

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032618\  
 Data File : VX000451.D  
 Acq On : 26 Mar 2018 19:37  
 Operator : JC/MD  
 Sample : J2056-04  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Mar 27 05:55:39 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X032018W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 21 04:52:42 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 108320   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 192956   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 193399   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 101464   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 6.08   | 65  | 80391    | 56.86 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 113.72% |      |
| 35) Dibromofluoromethane    | 5.51   | 113 | 61917    | 50.93 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 101.86% |      |
| 50) Toluene-d8              | 8.73   | 98  | 243275   | 48.31 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 96.62%  |      |
| 62) 4-Bromofluorobenzene    | 11.15  | 95  | 87296    | 42.13 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 84.26%  |      |

| Target Compounds               |       |     |        |           |        | Qvalue |
|--------------------------------|-------|-----|--------|-----------|--------|--------|
| 3) Chloromethane               | 1.27  | 50  | 12201  | 9.701     | ug/l # | 41     |
| 5) Bromomethane                | 1.66  | 94  | 533    | 0.381     | ug/l # | 67     |
| 6) Chloroethane                | 1.73  | 64  | 915    | Below Cal | #      | 45     |
| 8) Diethyl Ether               | 2.20  | 74  | 673    | 0.785     | ug/l # | 1      |
| 10) Methyl Iodide              | 2.52  | 142 | 40     | 4.303     | ug/l # | 37     |
| 11) Tert butyl alcohol         | 3.03  | 59  | 2957   | 6.080     | ug/l # | 72     |
| 13) Acrolein                   | 2.30  | 56  | 645    | 18.489    | ug/l   | 83     |
| 14) Allyl chloride             | 2.68  | 41  | 5777   | 2.690     | ug/l # | 75     |
| 16) Acetone                    | 2.46  | 43  | 67906  | 57.732    | ug/l   | 98     |
| 17) Carbon Disulfide           | 2.57  | 76  | 4119   | 1.334     | ug/l   | 97     |
| 18) Methyl Acetate             | 2.79  | 43  | 94580  | 38.354    | ug/l   | 98     |
| 20) Methylene Chloride         | 2.87  | 84  | 1285   | 0.946     | ug/l   | 92     |
| 25) 2-Butanone                 | 4.73  | 43  | 9651   | 7.300     | ug/l   | 95     |
| 31) Cyclohexane                | 5.59  | 56  | 985    | 0.552     | ug/l # | 54     |
| 36) 1,1-Dichloropropene        | 5.67  | 75  | 8236   | 4.557     | ug/l # | 52     |
| 37) Ethyl Acetate              | 4.88  | 43  | 7433   | 3.011     | ug/l # | 92     |
| 38) Carbon Tetrachloride       | 5.68  | 117 | 11155  | 5.883     | ug/l # | 15     |
| 39) Methylcyclohexane          | 7.48  | 83  | 897    | 0.408     | ug/l # | 77     |
| 40) Benzene                    | 6.15  | 78  | 132295 | 25.205    | ug/l   | 99     |
| 42) 1,2-Dichloroethane         | 6.15  | 62  | 1385   | 0.673     | ug/l # | 78     |
| 49) 1,4-Dioxane                | 7.80  | 88  | 1190   | 31.730    | ug/l # | 80     |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43  | 1218   | 0.428     | ug/l # | 86     |
| 52) Toluene                    | 8.79  | 92  | 45100  | 12.291    | ug/l   | 97     |
| 59) 2-Hexanone                 | 9.51  | 43  | 790    | 0.327     | ug/l   | 99     |
| 65) Chlorobenzene              | 10.15 | 112 | 5561   | 1.292     | ug/l # | 85     |
| 66) 1,1,1,2-Tetrachloroethane  | 10.38 | 131 | 1288   | 0.881     | ug/l # | 8      |
| 67) Ethyl Benzene              | 10.26 | 91  | 6660   | 0.913     | ug/l   | 94     |
| 68) m/p-Xylenes                | 10.37 | 106 | 14696  | 5.119     | ug/l   | 88     |
| 69) o-Xylene                   | 10.71 | 106 | 6259   | 2.252     | ug/l   | 97     |
| 70) Styrene                    | 10.72 | 104 | 2547   | 0.554     | ug/l # | 55     |
| 74) N-amyl acetate             | 6.49  | 43  | 706    | Below Cal | #      | 59     |
| 76) 1,2,3-Trichloropropane     | 11.15 | 75  | 48539  | 22.260    | ug/l # | 35     |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105 | 3579   | 0.633     | ug/l   | 97     |
| 81) trans-1,4-Dichloro-2-buten | 11.15 | 75  | 48539  | 72.067    | ug/l # | 9      |

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Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Mar 27 05:55:39 2018  
Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X032018W.M  
Quant Title : SW846 8260  
QLast Update : Wed Mar 21 04:52:42 2018  
Response via : Initial Calibration

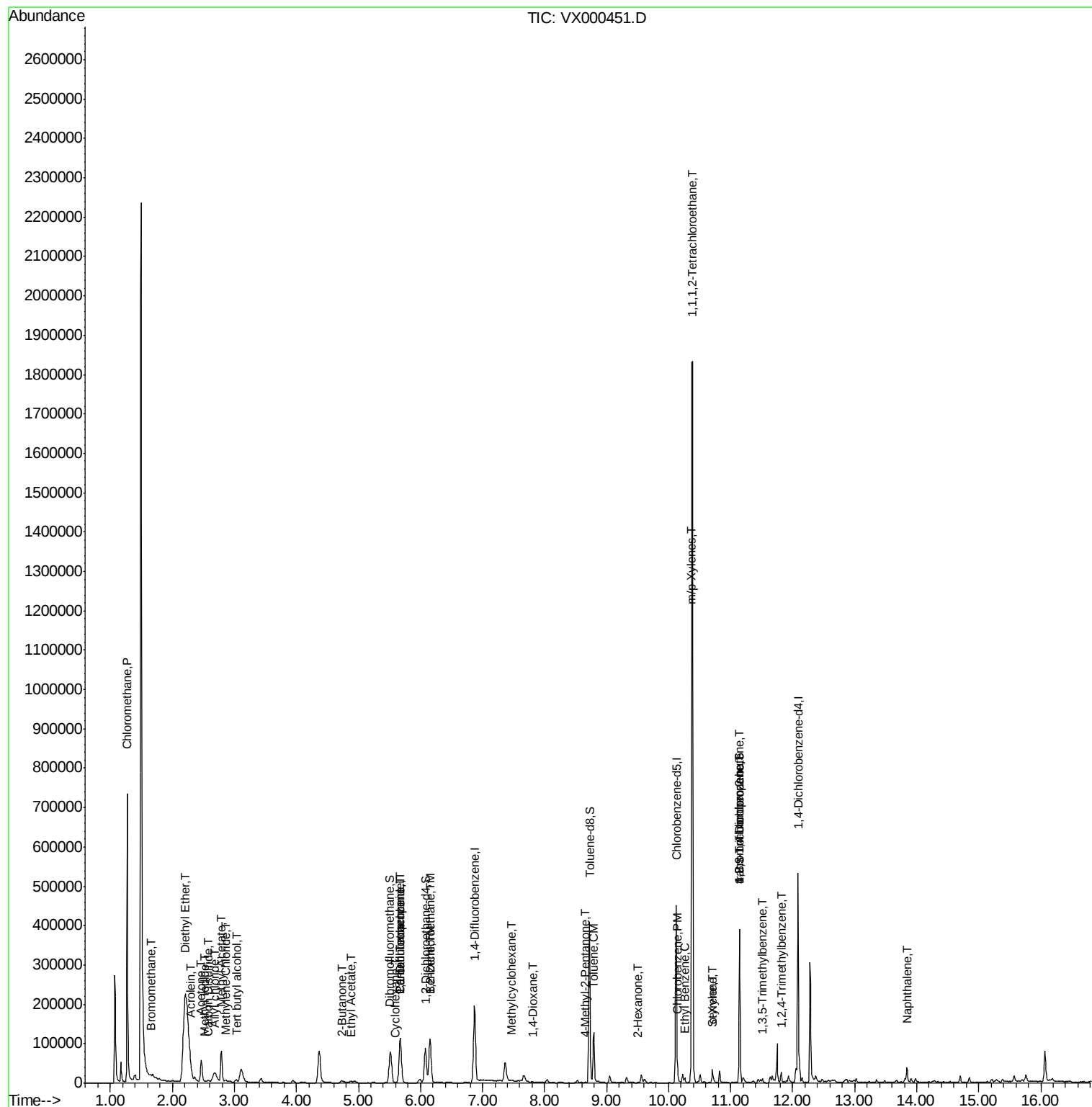
| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 84) 1,2,4-Trimethylbenzene | 11.82 | 105  | 9200     | 1.552 | ug/l  | 93       |
| 95) Naphthalene            | 13.84 | 128  | 20500    | 2.473 | ug/l  | 99       |

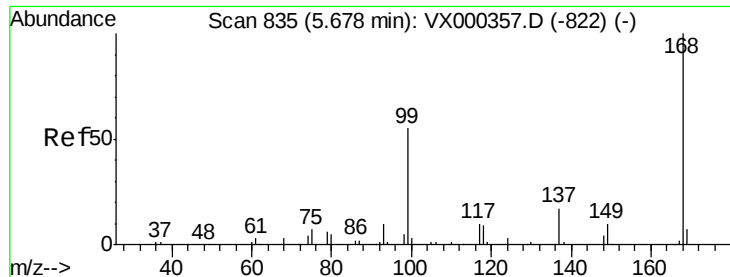
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X032018W.M  
Quant Title : SW846 8260  
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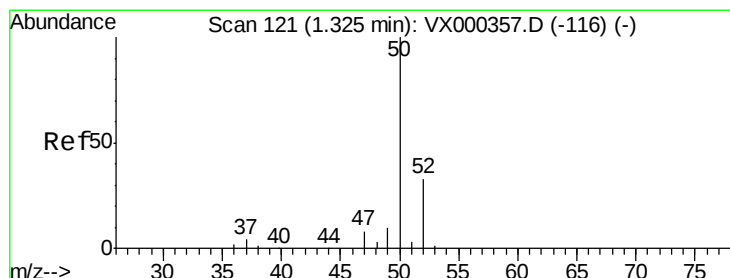
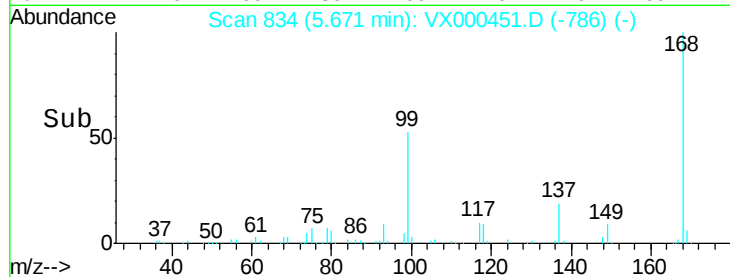
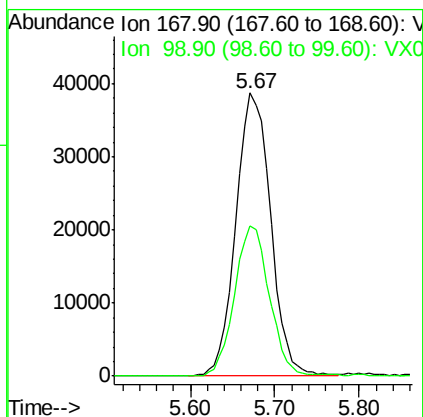
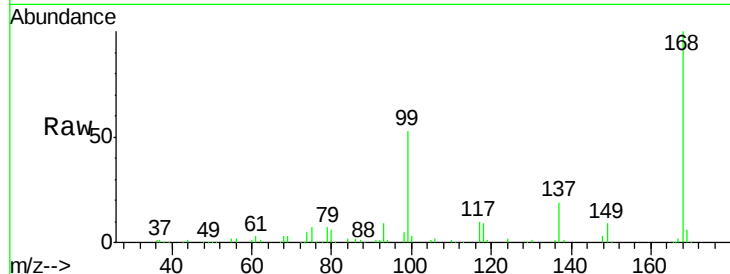




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.67 min Scan# 834  
Delta R.T. -0.01 min  
Lab File: VX000451.D  
Acq: 26 Mar 2018 19:37

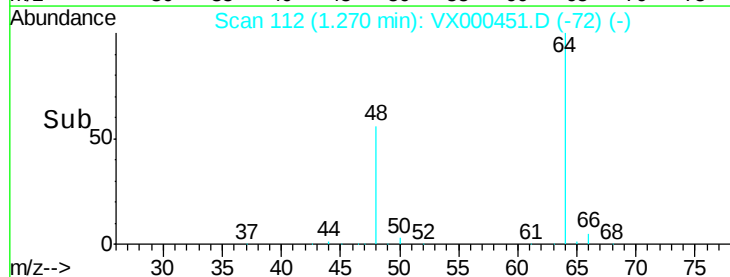
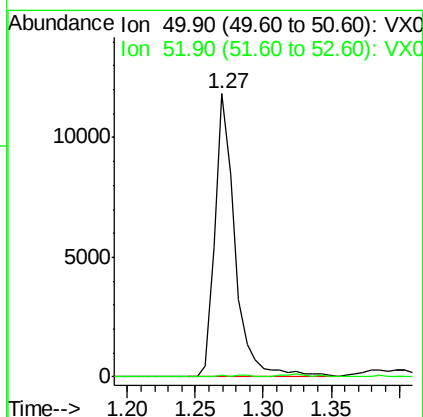
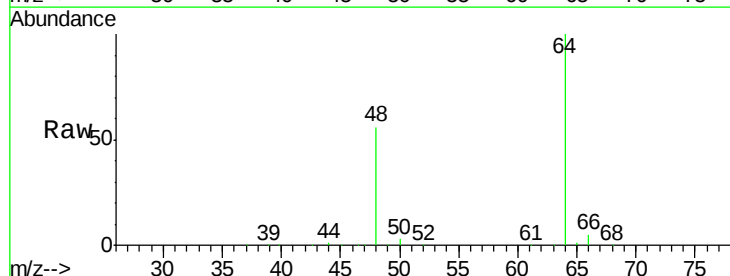
Instrument :  
MSVOA\_X  
ClientSampleId :

