

Data File : VV007634.D  
Acq On : 19 Sep 2018 06:01  
Operator : SY/MD  
Sample : J4874-12  
Misc : 25.0 mL/MSVOA\_V/WATER  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
A3ZD1

Quant Time: Sep 19 08:40:42 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR091818WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Wed Sep 19 04:15:09 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 105234   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 97978    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 52108    | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 23551    | 4.69     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 93.80%   |
| 7) Chloroethane-d5             | 1.58   | 69    | 21260    | 4.73     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 94.60%   |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 41616    | 3.43     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 68.60%   |
| 20) 2-Butanone-d5              | 3.96   | 46    | 51896    | 75.03    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 150.06%# |
| 24) Chloroform-d               | 4.41   | 84    | 48887    | 4.61     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 92.20%   |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 26422    | 5.09     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 101.80%  |
| 32) Benzene-d6                 | 5.10   | 84    | 100581   | 4.91     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 98.20%   |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 28955    | 4.86     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 97.20%   |
| 41) Toluene-d8                 | 7.36   | 98    | 101198   | 4.68     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 93.60%   |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 10451    | 3.95     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 79.00%   |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 25968    | 55.39    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 110.78%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 17561    | 4.25     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 85.00%   |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 43361    | 4.75     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 95.00%   |

#### Target Compounds

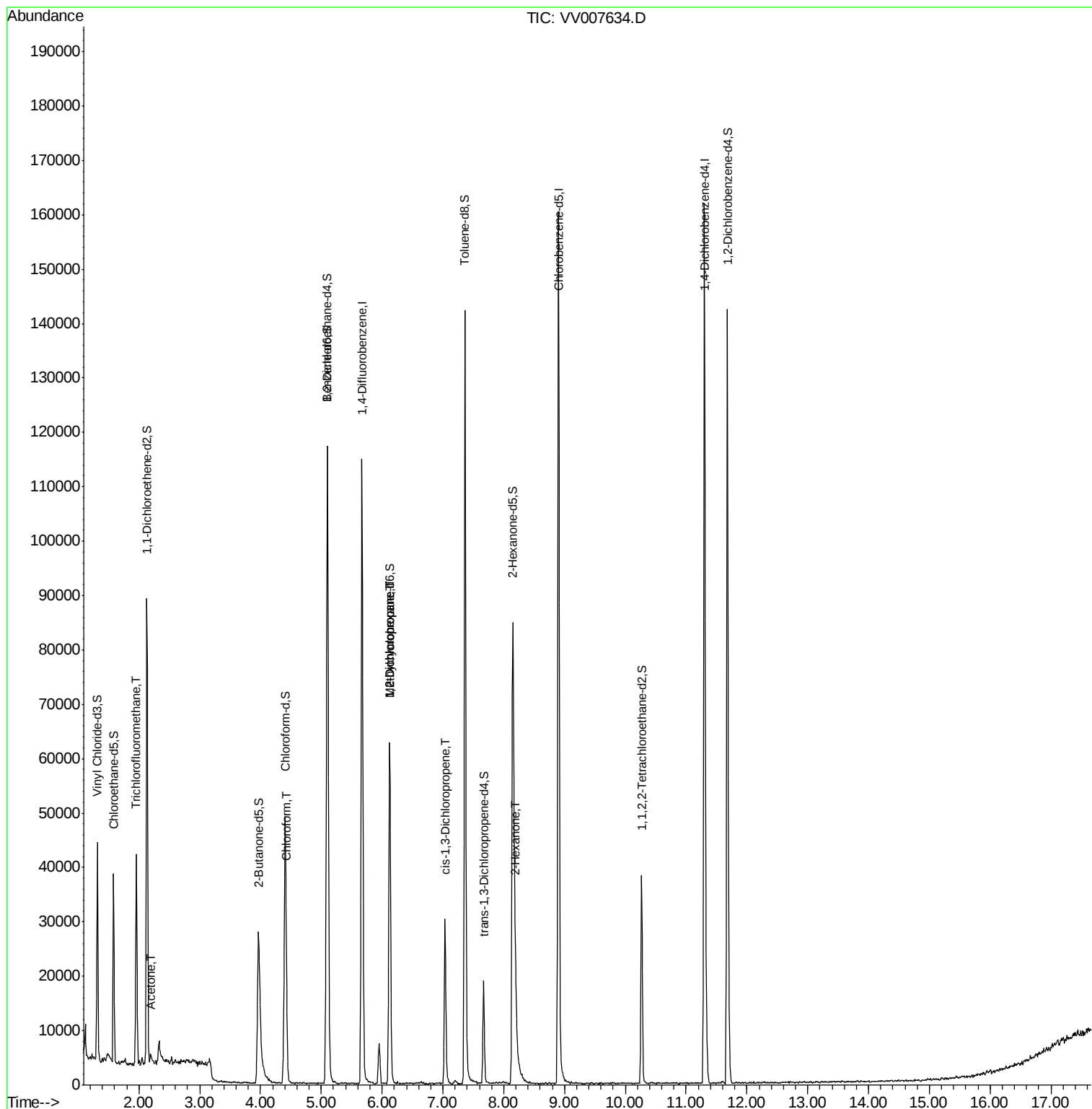
|                             |      |     |      |              | Qvalue |
|-----------------------------|------|-----|------|--------------|--------|
| 9) Trichlorofluoromethane   | 1.96 | 101 | 2157 | 0.148 ug/L   | 99     |
| 13) Acetone                 | 2.21 | 43  | 1118 | 1.898 ug/L   | 98     |
| 25) Chloroform              | 4.43 | 83  | 1709 | 0.141 ug/L   | 92     |
| 35) Methylcyclohexane       | 6.12 | 83  | 7297 | 0.602 ug/L # | 25     |
| 37) 1,2-Dichloropropane     | 6.13 | 63  | 3684 | 0.645 ug/L # | 86     |
| 39) cis-1,3-Dichloropropene | 7.03 | 75  | 865  | 0.092 ug/L # | 67     |
| 48) 2-Hexanone              | 8.20 | 43  | 7750 | 3.007 ug/L # | 88     |

