

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080418\  
 Data File : VV006878.D  
 Acq On : 04 Aug 2018 13:25  
 Operator : SY/MD  
 Sample : J4314-09  
 Misc : 25 mL/MSVOA V/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0KW7

Quant Time: Aug 06 03:41:55 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR080218WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Mon Aug 06 03:23:10 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 268102   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 255840   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 98608    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 102018   | 5.49     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 109.80% |
| 7) Chloroethane-d5             | 1.58   | 69    | 93749    | 5.81     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 116.20% |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 150853   | 4.38     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 87.60%  |
| 20) 2-Butanone-d5              | 3.96   | 46    | 246611   | 54.76    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 109.52% |
| 24) Chloroform-d               | 4.41   | 84    | 187256   | 5.76     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 115.20% |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 94715    | 5.78     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 115.60% |
| 32) Benzene-d6                 | 5.10   | 84    | 351902   | 5.09     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 101.80% |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 119463   | 5.24     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 104.80% |
| 41) Toluene-d8                 | 7.37   | 98    | 268617   | 4.36     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 87.20%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 37622    | 4.66     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 93.20%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 143683   | 40.01    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 80.02%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 89586    | 5.28     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 105.60% |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 93898    | 5.13     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 102.60% |

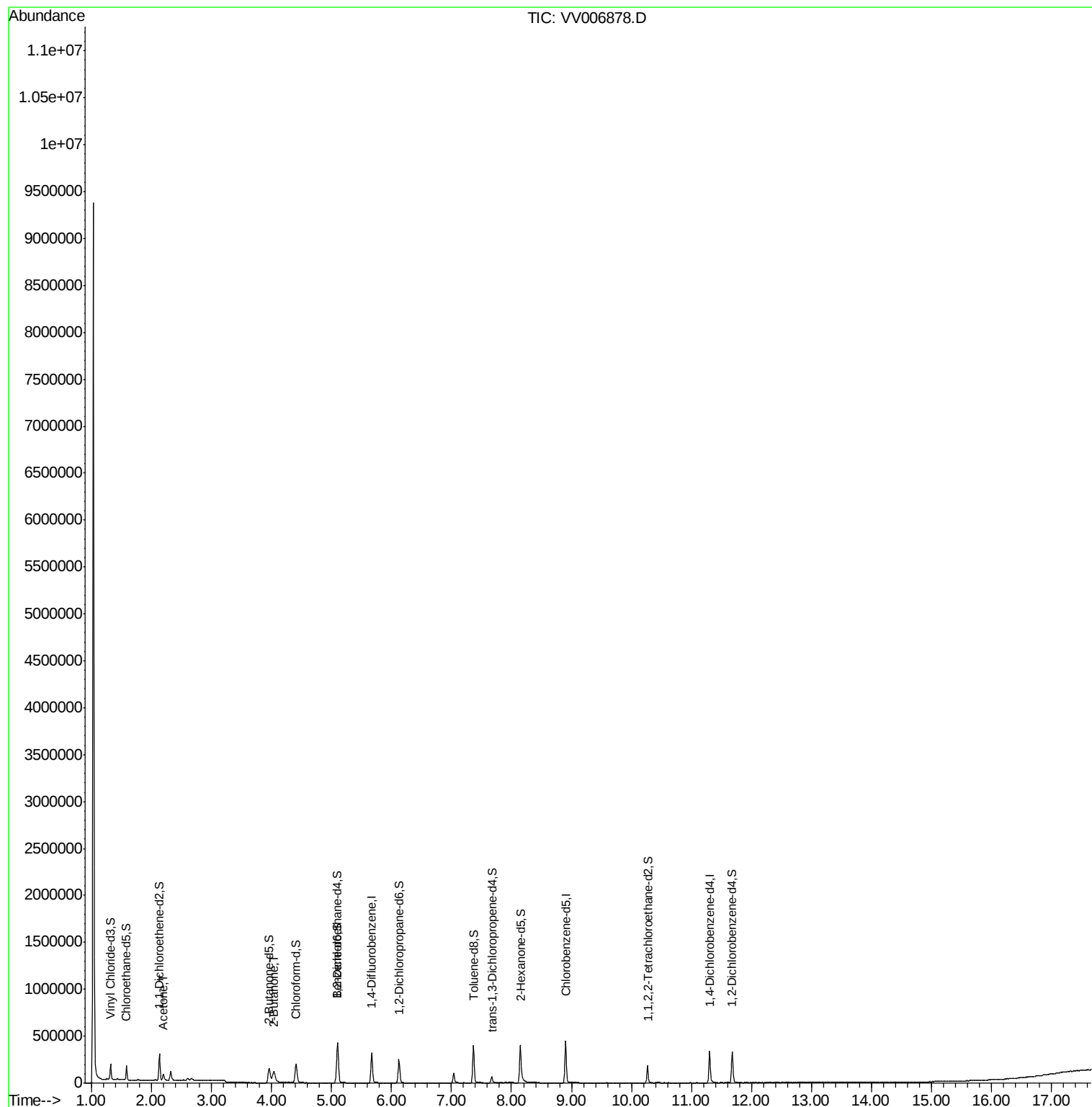
| Target Compounds |      |    |       |            | Ovalue |
|------------------|------|----|-------|------------|--------|
| 13) Acetone      | 2.20 | 43 | 67633 | 21.30 ug/L | 99     |
| 21) 2-Butanone   | 4.05 | 43 | 98755 | 20.35 ug/L | 99     |

