

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080918\  
 Data File : VV006965.D  
 Acq On : 09 Aug 2018 22:14  
 Operator : SY/MD  
 Sample : J4399-03  
 Misc : 25 mL/MSVOA V/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Aug 10 02:36:59 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR080918WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Aug 10 02:34:57 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 233506   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 222361   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 89729    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 71779    | 4.76     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 95.20%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 65154    | 5.10     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 102.00% |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 99970    | 3.53     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 70.60%  |
| 20) 2-Butanone-d5              | 3.97   | 46    | 226170   | 52.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 104.36% |
| 24) Chloroform-d               | 4.41   | 84    | 154959   | 5.07     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 101.40% |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 81565    | 5.28     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 105.60% |
| 32) Benzene-d6                 | 5.10   | 84    | 293192   | 5.13     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 102.60% |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 103052   | 5.28     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 105.60% |
| 41) Toluene-d8                 | 7.37   | 98    | 217226   | 4.47     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 89.40%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 30479    | 4.49     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 89.80%  |
| 46) 2-Hexanone-d5              | 8.15   | 63    | 120773   | 43.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 86.94%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 74137    | 4.87     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 97.40%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 78929    | 5.06     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 101.20% |

## Target Compounds

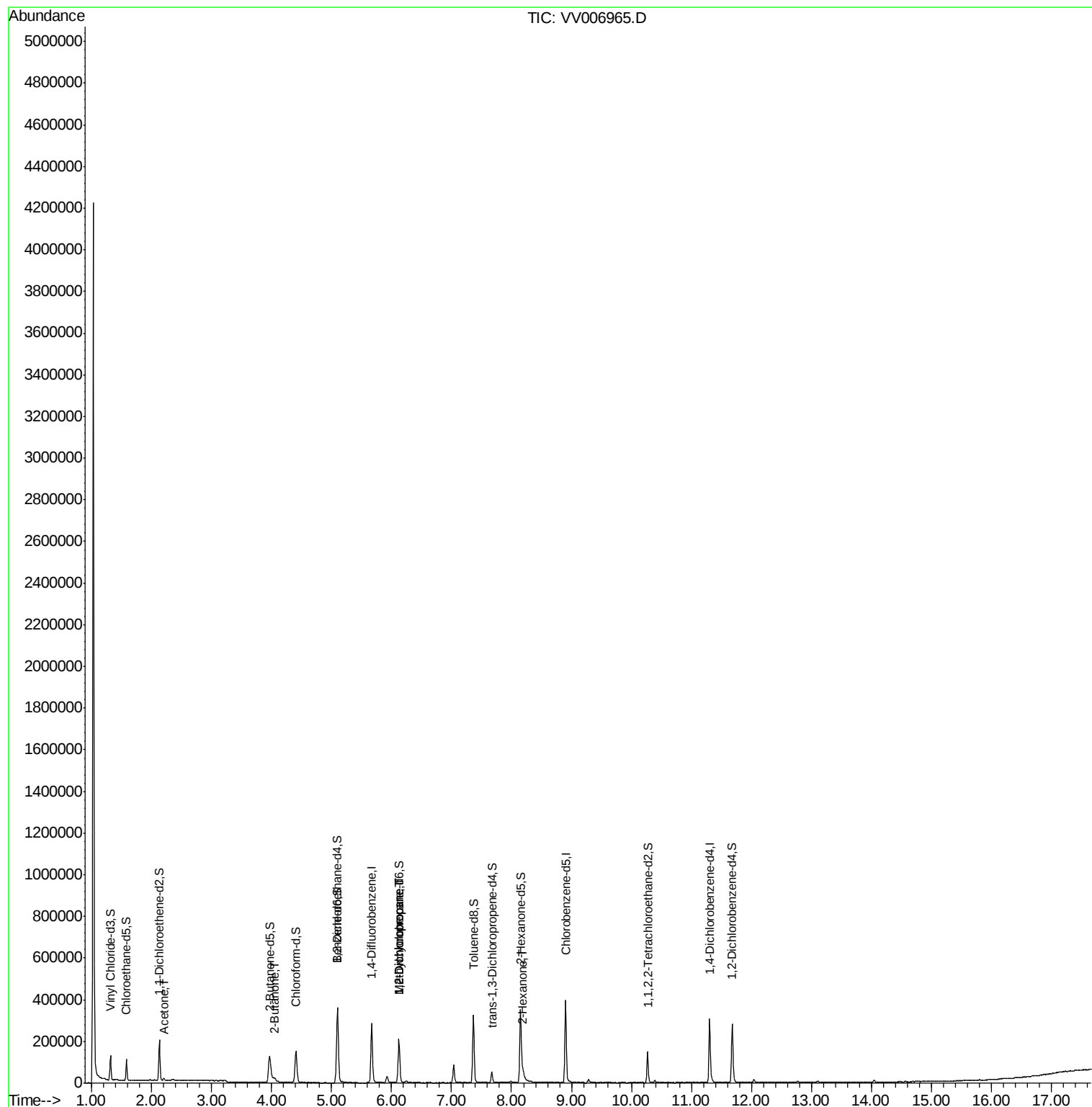
|                         |      |    |       |              | Ovalue |
|-------------------------|------|----|-------|--------------|--------|
| 13) Acetone             | 2.21 | 43 | 9541  | 4.275 ug/L   | 88     |
| 21) 2-Butanone          | 4.05 | 43 | 2150  | 0.444 ug/L   | 84     |
| 35) Methylcyclohexane   | 6.12 | 83 | 23496 | 0.792 ug/L # | 16     |
| 37) 1,2-Dichloropropane | 6.12 | 63 | 10867 | 0.515 ug/L # | 93     |
| 48) 2-Hexanone          | 8.20 | 43 | 15992 | 1.991 ug/L # | 86     |

