

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV071218\  
 Data File : VV006585.D  
 Acq On : 12 Jul 2018 14:56  
 Operator : SY/MD  
 Sample : J3919-11  
 Misc : 25 mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AE6

Quant Time: Jul 13 01:47:34 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR070718WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Jul 13 01:47:22 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 354888   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 321604   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 143714   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 61580    | 3.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 63.80%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 60285    | 3.58     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 71.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 85398    | 2.38     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 47.60%# |
| 20) 2-Butanone-d5              | 3.95   | 46    | 179780   | 36.68    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 73.36%  |
| 24) Chloroform-d               | 4.41   | 84    | 138755   | 3.66     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 73.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 65594    | 3.72     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 74.40%  |
| 32) Benzene-d6                 | 5.10   | 84    | 279309   | 3.81     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 76.20%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 91336    | 3.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 76.80%  |
| 41) Toluene-d8                 | 7.36   | 98    | 239037   | 3.65     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 73.00%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 27491    | 3.41     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 68.20%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 158678   | 38.93    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 77.86%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 66142    | 3.53     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 70.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 98083    | 3.97     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 79.40%# |

## Target Compounds

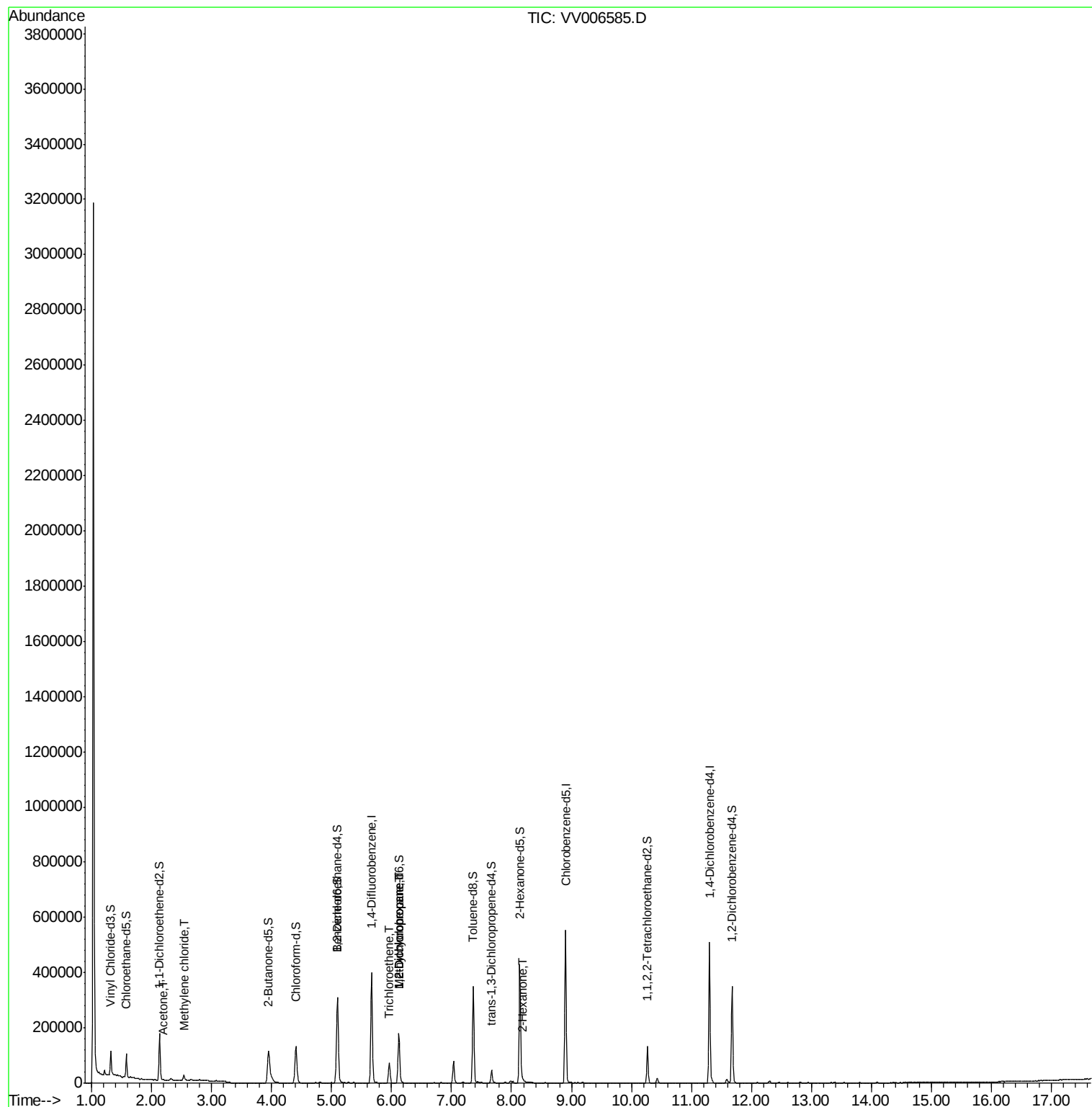
|                         |      |    |       |              | Qvalue |
|-------------------------|------|----|-------|--------------|--------|
| 13) Acetone             | 2.20 | 43 | 2258  | 0.728 ug/L   | 92     |
| 16) Methylene chloride  | 2.54 | 84 | 6786  | 0.271 ug/L   | 98     |
| 34) Trichloroethene     | 5.96 | 95 | 25063 | 1.018 ug/L   | 96     |
| 35) Methylcyclohexane   | 6.12 | 83 | 22630 | 0.571 ug/L # | 20     |
| 37) 1,2-Dichloropropane | 6.12 | 63 | 9104  | 0.388 ug/L # | 86     |
| 48) 2-Hexanone          | 8.19 | 43 | 2246  | 0.266 ug/L # | 1      |

