

Data File : VW009929.D  
Acq On : 11 Apr 2019 23:22  
Operator : SY/VA  
Sample : K2278-17  
Misc : 4.75G/10ML/MSVOA\_W/SOIL  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
DB6Y9

Quant Time: Apr 12 04:39:59 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM040319S.M  
Quant Title : VOC Analysis  
QLast Update : Fri Apr 12 04:36:14 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 1145     | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 261      | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 147      | 25.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 420      | 28.03    | ug/L | -0.01    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 112.12%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 751      | 54.71    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 218.84%# |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 1150     | 35.69    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 142.76%# |
| 20) 2-Butanone-d5              | 7.07   | 46    | 73       | 15.01    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 30.02%   |
| 24) Chloroform-d               | 7.65   | 84    | 1608     | 51.47    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 205.88%# |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 392      | 20.44    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 81.76%   |
| 29) Benzene-d6                 | 8.27   | 84    | 1917     | 139.92   | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 559.68%# |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 637      | 150.52   | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 602.08%# |
| 37) Toluene-d8                 | 10.32  | 98    | 526      | 41.52    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 166.08%# |
| 38) trans-1,3-Dichloropropene- | 10.59  | 79    | 27       | 13.38    | ug/L | 0.01     |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 53.52%   |
| 39) 2-Hexanone-d5              | 10.88  | 63    | 46       | 57.67    | ug/L | -0.05    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 115.34%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 176      | 44.73    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 178.92%# |
| 61) 1,2-Dichlorobenzene-d4     | 13.87  | 152   | 84       | 16.28    | ug/L | 0.01     |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 65.12%#  |

#### Target Compounds

|                                |      |     |     |              | Qvalue |
|--------------------------------|------|-----|-----|--------------|--------|
| 2) Dichlorodifluoromethane     | 2.14 | 85  | 45  | 2.984 ug/L # | 1      |
| 3) Chloromethane               | 2.21 | 50  | 96  | 6.159 ug/L # | 43     |
| 5) Vinyl chloride              | 2.40 | 62  | 118 | 5.902 ug/L # | 43     |
| 6) Bromomethane                | 2.83 | 94  | 54  | 3.903 ug/L   | 43     |
| 8) Chloroethane                | 3.00 | 64  | 53  | 4.039 ug/L # | 44     |
| 9) Trichlorofluoromethane      | 2.87 | 101 | 56  | 4.566 ug/L # | 18     |
| 11) 1,1,2-Trichloro-1,2,2-trif | 3.93 | 101 | 45  | 2.821 ug/L # | 23     |
| 12) 1,1-Dichloroethene         | 4.17 | 96  | 55  | 3.617 ug/L # | 1      |
| 13) Acetone                    | 4.13 | 43  | 169 | 32.423 ug/L  | 92     |
| 14) Carbon disulfide           | 4.20 | 76  | 55  | 1.164 ug/L # | 75     |
| 15) Methyl Acetate             | 4.66 | 43  | 44  | 4.630 ug/L # | 54     |
| 16) Methylene chloride         | 4.94 | 84  | 65  | 3.219 ug/L # | 1      |
| 17) Methyl tert-butyl Ether    | 5.46 | 73  | 68  | 3.246 ug/L # | 1      |
| 19) 1,1-Dichloroethane         | 5.99 | 63  | 54  | 1.779 ug/L # | 49     |
| 21) 2-Butanone                 | 7.23 | 43  | 116 | 17.498 ug/L  | 97     |
| 25) Chloroform                 | 7.69 | 83  | 84  | 2.642 ug/L   | 95     |
| 30) Cyclohexane                | 7.93 | 56  | 49  | 7.954 ug/L # | 1      |

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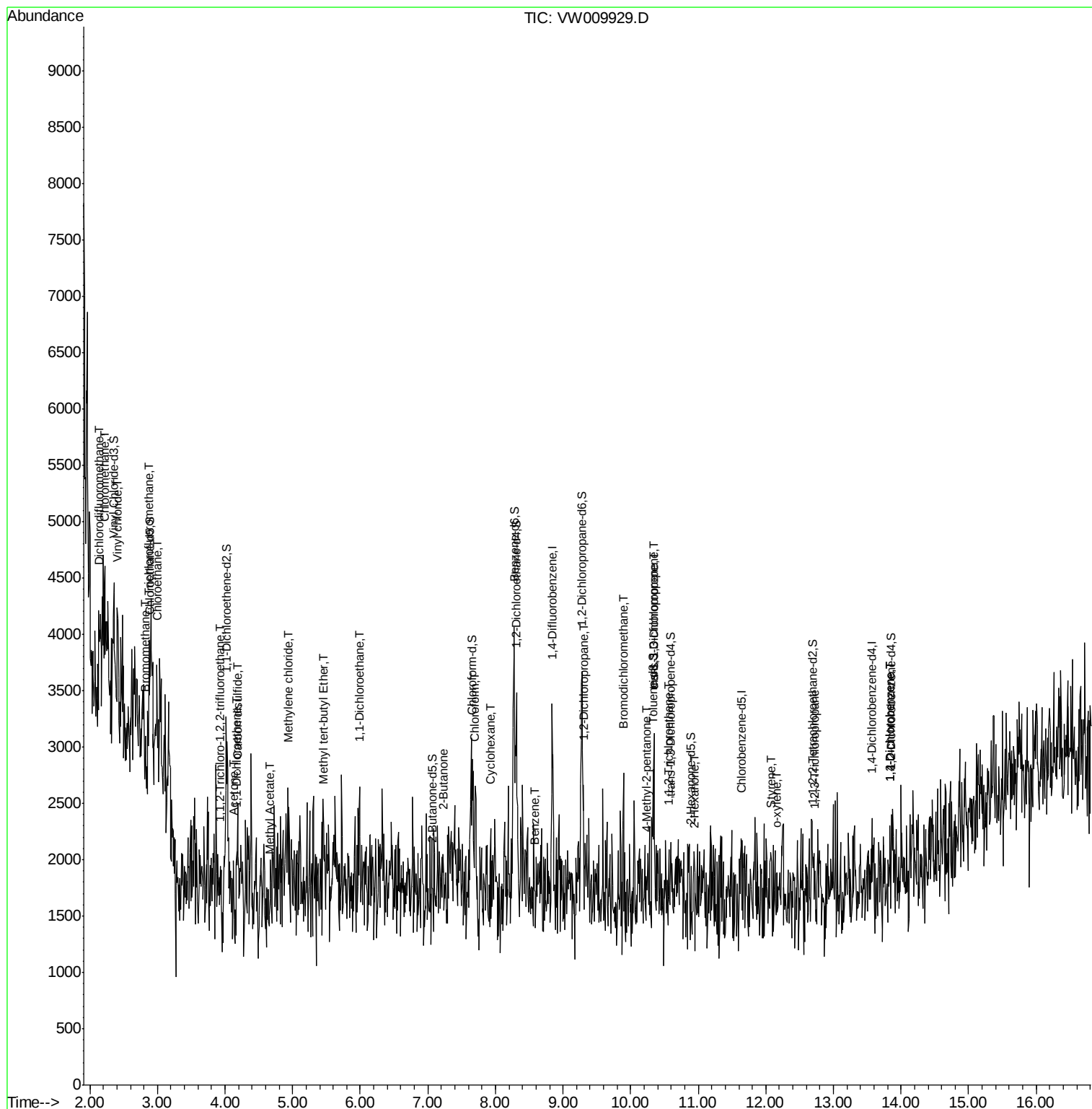
| Internal Standards            | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|-------|------|----------|--------|--------|----------|
| 34) Benzene                   | 8.59  | 78   | 54       | 3.439  | ug/L   | 100      |
| 40) 1,2-Dichloropropane       | 9.30  | 63   | 62       | 15.424 | ug/L # | 1        |
| 41) Bromodichloromethane      | 9.89  | 83   | 45       | 8.113  | ug/L # | 25       |
| 42) cis-1,3-Dichloropropene   | 10.34 | 75   | 48       | 7.708  | ug/L # | 45       |
| 43) 4-Methyl-2-pentanone      | 10.24 | 43   | 64       | 20.497 | ug/L # | 1        |
| 45) trans-1,3-Dichloropropene | 10.34 | 75   | 48       | 8.940  | ug/L # | 44       |
| 46) 1,1,2-Trichloroethane     | 10.57 | 97   | 45       | 14.914 | ug/L # | 17       |
| 49) 2-Hexanone                | 10.95 | 43   | 19       | 8.172  | ug/L # | 42       |
| 55) o-xylene                  | 12.16 | 106  | 55       | 8.239  | ug/L # | 1        |
| 56) Styrene                   | 12.08 | 104  | 43       | 3.713  | ug/L # | 30       |
| 59) 1,2,3-Trichloropropane    | 12.71 | 75   | 66       | 21.853 | ug/L # | 42       |
| 64) 1,4-Dichlorobenzene       | 13.83 | 146  | 45       | 4.641  | ug/L # | 26       |
| 65) 1,2-Dichlorobenzene       | 13.83 | 146  | 45       | 5.173  | ug/L # | 25       |

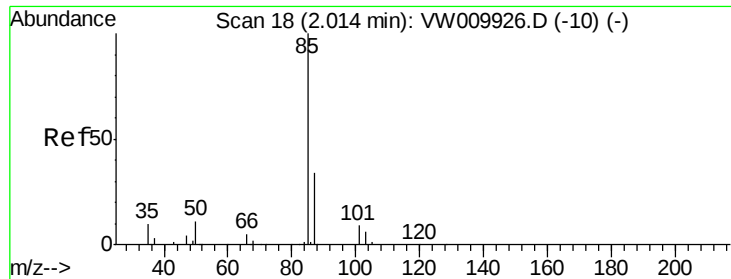
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 2.984 ug/L

RT: 2.14 min Scan# 38

Delta R.T. 0.12 min

Lab File: VW009929.D

Acq: 11 Apr 2019 23:22

Instrument :

MSVOA\_W

ClientSampleId :

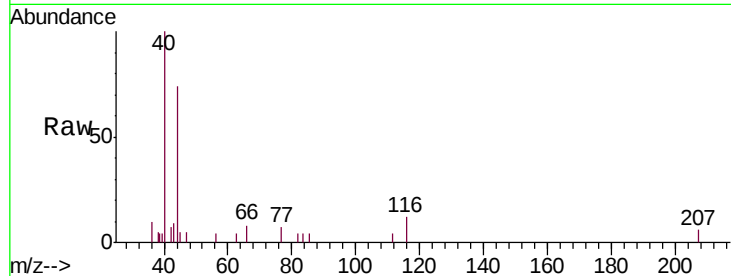
DB6Y9

Tgt Ion: 85 Resp: 45

Ion Ratio Lower Upper

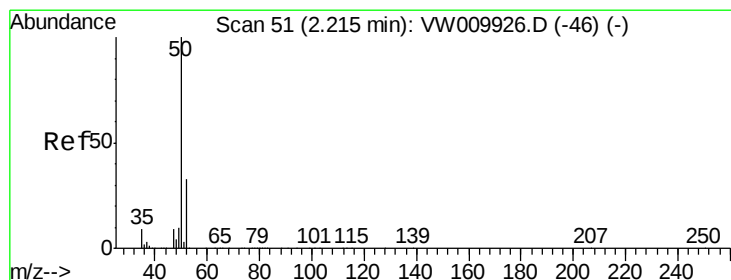
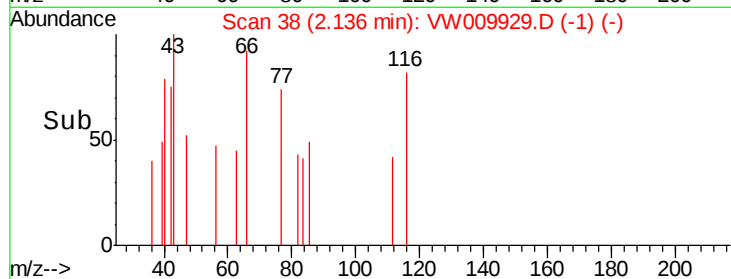
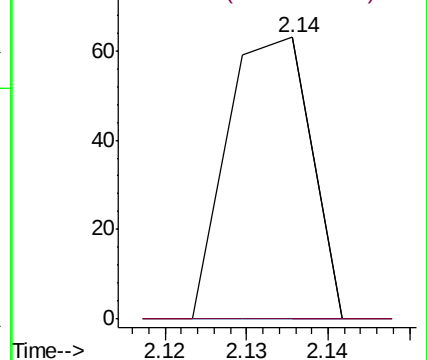
85 100

