

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU062524\  
 Data File : VU059502.D  
 Acq On : 26 Jun 2024 04:07  
 Operator : MD/SY  
 Sample : P3006-11  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 49 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Jun 26 06:20:55 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR061724WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Jun 26 05:55:36 2024  
 Response via : Initial Calibration

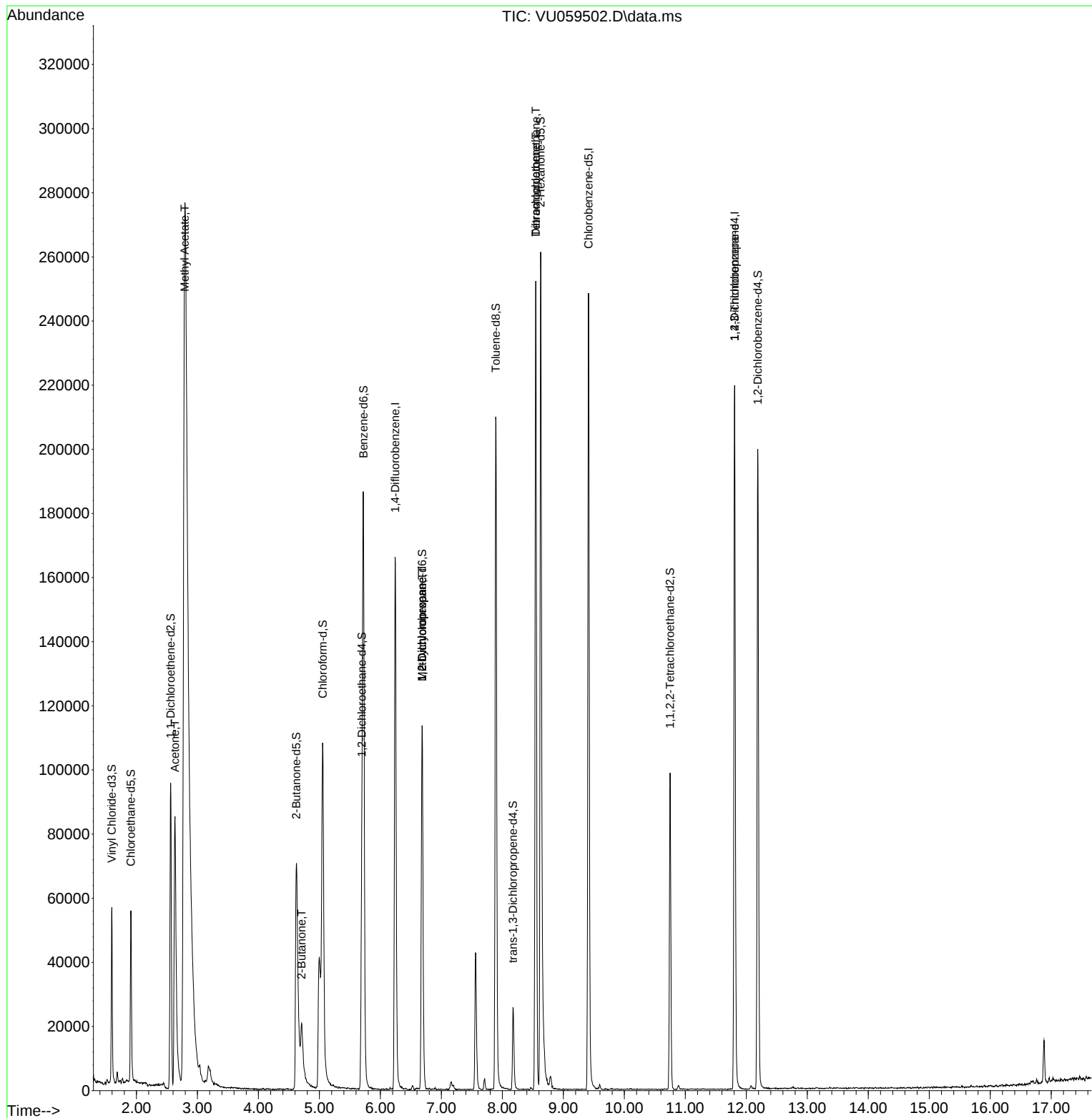
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 142965   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 148930   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 64903    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 40225    | 4.046    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 81.000%  |
| 7) Chloroethane-d5            | 1.907  | 69    | 41668    | 4.356    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 87.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 17745    | 4.303    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 86.000%  |
| 20) 2-Butanone-d5             | 4.621  | 46    | 109193   | 53.324   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 106.640% |
| 24) Chloroform-d              | 5.052  | 84    | 91488    | 4.484    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 89.600%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 47202    | 4.802    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 96.000%  |
| 32) Benzene-d6                | 5.721  | 84    | 188801   | 4.606    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 92.200%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 58305    | 4.642    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 92.800%  |
| 41) Toluene-d8                | 7.891  | 98    | 153720   | 4.034    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 80.600%  |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79    | 16100    | 4.094    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 81.800%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 85841    | 52.531   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 105.060% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750 | 84    | 51275    | 4.941    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 98.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 58022    | 5.023    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 100.400% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 2.631  | 43    | 129658   | 97.610   | ug/L   | 95       |
| 15) Methyl Acetate            | 2.792  | 43    | 211902   | 60.451   | ug/L # | 51       |
| 21) 2-Butanone                | 4.708  | 43    | 29404    | 13.801   | ug/L   | 96       |
| 35) Methylcyclohexane         | 6.682  | 83    | 13593    | 0.780    | ug/L # | 18       |
| 37) 1,2-Dichloropropane       | 6.682  | 63    | 6151     | 0.526    | ug/L # | 92       |
| 47) Tetrachloroethene         | 8.547  | 164   | 58209    | 6.125    | ug/L   | 97       |
| 49) Dibromochloromethane      | 8.547  | 129   | 55274    | 5.785    | ug/L # | 12       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75    | 7174     | 1.196    | ug/L # | 71       |
| -----                         |        |       |          |          |        |          |

