

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101220\  
 Data File : VU040663.D  
 Acq On : 12 Oct 2020 16:56  
 Operator : SY/MD  
 Sample : L4345-13  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 YAQY5

Manual Integrations  
 APPROVED

MMDadoda  
 10/13/2020 4:14:42 PM

Quant Time: Oct 13 05:44:18 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR100820WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Oct 13 04:32:46 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 123237   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 124409   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 51979    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 43698    | 4.28     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 85.60%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 37473    | 4.76     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 95.20%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 68029    | 3.41     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 68.20%  |
| 20) 2-Butanone-d5              | 4.66   | 46    | 175001   | 53.55    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 107.10% |
| 24) Chloroform-d               | 5.08   | 84    | 91980    | 5.13     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 102.60% |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 55913    | 5.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 102.40% |
| 32) Benzene-d6                 | 5.74   | 84    | 161771   | 4.82     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 96.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 55293    | 4.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 99.20%  |
| 41) Toluene-d8                 | 7.91   | 98    | 130305   | 4.34     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 86.80%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 21987    | 4.66     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 93.20%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 120584   | 49.59    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 99.18%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 48868    | 4.89     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 97.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 52521    | 5.45     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 109.00% |

## Target Compounds

|                       |      |     |        |       | Ovalue |    |
|-----------------------|------|-----|--------|-------|--------|----|
| 13) Acetone           | 2.67 | 43  | 13365m | 5.276 | ug/L   |    |
| 14) Carbon disulfide  | 2.81 | 76  | 24735  | 1.005 | ug/L   | 95 |
| 25) Chloroform        | 5.11 | 83  | 5796   | 0.298 | ug/L   | 93 |
| 34) Trichloroethene   | 6.55 | 95  | 3333   | 0.322 | ug/L   | 94 |
| 47) Tetrachloroethene | 8.56 | 164 | 2648   | 0.358 | ug/L   | 99 |

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

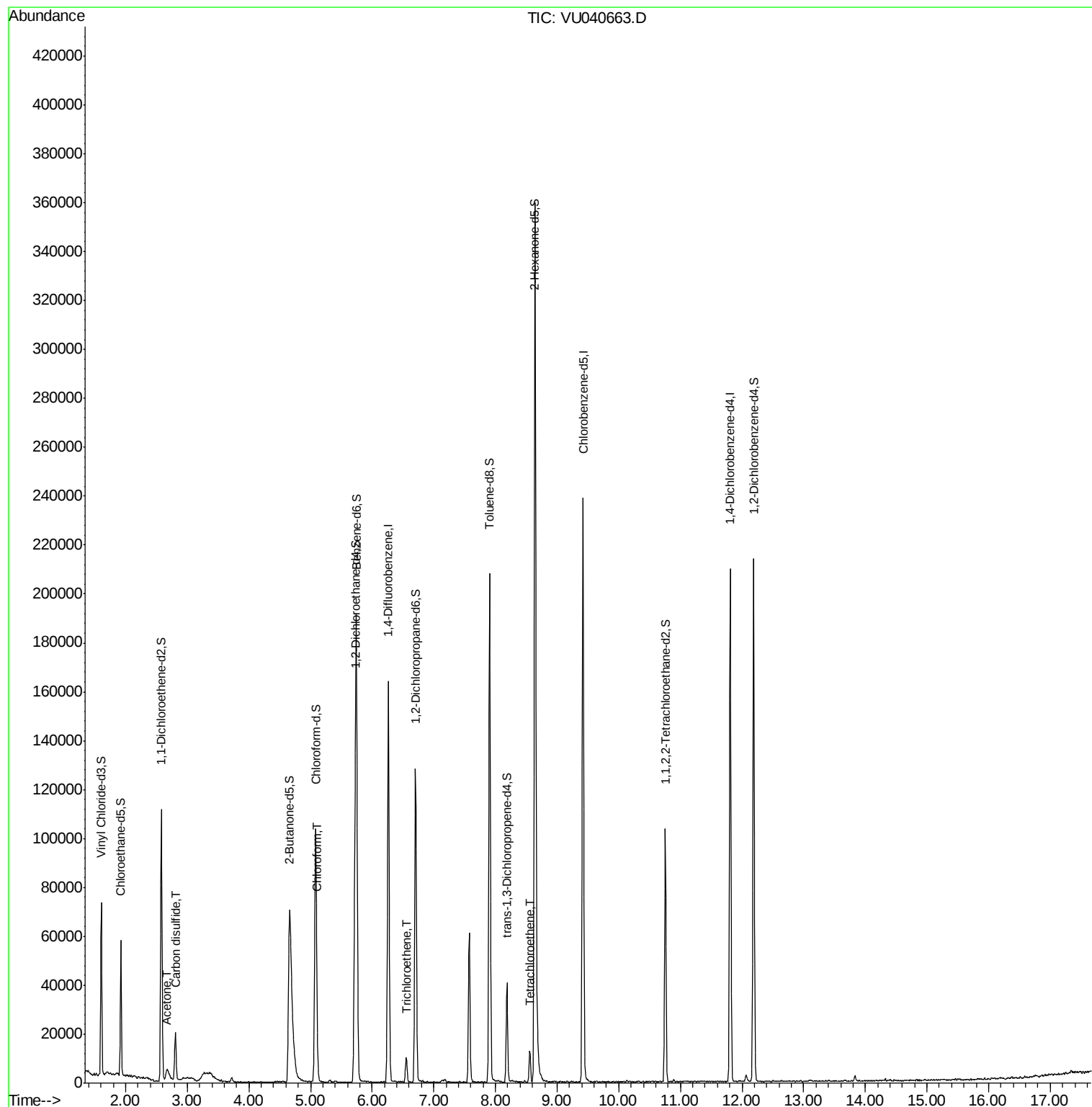
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101220\  
Data File : VU040663.D  
Acq On : 12 Oct 2020 16:56  
Operator : SY/MD  
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Misc : 25.0mL/MSVOA U/WATER  
ALS Vial : 18 Sample Multiplier: 1

