

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU112123\  
 Data File : VU056571.D  
 Acq On : 22 Nov 2023 00:02  
 Operator : MD/SY  
 Sample : 05436-19  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Nov 22 01:00:57 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111323WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Nov 22 00:29:26 2023  
 Response via : Initial Calibration

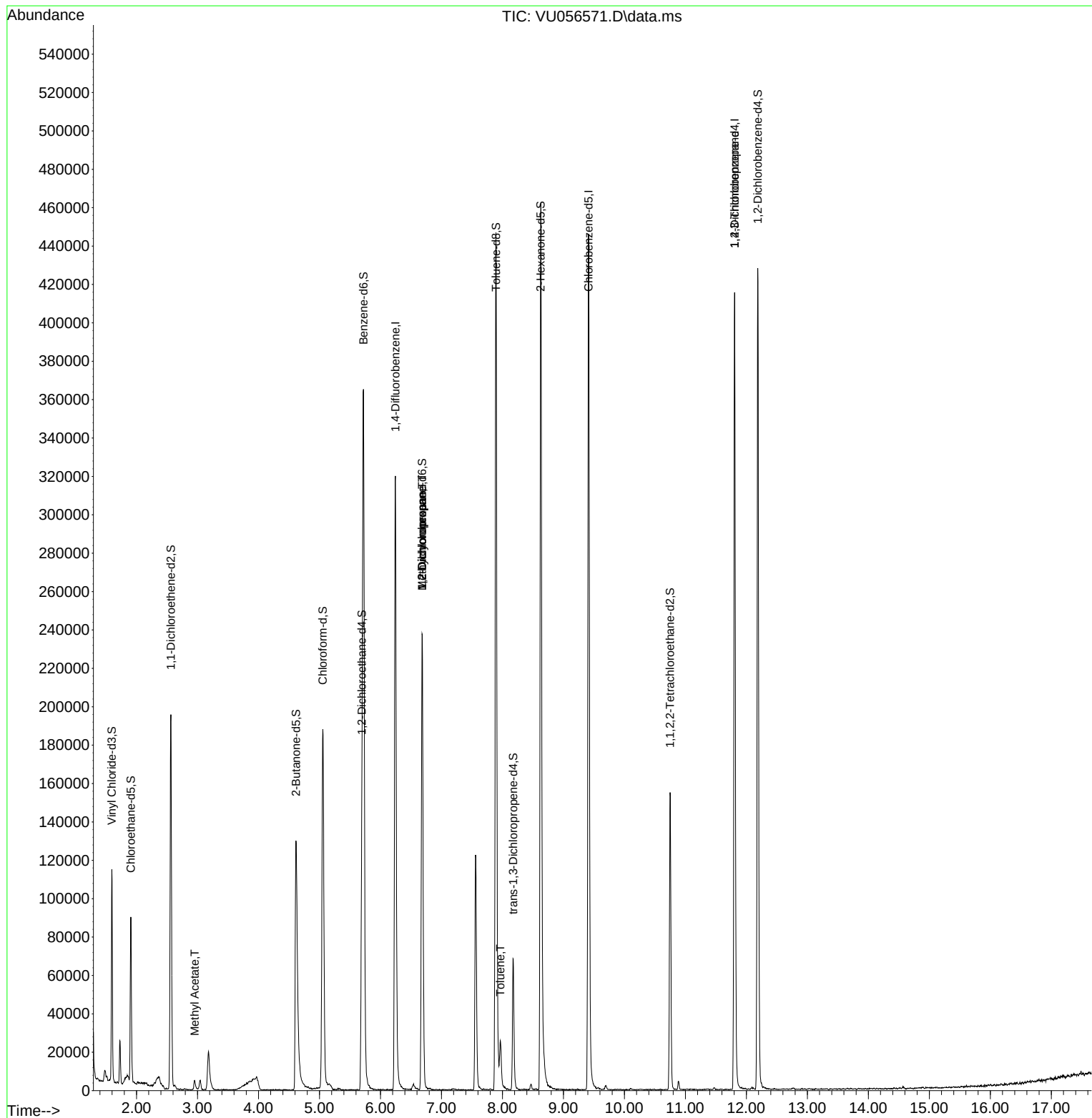
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114   | 263806   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 261962   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 112071   | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65    | 78810    | 3.994    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 79.800%  |
| 7) Chloroethane-d5            | 1.907  | 69    | 66587    | 4.401    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 88.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    | 37629    | 4.321    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 86.400%  |
| 20) 2-Butanone-d5             | 4.615  | 46    | 197065   | 50.086   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 100.180% |
| 24) Chloroform-d              | 5.055  | 84    | 182970   | 4.794    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 95.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 91858    | 5.209    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 104.200% |
| 32) Benzene-d6                | 5.721  | 84    | 353541   | 4.530    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 90.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67    | 117779   | 5.007    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 100.200% |
| 41) Toluene-d8                | 7.894  | 98    | 313729   | 4.552    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 91.000%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 42017    | 4.657    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 93.200%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 157794   | 44.508   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 89.020%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84    | 79407    | 4.724    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 94.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 112197   | 5.419    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 108.400% |
| Target Compounds              |        |       |          |          |        |          |
| 15) Methyl Acetate            | 2.952  | 43    | 6100     | 1.023    | ug/L   | 94       |
| 35) Methylcyclohexane         | 6.685  | 83    | 25708    | 0.874    | ug/L # | 19       |
| 37) 1,2-Dichloropropane       | 6.682  | 63    | 11551    | 0.593    | ug/L # | 88       |
| 42) Toluene                   | 7.965  | 91    | 18199    | 0.235    | ug/L   | 95       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75    | 14188    | 1.475    | ug/L # | 68       |

