

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052620\  
 Data File : VW015483.D  
 Acq On : 26 May 2020 19:59  
 Operator : SY/VA  
 Sample : L2754-01  
 Misc : 15.11G/10.0mL/MSVOA W/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GAX91

Quant Time: May 27 03:23:01 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM052620S.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed May 27 01:05:50 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 338620   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 312305   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 132170   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 86957    | 28.02    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 112.08%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 85070    | 27.57    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 110.28%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 135080   | 17.87    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 71.48%   |
| 20) 2-Butanone-d5              | 7.08   | 46    | 83400    | 82.32    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 164.64%# |
| 24) Chloroform-d               | 7.65   | 84    | 196704   | 25.12    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 100.48%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 128696   | 29.54    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 118.16%  |
| 29) Benzene-d6                 | 8.27   | 84    | 389411   | 25.42    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 101.68%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 122076   | 26.23    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 104.92%  |
| 37) Toluene-d8                 | 10.32  | 98    | 358960   | 24.11    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 96.44%   |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 57583    | 26.74    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 106.96%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 70461    | 87.44    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 174.88%# |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 117086   | 33.41    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 133.64%# |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 109508   | 24.72    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 98.88%   |

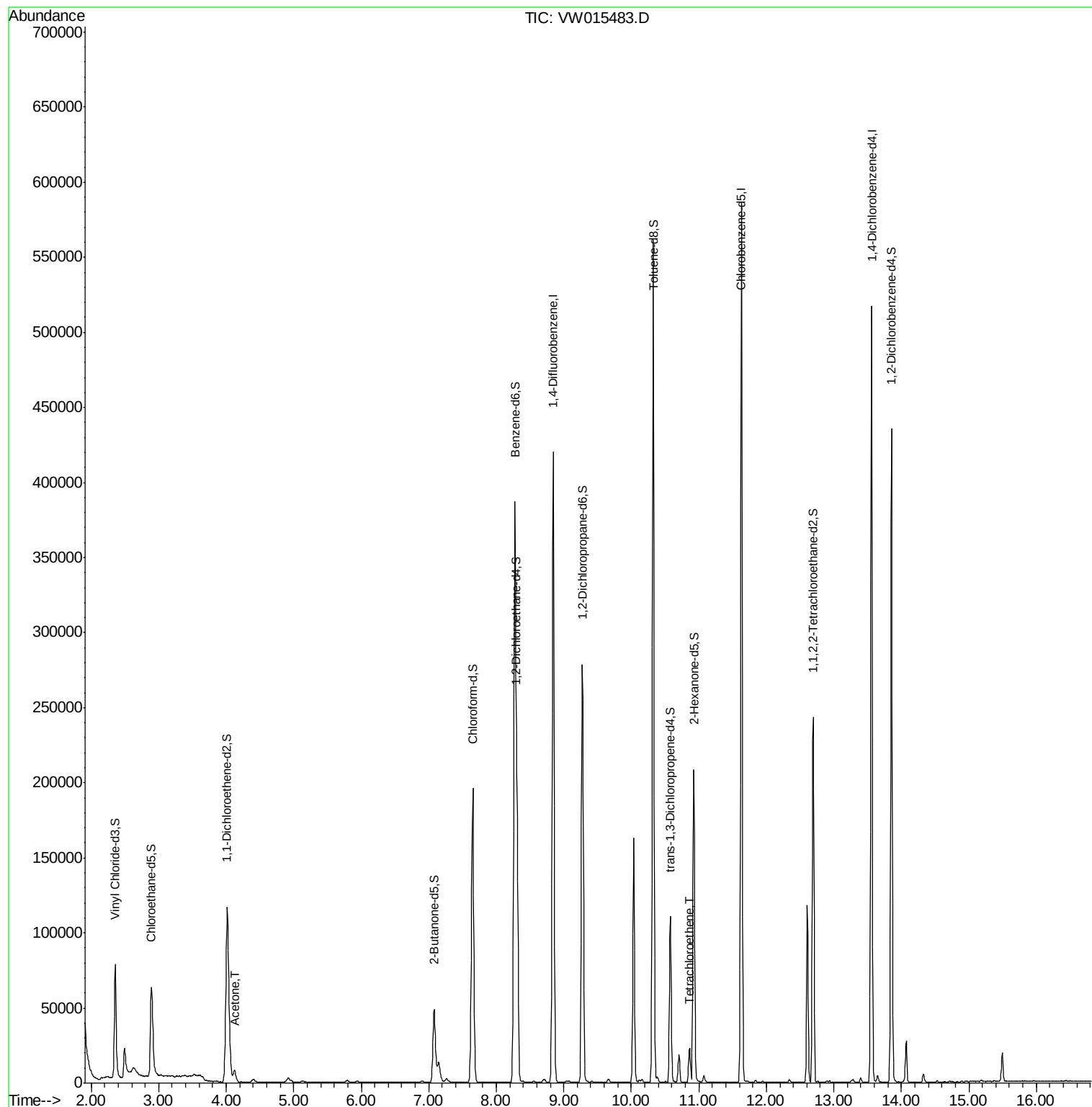
| Target Compounds      |       |     |       |             | Ovalue |
|-----------------------|-------|-----|-------|-------------|--------|
| 13) Acetone           | 4.13  | 43  | 13012 | 16.614 ug/L | 100    |
| 47) Tetrachloroethene | 10.87 | 164 | 5132  | 1.380 ug/L  | 92     |

