

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU091924\  
 Data File : VU060918.D  
 Acq On : 20 Sep 2024 01:48  
 Operator : MD/SY  
 Sample : P3987-09  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BH8P9

Quant Time: Sep 20 05:56:37 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR091624WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Sep 20 01:34:14 2024  
 Response via : Initial Calibration

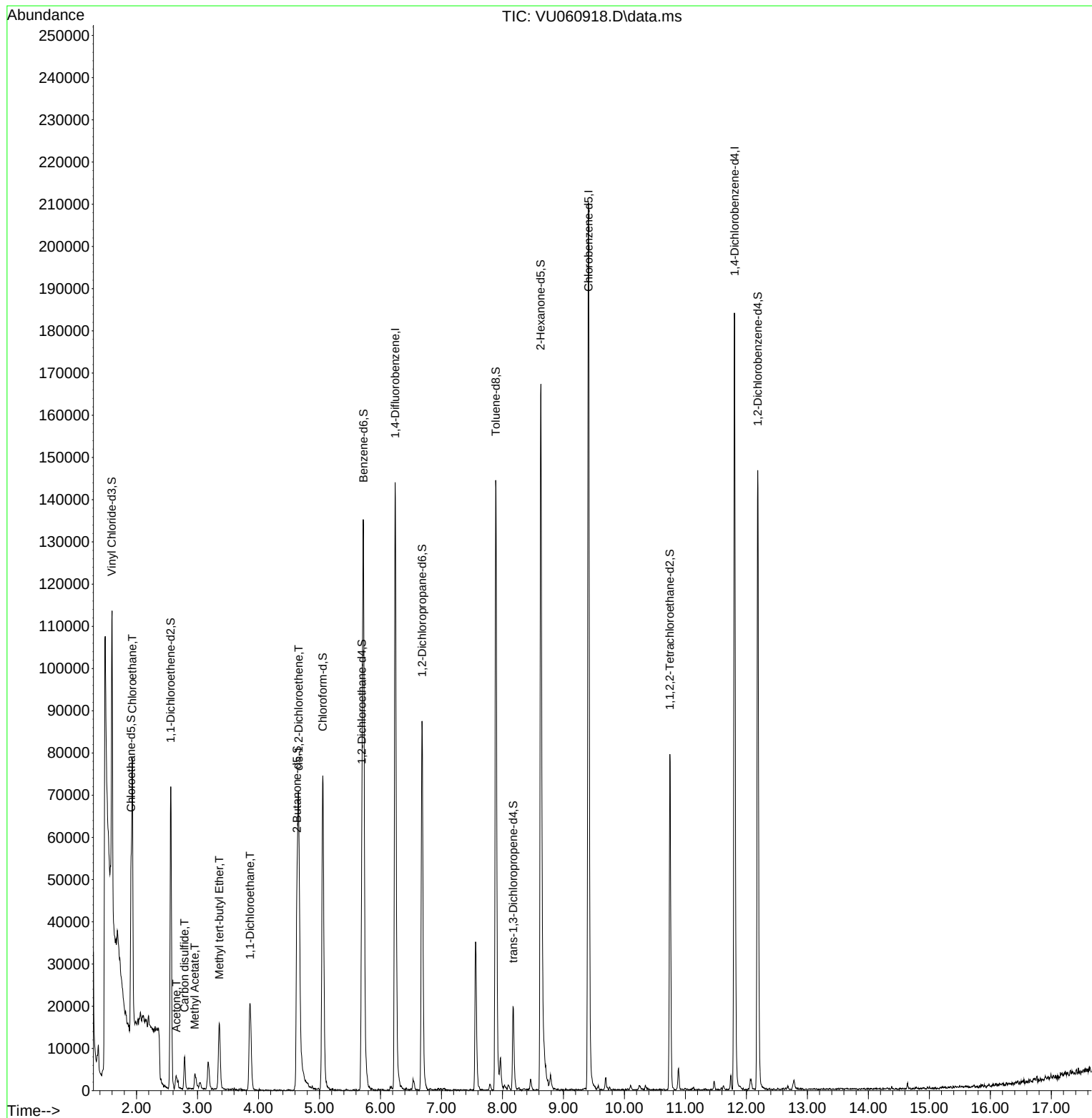
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 128339   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 134306   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 56135    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 32589    | 2.823    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 56.400%  |
| 7) Chloroethane-d5            | 1.911  | 69    | 29282    | 3.563    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 71.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 13308    | 3.253    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 65.000%  |
| 20) 2-Butanone-d5             | 4.631  | 46    | 65330    | 35.254   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 70.500%  |
| 24) Chloroform-d              | 5.055  | 84    | 74871    | 4.243    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 84.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 39016    | 4.626    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 92.600%  |
| 32) Benzene-d6                | 5.721  | 84    | 133288   | 3.703    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 74.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 44875    | 4.029    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 80.600%  |
| 41) Toluene-d8                | 7.891  | 98    | 108549   | 3.307    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 66.200%# |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 14095    | 3.516    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 70.400%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 63086    | 39.891   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 79.780%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84    | 39563    | 4.534    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 90.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 42723    | 4.529    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 90.600%  |
| Target Compounds              |        |       |          |          |        |          |
| 8) Chloroethane               | 1.930  | 64    | 41605    | 6.148    | ug/L   | 94       |
| 13) Acetone                   | 2.653  | 43    | 5415     | 4.380    | ug/L   | 75       |
| 14) Carbon disulfide          | 2.788  | 76    | 9596     | 0.428    | ug/L # | 94       |
| 15) Methyl Acetate            | 2.956  | 43    | 5410     | 1.795    | ug/L # | 77       |
| 17) Methyl tert-butyl Ether   | 3.358  | 73    | 15560    | 0.853    | ug/L   | 97       |
| 19) 1,1-Dichloroethane        | 3.862  | 63    | 27299    | 1.625    | ug/L   | 90       |
| 22) cis-1,2-Dichloroethene    | 4.660  | 96    | 28530    | 3.082    | ug/L   | 93       |

