

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU090622\  
 Data File : VU050647.D  
 Acq On : 06 Sep 2022 20:29  
 Operator : SY/MD  
 Sample : N4482-10  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EW366

Quant Time: Sep 07 01:42:43 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM090222WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Sep 07 01:37:50 2022  
 Response via : Initial Calibration

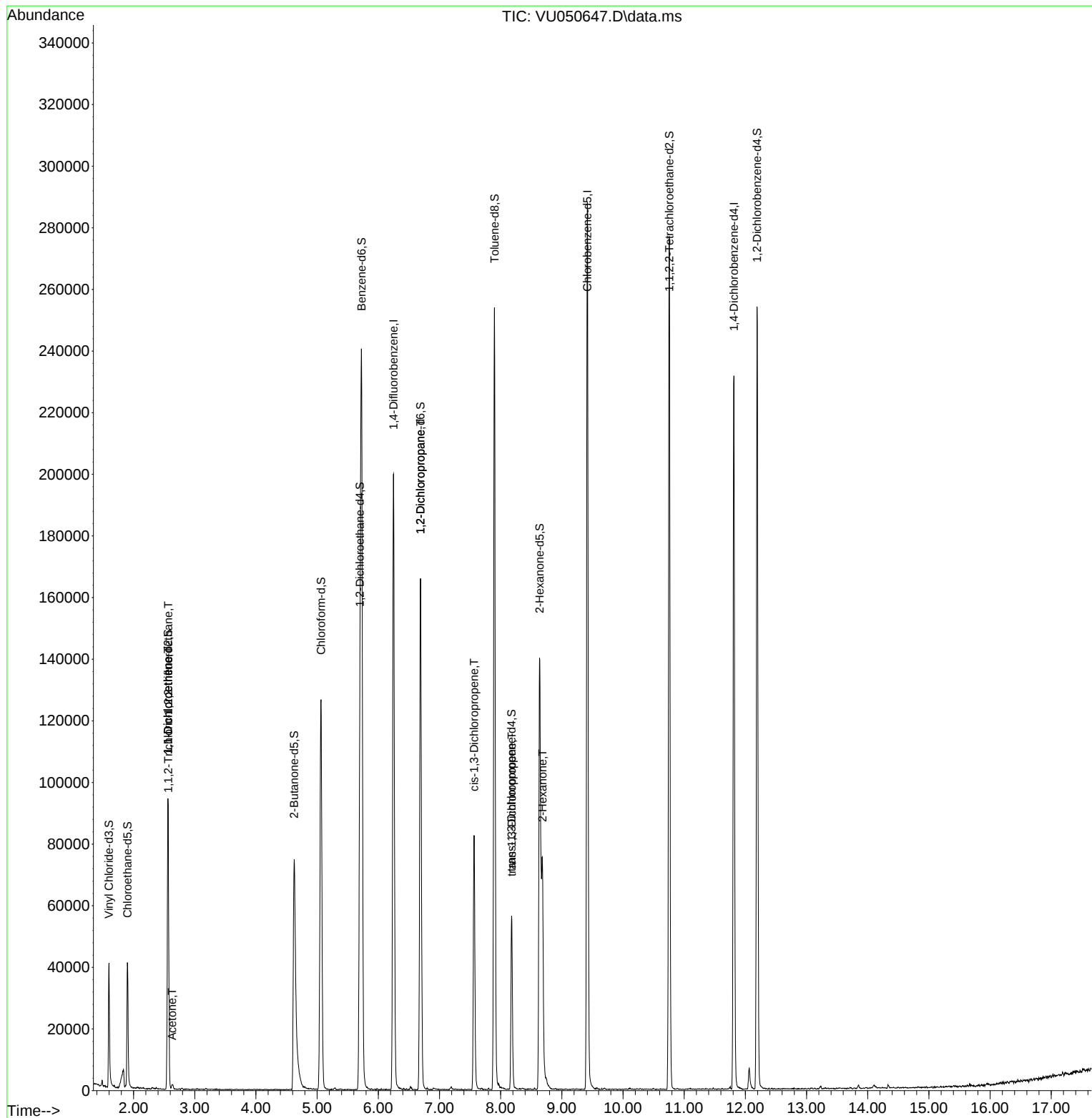
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.250          | 114  | 166785     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417          | 117  | 168568     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812         | 152  | 63278      | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597          | 65   | 32899      | 23.062   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 46.120%# |        |          |
| 7) Chloroethane-d5            | 1.900          | 69   | 31724      | 32.886   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 65.780%# |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.562          | 63   | 55819      | 22.143   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 44.280%# |        |          |
| 21) 2-Butanone-d5             | 4.623          | 46   | 110677     | 106.044  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 106.040% |        |          |
| 24) Chloroform-d              | 5.063          | 84   | 124024     | 45.872   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 91.740%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.700          | 65   | 87482      | 52.950   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 105.900% |        |          |
| 32) Benzene-d6                | 5.726          | 84   | 223768     | 40.169   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 80.340%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.690          | 67   | 80763      | 44.158   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 88.320%  |        |          |
| 41) Toluene-d8                | 7.899          | 98   | 176147     | 36.976   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 73.960%# |        |          |
| 43) trans-1,3-Dichloroprop... | 8.179          | 79   | 33820      | 44.691   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 89.380%  |        |          |
| 47) 2-Hexanone-d5             | 8.636          | 63   | 39982      | 86.908   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 86.910%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.755         | 84   | 137992     | 49.858   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 99.720%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.192         | 152  | 69486      | 46.909   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 93.820%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.568          | 101  | 456        | 0.350    | ug/L # | 21       |
| 12) 1,1-Dichloroethene        | 2.562          | 96   | 477        | 0.377    | ug/L # | 1        |
| 13) Acetone                   | 2.630          | 43   | 2119       | 2.691    | ug/L   | 69       |
| 37) 1,2-Dichloropropane       | 6.690          | 63   | 8617       | 5.318    | ug/L # | 89       |
| 39) cis-1,3-Dichloropropene   | 7.565          | 75   | 2102       | 0.958    | ug/L # | 66       |
| 44) trans-1,3-Dichloropropene | 8.182          | 75   | 1554       | 0.755    | ug/L # | 75       |
| 48) 2-Hexanone                | 8.684          | 43   | 37065      | 17.986   | ug/L   | 89       |
| -----                         |                |      |            |          |        |          |