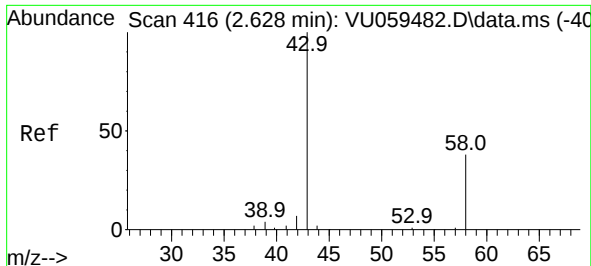
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 26 05:55:36 2024  
Response via : Initial Calibration





#13

Acetone

Concen: 97.610 ug/L

RT: 2.631 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU059502.D

Acq: 26 Jun 2024 04:07

Instrument :

MSVOA\_U

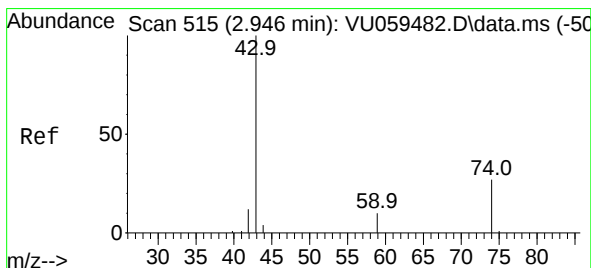
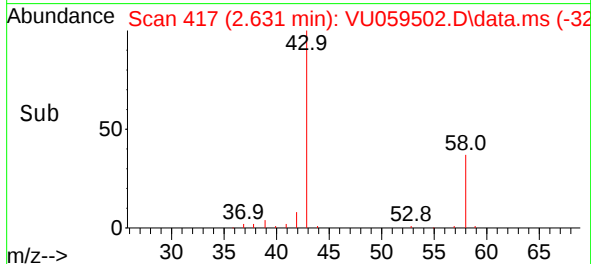
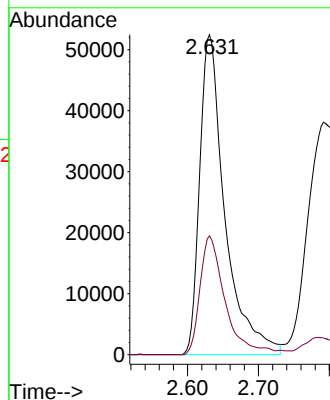
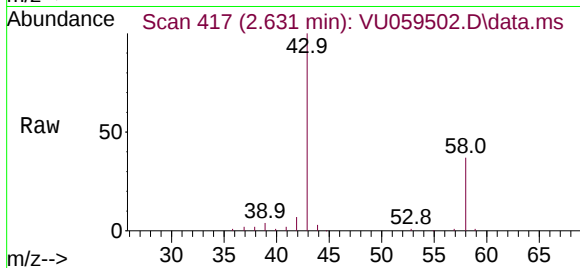
ClientSampleId :

