

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 :

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

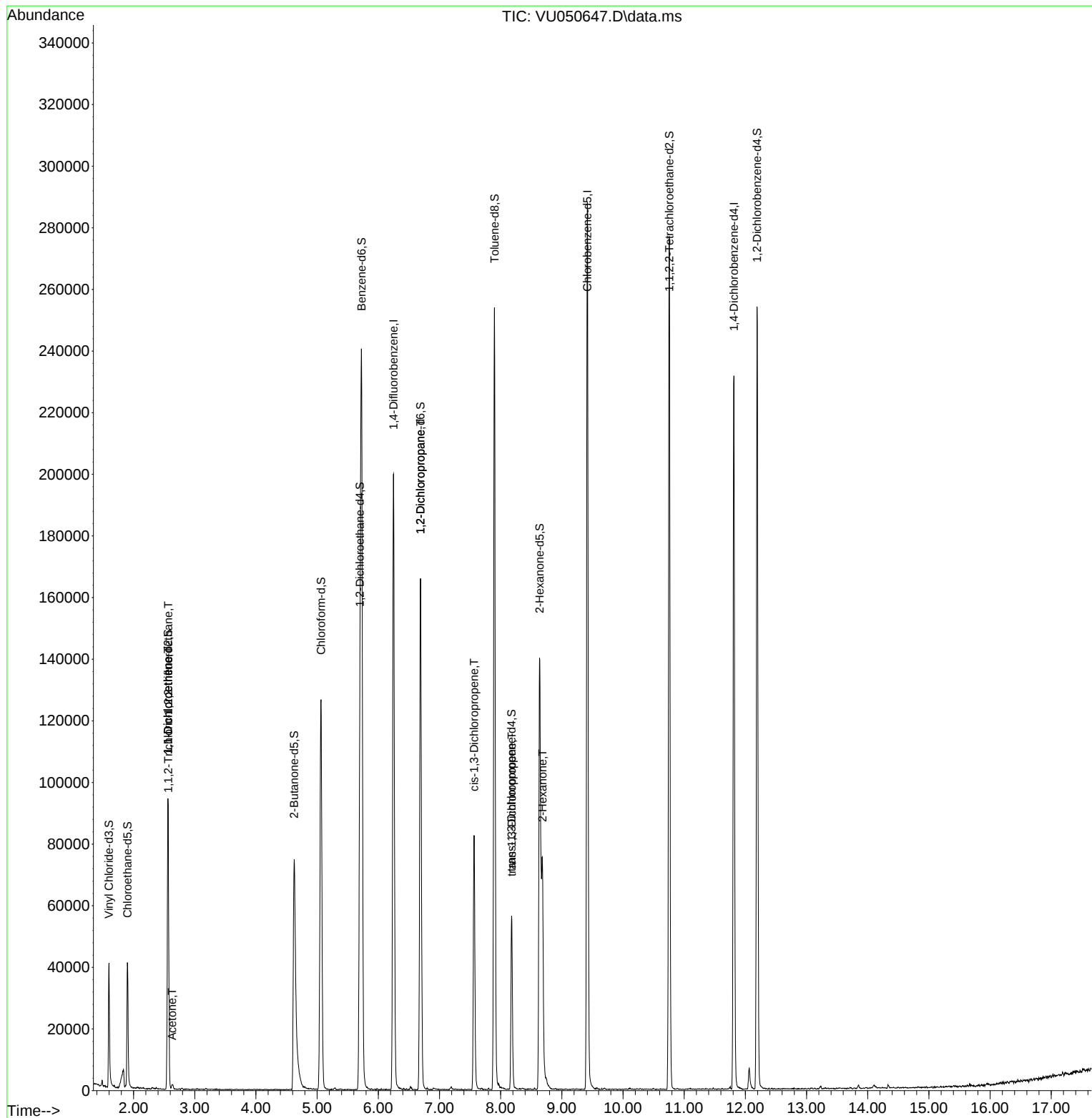
| Compound                      | R.T.    | QIon           | Response | Conc    | Units    | Dev(Min) |
|-------------------------------|---------|----------------|----------|---------|----------|----------|
| -----                         |         |                |          |         |          |          |
| 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       |
| -----                         |         |                |          |         |          |          |

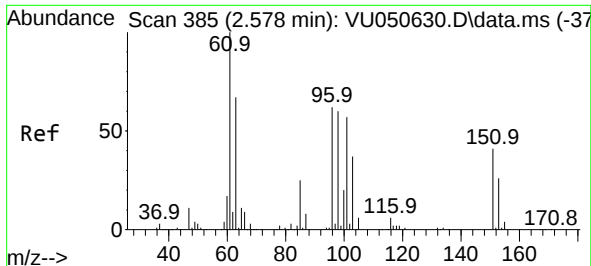
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Wed Sep 07 01:37:50 2022  
Response via : Initial Calibration





