

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110220\  
 Data File : VU041051.D  
 Acq On : 02 Nov 2020 15:27  
 Operator : SY/MD  
 Sample : L4550-04  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFSG6

Quant Time: Nov 03 01:22:45 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR102620WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Nov 03 00:40:40 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 57004    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 59524    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 26801    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 19668    | 4.11     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 82.20%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 14579    | 3.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 79.20%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 28577    | 3.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 60.80%  |
| 20) 2-Butanone-d5              | 4.65   | 46    | 80556    | 51.08    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 102.16% |
| 24) Chloroform-d               | 5.08   | 84    | 36096    | 4.27     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 85.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 23844    | 4.54     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 90.80%  |
| 32) Benzene-d6                 | 5.74   | 84    | 66316    | 4.17     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 83.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 23045    | 4.44     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 88.80%  |
| 41) Toluene-d8                 | 7.91   | 98    | 55184    | 3.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 76.60%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 9420     | 4.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 83.80%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 59190    | 48.93    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 97.86%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 22204    | 4.61     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 92.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 22147    | 4.71     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 94.20%  |

## Target Compounds

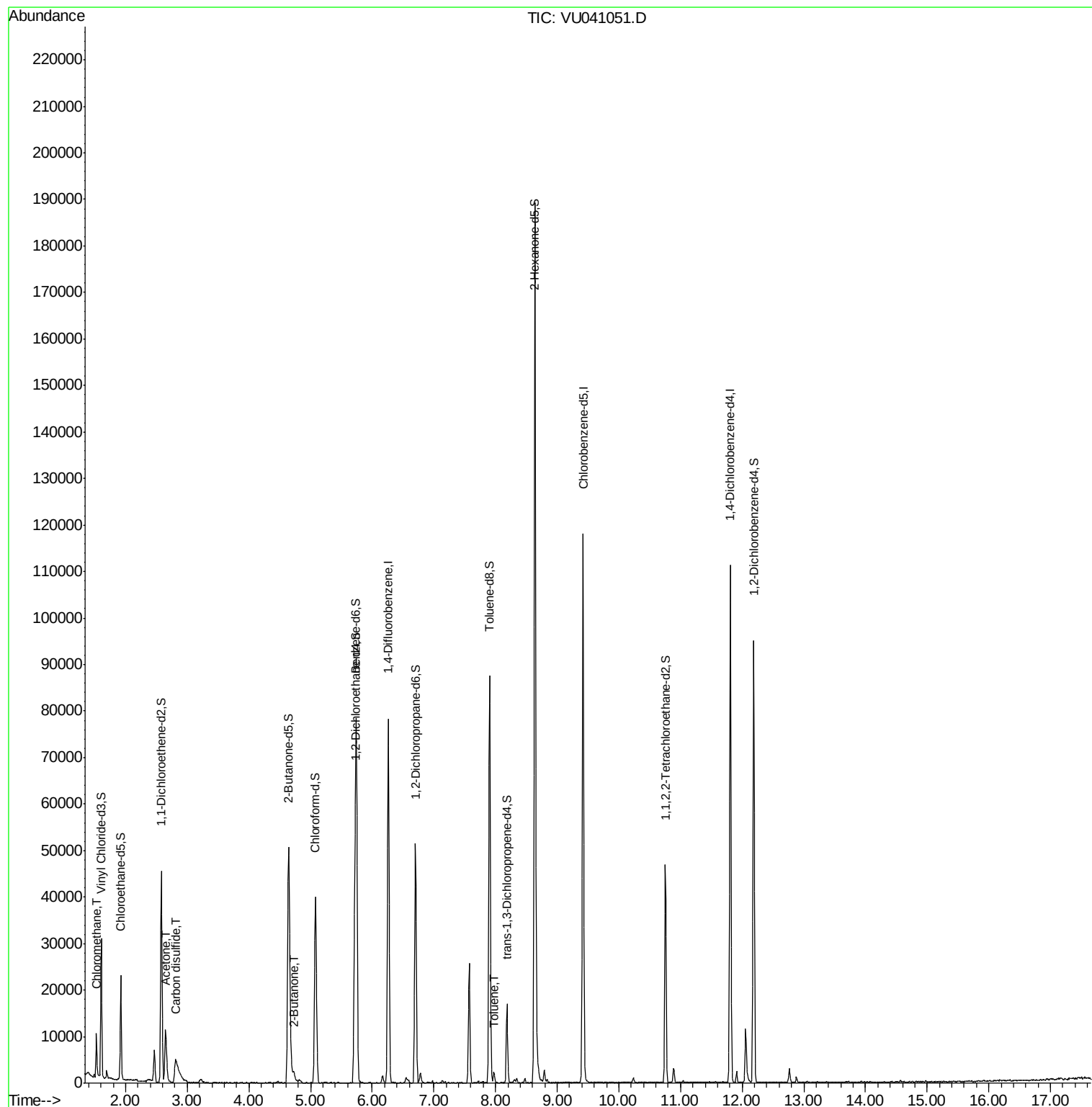
|                      |      |    |       |        | Ovalue    |
|----------------------|------|----|-------|--------|-----------|
| 3) Chloromethane     | 1.53 | 50 | 5887  | 1.085  | ug/L 95   |
| 13) Acetone          | 2.65 | 43 | 17148 | 15.904 | ug/L # 61 |
| 14) Carbon disulfide | 2.81 | 76 | 2745  | 0.204  | ug/L 96   |
| 21) 2-Butanone       | 4.73 | 43 | 3083  | 1.830  | ug/L 87   |
| 42) Toluene          | 7.98 | 91 | 1818  | 0.101  | ug/L 92   |

