

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021920\  
 Data File : VW015010.D  
 Acq On : 19 Feb 2020 16:37  
 Operator : SY/VA  
 Sample : L1584-03  
 Misc : 3.79G/10ML/MSVOA W/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 COAMO

Quant Time: Feb 20 03:55:03 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM020520S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Feb 20 03:31:47 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 646159   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 583924   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 173448   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 157623   | 14.74    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 58.96%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 210505   | 24.58    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 98.32%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 318534   | 16.30    | ug/L | -0.01   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 65.20%  |
| 20) 2-Butanone-d5              | 7.07   | 46    | 157622   | 52.50    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 105.00% |
| 24) Chloroform-d               | 7.65   | 84    | 502821   | 27.41    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 109.64% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 314718   | 31.00    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 124.00% |
| 29) Benzene-d6                 | 8.27   | 84    | 943951   | 25.14    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 100.56% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 351796   | 28.75    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 115.00% |
| 37) Toluene-d8                 | 10.32  | 98    | 748001   | 22.63    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 90.52%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 98992    | 20.49    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 81.96%  |
| 39) 2-Hexanone-d5              | 10.92  | 63    | 103427   | 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    | 264318   | 28.68    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 114.72% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 170899   | 25.41    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 101.64% |

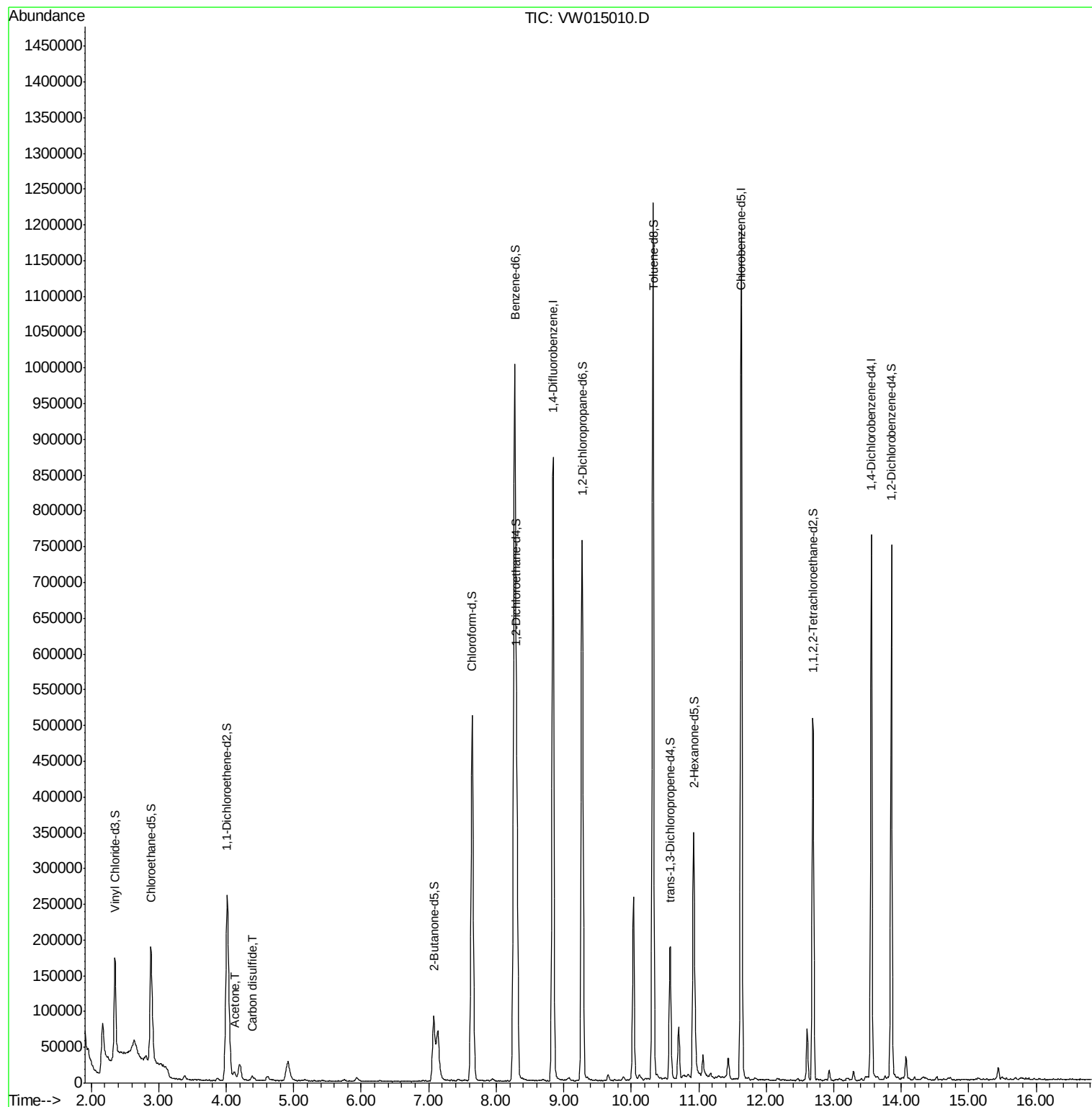
| Target Compounds     |      |    |       |              | Ovalue |
|----------------------|------|----|-------|--------------|--------|
| 13) Acetone          | 4.12 | 43 | 17439 | 5.628 ug/L   | 95     |
| 14) Carbon disulfide | 4.39 | 76 | 10673 | 0.388 ug/L # | 95     |

