

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU091223\  
 Data File : VU055261.D  
 Acq On : 12 Sep 2023 20:33  
 Operator : MD/SY  
 Sample : 04306-16 100X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BH4L2

Quant Time: Sep 13 01:50:35 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR090123WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Sep 13 01:44:08 2023  
 Response via : Initial Calibration

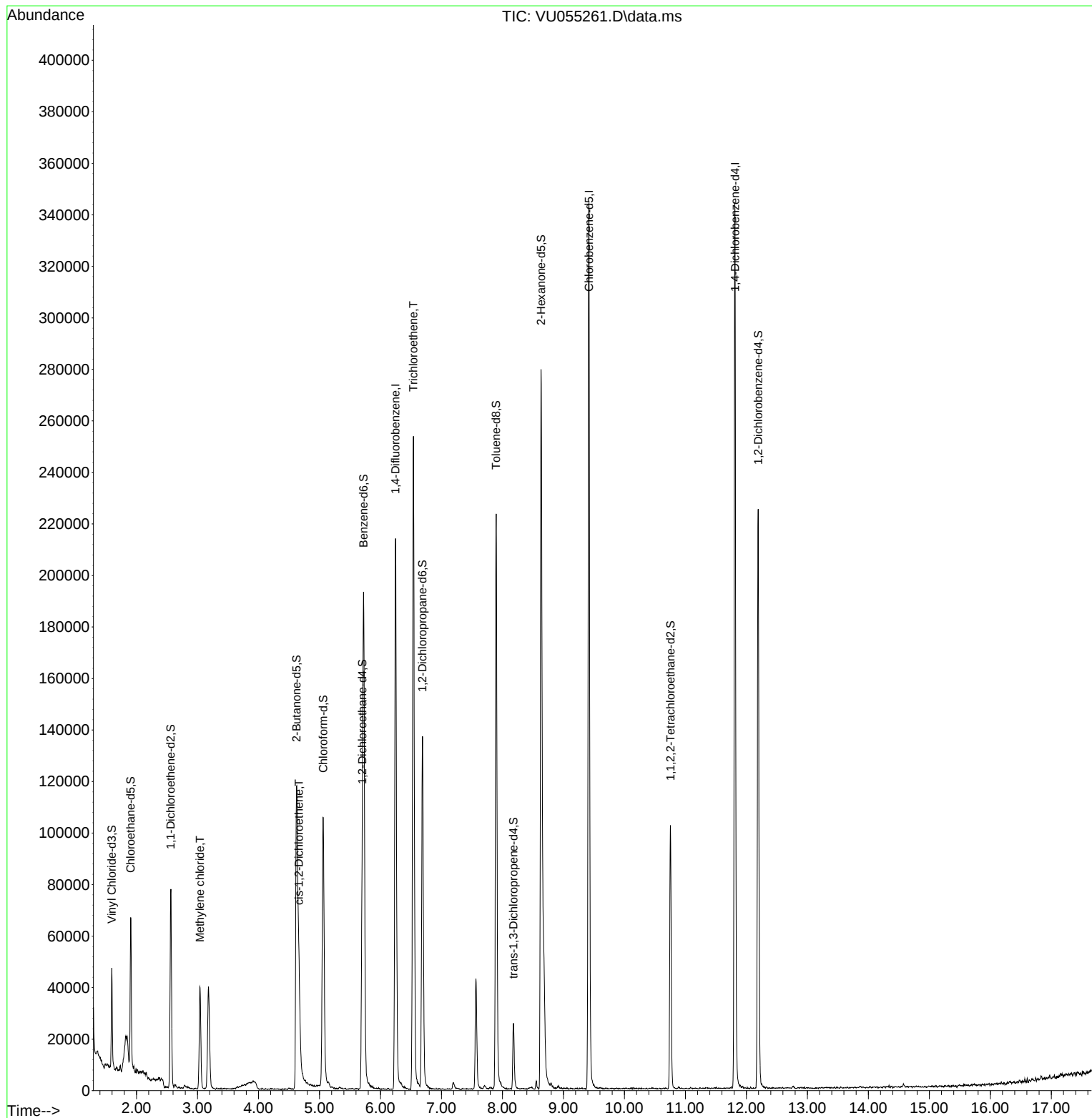
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.248  | 114            | 169577   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.418  | 117            | 191239   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.814 | 152            | 90614    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65             | 26697    | 3.359  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 67.200%  |          |
| 7) Chloroethane-d5            | 1.904  | 69             | 42548    | 4.625  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 92.400%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65             | 14208    | 3.137  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 62.800%  |          |
| 20) 2-Butanone-d5             | 4.624  | 46             | 146508   | 63.523 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 127.040% |          |
| 24) Chloroform-d              | 5.061  | 84             | 96782    | 4.589  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 91.800%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.701  | 65             | 53489    | 5.069  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 101.400% |          |
| 32) Benzene-d6                | 5.724  | 84             | 176870   | 3.747  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 75.000%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.688  | 67             | 64248    | 4.279  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 85.600%  |          |
| 41) Toluene-d8                | 7.897  | 98             | 151794   | 3.491  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 69.800%# |          |
| 43) trans-1,3-Dichloroprop... | 8.180  | 79             | 14936    | 3.612  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 72.200%  |          |
| 46) 2-Hexanone-d5             | 8.634  | 63             | 86266    | 51.391 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 102.780% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.756 | 84             | 50630    | 4.795  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 95.800%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.193 | 152            | 58375    | 4.414  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 88.200%  |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 16) Methylene chloride        | 3.039  | 84             | 17660    | 1.474  | ug/L     | 96       |
| 22) cis-1,2-Dichloroethene    | 4.663  | 96             | 12646    | 1.299  | ug/L     | 91       |
| 34) Trichloroethene           | 6.540  | 95             | 86077    | 7.610  | ug/L     | 96       |
| -----                         |        |                |          |        |          |          |

