

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV082318\  
 Data File : VV007144.D  
 Acq On : 23 Aug 2018 17:05  
 Operator : SY/MD  
 Sample : VV0823WBL02  
 Misc : 5.0 mL/MSVOA\_V/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK62

Quant Time: Aug 24 02:11:15 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM082218WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Aug 24 02:07:07 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 537380   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 491389   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 174345   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 153121   | 45.34    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 90.68%  |
| 7) Chloroethane-d5             | 1.57    | 69    | 90923    | 41.86    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 83.72%  |
| 11) 1,1-Dichloroethene-d2      | 2.13    | 63    | 218669   | 34.97    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 69.94%  |
| 21) 2-Butanone-d5              | 3.96    | 46    | 288772   | 100.47   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 100.47% |
| 24) Chloroform-d               | 4.40    | 84    | 342434   | 47.39    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.78%  |
| 26) 1,2-Dichloroethane-d4      | 5.09    | 65    | 223084   | 50.93    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 101.86% |
| 32) Benzene-d6                 | 5.10    | 84    | 699609   | 51.23    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 102.46% |
| 36) 1,2-Dichloropropane-d6     | 6.12    | 67    | 234020   | 51.80    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 103.60% |
| 41) Toluene-d8                 | 7.36    | 98    | 550694   | 45.83    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 91.66%  |
| 43) trans-1,3-Dichloropropene- | 7.67    | 79    | 89863    | 46.46    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 92.92%  |
| 47) 2-Hexanone-d5              | 8.14    | 63    | 128488   | 79.98    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 79.98%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27   | 84    | 306421   | 46.62    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 93.24%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68   | 152   | 186791   | 53.28    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 106.56% |

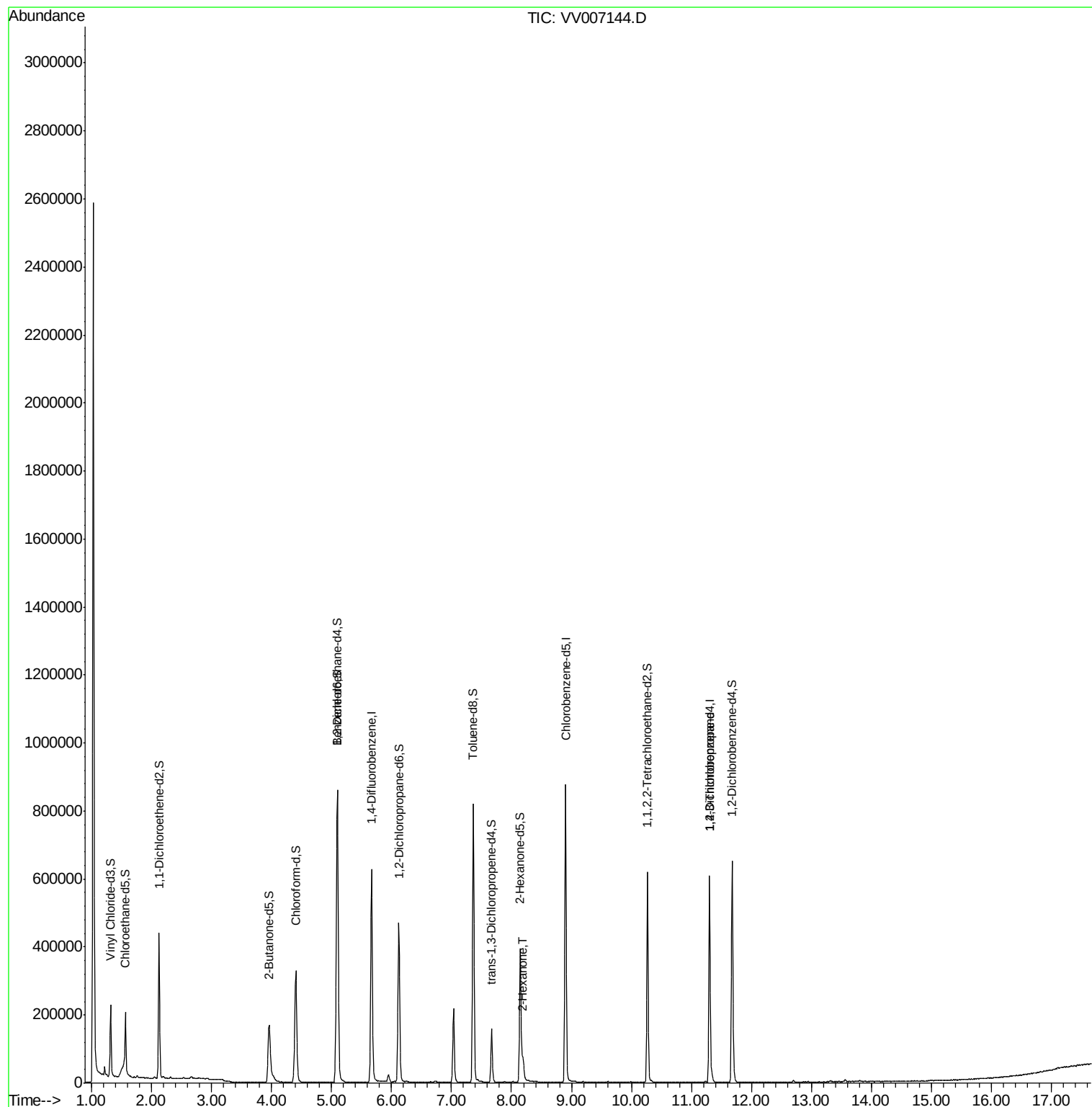
| Target Compounds           |       |    |       |              | Qvalue |
|----------------------------|-------|----|-------|--------------|--------|
| 48) 2-Hexanone             | 8.20  | 43 | 33335 | 7.548 ug/L # | 88     |
| 59) 1,2,3-Trichloropropane | 11.30 | 75 | 20237 | 3.487 ug/L   | 94     |

