

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060820\  
 Data File : VV016685.D  
 Acq On : 09 Jun 2020 01:44  
 Operator : SY/MD  
 Sample : L2895-01  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 ETW41

Quant Time: Jun 09 03:34:35 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM060820WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jun 09 03:29:34 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 336600   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 319049   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 144305   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 105684   | 44.50    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 89.00%  |
| 7) Chloroethane-d5             | 1.56    | 69    | 74428    | 52.22    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 104.44% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 144609   | 36.26    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 72.52%  |
| 21) 2-Butanone-d5              | 3.90    | 46    | 181458   | 103.22   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 103.22% |
| 24) Chloroform-d               | 4.37    | 84    | 230263   | 47.68    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.36%  |
| 26) 1,2-Dichloroethane-d4      | 5.05    | 65    | 165953   | 50.52    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 101.04% |
| 32) Benzene-d6                 | 5.07    | 84    | 457800   | 49.78    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 99.56%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 143458   | 50.04    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 100.08% |
| 41) Toluene-d8                 | 7.34    | 98    | 407285   | 48.26    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 96.52%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 66629    | 44.62    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 89.24%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 120596   | 96.49    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 96.49%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 188400   | 49.64    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 99.28%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 164605   | 53.45    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 106.90% |

## Target Compounds

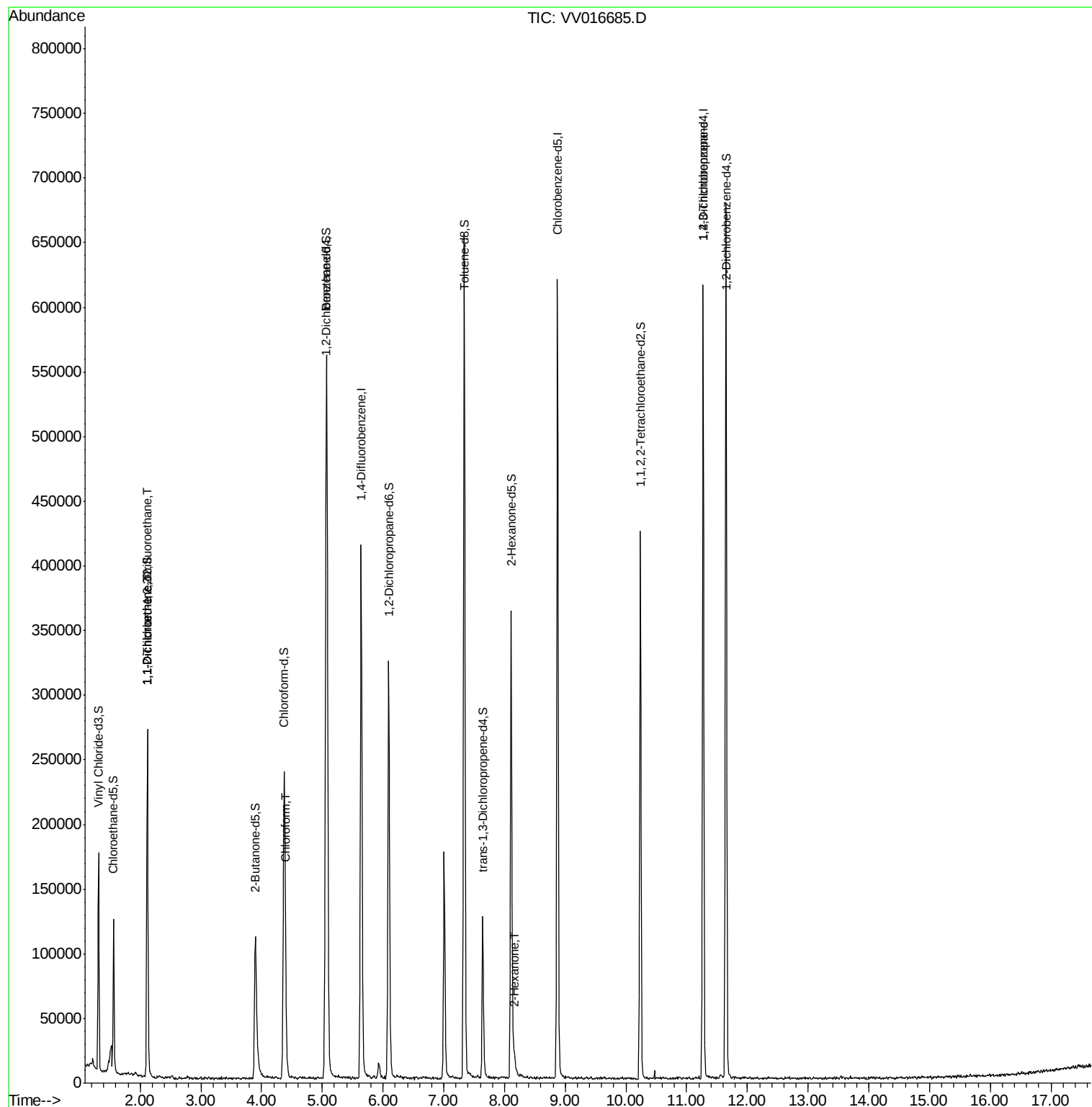
|                                |       |     |       |              | Ovalue |
|--------------------------------|-------|-----|-------|--------------|--------|
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.12  | 101 | 1260  | 0.704 ug/L # | 19     |
| 12) 1,1-Dichloroethene         | 2.12  | 96  | 1293  | 0.774 ug/L # | 1      |
| 25) Chloroform                 | 4.40  | 83  | 15147 | 3.437 ug/L   | 98     |
| 48) 2-Hexanone                 | 8.17  | 43  | 6911  | 2.562 ug/L # | 90     |
| 59) 1,2,3-Trichloropropane     | 11.27 | 75  | 17961 | 5.897 ug/L   | 90     |