87 97.8 18.1 33.5#



Abundance Ion 85.00 (84.70 to 85.70): VW

Ion 87.00 (86.70 to 87.70): VW



#3

Chloromethane

Concen: 6.159 ug/L

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW009929.D

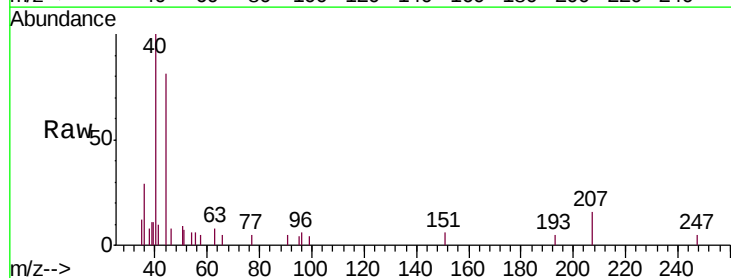
Acq: 11 Apr 2019 23:22

Tgt Ion: 50 Resp: 96

Ion Ratio Lower Upper

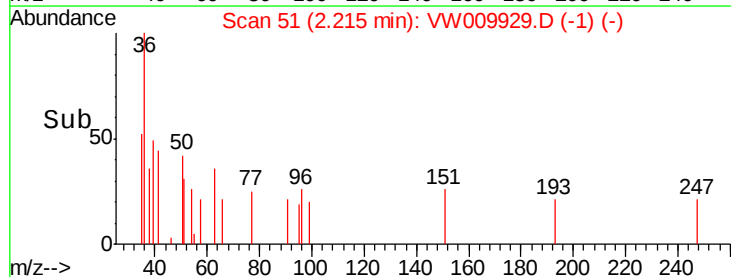
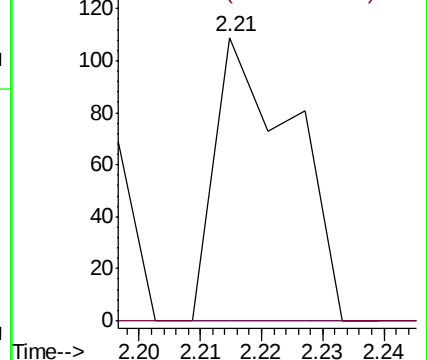
50 100

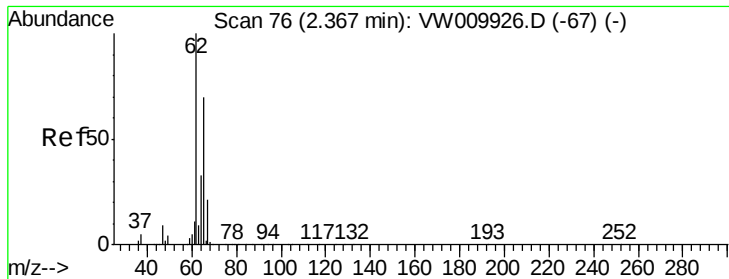
52 0.0 22.3 41.3#



Abundance Ion 50.00 (49.70 to 50.70): VW

Ion 52.00 (51.70 to 52.70): VW





#5

Vinyl chloride

Concen: 5.902 ug/L

RT: 2.40 min Scan# 82

Delta R.T. 0.04 min

Lab File: VW009929.D

Acq: 11 Apr 2019 23:22

Instrument :

MSVOA\_W

ClientSampleId :

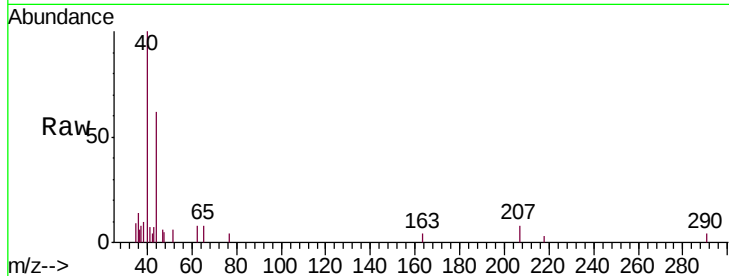
DB6Y9

Tgt Ion: 62 Resp: 118

Ion Ratio Lower Upper

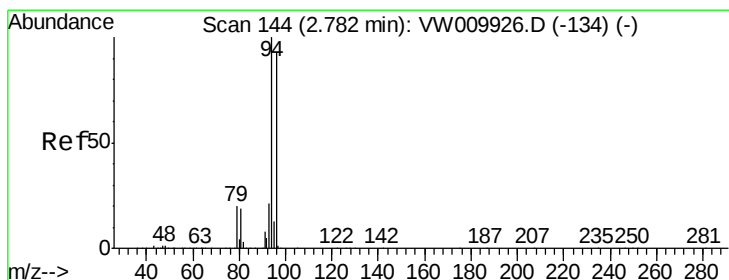
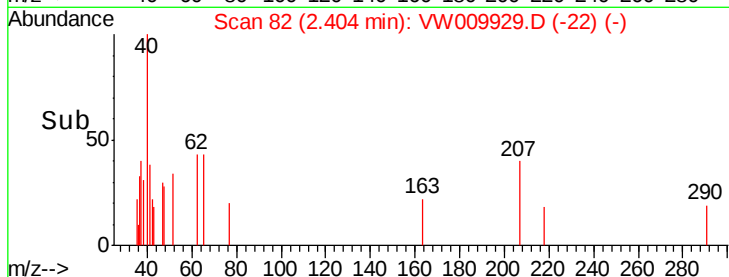
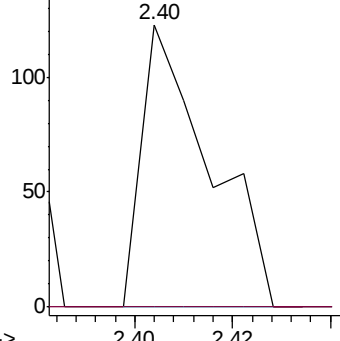
62 100

64 0.0 21.8 40.6#



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 64.00 (63.70 to 64.70): VW



#6

Bromomethane

Concen: 3.903 ug/L

RT: 2.83 min Scan# 152

Delta R.T. 0.05 min

Lab File: VW009929.D

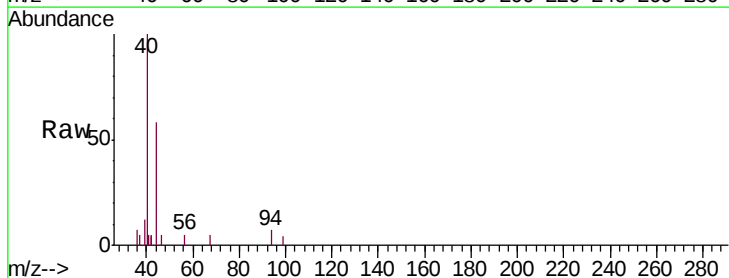
Acq: 11 Apr 2019 23:22

Tgt Ion: 94 Resp: 54

Ion Ratio Lower Upper

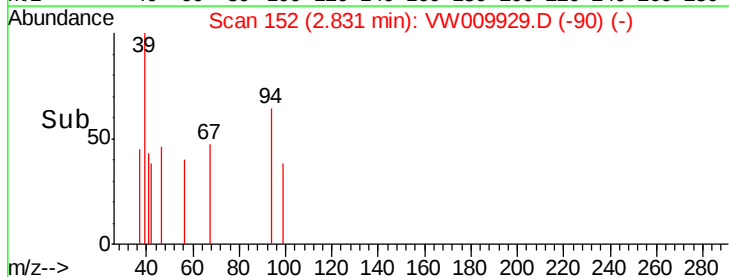
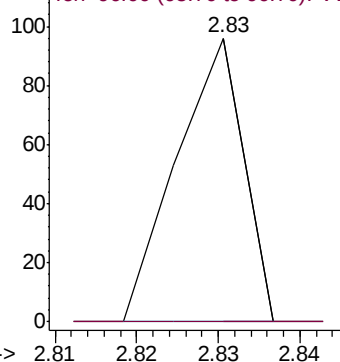
94 100

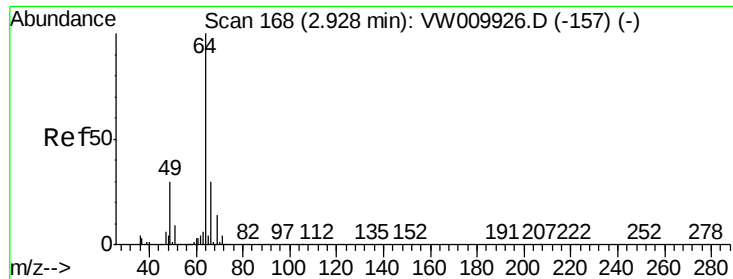
96 38.9 9.3 177.3



Abundance Ion 94.00 (93.70 to 94.70): VW

Ion 96.00 (95.70 to 96.70): VW

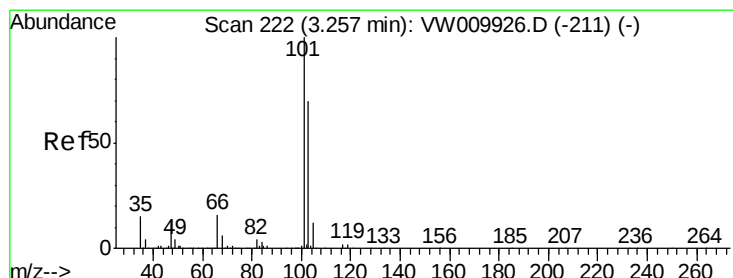
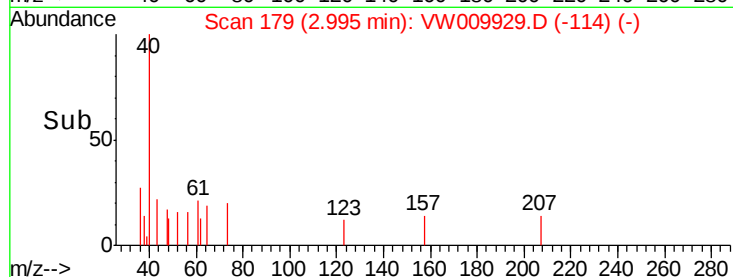
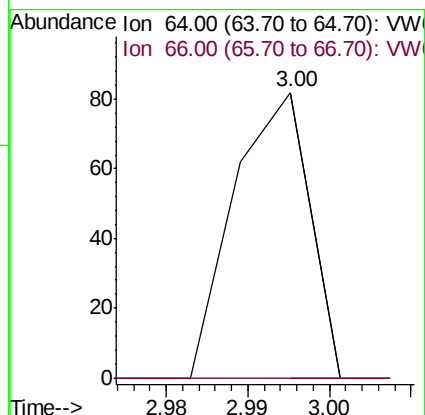
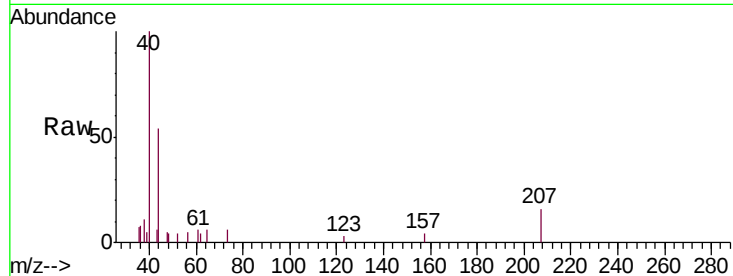




#8  
Chloroethane  
Concen: 4.039 ug/L  
RT: 3.00 min Scan# 179  
Delta R.T. 0.07 min  
Lab File: VW009929.D  
Acq: 11 Apr 2019 23:22

