

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV082118\  
 Data File : VV007106.D  
 Acq On : 21 Aug 2018 17:30  
 Operator : SY/MD  
 Sample : VV0821WBL01  
 Misc : 25.0 mL/MSVOA\_V/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK65

Quant Time: Aug 22 03:49:12 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR082118WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Aug 22 03:46:37 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 307266   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 292211   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 119090   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 103709   | 4.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 96.60%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 86855    | 4.99     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 99.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 137581   | 3.53     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 70.60%  |
| 20) 2-Butanone-d5              | 3.97   | 46    | 251968   | 50.46    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 100.92% |
| 24) Chloroform-d               | 4.41   | 84    | 202643   | 4.68     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 93.60%  |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 101720   | 4.86     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 97.20%  |
| 32) Benzene-d6                 | 5.10   | 84    | 408144   | 4.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 99.20%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 130889   | 4.89     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 97.80%  |
| 41) Toluene-d8                 | 7.37   | 98    | 321326   | 4.40     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 88.00%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 42198    | 4.53     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 90.60%  |
| 46) 2-Hexanone-d5              | 8.15   | 63    | 101998   | 36.78    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 73.56%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 90553    | 4.62     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 92.40%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 111978   | 4.94     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 98.80%  |

## Target Compounds

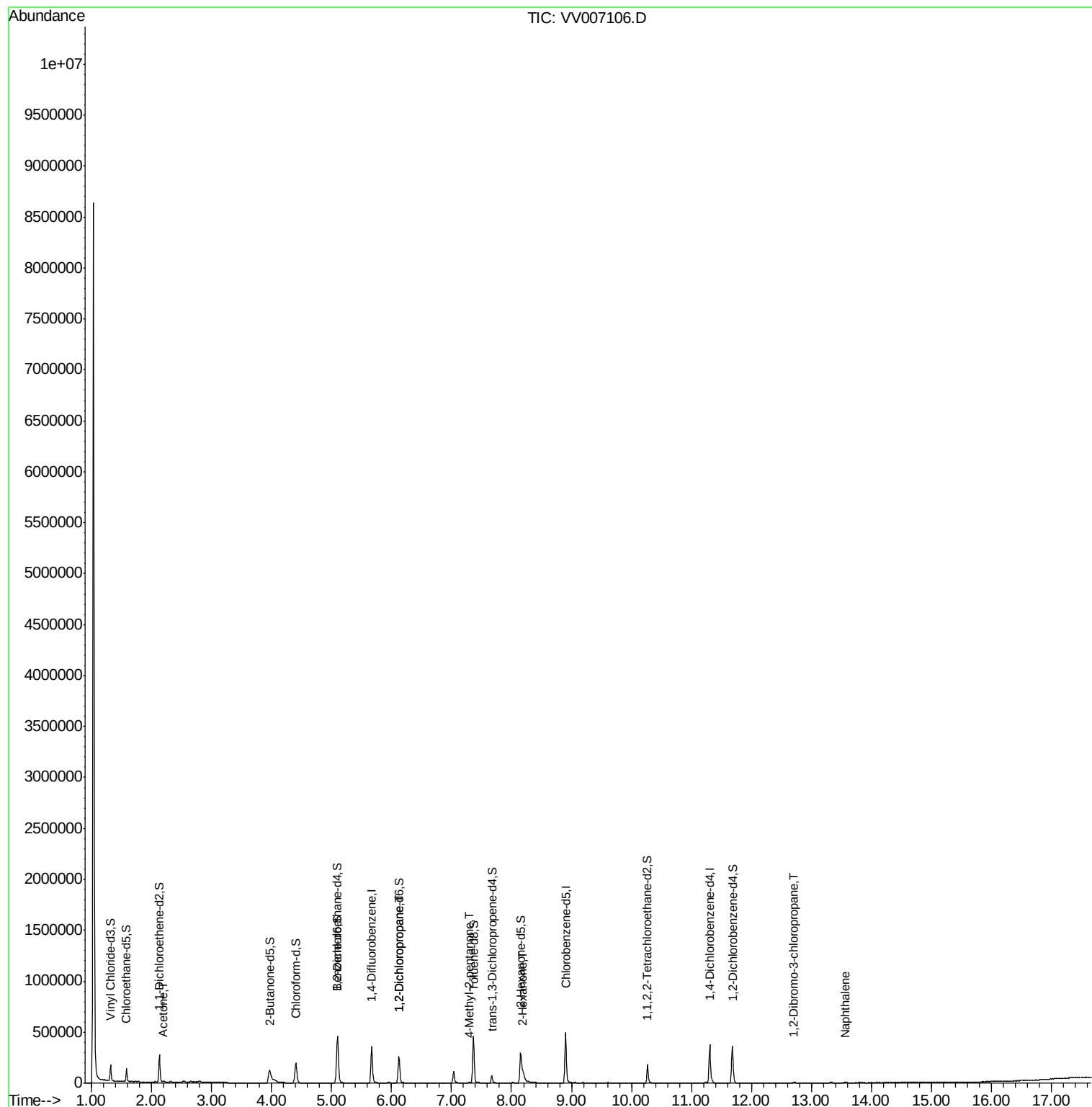
|                                |       |     |       |              | Qvalue |
|--------------------------------|-------|-----|-------|--------------|--------|
| 13) Acetone                    | 2.21  | 43  | 2078  | 0.724 ug/L   | 93     |
| 37) 1,2-Dichloropropane        | 6.12  | 63  | 13828 | 0.531 ug/L # | 86     |
| 40) 4-Methyl-2-pentanone       | 7.30  | 43  | 3092  | 0.244 ug/L # | 84     |
| 48) 2-Hexanone                 | 8.20  | 43  | 37093 | 3.891 ug/L   | 90     |
| 66) 1,2-Dibromo-3-chloropropan | 12.70 | 75  | 584   | 0.264 ug/L # | 5      |
| 69) Naphthalene                | 13.57 | 128 | 6325  | 0.249 ug/L # | 87     |

