

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080418\  
 Data File : VV006889.D  
 Acq On : 04 Aug 2018 18:19  
 Operator : SY/MD  
 Sample : J4314-20  
 Misc : 25 mL/MSVOA V/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Aug 06 03:25:18 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR080218WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Mon Aug 06 03:23:10 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 265637   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 257839   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 102530   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 98223    | 5.34     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 106.80% |
| 7) Chloroethane-d5             | 1.58   | 69    | 89171    | 5.57     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 111.40% |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 142652   | 4.18     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 83.60%  |
| 20) 2-Butanone-d5              | 3.97   | 46    | 270011   | 60.51    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 121.02% |
| 24) Chloroform-d               | 4.41   | 84    | 182325   | 5.66     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 113.20% |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 96985    | 5.97     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 119.40% |
| 32) Benzene-d6                 | 5.10   | 84    | 338083   | 4.86     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 97.20%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 118686   | 5.17     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 103.40% |
| 41) Toluene-d8                 | 7.36   | 98    | 258213   | 4.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 83.00%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 35759    | 4.40     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 88.00%  |
| 46) 2-Hexanone-d5              | 8.15   | 63    | 164957   | 45.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 91.16%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 94619    | 5.53     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 110.60% |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 92617    | 4.87     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 97.40%  |

## Target Compounds

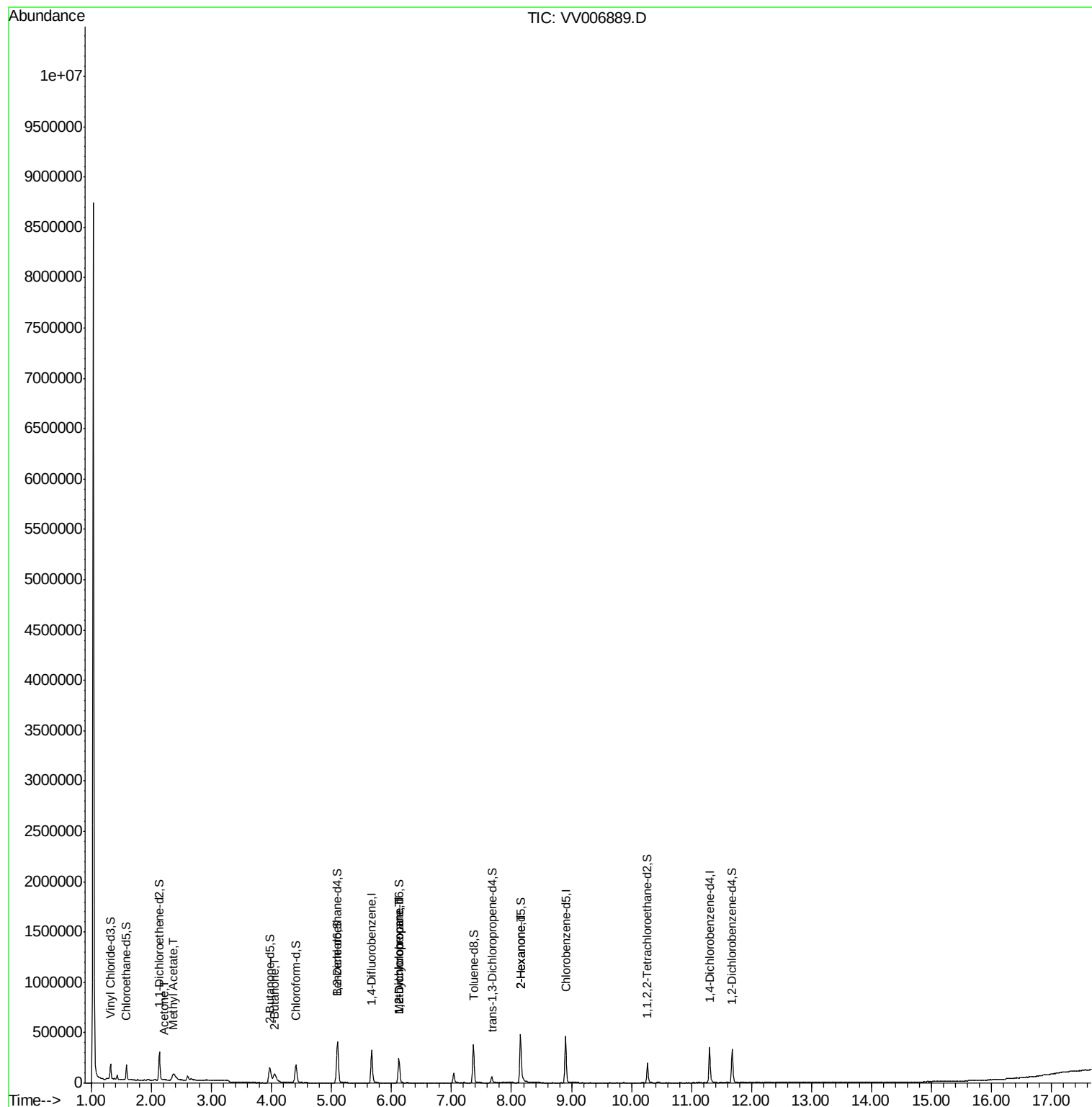
|                         |      |    |       |              | Ovalue |
|-------------------------|------|----|-------|--------------|--------|
| 13) Acetone             | 2.21 | 43 | 8622  | 2.740 ug/L   | 97     |
| 15) Methyl Acetate      | 2.36 | 43 | 34138 | 3.605 ug/L # | 55     |
| 21) 2-Butanone          | 4.06 | 43 | 7386  | 1.536 ug/L # | 67     |
| 35) Methylcyclohexane   | 6.12 | 83 | 27083 | 0.846 ug/L # | 18     |
| 37) 1,2-Dichloropropane | 6.12 | 63 | 12016 | 0.578 ug/L # | 89     |
| 48) 2-Hexanone          | 8.15 | 43 | 22055 | 2.827 ug/L # | 75     |

