

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU050624\  
 Data File : VU058824.D  
 Acq On : 06 May 2024 11:04  
 Operator : MD/SY  
 Sample : P2392-09  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: May 07 01:09:11 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR042224WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue May 07 01:07:14 2024  
 Response via : Initial Calibration

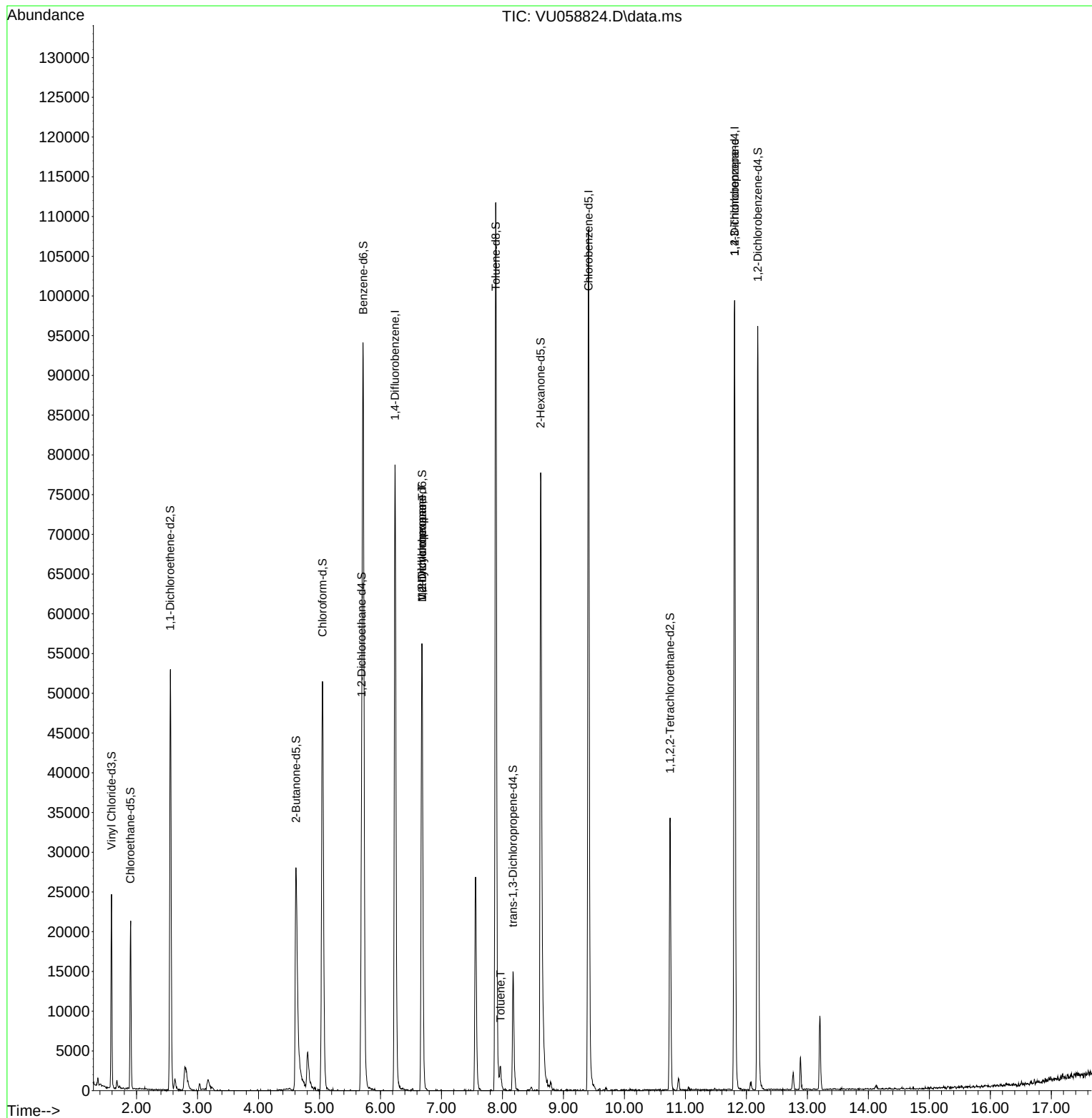
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.238  | 114   | 62141    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 59902    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 27746    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.589  | 65    | 15494    | 3.170    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 63.400%  |
| 7) Chloroethane-d5            | 1.901  | 69    | 13750    | 3.733    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 74.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.554  | 65    | 10367    | 4.213    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 84.200%  |
| 20) 2-Butanone-d5             | 4.615  | 46    | 39630    | 46.147   | ug/L   | -0.01    |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 92.300%  |
| 24) Chloroform-d              | 5.049  | 84    | 49305    | 4.934    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 98.600%  |
| 26) 1,2-Dichloroethane-d4     | 5.692  | 65    | 26408    | 5.453    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 109.000% |
| 32) Benzene-d6                | 5.717  | 84    | 85434    | 4.481    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 89.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 25250    | 4.440    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 88.800%  |
| 41) Toluene-d8                | 7.891  | 98    | 75185    | 4.406    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 88.200%  |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79    | 9534     | 4.605    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 92.000%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 26057    | 42.470   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 84.940%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84    | 16180    | 4.671    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 93.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 25541    | 5.282    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 105.600% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 35) Methylcyclohexane         | 6.682  | 83    | 6436     | 0.751    | ug/L # | 16       |
| 37) 1,2-Dichloropropane       | 6.679  | 63    | 3081     | 0.569    | ug/L # | 89       |
| 42) Toluene                   | 7.968  | 91    | 2258     | 0.105    | ug/L   | 87       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75    | 3113     | 1.233    | ug/L # | 69       |

