

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081820\  
 Data File : VW016231.D  
 Acq On : 18 Aug 2020 11:06  
 Operator : SY/VA  
 Sample : L3702-06  
 Misc : 6.37G/10ML/MSVOA W/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BFSP1

Quant Time: Aug 19 06:14:00 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  | 434159   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 390856   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 164826   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 92592    | 17.20    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 68.80%  |
| 7) Chloroethane-d5             | 2.90   | 69    | 75598    | 18.50    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 74.00%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 158925   | 13.90    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 55.60%  |
| 20) 2-Butanone-d5              | 7.08   | 46    | 40746    | 28.77    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 57.54%  |
| 24) Chloroform-d               | 7.65   | 84    | 229029   | 19.66    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 78.64%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 107762   | 17.41    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 69.64%# |
| 29) Benzene-d6                 | 8.27   | 84    | 448267   | 21.08    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 84.32%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 130201   | 20.82    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 83.28%  |
| 37) Toluene-d8                 | 10.33  | 98    | 404505   | 20.74    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 82.96%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 49497    | 17.61    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 70.44%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 32876    | 30.48    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 60.96%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 91943    | 18.06    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 72.24%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 138659   | 23.73    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 94.92%  |

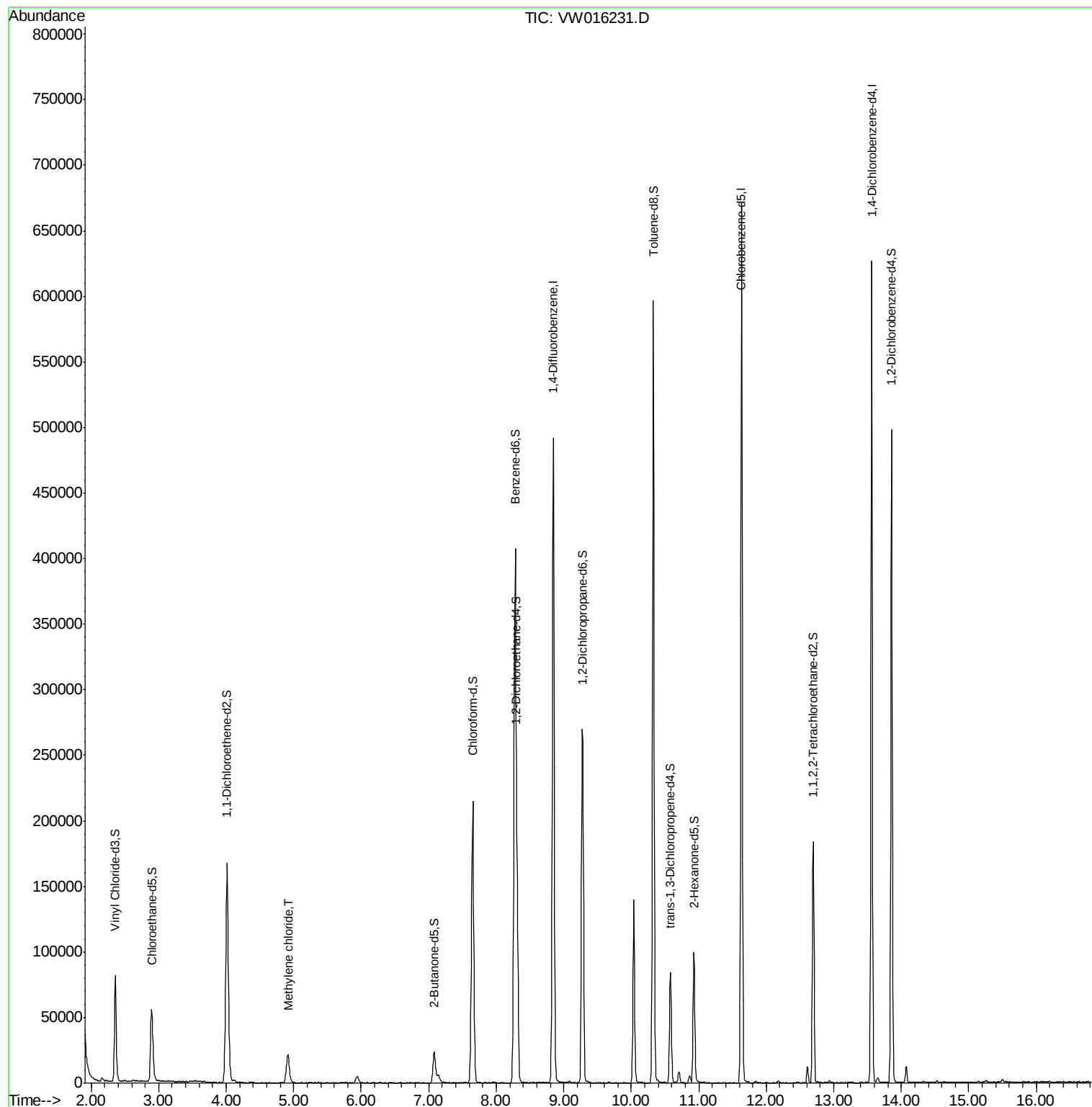
| Target Compounds       |      |    |       |            | Ovalue |
|------------------------|------|----|-------|------------|--------|
| 16) Methylene chloride | 4.91 | 84 | 18125 | 2.644 ug/L | 90     |