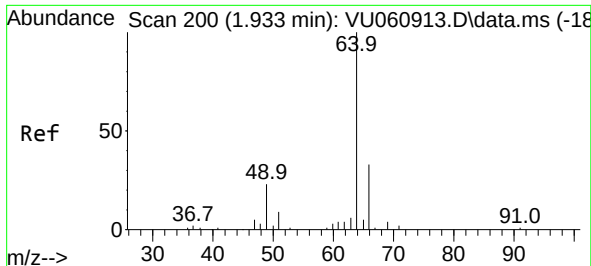
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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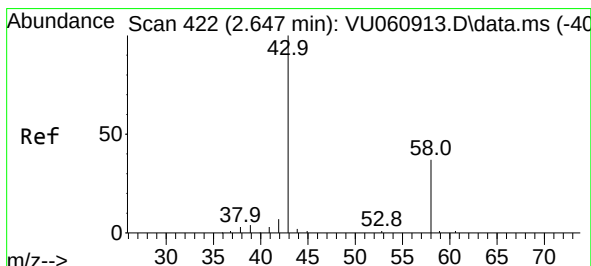
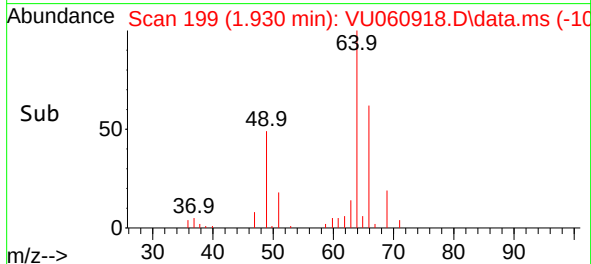
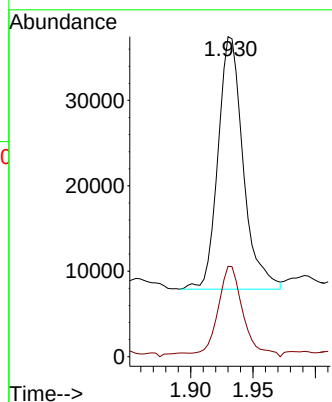
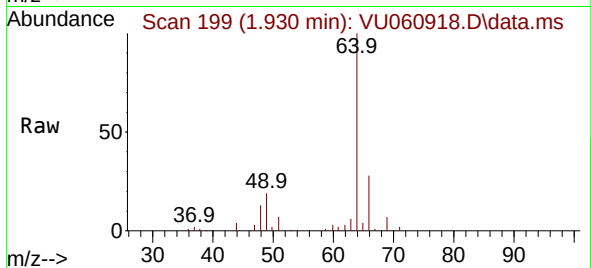




#8  
Chloroethane  
Concen: 6.148 ug/L  
RT: 1.930 min Scan# 199  
Delta R.T. -0.003 min  
Lab File: VU060918.D  
Acq: 20 Sep 2024 01:48

