

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU021123\  
 Data File : VU053064.D  
 Acq On : 11 Feb 2023 21:43  
 Operator : JC/MD  
 Sample : 01533-08  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 COM79

Quant Time: Feb 12 22:52:28 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR021023WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sun Feb 12 22:49:21 2023  
 Response via : Initial Calibration

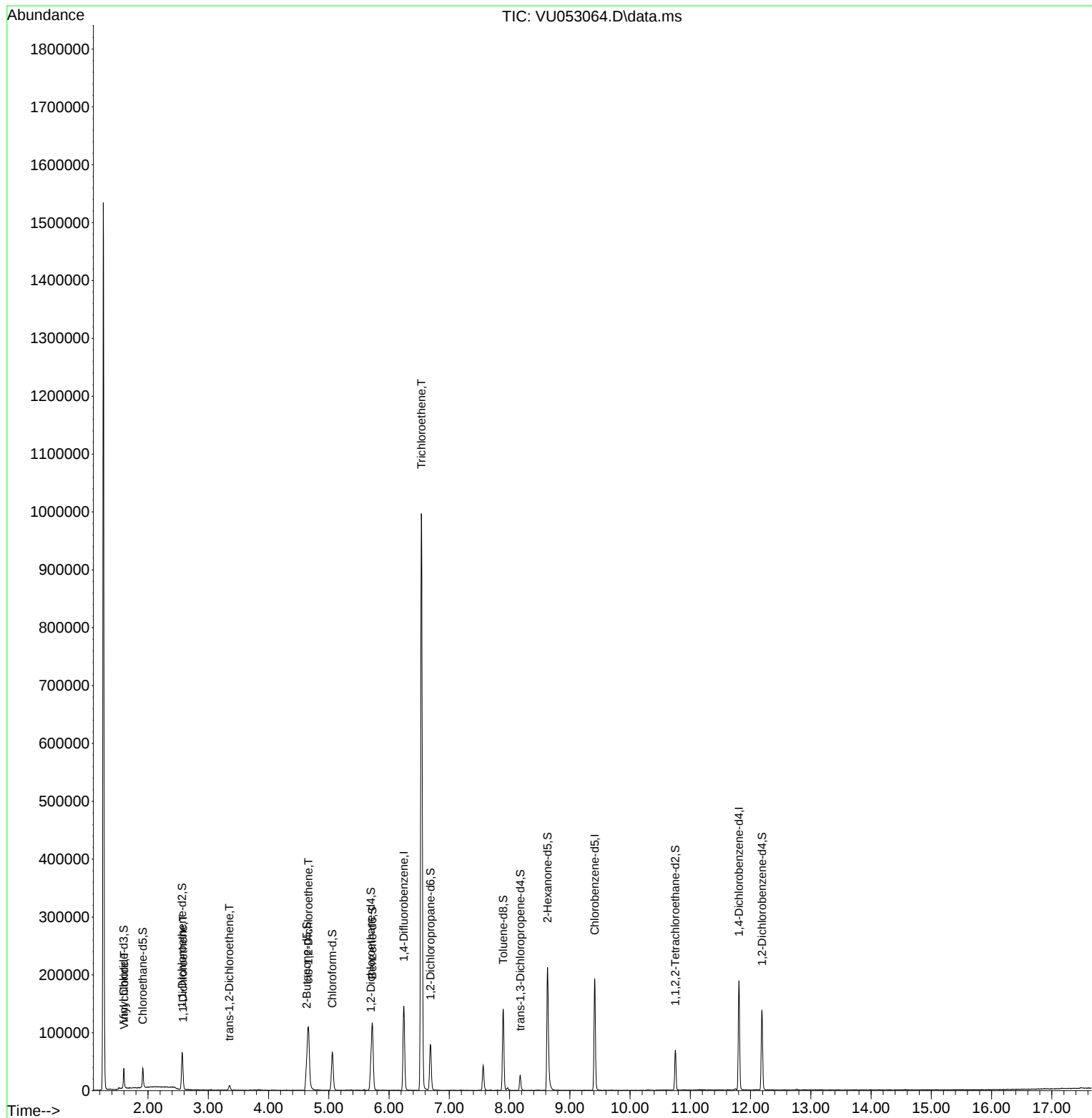
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.244  | 114            | 118420   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.414  | 117            | 104220   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152            | 47538    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.598  | 65             | 23491    | 4.141  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 82.800%  |          |
| 7) Chloroethane-d5            | 1.913  | 69             | 23399    | 4.388  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 87.800%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.566  | 65             | 10552    | 4.055  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 81.200%  |          |
| 20) 2-Butanone-d5             | 4.636  | 46             | 94075    | 54.145 | ug/L     | -0.01    |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 108.300% |          |
| 24) Chloroform-d              | 5.058  | 84             | 58602    | 4.489  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 89.800%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65             | 31366    | 4.768  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 95.400%  |          |
| 32) Benzene-d6                | 5.723  | 84             | 110360   | 4.712  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 94.200%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.688  | 67             | 40076    | 4.913  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 98.200%  |          |
| 41) Toluene-d8                | 7.894  | 98             | 96239    | 4.549  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 91.000%  |          |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79             | 14820    | 4.488  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 89.800%  |          |
| 46) 2-Hexanone-d5             | 8.630  | 63             | 77711    | 53.007 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 106.020% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.752 | 84             | 34705    | 4.954  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 99.000%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.189 | 152            | 35366    | 4.980  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 99.600%  |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 5) Vinyl chloride             | 1.604  | 62             | 1204     | 0.121  | ug/L #   | 59       |
| 12) 1,1-Dichloroethene        | 2.579  | 96             | 4388     | 0.626  | ug/L #   | 1        |
| 18) trans-1,2-Dichloroethene  | 3.350  | 96             | 3457     | 0.466  | ug/L     | 100      |
| 22) cis-1,2-Dichloroethene    | 4.662  | 96             | 42297    | 5.056  | ug/L     | 96       |
| 34) Trichloroethene           | 6.537  | 95             | 343750   | 40.679 | ug/L     | 98       |
| -----                         |        |                |          |        |          |          |