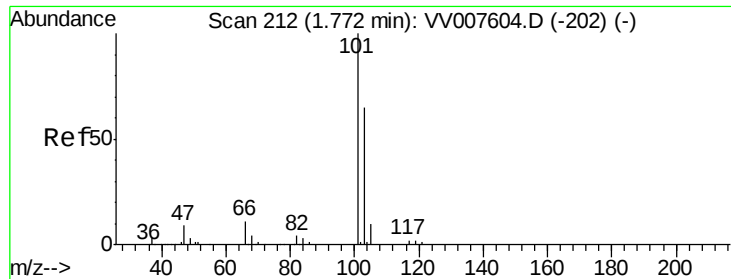
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 0.148 ug/L

RT: 1.96 min Scan# 270

Delta R.T. 0.19 min

Lab File: VV007634.D

Acq: 19 Sep 2018 06:01

Instrument :

MSVOA\_V

ClientSampleId :

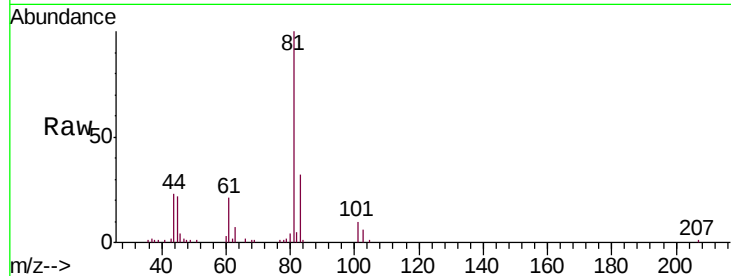
A3ZD1

Tgt Ion: 101 Resp: 2157

Ion Ratio Lower Upper

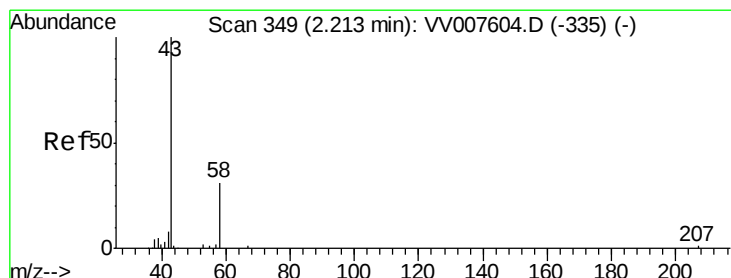
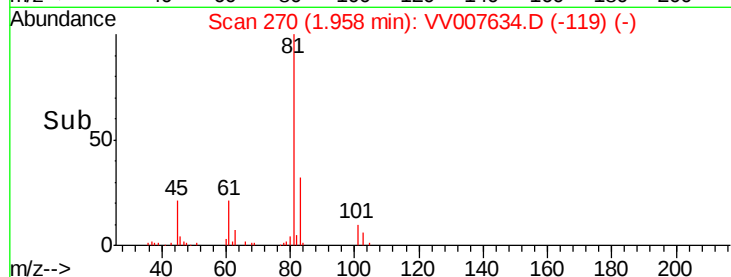
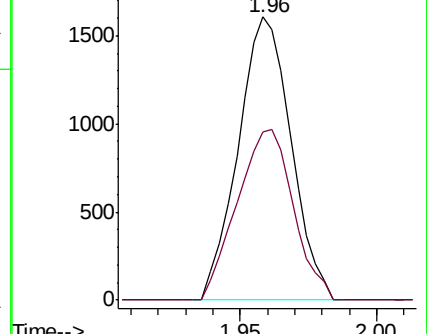
101 100