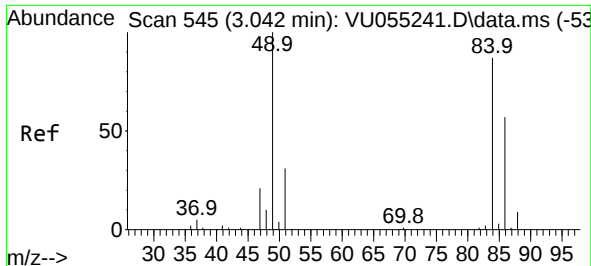
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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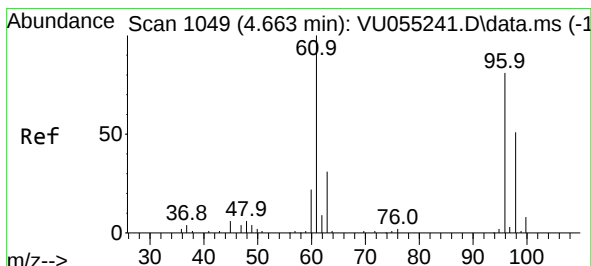
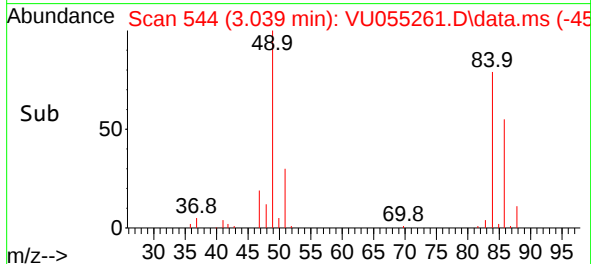
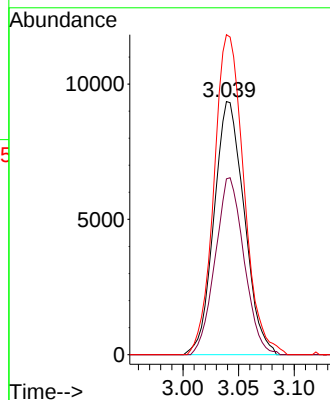
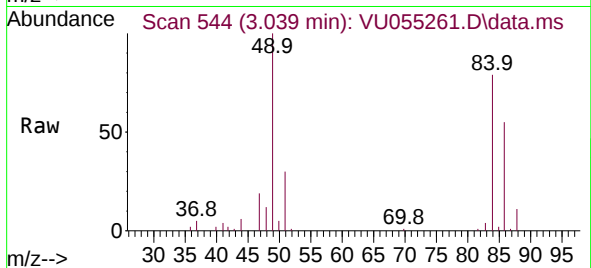