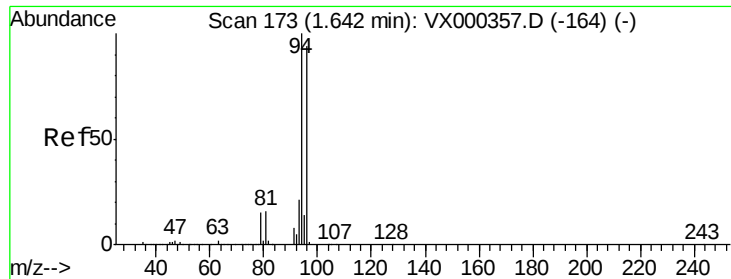
Tot Ion:168 Resp: 108320  
Ion Ratio Lower Upper  
168 100  
99 53.2 45.8 68.6



#3  
Chloromethane  
Concen: 9.701 ug/l  
RT: 1.27 min Scan# 112  
Delta R.T. -0.06 min  
Lab File: VX000451.D  
Acq: 26 Mar 2018 19:37

Tgt Ion: 50 Resp: 12201  
Ion Ratio Lower Upper  
50 100  
52 0.6 27.5 41.3#





#5

Bromomethane

Concen: 0.381 ug/l

RT: 1.66 min Scan# 176

Delta R.T. 0.02 min

Lab File: VX000451.D

Acq: 26 Mar 2018 19:37

Instrument :

MSVOA\_X

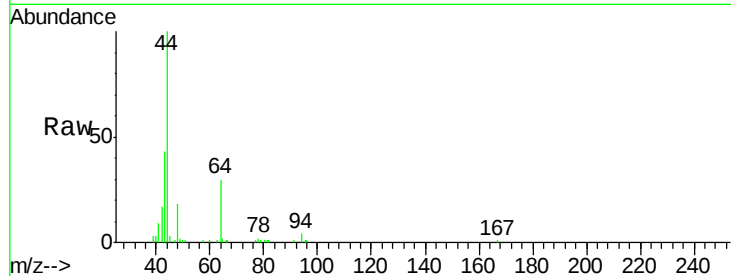
ClientSampleId :

Tot Ion: 94 Resp: 533

Ion Ratio Lower Upper

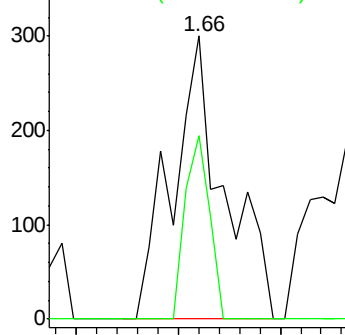
94 100

96 65.0 77.7 116.5#

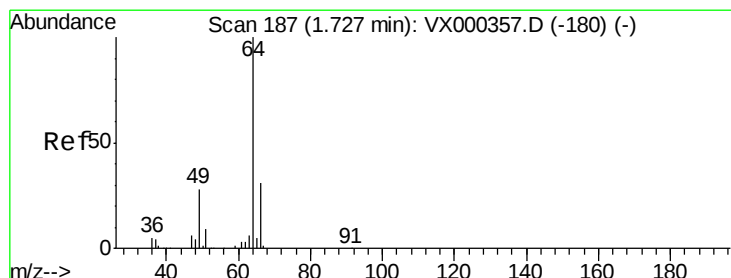
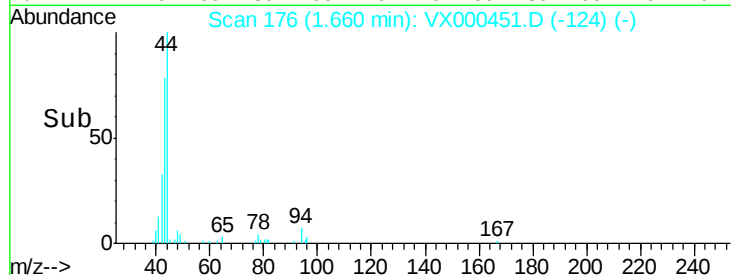


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX000451.D

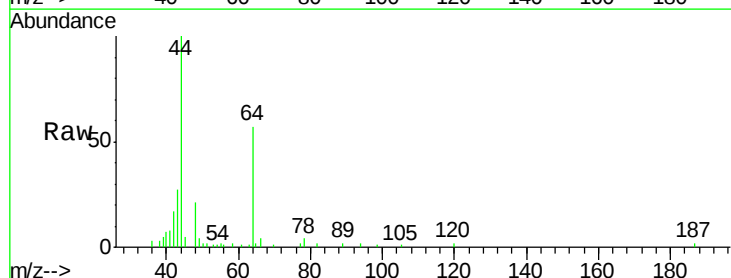
Acq: 26 Mar 2018 19:37

Tgt Ion: 64 Resp: 915

Ion Ratio Lower Upper

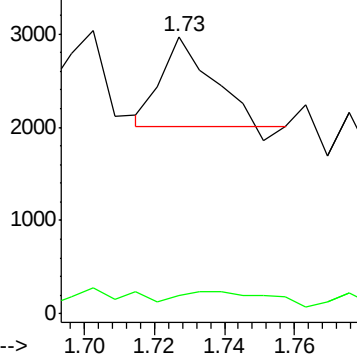
64 100

66 0.8 24.8 37.2#

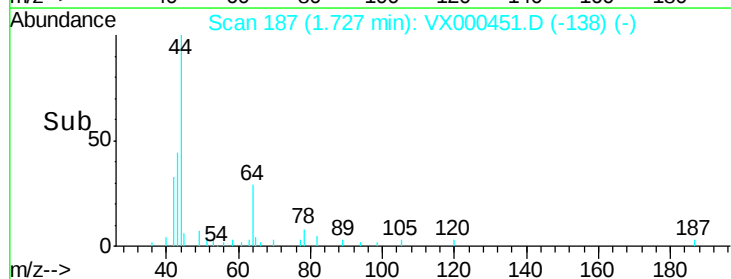


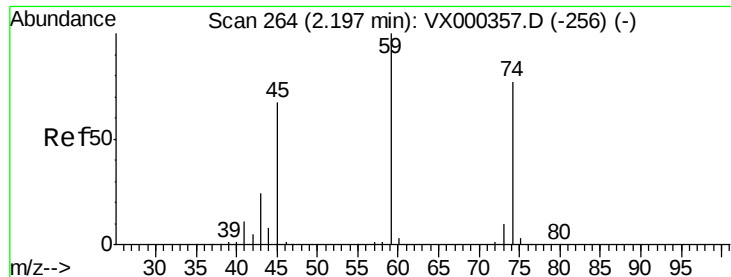
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->





#8

Diethyl Ether

Concen: 0.785 ug/l

RT: 2.20 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX000451.D

Acq: 26 Mar 2018 19:37

Instrument :

MSVOA\_X

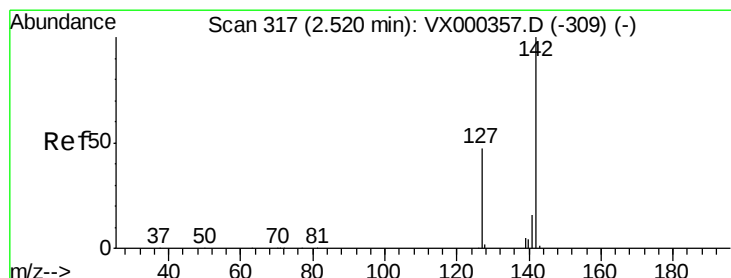
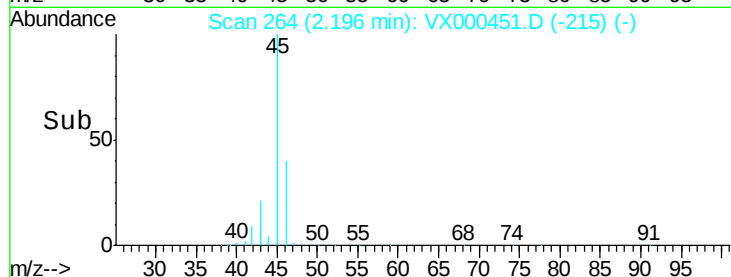
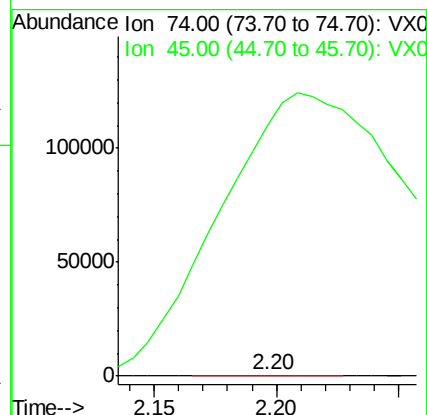
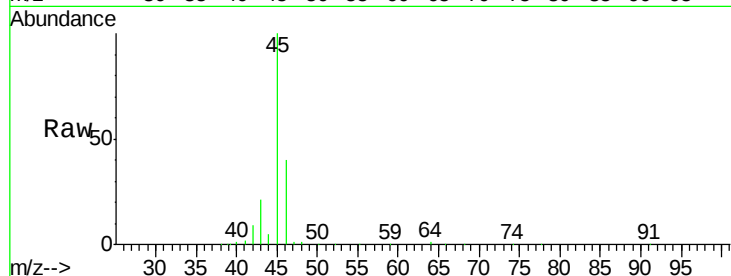
ClientSampleId :

Tot Ion: 74 Resp: 673

Ion Ratio Lower Upper

74 100

45 110275.2 45.1 135.3#



#10

Methyl Iodide

Concen: 4.303 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.00 min

Lab File: VX000451.D

Acq: 26 Mar 2018 19:37

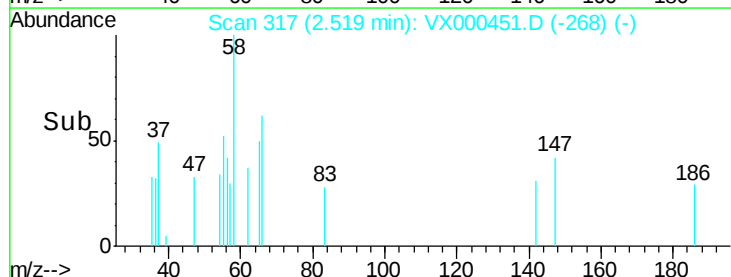
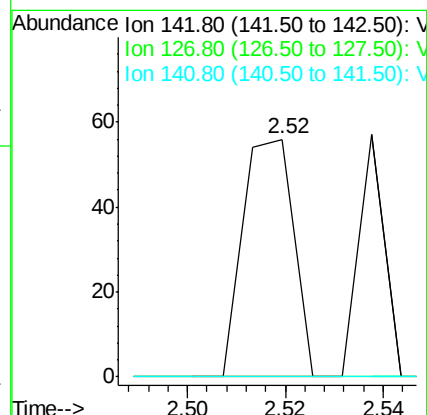
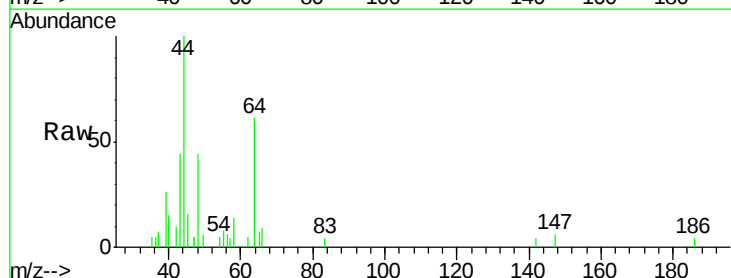
Tgt Ion: 142 Resp: 40

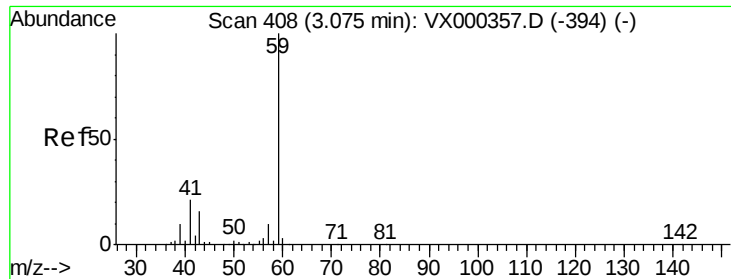
Ion Ratio Lower Upper

142 100

127 0.0 39.2 58.8#

141 0.0 11.7 17.5#



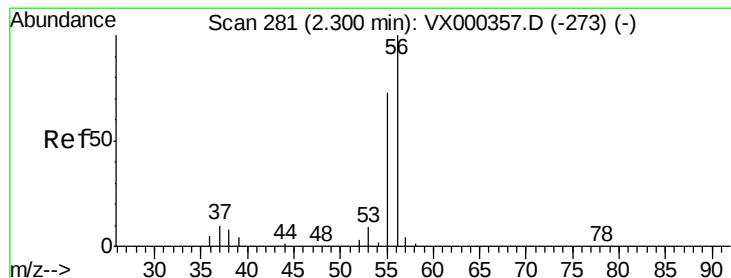
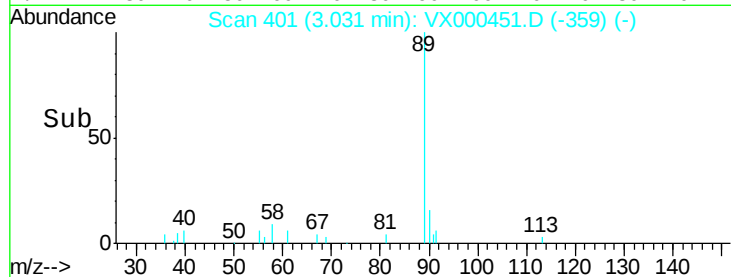
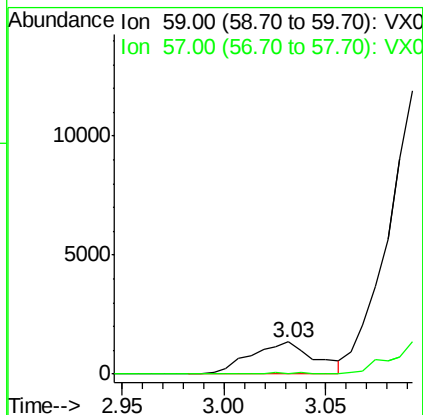
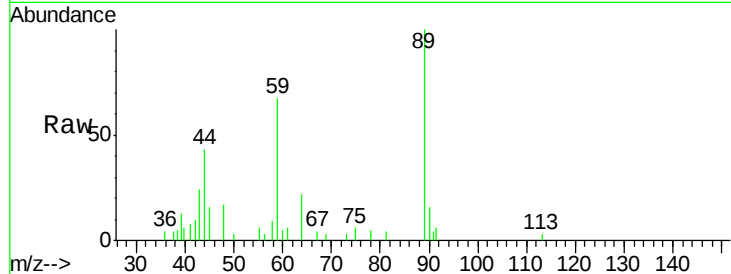


