

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU100622\  
 Data File : VU051173.D  
 Acq On : 06 Oct 2022 15:45  
 Operator : JC/MD  
 Sample : N4853-11  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EW831

Quant Time: Oct 07 01:32:17 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM092922WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Oct 07 01:29:24 2022  
 Response via : Initial Calibration

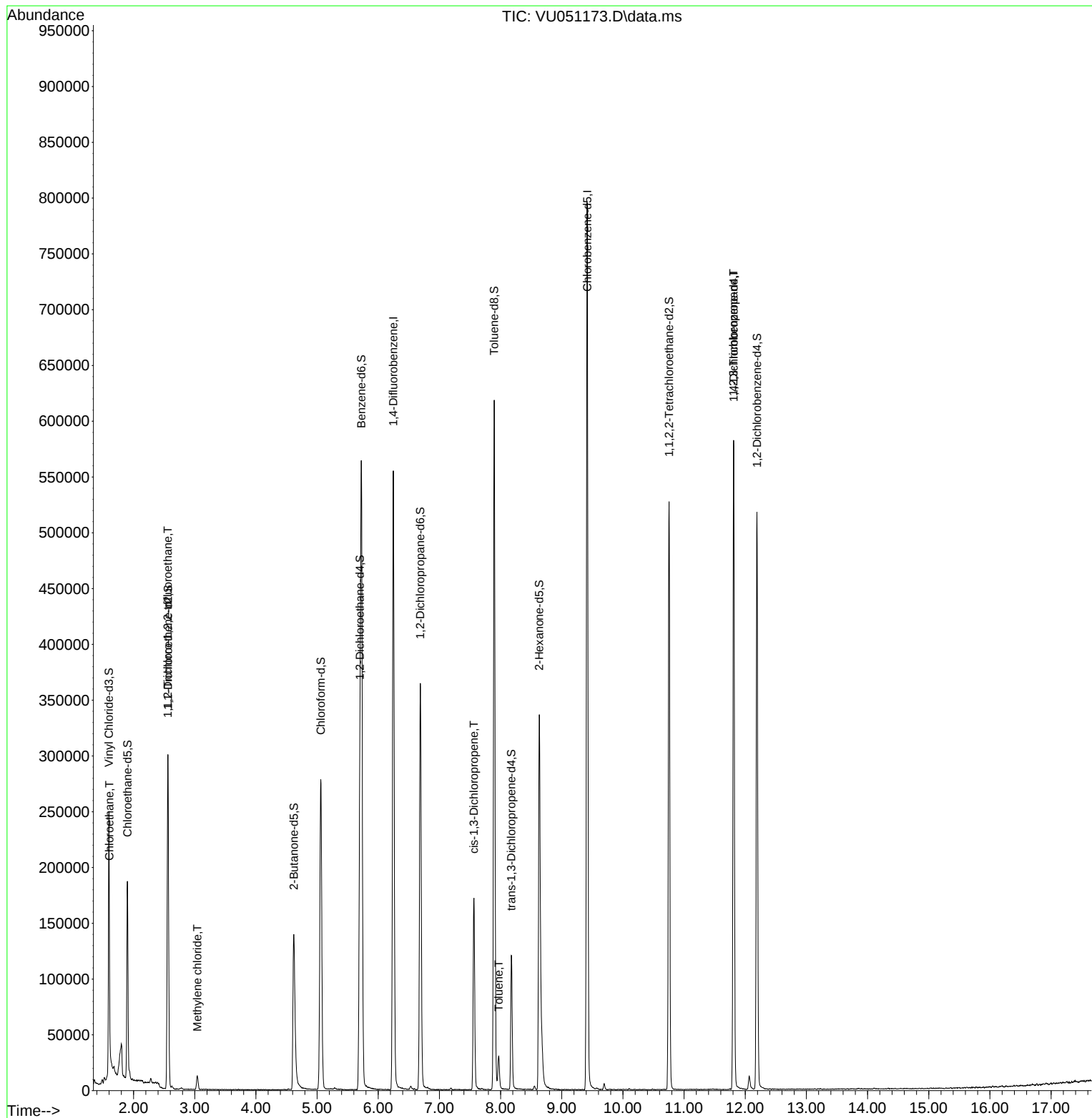
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.247          | 114  | 441264     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417          | 117  | 447833     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812         | 152  | 153172     | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597          | 65   | 159928     | 35.762   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 71.520%  |        |          |
| 7) Chloroethane-d5            | 1.900          | 69   | 136777     | 32.926   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 65.860%# |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.562          | 63   | 178743     | 27.058   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 54.120%# |        |          |
| 21) 2-Butanone-d5             | 4.620          | 46   | 199115     | 68.649   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 68.650%  |        |          |
| 24) Chloroform-d              | 5.060          | 84   | 265440     | 36.842   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 73.680%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.700          | 65   | 169187     | 37.938   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 75.880%  |        |          |