Tgt Ion: 43 Resp: 129658

Ion Ratio Lower Upper

43 100

58 36.7 0.0 68.0



#15

Methyl Acetate

Concen: 60.451 ug/L

RT: 2.792 min Scan# 467

Delta R.T. -0.154 min

Lab File: VU059502.D

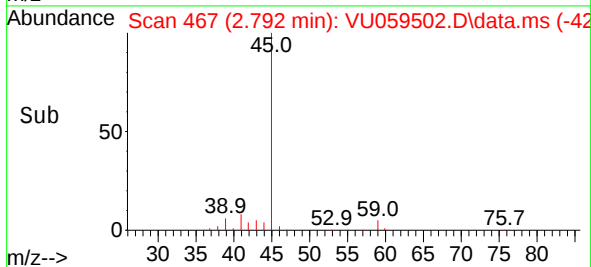
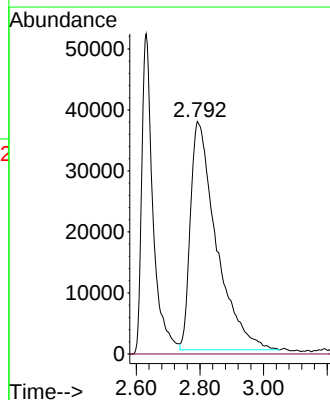
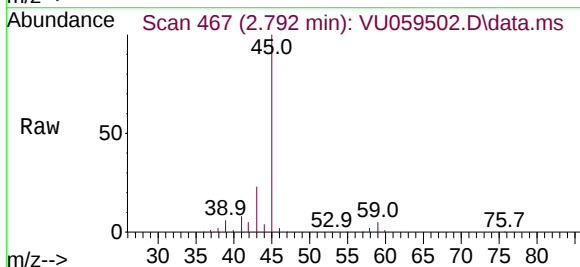
Acq: 26 Jun 2024 04:07