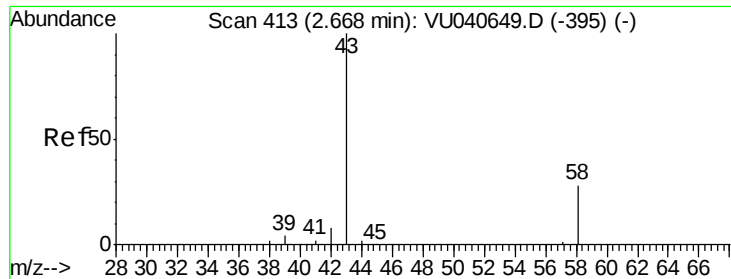
Instrument :  
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Quant Title : TRACE VOA SOM01.0  
QLast Update : Tue Oct 13 04:32:46 2020  
Response via : Initial Calibration





#13

Acetone

Concen: 5.276 ug/L m

RT: 2.67 min Scan# 415

Delta R.T. 0.01 min

Lab File: VU040663.D

Acq: 12 Oct 2020 16:56

Instrument :

MSVOA\_U

ClientSampleId :

YAQY5

Tot Ion: 43 Resp: 13365

Ion Ratio Lower Upper

43 100

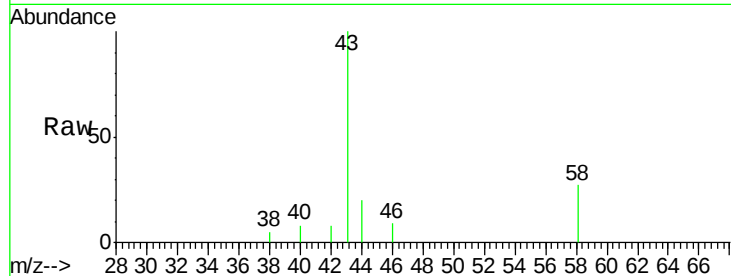
58 26.2 0.0 60.6

Manual Integrations

APPROVED

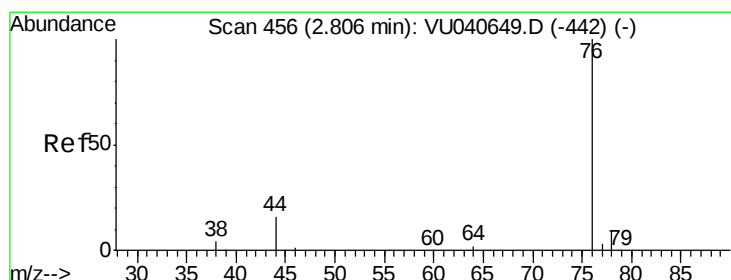
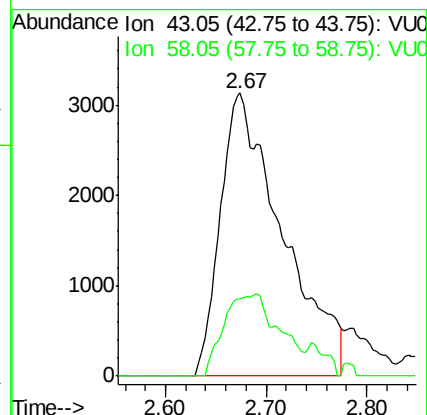
