

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU091724\  
 Data File : VU060851.D  
 Acq On : 17 Sep 2024 23:23  
 Operator : MD/SY  
 Sample : P3987-10 50X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Sep 18 03:45:26 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR091624WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Sep 18 02:40:24 2024  
 Response via : Initial Calibration

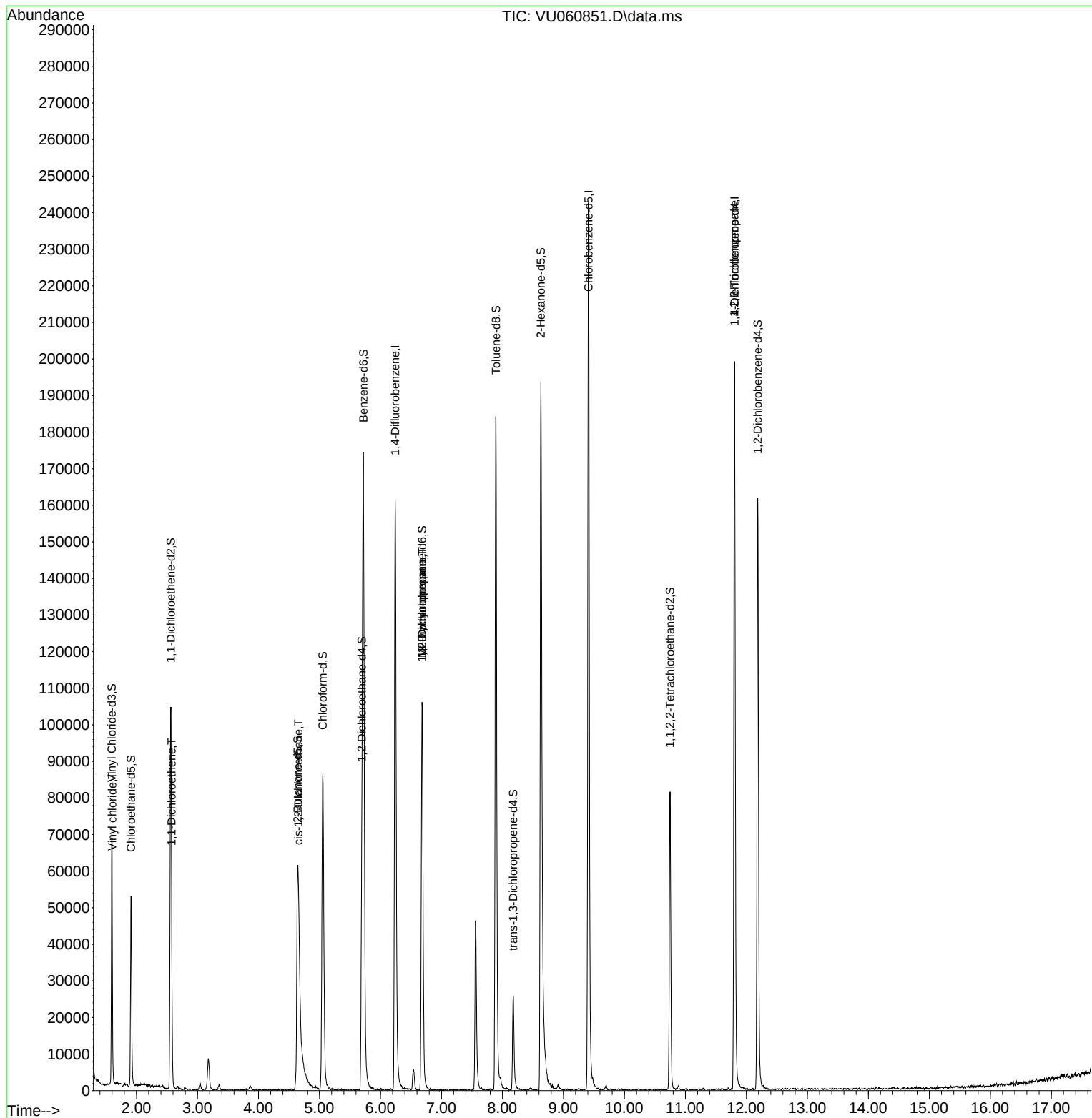
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 143257   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 150975   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 61178    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65    | 48015    | 3.726    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 74.600%  |
| 7) Chloroethane-d5            | 1.911  | 69    | 38469    | 4.193    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 83.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    | 20007    | 4.381    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 87.600%  |
| 20) 2-Butanone-d5             | 4.644  | 46    | 92559    | 44.747   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 89.500%  |
| 24) Chloroform-d              | 5.055  | 84    | 86277    | 4.380    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 87.600%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 43907    | 4.663    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 93.200%  |
| 32) Benzene-d6                | 5.721  | 84    | 170644   | 4.217    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 84.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 55916    | 4.466    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 89.400%  |
| 41) Toluene-d8                | 7.894  | 98    | 140208   | 3.800    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 76.000%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 16893    | 3.748    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 75.000%  |
| 46) 2-Hexanone-d5             | 8.631  | 63    | 74547    | 41.933   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 83.860%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84    | 43801    | 4.466    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 89.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 49183    | 4.784    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 95.600%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 5) Vinyl chloride             | 1.602  | 62    | 2806     | 0.227    | ug/L   | 88       |
| 12) 1,1-Dichloroethene        | 2.576  | 96    | 4062     | 0.451    | ug/L # | 1        |
| 22) cis-1,2-Dichloroethene    | 4.656  | 96    | 7140     | 0.691    | ug/L   | 99       |
| 35) Methylcyclohexane         | 6.682  | 83    | 12803    | 0.858    | ug/L # | 18       |
| 37) 1,2-Dichloropropane       | 6.685  | 63    | 5386     | 0.471    | ug/L # | 93       |
| 61) 1,2,3-Trichloropropane    | 11.804 | 75    | 7089     | 1.242    | ug/L # | 65       |
| -----                         |        |       |          |          |        |          |

