

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092723\  
 Data File : VU055555.D  
 Acq On : 27 Sep 2023 16:47  
 Operator : MD/SY  
 Sample : 04530-15  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EYJ04

Quant Time: Sep 27 23:36:00 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR091923WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Sep 27 23:33:30 2023  
 Response via : Initial Calibration

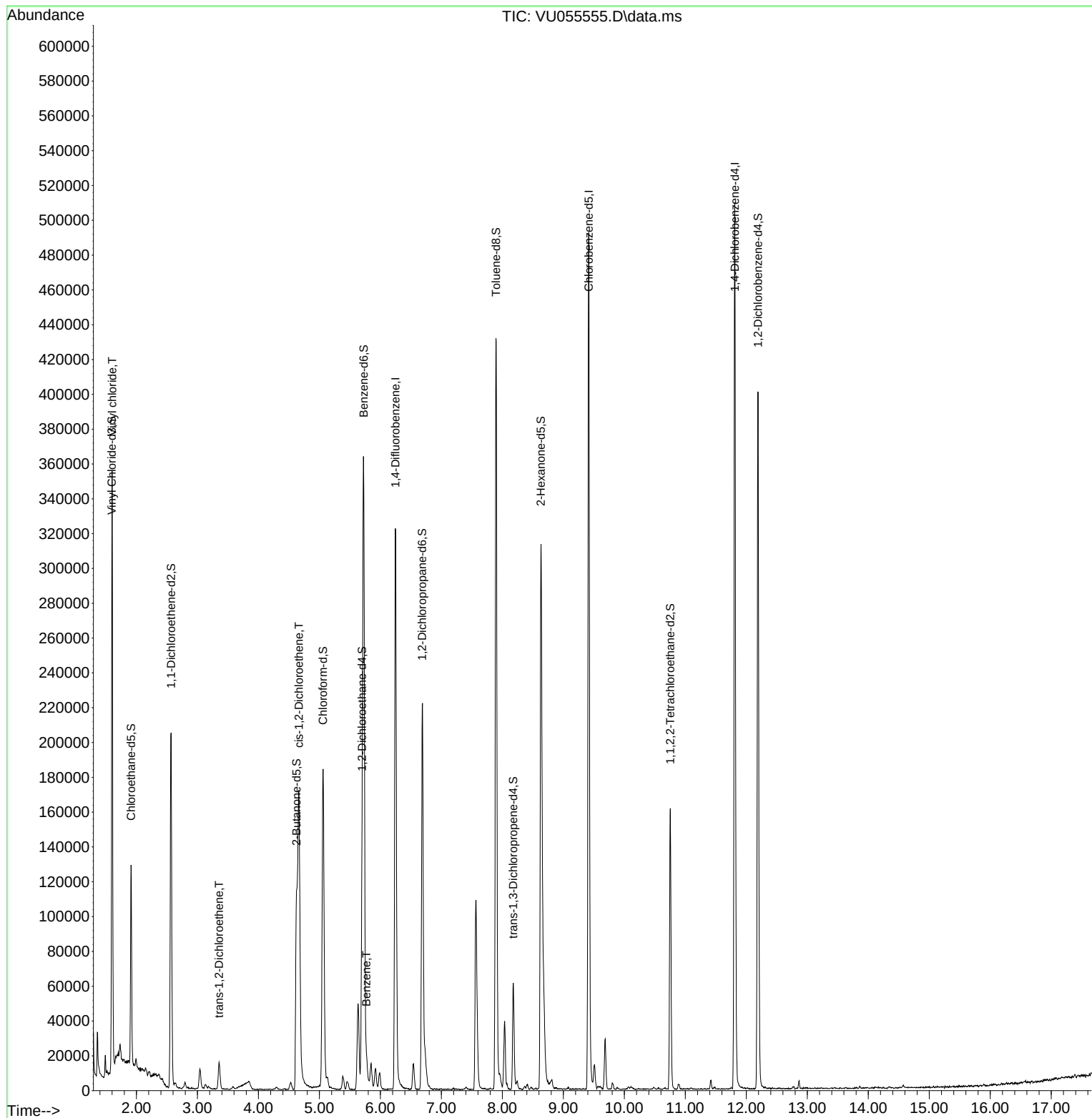
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.248  | 114   | 267546   | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.415  | 117   | 283146   | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.811 | 152   | 137794   | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 96574    | 3.571    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 71.400%  |
| 7) Chloroethane-d5            | 1.911  | 69    | 80751    | 3.389    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 67.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.567  | 65    | 37907    | 3.406    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 68.200%  |
| 20) 2-Butanone-d5             | 4.624  | 46    | 184275   | 37.729   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 75.460%  |
| 24) Chloroform-d              | 5.059  | 84    | 175205   | 3.582    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 71.600%  |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65    | 84311    | 3.584    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 71.600%  |
| 32) Benzene-d6                | 5.724  | 84    | 354503   | 3.579    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 71.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67    | 107856   | 3.645    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 72.800%  |
| 41) Toluene-d8                | 7.898  | 98    | 302395   | 3.350    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 67.000%# |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 36120    | 3.478    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 69.600%  |
| 46) 2-Hexanone-d5             | 8.631  | 63    | 97600    | 30.899   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 61.800%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84    | 80723    | 3.640    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 72.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 104896   | 3.772    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 75.400%# |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 5) Vinyl chloride             | 1.602  | 62    | 153018   | 6.190    | ug/L  | 99       |
| 18) trans-1,2-Dichloroethene  | 3.354  | 96    | 4506     | 0.239    | ug/L  | 98       |
| 22) cis-1,2-Dichloroethene    | 4.663  | 96    | 78263    | 3.580    | ug/L  | 97       |
| 33) Benzene                   | 5.769  | 78    | 10666    | 0.131    | ug/L  | 100      |
| -----                         |        |       |          |          |       |          |

