

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092121\  
 Data File : VU044737.D  
 Acq On : 21 Sep 2021 15:29  
 Operator : SY/MD  
 Sample : M3789-14  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0CF7

Quant Time: Sep 22 01:42:29 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR090921WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Sep 22 01:40:07 2021  
 Response via : Initial Calibration

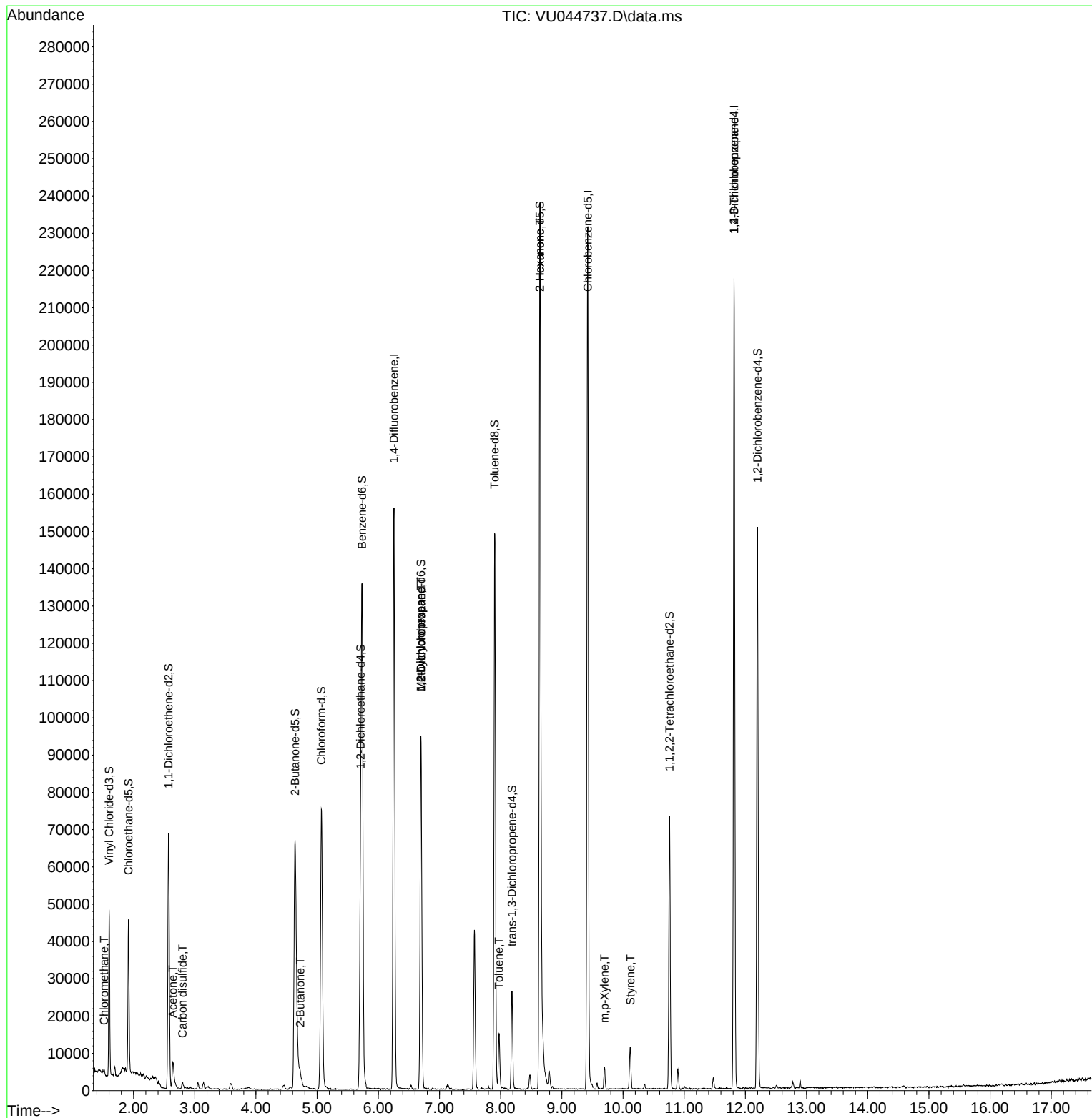
| Compound                      | R.T.   | QIon           | Response | Conc   | Units   | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|---------|----------|
| -----                         |        |                |          |        |         |          |
| Internal Standards            |        |                |          |        |         |          |
| 1) 1,4-Difluorobenzene        | 6.256  | 114            | 116738   | 5.000  | ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 9.423  | 117            | 119300   | 5.000  | ug/L    | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.815 | 152            | 52332    | 5.000  | ug/L    | 0.00     |
|                               |        |                |          |        |         |          |
| System Monitoring Compounds   |        |                |          |        |         |          |
| 4) Vinyl Chloride-d3          | 1.600  | 65             | 31258    | 4.538  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 90.800% |          |
| 7) Chloroethane-d5            | 1.916  | 69             | 28893    | 4.110  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 82.200% |          |
| 11) 1,1-Dichloroethene-d2     | 2.571  | 65             | 13471    | 3.872  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 77.400% |          |
| 20) 2-Butanone-d5             | 4.639  | 46             | 119855   | 41.510 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 83.020% |          |
| 24) Chloroform-d              | 5.070  | 84             | 65502    | 4.521  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 90.400% |          |
| 26) 1,2-Dichloroethane-d4     | 5.710  | 65             | 39285    | 4.547  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 91.000% |          |
| 32) Benzene-d6                | 5.735  | 84             | 120419   | 3.959  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 79.200% |          |
| 36) 1,2-Dichloropropane-d6    | 6.697  | 67             | 42887    | 4.293  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 85.800% |          |
| 41) Toluene-d8                | 7.902  | 98             | 95059    | 3.590  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 71.800% |          |
| 43) trans-1,3-Dichloroprop... | 8.185  | 79             | 14097    | 4.003  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 80.000% |          |
| 46) 2-Hexanone-d5             | 8.642  | 63             | 89310    | 39.461 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 78.920% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.761 | 84             | 36272    | 4.095  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 81.800% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.198 | 152            | 36346    | 4.209  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 84.200% |          |
|                               |        |                |          |        |         |          |
| Target Compounds              |        |                |          |        |         | Qvalue   |
| 3) Chloromethane              | 1.520  | 50             | 1046     | 0.093  | ug/L    | 95       |
| 13) Acetone                   | 2.642  | 43             | 11350    | 6.035  | ug/L    | 79       |
| 14) Carbon disulfide          | 2.800  | 76             | 1378     | 0.058  | ug/L #  | 91       |
| 21) 2-Butanone                | 4.726  | 43             | 5447     | 1.735  | ug/L    | 97       |
| 35) Methylcyclohexane         | 6.697  | 83             | 9754     | 0.677  | ug/L #  | 15       |
| 37) 1,2-Dichloropropane       | 6.697  | 63             | 4758     | 0.501  | ug/L #  | 88       |
| 42) Toluene                   | 7.973  | 91             | 10076    | 0.272  | ug/L    | 97       |
| 48) 2-Hexanone                | 8.642  | 43             | 11522    | 2.096  | ug/L #  | 67       |
| 53) m,p-Xylene                | 9.697  | 106            | 1737     | 0.114  | ug/L    | 95       |
| 55) Styrene                   | 10.121 | 104            | 4844     | 0.190  | ug/L    | 97       |
| 61) 1,2,3-Trichloropropane    | 11.815 | 75             | 7762     | 1.342  | ug/L #  | 66       |
| -----                         |        |                |          |        |         |          |