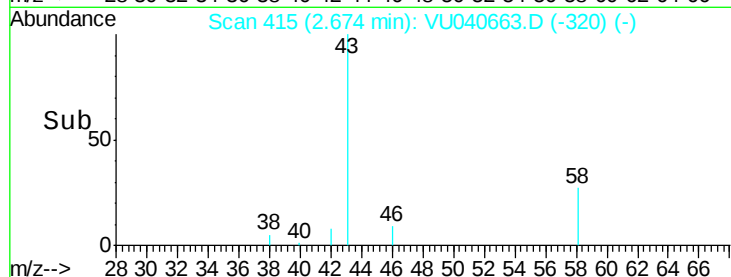
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Abundance Ion 43.05 (42.75 to 43.75): VU040663.D (-320) (-)

Ion 58.05 (57.75 to 58.75): VU040663.D (-320) (-)



#14

Carbon disulfide

Concen: 1.005 ug/L

RT: 2.81 min Scan# 457

Delta R.T. 0.00 min

Lab File: VU040663.D

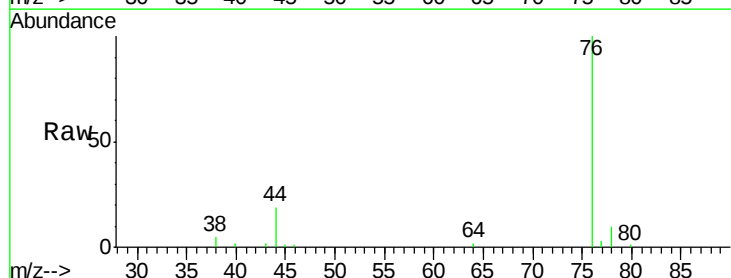
Acq: 12 Oct 2020 16:56

Tgt Ion: 76 Resp: 24735

Ion Ratio Lower Upper

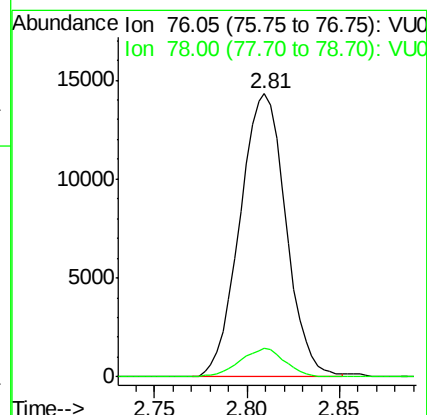
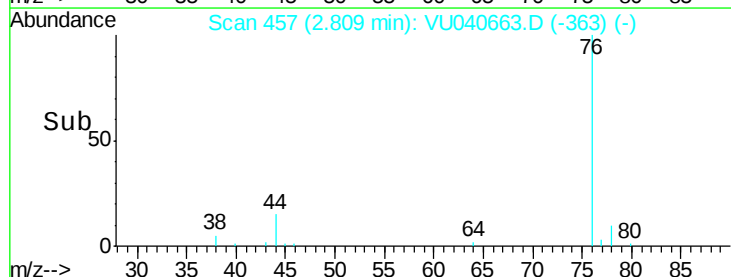
76 100

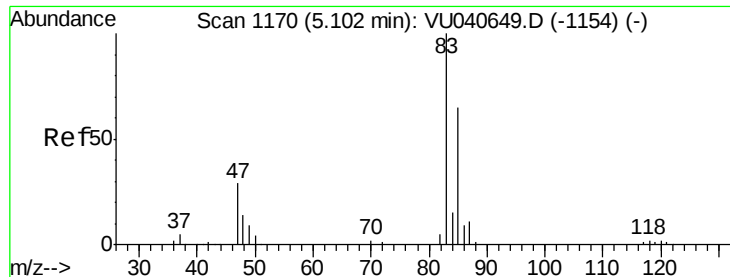
78 10.1 6.8 10.2



Abundance Ion 76.05 (75.75 to 76.75): VU040663.D (-363) (-)