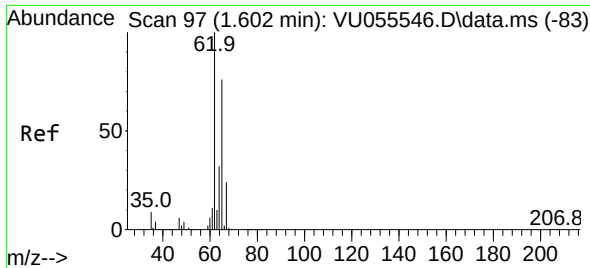
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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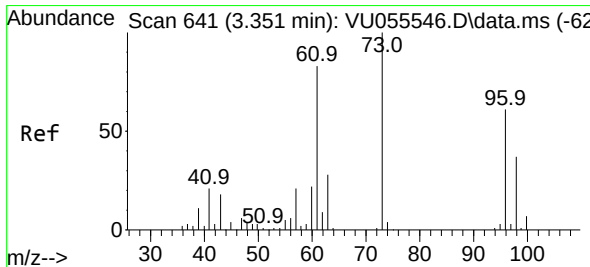
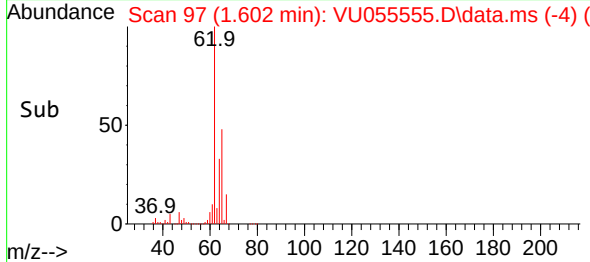
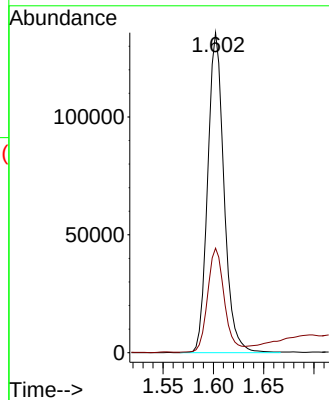
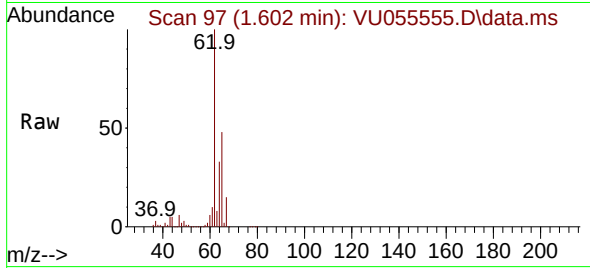




#5  
 Vinyl chloride  
 Concen: 6.190 ug/L  
 RT: 1.602 min Scan# 91  
 Delta R.T. -0.000 min  
 Lab File: VU055555.D  
 Acq: 27 Sep 2023 16:47