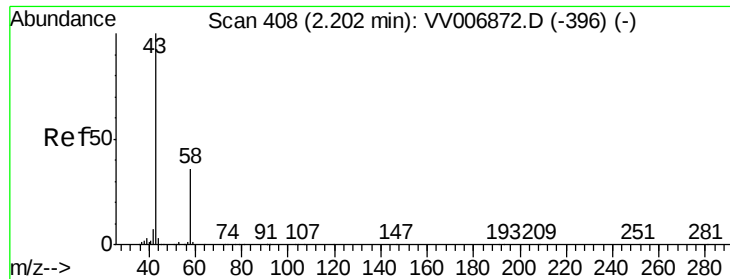
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 21.30 ug/L

RT: 2.20 min Scan# 407

Delta R.T. -0.00 min

Lab File: VV006878.D

Acq: 04 Aug 2018 13:25

Instrument :

MSVOA\_V

ClientSampleId :

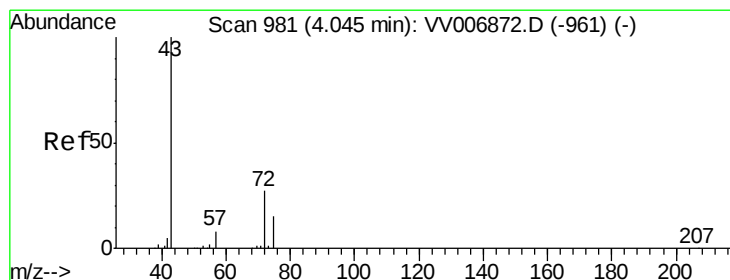
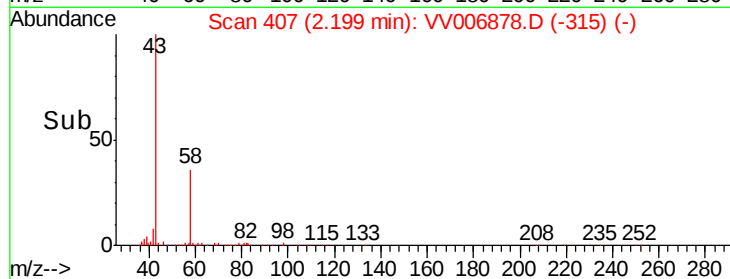
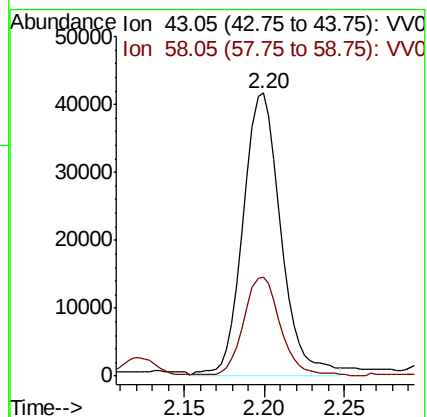
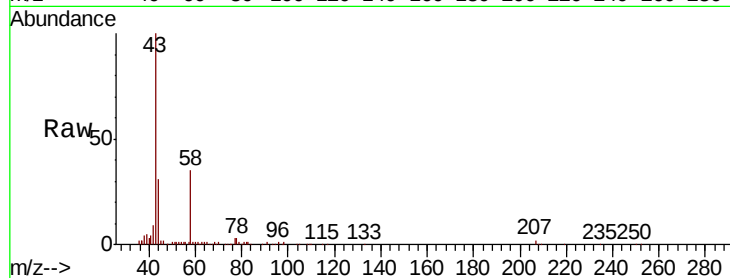
C0KW7

Tot Ion: 43 Resp: 67633

Ion Ratio Lower Upper

43 100

58 34.2 0.0 69.0



#21

2-Butanone

Concen: 20.35 ug/L

RT: 4.05 min Scan# 982

Delta R.T. -0.00 min

Lab File: VV006878.D

Acq: 04 Aug 2018 13:25

Tgt Ion: 43 Resp: 98755

Ion Ratio Lower Upper

43 100

72 26.4 13.4 40.1