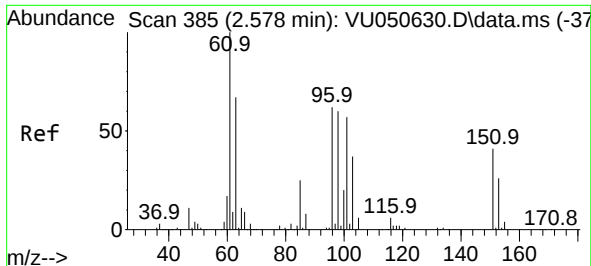
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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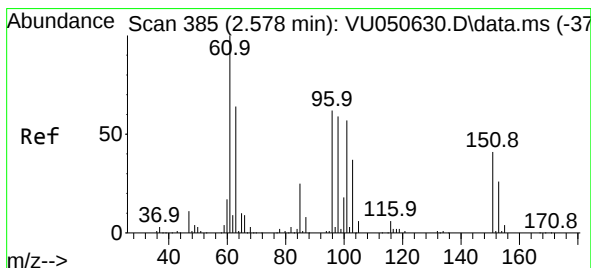
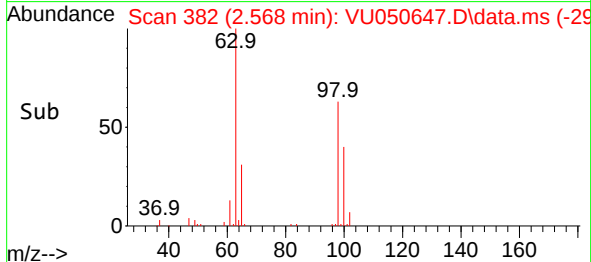
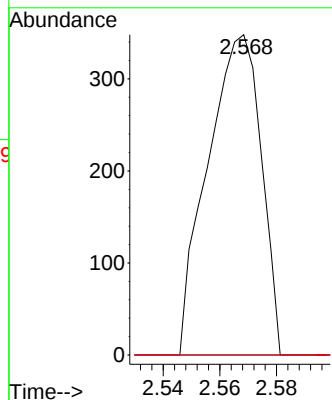
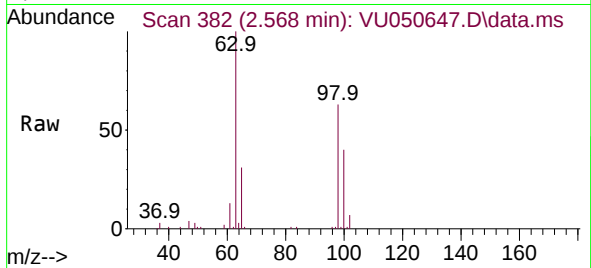




