

Data File : VV012653.D  
Acq On : 10 Sep 2019 13:22  
Operator : SY/MD  
Sample : K4780-06  
Misc : 25mL/MSVOA\_V/WATER  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
H0BM4

Quant Time: Sep 11 05:25:17 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR090919WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Wed Sep 11 05:21:41 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 386452   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 389316   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 155427   | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 112050   | 4.27     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 85.40%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 98507    | 4.54     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 90.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 135868   | 3.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 64.20%  |
| 20) 2-Butanone-d5              | 3.94   | 46    | 315003   | 49.93    | ug/L | -0.03   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 99.86%  |
| 24) Chloroform-d               | 4.40   | 84    | 217368   | 4.56     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 91.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 111785   | 4.90     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 98.00%  |
| 32) Benzene-d6                 | 5.10   | 84    | 400233   | 4.30     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 86.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 136757   | 4.63     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 92.60%  |
| 41) Toluene-d8                 | 7.36   | 98    | 316038   | 3.79     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 75.80%  |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 41469    | 4.08     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 81.60%  |
| 46) 2-Hexanone-d5              | 8.13   | 63    | 155818   | 40.53    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 81.06%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 94754    | 4.47     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 89.40%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 133325   | 5.01     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 100.20% |

#### Target Compounds

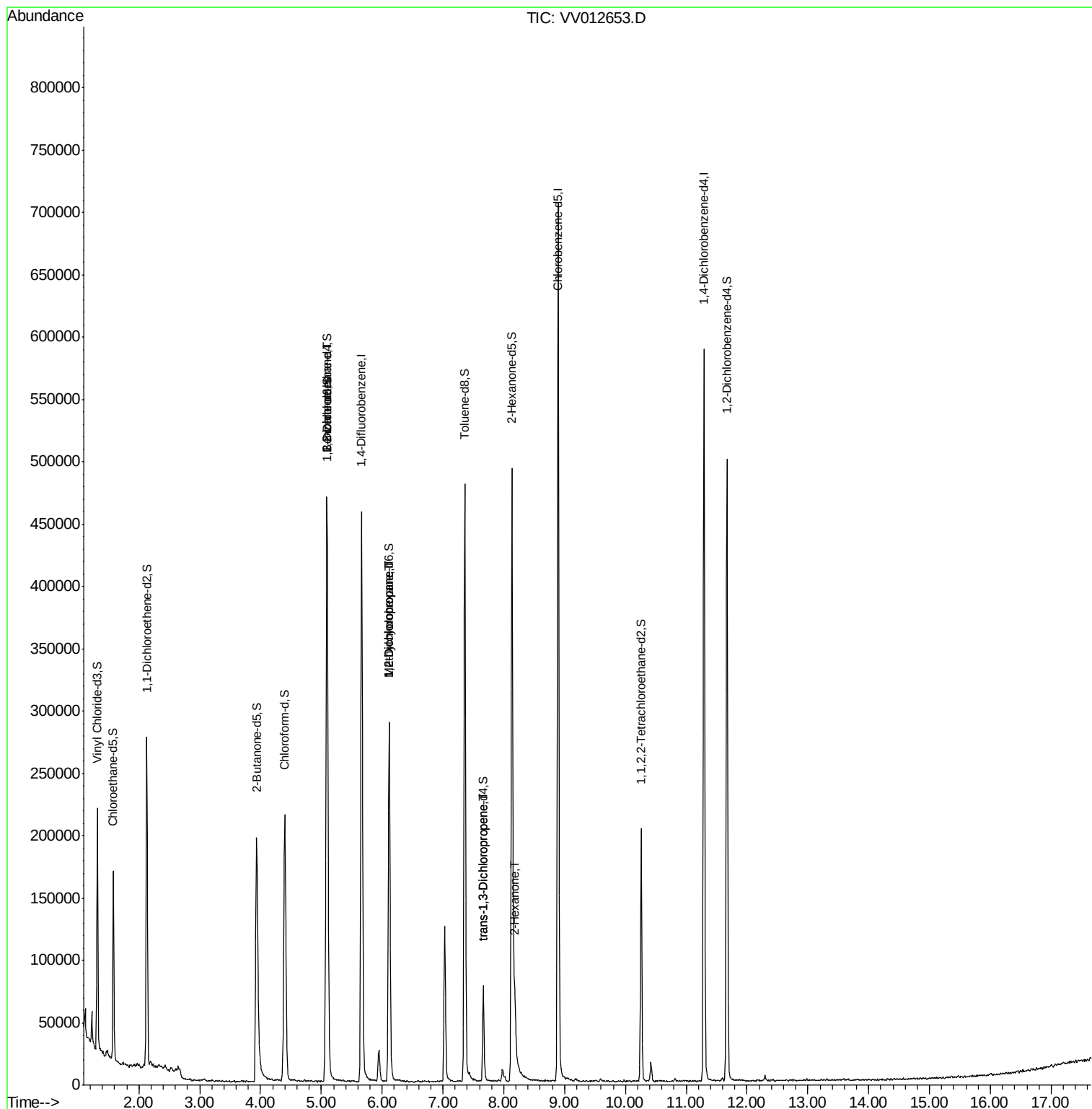
|                               |      |    |       |              | Qvalue |
|-------------------------------|------|----|-------|--------------|--------|
| 27) 1,2-Dichloroethane        | 5.09 | 62 | 2206  | 0.075 ug/L   | 99     |
| 35) Methylcyclohexane         | 6.12 | 83 | 32751 | 0.737 ug/L # | 17     |
| 37) 1,2-Dichloropropane       | 6.12 | 63 | 15203 | 0.536 ug/L # | 88     |
| 44) trans-1,3-Dichloropropene | 7.66 | 75 | 1870  | 0.067 ug/L # | 49     |
| 48) 2-Hexanone                | 8.18 | 43 | 31589 | 2.810 ug/L # | 87     |

