

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031420\  
 Data File : VU037277.D  
 Acq On : 14 Mar 2020 21:06  
 Operator : JC/MD  
 Sample : L1923-12  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 CONH7

Quant Time: Mar 16 06:52:19 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR031120WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Mon Mar 16 05:16:55 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 123073   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 123434   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 49823    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 34586    | 4.28     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 85.60%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 31701    | 5.55     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 111.00% |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 50773    | 3.05     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 61.00%  |
| 20) 2-Butanone-d5              | 4.67   | 46    | 98504    | 47.65    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 95.30%  |
| 24) Chloroform-d               | 5.11   | 84    | 74778    | 4.52     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 90.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 43513    | 4.54     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 90.80%  |
| 32) Benzene-d6                 | 5.76   | 84    | 134719   | 4.44     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 88.80%  |
| 36) 1,2-Dichloropropane-d6     | 6.73   | 67    | 44271    | 4.51     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 90.20%  |
| 41) Toluene-d8                 | 7.92   | 98    | 118207   | 4.16     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 83.20%  |
| 43) trans-1,3-Dichloropropene- | 8.20   | 79    | 15953    | 4.03     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 80.60%  |
| 46) 2-Hexanone-d5              | 8.66   | 63    | 76736    | 46.53    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 93.06%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77  | 84    | 35650    | 4.42     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 88.40%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.21  | 152   | 42556    | 4.95     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 99.00%  |

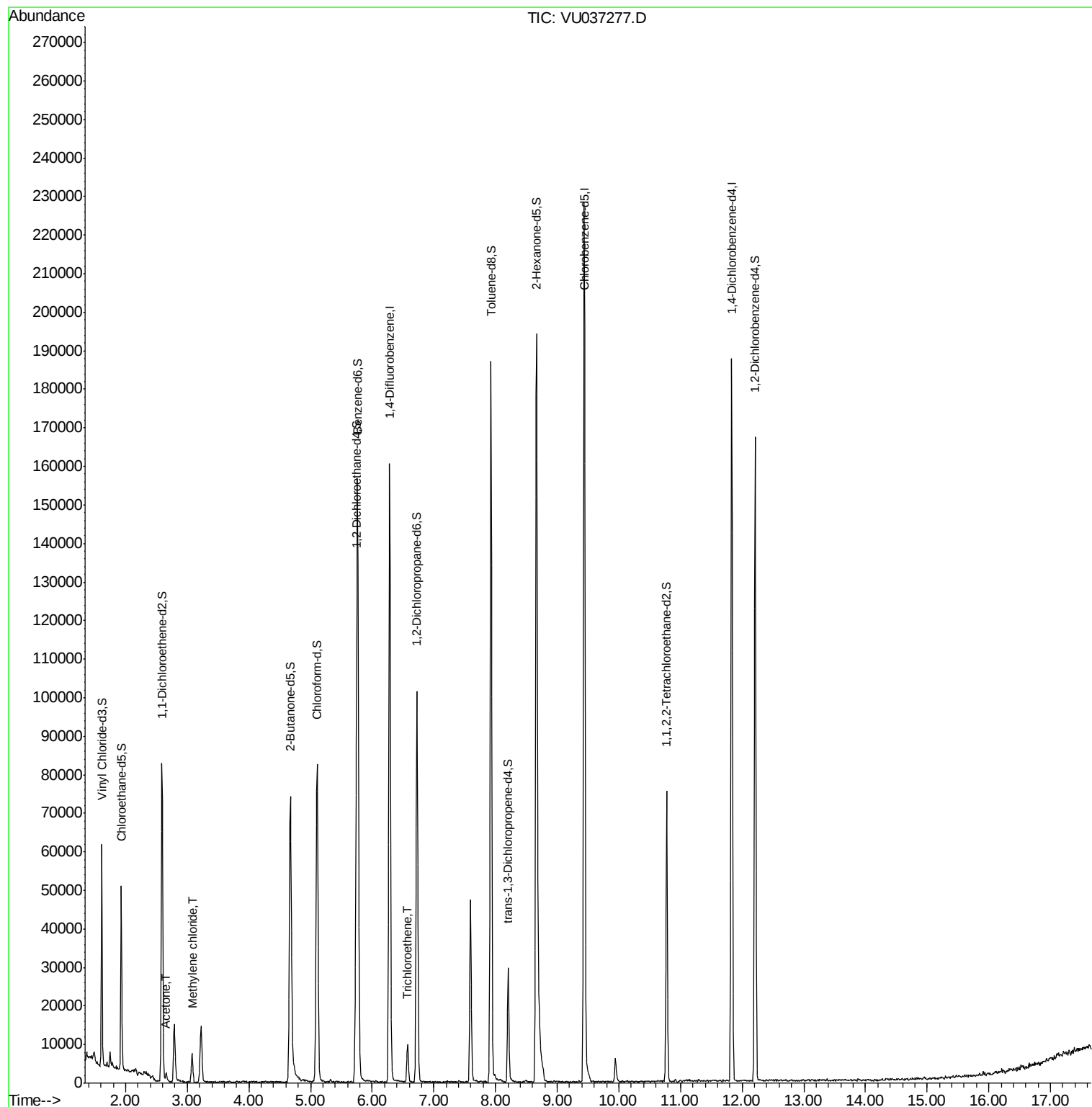
| Target Compounds       |      |    |      |            | Ovalue |
|------------------------|------|----|------|------------|--------|
| 13) Acetone            | 2.66 | 43 | 2839 | 1.676 ug/L | 98     |
| 16) Methylene chloride | 3.08 | 84 | 3368 | 0.349 ug/L | 92     |
| 34) Trichloroethene    | 6.58 | 95 | 3430 | 0.348 ug/L | 92     |

