

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV011720\  
 Data File : VV014326.D  
 Acq On : 17 Jan 2020 10:11  
 Operator : SY/MD  
 Sample : VV0117WBL01  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK51

Quant Time: Jan 17 23:01:46 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR010220WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Jan 17 22:51:36 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 815863   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 750321   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 345901   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 231355   | 4.05     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 81.00% |
| 7) Chloroethane-d5             | 1.58   | 69    | 187803   | 4.26     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 85.20% |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 282351   | 3.35     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 67.00% |
| 20) 2-Butanone-d5              | 3.95   | 46    | 564090   | 41.14    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 82.28% |
| 24) Chloroform-d               | 4.40   | 84    | 503076   | 4.56     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 91.20% |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 255264   | 4.62     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 92.40% |
| 32) Benzene-d6                 | 5.10   | 84    | 1093260  | 4.88     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 97.60% |
| 36) 1,2-Dichloropropane-d6     | 6.11   | 67    | 344680   | 4.97     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 99.40% |
| 41) Toluene-d8                 | 7.36   | 98    | 969944   | 4.74     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 94.80% |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 134830   | 4.39     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 87.80% |
| 46) 2-Hexanone-d5              | 8.13   | 63    | 587052   | 45.15    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 90.30% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 232707   | 4.79     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 95.80% |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 315830   | 4.86     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 97.20% |

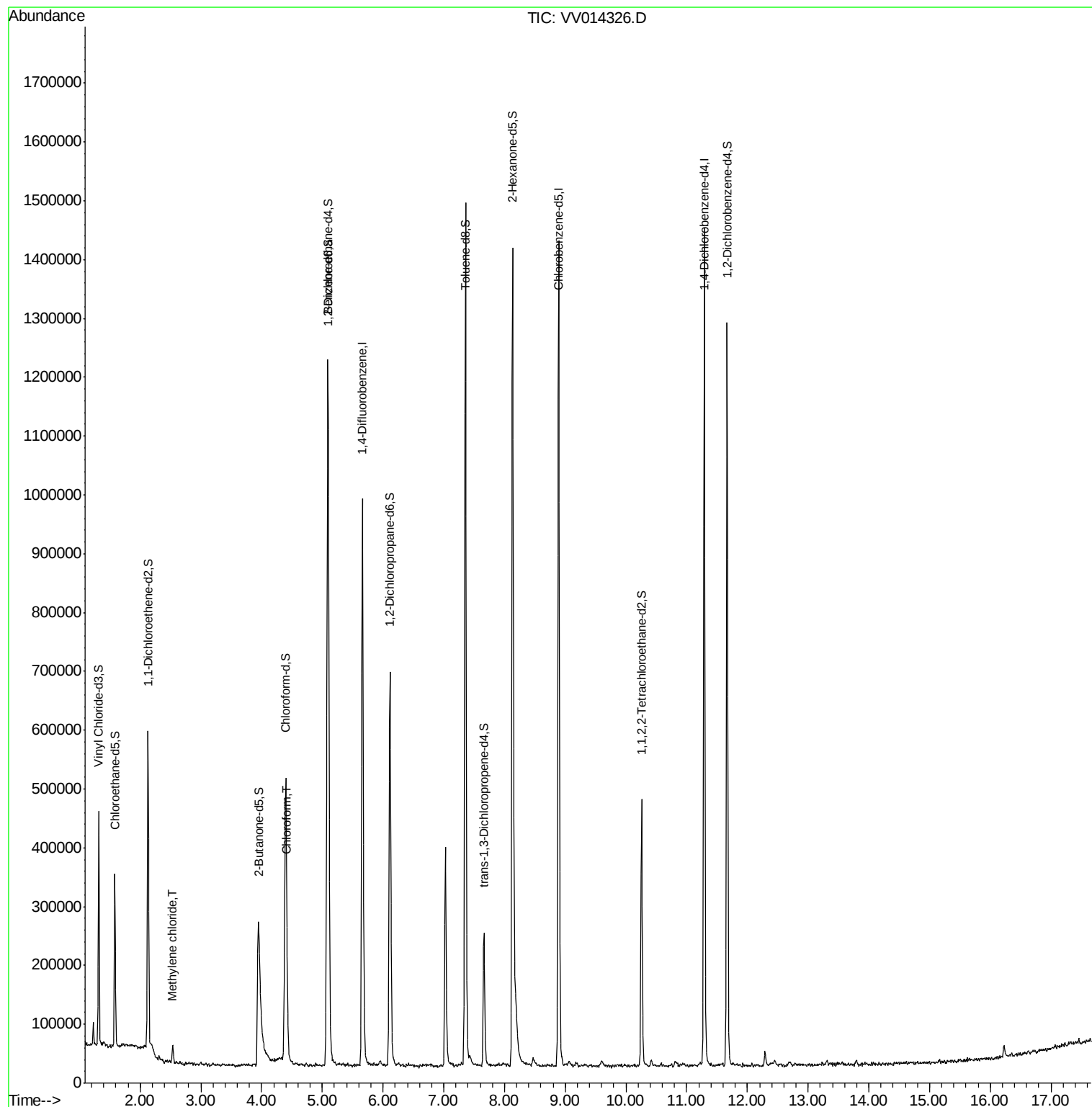
| Target Compounds       |      |    |       |            | Ovalue |
|------------------------|------|----|-------|------------|--------|
| 16) Methylene chloride | 2.53 | 84 | 13445 | 0.227 ug/L | 95     |
| 25) Chloroform         | 4.42 | 83 | 19212 | 0.187 ug/L | 96     |

