

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU072420\  
 Data File : VU039671.D  
 Acq On : 24 Jul 2020 18:01  
 Operator : SY/MD  
 Sample : L3422-04  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F4C73

Quant Time: Jul 25 07:36:20 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM072320WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Jul 25 06:47:25 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.27  | 114  | 206181   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 201688   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 94204    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.61    | 65    | 51450    | 38.33    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 76.66% |
| 7) Chloroethane-d5             | 1.92    | 69    | 60504    | 37.61    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 75.22% |
| 11) 1,1-Dichloroethene-d2      | 2.58    | 63    | 102327   | 36.01    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 72.02% |
| 21) 2-Butanone-d5              | 4.65    | 46    | 138454   | 89.35    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 89.35% |
| 24) Chloroform-d               | 5.09    | 84    | 126267   | 41.83    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 83.66% |
| 26) 1,2-Dichloroethane-d4      | 5.72    | 65    | 92996    | 43.11    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 86.22% |
| 32) Benzene-d6                 | 5.75    | 84    | 238764   | 42.64    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 85.28% |
| 36) 1,2-Dichloropropane-d6     | 6.70    | 67    | 80990    | 44.10    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 88.20% |
| 41) Toluene-d8                 | 7.91    | 98    | 217769   | 41.32    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 82.64% |
| 43) trans-1,3-Dichloropropene- | 8.19    | 79    | 37054    | 39.97    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 79.94% |
| 47) 2-Hexanone-d5              | 8.64    | 63    | 84911    | 84.76    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 84.76% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.76   | 84    | 121009   | 41.61    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 83.22% |
| 64) 1,2-Dichlorobenzene-d4     | 12.19   | 152   | 89251    | 43.33    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 86.66% |

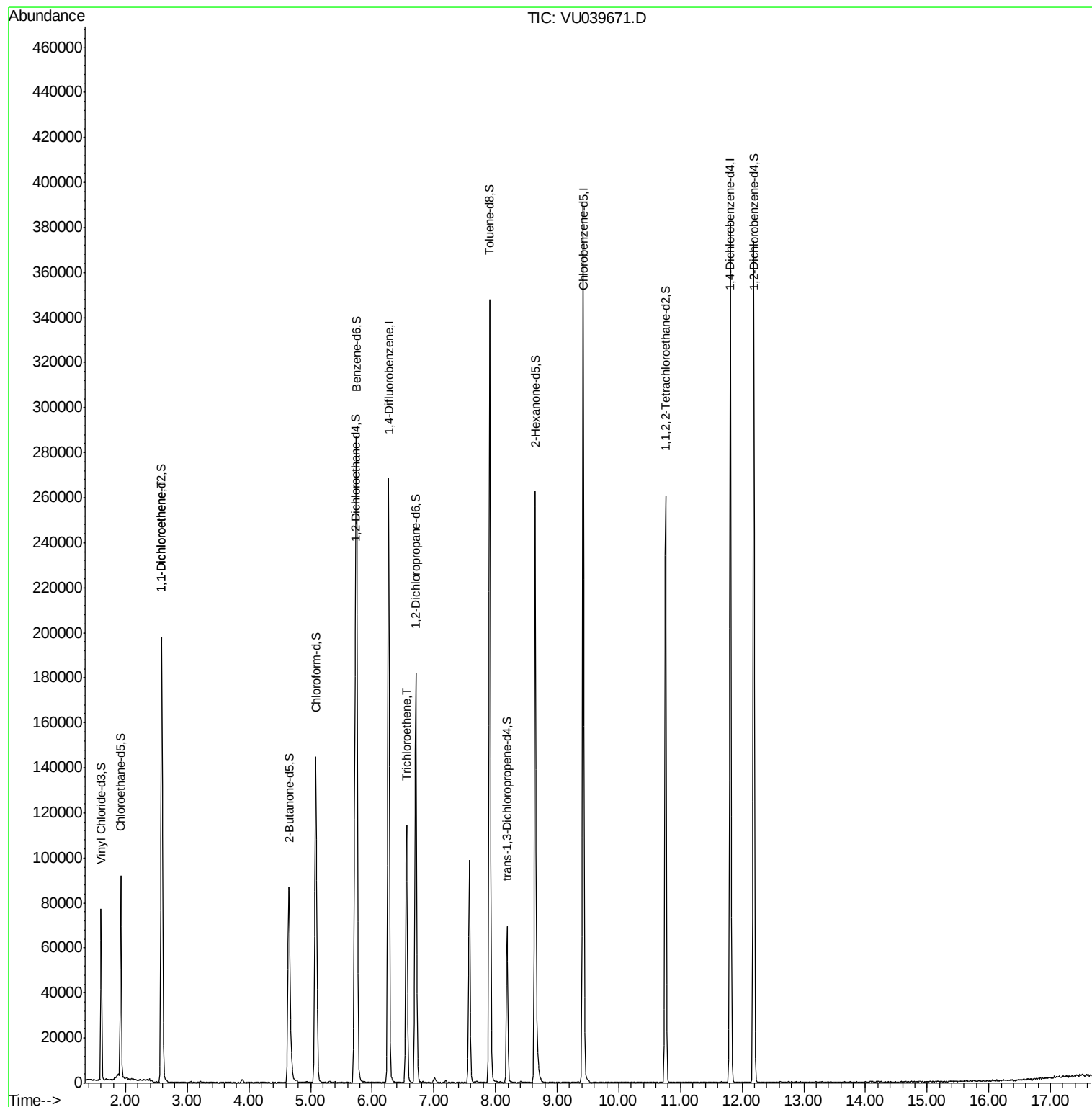
| Target Compounds       |      |    |       |               | Qvalue |
|------------------------|------|----|-------|---------------|--------|
| 12) 1,1-Dichloroethene | 2.59 | 96 | 24469 | 20.804 ug/L # | 59     |
| 34) Trichloroethene    | 6.56 | 95 | 36527 | 24.844 ug/L   | 94     |

