

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120619\  
 Data File : VW014252.D  
 Acq On : 06 Dec 2019 16:24  
 Operator : SY/VA  
 Sample : K6172-03  
 Misc : 5.39G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0BS9

Manual Integrations  
 APPROVED

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 12/9/2019 2:04:46 PM

Quant Time: Dec 07 04:59:34 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM120519S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Dec 07 04:10:05 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 1113206  | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 863002   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 235758   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 435264   | 25.82    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 103.28%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 350143   | 27.94    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 111.76%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 581483m  | 19.53    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 78.12%   |
| 20) 2-Butanone-d5              | 7.07   | 46    | 159030   | 36.20    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 72.40%   |
| 24) Chloroform-d               | 7.65   | 84    | 768223   | 27.10    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 108.40%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 389204m  | 26.19    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 104.76%  |
| 29) Benzene-d6                 | 8.27   | 84    | 1603521  | 31.70    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 126.80%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 509549   | 32.75    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 131.00%# |
| 37) Toluene-d8                 | 10.32  | 98    | 1307447  | 28.59    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 114.36%  |
| 38) trans-1,3-Dichloropropene- | 10.57  | 79    | 154113   | 23.61    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 94.44%   |
| 39) 2-Hexanone-d5              | 10.92  | 63    | 125181   | 40.46    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 80.92%   |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 327712   | 25.84    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 103.36%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 299042   | 33.19    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 132.76%# |

| Target Compounds |       |    |       |            | Ovalue |
|------------------|-------|----|-------|------------|--------|
| 44) Toluene      | 10.39 | 91 | 20780 | 0.363 ug/L | 97     |

