

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060420\  
 Data File : VU038531.D  
 Acq On : 03 Jun 2020 22:03  
 Operator : SY/MD  
 Sample : L2872-01  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFEN3

Quant Time: Jun 04 04:46:03 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR053120WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Jun 04 01:48:03 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 299361   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 299975   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 143962   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 53213    | 2.75     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 55.00%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 54552    | 3.66     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 73.20%  |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 93008    | 2.44     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 48.80%# |
| 20) 2-Butanone-d5              | 4.67   | 46    | 326630   | 55.49    | ug/L | -0.02   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 110.98% |
| 24) Chloroform-d               | 5.10   | 84    | 167532   | 4.60     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 92.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 104724   | 5.07     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 101.40% |
| 32) Benzene-d6                 | 5.76   | 84    | 318117   | 4.25     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 85.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.72   | 67    | 104231   | 4.53     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 90.60%  |
| 41) Toluene-d8                 | 7.92   | 98    | 263823   | 3.93     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 78.60%  |
| 43) trans-1,3-Dichloropropene- | 8.20   | 79    | 40973    | 4.14     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 82.80%  |
| 46) 2-Hexanone-d5              | 8.65   | 63    | 282367   | 57.73    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 115.46% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77  | 84    | 98565    | 5.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 100.80% |
| 64) 1,2-Dichlorobenzene-d4     | 12.20  | 152   | 116371   | 4.69     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 93.80%  |

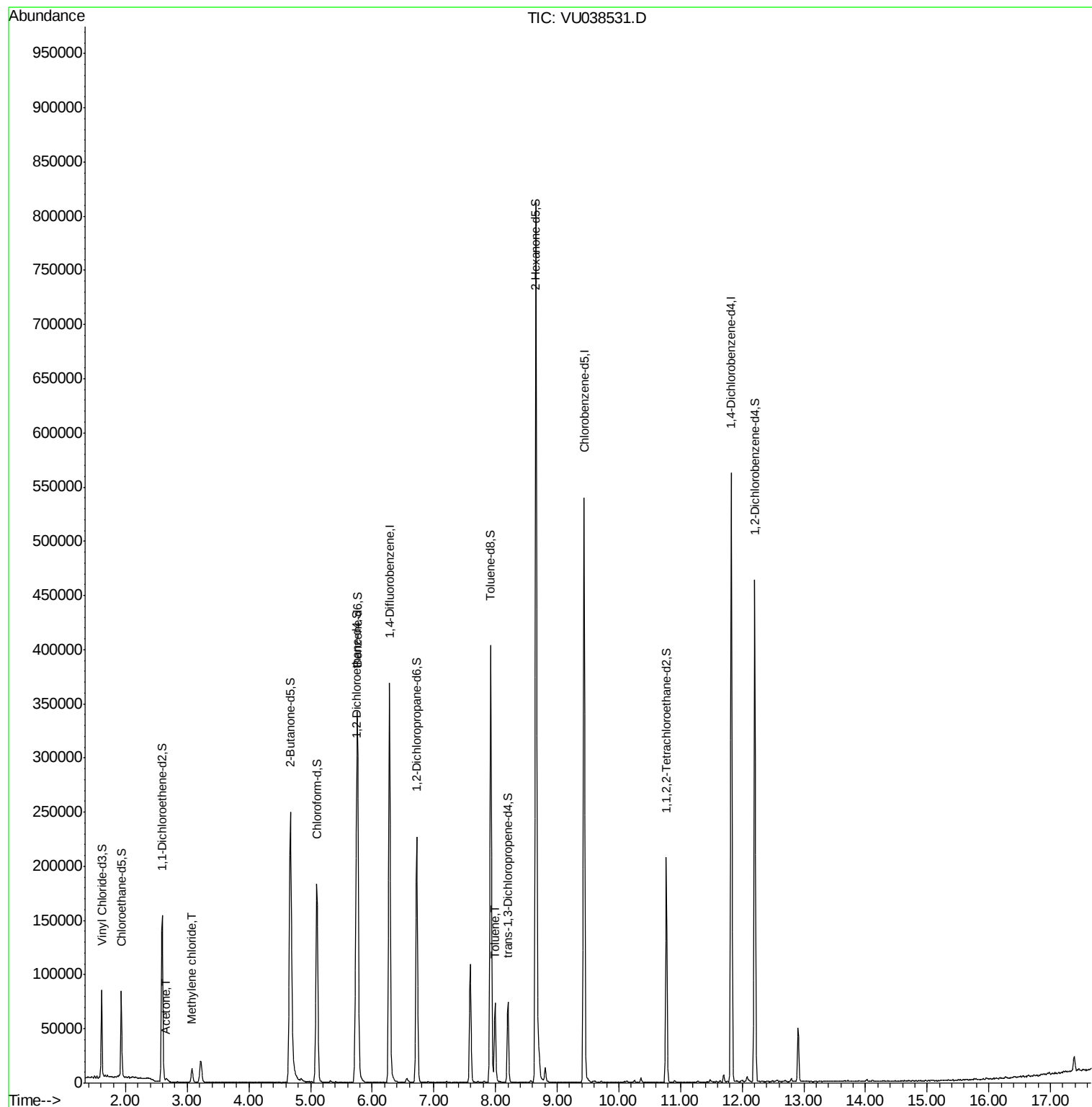
| Target Compounds       |      |    |       |            | Ovalue |
|------------------------|------|----|-------|------------|--------|
| 13) Acetone            | 2.67 | 43 | 4185  | 1.086 ug/L | 68     |
| 16) Methylene chloride | 3.08 | 84 | 6039  | 0.289 ug/L | 90     |
| 42) Toluene            | 7.99 | 91 | 51486 | 0.587 ug/L | 100    |

