

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV112221\  
 Data File : VV023660.D  
 Acq On : 22 Nov 2021 14:38  
 Operator : SY/MD  
 Sample : M4642-03  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 X3803

Quant Time: Nov 23 02:10:15 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVSIM112221.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Nov 23 02:04:29 2021  
 Response via : Initial Calibration

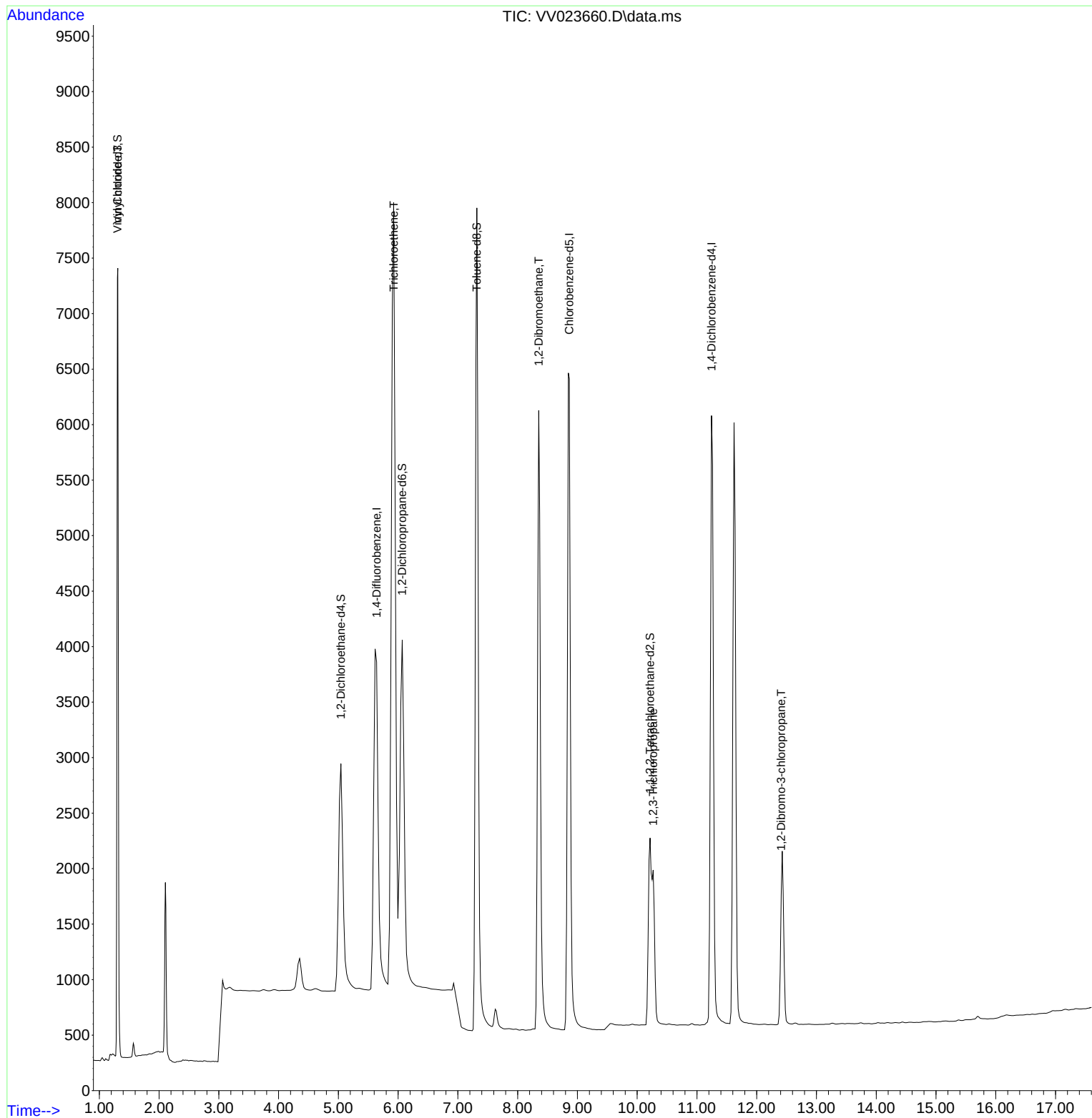
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.639  | 114   | 11866    | 0.500    | ug/L   | 0.00     |
| 5) Chlorobenzene-d5           | 8.863  | 117   | 11340    | 0.500    | ug/L   | 0.00     |
| 11) 1,4-Dichlorobenzene-d4    | 11.244 | 152   | 5906     | 0.500    | ug/L   | -0.02    |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 2) Vinyl Chloride-d3          | 1.303  | 65    | 6094     | 0.506    | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 40 - 130 | Recovery | =      | 102.000% |
| 4) 1,2-Dichloroethane-d4      | 5.042  | 65    | 4594     | 0.561    | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 70 - 130 | Recovery | =      | 112.000% |
| 7) 1,2-Dichloropropane-d6     | 6.068  | 67    | 5622     | 0.571    | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 60 - 140 | Recovery | =      | 114.000% |
| 8) Toluene-d8                 | 7.317  | 98    | 14527    | 0.570    | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 70 - 130 | Recovery | =      | 114.000% |
| 10) 1,1,2,2-Tetrachloroeth... | 10.216 | 84    | 3423     | 0.572    | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 65 - 120 | Recovery | =      | 114.000% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 3) Vinyl chloride             | 1.310  | 62    | 2338     | 0.176    | ug/L   | 92       |
| 6) Trichloroethene            | 5.925  | 95    | 9306     | 0.974    | ug/L   | 99       |
| 9) 1,2-Dibromoethane          | 8.353  | 107   | 9455     | 1.640    | ug/L # | 97       |
| 12) 1,2,3-Trichloropropane    | 10.267 | 75    | 2600     | 0.519    | ug/L   | 99       |
| 13) 1,2-Dibromo-3-chloropr... | 12.409 | 75    | 1514     | 1.688    | ug/L # | 72       |
| -----                         |        |       |          |          |        |          |