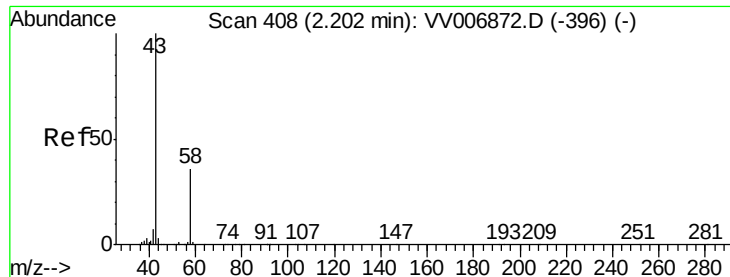
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 06 03:23:10 2018  
Response via : Initial Calibration





#13

Acetone

Concen: 2.740 ug/L

RT: 2.21 min Scan# 411

Delta R.T. 0.01 min

Lab File: VV006889.D

Acq: 04 Aug 2018 18:19

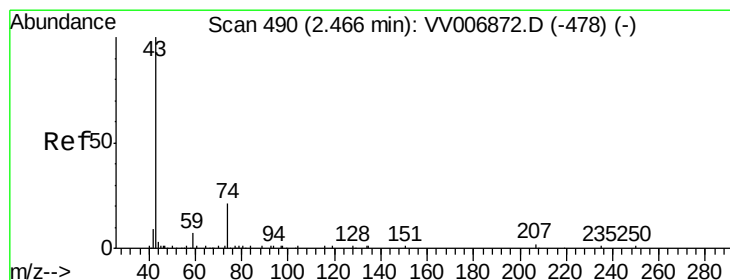
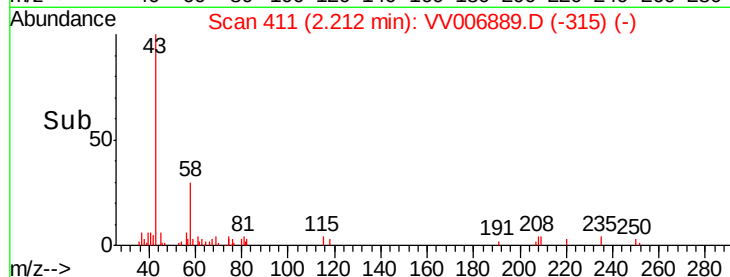
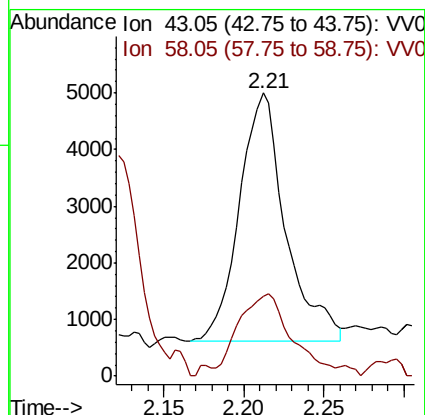
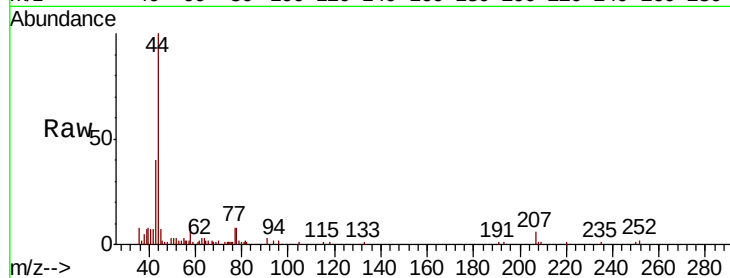
Instrument :  
MSVOA\_V  
ClientSampleId :

Tot Ion: 43 Resp: 8622

Ion Ratio Lower Upper

43 100

58 32.6 0.0 69.0



#15

Methyl Acetate

Concen: 3.605 ug/L

RT: 2.36 min Scan# 458

Delta R.T. -0.10 min

Lab File: VV006889.D

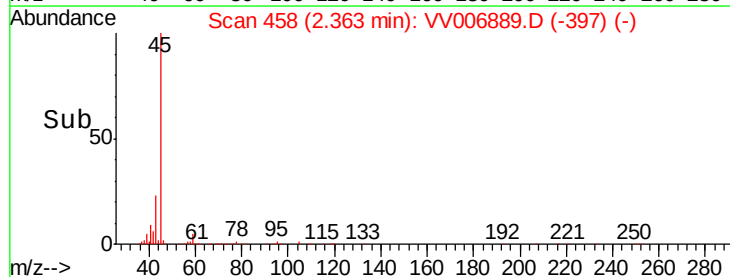
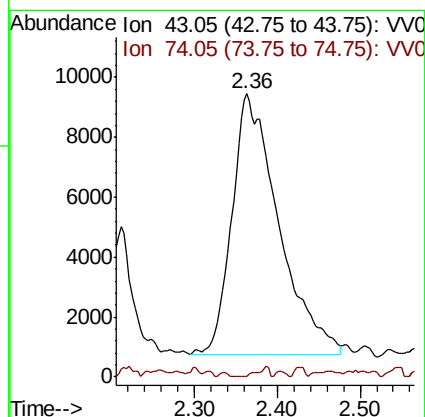
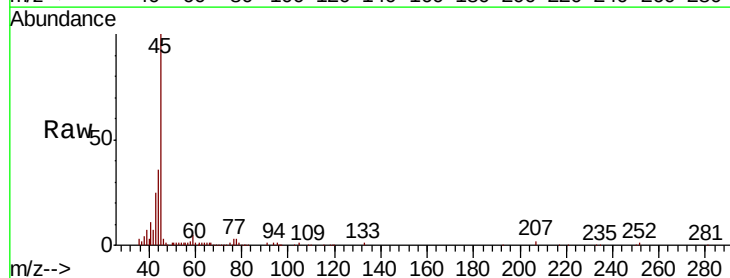
Acq: 04 Aug 2018 18:19