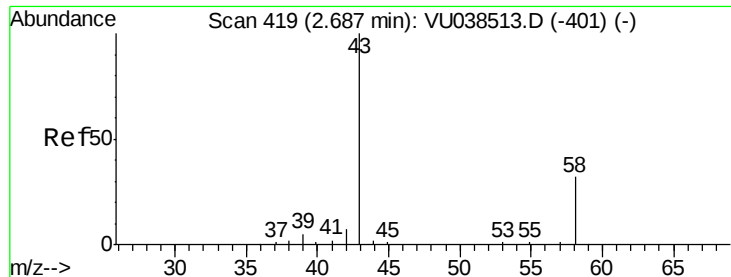
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.086 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.02 min

Lab File: VU038513.D

Acq: 03 Jun 2020 22:03

Instrument :

MSVOA\_U

ClientSampleId :

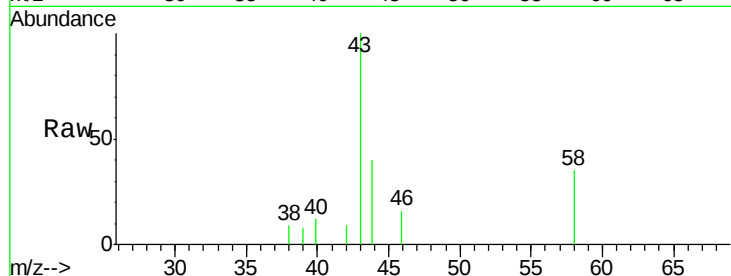
BFEN3

Tot Ion: 43 Resp: 4185

Ion Ratio Lower Upper

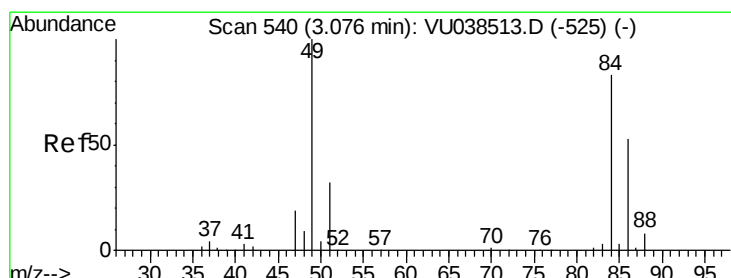
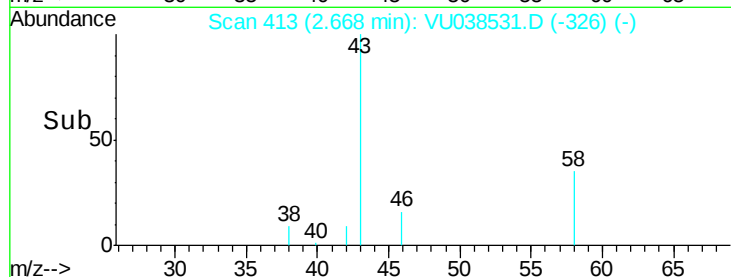
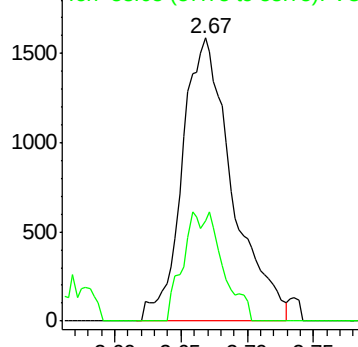
43 100