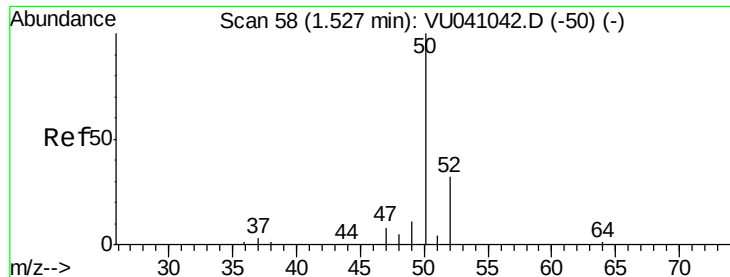
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 1.085 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU041051.D

Acq: 02 Nov 2020 15:27

Instrument :

MSVOA\_U

ClientSampleId :

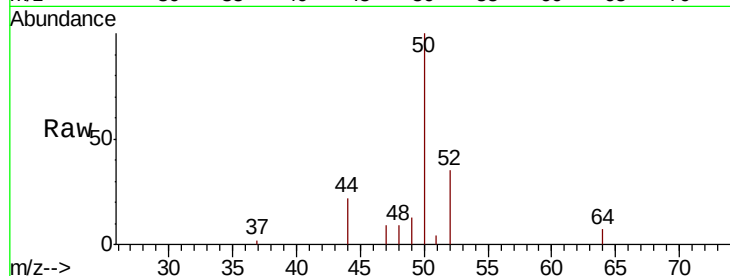
BFSG6

Tot Ion: 50 Resp: 5887

Ion Ratio Lower Upper

50 100

52 34.7 22.4 41.6



Abundance Ion 50.05 (49.75 to 50.75): VU041042.D (-50) (-)

Ion 52.05 (51.75 to 52.75): VU041042.D (-50) (-)

1.53

6000

5000

4000

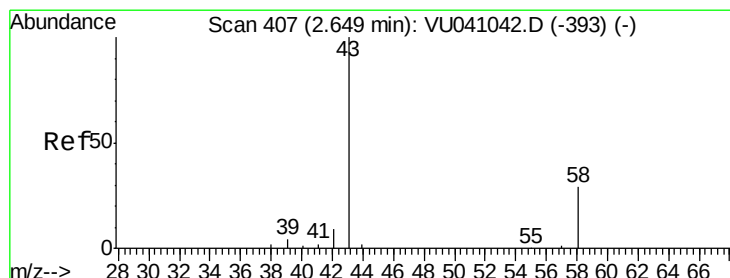
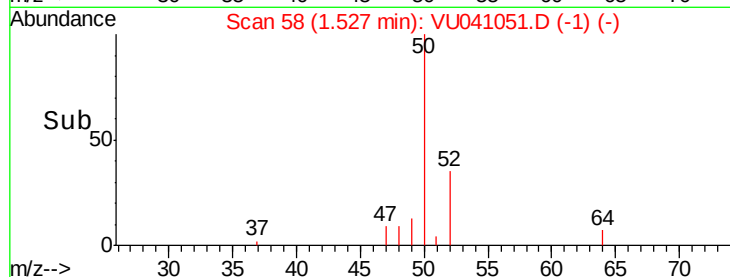
3000

