

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU062524\  
 Data File : VU059473.D  
 Acq On : 25 Jun 2024 15:54  
 Operator : MD/SY  
 Sample : P2961-16  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Jun 26 04:30:30 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR061724WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Jun 26 04:26:20 2024  
 Response via : Initial Calibration

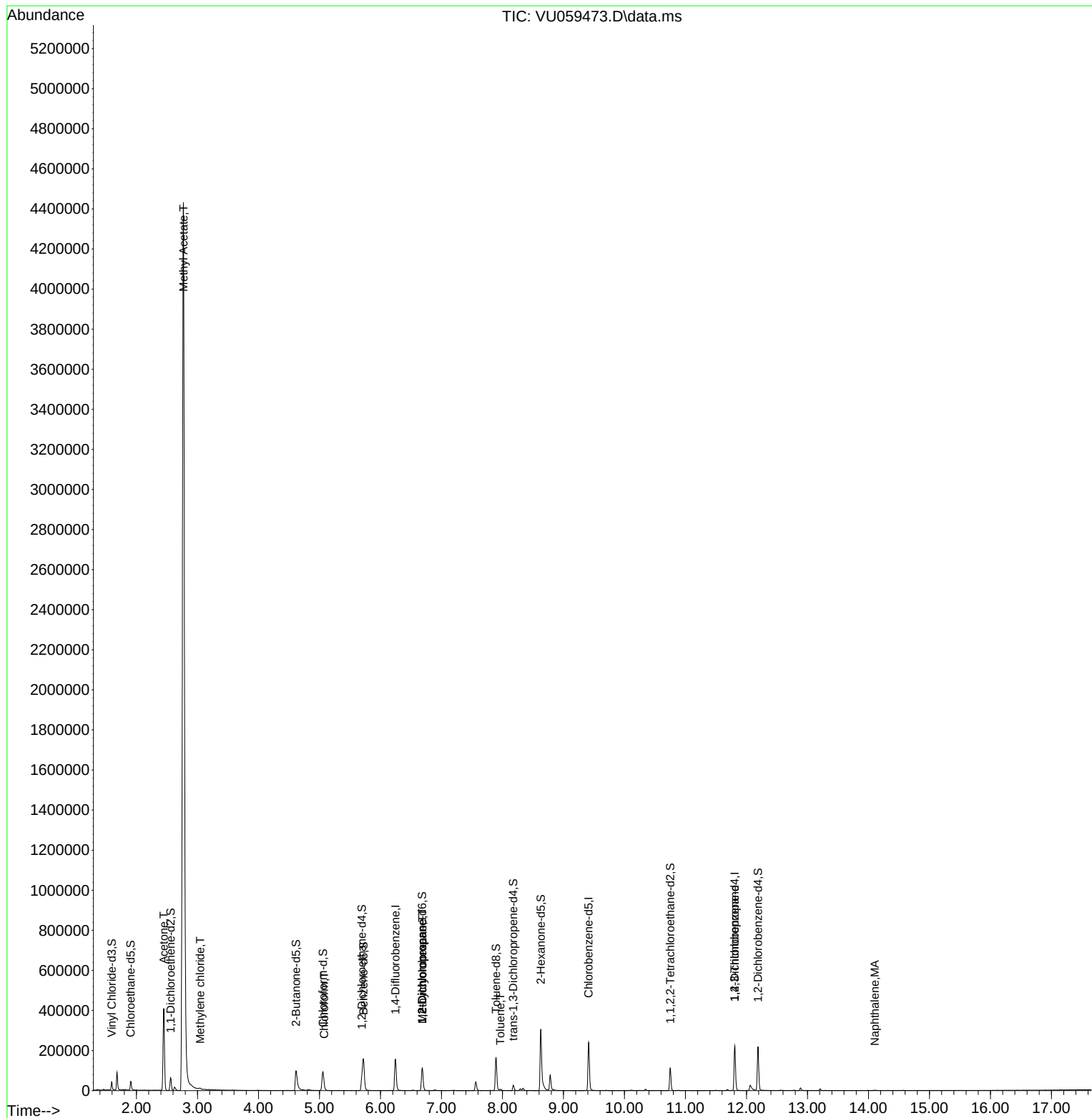
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 6.245  | 114   | 136111   | 5.000    | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 143413   | 5.000    | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 63502    | 5.000    | ug/L   | 0.00      |
|                               |        |       |          |          |        |           |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 1.592  | 65    | 30702    | 3.244    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 64.800%   |
| 7) Chloroethane-d5            | 1.904  | 69    | 36096    | 3.964    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 79.200%   |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 11825    | 3.012    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 60.200%   |
| 20) 2-Butanone-d5             | 4.615  | 46    | 142934   | 73.316   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 146.640%# |
| 24) Chloroform-d              | 5.055  | 84    | 91045    | 4.687    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 93.800%   |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 47662    | 5.093    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 101.800%  |
| 32) Benzene-d6                | 5.721  | 84    | 153765   | 3.896    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 78.000%   |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 57001    | 4.713    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 94.200%   |
