

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041124\  
 Data File : VU058608.D  
 Acq On : 11 Apr 2024 15:13  
 Operator : MD/SY  
 Sample : P2013-10DL 4X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 E0MB6DL

Quant Time: Apr 12 02:27:53 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR040424WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Apr 12 02:25:12 2024  
 Response via : Initial Calibration

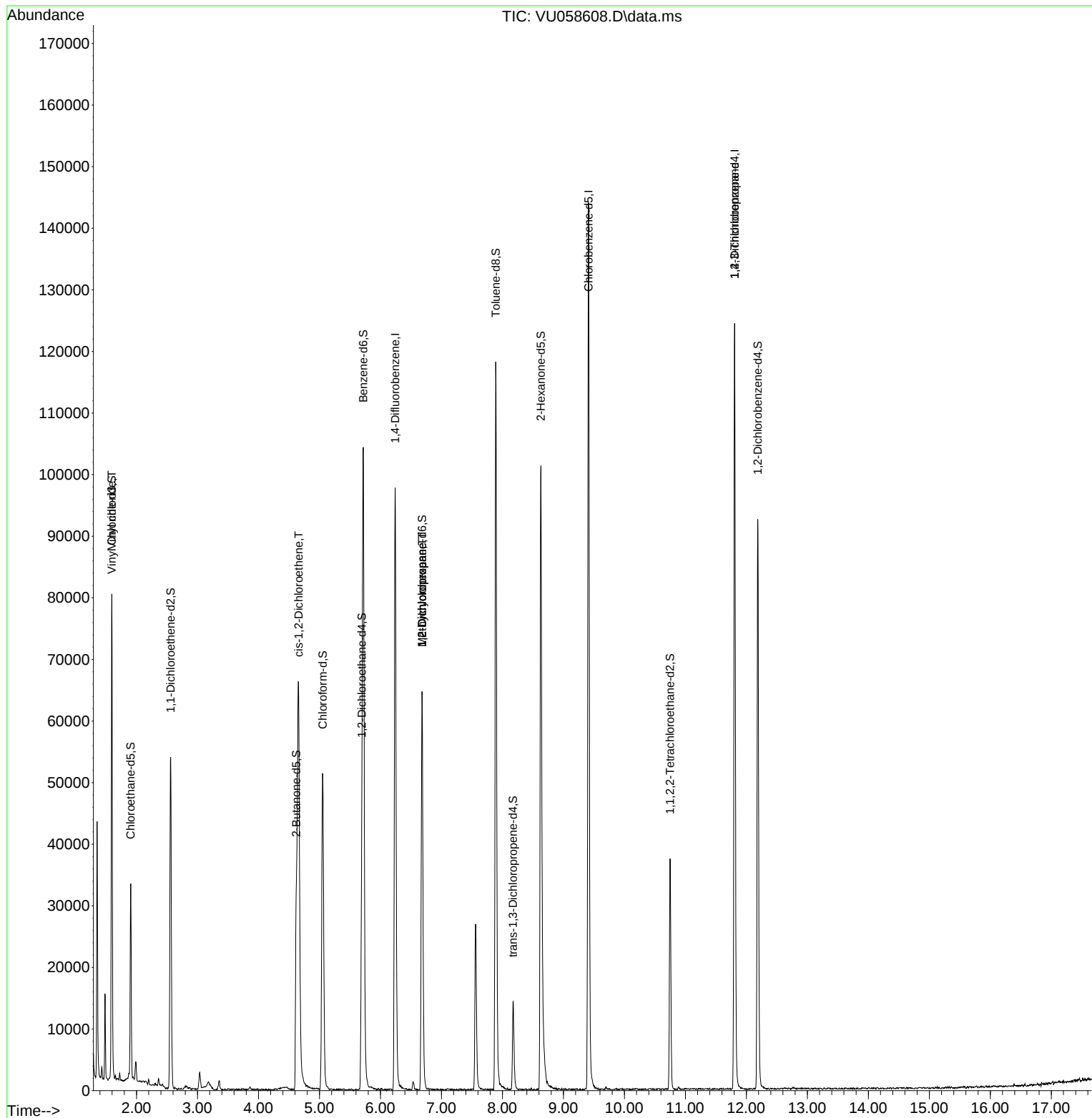
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 76470    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 76064    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 31769    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.592  | 65    | 22869    | 4.517    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 90.400%  |
| 7) Chloroethane-d5            | 1.904  | 69    | 21292    | 4.839    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 96.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 10748    | 4.690    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 93.800%  |
| 20) 2-Butanone-d5             | 4.621  | 46    | 49425    | 46.324   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 92.640%  |
| 24) Chloroform-d              | 5.052  | 84    | 48548    | 4.804    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 96.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 23665    | 5.017    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 100.400% |
| 32) Benzene-d6                | 5.717  | 84    | 94657    | 4.622    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 92.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 30191    | 4.701    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 94.000%  |
| 41) Toluene-d8                | 7.891  | 98    | 77986    | 4.294    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 85.800%  |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79    | 8536     | 4.282    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 85.600%  |
| 46) 2-Hexanone-d5             | 8.631  | 63    | 34914    | 42.462   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 84.920%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84    | 19760    | 4.358    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 87.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 23738    | 4.436    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 88.800%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 5) Vinyl chloride             | 1.595  | 62    | 31671    | 4.065    | ug/L   | 100      |
| 22) cis-1,2-Dichloroethene    | 4.660  | 96    | 29545    | 4.632    | ug/L   | 94       |
| 35) Methylcyclohexane         | 6.682  | 83    | 6297     | 0.601    | ug/L # | 16       |
| 37) 1,2-Dichloropropane       | 6.682  | 63    | 3409     | 0.470    | ug/L # | 90       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75    | 4605     | 1.421    | ug/L # | 69       |
| -----                         |        |       |          |          |        |          |

