

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU090723\  
 Data File : VU055187.D  
 Acq On : 07 Sep 2023 14:38  
 Operator : MD/SY  
 Sample : 04286-19DL 4X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BH4G4DL

Quant Time: Sep 08 05:07:33 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR090123WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Sep 08 05:04:57 2023  
 Response via : Initial Calibration

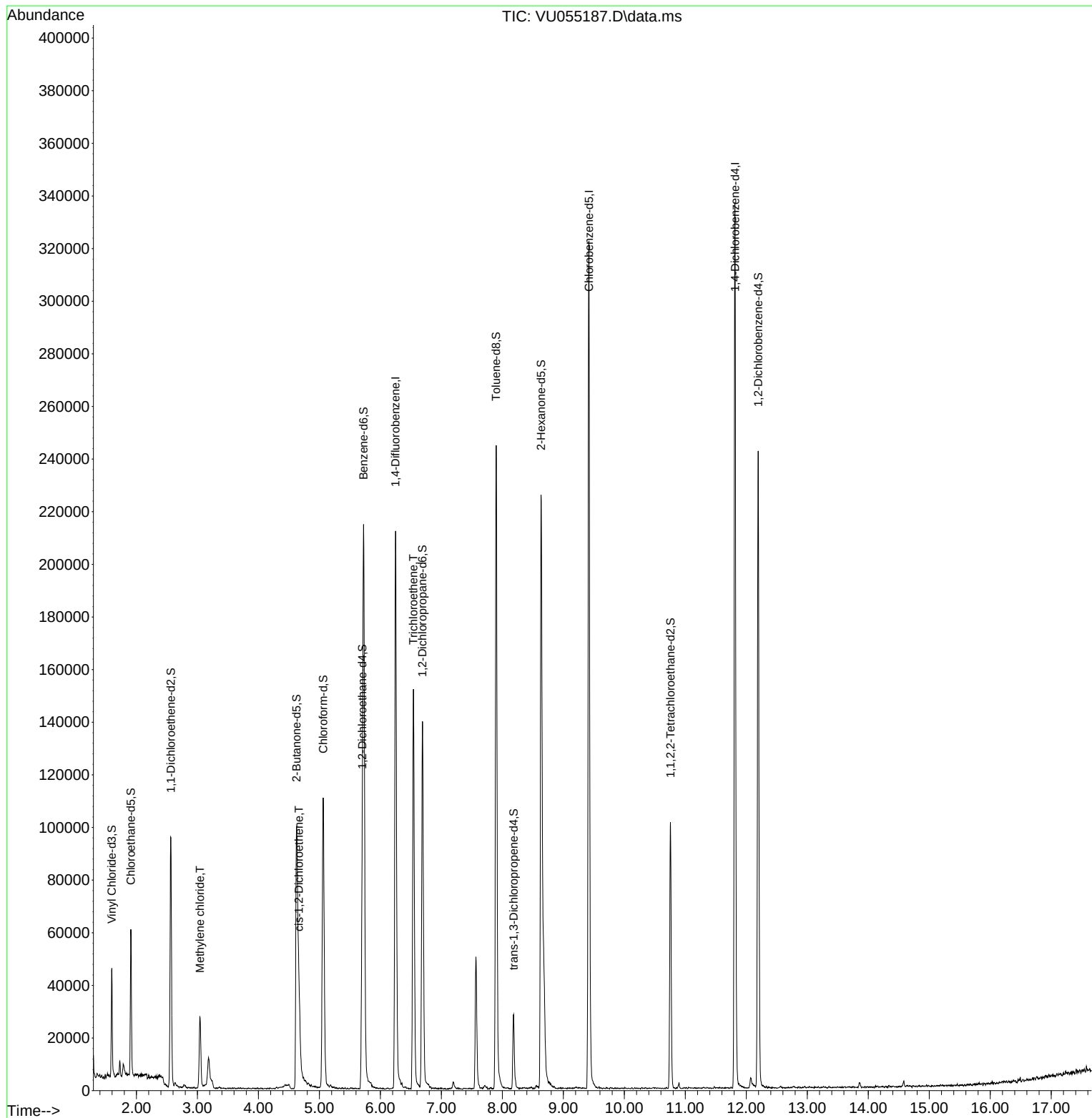
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.248  | 114            | 164018   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.419  | 117            | 175910   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.814 | 152            | 84505    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65             | 28538    | 3.712  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 74.200%  |          |
| 7) Chloroethane-d5            | 1.908  | 69             | 37864    | 4.255  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 85.200%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65             | 18590    | 4.244  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 84.800%  |          |
| 20) 2-Butanone-d5             | 4.625  | 46             | 131768   | 59.068 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 118.140% |          |
| 24) Chloroform-d              | 5.062  | 84             | 102004   | 5.001  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 100.000% |          |
| 26) 1,2-Dichloroethane-d4     | 5.702  | 65             | 53919    | 5.283  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 105.600% |          |
| 32) Benzene-d6                | 5.724  | 84             | 192940   | 4.443  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 88.800%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.689  | 67             | 66324    | 4.802  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 96.000%  |          |
| 41) Toluene-d8                | 7.898  | 98             | 166215   | 4.155  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 83.200%  |          |
| 43) trans-1,3-Dichloroprop... | 8.184  | 79             | 16468    | 4.330  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 86.600%  |          |
| 46) 2-Hexanone-d5             | 8.634  | 63             | 72094    | 46.691 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 93.380%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.756 | 84             | 50748    | 5.225  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 104.400% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.193 | 152            | 60716    | 4.922  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 98.400%  |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        |          | Qvalue   |
| 16) Methylene chloride        | 3.039  | 84             | 12077    | 1.042  | ug/L     | 92       |
| 22) cis-1,2-Dichloroethene    | 4.663  | 96             | 9723     | 1.032  | ug/L     | 91       |
| 34) Trichloroethene           | 6.541  | 95             | 50947    | 4.896  | ug/L     | 97       |
| -----                         |        |                |          |        |          |          |

