

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU021023\  
 Data File : VU053036.D  
 Acq On : 10 Feb 2023 14:28  
 Operator : JC/MD  
 Sample : 01422-20  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0B79

Quant Time: Feb 10 23:31:35 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR021023WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Feb 10 23:20:41 2023  
 Response via : Initial Calibration

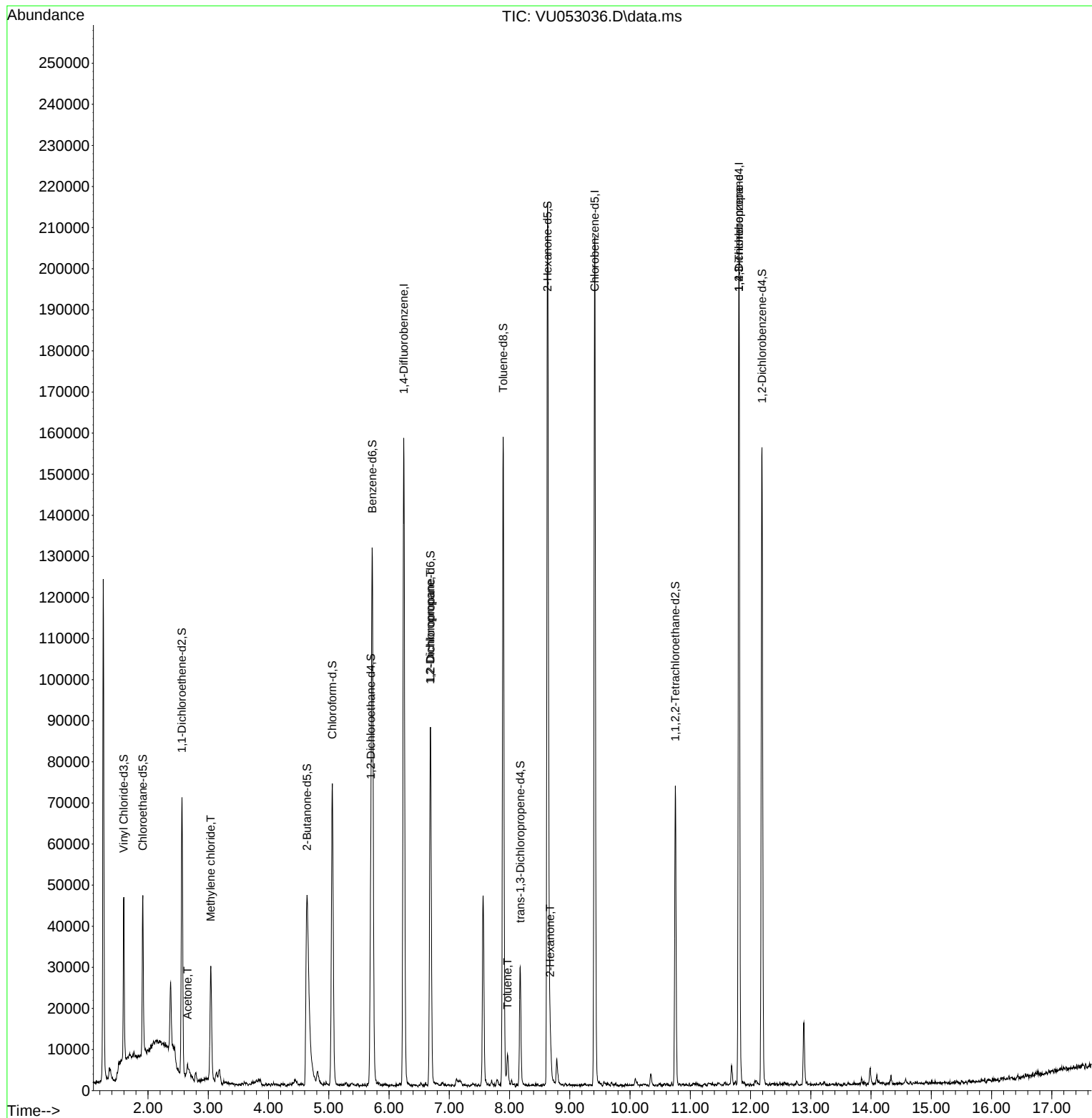
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.244  | 114   | 127295   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.415  | 117   | 114188   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 52708    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.598  | 65    | 28921    | 4.743    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 94.800%  |
| 7) Chloroethane-d5            | 1.913  | 69    | 28672    | 5.002    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 100.000% |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    | 12859    | 4.597    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 92.000%  |
| 20) 2-Butanone-d5             | 4.640  | 46    | 95586    | 51.179   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 102.360% |
| 24) Chloroform-d              | 5.058  | 84    | 65548    | 4.671    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 93.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65    | 33519    | 4.740    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 94.800%  |
| 32) Benzene-d6                | 5.724  | 84    | 122711   | 4.782    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 95.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.688  | 67    | 43920    | 4.914    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 98.200%  |
| 41) Toluene-d8                | 7.894  | 98    | 108038   | 4.661    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 93.200%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 17919    | 4.953    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 99.000%  |
| 46) 2-Hexanone-d5             | 8.630  | 63    | 80439    | 50.078   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 100.160% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.752 | 84    | 36765    | 4.790    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 95.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 39396    | 5.003    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 100.000% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 13) Acetone                   | 2.656  | 43    | 6872     | 5.126    | ug/L # | 66       |
| 16) Methylene chloride        | 3.042  | 84    | 13872    | 1.592    | ug/L   | 95       |
| 37) 1,2-Dichloropropane       | 6.685  | 63    | 4451     | 0.497    | ug/L # | 90       |
| 42) Toluene                   | 7.965  | 91    | 6545     | 0.183    | ug/L   | 98       |
| 48) 2-Hexanone                | 8.675  | 43    | 4027     | 1.173    | ug/L # | 89       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75    | 7023     | 1.388    | ug/L # | 71       |
| -----                         |        |       |          |          |        |          |