| 41) Toluene-d8                | 7.894  | 98    | 116265   | 3.169    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 63.400%#  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 17141    | 4.526    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 90.600%   |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 102301   | 65.012   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 130.020%# |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750 | 84    | 59372    | 5.941    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 118.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 60421    | 5.346    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 107.000%  |
|                               |        |       |          |          |        |           |
| Target Compounds              |        |       |          |          | Qvalue |           |
| 13) Acetone                   | 2.448  | 43    | 249251   | 197.092  | ug/L   | 46        |
| 15) Methyl Acetate            | 2.769  | 43    | 1361345  | 407.920  | ug/L # | 51        |
| 16) Methylene chloride        | 3.043  | 84    | 2396     | 0.209    | ug/L   | 99        |
| 25) Chloroform                | 5.078  | 83    | 4234     | 0.217    | ug/L   | 98        |
| 35) Methylcyclohexane         | 6.685  | 83    | 13168    | 0.785    | ug/L # | 19        |
| 37) 1,2-Dichloropropane       | 6.685  | 63    | 5952     | 0.528    | ug/L # | 90        |
| 42) Toluene                   | 7.965  | 91    | 5175     | 0.112    | ug/L   | 87        |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75    | 7219     | 1.230    | ug/L # | 71        |
| 71) Naphthalene               | 14.103 | 128   | 2134     | 0.132    | ug/L # | 86        |
| -----                         |        |       |          |          |        |           |

