

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU101720\  
 Data File : VU040770.D  
 Acq On : 17 Oct 2020 18:33  
 Operator : SY/MD  
 Sample : L4421-04  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFSG7

Quant Time: Oct 19 03:46:40 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR100820WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Mon Oct 19 03:08:11 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 118300   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 124317   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 53482    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 33660    | 3.43     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 68.60%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 34592    | 4.58     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 91.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 55089    | 2.87     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 57.40%# |
| 20) 2-Butanone-d5              | 4.66   | 46    | 170807   | 54.45    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 108.90% |
| 24) Chloroform-d               | 5.08   | 84    | 82891    | 4.82     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 96.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 52596    | 5.02     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 100.40% |
| 32) Benzene-d6                 | 5.74   | 84    | 143646   | 4.29     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 85.80%  |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 51395    | 4.62     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 92.40%  |
| 41) Toluene-d8                 | 7.90   | 98    | 108026   | 3.60     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 72.00%  |
| 43) trans-1,3-Dichloropropene- | 8.18   | 79    | 19595    | 4.16     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 83.20%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 112805   | 46.42    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 92.84%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 48214    | 4.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 96.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 49228    | 4.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 99.20%  |

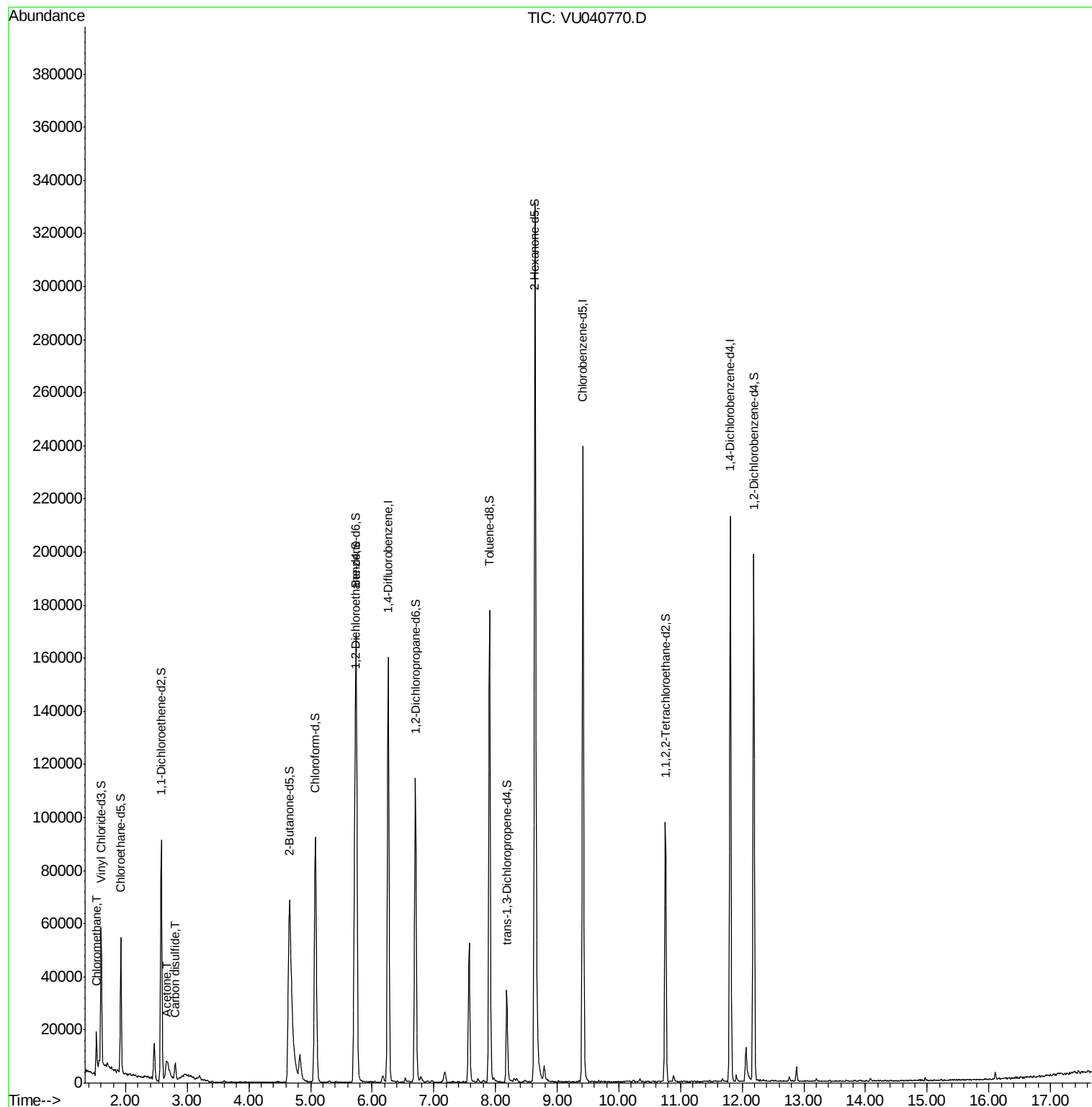
| Target Compounds     |      |    |       |              | Ovalue |
|----------------------|------|----|-------|--------------|--------|
| 3) Chloromethane     | 1.53 | 50 | 10389 | 1.036 ug/L   | 92     |
| 13) Acetone          | 2.67 | 43 | 19688 | 8.097 ug/L   | 82     |
| 14) Carbon disulfide | 2.81 | 76 | 7831  | 0.331 ug/L # | 94     |

