

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091218\  
 Data File : VV007484.D  
 Acq On : 12 Sep 2018 19:29  
 Operator : SY/MD  
 Sample : J4871-06  
 Misc : 25.0 mL/MSVOA V/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0KL5

Quant Time: Sep 13 03:17:39 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR091218WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Sep 13 02:33:45 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 128100   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 113510   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 59053    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 36629    | 5.34     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 106.80% |
| 7) Chloroethane-d5             | 1.58   | 69    | 28495    | 4.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 99.20%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 57507    | 4.17     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 83.40%  |
| 20) 2-Butanone-d5              | 3.97   | 46    | 71873    | 48.69    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 97.38%  |
| 24) Chloroform-d               | 4.41   | 84    | 70049    | 5.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 103.80% |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 37679    | 5.32     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 106.40% |
| 32) Benzene-d6                 | 5.10   | 84    | 138887   | 5.38     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 107.60% |
| 36) 1,2-Dichloropropane-d6     | 6.13   | 67    | 40695    | 5.27     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 105.40% |
| 41) Toluene-d8                 | 7.36   | 98    | 139380   | 5.34     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 106.80% |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 19935    | 5.22     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 104.40% |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 43543    | 47.98    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 95.96%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 28682    | 4.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 96.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 55128    | 5.45     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 109.00% |

## Target Compounds

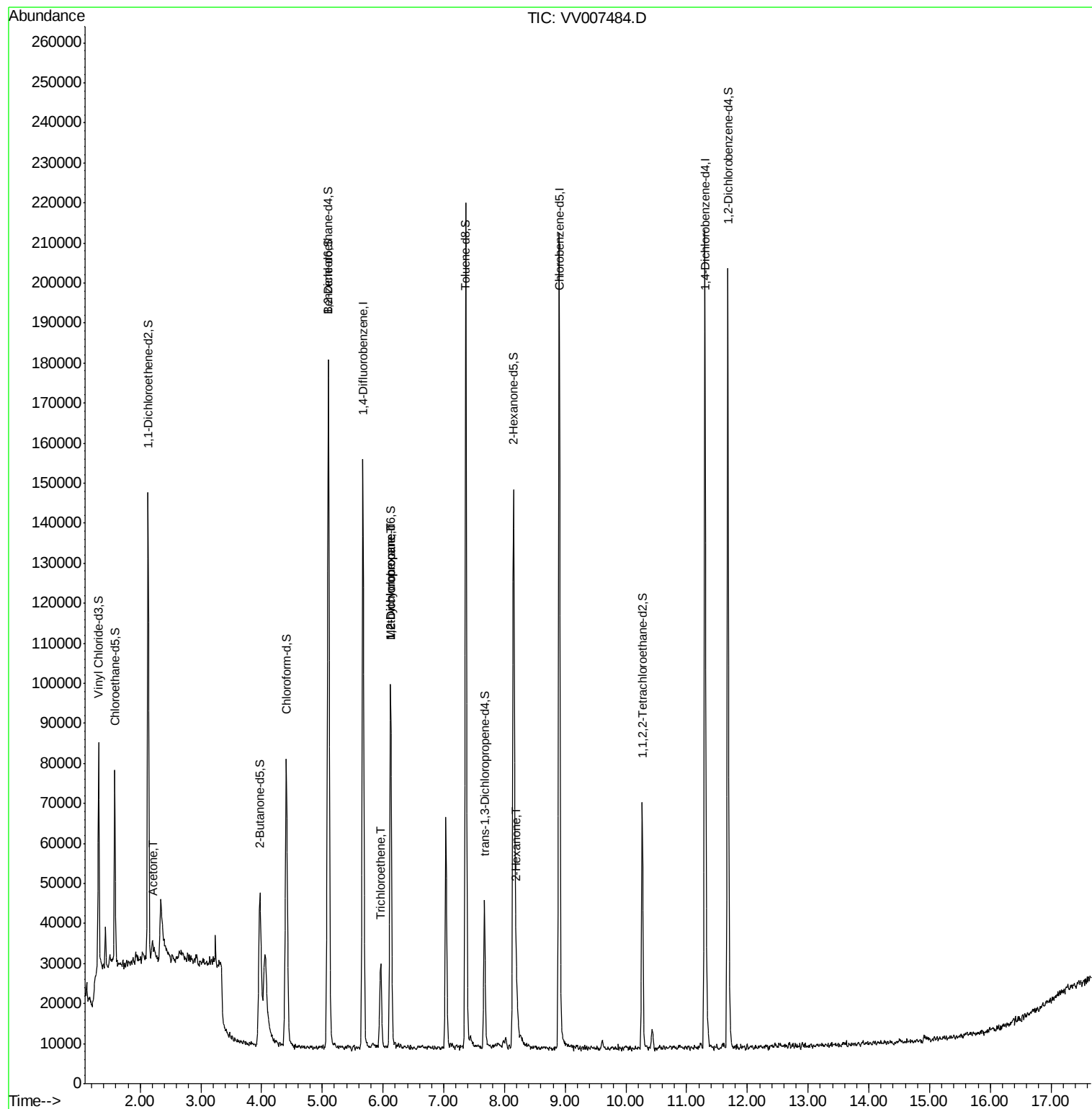
|                         |      |    |       |              | Ovalue |
|-------------------------|------|----|-------|--------------|--------|
| 13) Acetone             | 2.20 | 43 | 4260  | 4.944 ug/L   | 86     |
| 34) Trichloroethene     | 5.96 | 95 | 5791  | 0.776 ug/L   | 95     |
| 35) Methylcyclohexane   | 6.13 | 83 | 10515 | 0.908 ug/L # | 21     |
| 37) 1,2-Dichloropropane | 6.12 | 63 | 5271  | 0.841 ug/L # | 86     |
| 48) 2-Hexanone          | 8.20 | 43 | 7345  | 2.826 ug/L # | 87     |