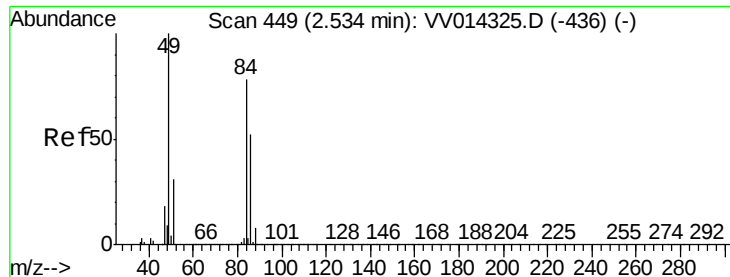
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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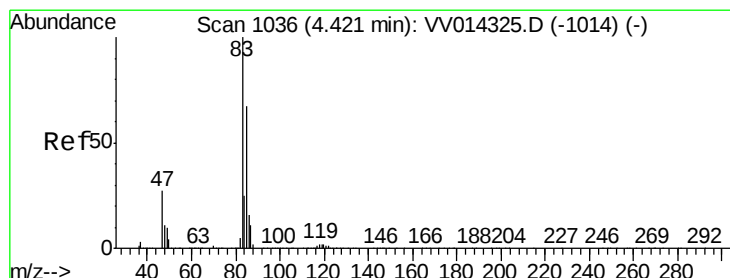
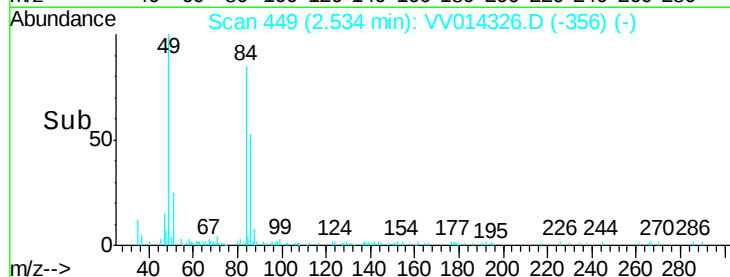
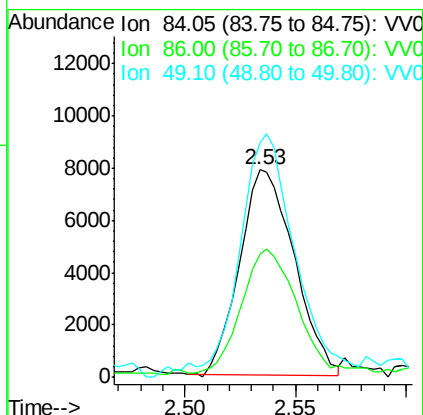
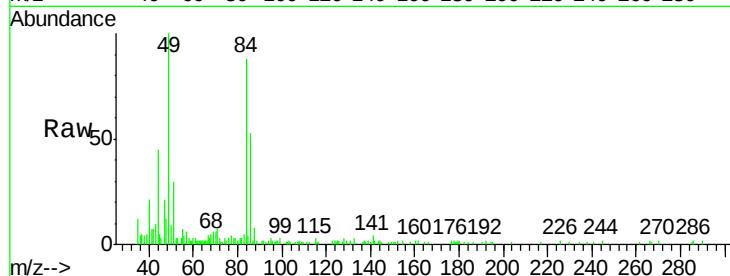




#16  
Methvlene chloride  
Concen: 0.227 ug/L  
RT: 2.53 min Scan# 449  
Delta R.T. 0.00 min  
Lab File: VV014326.D  
Acq: 17 Jan 2020 10:11

Instrument :  
MSVOA\_V  
ClientSampled :  
VBLK51

Tot Ion: 84 Resp: 13445  
Ion Ratio Lower Upper  
84 100  
86 59.6 43.1 80.1  
49 123.4 82.1 152.5



#25  
Chloroform  
Concen: 0.187 ug/L  
RT: 4.42 min Scan# 1037  
Delta R.T. 0.00 min  
Lab File: VV014326.D  
Acq: 17 Jan 2020 10:11

Tgt Ion: 83 Resp: 19212  
Ion Ratio Lower Upper  
83 100  
85 63.0 46.2 85.8