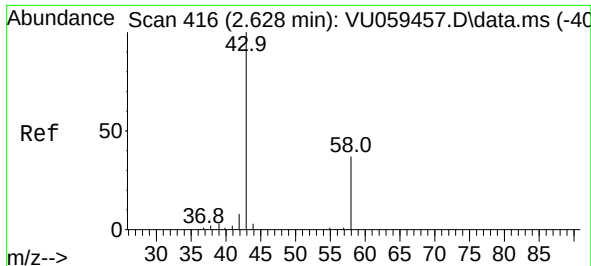
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :

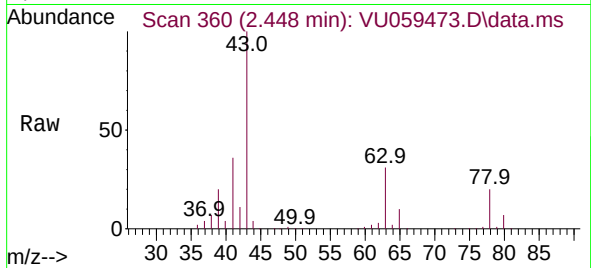
Quant Time: Jun 26 04:30:30 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR061724WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Jun 26 04:26:20 2024  
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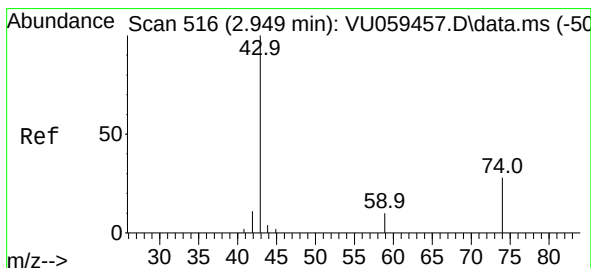
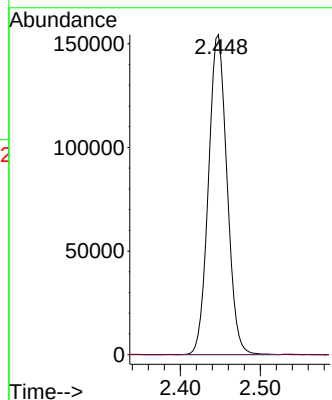
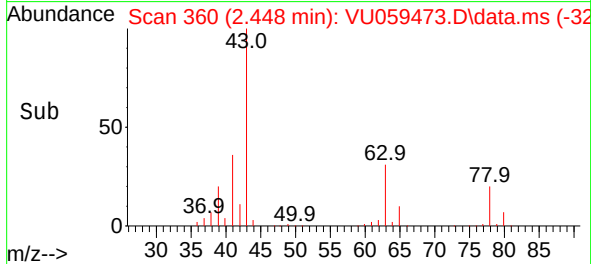


#13  
Acetone  
Concen: 197.092 ug/L  
RT: 2.448 min Scan# 30  
Delta R.T. -0.180 min  
Lab File: VU059473.D  
Acq: 25 Jun 2024 15:54

Instrument :  
MSVOA\_U  
ClientSampleId :

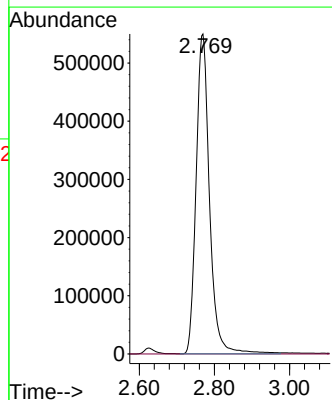
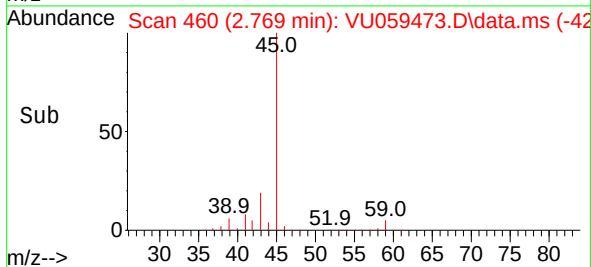
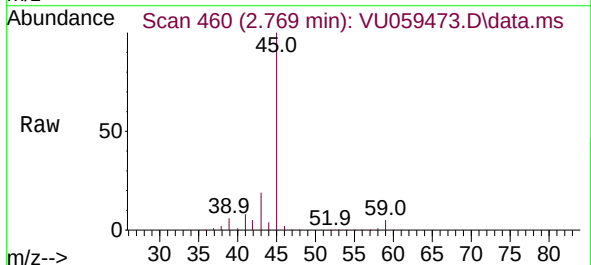


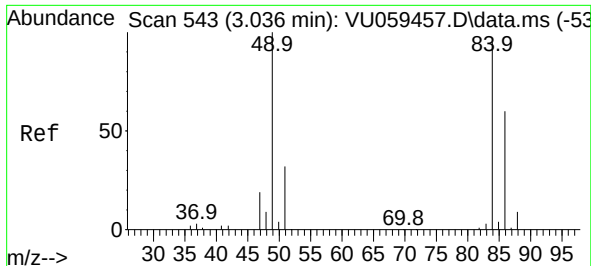
Tgt Ion: 43 Resp: 249251  
Ion Ratio Lower Upper  
43 100  
58 3.1 0.0 68.0



#15  
Methyl Acetate  
Concen: 407.920 ug/L  
RT: 2.769 min Scan# 460  
Delta R.T. -0.180 min  
Lab File: VU059473.D  
Acq: 25 Jun 2024 15:54

