

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121020\  
 Data File : VV019538.D  
 Acq On : 11 Dec 2020 03:26  
 Operator : SY/MD  
 Sample : VV1210MBL02  
 Misc : 5.0µ/5.0mL/100UL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK61

Quant Time: Dec 11 04:43:36 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM121020WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Dec 11 04:38:56 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.62  | 114  | 629260   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.86  | 117  | 571472   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.25 | 152  | 260904   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 218773   | 48.48    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 96.96%  |
| 7) Chloroethane-d5             | 1.57    | 69    | 185618   | 52.16    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 104.32% |
| 11) 1,1-Dichloroethene-d2      | 1.94    | 63    | 115      | 0.01     | ug/L | -0.17   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 0.02%#  |
| 21) 2-Butanone-d5              | 3.89    | 46    | 270412   | 110.26   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 110.26% |
| 24) Chloroform-d               | 4.35    | 84    | 411727   | 50.63    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 101.26% |
| 26) 1,2-Dichloroethane-d4      | 5.04    | 65    | 292551   | 55.05    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 110.10% |
| 32) Benzene-d6                 | 5.05    | 84    | 806908   | 52.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 105.88% |
| 36) 1,2-Dichloropropane-d6     | 6.07    | 67    | 261513   | 54.77    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 109.54% |
| 41) Toluene-d8                 | 7.32    | 98    | 687491   | 50.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 100.20% |
| 43) trans-1,3-Dichloropropene- | 7.62    | 79    | 137063   | 50.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 100.94% |
| 47) 2-Hexanone-d5              | 8.09    | 63    | 207897   | 110.95   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 110.95% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.22   | 84    | 347017   | 53.74    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 107.48% |
| 64) 1,2-Dichlorobenzene-d4     | 11.63   | 152   | 253509   | 51.98    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 103.96% |

## Target Compounds

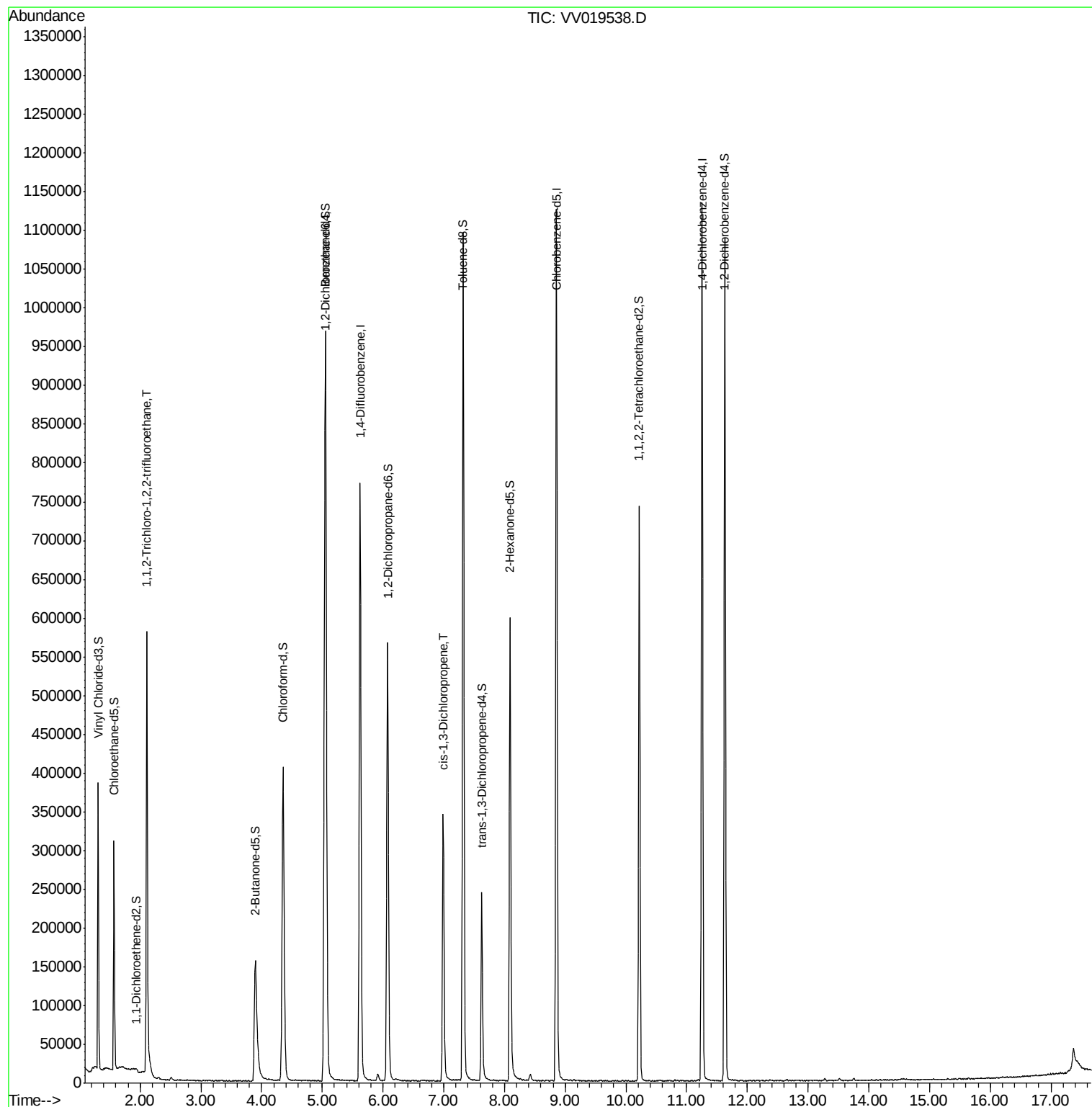
|                                |      |     |      |              | Ovalue |
|--------------------------------|------|-----|------|--------------|--------|
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.11 | 101 | 2982 | 0.816 ug/L # | 23     |
| 39) cis-1,3-Dichloropropene    | 6.99 | 75  | 9421 | 1.301 ug/L # | 71     |

