

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091820\  
 Data File : VU040208.D  
 Acq On : 18 Sep 2020 14:07  
 Operator : SY/MD  
 Sample : L4063-14  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AH9

Quant Time: Sep 19 00:15:48 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR083120WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Sep 18 23:20:35 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 103144   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 102006   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 45218    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 29411    | 5.22     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 104.40%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 27957    | 5.96     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 119.20%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 51234    | 3.55     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 71.00%   |
| 20) 2-Butanone-d5              | 4.66   | 46    | 140871   | 62.54    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 125.08%  |
| 24) Chloroform-d               | 5.08   | 84    | 73636    | 5.60     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 112.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 45934    | 5.66     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 113.20%  |
| 32) Benzene-d6                 | 5.75   | 84    | 131330   | 5.51     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 110.20%  |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 44484    | 5.67     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 113.40%  |
| 41) Toluene-d8                 | 7.91   | 98    | 102746   | 4.78     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 95.60%   |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 18106    | 5.02     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 100.40%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 100461   | 58.81    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 117.62%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 41630    | 6.13     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 122.60%# |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 42785    | 5.85     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 117.00%  |

## Target Compounds

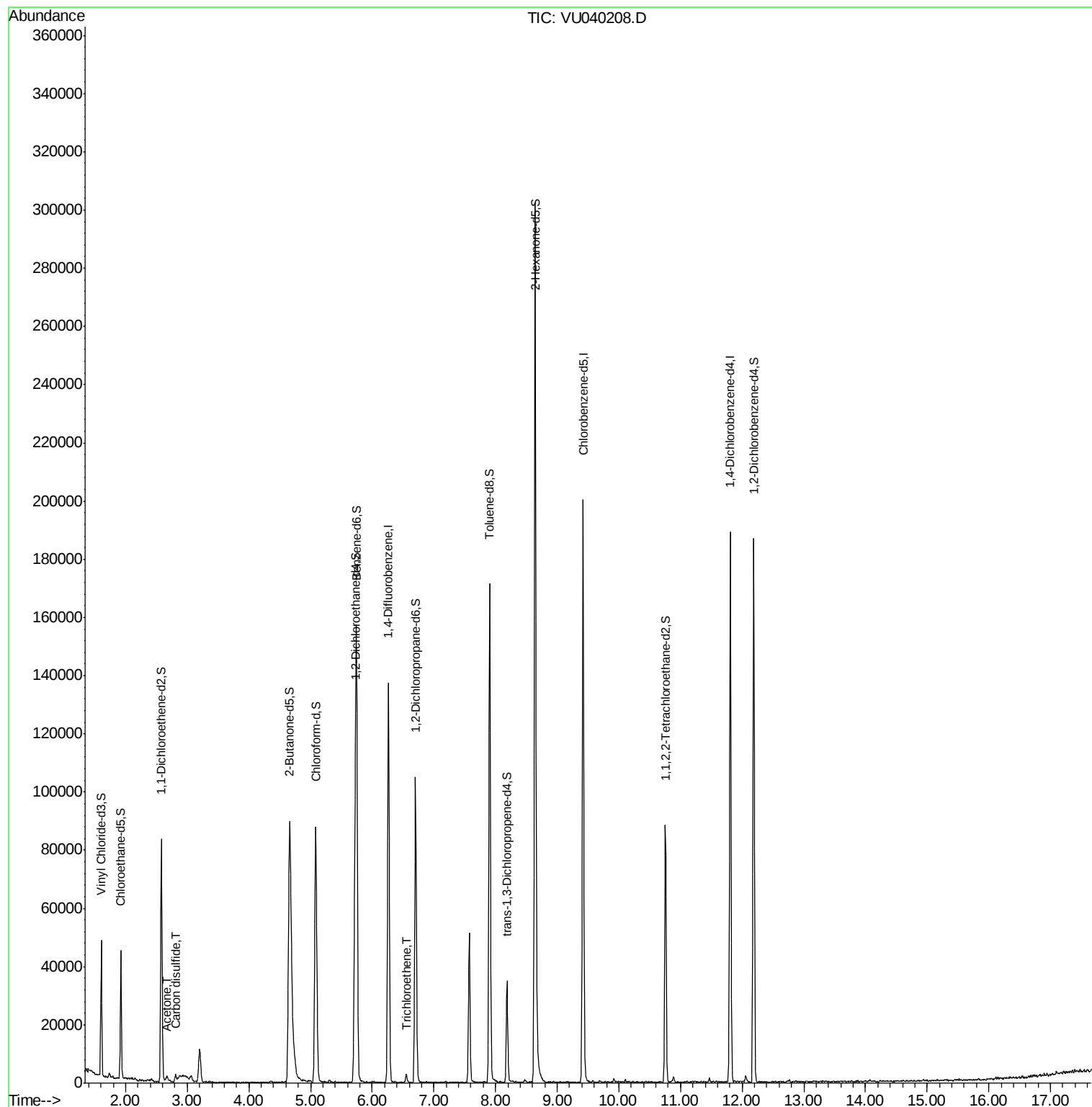
|                      |      |    |      |            | Ovalue |
|----------------------|------|----|------|------------|--------|
| 13) Acetone          | 2.67 | 43 | 2832 | 1.358 ug/L | 92     |
| 14) Carbon disulfide | 2.81 | 76 | 2689 | 0.105 ug/L | 99     |
| 34) Trichloroethene  | 6.55 | 95 | 956  | 0.098 ug/L | 93     |

