

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU012424\  
 Data File : VU057629.D  
 Acq On : 24 Jan 2024 19:21  
 Operator : MD/SY  
 Sample : P1228-17  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Jan 25 01:56:42 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR012324WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Jan 25 01:52:13 2024  
 Response via : Initial Calibration

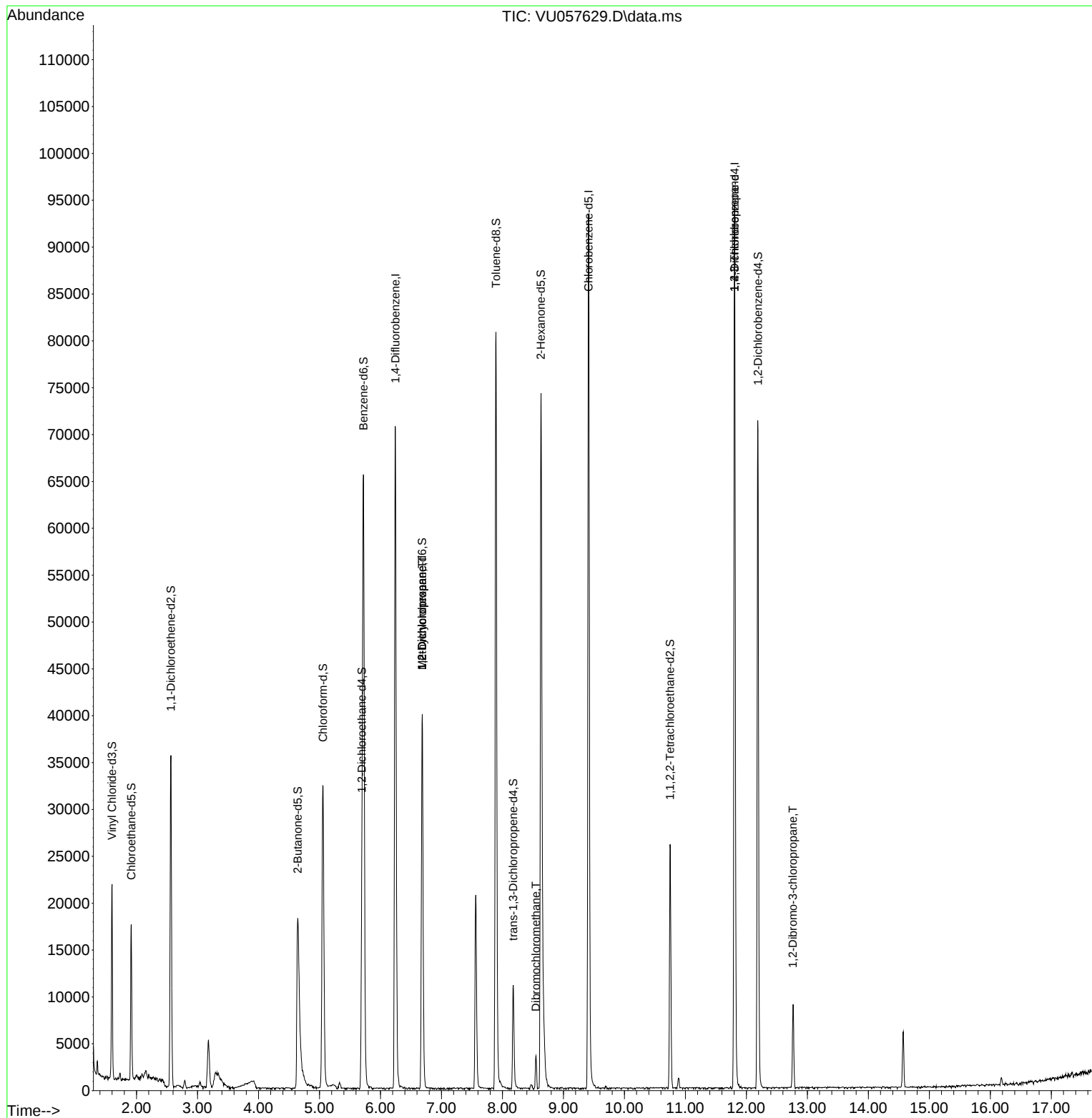
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114   | 58983    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 53429    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 25288    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.599  | 65    | 14231    | 4.379    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 87.600%  |
| 7) Chloroethane-d5            | 1.914  | 69    | 12188    | 4.476    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 89.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    | 6918     | 4.527    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 90.600%  |
| 20) 2-Butanone-d5             | 4.644  | 46    | 34698    | 56.597   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 113.200% |
| 24) Chloroform-d              | 5.058  | 84    | 30553    | 4.632    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 92.600%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 15345    | 5.119    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 102.400% |
| 32) Benzene-d6                | 5.721  | 84    | 62066    | 4.952    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 99.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67    | 19170    | 5.071    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 101.400% |
| 41) Toluene-d8                | 7.894  | 98    | 56264    | 4.729    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 94.600%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 7220     | 4.792    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 95.800%  |
| 46) 2-Hexanone-d5             | 8.631  | 63    | 26067    | 54.229   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 108.460% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84    | 12760    | 5.036    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 100.800% |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 18612    | 5.245    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 104.800% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 35) Methylcyclohexane         | 6.685  | 83    | 4306     | 0.528    | ug/L # | 18       |
| 37) 1,2-Dichloropropane       | 6.685  | 63    | 2161     | 0.471    | ug/L # | 89       |
| 49) Dibromochloromethane      | 8.550  | 129   | 657      | 0.170    | ug/L # | 10       |
| 61) 1,2,3-Trichloropropane    | 11.804 | 75    | 3174     | 1.251    | ug/L # | 65       |
| 68) 1,2-Dibromo-3-chloropr... | 12.762 | 75    | 265      | 0.555    | ug/L # | 5        |
| -----                         |        |       |          |          |        |          |

