

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070920\  
 Data File : VV017414.D  
 Acq On : 09 Jul 2020 21:50  
 Operator : SY/MD  
 Sample : VV0709WBL02  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK98

Quant Time: Jul 10 05:14:58 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM070820WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jul 10 05:13:25 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 269806   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 255170   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 124211   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 64403    | 45.85    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 91.70%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 47921    | 48.57    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 97.14%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 108149   | 34.01    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 68.02%  |
| 21) 2-Butanone-d5              | 3.91    | 46    | 95867    | 99.93    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 99.93%  |
| 24) Chloroform-d               | 4.38    | 84    | 148329   | 45.65    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.30%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 110312   | 49.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.94%  |
| 32) Benzene-d6                 | 5.08    | 84    | 267652   | 48.56    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.12%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 79669    | 50.19    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 100.38% |
| 41) Toluene-d8                 | 7.34    | 98    | 250544   | 47.28    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 94.56%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 42061    | 45.53    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 91.06%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 62801    | 96.40    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 96.40%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 102342   | 45.92    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 91.84%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 106981   | 51.51    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 103.02% |

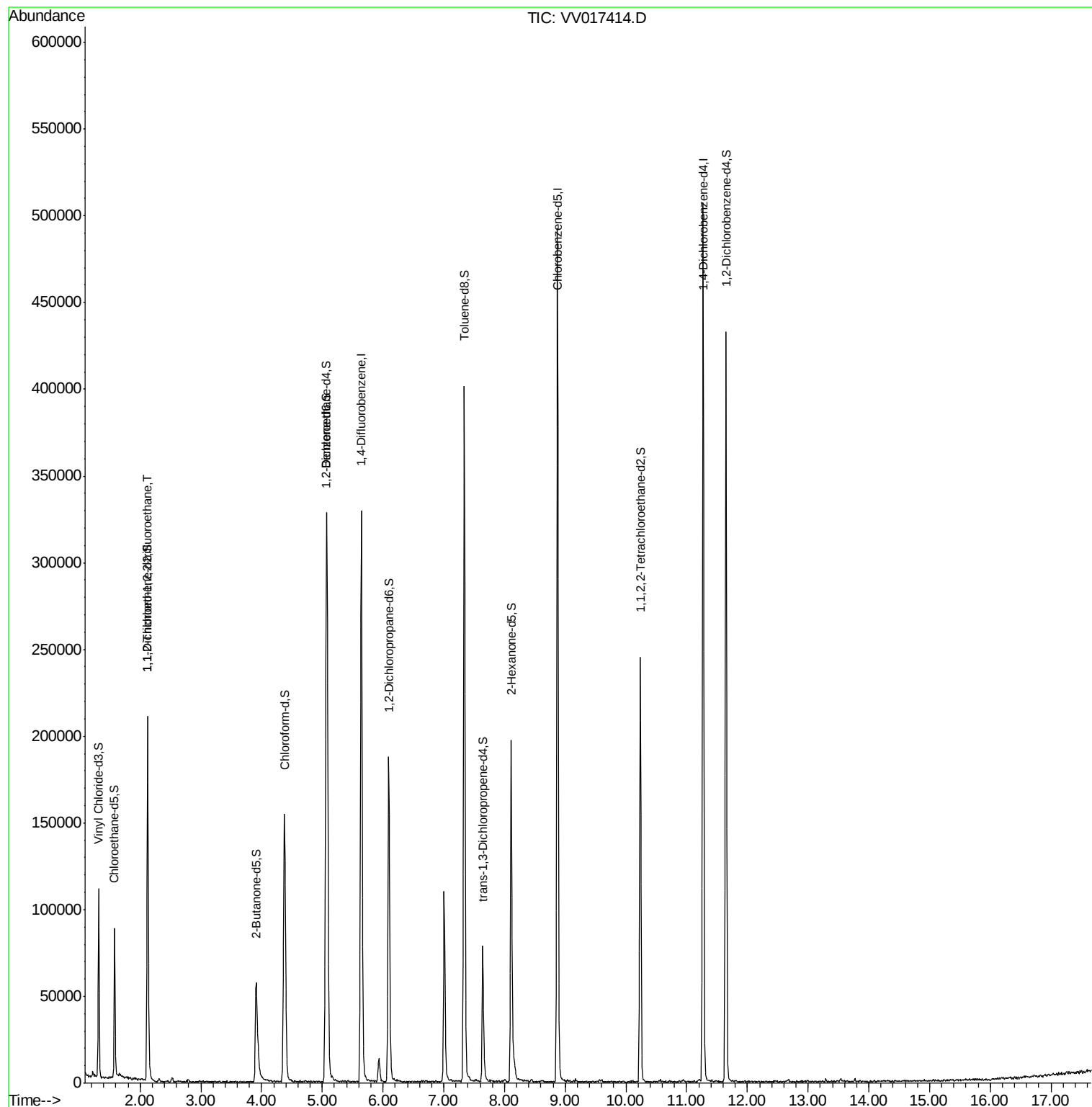
| Target Compounds               |      |     |      |            | Ovalue |
|--------------------------------|------|-----|------|------------|--------|
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.12 | 101 | 1305 | 0.728 ug/L | # 16   |

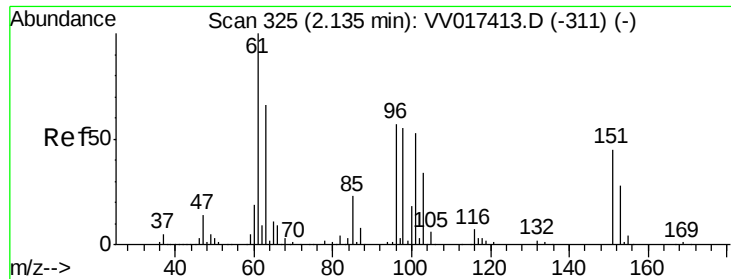
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV070920\  
Data File : VV017414.D  
Acq On : 09 Jul 2020 21:50  
Operator : SY/MD  
Sample : VV0709WBL02  
Misc : 5.0mL/MSVOA V/WATER  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VBLK98

Quant Time: Jul 10 05:14:58 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM070820WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Jul 10 05:13:25 2020  
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.728 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017414.D

Acq: 09 Jul 2020 21:50

Instrument :

MSVOA\_V

ClientSampleId :

VBLK98

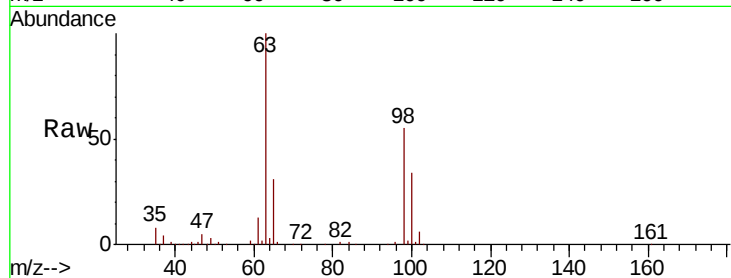
Tot Ion:101 Resp: 1305

Ion Ratio Lower Upper

101 100

85 0.0 36.2 54.4#

151 0.0 66.8 100.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

