

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW072118\  
 Data File : VW004121.D  
 Acq On : 21 Jul 2018 18:24  
 Operator : SY/AP  
 Sample : J4065-03  
 Misc : 4.55G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 JHT32

Quant Time: Jul 23 00:05:21 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM071818S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Jul 21 06:22:08 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 319130   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 316415   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 140477   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 52510    | 16.63    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 66.52% |
| 7) Chloroethane-d5             | 2.89   | 69    | 39851    | 17.52    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 70.08% |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 95582    | 12.62    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 50.48% |
| 20) 2-Butanone-d5              | 7.08   | 46    | 77184    | 41.70    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 83.40% |
| 24) Chloroform-d               | 7.65   | 84    | 159725   | 21.09    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 84.36% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 103028   | 22.58    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 90.32% |
| 29) Benzene-d6                 | 8.28   | 84    | 274743   | 18.72    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 74.88% |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 102933   | 21.03    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 84.12% |
| 37) Toluene-d8                 | 10.33  | 98    | 233704   | 17.72    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 70.88% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 40821    | 18.98    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 75.92% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 51932    | 39.41    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 78.82% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.70  | 84    | 117431   | 21.90    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 87.60% |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 99359    | 22.00    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 88.00% |

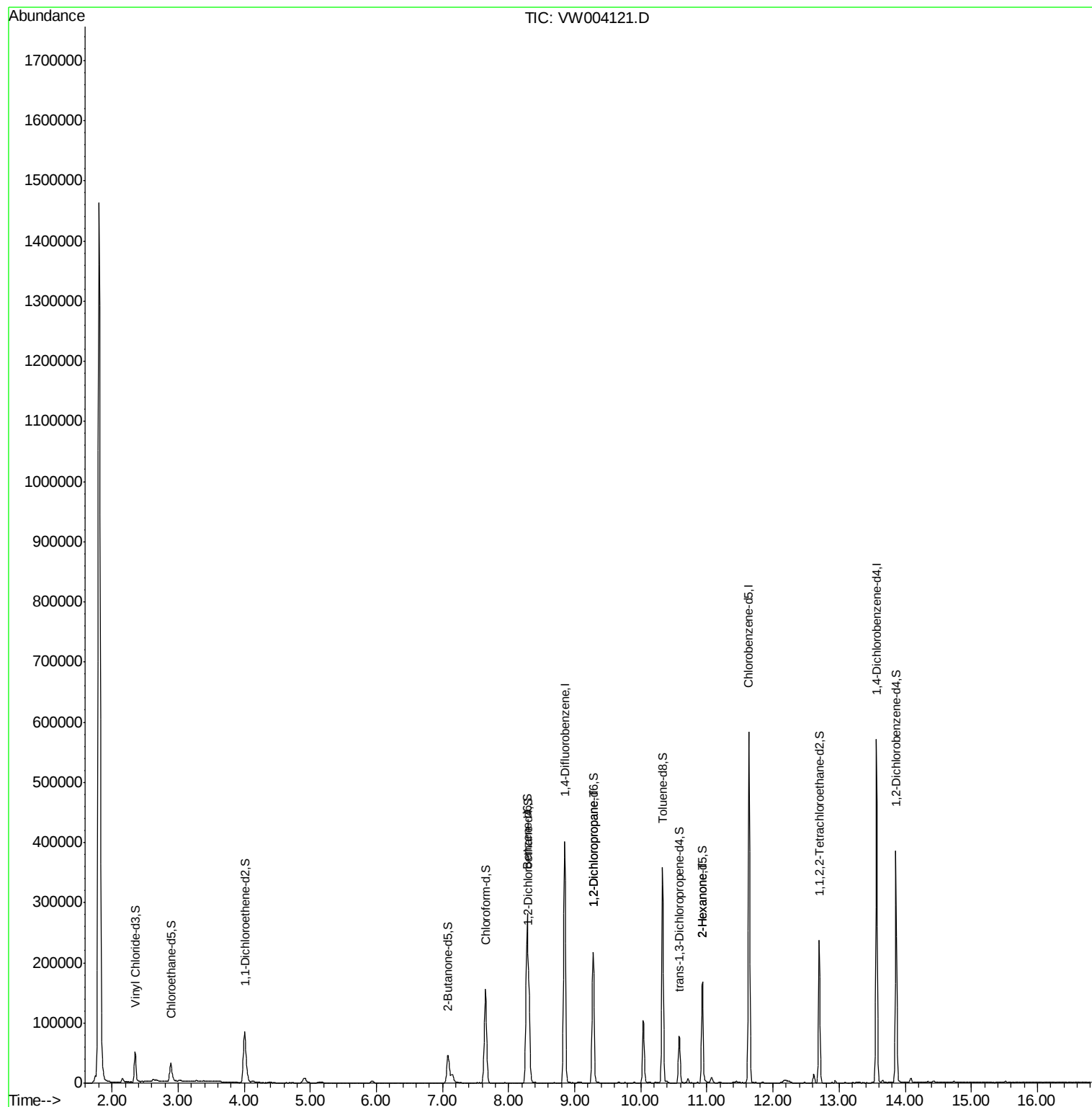
| Target Compounds        | R.T.  | QIon | Response | Conc  | Units  | Qvalue |
|-------------------------|-------|------|----------|-------|--------|--------|
| 40) 1,2-Dichloropropane | 9.28  | 63   | 11928    | 2.269 | ug/L # | 89     |
| 49) 2-Hexanone          | 10.93 | 43   | 8524     | 2.382 | ug/L # | 69     |