| 32) Benzene-d6                | 5.726          | 84   | 525978     | 40.107   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 80.220%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.687          | 67   | 178723     | 41.999   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 84.000%  |        |          |
| 41) Toluene-d8                | 7.896          | 98   | 414447     | 34.205   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 68.420%# |        |          |
| 43) trans-1,3-Dichloroprop... | 8.176          | 79   | 69094      | 34.041   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 68.080%  |        |          |
| 47) 2-Hexanone-d5             | 8.632          | 63   | 95607      | 55.641   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 55.640%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.754         | 84   | 265707     | 35.727   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 71.460%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.192         | 152  | 136493     | 41.713   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 83.420%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 8) Chloroethane               | 1.604          | 64   | 29511      | 8.662    | ug/L   | 85       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.559          | 101  | 1935       | 0.574    | ug/L # | 20       |
| 16) Methylene chloride        | 3.041          | 84   | 5826       | 1.290    | ug/L   | 87       |
| 39) cis-1,3-Dichloropropene   | 7.565          | 75   | 4149       | 0.797    | ug/L # | 70       |
| 42) Toluene                   | 7.970          | 91   | 20847      | 1.436    | ug/L   | 96       |
| 60) 1,2,3-Trichloropropane    | 11.809         | 75   | 20153      | 5.000    | ug/L # | 66       |
| -----                         |                |      |            |          |        |          |