#11

Tert butyl alcohol  
 Concen: 6.080 ug/l  
 RT: 3.03 min Scan# 401  
 Delta R.T. -0.04 min  
 Lab File: VX000451.D  
 Acq: 26 Mar 2018 19:37

Instrument :  
 MSVOA\_X  
 ClientSampled :

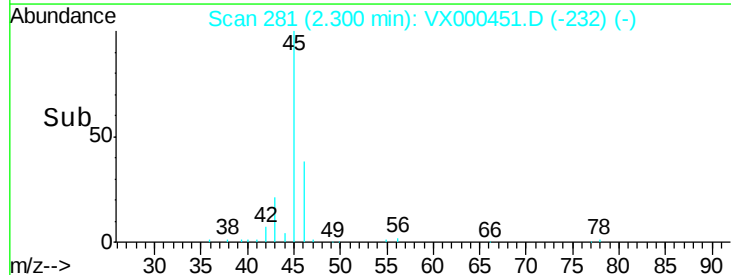
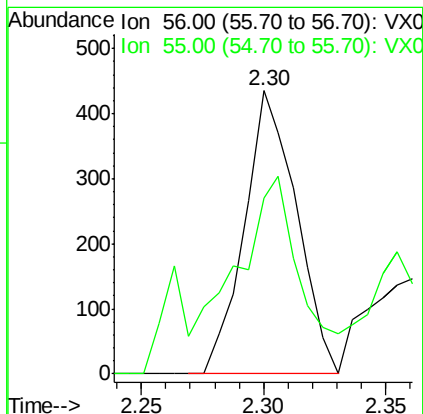
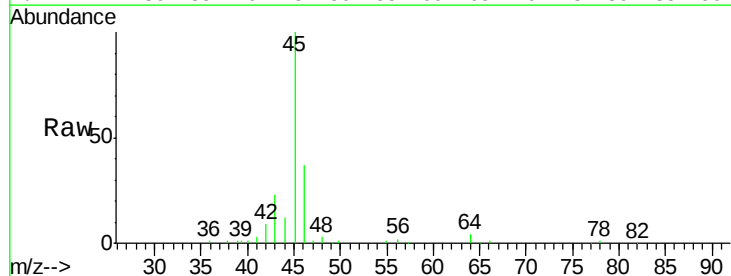
Tot Ion: 59 Resp: 2957  
 Ion Ratio Lower Upper  
 59 100  
 57 0.0 8.4 12.6#

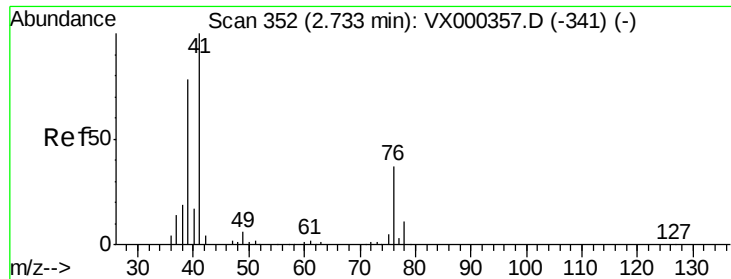


#13

Acrolein  
 Concen: 18.489 ug/l  
 RT: 2.30 min Scan# 281  
 Delta R.T. -0.00 min  
 Lab File: VX000451.D  
 Acq: 26 Mar 2018 19:37

Tgt Ion: 56 Resp: 645  
 Ion Ratio Lower Upper  
 56 100  
 55 87.6 58.8 88.2





#14

Allvl chloride

Concen: 2.690 ug/l

RT: 2.68 min Scan# 344

Delta R.T. -0.05 min

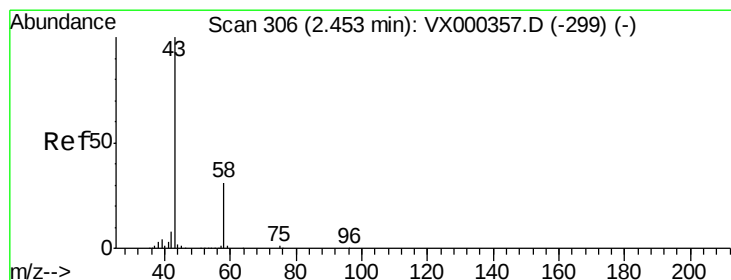
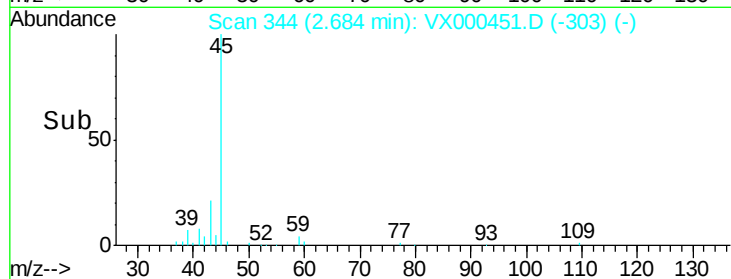
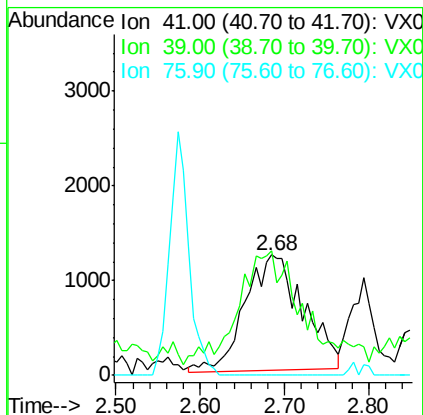
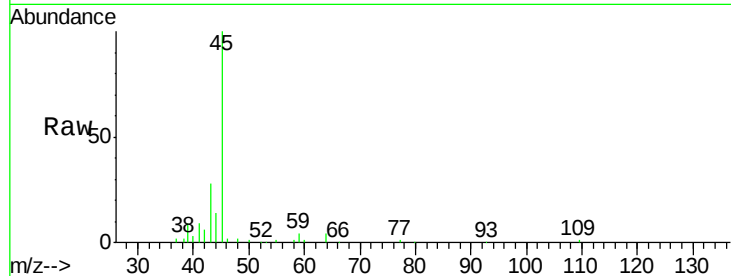
Lab File: VX000451.D

Acq: 26 Mar 2018 19:37

Instrument :  
MSVOA\_X  
ClientSampled :

Tot Ion: 41 Resp: 5777

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 79.2  | 57.6  | 86.4  |
| 76  | 0.0   | 27.3  | 40.9# |



#16

Acetone

Concen: 57.732 ug/l

RT: 2.46 min Scan# 308

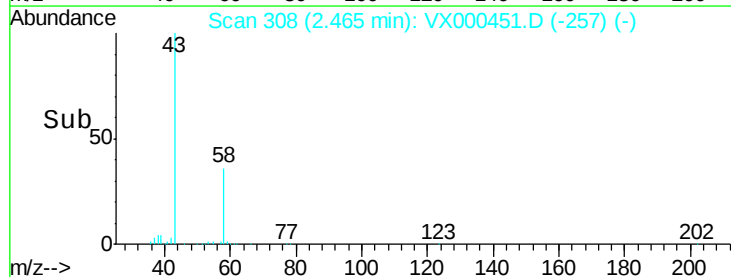
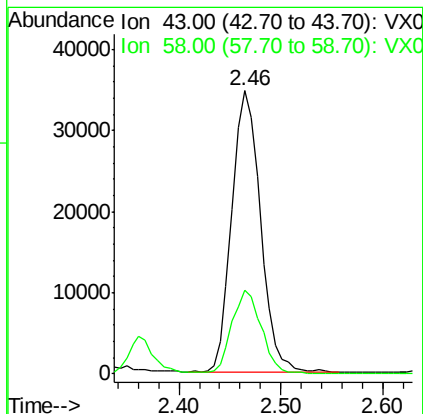
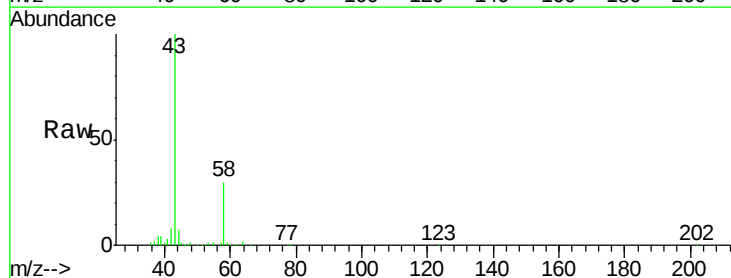
Delta R.T. 0.01 min

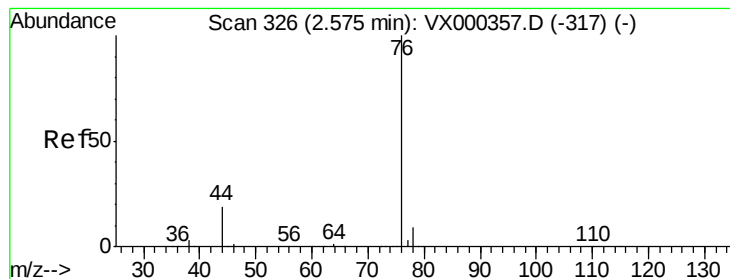
Lab File: VX000451.D

Acq: 26 Mar 2018 19:37

Tgt Ion: 43 Resp: 67906

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 29.7  | 24.7  | 37.1  |





#17

Carbon Disulfide

Concen: 1.334 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000451.D

Acq: 26 Mar 2018 19:37

Instrument :

MSVOA\_X

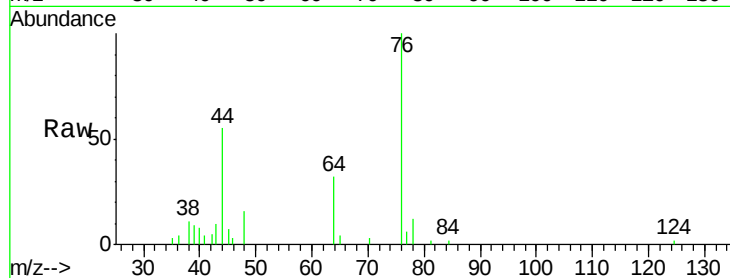
ClientSampleId :

Tot Ion: 76 Resp: 4119

Ion Ratio Lower Upper

76 100

78 7.5 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

2500

2000

1500

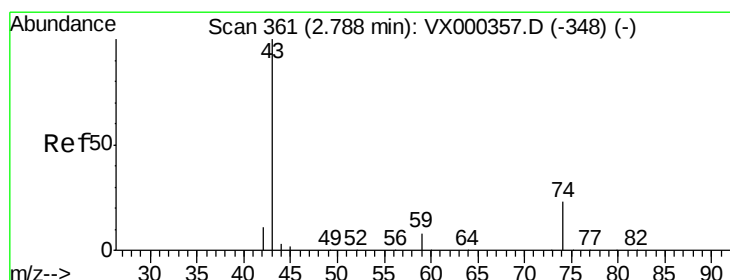
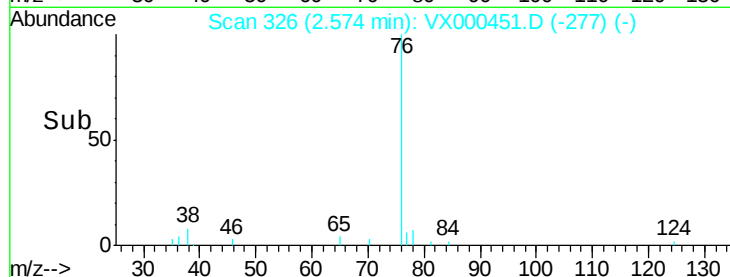
1000

