

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092523\  
 Data File : VU055491.D  
 Acq On : 25 Sep 2023 13:33  
 Operator : MD/SY  
 Sample : 04579-07  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EYHY9

Quant Time: Sep 26 01:22:23 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR091923WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Mon Sep 25 01:08:17 2023  
 Response via : Initial Calibration

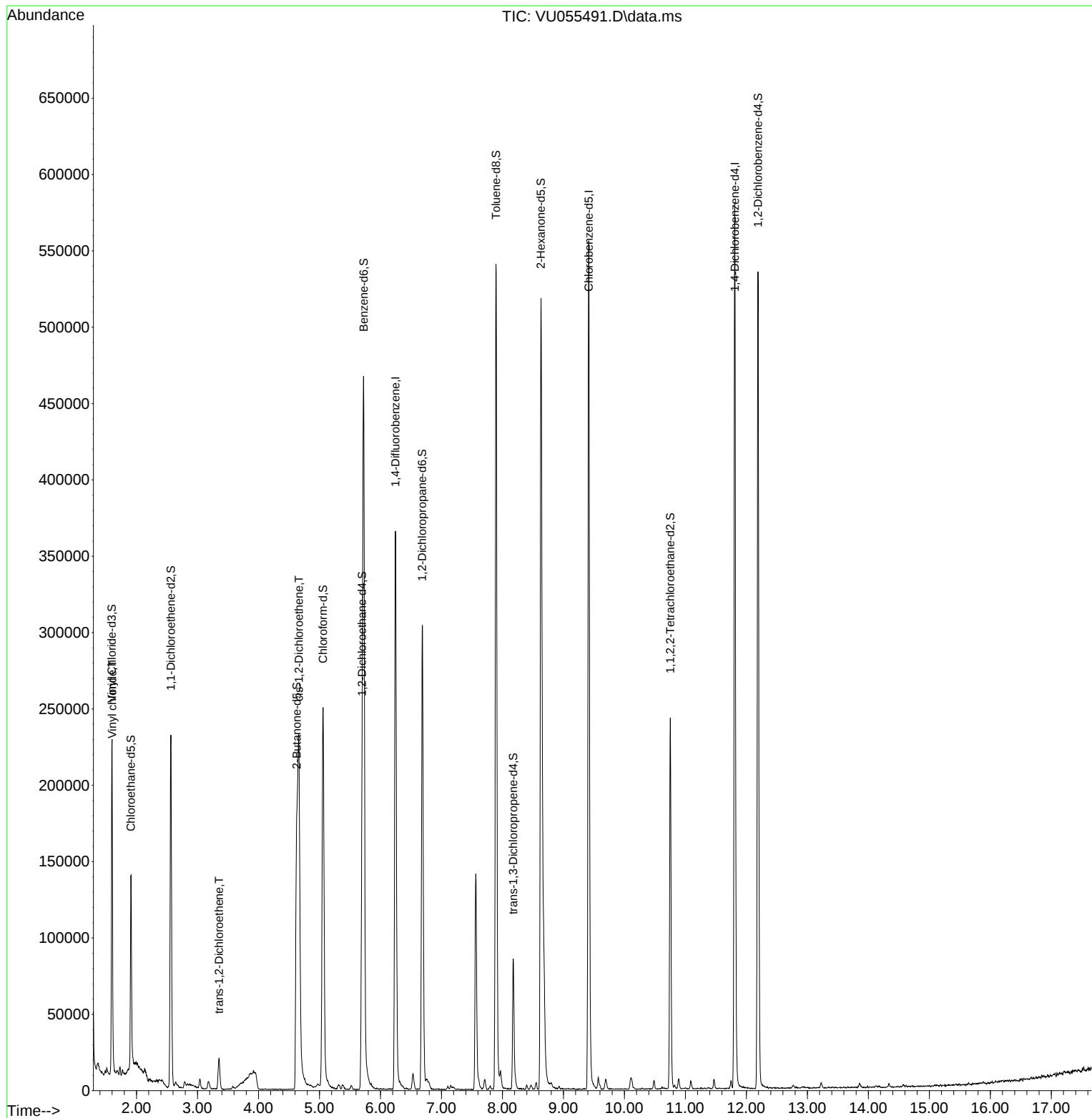
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114   | 310016   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.415  | 117   | 323125   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.811 | 152   | 157343   | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 96749    | 3.088    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 61.800%  |
| 7) Chloroethane-d5            | 1.907  | 69    | 91896    | 3.328    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 66.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    | 43333    | 3.360    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 67.200%  |
| 20) 2-Butanone-d5             | 4.628  | 46    | 303836   | 53.686   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 107.380% |
| 24) Chloroform-d              | 5.058  | 84    | 239949   | 4.234    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 84.600%  |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65    | 125414   | 4.600    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 92.000%  |
| 32) Benzene-d6                | 5.724  | 84    | 453283   | 4.011    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 80.200%  |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67    | 149710   | 4.433    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 88.600%  |
| 41) Toluene-d8                | 7.894  | 98    | 373910   | 3.630    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 72.600%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 51498    | 4.346    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 87.000%  |
| 46) 2-Hexanone-d5             | 8.631  | 63    | 166355   | 46.150   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 92.300%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84    | 121403   | 4.797    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 96.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 145842   | 4.592    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 91.800%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 5) Vinyl chloride             | 1.602  | 62    | 71393    | 2.492    | ug/L   | 95       |
| 18) trans-1,2-Dichloroethene  | 3.354  | 96    | 7797     | 0.357    | ug/L   | 98       |
| 22) cis-1,2-Dichloroethene    | 4.663  | 96    | 92946    | 3.669    | ug/L   | 99       |
| -----                         |        |       |          |          |        |          |