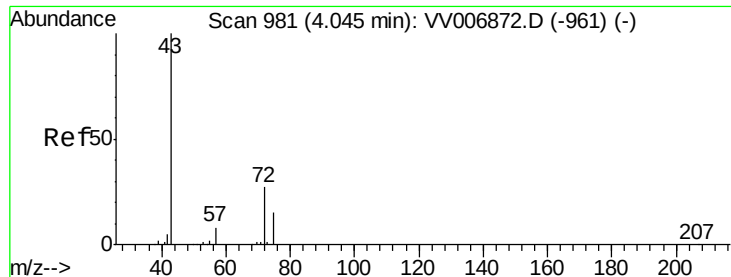
Tgt Ion: 43 Resp: 34138

Ion Ratio Lower Upper

43 100

74 0.9 18.3 27.5#





#21

2-Butanone

Concen: 1.536 ug/L

RT: 4.06 min Scan# 986

Delta R.T. 0.01 min

Lab File: VV006889.D

Acq: 04 Aug 2018 18:19

Instrument :

MSVOA\_V

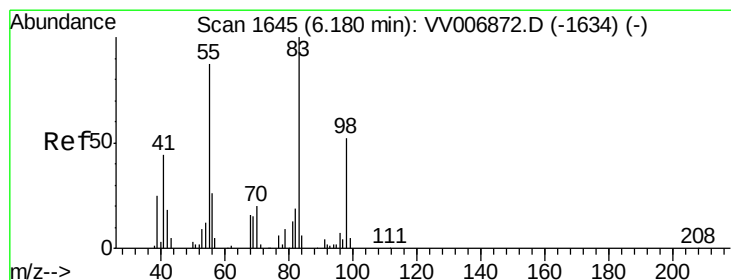
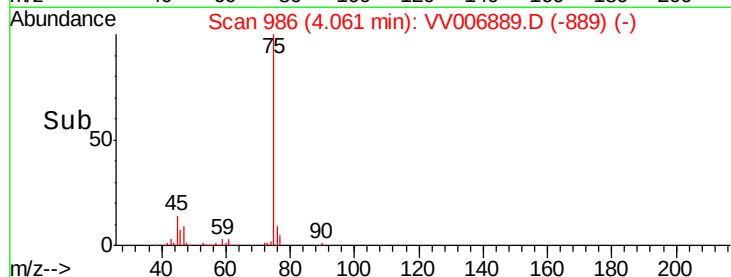
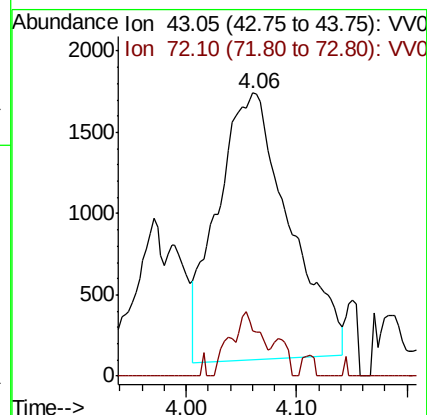
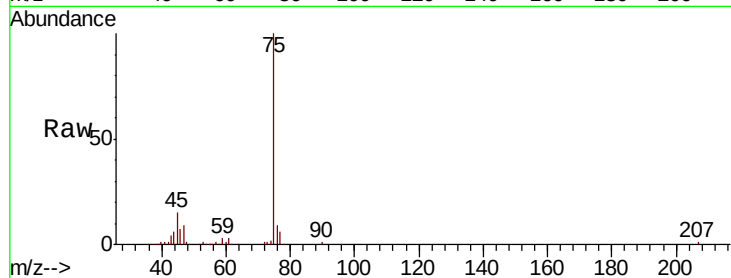
ClientSampleId :