500

0

2.50 2.55 2.60 2.65

Time-->



#18

Methyl Acetate

Concen: 38.354 ug/l

RT: 2.79 min Scan# 361

Delta R.T. -0.00 min

Lab File: VX000451.D

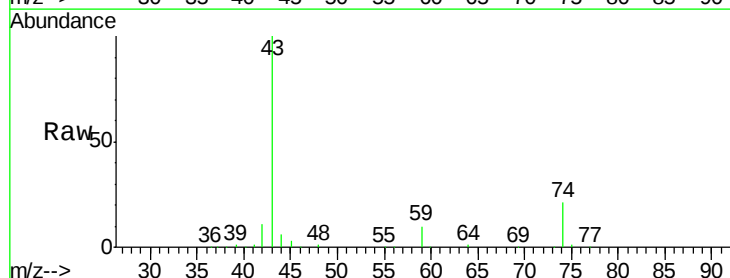
Acq: 26 Mar 2018 19:37

Tgt Ion: 43 Resp: 94580

Ion Ratio Lower Upper

43 100

74 23.4 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.79

60000

50000

40000

30000

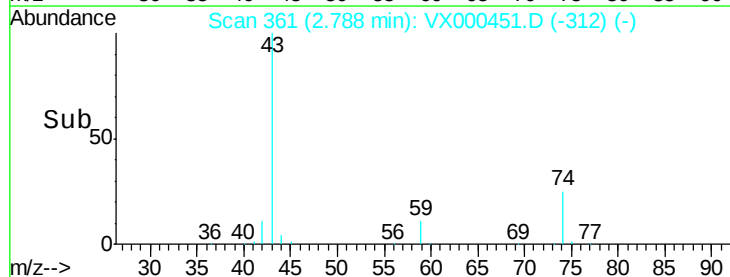
20000

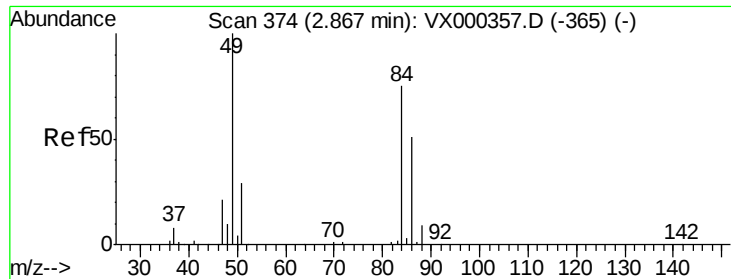
10000

0

2.70 2.75 2.80 2.85 2.90

Time-->

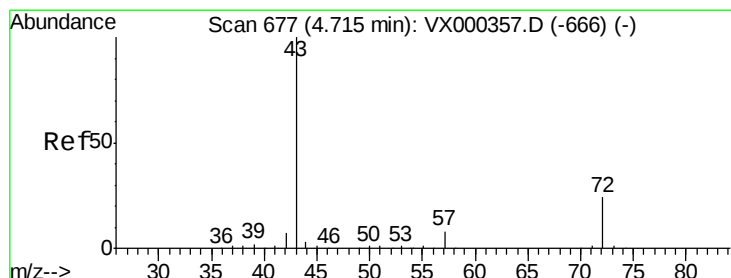
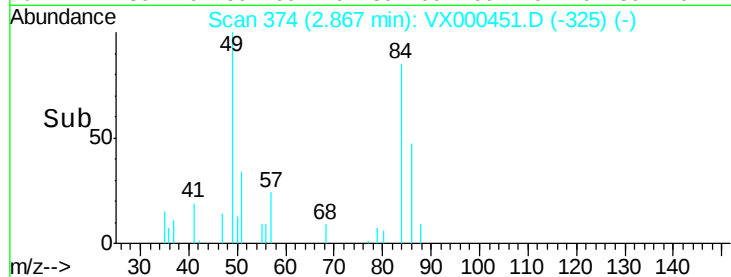
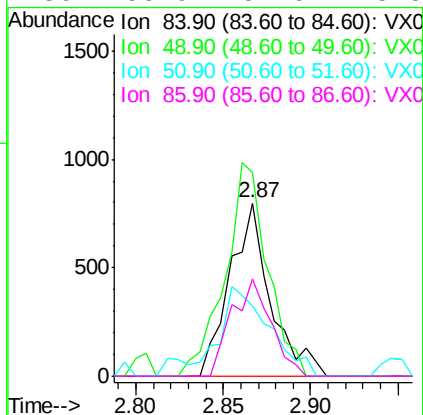
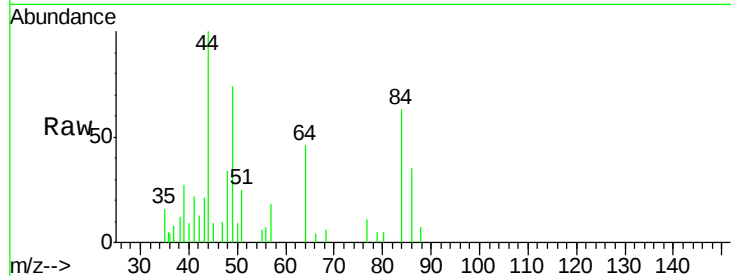




#20  
Methvlene Chloride  
Concen: 0.946 ug/l  
RT: 2.87 min Scan# 374  
Delta R.T. -0.00 min  
Lab File: VX000451.D  
Acq: 26 Mar 2018 19:37

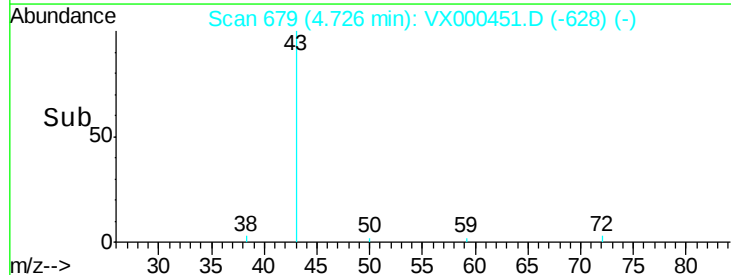
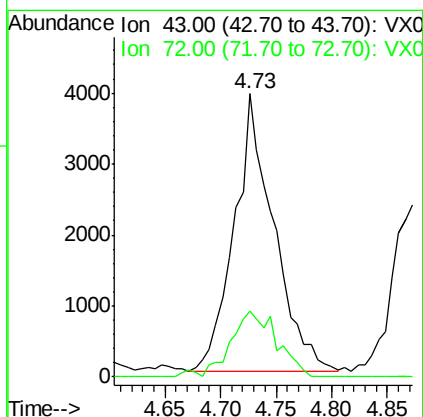
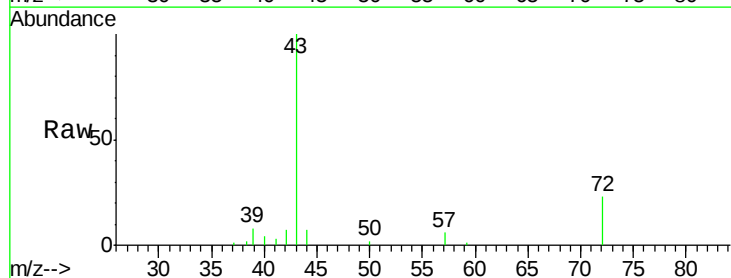
Instrument :  
MSVOA\_X  
ClientSampled :

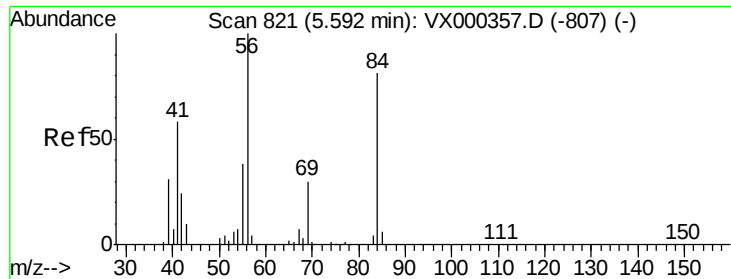
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 84    | Resp: | 1285  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 117.7 | 100.6 | 151.0 |
| 51       | 40.4  | 31.6  | 47.4  |
| 86       | 55.9  | 52.6  | 78.8  |



#25  
2-Butanone  
Concen: 7.300 ug/l  
RT: 4.73 min Scan# 679  
Delta R.T. 0.01 min  
Lab File: VX000451.D  
Acq: 26 Mar 2018 19:37

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 9651  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 23.9  | 21.0  | 31.6  |





#31

Cyclohexane

Concen: 0.552 ug/l

RT: 5.59 min Scan# 821

Delta R.T. -0.00 min

Lab File: VX000451.D

Acq: 26 Mar 2018 19:37

Instrument :  
MSVOA\_X  
ClientSampled :

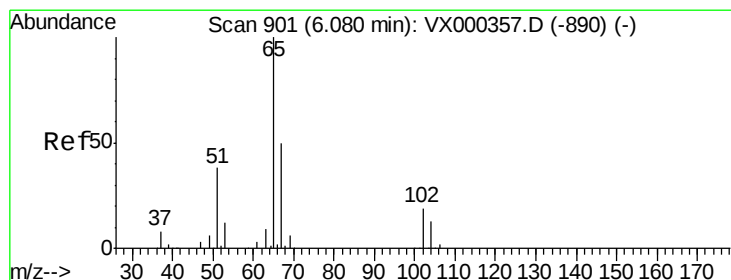
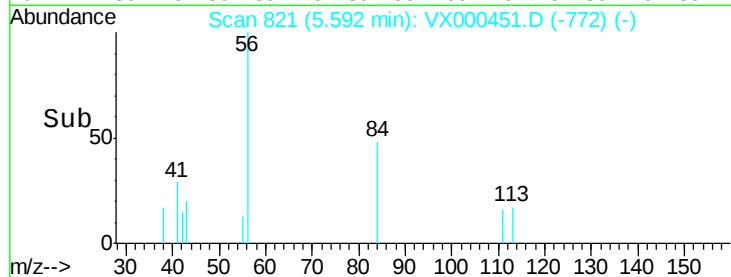
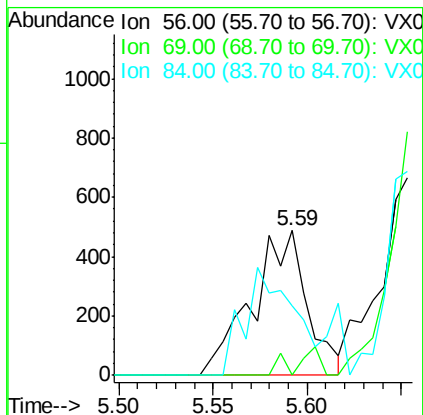
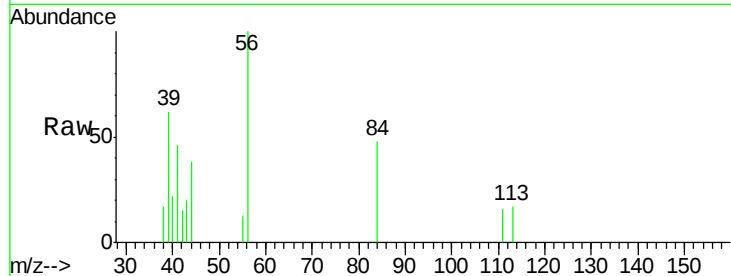
Tot Ion: 56 Resp: 985

Ion Ratio Lower Upper

56 100

69 0.0 23.4 35.0#

84 48.2 71.0 106.4#



#33

1,2-Dichloroethane-d4

Concen: 56.855 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.00 min

Lab File: VX000451.D

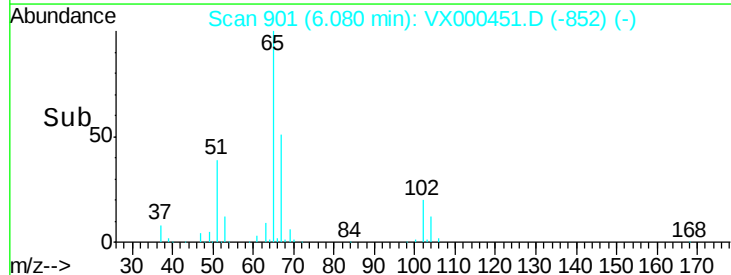
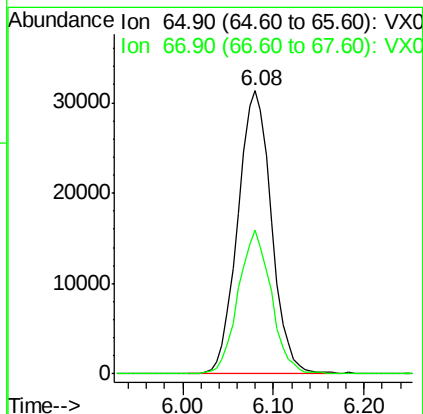
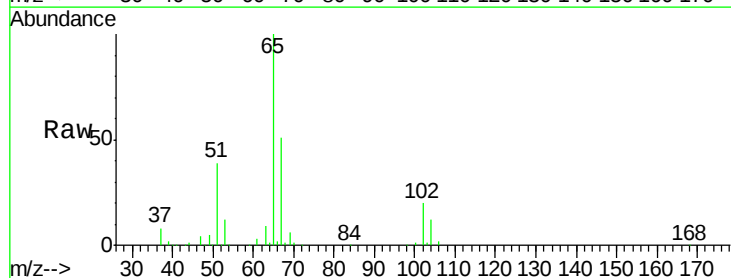
Acq: 26 Mar 2018 19:37

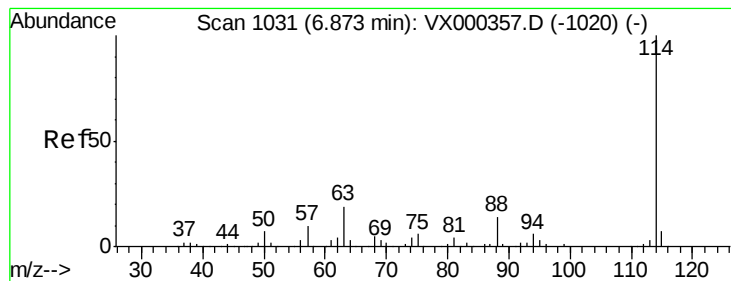
Tgt Ion: 65 Resp: 80391

Ion Ratio Lower Upper

65 100

67 50.0 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000451.D

Acq: 26 Mar 2018 19:37

Instrument :

MSVOA\_X

ClientSampled :

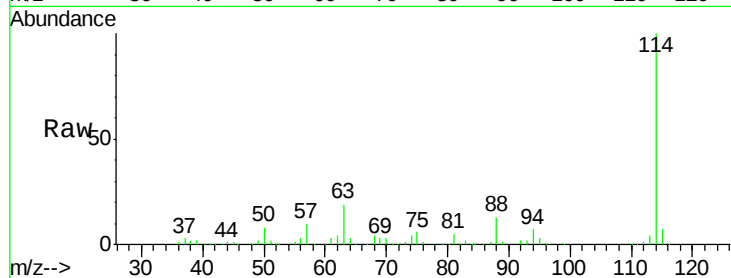
Tot Ion:114 Resp: 192956

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.4

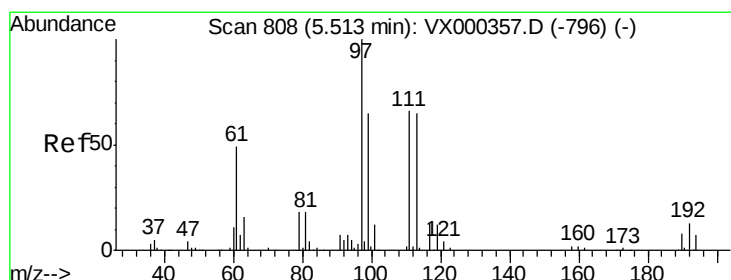
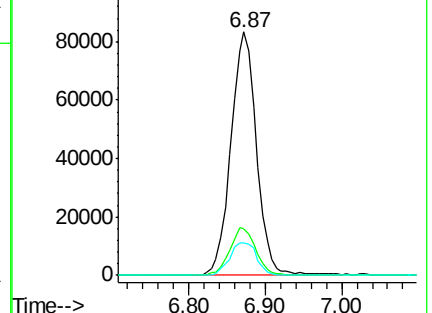
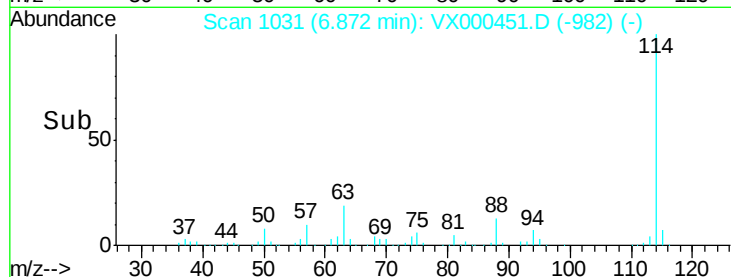
88 13.3 0.0 27.0



