

Data Path : W:\HPCHEM1\MSVOA\_X\DATA\VX042718\  
 Data File : VX001204.D  
 Acq On : 28 Apr 2018 06:31  
 Operator : JC/MD  
 Sample : J2507-07  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LF001MW002-180419

Quant Time: Apr 28 07:11:42 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X042618W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Apr 27 01:51:42 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 194845   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 268947   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 248646   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.09 | 152  | 144145   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 6.07   | 65  | 152517   | 50.50 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 101.00% |      |
| 35) Dibromofluoromethane    | 5.51   | 113 | 120202   | 54.00 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 108.00% |      |
| 50) Toluene-d8              | 8.72   | 98  | 460347   | 54.80 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 109.60% |      |
| 62) 4-Bromofluorobenzene    | 11.14  | 95  | 159409   | 48.57 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 97.14%  |      |

| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 2) Dichlorodifluoromethane     | 1.20  | 85   | 453      | 0.222     | ug/l   | 93     |
| 4) Vinyl Chloride              | 1.40  | 62   | 24476    | 10.780    | ug/l   | 98     |
| 5) Bromomethane                | 1.65  | 94   | 448      | Below Cal |        | 85     |
| 8) Diethyl Ether               | 2.19  | 74   | 413      | 0.293     | ug/l   | 98     |
| 11) Tert butyl alcohol         | 3.06  | 59   | 1409     | 2.366     | ug/l # | 85     |
| 12) 1,1-Dichloroethene         | 2.38  | 96   | 2711     | 1.376     | ug/l   | 97     |
| 13) Acrolein                   | 2.28  | 56   | 140      | 0.622     | ug/l # | 56     |
| 16) Acetone                    | 2.45  | 43   | 7386     | 5.947     | ug/l   | 96     |
| 21) trans-1,2-Dichloroethene   | 3.17  | 96   | 22286    | 10.232    | ug/l   | 98     |
| 25) 2-Butanone                 | 4.73  | 43   | 1052     | 0.566     | ug/l # | 50     |
| 27) cis-1,2-Dichloroethene     | 4.60  | 96   | 166480   | 69.808    | ug/l   | 89     |
| 29) Tetrahydrofuran            | 5.19  | 42   | 492      | 0.412     | ug/l # | 53     |
| 30) Chloroform                 | 5.23  | 83   | 1760     | 0.438     | ug/l   | 95     |
| 31) Cyclohexane                | 5.66  | 56   | 3516     | 1.095     | ug/l # | 38     |
| 36) 1,1-Dichloropropene        | 5.67  | 75   | 12228    | 4.126     | ug/l # | 50     |
| 38) Carbon Tetrachloride       | 5.67  | 117  | 16908    | 5.564     | ug/l # | 16     |
| 39) Methylcyclohexane          | 7.22  | 83   | 2901     | 0.884     | ug/l # | 1      |
| 40) Benzene                    | 6.15  | 78   | 4557     | 0.532     | ug/l   | 99     |
| 42) 1,2-Dichloroethane         | 6.21  | 62   | 1319     | 0.382     | ug/l   | 80     |
| 44) Trichloroethene            | 7.22  | 130  | 256683   | 100.497   | ug/l   | 95     |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 5377     | 2.385     | ug/l   | 93     |
| 49) 1,4-Dioxane                | 7.77  | 88   | 33       | 0.556     | ug/l # | 16     |
| 51) 4-Methyl-2-Pentanone       | 8.72  | 43   | 2421     | 0.661     | ug/l # | 1      |
| 60) Dibromochloromethane       | 9.34  | 129  | 5099     | 5.063     | ug/l # | 11     |
| 64) Tetrachloroethene          | 9.34  | 164  | 5693     | 2.145     | ug/l   | 97     |
| 65) Chlorobenzene              | 10.14 | 112  | 27149    | 4.168     | ug/l   | 100    |
| 76) 1,2,3-Trichloropropane     | 11.14 | 75   | 82311    | 28.043    | ug/l # | 39     |
| 81) trans-1,4-Dichloro-2-buten | 11.14 | 75   | 82311    | 85.122    | ug/l # | 6      |
| 87) 1,3-Dichlorobenzene        | 12.03 | 146  | 1521     | 0.304     | ug/l   | 97     |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 14787    | 2.837     | ug/l   | 91     |
| 90) Hexachloroethane           | 12.76 | 117  | 21       | 3.391     | ug/l # | 1      |
| 91) 1,2-Dichlorobenzene        | 12.40 | 146  | 24676    | 4.881     | ug/l   | 98     |

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ALS Vial : 44 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
LF001MW002-180419

Quant Time: Apr 28 07:11:42 2018  
Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X042618W.M  
Quant Title : SW846 8260  
QLast Update : Fri Apr 27 01:51:42 2018  
Response via : Initial Calibration

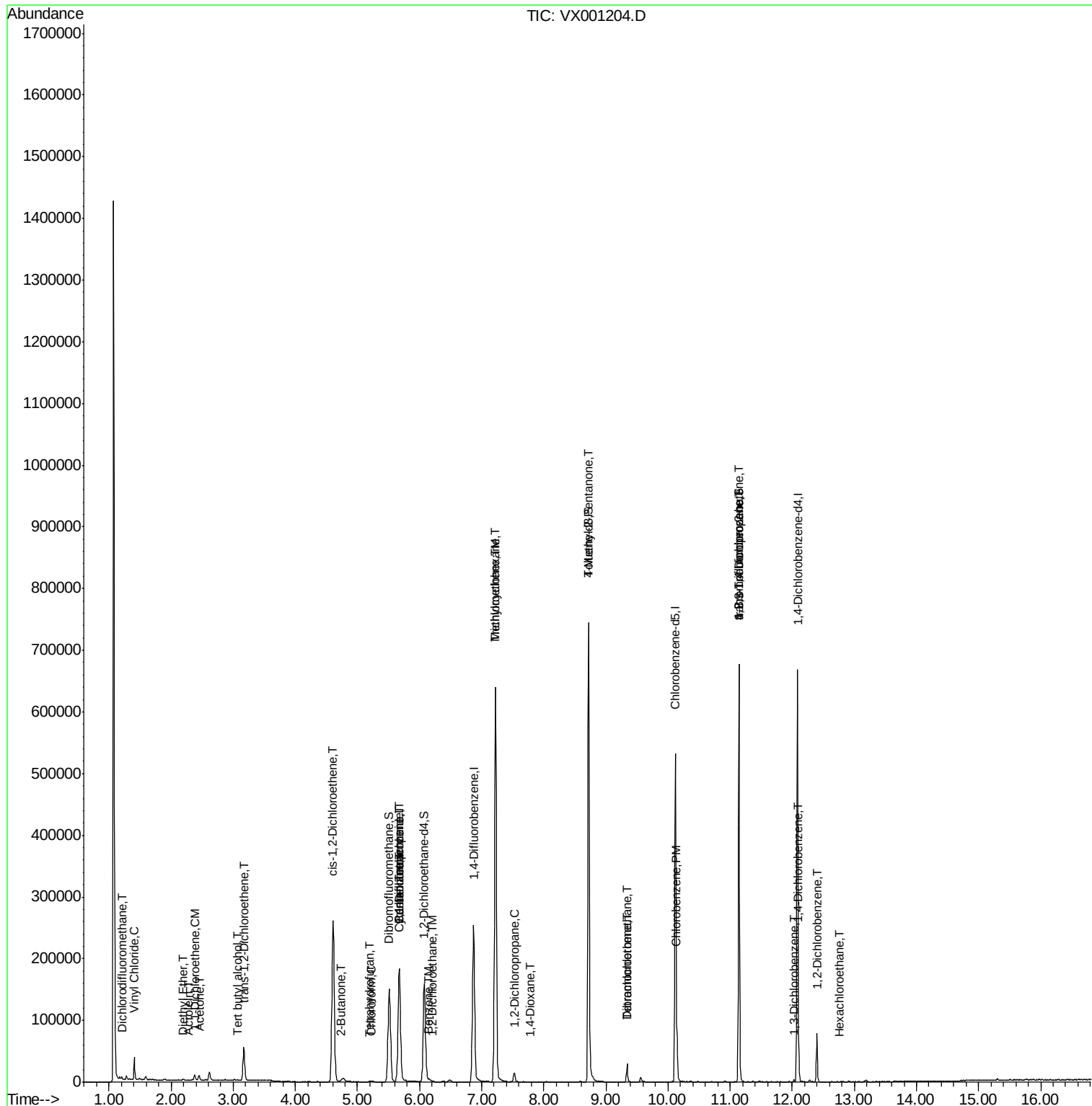
| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|--------------------|------|------|----------|------|-------|----------|
|--------------------|------|------|----------|------|-------|----------|

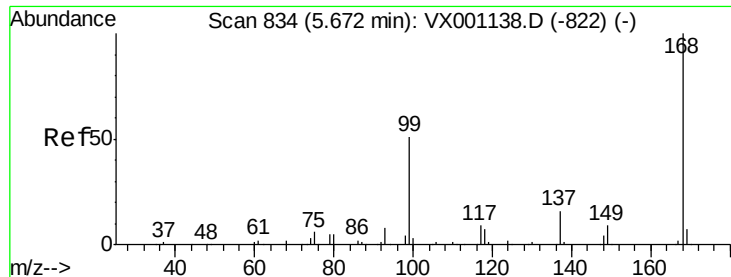
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001204.D

Acq: 28 Apr 2018 06:31

Instrument :

MSVOA\_X

ClientSampleId :

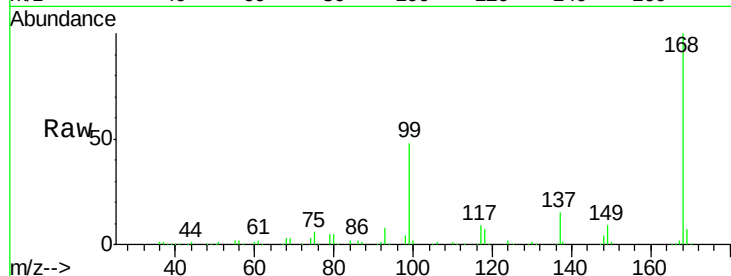
LF001MW002-180419

Tgt Ion:168 Resp: 194845

Ion Ratio Lower Upper

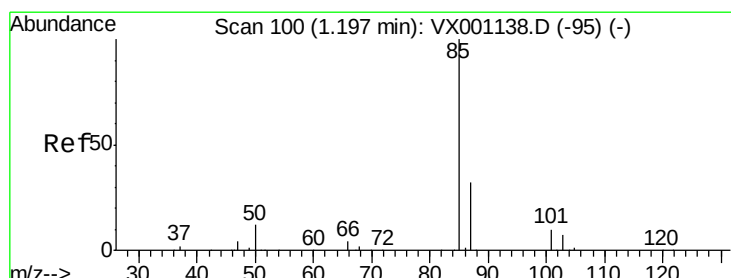
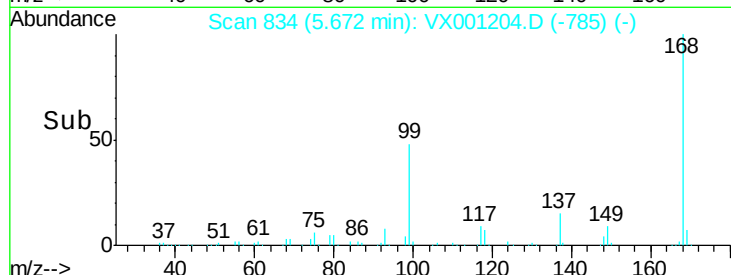
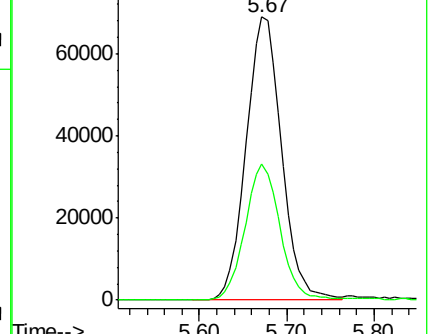
168 100

99 48.0 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.222 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001204.D

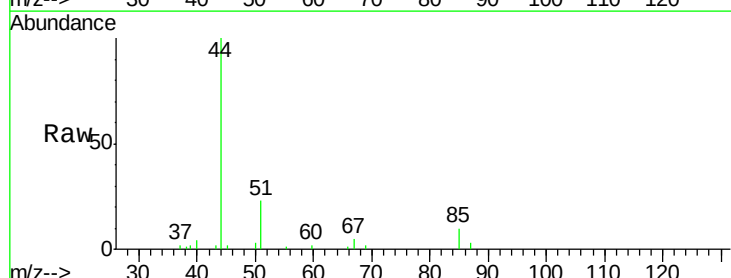
Acq: 28 Apr 2018 06:31

Tgt Ion: 85 Resp: 453

Ion Ratio Lower Upper

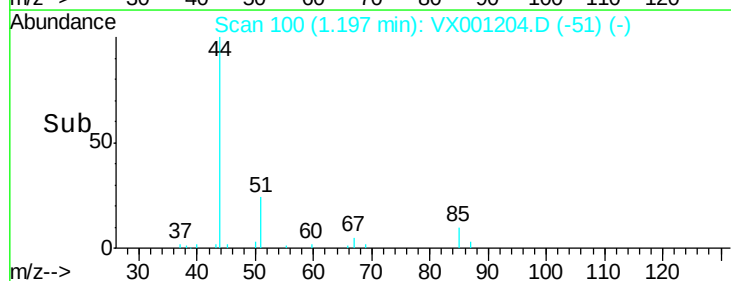
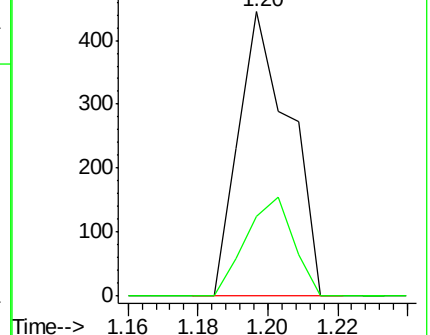
85 100

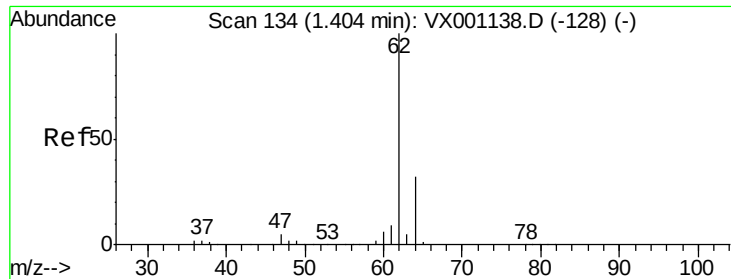
87 27.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#4

Vinyl Chloride

Concen: 10.780 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001204.D

Acq: 28 Apr 2018 06:31

Instrument :

MSVOA\_X

ClientSampleId :

