

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV111818\  
 Data File : VV008627.D  
 Acq On : 17 Nov 2018 14:22  
 Operator : SY/MD  
 Sample : J5990-03  
 Misc : 25.0 mL/MSVOA\_V/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 ETO78

Quant Time: Nov 19 06:07:43 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR111718WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Mon Nov 19 02:55:31 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 152643   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 135337   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 56947    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 35052    | 5.17     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 103.40% |
| 7) Chloroethane-d5             | 1.59   | 69    | 27597    | 4.94     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 98.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 52046    | 3.78     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 75.60%  |
| 20) 2-Butanone-d5              | 3.95   | 46    | 122995   | 50.70    | ug/L | -0.03   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 101.40% |
| 24) Chloroform-d               | 4.40   | 84    | 88999    | 4.80     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 96.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 47124    | 4.99     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 99.80%  |
| 32) Benzene-d6                 | 5.09   | 84    | 176571   | 5.00     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 100.00% |
| 36) 1,2-Dichloropropane-d6     | 6.11   | 67    | 57800    | 5.08     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 101.60% |
| 41) Toluene-d8                 | 7.36   | 98    | 159834   | 4.82     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 96.40%  |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 20334    | 4.68     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 93.60%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 86209    | 43.83    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 87.66%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 39213    | 4.93     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 98.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 54816    | 5.33     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 106.60% |

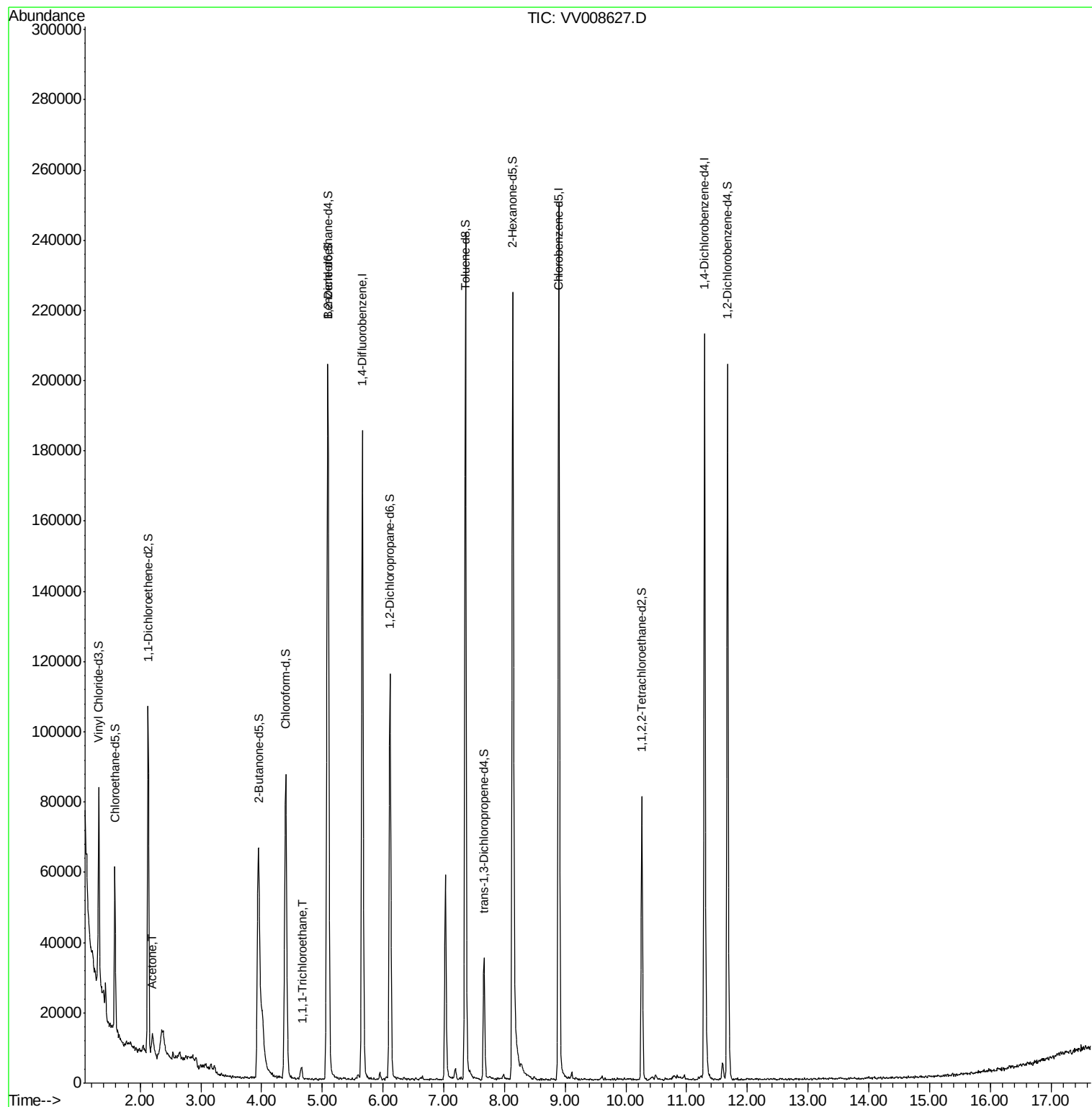
| Target Compounds          |      |    |      |      |        | Qvalue |
|---------------------------|------|----|------|------|--------|--------|
| 13) Acetone               | 2.20 | 43 | 7991 | 6.32 | ug/L   | 90     |
| 29) 1,1,1-Trichloroethane | 4.66 | 97 | 2974 | 0.17 | ug/L # | 79     |

