

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032219\  
 Data File : VW009340.D  
 Acq On : 22 Mar 2019 10:56  
 Operator : SY/VA  
 Sample : VW0322SBL01  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VBLK08

Manual Integrations  
 APPROVED

MMDadoda  
 3/25/2019 8:29:27 AM

Quant Time: Mar 23 00:22:16 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM031419S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Mar 23 00:14:14 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 438587   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 412137   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 194120   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 134626   | 25.69    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 102.76% |
| 7) Chloroethane-d5             | 2.90   | 69    | 127667   | 20.82    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 83.28%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 203011   | 17.92    | ug/L | -0.01   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 71.68%  |
| 20) 2-Butanone-d5              | 7.08   | 46    | 84440    | 38.96    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 77.92%  |
| 24) Chloroform-d               | 7.65   | 84    | 277944   | 23.22    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 92.88%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 164563   | 22.82    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 91.28%  |
| 29) Benzene-d6                 | 8.27   | 84    | 533970   | 23.49    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 93.96%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 160553   | 23.52    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 94.08%  |
| 37) Toluene-d8                 | 10.32  | 98    | 485414   | 23.10    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 92.40%  |
| 38) trans-1,3-Dichloropropene- | 10.57  | 79    | 70736    | 20.63    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 82.52%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 60889    | 36.83    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 73.66%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 138494   | 20.60    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 82.40%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 178645   | 24.00    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 96.00%  |

| Target Compounds       |      |    |       | Ovalue     |
|------------------------|------|----|-------|------------|
| 16) Methylene chloride | 4.92 | 84 | 9378m | 1.466 ug/L |

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

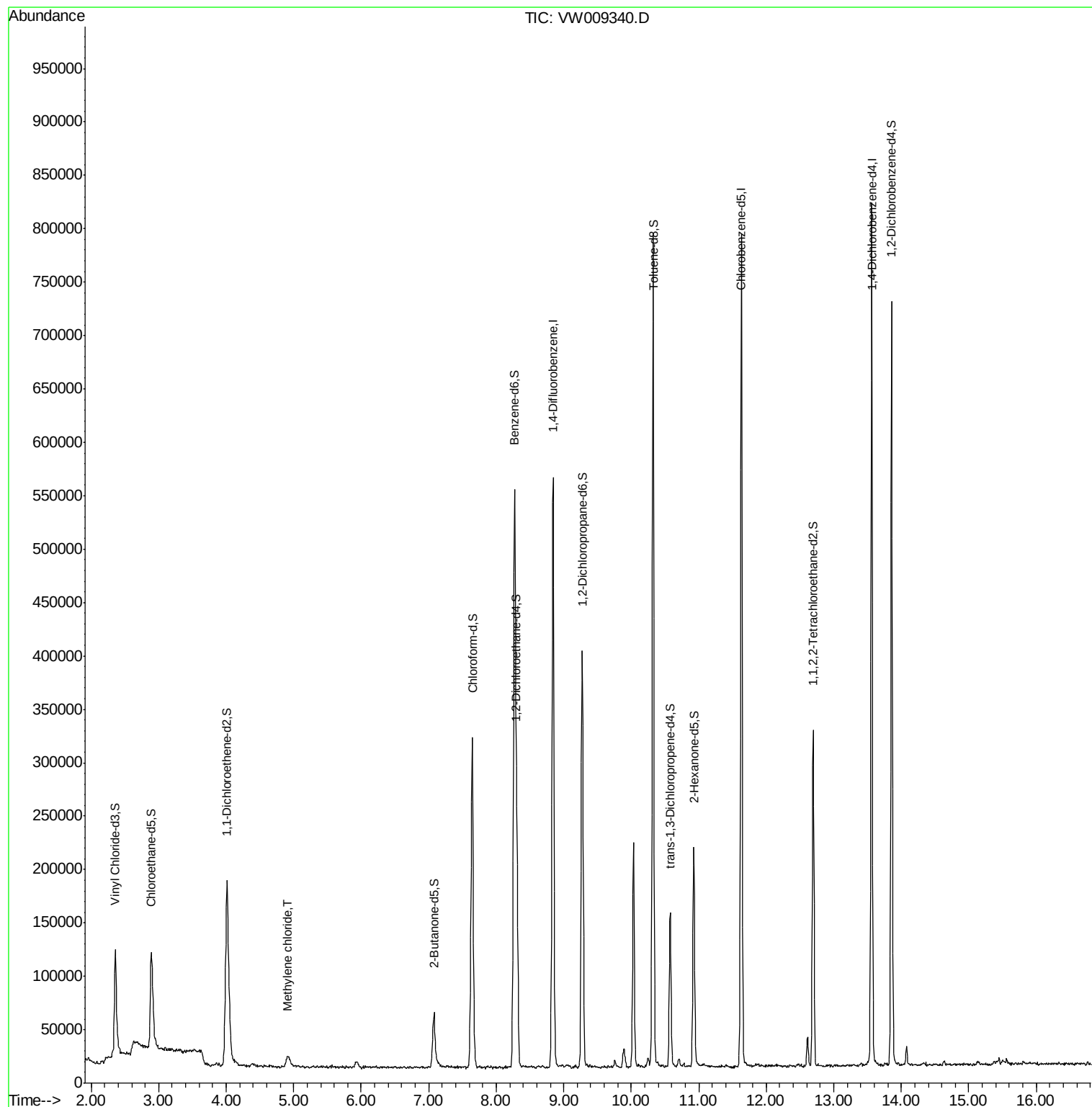
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032219\  
Data File : VW009340.D  
Acq On : 22 Mar 2019 10:56  
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Sample : VW0322SBL01  
Misc : 5.00G/10ML/MSVOA W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