#10

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

Concen: 0.350 ug/L

RT: 2.568 min Scan# 385

Delta R.T. -0.009 min

Lab File: VU050647.D

Acq: 06 Sep 2022 20:29

Instrument :

MSVOA\_U

ClientSampleId :

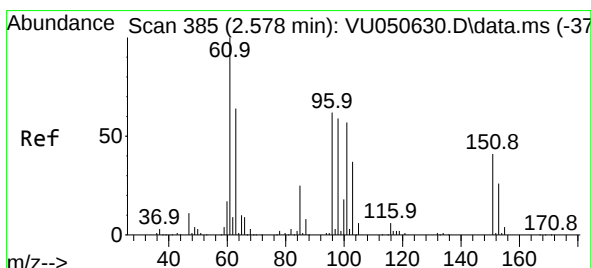
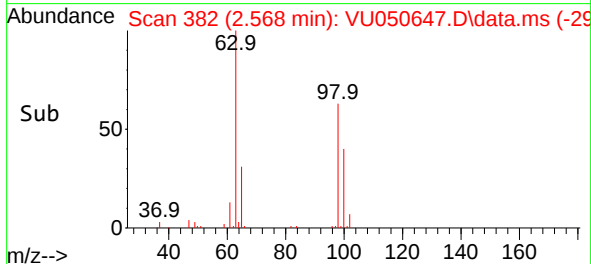
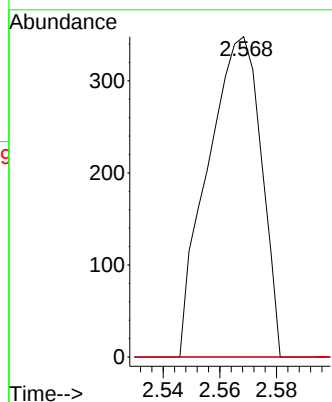
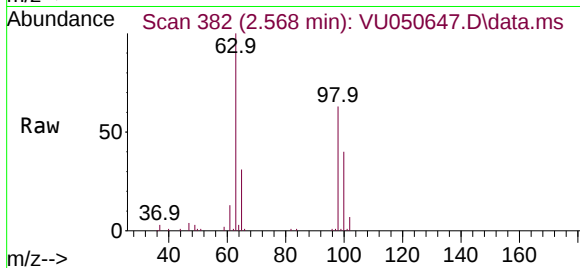
Tgt Ion:101 Resp: 456

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

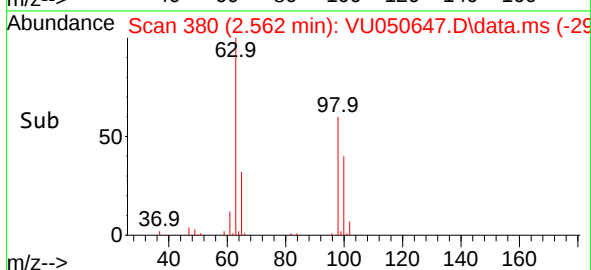
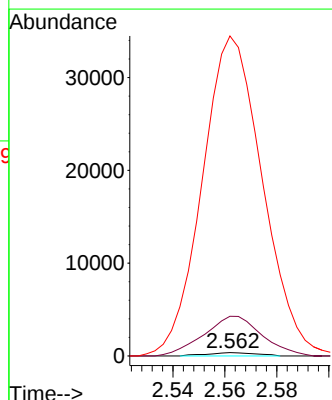
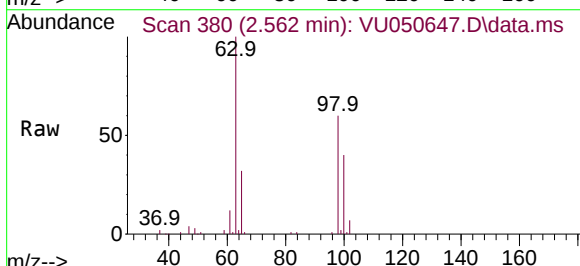
Tgt Ion: 96 Resp: 477

