

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU121223\  
 Data File : VU056782.D  
 Acq On : 12 Dec 2023 13:42  
 Operator : MD/SY  
 Sample : 05664-14  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Dec 13 00:32:03 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR121123WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Dec 13 00:30:00 2023  
 Response via : Initial Calibration

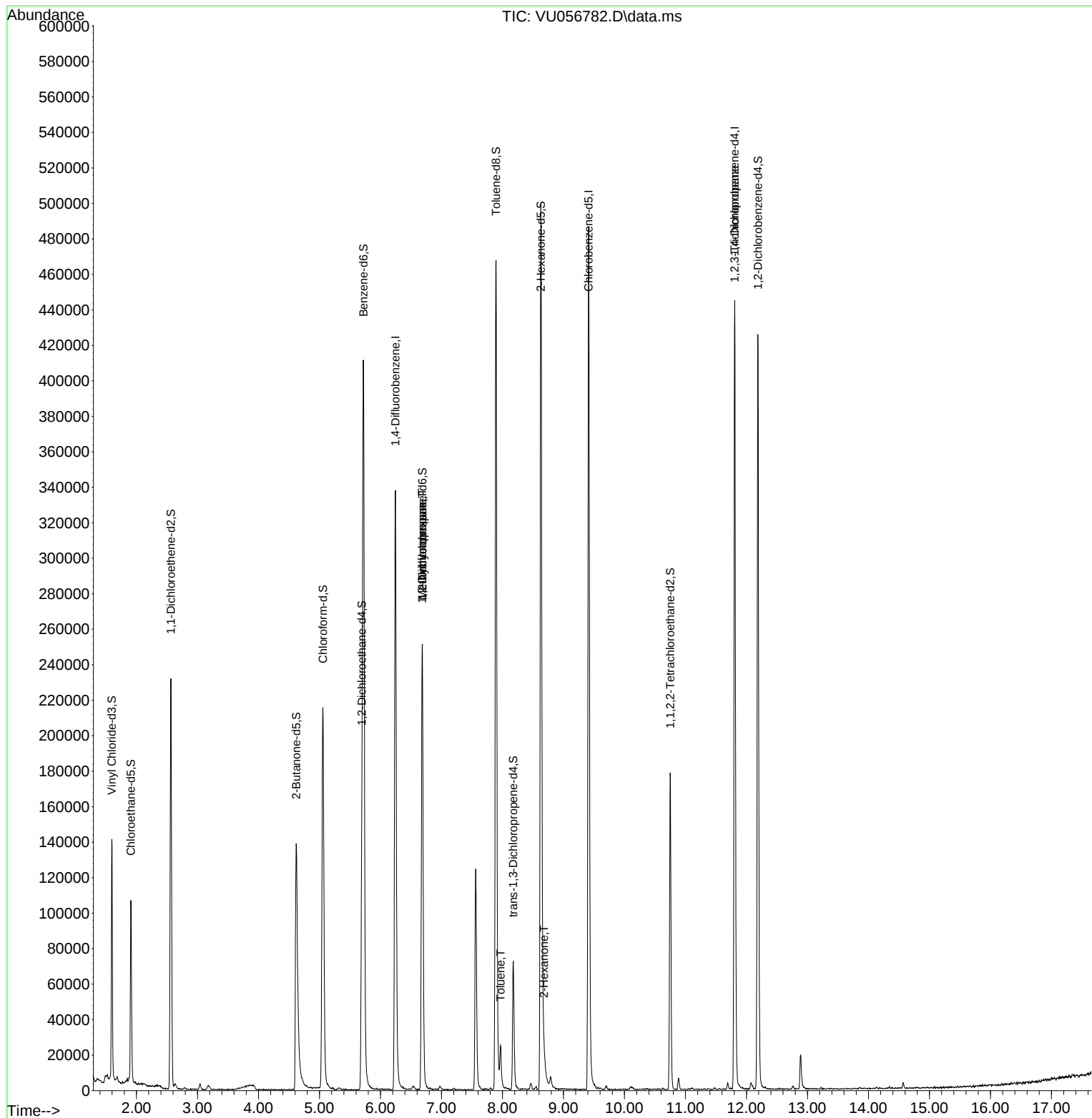
| Compound                      | R.T.   | QIon           | Response | Conc   | Units   | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|---------|----------|
| Internal Standards            |        |                |          |        |         |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114            | 279953   | 5.000  | ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117            | 276967   | 5.000  | ug/L    | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.808 | 152            | 118331   | 5.000  | ug/L    | 0.00     |
| System Monitoring Compounds   |        |                |          |        |         |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65             | 98178    | 4.091  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 81.800% |          |
| 7) Chloroethane-d5            | 1.908  | 69             | 75712    | 4.216  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 84.400% |          |
| 11) 1,1-Dichloroethene-d2     | 2.564  | 65             | 42779    | 4.167  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 83.400% |          |
| 20) 2-Butanone-d5             | 4.618  | 46             | 231112   | 48.768 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 97.540% |          |
| 24) Chloroform-d              | 5.055  | 84             | 205230   | 4.516  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 90.400% |          |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65             | 100578   | 4.677  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 93.600% |          |
| 32) Benzene-d6                | 5.721  | 84             | 398640   | 4.640  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 92.800% |          |
| 36) 1,2-Dichloropropane-d6    | 6.686  | 67             | 125289   | 4.660  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 93.200% |          |
| 41) Toluene-d8                | 7.895  | 98             | 327157   | 4.261  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 85.200% |          |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79             | 44625    | 4.280  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 85.600% |          |
| 46) 2-Hexanone-d5             | 8.628  | 63             | 172461   | 43.851 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 87.700% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750 | 84             | 90342    | 4.644  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 92.800% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152            | 111985   | 4.814  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 96.200% |          |
| Target Compounds              |        |                |          |        |         |          |
|                               |        |                |          |        | Qvalue  |          |
| 35) Methylcyclohexane         | 6.686  | 83             | 29855    | 0.758  | ug/L #  | 17       |
| 37) 1,2-Dichloropropane       | 6.682  | 63             | 13547    | 0.544  | ug/L #  | 88       |
| 42) Toluene                   | 7.968  | 91             | 16830    | 0.167  | ug/L    | 99       |
| 48) 2-Hexanone                | 8.682  | 43             | 8469     | 1.006  | ug/L #  | 80       |
| 61) 1,2,3-Trichloropropane    | 11.804 | 75             | 13705    | 1.079  | ug/L #  | 68       |