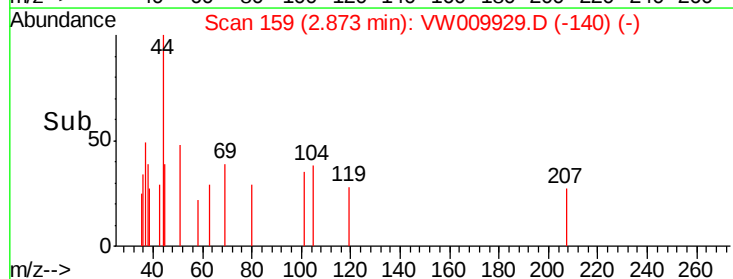
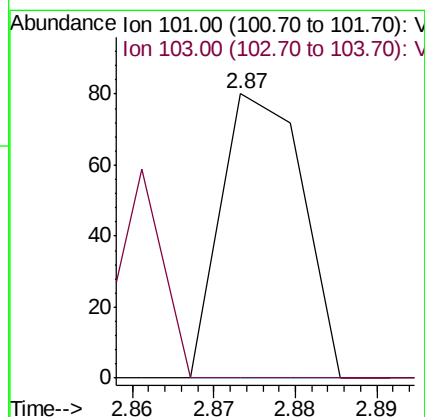
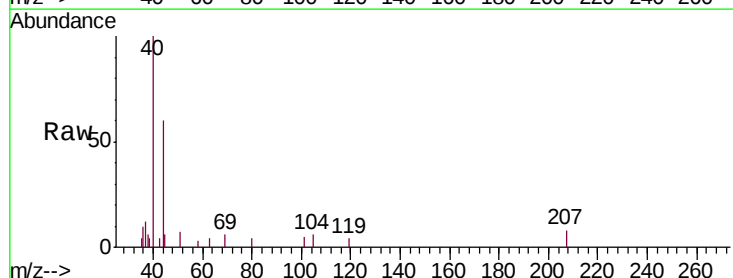
Instrument :  
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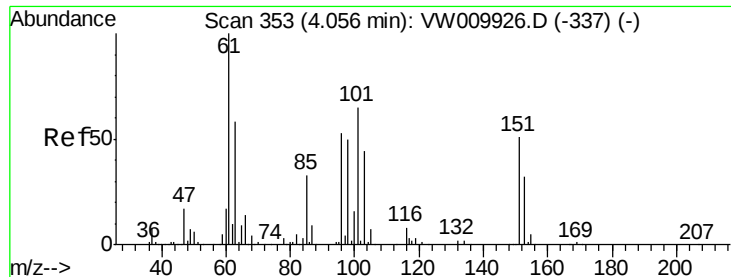
Tgt Ion: 64 Resp: 53  
Ion Ratio Lower Upper  
64 100  
66 0.0 21.6 40.2#



#9  
Trichlorofluoromethane  
Concen: 4.566 ug/L  
RT: 2.87 min Scan# 159  
Delta R.T. -0.38 min  
Lab File: VW009929.D  
Acq: 11 Apr 2019 23:22

Tgt Ion: 101 Resp: 56  
Ion Ratio Lower Upper  
101 100  
103 0.0 45.1 83.7#





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 2.821 ug/L

RT: 3.93 min Scan# 332

Delta R.T. -0.13 min

Lab File: VW009929.D

Acq: 11 Apr 2019 23:22

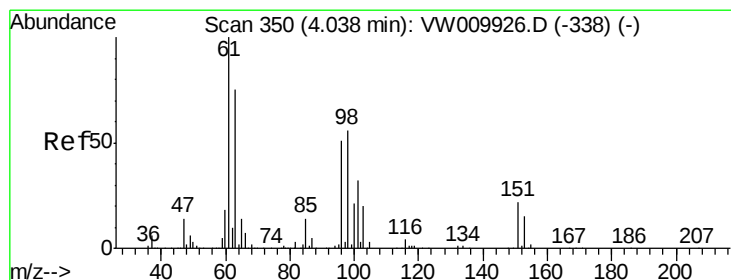
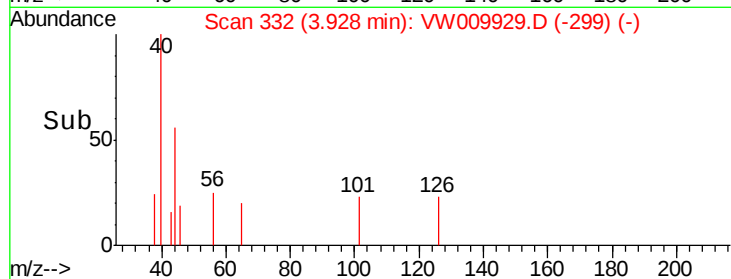
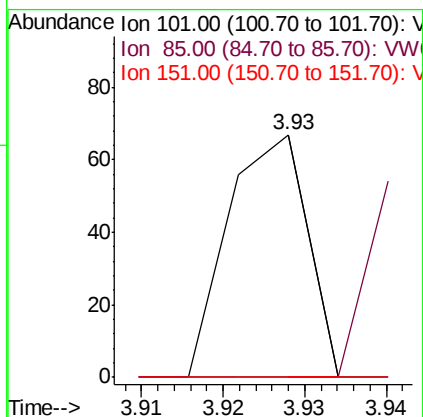
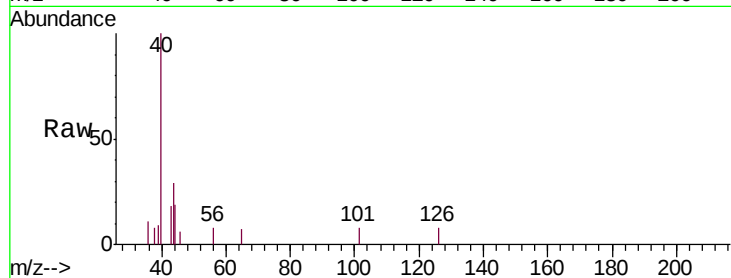
Instrument :

MSVOA\_W

ClientSampled :

DB6Y9

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 45    |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 86.7  | 37.8  | 56.6# |
| 151      | 0.0   | 60.6  | 91.0# |



#12

1,1-Dichloroethene

Concen: 3.617 ug/L

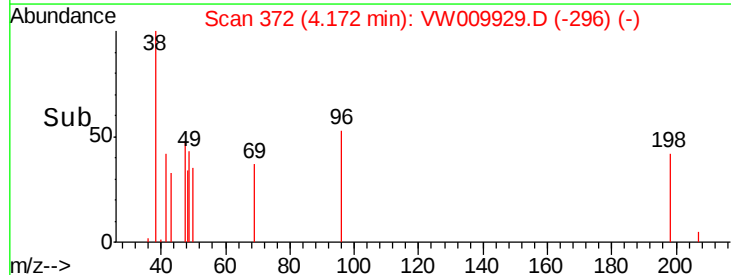
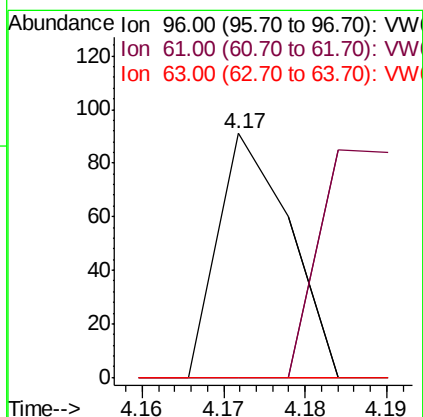
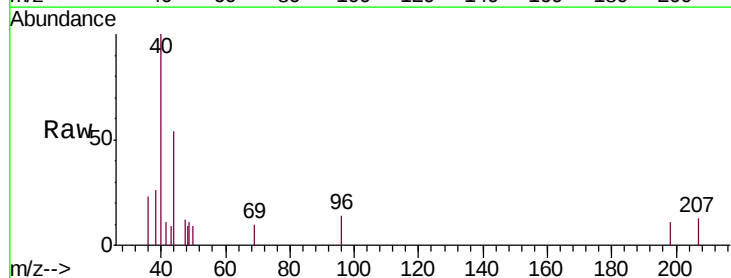
RT: 4.17 min Scan# 372

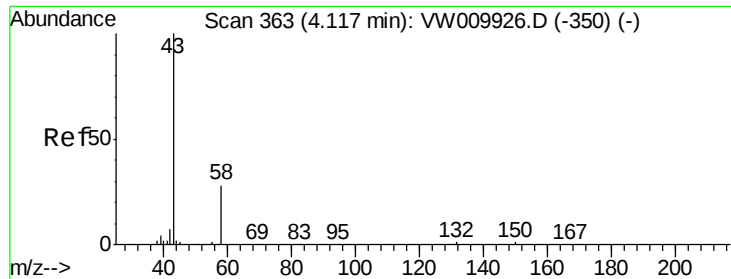
Delta R.T. 0.13 min

Lab File: VW009929.D

Acq: 11 Apr 2019 23:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 96    | Resp: | 55     |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 0.0   | 138.8 | 257.8# |
| 63       | 0.0   | 114.6 | 212.8# |





#13

Acetone

Concen: 32.423 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

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Acq: 11 Apr 2019 23:22

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MSVOA\_W

ClientSampleId :

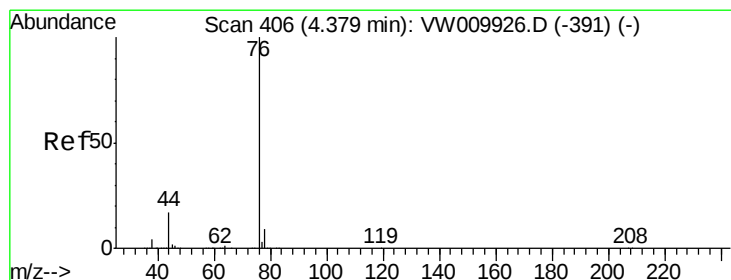
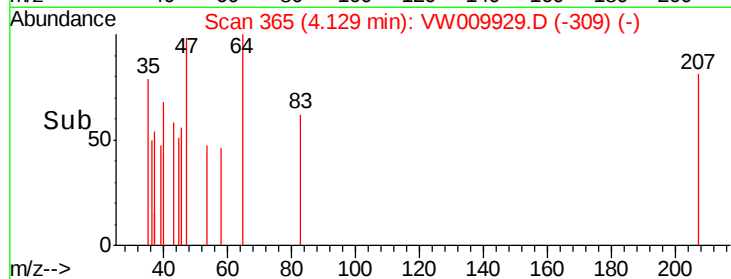
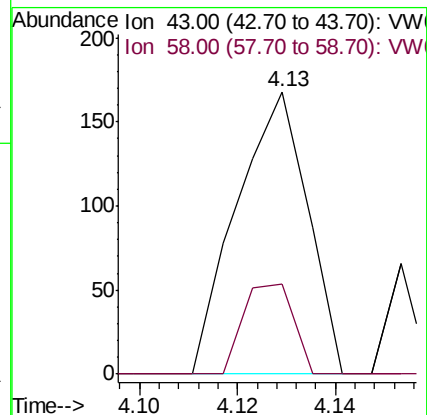
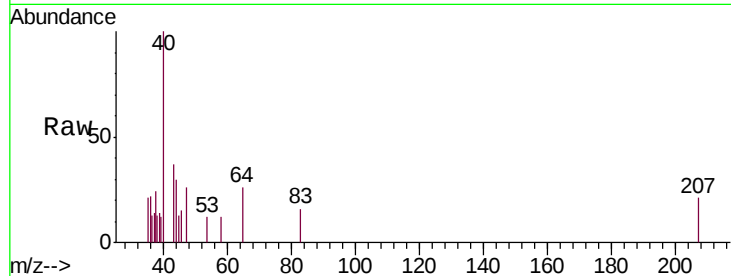
DB6Y9

