

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041124\  
 Data File : VU058599.D  
 Acq On : 11 Apr 2024 11:19  
 Operator : MD/SY  
 Sample : P1970-16  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 COAL9

Quant Time: Apr 12 02:25:50 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

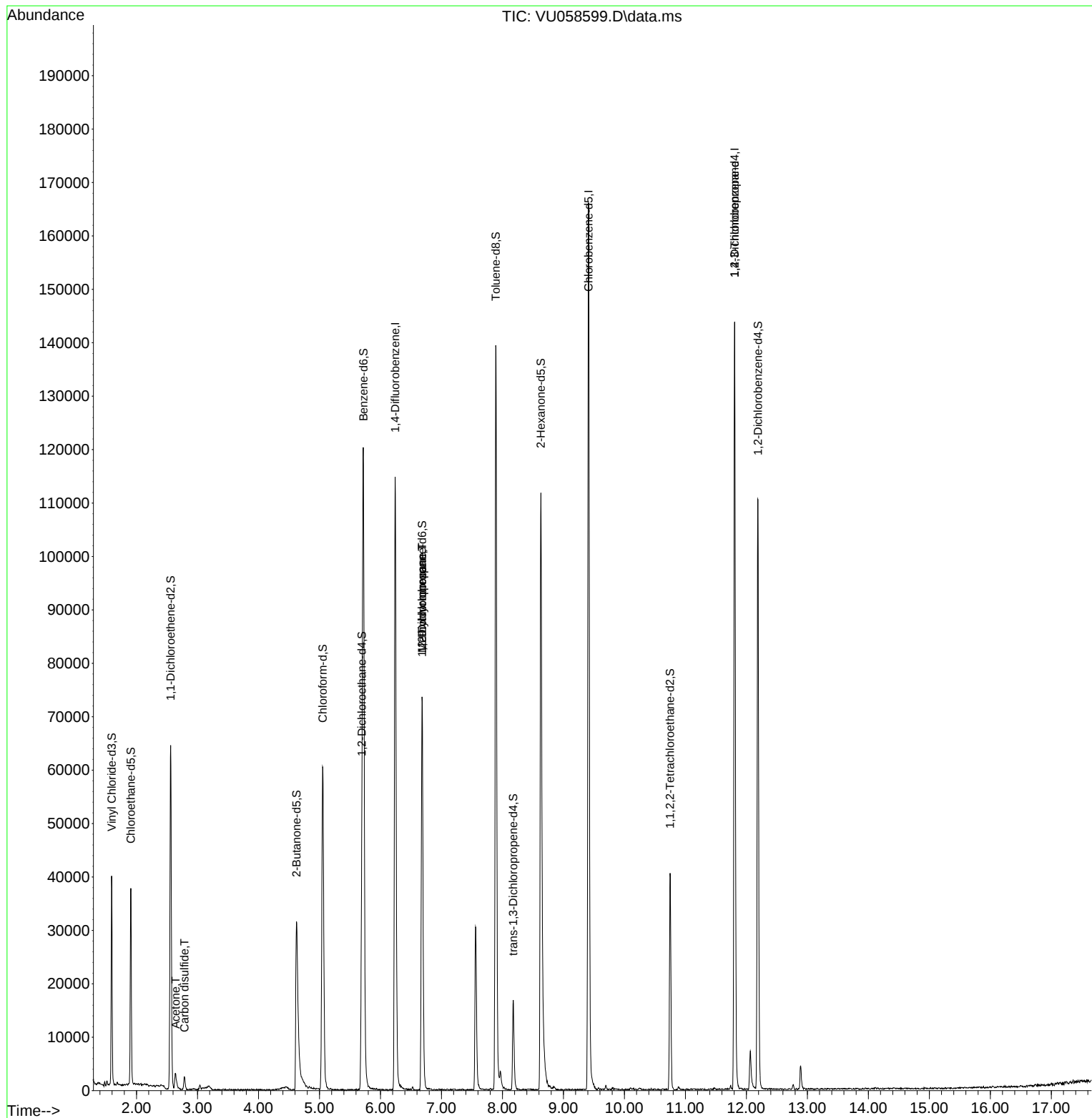
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.241  | 114   | 88652    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 88617    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 36655    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.592  | 65    | 26300    | 4.481    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 89.600%  |
| 7) Chloroethane-d5            | 1.907  | 69    | 25306    | 4.961    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 99.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 12540    | 4.720    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 94.400%  |
| 20) 2-Butanone-d5             | 4.624  | 46    | 56810    | 45.929   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 91.860%  |
| 24) Chloroform-d              | 5.052  | 84    | 55729    | 4.756    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 95.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 26854    | 4.911    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 98.200%  |
| 32) Benzene-d6                | 5.721  | 84    | 111324   | 4.666    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 93.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 35130    | 4.695    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 94.000%  |
| 41) Toluene-d8                | 7.891  | 98    | 92939    | 4.393    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 87.800%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 10067    | 4.335    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 86.600%  |
| 46) 2-Hexanone-d5             | 8.630  | 63    | 38075    | 39.747   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 79.500%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84    | 21000    | 3.976    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 79.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 28039    | 4.542    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 90.800%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 2.640  | 43    | 4761     | 4.510    | ug/L   | 94       |
| 14) Carbon disulfide          | 2.785  | 76    | 3192     | 0.160    | ug/L   | 96       |
| 35) Methylcyclohexane         | 6.682  | 83    | 7107     | 0.583    | ug/L # | 16       |
| 37) 1,2-Dichloropropane       | 6.685  | 63    | 3759     | 0.445    | ug/L # | 90       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75    | 5551     | 1.484    | ug/L # | 70       |
| -----                         |        |       |          |          |        |          |

