

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021119\  
 Data File : VU029404.D  
 Acq On : 11 Feb 2019 18:21  
 Operator : JC/SP  
 Sample : K1436-05  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ESX98

Quant Time: Feb 13 11:36:09 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR021119WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Feb 12 01:17:05 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 214040   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 197541   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 106461   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 74356    | 4.69     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 93.80%  |
| 7) Chloroethane-d5             | 1.68   | 69    | 61753    | 4.80     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 96.00%  |
| 11) 1,1-Dichloroethene-d2      | 2.27   | 63    | 116324   | 3.67     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 73.40%  |
| 20) 2-Butanone-d5              | 4.19   | 46    | 144134   | 50.66    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 101.32% |
| 24) Chloroform-d               | 4.65   | 84    | 116933   | 4.86     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 97.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.31   | 65    | 59385    | 4.77     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 95.40%  |
| 32) Benzene-d6                 | 5.34   | 84    | 246301   | 5.08     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 101.60% |
| 36) 1,2-Dichloropropane-d6     | 6.33   | 67    | 73644    | 5.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 103.00% |
| 41) Toluene-d8                 | 7.56   | 98    | 238101   | 4.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 99.20%  |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 31058    | 4.69     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 93.80%  |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 148105   | 52.29    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 104.58% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 58677    | 4.85     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 97.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86  | 152   | 99395    | 5.11     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 102.20% |

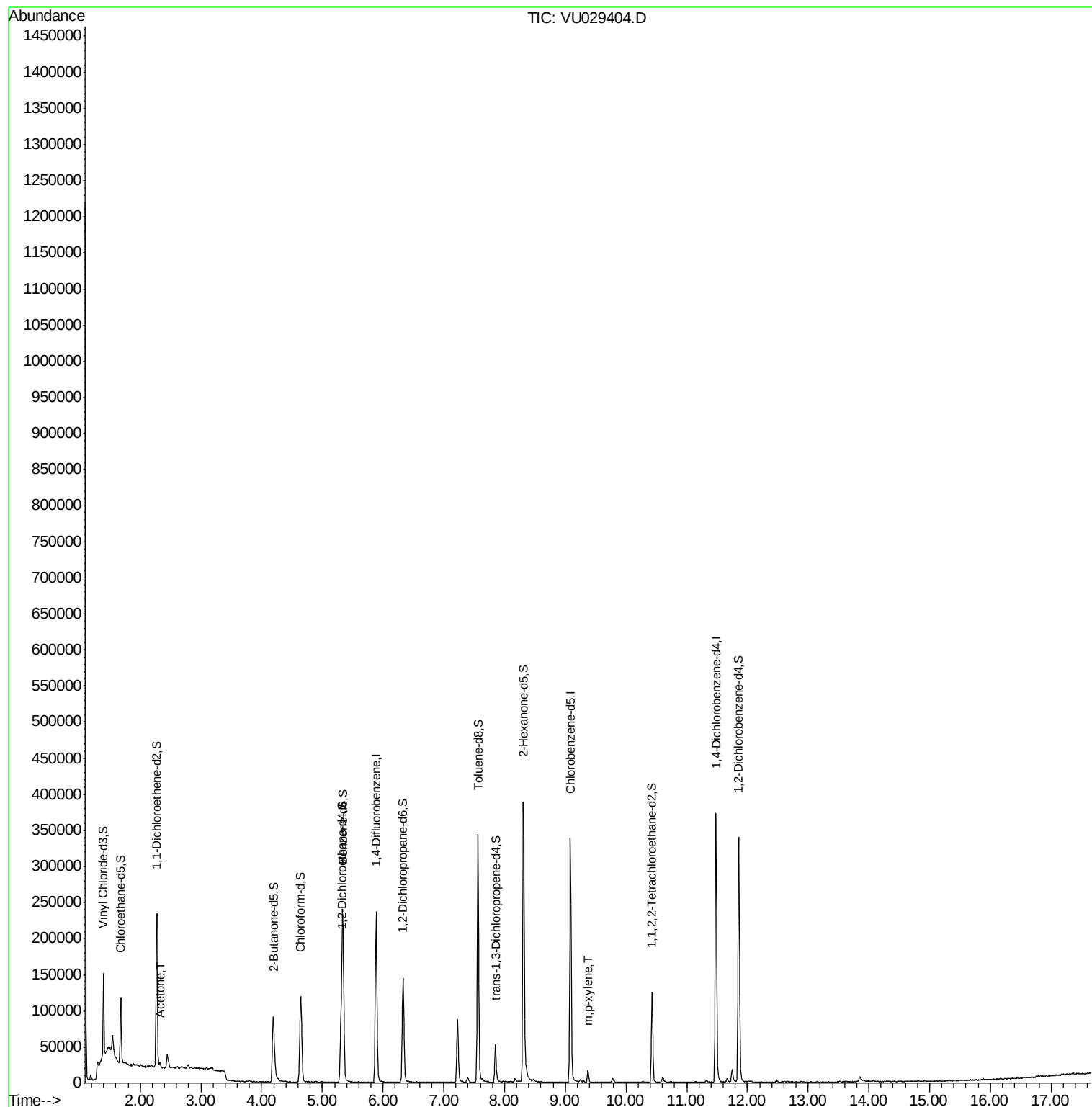
| Target Compounds |      |     |      |            | Ovalue |
|------------------|------|-----|------|------------|--------|
| 13) Acetone      | 2.32 | 43  | 5867 | 2.577 ug/L | 97     |
| 53) m,p-xylene   | 9.38 | 106 | 5036 | 0.191 ug/L | 86     |