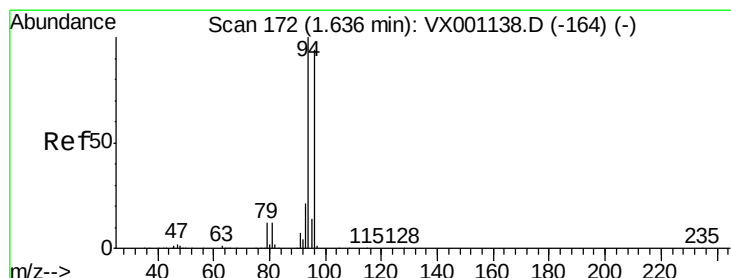
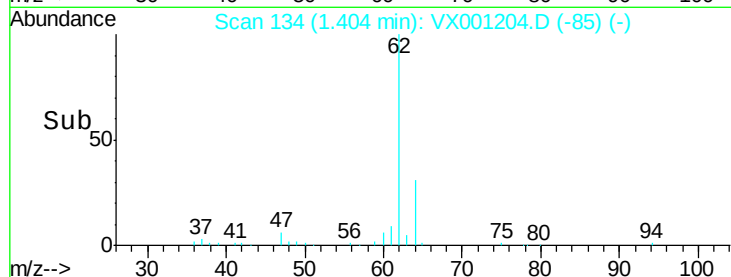
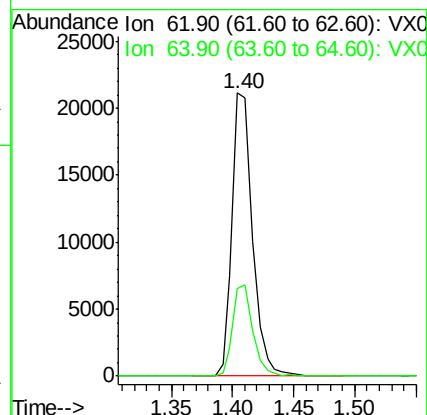
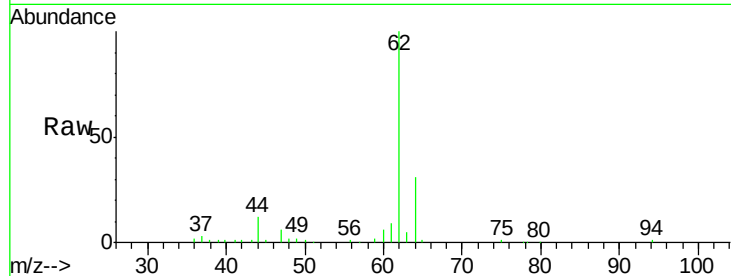
LF001MW002-180419

Tgt Ion: 62 Resp: 24476

Ion Ratio Lower Upper

62 100

64 31.0 25.6 38.4



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX001204.D

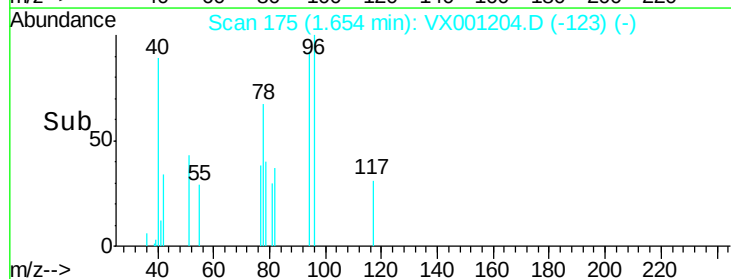
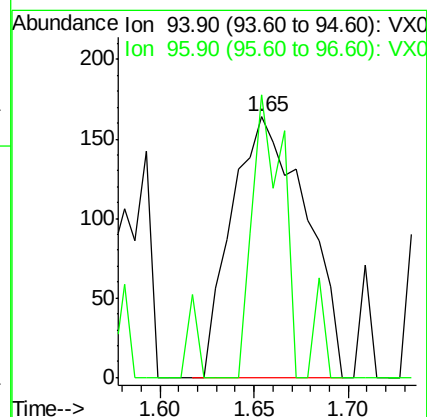
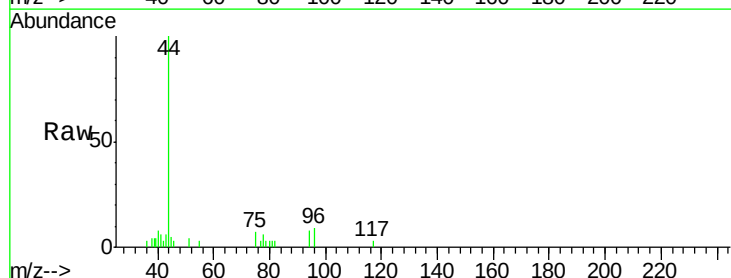
Acq: 28 Apr 2018 06:31

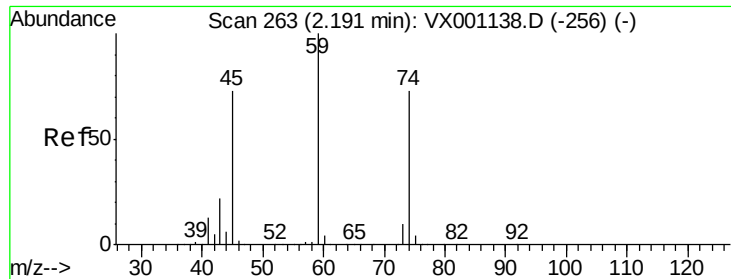
Tgt Ion: 94 Resp: 448

Ion Ratio Lower Upper

94 100

96 108.5 75.3 112.9

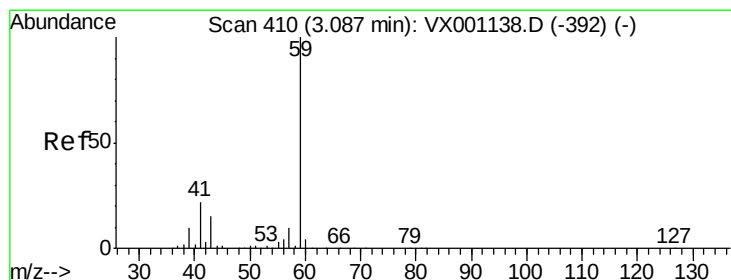
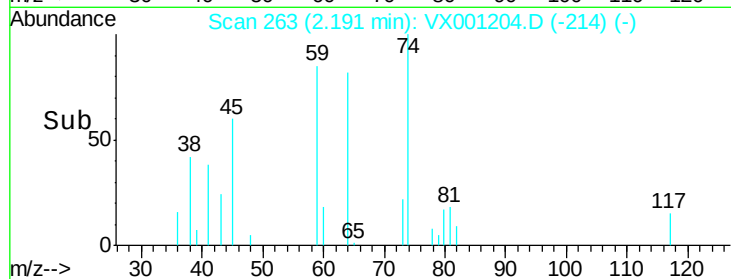
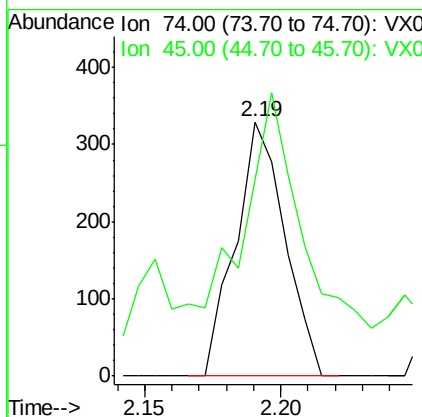
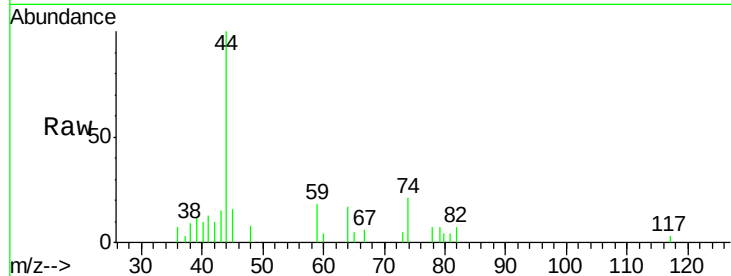




#8  
 Diethyl Ether  
 Concen: 0.293 ug/l  
 RT: 2.19 min Scan# 263  
 Delta R.T. -0.00 min  
 Lab File: VX001204.D  
 Acq: 28 Apr 2018 06:31

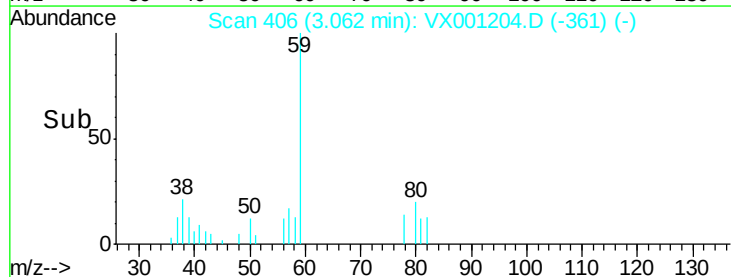
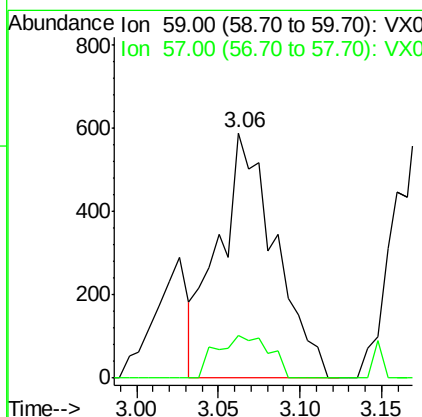
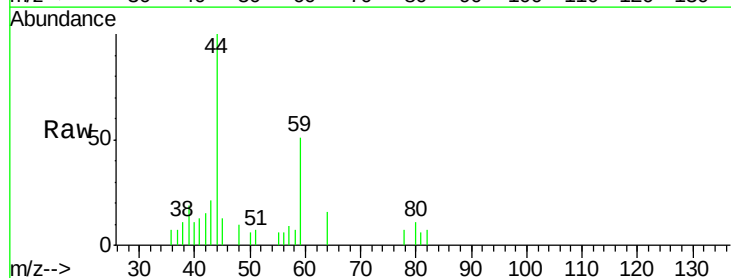
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LF001MW002-180419

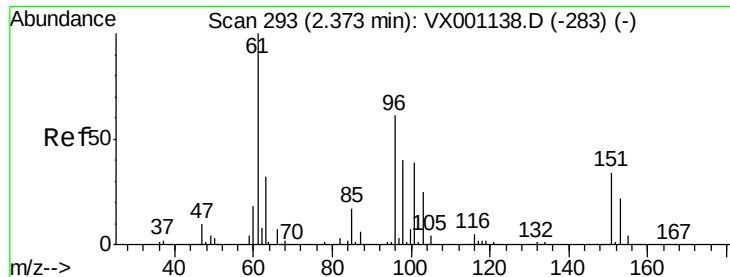
Tgt Ion: 74 Resp: 413  
 Ion Ratio Lower Upper  
 74 100  
 45 96.9 49.5 148.7



#11  
 Tert butyl alcohol  
 Concen: 2.366 ug/l  
 RT: 3.06 min Scan# 406  
 Delta R.T. -0.02 min  
 Lab File: VX001204.D  
 Acq: 28 Apr 2018 06:31

Tgt Ion: 59 Resp: 1409  
 Ion Ratio Lower Upper  
 59 100  
 57 15.8 8.2 12.4#

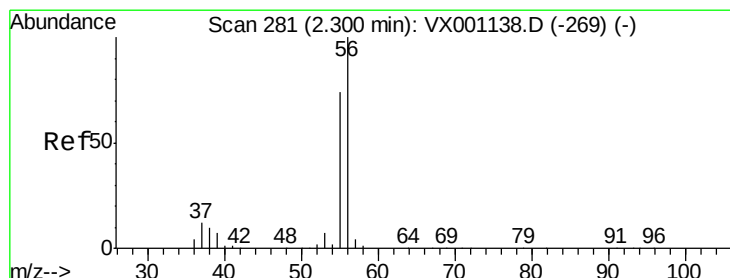
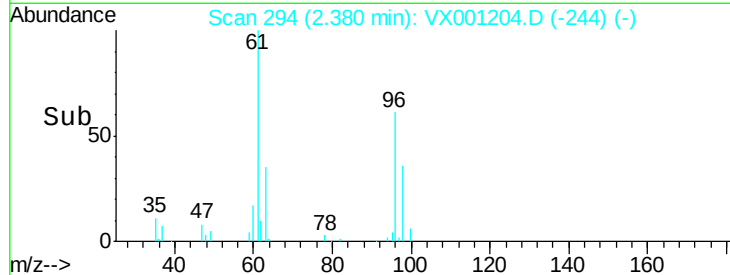
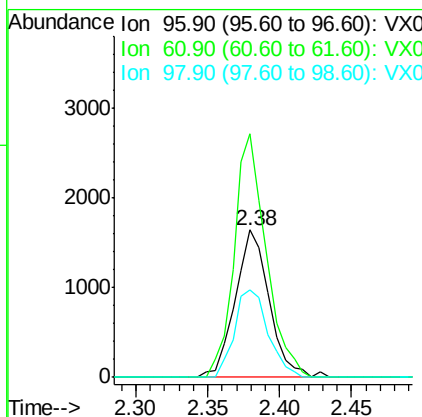
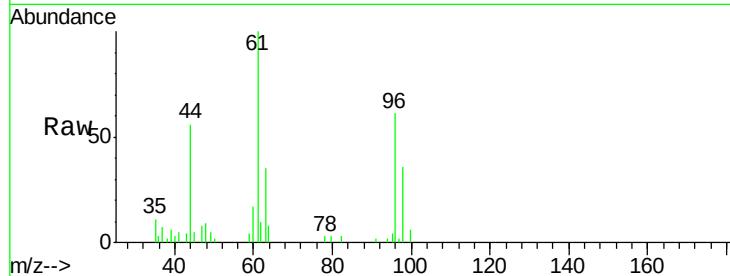




#12  
 1,1-Dichloroethene  
 Concen: 1.376 ug/l  
 RT: 2.38 min Scan# 294  
 Delta R.T. 0.01 min  
 Lab File: VX001204.D  
 Acq: 28 Apr 2018 06:31

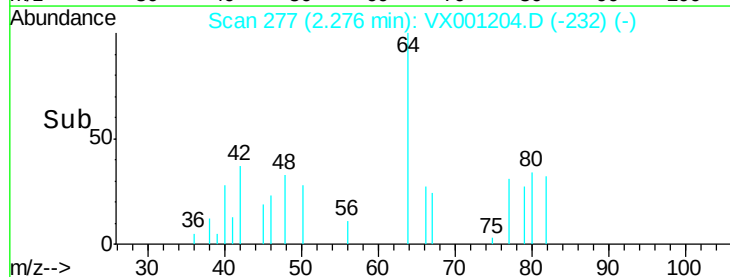
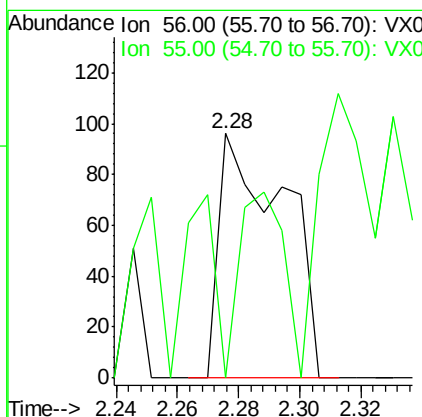
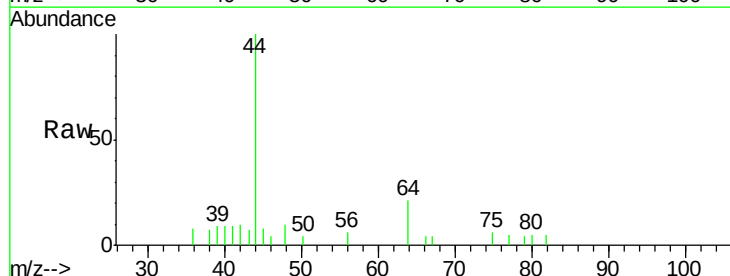
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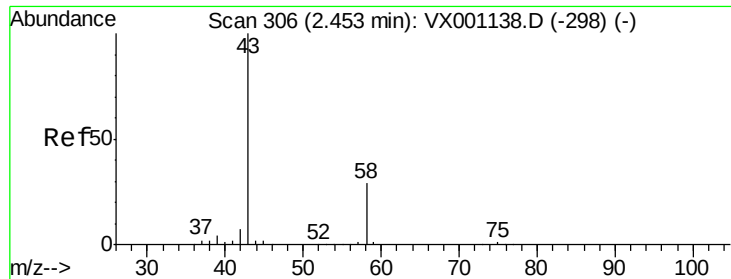
Tgt Ion: 96 Resp: 2711  
 Ion Ratio Lower Upper  
 96 100  
 61 165.1 130.2 195.4  
 98 58.9 51.5 77.3