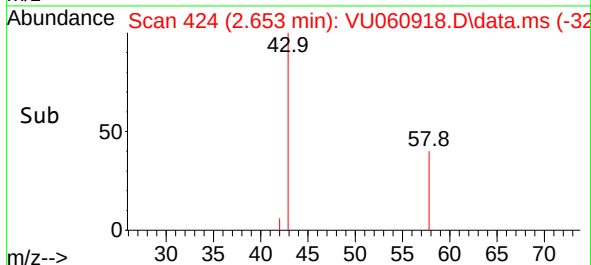
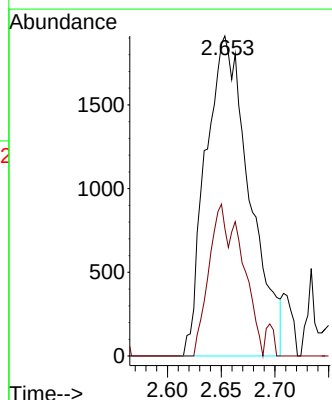
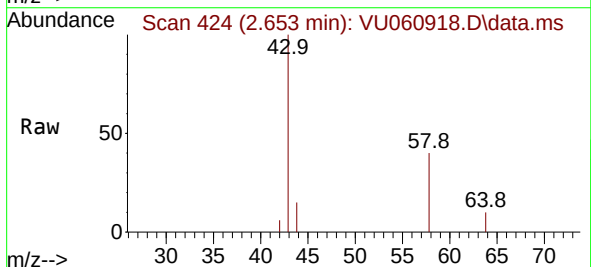
Instrument :  
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ClientSampleId :  
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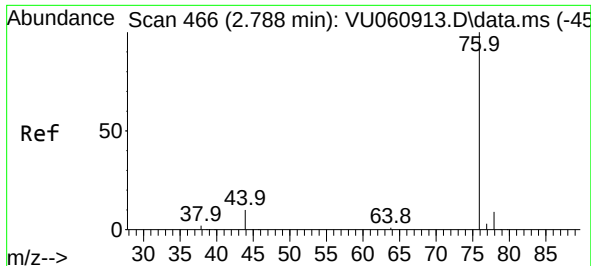
Tgt Ion: 64 Resp: 41605  
Ion Ratio Lower Upper  
64 100  
66 28.3 22.3 41.3



#13  
Acetone  
Concen: 4.380 ug/L  
RT: 2.653 min Scan# 424  
Delta R.T. 0.006 min  
Lab File: VU060918.D  
Acq: 20 Sep 2024 01:48

Tgt Ion: 43 Resp: 5415  
Ion Ratio Lower Upper  
43 100  
58 20.3 0.0 69.6

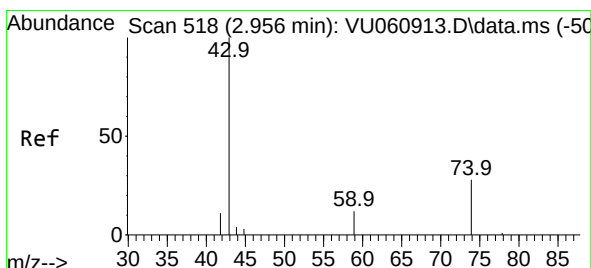
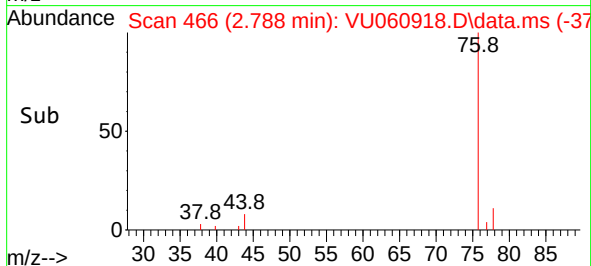
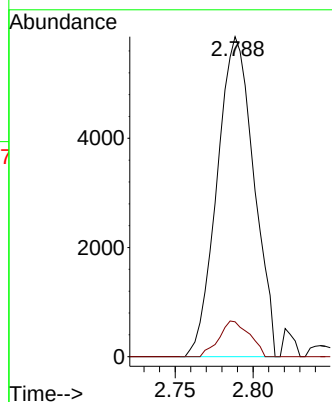
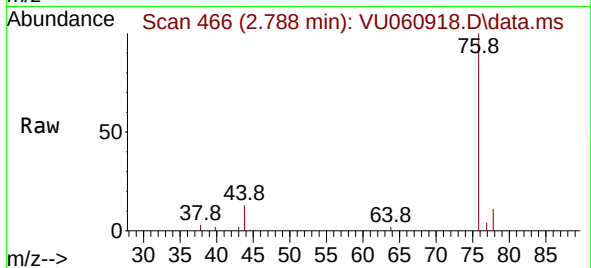




