

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100818\  
 Data File : VV008179.D  
 Acq On : 09 Oct 2018 03:30  
 Operator : SY/MD  
 Sample : J5280-13  
 Misc : 25.0 mL/MSVOA V/WATER  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BEYK0

Quant Time: Oct 09 09:36:03 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR100518WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Oct 09 04:07:48 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 83344    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 80099    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 35143    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 23793    | 4.65     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 93.00%  |
| 7) Chloroethane-d5             | 1.59   | 69    | 20194    | 4.68     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 93.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.14   | 63    | 35821    | 3.58     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 71.60%  |
| 20) 2-Butanone-d5              | 3.96   | 46    | 62489    | 50.77    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 101.54% |
| 24) Chloroform-d               | 4.41   | 84    | 50392    | 4.77     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 95.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 25919    | 4.91     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 98.20%  |
| 32) Benzene-d6                 | 5.10   | 84    | 96063    | 4.70     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 94.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 31626    | 4.87     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 97.40%  |
| 41) Toluene-d8                 | 7.36   | 98    | 86279    | 4.34     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 86.80%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 9788     | 4.33     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 86.60%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 38007    | 42.20    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 84.40%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 20966    | 4.60     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 92.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 33982    | 5.09     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 101.80% |

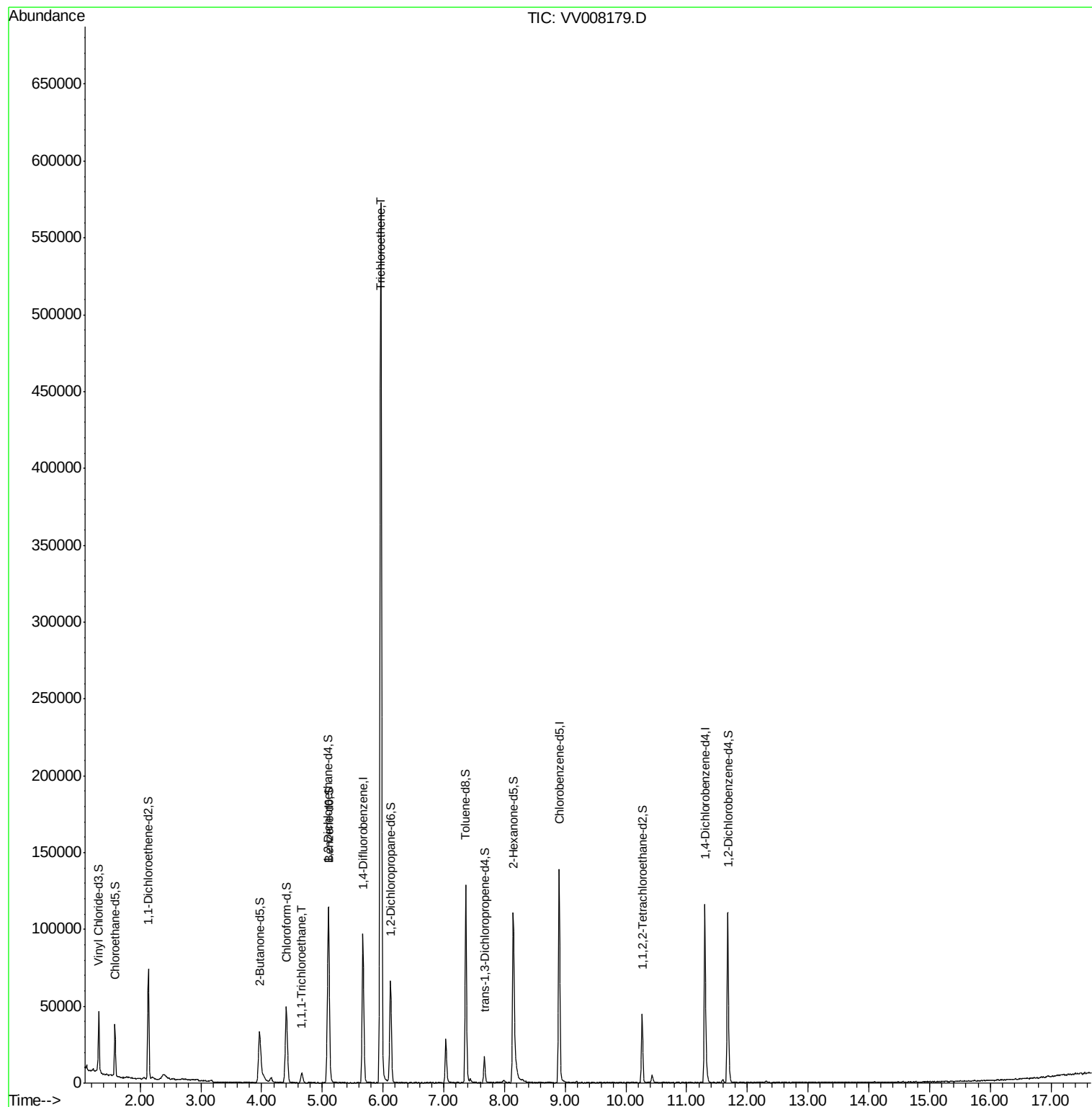
| Target Compounds          |      |    |        |             | Ovalue |
|---------------------------|------|----|--------|-------------|--------|
| 29) 1,1,1-Trichloroethane | 4.66 | 97 | 5335   | 0.600 ug/L  | 98     |
| 34) Trichloroethene       | 5.96 | 95 | 194431 | 32.966 ug/L | 99     |