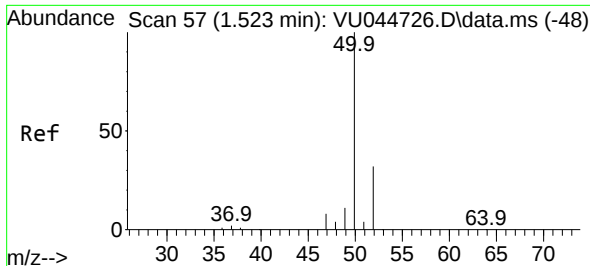
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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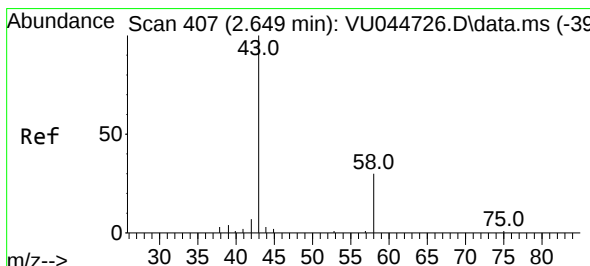
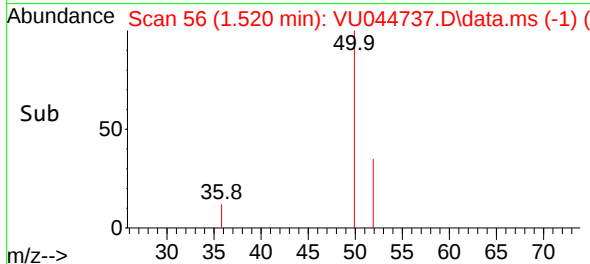
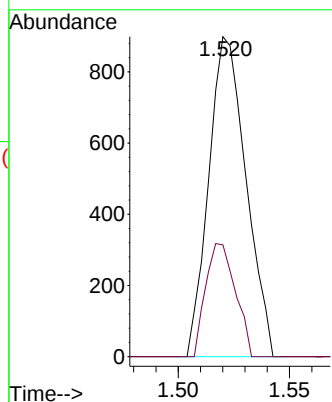
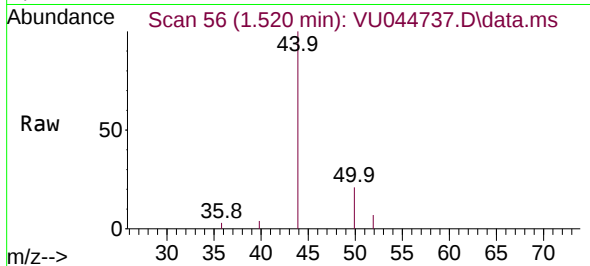




