

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081820\  
 Data File : VW016232.D  
 Acq On : 18 Aug 2020 11:29  
 Operator : SY/VA  
 Sample : L3709-02  
 Misc : 6.13G/10ML/MSVOA W/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BFSQ5

Manual Integrations  
 APPROVED

MMDadoda  
 8/19/2020 5:24:14 PM

Quant Time: Aug 19 06:17:53 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM081020S.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Aug 19 05:49:31 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 394345   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 357605   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 153079   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 91789    | 18.77    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 75.08% |
| 7) Chloroethane-d5             | 2.90   | 69    | 74836    | 20.17    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 80.68% |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 157062   | 15.13    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 60.52% |
| 20) 2-Butanone-d5              | 7.09   | 46    | 43034    | 33.45    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 66.90% |
| 24) Chloroform-d               | 7.65   | 84    | 221467   | 20.93    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 83.72% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 106501   | 18.95    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 75.80% |
| 29) Benzene-d6                 | 8.28   | 84    | 433557   | 22.29    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 89.16% |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 128183   | 22.41    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 89.64% |
| 37) Toluene-d8                 | 10.33  | 98    | 396425   | 22.22    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 88.88% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 50181    | 19.52    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 78.08% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 35475    | 35.95    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 71.90% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 95662    | 20.54    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 82.16% |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 130852   | 24.11    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 96.44% |

| Target Compounds       |      |    |        | Ovalue     |
|------------------------|------|----|--------|------------|
| 16) Methylene chloride | 4.91 | 84 | 15080m | 2.422 ug/L |

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

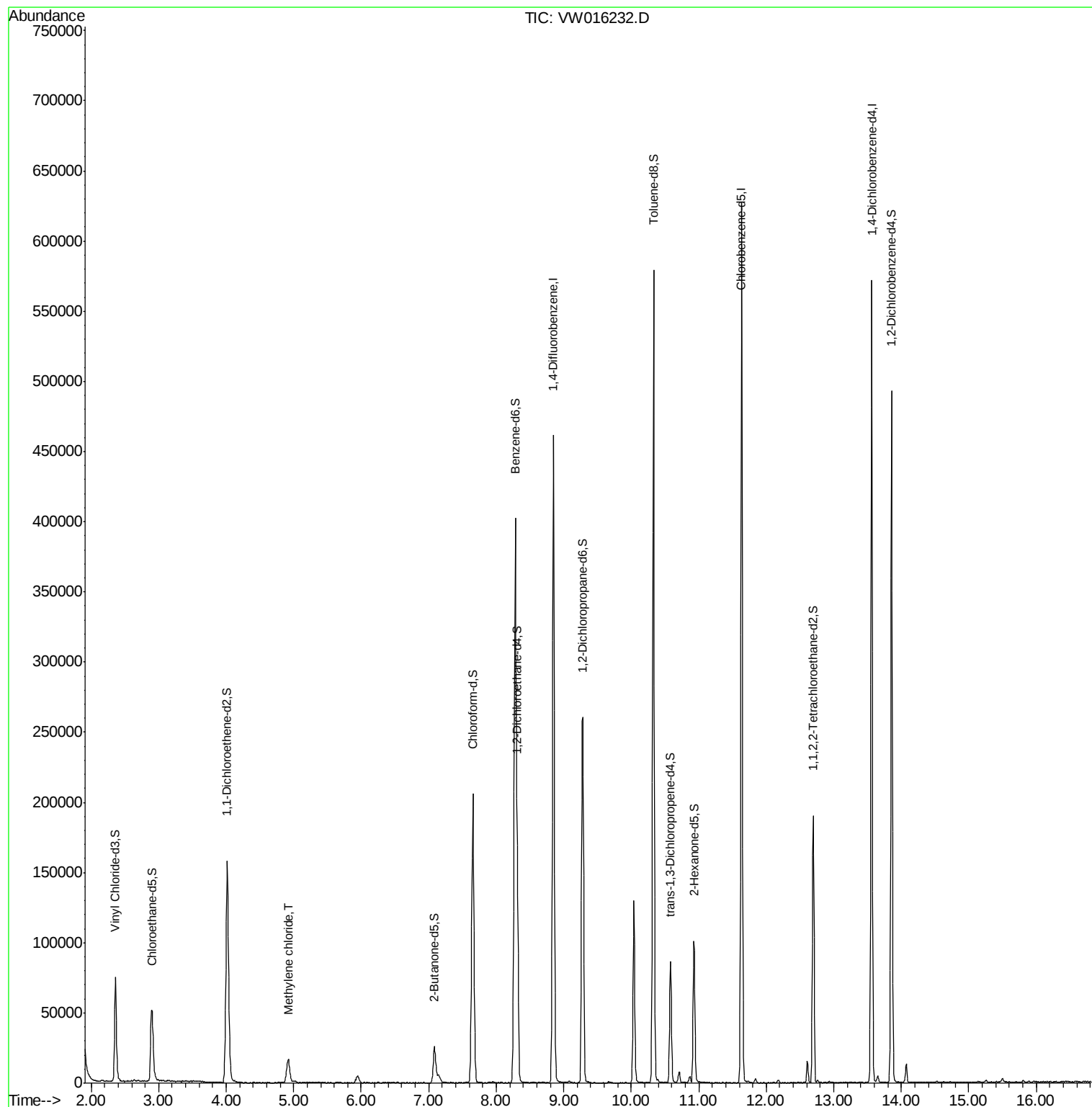
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081820\  
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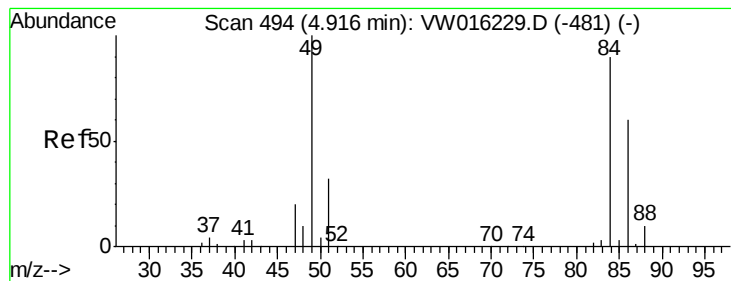
Instrument :  
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Quant Time: Aug 19 06:17:53 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM081020S.M  
Quant Title : VOC Analysis  
QLast Update : Wed Aug 19 05:49:31 2020  
Response via : Initial Calibration





#16  
Methvlene chloride  
Concen: 2.422 ug/L m  
RT: 4.91 min Scan# 493  
Delta R.T. -0.01 min  
Lab File: VW016232.D  
Acq: 18 Aug 2020 11:29

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFSQ5

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 84    | Resp: | 15080 |
| Ion Ratio | Lower | Upper |       |
| 84        | 100   |       |       |
| 49        | 93.8  | 80.4  | 149.4 |
| 86        | 55.1  | 43.8  | 81.3  |

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