

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121220\  
 Data File : VV019565.D  
 Acq On : 12 Dec 2020 18:53  
 Operator : SY/MD  
 Sample : L4928-08  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG4H8

Quant Time: Dec 13 07:01:44 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  | 636581   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.86  | 117  | 585320   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.25 | 152  | 266419   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 258531   | 56.64    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 113.28% |
| 7) Chloroethane-d5             | 1.57    | 69    | 210022   | 58.33    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 116.66% |
| 11) 1,1-Dichloroethene-d2      | 2.11    | 63    | 368686   | 43.52    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 87.04%  |
| 21) 2-Butanone-d5              | 3.90    | 46    | 309381   | 124.69   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 124.69% |
| 24) Chloroform-d               | 4.35    | 84    | 446137   | 54.23    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 108.46% |
| 26) 1,2-Dichloroethane-d4      | 5.04    | 65    | 310874   | 57.82    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 115.64% |
| 32) Benzene-d6                 | 5.05    | 84    | 896804   | 57.45    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 114.90% |
| 36) 1,2-Dichloropropane-d6     | 6.07    | 67    | 280881   | 57.44    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 114.88% |
| 41) Toluene-d8                 | 7.32    | 98    | 795558   | 56.60    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 113.20% |
| 43) trans-1,3-Dichloropropene- | 7.62    | 79    | 144010   | 51.77    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 103.54% |
| 47) 2-Hexanone-d5              | 8.09    | 63    | 226722   | 118.13   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 118.13% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.22   | 84    | 364785   | 55.15    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 110.30% |
| 64) 1,2-Dichlorobenzene-d4     | 11.63   | 152   | 285383   | 57.30    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 114.60% |

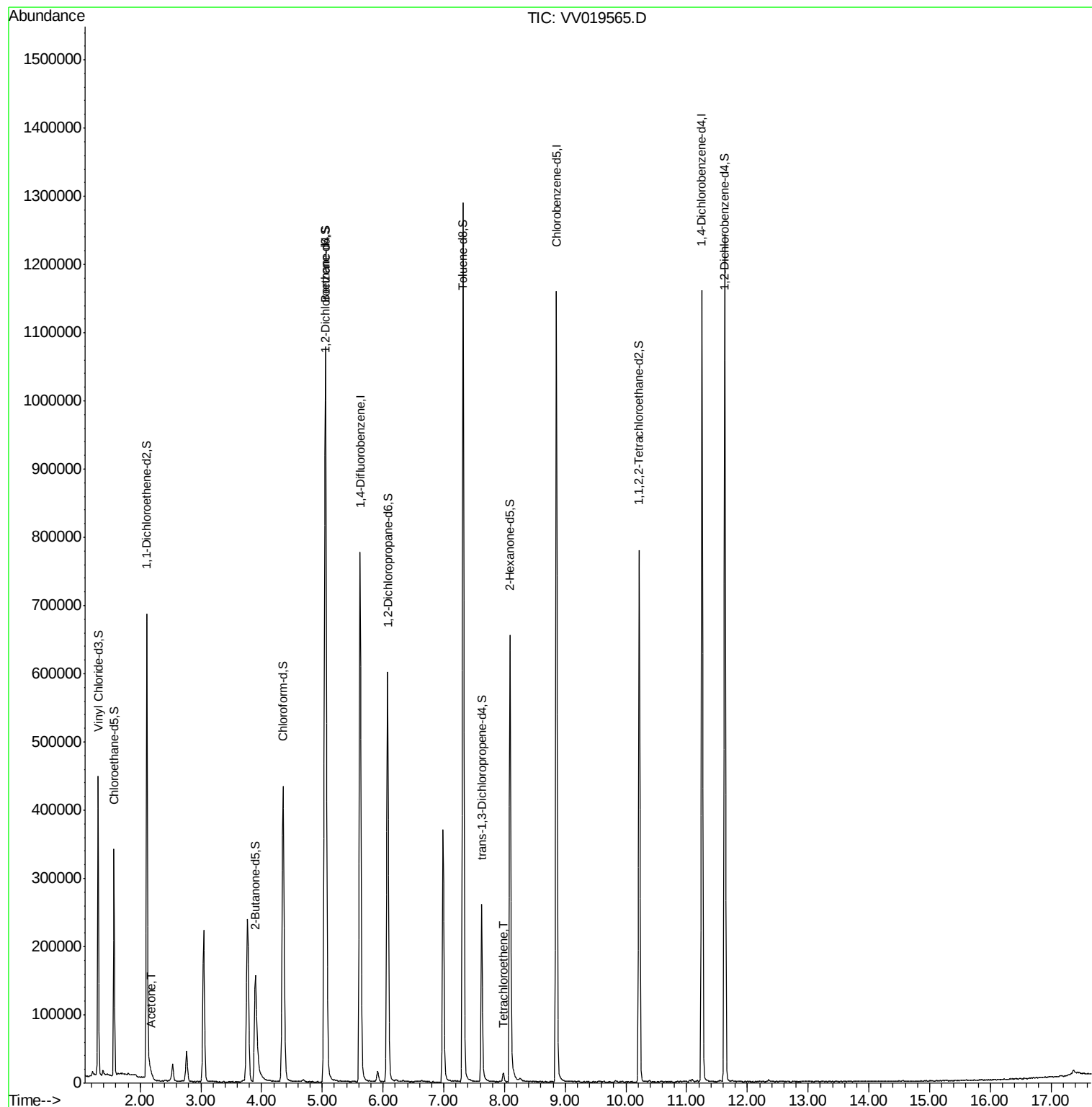
| Target Compounds      |      |     |      |            | Ovalue |
|-----------------------|------|-----|------|------------|--------|
| 13) Acetone           | 2.19 | 43  | 9356 | 4.426 ug/L | 89     |
| 46) Tetrachloroethene | 7.98 | 164 | 2831 | 0.905 ug/L | 92     |