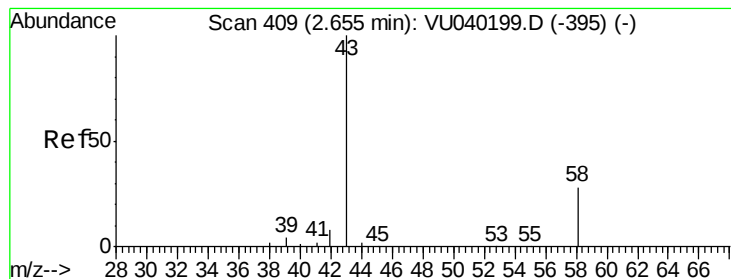
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.358 ug/L

RT: 2.67 min Scan# 413

Delta R.T. 0.01 min

Lab File: VU040208.D

Acq: 18 Sep 2020 14:07

Instrument :

MSVOA\_U

ClientSampleId :

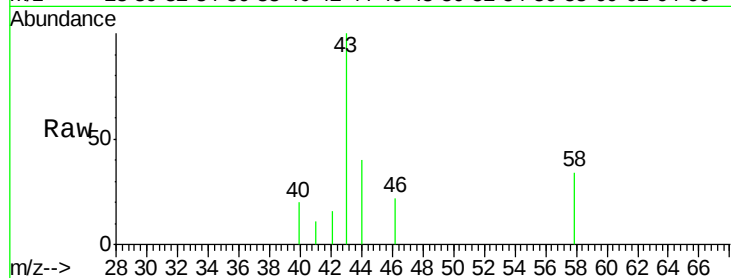
C0AH9

Tot Ion: 43 Resp: 2832

Ion Ratio Lower Upper

43 100

58 23.6 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU040199.D (-395) (-)

Ion 58.05 (57.75 to 58.75): VU040199.D (-395) (-)

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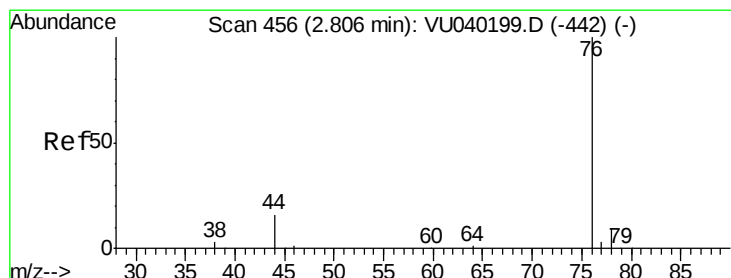
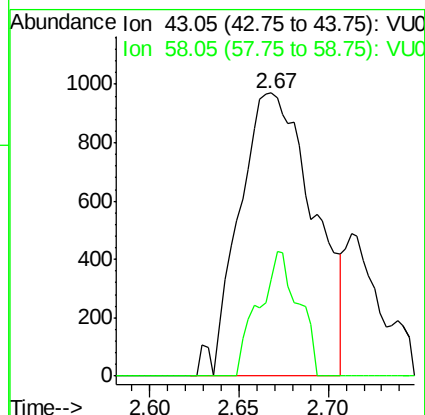
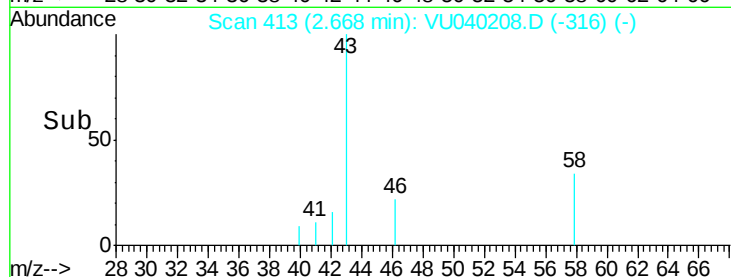
2.67

