

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV092018\  
 Data File : VV007682.D  
 Acq On : 21 Sep 2018 03:50  
 Operator : SY/MD  
 Sample : J4990-10  
 Misc : 25.0 mL/MSVOA\_V/WATER  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0T12

Quant Time: Oct 03 05:07:51 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR091918WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Sep 21 03:27:29 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 103288   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 94677    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 49629    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 17750    | 4.18     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 83.60%  |
| 7) Chloroethane-d5             | 1.59   | 69    | 19320    | 4.85     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 97.00%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 33718    | 2.99     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 59.80%# |
| 20) 2-Butanone-d5              | 3.96   | 46    | 51465    | 47.52    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 95.04%  |
| 24) Chloroform-d               | 4.41   | 84    | 45467    | 4.49     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 89.80%  |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 24179    | 4.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 96.60%  |
| 32) Benzene-d6                 | 5.10   | 84    | 86686    | 4.62     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 92.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 25594    | 4.62     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 92.40%  |
| 41) Toluene-d8                 | 7.36   | 98    | 84335    | 4.36     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 87.20%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 8653     | 3.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 77.60%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 36412    | 41.97    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 83.94%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 20254    | 4.41     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 88.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 39078    | 4.77     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 95.40%  |

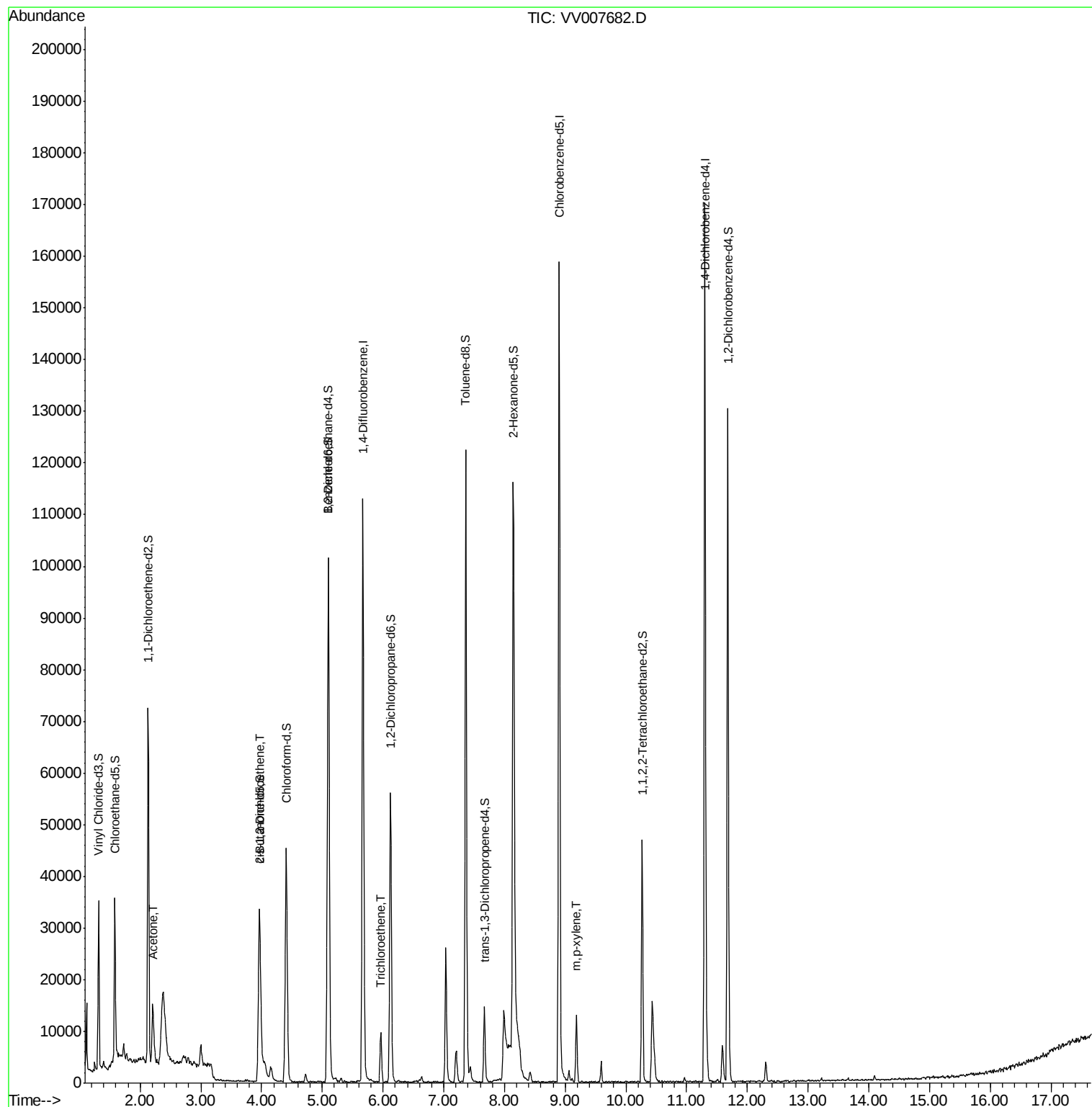
| Target Compounds           |      |     |       |             | Qvalue |
|----------------------------|------|-----|-------|-------------|--------|
| 13) Acetone                | 2.21 | 43  | 13712 | 13.144 ug/L | 98     |
| 22) cis-1,2-Dichloroethene | 3.97 | 96  | 2962  | 0.406 ug/L  | 82     |
| 34) Trichloroethene        | 5.96 | 95  | 3361  | 0.454 ug/L  | 93     |
| 53) m,p-xylene             | 9.19 | 106 | 3812  | 0.300 ug/L  | 98     |