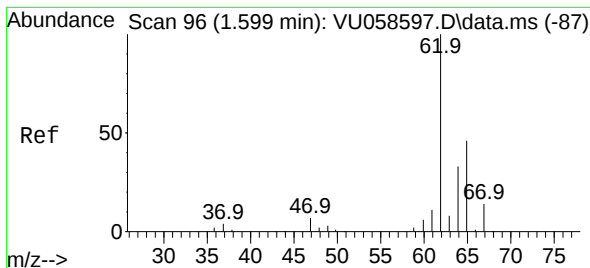
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 4.065 ug/L

RT: 1.595 min Scan# 96

Delta R.T. -0.003 min

Lab File: VU058608.D

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Instrument :

MSVOA\_U

ClientSampleId :

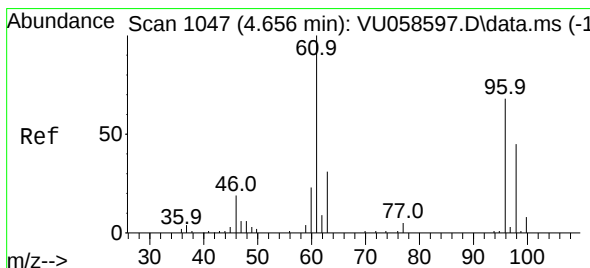
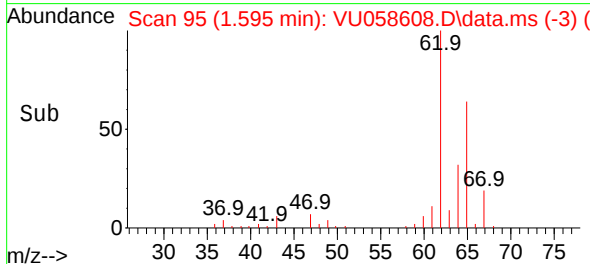
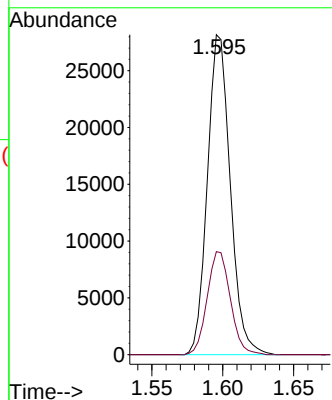
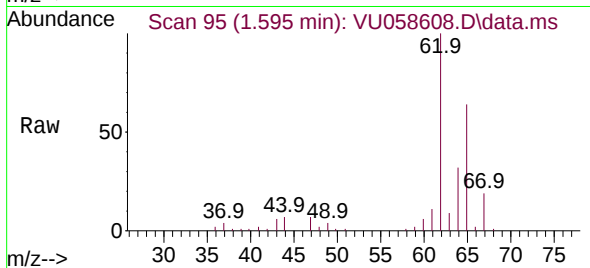
E0MB6DL