2000

1000

0

Time-->



#13

Acetone

Concen: 15.904 ug/L

RT: 2.65 min Scan# 407

Delta R.T. 0.00 min

Lab File: VU041051.D

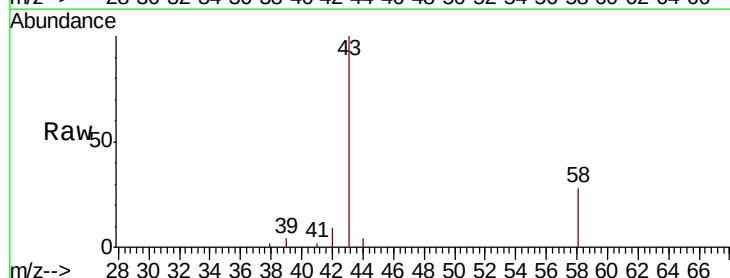
Acq: 02 Nov 2020 15:27

Tgt Ion: 43 Resp: 17148

Ion Ratio Lower Upper

43 100

58 27.9 0.0 25.4#



Abundance Ion 43.05 (42.75 to 43.75): VU041042.D (-393) (-)

Ion 58.05 (57.75 to 58.75): VU041042.D (-393) (-)

2.65

8000

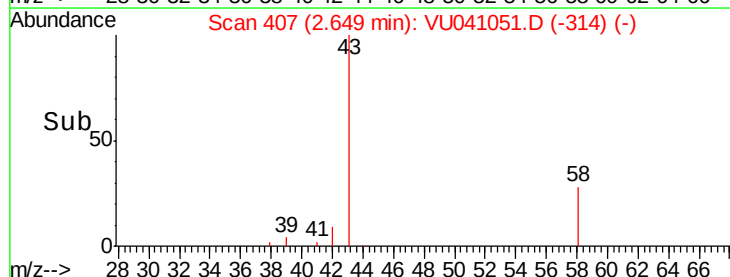
6000

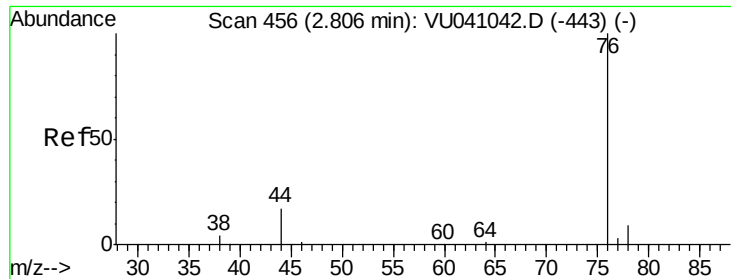
4000

2000

0

Time-->





#14

Carbon disulfide

Concen: 0.204 ug/L

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU041051.D

Acq: 02 Nov 2020 15:27

Instrument :

MSVOA\_U

ClientSampleId :