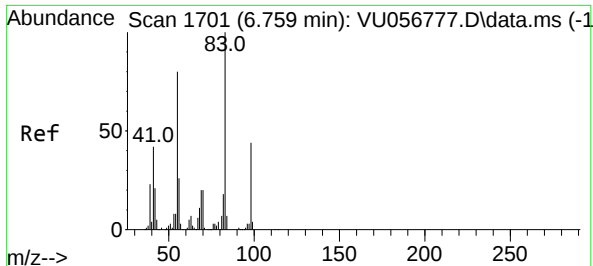
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 0.758 ug/L

RT: 6.686 min Scan# 1

Delta R.T. -0.074 min

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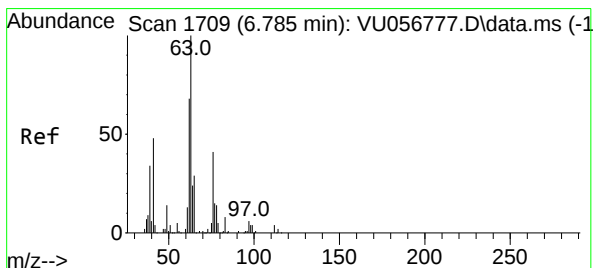
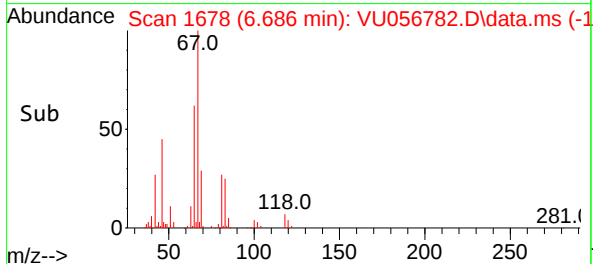
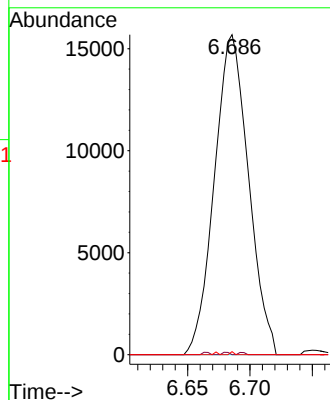
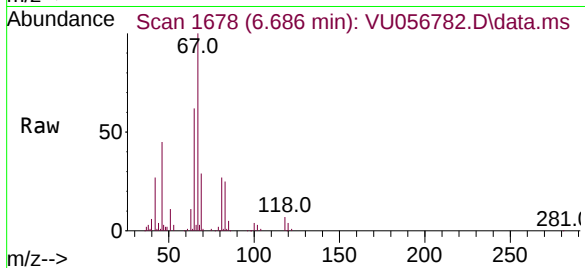
Tgt Ion: 83 Resp: 29855

