

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV083018\  
 Data File : VV007281.D  
 Acq On : 31 Aug 2018 00:22  
 Operator : SY/MD  
 Sample : J4650-09  
 Misc : 25.0 mL/MSVOA V/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GAB84

Quant Time: Aug 31 02:59:58 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR083018WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Aug 31 02:32:21 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 291294   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 283537   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 105878   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 88668    | 3.47     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 69.40%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 83170    | 4.20     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 84.00%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 120461   | 2.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 56.60%# |
| 20) 2-Butanone-d5              | 3.96   | 46    | 279715   | 56.26    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 112.52% |
| 24) Chloroform-d               | 4.41   | 84    | 206917   | 4.57     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 91.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 105081   | 5.01     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 100.20% |
| 32) Benzene-d6                 | 5.10   | 84    | 381280   | 4.29     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 85.80%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 132312   | 4.75     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 95.00%  |
| 41) Toluene-d8                 | 7.37   | 98    | 286055   | 3.62     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 72.40%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 39568    | 4.08     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 81.60%  |
| 46) 2-Hexanone-d5              | 8.15   | 63    | 167755   | 50.61    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 101.22% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 103778   | 5.28     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 105.60% |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 103954   | 4.91     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 98.20%  |

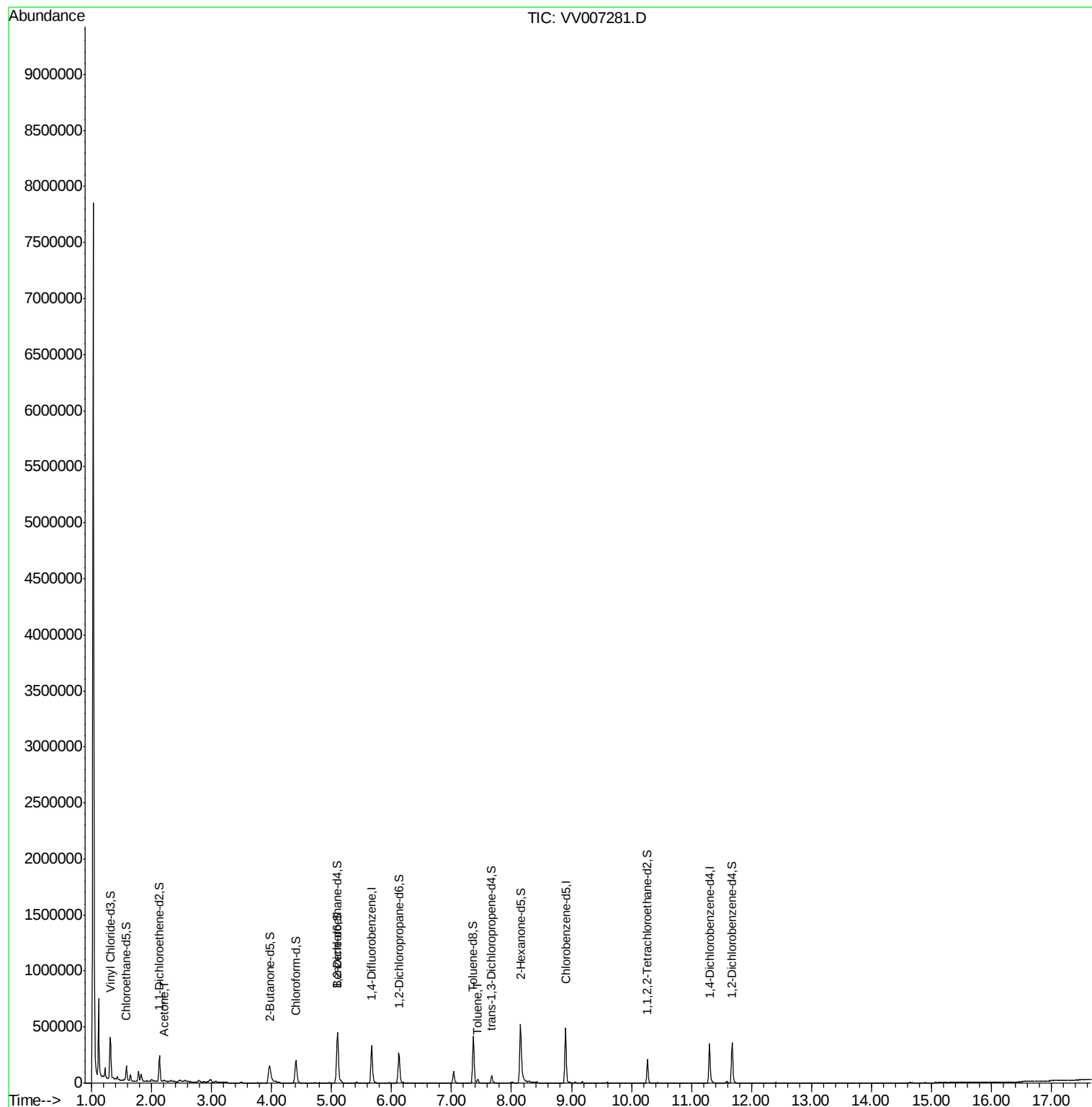
| Target Compounds |      |    |       |           | Ovalue |
|------------------|------|----|-------|-----------|--------|
| 13) Acetone      | 2.21 | 43 | 12875 | 4.70 ug/L | 88     |
| 42) Toluene      | 7.44 | 91 | 20904 | 0.23 ug/L | 95     |

