

Data File : VV012848.D  
Acq On : 16 Sep 2019 20:55  
Operator : SY/MD  
Sample : K4834-02  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
C0MD6

Quant Time: Sep 17 07:26:35 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR091619WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Tue Sep 17 07:22:21 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 394940   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 390766   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 142899   | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 125379   | 4.58     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 91.60%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 102090   | 4.76     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 95.20%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 160156   | 3.54     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 70.80%  |
| 20) 2-Butanone-d5              | 3.97   | 46    | 203645   | 53.86    | ug/L | -0.02   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 107.72% |
| 24) Chloroform-d               | 4.40   | 84    | 201187   | 4.68     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 93.60%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 101970   | 5.16     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 103.20% |
| 32) Benzene-d6                 | 5.09   | 84    | 410919   | 4.81     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 96.20%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 127018   | 4.89     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 97.80%  |
| 41) Toluene-d8                 | 7.36   | 98    | 319269   | 4.17     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 83.40%  |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 37217    | 4.43     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 88.60%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 110717   | 47.05    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 94.10%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 72215    | 5.06     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 101.20% |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 109100   | 5.51     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 110.20% |

#### Target Compounds

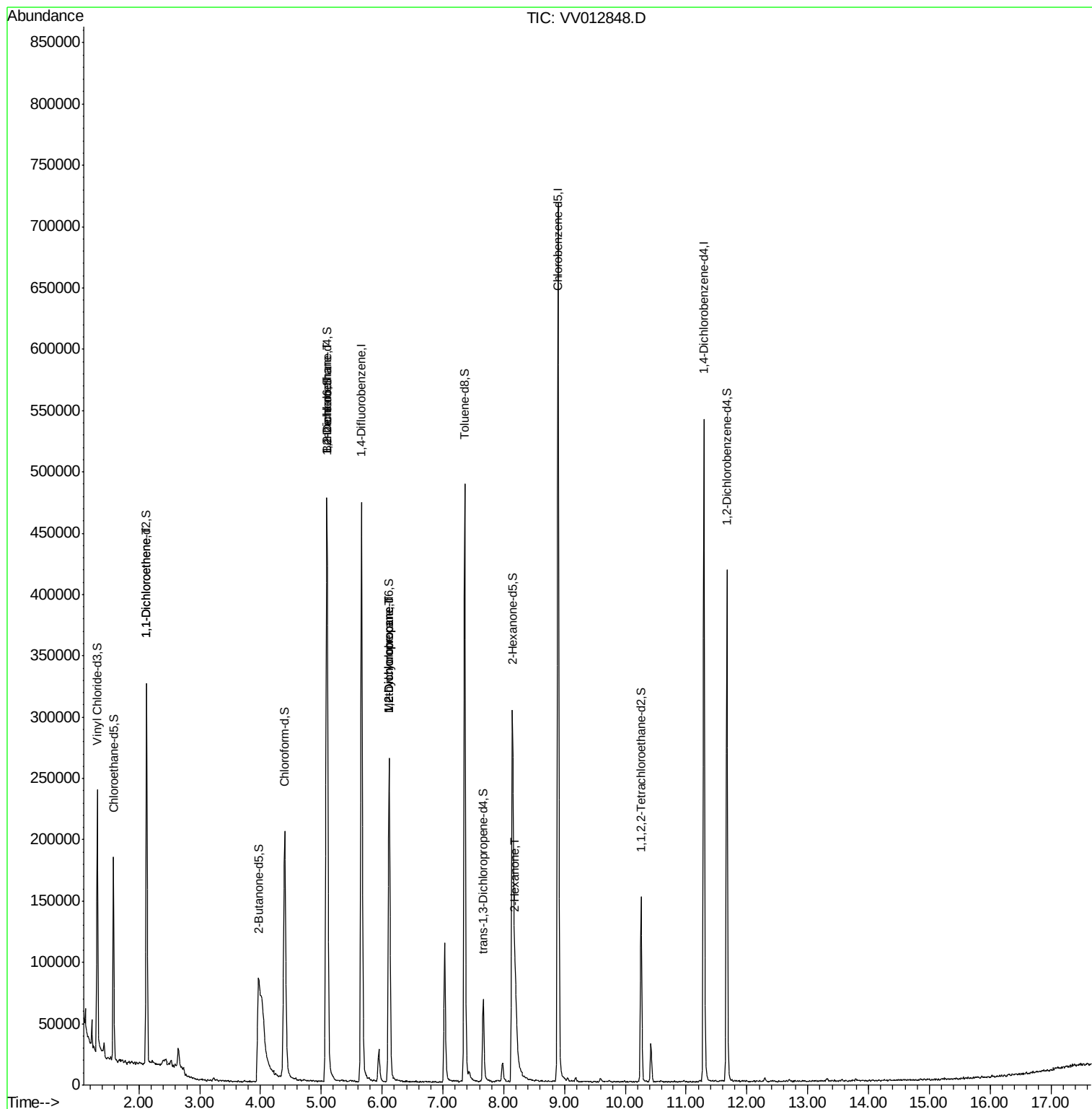
|                         |      |    |       |              | Qvalue |
|-------------------------|------|----|-------|--------------|--------|
| 12) 1,1-Dichloroethene  | 2.13 | 96 | 1736  | 0.080 ug/L # | 1      |
| 27) 1,2-Dichloroethane  | 5.10 | 62 | 2466  | 0.088 ug/L   | 98     |
| 35) Methylcyclohexane   | 6.12 | 83 | 30894 | 0.892 ug/L # | 17     |
| 37) 1,2-Dichloropropane | 6.12 | 63 | 14435 | 0.543 ug/L # | 85     |
| 48) 2-Hexanone          | 8.19 | 43 | 46972 | 4.194 ug/L # | 83     |