Tgt Ion: 43 Resp: 169

Ion Ratio Lower Upper

43 100

58 22.5 0.0 53.0



#14

Carbon disulfide

Concen: 1.164 ug/L

RT: 4.20 min Scan# 376

Delta R.T. -0.18 min

Lab File: VW009929.D

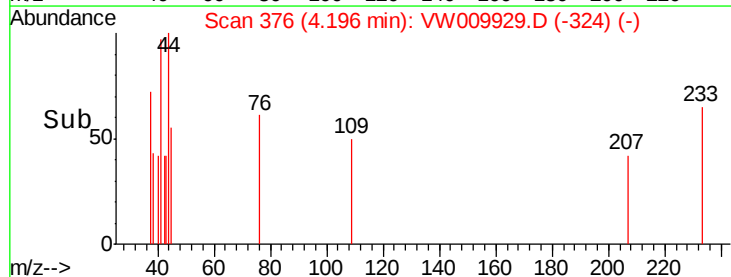
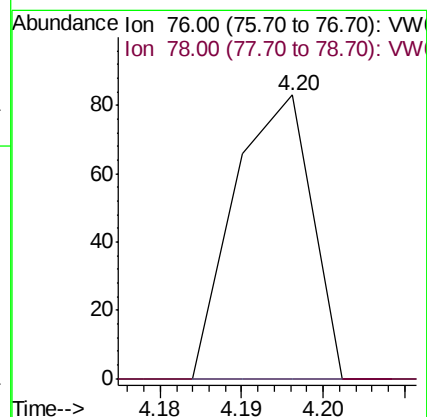
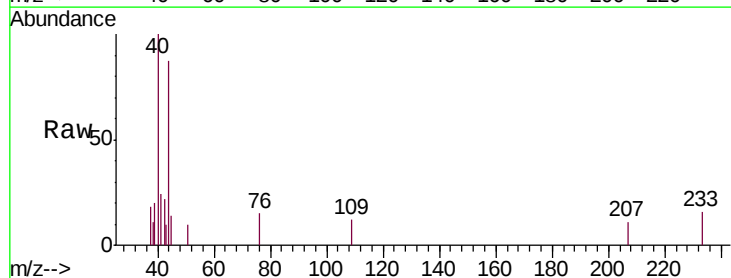
Acq: 11 Apr 2019 23:22

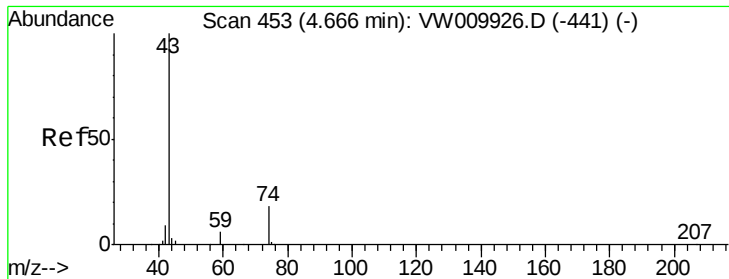
Tgt Ion: 76 Resp: 55

Ion Ratio Lower Upper

76 100

78 0.0 7.3 10.9#





#15

Methyl Acetate

Concen: 4.630 ug/L

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

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ClientSampleId :

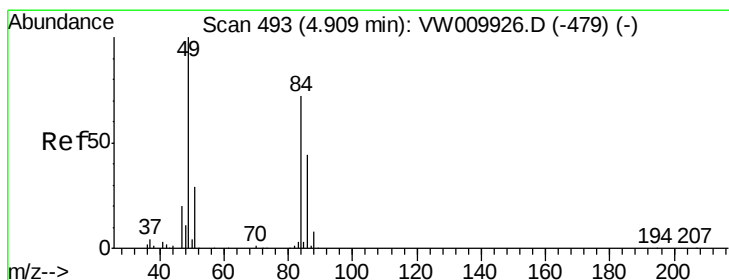
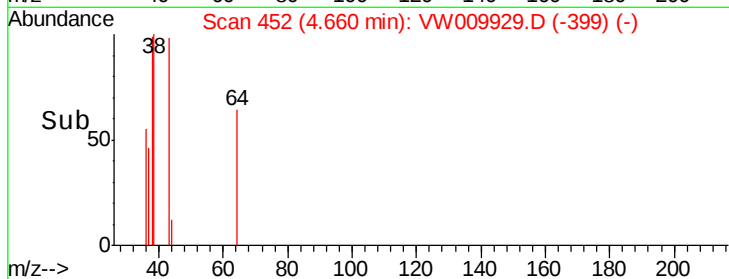
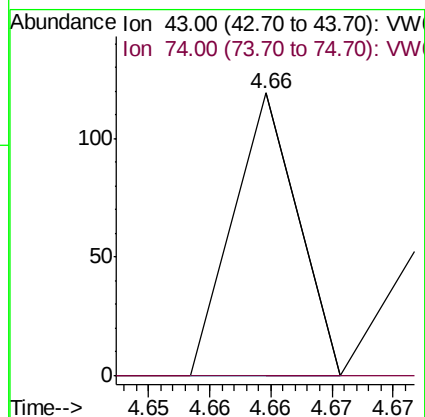
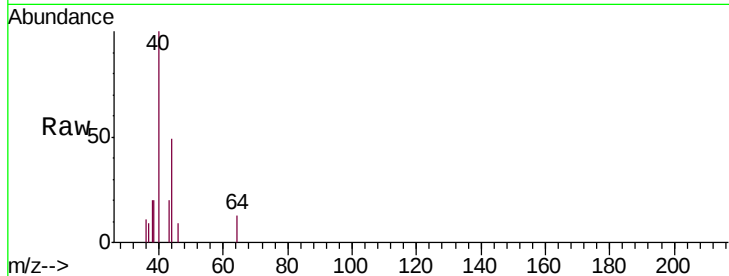
DB6Y9

Tgt Ion: 43 Resp: 44

Ion Ratio Lower Upper

43 100

74 0.0 17.2 25.8#



#16

Methylene chloride

Concen: 3.219 ug/L

RT: 4.94 min Scan# 498

Delta R.T. 0.03 min

Lab File: VW009929.D

Acq: 11 Apr 2019 23:22

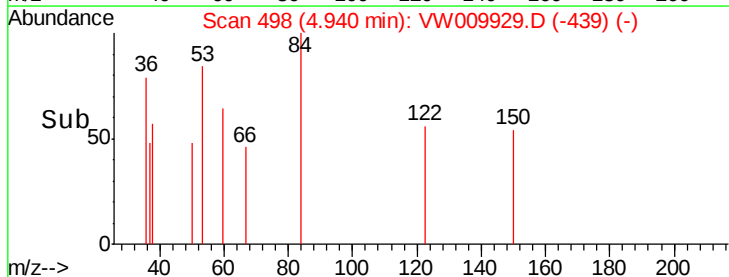
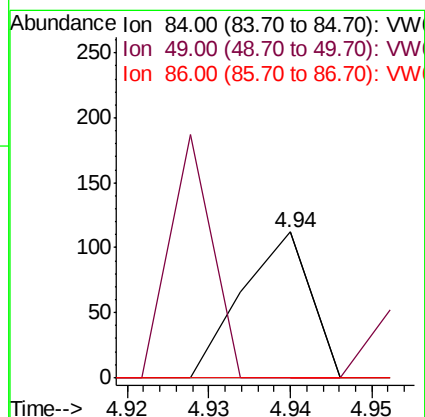
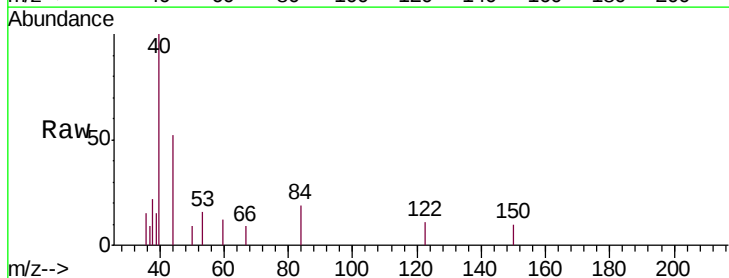
Tgt Ion: 84 Resp: 65

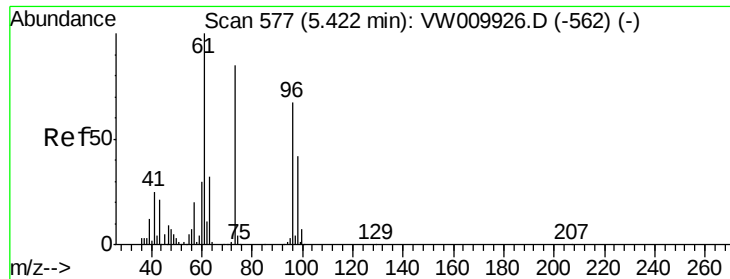
Ion Ratio Lower Upper

84 100

49 0.0 98.3 182.5#

86 0.0 46.4 86.2#

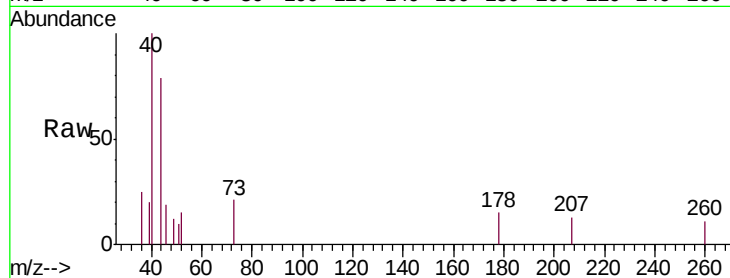




#17  
Methyl tert-butyl Ether  
Concen: 3.246 ug/L  
RT: 5.46 min Scan# 584  
Delta R.T. 0.04 min  
Lab File: VW009929.D  
Acq: 11 Apr 2019 23:22

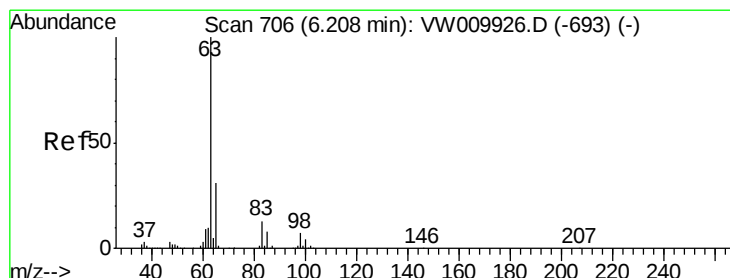
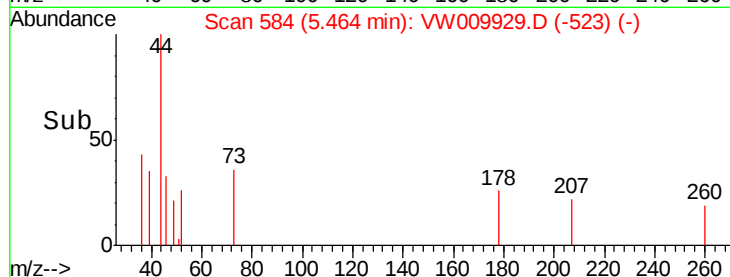
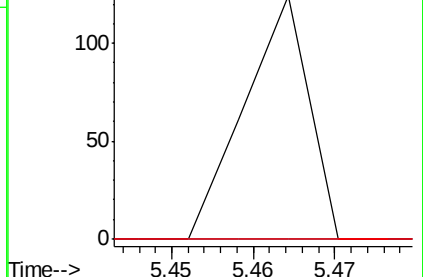
Instrument :  
MSVOA\_W  
ClientSampleId :  
DB6Y9

Tgt Ion: 73 Resp: 68  
Ion Ratio Lower Upper  
73 100  
43 86.8 20.2 30.2#  
57 108.8 17.8 26.8#



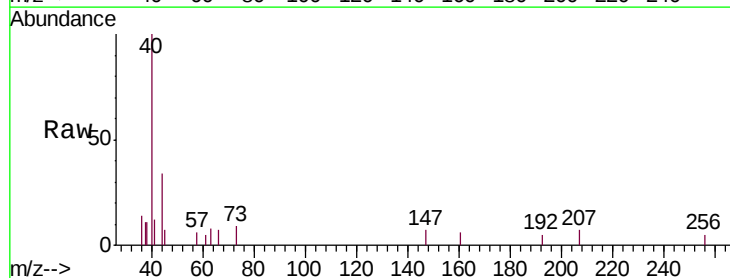
Abundance Ion 73.00 (72.70 to 73.70): VW  
Ion 43.00 (42.70 to 43.70): VW  
Ion 57.00 (56.70 to 57.70): VW