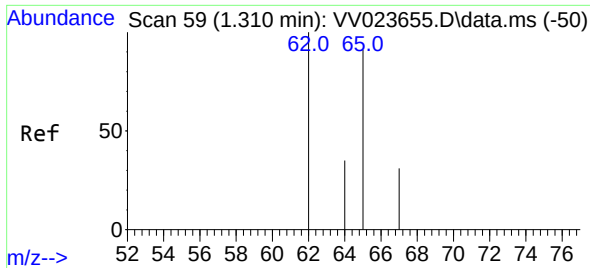
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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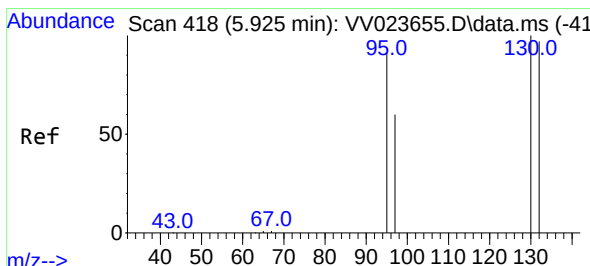
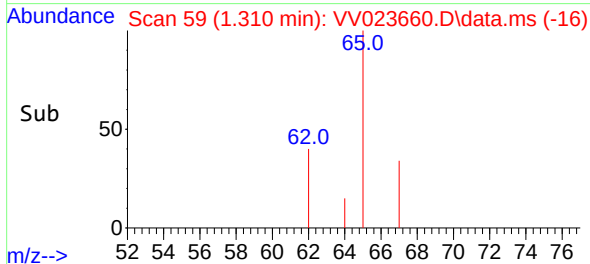
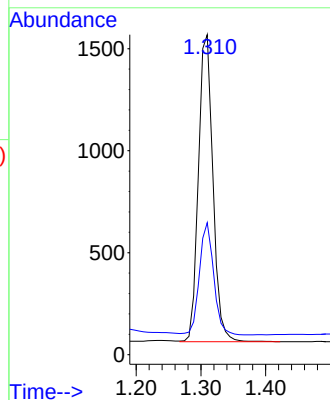
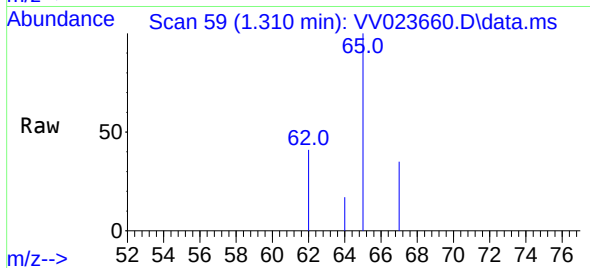




#3  
 Vinyl chloride  
 Concen: 0.176 ug/L  
 RT: 1.310 min Scan# 59  
 Delta R.T. -0.000 min  
 Lab File: VV023660.D  
 Acq: 22 Nov 2021 14:38