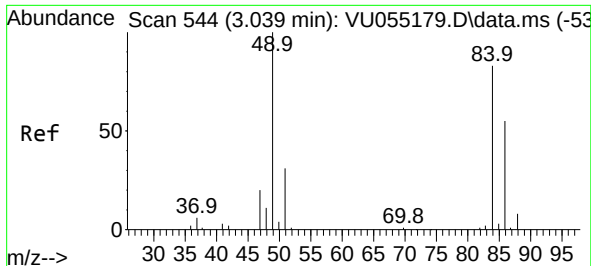
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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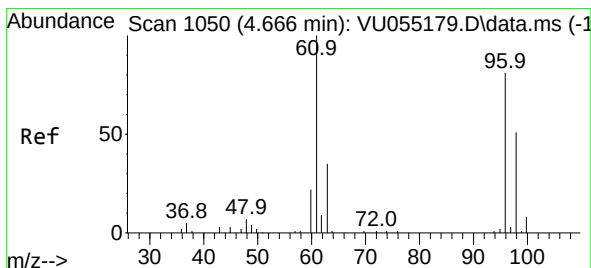
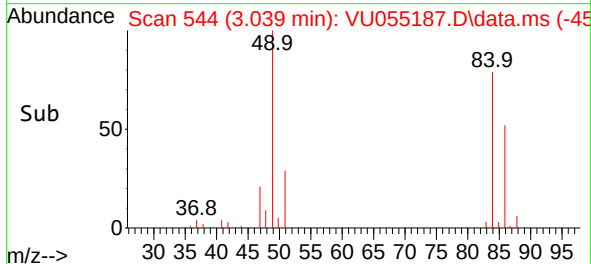
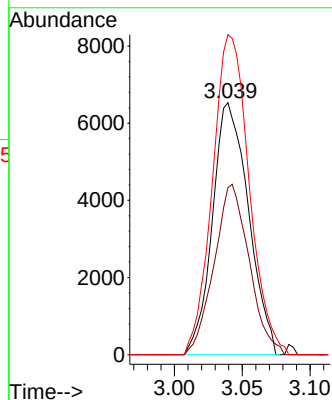
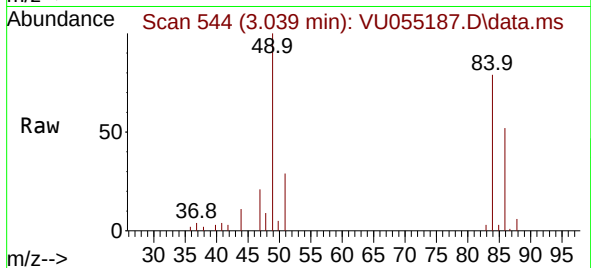