5.46



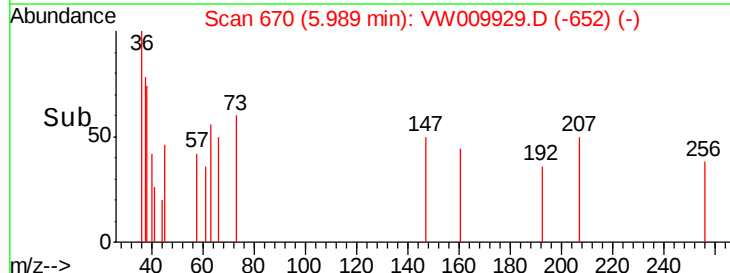
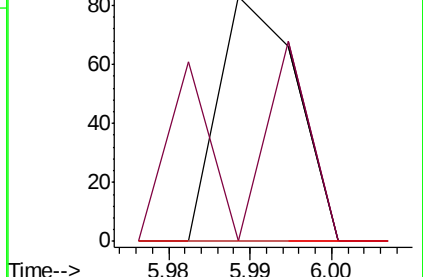
#19  
1,1-Dichloroethane  
Concen: 1.779 ug/L  
RT: 5.99 min Scan# 670  
Delta R.T. -0.22 min  
Lab File: VW009929.D  
Acq: 11 Apr 2019 23:22

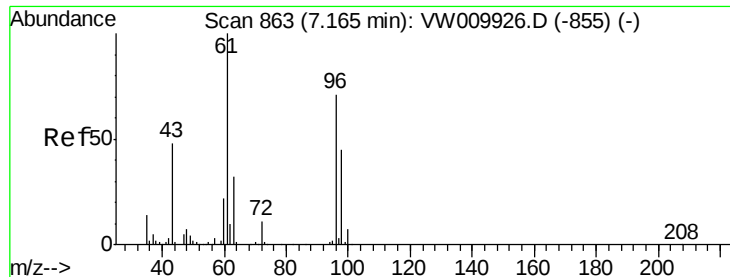
Tgt Ion: 63 Resp: 54  
Ion Ratio Lower Upper  
63 100  
65 0.0 22.6 42.0#  
83 0.0 9.8 18.2#



Abundance Ion 63.00 (62.70 to 63.70): VW  
Ion 65.00 (64.70 to 65.70): VW  
Ion 83.00 (82.70 to 83.70): VW

5.99





#21

2-Butanone

Concen: 17.498 ug/L

RT: 7.23 min Scan# 873

Delta R.T. 0.06 min

Lab File: VW009929.D

Acq: 11 Apr 2019 23:22

Instrument :

MSVOA\_W

ClientSampled :

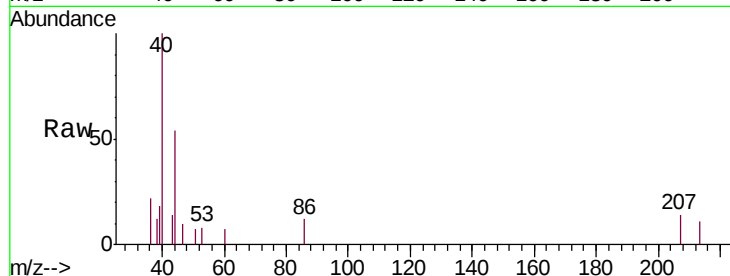
DB6Y9

Tgt Ion: 43 Resp: 116

Ion Ratio Lower Upper

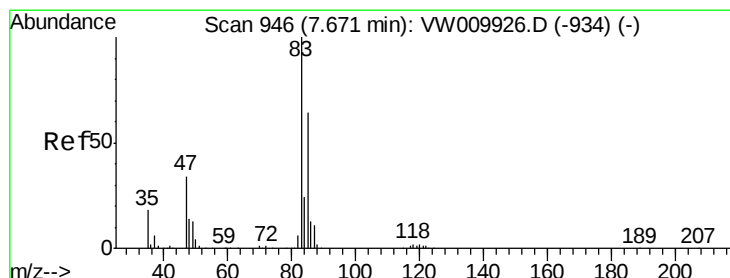
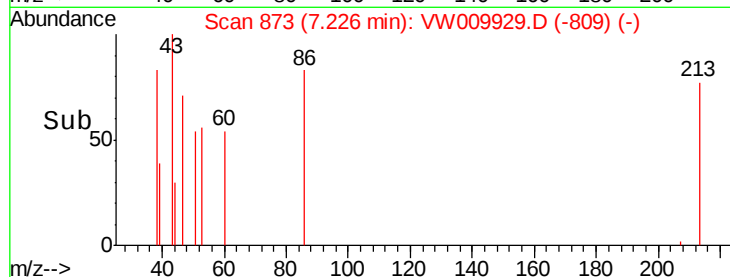
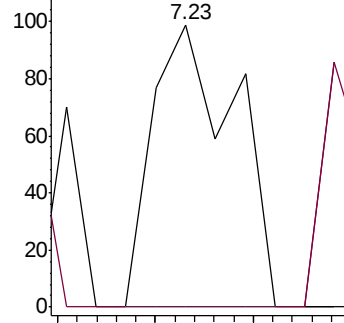
43 100

72 22.4 12.0 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#25

Chloroform

Concen: 2.642 ug/L

RT: 7.69 min Scan# 949

Delta R.T. 0.02 min

Lab File: VW009929.D

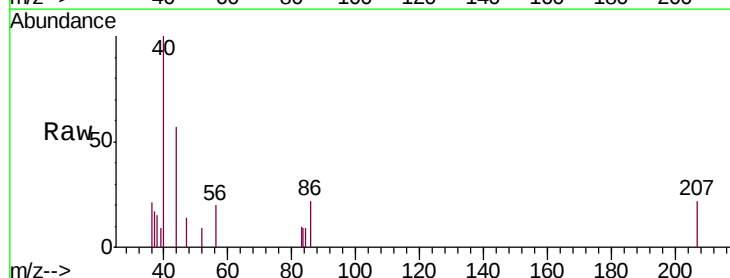
Acq: 11 Apr 2019 23:22

Tgt Ion: 83 Resp: 84

Ion Ratio Lower Upper

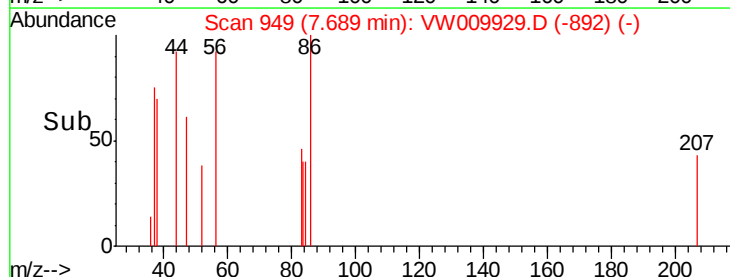
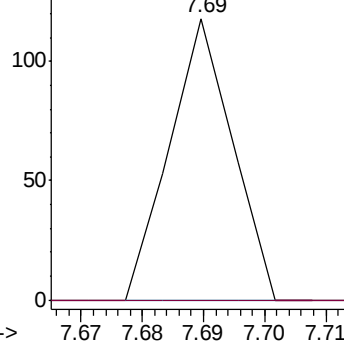
83 100

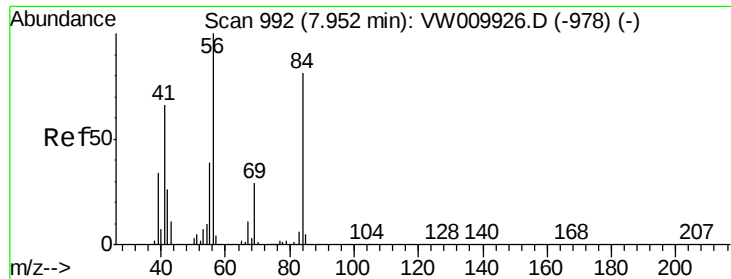
85 69.0 45.6 84.8



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

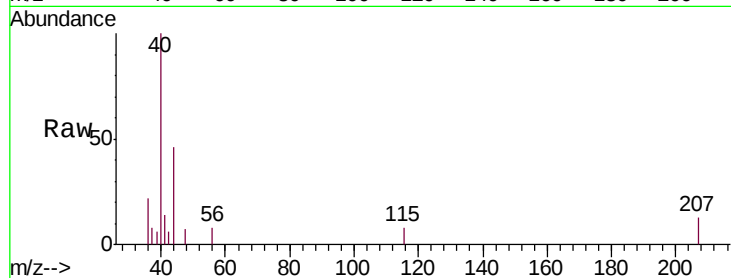




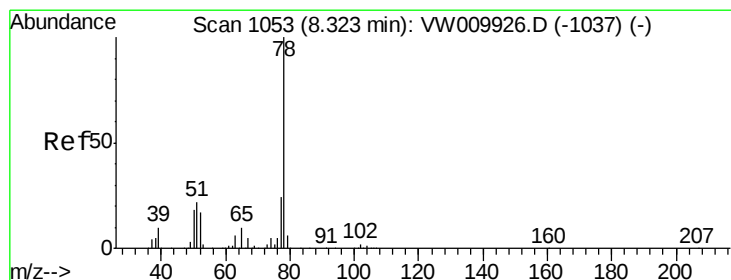
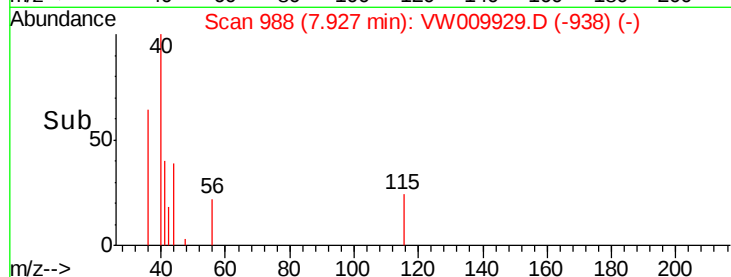
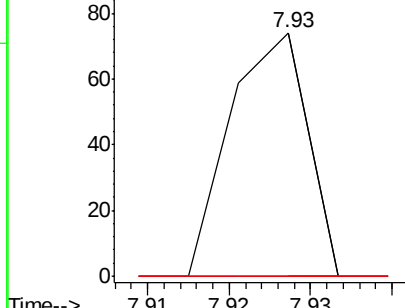
#30  
Cyclohexane  
Concen: 7.954 ug/L  
RT: 7.93 min Scan# 988  
Delta R.T. -0.02 min  
Lab File: VW009929.D  
Acq: 11 Apr 2019 23:22

Instrument :  
MSVOA\_W  
ClientSampleId :  
DB6Y9

Tgt Ion: 56 Resp: 49  
Ion Ratio Lower Upper  
56 100  
69 106.1 23.4 35.2#  
84 0.0 67.7 101.5#

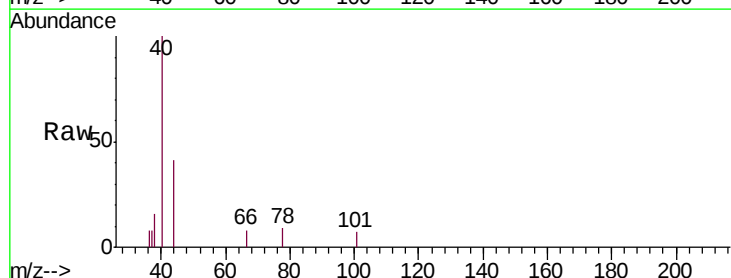


Abundance Ion 56.00 (55.70 to 56.70): VW  
Ion 69.00 (68.70 to 69.70): VW  
Ion 84.00 (83.70 to 84.70): VW

