

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU032224\  
 Data File : VU058207.D  
 Acq On : 22 Mar 2024 21:30  
 Operator : MD/SY  
 Sample : VIBLK  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Mar 22 23:49:22 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR032124WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Mar 22 23:43:24 2024  
 Response via : Initial Calibration

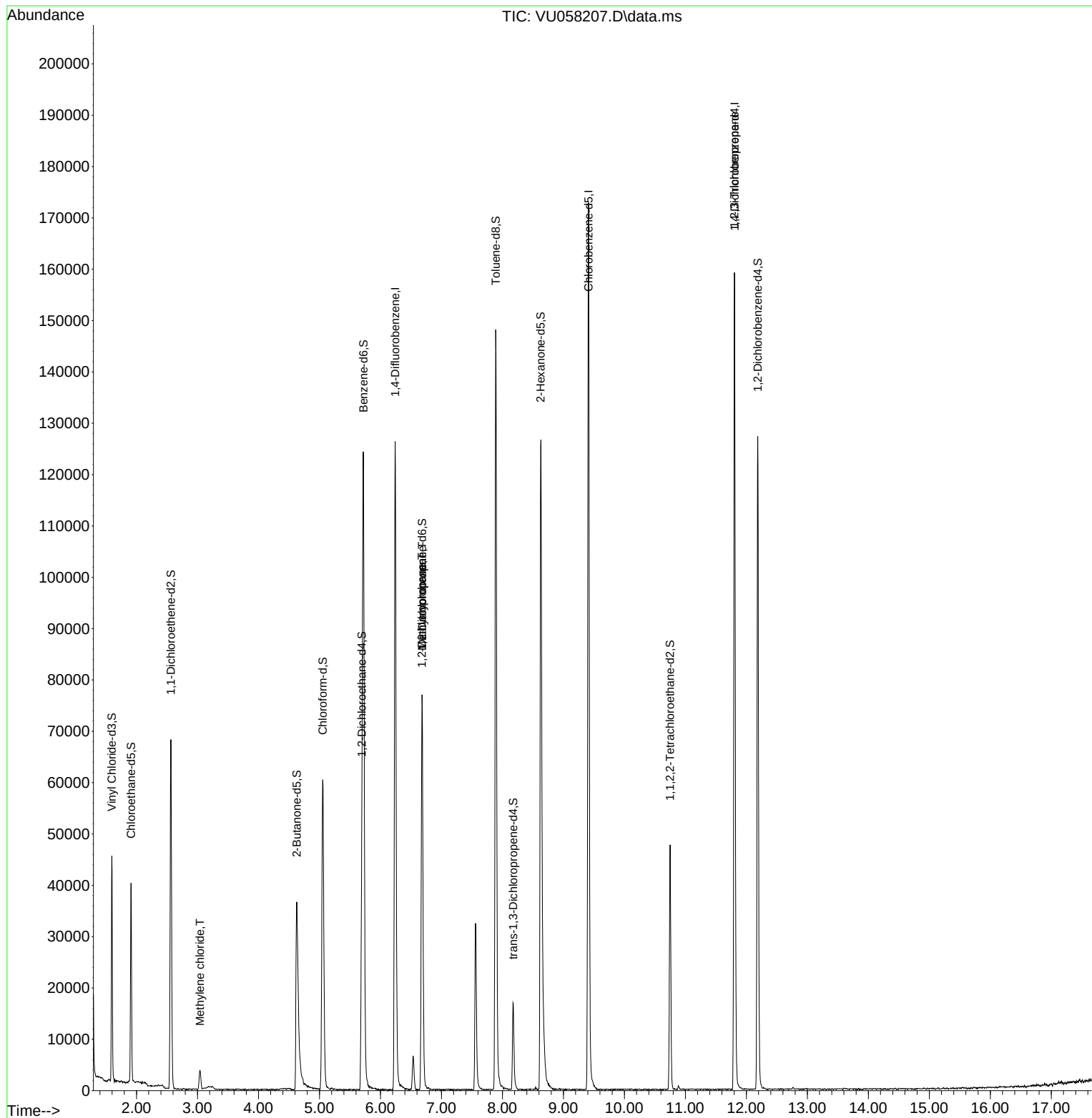
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 103160   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 98488    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 43508    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65    | 30128    | 3.456    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 69.200%  |
| 7) Chloroethane-d5            | 1.911  | 69    | 27092    | 3.807    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 76.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    | 13154    | 3.634    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 72.600%  |
| 20) 2-Butanone-d5             | 4.627  | 46    | 61968    | 40.012   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 80.020%  |
| 24) Chloroform-d              | 5.055  | 84    | 59146    | 3.795    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 75.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 29679    | 4.073    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 81.400%  |
| 32) Benzene-d6                | 5.721  | 84    | 119333   | 3.730    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 74.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 38454    | 4.079    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 81.600%  |
| 41) Toluene-d8                | 7.891  | 98    | 102529   | 3.618    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 72.400%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 10991    | 3.638    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 72.800%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 49365    | 40.352   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 80.700%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84    | 24607    | 4.006    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 80.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 33674    | 4.156    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 83.200%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 16) Methylene chloride        | 3.039  | 84    | 1902     | 0.260    | ug/L   | 98       |
| 35) Methylcyclohexane         | 6.682  | 83    | 8480     | 0.902    | ug/L # | 18       |
| 37) 1,2-Dichloropropane       | 6.679  | 63    | 3985     | 0.551    | ug/L # | 90       |
| 61) 1,2,3-Trichloropropane    | 11.804 | 75    | 5872     | 1.612    | ug/L # | 68       |
| -----                         |        |       |          |          |        |          |