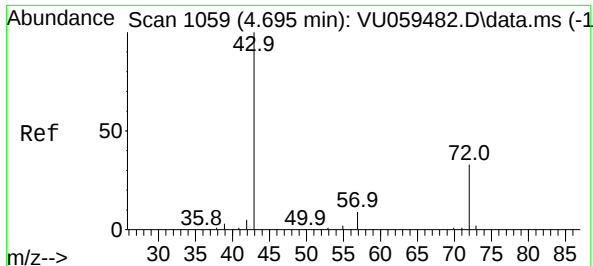
Tgt Ion: 43 Resp: 211902

Ion Ratio Lower Upper

43 100

74 0.0 19.2 28.8#

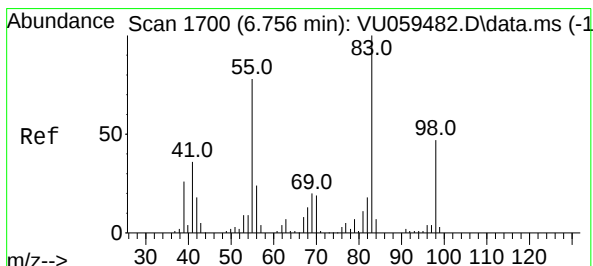
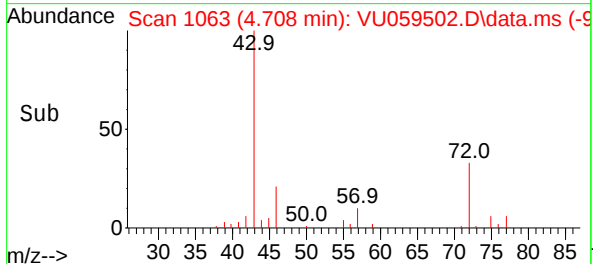
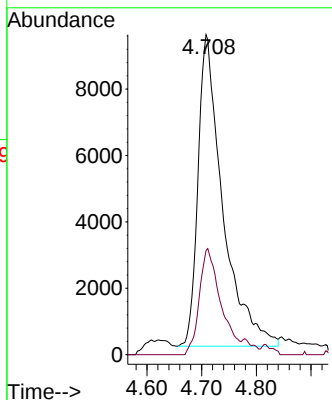
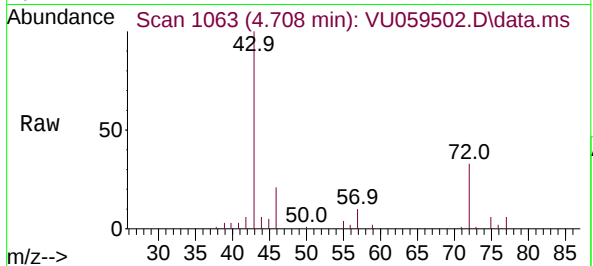




#21  
2-Butanone  
Concen: 13.801 ug/L  
RT: 4.708 min Scan# 1063  
Delta R.T. 0.013 min  
Lab File: VU059502.D  
Acq: 26 Jun 2024 04:07

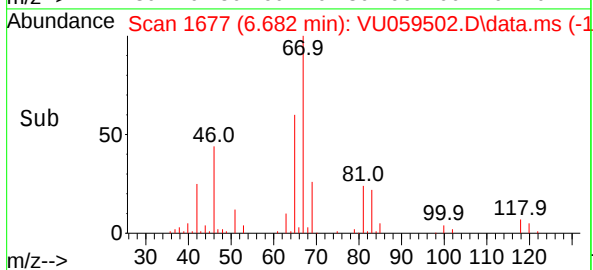
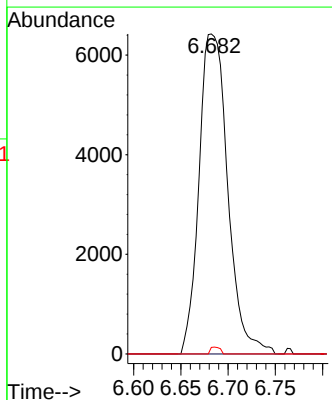
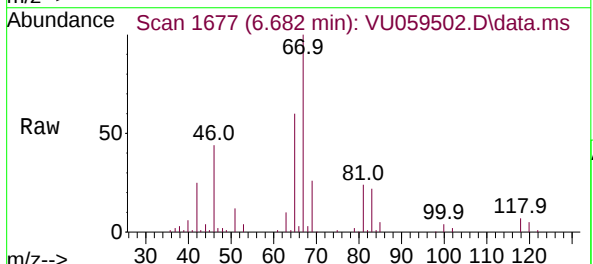
Instrument :  
MSVOA\_U  
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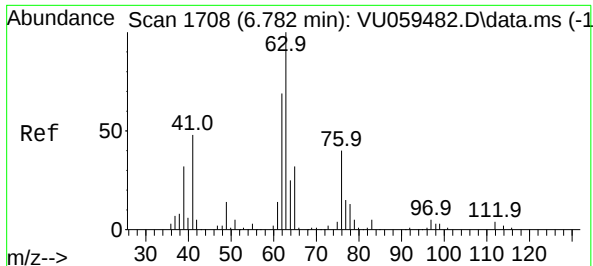
Tgt Ion: 43 Resp: 29404  
Ion Ratio Lower Upper  
43 100  
72 29.6 13.8 41.4



#35  
Methylcyclohexane  
Concen: 0.780 ug/L  
RT: 6.682 min Scan# 1677  
Delta R.T. -0.074 min  
Lab File: VU059502.D  
Acq: 26 Jun 2024 04:07