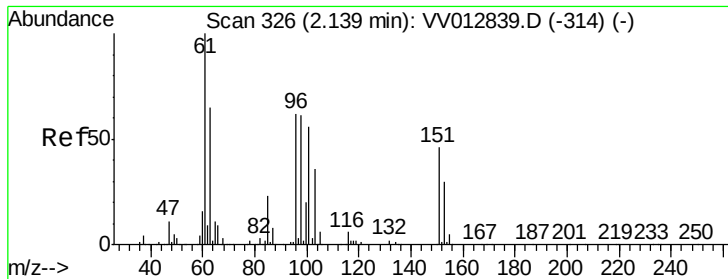
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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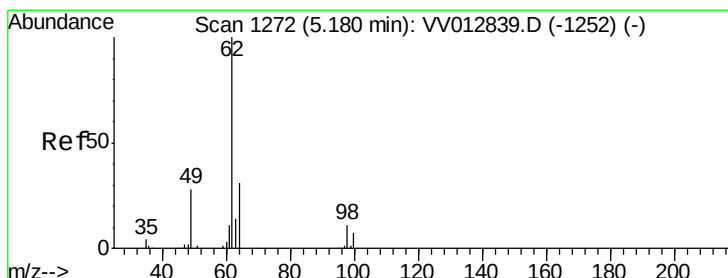
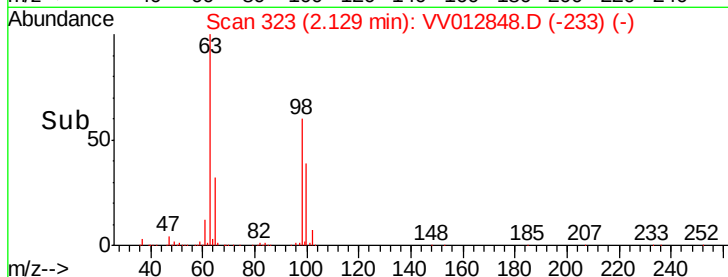
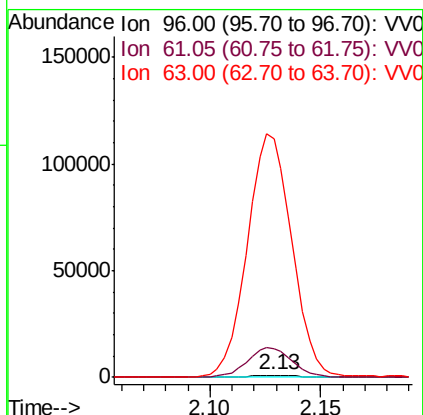
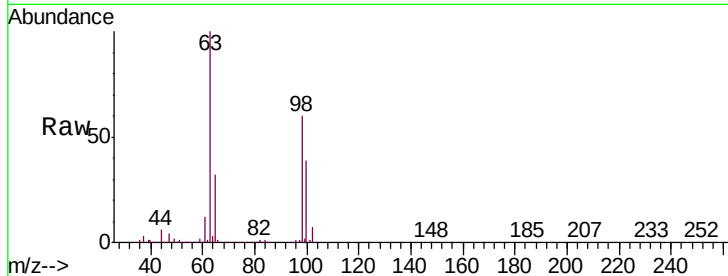




