

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU101222\  
 Data File : VU051397.D  
 Acq On : 12 Oct 2022 18:33  
 Operator : JC/MD  
 Sample : N5070-14  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 17 Sample Multiplier: 1

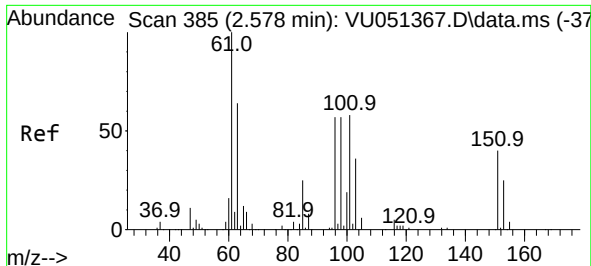
Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Oct 13 19:21:41 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR100722WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Oct 13 01:37:29 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.250  | 114   | 182113   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417  | 117   | 203977   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812 | 152   | 67943    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.594  | 65    | 88731    | 6.040    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 120.800% |
| 7) Chloroethane-d5            | 1.909  | 69    | 64735    | 5.129    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 102.600% |
| 11) 1,1-Dichloroethene-d2     | 2.562  | 65    | 30941    | 5.328    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 106.600% |
| 20) 2-Butanone-d5             | 4.639  | 46    | 150914   | 46.661   | ug/L   | 0.02     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 93.320%  |
| 24) Chloroform-d              | 5.060  | 84    | 128649   | 4.697    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 94.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.703  | 65    | 70709    | 5.006    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 100.200% |
| 32) Benzene-d6                | 5.726  | 84    | 240534   | 4.287    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 85.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.690  | 67    | 85086    | 4.465    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 89.200%  |
| 41) Toluene-d8                | 7.896  | 98    | 171964   | 3.425    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 68.600%# |
| 43) trans-1,3-Dichloroprop... | 8.179  | 79    | 24439    | 3.903    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 78.000%  |
| 46) 2-Hexanone-d5             | 8.636  | 63    | 80699    | 38.243   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 76.480%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.754 | 84    | 65499    | 4.303    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 86.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.192 | 152   | 53222    | 4.507    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 90.200%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.559  | 101   | 1047     | 0.074    | ug/L # | 23       |
| 13) Acetone                   | 2.652  | 43    | 6732     | 2.775    | ug/L   | 96       |
| 35) Methylcyclohexane         | 6.690  | 83    | 19039    | 0.888    | ug/L # | 17       |
| 37) 1,2-Dichloropropane       | 6.690  | 63    | 8834     | 0.473    | ug/L # | 89       |
| 61) 1,2,3-Trichloropropane    | 11.812 | 75    | 8411     | 0.980    | ug/L # | 71       |
| -----                         |        |       |          |          |        |          |

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

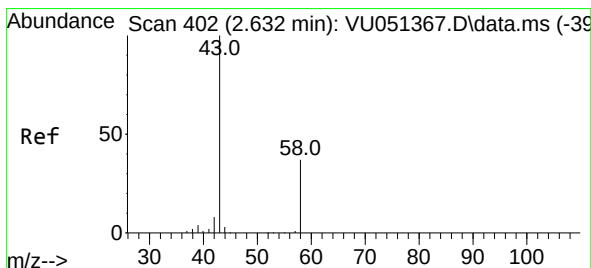
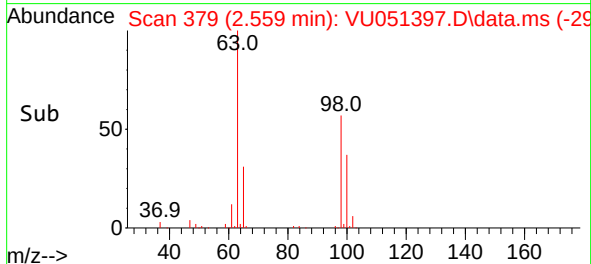
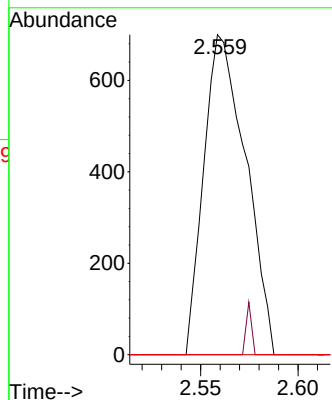
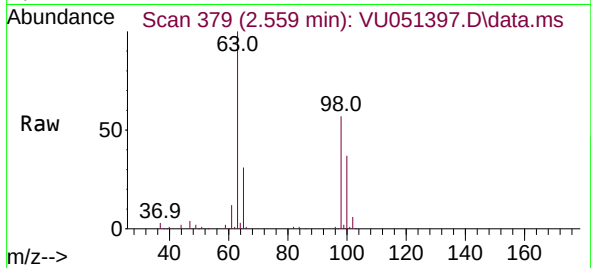