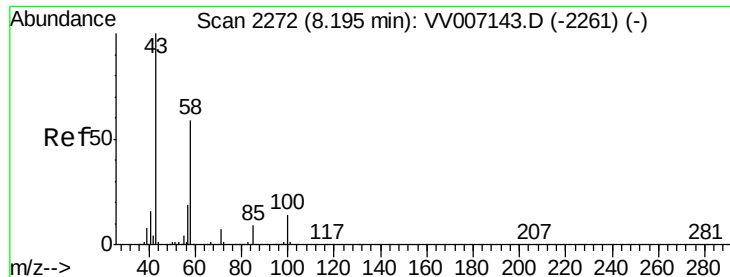
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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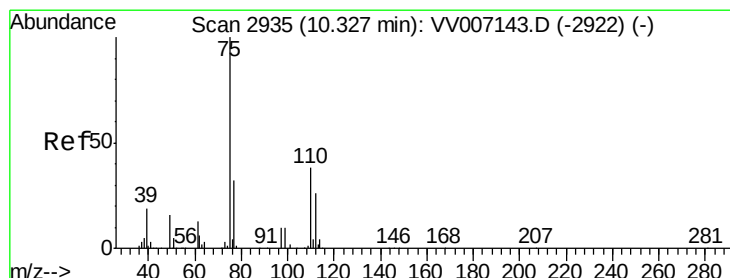
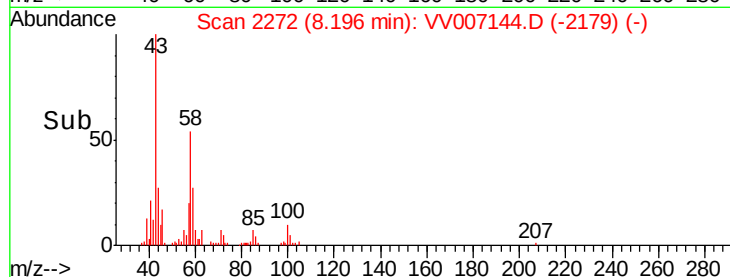
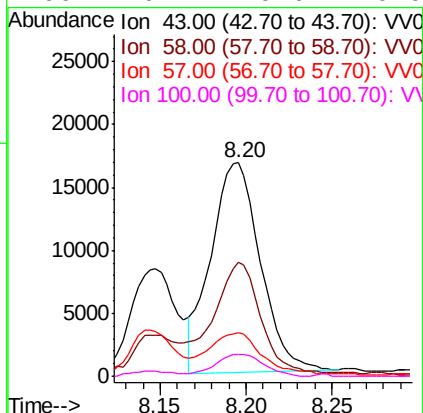
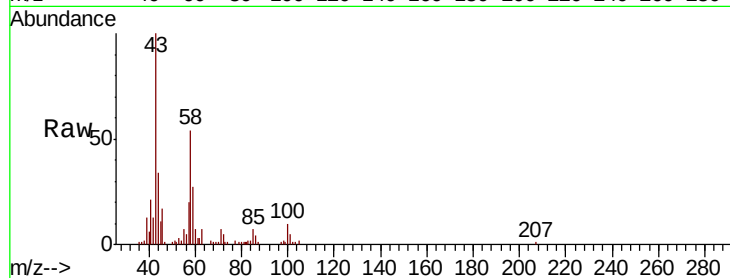




#48  
 2-Hexanone  
 Concen: 7.548 ug/L  
 RT: 8.20 min Scan# 2272  
 Delta R.T. 0.00 min  
 Lab File: VV007144.D  
 Acq: 23 Aug 2018 17:05

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK62

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 33335 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 48.3  | 47.9  | 71.9  |
| 57       | 21.8  | 15.8  | 23.8  |
| 100      | 10.2  | 10.6  | 16.0# |



#59  
 1,2,3-Trichloropropane  
 Concen: 3.487 ug/L  
 RT: 11.30 min Scan# 3238  
 Delta R.T. 0.97 min  
 Lab File: VV007144.D  
 Acq: 23 Aug 2018 17:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 20237 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 35.7  | 25.8  | 38.8  |

