

Data File : VV006107.D  
Acq On : 28 May 2018 00:43  
Operator : SY/MD  
Sample : J3090-12 4000X  
Misc : 5.0 mL/MSVOA\_V/WATER  
ALS Vial : 26 Sample Multiplier: 1

Quant Time: May 28 01:29:33 2018  
Quant Method : W:\HPCHEM1\MSVOA\_V\METHOD\SOMVLM052718WMA.M  
Quant Title : VOC Analysis  
QLast Update : Mon May 28 00:47:58 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 242945   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 221128   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 90902    | 50.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

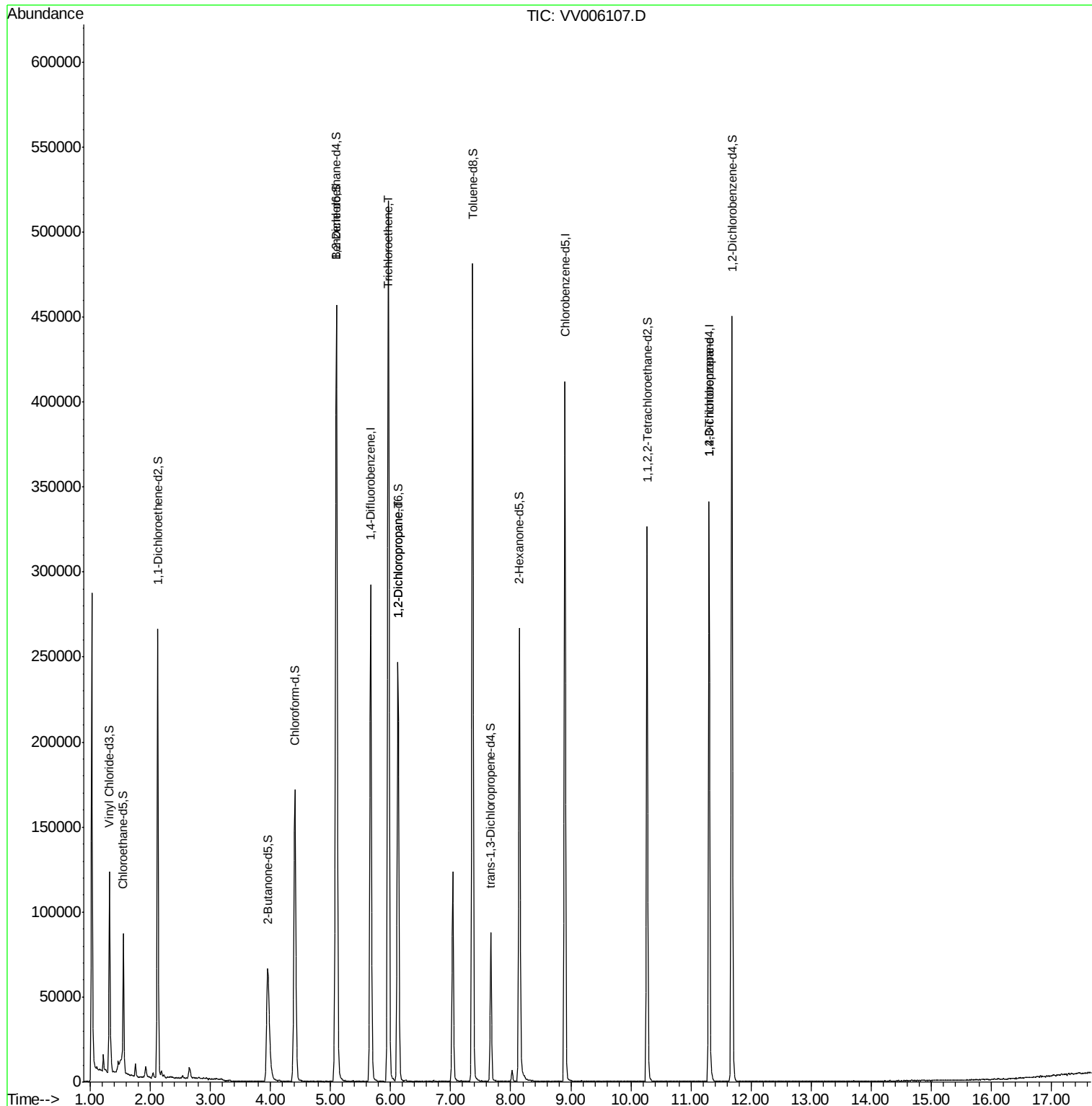
|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 92310    | 45.45    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 90.90%  |
| 7) Chloroethane-d5             | 1.55    | 69    | 37607    | 50.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 101.80% |
| 11) 1,1-Dichloroethene-d2      | 2.13    | 63    | 136988   | 37.16    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 74.32%  |
| 21) 2-Butanone-d5              | 3.95    | 46    | 100295   | 97.74    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 97.74%  |
| 24) Chloroform-d               | 4.41    | 84    | 172157   | 48.31    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 96.62%  |
| 26) 1,2-Dichloroethane-d4      | 5.09    | 65    | 118222   | 51.13    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 102.26% |
| 32) Benzene-d6                 | 5.10    | 84    | 358103   | 50.12    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 100.24% |
| 36) 1,2-Dichloropropane-d6     | 6.12    | 67    | 120606   | 51.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 102.36% |
| 41) Toluene-d8                 | 7.37    | 98    | 315851   | 47.62    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 95.24%  |
| 43) trans-1,3-Dichloropropene- | 7.67    | 79    | 46823    | 46.16    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 92.32%  |
| 47) 2-Hexanone-d5              | 8.14    | 63    | 88987    | 96.58    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 96.58%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27   | 84    | 156384   | 46.69    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 93.38%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68   | 152   | 120357   | 52.86    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 105.72% |