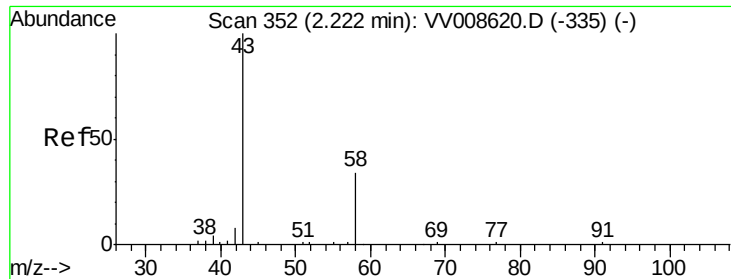
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.32 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.02 min

Lab File: VV008627.D

Acq: 17 Nov 2018 14:22

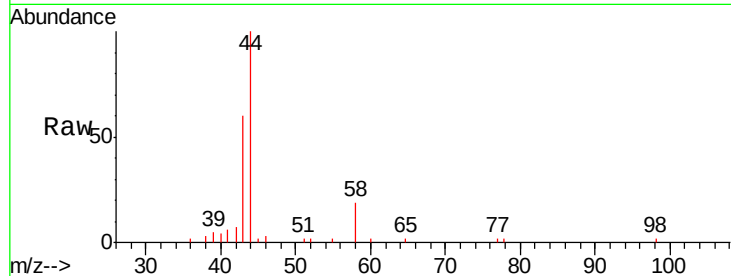
Instrument :  
MSVOA\_V  
ClientSampleId :  
ETO78

Tgt Ion: 43 Resp: 7991

Ion Ratio Lower Upper

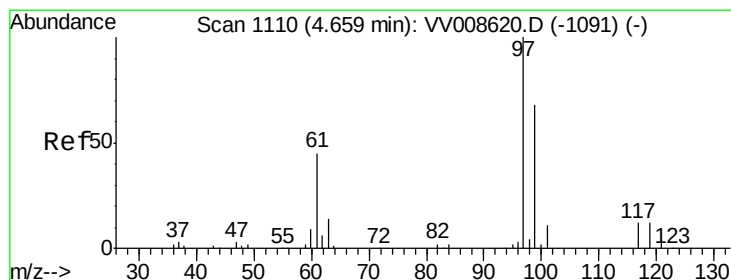
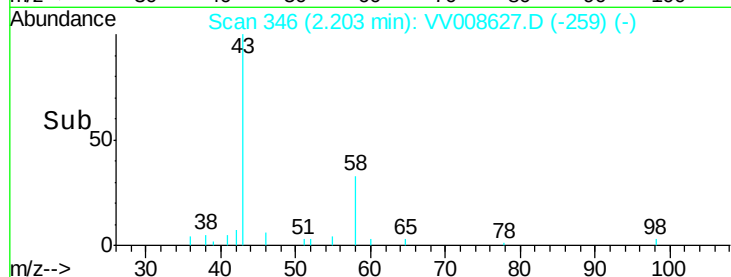
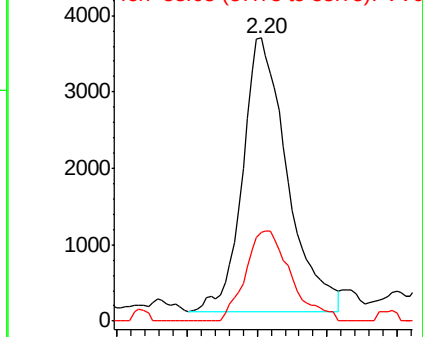
43 100

58 33.3 0.0 56.4



Abundance Ion 43.05 (42.75 to 43.75): VV008627.D (-259) (-)

Ion 58.05 (57.75 to 58.75): VV008627.D (-259) (-)



#29

1,1,1-Trichloroethane

Concen: 0.17 ug/L

RT: 4.66 min Scan# 1109

Delta R.T. -0.00 min

Lab File: VV008627.D

Acq: 17 Nov 2018 14:22

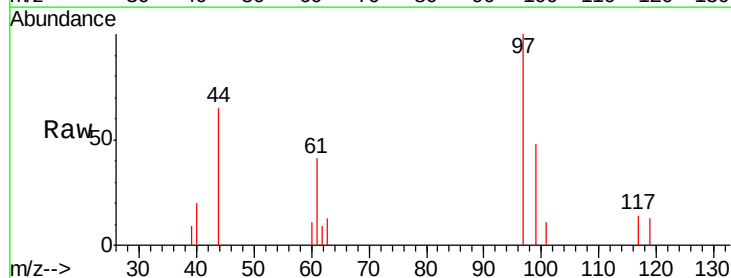
Tgt Ion: 97 Resp: 2974

Ion Ratio Lower Upper

97 100

99 37.5 51.0 76.4#

61 41.2 34.3 51.5



Abundance Ion 96.95 (96.65 to 97.65): VV008627.D (-1017) (-)

Ion 99.05 (98.75 to 99.75): VV008627.D (-1017) (-)

Ion 61.05 (60.75 to 61.75): VV008627.D (-1017) (-)