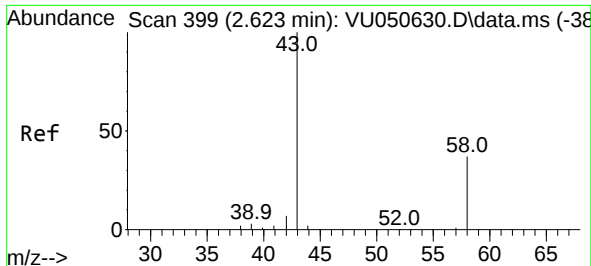
Ion Ratio Lower Upper

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

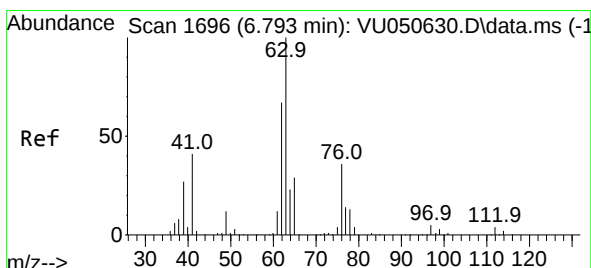
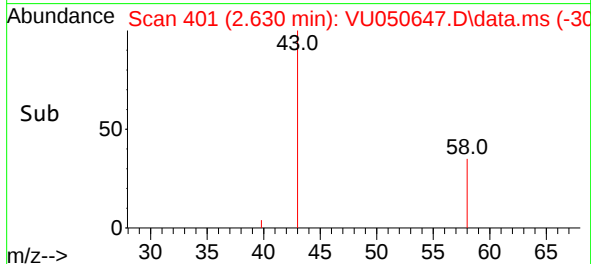
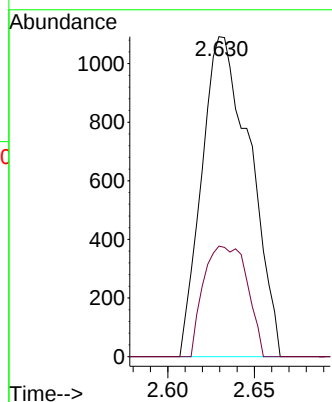
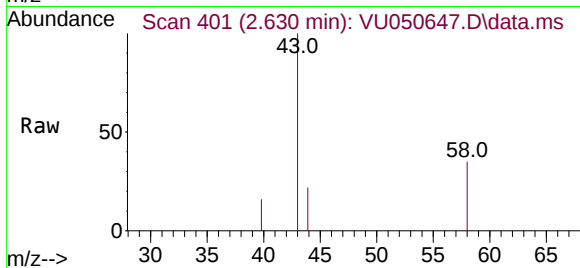
ClientSampleId :

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

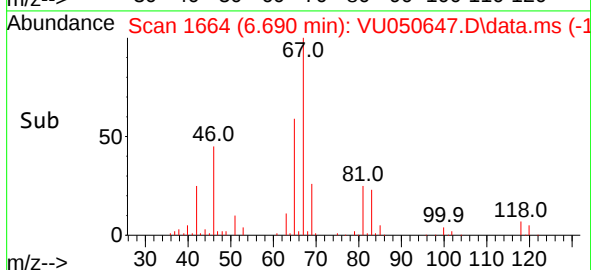
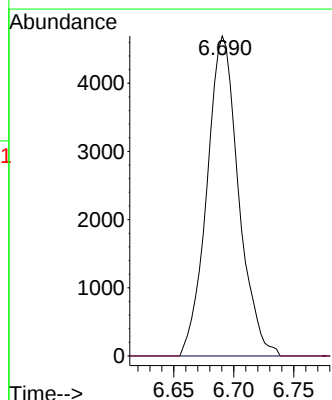
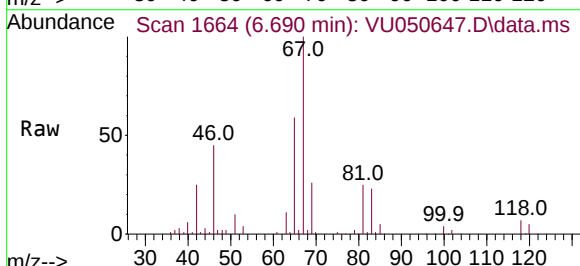
Acq: 06 Sep 2022 20:29