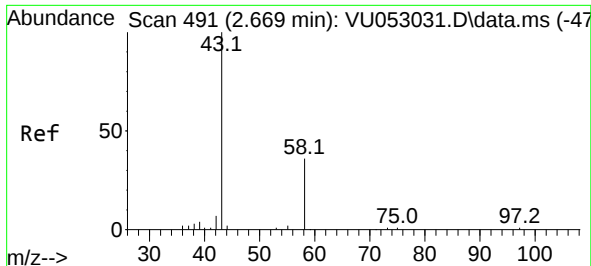
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.126 ug/L

RT: 2.656 min Scan# 41

Delta R.T. -0.013 min

Lab File: VU053036.D

Acq: 10 Feb 2023 14:28

Instrument :

MSVOA\_U

ClientSampleId :

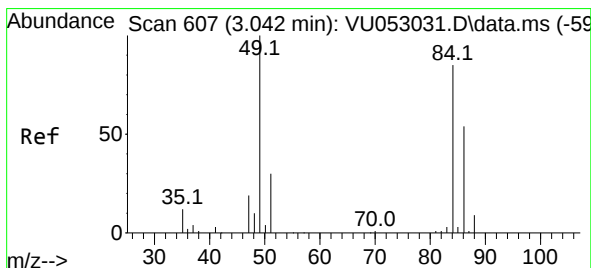
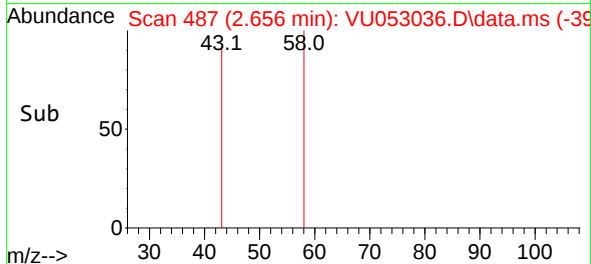
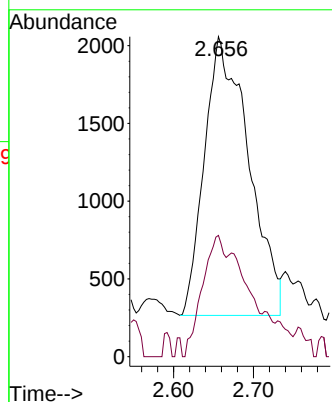
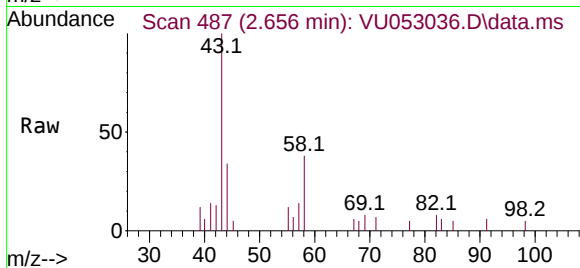
C0B79

