

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040320\  
 Data File : VU037575.D  
 Acq On : 03 Apr 2020 18:39  
 Operator : JC/MD  
 Sample : L2158-04 50X  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0EZ5

Quant Time: Apr 04 06:33:45 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM040320WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Apr 04 05:18:00 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 171907   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 162672   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 76962    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.61    | 65    | 63128    | 45.22    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 90.44% |
| 7) Chloroethane-d5             | 1.93    | 69    | 49008    | 43.69    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 87.38% |
| 11) 1,1-Dichloroethene-d2      | 2.59    | 63    | 84104    | 35.84    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 71.68% |
| 21) 2-Butanone-d5              | 4.67    | 46    | 101197   | 96.44    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 96.44% |
| 24) Chloroform-d               | 5.11    | 84    | 104942   | 44.61    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 89.22% |
| 26) 1,2-Dichloroethane-d4      | 5.74    | 65    | 71041    | 45.49    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 90.98% |
| 32) Benzene-d6                 | 5.76    | 84    | 220075   | 46.69    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.38% |
| 36) 1,2-Dichloropropane-d6     | 6.72    | 67    | 72560    | 45.73    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 91.46% |
| 41) Toluene-d8                 | 7.92    | 98    | 199004   | 45.30    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 90.60% |
| 43) trans-1,3-Dichloropropene- | 8.20    | 79    | 38538    | 44.74    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 89.48% |
| 47) 2-Hexanone-d5              | 8.65    | 63    | 78825    | 93.77    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 93.77% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77   | 84    | 105446   | 46.49    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 92.98% |
| 64) 1,2-Dichlorobenzene-d4     | 12.20   | 152   | 72741    | 46.32    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 92.64% |

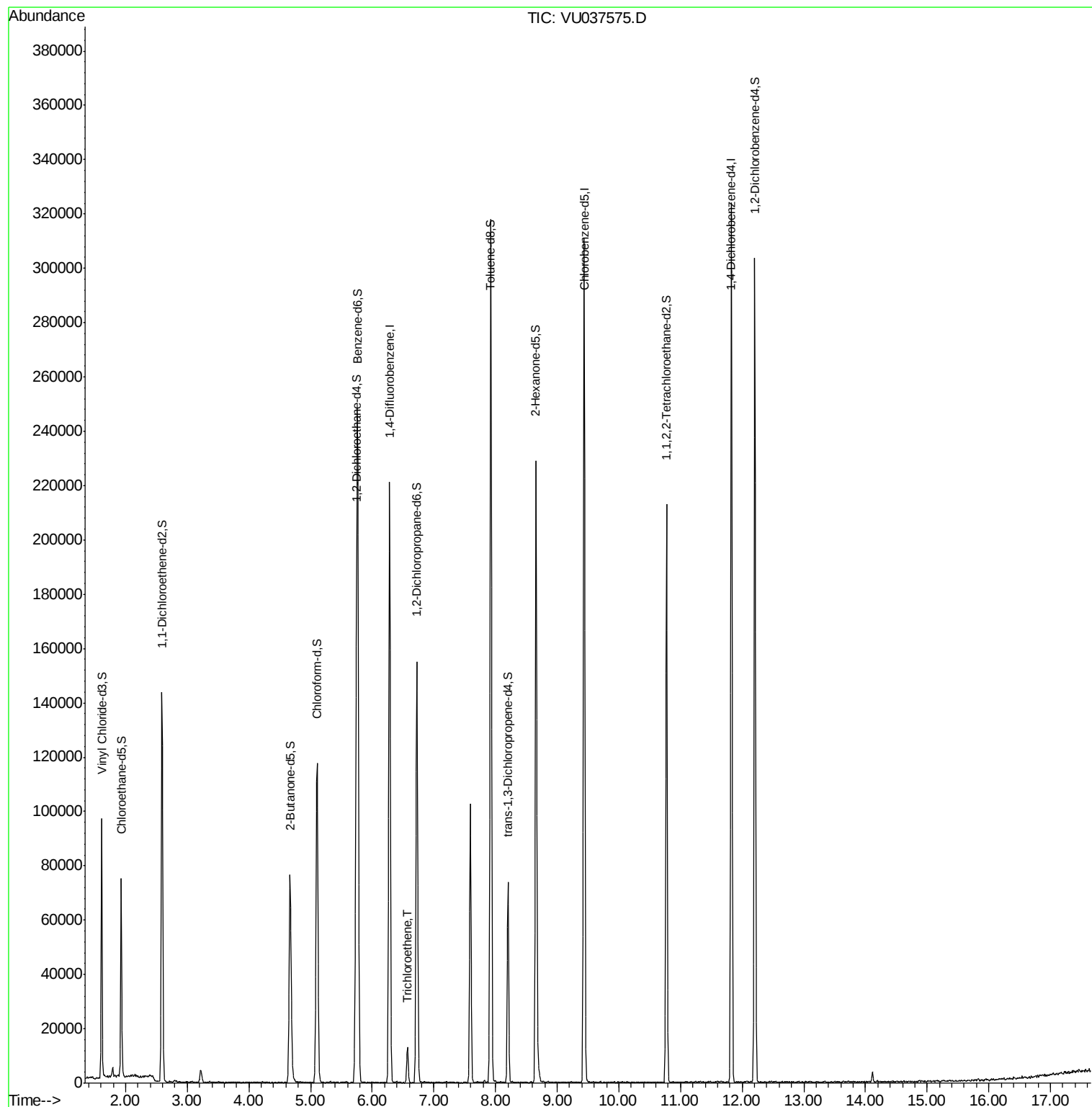
| Target Compounds    |      |    |      |            | Ovalue |
|---------------------|------|----|------|------------|--------|
| 34) Trichloroethene | 6.57 | 95 | 4042 | 3.627 ug/L | 92     |

