

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121520\  
 Data File : VU041651.D  
 Acq On : 15 Dec 2020 21:05  
 Operator : SY/MD  
 Sample : L5027-09  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GB1J0

Manual Integrations  
 APPROVED

MMDadoda  
 12/16/2020 12:01:29 PM

Quant Time: Dec 16 09:06:54 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR121220WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Dec 16 04:34:43 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 109024   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 107417   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 47557    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 26816    | 3.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 63.00%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 28100    | 4.26     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 85.20%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 44278    | 2.82     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 56.40%# |
| 20) 2-Butanone-d5              | 4.66   | 46    | 137883   | 56.32    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 112.64% |
| 24) Chloroform-d               | 5.08   | 84    | 70551    | 4.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 96.60%  |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 42361    | 5.11     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 102.20% |
| 32) Benzene-d6                 | 5.74   | 84    | 130202   | 4.23     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 84.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 43770    | 4.54     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 90.80%  |
| 41) Toluene-d8                 | 7.90   | 98    | 111193   | 4.01     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 80.20%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 18416    | 4.25     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 85.00%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 108026   | 45.57    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 91.14%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 46267    | 5.28     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 105.60% |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 45936    | 5.43     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 108.60% |

| Target Compounds      |      |     |       |       | Ovalue |
|-----------------------|------|-----|-------|-------|--------|
| 13) Acetone           | 2.69 | 43  | 6849m | 4.398 | ug/L   |
| 21) 2-Butanone        | 4.74 | 43  | 4667m | 1.840 | ug/L   |
| 47) Tetrachloroethene | 8.56 | 164 | 18430 | 3.050 | ug/L   |

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

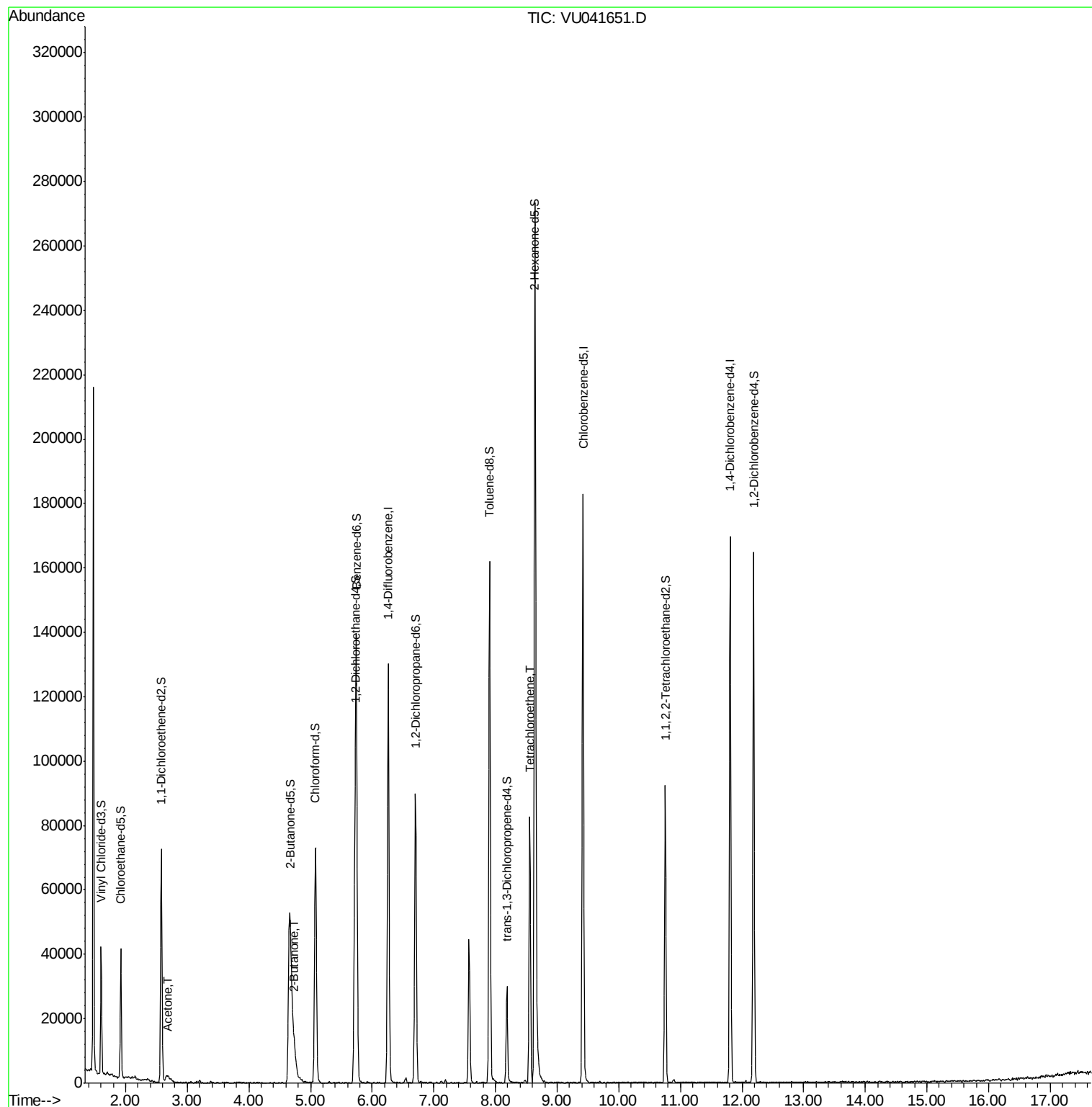
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU121520\  
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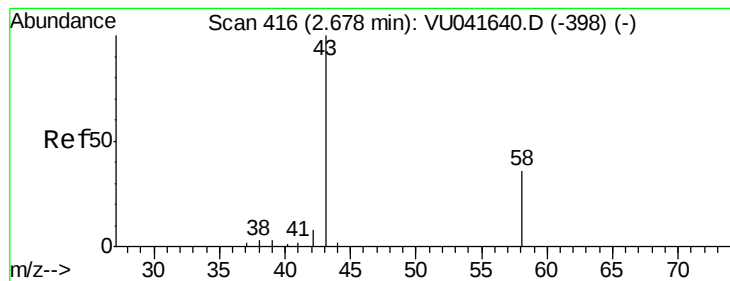
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Quant Title : TRACE VOA SOM01.0  
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Response via : Initial Calibration