103 64.1 52.2 78.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Acetone

Concen: 1.898 ug/L

RT: 2.21 min Scan# 347

Delta R.T. 0.00 min

Lab File: VV007634.D

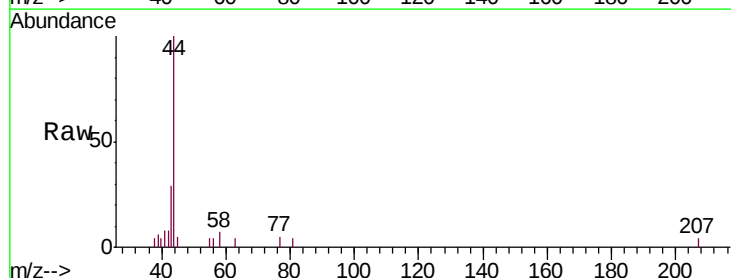
Acq: 19 Sep 2018 06:01

Tgt Ion: 43 Resp: 1118

Ion Ratio Lower Upper

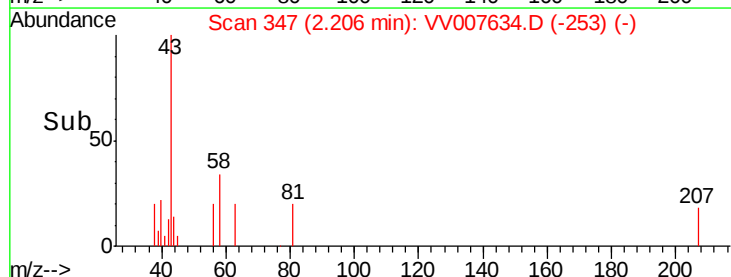
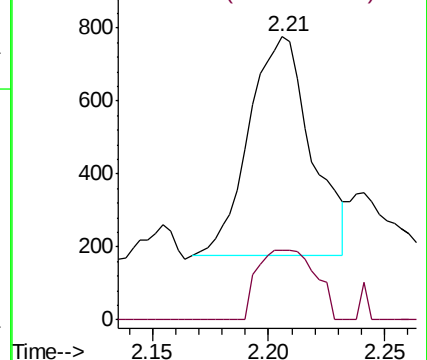
43 100

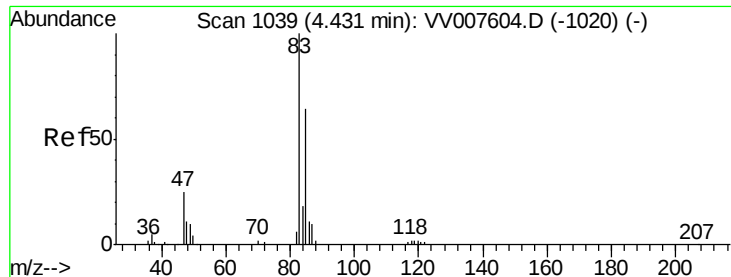
58 29.9 0.0 57.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#25