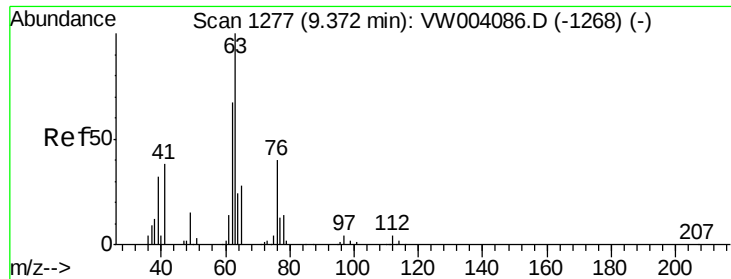
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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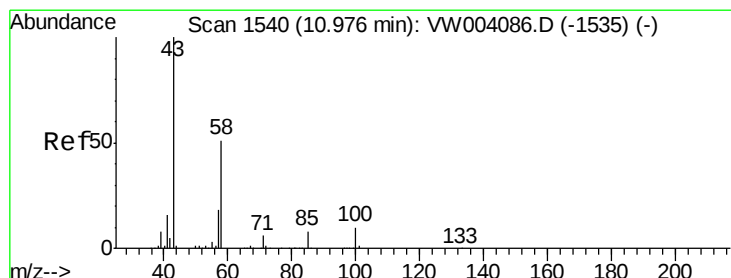
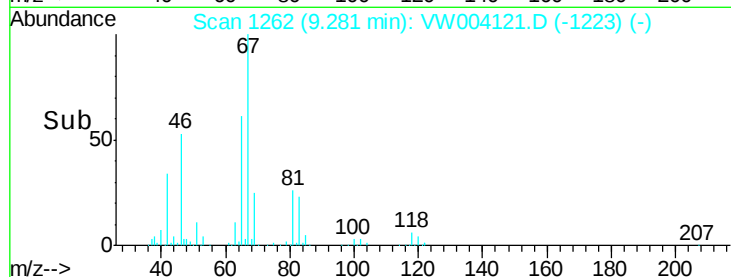
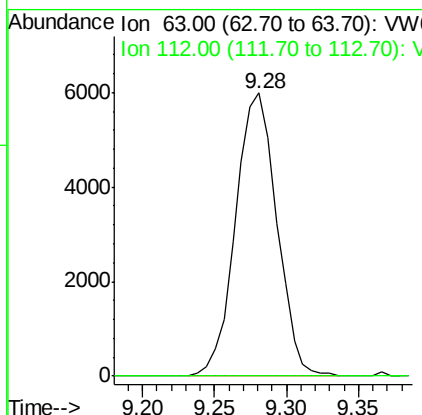
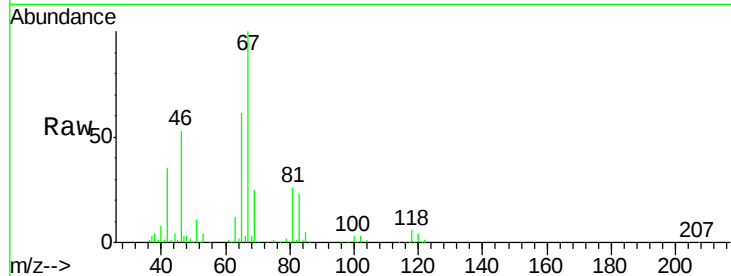




#40  
 1,2-Dichloropropane  
 Concen: 2.269 ug/L  
 RT: 9.28 min Scan# 1262  
 Delta R.T. -0.09 min  
 Lab File: VW004121.D  
 Acq: 21 Jul 2018 18:24

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 ClientSampleId :  
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Tgt Ion: 63 Resp: 11928  
 Ion Ratio Lower Upper  
 63 100  
 112 0.0 3.0 4.4#



#49  
 2-Hexanone  
 Concen: 2.382 ug/L  
 RT: 10.93 min Scan# 1532  
 Delta R.T. -0.05 min  
 Lab File: VW004121.D  
 Acq: 21 Jul 2018 18:24

Tgt Ion: 43 Resp: 8524  
 Ion Ratio Lower Upper  
 43 100  
 58 26.9 40.4 60.6#  
 57 29.2 14.0 21.0#  
 100 2.6 8.2 12.2#

