

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV070218\  
 Data File : VV006525.D  
 Acq On : 02 Jul 2018 12:57  
 Operator : SY/MD  
 Sample : J3793-05  
 Misc : 25 mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VHBLK01

Quant Time: Jul 02 23:33:10 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR062518WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Jun 30 02:15:06 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 312659   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 283140   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 126332   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 101147   | 4.92     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 98.40% |
| 7) Chloroethane-d5             | 1.58   | 69    | 79238    | 4.78     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 95.60% |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 132659   | 3.64     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 72.80% |
| 20) 2-Butanone-d5              | 3.97   | 46    | 177169   | 45.99    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 91.98% |
| 24) Chloroform-d               | 4.41   | 84    | 152547   | 4.35     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 87.00% |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 74581    | 4.55     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 91.00% |
| 32) Benzene-d6                 | 5.10   | 84    | 342292   | 4.65     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 93.00% |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 102462   | 4.66     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 93.20% |
| 41) Toluene-d8                 | 7.36   | 98    | 307920   | 4.40     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 88.00% |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 31920    | 3.95     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 79.00% |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 120349   | 37.54    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 75.08% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 51521    | 3.82     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 76.40% |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 107662   | 4.59     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 91.80% |

## Target Compounds

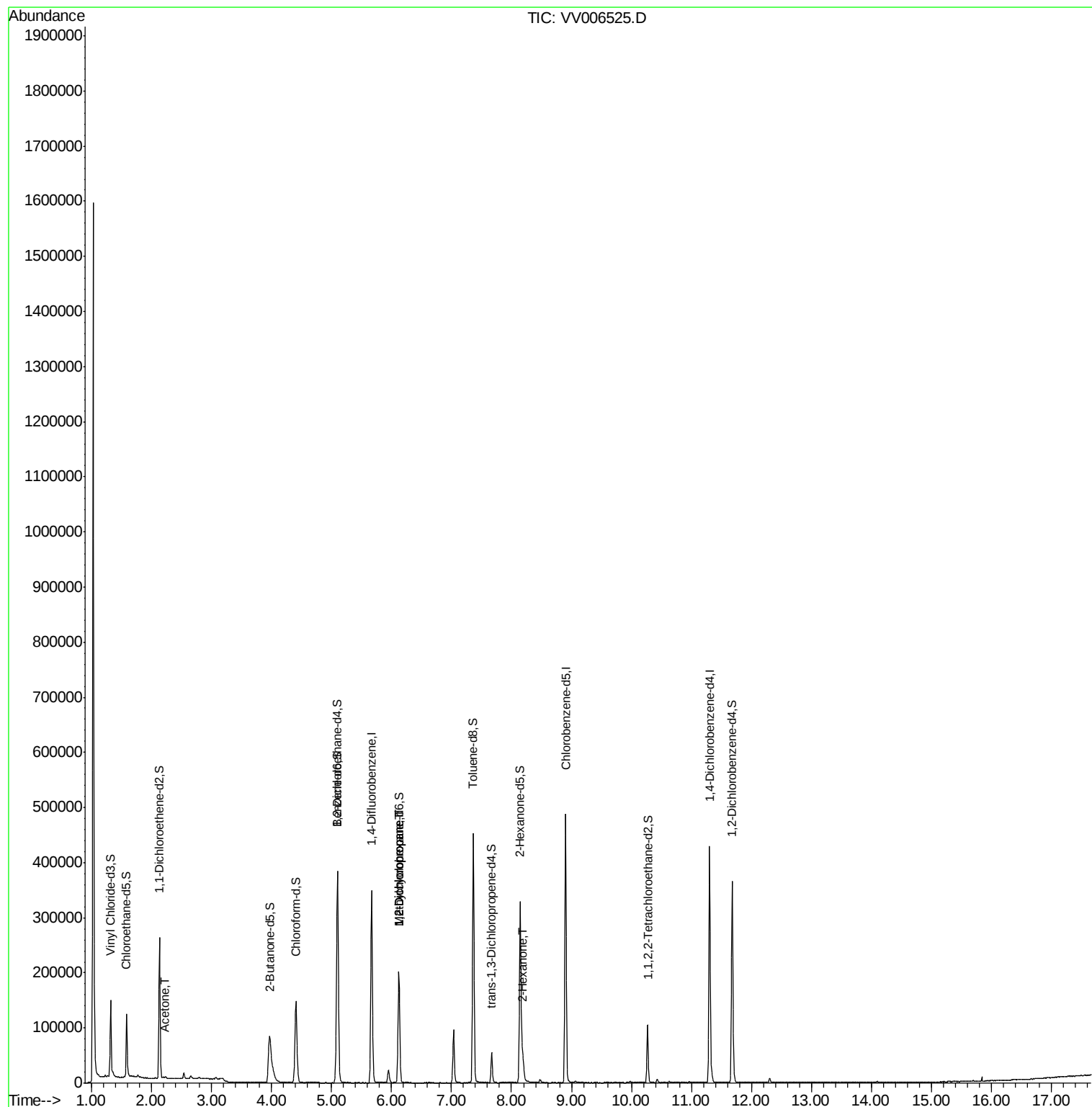
|                         |      |    |       |              | Qvalue |
|-------------------------|------|----|-------|--------------|--------|
| 13) Acetone             | 2.22 | 43 | 1402  | 0.594 ug/L   | 90     |
| 35) Methylcyclohexane   | 6.12 | 83 | 24631 | 0.708 ug/L # | 20     |
| 37) 1,2-Dichloropropane | 6.12 | 63 | 10327 | 0.505 ug/L # | 85     |
| 48) 2-Hexanone          | 8.19 | 43 | 27352 | 3.824 ug/L # | 79     |

