

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021420\  
 Data File : VU036783.D  
 Acq On : 14 Feb 2020 13:44  
 Operator : JC/MD  
 Sample : L1537-10  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AR0

Quant Time: Feb 14 23:58:27 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR021220WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Feb 14 23:39:59 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.29  | 114  | 130174   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 121173   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 51401    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 44280    | 3.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 79.20%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 42051    | 4.33     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 86.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 62353    | 3.33     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 66.60%  |
| 20) 2-Butanone-d5              | 4.67   | 46    | 124422   | 53.00    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 106.00% |
| 24) Chloroform-d               | 5.11   | 84    | 79600    | 4.61     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 92.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 46390    | 4.69     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 93.80%  |
| 32) Benzene-d6                 | 5.77   | 84    | 174433   | 4.73     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 94.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.73   | 67    | 56116    | 4.80     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 96.00%  |
| 41) Toluene-d8                 | 7.93   | 98    | 157035   | 4.58     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 91.60%  |
| 43) trans-1,3-Dichloropropene- | 8.21   | 79    | 19946    | 4.39     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 87.80%  |
| 46) 2-Hexanone-d5              | 8.66   | 63    | 103621   | 49.93    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 99.86%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.78  | 84    | 42979    | 4.66     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 93.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.21  | 152   | 49224    | 4.79     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 95.80%  |

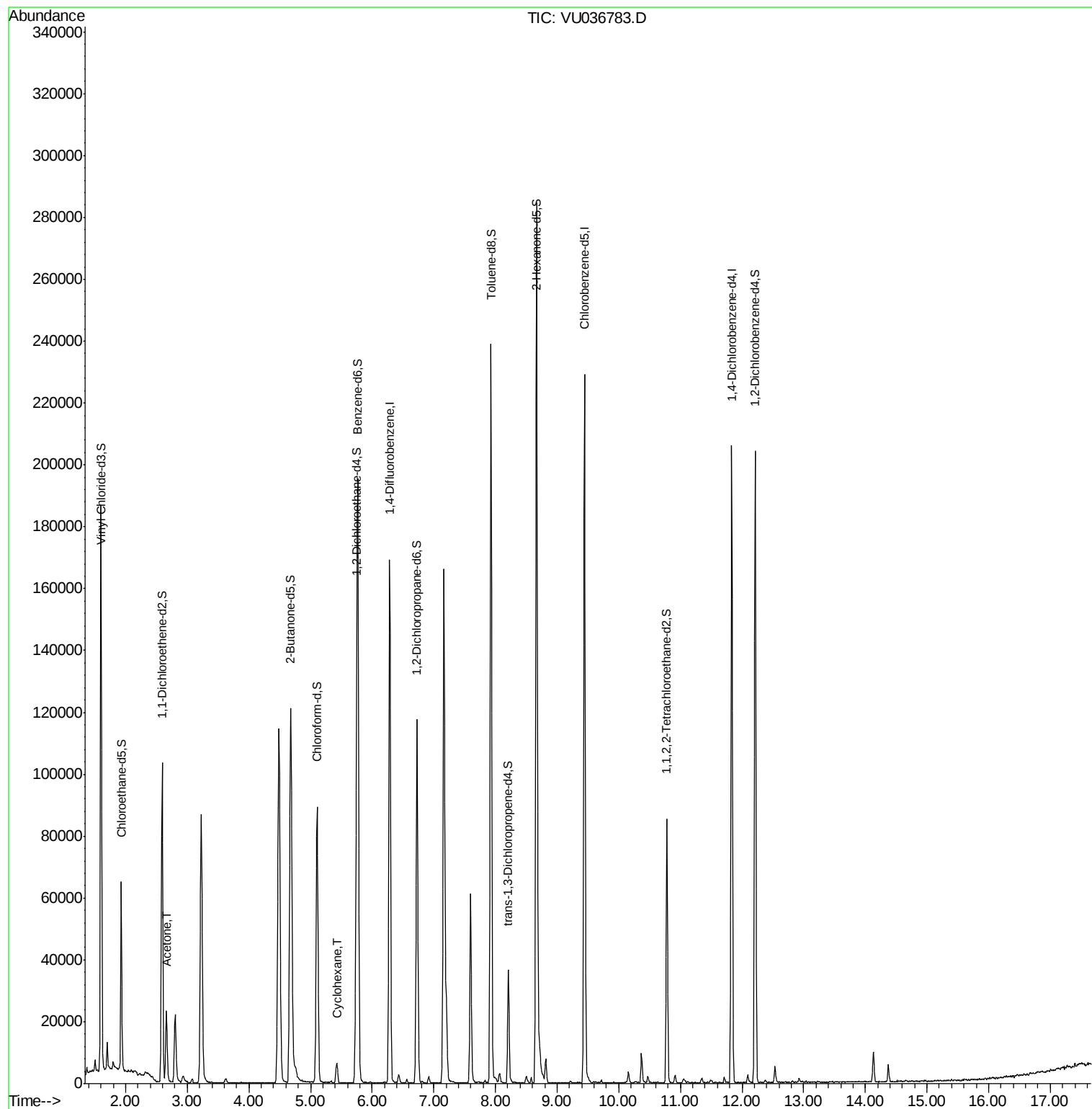
| Target Compounds |      |    |       |            | Ovalue |
|------------------|------|----|-------|------------|--------|
| 13) Acetone      | 2.66 | 43 | 26927 | 8.970 ug/L | 100    |
| 30) Cyclohexane  | 5.42 | 56 | 3297  | 0.233 ug/L | 95     |