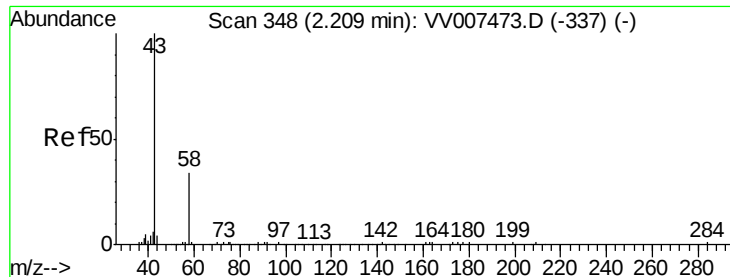
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 13 02:33:45 2018  
Response via : Initial Calibration





#13

Acetone

Concen: 4.944 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.01 min

Lab File: VV007484.D

Acq: 12 Sep 2018 19:29

Instrument :

MSVOA\_V

ClientSampled :

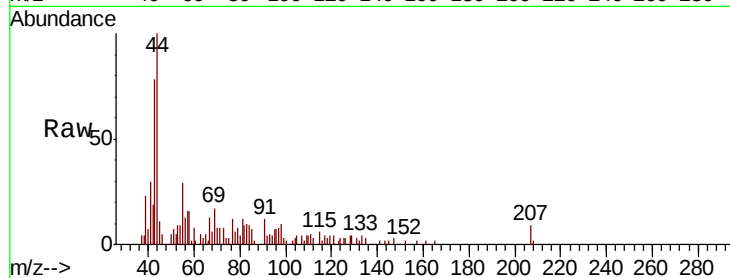
C0KL5

Tot Ion: 43 Resp: 4260

Ion Ratio Lower Upper

43 100

58 24.9 0.0 65.4



Abundance Ion 43.05 (42.75 to 43.75): VV007473.D (-337) (-)

Ion 58.05 (57.75 to 58.75): VV007473.D (-337) (-)