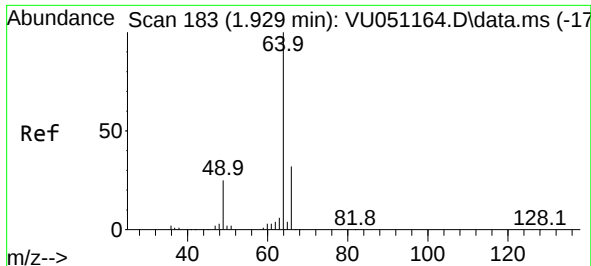
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 07 01:29:24 2022  
Response via : Initial Calibration





#8

Chloroethane

Concen: 8.662 ug/L

RT: 1.604 min Scan# 81

Delta R.T. -0.325 min

Lab File: VU051173.D

Acq: 06 Oct 2022 15:45

Instrument :

MSVOA\_U

ClientSampleId :

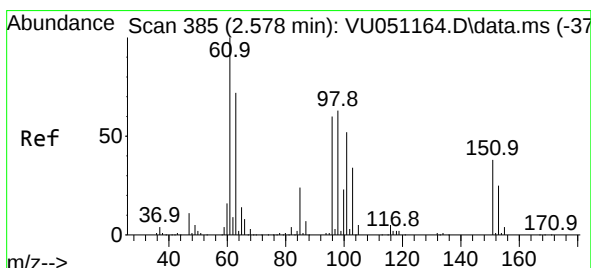
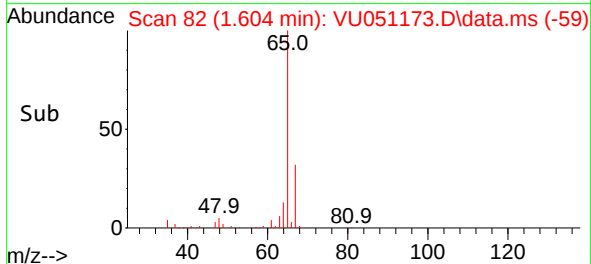
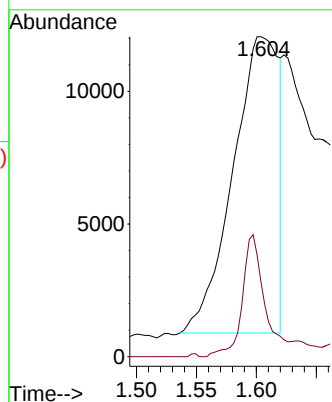
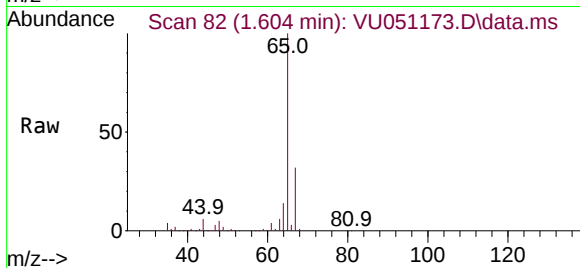
EW831

Tgt Ion: 64 Resp: 29511

Ion Ratio Lower Upper

64 100

66 23.6 22.3 41.3



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.574 ug/L

RT: 2.559 min Scan# 379

Delta R.T. -0.019 min

Lab File: VU051173.D

Acq: 06 Oct 2022 15:45

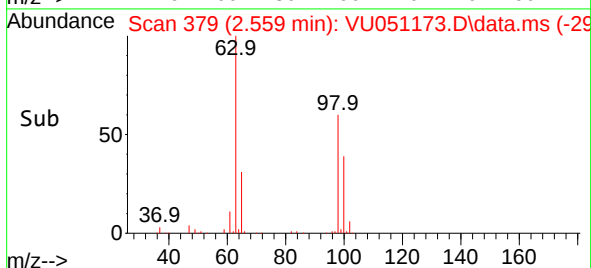
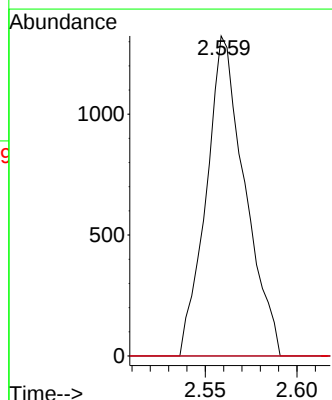
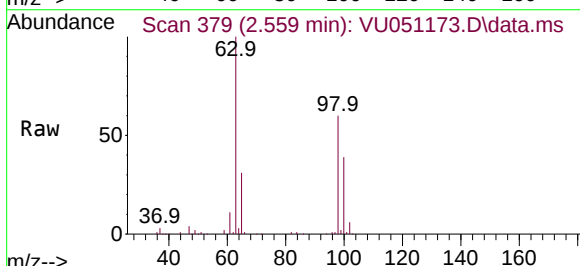
Tgt Ion:101 Resp: 1935

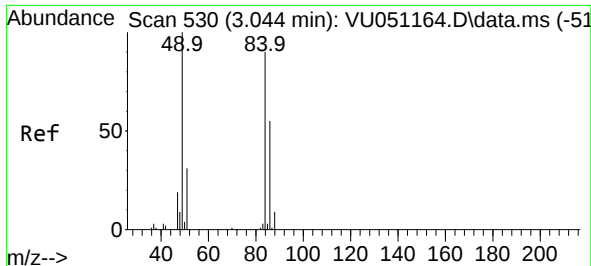
Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