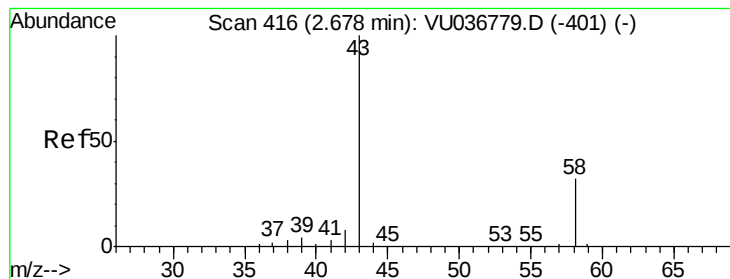
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.970 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.02 min

Lab File: VU036783.D

Acq: 14 Feb 2020 13:44

Instrument :

MSVOA\_U

ClientSampleId :

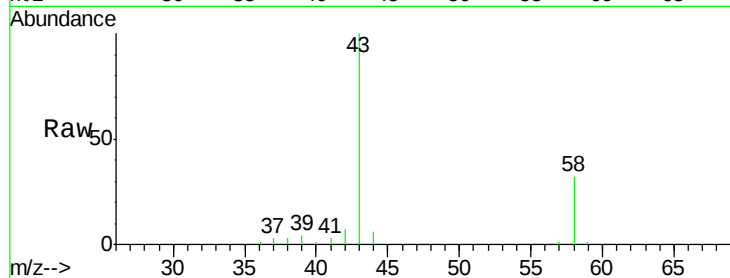
C0AR0

Tot Ion: 43 Resp: 26927

Ion Ratio Lower Upper

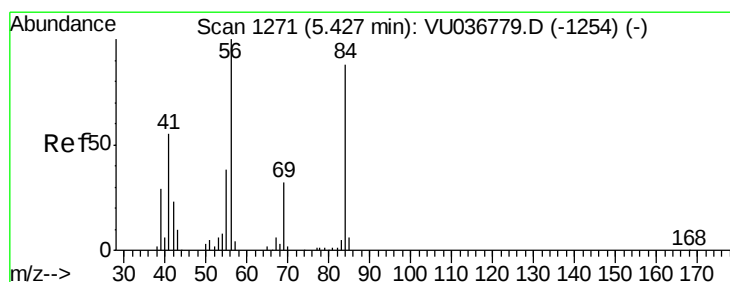
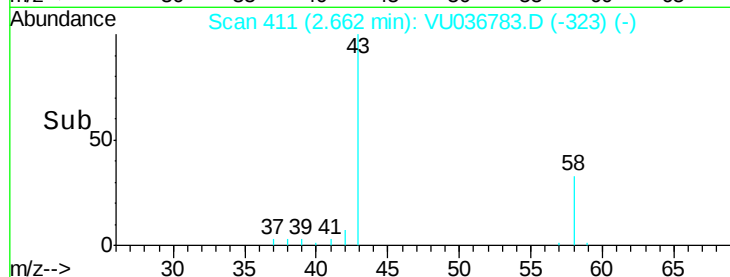
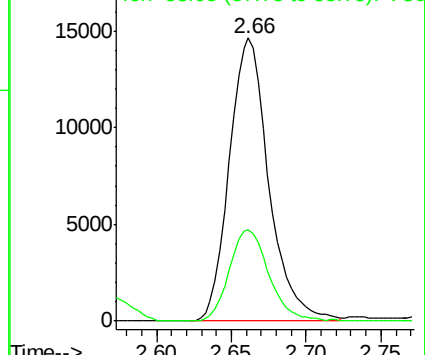
43 100

58 32.3 0.0 64.2



Abundance Ion 43.05 (42.75 to 43.75): VU036783.D (-323) (-)

Ion 58.05 (57.75 to 58.75): VU036783.D (-323) (-)



#30

Cyclohexane

Concen: 0.233 ug/L

RT: 5.42 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VU036783.D

Acq: 14 Feb 2020 13:44

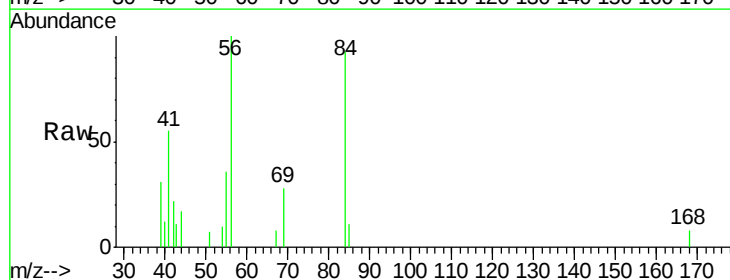
Tgt Ion: 56 Resp: 3297

Ion Ratio Lower Upper

56 100

69 28.4 24.6 37.0

84 92.6 70.0 105.0



Abundance Ion 56.10 (55.80 to 56.80): VU036783.D (-1178) (-)

Ion 69.15 (68.85 to 69.85): VU036783.D (-1178) (-)

Ion 84.15 (83.85 to 84.85): VU036783.D (-1178) (-)