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.074 ug/L  
RT: 2.559 min Scan# 31  
Delta R.T. -0.019 min  
Lab File: VU051397.D  
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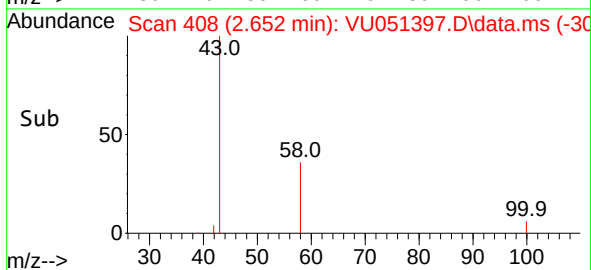
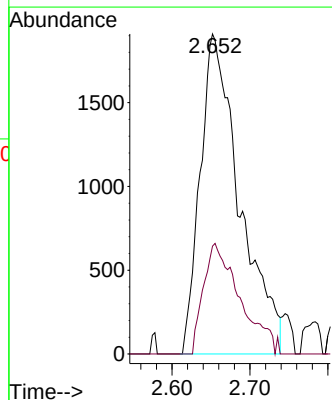
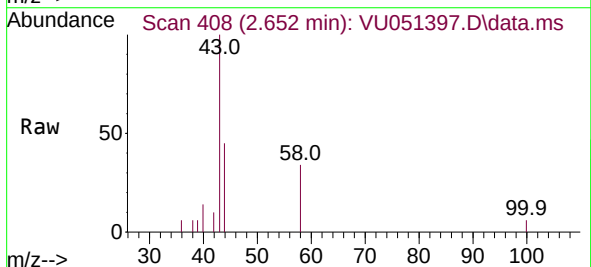
Instrument :  
MSVOA\_U  
ClientSampleId :

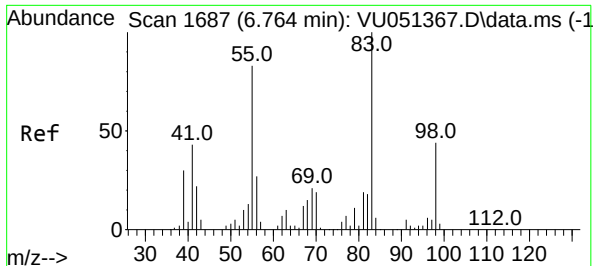
Tgt Ion:101 Resp: 1047  
Ion Ratio Lower Upper  
101 100  
85 2.1 34.6 51.8#  
151 0.0 56.5 84.7#



#13  
Acetone  
Concen: 2.775 ug/L  
RT: 2.652 min Scan# 408  
Delta R.T. 0.026 min  
Lab File: VU051397.D  
Acq: 12 Oct 2022 18:33

Tgt Ion: 43 Resp: 6732  
Ion Ratio Lower Upper  
43 100  
58 32.1 0.0 68.8





#35

Methylcyclohexane

Concen: 0.888 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU051397.D

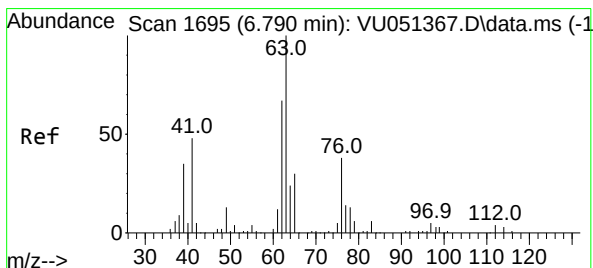
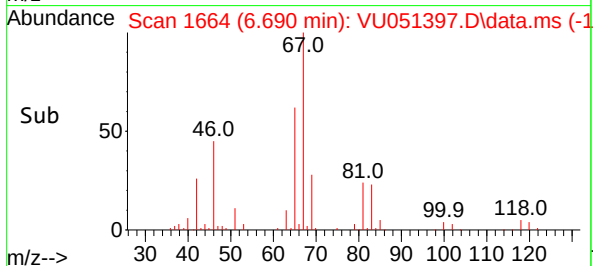
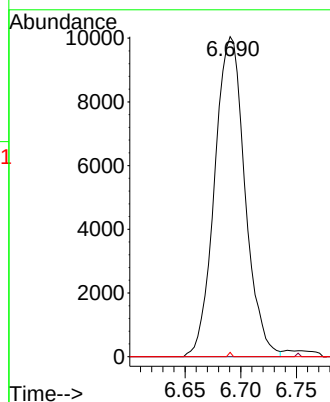
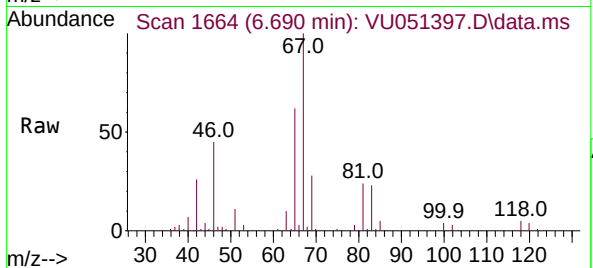
Acq: 12 Oct 2022 18:33