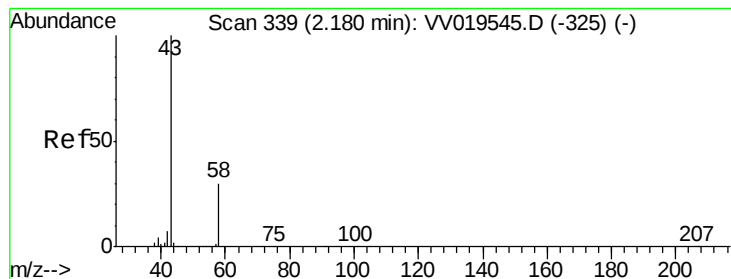
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 4.426 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

Lab File: VV019565.D

Acq: 12 Dec 2020 18:53

Instrument :

MSVOA\_V

ClientSampleId :

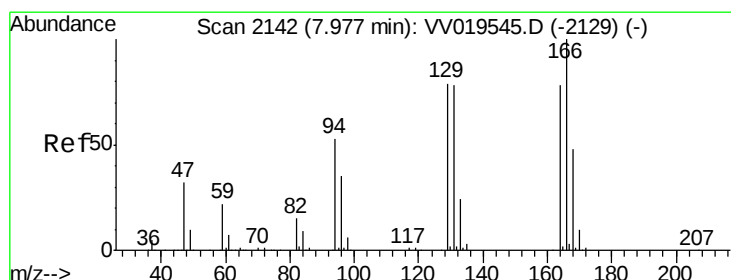
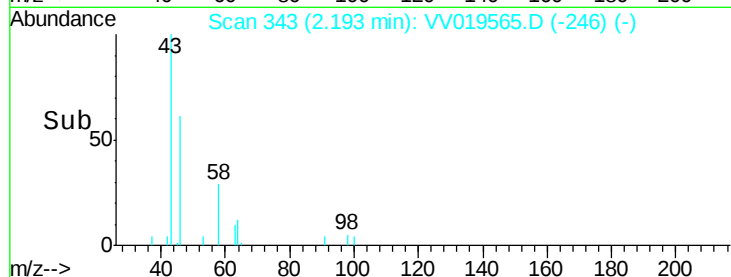
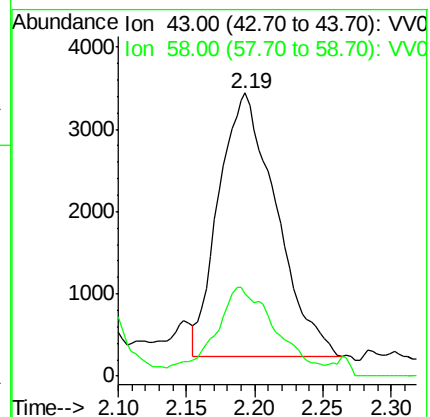
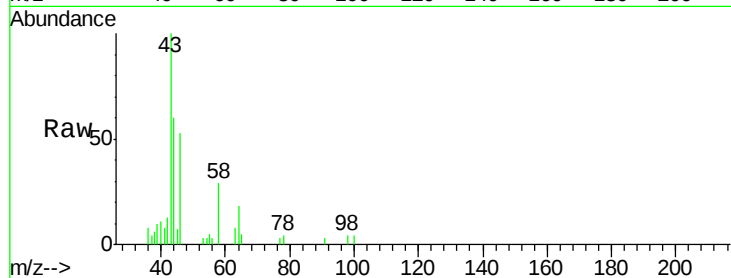
BG4H8

Tot Ion: 43 Resp: 9356

Ion Ratio Lower Upper

43 100

58 36.6 0.0 61.6



#46

Tetrachloroethene

Concen: 0.905 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VV019565.D

Acq: 12 Dec 2020 18:53

Tgt Ion: 164 Resp: 2831

Ion Ratio Lower Upper

164 100

129 99.6 70.6 131.0

131 87.8 68.0 126.4

166 111.0 86.9 161.5