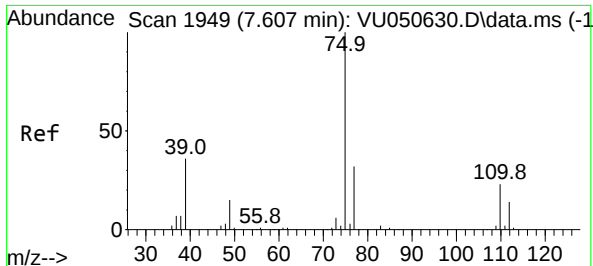
Tgt Ion: 63 Resp: 8617

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

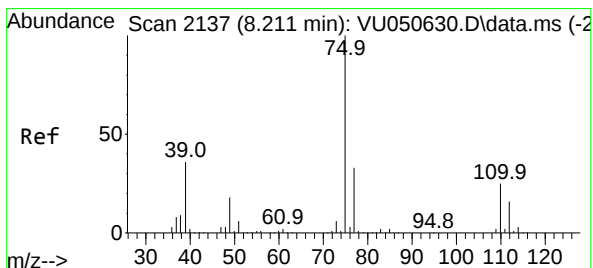
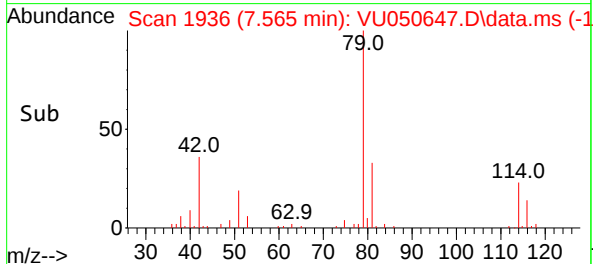
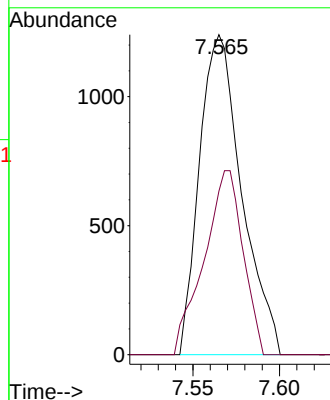
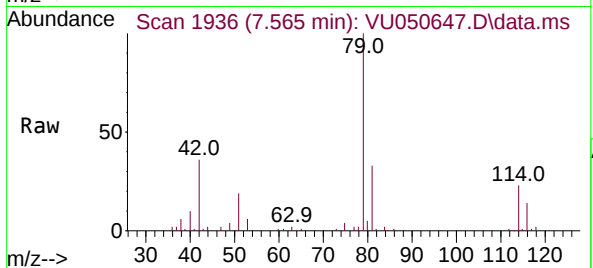
ClientSampleId :

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

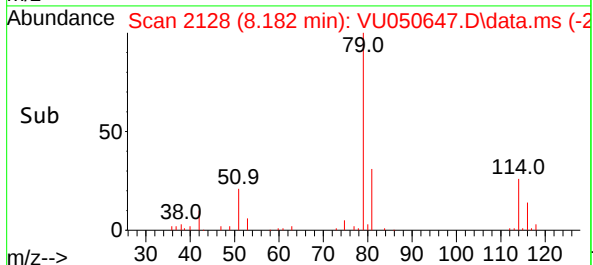
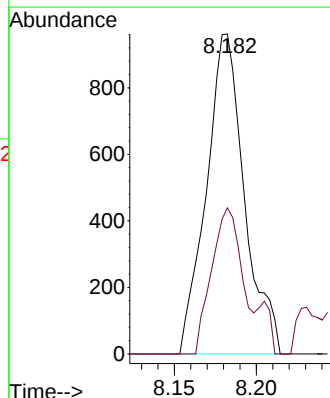
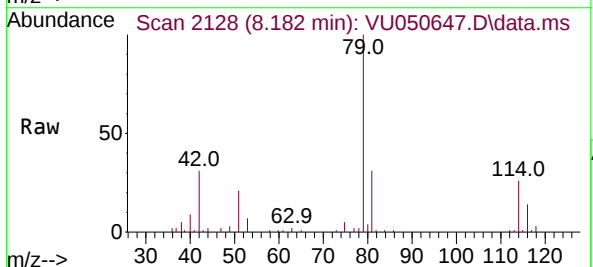
Acq: 06 Sep 2022 20:29

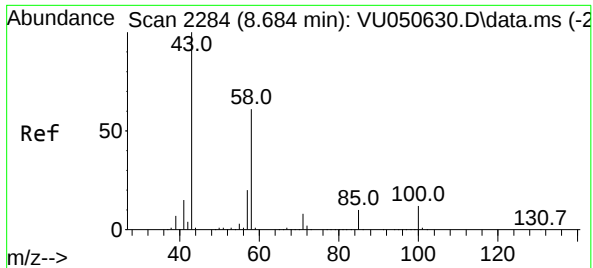
Tgt Ion: 75 Resp: 1554

Ion Ratio Lower Upper

75 100

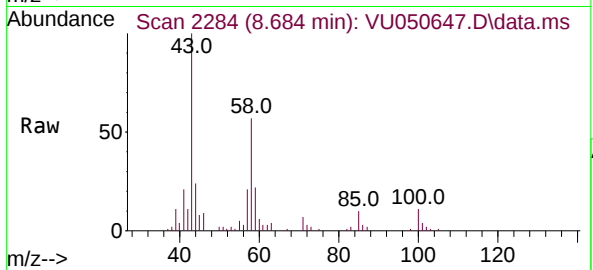
77 45.6 22.1 41.1#





#48  
 2-Hexanone  
 Concen: 17.986 ug/L  
 RT: 8.684 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VU050647.D  
 Acq: 06 Sep 2022 20:29

Instrument :  
 MSVOA\_U  
 ClientSampleId :



|             |       |       |       |
|-------------|-------|-------|-------|
| 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  |

