

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV011420\  
 Data File : VV014300.D  
 Acq On : 14 Jan 2020 17:26  
 Operator : SY/MD  
 Sample : L1118-14  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Jan 14 22:23:27 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR010220WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Jan 14 22:19:33 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 1047958  | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 955378   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 426558   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 232131   | 3.17     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 63.40%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 203203   | 3.59     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 71.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 293188   | 2.71     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 54.20%# |
| 20) 2-Butanone-d5              | 3.96   | 46    | 748828   | 42.51    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 85.02%  |
| 24) Chloroform-d               | 4.40   | 84    | 544616   | 3.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 76.80%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 275905   | 3.89     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 77.80%  |
| 32) Benzene-d6                 | 5.10   | 84    | 1131912  | 3.97     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 79.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 361127   | 4.09     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 81.80%  |
| 41) Toluene-d8                 | 7.36   | 98    | 992261   | 3.81     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 76.20%  |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 144260   | 3.69     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 73.80%  |
| 46) 2-Hexanone-d5              | 8.13   | 63    | 680736   | 41.12    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 82.24%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 252967   | 4.09     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 81.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 325166   | 4.06     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 81.20%  |

## Target Compounds

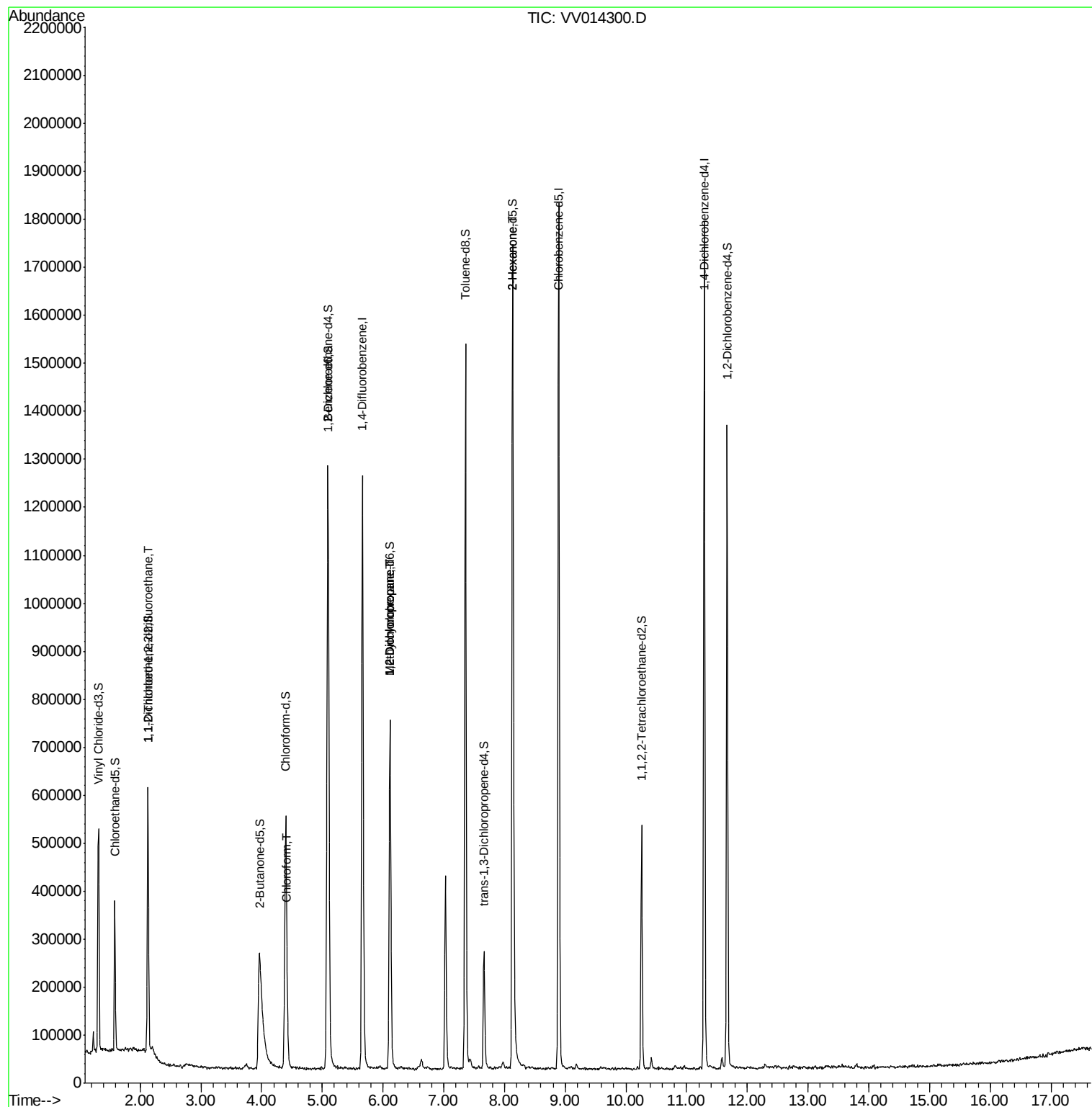
|                                |      |     |       |              | Ovalue |
|--------------------------------|------|-----|-------|--------------|--------|
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.13 | 101 | 3579  | 0.076 ug/L # | 21     |
| 25) Chloroform                 | 4.43 | 83  | 15583 | 0.118 ug/L   | 92     |
| 35) Methylcyclohexane          | 6.12 | 83  | 86297 | 0.698 ug/L # | 19     |
| 37) 1,2-Dichloropropane        | 6.12 | 63  | 38274 | 0.515 ug/L # | 88     |
| 48) 2-Hexanone                 | 8.13 | 43  | 82447 | 2.546 ug/L # | 46     |