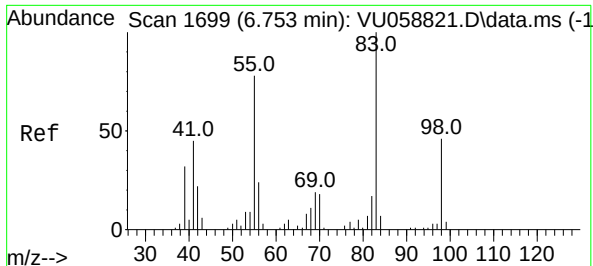
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 0.751 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.071 min

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MSVOA\_U

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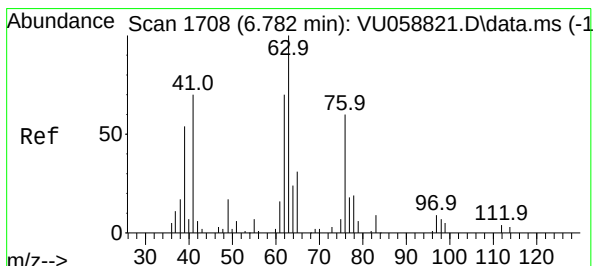
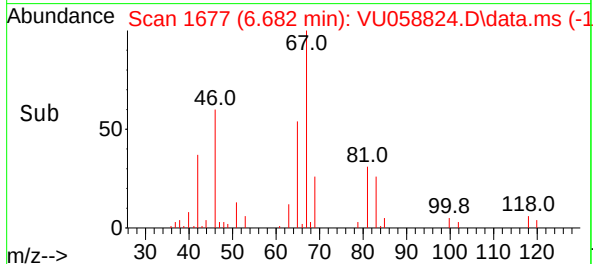
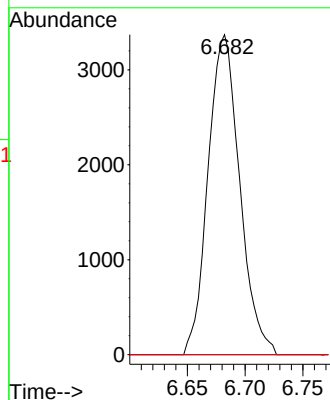
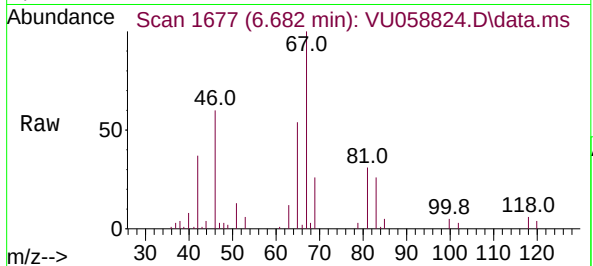
Tgt Ion: 83 Resp: 6436

