

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU040524\  
 Data File : VU058437.D  
 Acq On : 05 Apr 2024 22:37  
 Operator : MD/SY  
 Sample : P1949-03  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Apr 06 05:58:41 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR040424WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Apr 06 00:37:11 2024  
 Response via : Initial Calibration

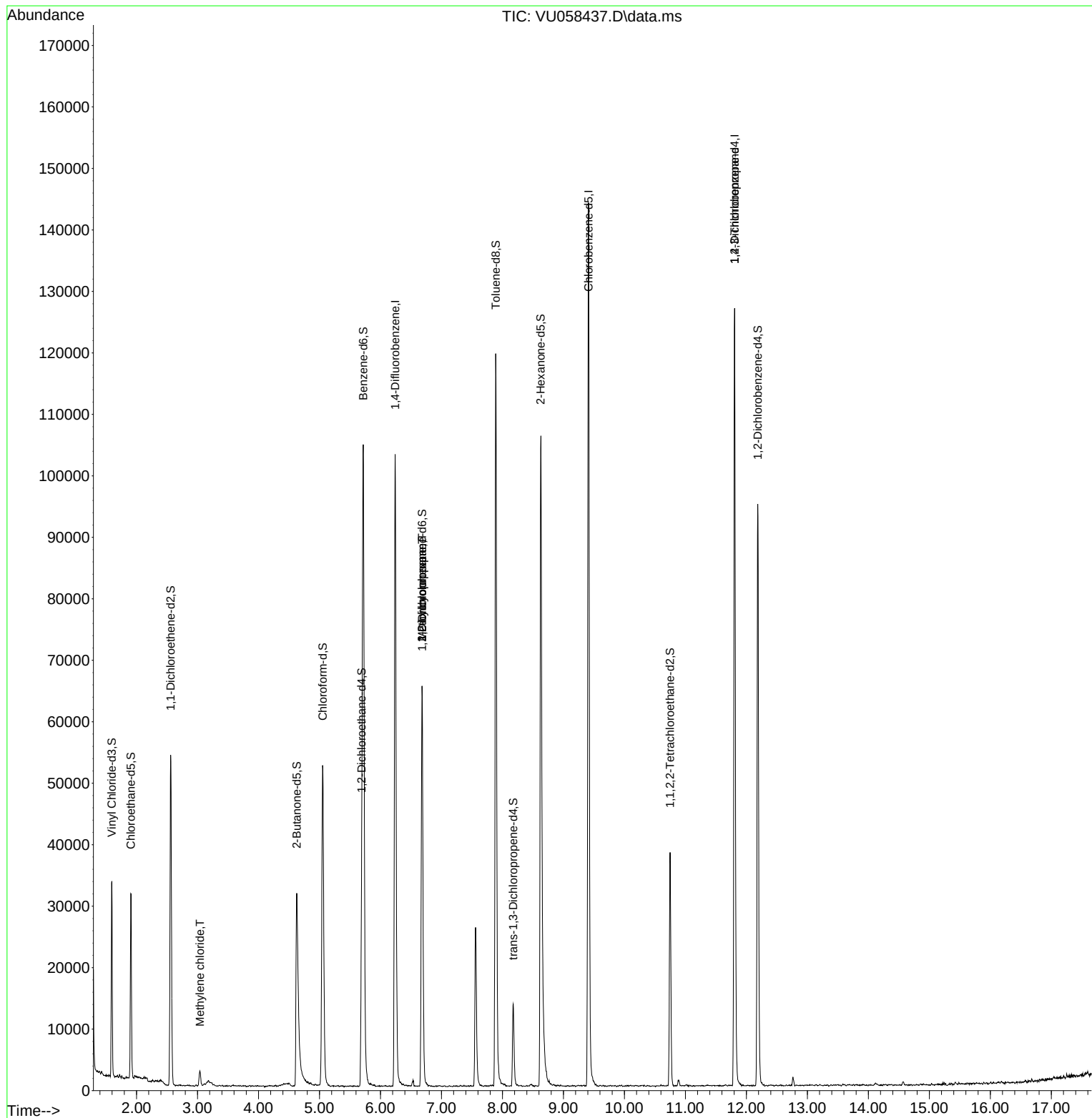
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 79983    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 77172    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 33558    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 22370    | 4.224    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 84.400%  |
| 7) Chloroethane-d5            | 1.907  | 69    | 20641    | 4.485    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 89.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 10876    | 4.538    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 90.800%  |
| 20) 2-Butanone-d5             | 4.628  | 46    | 55082    | 49.359   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 98.720%  |
| 24) Chloroform-d              | 5.052  | 84    | 49458    | 4.679    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 93.600%  |
| 26) 1,2-Dichloroethane-d4     | 5.692  | 65    | 24174    | 4.900    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 98.000%  |
| 32) Benzene-d6                | 5.718  | 84    | 97417    | 4.689    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 93.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 31334    | 4.809    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 96.200%  |
| 41) Toluene-d8                | 7.891  | 98    | 80111    | 4.348    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 87.000%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 8526     | 4.216    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 84.400%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 38159    | 45.743   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 91.480%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750 | 84    | 19921    | 4.331    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 86.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 25337    | 4.483    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 89.600%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 16) Methylene chloride        | 3.039  | 84    | 1170     | 0.156    | ug/L   | 95       |
| 35) Methylcyclohexane         | 6.682  | 83    | 6693     | 0.630    | ug/L # | 17       |
| 37) 1,2-Dichloropropane       | 6.685  | 63    | 3316     | 0.451    | ug/L # | 90       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75    | 4836     | 1.412    | ug/L # | 70       |
| -----                         |        |       |          |          |        |          |