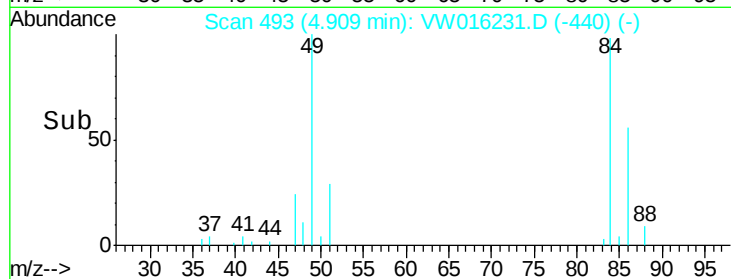
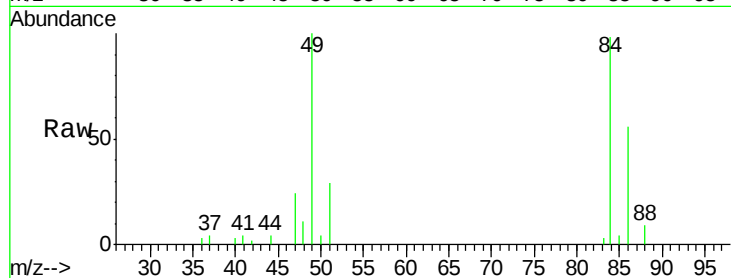
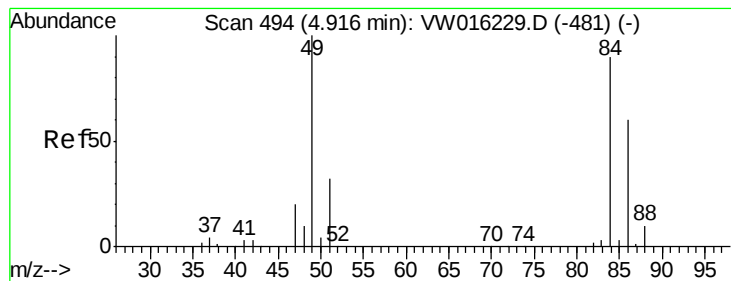
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 2.644 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW016231.D

Acq: 18 Aug 2020 11:06

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFSP1

Tot Ion: 84 Resp: 18125

Ion Ratio Lower Upper

84 100

49 102.2 80.4 149.4

86 57.4 43.8 81.3