Ion 78.00 (77.70 to 78.70): VU040663.D (-363) (-)





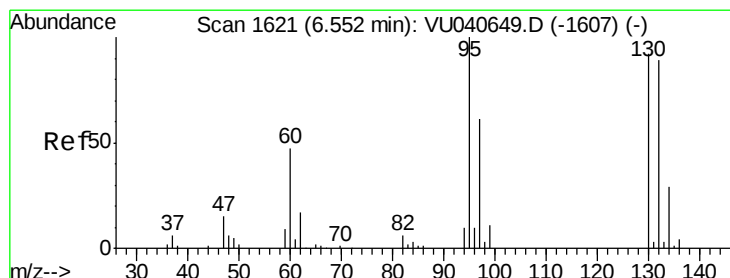
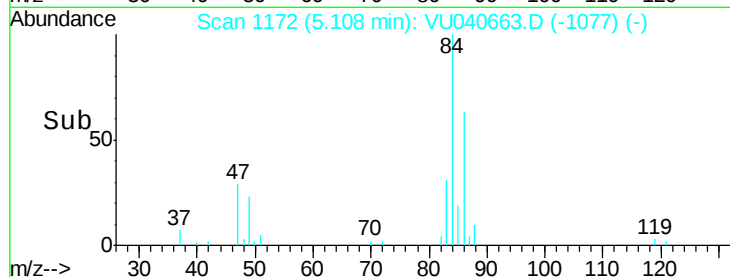
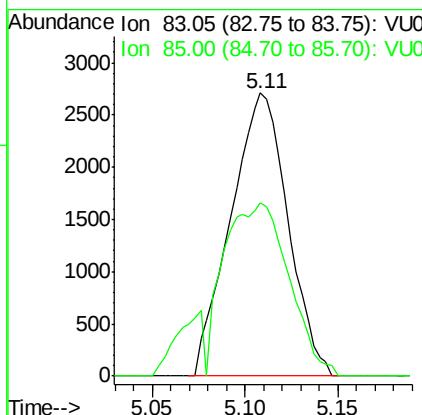
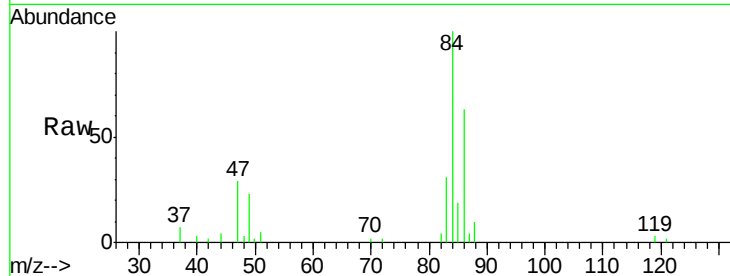
#25  
Chloroform  
Concen: 0.298 ug/L  
RT: 5.11 min Scan# 1172  
Delta R.T. 0.01 min  
Lab File: VU040663.D  
Acq: 12 Oct 2020 16:56

Instrument :  
MSVOA\_U  
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Tot Ion: 83 Resp: 5796  
Ion Ratio Lower Upper  
83 100  
85 61.2 46.5 86.5