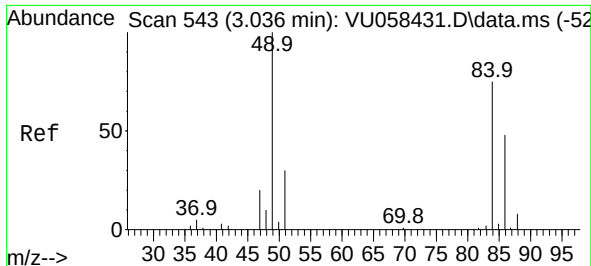
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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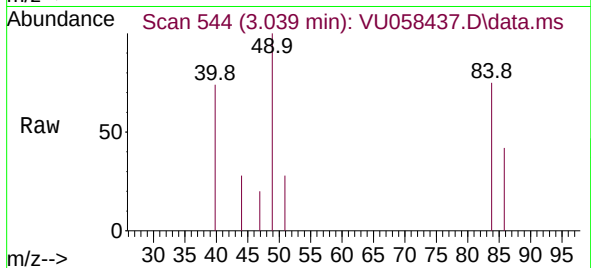
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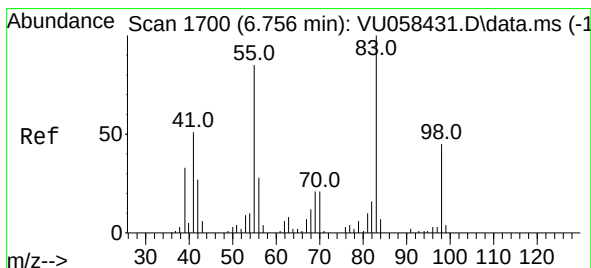
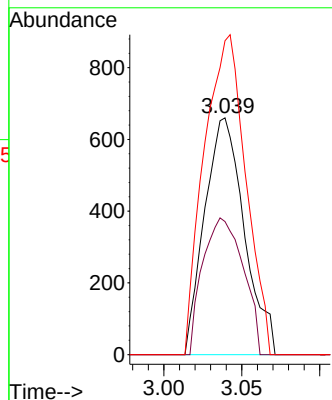
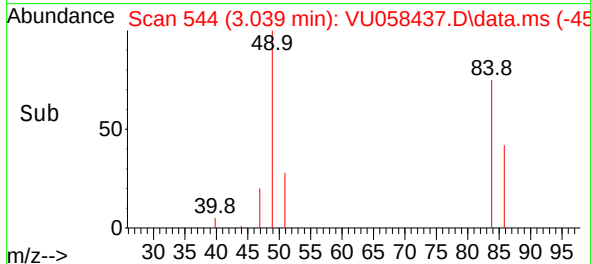


#16  
Methylene chloride  
Concen: 0.156 ug/L  
RT: 3.039 min Scan# 54  
Delta R.T. 0.003 min  
Lab File: VU058437.D  
Acq: 05 Apr 2024 22:37

Instrument :  
MSVOA\_U  
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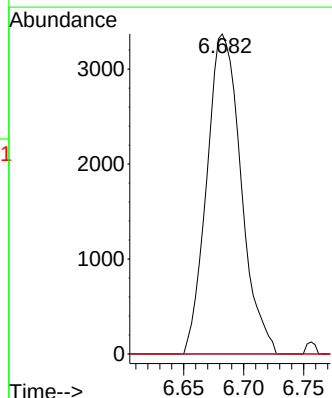
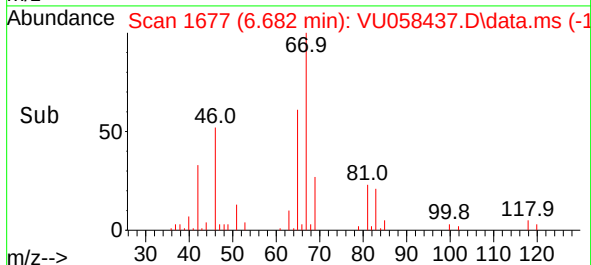
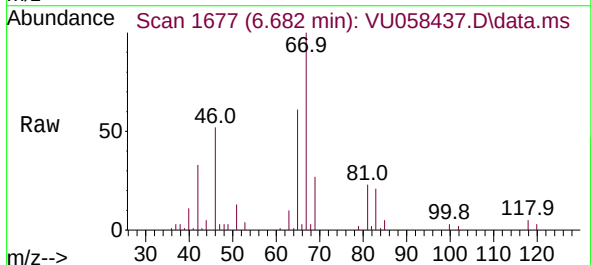