58 14.6 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038513.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU038513.D (-401) (-)



#16

Methylene chloride

Concen: 0.289 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU038513.D

Acq: 03 Jun 2020 22:03

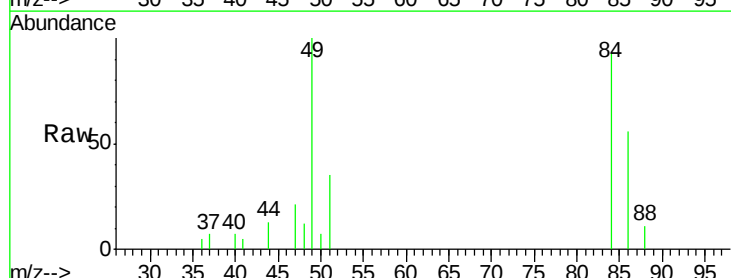
Tgt Ion: 84 Resp: 6039

Ion Ratio Lower Upper

84 100

86 60.6 45.0 83.6

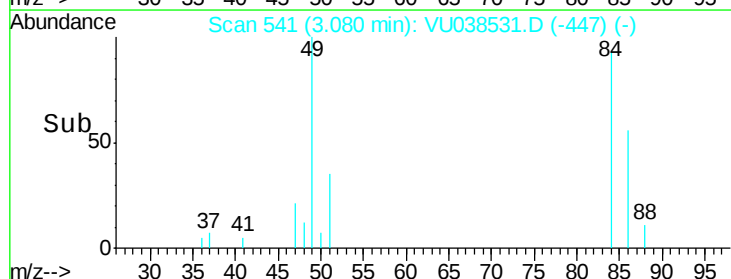
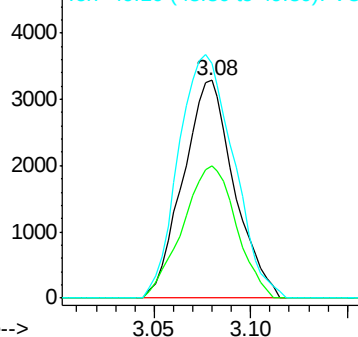
49 107.7 85.5 158.9

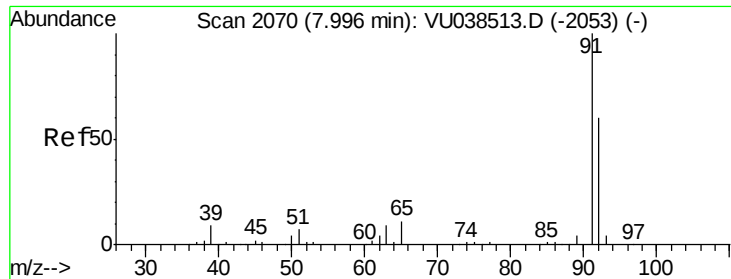


Abundance Ion 84.05 (83.75 to 84.75): VU038513.D (-525) (-)

Ion 86.00 (85.70 to 86.70): VU038513.D (-525) (-)

Ion 49.10 (48.80 to 49.80): VU038513.D (-525) (-)





#42

Toluene

Concen: 0.587 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VU038531.D

Acq: 03 Jun 2020 22:03

Instrument :

MSVOA\_U

ClientSampleId :

BFEN3

Tot Ion: 91 Resp: 51486

Ion Ratio Lower Upper

91 100

92 61.5 43.0 79.8