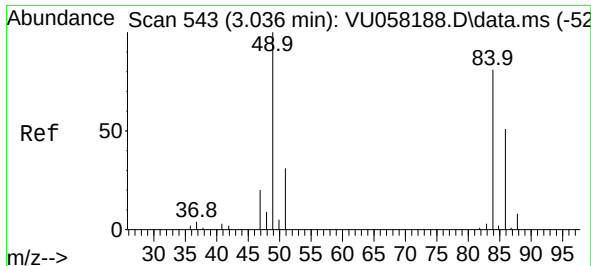
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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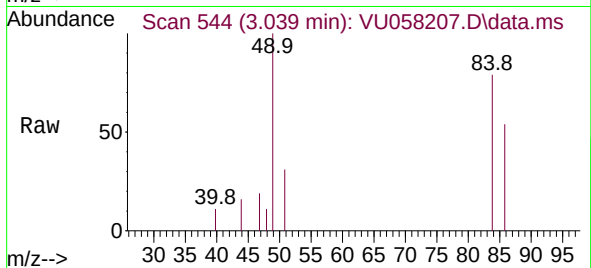
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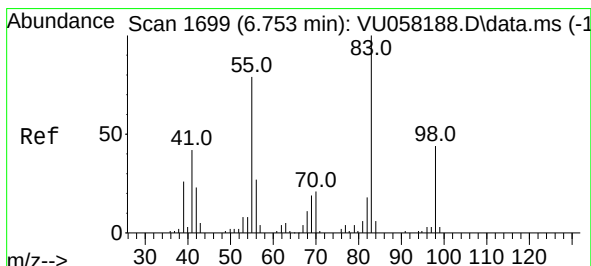
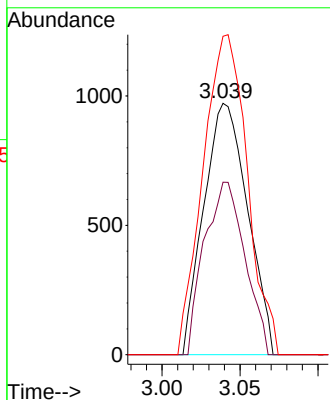
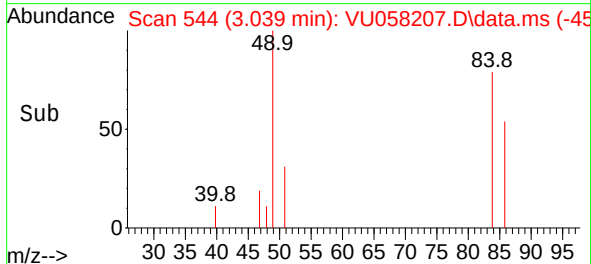


#16  
Methylene chloride  
Concen: 0.260 ug/L  
RT: 3.039 min Scan# 54  
Delta R.T. 0.003 min  
Lab File: VU058207.D  
Acq: 22 Mar 2024 21:30

Instrument :  
MSVOA\_U  
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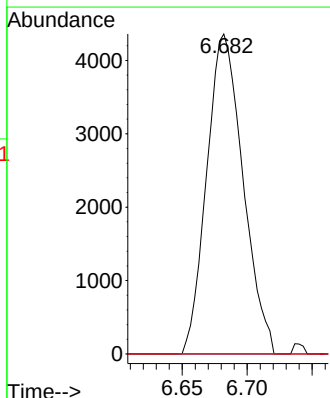
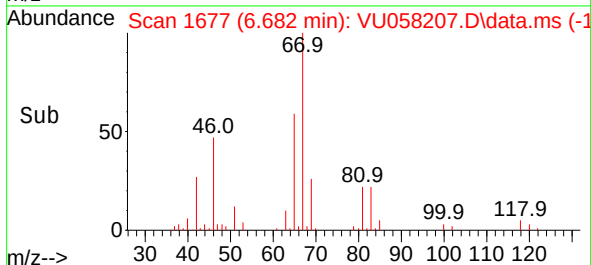
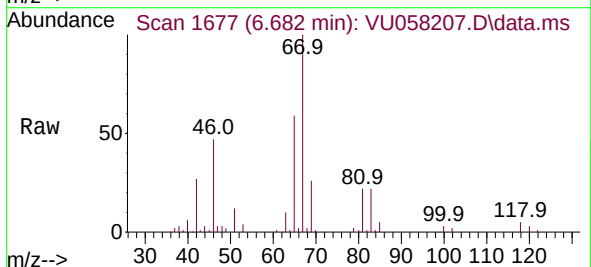