#13  
 Acrolein  
 Concen: 0.622 ug/l  
 RT: 2.28 min Scan# 277  
 Delta R.T. -0.02 min  
 Lab File: VX001204.D  
 Acq: 28 Apr 2018 06:31

Tgt Ion: 56 Resp: 140  
 Ion Ratio Lower Upper  
 56 100  
 55 35.0 57.2 85.8#





#16

Acetone

Concen: 5.947 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001204.D

Acq: 28 Apr 2018 06:31

Instrument :

MSVOA\_X

ClientSampleId :

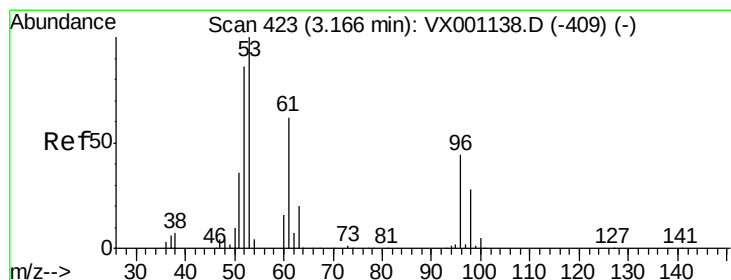
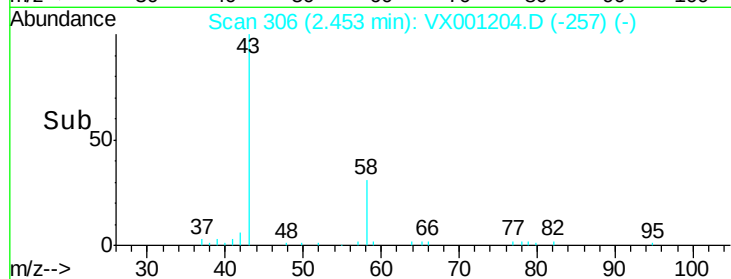
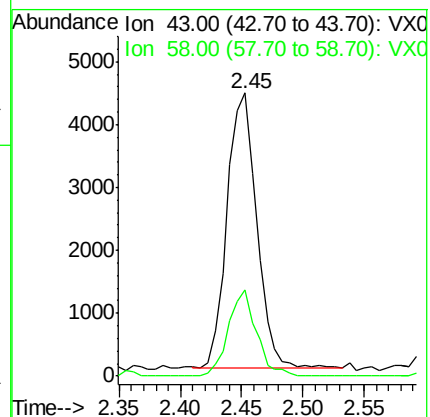
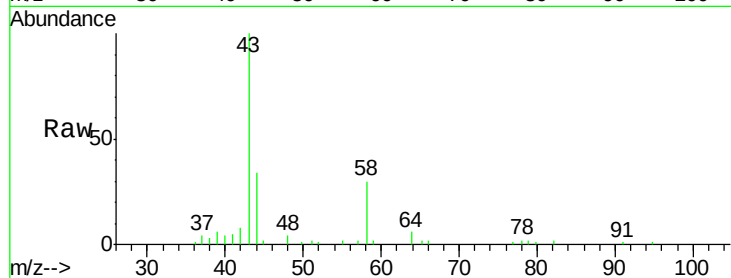
LF001MW002-180419

Tgt Ion: 43 Resp: 7386

Ion Ratio Lower Upper

43 100

58 31.1 23.0 34.6



#21

trans-1,2-Dichloroethene

Concen: 10.232 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001204.D

Acq: 28 Apr 2018 06:31

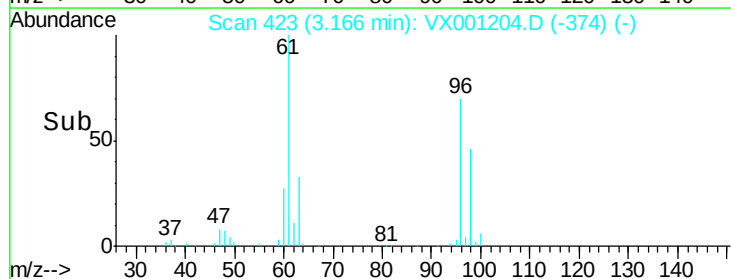
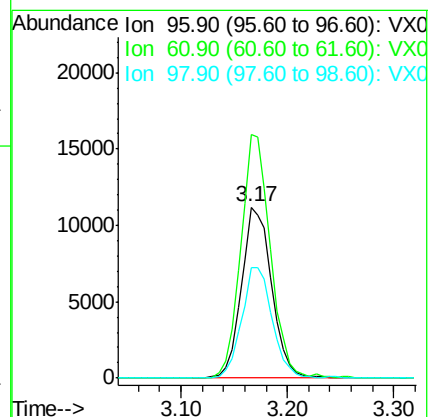
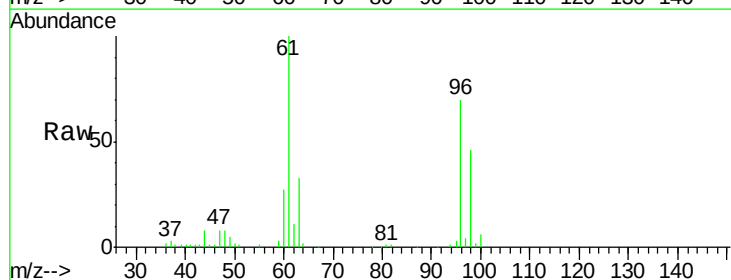
Tgt Ion: 96 Resp: 22286

Ion Ratio Lower Upper

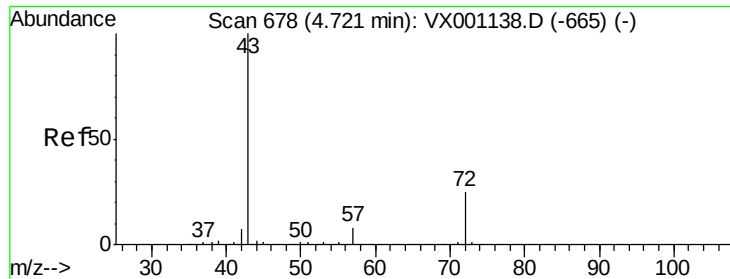
96 100

61 142.6 111.9 167.9

98 65.1 51.1 76.7







#25

2-Butanone

Concen: 0.566 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.01 min

Lab File: VX001204.D

Acq: 28 Apr 2018 06:31

Instrument :

MSVOA\_X

ClientSampleId :

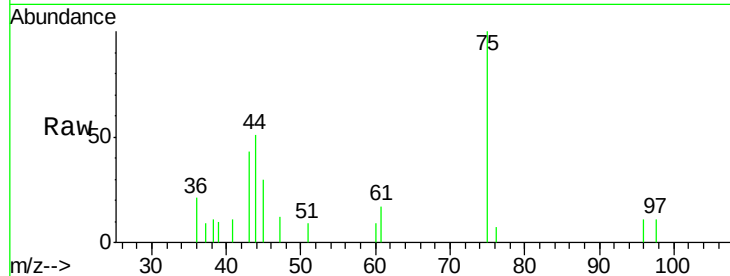
LF001MW002-180419

Tgt Ion: 43 Resp: 1052

Ion Ratio Lower Upper

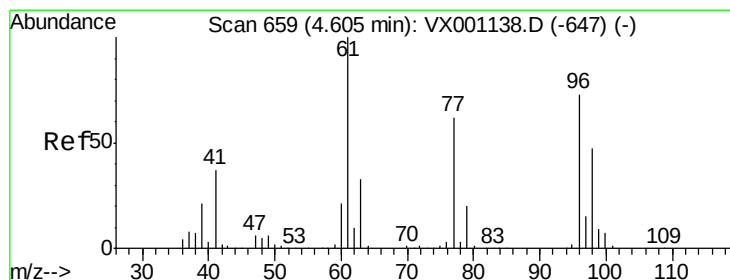
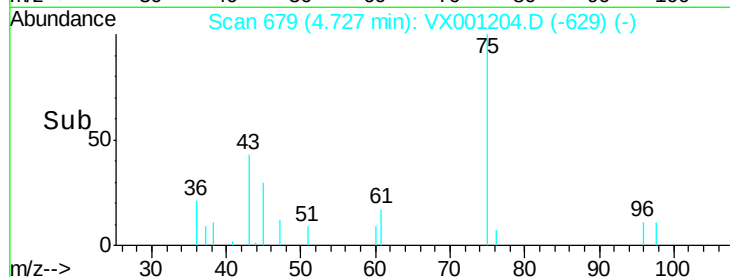
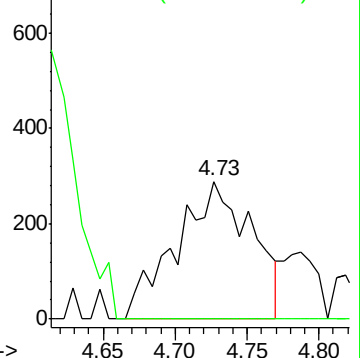
43 100

72 0.0 20.0 30.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#27

cis-1,2-Dichloroethene

Concen: 69.808 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001204.D

Acq: 28 Apr 2018 06:31

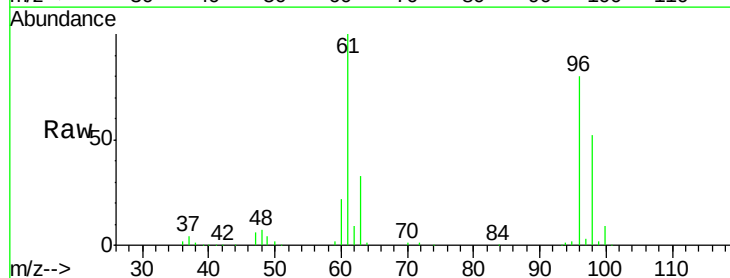
Tgt Ion: 96 Resp: 166480

Ion Ratio Lower Upper

96 100

61 125.3 0.0 289.0

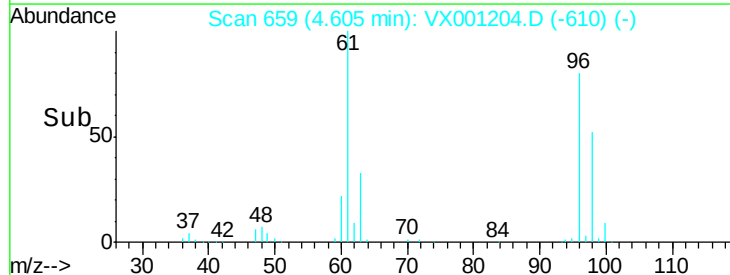
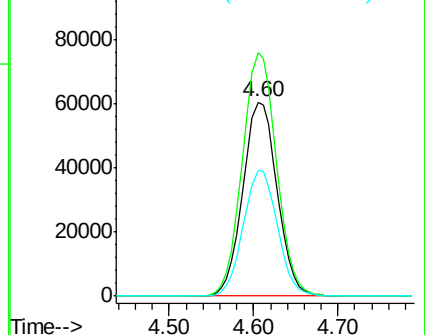
98 64.9 0.0 128.2

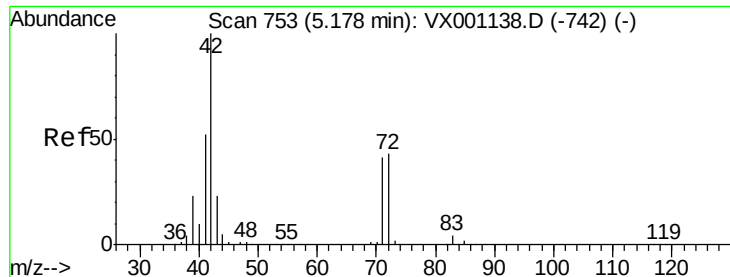


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

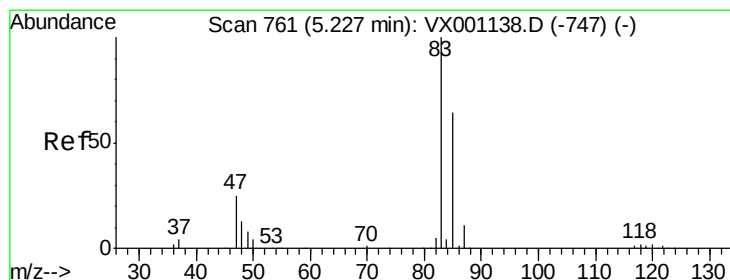
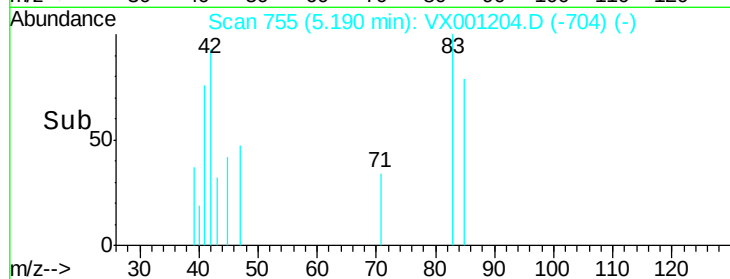
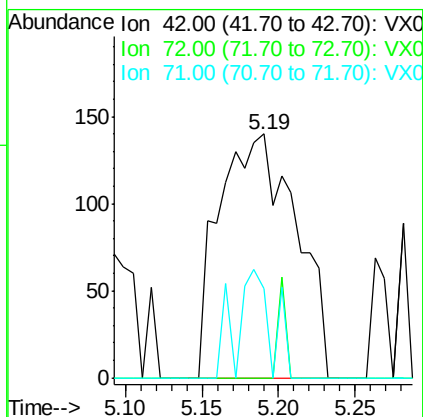
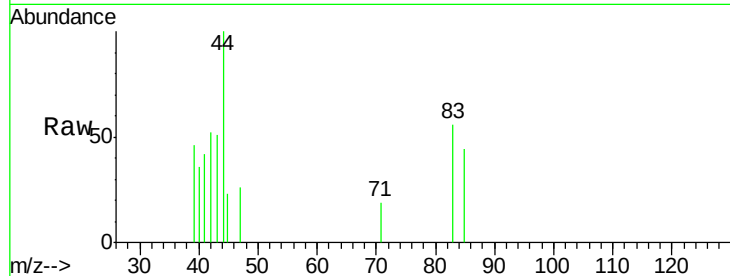




