

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV013121\  
 Data File : VV020229.D  
 Acq On : 29 Jan 2021 18:46  
 Operator : SY/MD  
 Sample : L5214-02  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 MDL-WATER-QT1-2021-02

Manual Integrations  
 APPROVED

Quant Time: Jan 30 03:50:08 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVSIM013121.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Jan 30 03:45:01 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response           | Conc | Units  | Dev(Min) |
|-------------------------------|----------------|------|--------------------|------|--------|----------|
| -----                         |                |      |                    |      |        |          |
| Internal Standards            |                |      |                    |      |        |          |
| 1) 1,4-Difluorobenzene        | 5.639          | 114  | 12500              | 0.50 | ug/L   | 0.00     |
| 5) Chlorobenzene-d5           | 8.864          | 117  | 11880              | 0.50 | ug/L   | 0.00     |
| 11) 1,4-Dichlorobenzene-d4    | 11.261         | 152  | 6042               | 0.50 | ug/L   | 0.00     |
|                               |                |      |                    |      |        |          |
| System Monitoring Compounds   |                |      |                    |      |        |          |
| 2) Vinyl Chloride-d3          | 1.303          | 65   | 7730               | 0.49 | ug/L   | 0.00     |
| Spiked Amount 0.500           | Range 40 - 130 |      | Recovery = 98.00%  |      |        |          |
| 4) 1,2-Dichloroethane-d4      | 5.043          | 65   | 4763               | 0.50 | ug/L   | 0.00     |
| Spiked Amount 0.500           | Range 70 - 130 |      | Recovery = 100.00% |      |        |          |
| 7) 1,2-Dichloropropane-d6     | 6.069          | 67   | 5648               | 0.52 | ug/L   | 0.00     |
| Spiked Amount 0.500           | Range 60 - 140 |      | Recovery = 104.00% |      |        |          |
| 8) Toluene-d8                 | 7.317          | 98   | 14878              | 0.49 | ug/L   | 0.00     |
| Spiked Amount 0.500           | Range 70 - 130 |      | Recovery = 98.00%  |      |        |          |
| 10) 1,1,2,2-Tetrachloroeth... | 10.216         | 84   | 3238               | 0.50 | ug/L   | 0.00     |
| Spiked Amount 0.500           | Range 65 - 120 |      | Recovery = 100.00% |      |        |          |
|                               |                |      |                    |      |        |          |
| Target Compounds              |                |      |                    |      |        | Qvalue   |
| 3) Vinyl chloride             | 1.310          | 62   | 461                | 0.03 | ug/L # | 30       |
| 6) Trichloroethene            | 5.926          | 95   | 283                | 0.03 | ug/L   | 90       |
| 9) 1,2-Dibromoethane          | 8.369          | 107  | 129                | 0.02 | ug/L # | 87       |
| 12) 1,2,3-Trichloropropane    | 10.267         | 75   | 132                | 0.03 | ug/L   | 95       |
| 13) 1,2-Dibromo-3-chloropr... | 12.427         | 75   | 29m                | 0.03 | ug/L   |          |
| -----                         |                |      |                    |      |        |          |