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 0.350 ug/L  
 RT: 2.568 min Scan# 31  
 Delta R.T. -0.009 min  
 Lab File: VU050647.D  
 Acq: 06 Sep 2022 20:29

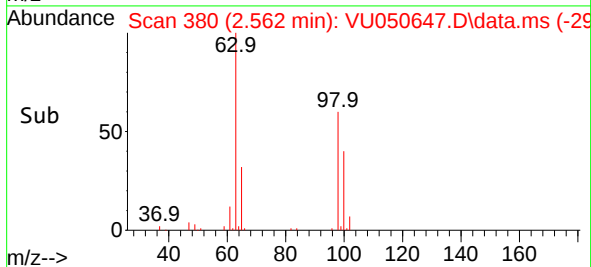
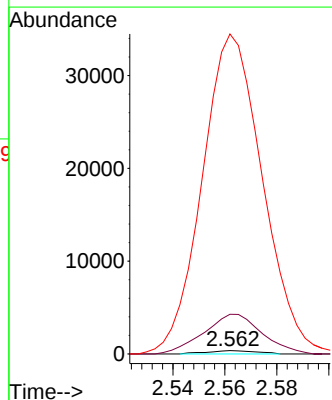
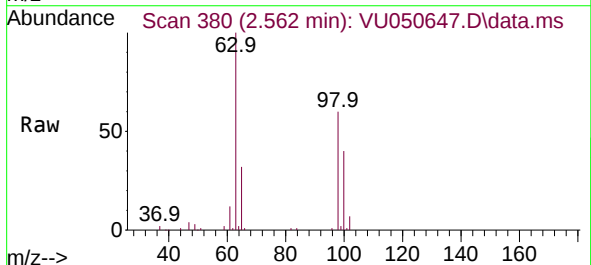
Instrument :  
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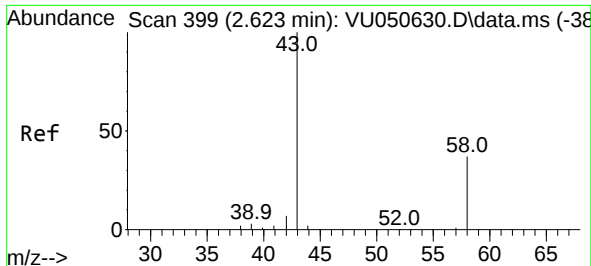
Tgt Ion:101 Resp: 456  
 Ion Ratio Lower Upper  
 101 100  
 85 0.0 34.4 51.6#  
 151 0.0 57.7 86.5#



#12  
 1,1-Dichloroethene  
 Concen: 0.377 ug/L  
 RT: 2.562 min Scan# 380  
 Delta R.T. -0.016 min  
 Lab File: VU050647.D  
 Acq: 06 Sep 2022 20:29

Tgt Ion: 96 Resp: 477  
 Ion Ratio Lower Upper  
 96 100  
 61 1180.1 118.0 219.1#  
 63 9527.1 79.5 147.7#





#13

Acetone

Concen: 2.691 ug/L

RT: 2.630 min Scan# 401

Delta R.T. 0.007 min

Lab File: VU050647.D

Acq: 06 Sep 2022 20:29

Instrument :

MSVOA\_U

ClientSampleId :