#29  
Tetrahydrofuran  
Concen: 0.412 ug/l  
RT: 5.19 min Scan# 755  
Delta R.T. 0.01 min  
Lab File: VX001204.D  
Acq: 28 Apr 2018 06:31

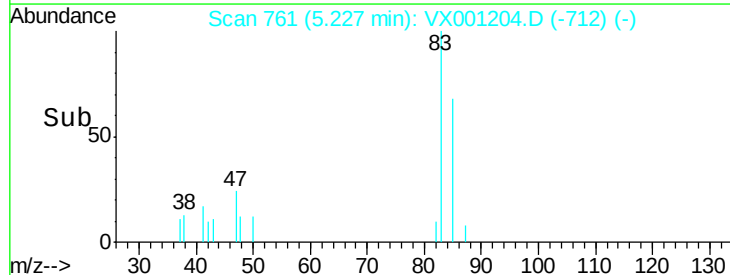
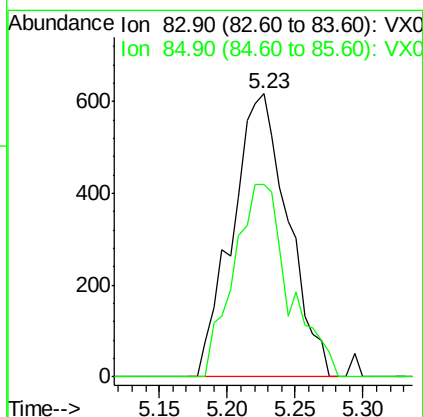
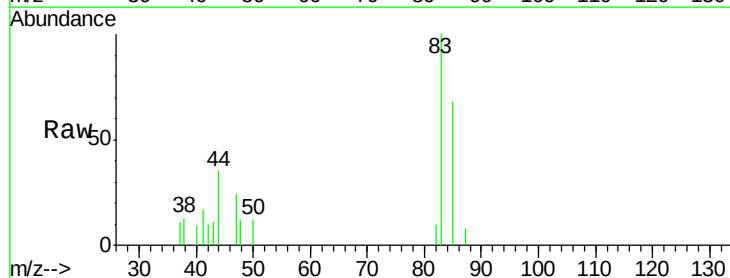
Instrument :  
MSVOA\_X  
ClientSampleId :  
LF001MW002-180419

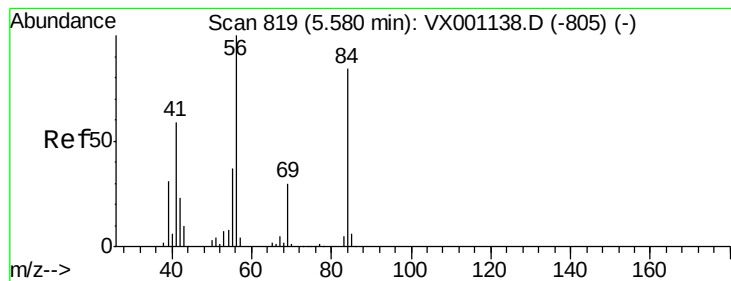
Tgt Ion: 42 Resp: 492  
Ion Ratio Lower Upper  
42 100  
72 4.3 34.4 51.6#  
71 20.1 32.1 48.1#



#30  
Chloroform  
Concen: 0.438 ug/l  
RT: 5.23 min Scan# 761  
Delta R.T. -0.00 min  
Lab File: VX001204.D  
Acq: 28 Apr 2018 06:31

Tgt Ion: 83 Resp: 1760  
Ion Ratio Lower Upper  
83 100  
85 67.9 51.4 77.0





#31

Cyclohexane

Concen: 1.095 ug/l

RT: 5.66 min Scan# 832

Delta R.T. 0.08 min

Lab File: VX001204.D

Acq: 28 Apr 2018 06:31

Instrument :

MSVOA\_X

ClientSampleId :

LF001MW002-180419

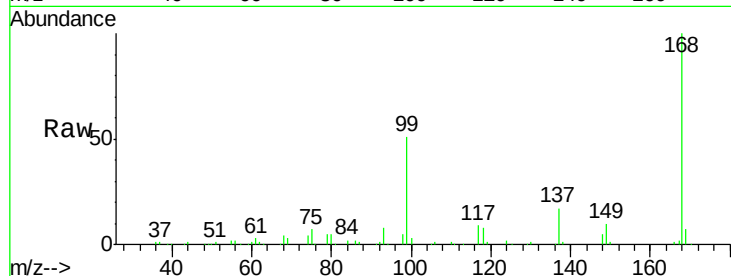
Tgt Ion: 56 Resp: 3516

Ion Ratio Lower Upper

56 100

69 141.6 24.2 36.2#

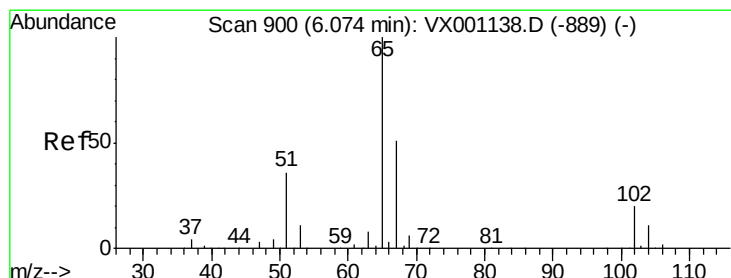
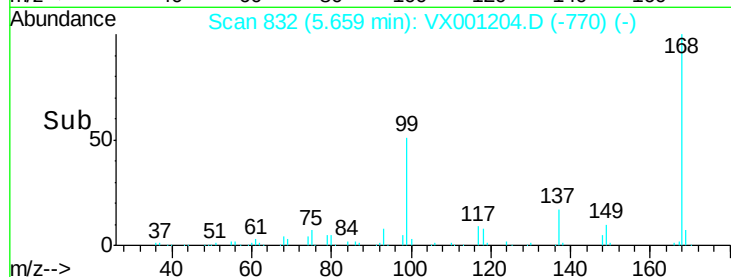
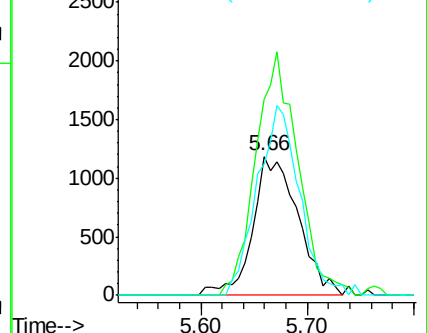
84 94.2 67.5 101.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.497 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001204.D

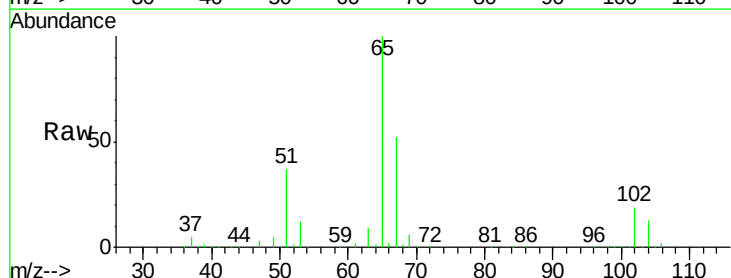
Acq: 28 Apr 2018 06:31

Tgt Ion: 65 Resp: 152517

Ion Ratio Lower Upper

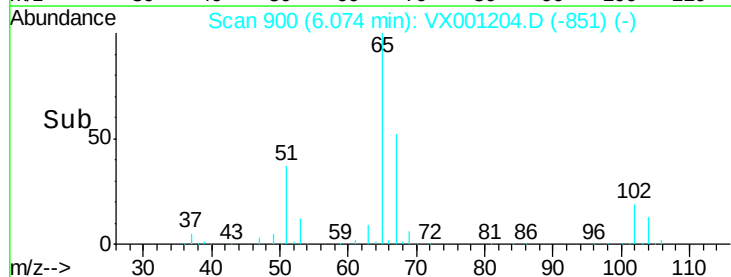
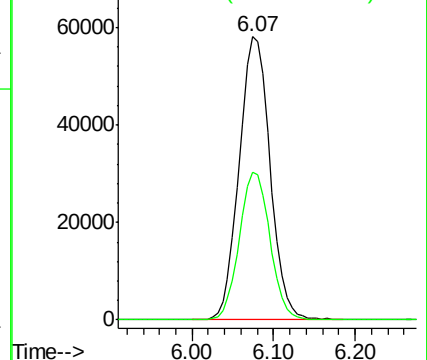
65 100

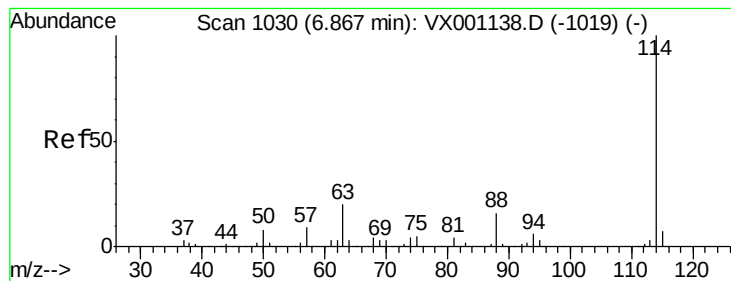
67 51.6 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001204.D

Acq: 28 Apr 2018 06:31

Instrument :

MSVOA\_X

ClientSampleId :

LF001MW002-180419

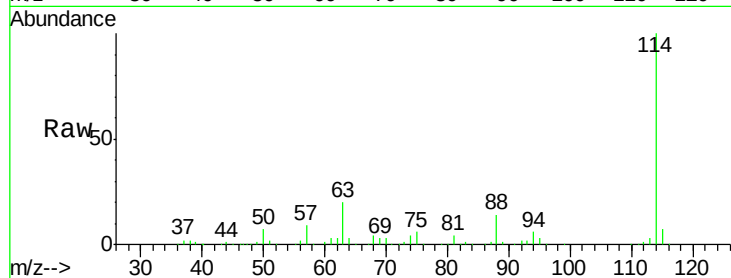
Tgt Ion:114 Resp: 268947

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.4

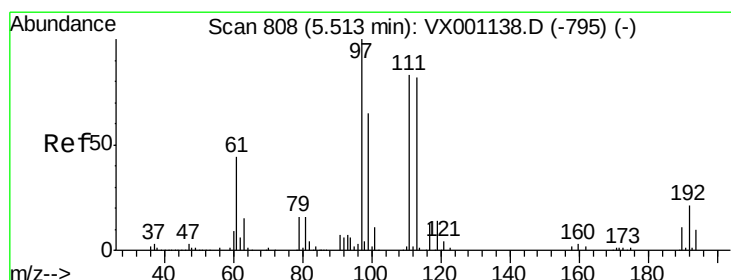
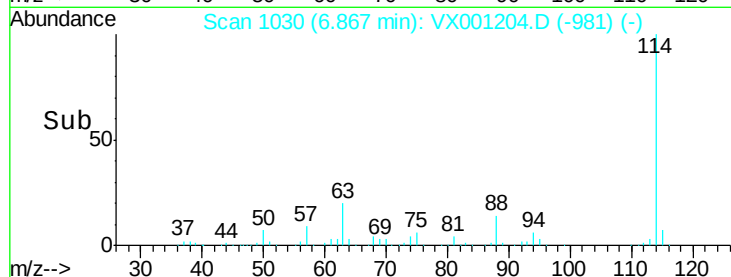
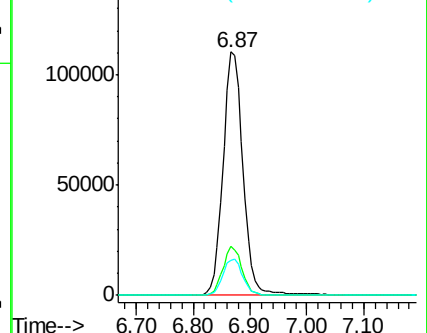
88 14.2 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 53.997 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001204.D

Acq: 28 Apr 2018 06:31

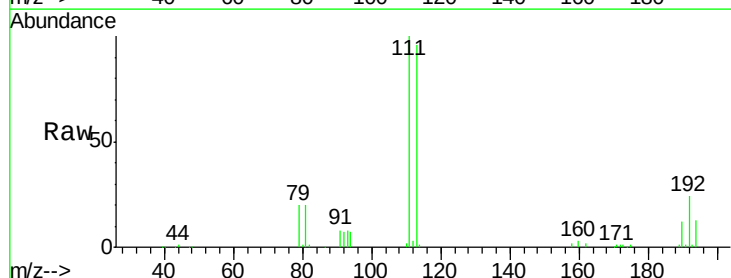
Tgt Ion:113 Resp: 120202

Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.4

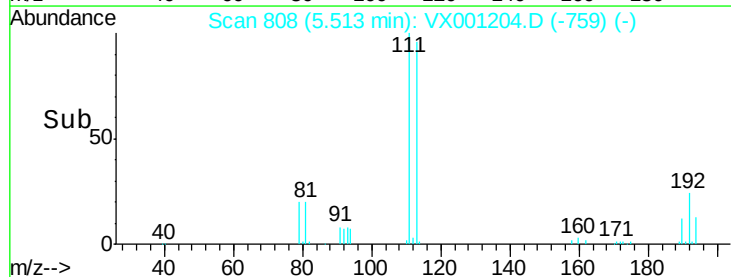
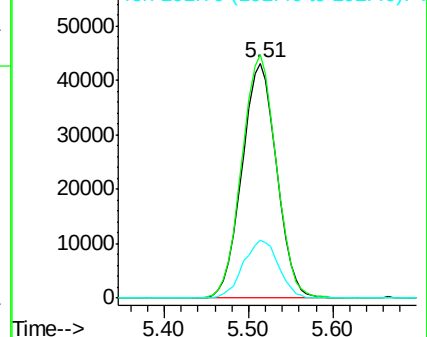
192 25.2 20.6 30.8