#12  
 1,1-Dichloroethene  
 Concen: 0.080 ug/L  
 RT: 2.13 min Scan# 323  
 Delta R.T. -0.01 min  
 Lab File: VV012848.D  
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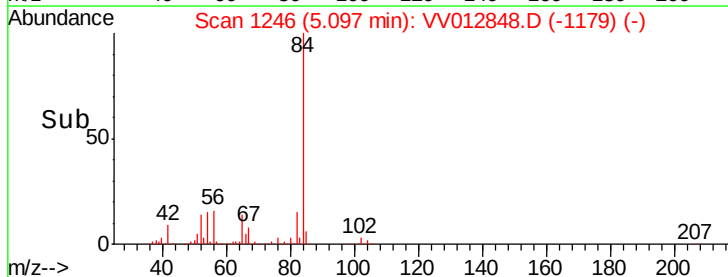
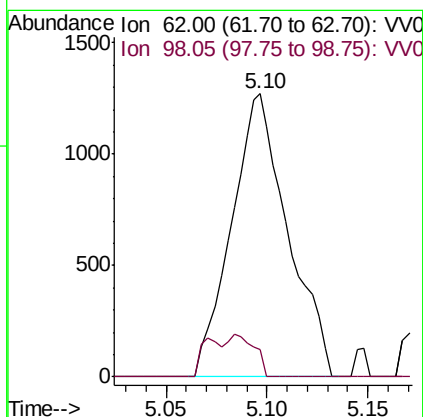
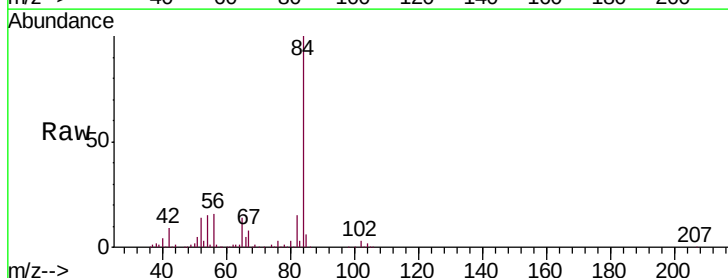
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0MD6

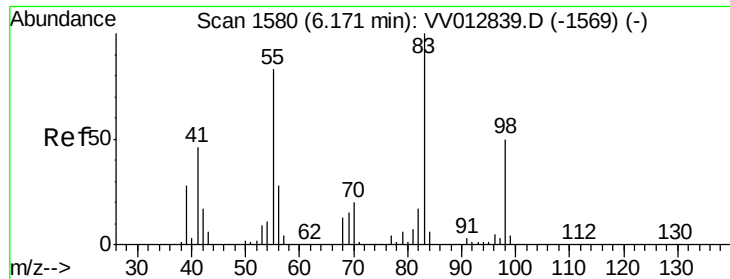
Tgt Ion: 96 Resp: 1736  
 Ion Ratio Lower Upper  
 96 100  
 61 1266.5 120.1 223.1#  
 63 10378.5 88.3 164.1#



#27  
 1,2-Dichloroethane  
 Concen: 0.088 ug/L  
 RT: 5.10 min Scan# 1246  
 Delta R.T. -0.08 min  
 Lab File: VV012848.D  
 Acq: 16 Sep 2019 20:55

Tgt Ion: 62 Resp: 2466  
 Ion Ratio Lower Upper  
 62 100  
 98 9.5 8.3 12.5





#35

Methylcyclohexane

Concen: 0.892 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV012848.D

Acq: 16 Sep 2019 20:55

Instrument :

MSVOA\_V

ClientSampleId :