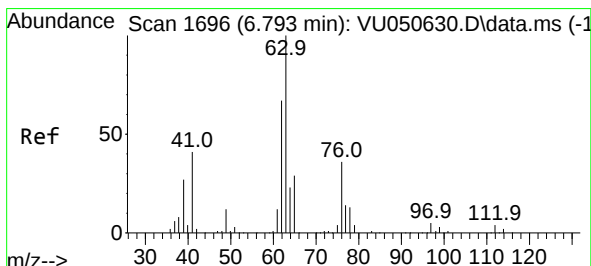
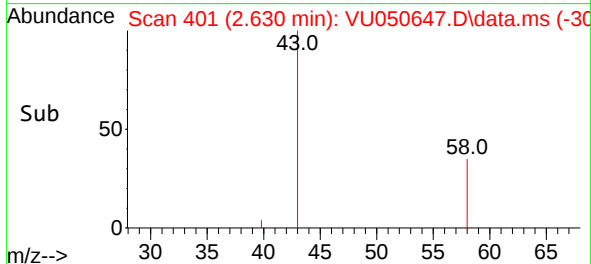
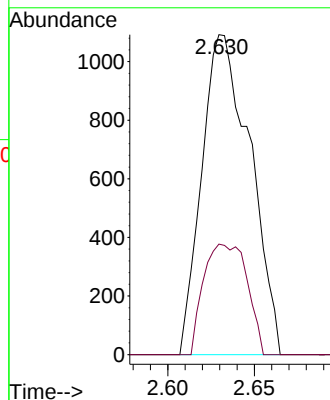
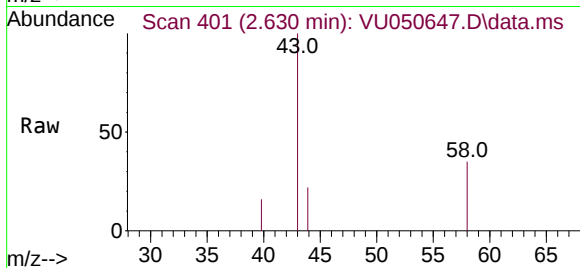
EW366

Tgt Ion: 43 Resp: 2119

Ion Ratio Lower Upper

43 100

58 19.6 0.0 76.2



#37

1,2-Dichloropropane

Concen: 5.318 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.103 min

Lab File: VU050647.D

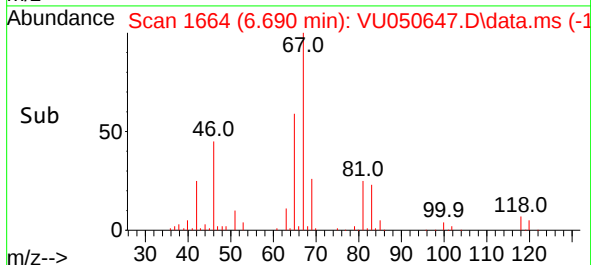
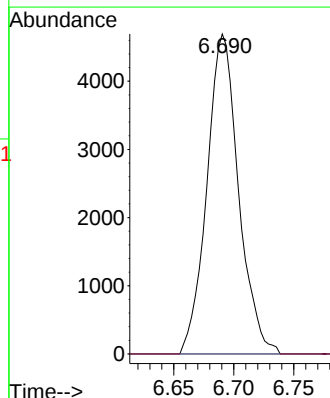
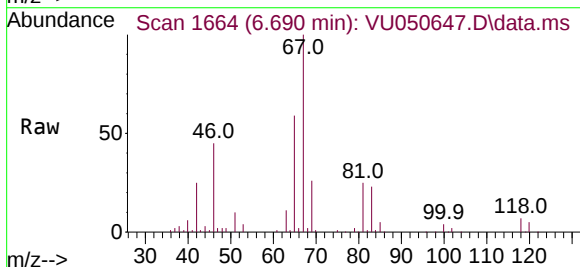
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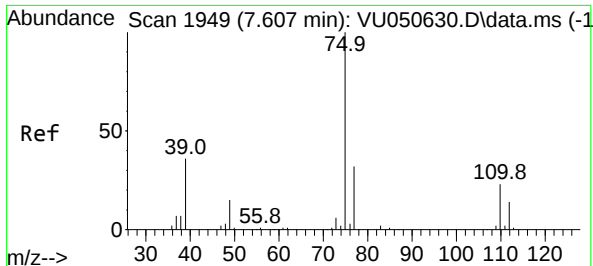
Tgt Ion: 63 Resp: 8617

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#





#39

cis-1,3-Dichloropropene

Concen: 0.958 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU050647.D

Acq: 06 Sep 2022 20:29

Instrument :

MSVOA\_U

ClientSampleId :