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: 50.927 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000451.D

Acq: 26 Mar 2018 19:37

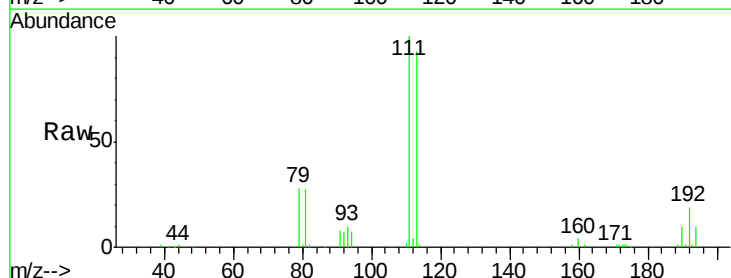
Tgt Ion:113 Resp: 61917

Ion Ratio Lower Upper

113 100

111 105.4 82.4 123.6

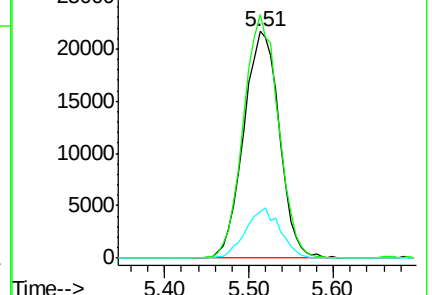
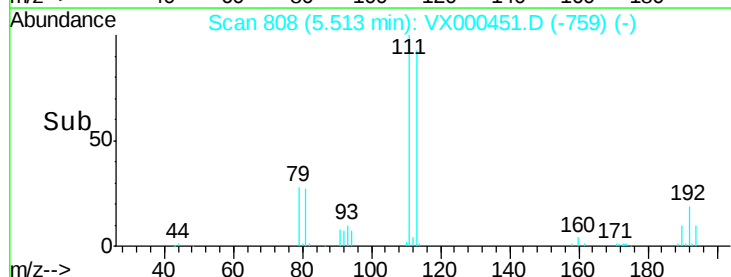
192 21.4 15.8 23.6

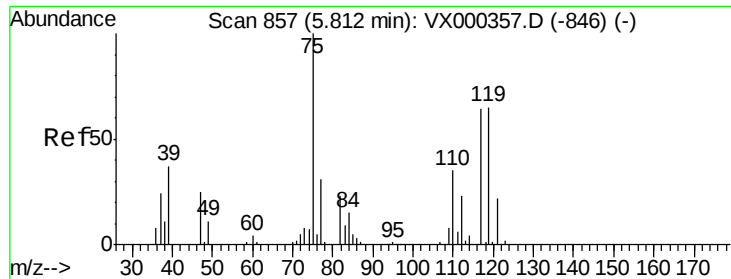


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

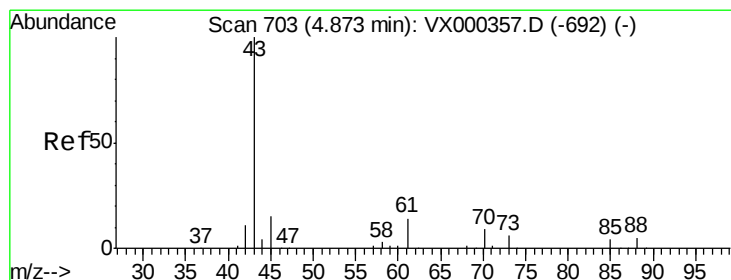
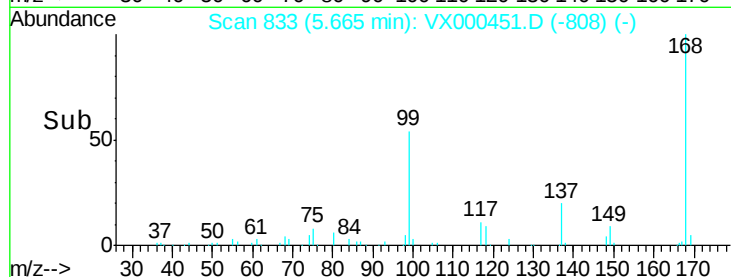
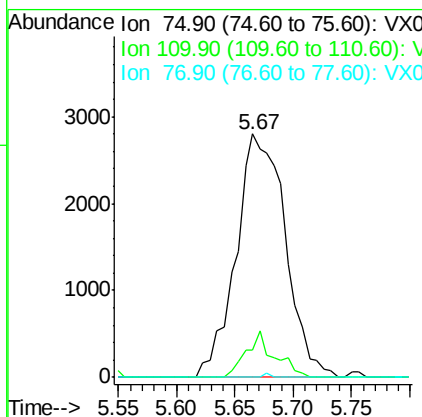
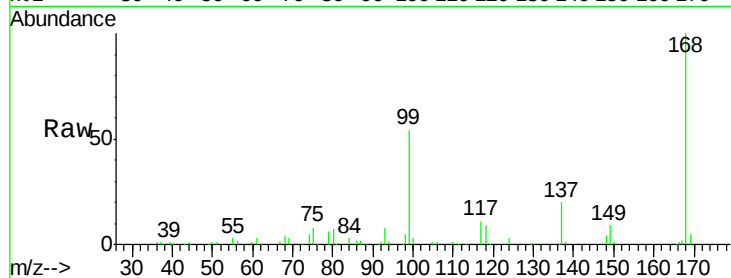




#36  
 1,1-Dichloropropene  
 Concen: 4.557 ug/l  
 RT: 5.67 min Scan# 833  
 Delta R.T. -0.15 min  
 Lab File: VX000451.D  
 Acq: 26 Mar 2018 19:37

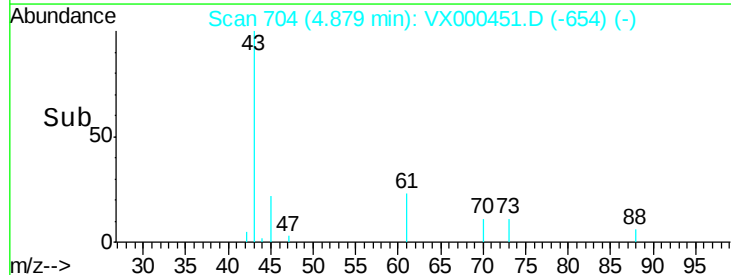
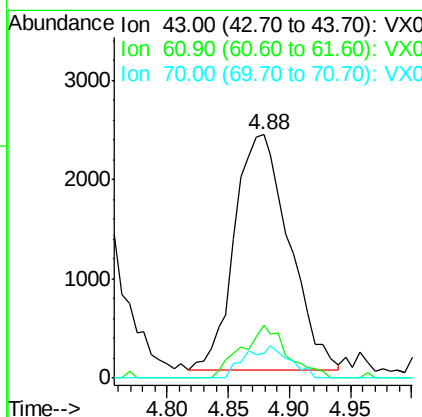
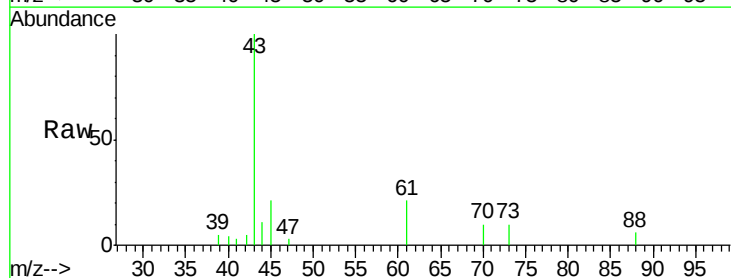
Instrument :  
 MSVOA\_X  
 ClientSampleId :

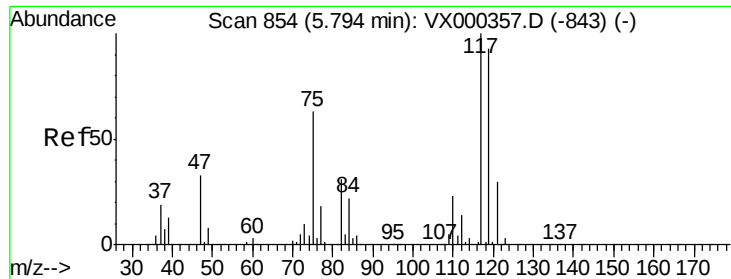
Tot Ion: 75 Resp: 8236  
 Ion Ratio Lower Upper  
 75 100  
 110 11.0 17.9 53.7#  
 77 0.2 24.0 36.0#



#37  
 Ethyl Acetate  
 Concen: 3.011 ug/l  
 RT: 4.88 min Scan# 704  
 Delta R.T. 0.01 min  
 Lab File: VX000451.D  
 Acq: 26 Mar 2018 19:37

Tgt Ion: 43 Resp: 7433  
 Ion Ratio Lower Upper  
 43 100  
 61 18.5 11.1 16.7#  
 70 10.9 7.7 11.5





#38

Carbon Tetrachloride

Concen: 5.883 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.12 min

Lab File: VX000451.D

Acq: 26 Mar 2018 19:37

Instrument :

MSVOA\_X

ClientSampled :

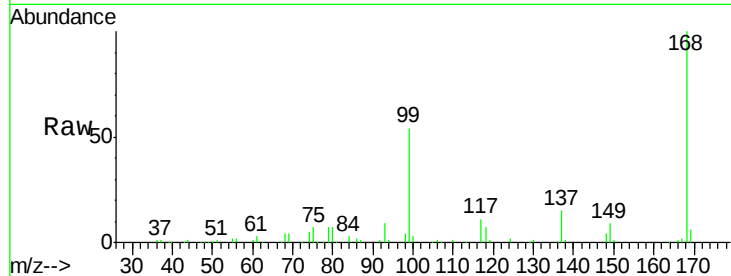
Tot Ion:117 Resp: 11155

Ion Ratio Lower Upper

117 100

119 4.9 77.4 116.2#

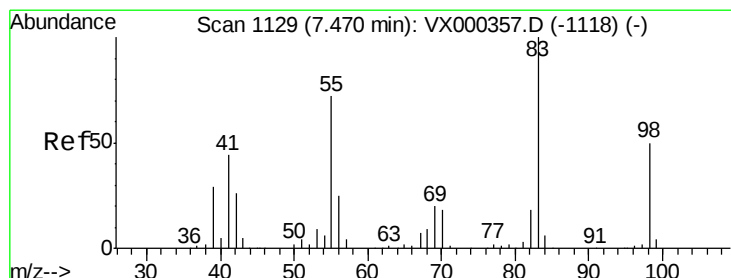
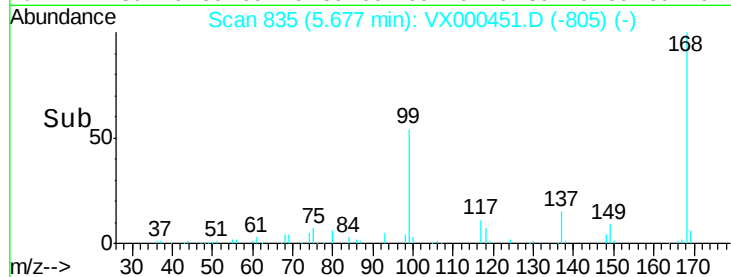
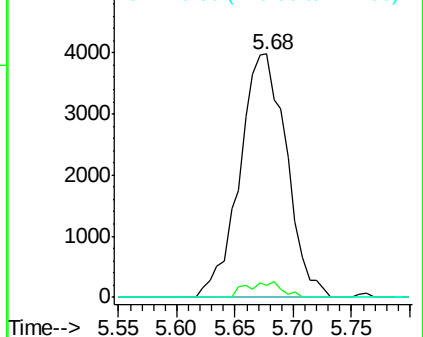
121 0.0 24.8 37.2#



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: 0.408 ug/l

RT: 7.48 min Scan# 1130

Delta R.T. 0.01 min

Lab File: VX000451.D

Acq: 26 Mar 2018 19:37

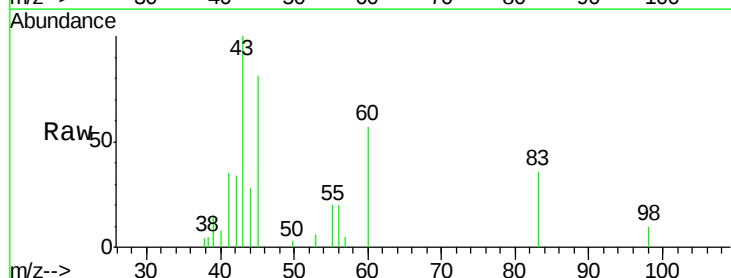
Tgt Ion: 83 Resp: 897

Ion Ratio Lower Upper

83 100

55 54.9 55.5 83.3#

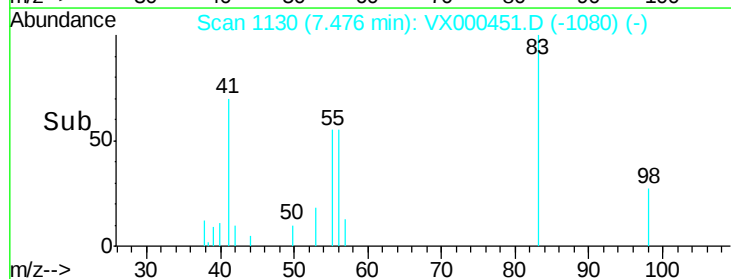
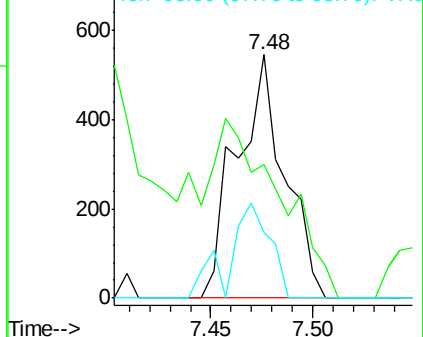
98 27.2 38.2 57.4#