Ion Ratio Lower Upper

83 100

55 0.0 66.6 100.0#

98 0.0 35.4 53.2#



#37

1,2-Dichloropropane

Concen: 0.569 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.103 min

Lab File: VU058824.D

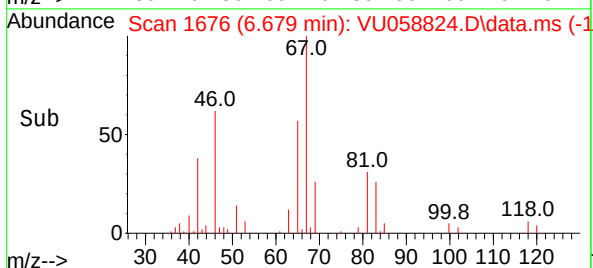
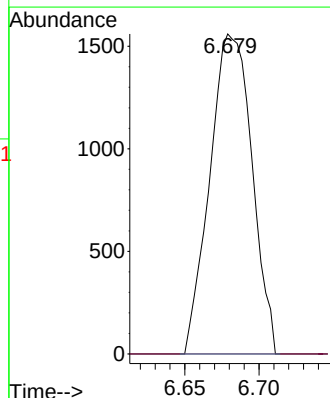
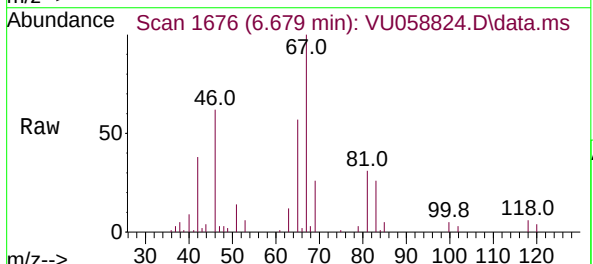
Acq: 06 May 2024 11:04

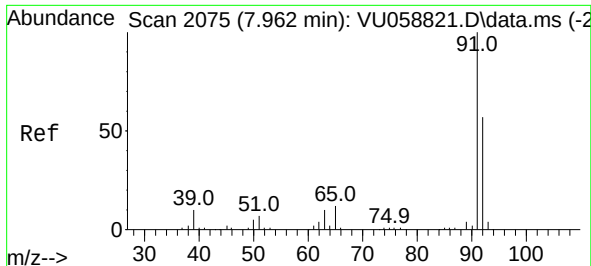
Tgt Ion: 63 Resp: 3081

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#





#42

Toluene

Concen: 0.105 ug/L

RT: 7.968 min Scan# 2075

Delta R.T. 0.006 min

Lab File: VU058824.D

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Instrument :

MSVOA\_U

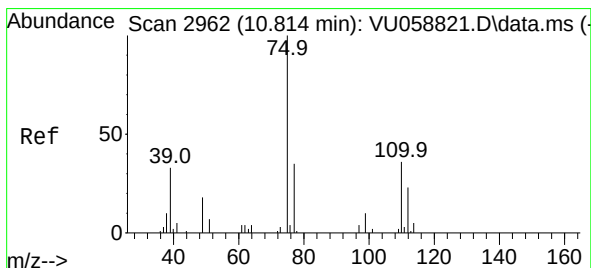
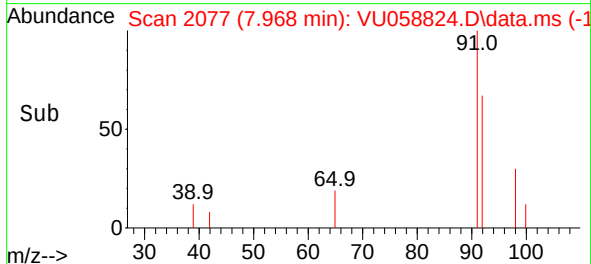
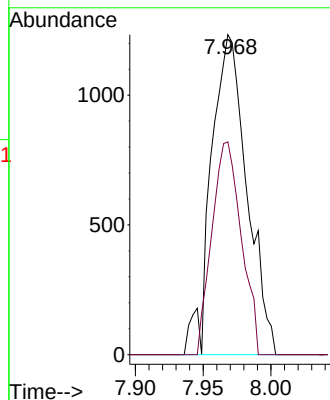
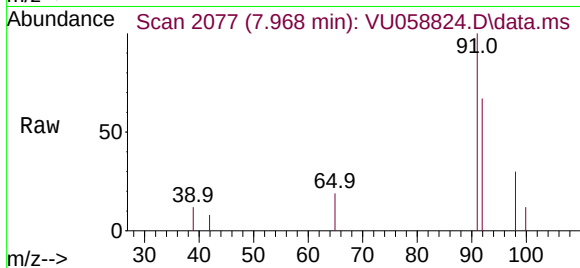
ClientSampleId :

Tgt Ion: 91 Resp: 2258

Ion Ratio Lower Upper

91 100

92 66.5 40.0 74.2



#61

1,2,3-Trichloropropane

Concen: 1.233 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.993 min

Lab File: VU058824.D

Acq: 06 May 2024 11:04

Tgt Ion: 75 Resp: 3113

Ion Ratio Lower Upper

75 100

110 1.3 28.6 43.0#

77 31.8 25.4 38.2