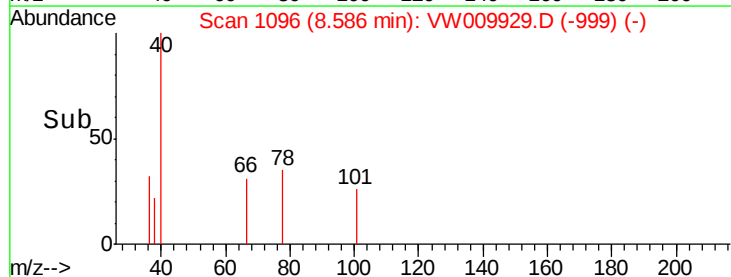
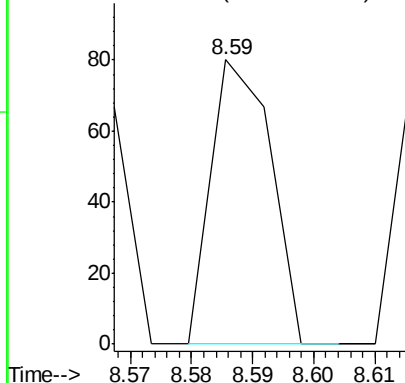


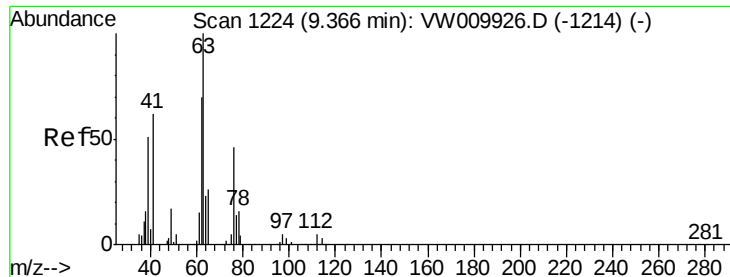
#34  
Benzene  
Concen: 3.439 ug/L  
RT: 8.59 min Scan# 1096  
Delta R.T. 0.26 min  
Lab File: VW009929.D  
Acq: 11 Apr 2019 23:22

Tgt Ion: 78 Resp: 54



Abundance Ion 78.00 (77.70 to 78.70): VW





#40

1,2-Dichloropropane

Concen: 15.424 ug/L

RT: 9.30 min Scan# 1213

Delta R.T. -0.07 min

Lab File: VW009929.D

Acq: 11 Apr 2019 23:22

Instrument :

MSVOA\_W

ClientSampleId :

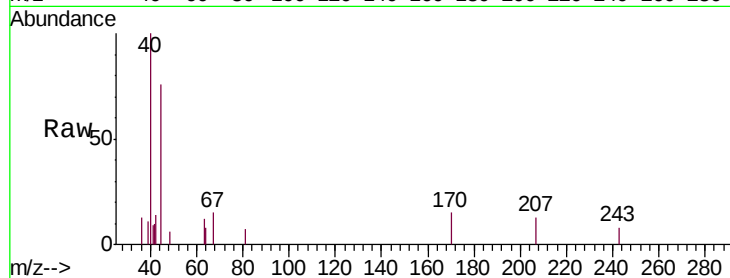
DB6Y9

Tgt Ion: 63 Resp: 62

Ion Ratio Lower Upper

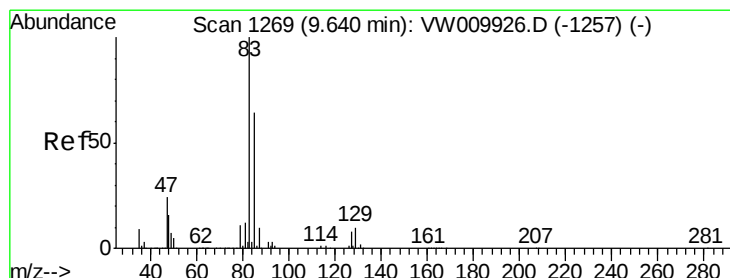
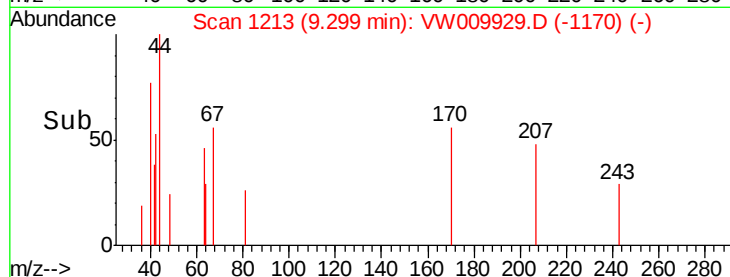
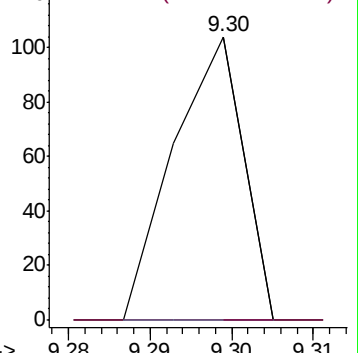
63 100

112 93.5 3.8 5.8#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V



#41

Bromodichloromethane

Concen: 8.113 ug/L

RT: 9.89 min Scan# 1310

Delta R.T. 0.25 min

Lab File: VW009929.D

Acq: 11 Apr 2019 23:22

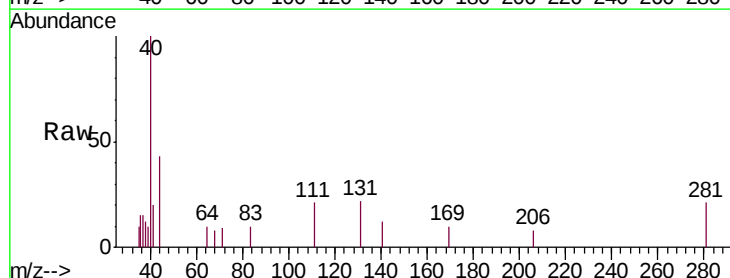
Tgt Ion: 83 Resp: 45

Ion Ratio Lower Upper

83 100

85 0.0 45.0 83.6#

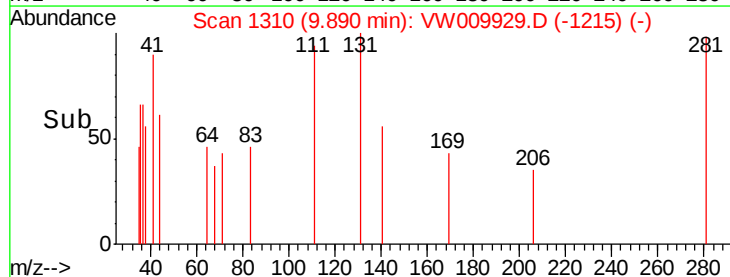
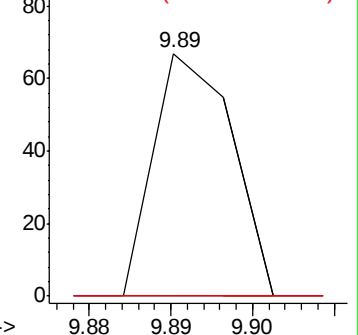
127 0.0 6.7 10.1#

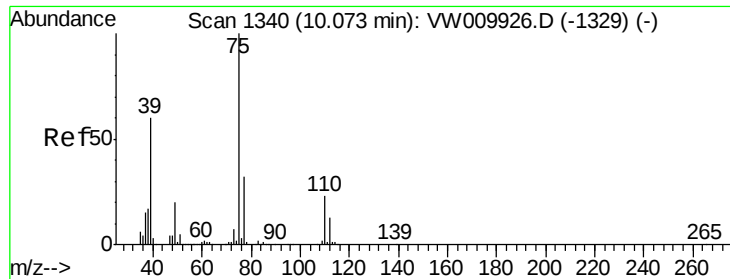


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 127.00 (126.70 to 127.70): V





#42

cis-1,3-Dichloropropene

Concen: 7.708 ug/L

RT: 10.34 min Scan# 1384

Delta R.T. 0.27 min

Lab File: VW009929.D

Acq: 11 Apr 2019 23:22

Instrument :

MSVOA\_W

ClientSampleId :

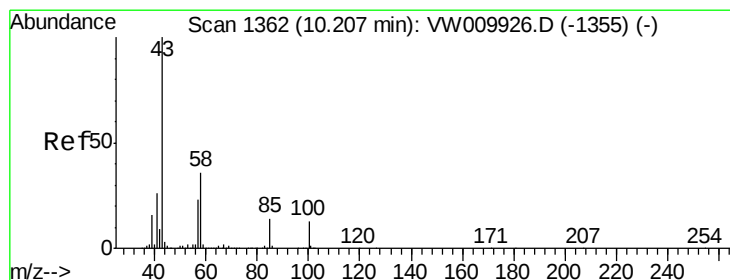
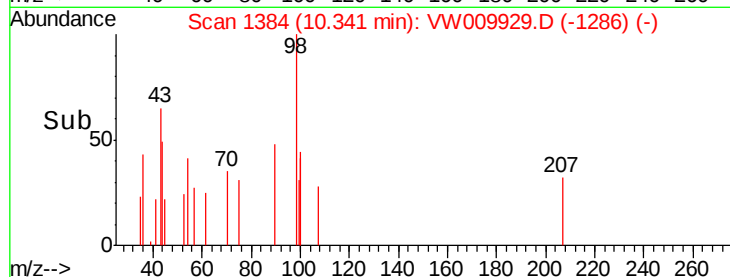
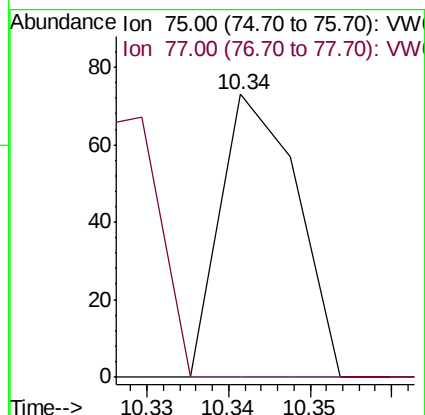
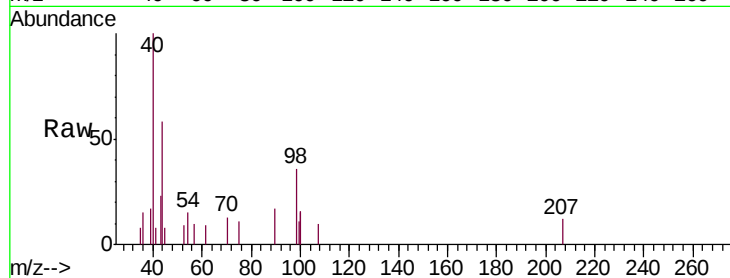
DB6Y9

Tgt Ion: 75 Resp: 48

Ion Ratio Lower Upper

75 100

77 0.0 21.0 39.0#



#43

4-Methyl-2-pentanone

Concen: 20.497 ug/L

RT: 10.24 min Scan# 1367

Delta R.T. 0.03 min

Lab File: VW009929.D

Acq: 11 Apr 2019 23:22

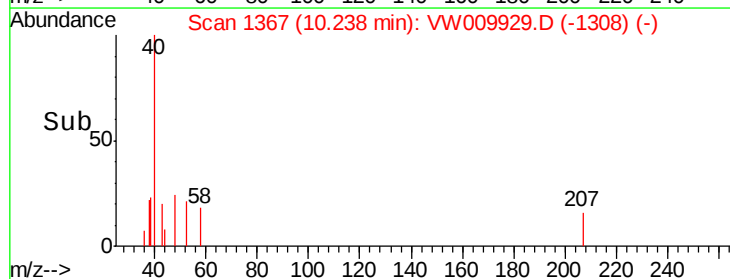
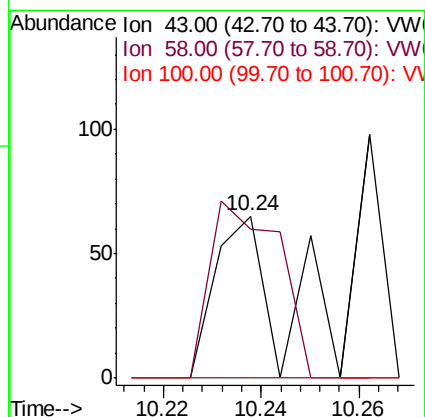
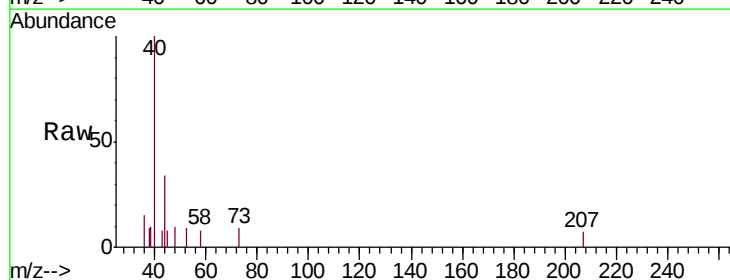
Tgt Ion: 43 Resp: 64