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

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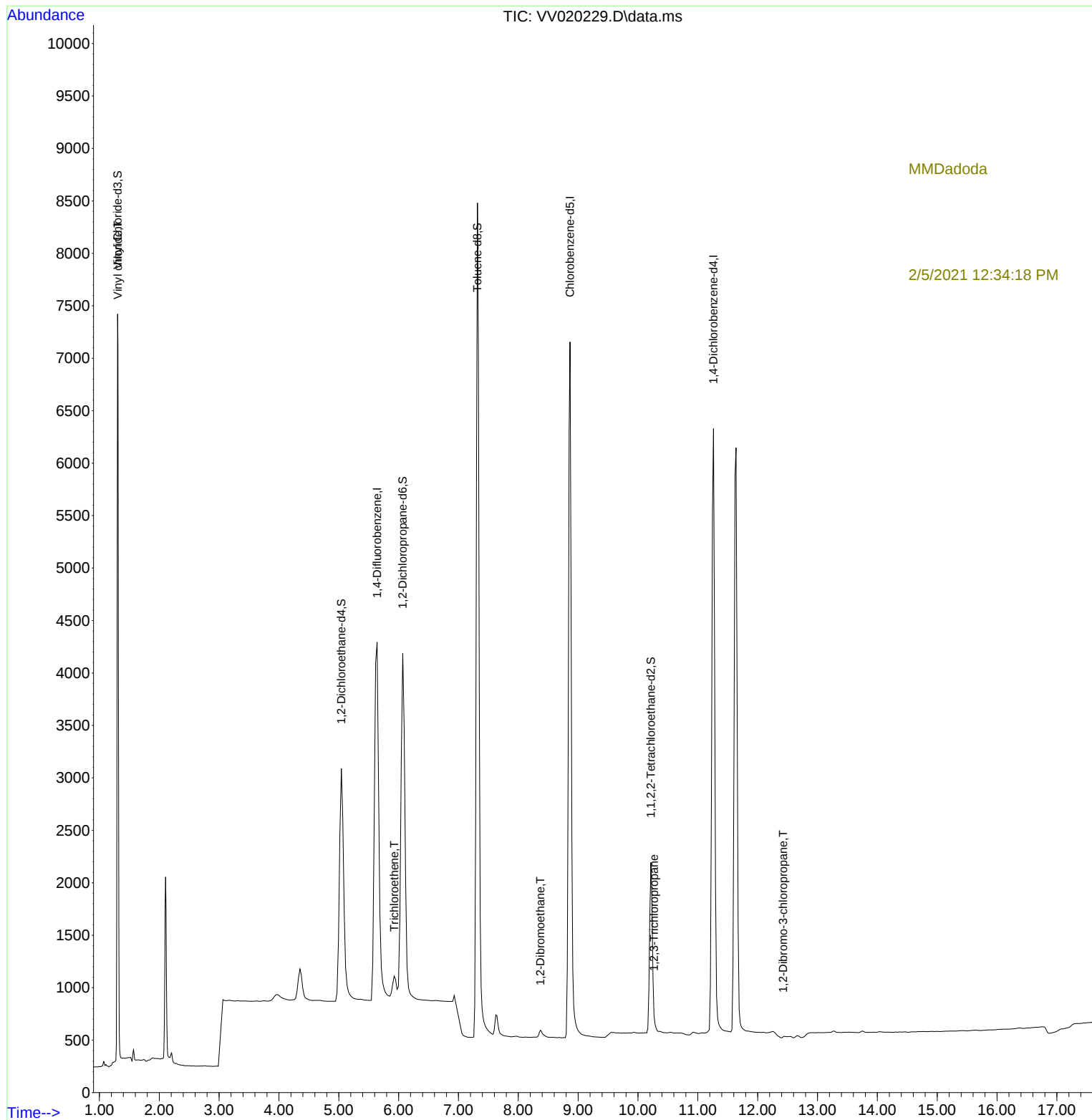
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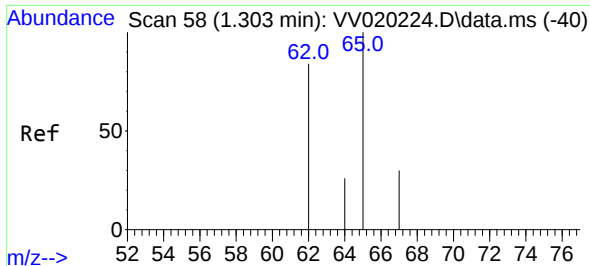
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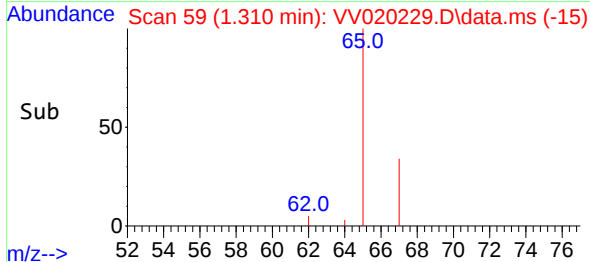
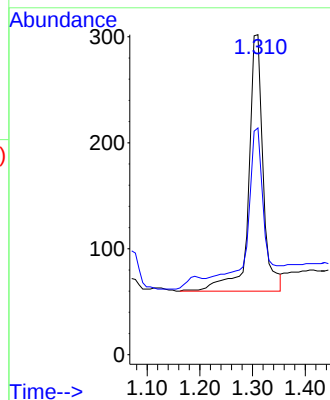
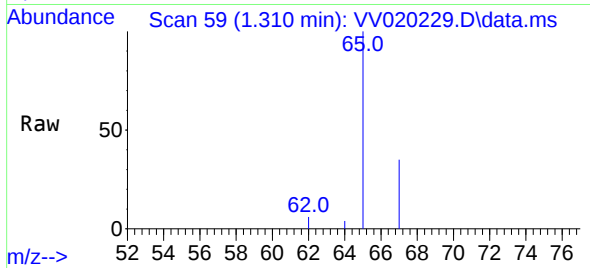


#3  
Vinyl chloride  
Concen: 0.03 ug/L  
RT: 1.310 min Scan# 59  
Delta R.T. 0.007 min  
Lab File: VV020229.D  
Acq: 29 Jan 2021 18:46