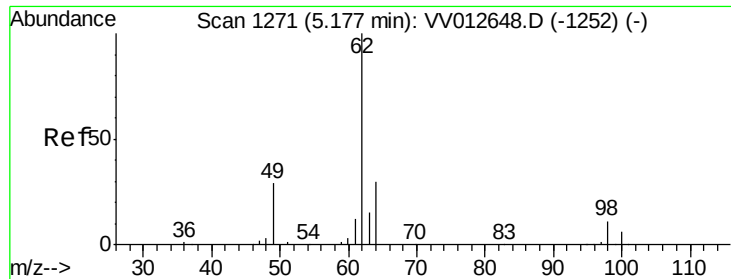
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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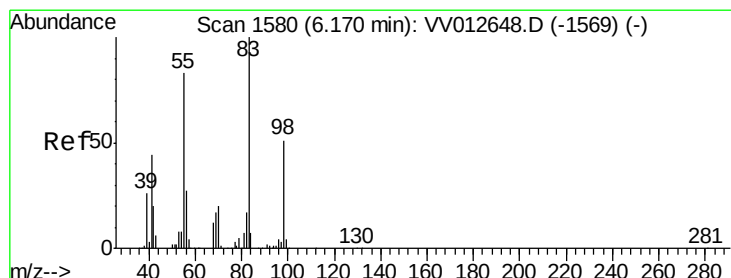
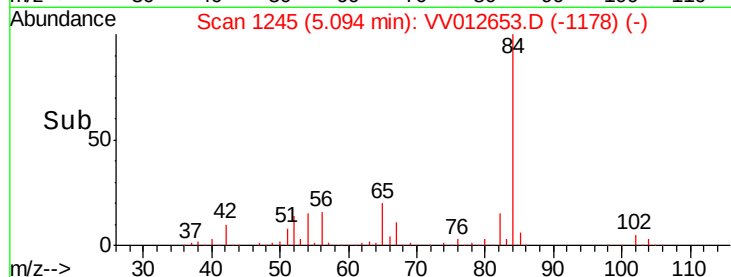
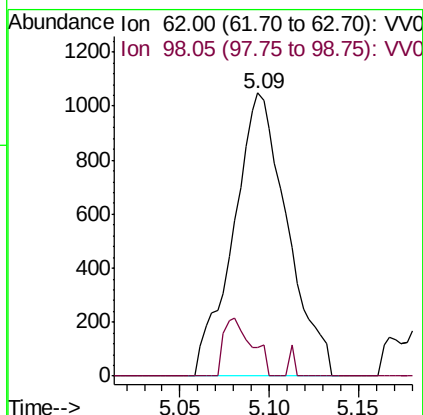
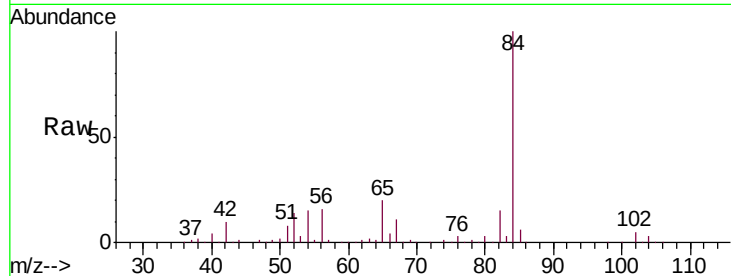




#27  
 1,2-Dichloroethane  
 Concen: 0.075 ug/L  
 RT: 5.09 min Scan# 1245  
 Delta R.T. -0.08 min  
 Lab File: VV012653.D  
 Acq: 10 Sep 2019 13:22