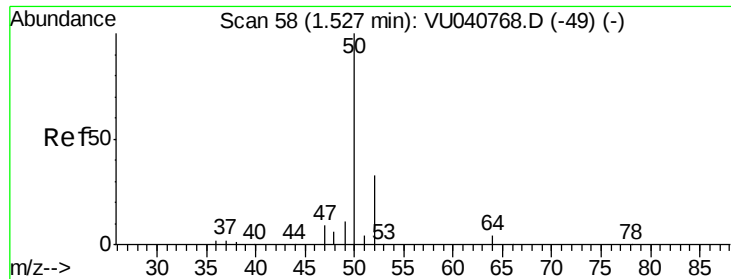
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.036 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU040770.D

Acq: 17 Oct 2020 18:33

Instrument :

MSVOA\_U

ClientSampleId :

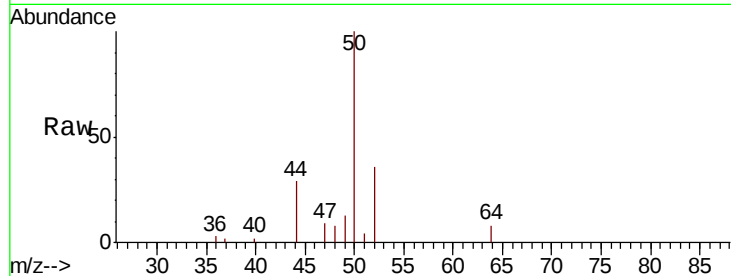
BFSG7

Tot Ion: 50 Resp: 10389

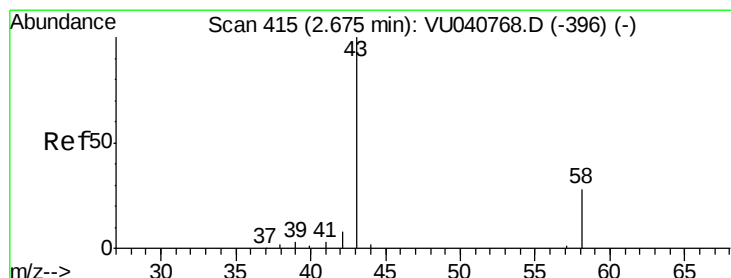
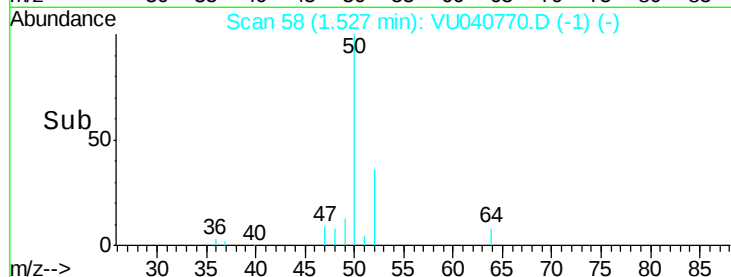
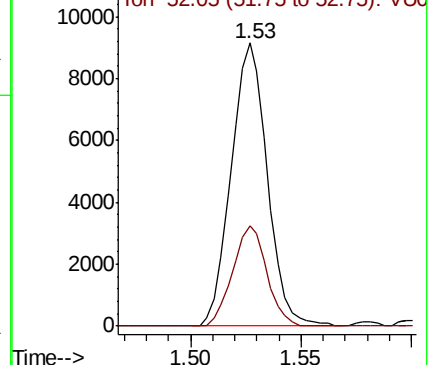
Ion Ratio Lower Upper