Tgt Ion: 62 Resp: 461  
Ion Ratio Lower Upper  
62 100  
64 70.9 22.3 41.3#

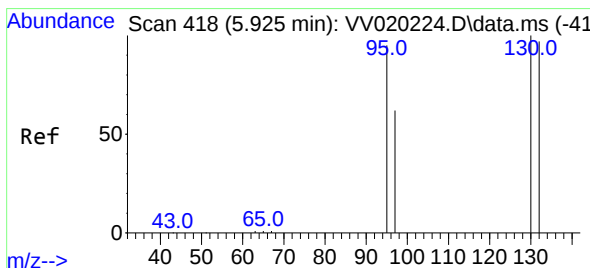
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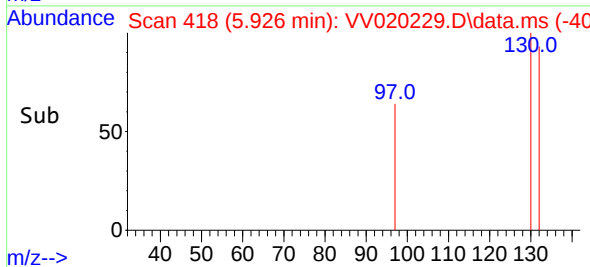
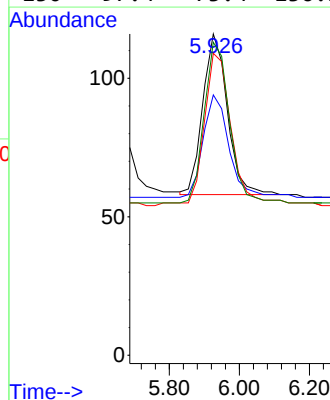
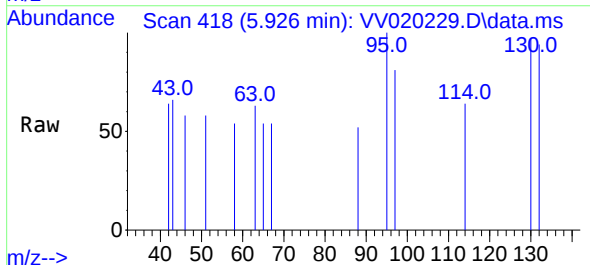
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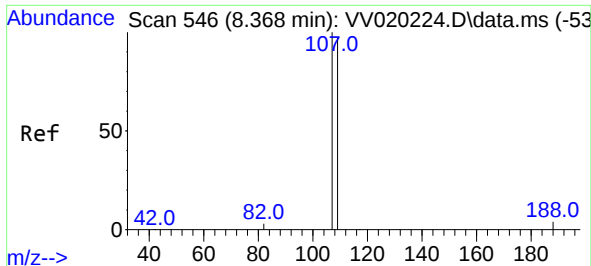
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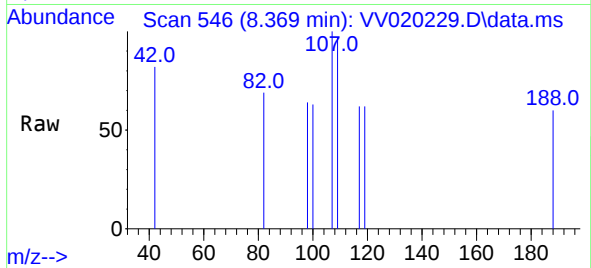
#6  
Trichloroethene  
Concen: 0.03 ug/L  
RT: 5.926 min Scan# 418  
Delta R.T. 0.000 min  
Lab File: VV020229.D  
Acq: 29 Jan 2021 18:46

Tgt Ion: 95 Resp: 283  
Ion Ratio Lower Upper  
95 100  
97 81.0 46.8 86.8  
132 94.0 71.3 132.5  
130 97.4 73.4 136.2

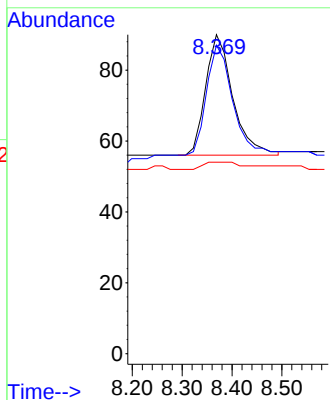




#9  
1,2-Dibromoethane  
Concen: 0.02 ug/L  
RT: 8.369 min Scan# 546  
Delta R.T. 0.000 min  
Lab File: VV020229.D  
Acq: 29 Jan 2021 18:46



Tgt Ion: 107 Resp: 129  
Ion Ratio Lower Upper  
107 100  
109 96.7 67.8 126.0  
188 60.0 7.8 11.8#