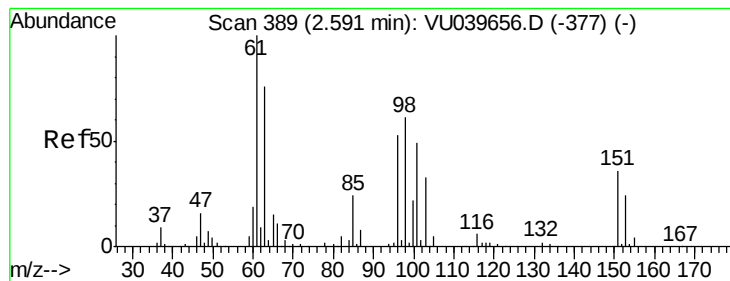
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 25 06:47:25 2020  
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 20.804 ug/L

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU039671.D

Acq: 24 Jul 2020 18:01

Instrument :

MSVOA\_U

ClientSampleId :

F4C73

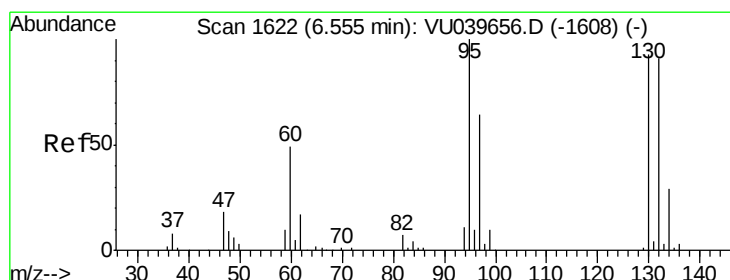
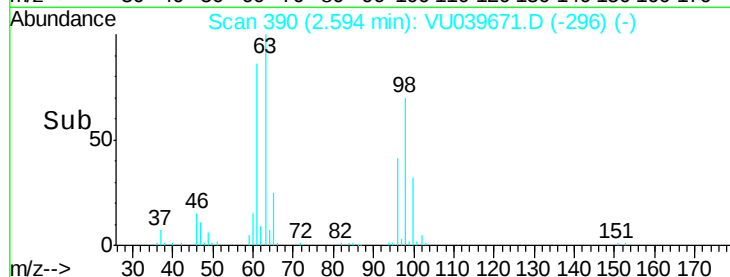
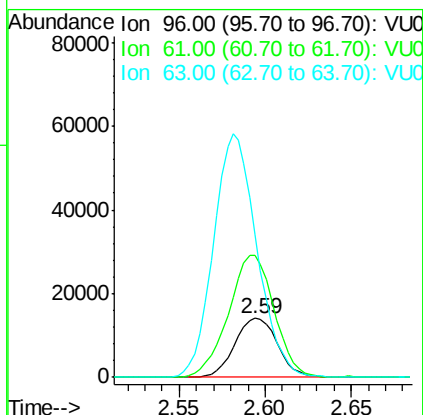
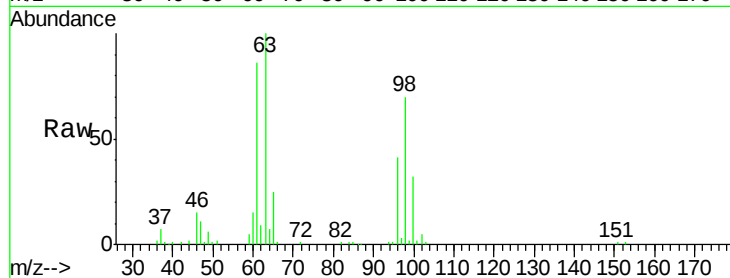
Tgt Ion: 96 Resp: 24469

Ion Ratio Lower Upper

96 100

61 208.4 136.6 253.6

63 242.0 97.2 180.6#



#34

Trichloroethene

Concen: 24.844 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU039671.D

Acq: 24 Jul 2020 18:01

Tgt Ion: 95 Resp: 36527

Ion Ratio Lower Upper

95 100

97 60.0 45.5 84.5

132 87.2 65.0 120.6

130 90.4 67.9 126.1