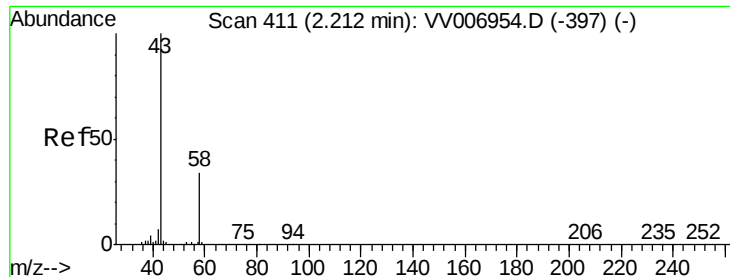
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080918\  
Data File : VV006965.D  
Acq On : 09 Aug 2018 22:14  
Operator : SY/MD  
Sample : J4399-03  
Misc : 25 mL/MSVOA V/WATER  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :

Quant Time: Aug 10 02:36:59 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR080918WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Fri Aug 10 02:34:57 2018  
Response via : Initial Calibration





#13

Acetone

Concen: 4.275 ug/L

RT: 2.21 min Scan# 409

Delta R.T. -0.01 min

Lab File: VV006965.D

Acq: 09 Aug 2018 22:14

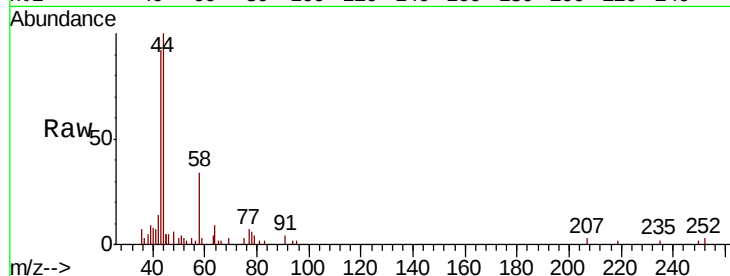
Instrument :  
MSVOA\_V  
ClientSampled :