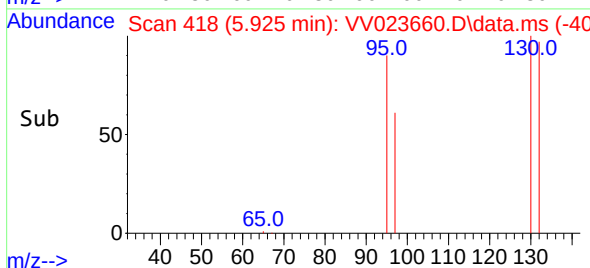
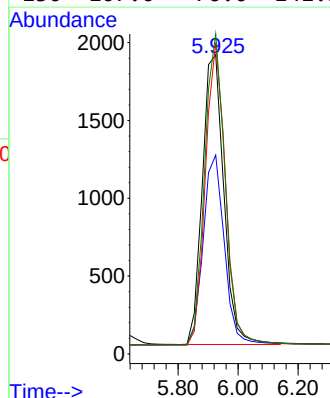
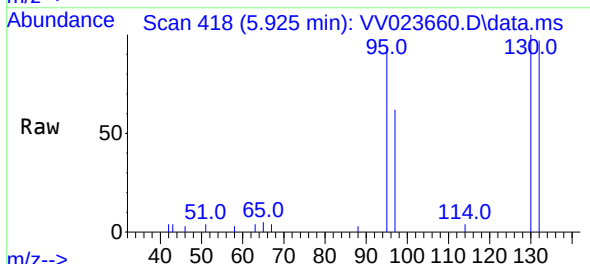
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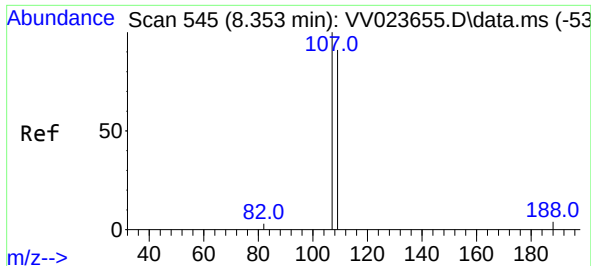
Tgt Ion: 62 Resp: 2338  
 Ion Ratio Lower Upper  
 62 100  
 64 41.2 25.5 47.3



#6  
 Trichloroethene  
 Concen: 0.974 ug/L  
 RT: 5.925 min Scan# 418  
 Delta R.T. 0.000 min  
 Lab File: VV023660.D  
 Acq: 22 Nov 2021 14:38

Tgt Ion: 95 Resp: 9306  
 Ion Ratio Lower Upper  
 95 100  
 97 66.5 47.0 87.4  
 132 104.0 73.8 137.2  
 130 107.0 76.0 141.2

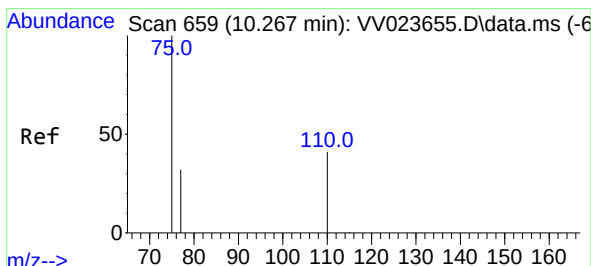
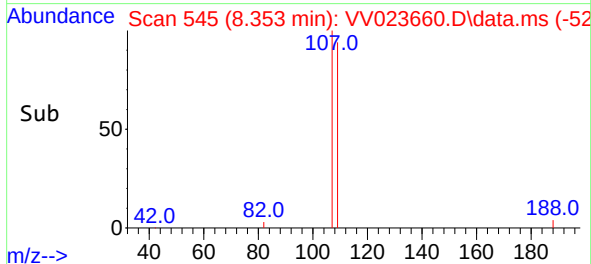
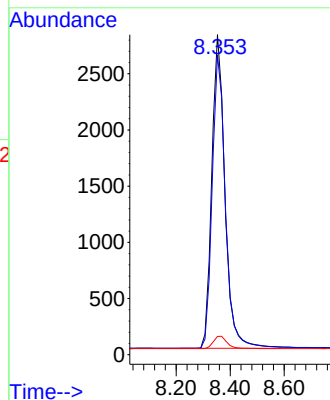
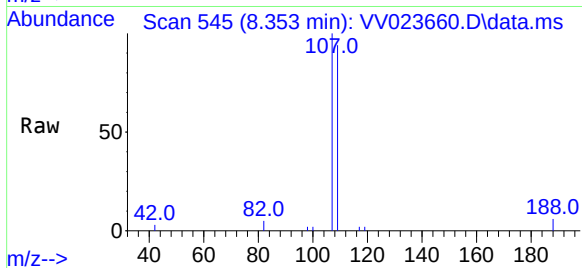