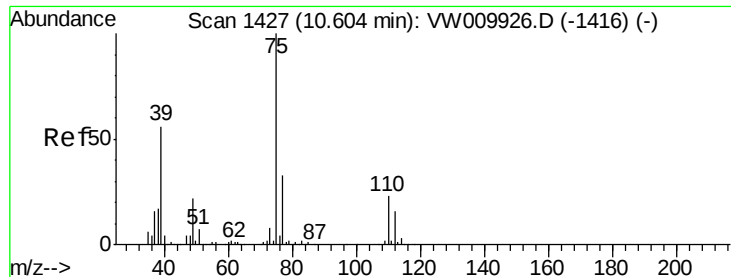
Ion Ratio Lower Upper

43 100

58 107.8 28.2 42.4#

100 0.0 10.9 16.3#





#45

trans-1,3-Dichloropropene

Concen: 8.940 ug/L

RT: 10.34 min Scan# 1384

Delta R.T. -0.26 min

Lab File: VW009929.D

Acq: 11 Apr 2019 23:22

Instrument :

MSVOA\_W

ClientSampleId :

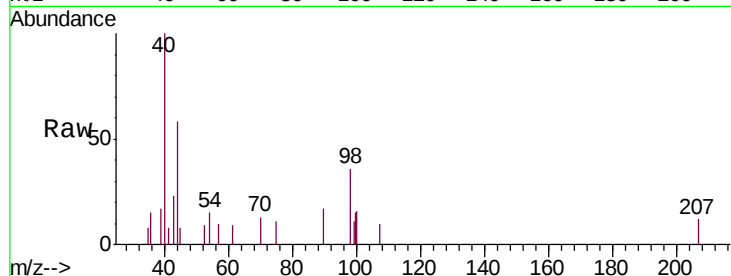
DB6Y9

Tgt Ion: 75 Resp: 48

Ion Ratio Lower Upper

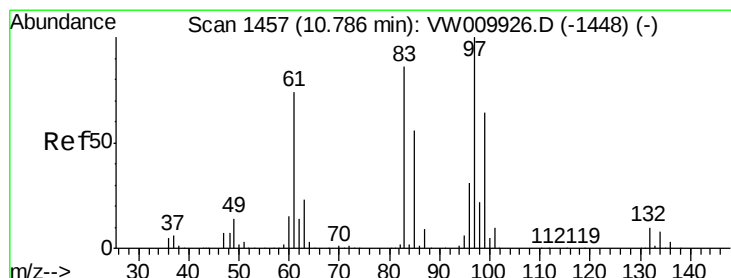
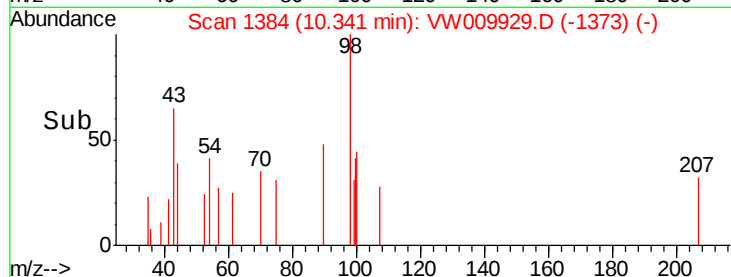
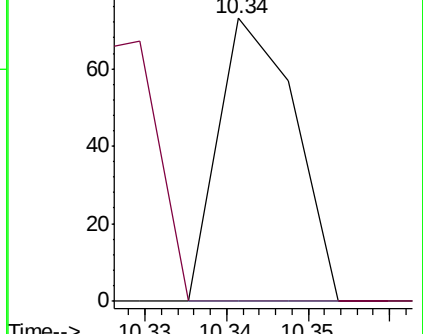
75 100

77 0.0 21.1 39.3#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#46

1,1,2-Trichloroethane

Concen: 14.914 ug/L

RT: 10.57 min Scan# 1421

Delta R.T. -0.22 min

Lab File: VW009929.D

Acq: 11 Apr 2019 23:22

Tgt Ion: 97 Resp: 45

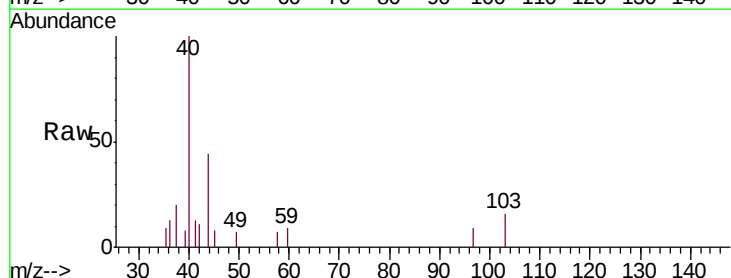
Ion Ratio Lower Upper

97 100

83 0.0 57.3 106.3#

85 0.0 38.1 70.7#

99 0.0 40.9 75.9#

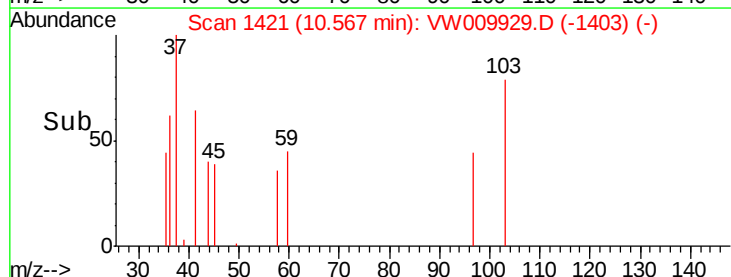
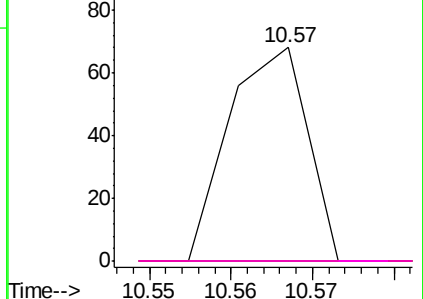


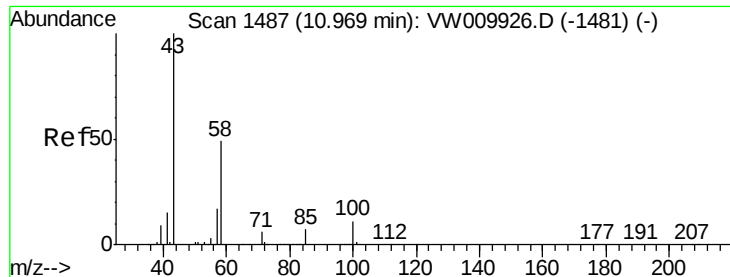
Abundance Ion 97.00 (96.70 to 97.70): VW

Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 99.00 (98.70 to 99.70): VW





#49

2-Hexanone

Concen: 8.172 ug/L

RT: 10.95 min Scan# 1484

Delta R.T. -0.02 min

Lab File: VW009929.D

Acq: 11 Apr 2019 23:22

Instrument :

MSVOA\_W

ClientSampleId :

DB6Y9

Tgt Ion: 43 Resp: 19

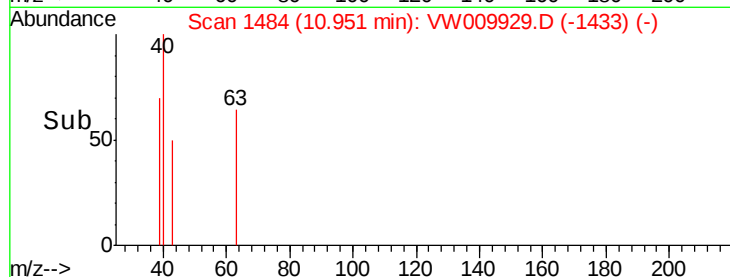
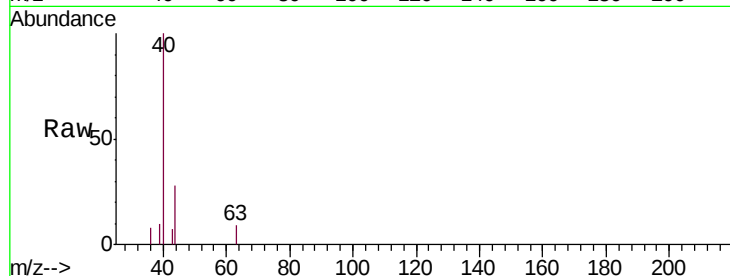
Ion Ratio Lower Upper

43 100

58 0.0 38.9 58.3#

57 0.0 13.8 20.6#

100 0.0 8.6 13.0#

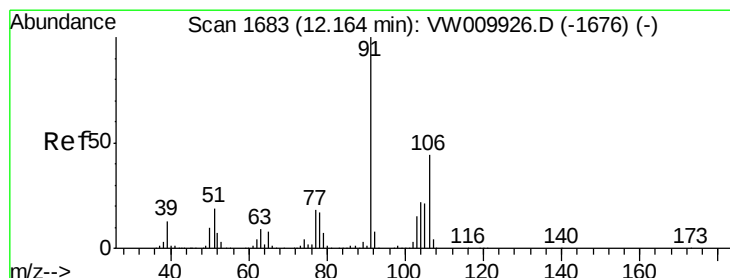
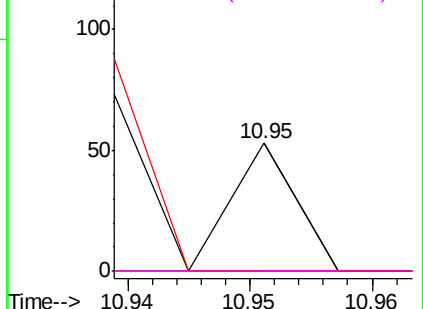


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW



#55

o-xylene

Concen: 8.239 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VW009929.D

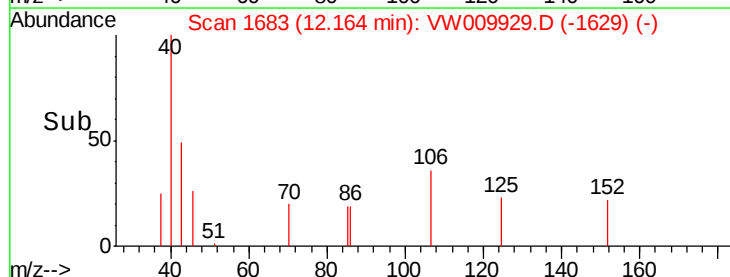
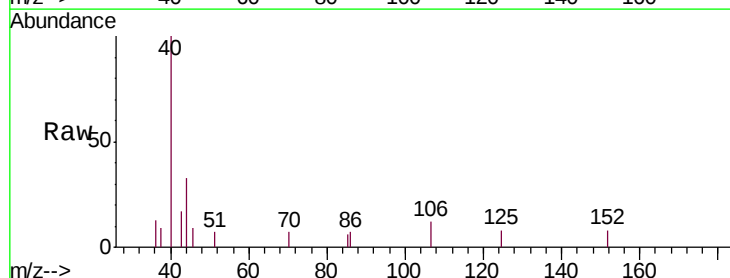
Acq: 11 Apr 2019 23:22