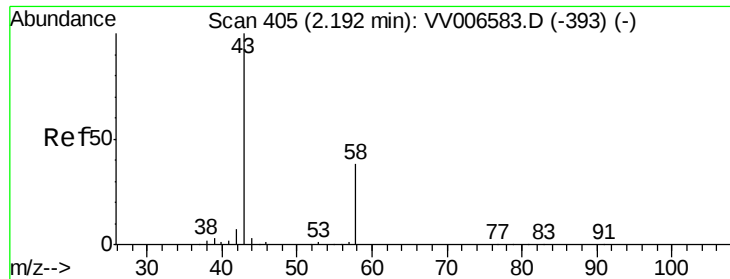
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 13 01:47:22 2018  
Response via : Initial Calibration





#13

Acetone

Concen: 0.728 ug/L

RT: 2.20 min Scan# 407

Delta R.T. 0.01 min

Lab File: VV006585.D

Acq: 12 Jul 2018 14:56

Instrument :

MSVOA\_V

ClientSampleId :

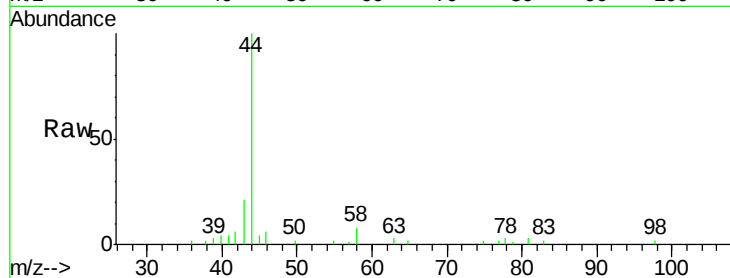
C0AE6

Tgt Ion: 43 Resp: 2258

Ion Ratio Lower Upper

43 100

58 43.2 0.0 76.2



Abundance Ion 43.05 (42.75 to 43.75): VV006585.D (-312) (-)

Ion 58.05 (57.75 to 58.75): VV006585.D (-312) (-)

2.20

1500

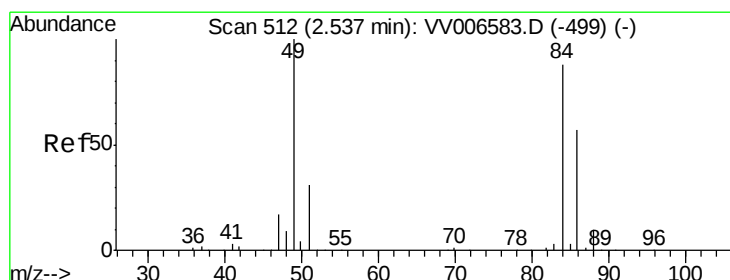
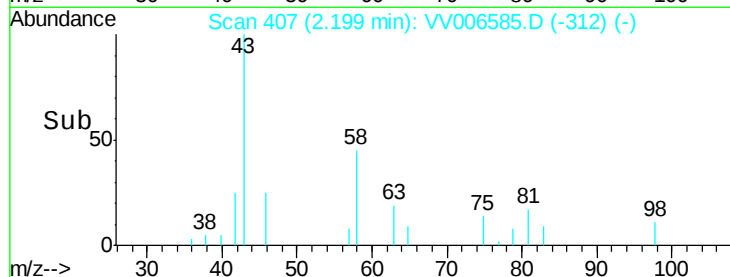
1000