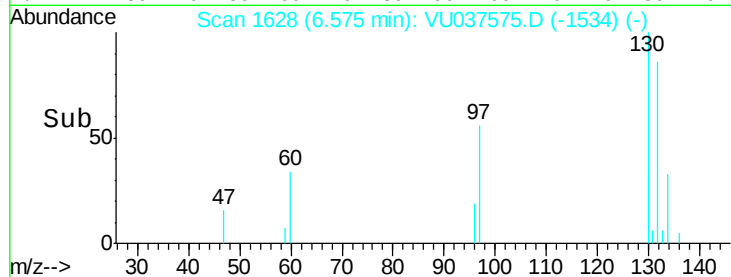
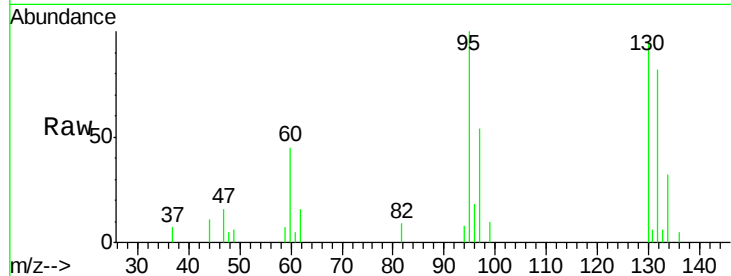
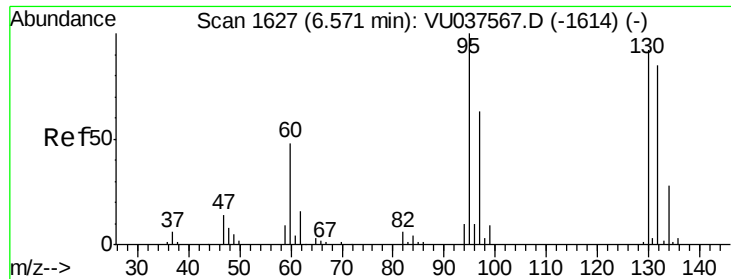
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 3.627 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU037575.D

Acq: 03 Apr 2020 18:39

Instrument :

MSVOA\_U

ClientSampleId :

C0EZ5

Tot Ion: 95 Resp: 4042

Ion Ratio Lower Upper

95 100

97 53.6 45.2 84.0

132 82.2 63.7 118.3

130 95.4 64.5 119.7

Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

