

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050520\  
 Data File : VW015393.D  
 Acq On : 05 May 2020 11:08  
 Operator : SY/VA  
 Sample : L2435-07  
 Misc : 5.60G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0AG5

Quant Time: May 05 16:58:19 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM050420S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue May 05 16:36:15 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 354904   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 320036   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 146837   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 69229    | 15.59    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 62.36% |
| 7) Chloroethane-d5             | 2.89   | 69    | 75723    | 17.69    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 70.76% |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 116447   | 12.89    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 51.56% |
| 20) 2-Butanone-d5              | 7.08   | 46    | 43247    | 36.46    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 72.92% |
| 24) Chloroform-d               | 7.65   | 84    | 169967   | 18.96    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 75.84% |
| 26) 1,2-Dichloroethane-d4      | 8.30   | 65    | 94558    | 19.03    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 76.12% |
| 29) Benzene-d6                 | 8.27   | 84    | 340818   | 19.46    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 77.84% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 104876   | 19.76    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 79.04% |
| 37) Toluene-d8                 | 10.32  | 98    | 330274   | 19.61    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 78.44% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 44541    | 18.44    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 73.76% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 34905    | 35.60    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 71.20% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 73108    | 18.29    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 73.16% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 104945   | 20.38    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 81.52% |

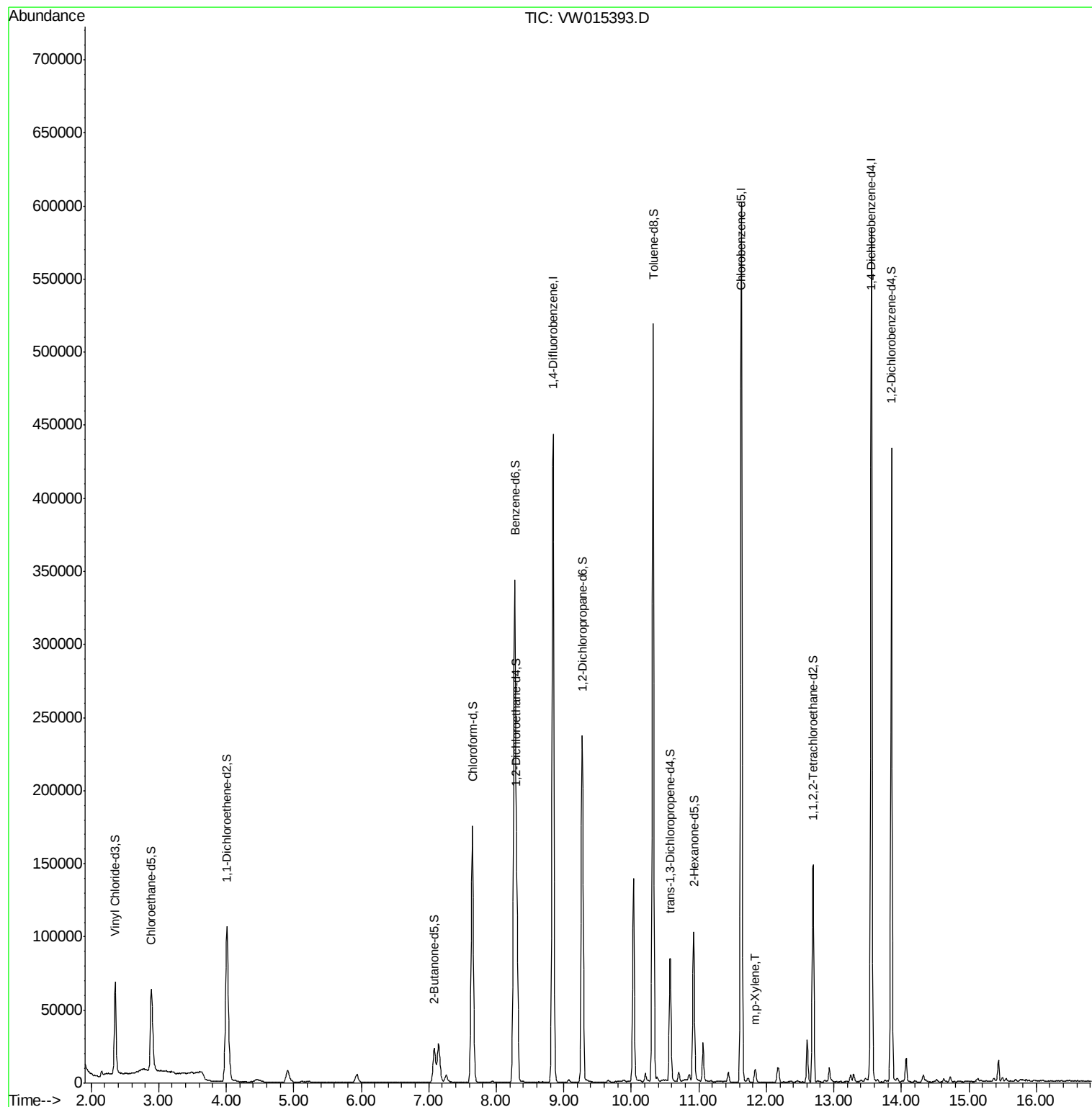
| Target Compounds |       |     |      |            | Ovalue |
|------------------|-------|-----|------|------------|--------|
| 54) m,p-Xylene   | 11.83 | 106 | 2557 | 0.287 ug/L | 91     |