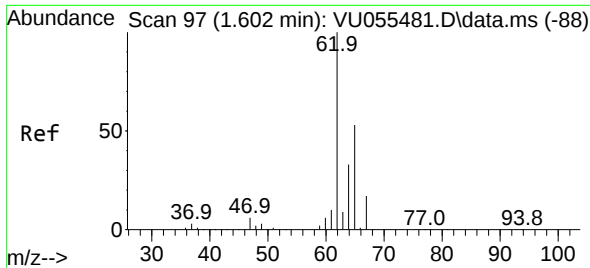
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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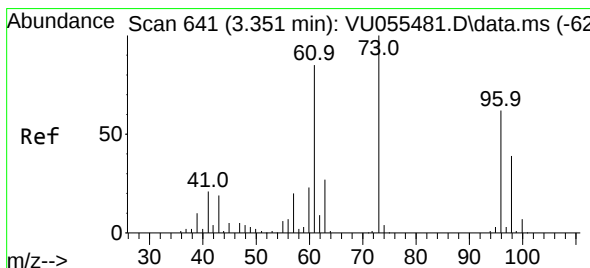
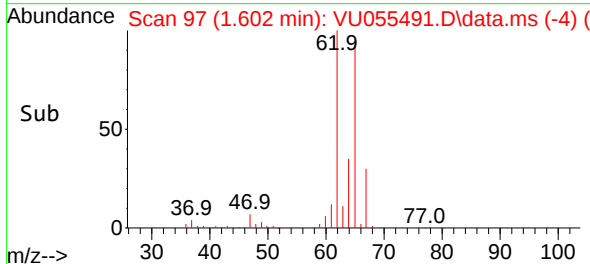
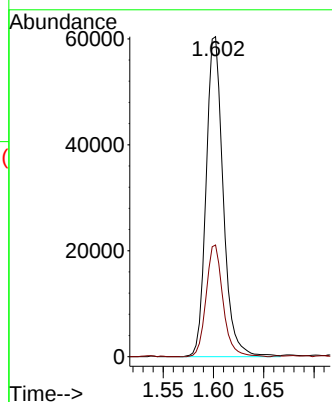
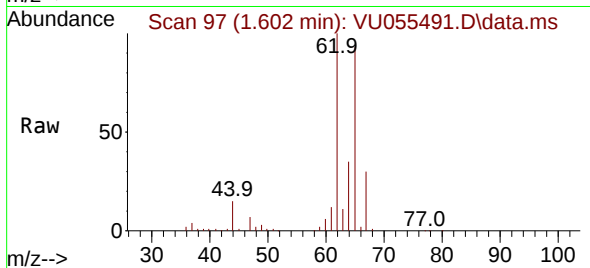