#13

Acetone

Concen: 4.398 ug/L m

RT: 2.69 min Scan# 419

Delta R.T. 0.01 min

Lab File: VU041651.D

Acq: 15 Dec 2020 21:05

Instrument :

MSVOA\_U

ClientSampleId :

GB1J0

Tot Ion: 43 Resp: 6849

Ion Ratio Lower Upper

43 100

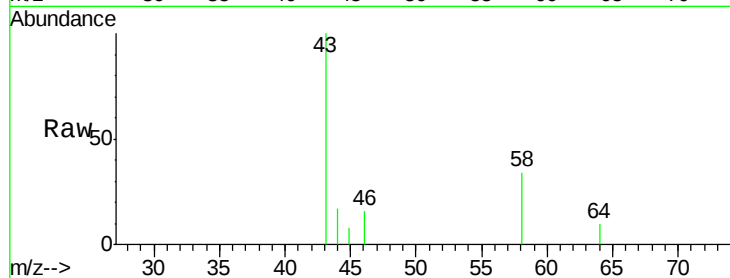
58 22.3 0.0 73.2

Manual Integrations

APPROVED

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12/16/2020 12:01:29 PM



Abundance Ion 43.05 (42.75 to 43.75): VU041651.D (-323) (-)

Ion 58.05 (57.75 to 58.75): VU041651.D (-323) (-)

1500

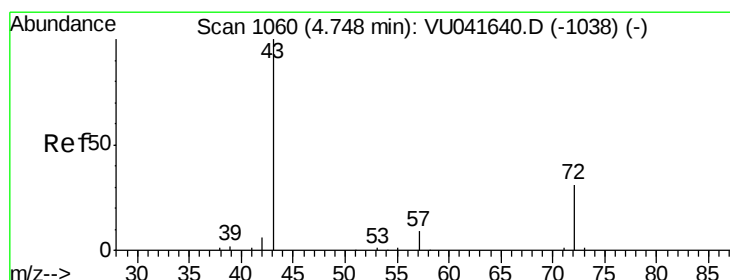
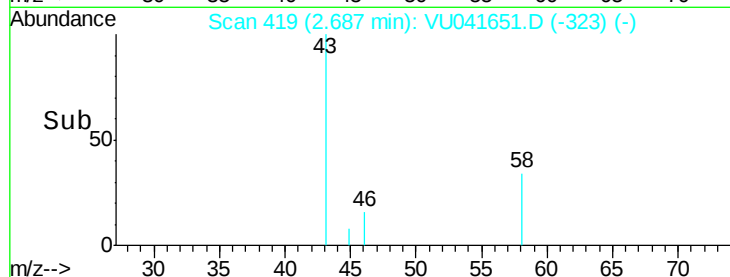
1000