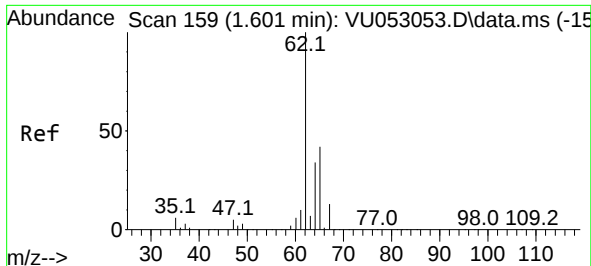
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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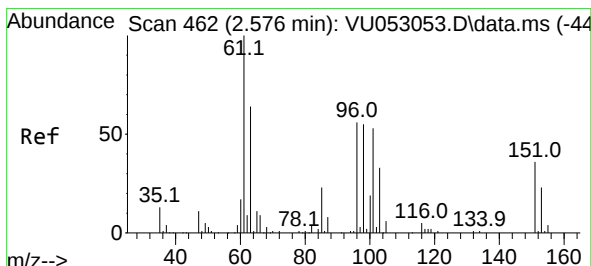
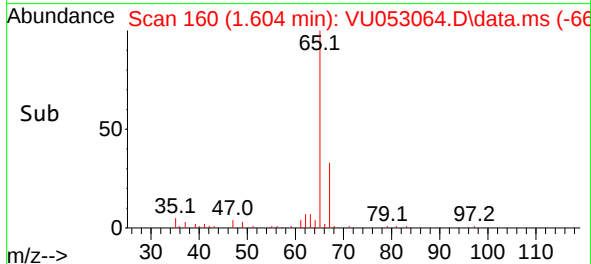
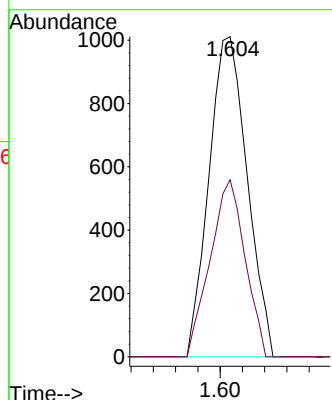
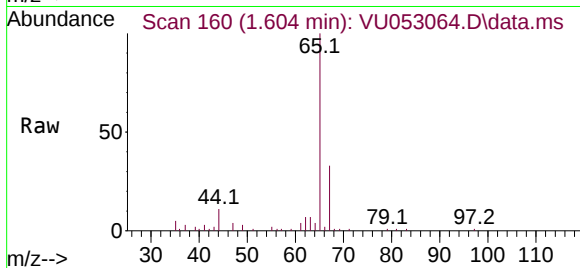