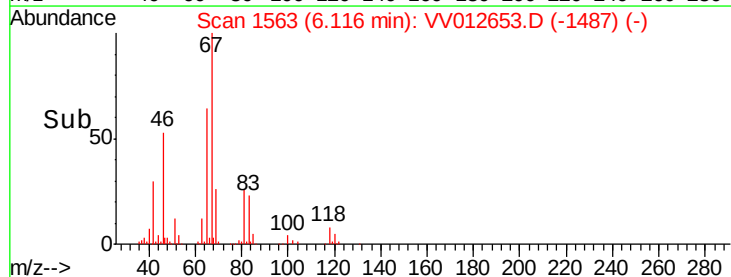
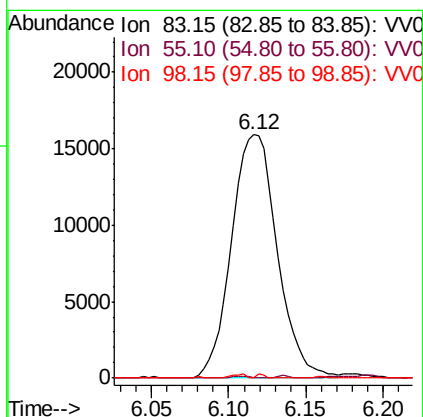
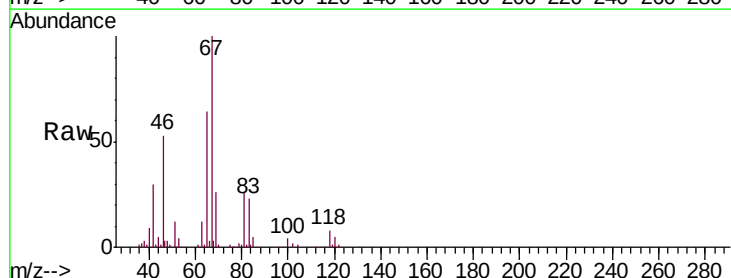
Instrument :  
 MSVOA\_V  
 ClientSampled :  
 H0BM4

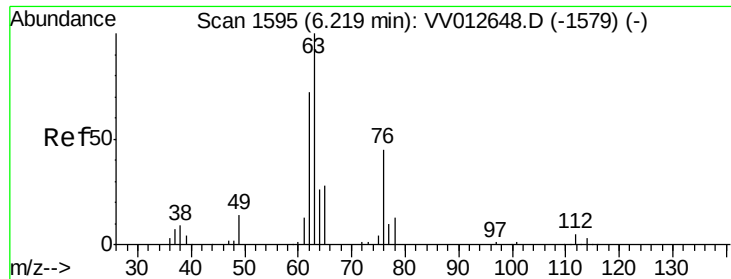
Tgt Ion: 62 Resp: 2206  
 Ion Ratio Lower Upper  
 62 100  
 98 10.1 8.4 12.6



#35  
 Methylcyclohexane  
 Concen: 0.737 ug/L  
 RT: 6.12 min Scan# 1563  
 Delta R.T. -0.05 min  
 Lab File: VV012653.D  
 Acq: 10 Sep 2019 13:22

Tgt Ion: 83 Resp: 32751  
 Ion Ratio Lower Upper  
 83 100  
 55 0.3 63.0 94.4#  
 98 0.0 39.8 59.8#





#37

1,2-Dichloropropane

Concen: 0.536 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV012653.D

Acq: 10 Sep 2019 13:22

Instrument :

MSVOA\_V

ClientSampleId :