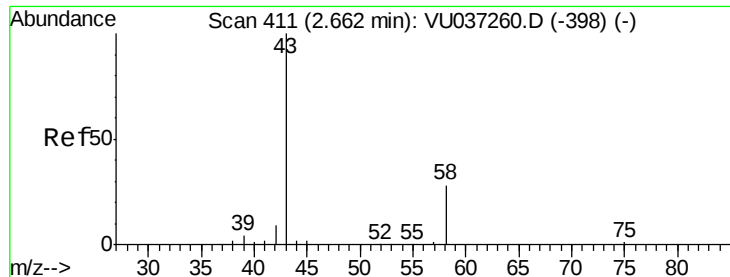
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.676 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

Lab File: VU037277.D

Acq: 14 Mar 2020 21:06

Instrument :

MSVOA\_U

ClientSampleId :

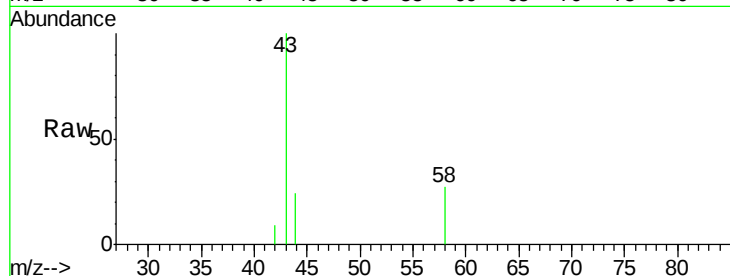
CONH7

Tot Ion: 43 Resp: 2839

Ion Ratio Lower Upper

43 100

58 26.9 0.0 52.2



Abundance Ion 43.05 (42.75 to 43.75): VU037260.D (-398) (-)

Ion 58.05 (57.75 to 58.75): VU037260.D (-398) (-)

2.66

1500

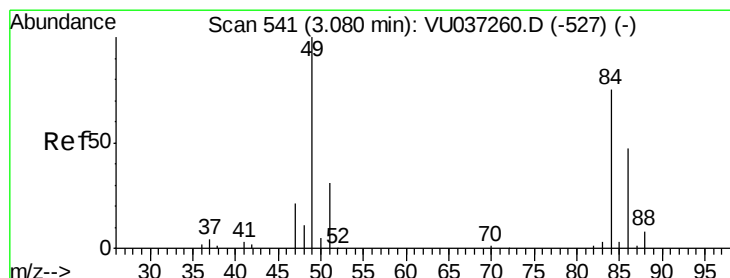
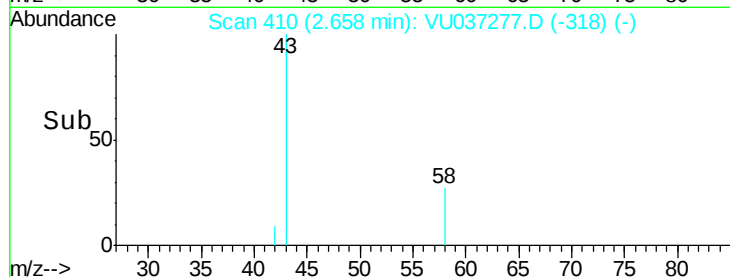
1000