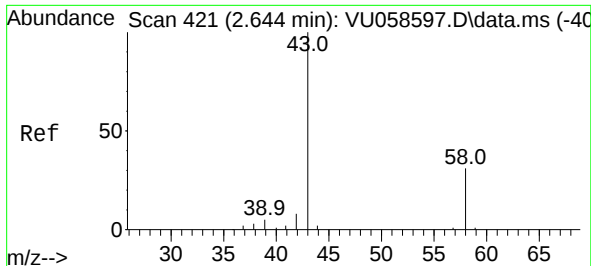
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.510 ug/L

RT: 2.640 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU058599.D

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Instrument :

MSVOA\_U

ClientSampleId :

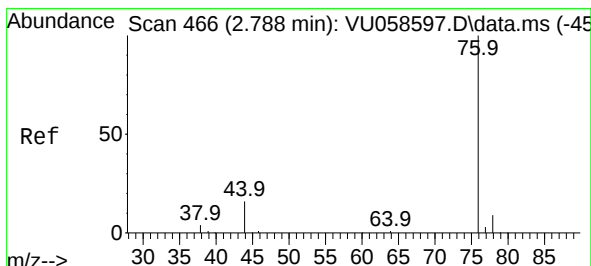
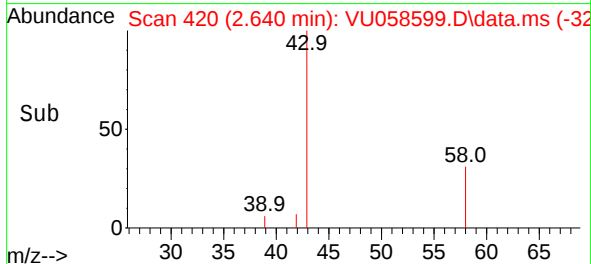
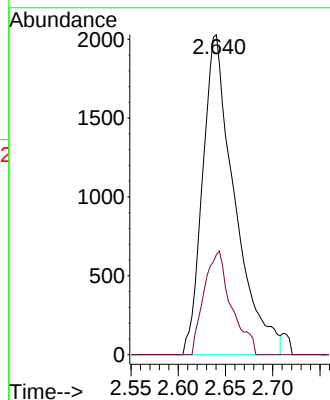
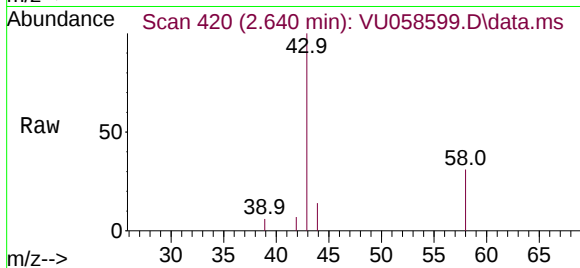
COAL9

