

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW081120\  
 Data File : VW016126.D  
 Acq On : 11 Aug 2020 10:44  
 Operator : SY/VA  
 Sample : L3598-20  
 Misc : 6.28G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GAY76

Quant Time: Aug 11 16:09:18 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     | 8.85  | 114  | 438612   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 367501   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 120811   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 127686   | 23.48    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 93.92%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 93880    | 22.74    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 90.96%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 197114   | 17.07    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 68.28%  |
| 20) 2-Butanone-d5              | 7.09   | 46    | 79237    | 55.38    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 110.76% |
| 24) Chloroform-d               | 7.65   | 84    | 257386   | 21.87    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 87.48%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 147113   | 23.53    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 94.12%  |
| 29) Benzene-d6                 | 8.27   | 84    | 499417   | 24.98    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 99.92%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 147220   | 25.04    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 100.16% |
| 37) Toluene-d8                 | 10.33  | 98    | 426506   | 23.26    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 93.04%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 62937    | 23.82    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 95.28%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 61932    | 61.07    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 122.14% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 116122   | 24.26    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 97.04%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 96628    | 22.56    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 90.24%  |

## Target Compounds

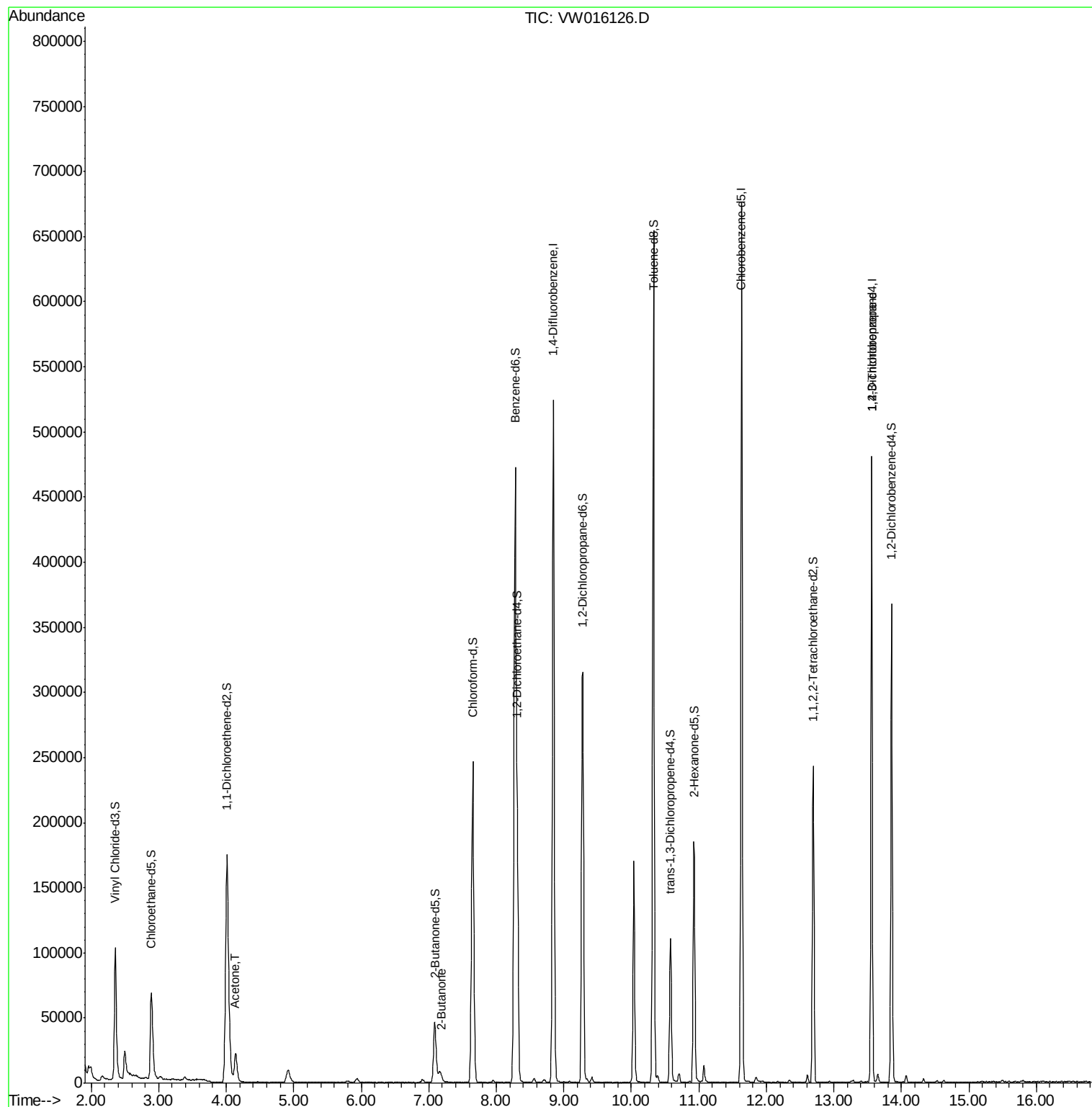
|                            |       |    |       |             | Qvalue |
|----------------------------|-------|----|-------|-------------|--------|
| 13) Acetone                | 4.14  | 43 | 39386 | 36.385 ug/L | 96     |
| 21) 2-Butanone             | 7.19  | 43 | 5420  | 3.159 ug/L  | 78     |
| 59) 1,2,3-Trichloropropane | 13.56 | 75 | 14866 | 4.105 ug/L  | 89     |