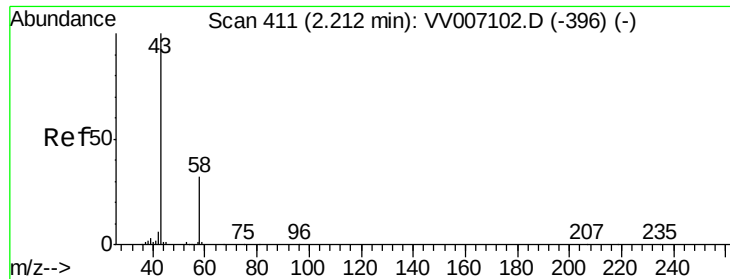
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0  
QLast Update : Wed Aug 22 03:46:37 2018  
Response via : Initial Calibration





#13

Acetone

Concen: 0.724 ug/L

RT: 2.21 min Scan# 409

Delta R.T. -0.01 min

Lab File: VV007106.D

Acq: 21 Aug 2018 17:30

Instrument :

MSVOA\_V

ClientSampleId :

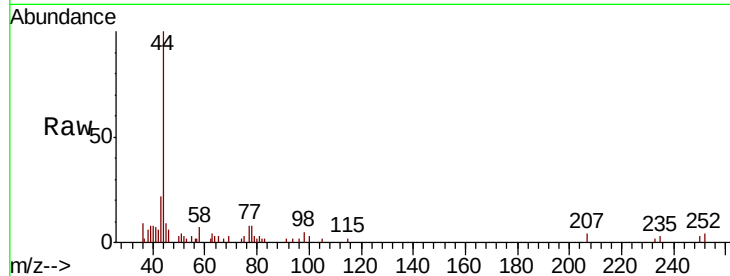
VBLK65

Tgt Ion: 43 Resp: 2078

Ion Ratio Lower Upper

43 100

58 36.9 0.0 82.2



Abundance Ion 43.05 (42.75 to 43.75): VV007102.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VV007102.D (-396) (-)