Ion Ratio Lower Upper

83 100

55 0.1 64.6 97.0#

98 0.1 36.1 54.1#



#37

1,2-Dichloropropane

Concen: 0.544 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.103 min

Lab File: VU056782.D

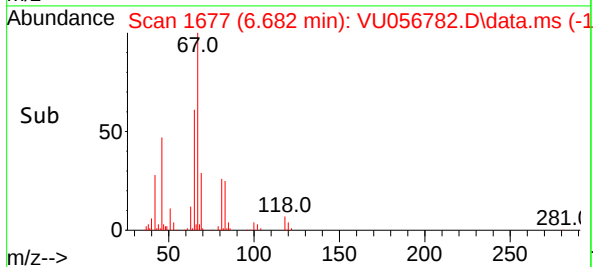
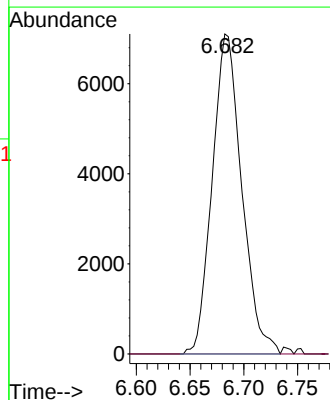
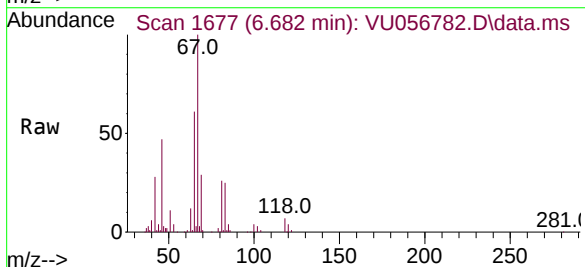
Acq: 12 Dec 2023 13:42

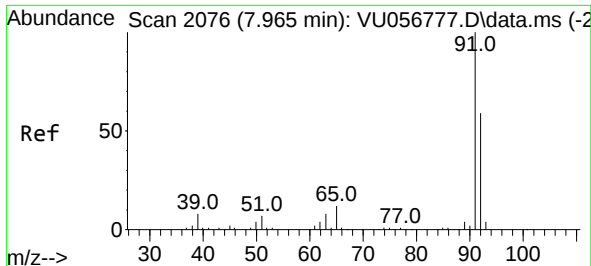
Tgt Ion: 63 Resp: 13547

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#





#42

Toluene

Concen: 0.167 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.004 min

Lab File: VU056782.D

Acq: 12 Dec 2023 13:42

Instrument :

MSVOA\_U

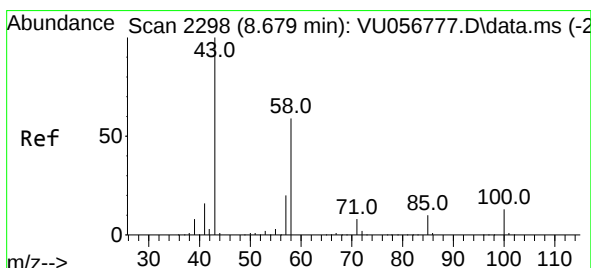
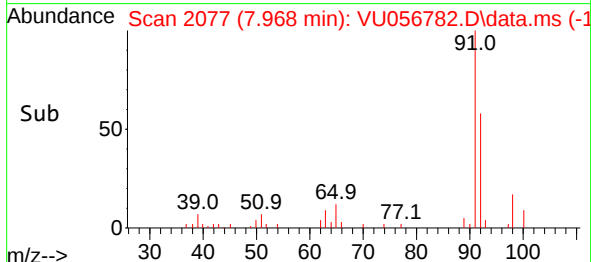
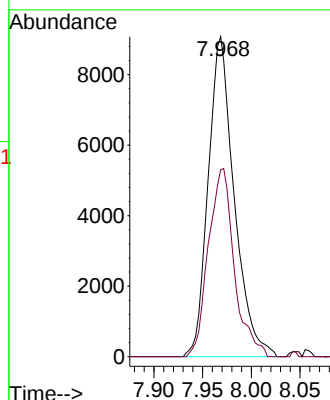
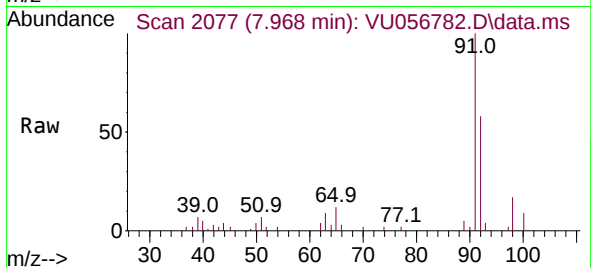
ClientSampleId :