#5  
 Vinyl chloride  
 Concen: 0.121 ug/L  
 RT: 1.604 min Scan# 1  
 Delta R.T. 0.003 min  
 Lab File: VU053064.D  
 Acq: 11 Feb 2023 21:43

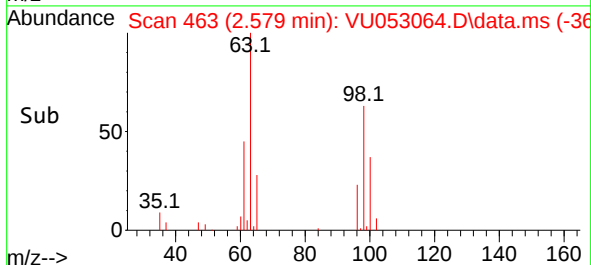
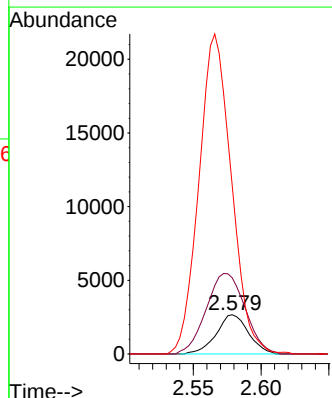
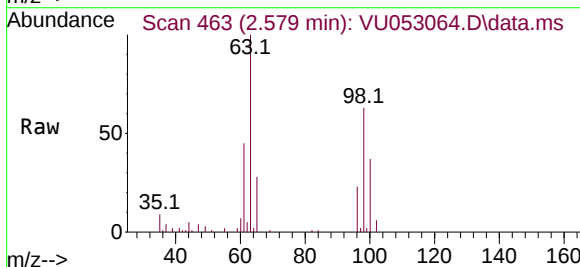
Instrument :  
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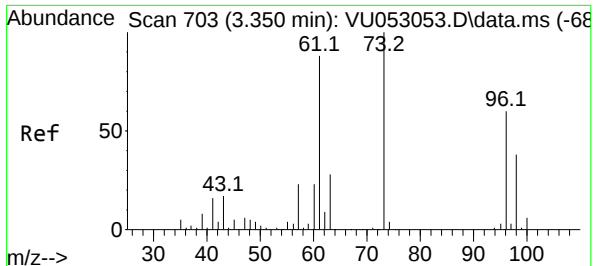
Tgt Ion: 62 Resp: 1204  
 Ion Ratio Lower Upper  
 62 100  
 64 55.3 22.5 41.9#



#12  
 1,1-Dichloroethene  
 Concen: 0.626 ug/L  
 RT: 2.579 min Scan# 463  
 Delta R.T. 0.003 min  
 Lab File: VU053064.D  
 Acq: 11 Feb 2023 21:43

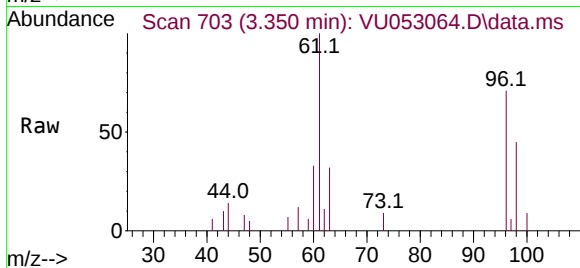
Tgt Ion: 96 Resp: 4388  
 Ion Ratio Lower Upper  
 96 100  
 61 194.2 115.1 213.7  
 63 430.1 63.6 118.0#