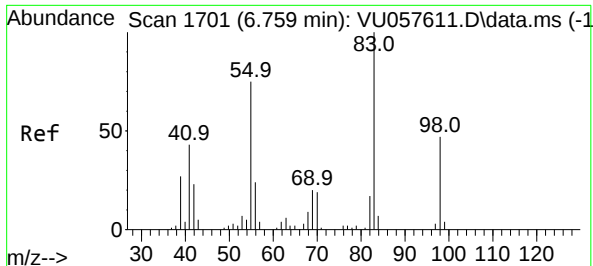
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 0.528 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU057629.D

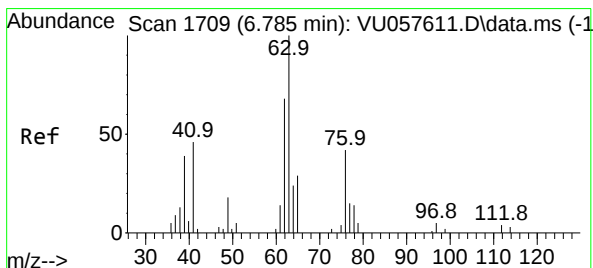
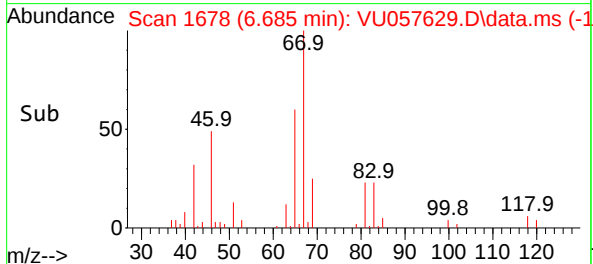
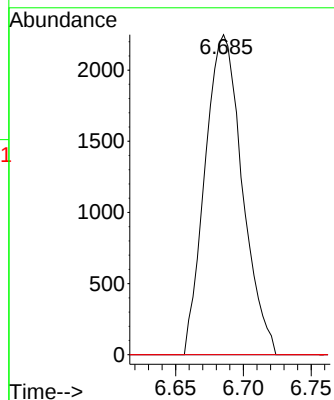
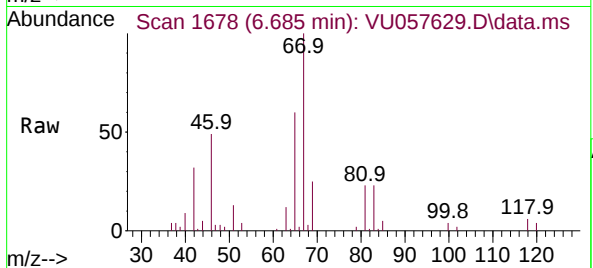
Acq: 24 Jan 2024 19:21

Instrument :