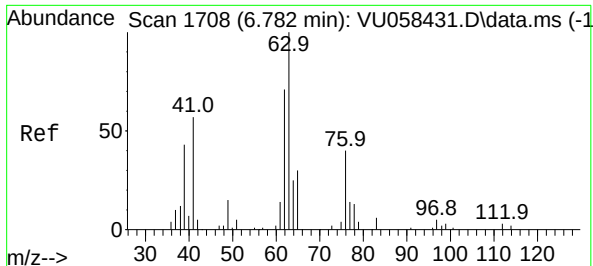
Tgt Ion: 84 Resp: 1170  
Ion Ratio Lower Upper  
84 100  
86 56.2 44.3 82.3  
49 132.6 96.0 178.2



#35  
Methylcyclohexane  
Concen: 0.630 ug/L  
RT: 6.682 min Scan# 1677  
Delta R.T. -0.074 min  
Lab File: VU058437.D  
Acq: 05 Apr 2024 22:37

Tgt Ion: 83 Resp: 6693  
Ion Ratio Lower Upper  
83 100  
55 0.0 66.2 99.4#  
98 0.3 34.6 52.0#

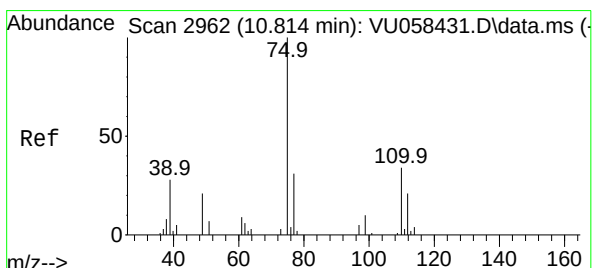
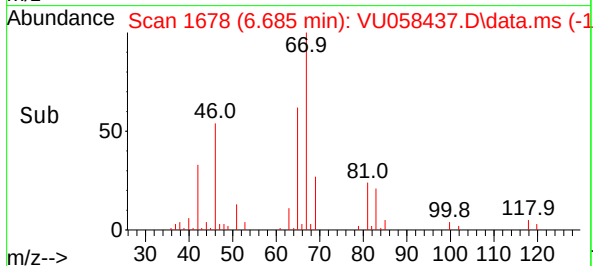
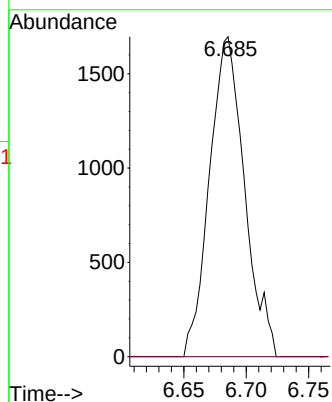
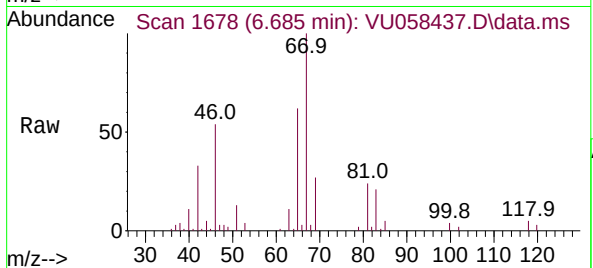




#37  
1,2-Dichloropropane  
Concen: 0.451 ug/L  
RT: 6.685 min Scan# 1  
Delta R.T. -0.096 min  
Lab File: VU058437.D  
Acq: 05 Apr 2024 22:37

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Tgt Ion: 63 Resp: 3316  
Ion Ratio Lower Upper  
63 100  
112 0.0 2.6 4.0#



#61  
1,2,3-Trichloropropane  
Concen: 1.412 ug/L  
RT: 11.807 min Scan# 3271  
Delta R.T. 0.994 min  
Lab File: VU058437.D  
Acq: 05 Apr 2024 22:37

Tgt Ion: 75 Resp: 4836  
Ion Ratio Lower Upper  
75 100  
110 0.0 25.8 38.6#  
77 32.5 25.1 37.7