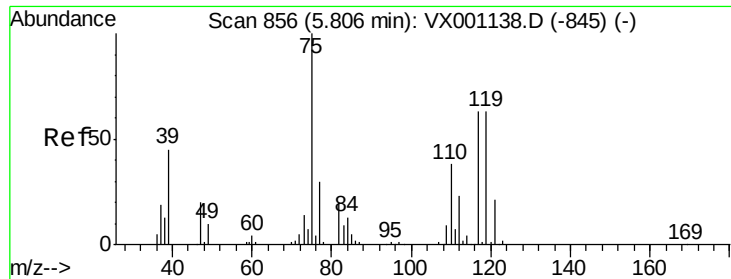


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

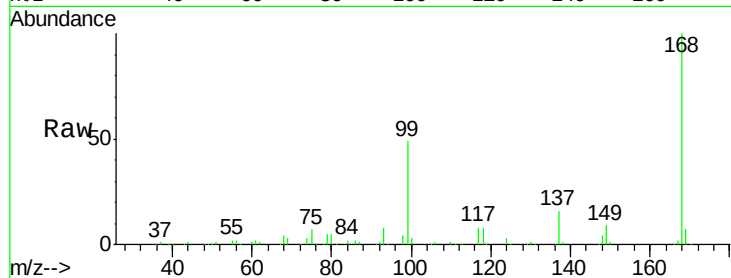




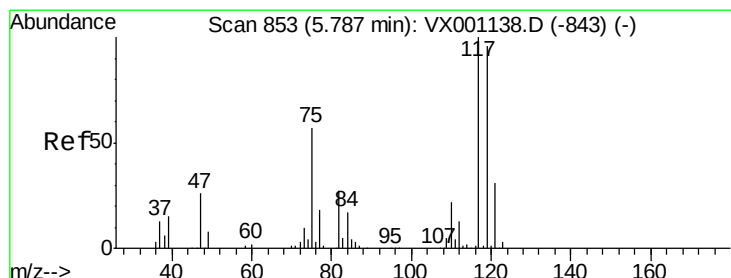
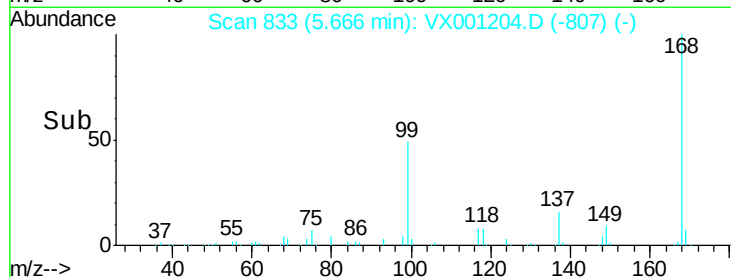
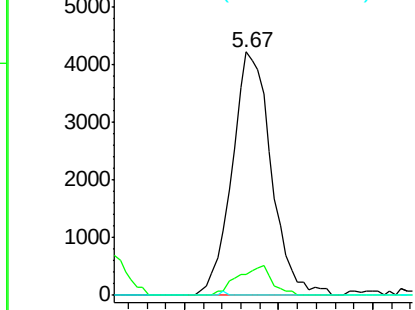
#36  
 1,1-Dichloropropene  
 Concen: 4.126 ug/l  
 RT: 5.67 min Scan# 833  
 Delta R.T. -0.14 min  
 Lab File: VX001204.D  
 Acq: 28 Apr 2018 06:31

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LF001MW002-180419

Tgt Ion: 75 Resp: 12228  
 Ion Ratio Lower Upper  
 75 100  
 110 10.7 19.0 57.0#  
 77 0.0 24.8 37.2#

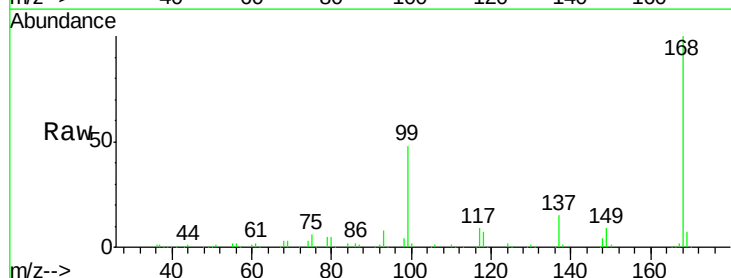


Abundance Ion 74.90 (74.60 to 75.60): VX0  
 Ion 109.90 (109.60 to 110.60): V  
 Ion 76.90 (76.60 to 77.60): VX0

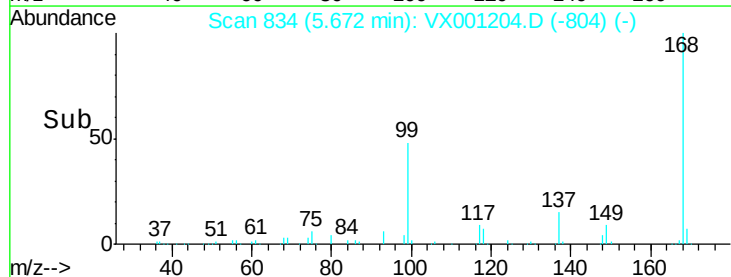
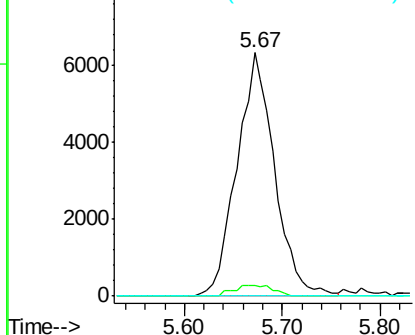


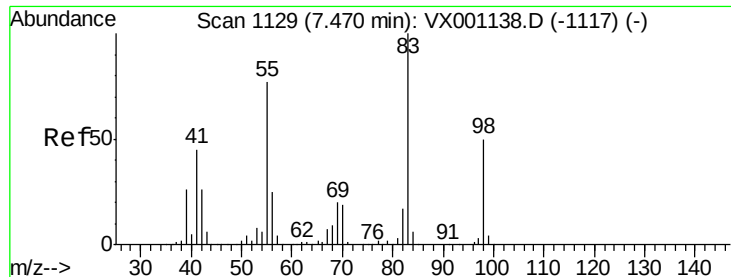
#38  
 Carbon Tetrachloride  
 Concen: 5.564 ug/l  
 RT: 5.67 min Scan# 834  
 Delta R.T. -0.12 min  
 Lab File: VX001204.D  
 Acq: 28 Apr 2018 06:31

Tgt Ion: 117 Resp: 16908  
 Ion Ratio Lower Upper  
 117 100  
 119 4.4 76.5 114.7#  
 121 0.0 24.6 37.0#



Abundance Ion 116.80 (116.50 to 117.50): V  
 Ion 118.80 (118.50 to 119.50): V  
 Ion 120.80 (120.50 to 121.50): V

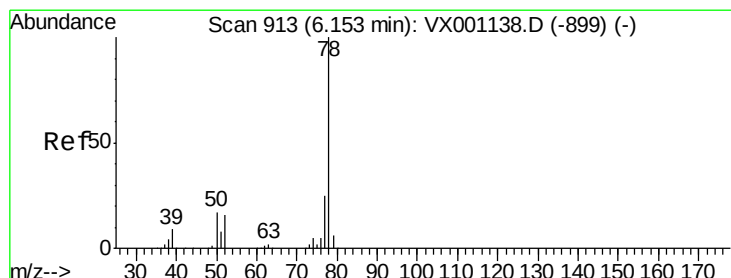
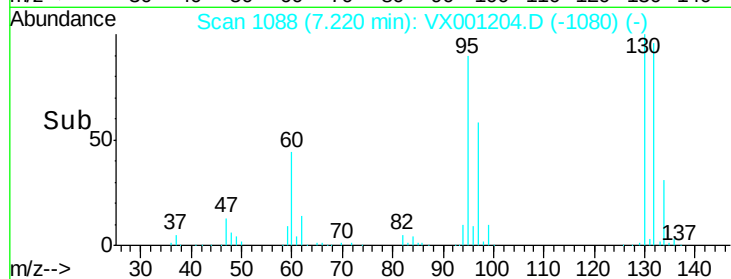
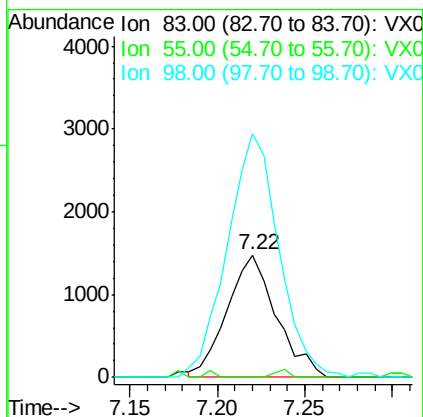
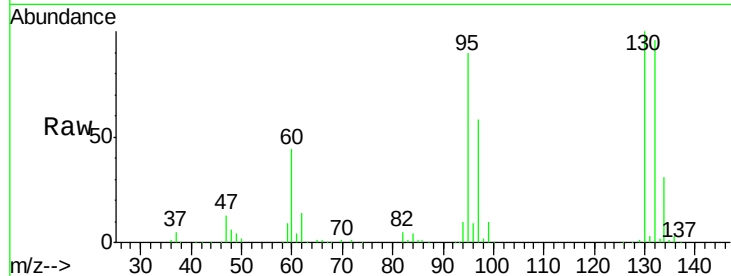




#39  
Methylcyclohexane  
Concen: 0.884 ug/l  
RT: 7.22 min Scan# 1088  
Delta R.T. -0.25 min  
Lab File: VX001204.D  
Acq: 28 Apr 2018 06:31

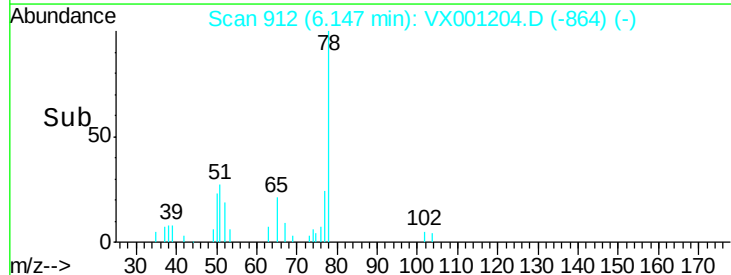
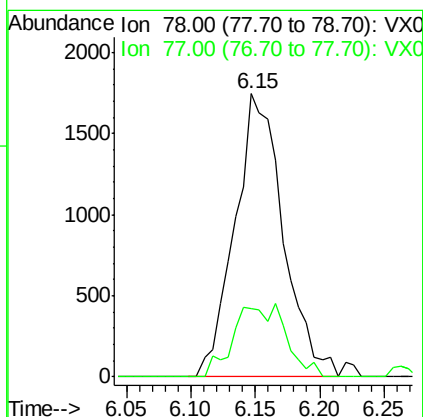
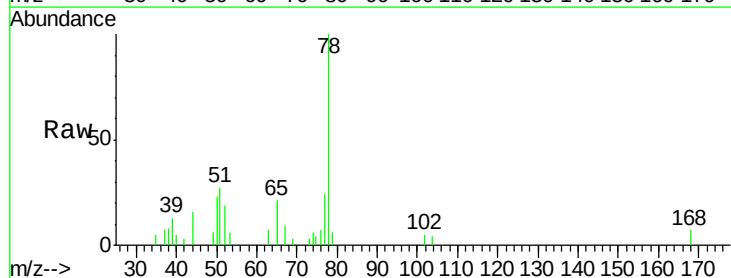
Instrument :  
MSVOA\_X  
ClientSampleId :  
LF001MW002-180419

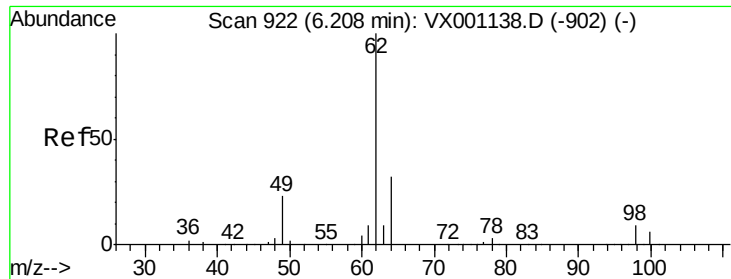
Tgt Ion: 83 Resp: 2901  
Ion Ratio Lower Upper  
83 100  
55 0.0 61.8 92.6#  
98 195.5 40.0 60.0#



#40  
Benzene  
Concen: 0.532 ug/l  
RT: 6.15 min Scan# 912  
Delta R.T. -0.01 min  
Lab File: VX001204.D  
Acq: 28 Apr 2018 06:31

Tgt Ion: 78 Resp: 4557  
Ion Ratio Lower Upper  
78 100  
77 24.1 19.7 29.5





#42

1,2-Dichloroethane

Concen: 0.382 ug/l

RT: 6.21 min Scan# 923

Delta R.T. 0.01 min

Lab File: VX001204.D

Acq: 28 Apr 2018 06:31

Instrument :

MSVOA\_X

ClientSampleId :

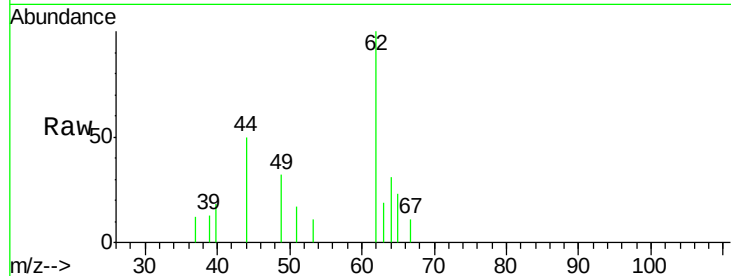
LF001MW002-180419

Tgt Ion: 62 Resp: 1319

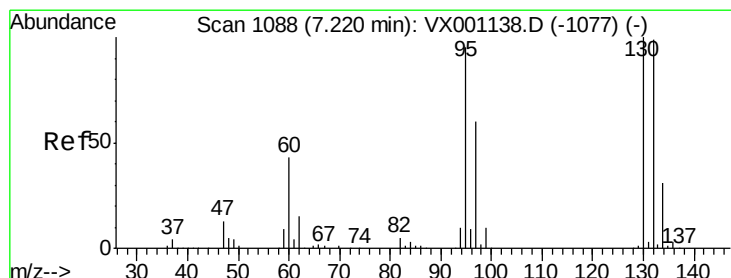
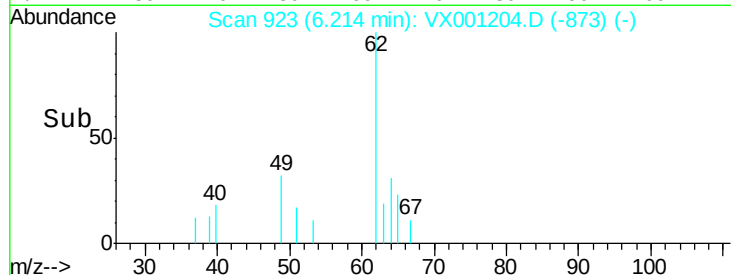
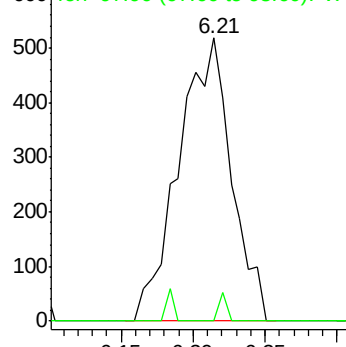
Ion Ratio Lower Upper

62 100

98 1.4 0.0 17.0



Abundance Ion 61.90 (61.60 to 62.60): VX001138.D (-902) (-)



