

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU121823\  
 Data File : VU056999.D  
 Acq On : 18 Dec 2023 17:33  
 Operator : MD/SY  
 Sample : 05810-13DL 10X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Dec 19 01:42:28 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR121123WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Dec 19 01:20:32 2023  
 Response via : Initial Calibration

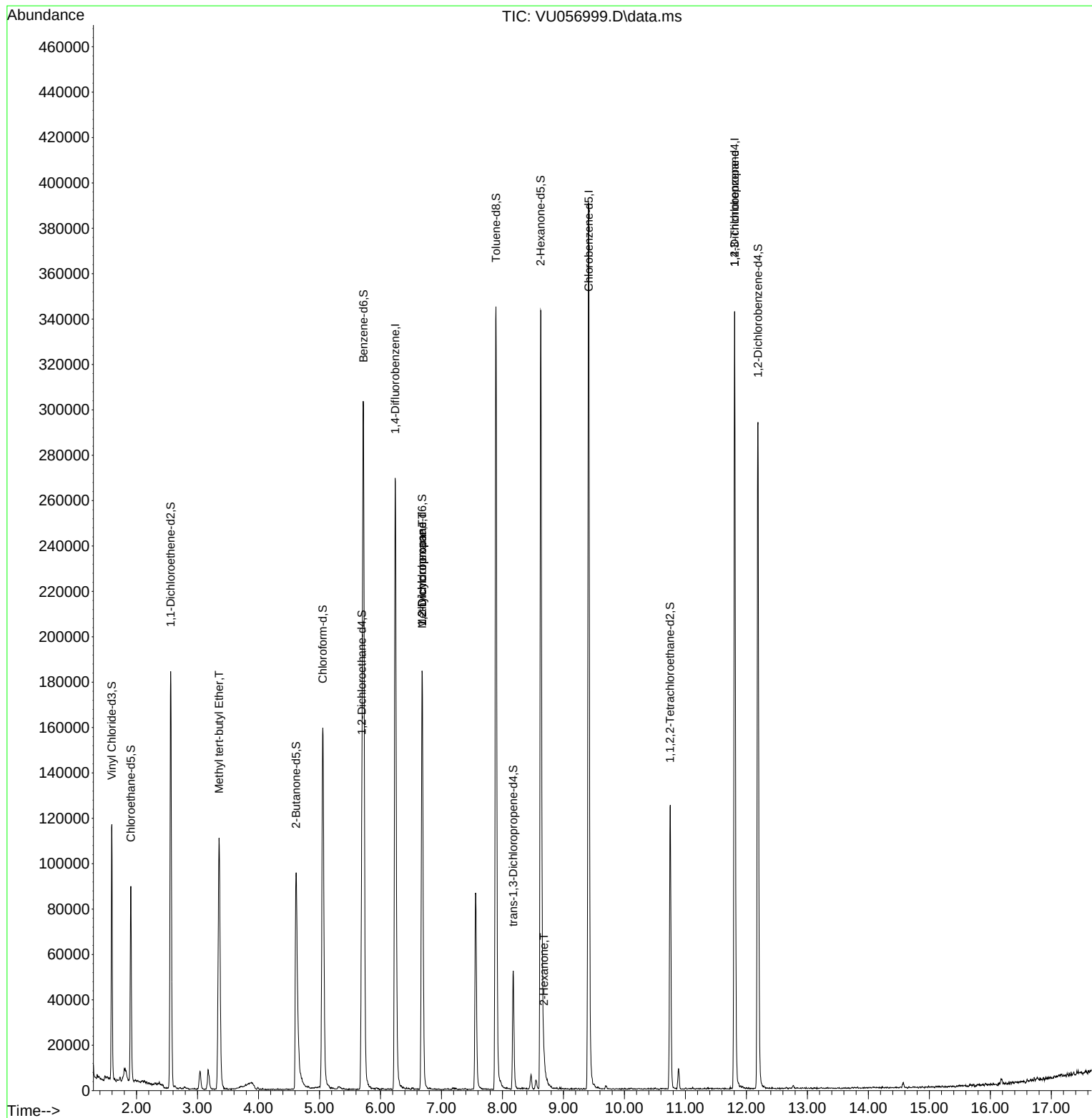
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 216818   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.415  | 117   | 223212   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 90929    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 80553    | 4.334    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 86.600%  |
| 7) Chloroethane-d5            | 1.907  | 69    | 66061    | 4.750    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 95.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 35376    | 4.449    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 89.000%  |
| 20) 2-Butanone-d5             | 4.618  | 46    | 143560   | 39.115   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 78.220%  |
| 24) Chloroform-d              | 5.055  | 84    | 156299   | 4.441    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 88.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 75335    | 4.524    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 90.400%  |
| 32) Benzene-d6                | 5.721  | 84    | 293413   | 4.238    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 84.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 91479    | 4.221    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 84.400%  |
| 41) Toluene-d8                | 7.894  | 98    | 240174   | 3.881    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 77.600%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 30381    | 3.615    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 72.400%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 114459   | 36.112   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 72.220%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750 | 84    | 63230    | 4.033    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 80.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 77994    | 4.363    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 87.200%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 17) Methyl tert-butyl Ether   | 3.354  | 73    | 120997   | 3.100    | ug/L   | 98       |
| 35) Methylcyclohexane         | 6.685  | 83    | 21602    | 0.680    | ug/L # | 17       |
| 37) 1,2-Dichloropropane       | 6.682  | 63    | 10175    | 0.507    | ug/L # | 88       |
| 48) 2-Hexanone                | 8.682  | 43    | 4649     | 0.685    | ug/L # | 78       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75    | 11138    | 1.141    | ug/L # | 68       |
| -----                         |        |       |          |          |        |          |