#3  
Chloromethane  
Concen: 0.093 ug/L  
RT: 1.520 min Scan# 56  
Delta R.T. -0.003 min  
Lab File: VU044737.D  
Acq: 21 Sep 2021 15:29

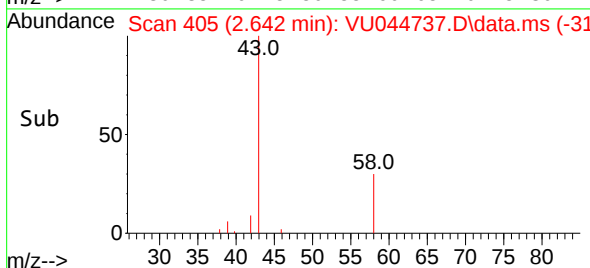
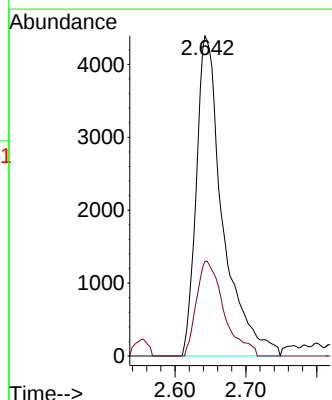
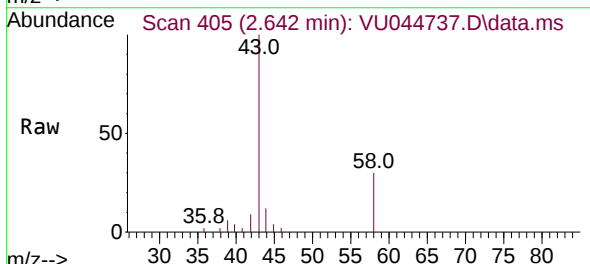
Instrument :  
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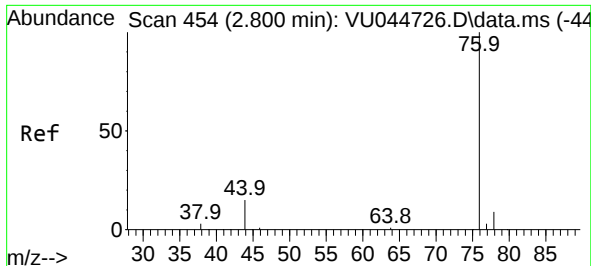
Tgt Ion: 50 Resp: 1046  
Ion Ratio Lower Upper  
50 100  
52 34.9 22.6 42.0