Tgt Ion: 43 Resp: 6872

Ion Ratio Lower Upper

43 100

58 22.4 0.0 19.6#



#16

Methylene chloride

Concen: 1.592 ug/L

RT: 3.042 min Scan# 607

Delta R.T. 0.000 min

Lab File: VU053036.D

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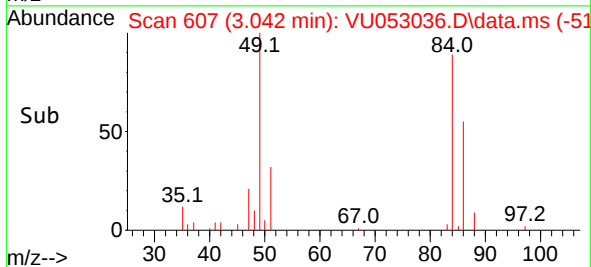
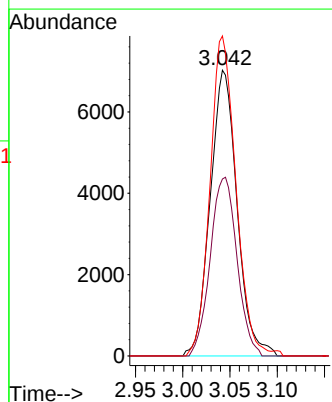
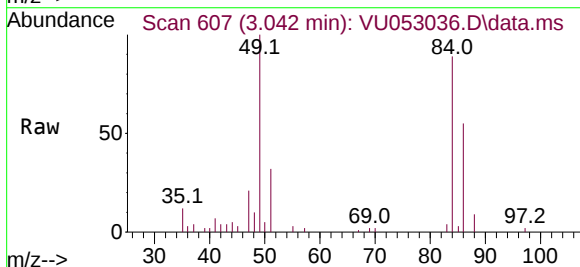
Tgt Ion: 84 Resp: 13872

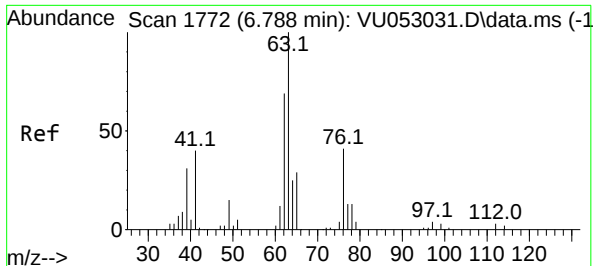
Ion Ratio Lower Upper

84 100

86 61.9 44.9 83.3

49 112.0 82.6 153.4





#37

1,2-Dichloropropane

Concen: 0.497 ug/L

RT: 6.685 min Scan# 11

Delta R.T. -0.103 min

Lab File: VU053036.D

Acq: 10 Feb 2023 14:28

Instrument :

MSVOA\_U

ClientSampleId :