Chloroform

Concen: 0.141 ug/L

RT: 4.43 min Scan# 1039

Delta R.T. -0.00 min

Lab File: VV007634.D

Acq: 19 Sep 2018 06:01

Instrument :

MSVOA\_V

ClientSampleId :

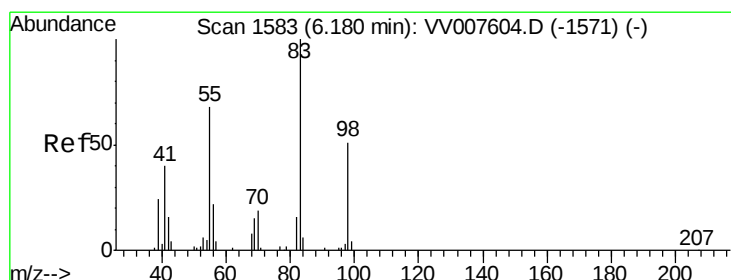
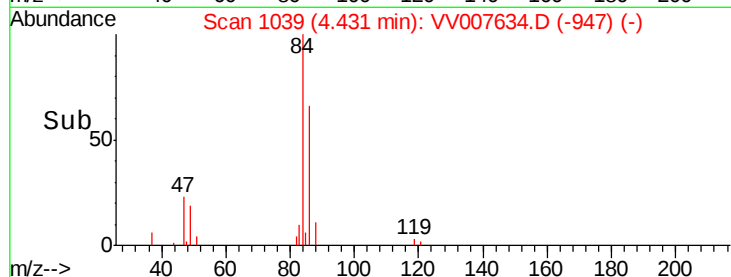
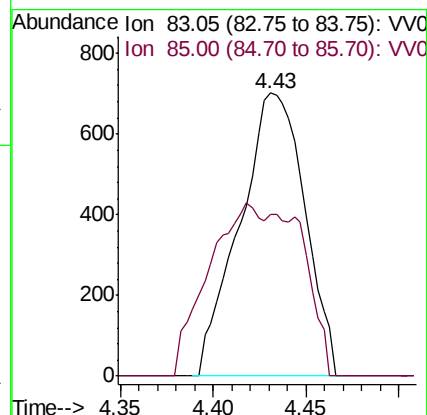
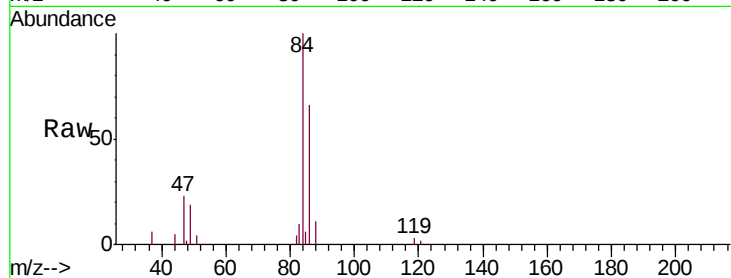
A3ZD1