#5  
 Vinyl chloride  
 Concen: 2.492 ug/L  
 RT: 1.602 min Scan# 91  
 Delta R.T. 0.000 min  
 Lab File: VU055491.D  
 Acq: 25 Sep 2023 13:33

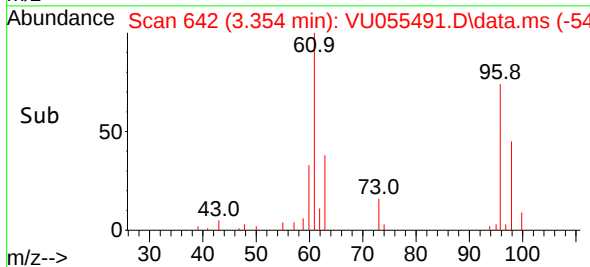
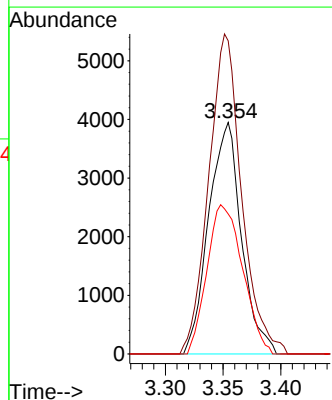
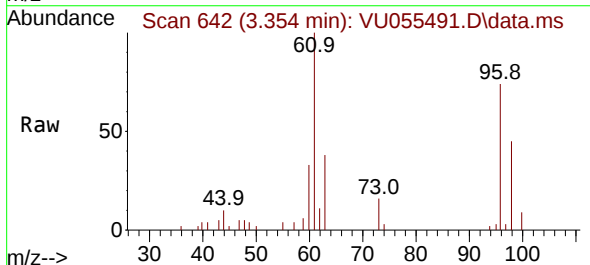
Instrument :  
 MSVOA\_U  
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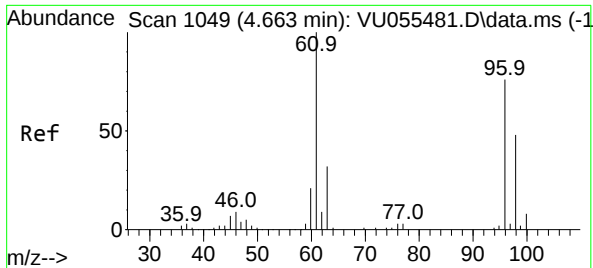
Tgt Ion: 62 Resp: 71393  
 Ion Ratio Lower Upper  
 62 100  
 64 34.9 22.3 41.5



#18  
 trans-1,2-Dichloroethene  
 Concen: 0.357 ug/L  
 RT: 3.354 min Scan# 642  
 Delta R.T. 0.007 min  
 Lab File: VU055491.D  
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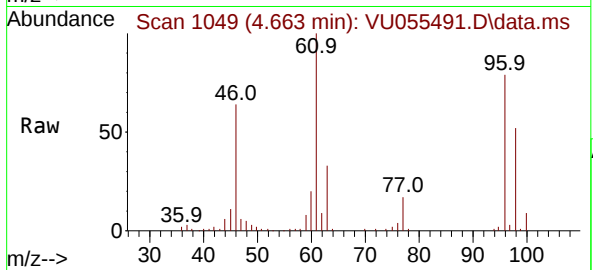
Tgt Ion: 96 Resp: 7797  
 Ion Ratio Lower Upper  
 96 100  
 61 135.3 94.6 175.6  
 98 60.5 45.7 84.9





#22  
 cis-1,2-Dichloroethene  
 Concen: 3.669 ug/L  
 RT: 4.663 min Scan# 1049  
 Delta R.T. 0.003 min  
 Lab File: VU055491.D  
 Acq: 25 Sep 2023 13:33

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 MSVOA\_U  
 ClientSampleId :  
 EYHY9



|             |                  |
|-------------|------------------|
| Tgt Ion: 96 | Resp: 92946      |
| Ion Ratio   | Lower Upper      |
| 96          | 100              |
| 61          | 126.6 87.8 163.2 |
| 98          | 65.3 44.4 82.4   |