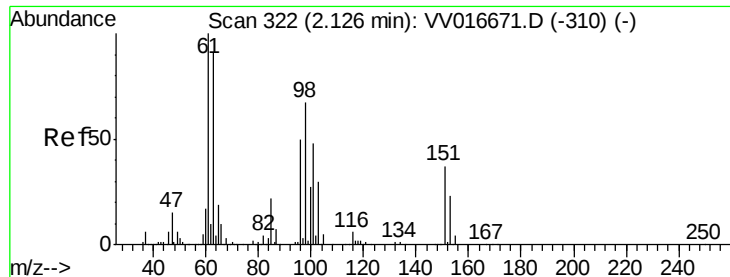
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Tue Jun 09 03:29:34 2020  
Response via : Initial Calibration





#10

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

Concen: 0.704 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016685.D

Acq: 09 Jun 2020 01:44

Instrument :

MSVOA\_V

ClientSampleId :

ETW41

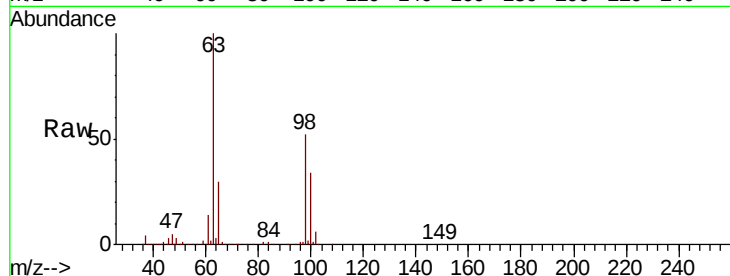
Tot Ion:101 Resp: 1260

Ion Ratio Lower Upper

101 100

85 3.4 35.5 53.3#

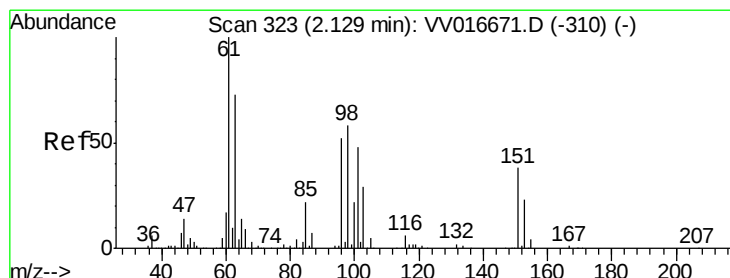
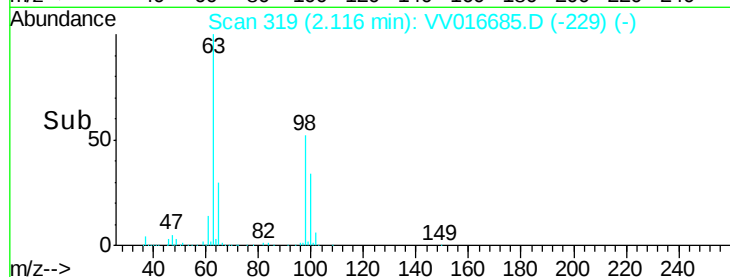
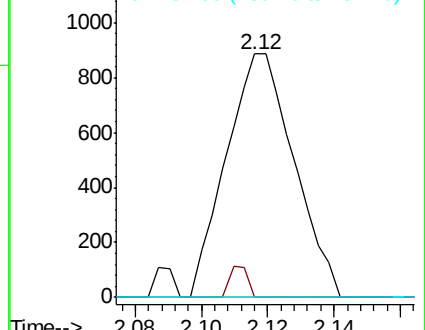
151 0.0 63.9 95.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.774 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016685.D