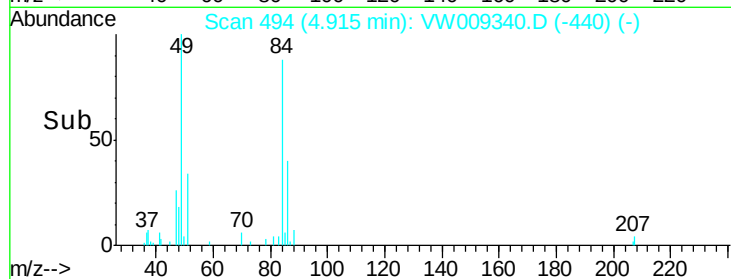
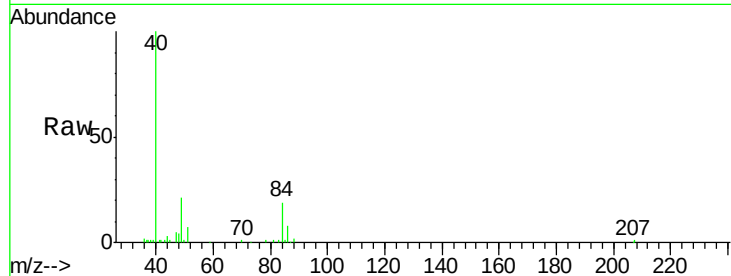
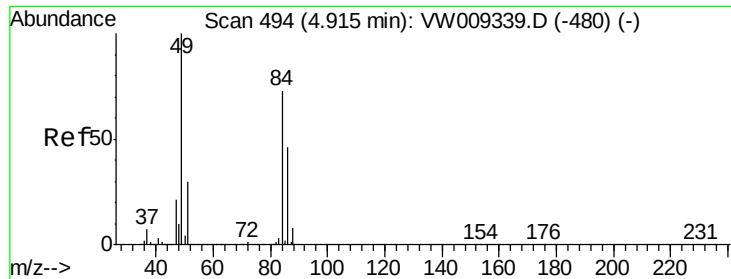
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Quant Title : VOC Analysis  
QLast Update : Sat Mar 23 00:14:14 2019  
Response via : Initial Calibration





#16  
Methylene chloride  
Concen: 1.466 ug/L m  
RT: 4.92 min Scan# 494  
Delta R.T. 0.00 min  
Lab File: VW009340.D  
Acq: 22 Mar 2019 10:56

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 114.5 | 96.0  | 178.2 |
| 86      | 44.2  | 44.4  | 82.5# |

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