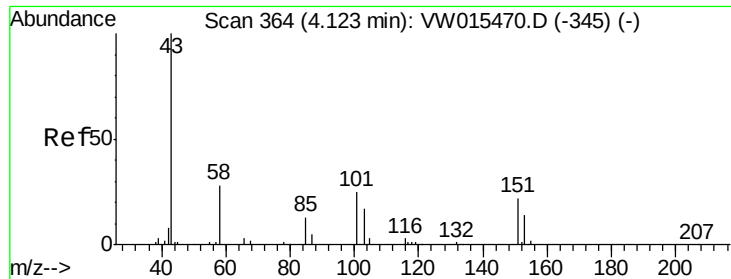
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_W  
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GAX91

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM052620S.M  
Quant Title : VOC Analysis  
QLast Update : Wed May 27 01:05:50 2020  
Response via : Initial Calibration





#13

Acetone

Concen: 16.614 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW015483.D

Acq: 26 May 2020 19:59

Instrument :

MSVOA\_W

ClientSampled :

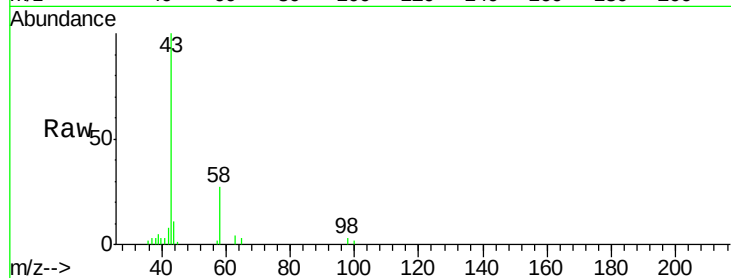
GAX91

Tot Ion: 43 Resp: 13012

Ion Ratio Lower Upper

43 100

58 28.6 0.0 56.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

5000

4000

3000

2000

1000

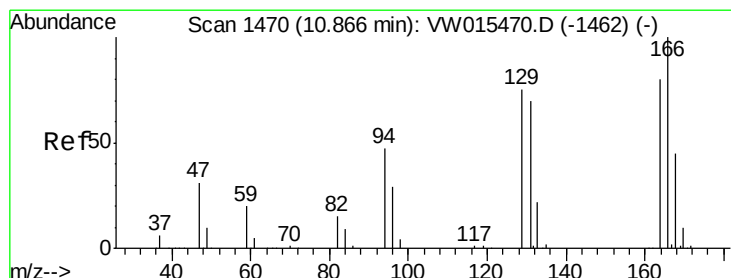
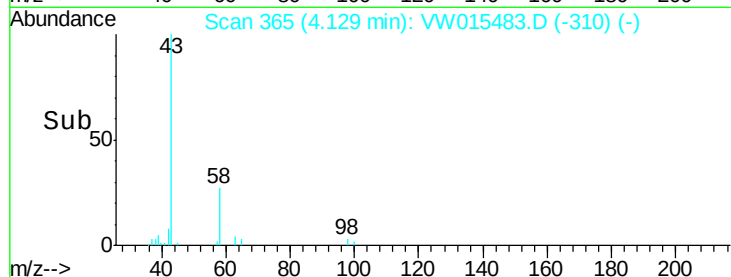
0

Time-->

4.00

4.10

4.20



#47

Tetrachloroethene

Concen: 1.380 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW015483.D

Acq: 26 May 2020 19:59

Tgt Ion: 164 Resp: 5132

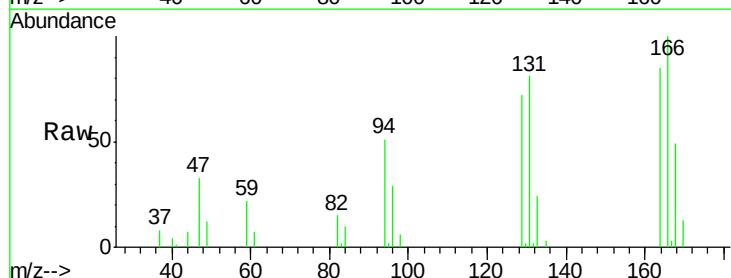
Ion Ratio Lower Upper

164 100

129 84.1 66.3 123.1

131 95.2 65.1 120.9

166 117.2 90.8 168.6



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

5000

4000

3000

2000

1000

0

Time-->

10.80

10.85

10.90