Tgt Ion: 106 Resp: 55

Ion Ratio Lower Upper

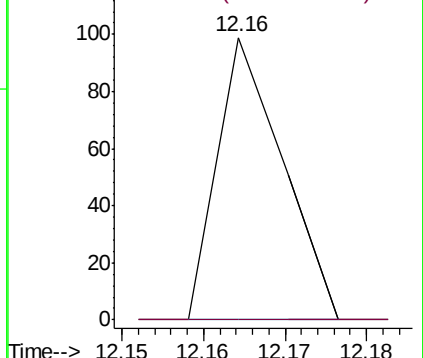
106 100

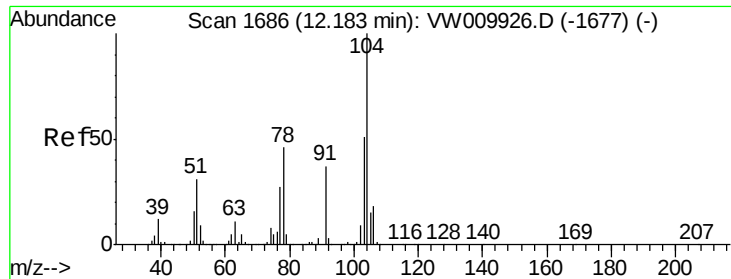
91 0.0 153.9 285.7#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#56

Styrene

Concen: 3.713 ug/L

RT: 12.08 min Scan# 1669

Delta R.T. -0.10 min

Lab File: VW009929.D

Acq: 11 Apr 2019 23:22

Instrument :

MSVOA\_W

ClientSampleId :

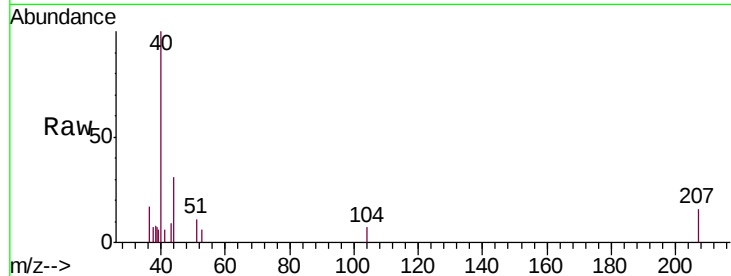
DB6Y9

Tgt Ion: 104 Resp: 43

Ion Ratio Lower Upper

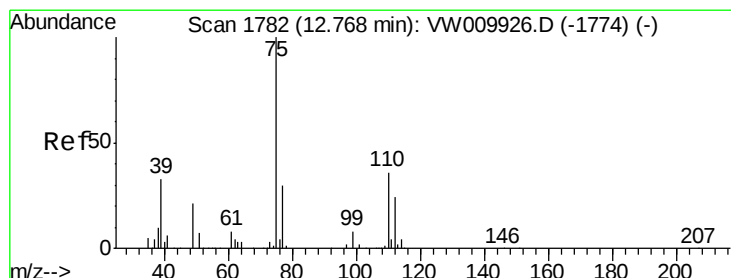
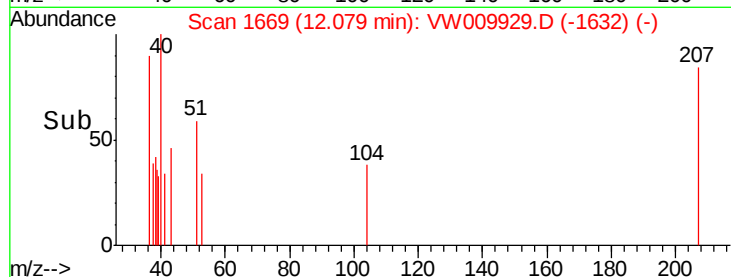
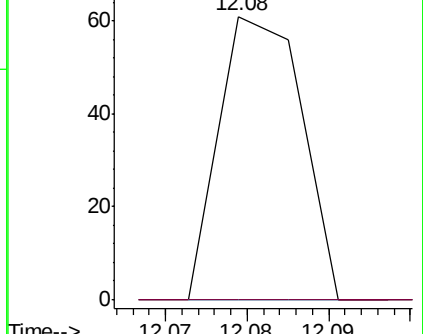
104 100

78 0.0 32.9 61.1#



Abundance Ion 104.00 (103.70 to 104.70): VW

Ion 78.00 (77.70 to 78.70): VW



#59

1,2,3-Trichloropropane

Concen: 21.853 ug/L

RT: 12.71 min Scan# 1772

Delta R.T. -0.06 min

Lab File: VW009929.D

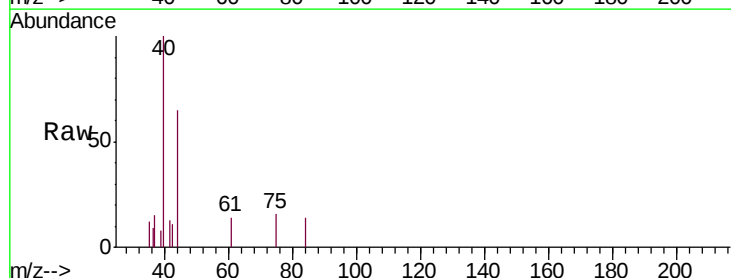
Acq: 11 Apr 2019 23:22

Tgt Ion: 75 Resp: 66

Ion Ratio Lower Upper

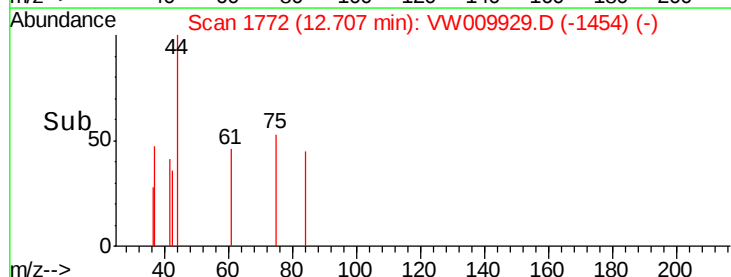
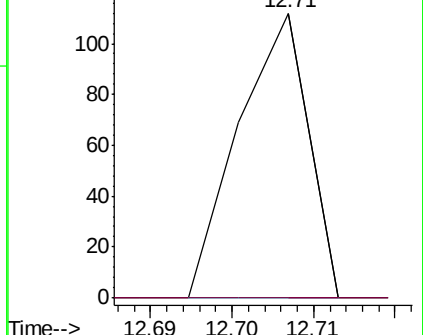
75 100

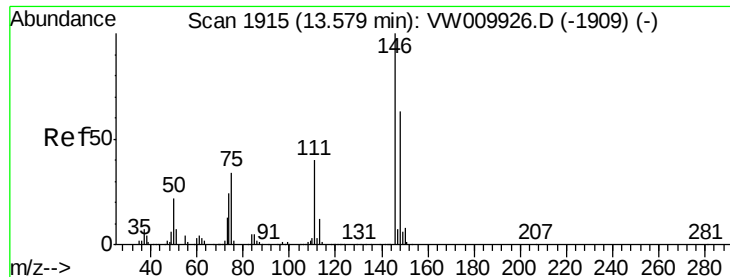
77 0.0 26.2 39.2#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#64

1,4-Dichlorobenzene

Concen: 4.641 ug/L

RT: 13.83 min Scan# 1957

Delta R.T. 0.26 min

Lab File: VW009929.D

Acq: 11 Apr 2019 23:22

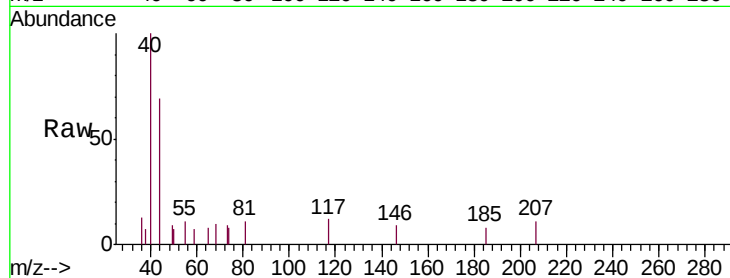
Instrument :

MSVOA\_W

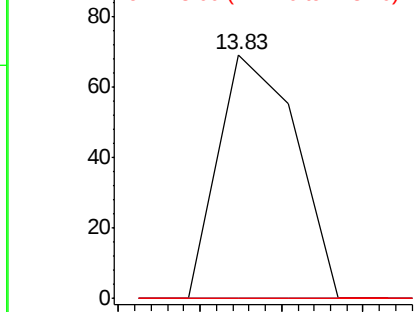
ClientSampleId :

DB6Y9

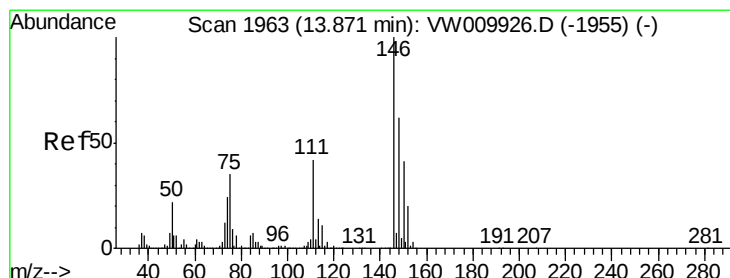
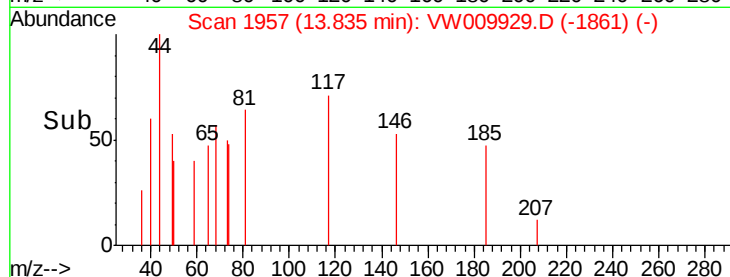
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 45    |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 0.0   | 27.4  | 50.8# |
| 148      | 0.0   | 43.8  | 81.3# |



Abundance Ion 146.00 (145.70 to 146.70): V  
Ion 111.00 (110.70 to 111.70): V  
Ion 148.00 (147.70 to 148.70): V



Time--> 13.82 13.83 13.84 13.85



#65

1,2-Dichlorobenzene

Concen: 5.173 ug/L

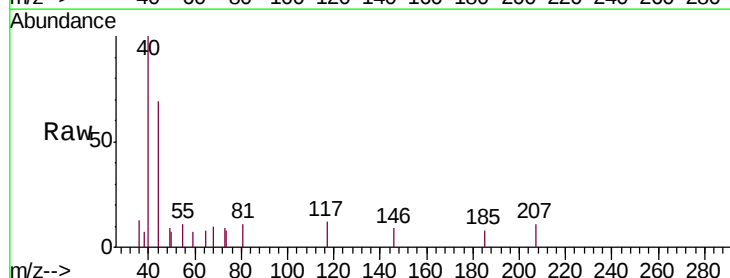
RT: 13.83 min Scan# 1957

Delta R.T. -0.04 min

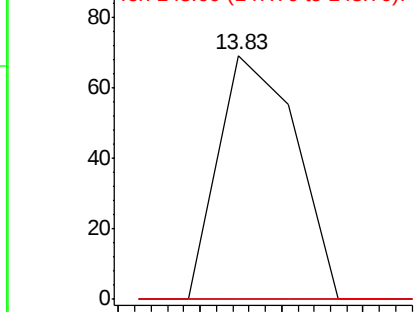
Lab File: VW009929.D

Acq: 11 Apr 2019 23:22

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 45    |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 0.0   | 32.4  | 48.6# |
| 148      | 0.0   | 50.5  | 75.7# |



Abundance Ion 146.00 (145.70 to 146.70): V  
Ion 111.00 (110.70 to 111.70): V  
Ion 148.00 (147.70 to 148.70): V



Time--> 13.82 13.83 13.84 13.85