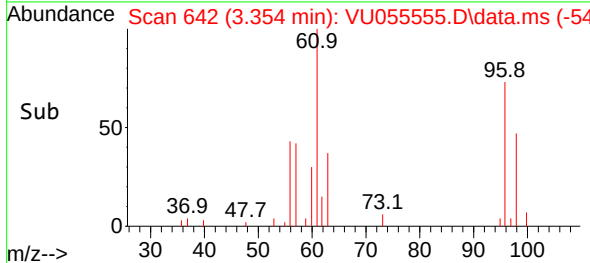
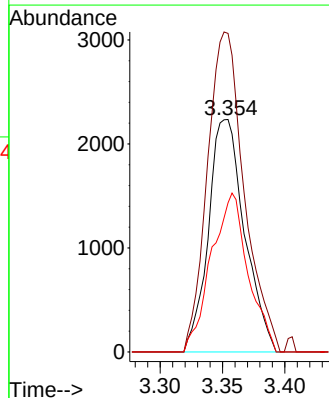
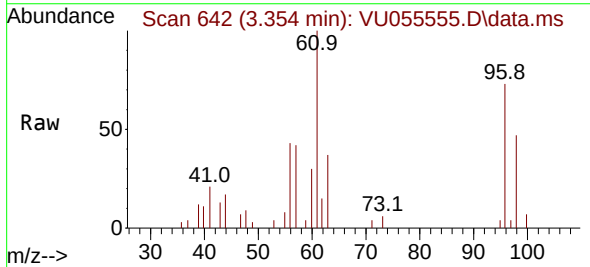
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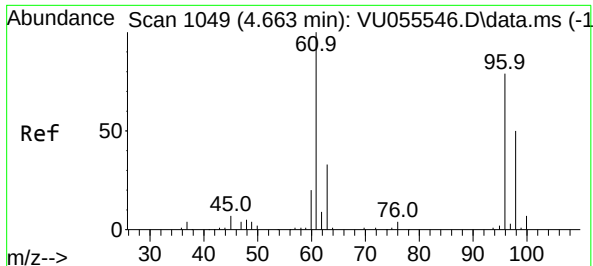
Tgt Ion: 62 Resp: 153018  
 Ion Ratio Lower Upper  
 62 100  
 64 32.7 22.3 41.5



#18  
 trans-1,2-Dichloroethene  
 Concen: 0.239 ug/L  
 RT: 3.354 min Scan# 642  
 Delta R.T. 0.003 min  
 Lab File: VU055555.D  
 Acq: 27 Sep 2023 16:47

Tgt Ion: 96 Resp: 4506  
 Ion Ratio Lower Upper  
 96 100  
 61 137.0 94.6 175.6  
 98 64.1 45.7 84.9

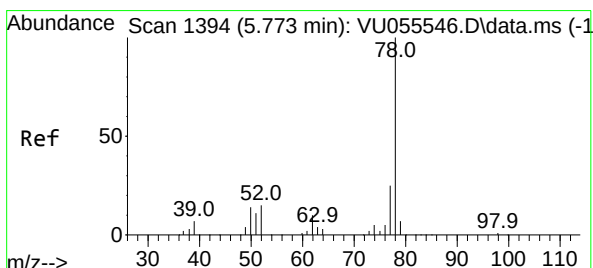
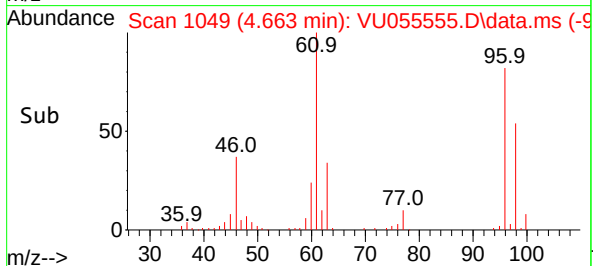
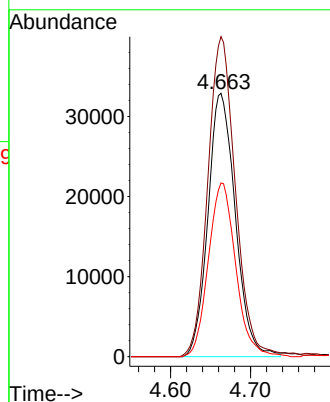
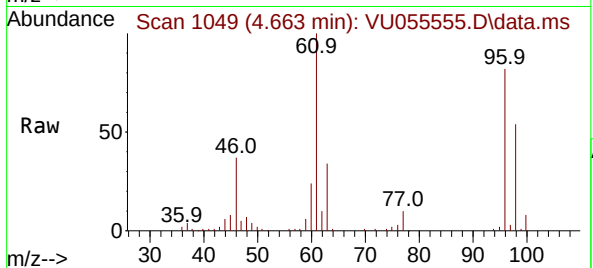




#22  
 cis-1,2-Dichloroethene  
 Concen: 3.580 ug/L  
 RT: 4.663 min Scan# 1049  
 Delta R.T. -0.000 min  
 Lab File: VU055555.D  
 Acq: 27 Sep 2023 16:47

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EYJ04

Tgt Ion: 96 Resp: 78263  
 Ion Ratio Lower Upper  
 96 100  
 61 121.5 87.8 163.2  
 98 66.0 44.4 82.4



#33  
 Benzene  
 Concen: 0.131 ug/L  
 RT: 5.769 min Scan# 1393  
 Delta R.T. -0.003 min  
 Lab File: VU055555.D  
 Acq: 27 Sep 2023 16:47

Tgt Ion: 78 Resp: 10666