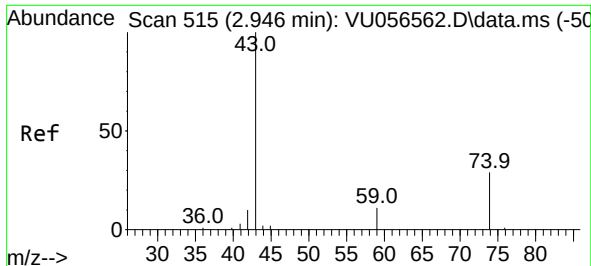
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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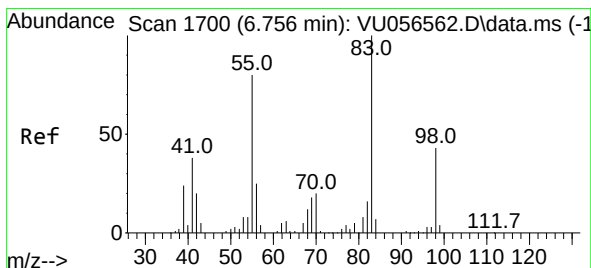
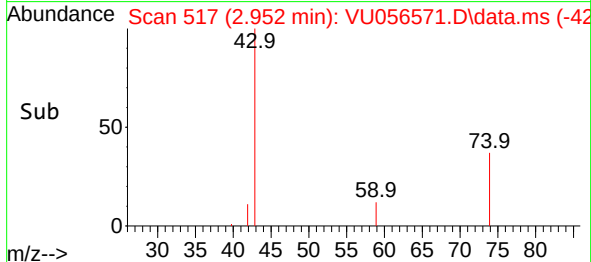
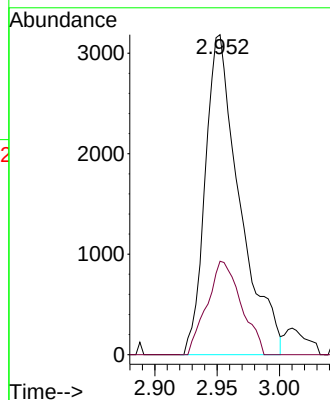
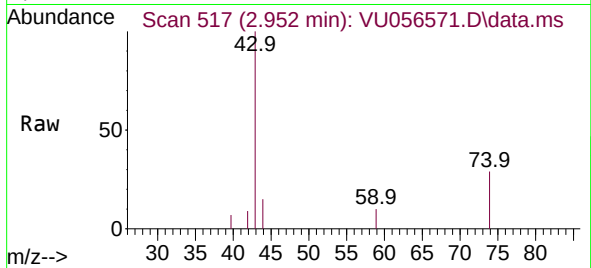




#15  
Methyl Acetate  
Concen: 1.023 ug/L  
RT: 2.952 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VU056571.D  
Acq: 22 Nov 2023 00:02