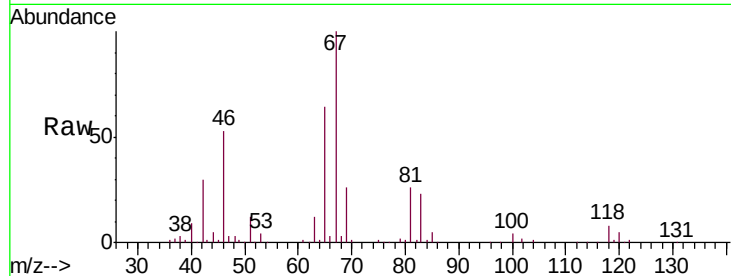
H0BM4

Tgt Ion: 63 Resp: 15203

Ion Ratio Lower Upper

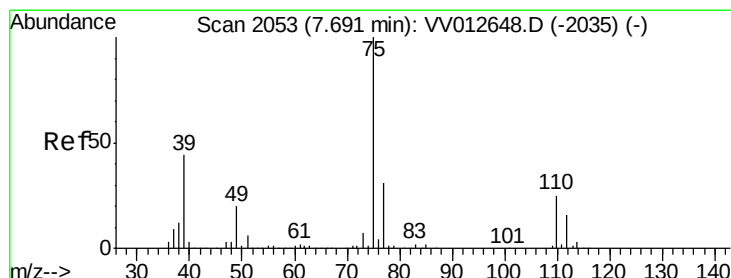
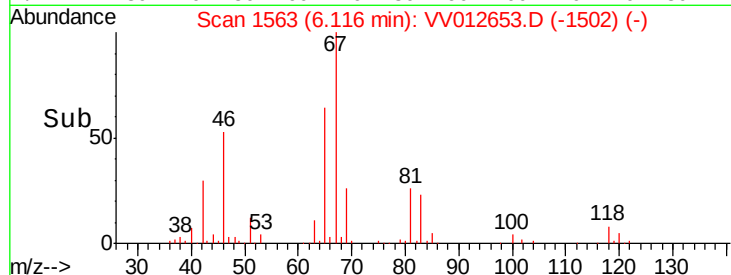
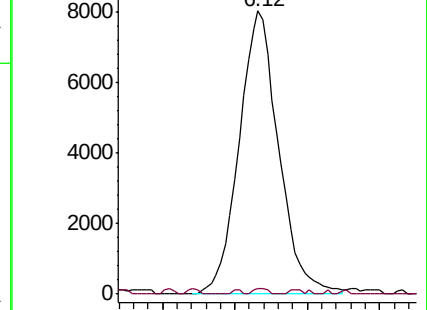
63 100

112 0.7 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VV012648.D (-1579) (-)

Ion 112.10 (111.80 to 112.80): VV012648.D (-1579) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.067 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV012653.D

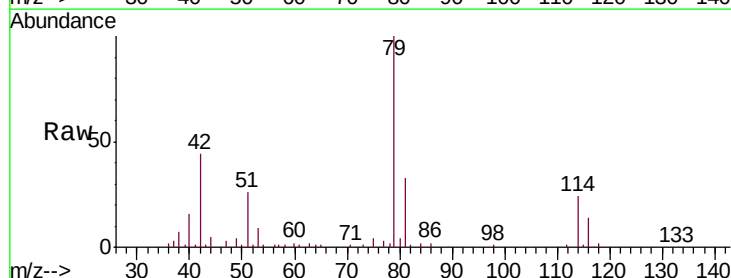
Acq: 10 Sep 2019 13:22

Tgt Ion: 75 Resp: 1870

Ion Ratio Lower Upper

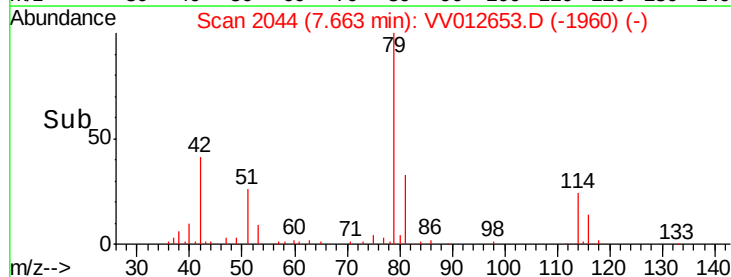
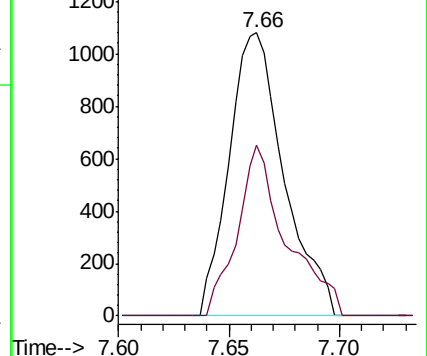
75 100

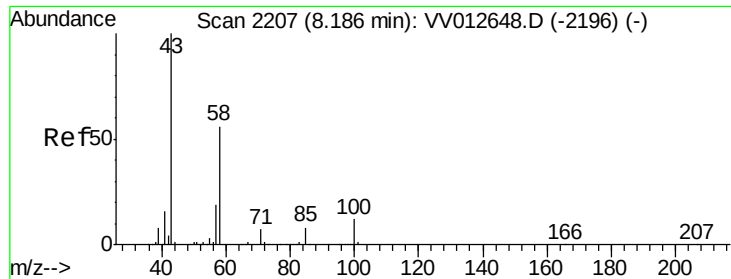
77 60.6 22.4 41.6#



Abundance Ion 75.05 (74.75 to 75.75): VV012648.D (-2035) (-)

Ion 77.05 (76.75 to 77.75): VV012648.D (-2035) (-)





#48  
 2-Hexanone  
 Concen: 2.810 ug/L  
 RT: 8.18 min Scan# 2206  
 Delta R.T. -0.00 min  
 Lab File: VV012653.D  
 Acq: 10 Sep 2019 13:22

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 H0BM4

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 31589 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 46.4  | 44.8  | 67.2  |
| 57       | 14.5  | 14.9  | 22.3# |
| 100      | 6.4   | 9.8   | 14.8# |