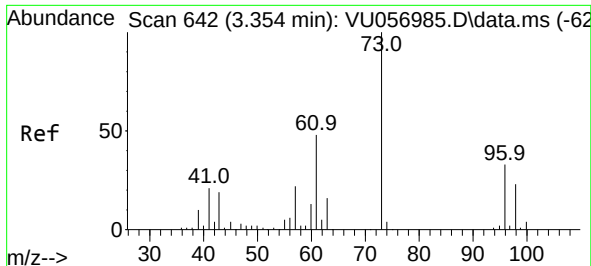
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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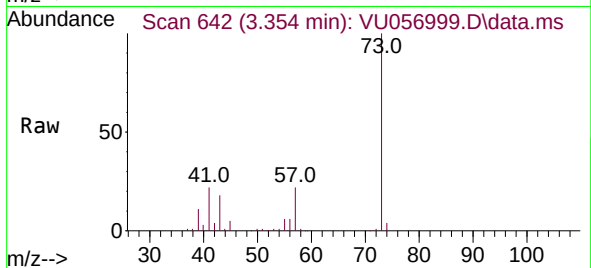
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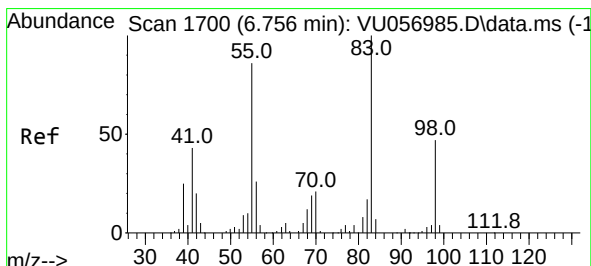
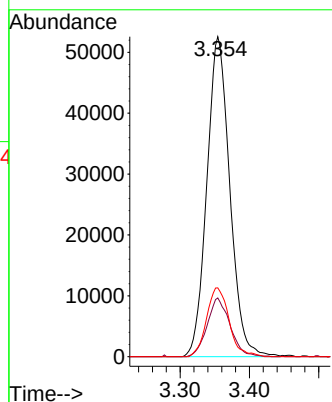
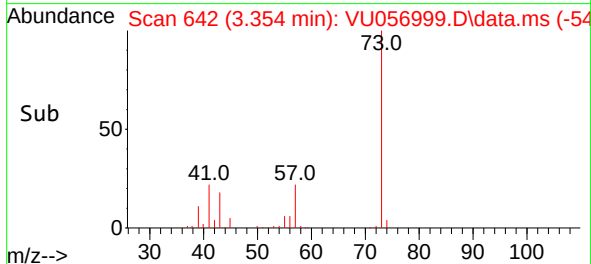


#17  
Methyl tert-butyl Ether  
Concen: 3.100 ug/L  
RT: 3.354 min Scan# 642  
Delta R.T. 0.000 min  
Lab File: VU056999.D  
Acq: 18 Dec 2023 17:33

Instrument :  
MSVOA\_U  
ClientSampleId :