#13  
Acetone  
Concen: 6.035 ug/L  
RT: 2.642 min Scan# 405  
Delta R.T. -0.007 min  
Lab File: VU044737.D  
Acq: 21 Sep 2021 15:29

Tgt Ion: 43 Resp: 11350  
Ion Ratio Lower Upper  
43 100  
58 30.9 0.0 42.4

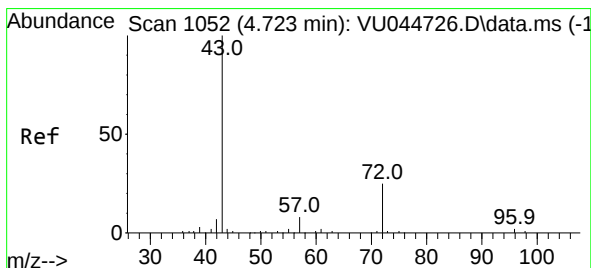
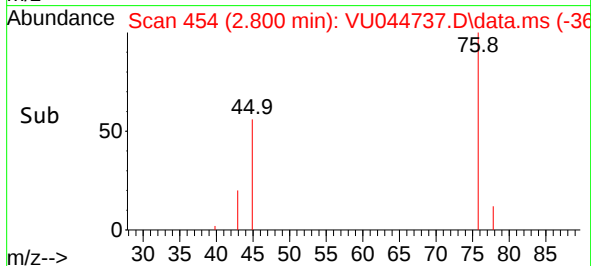
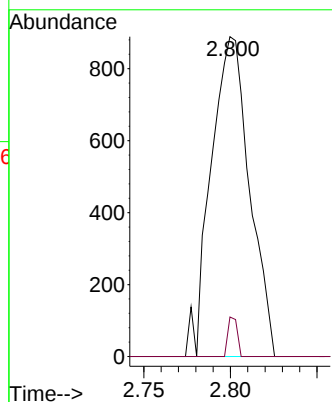
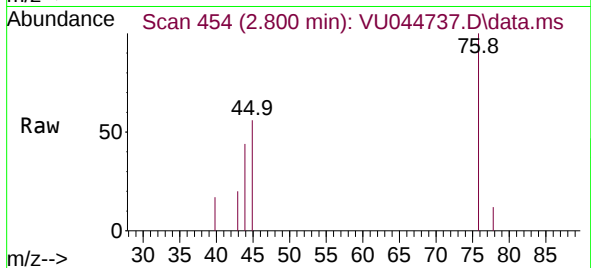




#14  
Carbon disulfide  
Concen: 0.058 ug/L  
RT: 2.800 min Scan# 454  
Delta R.T. -0.000 min  
Lab File: VU044737.D  
Acq: 21 Sep 2021 15:29

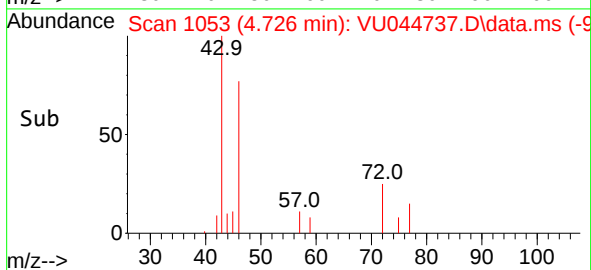
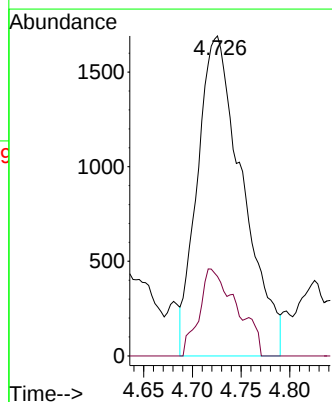
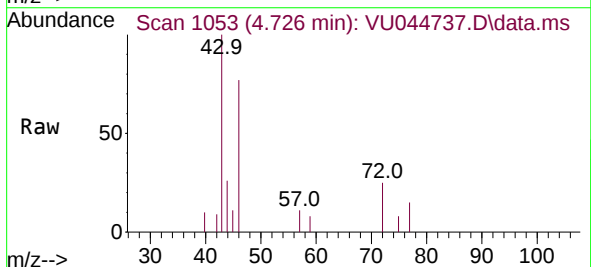
Instrument :  
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ClientSampleId :  
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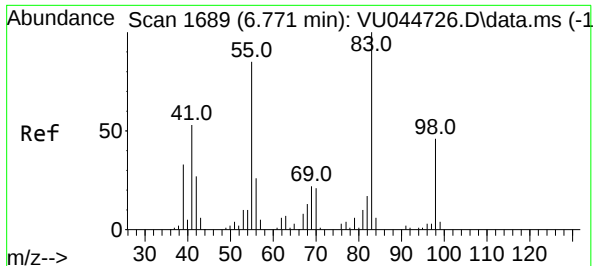
Tgt Ion: 76 Resp: 1378  
Ion Ratio Lower Upper  
76 100  
78 12.4 7.4 11.0#