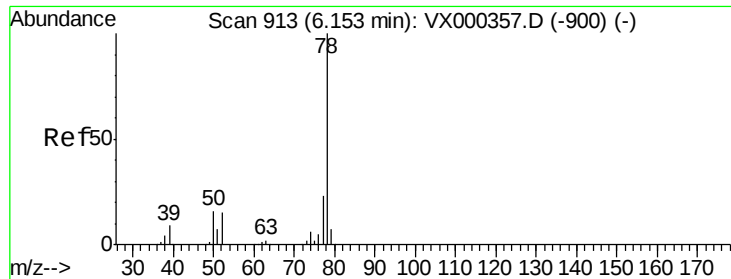


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 25.205 ug/l

RT: 6.15 min Scan# 913

Delta R.T. -0.00 min

Lab File: VX000451.D

Acq: 26 Mar 2018 19:37

Instrument :

MSVOA\_X

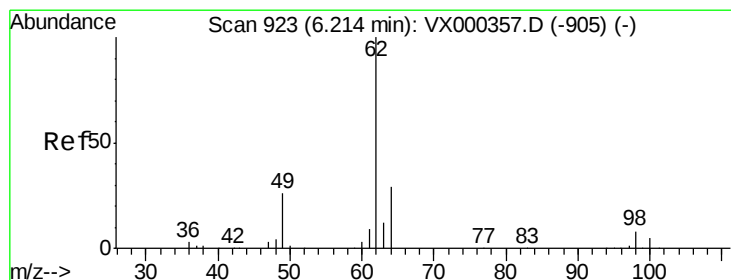
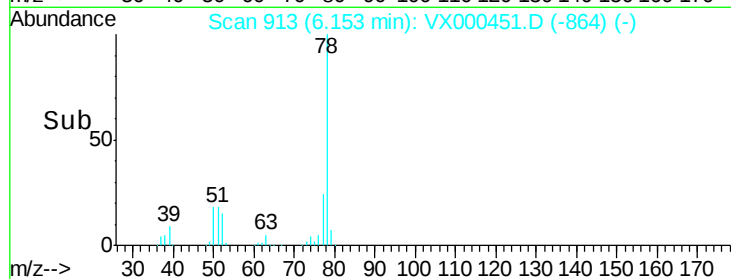
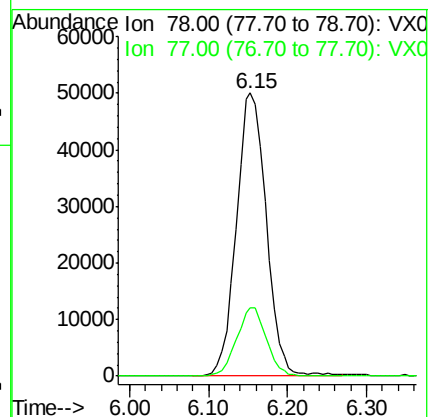
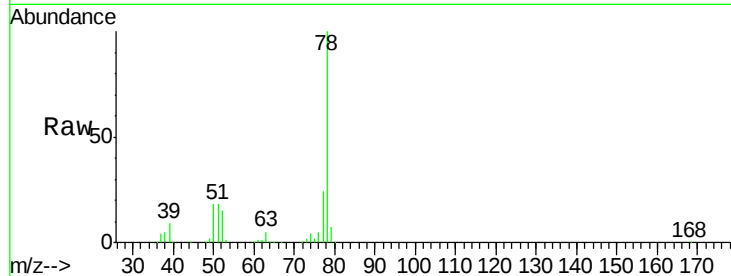
ClientSampled :

Tot Ion: 78 Resp: 132295

Ion Ratio Lower Upper

78 100

77 24.1 18.7 28.1



#42

1,2-Dichloroethane

Concen: 0.673 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.07 min

Lab File: VX000451.D

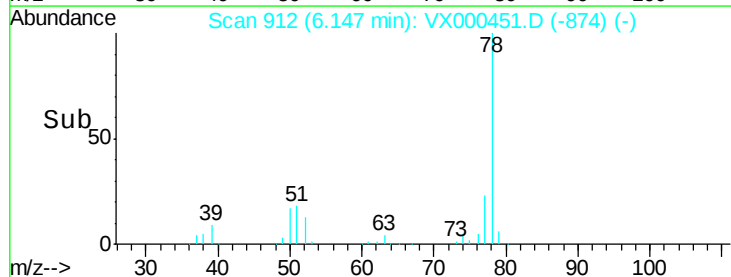
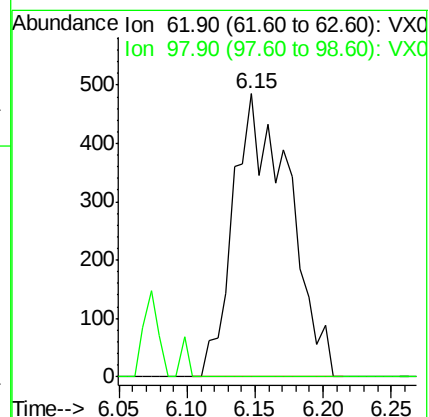
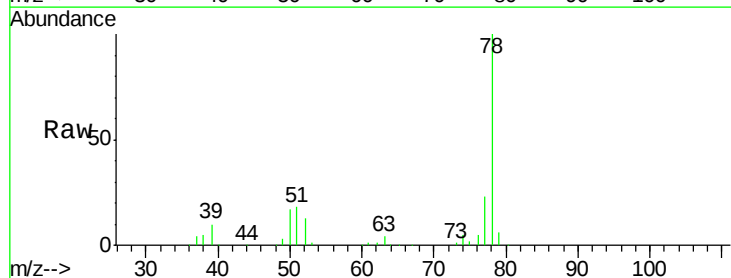
Acq: 26 Mar 2018 19:37

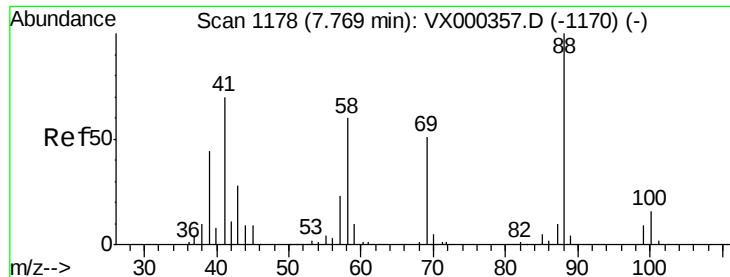
Tgt Ion: 62 Resp: 1385

Ion Ratio Lower Upper

62 100

98 0.0 0.0 15.8

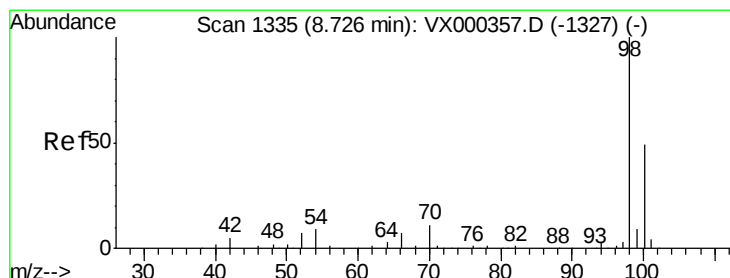
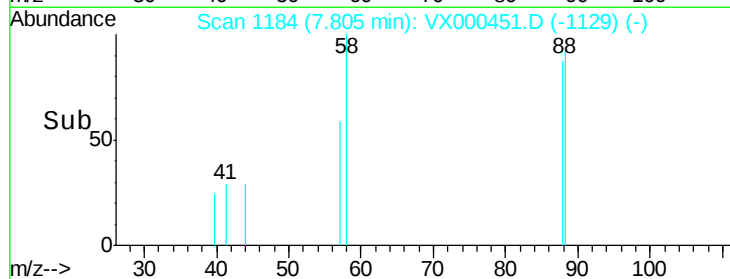
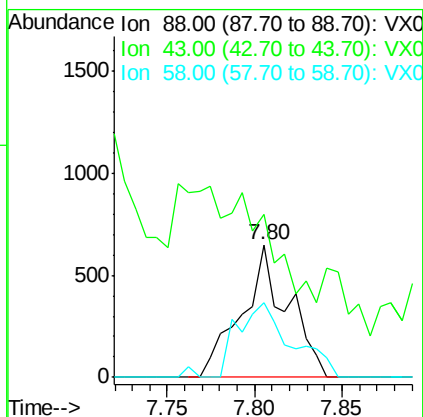
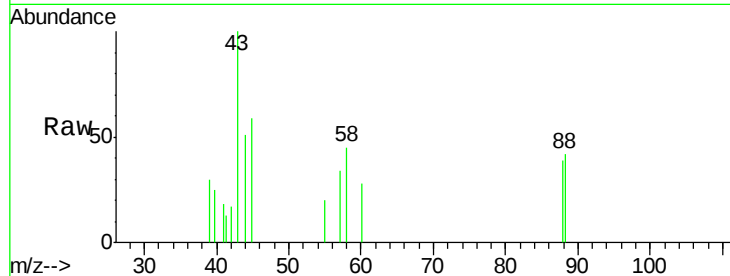




#49  
1,4-Dioxane  
Concen: 31.730 ug/l  
RT: 7.80 min Scan# 1184  
Delta R.T. 0.04 min  
Lab File: VX000451.D  
Acq: 26 Mar 2018 19:37

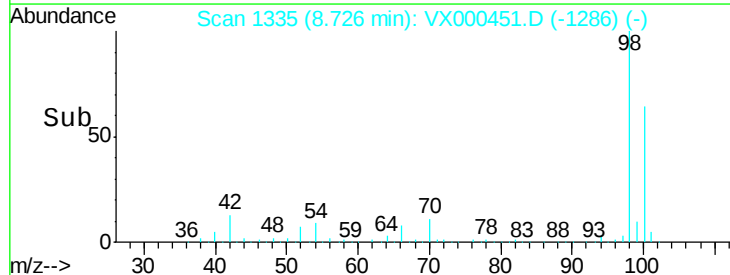
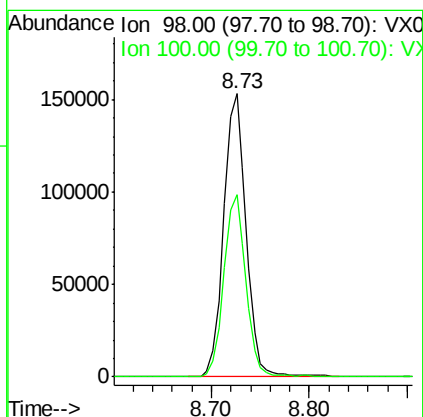
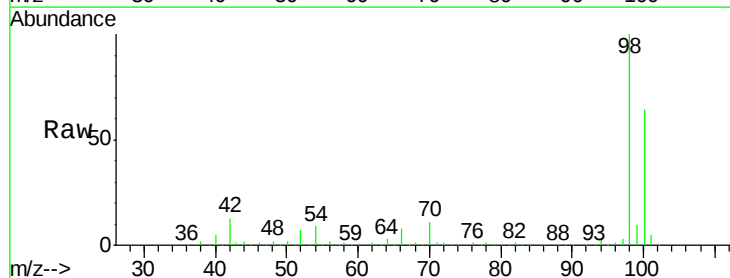
Instrument :  
MSVOA\_X  
ClientSampled :

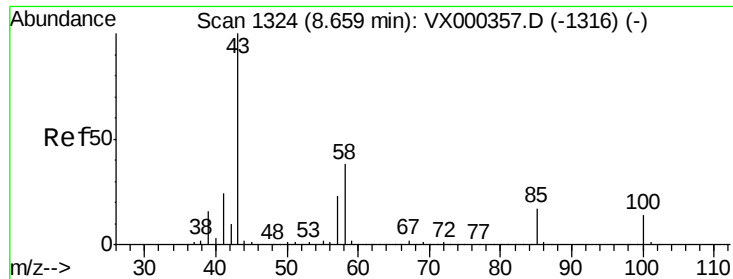
Tot Ion: 88 Resp: 1190  
Ion Ratio Lower Upper  
88 100  
43 0.0 26.8 40.2#  
58 65.5 52.2 78.2



#50  
Toluene-d8  
Concen: 48.313 ug/l  
RT: 8.73 min Scan# 1335  
Delta R.T. -0.00 min  
Lab File: VX000451.D  
Acq: 26 Mar 2018 19:37

Tgt Ion: 98 Resp: 243275  
Ion Ratio Lower Upper  
98 100  
100 63.2 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 0.428 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX000451.D

Acq: 26 Mar 2018 19:37

Instrument :

MSVOA\_X

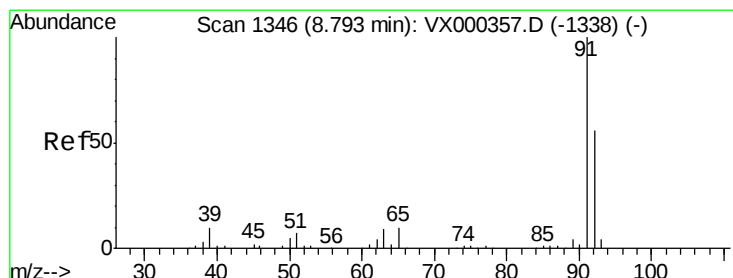
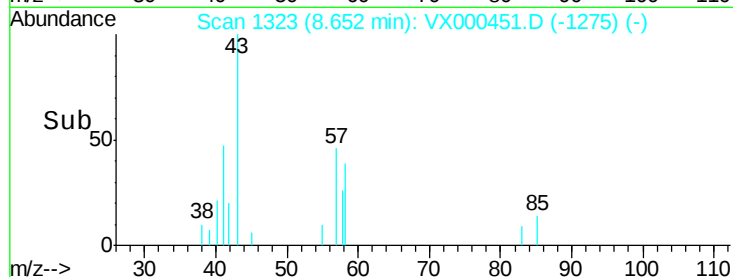
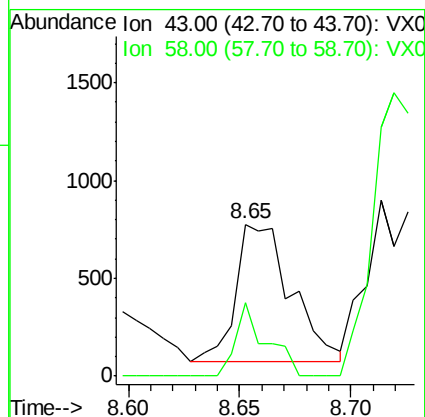
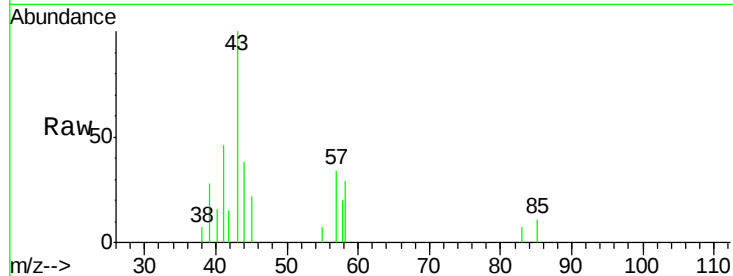
ClientSampleId :

