

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031320\  
 Data File : VV014924.D  
 Acq On : 13 Mar 2020 23:32  
 Operator : SY/MD  
 Sample : L1916-07  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0EP8

Quant Time: Mar 16 03:48:53 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  | 393428   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 384764   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 181631   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 91768    | 34.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 68.94%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 74091    | 35.20    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 70.40%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 118683   | 26.83    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 53.66%# |
| 21) 2-Butanone-d5              | 3.93    | 46    | 123190   | 62.04    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 62.04%  |
| 24) Chloroform-d               | 4.38    | 84    | 214312   | 42.51    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 85.02%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 146618   | 42.82    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 85.64%  |
| 32) Benzene-d6                 | 5.08    | 84    | 439588   | 43.27    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 86.54%  |
| 36) 1,2-Dichloropropane-d6     | 6.10    | 67    | 133649   | 39.69    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 79.38%  |
| 41) Toluene-d8                 | 7.34    | 98    | 412887   | 41.50    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 83.00%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 62216    | 37.84    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 75.68%  |
| 47) 2-Hexanone-d5              | 8.12    | 63    | 130393   | 87.22    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 87.22%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 194981   | 42.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 84.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 171085   | 47.52    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 95.04%  |

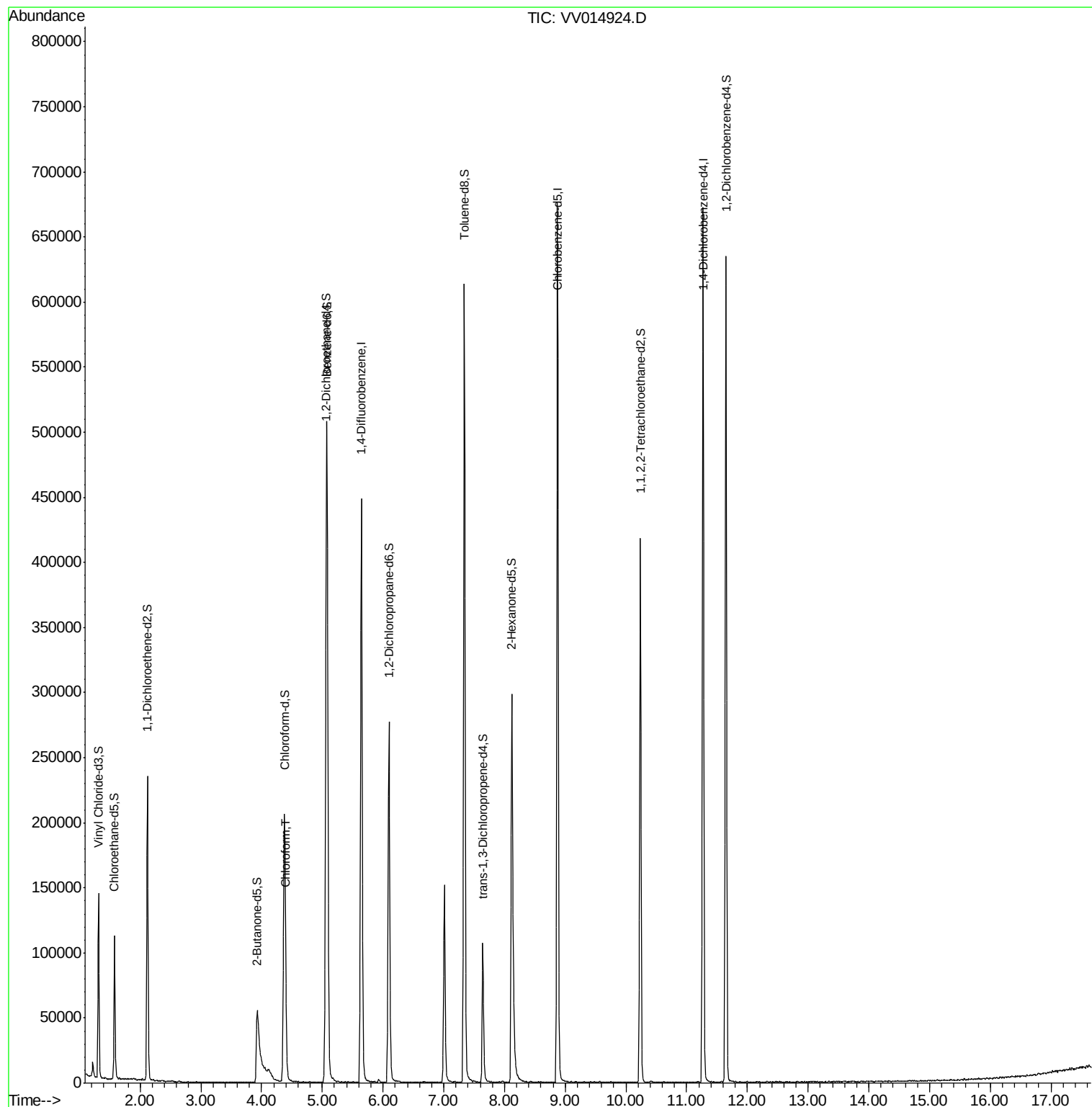
| Target Compounds |      |    |      |            | Ovalue |
|------------------|------|----|------|------------|--------|
| 25) Chloroform   | 4.41 | 83 | 6854 | 1.283 ug/L | 98     |

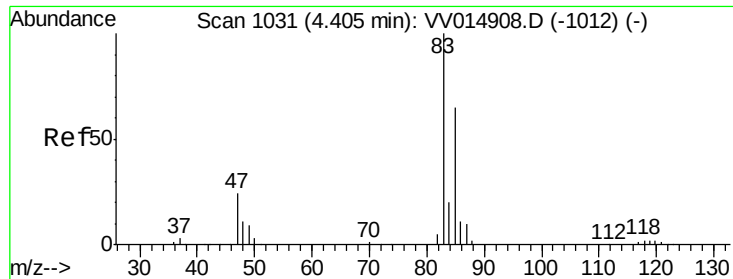
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV031320\  
Data File : VV014924.D  
Acq On : 13 Mar 2020 23:32  
Operator : SY/MD  
Sample : L1916-07  
Misc : 5.0mL/MSVOA V/WATER  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
C0EP8

Quant Time: Mar 16 03:48:53 2020  
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: 1.283 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VV014924.D

Acq: 13 Mar 2020 23:32

Instrument :  
MSVOA\_V  
ClientSampleId :  
C0EP8

Tot Ion: 83 Resp: 6854

Ion Ratio Lower Upper

83 100

85 63.1 45.1 83.9