#21  
2-Butanone  
Concen: 1.735 ug/L  
RT: 4.726 min Scan# 1053  
Delta R.T. 0.003 min  
Lab File: VU044737.D  
Acq: 21 Sep 2021 15:29

Tgt Ion: 43 Resp: 5447  
Ion Ratio Lower Upper  
43 100  
72 19.5 9.2 27.4

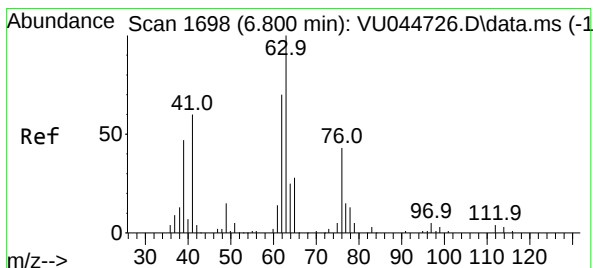
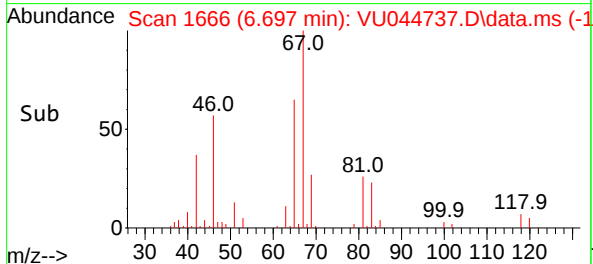
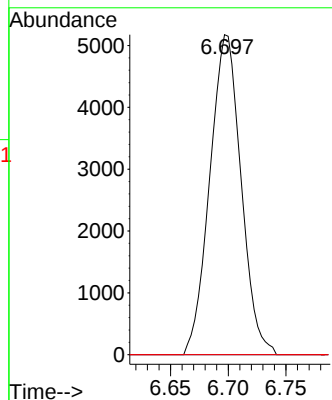
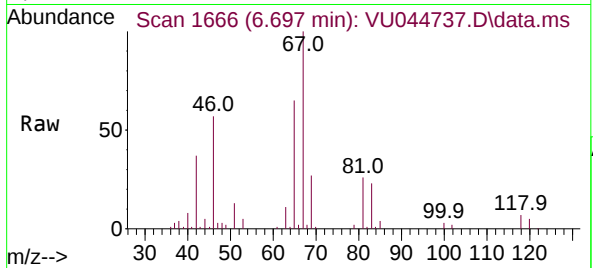




#35  
Methylcyclohexane  
Concen: 0.677 ug/L  
RT: 6.697 min Scan# 1666  
Delta R.T. -0.074 min  
Lab File: VU044737.D  
Acq: 21 Sep 2021 15:29

