

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121818\  
 Data File : VV009032.D  
 Acq On : 19 Dec 2018 00:28  
 Operator : SY/MD  
 Sample : J6419-01  
 Misc : 4.54G/10ML/MSVOA V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BF008

Quant Time: Dec 19 07:46:32 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM120618S.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Dec 19 07:18:27 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 237316   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 199585   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 71577    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31   | 65    | 52252    | 21.28    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 85.12%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 49441    | 27.25    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 109.00% |
| 10) 1,1-Dichloroethene-d2      | 2.13   | 63    | 105458   | 17.18    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 68.72%  |
| 20) 2-Butanone-d5              | 3.94   | 46    | 28690    | 32.09    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 64.18%  |
| 24) Chloroform-d               | 4.40   | 84    | 140763   | 24.67    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 98.68%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 87125    | 27.98    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 111.92% |
| 29) Benzene-d6                 | 5.10   | 84    | 279046   | 25.03    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 100.12% |
| 33) 1,2-Dichloropropane-d6     | 6.12   | 67    | 86619    | 27.76    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 111.04% |
| 37) Toluene-d8                 | 7.36   | 98    | 240762   | 23.34    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 93.36%  |
| 38) trans-1,3-Dichloropropene- | 7.67   | 79    | 26667    | 19.45    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 77.80%  |
| 39) 2-Hexanone-d5              | 8.14   | 63    | 15870    | 27.76    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 55.52%  |
| 48) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 61709    | 23.57    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 94.28%  |
| 61) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 63573    | 23.67    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 94.68%  |

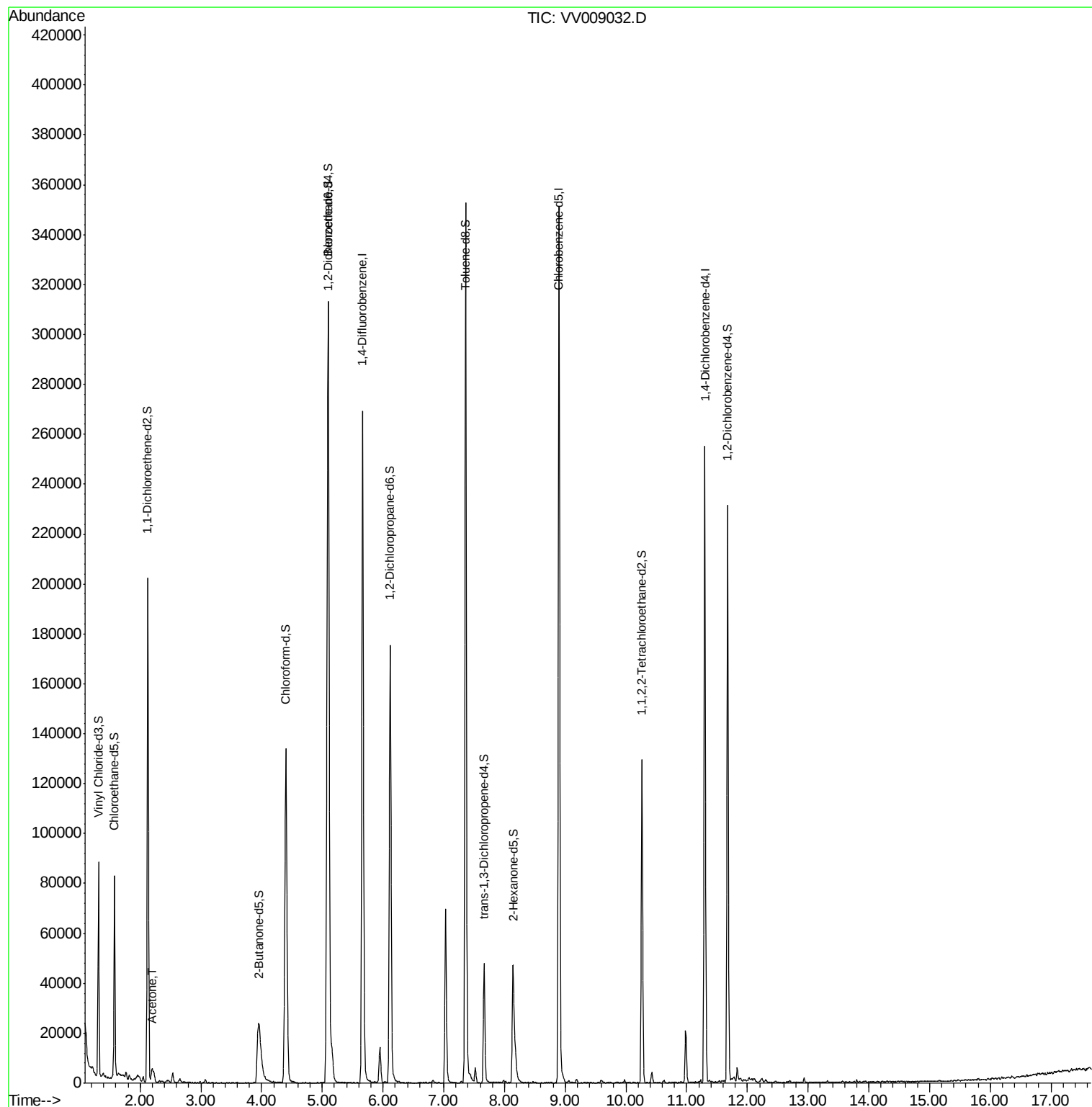
| Target Compounds |      |    |      |            | Ovalue |
|------------------|------|----|------|------------|--------|
| 13) Acetone      | 2.20 | 43 | 7554 | 5.734 ug/L | 92     |

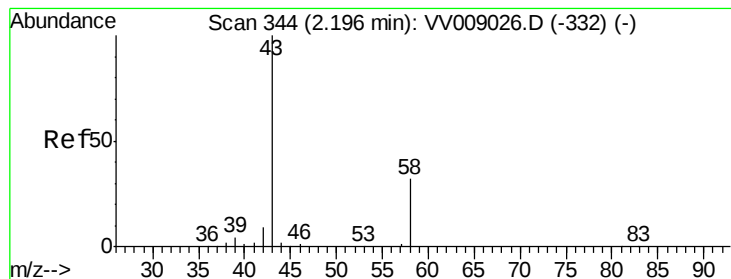
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.734 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.00 min

Lab File: VV009032.D

Acq: 19 Dec 2018 00:28

Instrument :  
MSVOA\_V  
ClientSampleId :  
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Tot Ion: 43 Resp: 7554

Ion Ratio Lower Upper

43 100

58 28.4 0.0 65.4