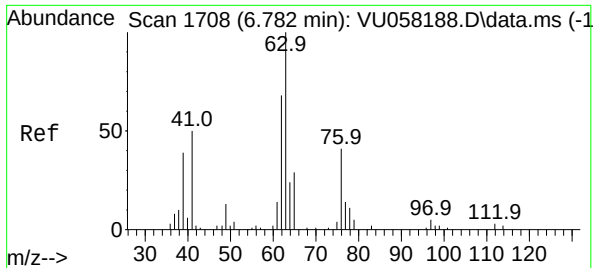
Tgt Ion: 84 Resp: 1902  
Ion Ratio Lower Upper  
84 100  
86 68.6 45.6 84.6  
49 126.6 88.3 163.9



#35  
Methylcyclohexane  
Concen: 0.902 ug/L  
RT: 6.682 min Scan# 1677  
Delta R.T. -0.071 min  
Lab File: VU058207.D  
Acq: 22 Mar 2024 21:30

Tgt Ion: 83 Resp: 8480  
Ion Ratio Lower Upper  
83 100  
55 0.0 62.7 94.1#  
98 1.0 37.3 55.9#

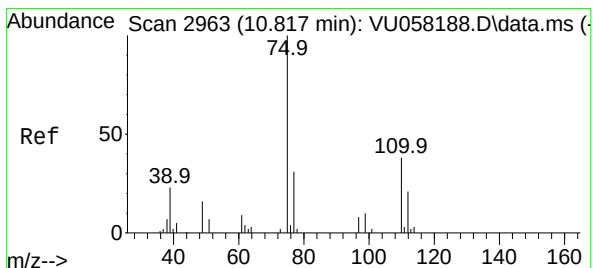
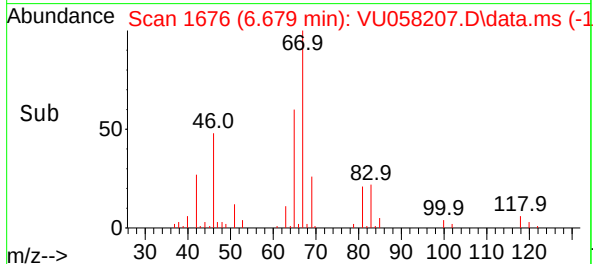
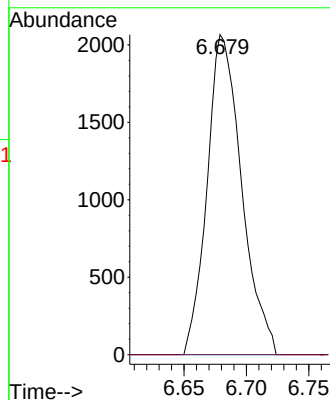
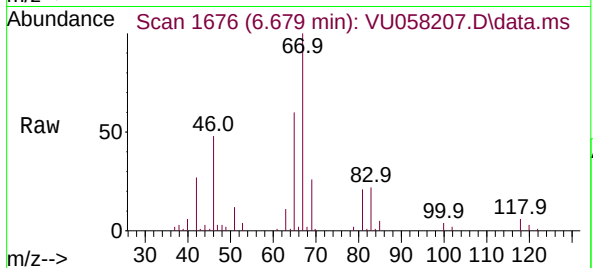




#37  
1,2-Dichloropropane  
Concen: 0.551 ug/L  
RT: 6.679 min Scan# 1  
Delta R.T. -0.103 min  
Lab File: VU058207.D  
Acq: 22 Mar 2024 21:30

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Tgt Ion: 63 Resp: 3985  
Ion Ratio Lower Upper  
63 100  
112 0.0 2.7 4.1#



#61  
1,2,3-Trichloropropane  
Concen: 1.612 ug/L  
RT: 11.804 min Scan# 3270  
Delta R.T. 0.987 min  
Lab File: VU058207.D  
Acq: 22 Mar 2024 21:30

Tgt Ion: 75 Resp: 5872  
Ion Ratio Lower Upper  
75 100  
110 0.0 28.1 42.1#  
77 31.8 25.1 37.7

