

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101420\  
 Data File : VU040701.D  
 Acq On : 14 Oct 2020 16:11  
 Operator : SY/MD  
 Sample : L4401-07  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFSC7

Quant Time: Oct 15 06:40:20 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR100820WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Oct 15 05:23:17 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 117995   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 123501   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 52801    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 48789    | 4.99     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 99.80%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 41215    | 5.47     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 109.40% |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 73500    | 3.85     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 77.00%  |
| 20) 2-Butanone-d5              | 4.66   | 46    | 173475   | 55.45    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 110.90% |
| 24) Chloroform-d               | 5.08   | 84    | 90858    | 5.30     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 106.00% |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 55245    | 5.29     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 105.80% |
| 32) Benzene-d6                 | 5.74   | 84    | 173700   | 5.22     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 104.40% |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 58625    | 5.30     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 106.00% |
| 41) Toluene-d8                 | 7.91   | 98    | 138150   | 4.63     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 92.60%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 22269    | 4.75     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 95.00%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 122003   | 50.54    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 101.08% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 50341    | 5.07     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 101.40% |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 55192    | 5.64     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 112.80% |

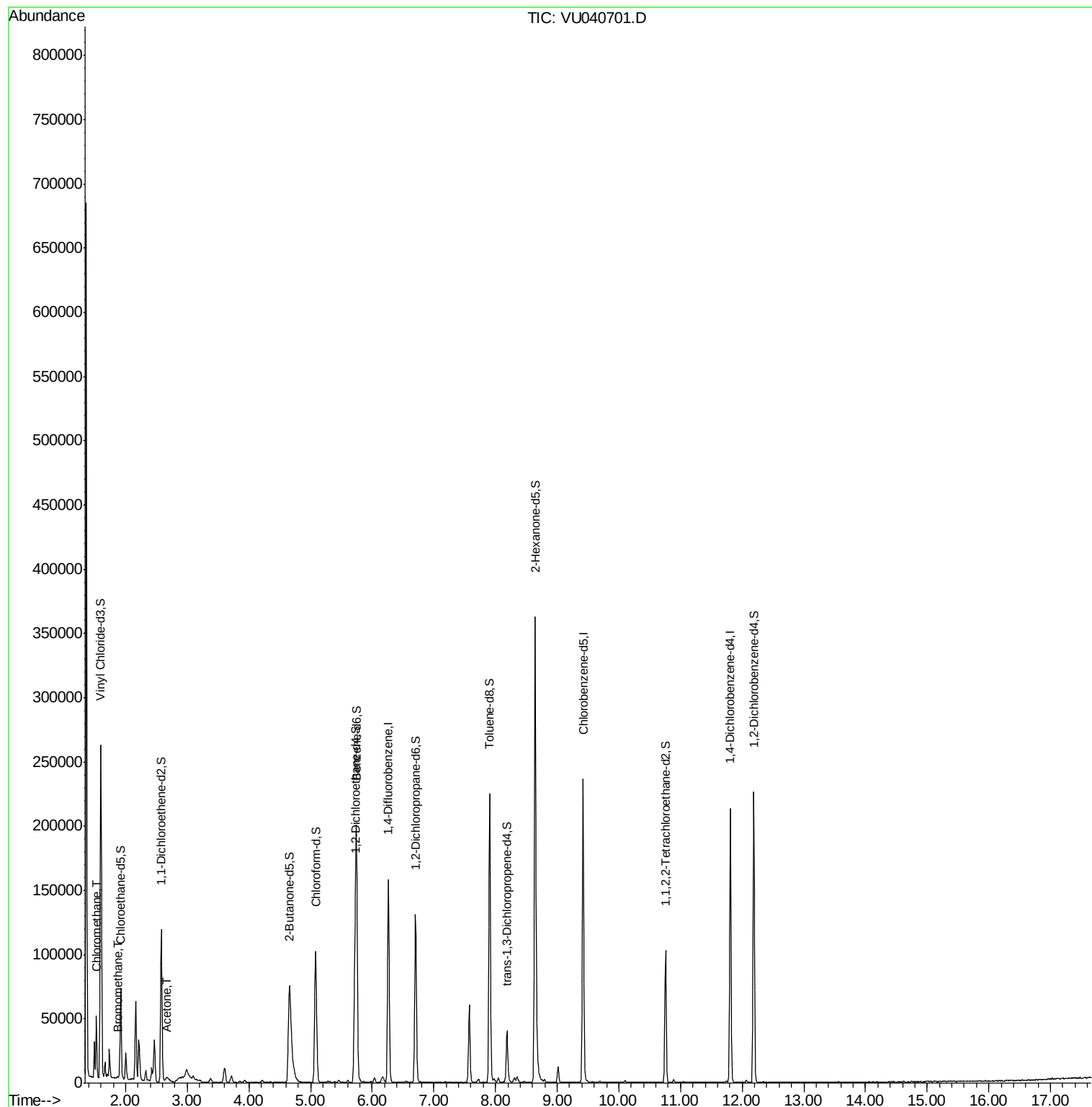
| Target Compounds |      |    |       |            | Ovalue |
|------------------|------|----|-------|------------|--------|
| 3) Chloromethane | 1.53 | 50 | 32326 | 3.233 ug/L | 99     |
| 6) Bromomethane  | 1.87 | 94 | 613   | 0.107 ug/L | 92     |
| 13) Acetone      | 2.67 | 43 | 6968  | 2.873 ug/L | 91     |