Tot Ion: 43 Resp: 1218

Ion Ratio Lower Upper

43 100

58 29.3 30.3 45.5#



#52

Toluene

Concen: 12.291 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000451.D

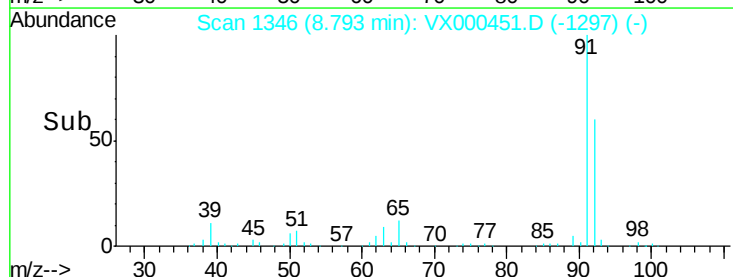
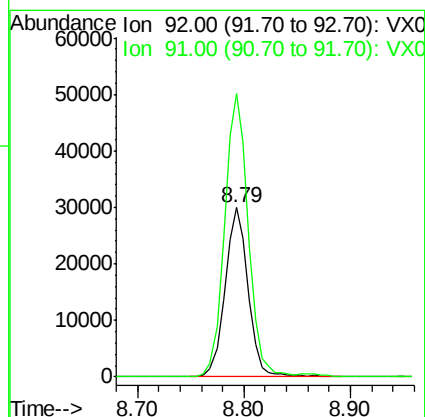
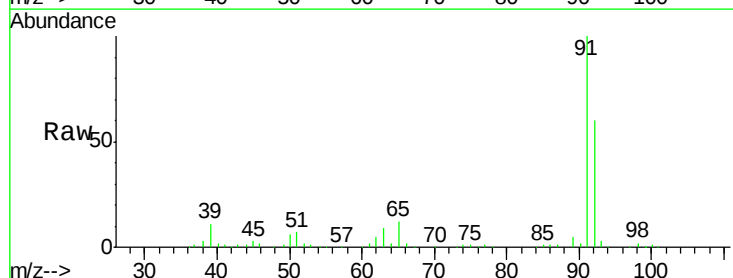
Acq: 26 Mar 2018 19:37

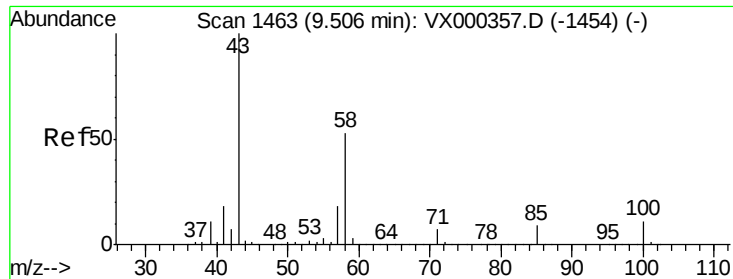
Tgt Ion: 92 Resp: 45100

Ion Ratio Lower Upper

92 100

91 171.2 140.2 210.2

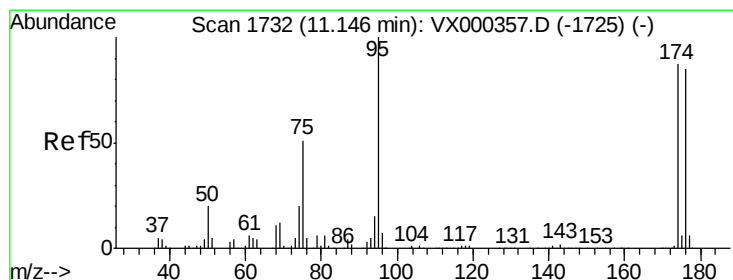
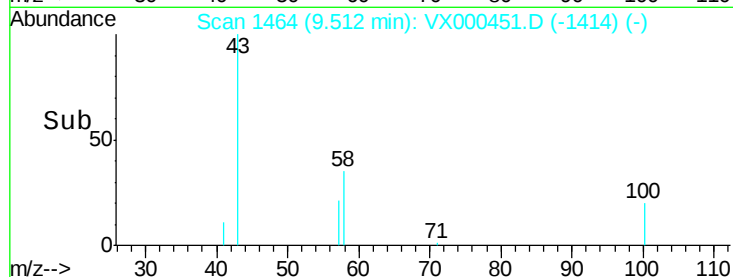
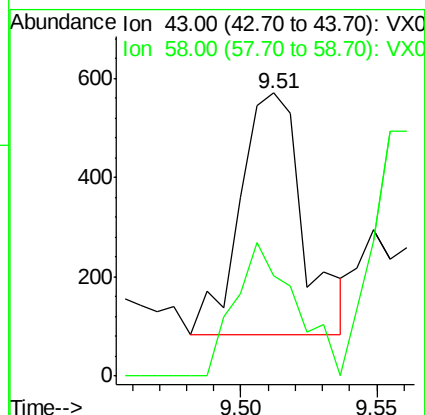
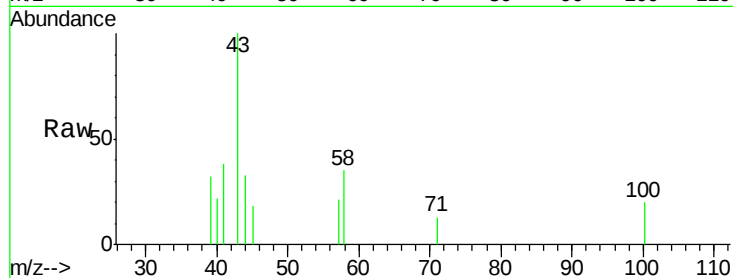




#59  
2-Hexanone  
Concen: 0.327 ug/l  
RT: 9.51 min Scan# 1464  
Delta R.T. 0.01 min  
Lab File: VX000451.D  
Acq: 26 Mar 2018 19:37

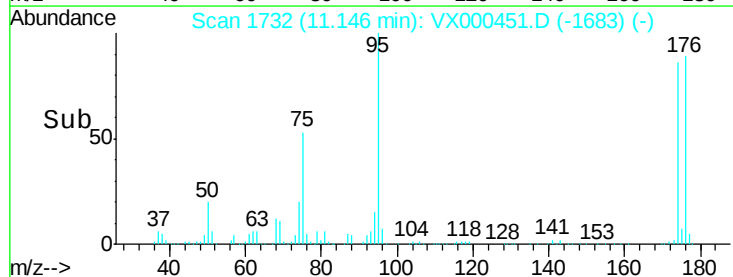
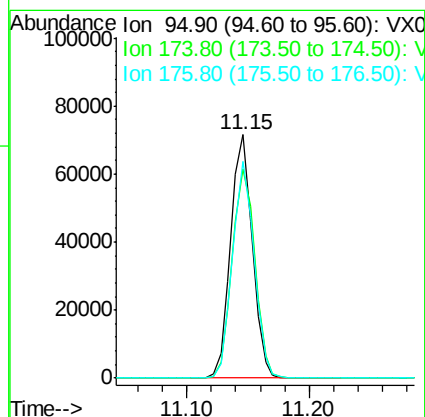
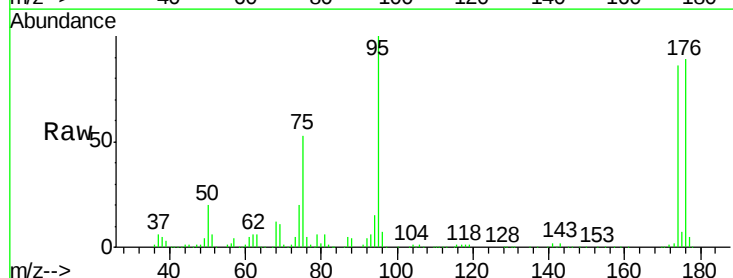
Instrument :  
MSVOA\_X  
ClientSampled :

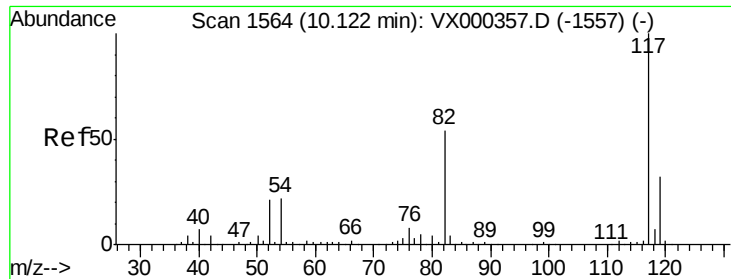
Tot Ion: 43 Resp: 790  
Ion Ratio Lower Upper  
43 100  
58 52.5 26.6 79.7



#62  
4-Bromofluorobenzene  
Concen: 42.135 ug/l  
RT: 11.15 min Scan# 1732  
Delta R.T. -0.00 min  
Lab File: VX000451.D  
Acq: 26 Mar 2018 19:37

Tgt Ion: 95 Resp: 87296  
Ion Ratio Lower Upper  
95 100  
174 90.0 0.0 173.6  
176 88.6 0.0 164.6

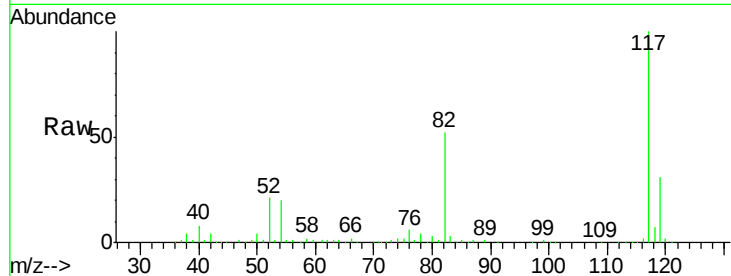




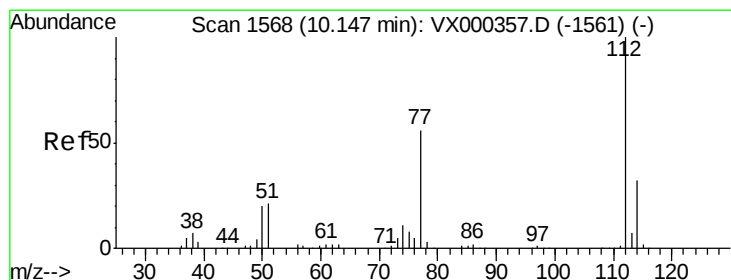
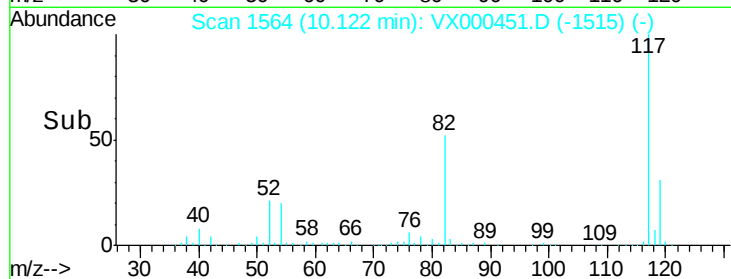
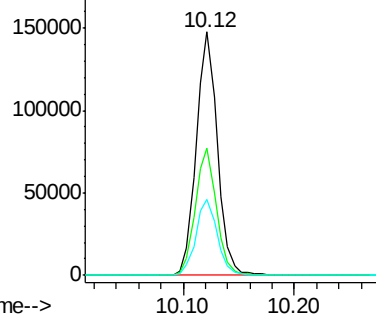
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1564  
Delta R.T. -0.00 min  
Lab File: VX000451.D  
Acq: 26 Mar 2018 19:37

Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion:117 Resp: 193399  
Ion Ratio Lower Upper  
117 100  
82 52.1 43.8 65.8  
119 31.0 24.9 37.3

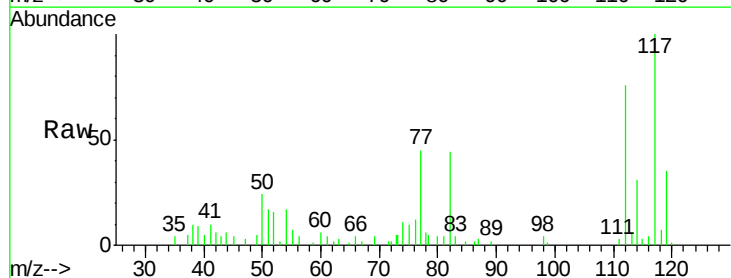


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VX0  
Ion 118.90 (118.60 to 119.60): V

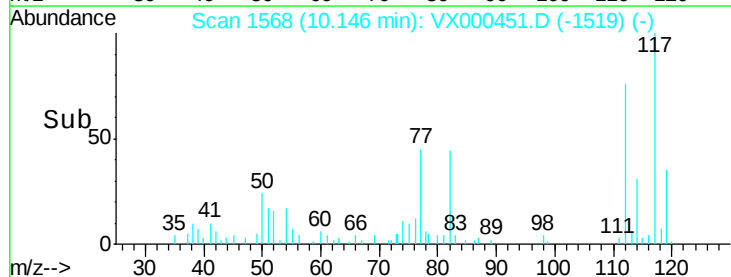
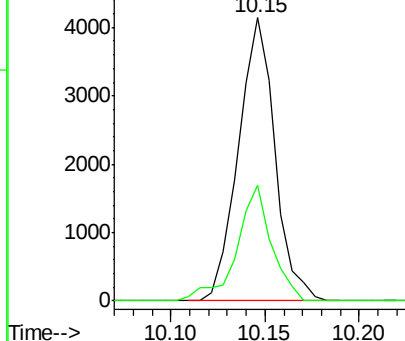