Tot Ion: 43 Resp: 9541

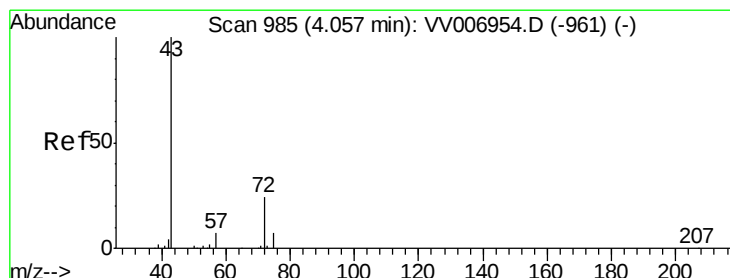
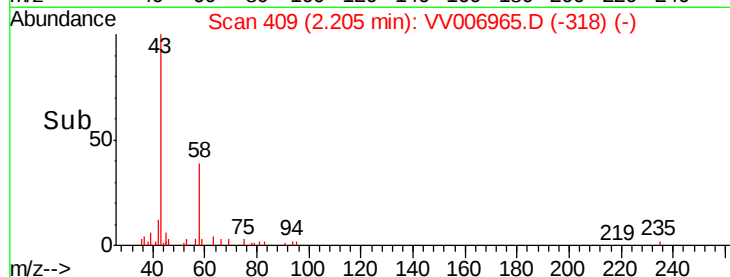
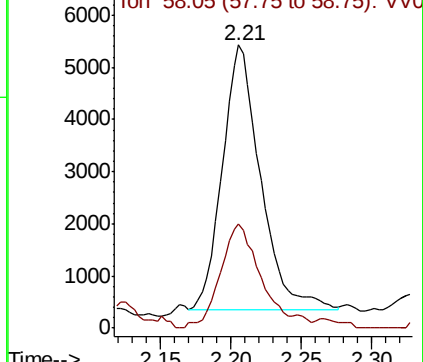
Ion Ratio Lower Upper

43 100

58 42.6 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV006965.D (-397) (-)



#21

2-Butanone

Concen: 0.444 ug/L

RT: 4.05 min Scan# 982

Delta R.T. -0.01 min

Lab File: VV006965.D

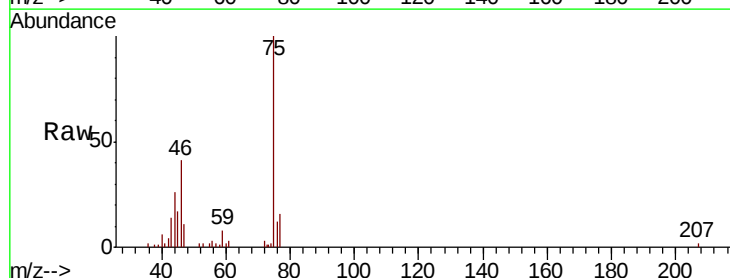
Acq: 09 Aug 2018 22:14

Tgt Ion: 43 Resp: 2150

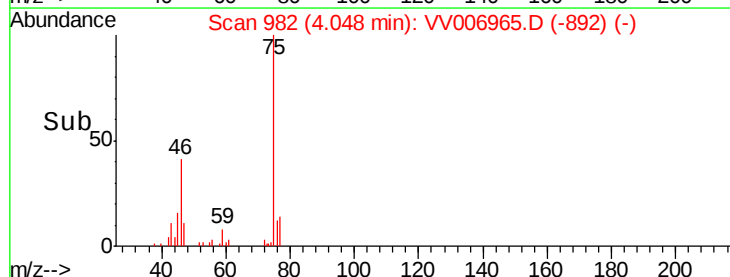
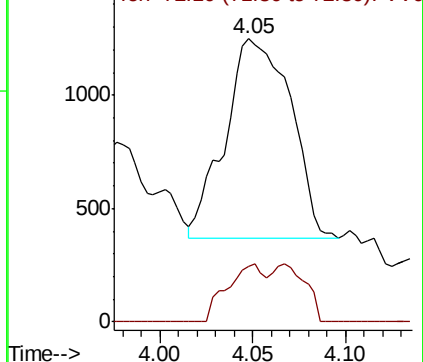
Ion Ratio Lower Upper