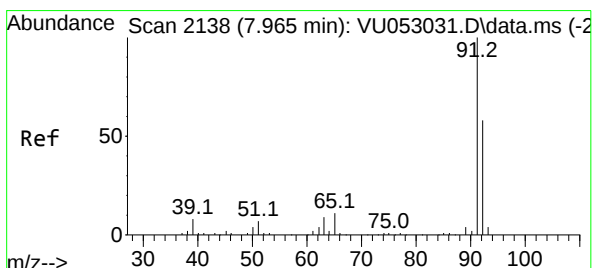
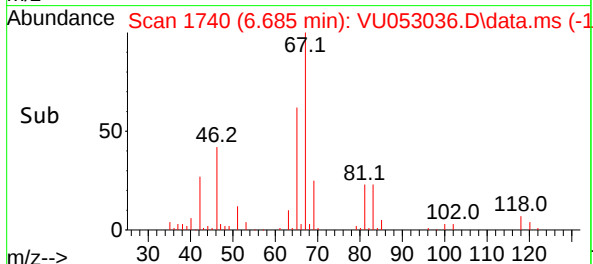
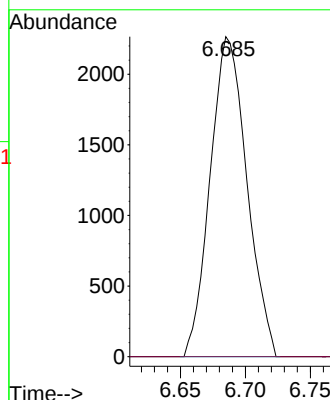
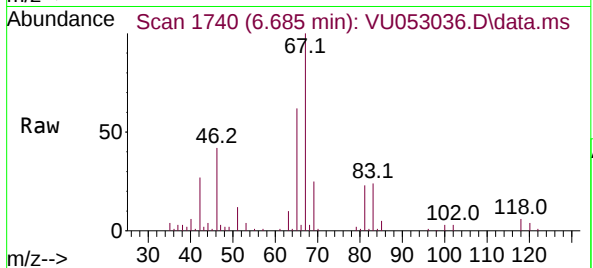
C0B79

Tgt Ion: 63 Resp: 4451

Ion Ratio Lower Upper

63 100

112 0.0 2.7 4.1#



#42

Toluene

Concen: 0.183 ug/L

RT: 7.965 min Scan# 2138

Delta R.T. 0.000 min

Lab File: VU053036.D

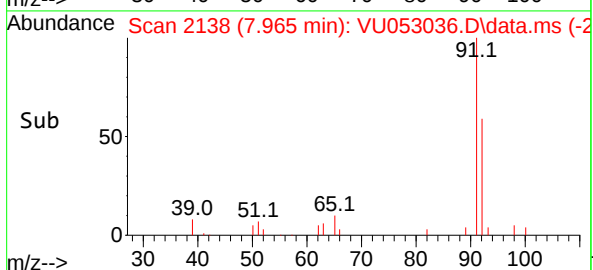
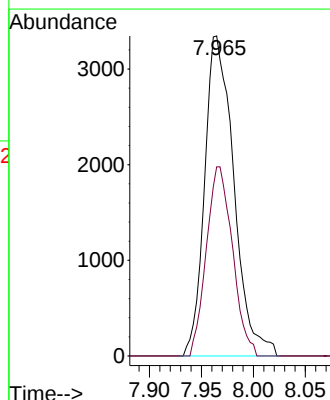
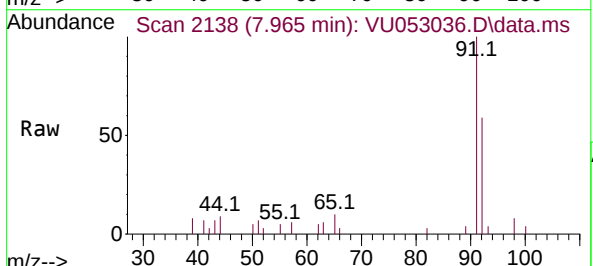
Acq: 10 Feb 2023 14:28

