

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100818\  
 Data File : VV008186.D  
 Acq On : 09 Oct 2018 06:41  
 Operator : SY/MD  
 Sample : J5280-20  
 Misc : 25.0 mL/MSVOA V/WATER  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BEYK7

Quant Time: Oct 09 09:23:53 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  | 87503    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 85284    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 36731    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 23876    | 4.45     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 89.00% |
| 7) Chloroethane-d5             | 1.59   | 69    | 20758    | 4.58     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 91.60% |
| 11) 1,1-Dichloroethene-d2      | 2.14   | 63    | 32488    | 3.09     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 61.80% |
| 20) 2-Butanone-d5              | 3.96   | 46    | 62017    | 47.99    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 95.98% |
| 24) Chloroform-d               | 4.41   | 84    | 51257    | 4.62     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 92.40% |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 26315    | 4.75     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 95.00% |
| 32) Benzene-d6                 | 5.10   | 84    | 98865    | 4.54     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 90.80% |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 32260    | 4.67     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 93.40% |
| 41) Toluene-d8                 | 7.36   | 98    | 85521    | 4.04     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 80.80% |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 9648     | 4.01     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 80.20% |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 37035    | 38.62    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 77.24% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 21278    | 4.39     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 87.80% |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 34204    | 4.91     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 98.20% |

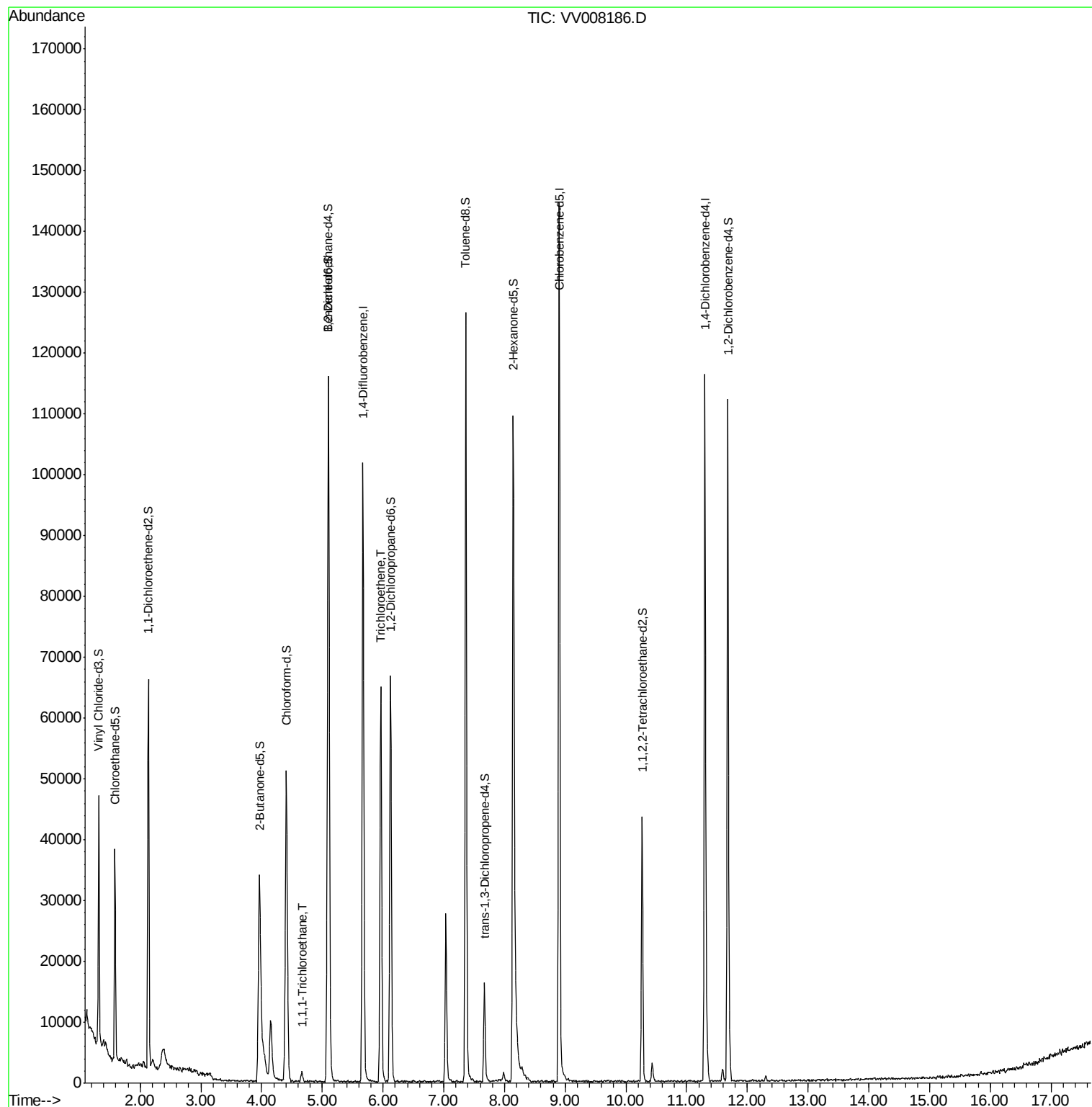
| Target Compounds          |      |    |       |            | Ovalue |
|---------------------------|------|----|-------|------------|--------|
| 29) 1,1,1-Trichloroethane | 4.67 | 97 | 1354  | 0.143 ug/L | 98     |
| 34) Trichloroethene       | 5.96 | 95 | 22017 | 3.506 ug/L | 98     |

