

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW100318\  
 Data File : VW005812.D  
 Acq On : 03 Oct 2018 14:12  
 Operator : SY/AP  
 Sample : J5180-16RE  
 Misc : 4.53G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 JLC25RE

Manual Integrations  
 APPROVED

MMDadoda  
 10/5/2018 7:12:49 PM

Quant Time: Oct 04 05:46:19 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM092818S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Oct 04 05:16:38 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 138647   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.64 | 117  | 127979   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 33949    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 24677    | 13.96    | ug/L | -0.01  |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 55.84% |
| 7) Chloroethane-d5             | 2.89   | 69    | 22561    | 16.36    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 65.44% |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 44102    | 11.43    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 45.72% |
| 20) 2-Butanone-d5              | 7.09   | 46    | 18690m   | 32.94    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 65.88% |
| 24) Chloroform-d               | 7.65   | 84    | 75172    | 21.10    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 84.40% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 43639    | 20.23    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 80.92% |
| 29) Benzene-d6                 | 8.28   | 84    | 117943   | 18.62    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 74.48% |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 38284    | 20.91    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 83.64% |
| 37) Toluene-d8                 | 10.33  | 98    | 102021   | 16.31    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 65.24% |
| 38) trans-1,3-Dichloropropene- | 10.59  | 79    | 16144    | 16.79    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 67.16% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 12870    | 30.01    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 60.02% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.70  | 84    | 29289    | 16.47    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 65.88% |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 22884    | 19.05    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 76.20% |

| Target Compounds       | R.T. | QIon | Response | Conc  | Units | Qvalue |
|------------------------|------|------|----------|-------|-------|--------|
| 16) Methylene chloride | 4.92 | 84   | 21956    | 9.604 | ug/L  | 91     |

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

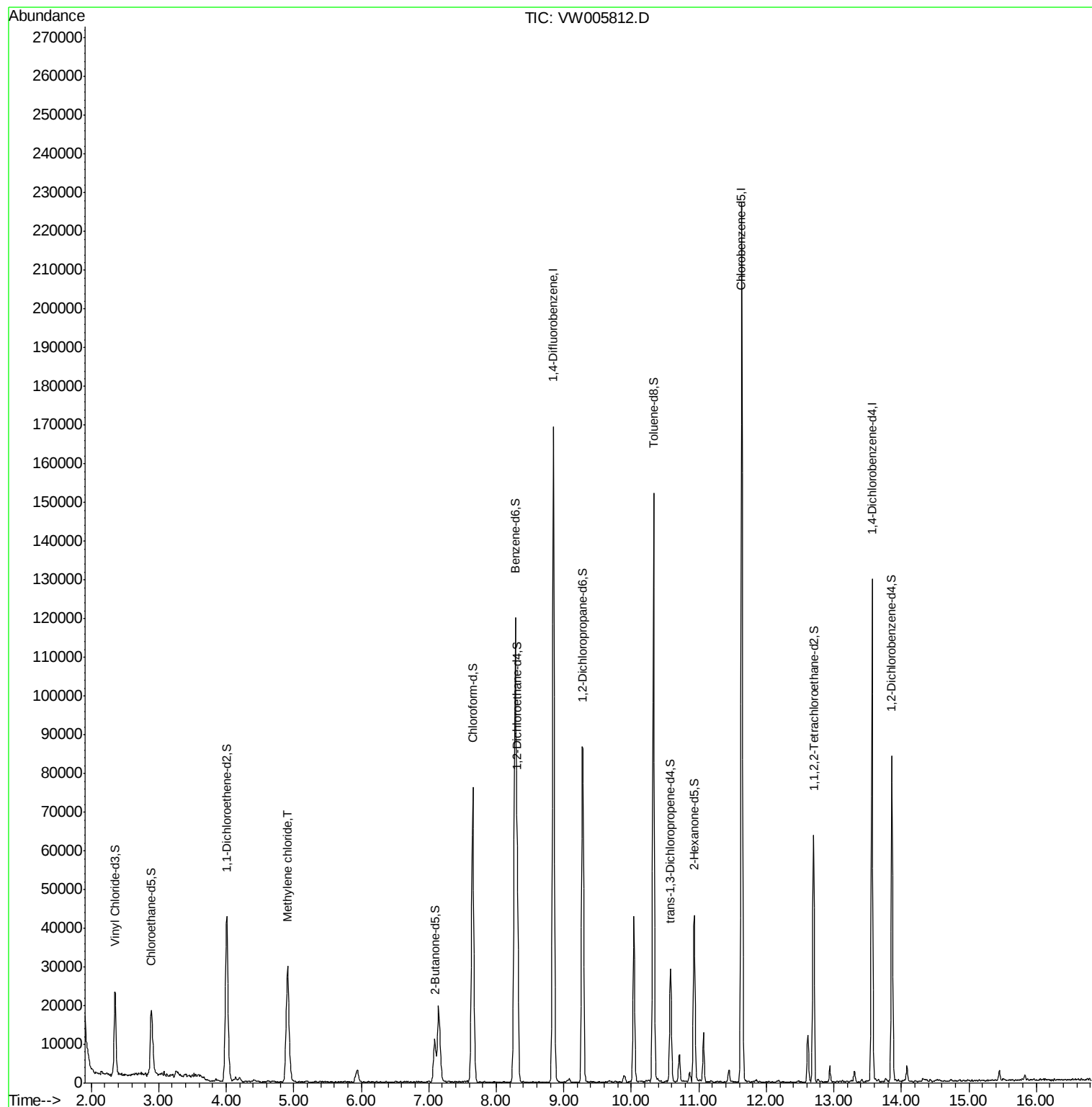
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_W\DATA\VW100318\  
Data File : VW005812.D  
Acq On : 03 Oct 2018 14:12  
Operator : SY/AP  
Sample : J5180-16RE  
Misc : 4.53G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

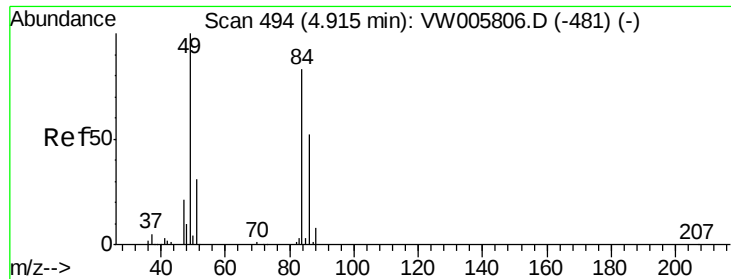
Instrument :  
MSVOA\_W  
ClientSampleId :  
JLC25RE

Manual Integrations  
APPROVED

MMDadoda  
10/5/2018 7:12:49 PM

Quant Time: Oct 04 05:46:19 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM092818S.M  
Quant Title : VOC Analysis  
QLast Update : Thu Oct 04 05:16:38 2018  
Response via : Initial Calibration





#16  
Methylene chloride  
Concen: 9.604 ug/L  
RT: 4.92 min Scan# 494  
Delta R.T. -0.00 min  
Lab File: VW005812.D  
Acq: 03 Oct 2018 14:12

Instrument :  
MSVOA\_W  
ClientSampleId :  
JLC25RE

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 111.6 | 87.2  | 162.0 |
| 86      | 64.4  | 43.2  | 80.2  |

Manual Integrations  
APPROVED

MMDadoda  
10/5/2018 7:12:49 PM