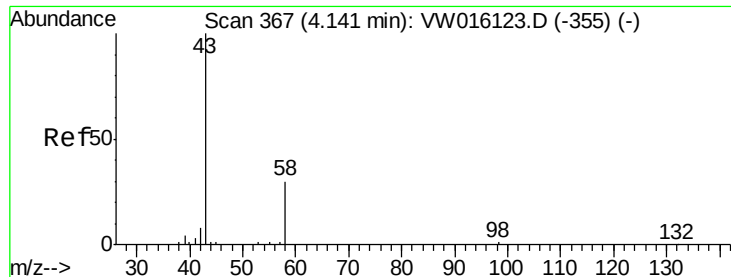
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 36.385 ug/L

RT: 4.14 min Scan# 367

Delta R.T. -0.00 min

Lab File: VW016126.D

Acq: 11 Aug 2020 10:44

Instrument :

MSVOA\_W

ClientSampleId :

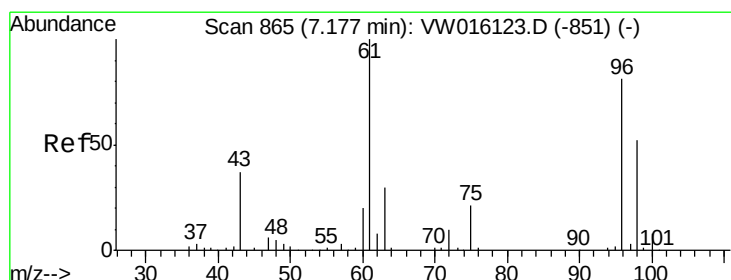
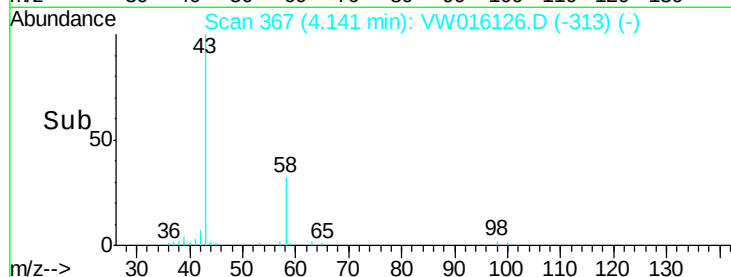
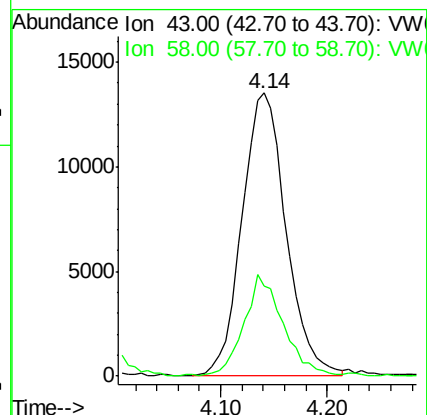
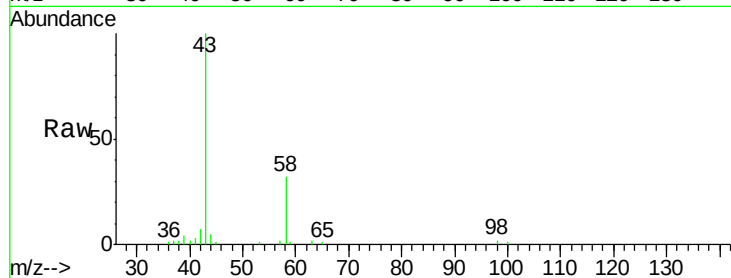
GAY76