500

0

2.15 2.20 2.25

Time-->



#16

Methylene chloride

Concen: 0.271 ug/L

RT: 2.54 min Scan# 514

Delta R.T. 0.01 min

Lab File: VV006585.D

Acq: 12 Jul 2018 14:56

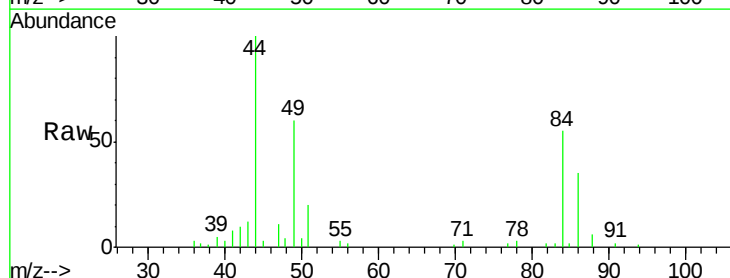
Tgt Ion: 84 Resp: 6786

Ion Ratio Lower Upper

84 100

86 63.4 44.7 82.9

49 108.8 78.7 146.1



Abundance Ion 84.05 (83.75 to 84.75): VV006585.D (-419) (-)

Ion 86.00 (85.70 to 86.70): VV006585.D (-419) (-)

Ion 49.10 (48.80 to 49.80): VV006585.D (-419) (-)

2.54

6000

5000

4000

3000

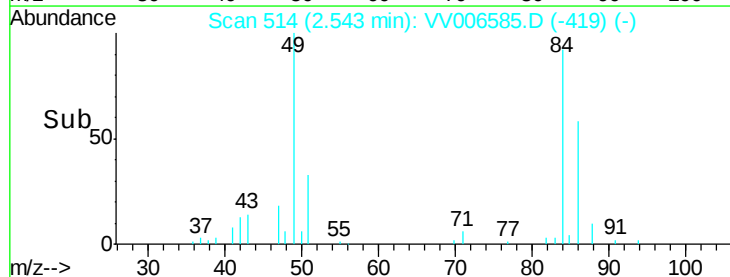
2000

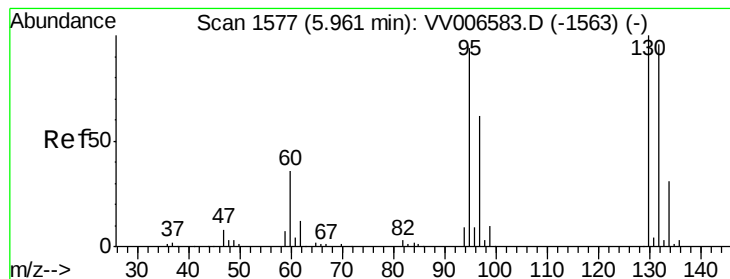
1000

0

2.50 2.55 2.60

Time-->





#34

Trichloroethene

Concen: 1.018 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006585.D

Acq: 12 Jul 2018 14:56

Instrument :

MSVOA\_V

ClientSampleId :