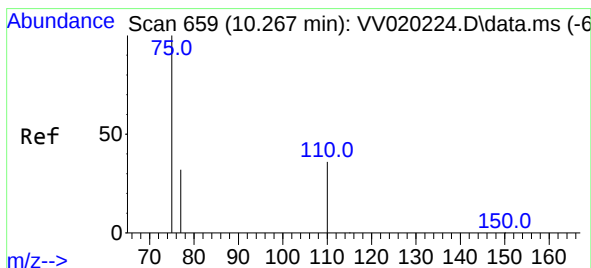


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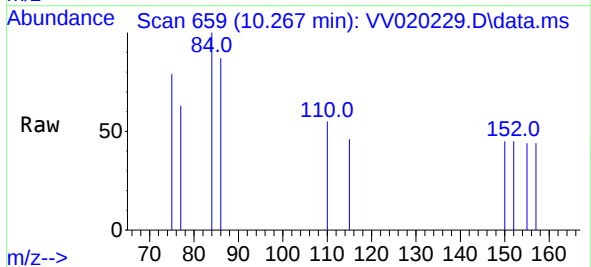
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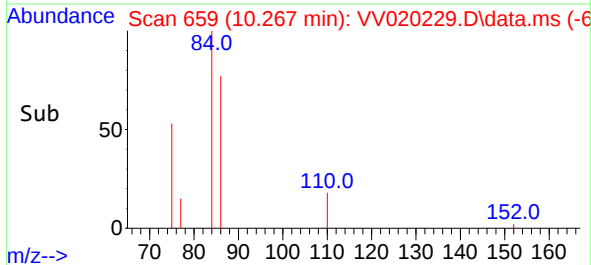
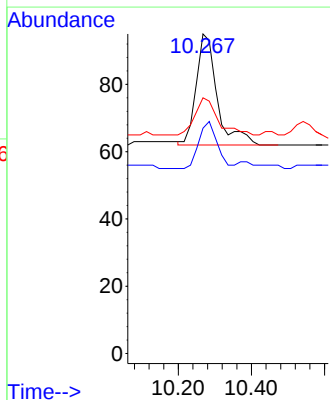
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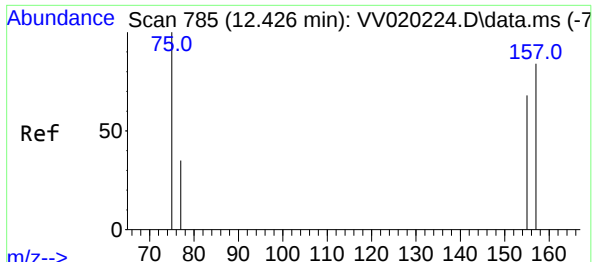


#12  
1,2,3-Trichloropropane  
Concen: 0.03 ug/L  
RT: 10.267 min Scan# 659  
Delta R.T. 0.000 min  
Lab File: VV020229.D  
Acq: 29 Jan 2021 18:46

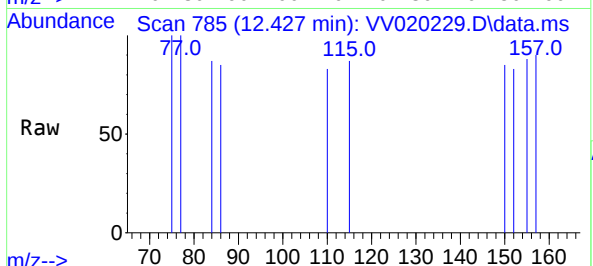


Tgt Ion: 75 Resp: 132  
Ion Ratio Lower Upper  
75 100  
110 37.1 32.4 48.6  
77 35.6 26.6 40.0

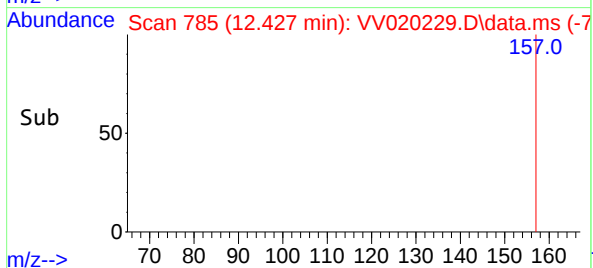
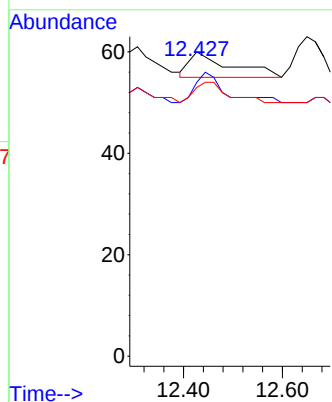




#13  
 1,2-Dibromo-3-chloropropane  
 Concen: 0.03 ug/L m  
 RT: 12.427 min Scan# 785  
 Delta R.T. 0.000 min  
 Lab File: VV020229.D  
 Acq: 29 Jan 2021 18:46



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 29    |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 157      | 90.0  | 67.9  | 101.9 |
| 155      | 88.3  | 59.1  | 88.7  |



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