2.20

4000

3000

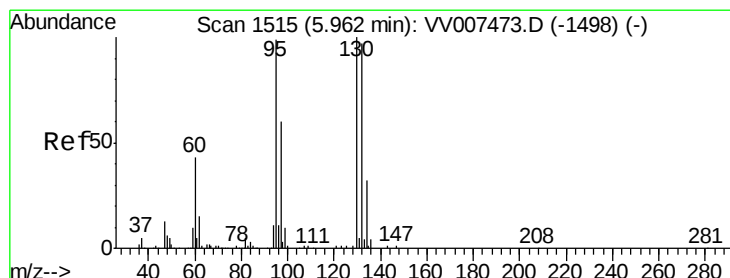
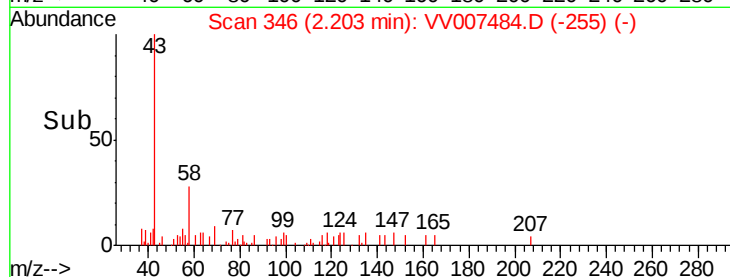
2000

1000

0

Time-->

2.15 2.20 2.25



#34

Trichloroethene

Concen: 0.776 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV007484.D

Acq: 12 Sep 2018 19:29

Tgt Ion: 95 Resp: 5791

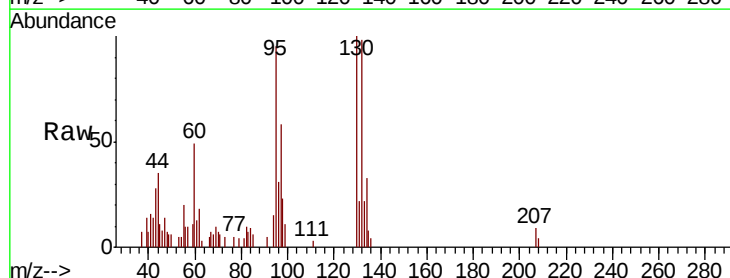
Ion Ratio Lower Upper

95 100

97 60.7 42.8 79.4

132 102.6 67.6 125.6

130 104.9 69.6 129.2



Abundance Ion 95.00 (94.70 to 95.70): VV007473.D (-1498) (-)

Ion 96.95 (96.65 to 97.65): VV007473.D (-1498) (-)

Ion 131.95 (131.65 to 132.65): VV007473.D (-1498) (-)

Ion 129.95 (129.65 to 130.65): VV007473.D (-1498) (-)

5000

4000

3000

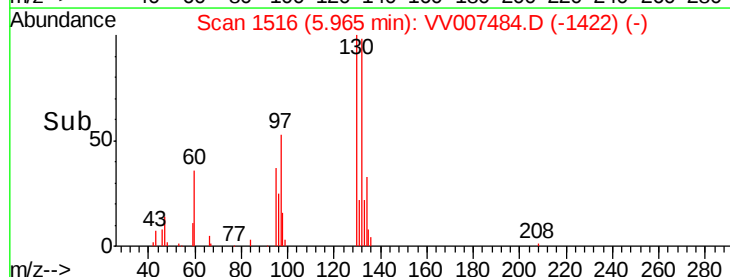
2000

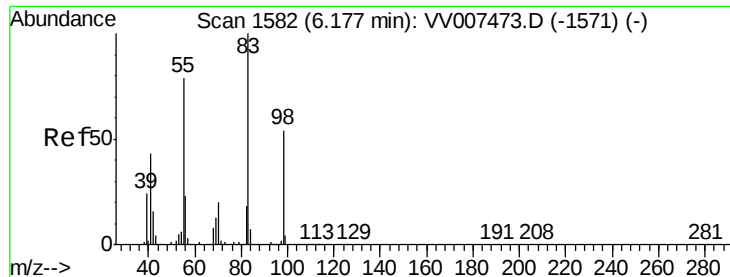
1000

0

Time-->

5.90 5.95 6.00 6.05





#35

Methvlcvclohexane

Concen: 0.908 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.05 min

Lab File: VV007484.D

Acq: 12 Sep 2018 19:29

Instrument :

