

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU012924\  
 Data File : VU057721.D  
 Acq On : 29 Jan 2024 16:56  
 Operator : MD/SY  
 Sample : P1229-36  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Jan 30 00:34:47 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR012324WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Jan 30 00:30:52 2024  
 Response via : Initial Calibration

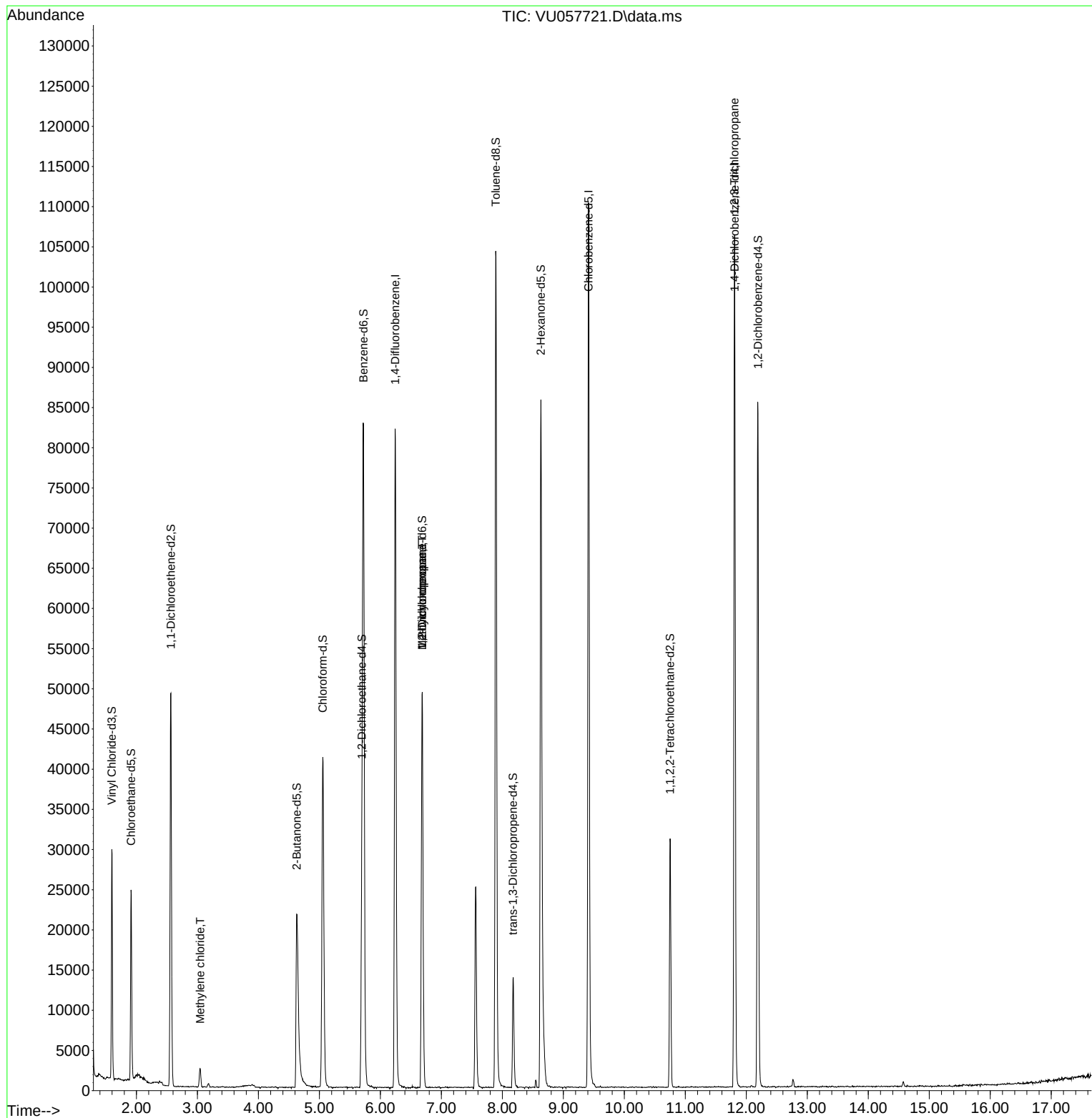
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 67248    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 60705    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 27518    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 20155    | 5.440    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 108.800% |
| 7) Chloroethane-d5            | 1.911  | 69    | 17232    | 5.550    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 111.000% |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    | 9443     | 5.420    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 108.400% |
| 20) 2-Butanone-d5             | 4.628  | 46    | 38687    | 55.348   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 110.700% |
| 24) Chloroform-d              | 5.055  | 84    | 38680    | 5.143    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 102.800% |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 19368    | 5.667    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 113.400% |
| 32) Benzene-d6                | 5.721  | 84    | 78403    | 5.506    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 110.200% |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67    | 23524    | 5.477    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 109.600% |
| 41) Toluene-d8                | 7.891  | 98    | 72469    | 5.361    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 107.200% |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79    | 8391     | 4.902    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 98.000%  |
| 46) 2-Hexanone-d5             | 8.631  | 63    | 29972    | 54.879   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 109.760% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750 | 84    | 15281    | 5.308    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 106.200% |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 21910    | 5.674    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 113.400% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
| 16) Methylene chloride        | 3.043  | 84    | 796      | 0.152    | ug/L   | 95       |
| 35) Methylcyclohexane         | 6.682  | 83    | 5302     | 0.572    | ug/L # | 18       |
| 37) 1,2-Dichloropropane       | 6.682  | 63    | 2674     | 0.513    | ug/L # | 89       |
| 61) 1,2,3-Trichloropropane    | 11.804 | 75    | 3437     | 1.244    | ug/L # | 63       |
| -----                         |        |       |          |          |        |          |