MSVOA\_U

ClientSampleId :

|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 4306  |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 55 0.0      | 61.4 92.0#  |
| 98 0.0      | 38.2 57.4#  |



#37

1,2-Dichloropropane

Concen: 0.471 ug/L

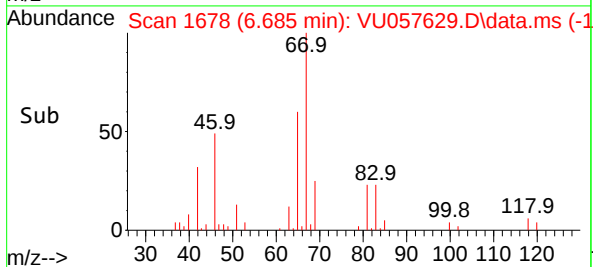
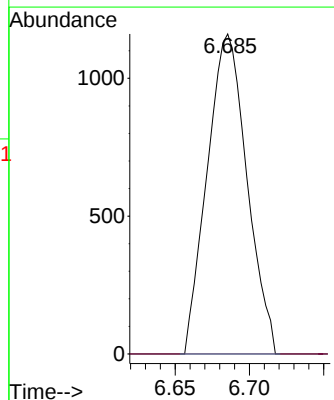
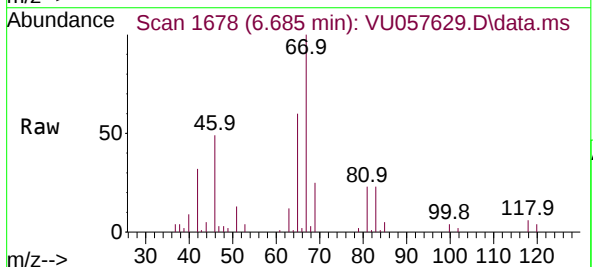
RT: 6.685 min Scan# 1678

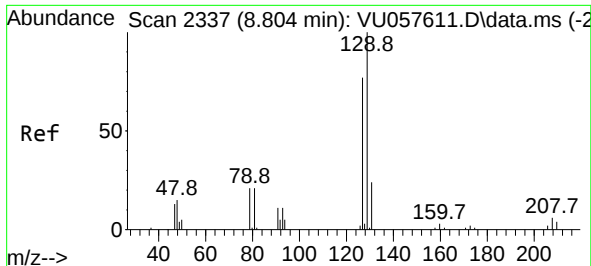
Delta R.T. -0.100 min

Lab File: VU057629.D

Acq: 24 Jan 2024 19:21

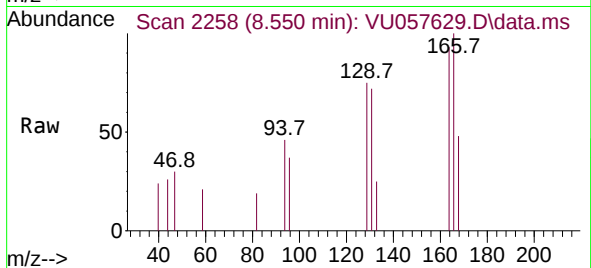
|             |             |
|-------------|-------------|
| Tgt Ion: 63 | Resp: 2161  |
| Ion Ratio   | Lower Upper |
| 63 100      |             |
| 112 0.0     | 3.0 4.4#    |



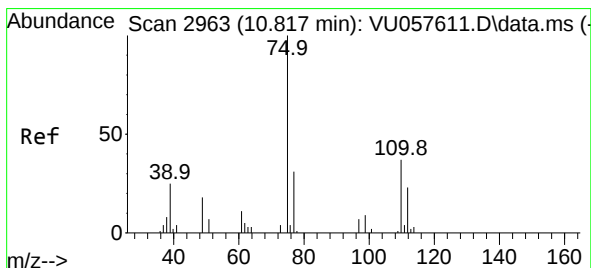
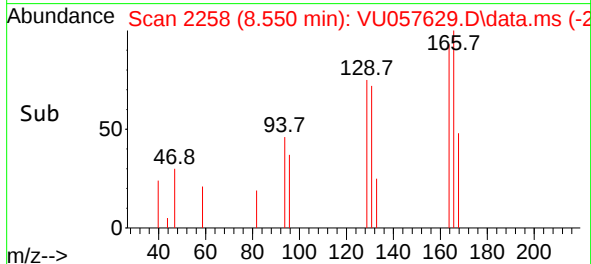
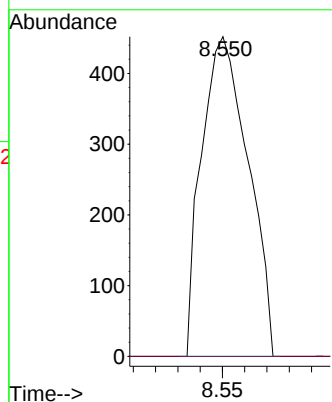