500

0

2.60 2.70 2.80

Time-->



#21

2-Butanone

Concen: 1.840 ug/L m

RT: 4.74 min Scan# 1058

Delta R.T. -0.01 min

Lab File: VU041651.D

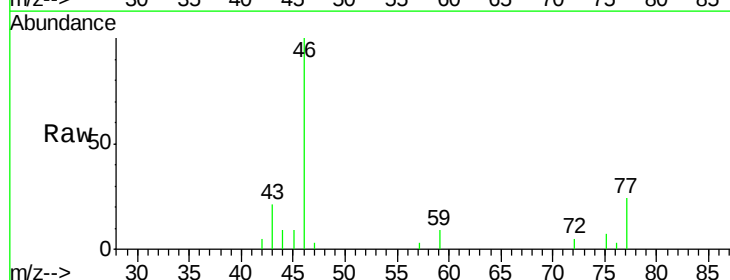
Acq: 15 Dec 2020 21:05

Tgt Ion: 43 Resp: 4667

Ion Ratio Lower Upper

43 100

72 20.5 14.6 44.0



Abundance Ion 43.05 (42.75 to 43.75): VU041651.D (-967) (-)

Ion 72.10 (71.80 to 72.80): VU041651.D (-967) (-)

1500

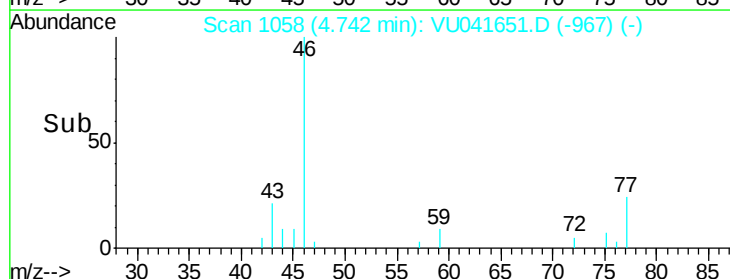
1000

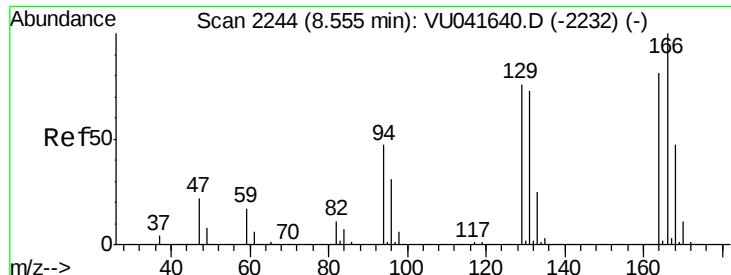
500

0

4.65 4.70 4.75 4.80

Time-->





#47

Tetrachloroethene

Concen: 3.050 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU041651.D

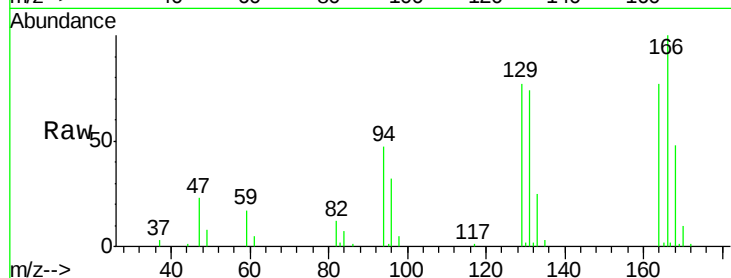
Acq: 15 Dec 2020 21:05

Instrument :

MSVOA\_U

ClientSampleId :

GB1J0



Tot Ion:164 Resp: 18430

Ion Ratio Lower Upper

164 100

129 99.9 72.2 134.0

131 96.8 66.9 124.3

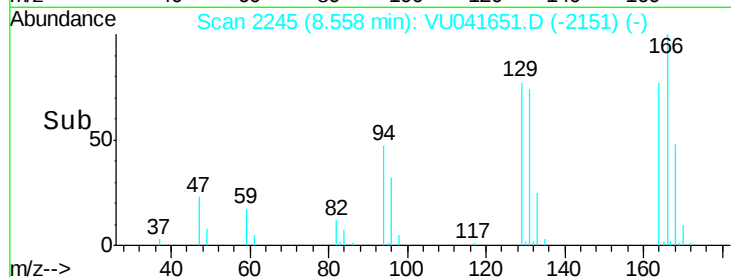
166 130.5 89.6 166.4

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Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