Acq: 09 Jun 2020 01:44

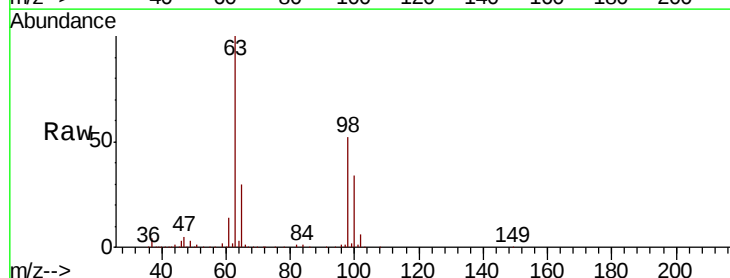
Tgt Ion: 96 Resp: 1293

Ion Ratio Lower Upper

96 100

61 1661.9 130.4 242.2#

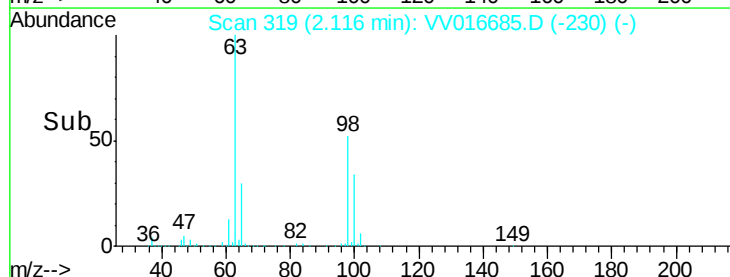
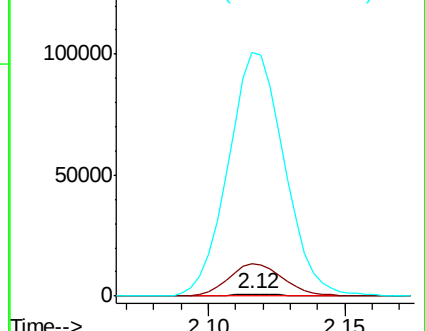
63 12307.1 103.3 191.9#

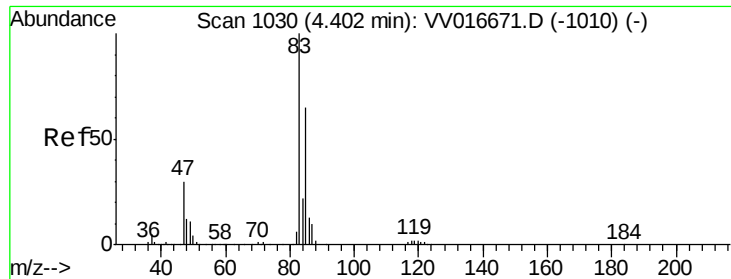


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#25

Chloroform

Concen: 3.437 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VV016685.D

Acq: 09 Jun 2020 01:44

Instrument :

MSVOA\_V

ClientSampleId :

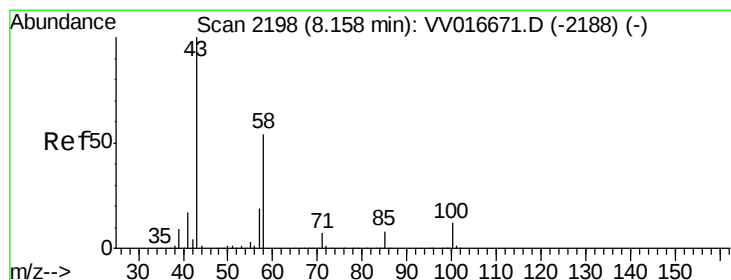
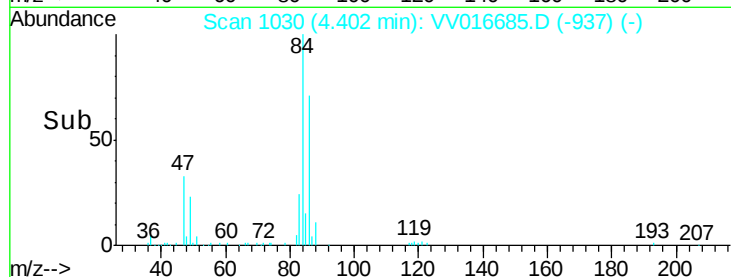
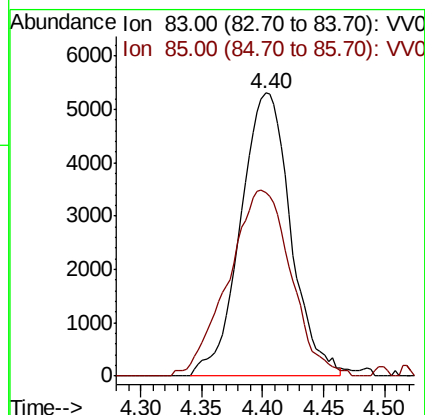
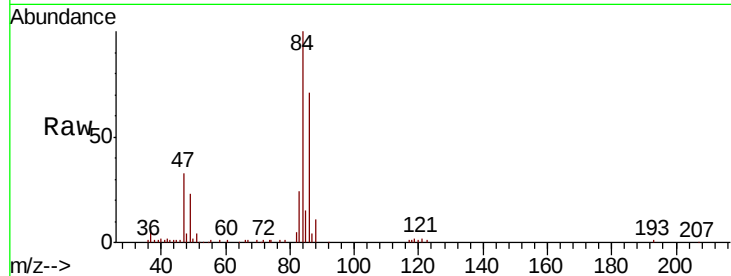
ETW41