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#14

Carbon disulfide

Concen: 0.105 ug/L

RT: 2.81 min Scan# 457

Delta R.T. 0.00 min

Lab File: VU040208.D

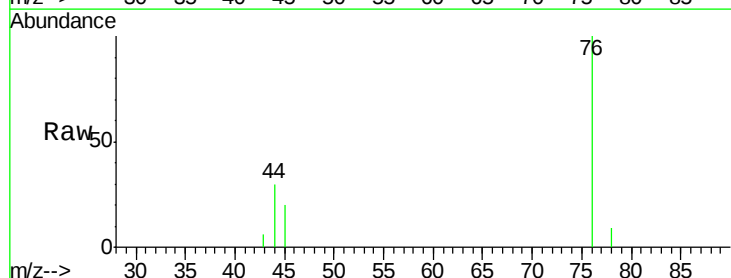
Acq: 18 Sep 2020 14:07

Tgt Ion: 76 Resp: 2689

Ion Ratio Lower Upper

76 100

78 8.7 7.2 10.8



Abundance Ion 76.05 (75.75 to 76.75): VU040199.D (-442) (-)

Ion 78.00 (77.70 to 78.70): VU040199.D (-442) (-)

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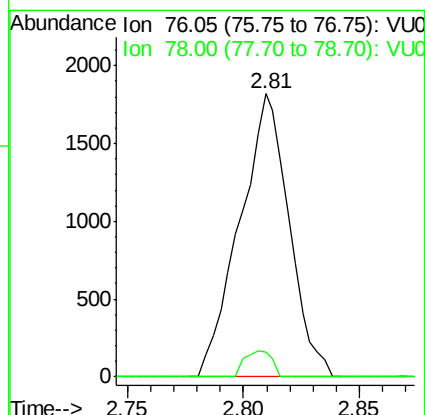
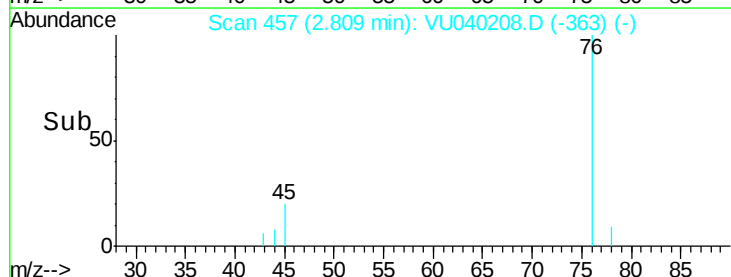
2.81

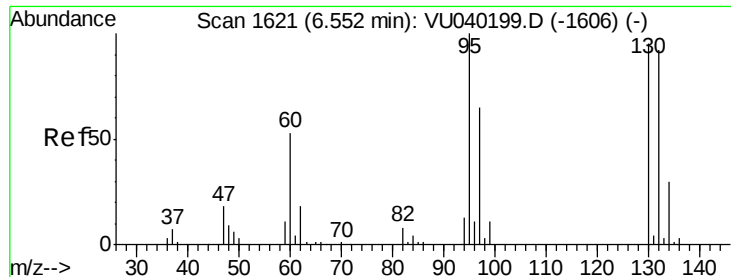
2.81

2.81

2.81

2.81





#34

Trichloroethene

Concen: 0.098 ug/L

RT: 6.55 min Scan# 1620

Delta R.T. -0.00 min

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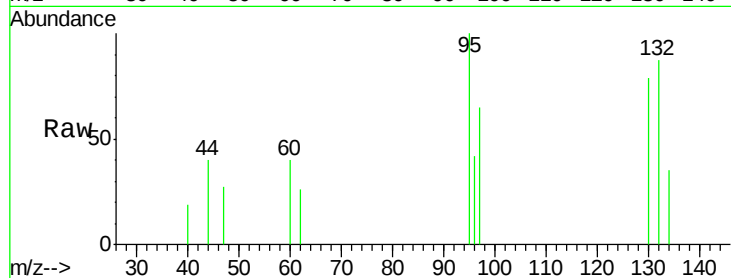
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Tot Ion: 95 Resp: 956

Ion Ratio Lower Upper

95 100

97 65.3 43.3 80.5

132 87.2 59.4 110.4

130 79.4 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