Tgt Ion: 62 Resp: 31671

Ion Ratio Lower Upper

62 100

64 32.2 22.6 42.0



#22

cis-1,2-Dichloroethene

Concen: 4.632 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU058608.D

Acq: 11 Apr 2024 15:13

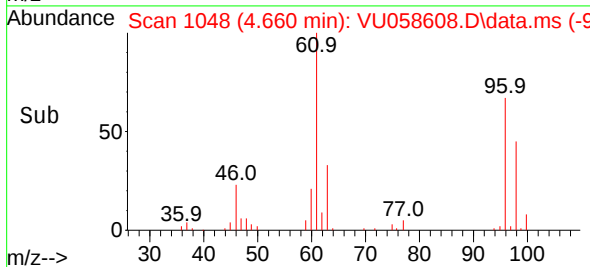
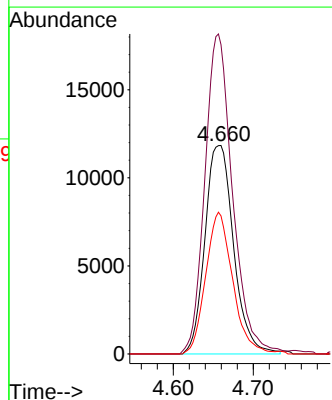
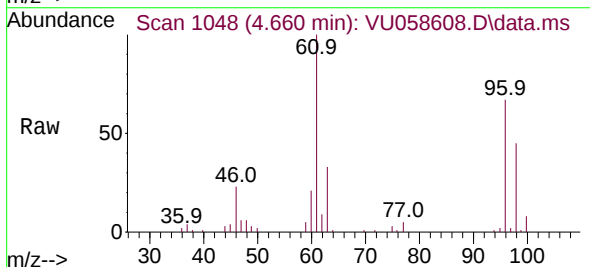
Tgt Ion: 96 Resp: 29545

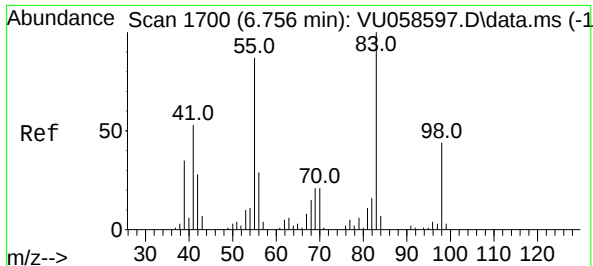
Ion Ratio Lower Upper

96 100

61 148.3 98.1 182.3

98 66.2 43.6 81.0





#35

Methylcyclohexane

Concen: 0.601 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU058608.D

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Instrument :

MSVOA\_U

ClientSampleId :