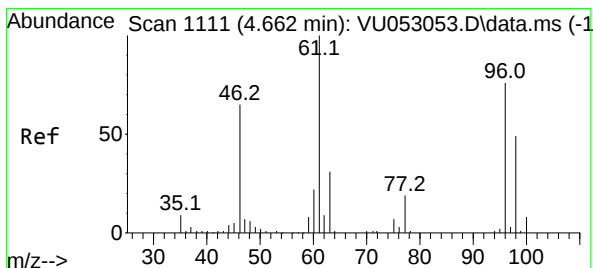
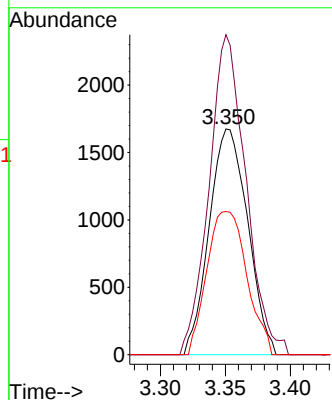
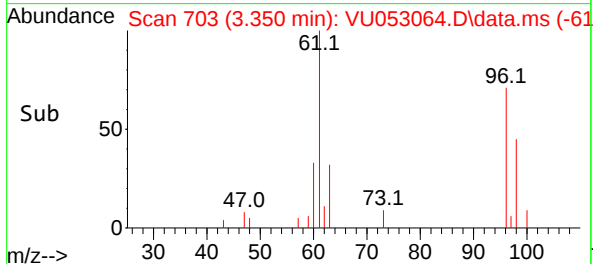


#18  
trans-1,2-Dichloroethene  
Concen: 0.466 ug/L  
RT: 3.350 min Scan# 703  
Delta R.T. -0.000 min  
Lab File: VU053064.D  
Acq: 11 Feb 2023 21:43

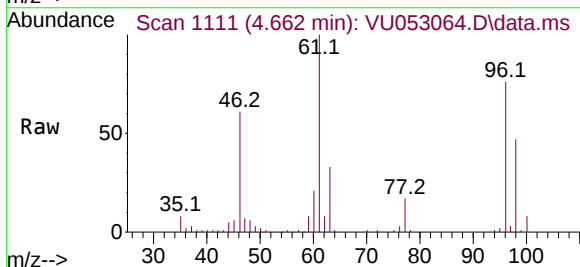
Instrument :  
MSVOA\_U  
ClientSampleId :  
COM79



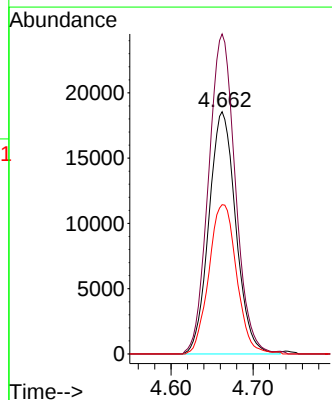
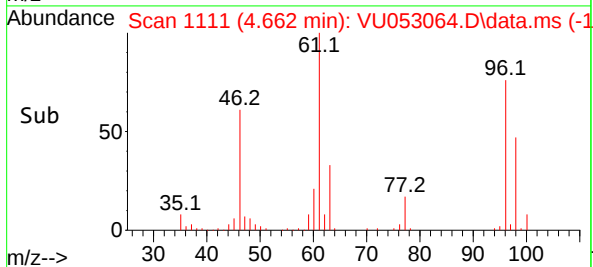
Tgt Ion: 96 Resp: 3457  
Ion Ratio Lower Upper  
96 100  
61 141.7 99.5 184.9  
98 63.5 44.8 83.2

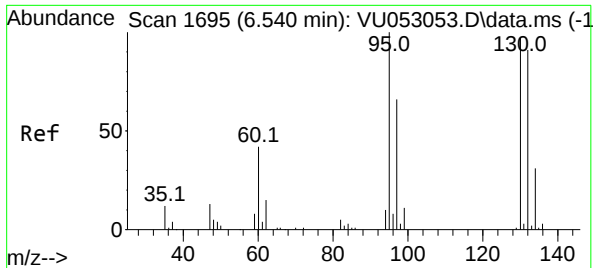


#22  
cis-1,2-Dichloroethene  
Concen: 5.056 ug/L  
RT: 4.662 min Scan# 1111  
Delta R.T. -0.000 min  
Lab File: VU053064.D  
Acq: 11 Feb 2023 21:43



Tgt Ion: 96 Resp: 42297  
Ion Ratio Lower Upper  
96 100  
61 132.1 90.9 168.9  
98 61.6 47.0 87.4





#34  
 Trichloroethene  
 Concen: 40.679 ug/L  
 RT: 6.537 min Scan# 1  
 Delta R.T. -0.003 min  
 Lab File: VU053064.D  
 Acq: 11 Feb 2023 21:43

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
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Tgt Ion: 95 Resp: 343750

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 63.9  | 44.7  | 82.9  |
| 132 | 88.1  | 62.3  | 115.7 |
| 130 | 94.8  | 64.0  | 118.8 |

