

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU091824\  
 Data File : VU060865.D  
 Acq On : 18 Sep 2024 13:13  
 Operator : MD/SY  
 Sample : P3973-05  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 9 Sample Multiplier: 1

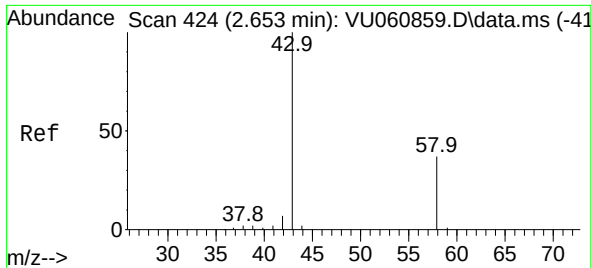
Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Sep 19 05:13:14 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR091624WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Sep 19 05:11:13 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 144998   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 155333   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.808 | 152   | 62497    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 41794    | 3.205    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 64.000%  |
| 7) Chloroethane-d5            | 1.911  | 69    | 35260    | 3.797    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 76.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 16308    | 3.528    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 70.600%  |
| 20) 2-Butanone-d5             | 4.638  | 46    | 86761    | 41.440   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 82.880%  |
| 24) Chloroform-d              | 5.056  | 84    | 78016    | 3.913    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 78.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 38624    | 4.053    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 81.000%  |
| 32) Benzene-d6                | 5.721  | 84    | 151755   | 3.645    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 73.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.683  | 67    | 51591    | 4.005    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 80.200%  |
| 41) Toluene-d8                | 7.891  | 98    | 132688   | 3.496    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 70.000%  |
| 43) trans-1,3-Dichloroprop... | 8.178  | 79    | 16146    | 3.482    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 69.600%  |
| 46) 2-Hexanone-d5             | 8.631  | 63    | 68482    | 37.441   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 74.880%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750 | 84    | 39213    | 3.886    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 77.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 48234    | 4.593    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 91.800%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 2.657  | 43    | 26725    | 19.133   | ug/L   | 97       |
| 14) Carbon disulfide          | 2.789  | 76    | 4912     | 0.194    | ug/L   | 97       |
| 35) Methylcyclohexane         | 6.683  | 83    | 12380    | 0.806    | ug/L # | 18       |
| 37) 1,2-Dichloropropane       | 6.686  | 63    | 5232     | 0.445    | ug/L # | 93       |
| 42) Toluene                   | 7.972  | 91    | 4206     | 0.094    | ug/L   | 97       |
| 61) 1,2,3-Trichloropropane    | 11.804 | 75    | 6519     | 1.118    | ug/L # | 67       |
| -----                         |        |       |          |          |        |          |