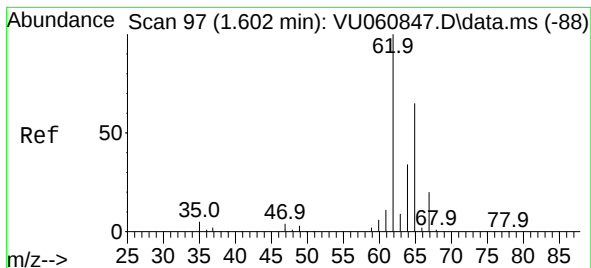
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 18 02:40:24 2024  
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.227 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU060851.D

Acq: 17 Sep 2024 23:23

Instrument :

MSVOA\_U

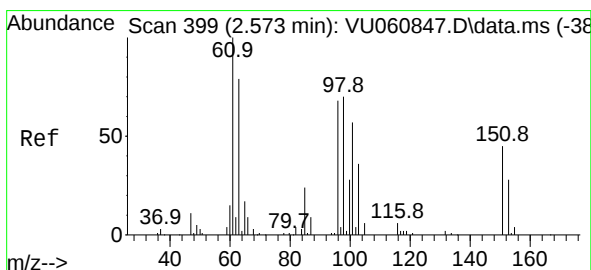
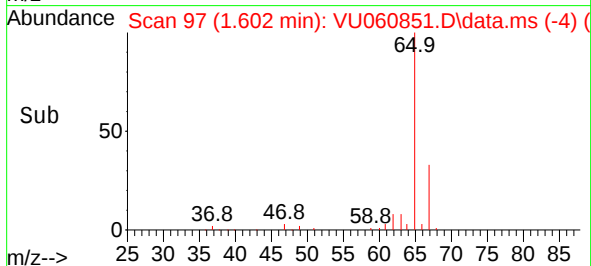
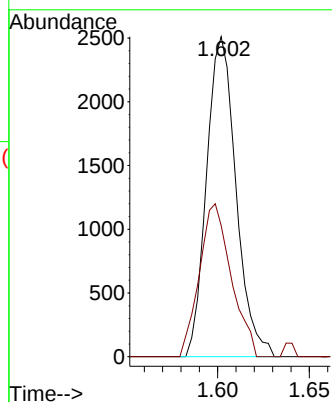
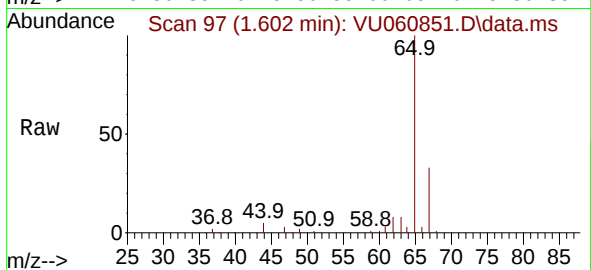
ClientSampleId :

Tgt Ion: 62 Resp: 2806

Ion Ratio Lower Upper

62 100

64 41.0 24.0 44.6



#12

1,1-Dichloroethene

Concen: 0.451 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU060851.D

Acq: 17 Sep 2024 23:23

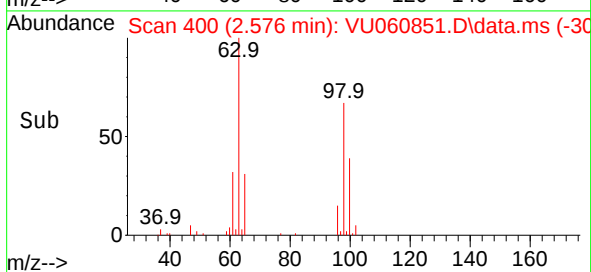
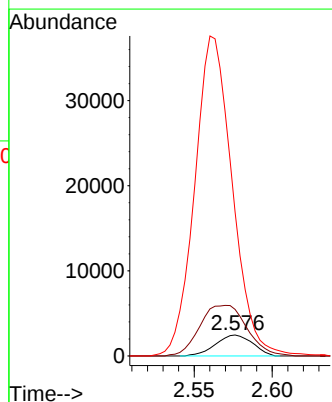
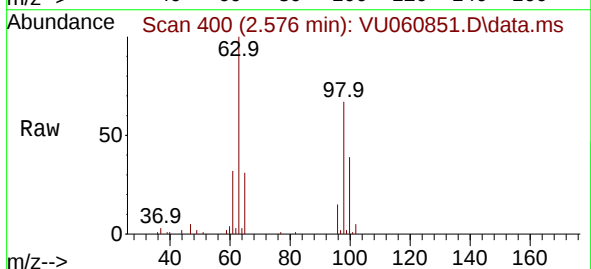
Tgt Ion: 96 Resp: 4062

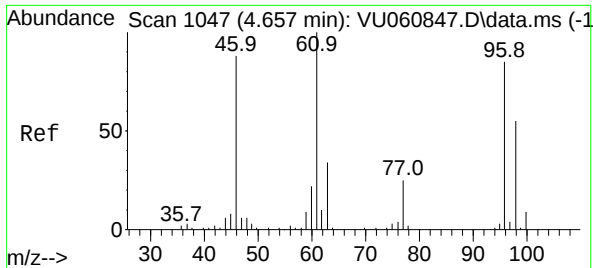
Ion Ratio Lower Upper

96 100

61 221.5 120.7 224.1

63 684.2 90.0 167.2#





#22

cis-1,2-Dichloroethene

Concen: 0.691 ug/L

RT: 4.656 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU060851.D

Acq: 17 Sep 2024 23:23

Instrument :