#44

Trichloroethene

Concen: 100.497 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001204.D

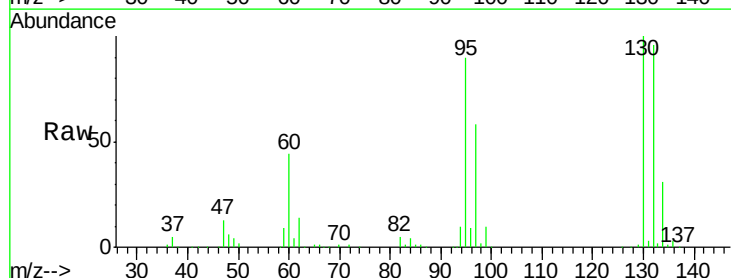
Acq: 28 Apr 2018 06:31

Tgt Ion: 130 Resp: 256683

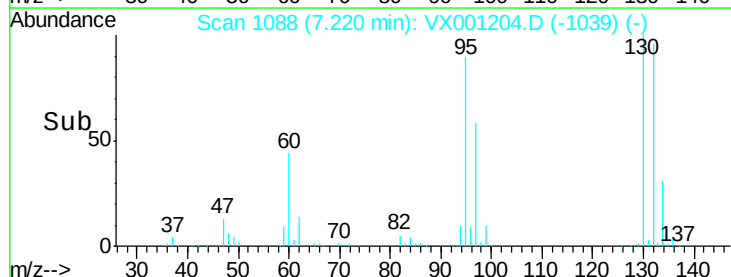
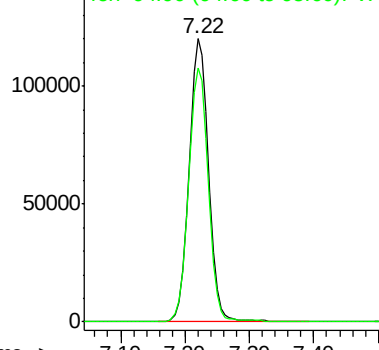
Ion Ratio Lower Upper

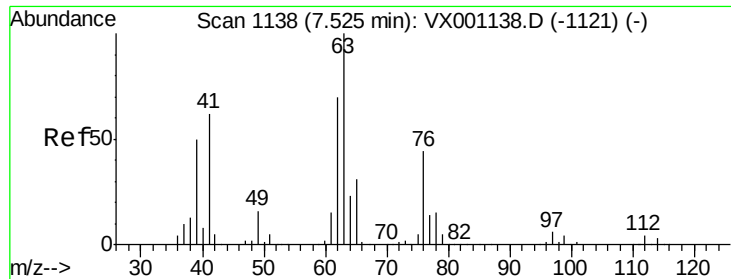
130 100

95 89.9 0.0 189.6



Abundance Ion 129.80 (129.50 to 130.50): VX001138.D (-1077) (-)

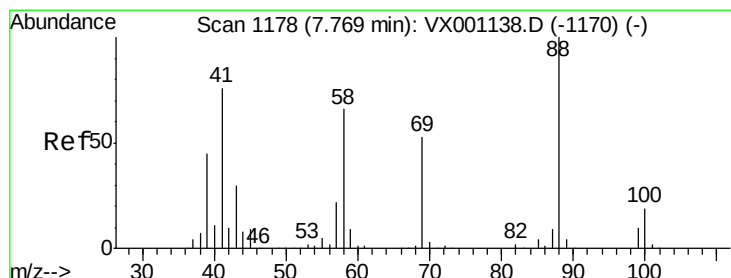
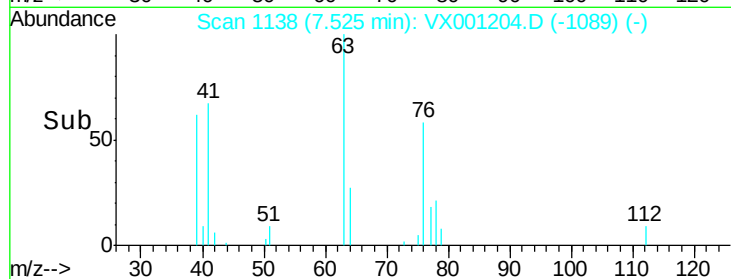
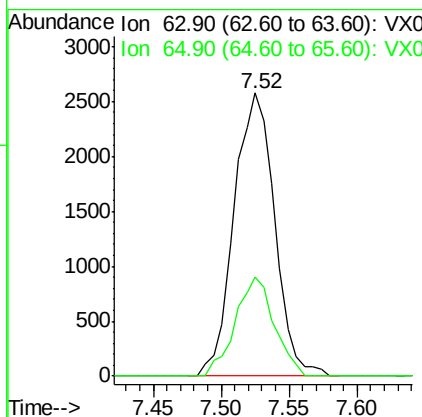
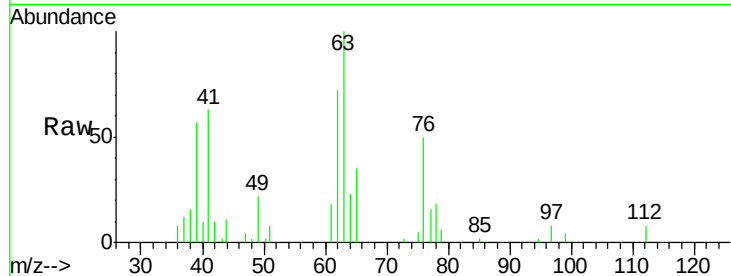




#45  
 1,2-Dichloropropane  
 Concen: 2.385 ug/l  
 RT: 7.52 min Scan# 1138  
 Delta R.T. -0.00 min  
 Lab File: VX001204.D  
 Acq: 28 Apr 2018 06:31

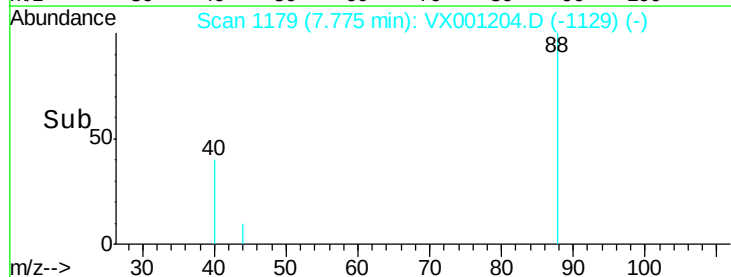
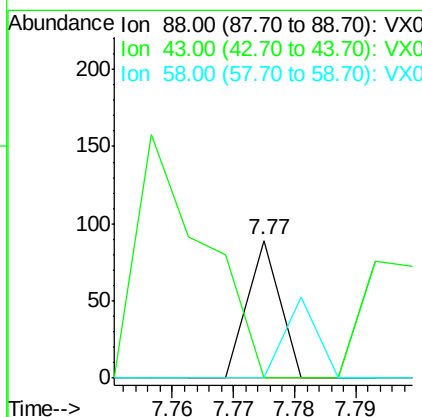
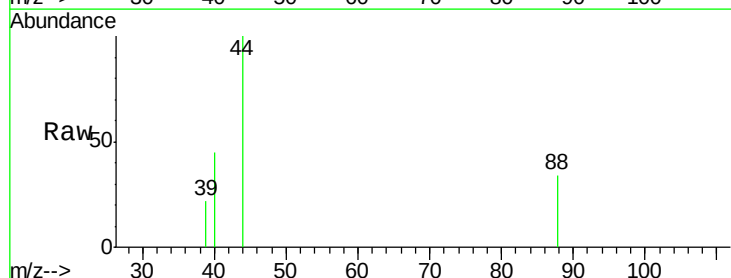
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LF001MW002-180419

Tgt Ion: 63 Resp: 5377  
 Ion Ratio Lower Upper  
 63 100  
 65 35.2 24.9 37.3

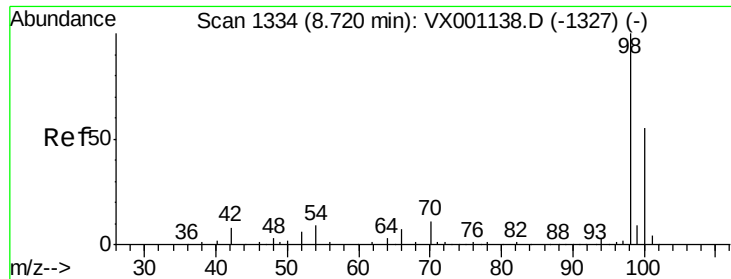


#49  
 1,4-Dioxane  
 Concen: 0.556 ug/l  
 RT: 7.77 min Scan# 1179  
 Delta R.T. 0.01 min  
 Lab File: VX001204.D  
 Acq: 28 Apr 2018 06:31

Tgt Ion: 88 Resp: 33  
 Ion Ratio Lower Upper  
 88 100  
 43 163.6 27.3 40.9#  
 58 57.6 54.2 81.4



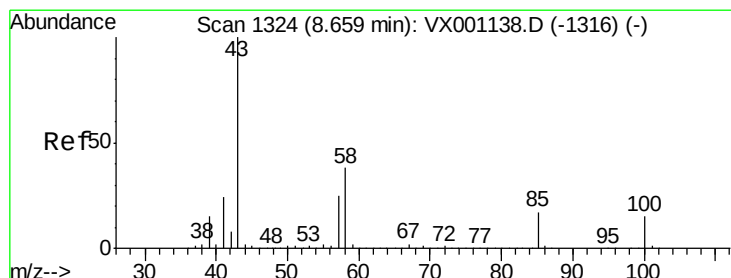
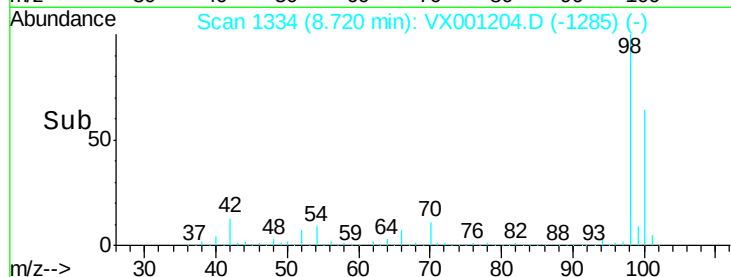
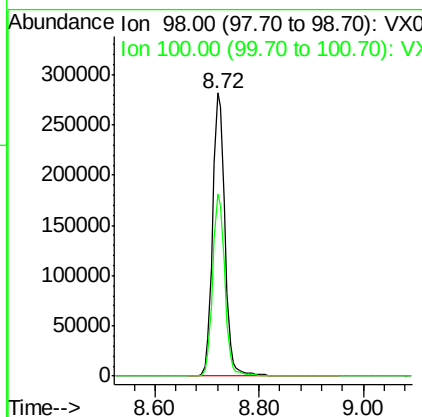
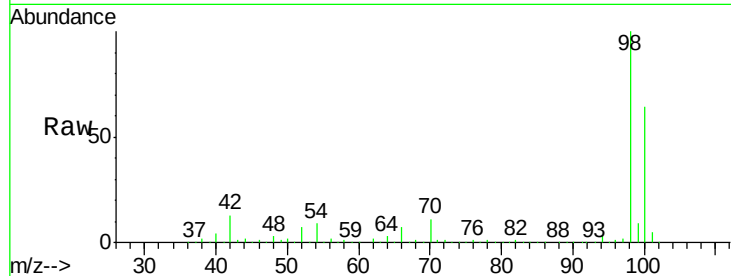




#50  
Toluene-d8  
Concen: 54.798 ug/l  
RT: 8.72 min Scan# 1334  
Delta R.T. -0.00 min  
Lab File: VX001204.D  
Acq: 28 Apr 2018 06:31

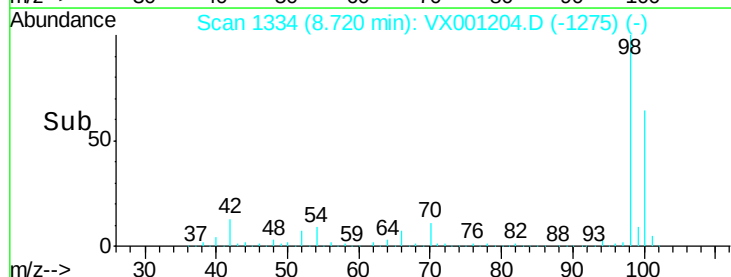
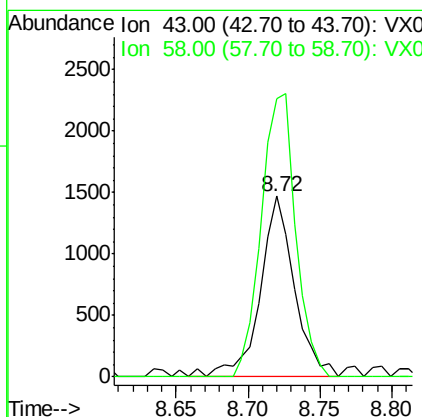
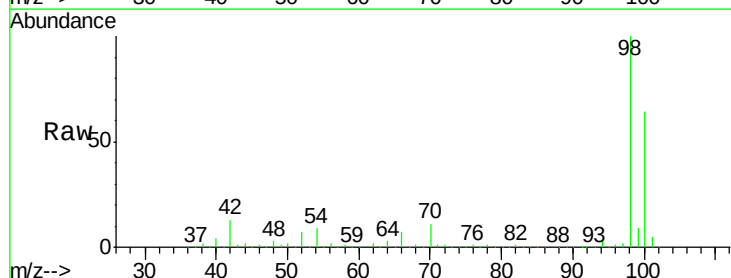
Instrument :  
MSVOA\_X  
ClientSampleId :  
LF001MW002-180419

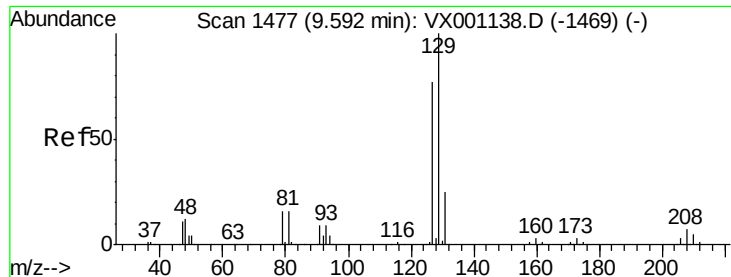
Tgt Ion: 98 Resp: 460347  
Ion Ratio Lower Upper  
98 100  
100 64.1 51.8 77.6



#51  
4-Methyl-2-Pentanone  
Concen: 0.661 ug/l  
RT: 8.72 min Scan# 1334  
Delta R.T. 0.06 min  
Lab File: VX001204.D  
Acq: 28 Apr 2018 06:31

Tgt Ion: 43 Resp: 2421  
Ion Ratio Lower Upper  
43 100  
58 157.1 30.2 45.2#





#60

Dibromochloromethane

Concen: 5.063 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.25 min

Lab File: VX001204.D

Acq: 28 Apr 2018 06:31

Instrument :

MSVOA\_X

ClientSampleId :

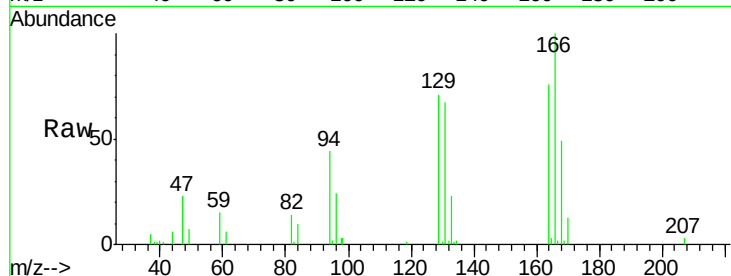
LF001MW002-180419

Tgt Ion:129 Resp: 5099

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.34

3000

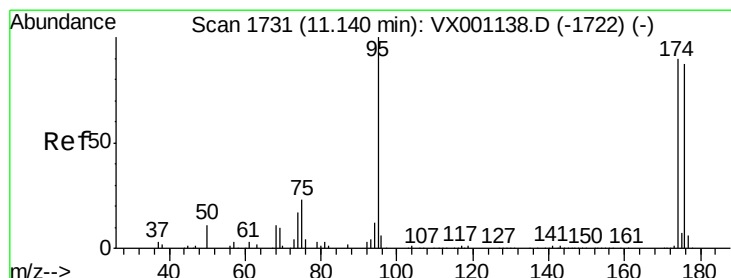
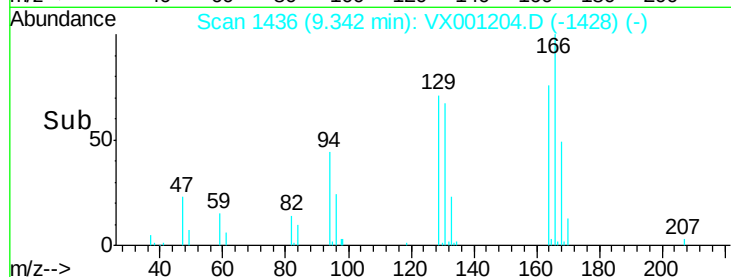
2000