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

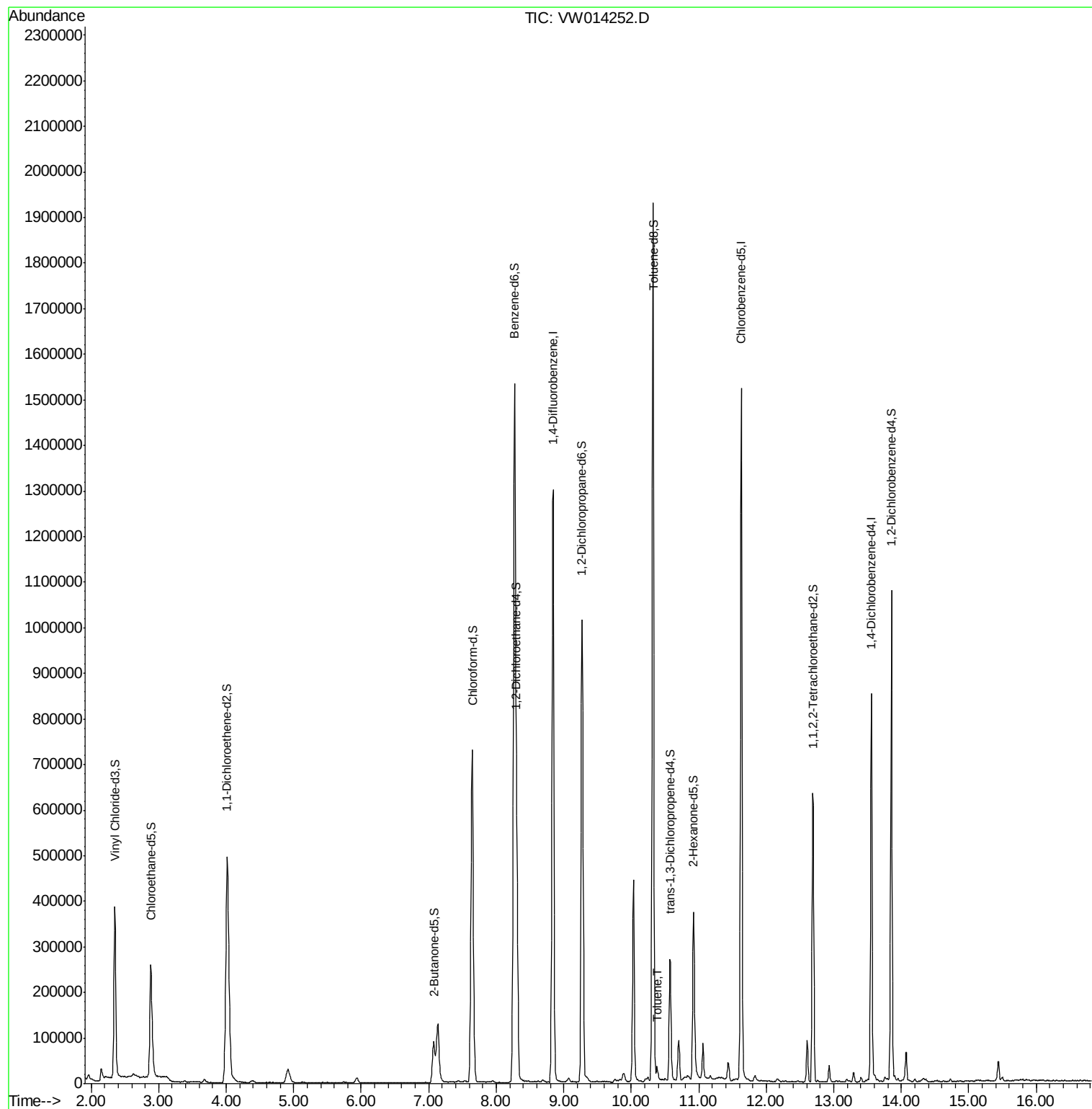
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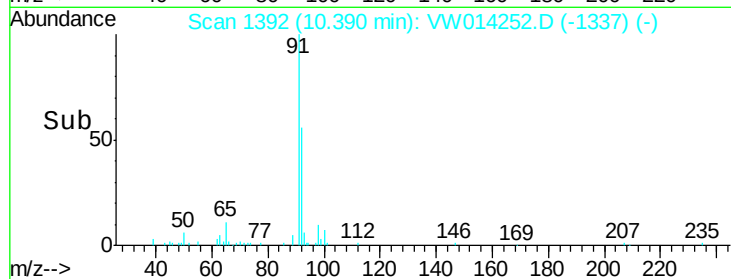
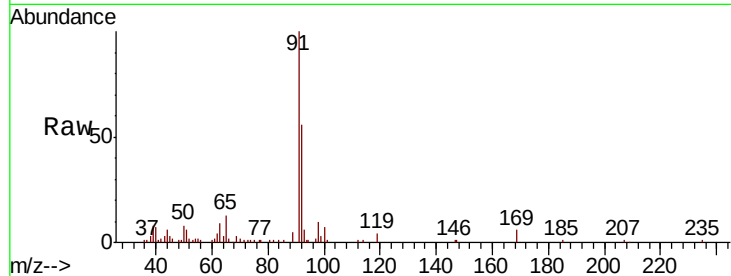
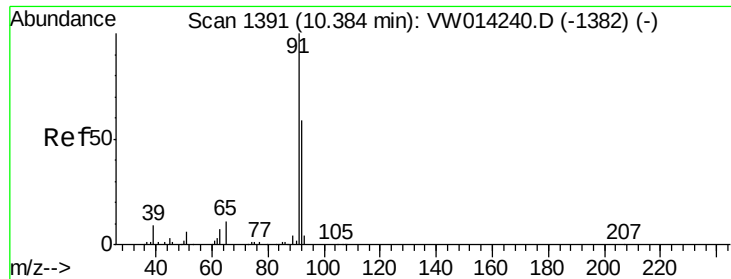
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Quant Title : VOC Analysis  
QLast Update : Sat Dec 07 04:10:05 2019  
Response via : Initial Calibration





#44

Toluene

Concen: 0.363 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW014252.D

Acq: 06 Dec 2019 16:24

Tot Ion: 91 Resp: 20780

Ion Ratio Lower Upper

91 100

92 55.9 40.7 75.7

Instrument :

MSVOA\_W

ClientSampleId :

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