobenzene-d5           | 8.848  | 117   | 26625    | 0.500    | ug/L   | -0.02    |
| 11) 1,4-Dichlorobenzene-d4    | 11.244 | 152   | 15595    | 0.500    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 2) Vinyl Chloride-d3          | 1.310  | 65    | 17709    | 0.524    | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 40 - 130 | Recovery | =      | 104.000% |
| 4) 1,2-Dichloroethane-d4      | 5.042  | 65    | 8117     | 0.534    | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 70 - 130 | Recovery | =      | 106.000% |
| 7) 1,2-Dichloropropane-d6     | 6.068  | 67    | 11250    | 0.535    | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 60 - 140 | Recovery | =      | 106.000% |
| 8) Toluene-d8                 | 7.317  | 98    | 33569    | 0.534    | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 70 - 130 | Recovery | =      | 106.000% |
| 10) 1,1,2,2-Tetrachloroeth... | 10.216 | 84    | 6908     | 0.541    | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 65 - 120 | Recovery | =      | 108.000% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          |        | Qvalue   |
| 3) Vinyl chloride             | 1.310  | 62    | 1040     | 0.032    | ug/L # | 59       |
| 6) Trichloroethene            | 5.925  | 95    | 684      | 0.032    | ug/L   | 92       |
| 9) 1,2-Dibromoethane          | 8.368  | 107   | 397      | 0.032    | ug/L # | 90       |
| 12) 1,2,3-Trichloropropane    | 10.267 | 75    | 276      | 0.030    | ug/L # | 94       |
| 13) 1,2-Dibromo-3-chloropr... | 12.426 | 75    | 42       | 0.030    | ug/L # | 69       |
| -----                         |        |       |          |          |        |          |

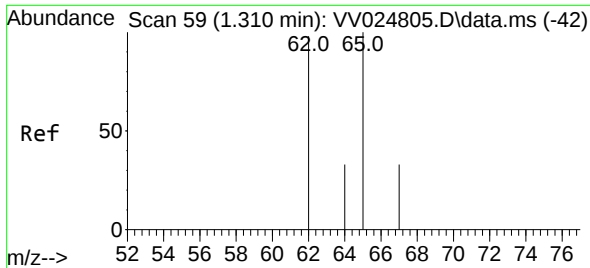
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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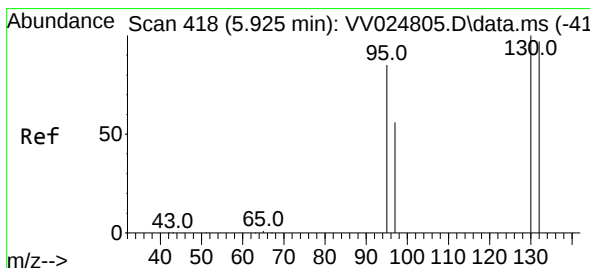
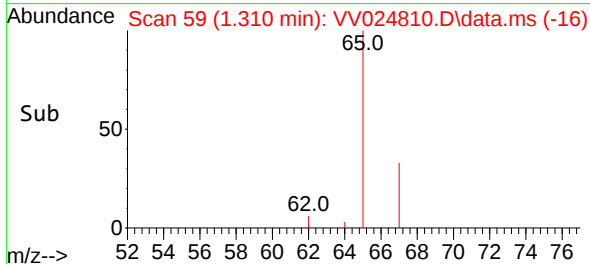
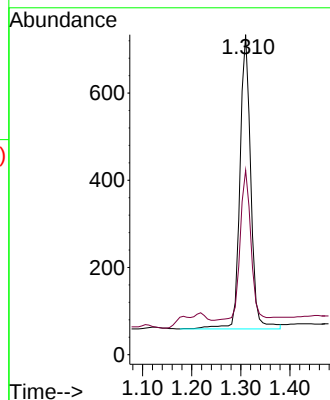
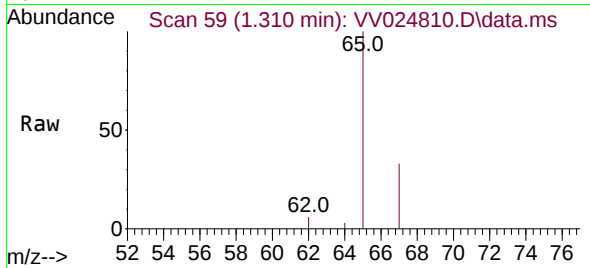