#16  
Methylene chloride  
Concen: 1.042 ug/L  
RT: 3.039 min Scan# 544  
Delta R.T. 0.000 min  
Lab File: VU055187.D  
Acq: 07 Sep 2023 14:38

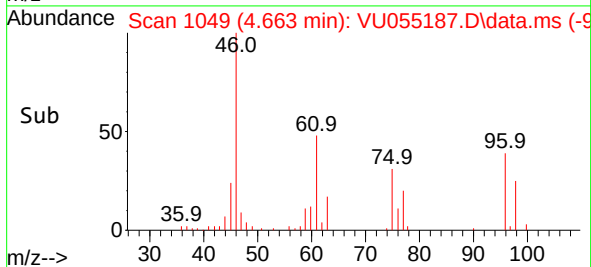
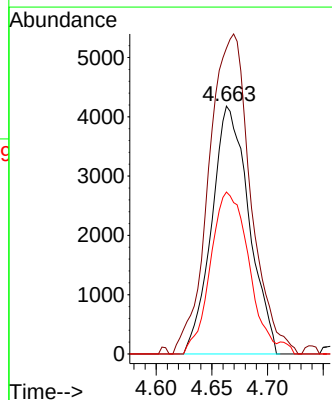
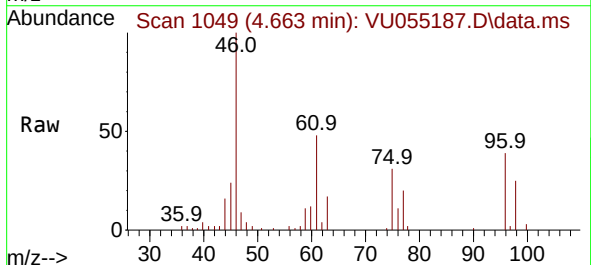
Instrument :  
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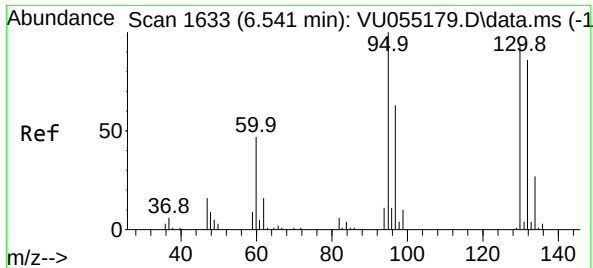
Tgt Ion: 84 Resp: 12077  
Ion Ratio Lower Upper  
84 100  
86 68.0 43.4 80.6  
49 133.9 87.7 162.9



#22  
cis-1,2-Dichloroethene  
Concen: 1.032 ug/L  
RT: 4.663 min Scan# 1049  
Delta R.T. -0.003 min  
Lab File: VU055187.D  
Acq: 07 Sep 2023 14:38

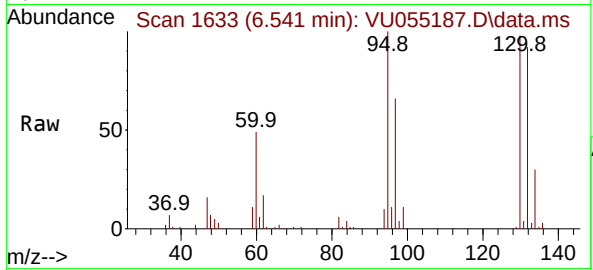
Tgt Ion: 96 Resp: 9723  
Ion Ratio Lower Upper  
96 100  
61 123.4 97.2 180.4  
98 65.4 46.1 85.7





#34  
 Trichloroethene  
 Concen: 4.896 ug/L  
 RT: 6.541 min Scan# 1  
 Delta R.T. 0.000 min  
 Lab File: VU055187.D  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 95    | Resp: | 50947 |
| Ion      | Ratio | Lower | Upper |
| 95       | 100   |       |       |
| 97       | 65.5  | 44.7  | 83.1  |
| 132      | 91.6  | 66.6  | 123.6 |
| 130      | 98.1  | 66.5  | 123.5 |