Tgt Ion: 43 Resp: 39386

Ion Ratio Lower Upper

43 100

58 31.8 0.0 59.4



#21

2-Butanone

Concen: 3.159 ug/L

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW016126.D

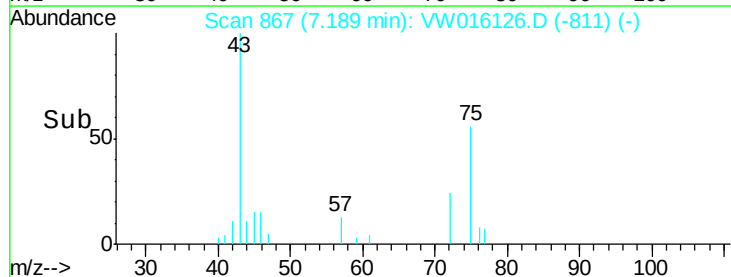
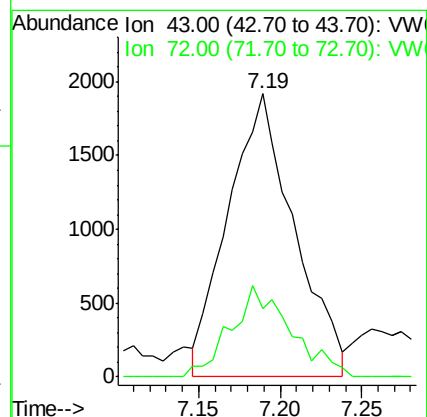
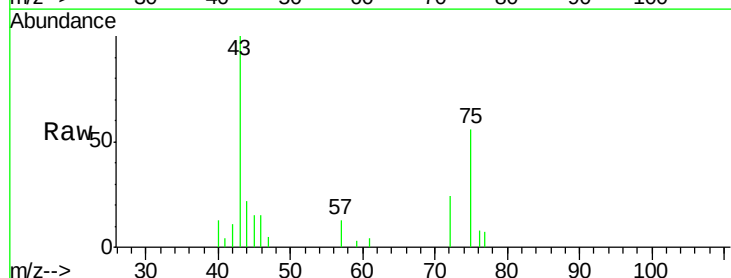
Acq: 11 Aug 2020 10:44

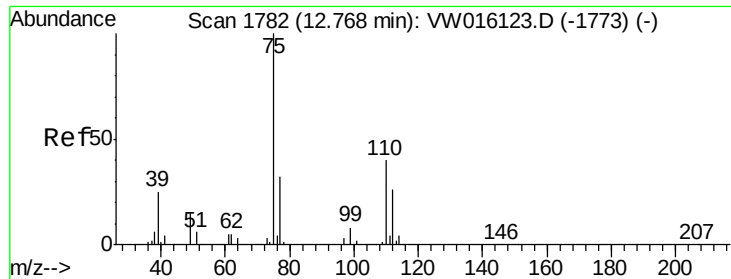
Tgt Ion: 43 Resp: 5420

Ion Ratio Lower Upper

43 100

72 16.4 13.9 41.7





#59

1,2,3-Trichloropropane

Concen: 4.105 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016126.D

Acq: 11 Aug 2020 10:44

Instrument :

MSVOA\_W

ClientSampleId :

GAY76

Tgt Ion: 75 Resp: 14866

Ion Ratio Lower Upper

75 100

77 38.8 25.9 38.9