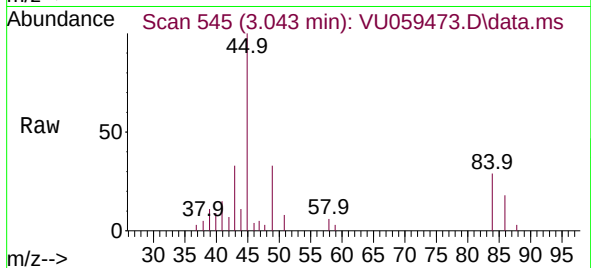
Tgt Ion: 43 Resp: 1361345  
Ion Ratio Lower Upper  
43 100  
74 0.0 19.2 28.8#





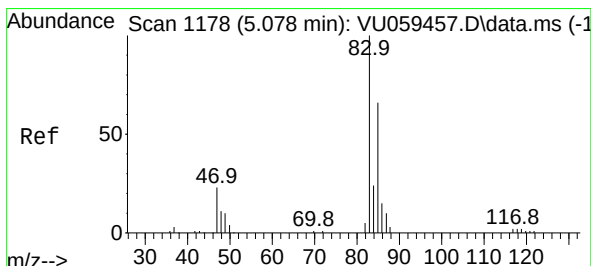
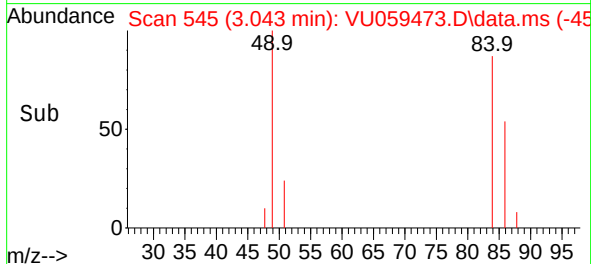
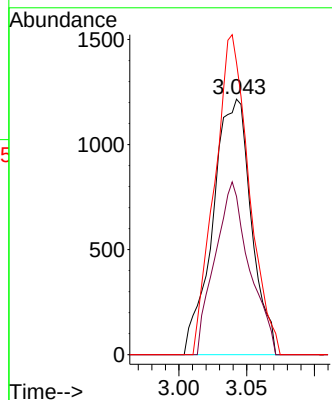
#16  
Methylene chloride  
Concen: 0.209 ug/L  
RT: 3.043 min Scan# 543  
Delta R.T. 0.007 min  
Lab File: VU059473.D  
Acq: 25 Jun 2024 15:54

Instrument :  
MSVOA\_U  
ClientSampleId :



Tgt Ion: 84 Resp: 2396

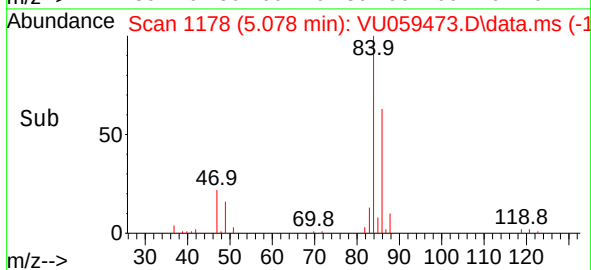
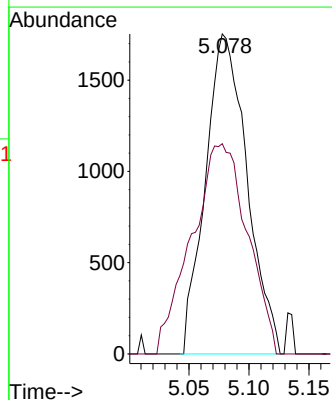
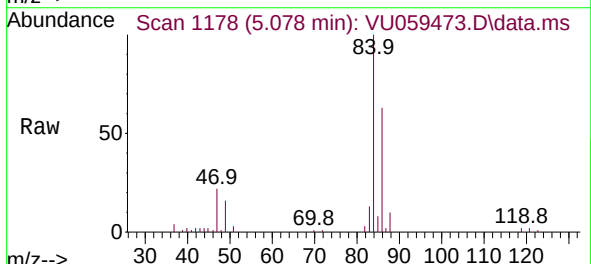
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 86  | 61.9  | 42.1  | 78.1  |
| 49  | 114.3 | 80.6  | 149.8 |