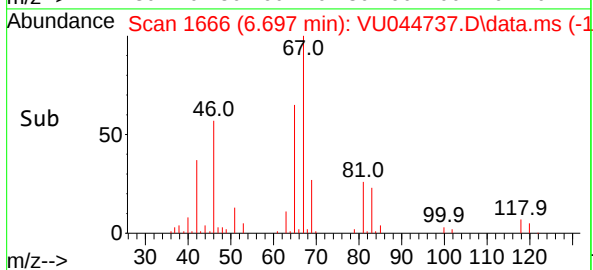
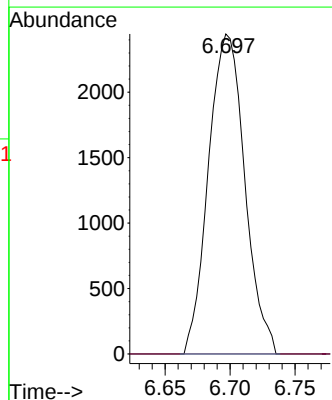
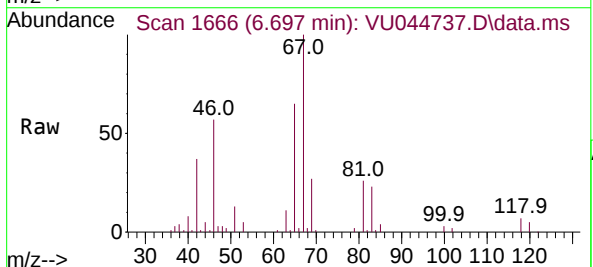
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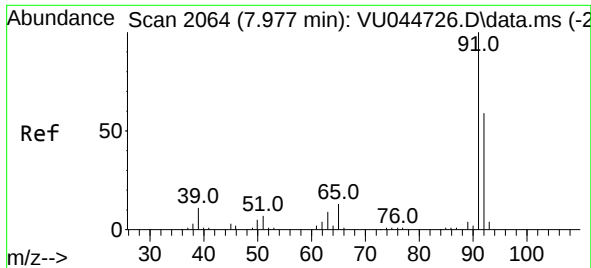
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 9754   |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 55       | 0.0   | 68.3  | 102.5# |
| 98       | 0.0   | 37.3  | 55.9#  |



#37  
1,2-Dichloropropane  
Concen: 0.501 ug/L  
RT: 6.697 min Scan# 1666  
Delta R.T. -0.103 min  
Lab File: VU044737.D  
Acq: 21 Sep 2021 15:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 63    | Resp: | 4758  |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 112      | 0.0   | 3.1   | 4.7#  |

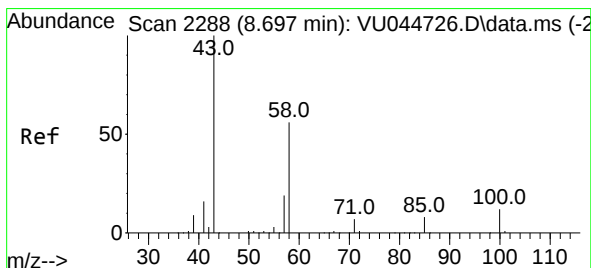
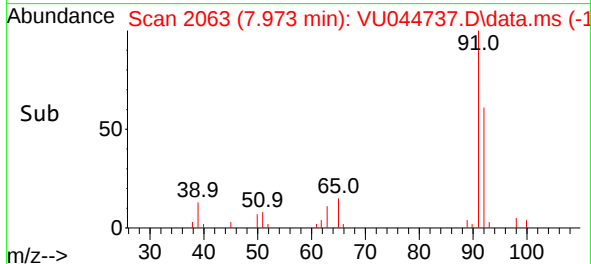
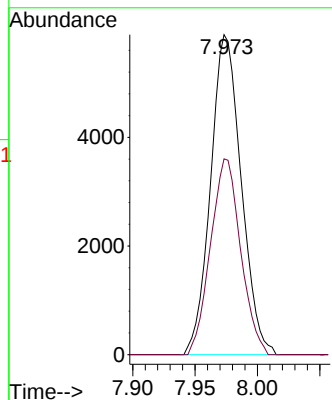
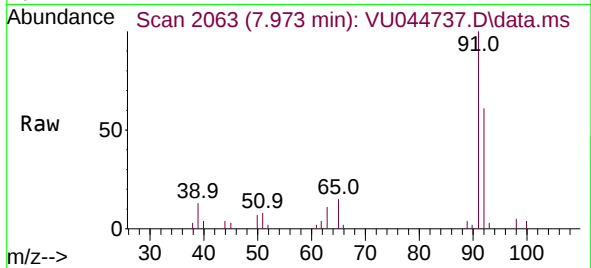




#42  
Toluene  
Concen: 0.272 ug/L  
RT: 7.973 min Scan# 2063  
Delta R.T. -0.003 min  
Lab File: VU044737.D  
Acq: 21 Sep 2021 15:29