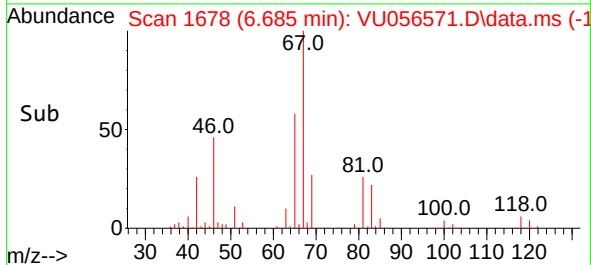
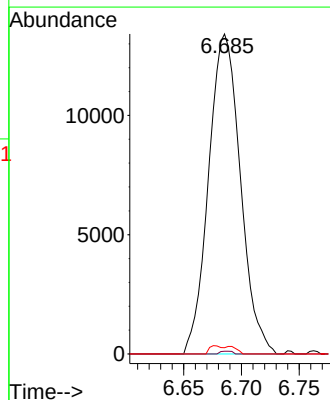
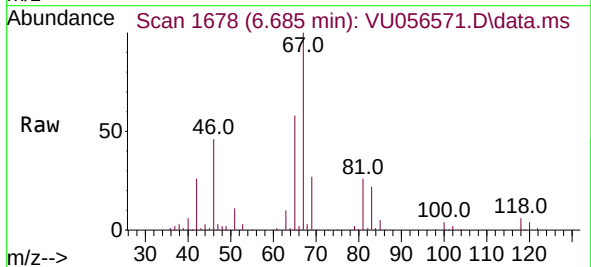
Instrument :  
MSVOA\_U  
ClientSampleId :

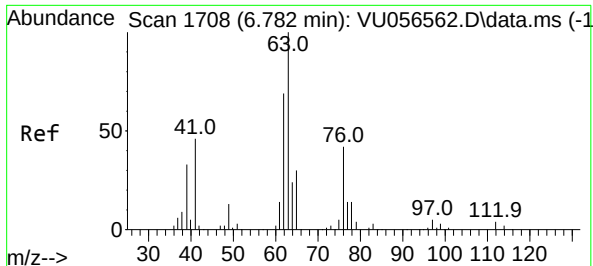
Tgt Ion: 43 Resp: 6100  
Ion Ratio Lower Upper  
43 100  
74 29.0 20.6 31.0



#35  
Methylcyclohexane  
Concen: 0.874 ug/L  
RT: 6.685 min Scan# 1678  
Delta R.T. -0.071 min  
Lab File: VU056571.D  
Acq: 22 Nov 2023 00:02

Tgt Ion: 83 Resp: 25708  
Ion Ratio Lower Upper  
83 100  
55 0.3 62.9 94.3#  
98 0.7 35.3 52.9#





#37

1,2-Dichloropropane

Concen: 0.593 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU056571.D

Acq: 22 Nov 2023 00:02

Instrument :

MSVOA\_U

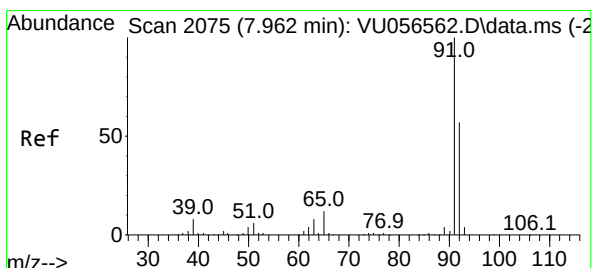
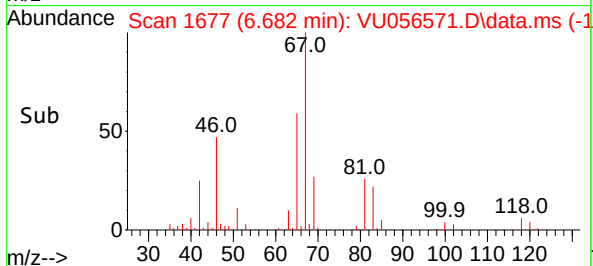
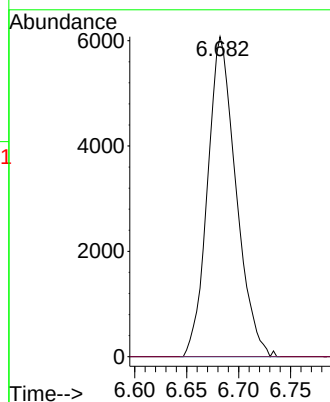
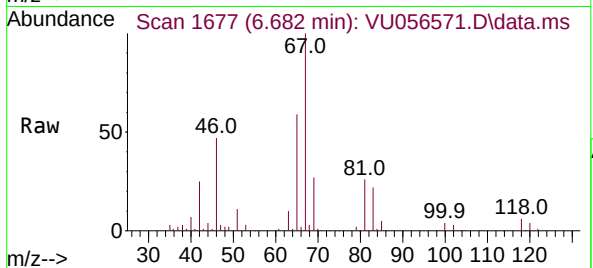
ClientSampleId :