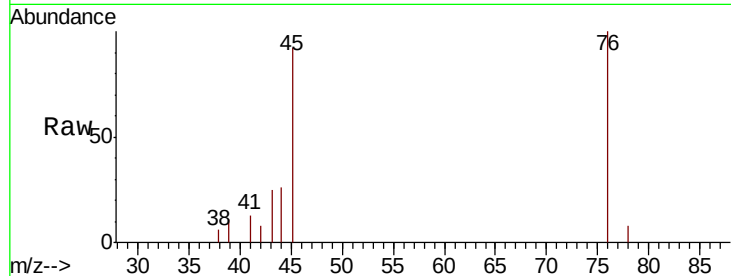
BFSG6

Tot Ion: 76 Resp: 2745

Ion Ratio Lower Upper

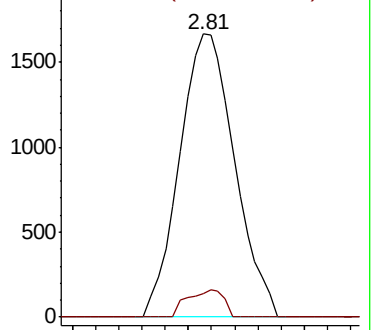
76 100

78 8.1 7.5 11.3

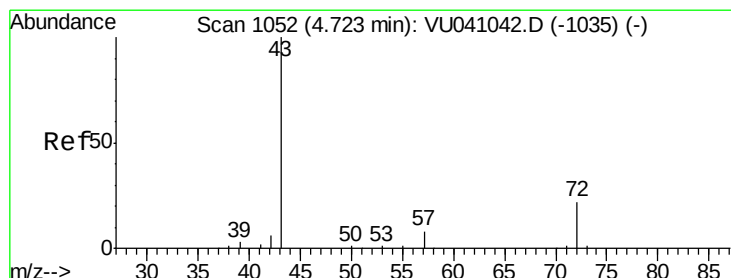
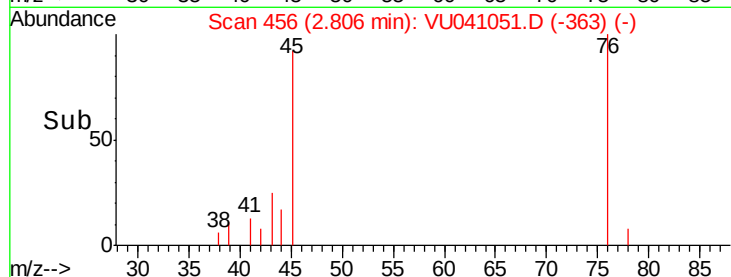


Abundance Ion 76.05 (75.75 to 76.75): VU0

Ion 78.00 (77.70 to 78.70): VU0



Time--> 2.75 2.80 2.85



#21

2-Butanone

Concen: 1.830 ug/L

RT: 4.73 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VU041051.D

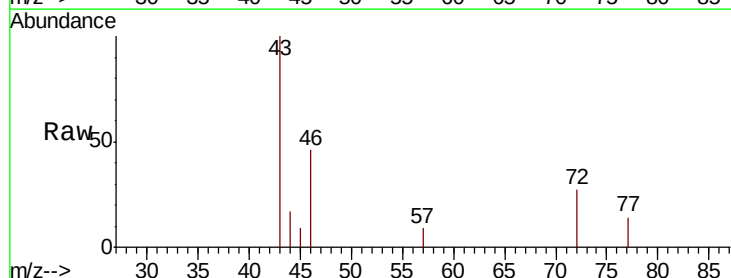
Acq: 02 Nov 2020 15:27

Tgt Ion: 43 Resp: 3083

Ion Ratio Lower Upper

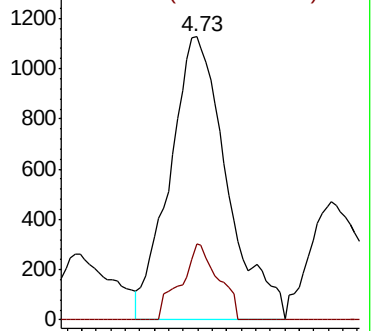
43 100

72 17.4 11.8 35.4

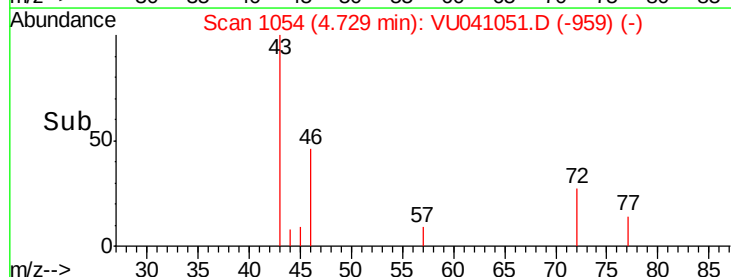


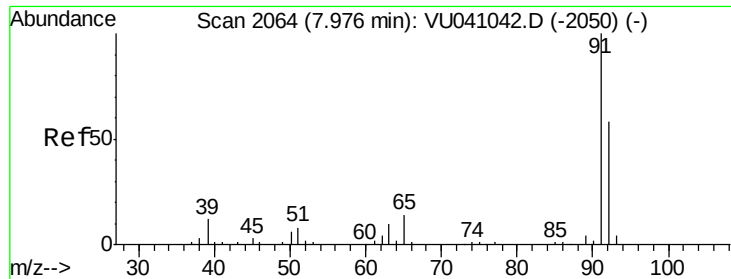
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 72.10 (71.80 to 72.80): VU0



Time--> 4.65 4.70 4.75 4.80





#42

Toluene

Concen: 0.101 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU041051.D

Acq: 02 Nov 2020 15:27

Instrument :  
MSVOA\_U  
ClientSampleId :  
BFSG6

Tot Ion: 91 Resp: 1818

Ion Ratio Lower Upper

91 100

92 64.2 40.6 75.4