MSVOA\_U

ClientSampleId :

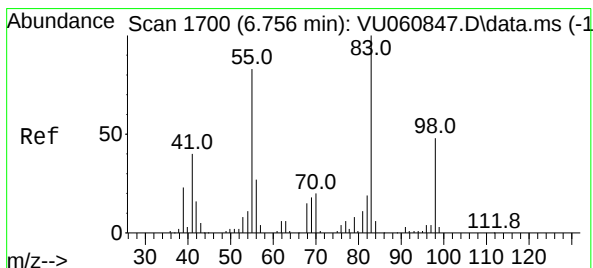
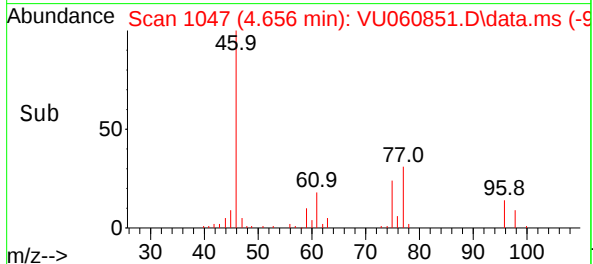
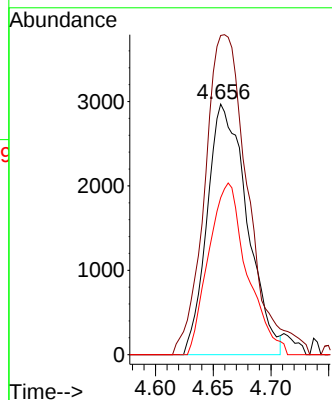
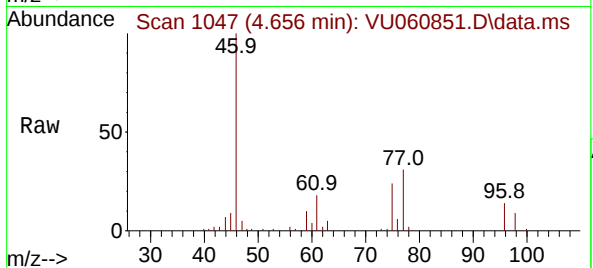
Tgt Ion: 96 Resp: 7140

Ion Ratio Lower Upper

96 100

61 127.3 89.7 166.5

98 62.6 45.1 83.9



#35

Methylcyclohexane

Concen: 0.858 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU060851.D

Acq: 17 Sep 2024 23:23

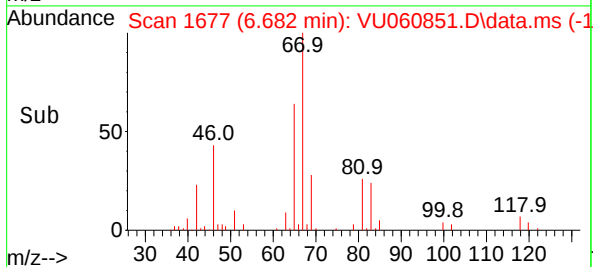
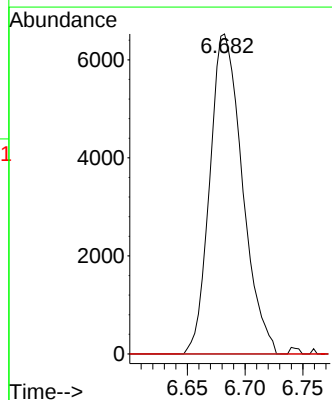
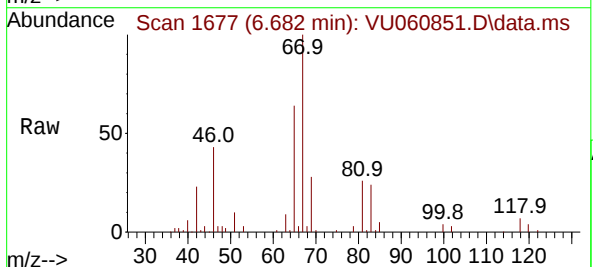
Tgt Ion: 83 Resp: 12803