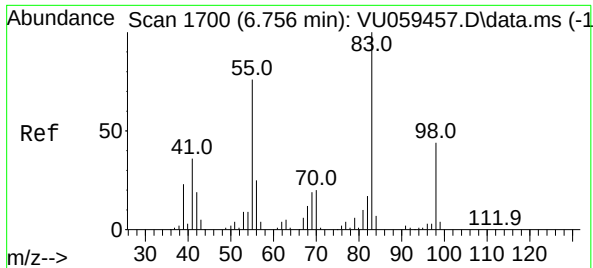


#25  
Chloroform  
Concen: 0.217 ug/L  
RT: 5.078 min Scan# 1178  
Delta R.T. 0.000 min  
Lab File: VU059473.D  
Acq: 25 Jun 2024 15:54

Tgt Ion: 83 Resp: 4234

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 65.7  | 44.7  | 83.1  |





#35

Methylcyclohexane

Concen: 0.785 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU059473.D

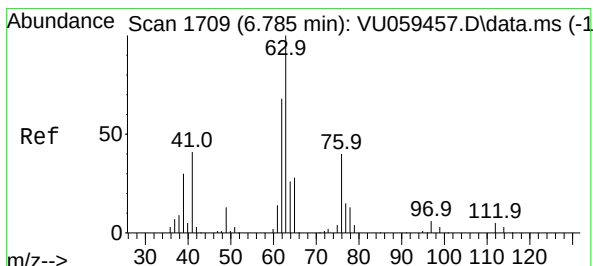
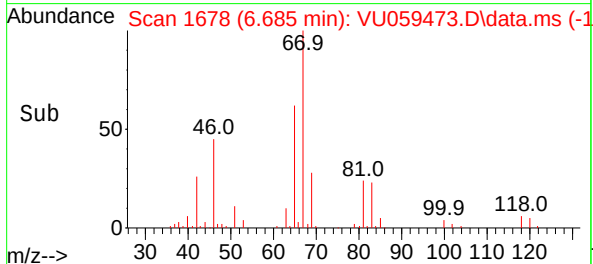
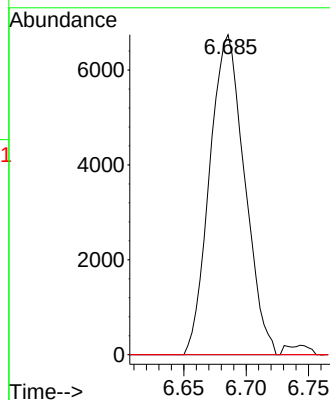
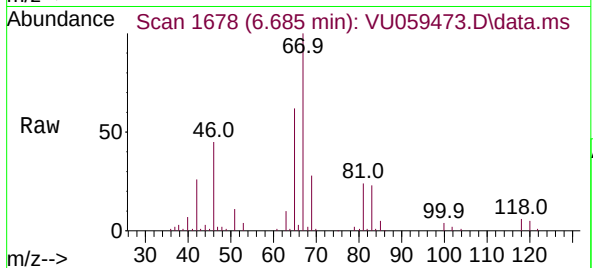
Acq: 25 Jun 2024 15:54

Instrument :

MSVOA\_U

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 83    | Resp: | 13168 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 55        | 0.0   | 62.7  | 94.1# |
| 98        | 1.9   | 35.4  | 53.0# |