500

0

Time-->

2.60 2.65 2.70



#16

Methylene chloride

Concen: 0.349 ug/L

RT: 3.08 min Scan# 540

Delta R.T. -0.00 min

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Acq: 14 Mar 2020 21:06

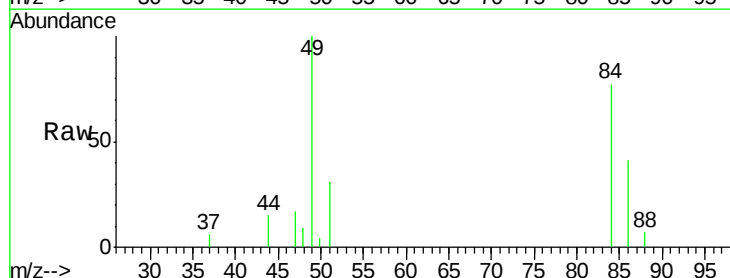
Tgt Ion: 84 Resp: 3368

Ion Ratio Lower Upper

84 100

86 52.7 44.3 82.3

49 129.1 95.3 177.1



Abundance Ion 84.05 (83.75 to 84.75): VU037260.D (-527) (-)

Ion 86.00 (85.70 to 86.70): VU037260.D (-527) (-)

Ion 49.10 (48.80 to 49.80): VU037260.D (-527) (-)

3.08

3000

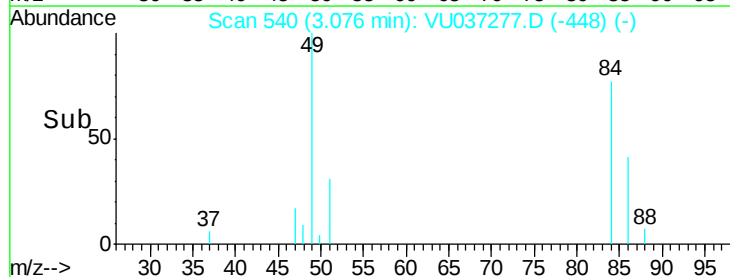
2000

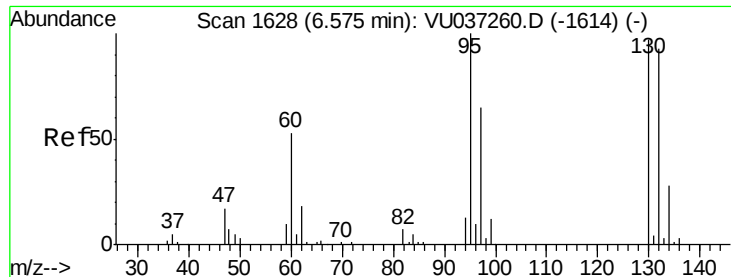
1000

0

Time-->

3.05 3.10





#34

Trichloroethene

Concen: 0.348 ug/L

RT: 6.58 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VU037277.D

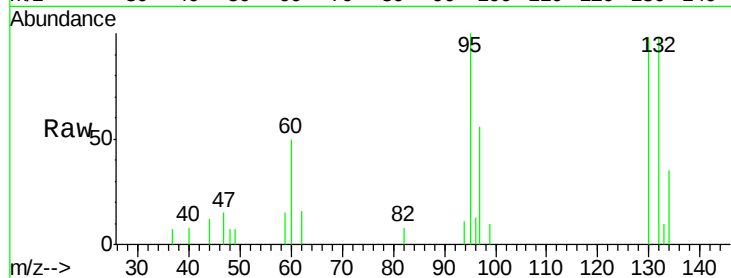
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Tot Ion: 95 Resp: 3430

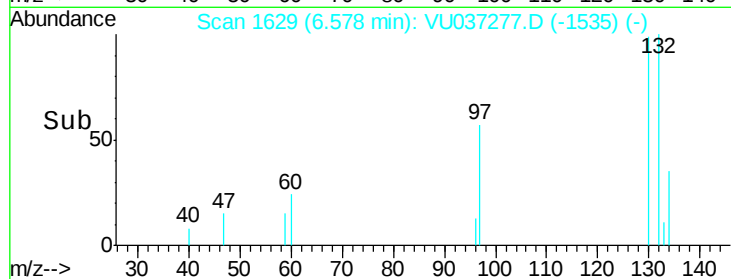
Ion Ratio Lower Upper

95 100

97 56.1 45.4 84.4

132 98.2 63.7 118.3

130 97.6 64.8 120.4



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