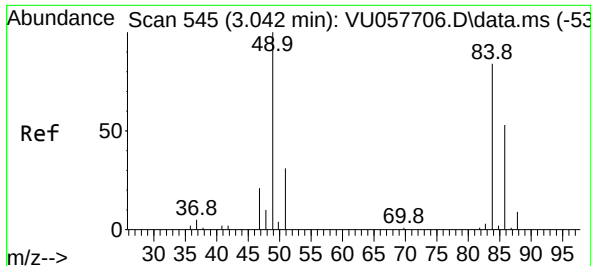
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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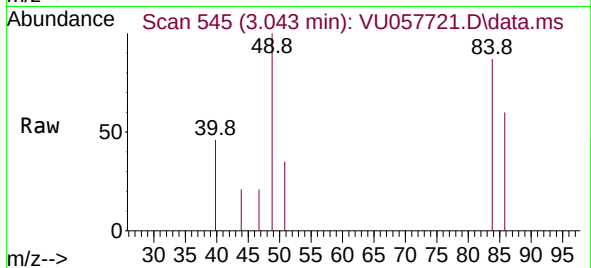
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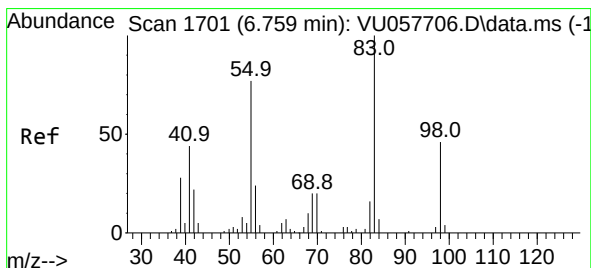
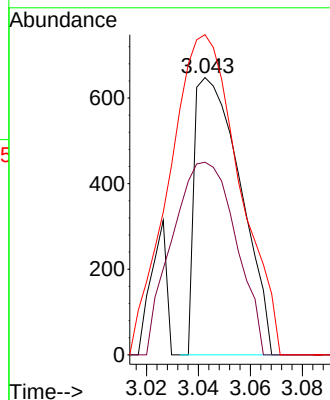
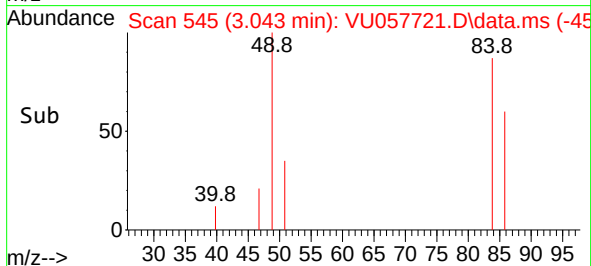


#16  
Methylene chloride  
Concen: 0.152 ug/L  
RT: 3.043 min Scan# 54  
Delta R.T. 0.000 min  
Lab File: VU057721.D  
Acq: 29 Jan 2024 16:56

Instrument :  
MSVOA\_U  
ClientSampleId :

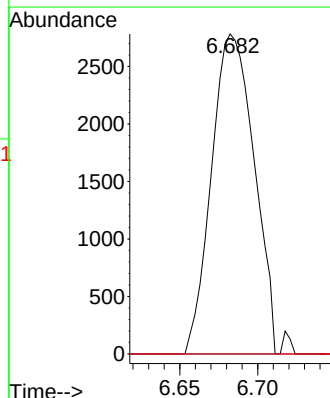
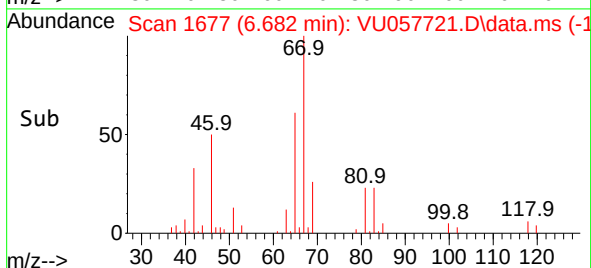
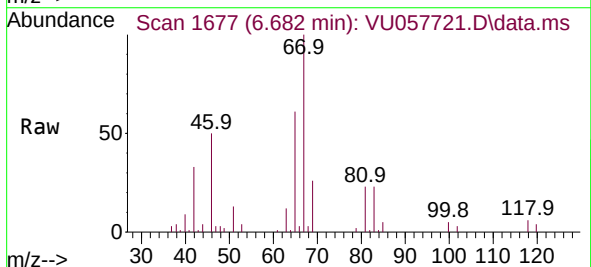


