

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072220\  
 Data File : VW015914.D  
 Acq On : 22 Jul 2020 19:30  
 Operator : SY/VA  
 Sample : L3388-20  
 Misc : 4.13G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0AE7

Quant Time: Jul 23 04:38:36 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM072020S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jul 23 03:03:27 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 340136   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 315891   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 125229   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 106960   | 22.29    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 89.16%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 82992    | 21.29    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 85.16%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 156106   | 16.09    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 64.36%  |
| 20) 2-Butanone-d5              | 7.08   | 46    | 64982    | 51.54    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 103.08% |
| 24) Chloroform-d               | 7.65   | 84    | 198411   | 20.77    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 83.08%  |
| 26) 1,2-Dichloroethane-d4      | 8.30   | 65    | 123335   | 23.52    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 94.08%  |
| 29) Benzene-d6                 | 8.28   | 84    | 398981   | 20.75    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 83.00%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 122912   | 21.32    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 85.28%  |
| 37) Toluene-d8                 | 10.33  | 98    | 346494   | 19.89    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 79.56%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 49010    | 19.95    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 79.80%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 44507    | 46.37    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 92.74%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 106265   | 23.98    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 95.92%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 108390   | 22.20    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 88.80%  |

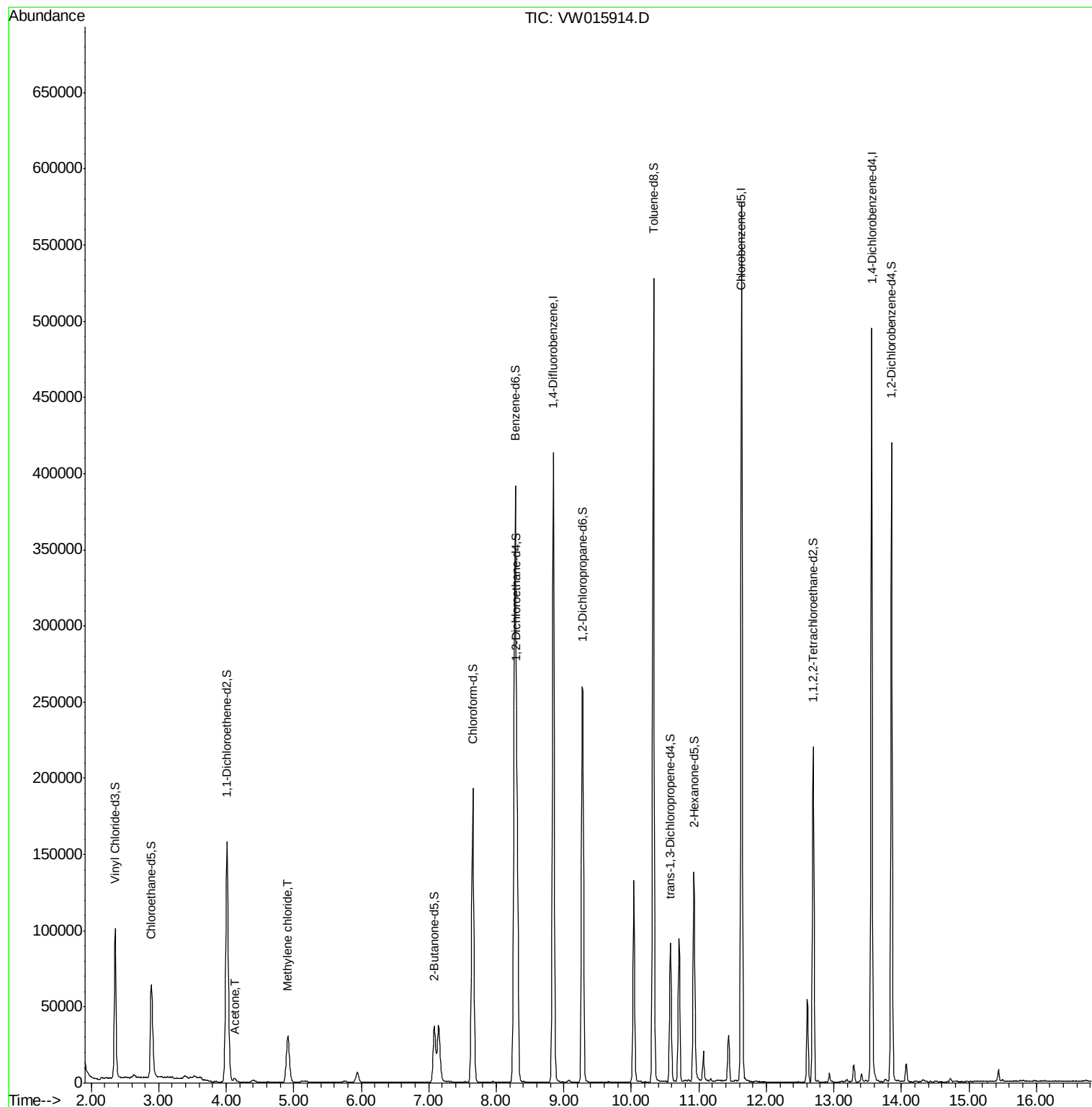
| Target Compounds       |      |    |       |            | Ovalue |
|------------------------|------|----|-------|------------|--------|
| 13) Acetone            | 4.13 | 43 | 4137  | 3.907 ug/L | 69     |
| 16) Methylene chloride | 4.91 | 84 | 23322 | 4.184 ug/L | 98     |

