

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031320\  
 Data File : VV014928.D  
 Acq On : 14 Mar 2020 01:09  
 Operator : SY/MD  
 Sample : L1916-03  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0EP4

Manual Integrations  
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Quant Time: Mar 16 04:05:12 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM030620WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Mar 16 01:36:12 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 385174   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 378832   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 184151   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 86101    | 33.03    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 66.06%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 70397    | 34.16    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 68.32%# |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 113523   | 26.21    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 52.42%# |
| 21) 2-Butanone-d5              | 3.94    | 46    | 157759m  | 81.15    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 81.15%  |
| 24) Chloroform-d               | 4.38    | 84    | 210018   | 42.55    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 85.10%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 143321   | 42.75    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 85.50%  |
| 32) Benzene-d6                 | 5.08    | 84    | 423735   | 42.36    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 84.72%  |
| 36) 1,2-Dichloropropane-d6     | 6.10    | 67    | 130040   | 39.22    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 78.44%  |
| 41) Toluene-d8                 | 7.34    | 98    | 404763   | 41.32    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 82.64%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 60422    | 37.33    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 74.66%  |
| 47) 2-Hexanone-d5              | 8.12    | 63    | 129289   | 87.83    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 87.83%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 190147   | 41.70    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 83.40%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 169416   | 46.42    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 92.84%  |

| Target Compounds |      |    |      |            | Ovalue |
|------------------|------|----|------|------------|--------|
| 25) Chloroform   | 4.41 | 83 | 7225 | 1.381 ug/L | 89     |

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

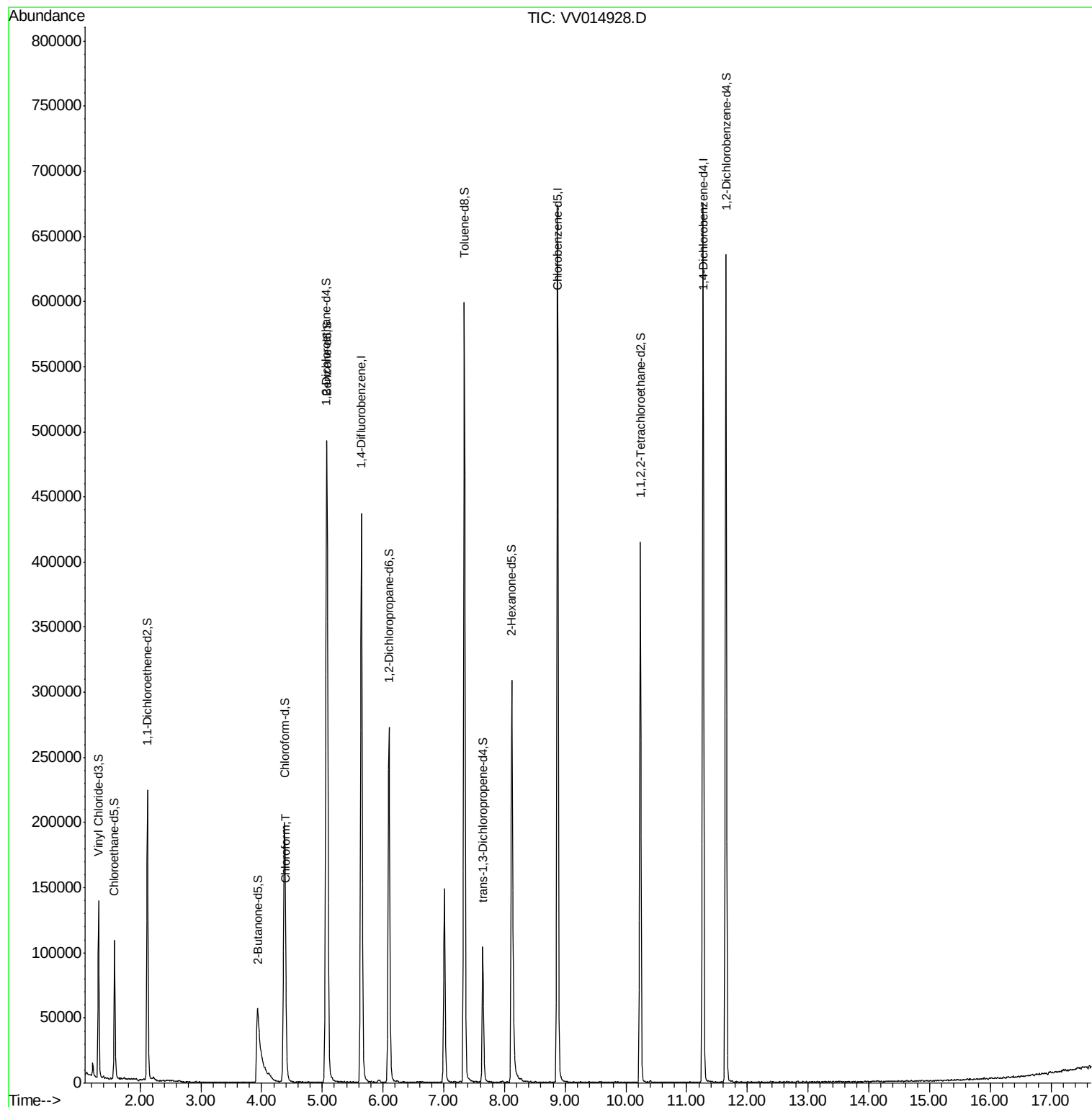
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV031320\  
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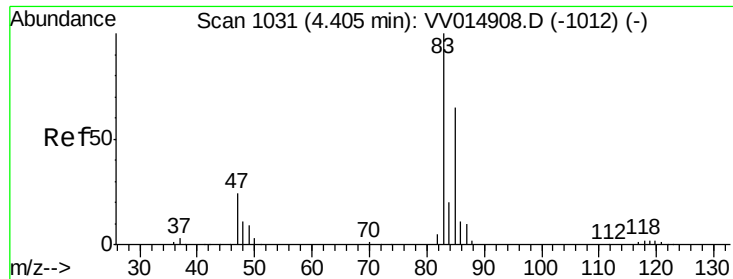
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM030620WMA.M  
Quant Title : VOC Analysis  
QLast Update : Mon Mar 16 01:36:12 2020  
Response via : Initial Calibration





#25  
 Chloroform  
 Concen: 1.381 ug/L  
 RT: 4.41 min Scan# 1031  
 Delta R.T. -0.00 min  
 Lab File: VV014928.D  
 Acq: 14 Mar 2020 01:09

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0EP4

| Tot Ion | 83   | 85 | Ratio | Lower | Upper |
|---------|------|----|-------|-------|-------|
| Resp:   | 7225 |    |       |       |       |
| Ion     | 83   | 85 | 100   | 73.3  | 77.7  |
| Ratio   |      |    |       | 45.1  | 83.9  |

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