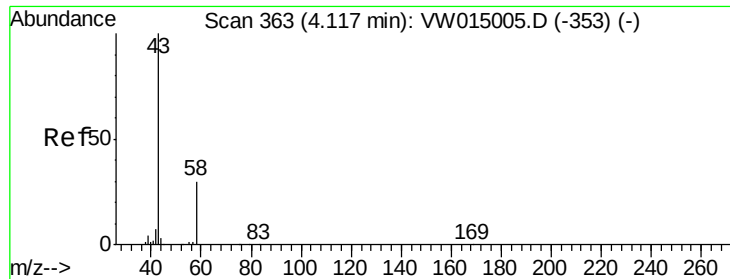
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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C0AM0

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM020520S.M  
Quant Title : VOC Analysis  
QLast Update : Thu Feb 20 03:31:47 2020  
Response via : Initial Calibration





#13

Acetone

Concen: 5.628 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW015010.D

Acq: 19 Feb 2020 16:37

Instrument :

MSVOA\_W

ClientSampled :

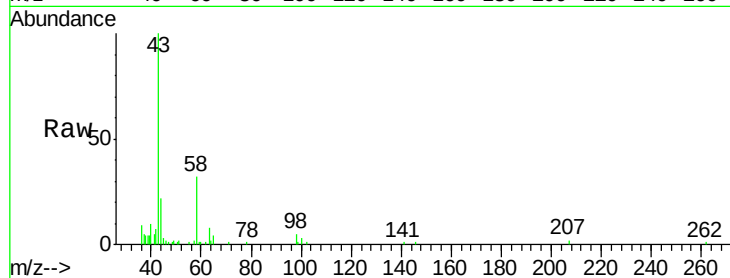
COAM0

Tot Ion: 43 Resp: 17439

Ion Ratio Lower Upper

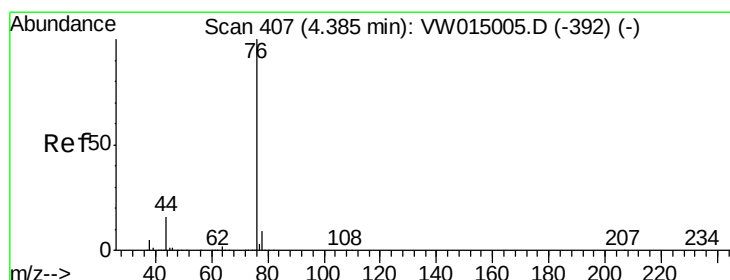
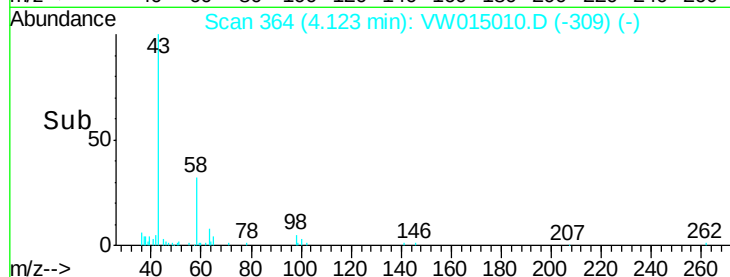
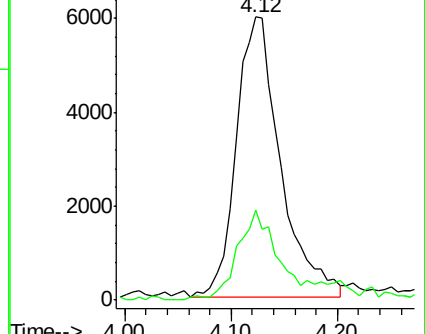
43 100

58 27.7 0.0 60.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 0.388 ug/L

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW015010.D

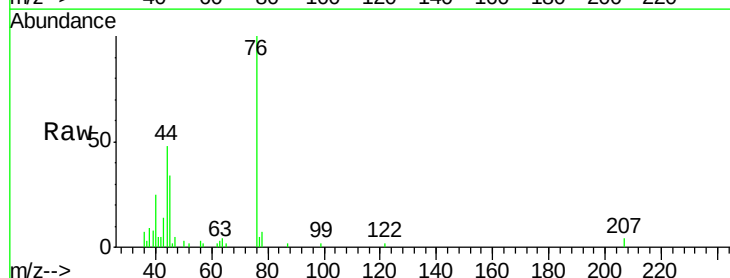
Acq: 19 Feb 2020 16:37

Tgt Ion: 76 Resp: 10673

Ion Ratio Lower Upper

76 100

78 6.9 7.0 10.6#



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