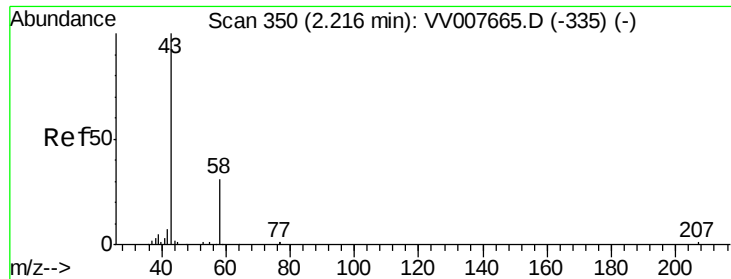
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 13.144 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.01 min

Lab File: VV007682.D

Acq: 21 Sep 2018 03:50

Instrument :

MSVOA\_V

ClientSampleId :

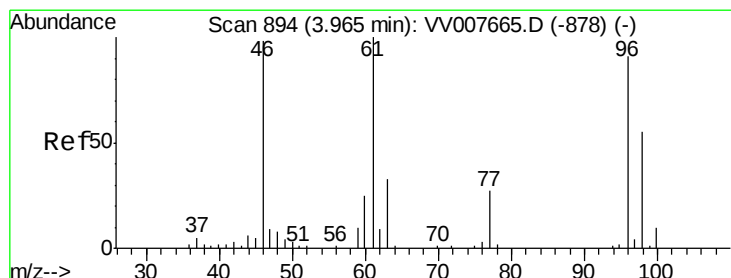
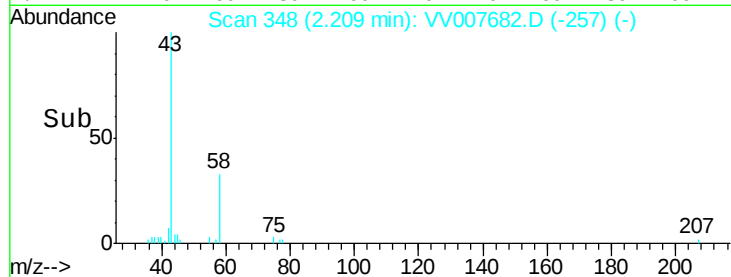
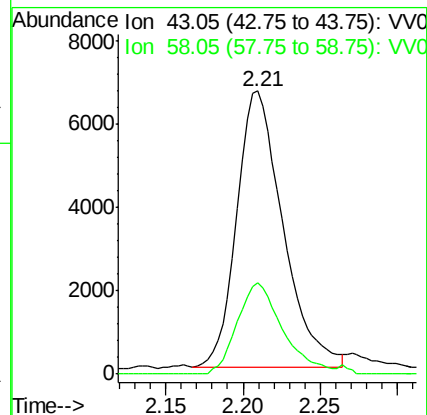
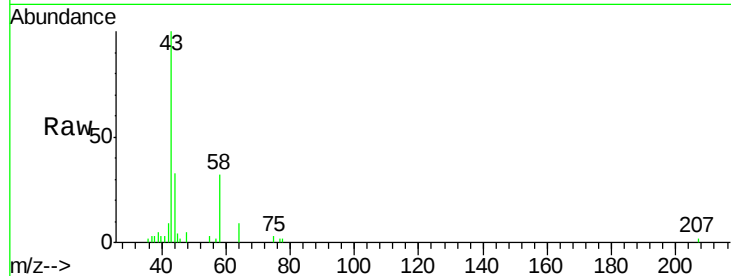
C0T12