C0MD6

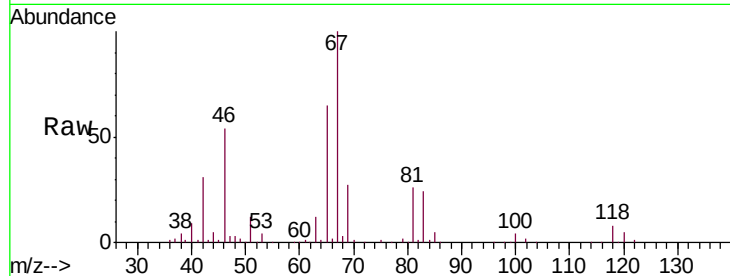
Tgt Ion: 83 Resp: 30894

Ion Ratio Lower Upper

83 100

55 0.7 65.4 98.2#

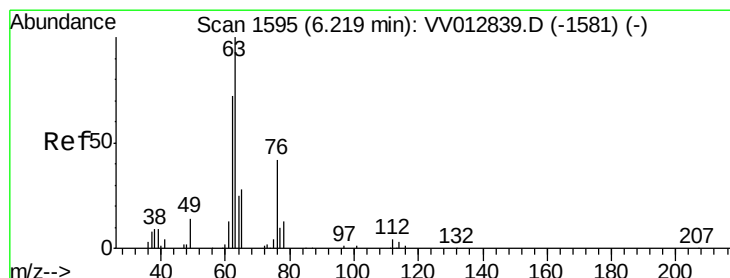
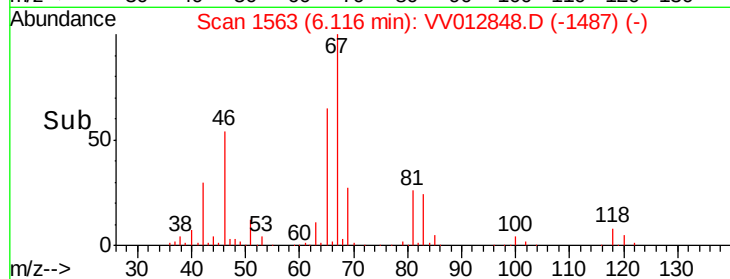
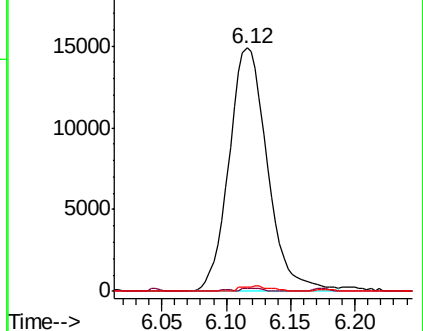
98 1.7 39.0 58.4#



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: 0.543 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV012848.D

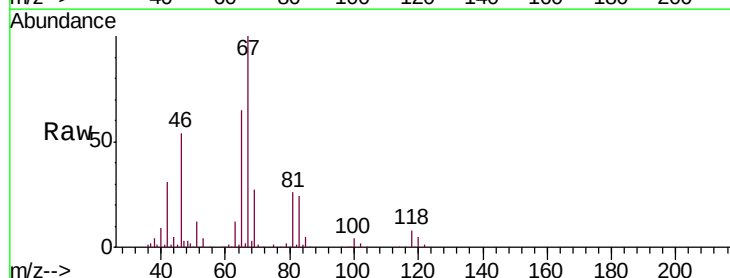
Acq: 16 Sep 2019 20:55

Tgt Ion: 63 Resp: 14435

Ion Ratio Lower Upper

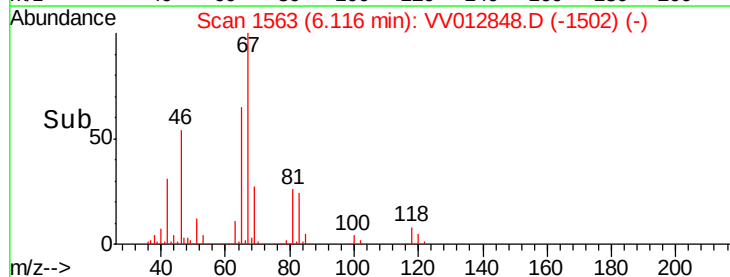
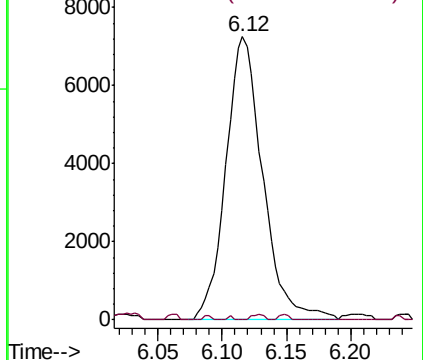
63 100

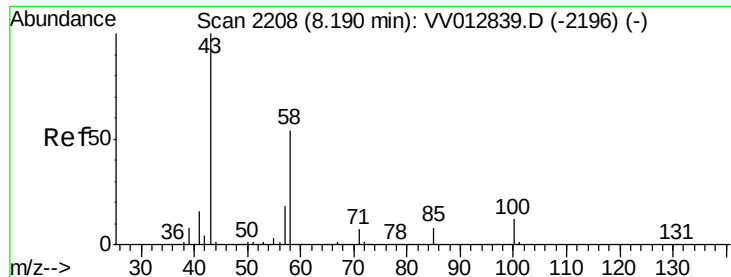
112 0.1 4.2 6.2#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V





#48

2-Hexanone

Concen: 4.194 ug/L

RT: 8.19 min Scan# 2209

Delta R.T. 0.00 min

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Tgt Ion: 43 Resp: 46972

Ion Ratio Lower Upper

43 100

58 40.2 44.8 67.2#

57 14.1 15.0 22.6#

100 9.2 8.8 13.2