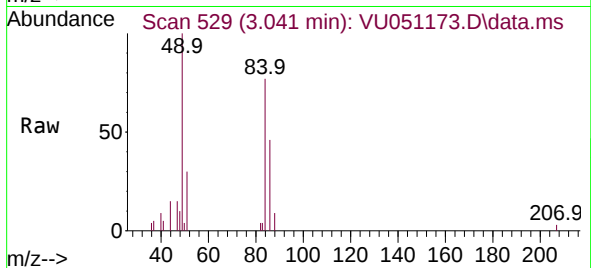
151 0.0 58.6 87.8#



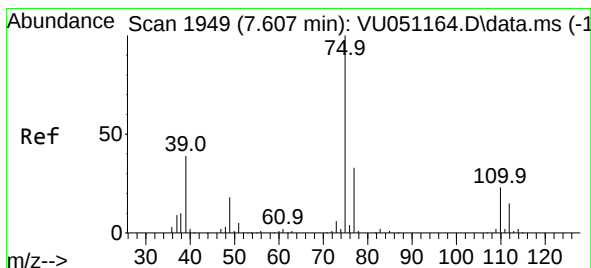
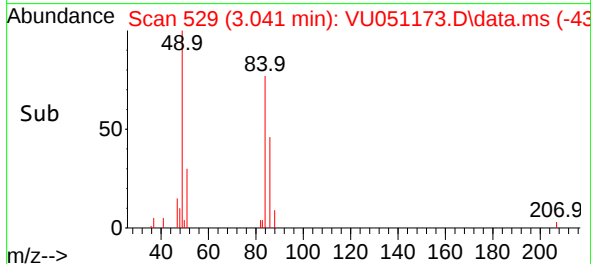
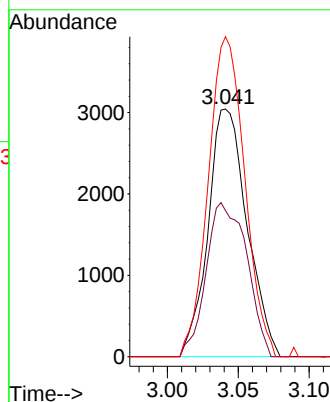


#16  
Methylene chloride  
Concen: 1.290 ug/L  
RT: 3.041 min Scan# 51  
Delta R.T. -0.003 min  
Lab File: VU051173.D  
Acq: 06 Oct 2022 15:45

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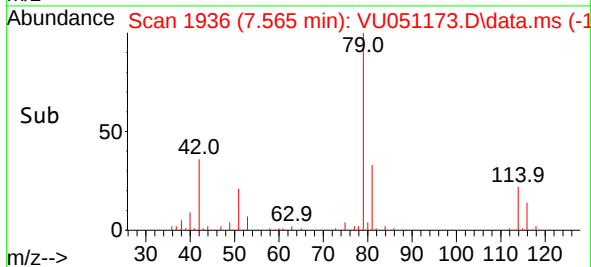
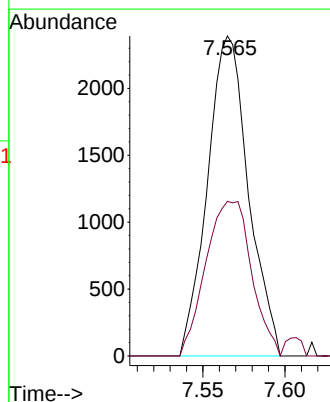
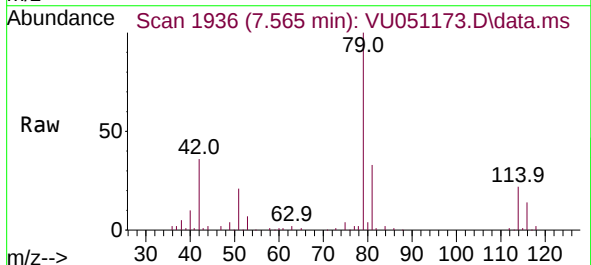