Tot Ion: 43 Resp: 7386

Ion Ratio Lower Upper

43 100

72 9.7 13.4 40.1#



#35

Methylcyclohexane

Concen: 0.846 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006889.D

Acq: 04 Aug 2018 18:19

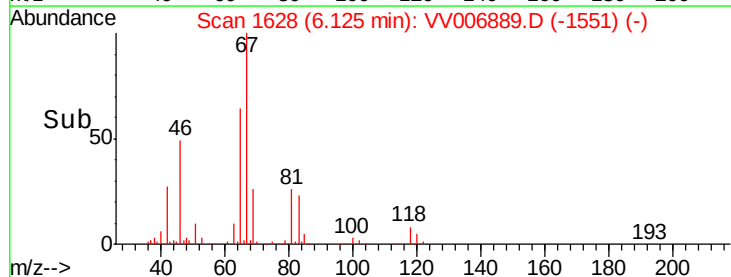
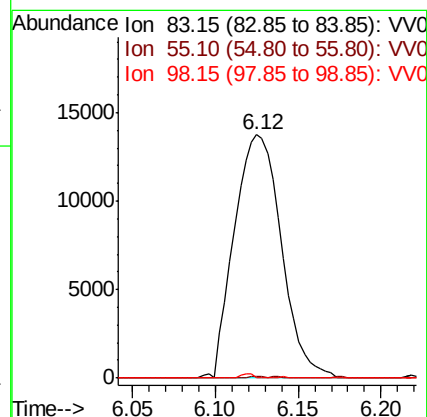
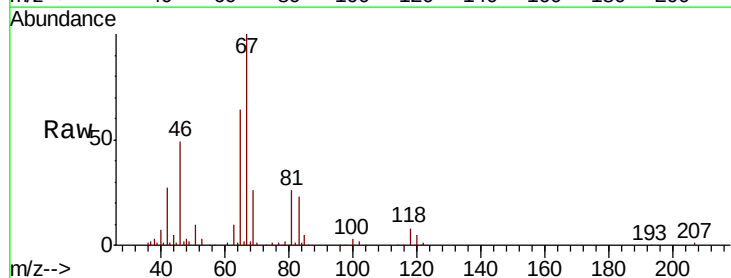
Tgt Ion: 83 Resp: 27083

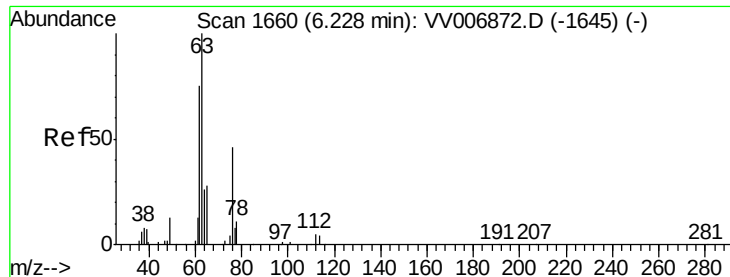
Ion Ratio Lower Upper

83 100

55 0.2 61.8 92.6#

98 0.4 37.2 55.8#





#37

1,2-Dichloropropane

Concen: 0.578 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VV006889.D

Acq: 04 Aug 2018 18:19

Instrument :

MSVOA\_V

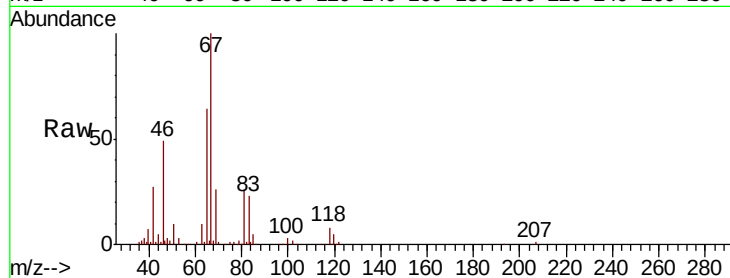
ClientSampleId :