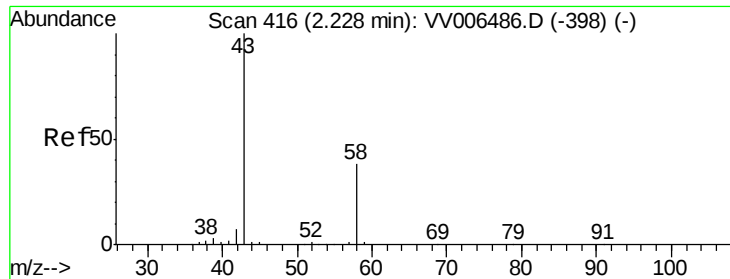
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 0.594 ug/L

RT: 2.22 min Scan# 413

Delta R.T. -0.02 min

Lab File: VV006525.D

Acq: 02 Jul 2018 12:57

Instrument :

MSVOA\_V

ClientSampleId :

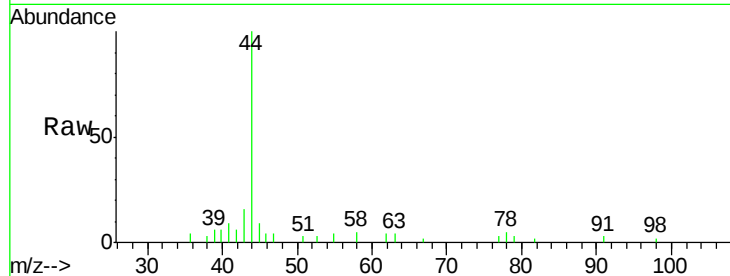
VHBLK01

Tgt Ion: 43 Resp: 1402

Ion Ratio Lower Upper

43 100

58 44.9 0.0 77.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.22

800

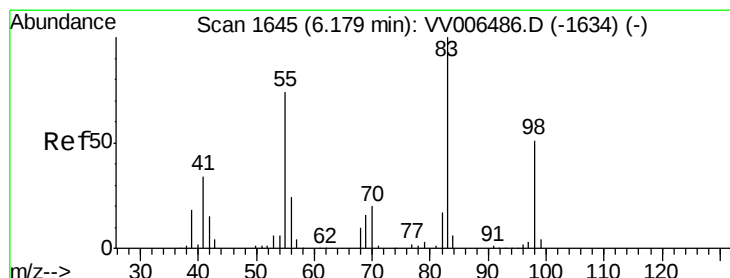
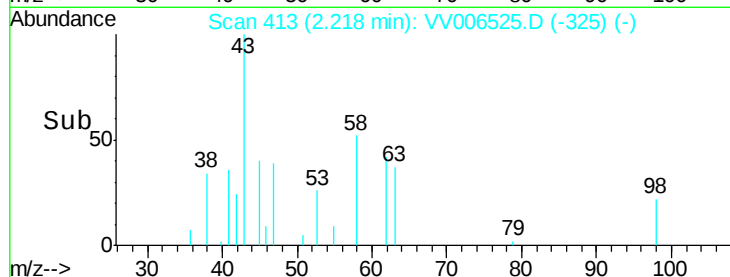
600