1000

0

Time-->

9.30 9.35



#62

4-Bromofluorobenzene

Concen: 48.574 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001204.D

Acq: 28 Apr 2018 06:31

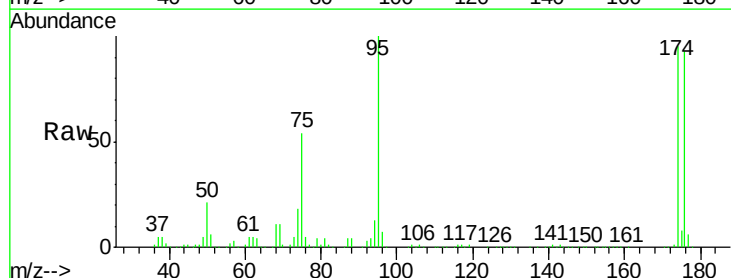
Tgt Ion: 95 Resp: 159409

Ion Ratio Lower Upper

95 100

174 102.1 0.0 194.4

176 99.4 0.0 190.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

150000

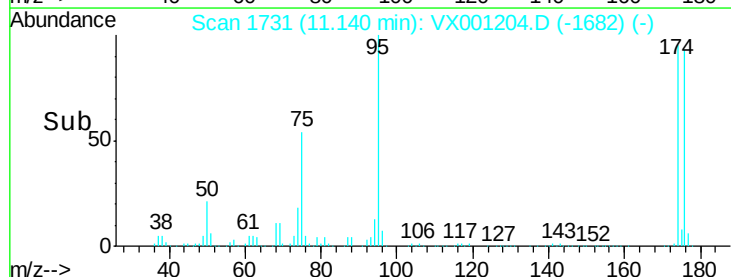
100000

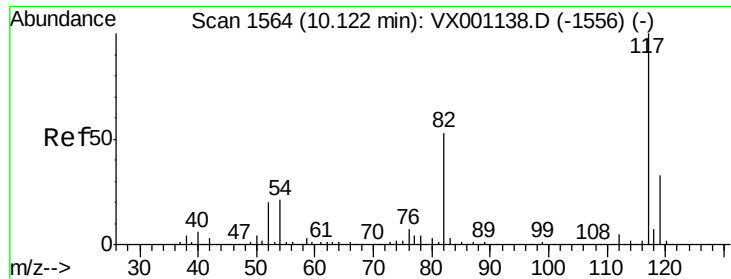
50000

0

Time-->

11.10 11.20

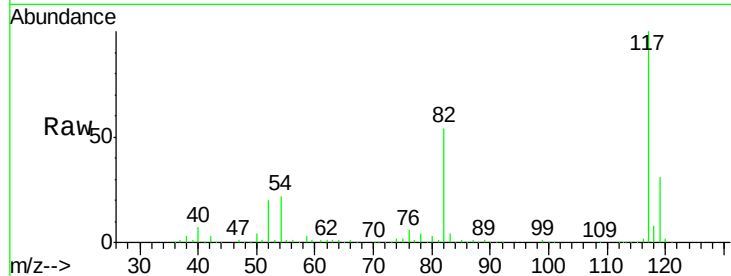




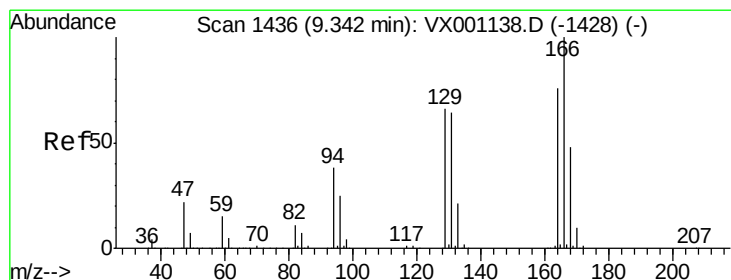
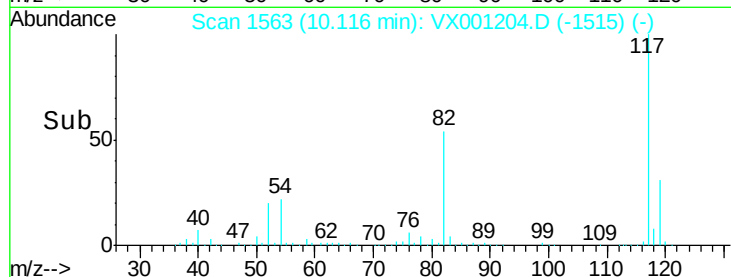
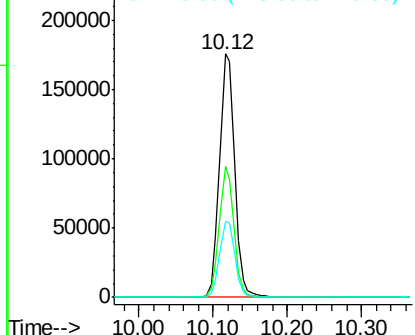
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1563  
Delta R.T. -0.01 min  
Lab File: VX001204.D  
Acq: 28 Apr 2018 06:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
LF001MW002-180419

Tgt Ion:117 Resp: 248646  
Ion Ratio Lower Upper  
117 100  
82 53.8 42.1 63.1  
119 31.4 26.1 39.1



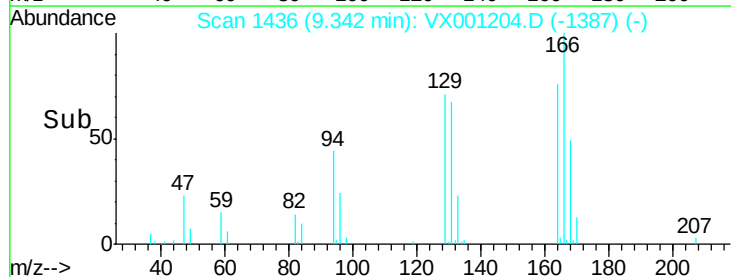
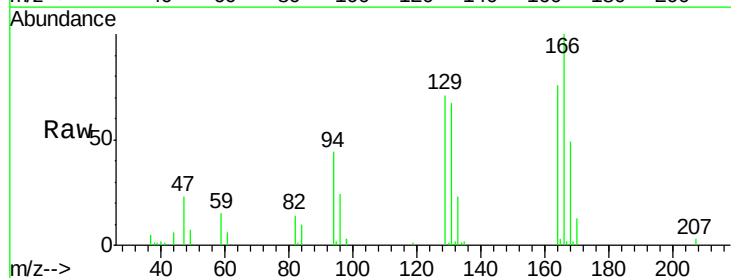
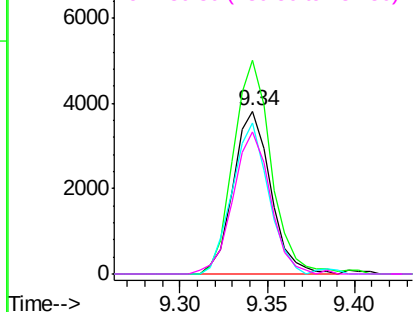
Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VX0  
Ion 118.90 (118.60 to 119.60): V

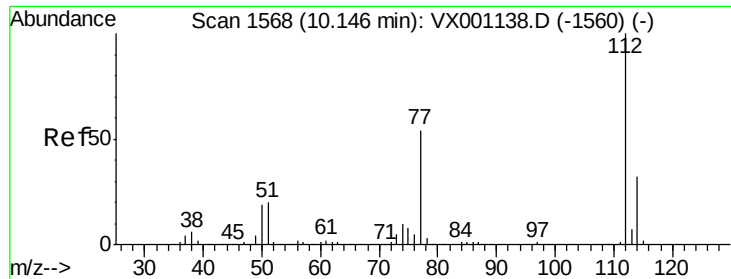


#64  
Tetrachloroethene  
Concen: 2.145 ug/l  
RT: 9.34 min Scan# 1436  
Delta R.T. -0.00 min  
Lab File: VX001204.D  
Acq: 28 Apr 2018 06:31

Tgt Ion:164 Resp: 5693  
Ion Ratio Lower Upper  
164 100  
166 131.1 105.0 157.6  
129 92.6 69.4 104.2  
131 87.4 67.3 100.9

Abundance Ion 163.80 (163.50 to 164.50): V  
Ion 165.80 (165.50 to 166.50): V  
Ion 128.80 (128.50 to 129.50): V  
Ion 130.80 (130.50 to 131.50): V

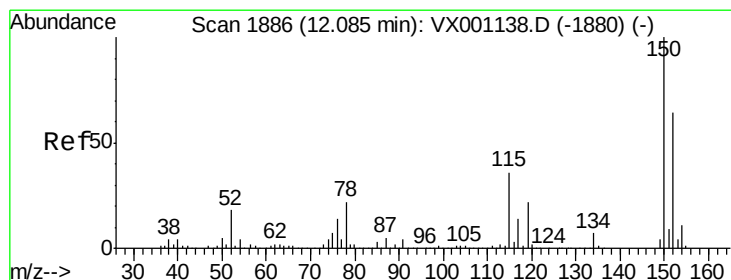
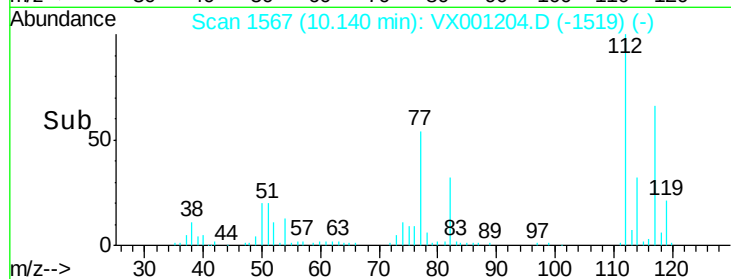
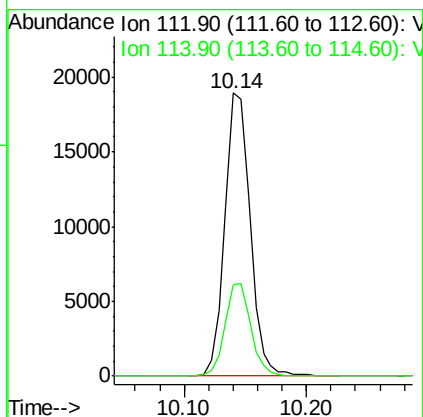
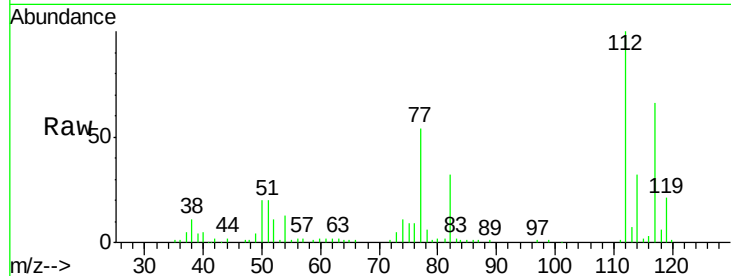




#65  
Chlorobenzene  
Concen: 4.168 ug/l  
RT: 10.14 min Scan# 1567  
Delta R.T. -0.01 min  
Lab File: VX001204.D  
Acq: 28 Apr 2018 06:31

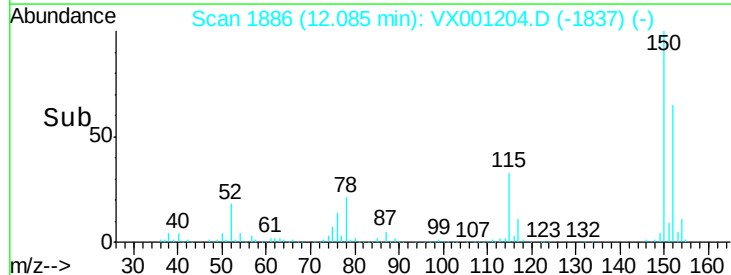
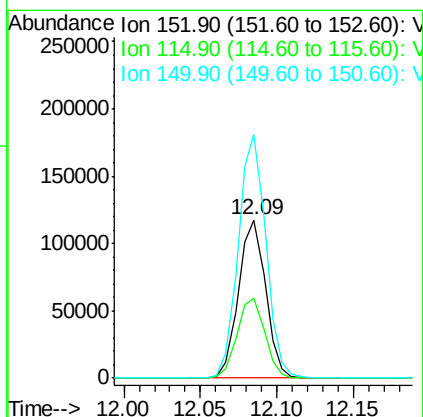
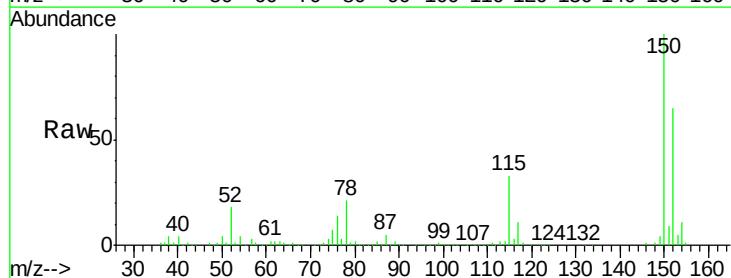
Instrument :  
MSVOA\_X  
ClientSampleId :  
LF001MW002-180419

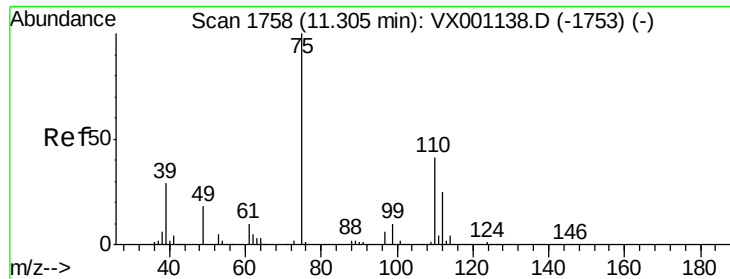
Tgt Ion:112 Resp: 27149  
Ion Ratio Lower Upper  
112 100  
114 32.3 25.7 38.5



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.09 min Scan# 1886  
Delta R.T. -0.00 min  
Lab File: VX001204.D  
Acq: 28 Apr 2018 06:31

Tgt Ion:152 Resp: 144145  
Ion Ratio Lower Upper  
152 100  
115 51.6 38.0 114.0  
150 156.7 0.0 349.6

