

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081120\  
 Data File : VW016136.D  
 Acq On : 11 Aug 2020 15:12  
 Operator : SY/VA  
 Sample : L3599-05  
 Misc : 6.50G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GAY89

Quant Time: Aug 11 18:36:04 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM081020S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Aug 11 16:06:11 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 401634   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 319005   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 86225    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 105291   | 21.14    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 84.56%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 89918    | 23.79    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 95.16%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 180942   | 17.11    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 68.44%  |
| 20) 2-Butanone-d5              | 7.09   | 46    | 80160    | 61.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 122.36% |
| 24) Chloroform-d               | 7.65   | 84    | 245721   | 22.80    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 91.20%  |
| 26) 1,2-Dichloroethane-d4      | 8.30   | 65    | 143465   | 25.06    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 100.24% |
| 29) Benzene-d6                 | 8.27   | 84    | 473180   | 27.27    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 109.08% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 141426   | 27.71    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 110.84% |
| 37) Toluene-d8                 | 10.33  | 98    | 400744   | 25.18    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 100.72% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 55005    | 23.98    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 95.92%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 57315    | 65.11    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 130.22% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 117365   | 28.25    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 113.00% |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 84137    | 27.53    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 110.12% |

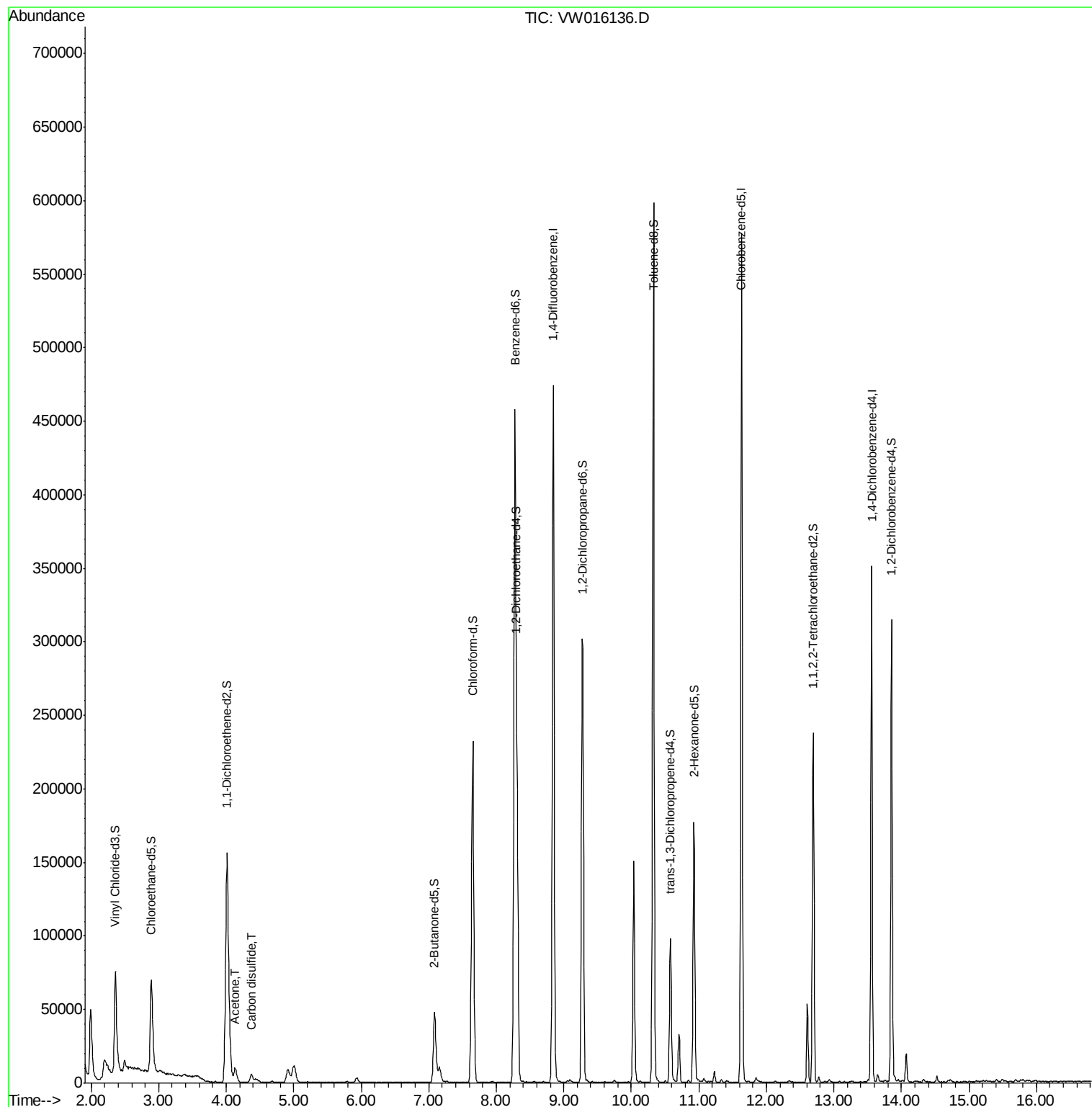
| Target Compounds     |      |    |       |              | Ovalue |
|----------------------|------|----|-------|--------------|--------|
| 13) Acetone          | 4.14 | 43 | 15842 | 15.982 ug/L  | 82     |
| 14) Carbon disulfide | 4.37 | 76 | 13314 | 0.823 ug/L # | 92     |