Tot Ion: 83 Resp: 15147

Ion Ratio Lower Upper

83 100

85 64.8 44.1 81.9



#48

2-Hexanone

Concen: 2.562 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV016685.D

Acq: 09 Jun 2020 01:44

Tgt Ion: 43 Resp: 6911

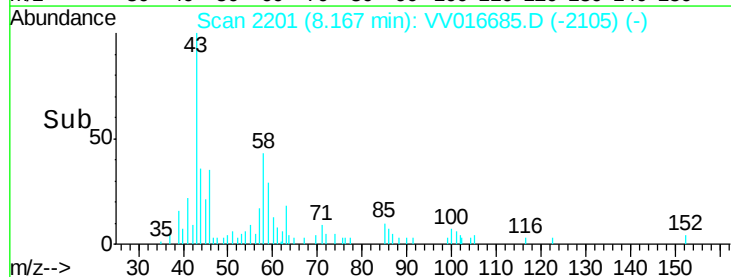
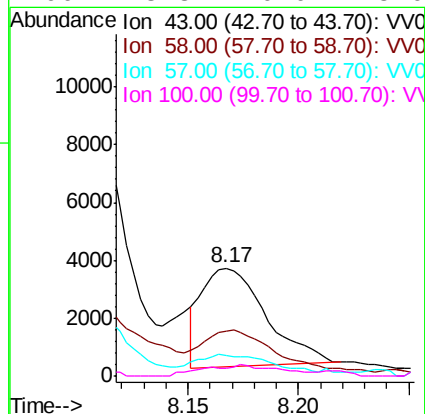
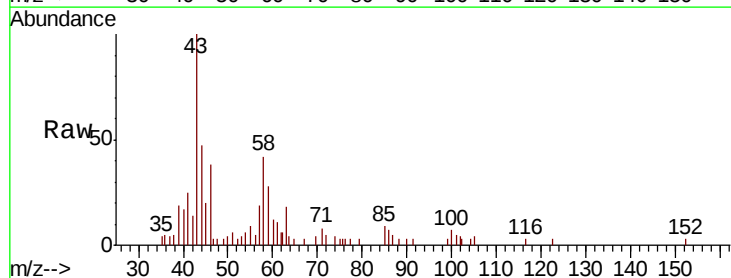
Ion Ratio Lower Upper

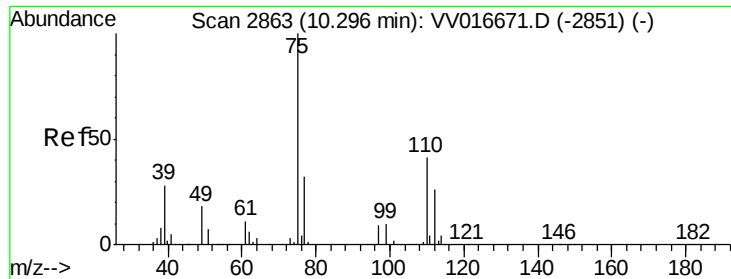
43 100

58 50.2 43.1 64.7

57 7.9 15.3 22.9#

100 8.3 10.0 15.0#





#59

1,2,3-Trichloropropane

Concen: 5.897 ug/L

RT: 11.27 min Scan# 3167

Delta R.T. 0.98 min

Lab File: VV016685.D

Acq: 09 Jun 2020 01:44

Instrument :

MSVOA\_V

ClientSampleId :

ETW41

Tot Ion: 75 Resp: 17961

Ion Ratio Lower Upper

75 100

77 38.1 26.1 39.1

