

Data File : VR026517.D  
Acq On : 9 Apr 2019 16:07  
Operator : SY/MD  
Sample : K2285-01  
Misc : 25mL/MSVOA\_R/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_R  
ClientSampleId :  
BEZB9

Quant Time: Apr 10 05:44:59 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR040319WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Wed Apr 10 05:42:05 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.46  | 114  | 615710   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.29 | 117  | 513250   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.23 | 152  | 153231   | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.14   | 65    | 182235   | 3.90     | ug/L | -0.02   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 78.00%  |
| 7) Chloroethane-d5             | 2.62   | 69    | 163301   | 4.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 83.80%  |
| 11) 1,1-Dichloroethene-d2      | 3.60   | 63    | 380952   | 3.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 63.00%  |
| 20) 2-Butanone-d5              | 6.59   | 46    | 179121   | 42.95    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 85.90%  |
| 24) Chloroform-d               | 7.20   | 84    | 384655   | 4.32     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 86.40%  |
| 26) 1,2-Dichloroethane-d4      | 7.90   | 65    | 165252   | 4.42     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 88.40%  |
| 32) Benzene-d6                 | 7.85   | 84    | 685593   | 4.22     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 84.40%  |
| 36) 1,2-Dichloropropane-d6     | 8.89   | 67    | 184712   | 4.35     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 87.00%  |
| 41) Toluene-d8                 | 9.97   | 98    | 615969   | 4.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 83.80%  |
| 43) trans-1,3-Dichloropropene- | 10.23  | 79    | 35919    | 3.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 63.80%  |
| 46) 2-Hexanone-d5              | 10.59  | 63    | 150001   | 49.64    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 99.28%  |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36  | 84    | 72065    | 4.35     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 87.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 13.52  | 152   | 124070   | 5.35     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 107.00% |

#### Target Compounds

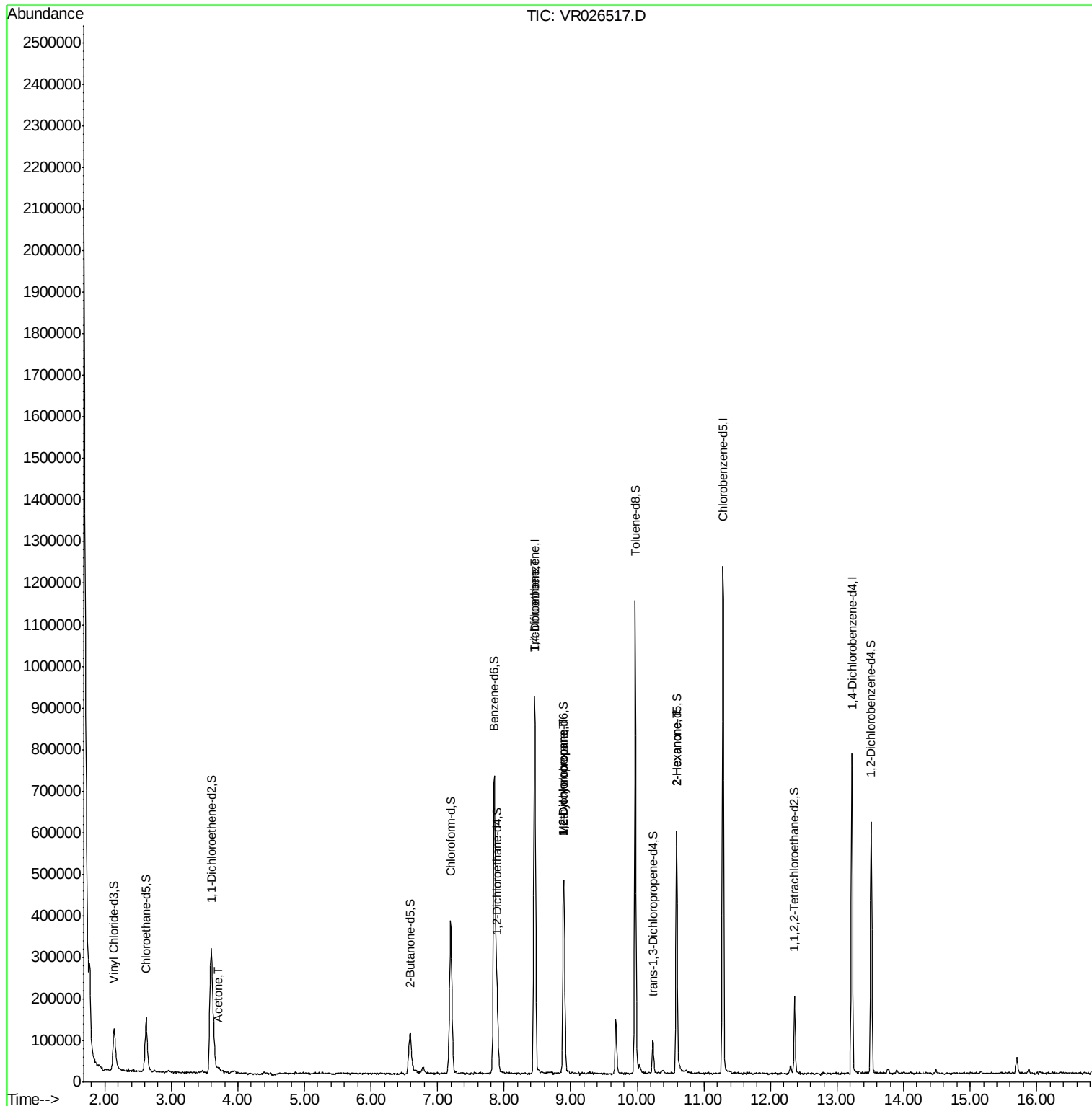
|                         |       |    |       |              | Qvalue |
|-------------------------|-------|----|-------|--------------|--------|
| 13) Acetone             | 3.70  | 43 | 7870  | 1.867 ug/L   | 91     |
| 34) Trichloroethene     | 8.46  | 95 | 22402 | 0.417 ug/L # | 12     |
| 35) Methylcyclohexane   | 8.89  | 83 | 46147 | 0.602 ug/L # | 14     |
| 37) 1,2-Dichloropropane | 8.89  | 63 | 24960 | 0.568 ug/L # | 92     |
| 48) 2-Hexanone          | 10.59 | 43 | 26986 | 3.150 ug/L # | 74     |