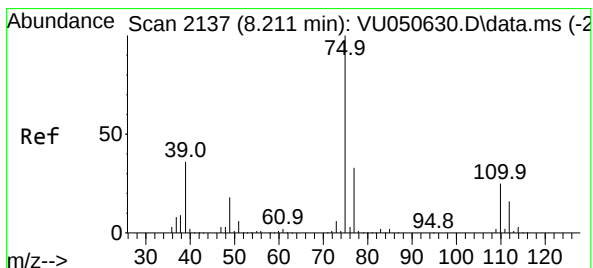
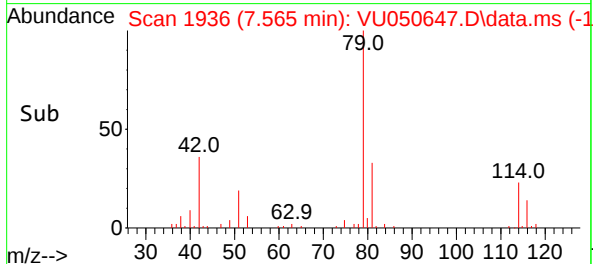
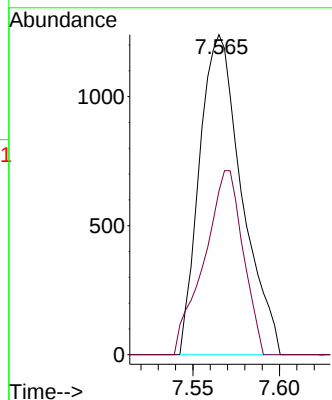
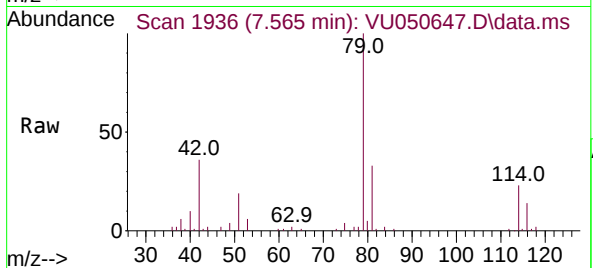
EW366

Tgt Ion: 75 Resp: 2102

Ion Ratio Lower Upper

75 100

77 51.1 22.5 41.7#



#44

trans-1,3-Dichloropropene

Concen: 0.755 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.029 min

Lab File: VU050647.D

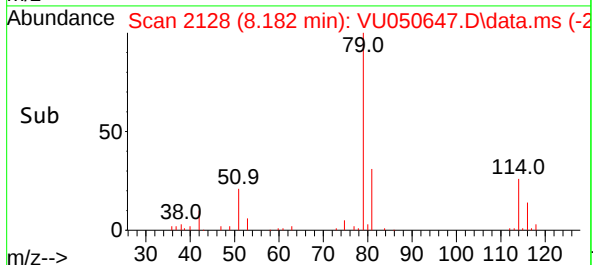
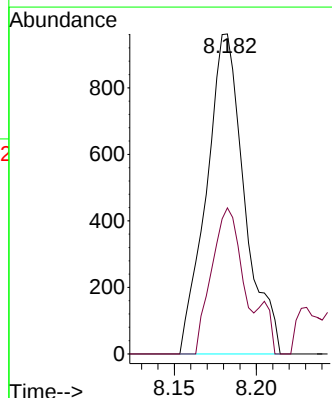
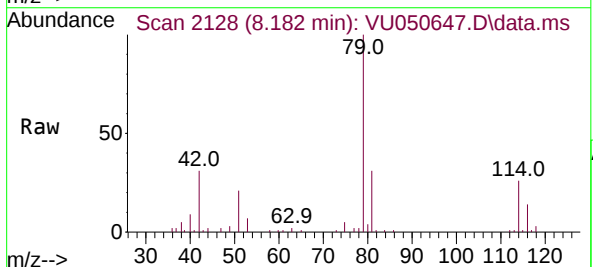
Acq: 06 Sep 2022 20:29

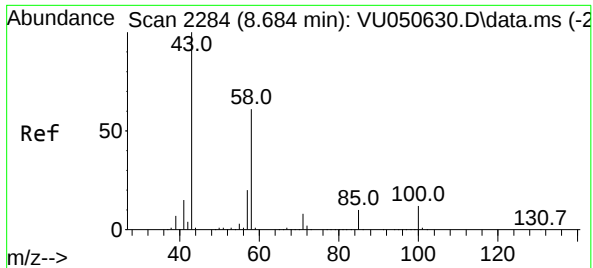
Tgt Ion: 75 Resp: 1554

Ion Ratio Lower Upper

75 100

77 45.6 22.1 41.1#





#48  
 2-Hexanone  
 Concen: 17.986 ug/L  
 RT: 8.684 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VU050647.D  
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|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 37065 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 52.4     | 51.8 77.6   |
| 57 22.0     | 17.0 25.4   |
| 100 10.8    | 9.8 14.8    |