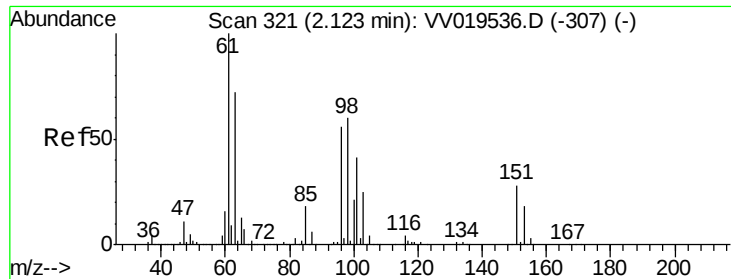
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV121020\  
Data File : VV019538.D  
Acq On : 11 Dec 2020 03:26  
Operator : SY/MD  
Sample : VV1210MBL02  
Misc : 5.0µ/5.0mL/100UL/5.0mL/MSVOA\_V/MEOH  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VBLK61

Quant Time: Dec 11 04:43:36 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM121020WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Dec 11 04:38:56 2020  
Response via : Initial Calibration





#10

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

Concen: 0.816 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019538.D

Acq: 11 Dec 2020 03:26

Instrument :

MSVOA\_V

ClientSampleId :

VBLK61

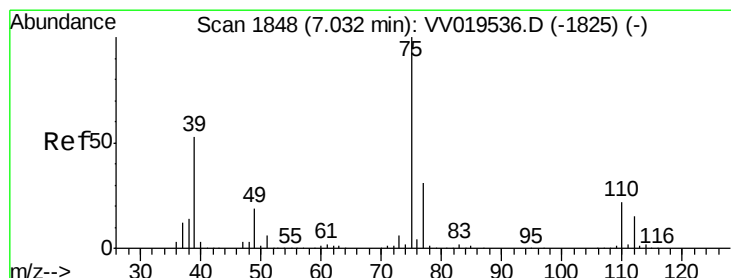
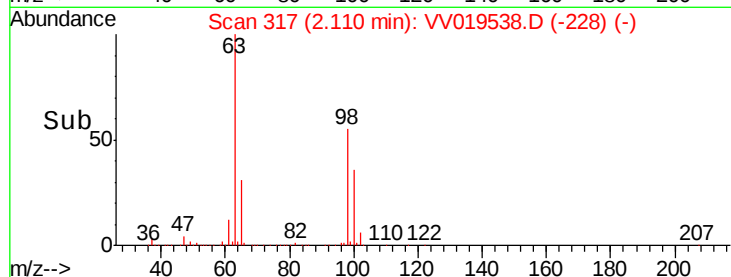
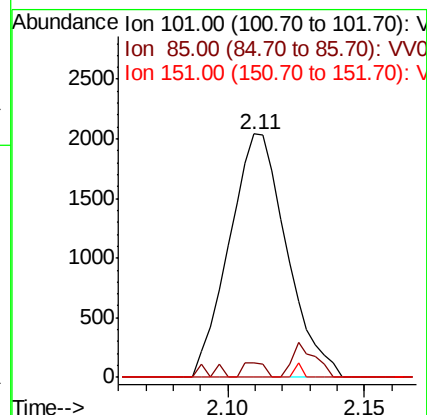
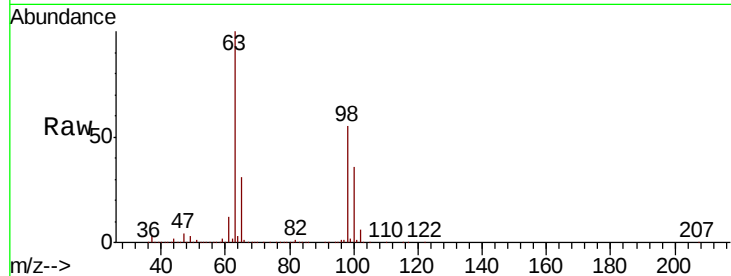
Tot Ion:101 Resp: 2982

Ion Ratio Lower Upper

101 100

85 2.3 35.0 52.4#

151 0.0 55.8 83.8#



#39

cis-1,3-Dichloropropene

Concen: 1.301 ug/L

RT: 6.99 min Scan# 1835

Delta R.T. -0.04 min

Lab File: VV019538.D

Acq: 11 Dec 2020 03:26

Tgt Ion: 75 Resp: 9421

Ion Ratio Lower Upper

75 100

77 48.0 22.4 41.6#