Tgt Ion: 43 Resp: 13712

Ion Ratio Lower Upper

43 100

58 32.8 0.0 63.6



#22

cis-1,2-Dichloroethene

Concen: 0.406 ug/L

RT: 3.97 min Scan# 895

Delta R.T. 0.00 min

Lab File: VV007682.D

Acq: 21 Sep 2018 03:50

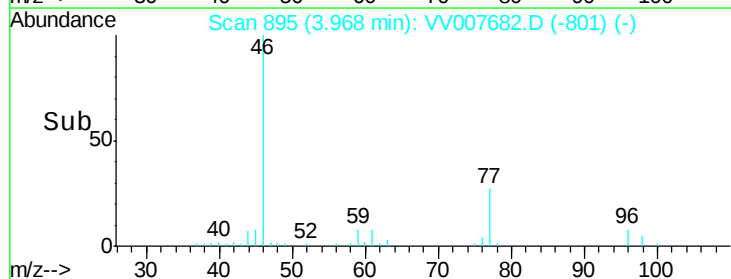
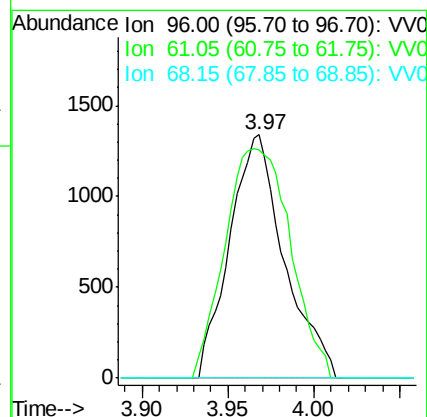
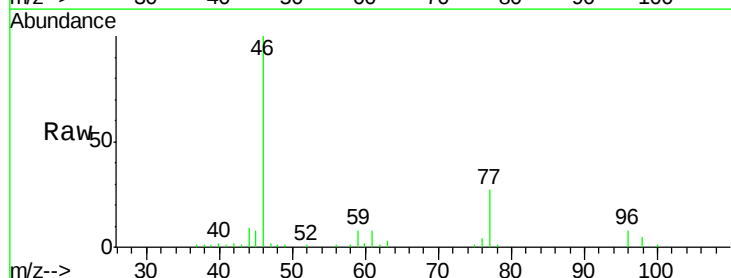
Tgt Ion: 96 Resp: 2962