MSVOA\_V

ClientSampleId :

C0KL5

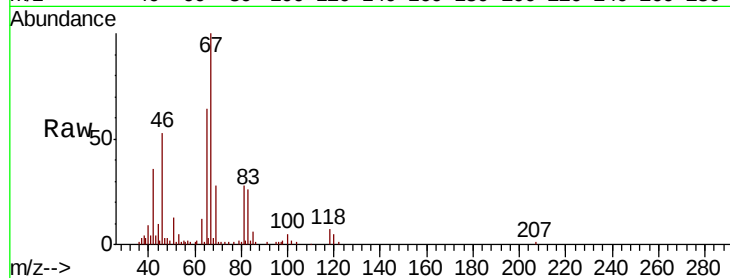
Tot Ion: 83 Resp: 10515

Ion Ratio Lower Upper

83 100

55 0.6 57.4 86.0#

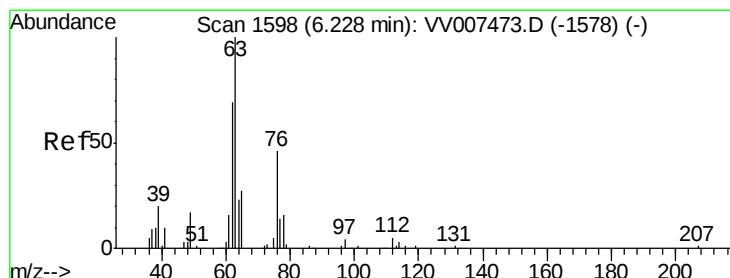
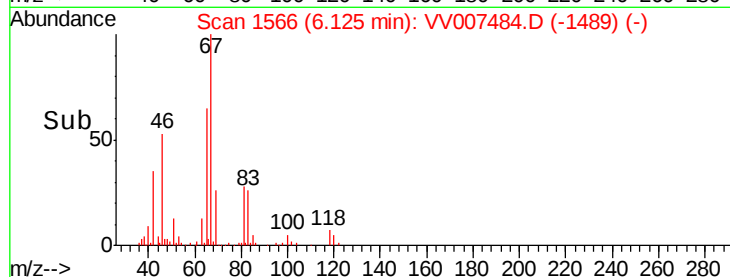
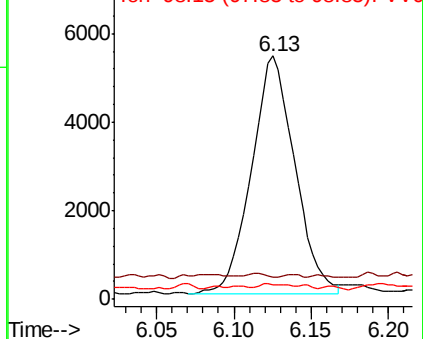
98 2.1 38.8 58.2#



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: 0.841 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.11 min