#16  
Methylene chloride  
Concen: 1.474 ug/L  
RT: 3.039 min Scan# 544  
Delta R.T. -0.003 min  
Lab File: VU055261.D  
Acq: 12 Sep 2023 20:33

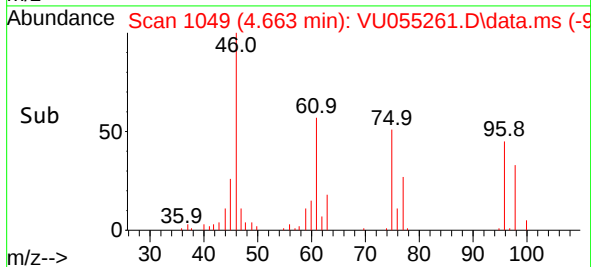
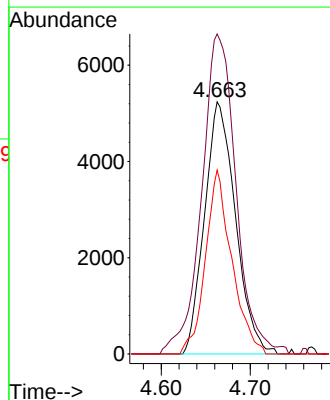
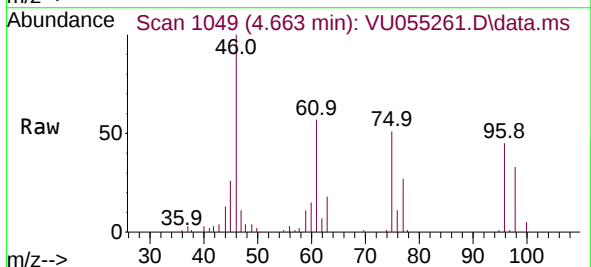
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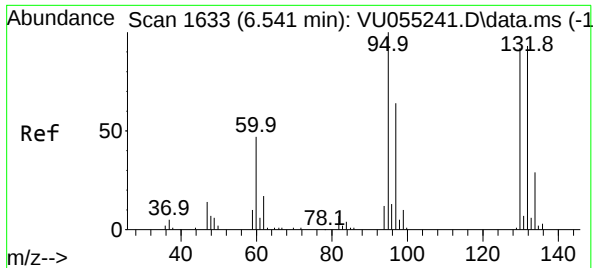
Tgt Ion: 84 Resp: 17660  
Ion Ratio Lower Upper  
84 100  
86 69.5 43.4 80.6  
49 126.4 87.7 162.9



#22  
cis-1,2-Dichloroethene  
Concen: 1.299 ug/L  
RT: 4.663 min Scan# 1049  
Delta R.T. -0.000 min  
Lab File: VU055261.D  
Acq: 12 Sep 2023 20:33

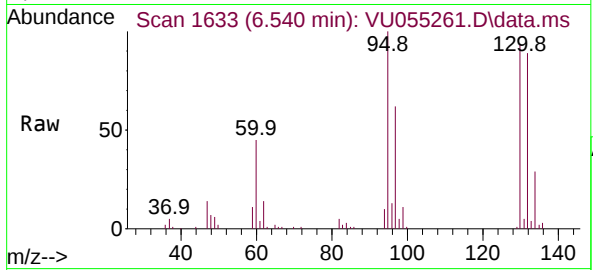
Tgt Ion: 96 Resp: 12646  
Ion Ratio Lower Upper  
96 100  
61 126.9 97.2 180.4  
98 72.9 46.1 85.7





#34  
 Trichloroethene  
 Concen: 7.610 ug/L  
 RT: 6.540 min Scan# 1  
 Delta R.T. -0.000 min  
 Lab File: VU055261.D  
 Acq: 12 Sep 2023 20:33

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Tgt Ion: 95 Resp: 86077

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 61.8  | 44.7  | 83.1  |
| 132 | 88.7  | 66.6  | 123.6 |
| 130 | 92.9  | 66.5  | 123.5 |