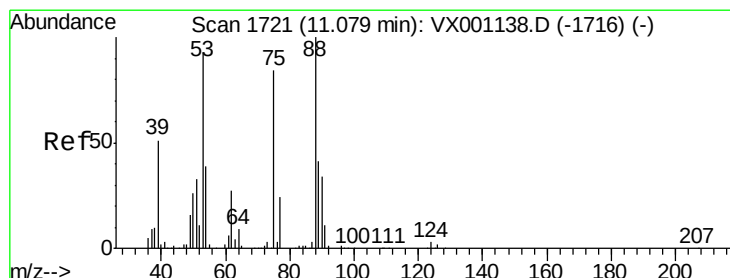
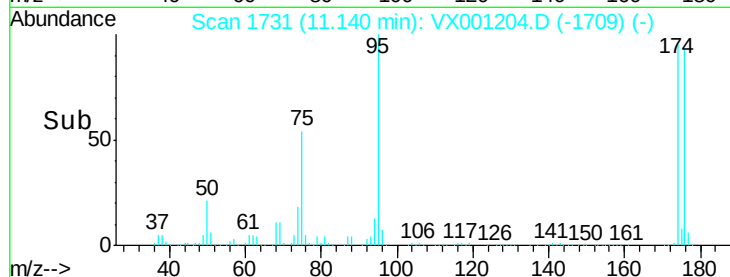
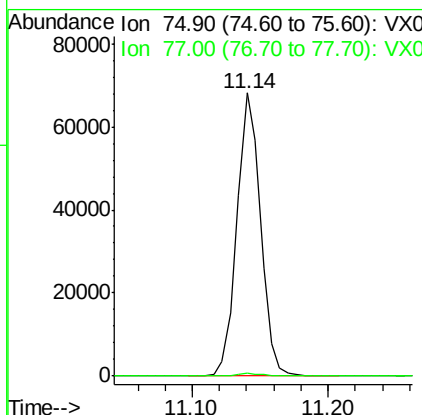
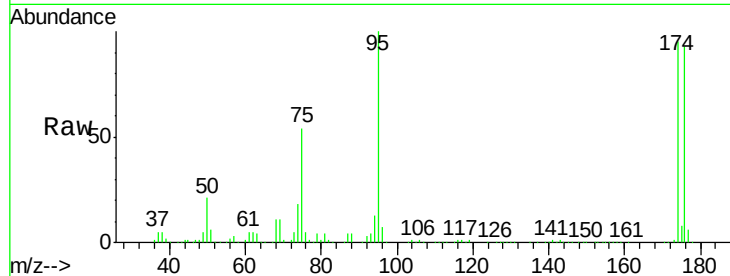




#76  
 1,2,3-Trichloropropane  
 Concen: 28.043 ug/l  
 RT: 11.14 min Scan# 1731  
 Delta R.T. -0.16 min  
 Lab File: VX001204.D  
 Acq: 28 Apr 2018 06:31

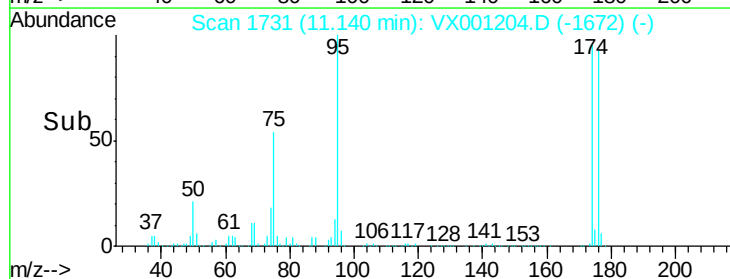
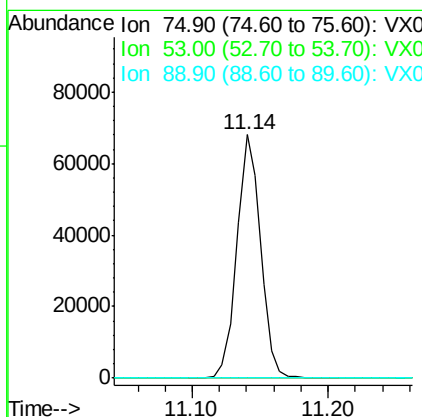
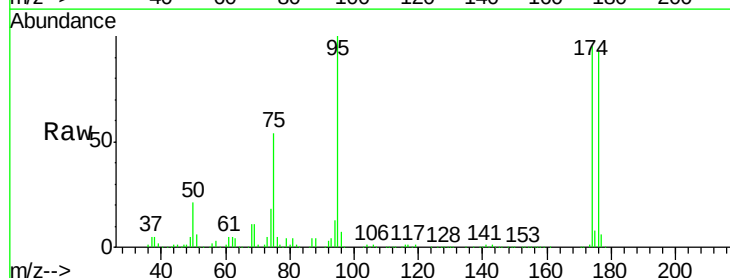
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LF001MW002-180419

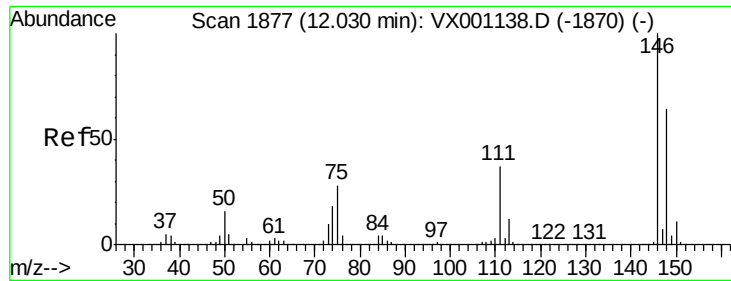
Tgt Ion: 75 Resp: 82311  
 Ion Ratio Lower Upper  
 75 100  
 77 1.2 18.9 56.9#



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 85.122 ug/l  
 RT: 11.14 min Scan# 1731  
 Delta R.T. 0.06 min  
 Lab File: VX001204.D  
 Acq: 28 Apr 2018 06:31

Tgt Ion: 75 Resp: 82311  
 Ion Ratio Lower Upper  
 75 100  
 53 0.1 87.9 131.9#  
 89 0.0 37.7 56.5#

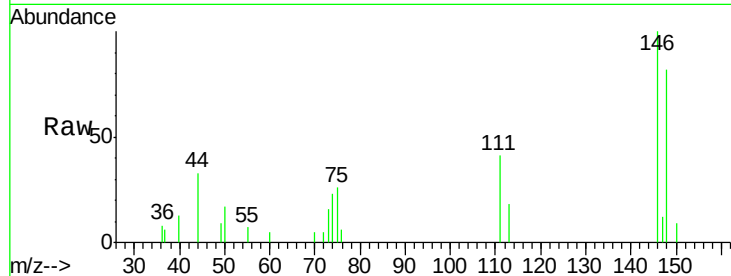




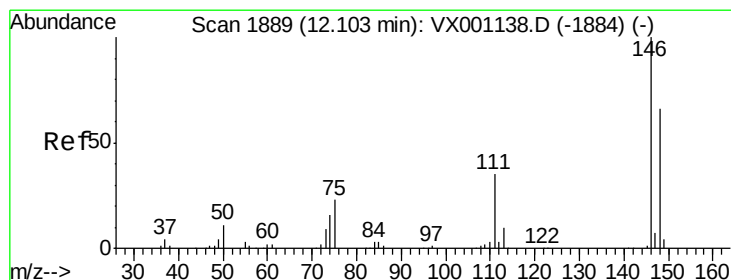
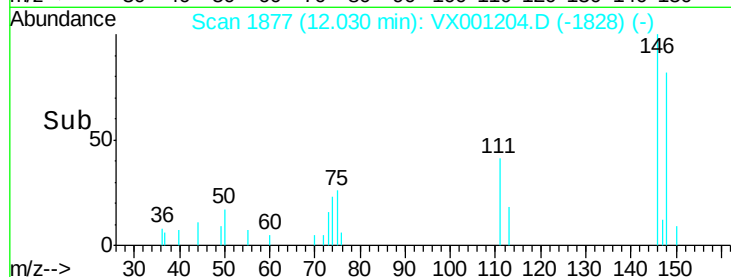
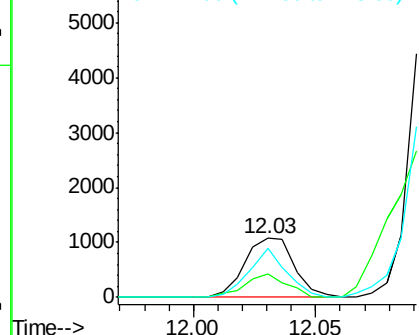
#87  
 1,3-Dichlorobenzene  
 Concen: 0.304 ug/l  
 RT: 12.03 min Scan# 1877  
 Delta R.T. -0.00 min  
 Lab File: VX001204.D  
 Acq: 28 Apr 2018 06:31

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LF001MW002-180419

Tgt Ion:146 Resp: 1521  
 Ion Ratio Lower Upper  
 146 100  
 111 34.3 18.6 56.0  
 148 62.8 32.3 96.8

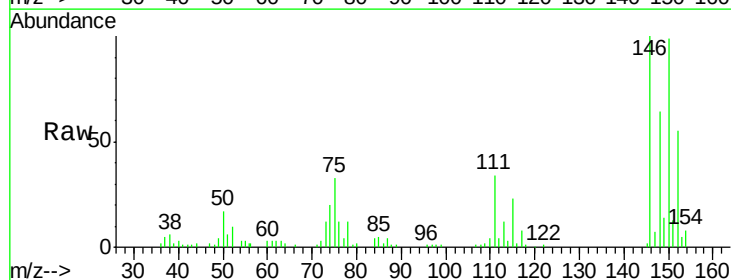


Abundance Ion 145.90 (145.60 to 146.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

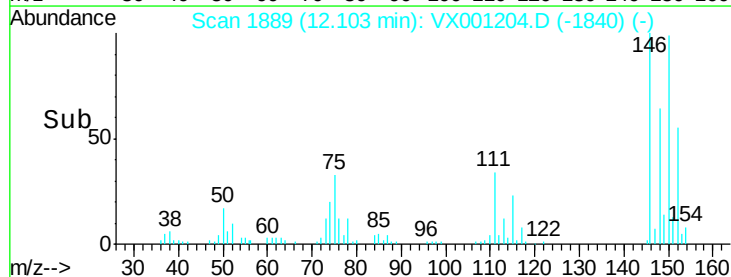
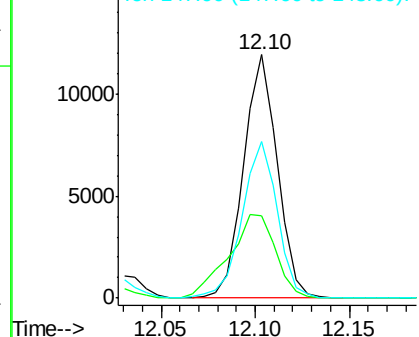


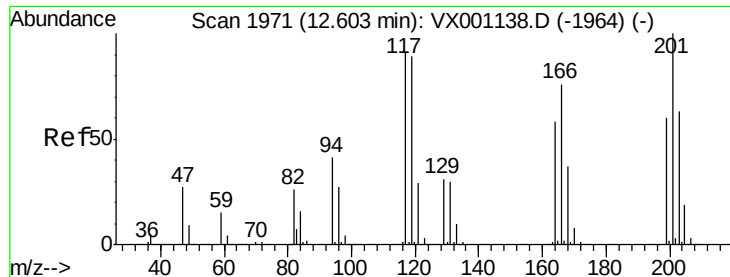
#88  
 1,4-Dichlorobenzene  
 Concen: 2.837 ug/l  
 RT: 12.10 min Scan# 1889  
 Delta R.T. -0.00 min  
 Lab File: VX001204.D  
 Acq: 28 Apr 2018 06:31

Tgt Ion:146 Resp: 14787  
 Ion Ratio Lower Upper  
 146 100  
 111 47.7 18.0 54.0  
 148 67.1 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V





#90

Hexachloroethane

Concen: 3.391 ug/l

RT: 12.76 min Scan# 1996

Delta R.T. 0.15 min

Lab File: VX001204.D

Acq: 28 Apr 2018 06:31

Instrument :

MSVOA\_X

ClientSampleId :

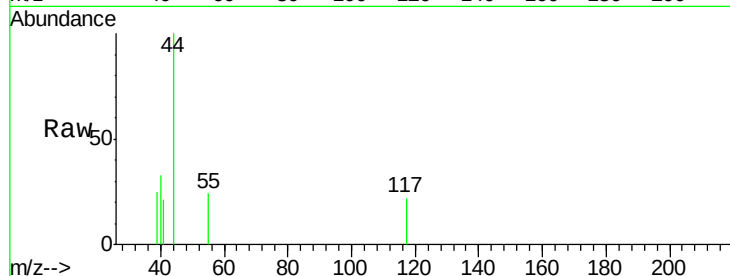
LF001MW002-180419

Tgt Ion:117 Resp: 21

Ion Ratio Lower Upper

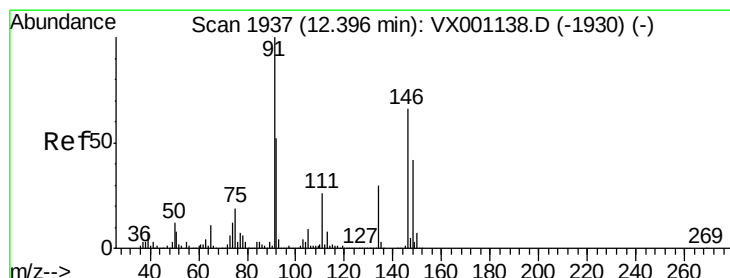
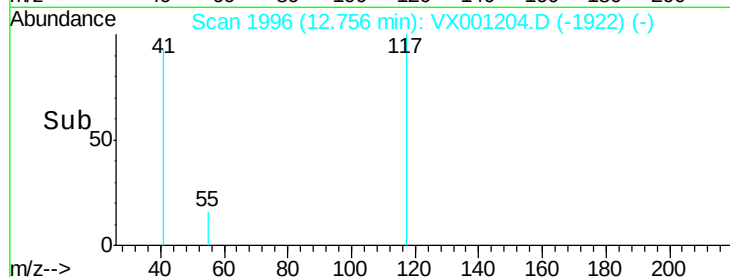
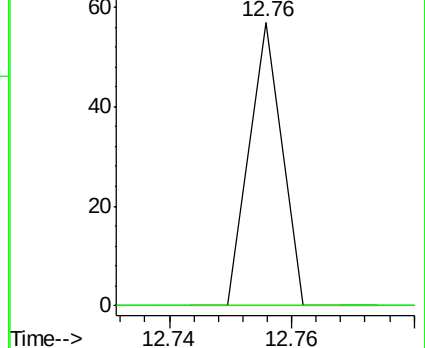
117 100

201 0.0 51.8 155.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 4.881 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001204.D

Acq: 28 Apr 2018 06:31

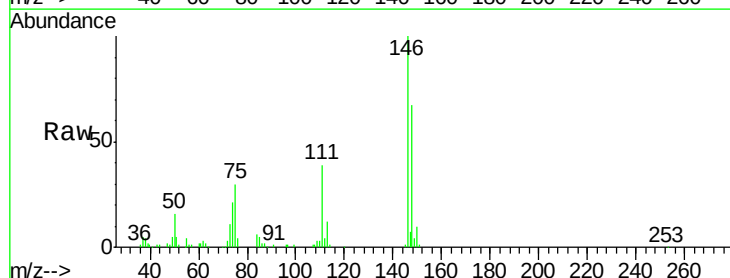
Tgt Ion:146 Resp: 24676

Ion Ratio Lower Upper

146 100

111 37.9 19.1 57.3

148 62.6 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

