

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022620\  
 Data File : VU036914.D  
 Acq On : 26 Feb 2020 14:55  
 Operator : JC/MD  
 Sample : L1687-04 50X  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AS4

Quant Time: Feb 27 05:41:44 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM022420WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Feb 27 04:47:27 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 251945   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 234309   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 89474    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61    | 65    | 94945    | 44.88    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 89.76%  |
| 7) Chloroethane-d5             | 1.93    | 69    | 85308    | 48.73    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 97.46%  |
| 11) 1,1-Dichloroethene-d2      | 2.59    | 63    | 121802   | 34.38    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 68.76%  |
| 21) 2-Butanone-d5              | 4.67    | 46    | 157186   | 110.76   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 110.76% |
| 24) Chloroform-d               | 5.11    | 84    | 158338   | 49.01    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.02%  |
| 26) 1,2-Dichloroethane-d4      | 5.74    | 65    | 109495   | 50.08    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 100.16% |
| 32) Benzene-d6                 | 5.76    | 84    | 344607   | 50.86    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 101.72% |
| 36) 1,2-Dichloropropane-d6     | 6.73    | 67    | 114566   | 52.19    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 104.38% |
| 41) Toluene-d8                 | 7.93    | 98    | 311589   | 49.57    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 99.14%  |
| 43) trans-1,3-Dichloropropene- | 8.20    | 79    | 48922    | 47.96    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 95.92%  |
| 47) 2-Hexanone-d5              | 8.66    | 63    | 114718   | 106.88   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 106.88% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77   | 84    | 158529   | 51.22    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 102.44% |
| 64) 1,2-Dichlorobenzene-d4     | 12.21   | 152   | 93410    | 53.41    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 106.82% |

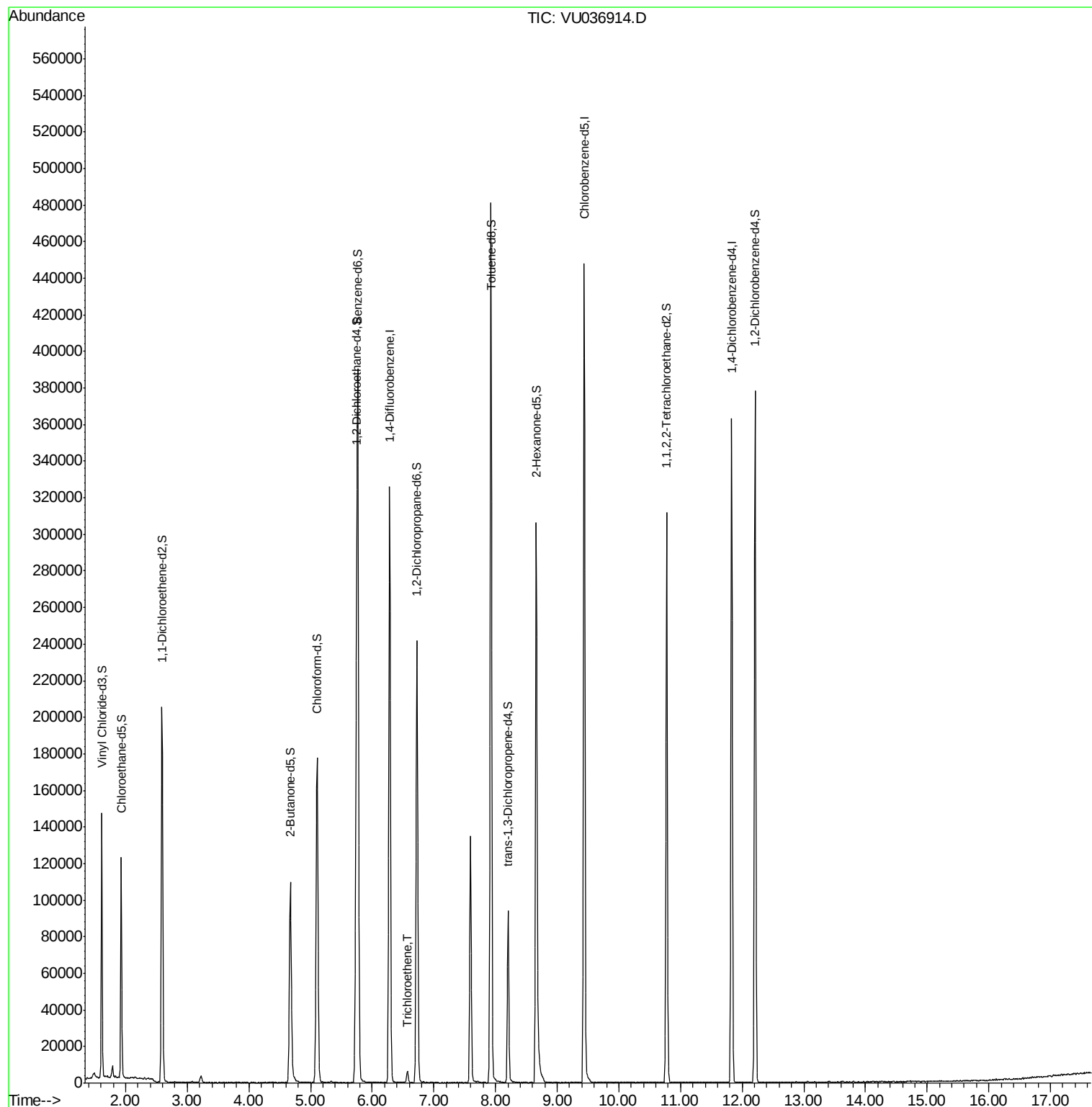
| Target Compounds    |      |    |      |            | Ovalue |
|---------------------|------|----|------|------------|--------|
| 34) Trichloroethene | 6.57 | 95 | 1653 | 0.909 ug/L | 93     |