Tgt Ion: 63 Resp: 11551

Ion Ratio Lower Upper

63 100

112 0.2 3.2 4.8#



#42

Toluene

Concen: 0.235 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU056571.D

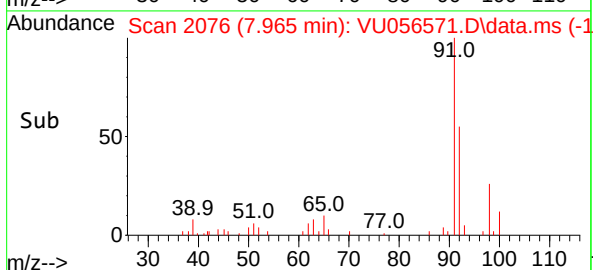
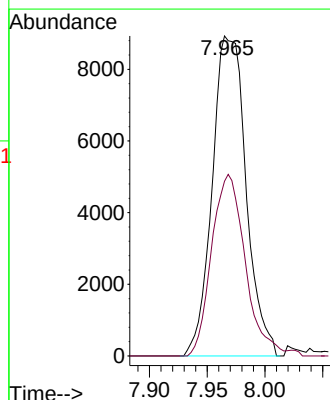
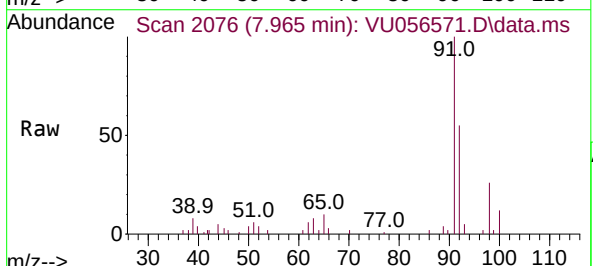
Acq: 22 Nov 2023 00:02

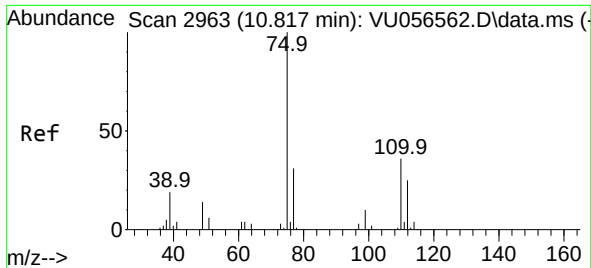
Tgt Ion: 91 Resp: 18199

Ion Ratio Lower Upper

91 100

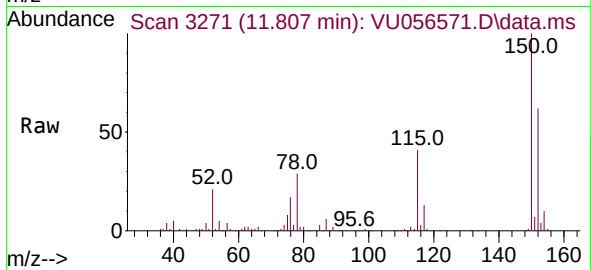
92 54.6 40.6 75.4





#61  
1,2,3-Trichloropropane  
Concen: 1.475 ug/L  
RT: 11.807 min Scan# 31  
Delta R.T. 0.990 min  
Lab File: VU056571.D  
Acq: 22 Nov 2023 00:02

Instrument :  
MSVOA\_U  
ClientSampleId :



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 3.5   | 30.4  | 45.6# |
| 77      | 35.5  | 27.0  | 40.6  |