Tgt Ion: 91 Resp: 16830

Ion Ratio Lower Upper

91 100

92 58.5 40.4 75.0



#48

2-Hexanone

Concen: 1.006 ug/L

RT: 8.682 min Scan# 2299

Delta R.T. 0.004 min

Lab File: VU056782.D

Acq: 12 Dec 2023 13:42

Tgt Ion: 43 Resp: 8469

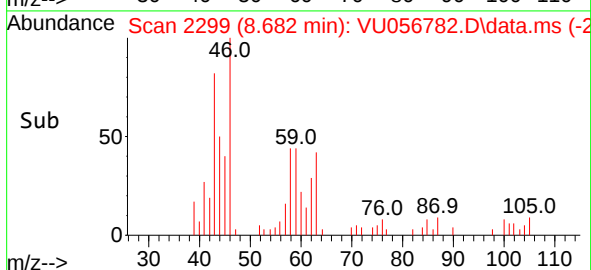
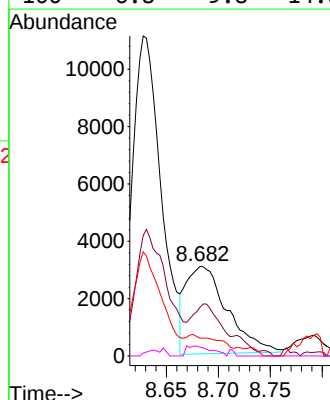
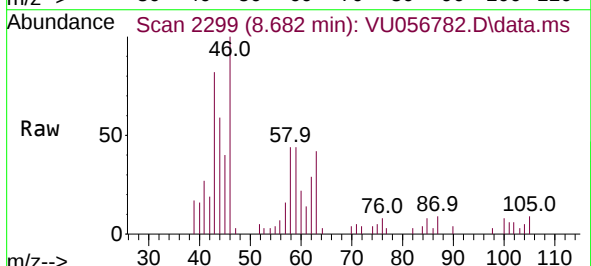
Ion Ratio Lower Upper

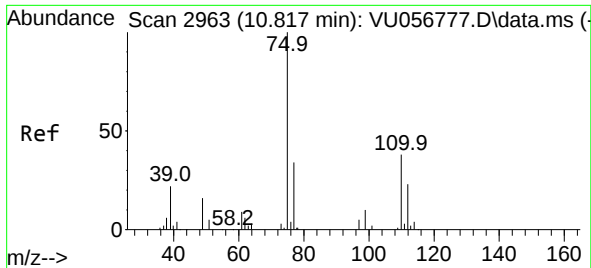
43 100

58 42.8 47.5 71.3#

57 13.2 17.0 25.4#

100 6.8 9.8 14.8#





#61

1,2,3-Trichloropropane

Concen: 1.079 ug/L

RT: 11.804 min Scan# 31

Delta R.T. 0.987 min

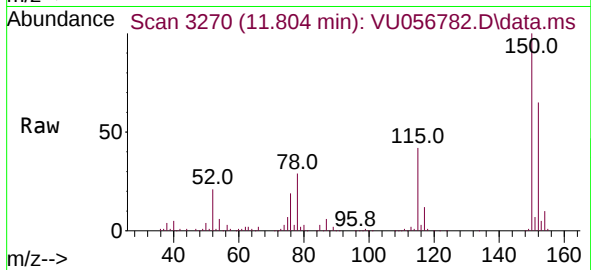
Lab File: VU056782.D

Acq: 12 Dec 2023 13:42

Instrument :

MSVOA\_U

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 13705 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 2.8   | 28.4  | 42.6# |
| 77       | 36.0  | 26.3  | 39.5  |