#14  
Carbon disulfide  
Concen: 0.428 ug/L  
RT: 2.788 min Scan# 466  
Delta R.T. -0.000 min  
Lab File: VU060918.D  
Acq: 20 Sep 2024 01:48

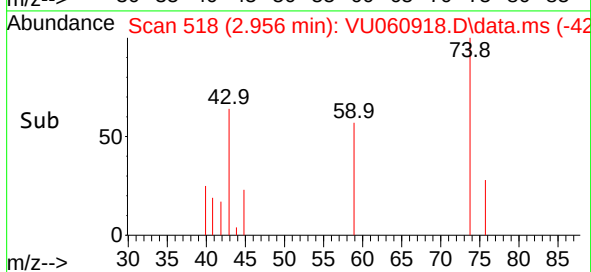
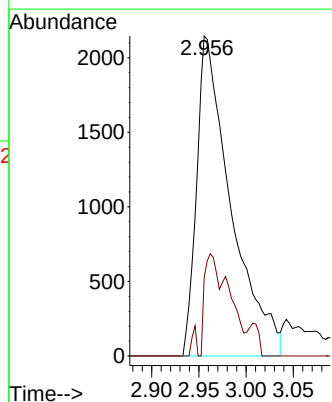
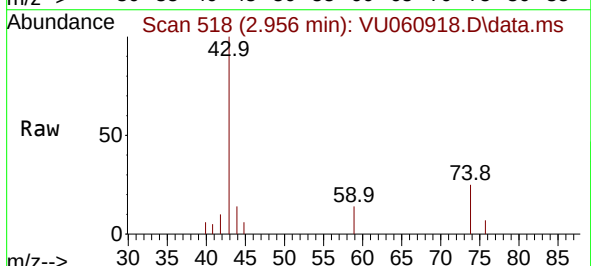
Instrument :  
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ClientSampleId :  
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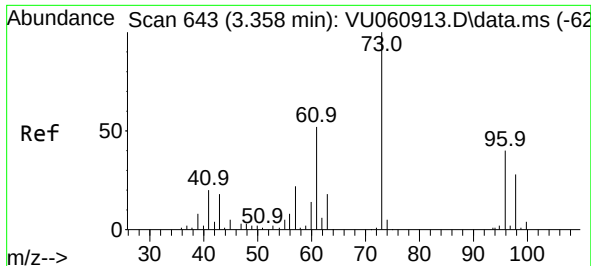
Tgt Ion: 76 Resp: 9596  
Ion Ratio Lower Upper  
76 100  
78 10.9 7.1 10.7#



#15  
Methyl Acetate  
Concen: 1.795 ug/L  
RT: 2.956 min Scan# 518  
Delta R.T. -0.000 min  
Lab File: VU060918.D  
Acq: 20 Sep 2024 01:48

Tgt Ion: 43 Resp: 5410  
Ion Ratio Lower Upper  
43 100  
74 12.5 18.9 28.3#

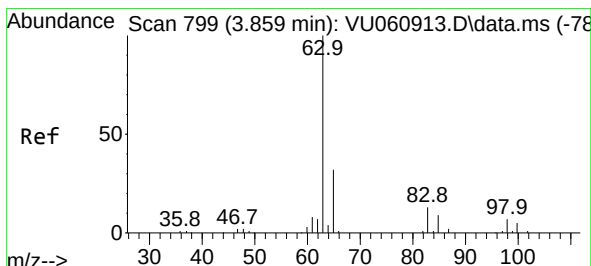
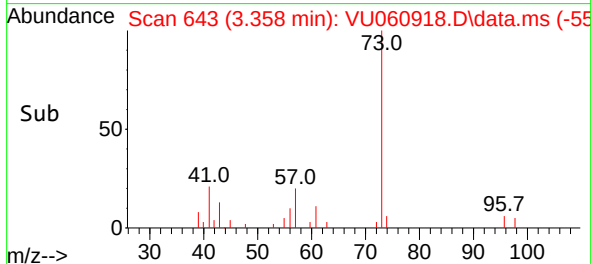
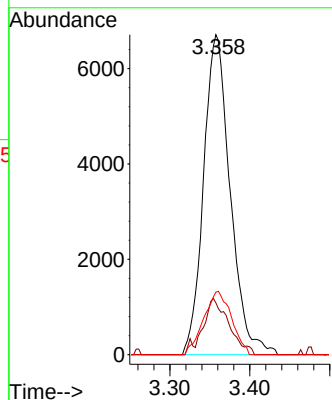
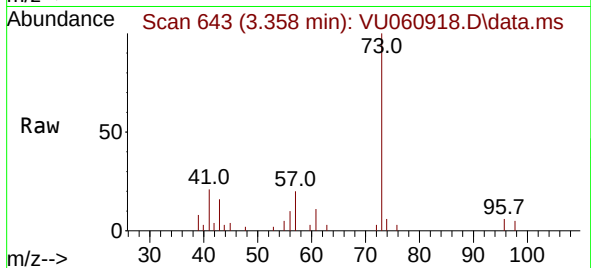