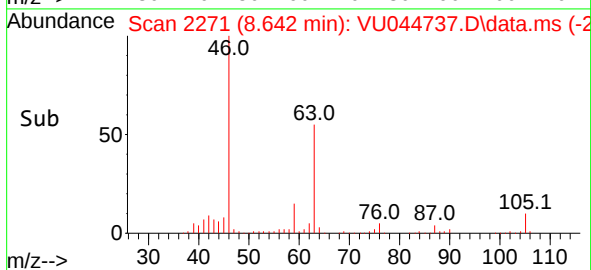
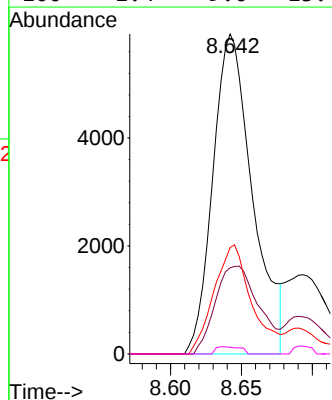
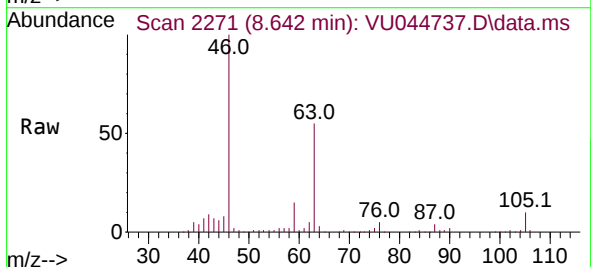
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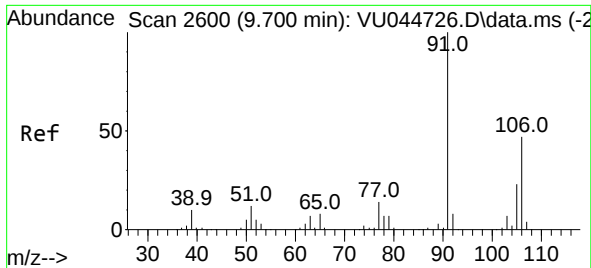
Tgt Ion: 91 Resp: 10076  
Ion Ratio Lower Upper  
91 100  
92 61.2 41.1 76.3



#48  
2-Hexanone  
Concen: 2.096 ug/L  
RT: 8.642 min Scan# 2271  
Delta R.T. -0.055 min  
Lab File: VU044737.D  
Acq: 21 Sep 2021 15:29

Tgt Ion: 43 Resp: 11522  
Ion Ratio Lower Upper  
43 100  
58 30.5 44.6 66.8#  
57 32.5 14.8 22.2#  
100 1.4 9.0 13.4#

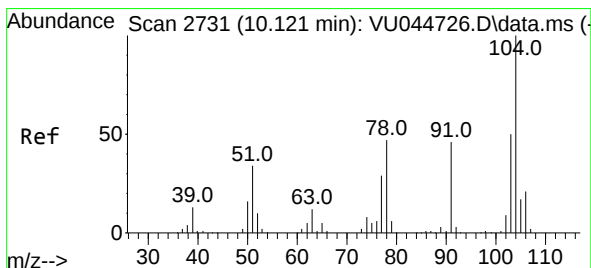
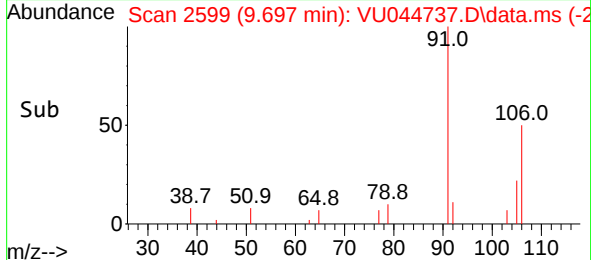
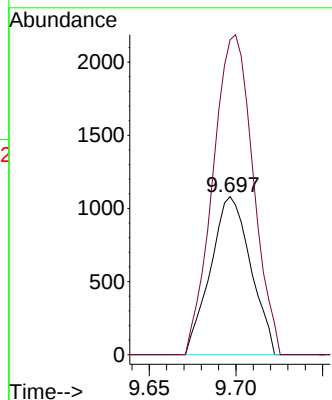
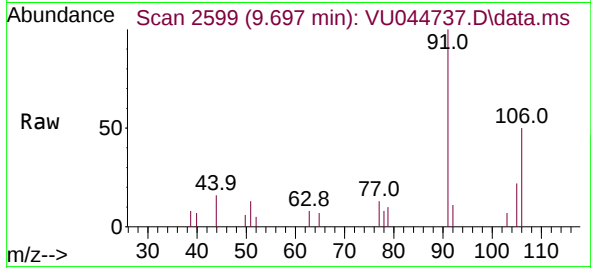