C0AE6

Tgt Ion: 95 Resp: 25063

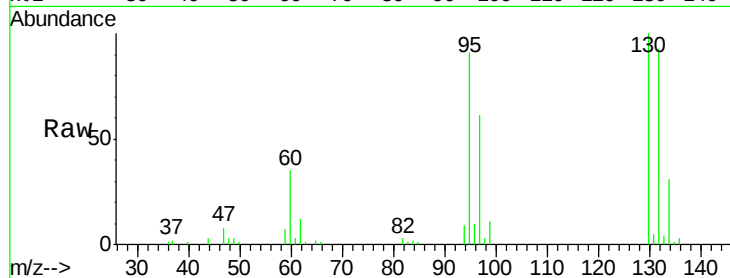
Ion Ratio Lower Upper

95 100

97 66.8 44.3 82.3

132 102.8 70.0 130.0

130 110.0 72.7 134.9

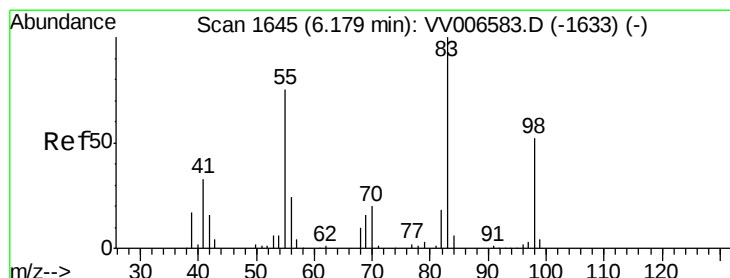
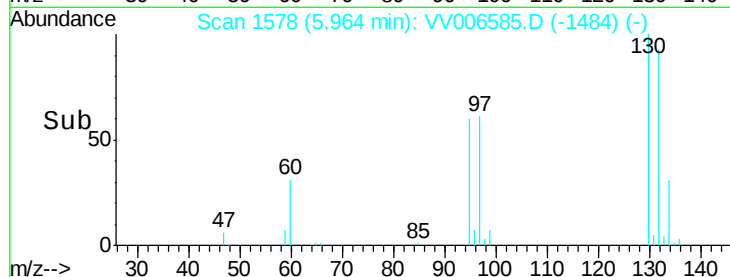
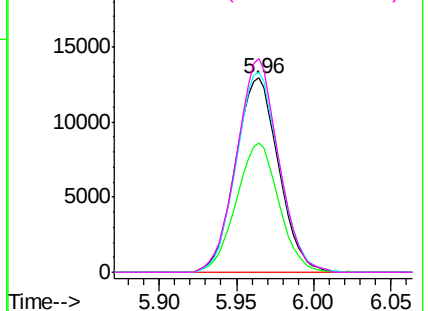


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.571 ug/L

RT: 6.12 min Scan# 1627

Delta R.T. -0.06 min

Lab File: VV006585.D

Acq: 12 Jul 2018 14:56

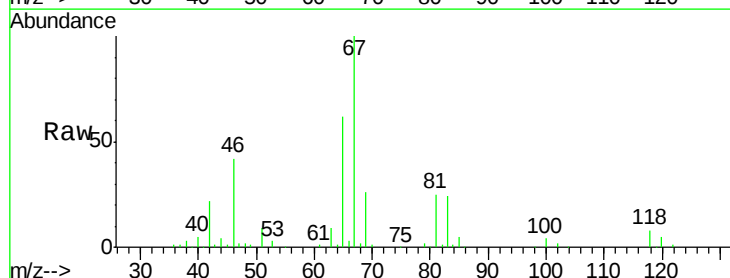
Tgt Ion: 83 Resp: 22630

Ion Ratio Lower Upper

83 100

55 0.3 58.3 87.5#

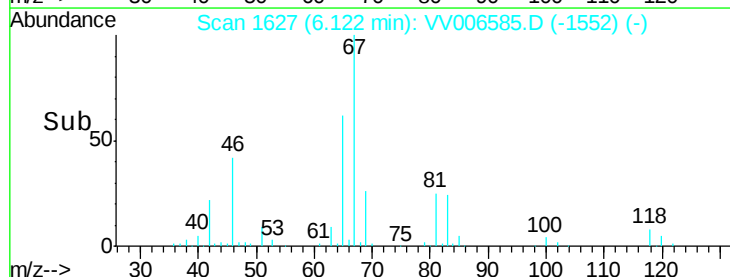
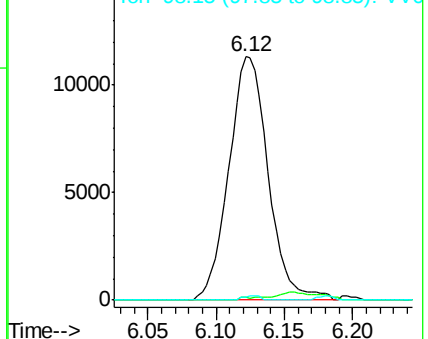
98 0.8 39.3 58.9#