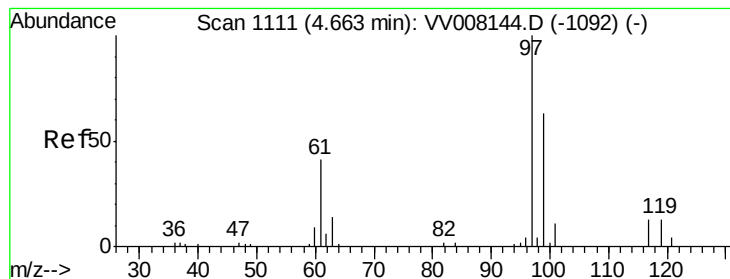
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 09 04:07:48 2018  
Response via : Initial Calibration





#29

1,1,1-Trichloroethane

Concen: 0.600 ug/L

RT: 4.66 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VV008179.D

Acq: 09 Oct 2018 03:30

Instrument :

MSVOA\_V

ClientSampleId :

BEYK0

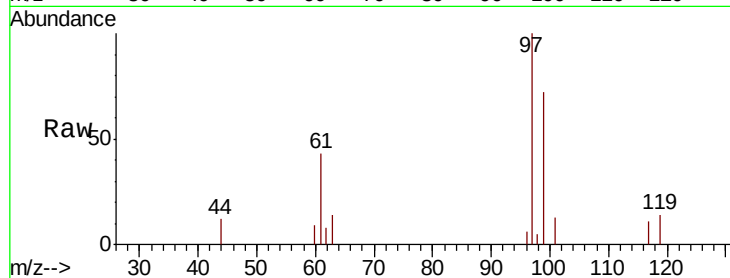
Tot Ion: 97 Resp: 5335

Ion Ratio Lower Upper

97 100

99 64.9 51.0 76.4

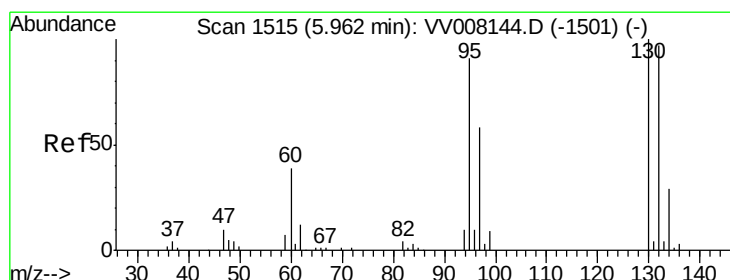
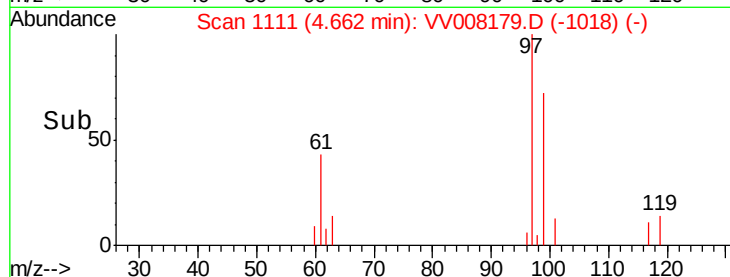
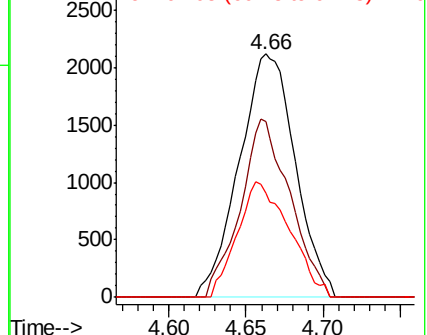
61 43.9 34.0 51.0



Abundance Ion 96.95 (96.65 to 97.65): VV008179.D (-1422) (-)

Ion 99.05 (98.75 to 99.75): VV008179.D (-1422) (-)

Ion 61.05 (60.75 to 61.75): VV008179.D (-1422) (-)



#34

Trichloroethene

Concen: 32.966 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV008179.D

Acq: 09 Oct 2018 03:30

Tgt Ion: 95 Resp: 194431

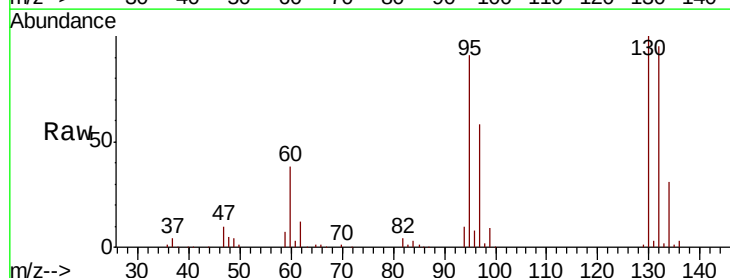
Ion Ratio Lower Upper

95 100

97 63.4 44.9 83.5

132 104.2 73.6 136.6

130 109.8 76.2 141.6



Abundance Ion 95.00 (94.70 to 95.70): VV008179.D (-1422) (-)

Ion 96.95 (96.65 to 97.65): VV008179.D (-1422) (-)

Ion 131.95 (131.65 to 132.65): VV008179.D (-1422) (-)

Ion 129.95 (129.65 to 130.65): VV008179.D (-1422) (-)