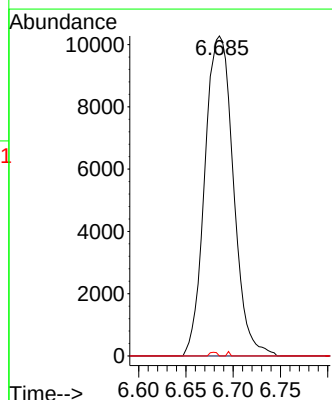
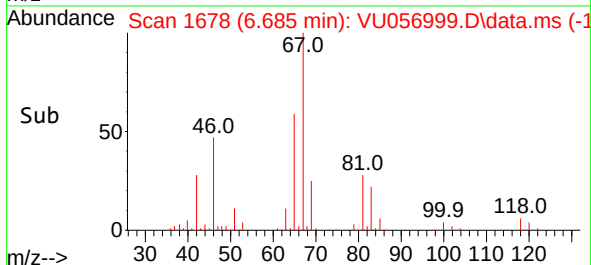
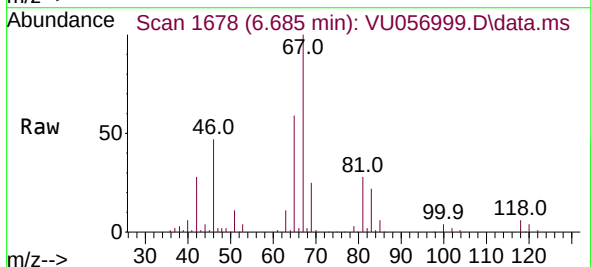


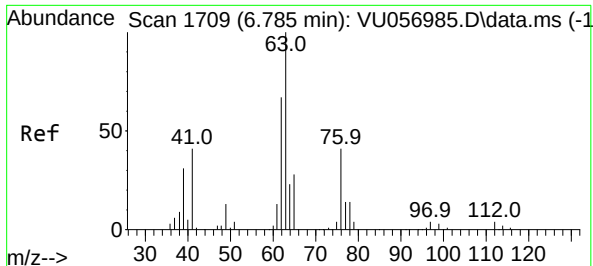
Tgt Ion: 73 Resp: 120997  
Ion Ratio Lower Upper  
73 100  
43 18.3 14.4 21.6  
57 21.1 17.8 26.8



#35  
Methylcyclohexane  
Concen: 0.680 ug/L  
RT: 6.685 min Scan# 1678  
Delta R.T. -0.071 min  
Lab File: VU056999.D  
Acq: 18 Dec 2023 17:33

Tgt Ion: 83 Resp: 21602  
Ion Ratio Lower Upper  
83 100  
55 0.0 64.6 97.0#  
98 0.3 36.1 54.1#





#37

1,2-Dichloropropane

Concen: 0.507 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU056999.D

Acq: 18 Dec 2023 17:33

Instrument :

MSVOA\_U

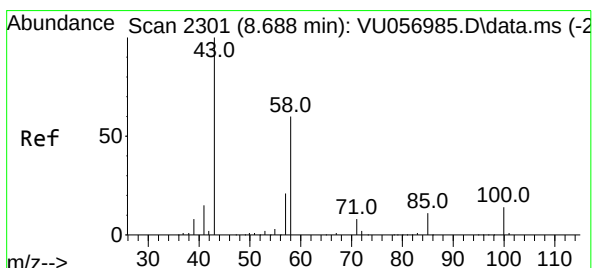
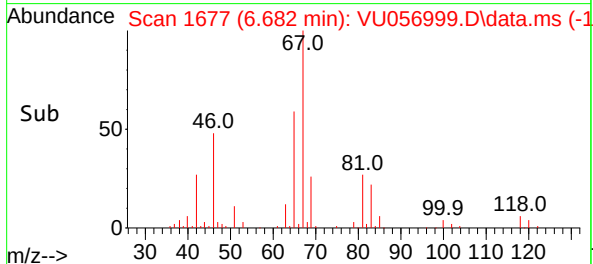
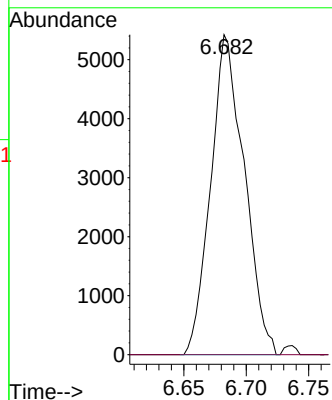
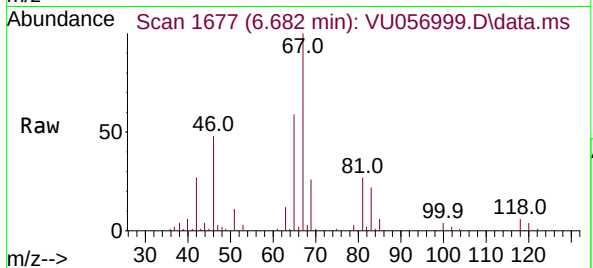
ClientSampleId :