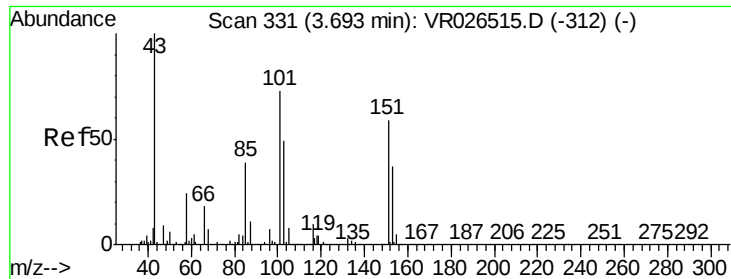
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.867 ug/L

RT: 3.70 min Scan# 332

Delta R.T. 0.01 min

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Instrument :

MSVOA\_R

ClientSampleId :

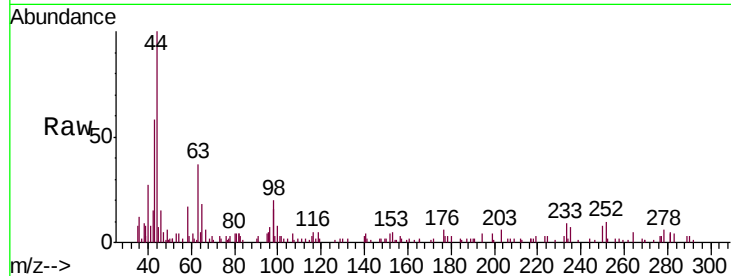
BEZB9

Tgt Ion: 43 Resp: 7870

Ion Ratio Lower Upper

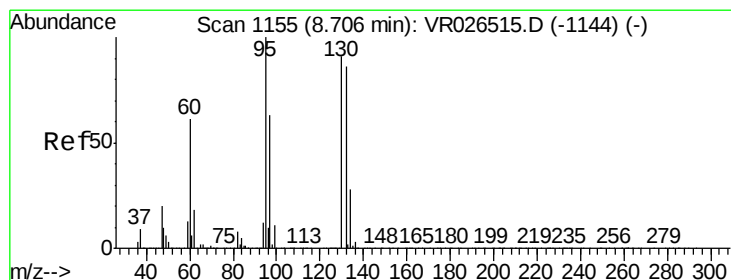
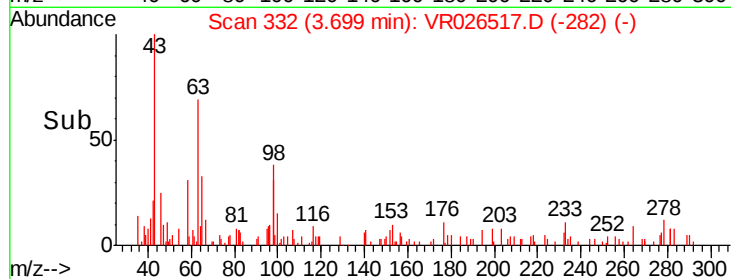
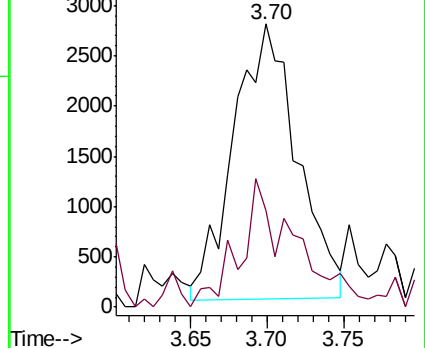
43 100

58 22.1 0.0 53.8



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#34

Trichloroethene

Concen: 0.417 ug/L

RT: 8.46 min Scan# 1114

Delta R.T. -0.25 min

Lab File: VR026517.D

Acq: 9 Apr 2019 16:07

Tgt Ion: 95 Resp: 22402

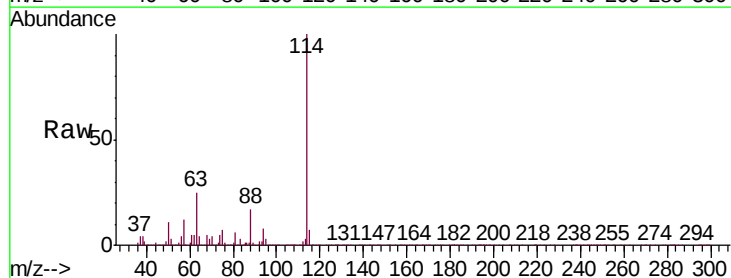
Ion Ratio Lower Upper

95 100

97 0.7 43.8 81.3#

132 0.8 57.2 106.2#

130 0.6 59.7 110.9#

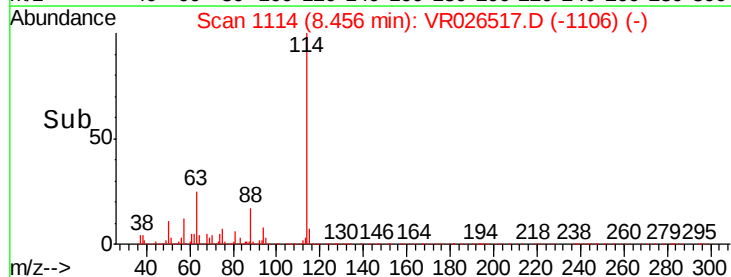
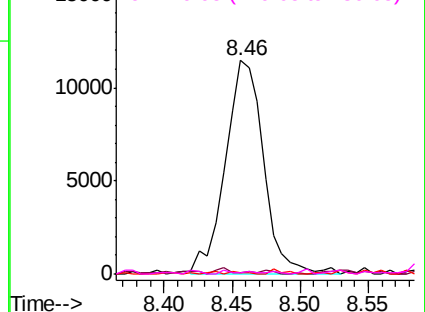