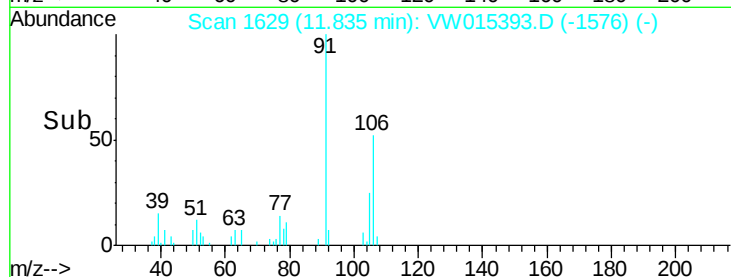
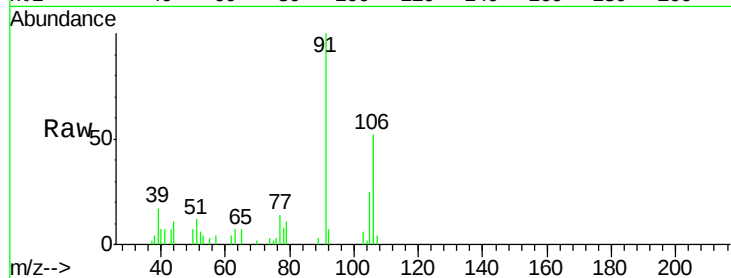
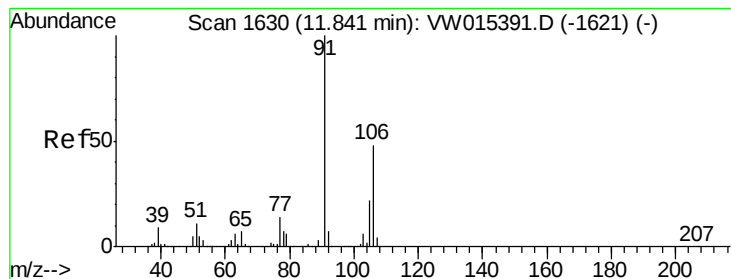
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Tue May 05 16:36:15 2020  
Response via : Initial Calibration





#54

m,p-Xylene

Concen: 0.287 ug/L

RT: 11.83 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW015393.D

Acq: 05 May 2020 11:08

Instrument :

MSVOA\_W

ClientSampleId :

C0AG5

Tot Ion:106 Resp: 2557

Ion Ratio Lower Upper

106 100

91 193.0 145.0 269.4