50 100

52 35.6 21.9 40.7



Abundance Ion 50.05 (49.75 to 50.75): VU040770.D (-1) (-)



#13

Acetone

Concen: 8.097 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.01 min

Lab File: VU040770.D

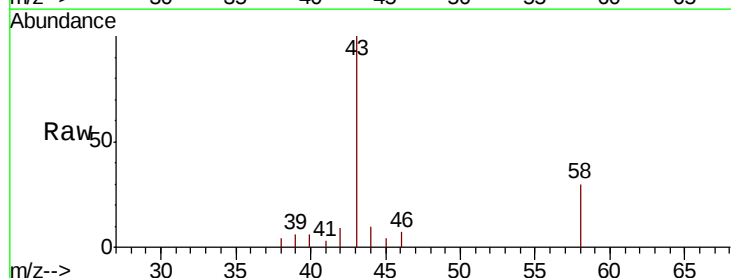
Acq: 17 Oct 2020 18:33

Tgt Ion: 43 Resp: 19688

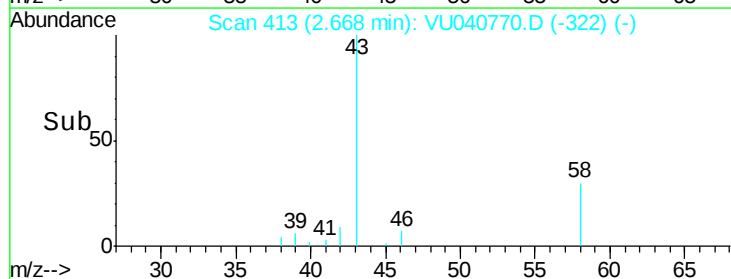
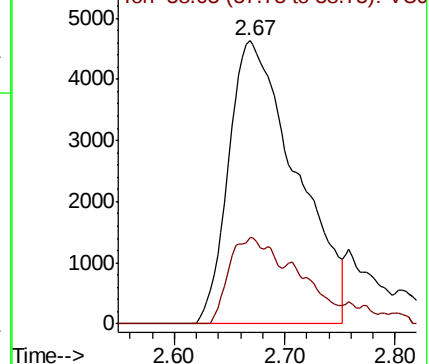
Ion Ratio Lower Upper

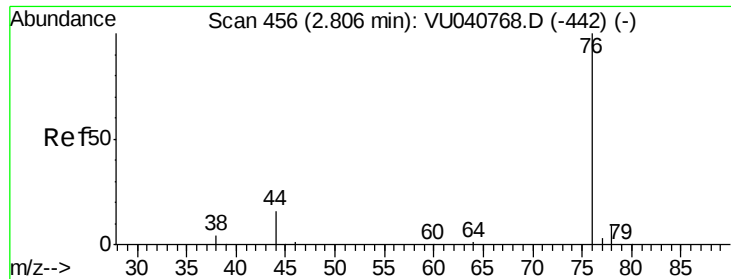
43 100

58 20.3 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU040770.D (-322) (-)





#14  
 Carbon disulfide  
 Concen: 0.331 ug/L  
 RT: 2.81 min Scan# 456  
 Delta R.T. -0.00 min  
 Lab File: VU040770.D  
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Tot Ion: 76 Resp: 7831  
 Ion Ratio Lower Upper  
 76 100  
 78 10.8 6.8 10.2#