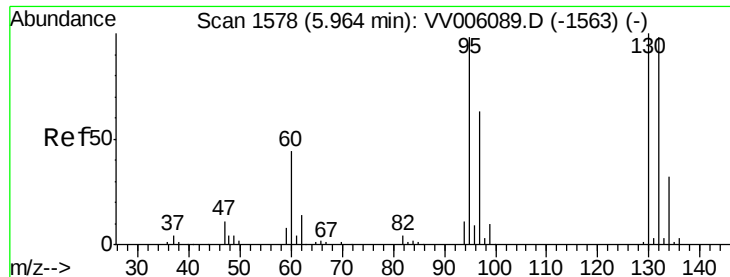
| Target Compounds           |       |    |        |        |        | Qvalue |
|----------------------------|-------|----|--------|--------|--------|--------|
| 34) Trichloroethene        | 5.96  | 95 | 176459 | 101.09 | ug/L   | 100    |
| 37) 1,2-Dichloropropane    | 6.12  | 63 | 13215  | 6.96   | ug/L # | 88     |
| 59) 1,2,3-Trichloropropane | 11.30 | 75 | 10078  | 4.26   | ug/L # | 88     |

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

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#34

Trichloroethene

Concen: 101.09 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VV006107.D

Acq: 28 May 2018 00:43

Tgt Ion: 95 Resp: 176459

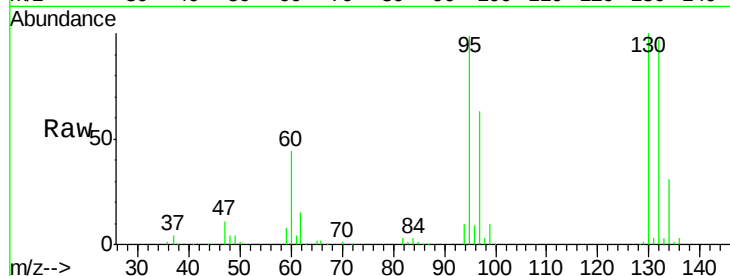
Ion Ratio Lower Upper

95 100

97 64.3 45.4 84.4

132 98.4 69.0 128.2

130 101.5 71.2 132.2

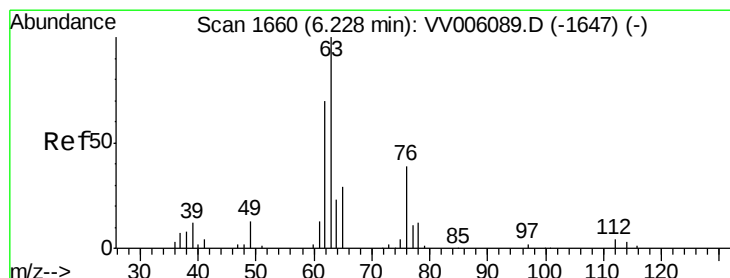
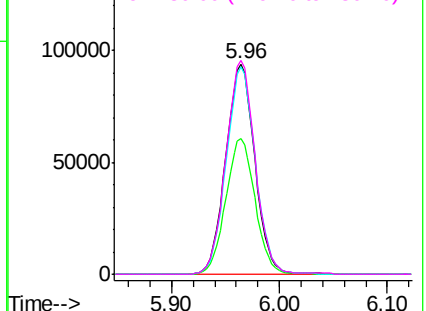
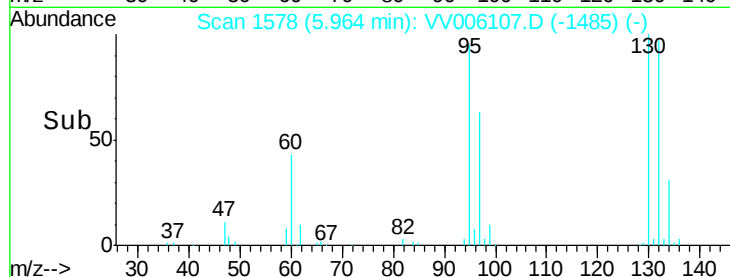