Tgt Ion: 83 Resp: 13593  
Ion Ratio Lower Upper  
83 100  
55 0.0 62.7 94.1#  
98 0.7 35.4 53.0#

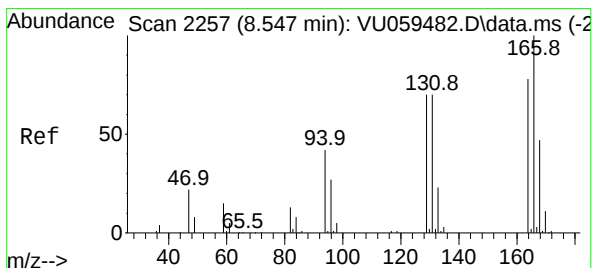
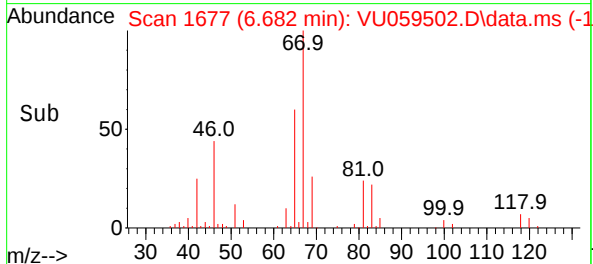
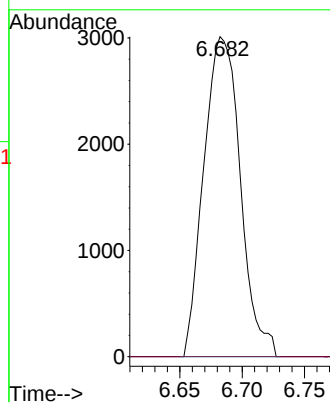
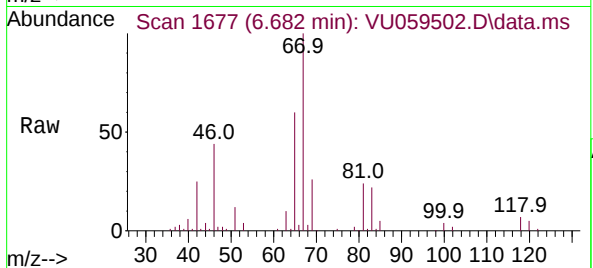




#37  
1,2-Dichloropropane  
Concen: 0.526 ug/L  
RT: 6.682 min Scan# 1  
Delta R.T. -0.100 min  
Lab File: VU059502.D  
Acq: 26 Jun 2024 04:07

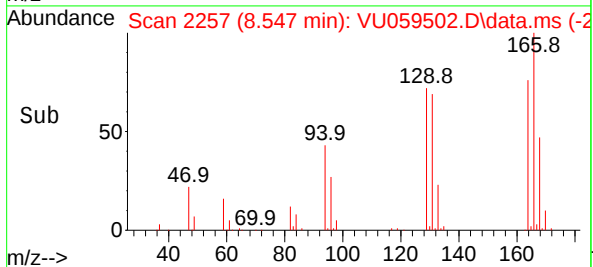
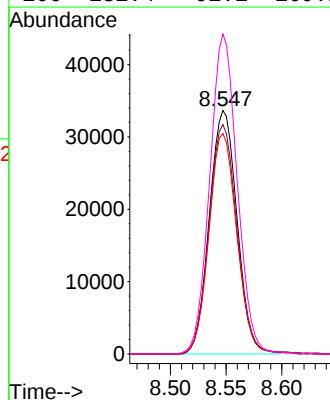
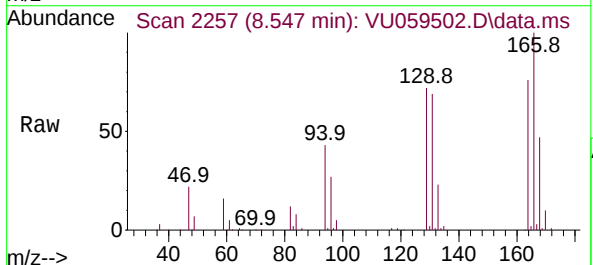
Instrument :  
MSVOA\_U  
ClientSampleId :