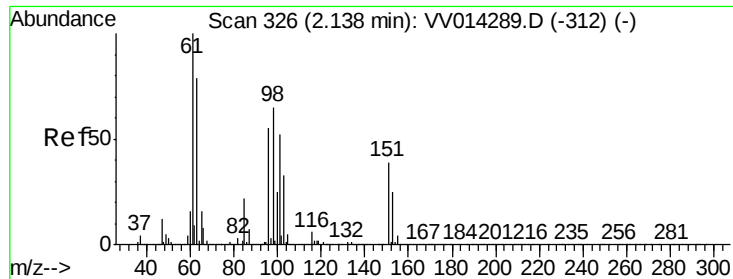
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 14 22:19:33 2020  
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.076 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV014300.D

Acq: 14 Jan 2020 17:26

Instrument :

MSVOA\_V

ClientSampleId :

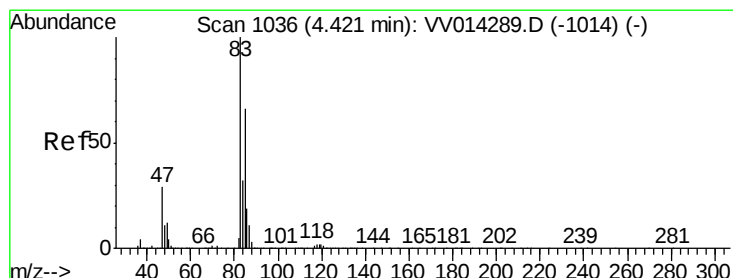
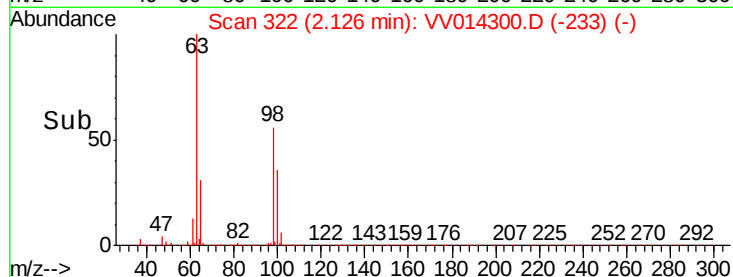
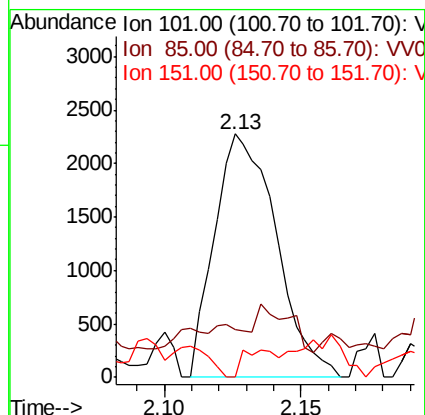
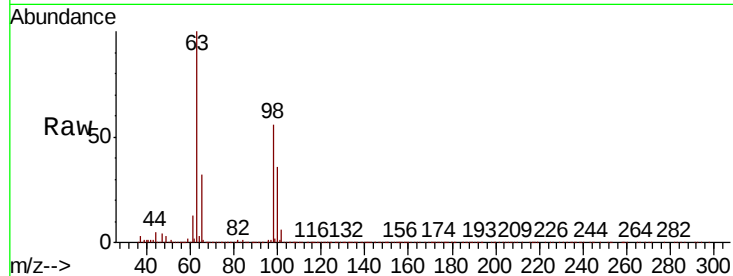
Tot Ion:101 Resp: 3579