Tgt Ion: 83 Resp: 1709

Ion Ratio Lower Upper

83 100

85 57.0 44.5 82.7



#35

Methylcyclohexane

Concen: 0.602 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.06 min

Lab File: VV007634.D

Acq: 19 Sep 2018 06:01

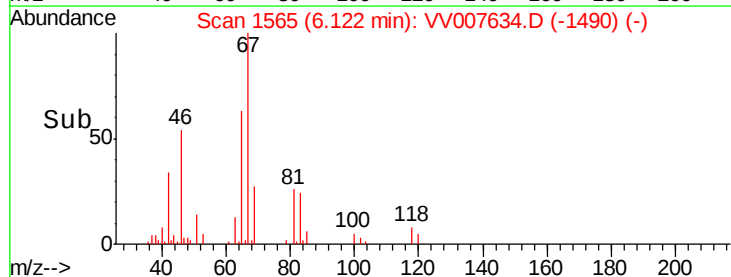
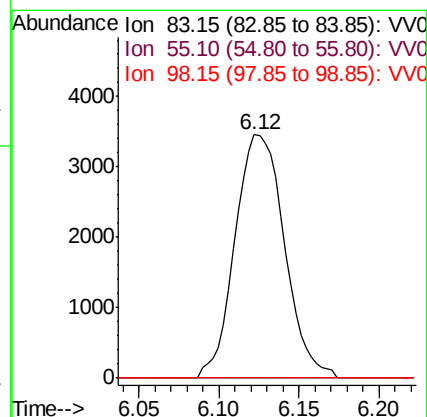
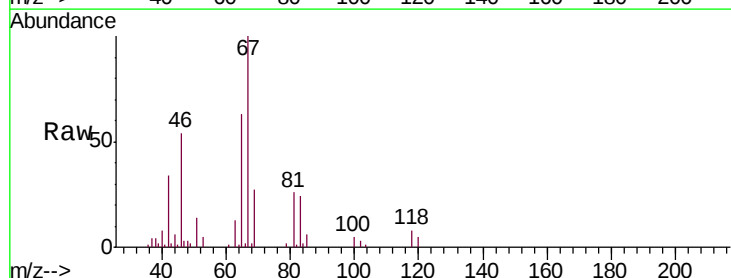
Tgt Ion: 83 Resp: 7297

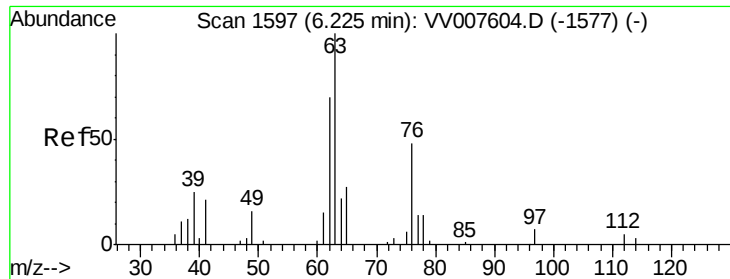
Ion Ratio Lower Upper

83 100

55 0.0 54.6 82.0#

98 6.5 39.8 59.6#





#37

1,2-Dichloropropane

Concen: 0.645 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV007634.D

Acq: 19 Sep 2018 06:01

Instrument :

MSVOA\_V

ClientSampled :

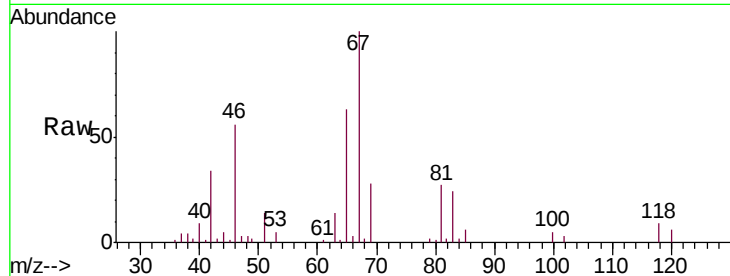
A3ZD1

Tgt Ion: 63 Resp: 3684

Ion Ratio Lower Upper

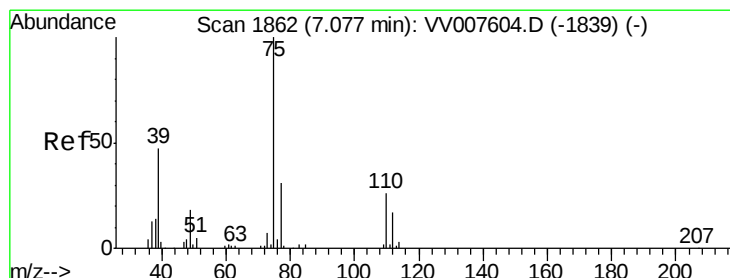
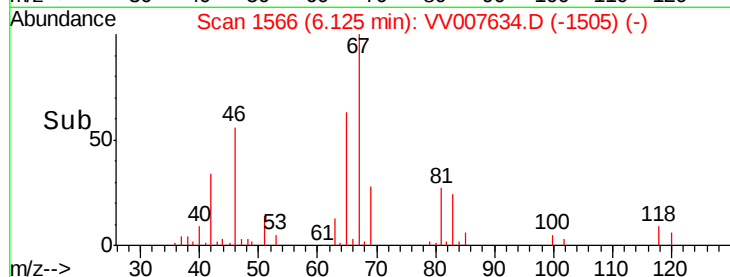
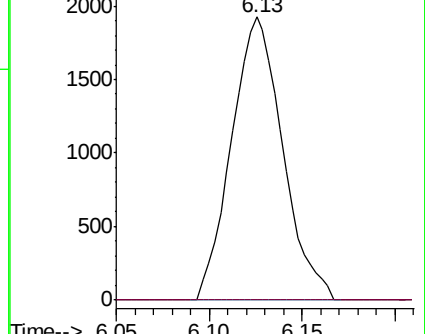
63 100