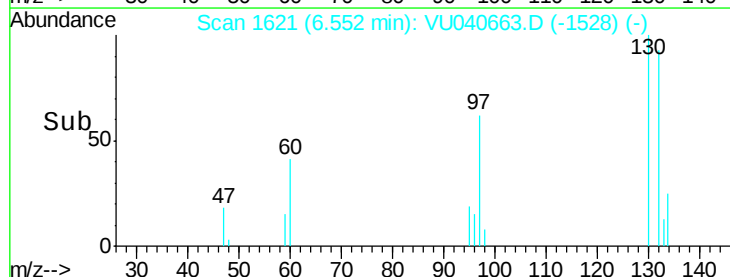
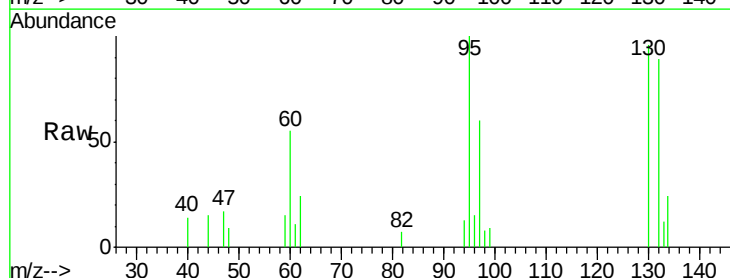
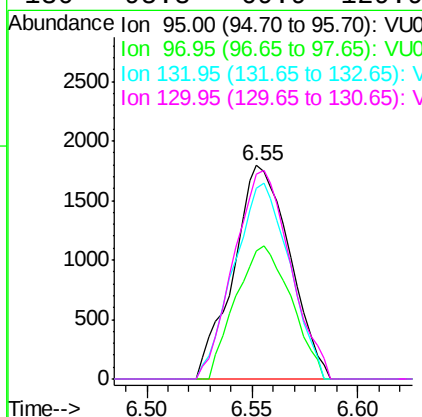
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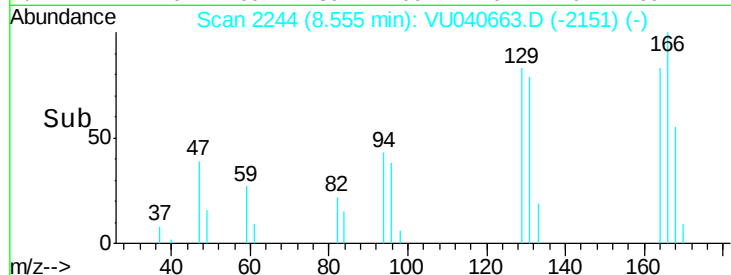
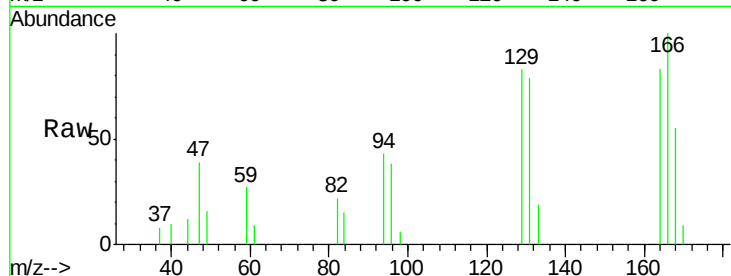
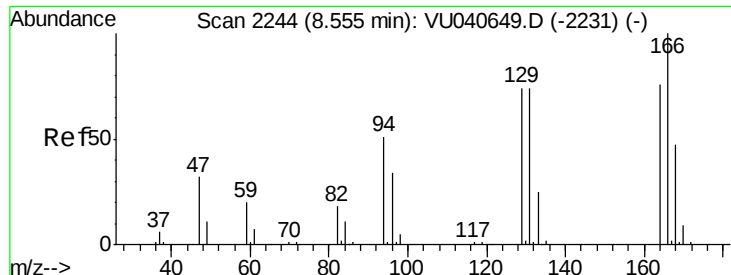
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#34  
Trichloroethene  
Concen: 0.322 ug/L  
RT: 6.55 min Scan# 1621  
Delta R.T. -0.00 min  
Lab File: VU040663.D  
Acq: 12 Oct 2020 16:56

Tgt Ion: 95 Resp: 3333  
Ion Ratio Lower Upper  
95 100  
97 59.8 45.5 84.5  
132 89.2 67.5 125.4  
130 95.8 69.9 129.9





#47

Tetrachloroethene

Concen: 0.358 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VU040663.D

Acq: 12 Oct 2020 16:56

Tot Ion:164 Resp: 2648

Ion Ratio Lower Upper

164 100

129 100.6 68.8 127.8

131 96.1 66.7 123.9

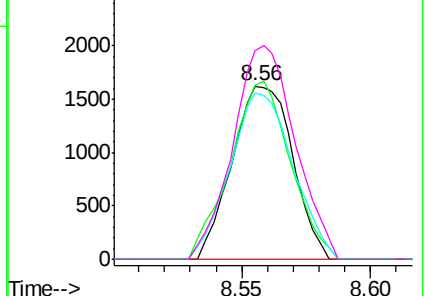
166 121.0 83.9 155.7

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



Instrument :

MSVOA\_U

ClientSampleId :

YAQY5

Manual Integrations

APPROVED

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