#49  
Dibromochloromethane  
Concen: 0.170 ug/L  
RT: 8.550 min Scan# 21  
Delta R.T. -0.254 min  
Lab File: VU057629.D  
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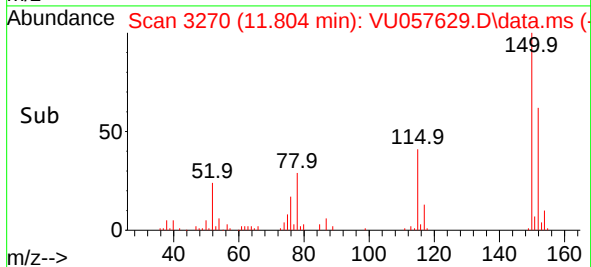
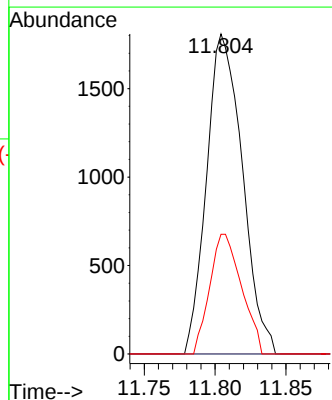
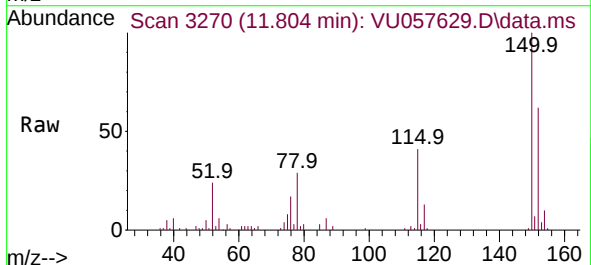


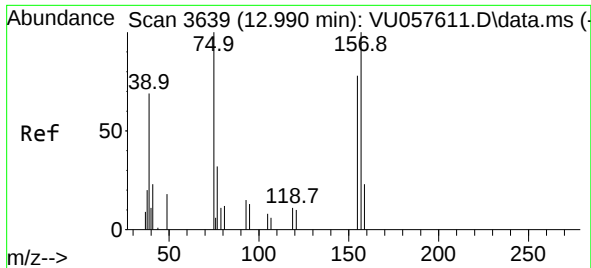
Tgt Ion:129 Resp: 657  
Ion Ratio Lower Upper  
129 100  
127 0.0 54.5 101.1#



#61  
1,2,3-Trichloropropane  
Concen: 1.251 ug/L  
RT: 11.804 min Scan# 3270  
Delta R.T. 0.987 min  
Lab File: VU057629.D  
Acq: 24 Jan 2024 19:21

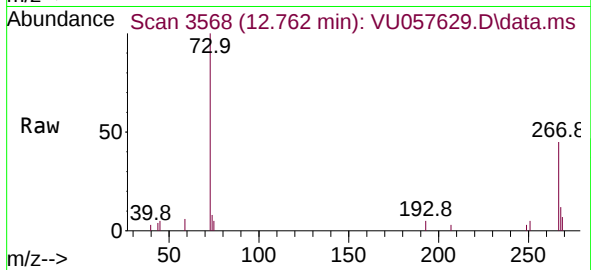
Tgt Ion: 75 Resp: 3174  
Ion Ratio Lower Upper  
75 100  
110 0.0 30.1 45.1#  
77 33.2 25.5 38.3





#68  
 1,2-Dibromo-3-chloropropane  
 Concen: 0.555 ug/L  
 RT: 12.762 min Scan# 31  
 Delta R.T. -0.228 min  
 Lab File: VU057629.D  
 Acq: 24 Jan 2024 19:21

Instrument :  
 MSVOA\_U  
 ClientSampleId :



Tgt Ion: 75 Resp: 265  
 Ion Ratio Lower Upper  
 75 100  
 155 0.0 62.8 94.2#  
 157 0.0 78.9 118.3#