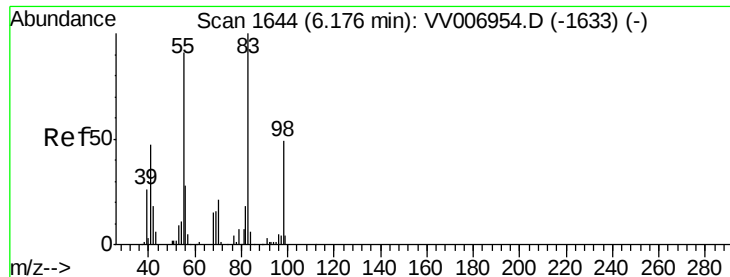
43 100

72 16.8 12.4 37.2



Abundance Ion 43.05 (42.75 to 43.75): VV006965.D (-961) (-)





#35

Methvlcvclohexane

Concen: 0.792 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006965.D

Acq: 09 Aug 2018 22:14

Instrument :  
MSVOA\_V  
ClientSampleId :

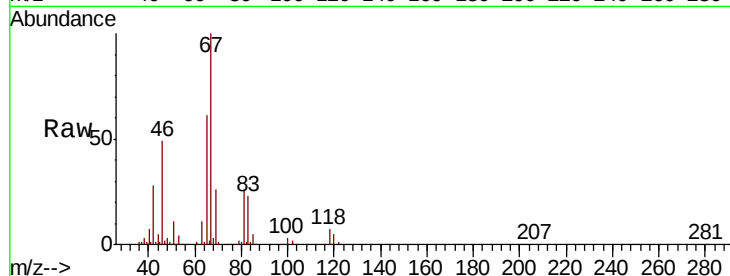
Tot Ion: 83 Resp: 23496

Ion Ratio Lower Upper

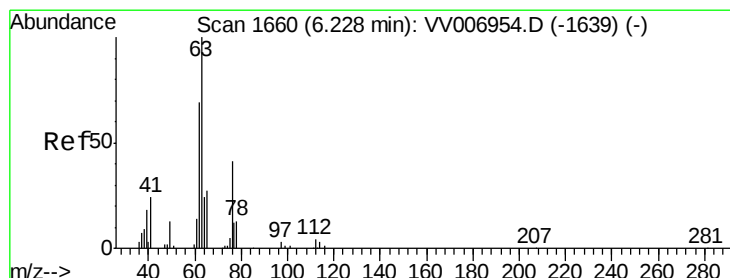
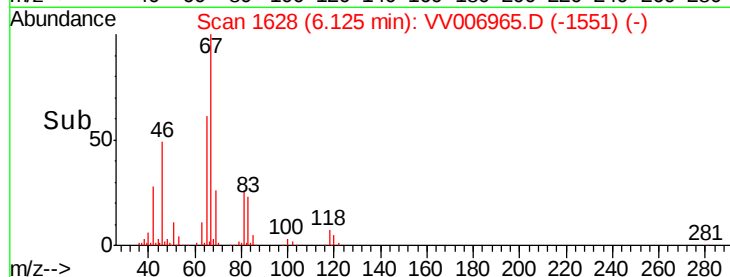
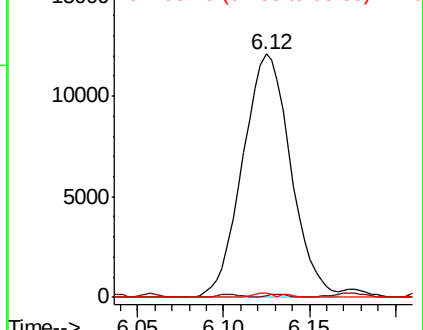
83 100