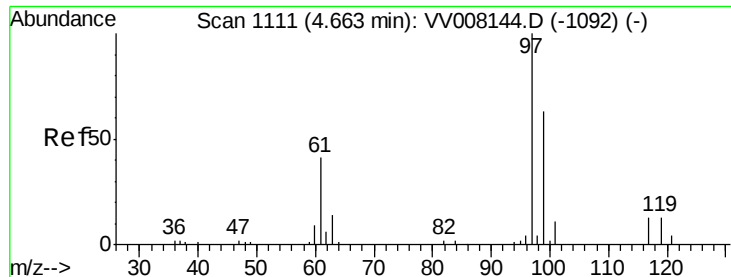
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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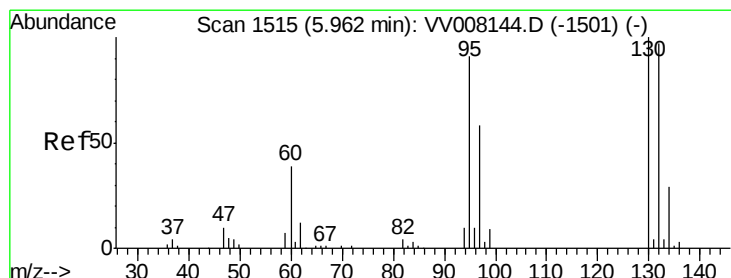
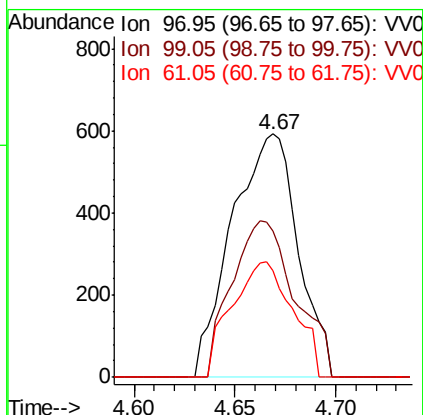
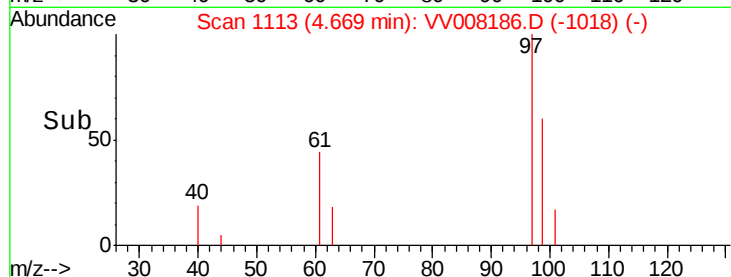
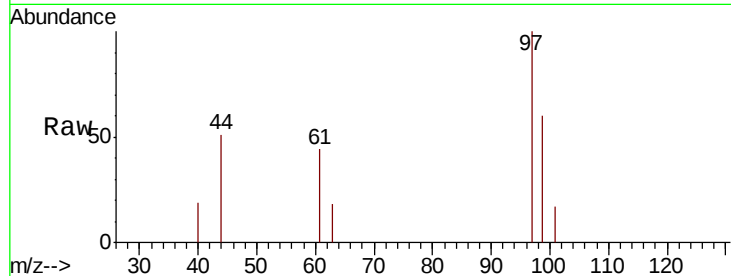




#29  
1,1,1-Trichloroethane  
Concen: 0.143 ug/L  
RT: 4.67 min Scan# 1113  
Delta R.T. 0.01 min  
Lab File: VV008186.D  
Acq: 09 Oct 2018 06:41

Instrument :  
MSVOA\_V  
ClientSampleId :  
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Tot Ion: 97 Resp: 1354  
Ion Ratio Lower Upper  
97 100  
99 61.9 51.0 76.4  
61 43.7 34.0 51.0



#34  
Trichloroethene  
Concen: 3.506 ug/L  
RT: 5.96 min Scan# 1516  
Delta R.T. 0.00 min  
Lab File: VV008186.D  
Acq: 09 Oct 2018 06:41

Tgt Ion: 95 Resp: 22017  
Ion Ratio Lower Upper  
95 100  
97 61.8 44.9 83.5  
132 102.4 73.6 136.6  
130 108.4 76.2 141.6