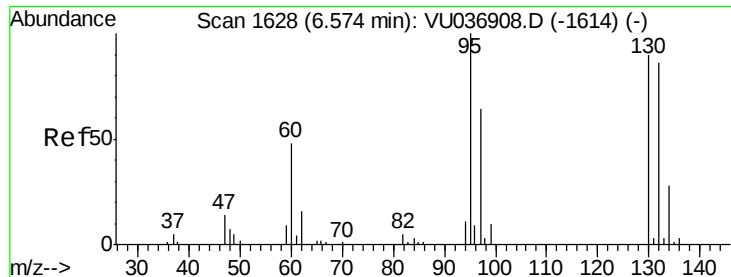
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 0.909 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU036914.D

Acq: 26 Feb 2020 14:55

Instrument :

MSVOA\_U

ClientSampleId :

C0AS4

Tot Ion: 95 Resp: 1653

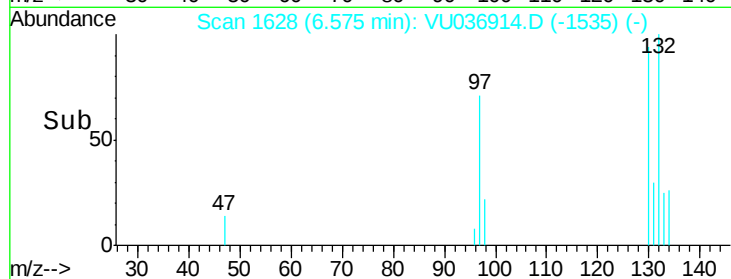
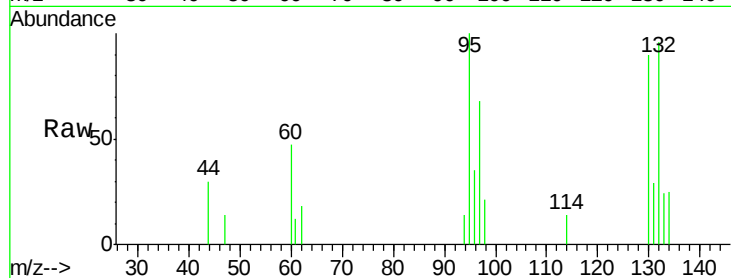
Ion Ratio Lower Upper

95 100

97 68.4 44.1 81.9

132 96.4 60.6 112.6

130 90.4 64.9 120.5



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