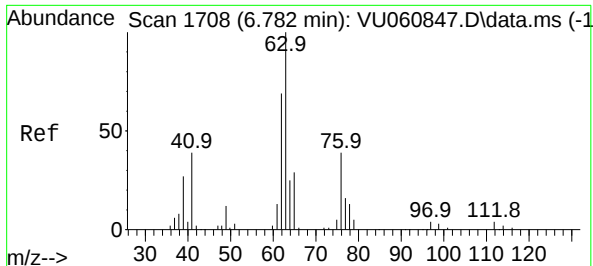
Ion Ratio Lower Upper

83 100

55 0.0 62.6 94.0#

98 0.2 37.6 56.4#

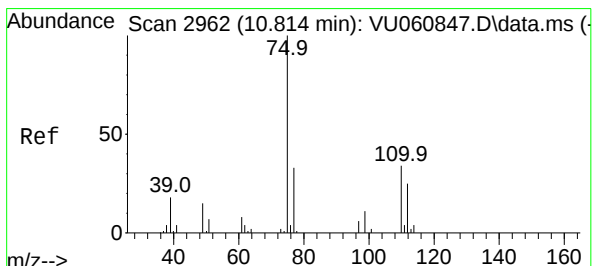
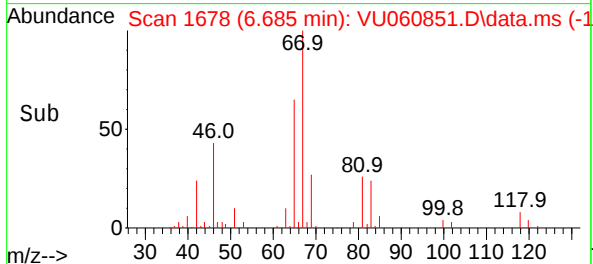
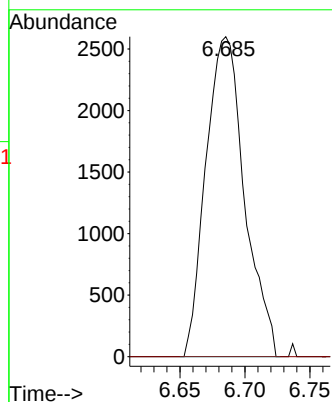
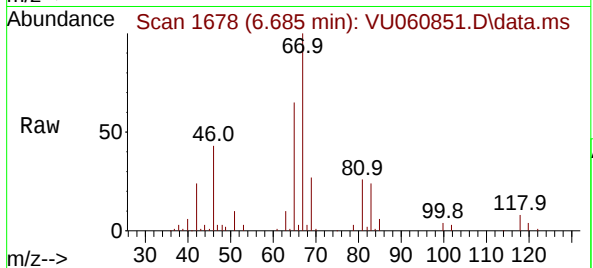




#37  
1,2-Dichloropropane  
Concen: 0.471 ug/L  
RT: 6.685 min Scan# 1  
Delta R.T. -0.097 min  
Lab File: VU060851.D  
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Instrument :  
MSVOA\_U  
ClientSampleId :

Tgt Ion: 63 Resp: 5386  
Ion Ratio Lower Upper  
63 100  
112 0.0 2.0 3.0#



#61  
1,2,3-Trichloropropane  
Concen: 1.242 ug/L  
RT: 11.804 min Scan# 3270  
Delta R.T. 0.990 min  
Lab File: VU060851.D  
Acq: 17 Sep 2024 23:23

Tgt Ion: 75 Resp: 7089  
Ion Ratio Lower Upper  
75 100  
110 0.7 28.6 43.0#  
77 28.5 26.3 39.5

