

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121220\  
 Data File : VV019563.D  
 Acq On : 12 Dec 2020 18:05  
 Operator : SY/MD  
 Sample : L4928-01  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG4H7

Quant Time: Dec 13 06:46:14 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM121020WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sun Dec 13 04:37:51 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.62  | 114  | 651547   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.86  | 117  | 600597   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.25 | 152  | 276122   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 259417   | 55.52    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 111.04% |
| 7) Chloroethane-d5             | 1.57    | 69    | 211587   | 57.42    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 114.84% |
| 11) 1,1-Dichloroethene-d2      | 2.11    | 63    | 365044   | 42.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 84.20%  |
| 21) 2-Butanone-d5              | 3.89    | 46    | 290207   | 114.28   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 114.28% |
| 24) Chloroform-d               | 4.35    | 84    | 437553   | 51.96    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 103.92% |
| 26) 1,2-Dichloroethane-d4      | 5.04    | 65    | 305083   | 55.44    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 110.88% |
| 32) Benzene-d6                 | 5.05    | 84    | 895333   | 55.89    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 111.78% |
| 36) 1,2-Dichloropropane-d6     | 6.07    | 67    | 279369   | 55.68    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 111.36% |
| 41) Toluene-d8                 | 7.32    | 98    | 790120   | 54.79    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 109.58% |
| 43) trans-1,3-Dichloropropene- | 7.62    | 79    | 141976   | 49.74    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 99.48%  |
| 47) 2-Hexanone-d5              | 8.09    | 63    | 217104   | 110.24   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 110.24% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.22   | 84    | 358500   | 52.82    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 105.64% |
| 64) 1,2-Dichlorobenzene-d4     | 11.63   | 152   | 284071   | 55.04    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 110.08% |

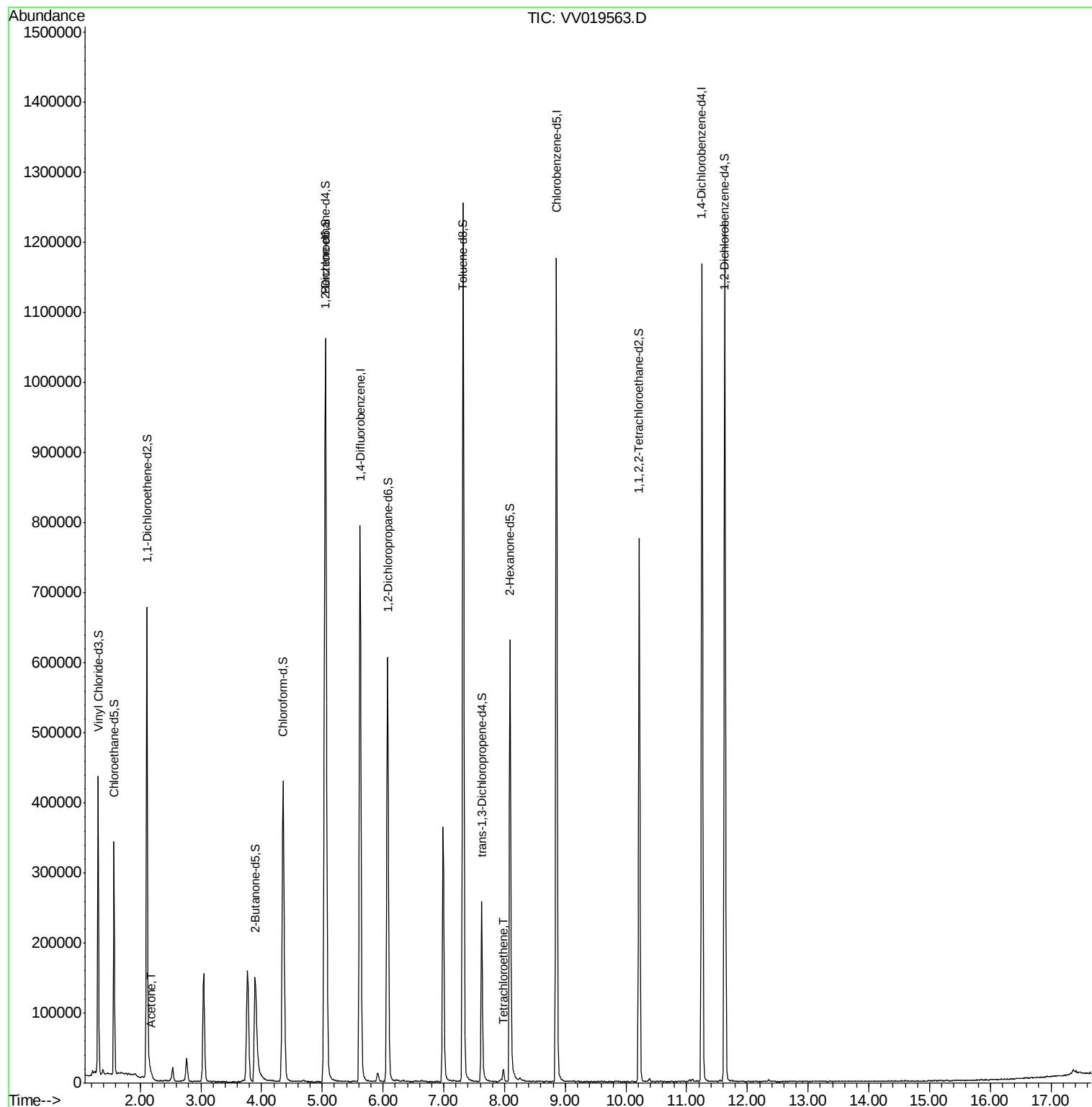
| Target Compounds      |      |     |      |            | Ovalue |
|-----------------------|------|-----|------|------------|--------|
| 13) Acetone           | 2.19 | 43  | 9478 | 4.381 ug/L | 73     |
| 46) Tetrachloroethene | 7.98 | 164 | 3745 | 1.167 ug/L | 93     |