Ion Ratio Lower Upper

101 100

85 4.6 34.9 52.3#

151 0.0 62.5 93.7#



#25

Chloroform

Concen: 0.118 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VV014300.D

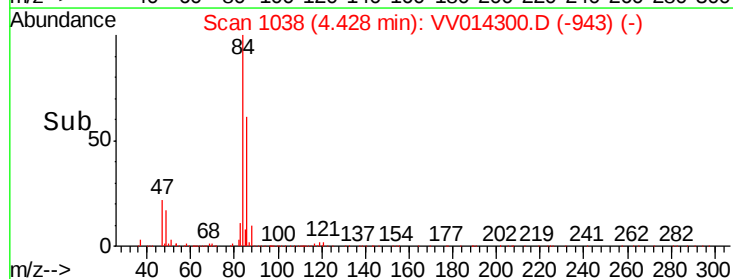
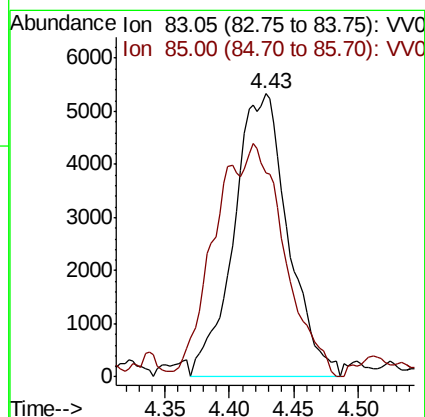
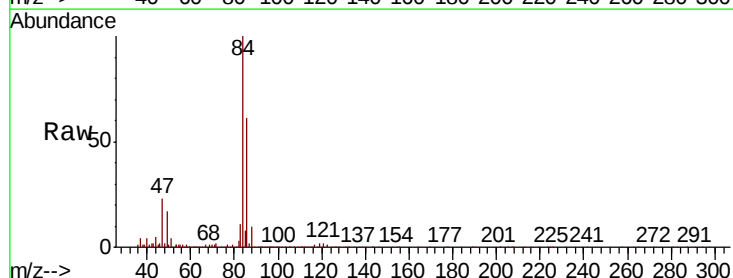
Acq: 14 Jan 2020 17:26

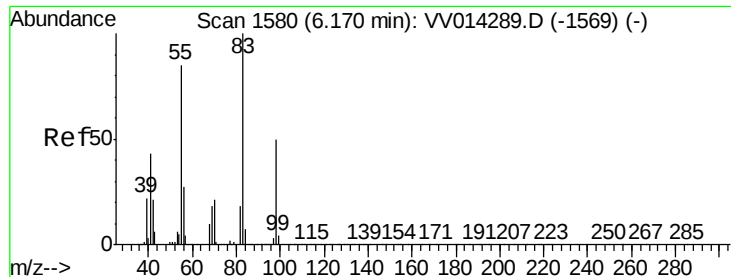
Tgt Ion: 83 Resp: 15583

Ion Ratio Lower Upper

83 100

85 72.0 46.2 85.8





#35

Methylcyclohexane

Concen: 0.698 ug/L

RT: 6.12 min Scan# 1563

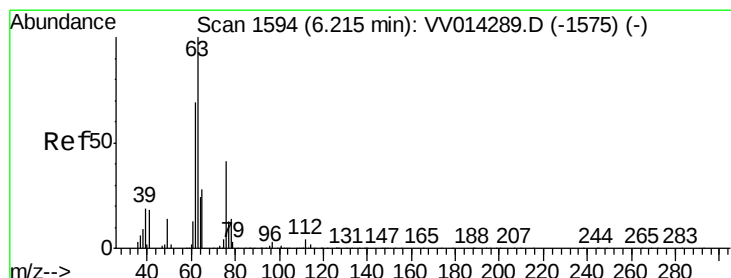
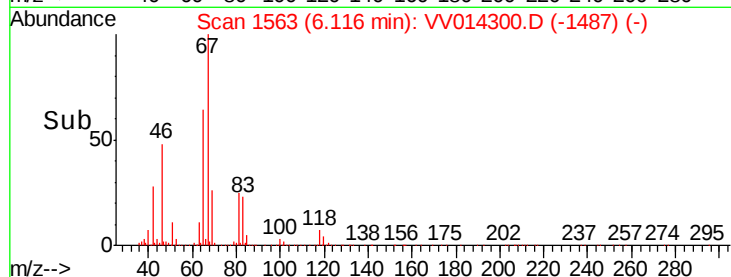
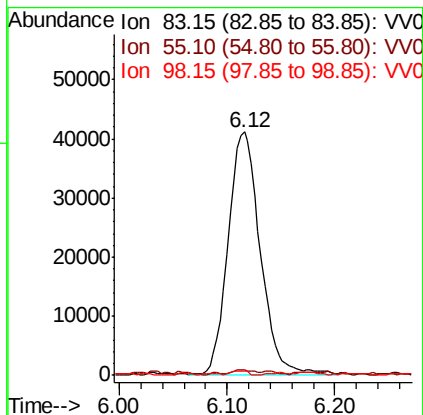
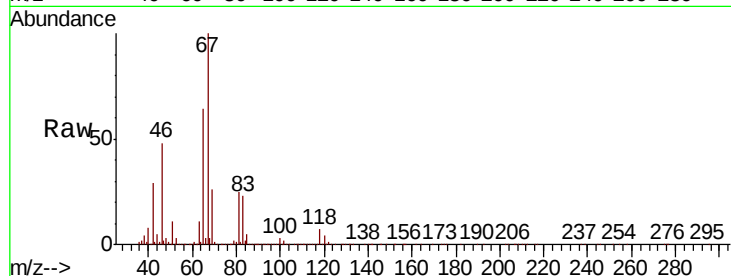
Delta R.T. -0.05 min