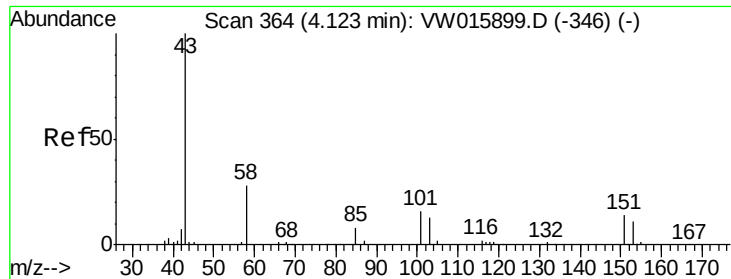
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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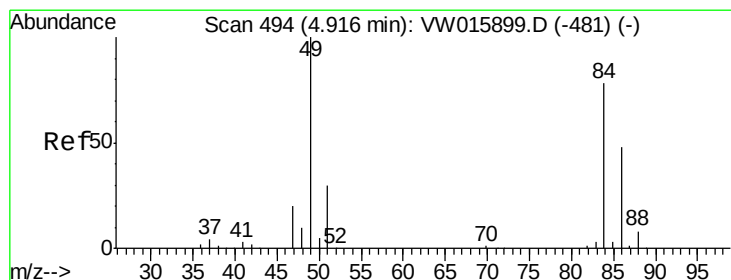
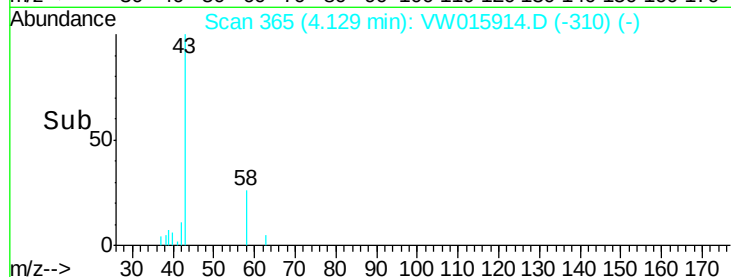
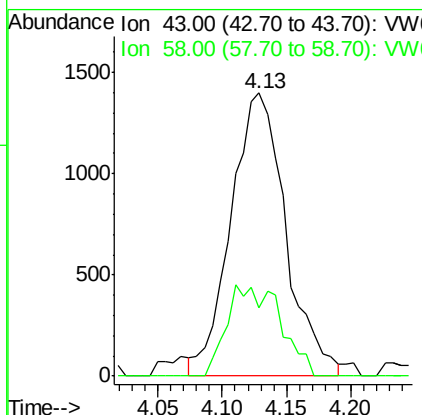
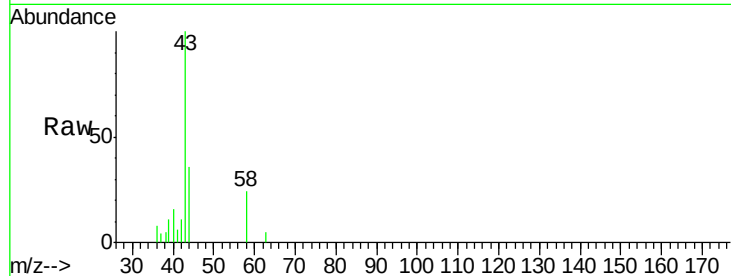




#13  
Acetone  
Concen: 3.907 ug/L  
RT: 4.13 min Scan# 365  
Delta R.T. 0.01 min  
Lab File: VW015914.D  
Acq: 22 Jul 2020 19:30

Instrument :  
MSVOA\_W  
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Tot Ion: 43 Resp: 4137  
Ion Ratio Lower Upper  
43 100  
58 12.5 0.0 58.2



#16  
Methylene chloride  
Concen: 4.184 ug/L  
RT: 4.91 min Scan# 493  
Delta R.T. -0.01 min  
Lab File: VW015914.D  
Acq: 22 Jul 2020 19:30

Tgt Ion: 84 Resp: 23322  
Ion Ratio Lower Upper  
84 100  
49 128.8 91.1 169.1  
86 63.0 46.0 85.4