Abundance Ion 95.00 (94.70 to 95.70): VV006107.D (-1485) (-)

Ion 97.00 (96.70 to 97.70): VV006107.D (-1485) (-)

Ion 132.00 (131.70 to 132.70): VV006107.D (-1485) (-)

Ion 130.00 (129.70 to 130.70): VV006107.D (-1485) (-)



#37

1,2-Dichloropropane

Concen: 6.96 ug/L

RT: 6.12 min Scan# 1627

Delta R.T. -0.11 min

Lab File: VV006107.D

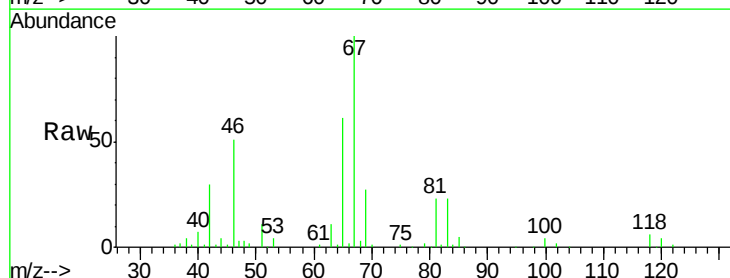
Acq: 28 May 2018 00:43

Tgt Ion: 63 Resp: 13215

Ion Ratio Lower Upper

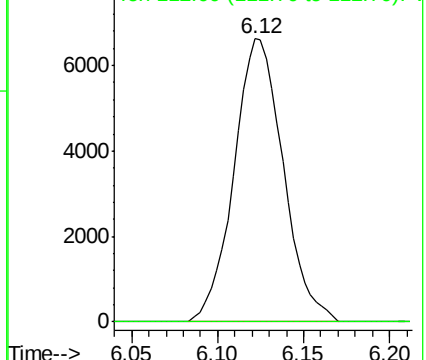
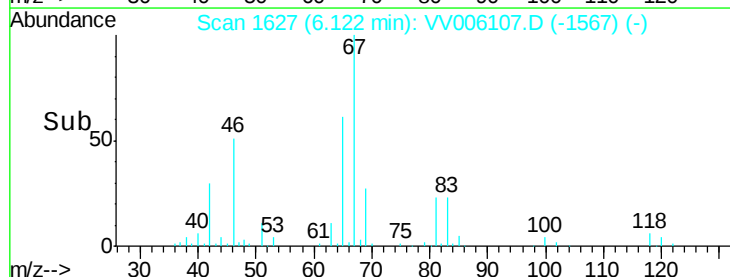
63 100

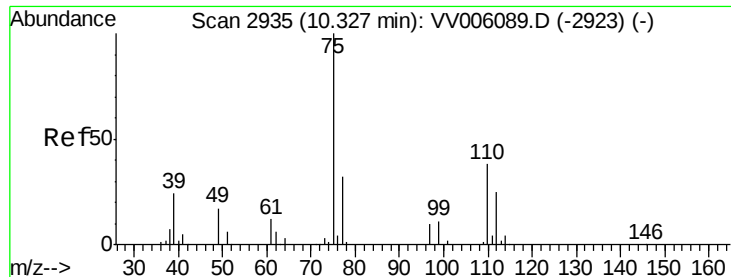
112 0.0 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VV006107.D (-1567) (-)

Ion 112.00 (111.70 to 112.70): VV006107.D (-1567) (-)





#59

1,2,3-Trichloropropane

Concen: 4.26 ug/L

RT: 11.30 min Scan# 3238

Delta R.T. 0.97 min

Lab File: VV006107.D

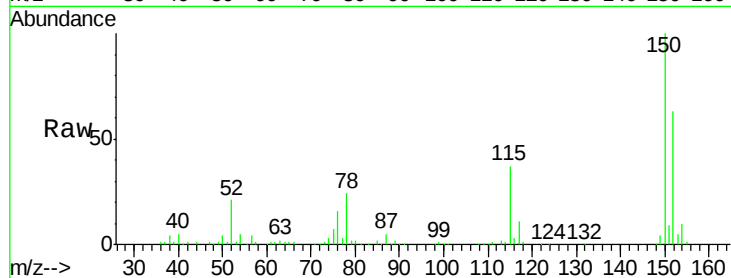
Acq: 28 May 2018 00:43

Tgt Ion: 75 Resp: 10078

Ion Ratio Lower Upper

75 100

77 39.2 25.8 38.8#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