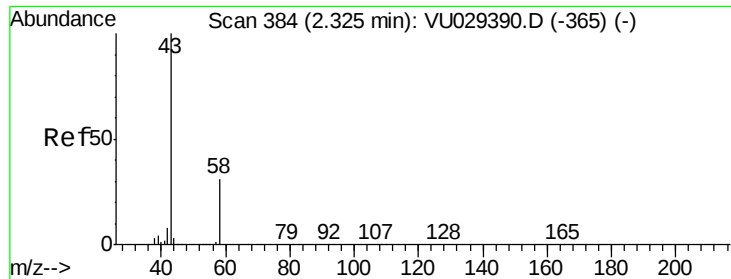
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.577 ug/L

RT: 2.32 min Scan# 384

Delta R.T. -0.00 min

Lab File: VU029404.D

Acq: 11 Feb 2019 18:21

Instrument :

MSVOA\_U

ClientSampled :

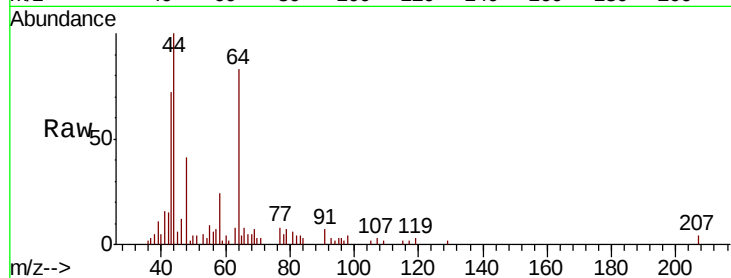
ESX98

Tot Ion: 43 Resp: 5867

Ion Ratio Lower Upper

43 100

58 30.6 0.0 64.2



Abundance Ion 43.05 (42.75 to 43.75): VU029390.D (-365) (-)

Ion 58.05 (57.75 to 58.75): VU029390.D (-365) (-)

2.32

4000

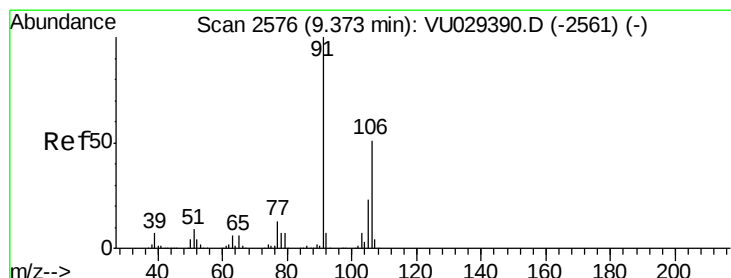
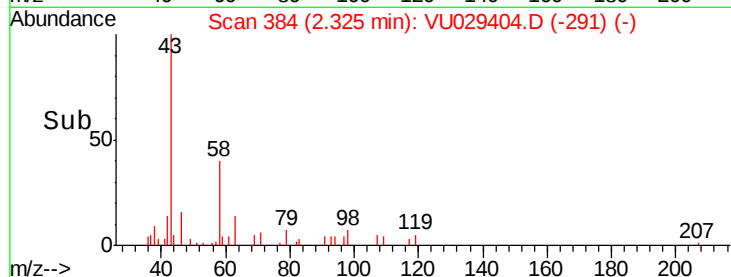
3000

2000

1000

0

Time--> 2.25 2.30 2.35



#53

m,p-xylene

Concen: 0.191 ug/L

RT: 9.38 min Scan# 2577

Delta R.T. 0.00 min

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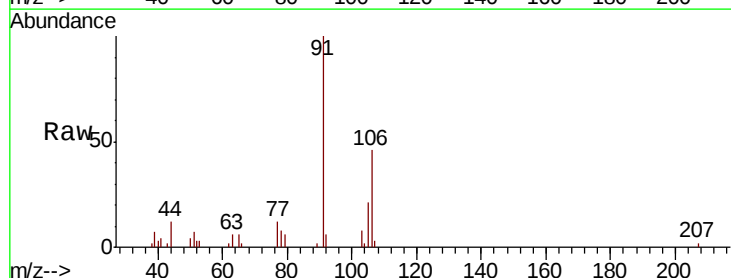
Acq: 11 Feb 2019 18:21

Tgt Ion:106 Resp: 5036

Ion Ratio Lower Upper

106 100

91 218.4 138.4 257.0



Abundance Ion 106.15 (105.85 to 106.85): VU029390.D (-2561) (-)

Ion 91.15 (90.85 to 91.85): VU029390.D (-2561) (-)

9.38

6000

4000

2000

0

Time--> 9.35 9.40

