

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021120\  
 Data File : VW014966.D  
 Acq On : 11 Feb 2020 15:30  
 Operator : SY/VA  
 Sample : L1415-20  
 Misc : 5.05G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VHBLK01

Quant Time: Feb 12 01:20:51 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM020520S.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Feb 12 00:12:37 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 634084   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 612336   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 227487   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 282969   | 26.96    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 107.84% |
| 7) Chloroethane-d5             | 2.89   | 69    | 222668   | 26.49    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 105.96% |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 379856   | 19.81    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 79.24%  |
| 20) 2-Butanone-d5              | 7.07   | 46    | 189570   | 64.35    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 128.70% |
| 24) Chloroform-d               | 7.65   | 84    | 505627   | 28.09    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 112.36% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 313226   | 31.44    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 125.76% |
| 29) Benzene-d6                 | 8.27   | 84    | 978250   | 24.84    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 99.36%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 349395   | 27.23    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 108.92% |
| 37) Toluene-d8                 | 10.32  | 98    | 815587   | 23.53    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 94.12%  |
| 38) trans-1,3-Dichloropropene- | 10.57  | 79    | 124326   | 24.54    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 98.16%  |
| 39) 2-Hexanone-d5              | 10.92  | 63    | 128443   | 54.91    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 109.82% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 274410   | 28.40    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 113.60% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 233532   | 26.47    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 105.88% |

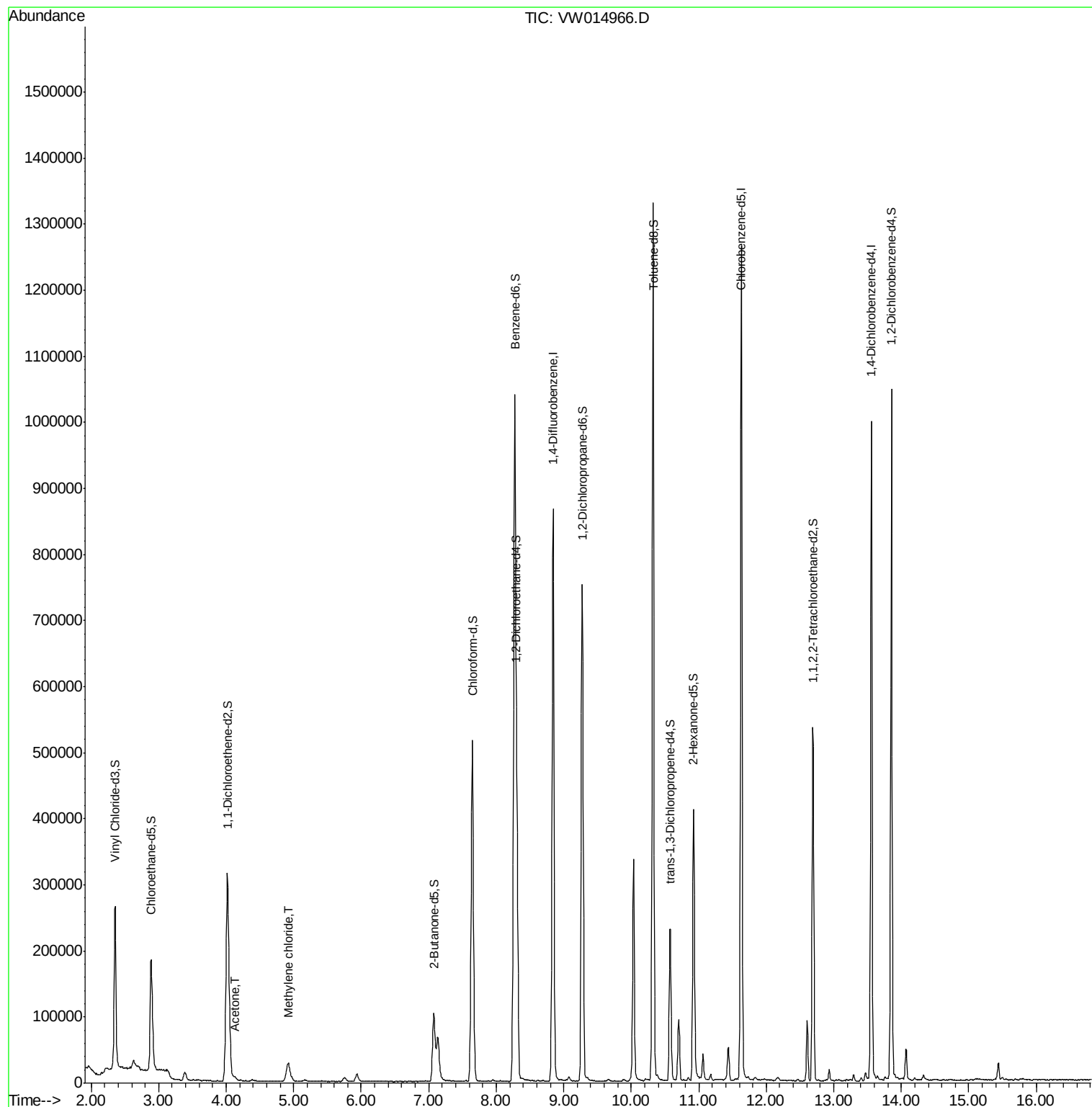
| Target Compounds       |      |    |       |            | Ovalue |
|------------------------|------|----|-------|------------|--------|
| 13) Acetone            | 4.13 | 43 | 8365  | 2.751 ug/L | 67     |
| 16) Methylene chloride | 4.92 | 84 | 20957 | 1.814 ug/L | 97     |