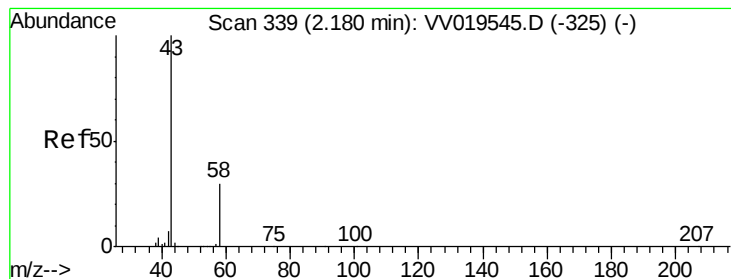
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Sun Dec 13 04:37:51 2020  
Response via : Initial Calibration





#13

Acetone

Concen: 4.381 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.01 min

Lab File: VV019563.D

Acq: 12 Dec 2020 18:05

Instrument :

MSVOA\_V

ClientSampleId :

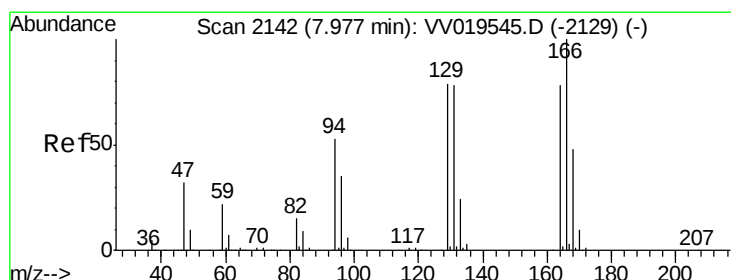
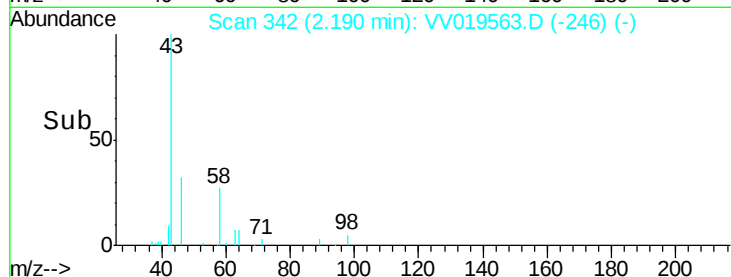
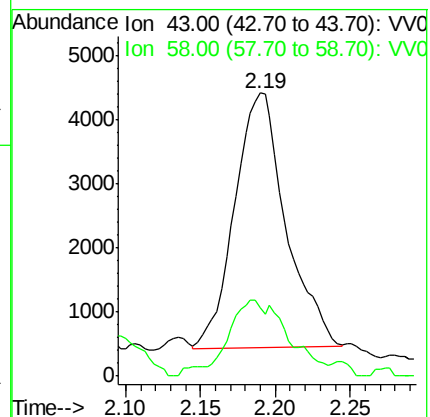
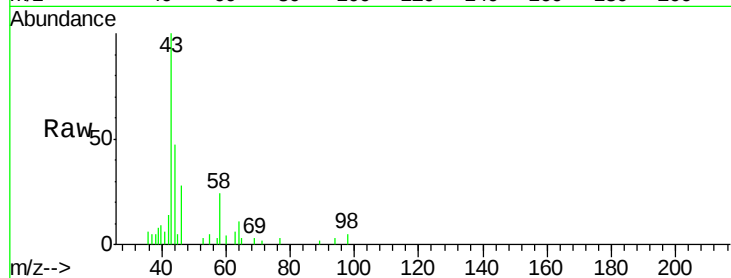
BG4H7

Tot Ion: 43 Resp: 9478

Ion Ratio Lower Upper

43 100

58 16.1 0.0 61.6



#46

Tetrachloroethene

Concen: 1.167 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VV019563.D

Acq: 12 Dec 2020 18:05

Tgt Ion: 164 Resp: 3745

Ion Ratio Lower Upper

164 100

129 96.3 70.6 131.0

131 90.1 68.0 126.4

166 134.3 86.9 161.5