Instrument :

MSVOA\_U

ClientSampleId :

|             |                |
|-------------|----------------|
| Tgt Ion: 83 | Resp: 19039    |
| Ion Ratio   | Lower Upper    |
| 83          | 100            |
| 55          | 0.1 65.8 98.6# |
| 98          | 0.1 35.9 53.9# |



#37

1,2-Dichloropropane

Concen: 0.473 ug/L

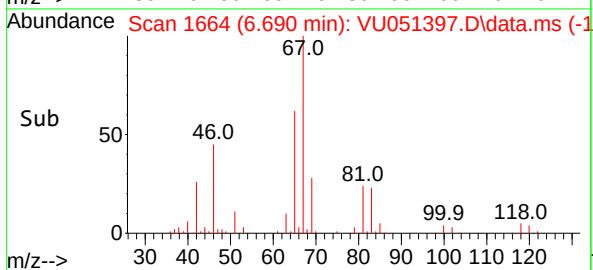
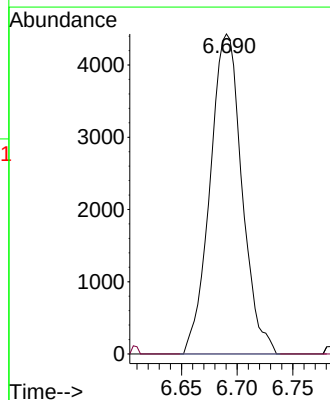
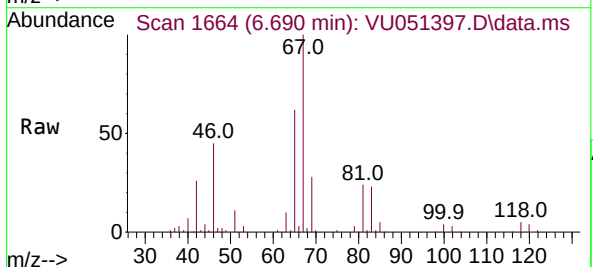
RT: 6.690 min Scan# 1664

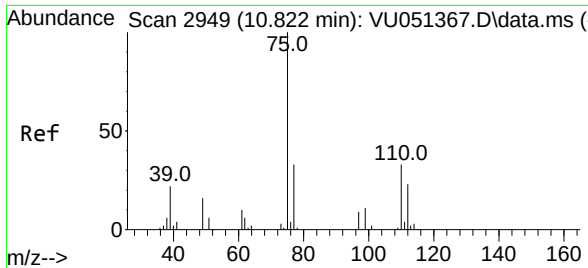
Delta R.T. -0.100 min

Lab File: VU051397.D

Acq: 12 Oct 2022 18:33

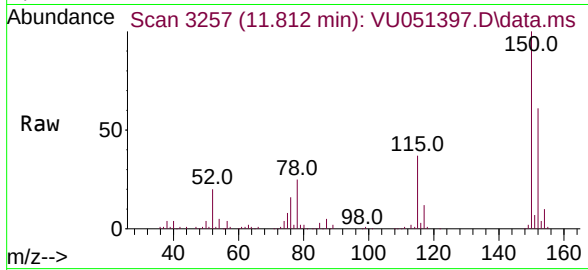
|             |              |
|-------------|--------------|
| Tgt Ion: 63 | Resp: 8834   |
| Ion Ratio   | Lower Upper  |
| 63          | 100          |
| 112         | 0.5 3.2 4.8# |





#61  
 1,2,3-Trichloropropane  
 Concen: 0.980 ug/L  
 RT: 11.812 min Scan# 31  
 Delta R.T. 0.990 min  
 Lab File: VU051397.D  
 Acq: 12 Oct 2022 18:33

Instrument :  
 MSVOA\_U  
 ClientSampleId :



Tgt Ion: 75 Resp: 8411  
 Ion Ratio Lower Upper  
 75 100  
 110 1.9 27.0 40.6#  
 77 34.1 26.4 39.6