Tot Ion: 63 Resp: 12016

Ion Ratio Lower Upper

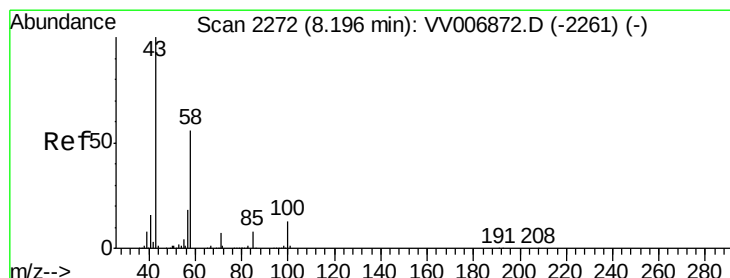
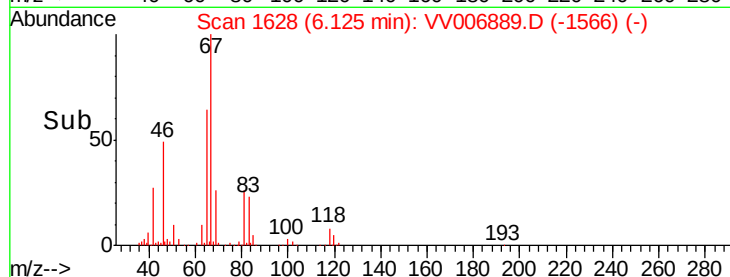
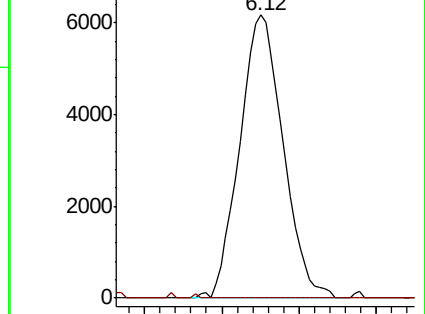
63 100

112 0.2 3.0 4.6#



Abundance Ion 63.10 (62.80 to 63.80): VV006872.D (-1645) (-)

Ion 112.10 (111.80 to 112.80): VV006872.D (-1645) (-)



#48

2-Hexanone

Concen: 2.827 ug/L

RT: 8.15 min Scan# 2257

Delta R.T. -0.05 min

Lab File: VV006889.D

Acq: 04 Aug 2018 18:19

Tgt Ion: 43 Resp: 22055

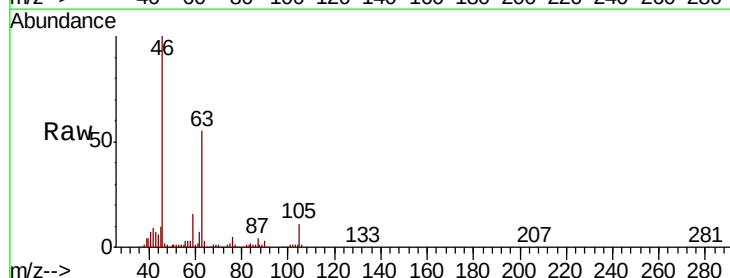
Ion Ratio Lower Upper

43 100

58 47.1 45.4 68.0

57 48.1 15.4 23.2#

100 5.8 10.6 16.0#



Abundance Ion 43.05 (42.75 to 43.75): VV006872.D (-2261) (-)

Ion 58.05 (57.75 to 58.75): VV006872.D (-2261) (-)

Ion 57.20 (56.90 to 57.90): VV006872.D (-2261) (-)

Ion 100.15 (99.85 to 100.85): VV006872.D (-2261) (-)

