

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091319\  
 Data File : VV012749.D  
 Acq On : 14 Sep 2019 01:12  
 Operator : SY/MD  
 Sample : K4868-06  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 COML1

Quant Time: Sep 14 02:46:46 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM091319WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Sep 14 00:58:35 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 738564   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 685871   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 241629   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 189734   | 45.33    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 90.66%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 180480   | 48.18    | ug/L | 0.01    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 96.36%  |
| 11) 1,1-Dichloroethene-d2      | 2.13    | 63    | 276409   | 33.95    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 67.90%  |
| 21) 2-Butanone-d5              | 3.92    | 46    | 457070   | 105.30   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 105.30% |
| 24) Chloroform-d               | 4.40    | 84    | 496963   | 47.92    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.84%  |
| 26) 1,2-Dichloroethane-d4      | 5.08    | 65    | 322016   | 51.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 102.36% |
| 32) Benzene-d6                 | 5.10    | 84    | 924684   | 50.52    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 101.04% |
| 36) 1,2-Dichloropropane-d6     | 6.12    | 67    | 335607   | 51.97    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 103.94% |
| 41) Toluene-d8                 | 7.36    | 98    | 767227   | 45.82    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 91.64%  |
| 43) trans-1,3-Dichloropropene- | 7.66    | 79    | 129142   | 48.00    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 96.00%  |
| 47) 2-Hexanone-d5              | 8.13    | 63    | 229033   | 92.43    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 92.43%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26   | 84    | 392831   | 47.55    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 95.10%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67   | 152   | 308792   | 55.99    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 111.98% |

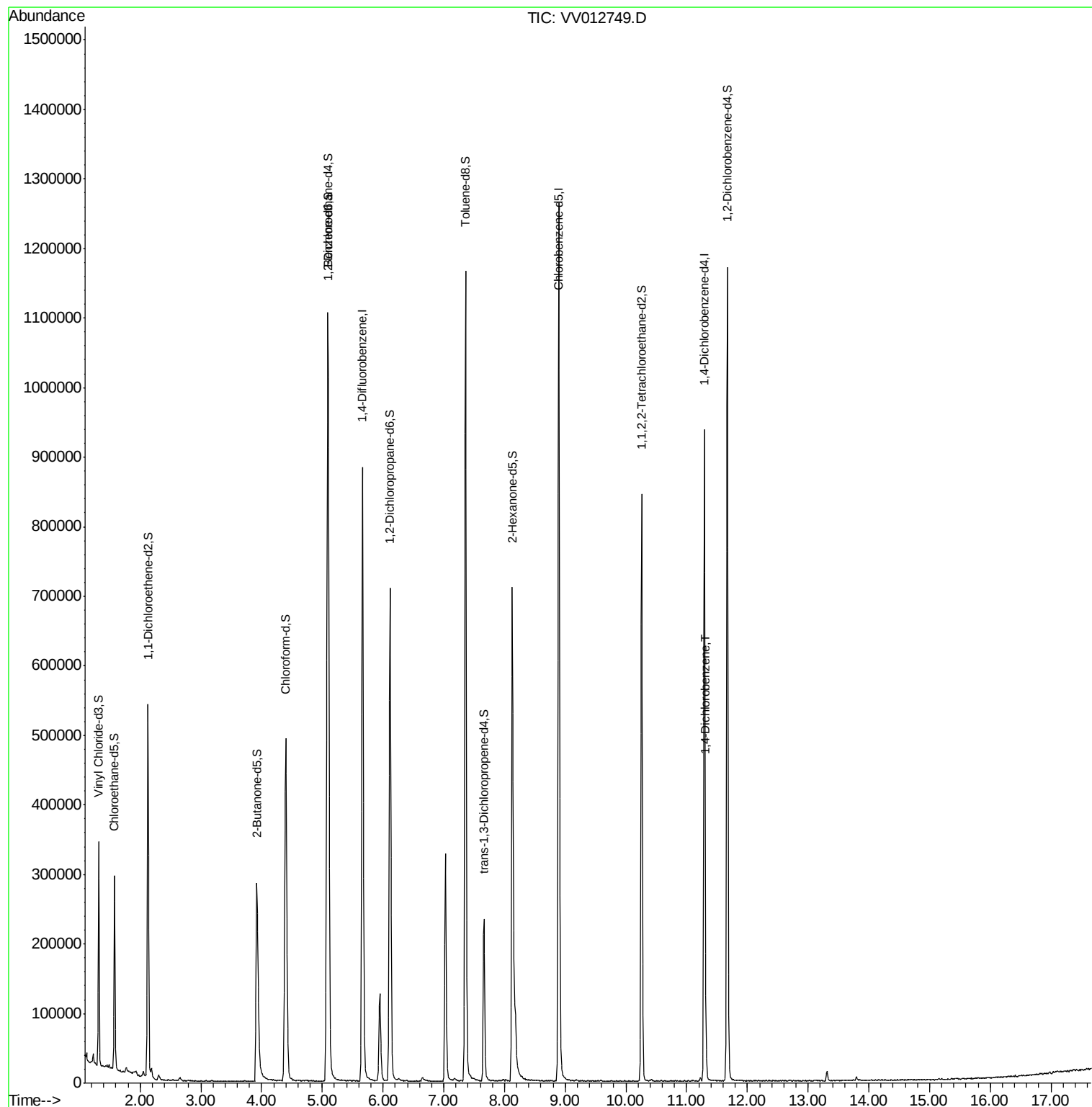
| Target Compounds        |       |     |       |            | Ovalue |
|-------------------------|-------|-----|-------|------------|--------|
| 63) 1,4-Dichlorobenzene | 11.32 | 146 | 15457 | 2.019 ug/L | 99     |

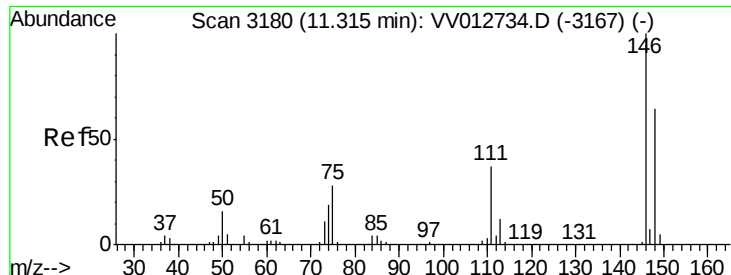
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#63

1,4-Dichlorobenzene

Concen: 2.019 ug/L

RT: 11.32 min Scan# 3180

Delta R.T. 0.00 min

Lab File: VV012749.D

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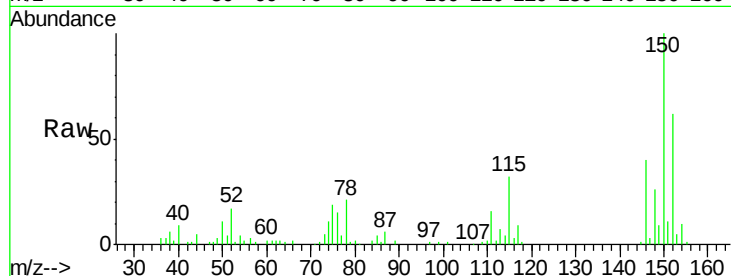
Tot Ion:146 Resp: 15457

Ion Ratio Lower Upper

146 100

111 39.2 26.2 48.8

148 64.8 45.0 83.6



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