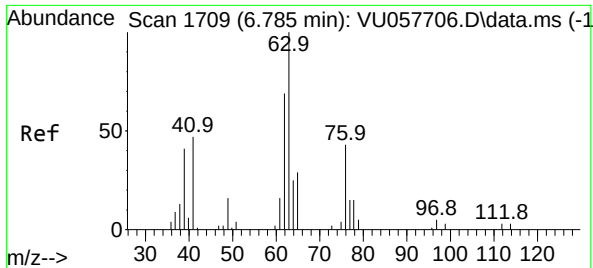
Tgt Ion: 84 Resp: 796  
Ion Ratio Lower Upper  
84 100  
86 69.4 43.5 80.9  
49 115.4 82.5 153.1



#35  
Methylcyclohexane  
Concen: 0.572 ug/L  
RT: 6.682 min Scan# 1677  
Delta R.T. -0.077 min  
Lab File: VU057721.D  
Acq: 29 Jan 2024 16:56

Tgt Ion: 83 Resp: 5302  
Ion Ratio Lower Upper  
83 100  
55 0.0 61.4 92.0#  
98 0.0 38.2 57.4#

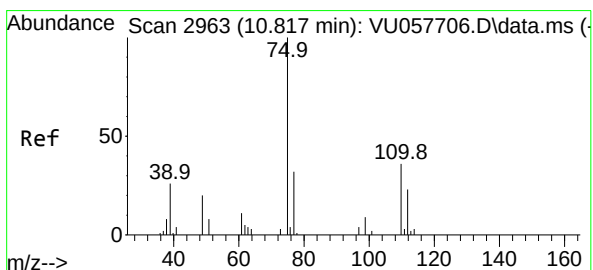
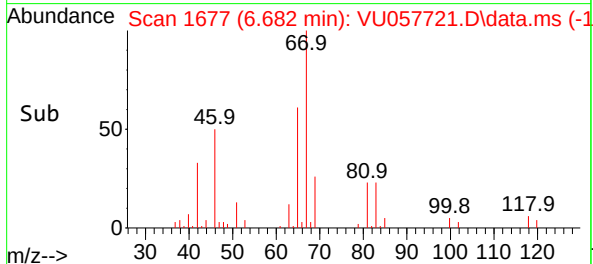
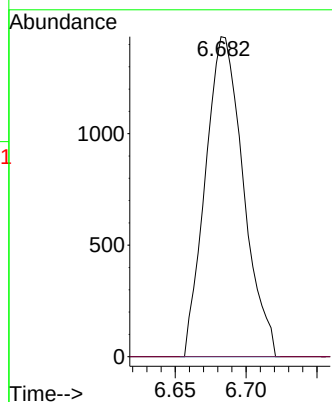
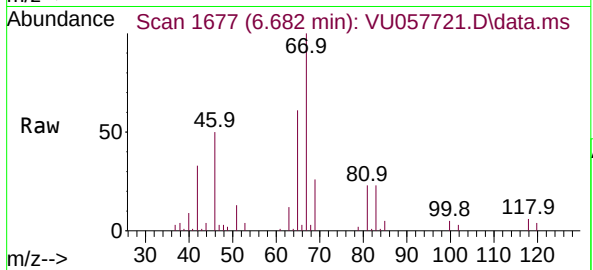




#37  
1,2-Dichloropropane  
Concen: 0.513 ug/L  
RT: 6.682 min Scan# 1  
Delta R.T. -0.103 min  
Lab File: VU057721.D  
Acq: 29 Jan 2024 16:56

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Tgt Ion: 63 Resp: 2674  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.0 4.4#



#61  
1,2,3-Trichloropropane  
Concen: 1.244 ug/L  
RT: 11.804 min Scan# 3270  
Delta R.T. 0.987 min  
Lab File: VU057721.D  
Acq: 29 Jan 2024 16:56

Tgt Ion: 75 Resp: 3437  
Ion Ratio Lower Upper  
75 100  
110 0.0 30.1 45.1#  
77 35.8 25.5 38.3