2.21

1500

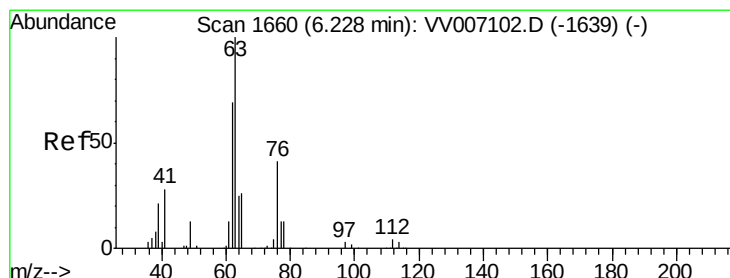
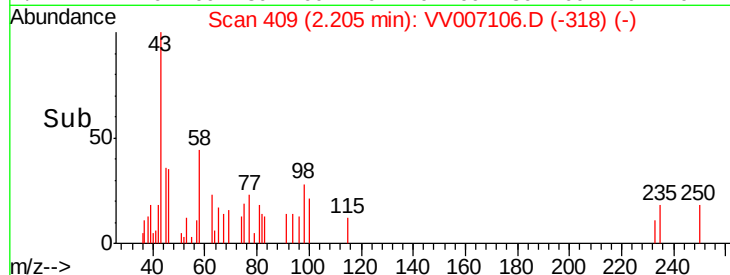
1000

500

0

Time-->

2.15 2.20 2.25



#37

1,2-Dichloropropane

Concen: 0.531 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VV007106.D

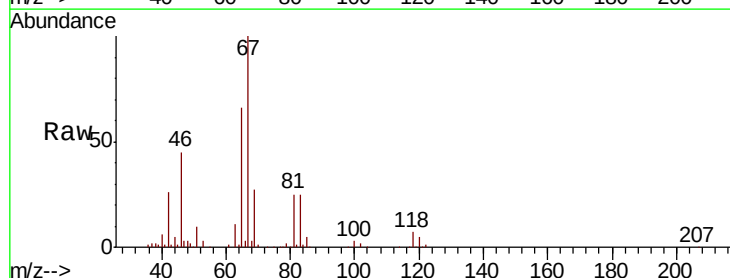
Acq: 21 Aug 2018 17:30

Tgt Ion: 63 Resp: 13828

Ion Ratio Lower Upper

63 100

112 0.1 3.8 5.8#



Abundance Ion 63.10 (62.80 to 63.80): VV007102.D (-1639) (-)

Ion 112.10 (111.80 to 112.80): VV007102.D (-1639) (-)