Lab File: VV007484.D

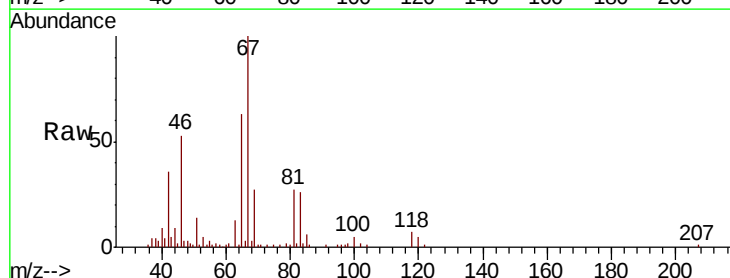
Acq: 12 Sep 2018 19:29

Tgt Ion: 63 Resp: 5271

Ion Ratio Lower Upper

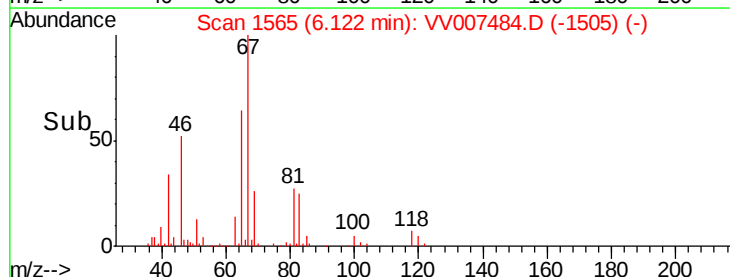
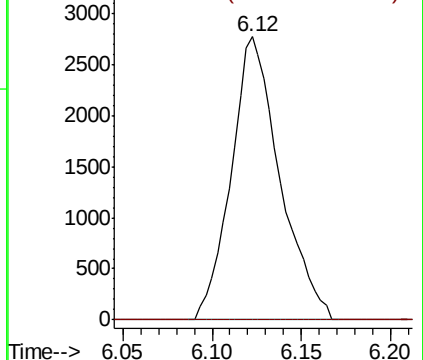
63 100

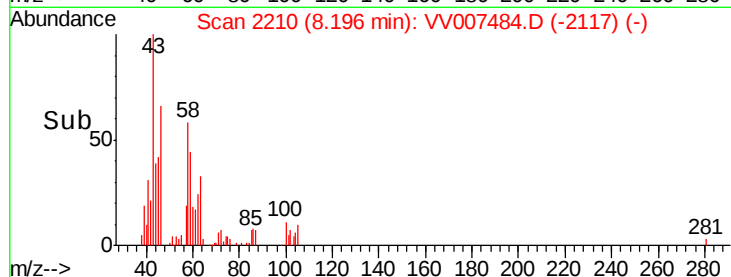
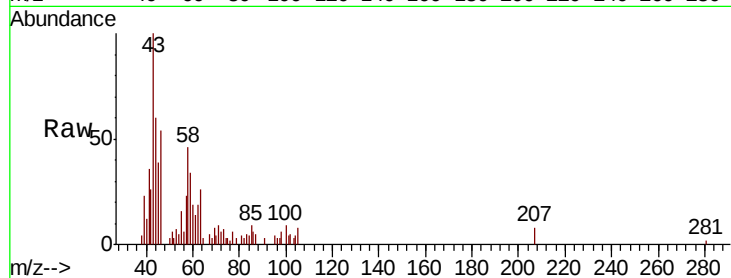
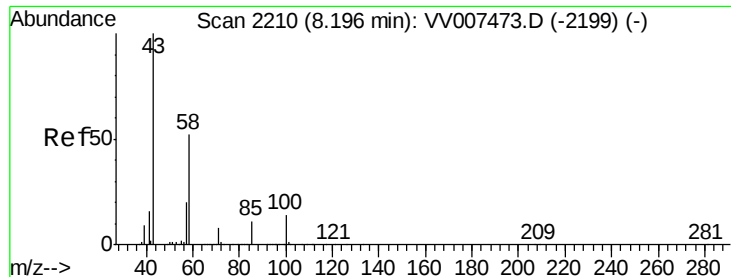
112 0.0 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V





#48

2-Hexanone

Concen: 2.826 ug/L

RT: 8.20 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VV007484.D

Acq: 12 Sep 2018 19:29

Instrument :

MSVOA\_V

ClientSampleId :

C0KL5

Tot Ion: 43 Resp: 7345

Ion Ratio Lower Upper

43 100

58 46.8 47.9 71.9#

57 20.7 16.2 24.2

100 8.3 11.0 16.4#