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





#13

Acetone

Concen: 19.133 ug/L

RT: 2.657 min Scan# 41

Delta R.T. 0.004 min

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MSVOA\_U

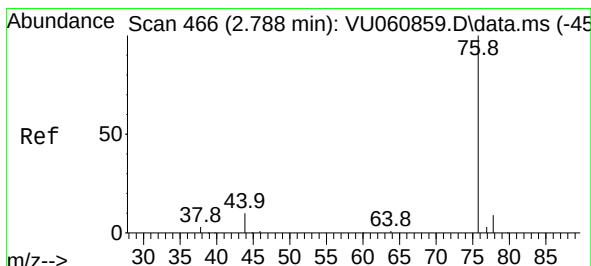
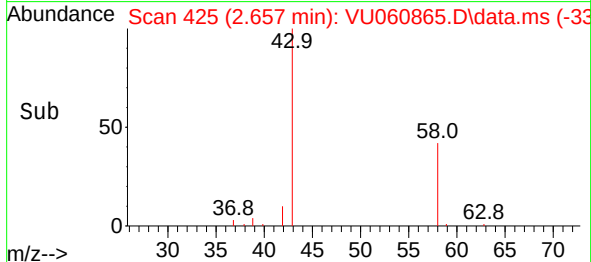
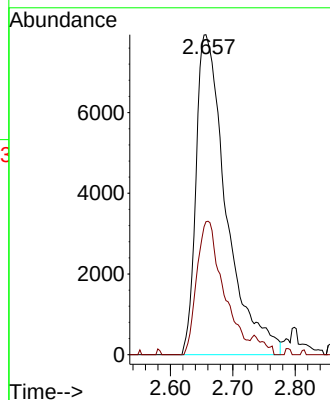
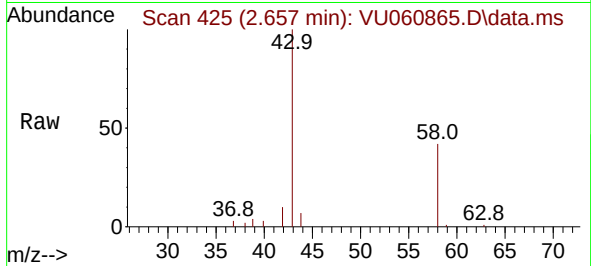
ClientSampleId :

Tgt Ion: 43 Resp: 26725

Ion Ratio Lower Upper

43 100

58 36.8 0.0 69.6



#14

Carbon disulfide

Concen: 0.194 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU060865.D

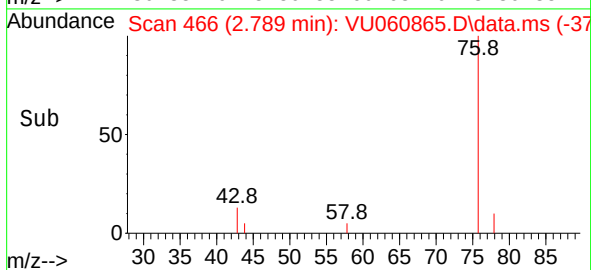
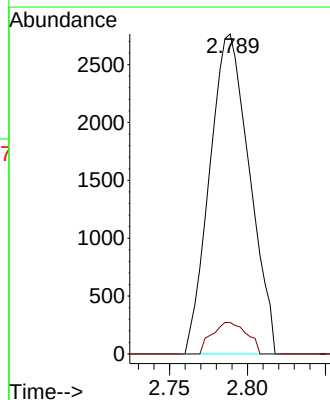
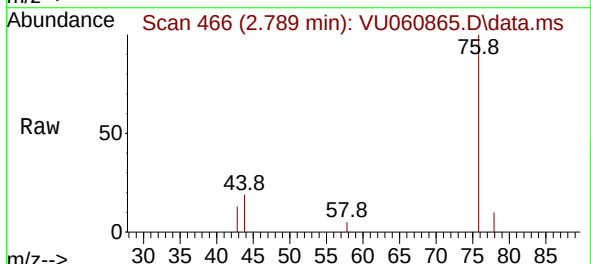
Acq: 18 Sep 2024 13:13