#3  
 Vinyl chloride  
 Concen: 0.032 ug/L  
 RT: 1.310 min Scan# 59  
 Delta R.T. -0.000 min  
 Lab File: VV024810.D  
 Acq: 23 Feb 2022 14:40

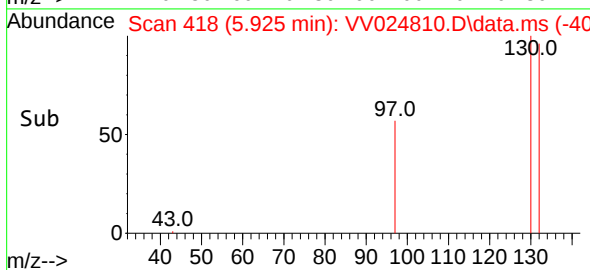
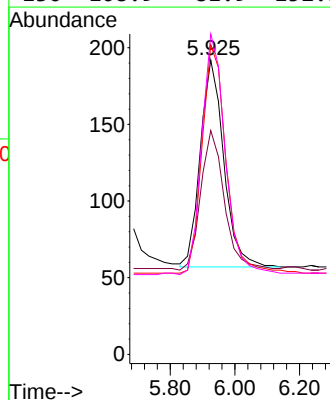
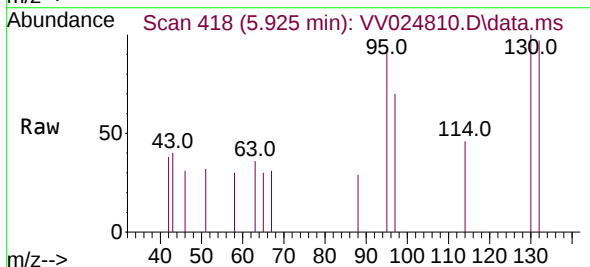
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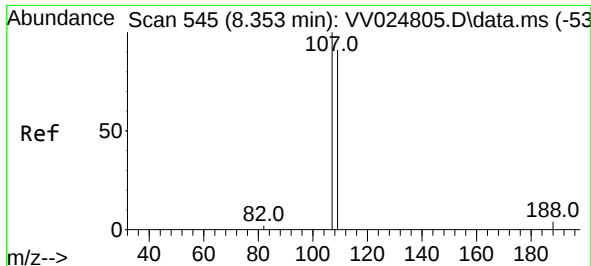
Tgt Ion: 62 Resp: 1040  
 Ion Ratio Lower Upper  
 62 100  
 64 57.6 23.7 44.1#



#6  
 Trichloroethene  
 Concen: 0.032 ug/L  
 RT: 5.925 min Scan# 418  
 Delta R.T. -0.000 min  
 Lab File: VV024810.D  
 Acq: 23 Feb 2022 14:40

Tgt Ion: 95 Resp: 684  
 Ion Ratio Lower Upper  
 95 100  
 97 76.0 46.6 86.6  
 132 105.2 79.3 147.3  
 130 108.9 81.9 152.1

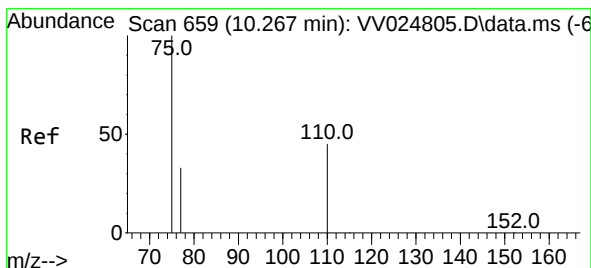
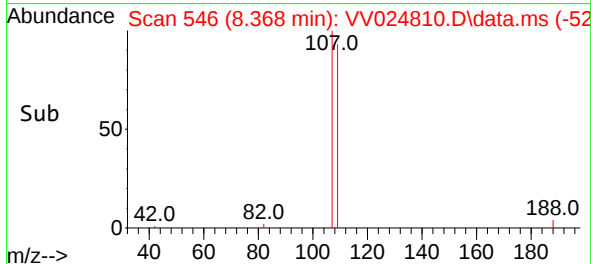
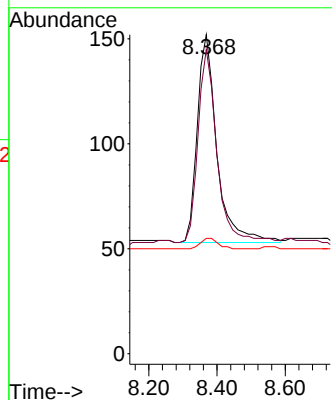
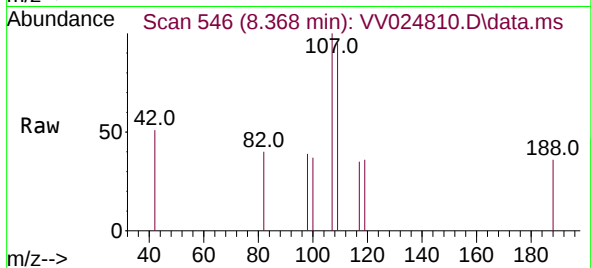