Tgt Ion: 63 Resp: 10175

Ion Ratio Lower Upper

63 100

112 0.2 3.3 4.9#



#48

2-Hexanone

Concen: 0.685 ug/L

RT: 8.682 min Scan# 2299

Delta R.T. -0.006 min

Lab File: VU056999.D

Acq: 18 Dec 2023 17:33

Tgt Ion: 43 Resp: 4649

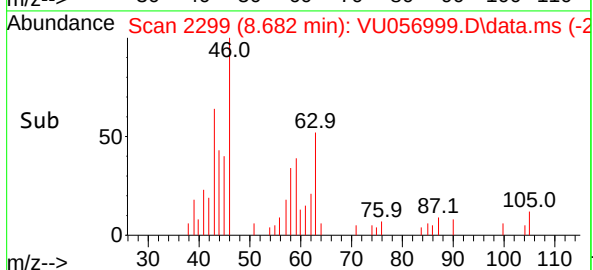
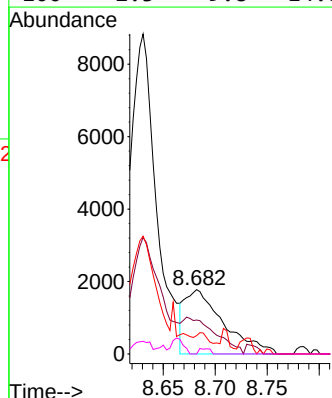
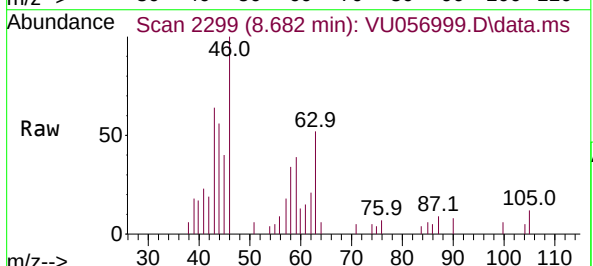
Ion Ratio Lower Upper

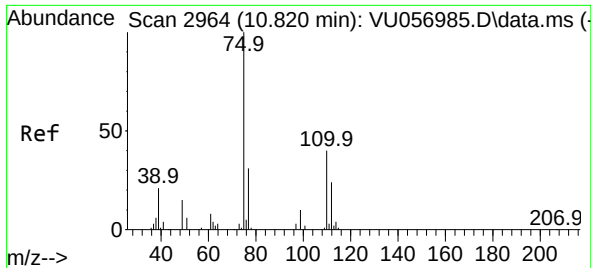
43 100

58 47.0 47.5 71.3#

57 4.1 17.0 25.4#

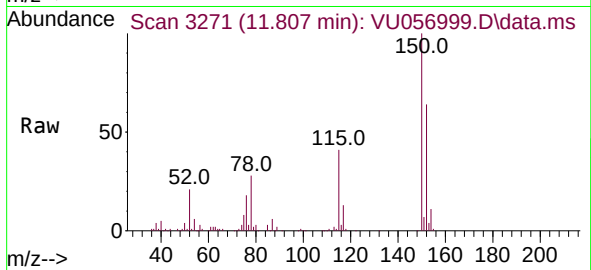
100 2.3 9.8 14.8#





#61  
 1,2,3-Trichloropropane  
 Concen: 1.141 ug/L  
 RT: 11.807 min Scan# 31  
 Delta R.T. 0.987 min  
 Lab File: VU056999.D  
 Acq: 18 Dec 2023 17:33

Instrument :  
 MSVOA\_U  
 ClientSampleId :



Tgt Ion: 75 Resp: 11138  
 Ion Ratio Lower Upper  
 75 100  
 110 1.7 28.4 42.6#  
 77 34.6 26.3 39.5