Tgt Ion: 43 Resp: 4761

Ion Ratio Lower Upper

43 100

58 27.6 0.0 61.4



#14

Carbon disulfide

Concen: 0.160 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU058599.D

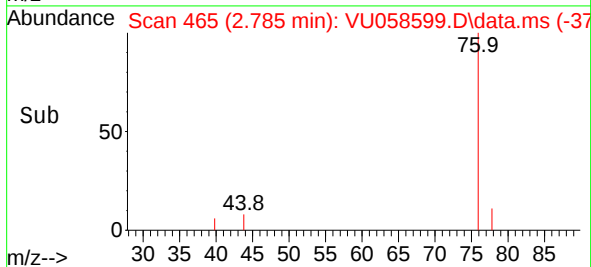
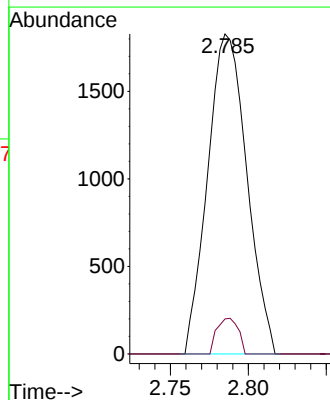
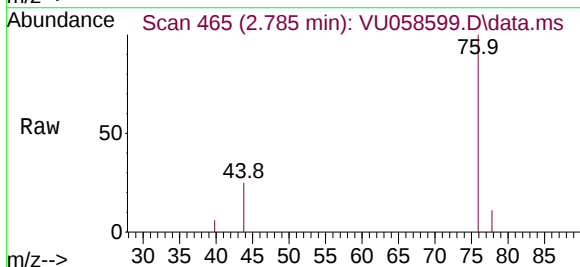
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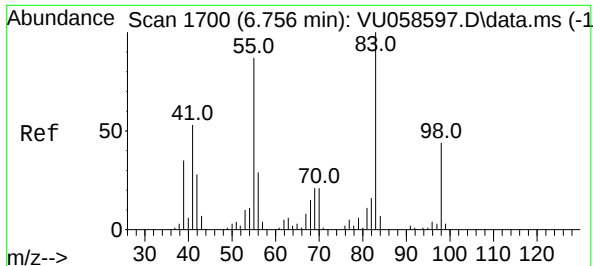
Tgt Ion: 76 Resp: 3192

Ion Ratio Lower Upper

76 100

78 10.9 7.5 11.3





#35

Methylcyclohexane

Concen: 0.583 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU058599.D

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Instrument :

MSVOA\_U

ClientSampleId :