#9  
1,2-Dibromoethane  
Concen: 1.640 ug/L  
RT: 8.353 min Scan# 545  
Delta R.T. 0.000 min  
Lab File: VV023660.D  
Acq: 22 Nov 2021 14:38

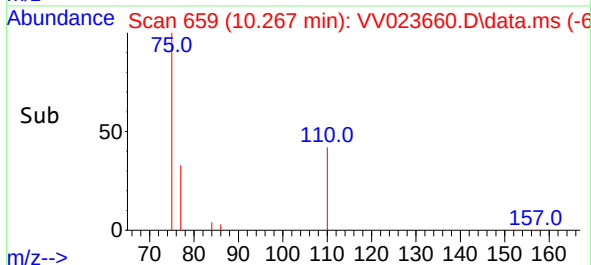
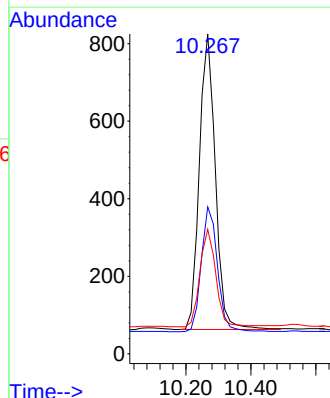
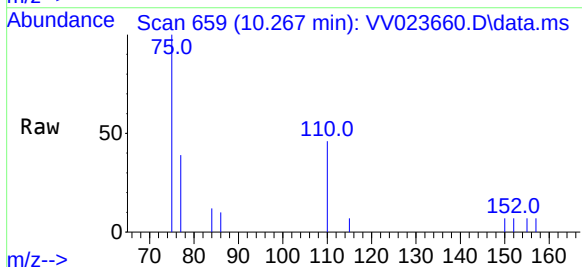
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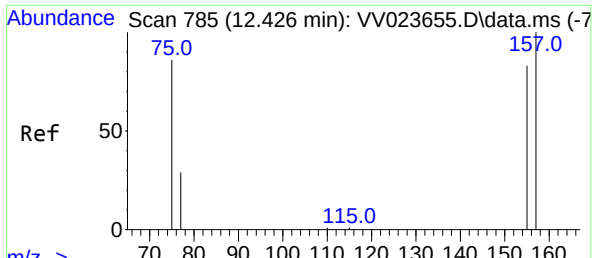
Tgt Ion:107 Resp: 9455  
Ion Ratio Lower Upper  
107 100  
109 93.7 64.3 119.3  
188 5.7 7.4 11.2#



#12  
1,2,3-Trichloropropane  
Concen: 0.519 ug/L  
RT: 10.267 min Scan# 659  
Delta R.T. 0.000 min  
Lab File: VV023660.D  
Acq: 22 Nov 2021 14:38

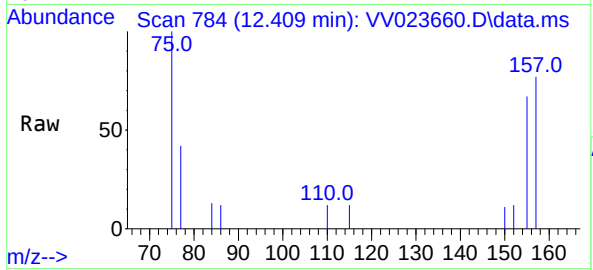
Tgt Ion: 75 Resp: 2600  
Ion Ratio Lower Upper  
75 100  
110 42.9 33.8 50.6  
77 32.6 25.4 38.2





#13  
 1,2-Dibromo-3-chloropropane  
 Concen: 1.688 ug/L  
 RT: 12.409 min Scan# 71  
 Delta R.T. -0.017 min  
 Lab File: VV023660.D  
 Acq: 22 Nov 2021 14:38

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
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Tgt Ion: 75 Resp: 1514

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 75  | 100   |       |        |
| 157 | 77.4  | 85.7  | 128.5# |
| 155 | 67.1  | 74.3  | 111.5# |