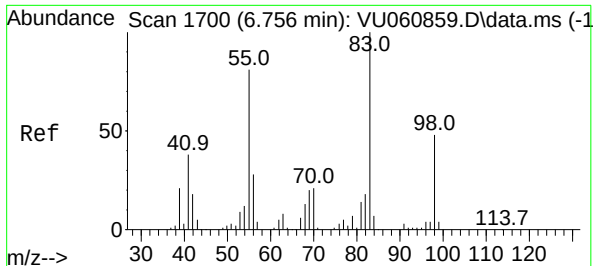
Tgt Ion: 76 Resp: 4912

Ion Ratio Lower Upper

76 100

78 9.9 7.1 10.7





#35

Methylcyclohexane

Concen: 0.806 ug/L

RT: 6.683 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU060865.D

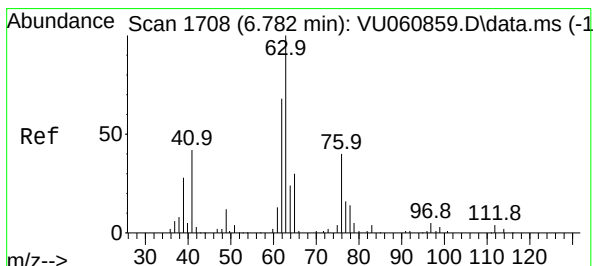
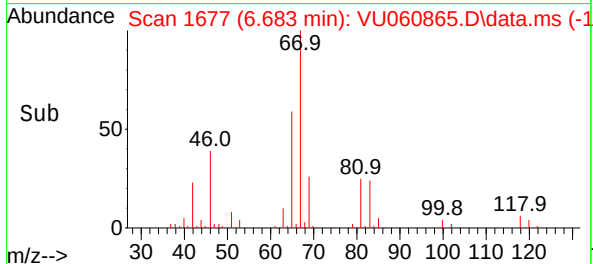
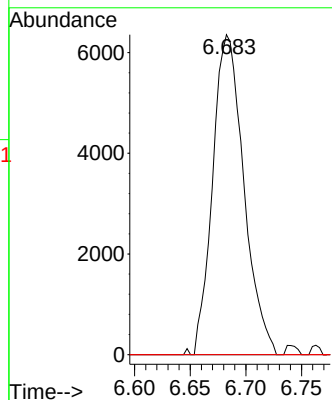
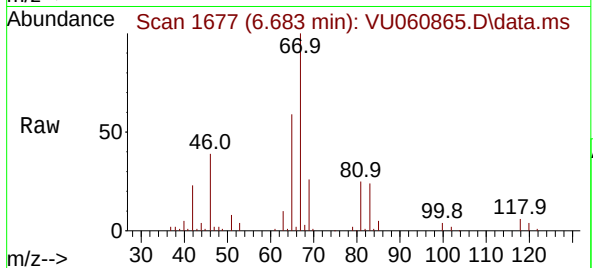
Acq: 18 Sep 2024 13:13

Instrument :

MSVOA\_U

ClientSampleId :

|             |       |            |
|-------------|-------|------------|
| Tgt Ion: 83 | Resp: | 12380      |
| Ion Ratio   | Lower | Upper      |
| 83          | 100   |            |
| 55          | 0.0   | 62.6 94.0# |
| 98          | 0.2   | 37.6 56.4# |



#37

1,2-Dichloropropane

Concen: 0.445 ug/L

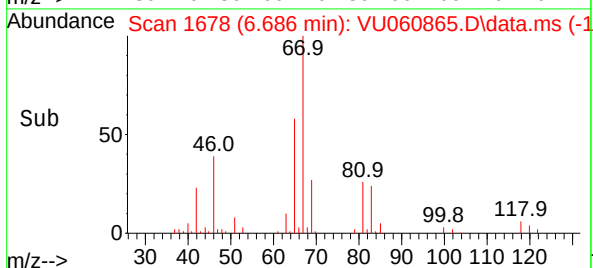
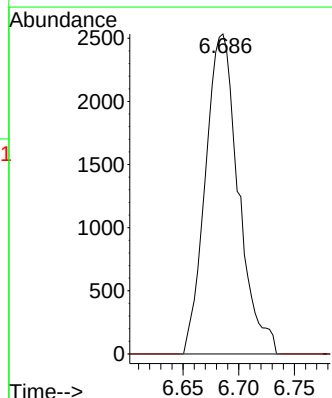
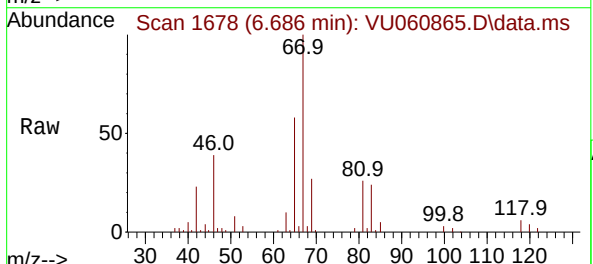
RT: 6.686 min Scan# 1678