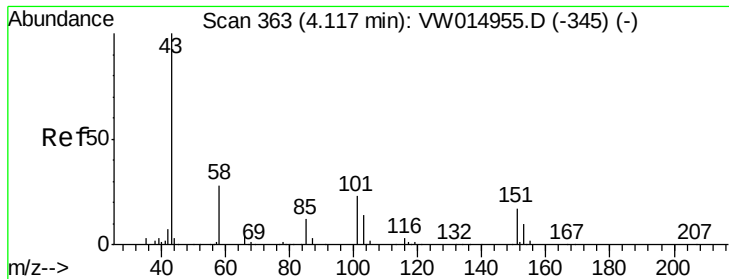
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : L1415-20  
Misc : 5.05G/10ML/MSVOA W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM020520S.M  
Quant Title : VOC Analysis  
QLast Update : Wed Feb 12 00:12:37 2020  
Response via : Initial Calibration





#13

Acetone

Concen: 2.751 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW014966.D

Acq: 11 Feb 2020 15:30

Instrument :

MSVOA\_W

ClientSampleId :

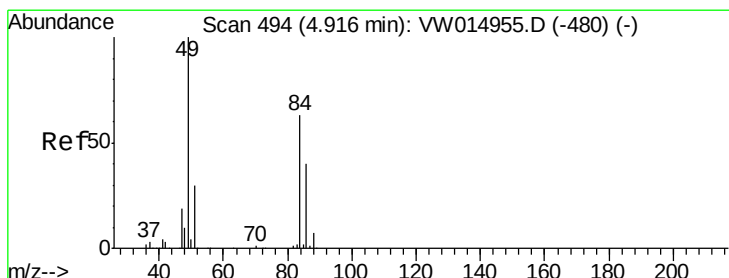
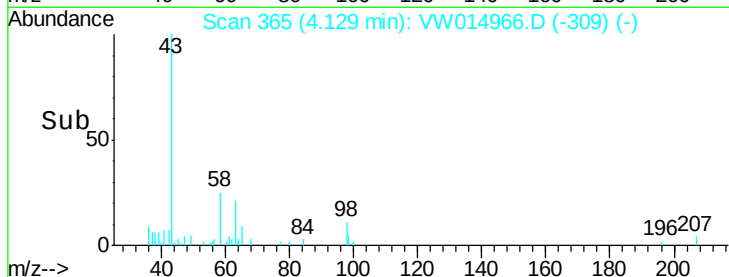
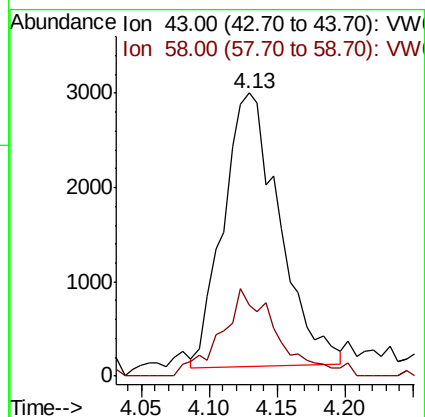
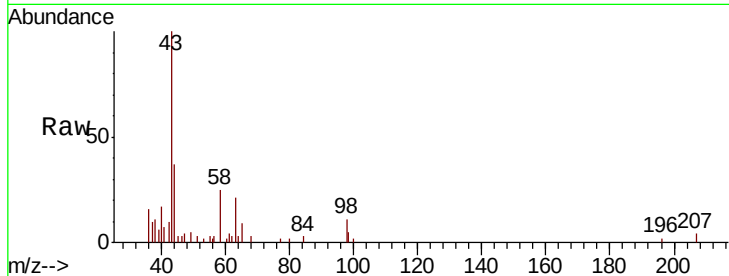
VHBLK01

Tot Ion: 43 Resp: 8365

Ion Ratio Lower Upper

43 100

58 12.3 0.0 60.4



#16

Methylene chloride

Concen: 1.814 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW014966.D

Acq: 11 Feb 2020 15:30

Tgt Ion: 84 Resp: 20957

Ion Ratio Lower Upper

84 100

49 142.1 95.8 177.8

86 64.3 44.2 82.2