#53  
m,p-Xylene  
Concen: 0.114 ug/L  
RT: 9.697 min Scan# 2599  
Delta R.T. -0.003 min  
Lab File: VU044737.D  
Acq: 21 Sep 2021 15:29

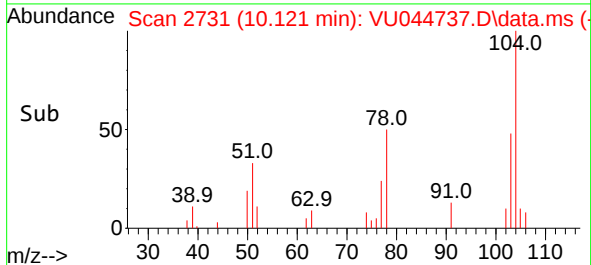
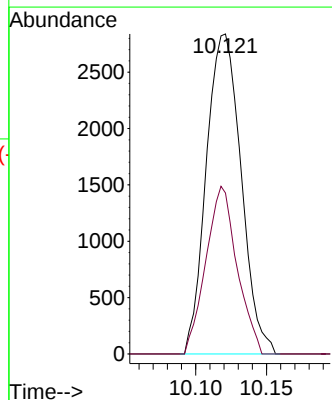
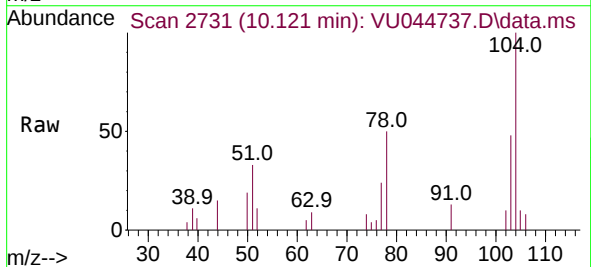
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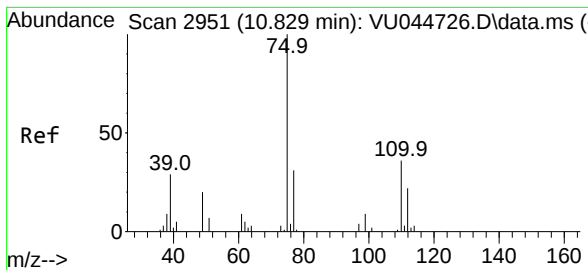
Tgt Ion:106 Resp: 1737  
Ion Ratio Lower Upper  
106 100  
91 199.2 144.6 268.6



#55  
Styrene  
Concen: 0.190 ug/L  
RT: 10.121 min Scan# 2731  
Delta R.T. -0.000 min  
Lab File: VU044737.D  
Acq: 21 Sep 2021 15:29

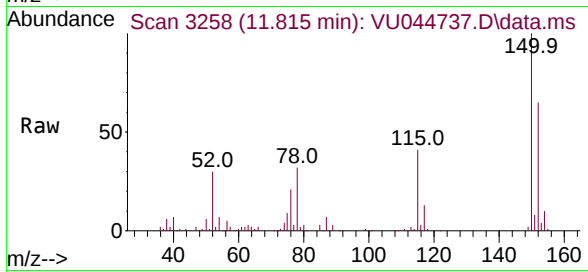
Tgt Ion:104 Resp: 4844  
Ion Ratio Lower Upper  
104 100  
78 50.3 33.6 62.4





#61  
 1,2,3-Trichloropropane  
 Concen: 1.342 ug/L  
 RT: 11.815 min Scan# 3258  
 Delta R.T. 0.987 min  
 Lab File: VU044737.D  
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Tgt Ion: 75 Resp: 7762  
 Ion Ratio Lower Upper  
 75 100  
 110 0.0 28.8 43.2#  
 77 30.7 25.9 38.9