COAL9

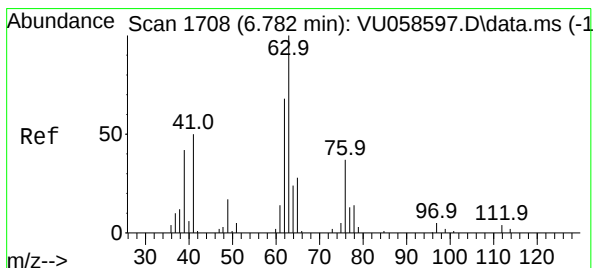
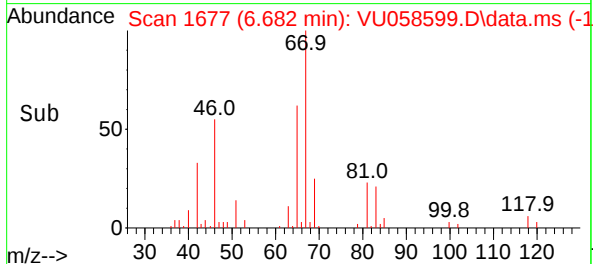
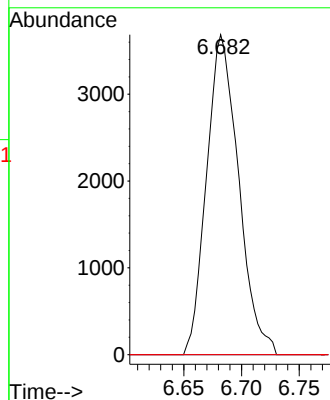
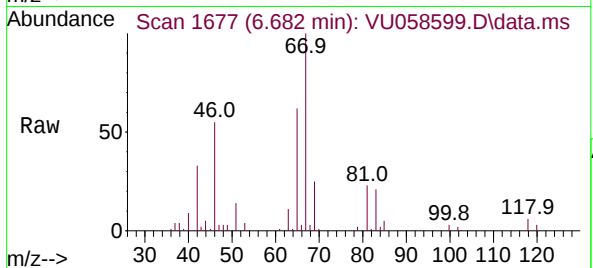
Tgt Ion: 83 Resp: 7107

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: 0.445 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.097 min

Lab File: VU058599.D

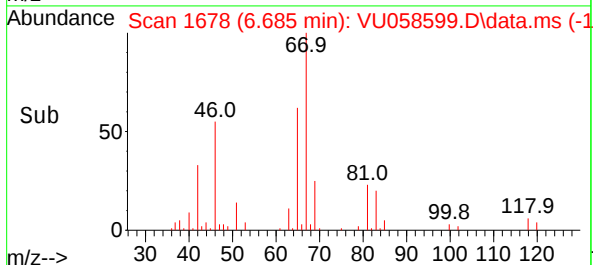
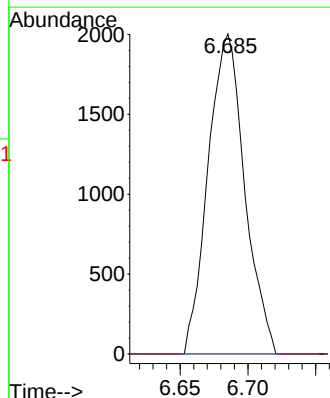
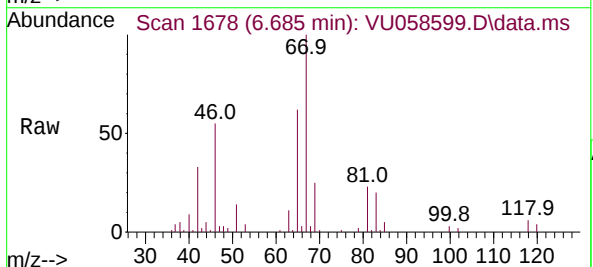
Acq: 11 Apr 2024 11:19

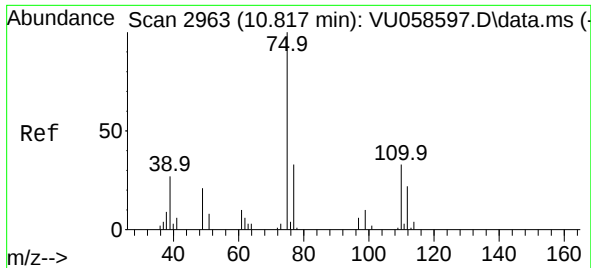
Tgt Ion: 63 Resp: 3759

Ion Ratio Lower Upper

63 100

112 0.0 2.6 4.0#





#61  
 1,2,3-Trichloropropane  
 Concen: 1.484 ug/L  
 RT: 11.807 min Scan# 31  
 Delta R.T. 0.990 min  
 Lab File: VU058599.D  
 Acq: 11 Apr 2024 11:19

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 COAL9

Tgt Ion: 75 Resp: 5551  
 Ion Ratio Lower Upper  
 75 100  
 110 0.0 25.8 38.6#  
 77 31.9 25.1 37.7