6.12

8000

6000

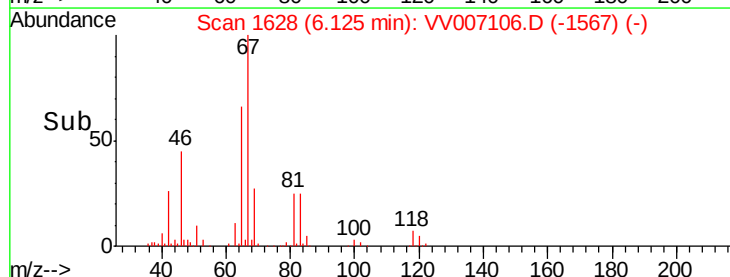
4000

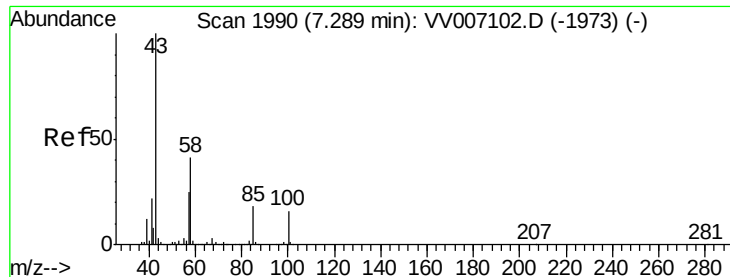
2000

0

Time-->

6.05 6.10 6.15 6.20

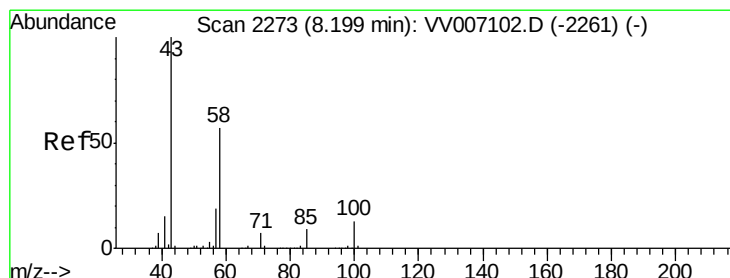
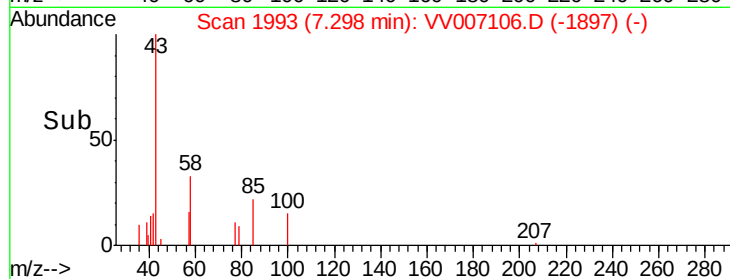
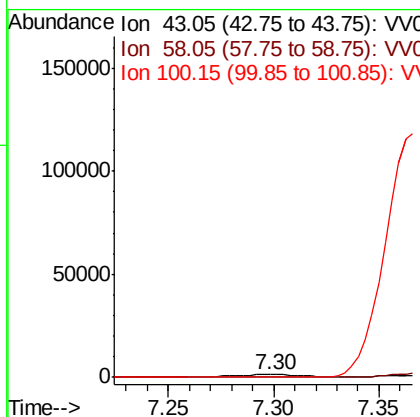
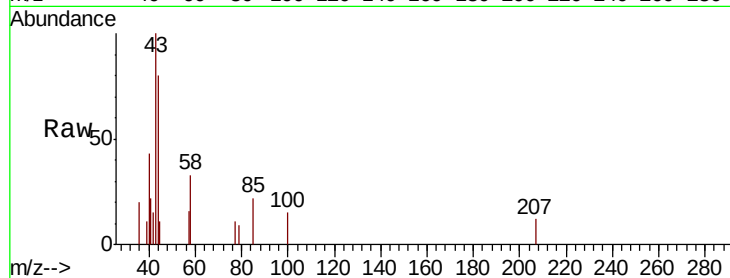




#40  
 4-Methyl-2-pentanone  
 Concen: 0.244 ug/L  
 RT: 7.30 min Scan# 1993  
 Delta R.T. 0.01 min  
 Lab File: VV007106.D  
 Acq: 21 Aug 2018 17:30

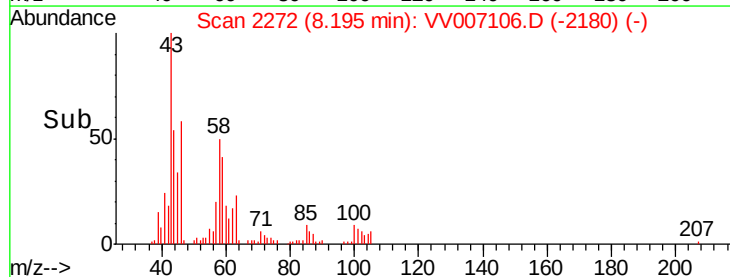
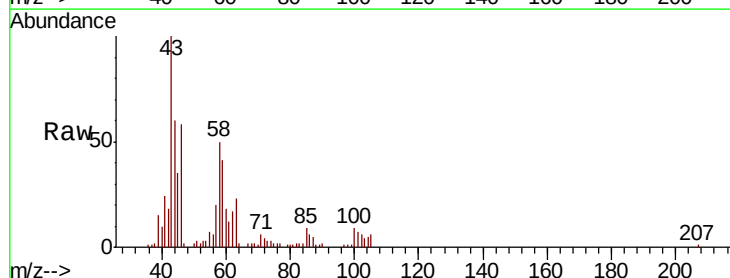
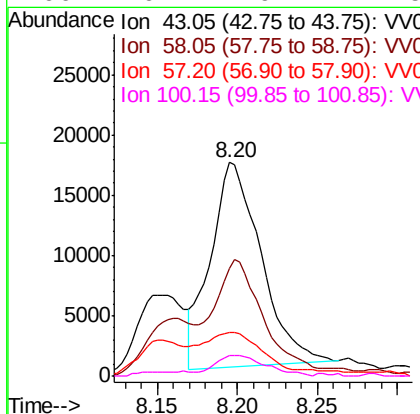
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK65

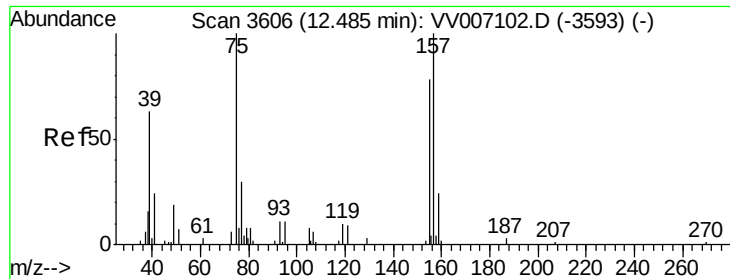
Tgt Ion: 43 Resp: 3092  
 Ion Ratio Lower Upper  
 43 100  
 58 35.6 32.2 48.4  
 100 0.0 12.3 18.5#