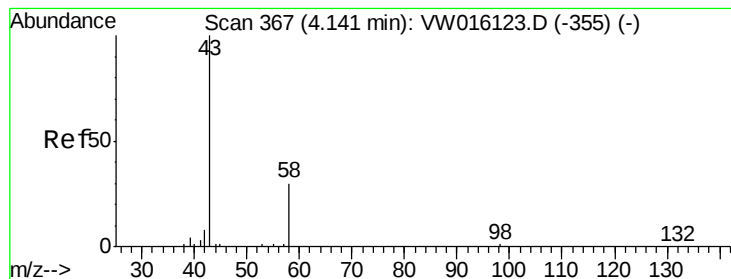
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 11 16:06:11 2020  
Response via : Initial Calibration





#13

Acetone

Concen: 15.982 ug/L

RT: 4.14 min Scan# 367

Delta R.T. -0.00 min

Lab File: VW016136.D

Acq: 11 Aug 2020 15:12

Instrument :

MSVOA\_W

ClientSampled :

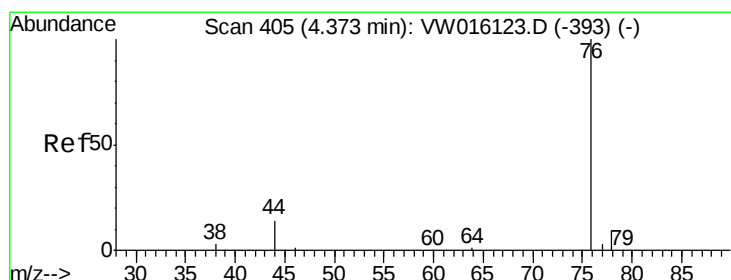
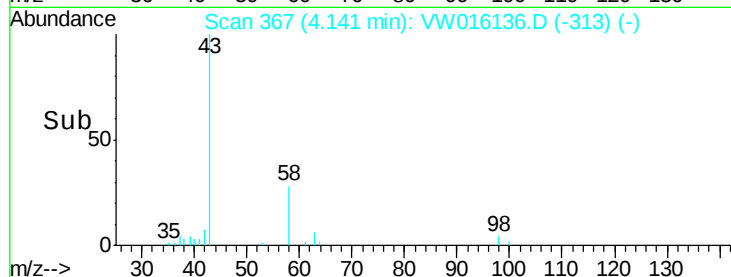
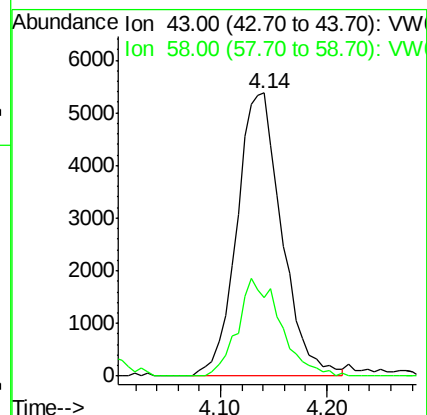
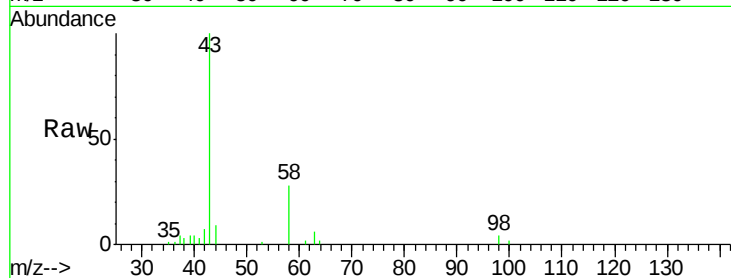
GAY89

Tot Ion: 43 Resp: 15842

Ion Ratio Lower Upper

43 100

58 20.3 0.0 59.4



#14

Carbon disulfide

Concen: 0.823 ug/L

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW016136.D

Acq: 11 Aug 2020 15:12

Tgt Ion: 76 Resp: 13314

Ion Ratio Lower Upper

76 100

78 11.5 7.0 10.4#