400

200

0

Time-->



#35

Methylcyclohexane

Concen: 0.708 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006525.D

Acq: 02 Jul 2018 12:57

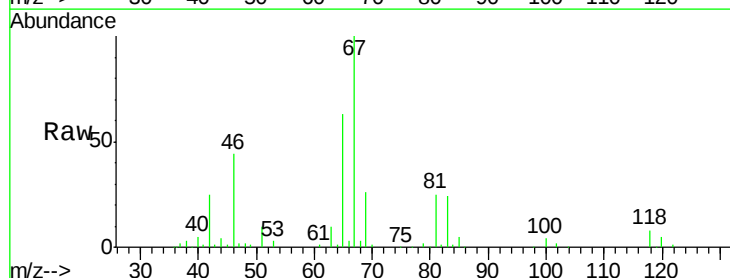
Tgt Ion: 83 Resp: 24631

Ion Ratio Lower Upper

83 100

55 0.2 57.5 86.3#

98 0.2 39.6 59.4#



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

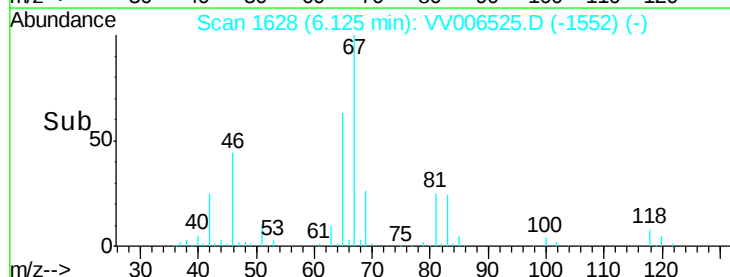
15000

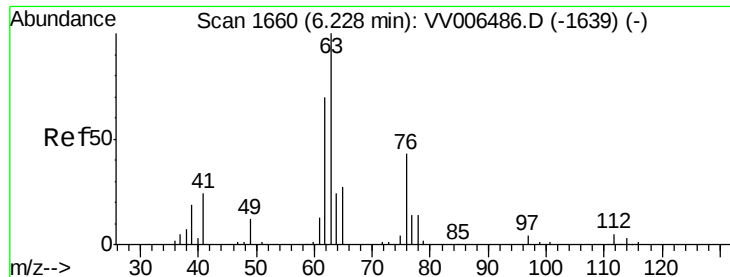
10000

5000

0

Time-->





#37

1,2-Dichloropropane

Concen: 0.505 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VV006525.D

Acq: 02 Jul 2018 12:57

Instrument :

MSVOA\_V

ClientSampleId :

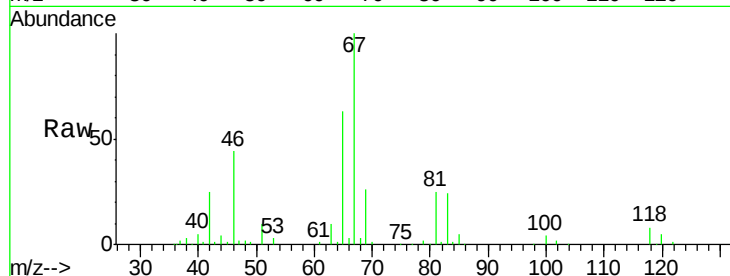
VHBLK01

Tgt Ion: 63 Resp: 10327

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#

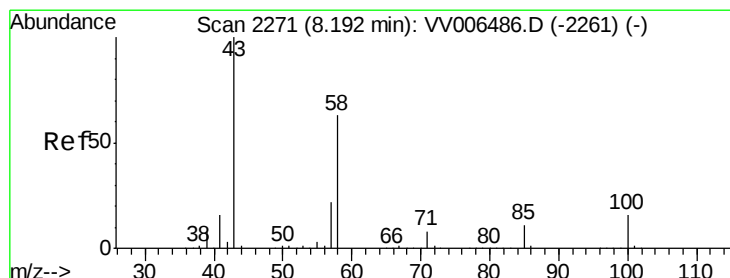
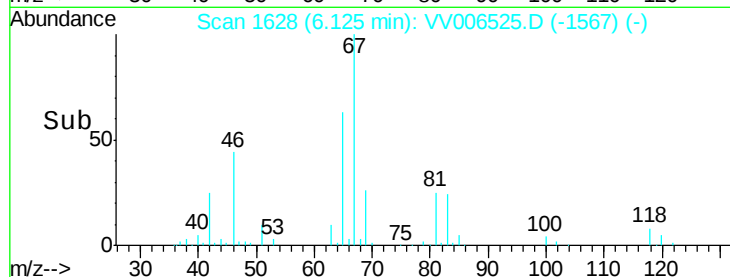


Abundance Ion 63.10 (62.80 to 63.80): VV006486.D (-1639) (-)

Ion 112.10 (111.80 to 112.80): VV006486.D (-1639) (-)

6.12

Time-->



#48

2-Hexanone

Concen: 3.824 ug/L

RT: 8.19 min Scan# 2270

Delta R.T. -0.00 min

Lab File: VV006525.D

Acq: 02 Jul 2018 12:57

Tgt Ion: 43 Resp: 27352

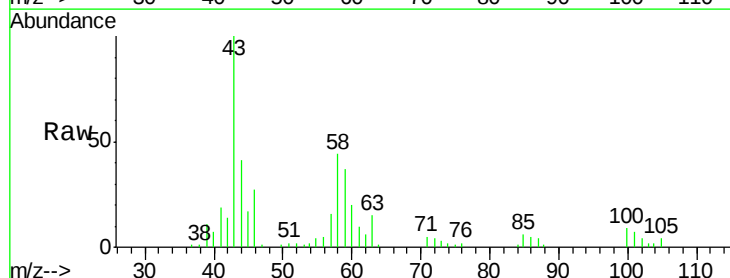
Ion Ratio Lower Upper

43 100

58 44.0 49.9 74.9#

57 15.3 17.3 25.9#

100 7.6 12.5 18.7#



Abundance Ion 43.05 (42.75 to 43.75): VV006486.D (-2261) (-)

Ion 58.05 (57.75 to 58.75): VV006486.D (-2261) (-)

Ion 57.20 (56.90 to 57.90): VV006486.D (-2261) (-)

Ion 100.15 (99.85 to 100.85): VV006486.D (-2261) (-)

8.19

Time-->