#48  
 2-Hexanone  
 Concen: 3.891 ug/L  
 RT: 8.20 min Scan# 2272  
 Delta R.T. -0.00 min  
 Lab File: VV007106.D  
 Acq: 21 Aug 2018 17:30

Tgt Ion: 43 Resp: 37093  
 Ion Ratio Lower Upper  
 43 100  
 58 49.9 47.7 71.5  
 57 20.4 15.4 23.0  
 100 10.2 9.7 14.5

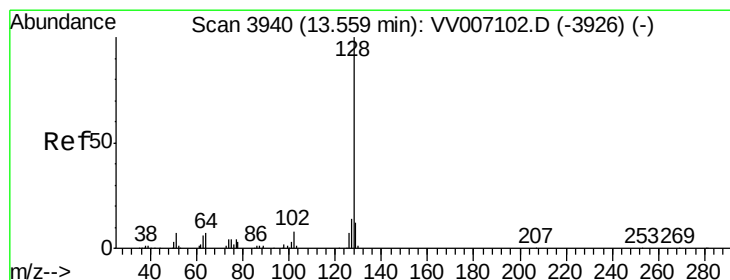
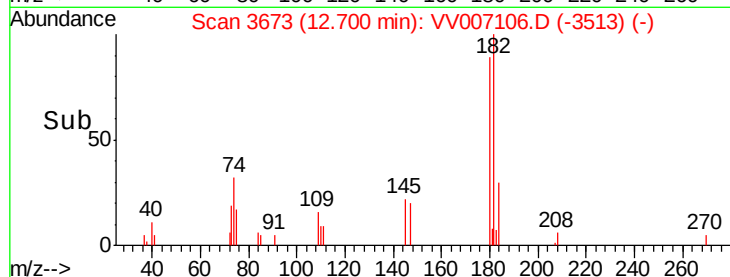
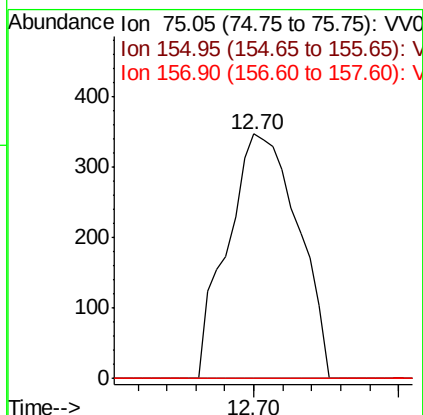
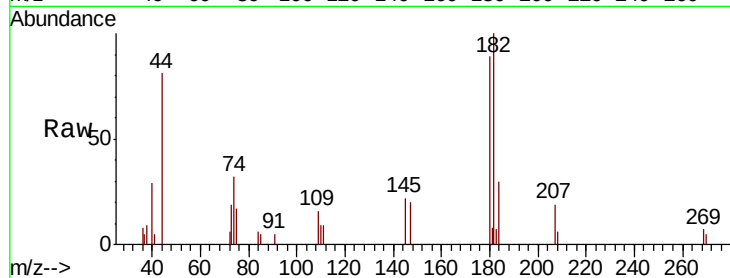




#66  
 1,2-Dibromo-3-chloropropane  
 Concen: 0.264 ug/L  
 RT: 12.70 min Scan# 3673  
 Delta R.T. 0.22 min  
 Lab File: VV007106.D  
 Acq: 21 Aug 2018 17:30

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK65

Tgt Ion: 75 Resp: 584  
 Ion Ratio Lower Upper  
 75 100  
 155 0.0 62.7 94.1#  
 157 0.0 79.7 119.5#



#69  
 Naphthalene  
 Concen: 0.249 ug/L  
 RT: 13.57 min Scan# 3943  
 Delta R.T. 0.01 min  
 Lab File: VV007106.D  
 Acq: 21 Aug 2018 17:30

Tgt Ion: 128 Resp: 6325  
 Ion Ratio Lower Upper  
 128 100  
 129 3.3 8.5 12.7#  
 127 16.4 10.8 16.2#