Lab File: VV014300.D

Acq: 14 Jan 2020 17:26

Instrument :  
MSVOA\_V  
ClientSampled :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 86297 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 0.9   | 61.7  | 92.5# |
| 98       | 1.0   | 38.1  | 57.1# |



#37

1,2-Dichloropropane

Concen: 0.515 ug/L

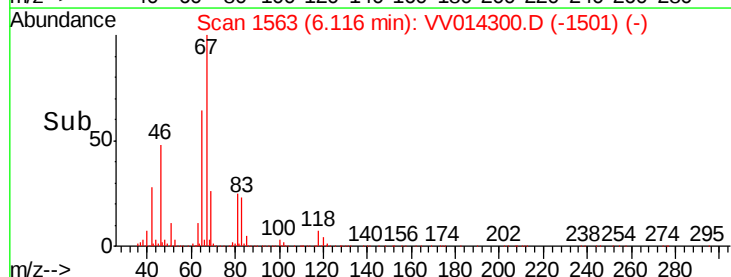
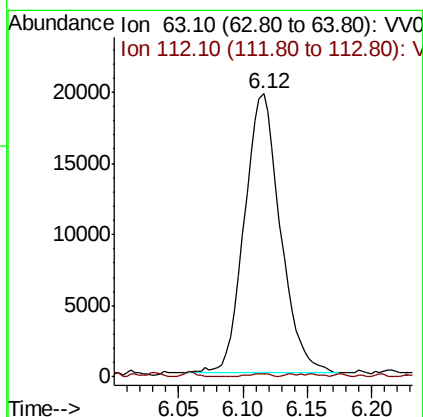
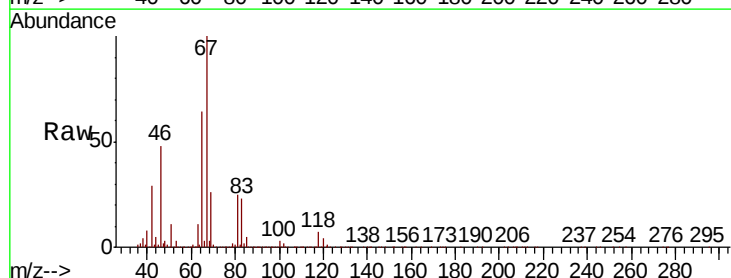
RT: 6.12 min Scan# 1563

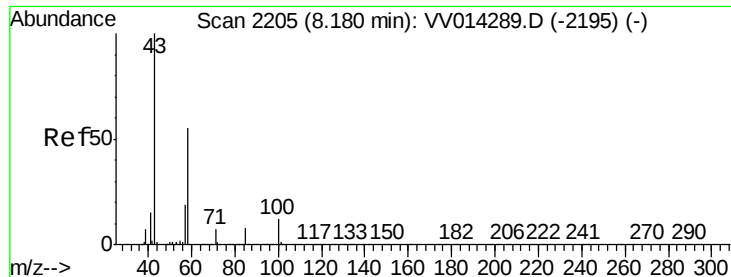
Delta R.T. -0.10 min

Lab File: VV014300.D

Acq: 14 Jan 2020 17:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 63    | Resp: | 38274 |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 112      | 0.7   | 3.7   | 5.5#  |





#48

2-Hexanone

Concen: 2.546 ug/L

RT: 8.13 min Scan# 2190

Delta R.T. -0.05 min

Lab File: VV014300.D

Acq: 14 Jan 2020 17:26

Instrument :  
MSVOA\_V  
ClientSampleId :

Tot Ion: 43 Resp: 82447

Ion Ratio Lower Upper

43 100

58 0.0 45.4 68.0#

57 19.4 15.8 23.8

100 0.2 10.2 15.4#