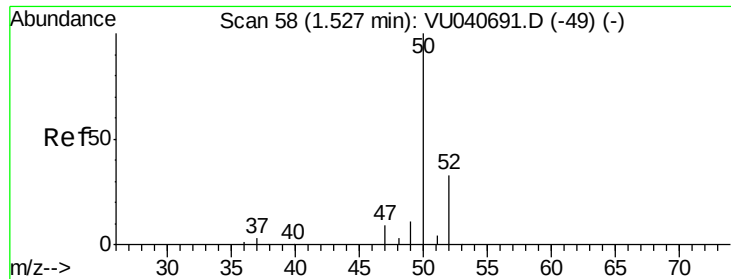
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 3.233 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040701.D

Acq: 14 Oct 2020 16:11

Instrument :

MSVOA\_U

ClientSampleId :

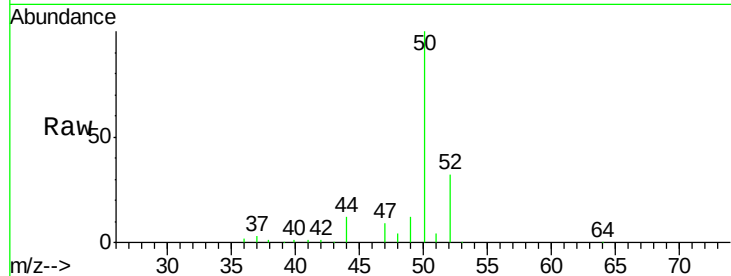
BFSC7

Tot Ion: 50 Resp: 32326

Ion Ratio Lower Upper

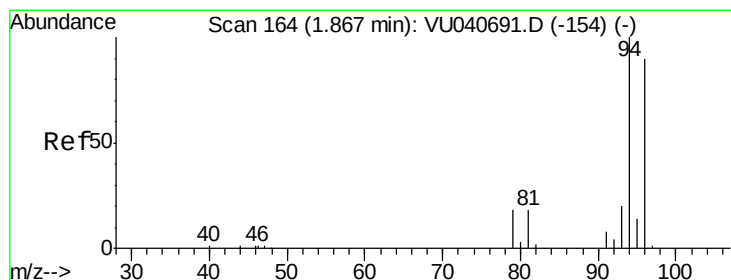
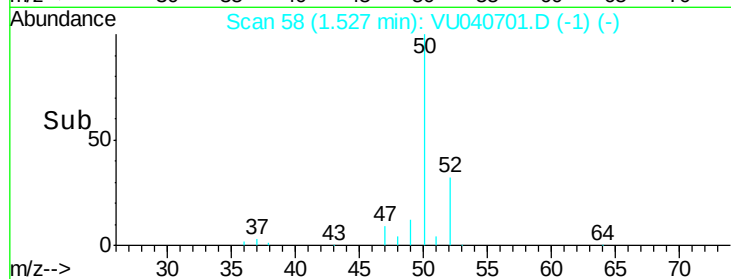
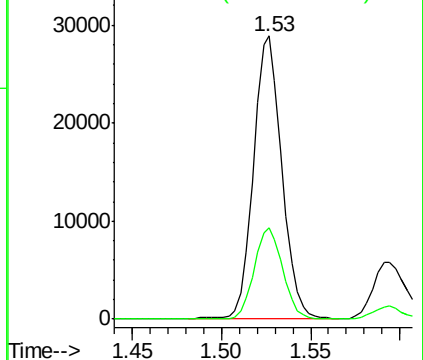
50 100