55 1.1 68.1 102.1#

98 0.7 37.9 56.9#



Abundance Ion 83.15 (82.85 to 83.85): VV0  
Ion 55.10 (54.80 to 55.80): VV0  
Ion 98.15 (97.85 to 98.85): VV0



#37

1,2-Dichloropropane

Concen: 0.515 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VV006965.D

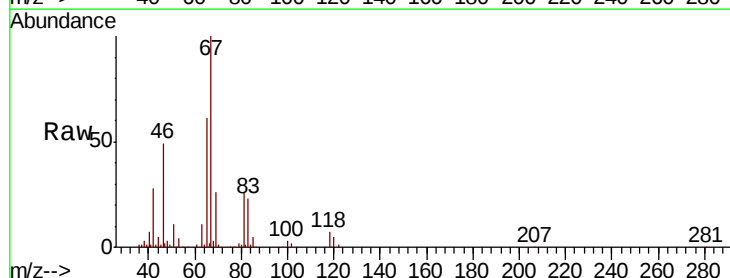
Acq: 09 Aug 2018 22:14

Tgt Ion: 63 Resp: 10867

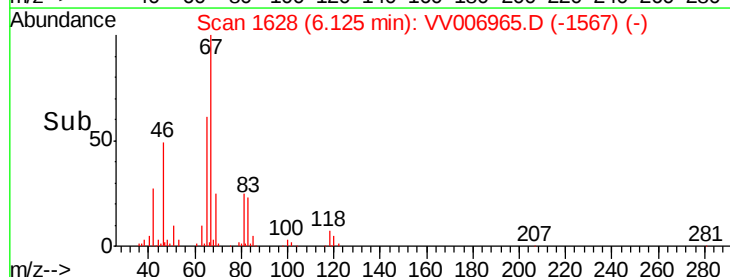
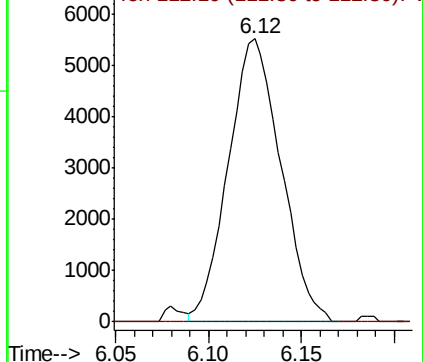
Ion Ratio Lower Upper

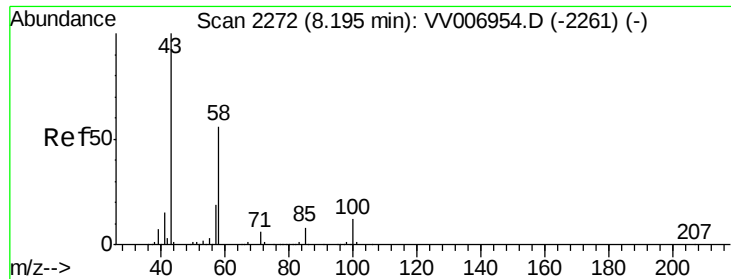
63 100

112 2.0 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VV0  
Ion 112.10 (111.80 to 112.80): V





#48  
 2-Hexanone  
 Concen: 1.991 ug/L  
 RT: 8.20 min Scan# 2273  
 Delta R.T. 0.00 min  
 Lab File: VV006965.D  
 Acq: 09 Aug 2018 22:14

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Tot Ion: 43 Resp: 15992  
 Ion Ratio Lower Upper  
 43 100  
 58 48.2 44.2 66.2  
 57 5.6 14.8 22.2#  
 100 8.2 8.8 13.2#