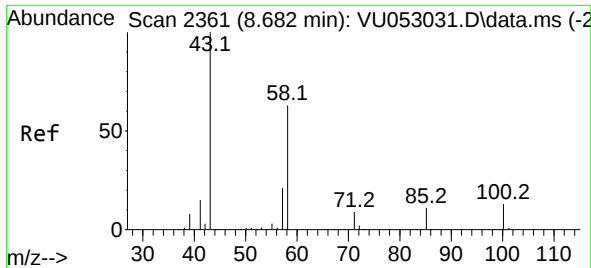
Tgt Ion: 91 Resp: 6545

Ion Ratio Lower Upper

91 100

92 59.1 40.5 75.3

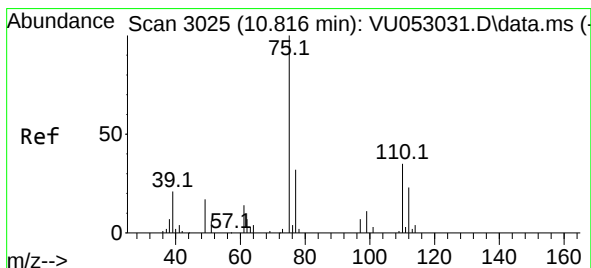
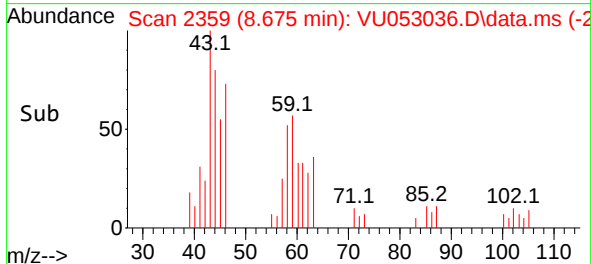
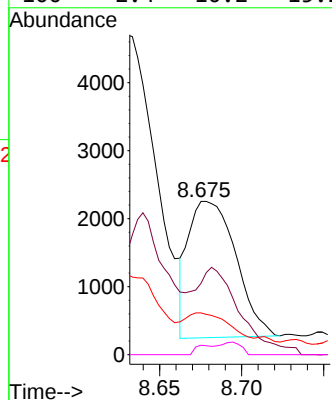
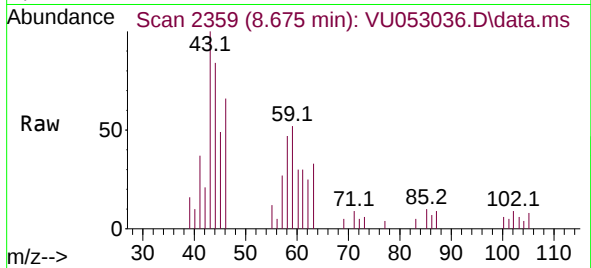




#48  
2-Hexanone  
Concen: 1.173 ug/L  
RT: 8.675 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VU053036.D  
Acq: 10 Feb 2023 14:28

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MSVOA\_U  
ClientSampleId :  
C0B79

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 43 | Resp: | 4027        |
| Ion         | Ratio | Lower Upper |
| 43          | 100   |             |
| 58          | 57.1  | 50.3 75.5   |
| 57          | 16.3  | 17.4 26.0#  |
| 100         | 2.4   | 10.2 15.2#  |



#61  
1,2,3-Trichloropropane  
Concen: 1.388 ug/L  
RT: 11.807 min Scan# 3333  
Delta R.T. 0.990 min  
Lab File: VU053036.D  
Acq: 10 Feb 2023 14:28

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 75 | Resp: | 7023        |
| Ion         | Ratio | Lower Upper |
| 75          | 100   |             |
| 110         | 2.2   | 28.6 42.8#  |
| 77          | 34.0  | 27.6 41.4   |