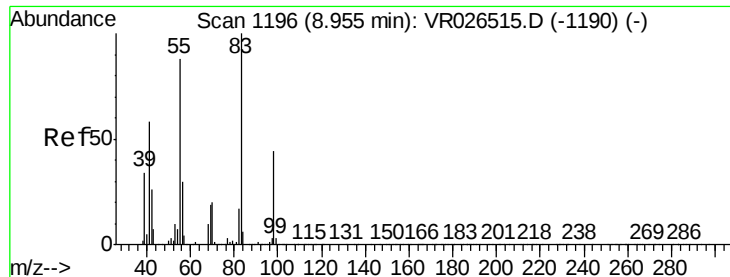
Abundance Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

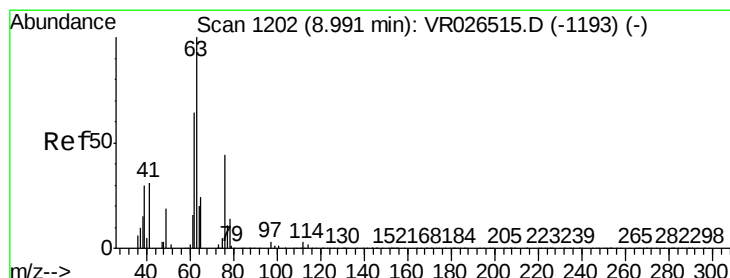
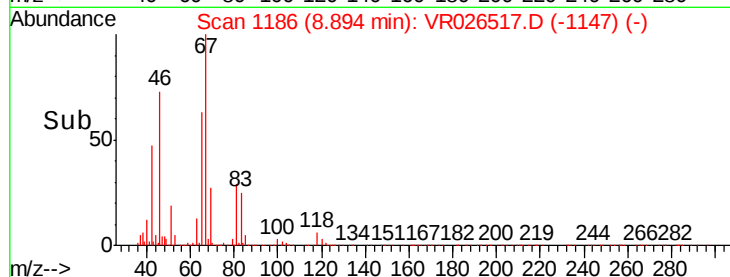
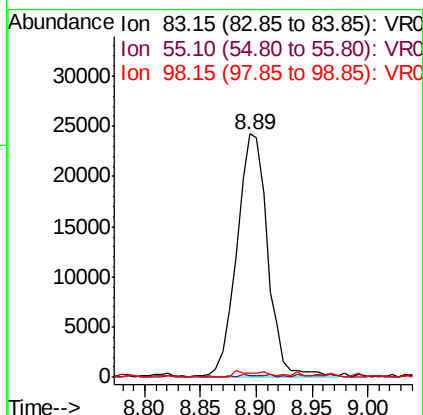
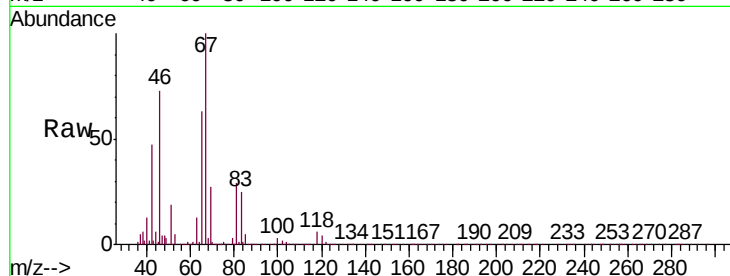