#9  
1,2-Dibromoethane  
Concen: 0.032 ug/L  
RT: 8.368 min Scan# 545  
Delta R.T. 0.015 min  
Lab File: VV024810.D  
Acq: 23 Feb 2022 14:40

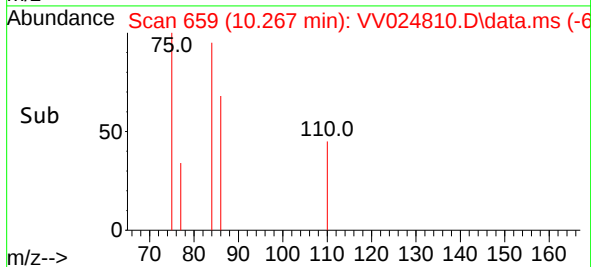
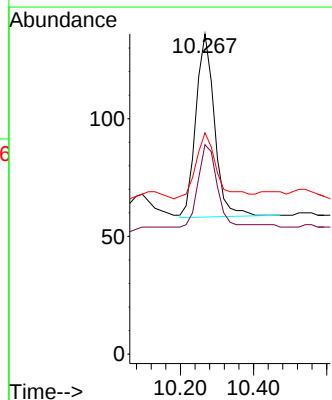
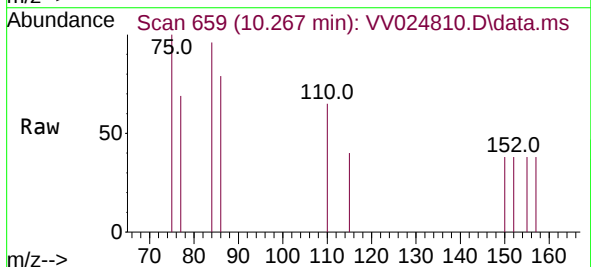
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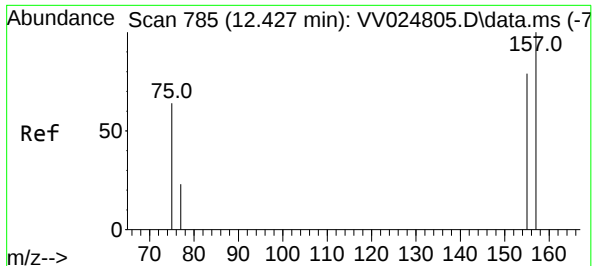
Tgt Ion:107 Resp: 397  
Ion Ratio Lower Upper  
107 100  
109 95.4 64.1 119.1  
188 36.2 5.4 8.2#



#12  
1,2,3-Trichloropropane  
Concen: 0.030 ug/L  
RT: 10.267 min Scan# 659  
Delta R.T. -0.000 min  
Lab File: VV024810.D  
Acq: 23 Feb 2022 14:40

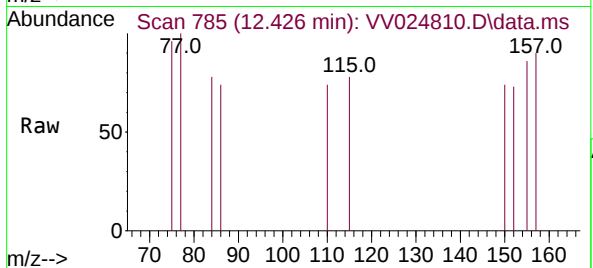
Tgt Ion: 75 Resp: 276  
Ion Ratio Lower Upper  
75 100  
110 45.3 36.6 55.0  
77 40.2 25.8 38.8#





#13  
 1,2-Dibromo-3-chloropropane  
 Concen: 0.030 ug/L  
 RT: 12.426 min Scan# 71  
 Delta R.T. -0.000 min  
 Lab File: VV024810.D  
 Acq: 23 Feb 2022 14:40

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 MDL-WATER-QT1-2022-01



Tgt Ion: 75 Resp: 42  
 Ion Ratio Lower Upper  
 75 100  
 157 94.3 112.0 168.0#  
 155 90.0 92.0 138.0#