#37

1,2-Dichloropropane

Concen: 0.528 ug/L

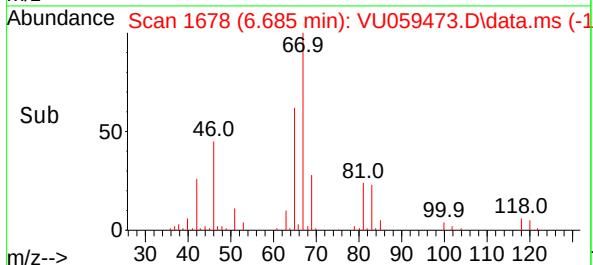
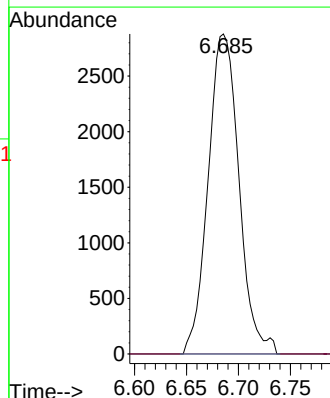
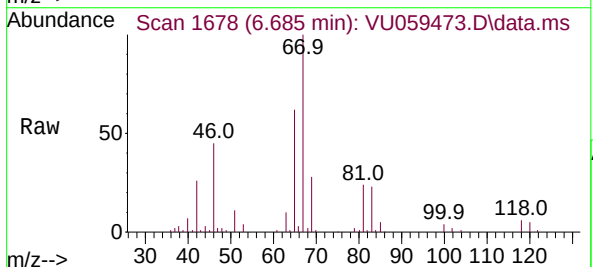
RT: 6.685 min Scan# 1678

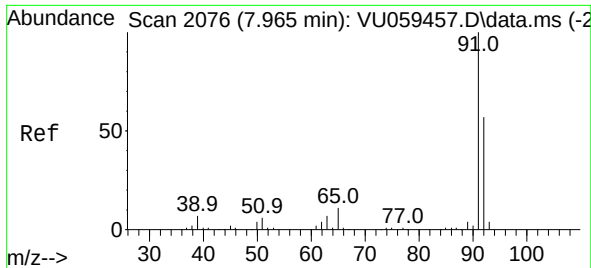
Delta R.T. -0.099 min

Lab File: VU059473.D

Acq: 25 Jun 2024 15:54

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 63    | Resp: | 5952 |
| Ion Ratio | Lower | Upper |      |
| 63        | 100   |       |      |
| 112       | 0.0   | 2.6   | 3.8# |





#42

Toluene

Concen: 0.112 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU059473.D

Acq: 25 Jun 2024 15:54

Instrument :

MSVOA\_U

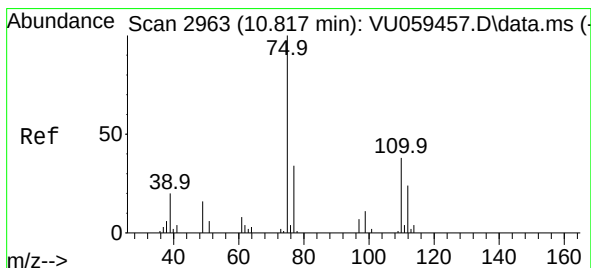
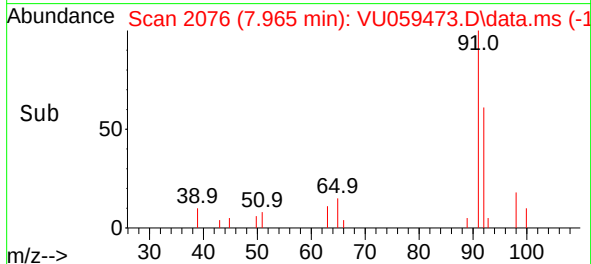
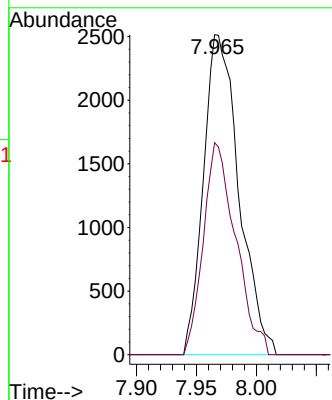
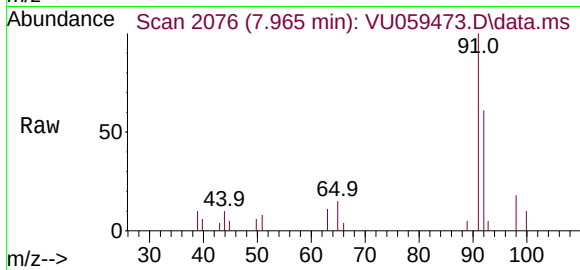
ClientSampleId :