#35  
Methylcyclohexane  
Concen: 0.602 ug/L  
RT: 8.89 min Scan# 1186  
Delta R.T. -0.06 min  
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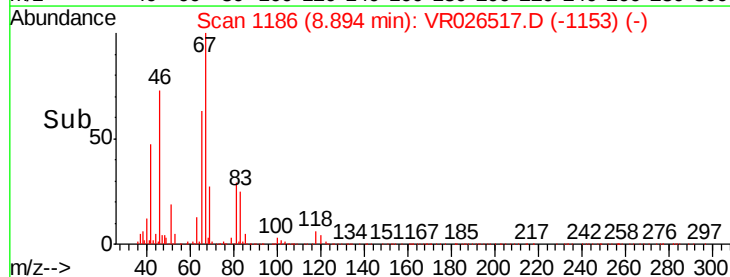
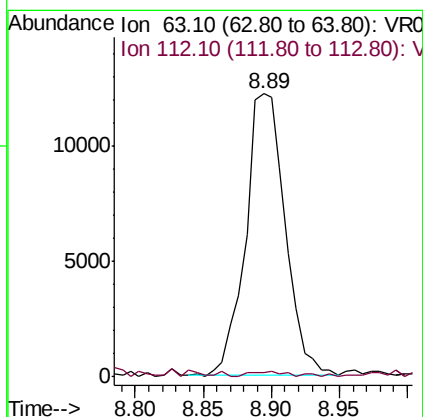
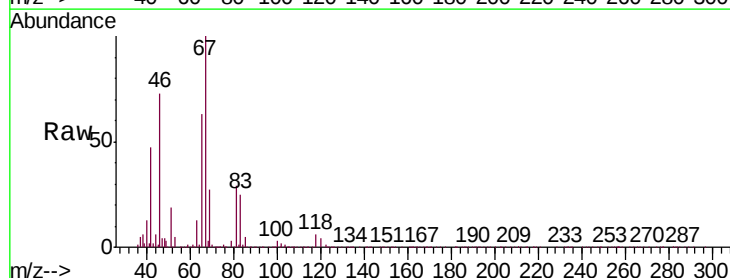
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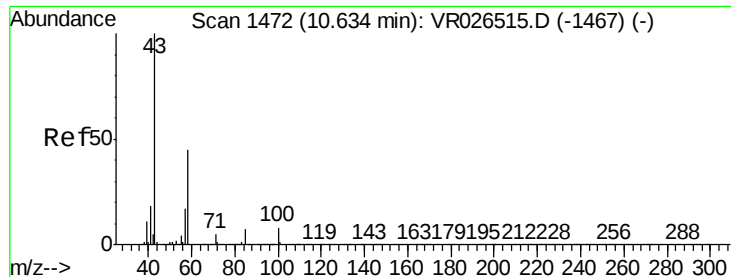
Tgt Ion: 83 Resp: 46147  
Ion Ratio Lower Upper  
83 100  
55 1.3 73.8 110.6#  
98 1.3 34.6 51.8#



#37  
1,2-Dichloropropane  
Concen: 0.568 ug/L  
RT: 8.89 min Scan# 1186  
Delta R.T. -0.10 min  
Lab File: VR026517.D  
Acq: 9 Apr 2019 16:07

Tgt Ion: 63 Resp: 24960  
Ion Ratio Lower Upper  
63 100  
112 0.8 2.8 4.2#





#48

2-Hexanone

Concen: 3.150 ug/L

RT: 10.59 min Scan# 1464

Delta R.T. -0.05 min

Lab File: VR026517.D

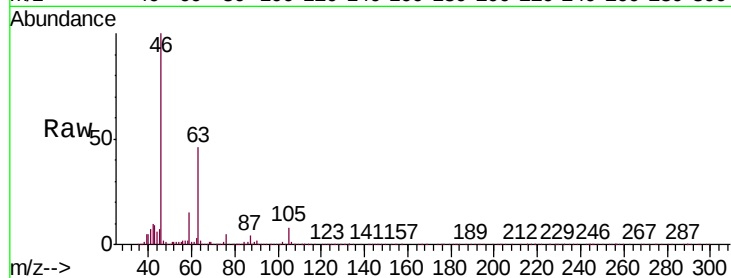
Acq: 9 Apr 2019 16:07

Instrument :

MSVOA\_R

ClientSampleId :

BEZB9



Tgt Ion: 43 Resp: 26986

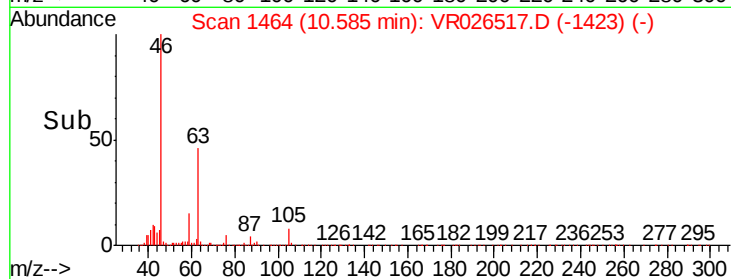
Ion Ratio Lower Upper

43 100

58 27.3 38.2 57.2#

57 27.8 13.8 20.6#

100 7.7 6.2 9.2



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

Ion 57.20 (56.90 to 57.90): VR0

Ion 100.15 (99.85 to 100.85): VR0