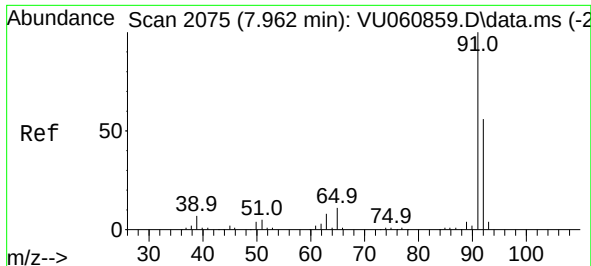
Delta R.T. -0.096 min

Lab File: VU060865.D

Acq: 18 Sep 2024 13:13

|             |       |          |
|-------------|-------|----------|
| Tgt Ion: 63 | Resp: | 5232     |
| Ion Ratio   | Lower | Upper    |
| 63          | 100   |          |
| 112         | 0.0   | 2.0 3.0# |





#42

Toluene

Concen: 0.094 ug/L

RT: 7.972 min Scan# 2075

Delta R.T. 0.010 min

Lab File: VU060865.D

Acq: 18 Sep 2024 13:13

Instrument :

MSVOA\_U

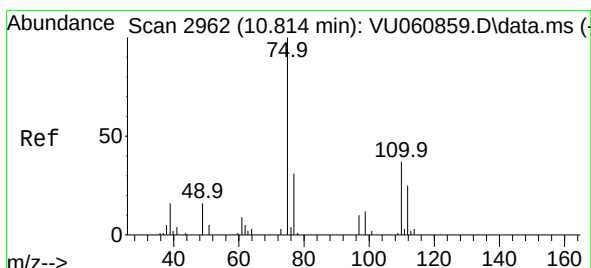
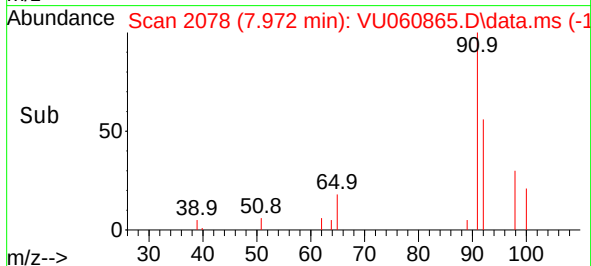
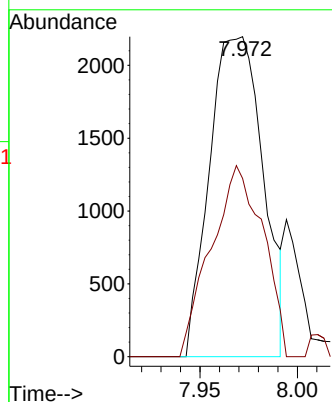
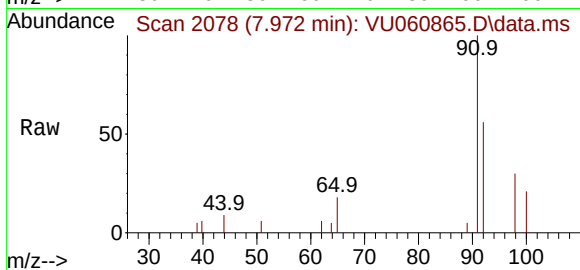
ClientSampleId :

Tgt Ion: 91 Resp: 4206

Ion Ratio Lower Upper

91 100

92 55.7 40.5 75.3



#61

1,2,3-Trichloropropane

Concen: 1.118 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.991 min

Lab File: VU060865.D

Acq: 18 Sep 2024 13:13

Tgt Ion: 75 Resp: 6519

Ion Ratio Lower Upper

75 100

110 0.0 28.6 43.0#

77 34.0 26.3 39.5