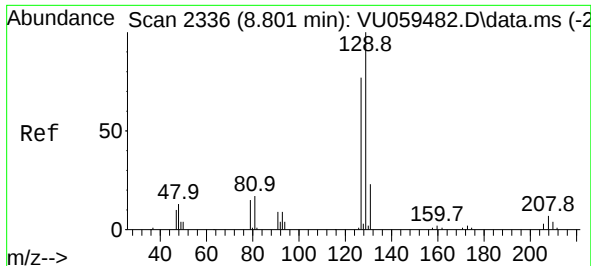
Tgt Ion: 63 Resp: 6151  
Ion Ratio Lower Upper  
63 100  
112 0.7 2.6 3.8#



#47  
Tetrachloroethene  
Concen: 6.125 ug/L  
RT: 8.547 min Scan# 2257  
Delta R.T. 0.000 min  
Lab File: VU059502.D  
Acq: 26 Jun 2024 04:07

Tgt Ion:164 Resp: 58209  
Ion Ratio Lower Upper  
164 100  
129 94.2 70.8 131.4  
131 90.6 64.8 120.3  
166 131.4 91.1 169.1





#49

Dibromochloromethane

Concen: 5.785 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU059502.D

Acq: 26 Jun 2024 04:07

Instrument :

MSVOA\_U

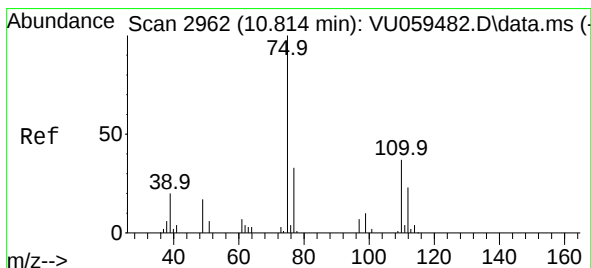
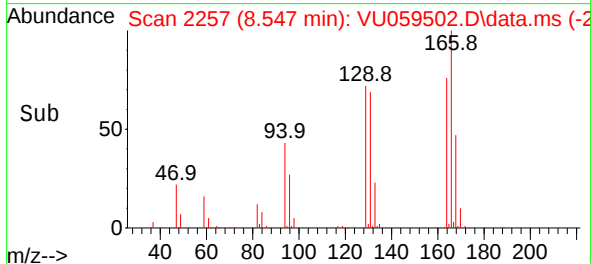
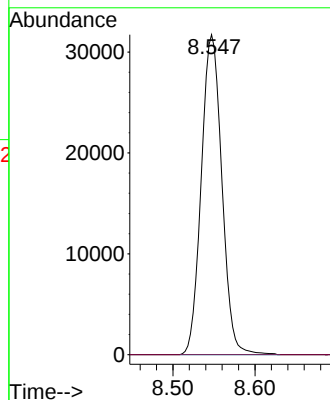
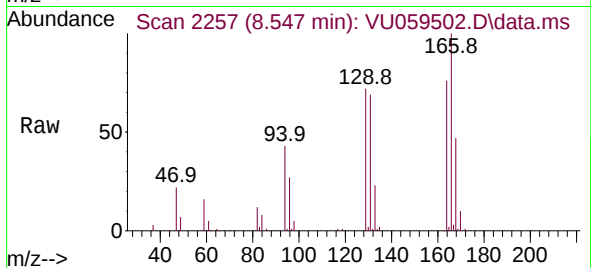
ClientSampleId :

Tgt Ion:129 Resp: 55274

Ion Ratio Lower Upper

129 100

127 0.0 52.5 97.5#



#61

1,2,3-Trichloropropane

Concen: 1.196 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.994 min

Lab File: VU059502.D

Acq: 26 Jun 2024 04:07

Tgt Ion: 75 Resp: 7174

Ion Ratio Lower Upper

75 100

110 1.9 27.1 40.7#

77 32.3 25.4 38.2