112 0.0 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VV007604.D (-1577) (-)

Ion 112.10 (111.80 to 112.80): VV007604.D (-1577) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.05 min

Lab File: VV007634.D

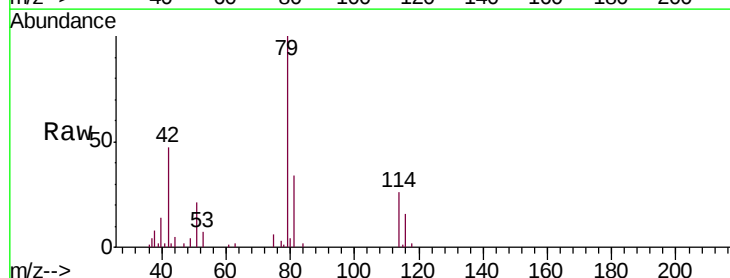
Acq: 19 Sep 2018 06:01

Tgt Ion: 75 Resp: 865

Ion Ratio Lower Upper

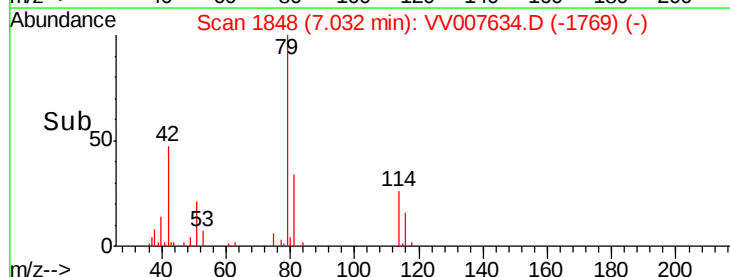
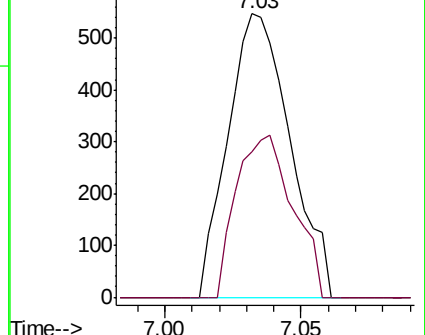
75 100

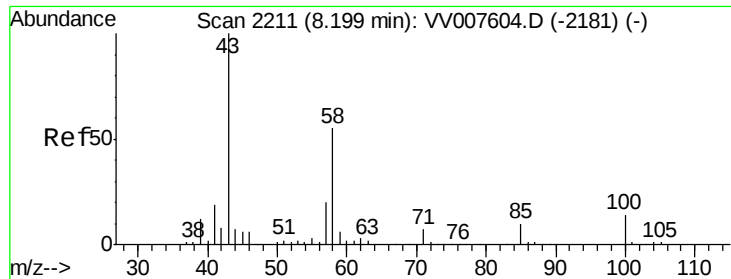
77 51.4 23.0 42.8#



Abundance Ion 75.05 (74.75 to 75.75): VV007604.D (-1839) (-)

Ion 77.05 (76.75 to 77.75): VV007604.D (-1839) (-)





#48

2-Hexanone

Concen: 3.007 ug/L

RT: 8.20 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VV007634.D

Acq: 19 Sep 2018 06:01

Instrument :  
MSVOA\_V  
ClientSampleId :  
A3ZD1

Tgt Ion: 43 Resp: 7750

Ion Ratio Lower Upper

43 100

58 49.5 45.5 68.3

57 13.9 16.3 24.5#

100 5.7 10.7 16.1#