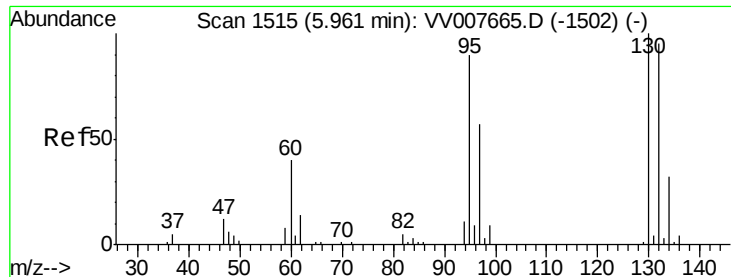
Ion Ratio Lower Upper

96 100

61 94.0 79.0 146.8

68 0.0 0.0 0.0

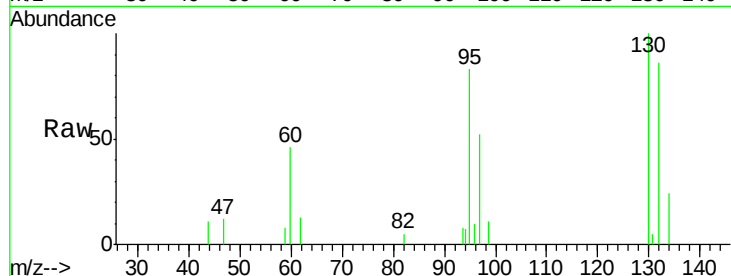




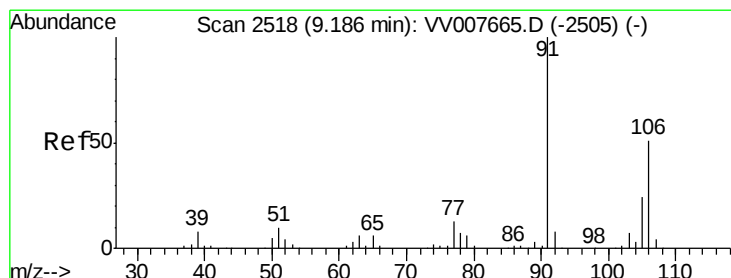
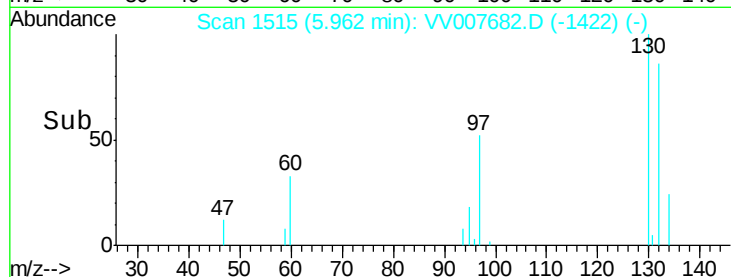
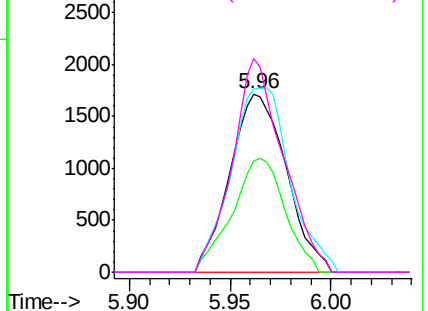
#34  
 Trichloroethene  
 Concen: 0.454 ug/L  
 RT: 5.96 min Scan# 1515  
 Delta R.T. 0.00 min  
 Lab File: VV007682.D  
 Acq: 21 Sep 2018 03:50

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0T12

Tgt Ion: 95 Resp: 3361  
 Ion Ratio Lower Upper  
 95 100  
 97 62.2 45.1 83.9  
 132 102.8 78.2 145.2  
 130 119.8 78.8 146.3

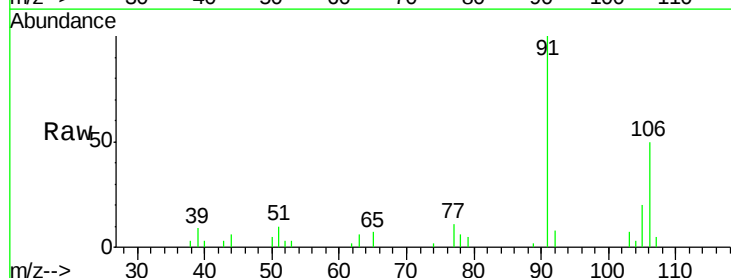


Abundance Ion 95.00 (94.70 to 95.70): VV007682.D (-1422) (-)  
 Ion 96.95 (96.65 to 97.65): VV007682.D (-1422) (-)  
 Ion 131.95 (131.65 to 132.65): VV007682.D (-1422) (-)  
 Ion 129.95 (129.65 to 130.65): VV007682.D (-1422) (-)



#53  
 m,p-xylene  
 Concen: 0.300 ug/L  
 RT: 9.19 min Scan# 2518  
 Delta R.T. 0.00 min  
 Lab File: VV007682.D  
 Acq: 21 Sep 2018 03:50

Tgt Ion: 106 Resp: 3812  
 Ion Ratio Lower Upper  
 106 100  
 91 198.1 140.9 261.7



Abundance Ion 106.15 (105.85 to 106.85): VV007682.D (-2425) (-)  
 Ion 91.15 (90.85 to 91.85): VV007682.D (-2425) (-)