52 32.1 21.9 40.7



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#6

Bromomethane

Concen: 0.107 ug/L

RT: 1.87 min Scan# 165

Delta R.T. 0.00 min

Lab File: VU040701.D

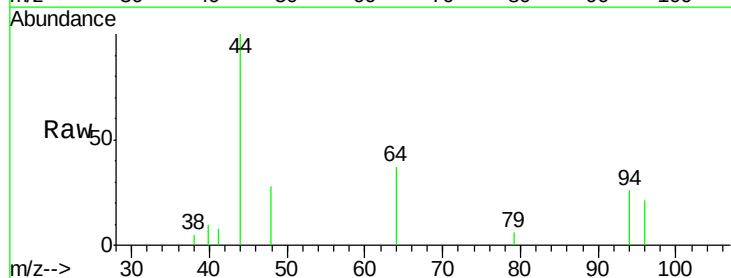
Acq: 14 Oct 2020 16:11

Tgt Ion: 94 Resp: 613

Ion Ratio Lower Upper

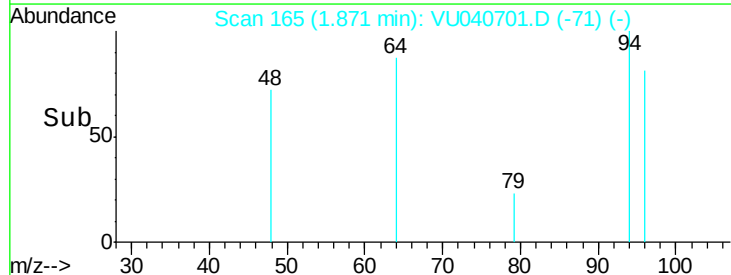
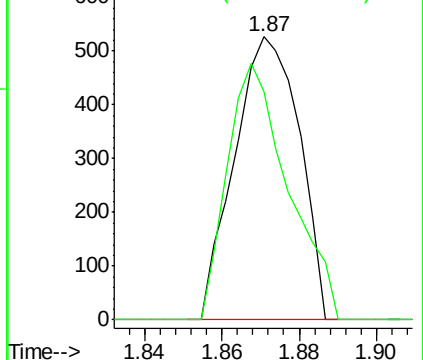
94 100

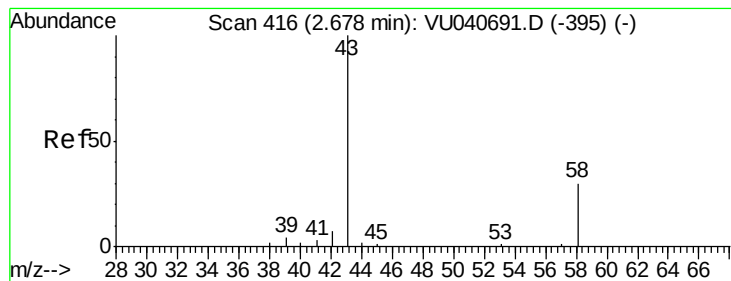
96 80.8 62.1 115.3



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0





#13  
 Acetone  
 Concen: 2.873 ug/L  
 RT: 2.67 min Scan# 414  
 Delta R.T. -0.01 min  
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Tot Ion: 43 Resp: 6968  
 Ion Ratio Lower Upper  
 43 100  
 58 35.1 0.0 60.6