#17  
Methyl tert-butyl Ether  
Concen: 0.853 ug/L  
RT: 3.358 min Scan# 64  
Delta R.T. -0.000 min  
Lab File: VU060918.D  
Acq: 20 Sep 2024 01:48

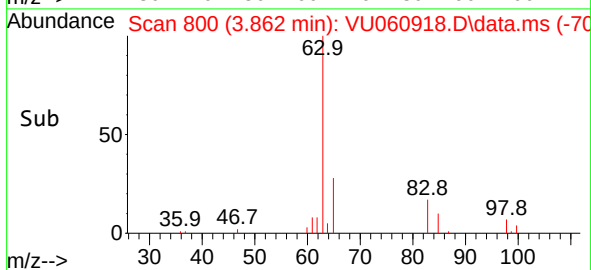
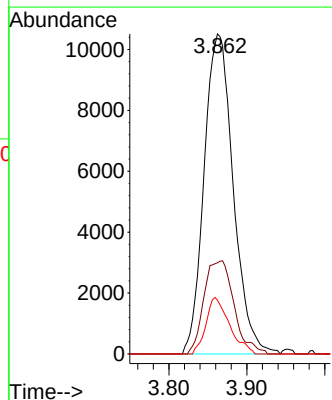
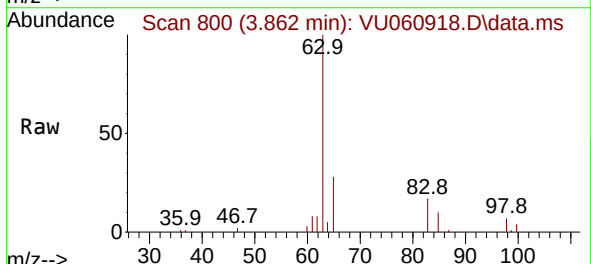
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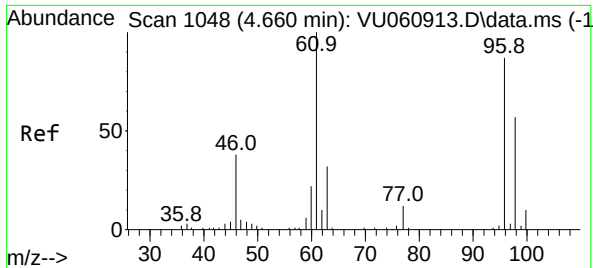
|             |             |
|-------------|-------------|
| Tgt Ion: 73 | Resp: 15560 |
| Ion Ratio   | Lower Upper |
| 73 100      |             |
| 43 16.2     | 13.8 20.8   |
| 57 20.6     | 18.0 27.0   |



#19  
1,1-Dichloroethane  
Concen: 1.625 ug/L  
RT: 3.862 min Scan# 800  
Delta R.T. 0.003 min  
Lab File: VU060918.D  
Acq: 20 Sep 2024 01:48

|             |             |       |  |
|-------------|-------------|-------|--|
| Tgt Ion: 63 | Resp: 27299 |       |  |
| Ion Ratio   | Lower       | Upper |  |
| 63 100      |             |       |  |
| 65 27.1     | 23.0        | 42.8  |  |
| 83 16.0     | 9.0         | 16.6  |  |





#22  
 cis-1,2-Dichloroethene  
 Concen: 3.082 ug/L  
 RT: 4.660 min Scan# 1048  
 Delta R.T. -0.000 min  
 Lab File: VU060918.D  
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|             |             |
|-------------|-------------|
| Tgt Ion: 96 | Resp: 28530 |
| Ion Ratio   | Lower Upper |
| 96 100      |             |
| 61 119.0    | 89.7 166.5  |
| 98 68.8     | 45.1 83.9   |