E0MB6DL

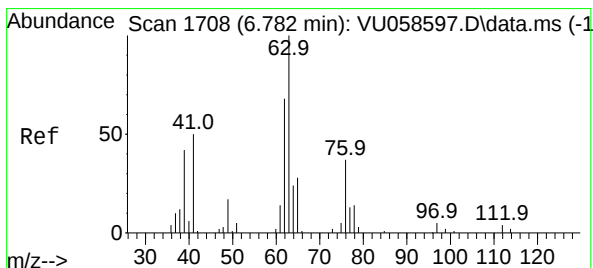
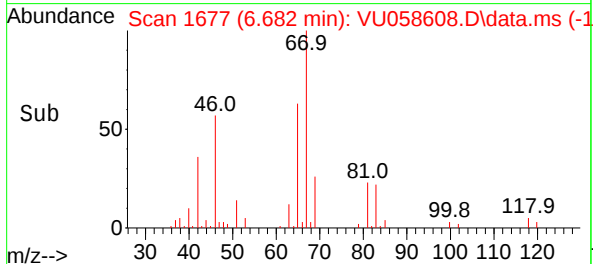
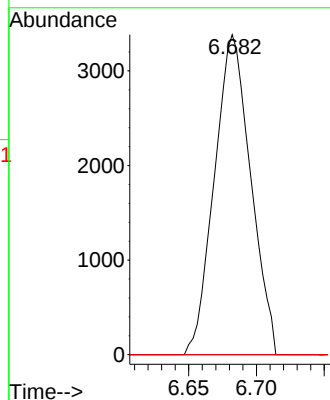
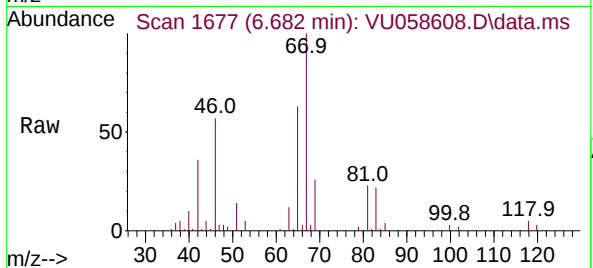
Tgt Ion: 83 Resp: 6297

Ion Ratio Lower Upper

83 100

55 0.0 66.2 99.4#

98 0.0 34.6 52.0#



#37

1,2-Dichloropropane

Concen: 0.470 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU058608.D

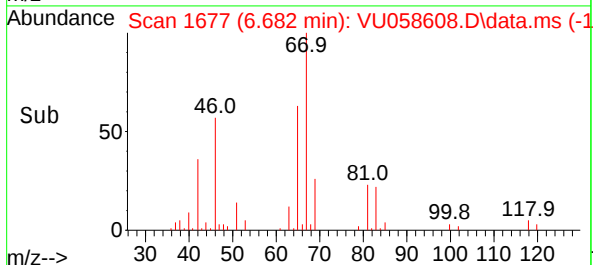
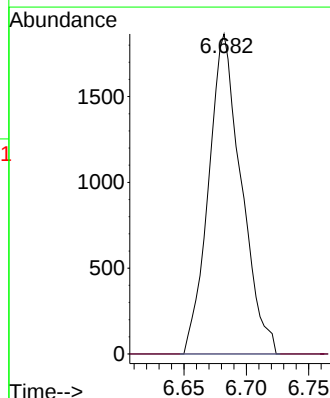
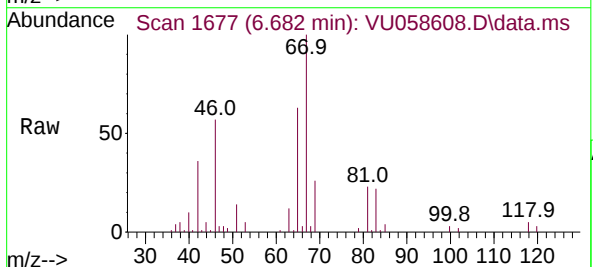
Acq: 11 Apr 2024 15:13

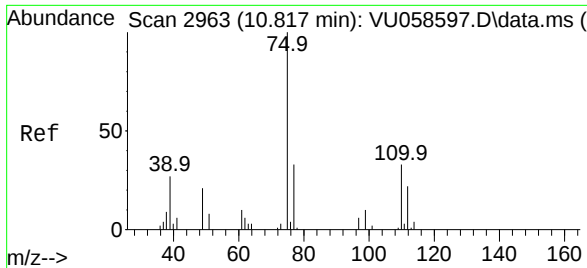
Tgt Ion: 63 Resp: 3409

Ion Ratio Lower Upper

63 100

112 0.0 2.6 4.0#





#61  
1,2,3-Trichloropropane  
Concen: 1.421 ug/L  
RT: 11.807 min Scan# 31  
Delta R.T. 0.990 min  
Lab File: VU058608.D  
Acq: 11 Apr 2024 15:13

Instrument :  
MSVOA\_U  
ClientSampleId :  
E0MB6DL

Tgt Ion: 75 Resp: 4605  
Ion Ratio Lower Upper  
75 100  
110 0.4 25.8 38.6#  
77 33.5 25.1 37.7