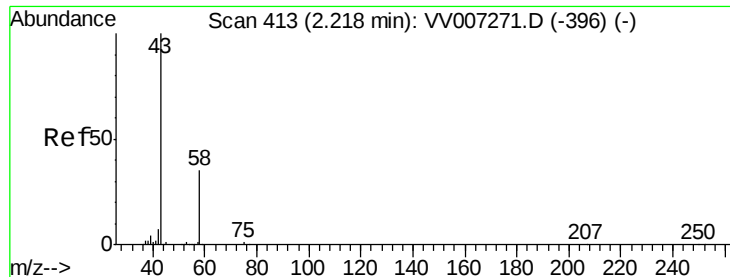
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.70 ug/L

RT: 2.21 min Scan# 411

Delta R.T. -0.01 min

Lab File: VV007281.D

Acq: 31 Aug 2018 00:22

Instrument :

MSVOA\_V

ClientSampled :

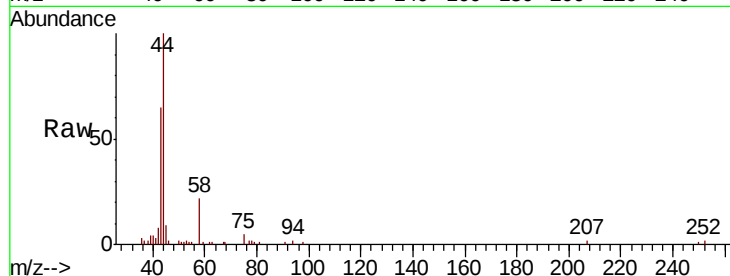
GAB84

Tot Ion: 43 Resp: 12875

Ion Ratio Lower Upper

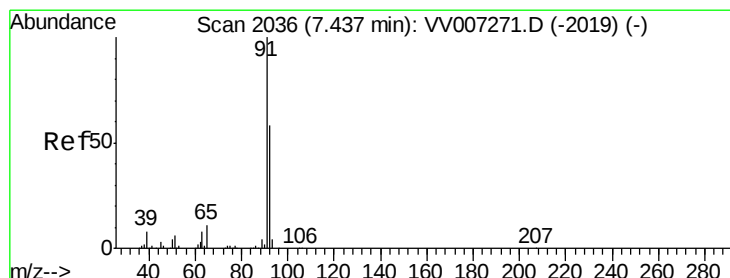
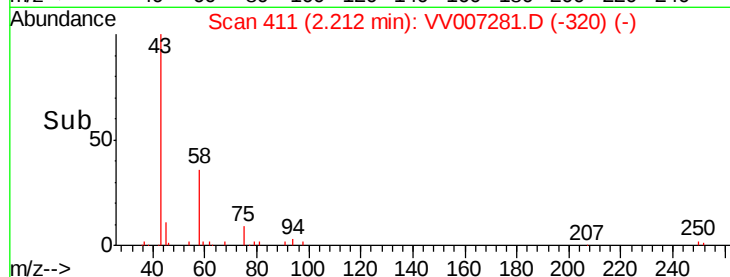
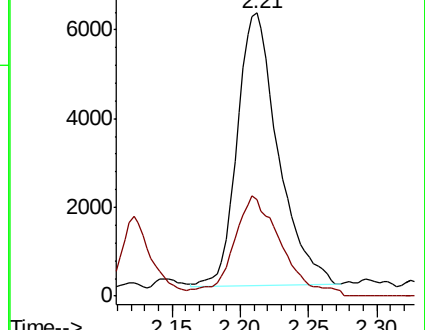
43 100

58 43.0 0.0 71.8



Abundance Ion 43.05 (42.75 to 43.75): VV007271.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VV007271.D (-396) (-)



#42

Toluene

Concen: 0.23 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VV007281.D

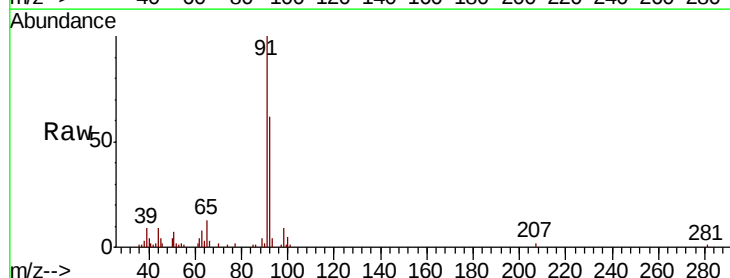
Acq: 31 Aug 2018 00:22

Tgt Ion: 91 Resp: 20904

Ion Ratio Lower Upper

91 100

92 62.0 40.7 75.7



Abundance Ion 91.15 (90.85 to 91.85): VV007271.D (-1919) (-)

Ion 92.15 (91.85 to 92.85): VV007271.D (-1919) (-)