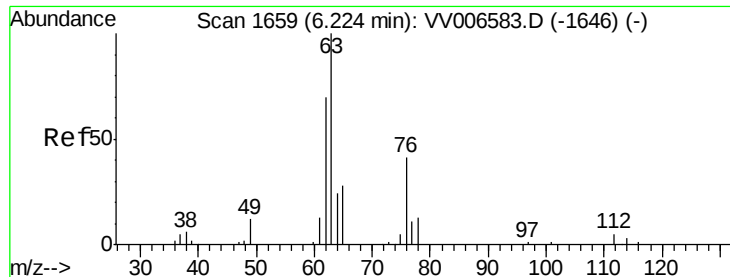


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

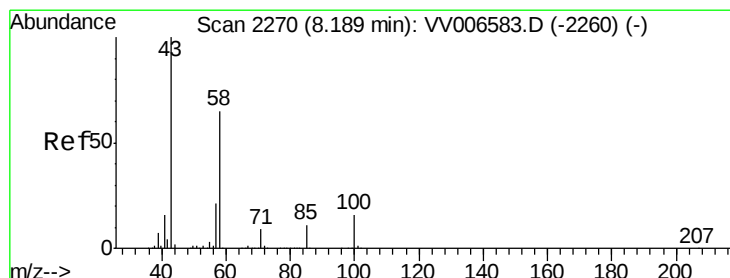
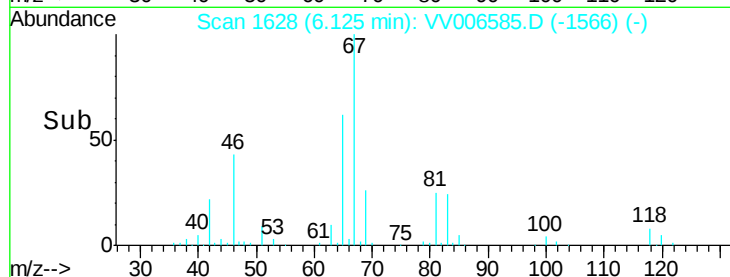
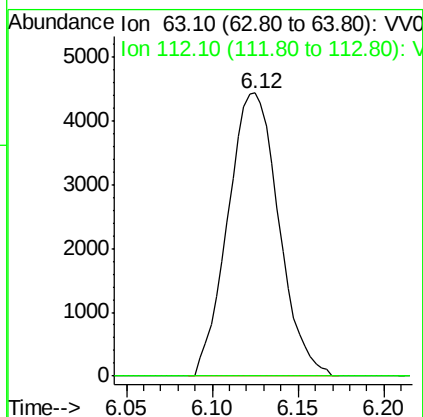
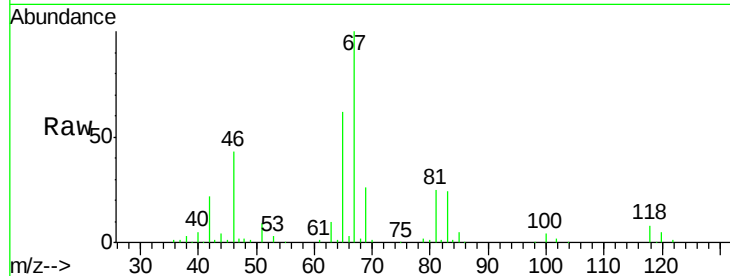




#37  
 1,2-Dichloropropane  
 Concen: 0.388 ug/L  
 RT: 6.12 min Scan# 1628  
 Delta R.T. -0.10 min  
 Lab File: VV006585.D  
 Acq: 12 Jul 2018 14:56

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AE6

Tgt Ion: 63 Resp: 9104  
 Ion Ratio Lower Upper  
 63 100  
 112 0.0 3.8 5.6#



#48  
 2-Hexanone  
 Concen: 0.266 ug/L  
 RT: 8.19 min Scan# 2270  
 Delta R.T. 0.00 min  
 Lab File: VV006585.D  
 Acq: 12 Jul 2018 14:56

Tgt Ion: 43 Resp: 2246  
 Ion Ratio Lower Upper  
 43 100  
 58 273.4 50.3 75.5#  
 57 9.9 17.0 25.4#  
 100 7.0 12.3 18.5#