Tgt Ion: 91 Resp: 5175

Ion Ratio Lower Upper

91 100

92 66.2 39.7 73.7



#61

1,2,3-Trichloropropane

Concen: 1.230 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.991 min

Lab File: VU059473.D

Acq: 25 Jun 2024 15:54

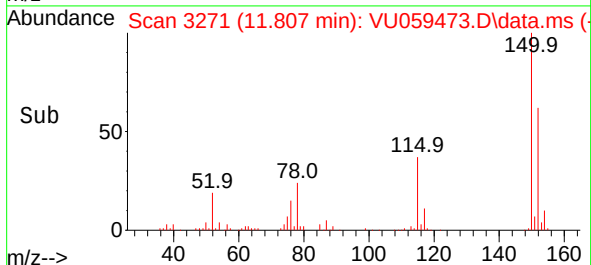
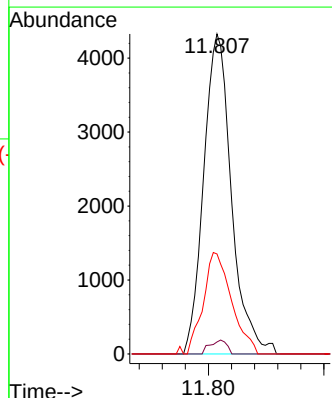
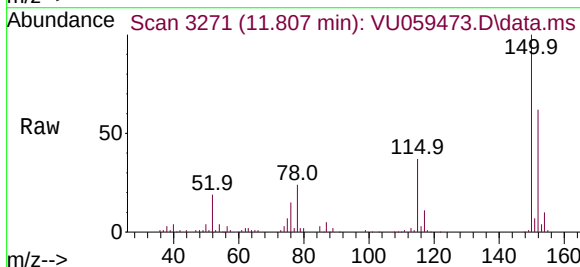
Tgt Ion: 75 Resp: 7219

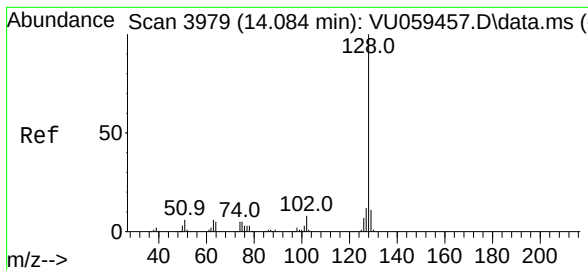
Ion Ratio Lower Upper

75 100

110 2.6 27.1 40.7#

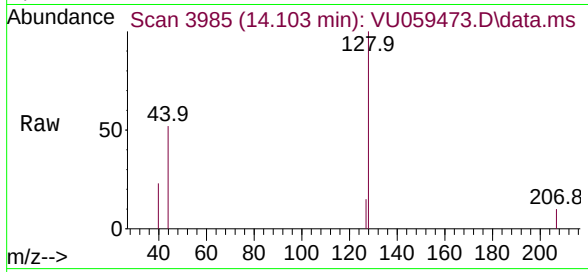
77 32.2 25.4 38.2





#71  
Naphthalene  
Concen: 0.132 ug/L  
RT: 14.103 min Scan# 3979  
Delta R.T. 0.019 min  
Lab File: VU059473.D  
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Instrument :  
MSVOA\_U  
ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 2134  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 4.0   | 8.2   | 12.4# |
| 127      | 7.9   | 10.2  | 15.4# |