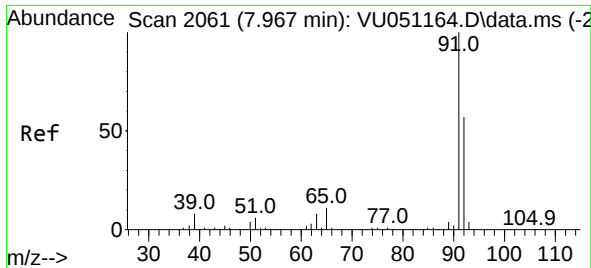
Tgt Ion: 84 Resp: 5826  
Ion Ratio Lower Upper  
84 100  
86 59.0 45.4 84.4  
49 129.2 78.3 145.3



#39  
cis-1,3-Dichloropropene  
Concen: 0.797 ug/L  
RT: 7.565 min Scan# 1936  
Delta R.T. -0.042 min  
Lab File: VU051173.D  
Acq: 06 Oct 2022 15:45

Tgt Ion: 75 Resp: 4149  
Ion Ratio Lower Upper  
75 100  
77 48.3 22.0 41.0#





#42

Toluene

Concen: 1.436 ug/L

RT: 7.970 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU051173.D

Acq: 06 Oct 2022 15:45

Instrument :

MSVOA\_U

ClientSampleId :

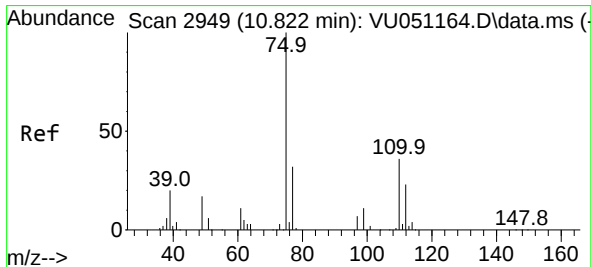
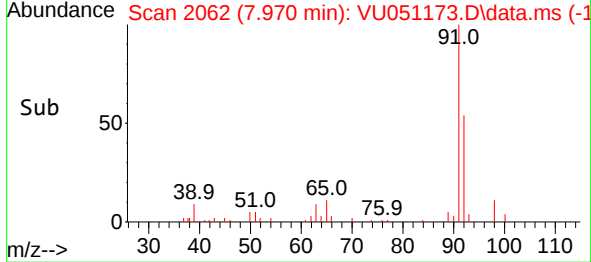
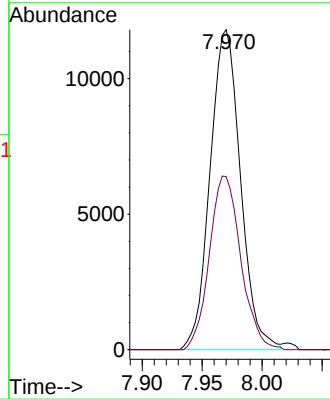
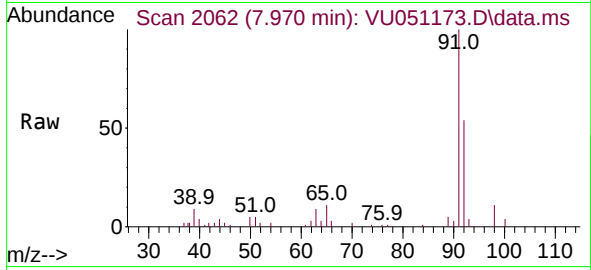
EW831

Tgt Ion: 91 Resp: 20847

Ion Ratio Lower Upper

91 100

92 54.1 40.1 74.5



#60

1,2,3-Trichloropropane

Concen: 5.000 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.987 min

Lab File: VU051173.D

Acq: 06 Oct 2022 15:45

Tgt Ion: 75 Resp: 20153

Ion Ratio Lower Upper

75 100

77 31.3 26.1 39.1

110 1.0 30.0 45.0#