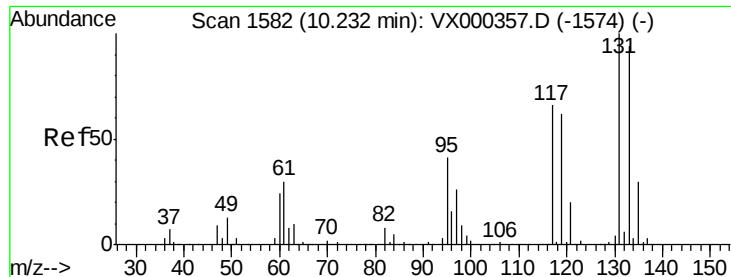
#65  
Chlorobenzene  
Concen: 1.292 ug/l  
RT: 10.15 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VX000451.D  
Acq: 26 Mar 2018 19:37

Tgt Ion:112 Resp: 5561  
Ion Ratio Lower Upper  
112 100  
114 40.7 25.7 38.5#



Abundance Ion 111.90 (111.60 to 112.60): V  
Ion 113.90 (113.60 to 114.60): V

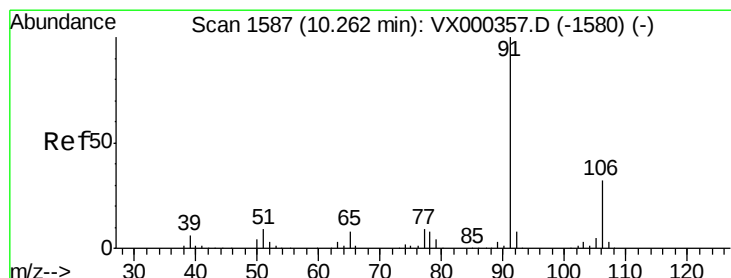
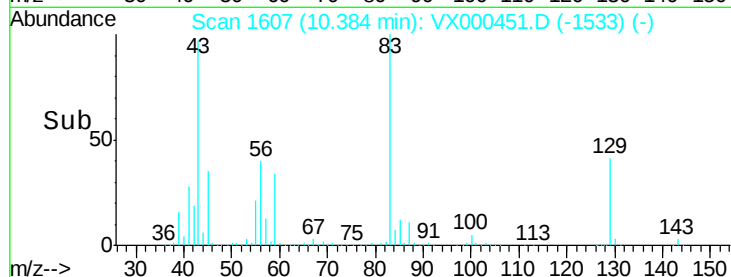
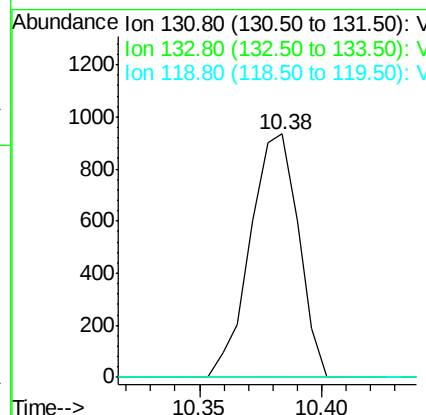
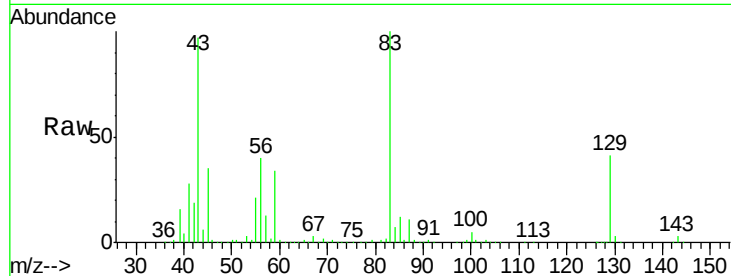




#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 0.881 ug/l  
 RT: 10.38 min Scan# 1607  
 Delta R.T. 0.15 min  
 Lab File: VX000451.D  
 Acq: 26 Mar 2018 19:37

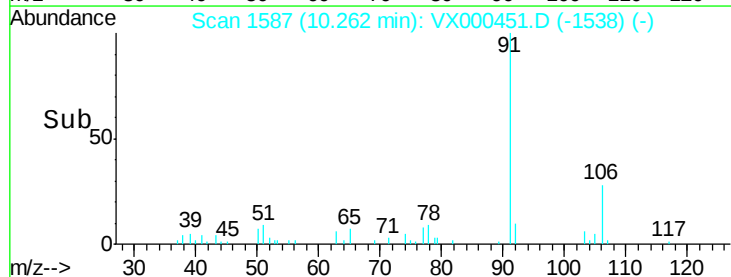
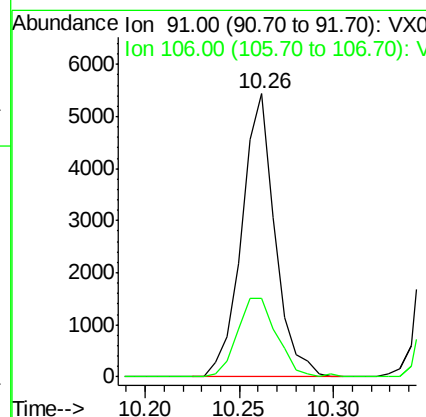
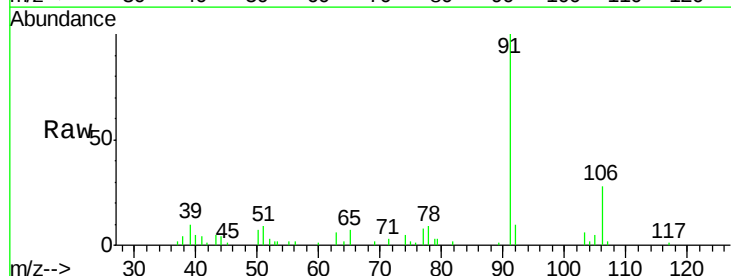
Instrument :  
 MSVOA\_X  
 ClientSampleId :

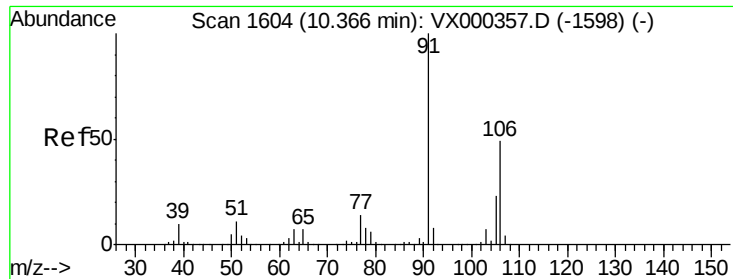
Tot Ion:131 Resp: 1288  
 Ion Ratio Lower Upper  
 131 100  
 133 0.0 47.1 141.3#  
 119 0.0 33.1 99.2#



#67  
 Ethyl Benzene  
 Concen: 0.913 ug/l  
 RT: 10.26 min Scan# 1587  
 Delta R.T. -0.00 min  
 Lab File: VX000451.D  
 Acq: 26 Mar 2018 19:37

Tgt Ion: 91 Resp: 6660  
 Ion Ratio Lower Upper  
 91 100  
 106 27.8 25.0 37.6

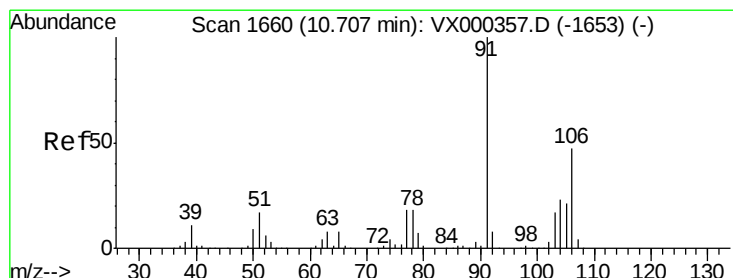
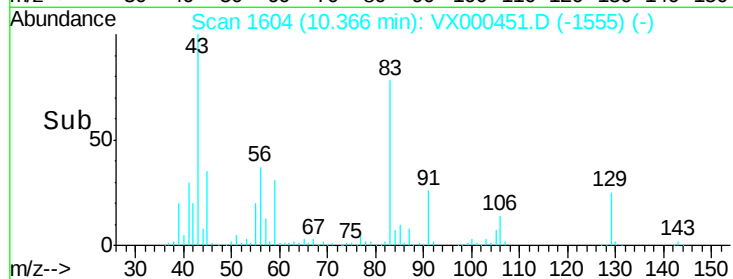
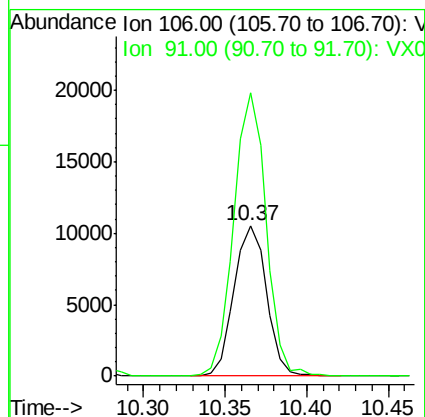
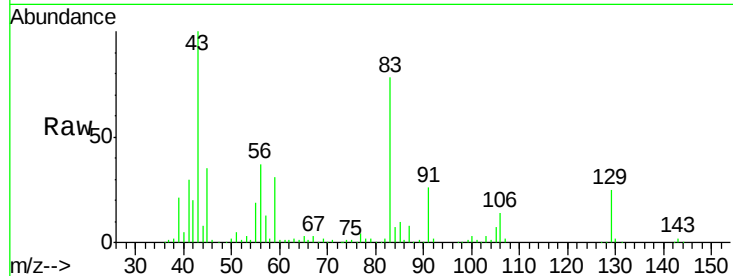




#68  
m/p-Xvlenes  
Concen: 5.119 ug/l  
RT: 10.37 min Scan# 1604  
Delta R.T. -0.00 min  
Lab File: VX000451.D  
Acq: 26 Mar 2018 19:37

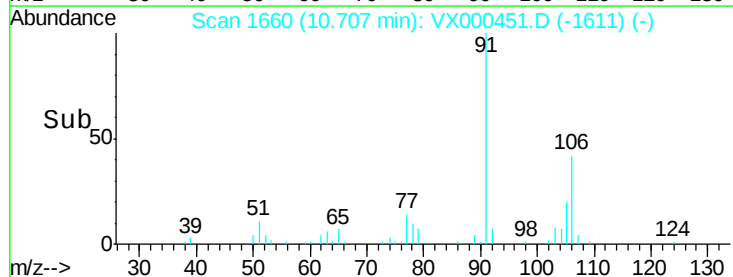
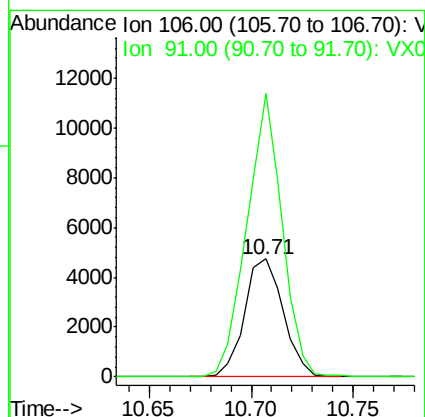
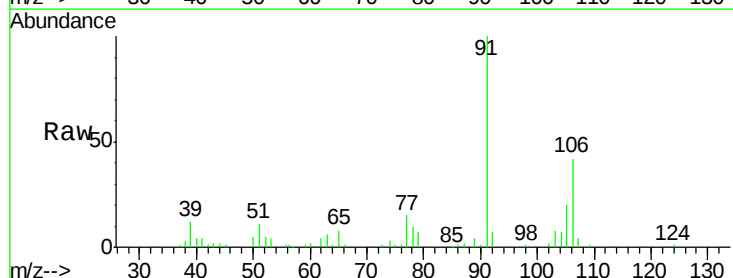
Instrument :  
MSVOA\_X  
ClientSampled :

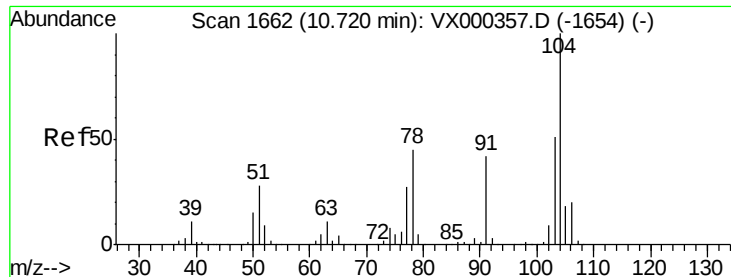
Tot Ion:106 Resp: 14696  
Ion Ratio Lower Upper  
106 100  
91 186.5 163.4 245.2



#69  
o-Xylene  
Concen: 2.252 ug/l  
RT: 10.71 min Scan# 1660  
Delta R.T. -0.00 min  
Lab File: VX000451.D  
Acq: 26 Mar 2018 19:37

Tgt Ion:106 Resp: 6259  
Ion Ratio Lower Upper  
106 100  
91 218.4 106.5 319.6

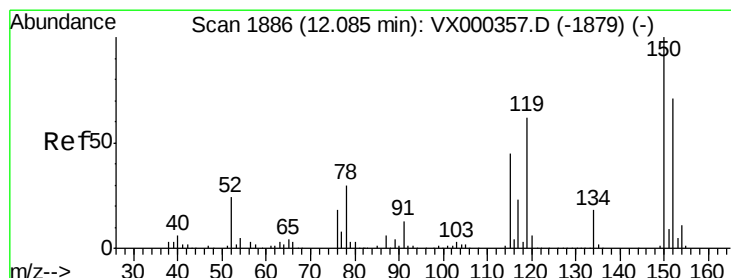
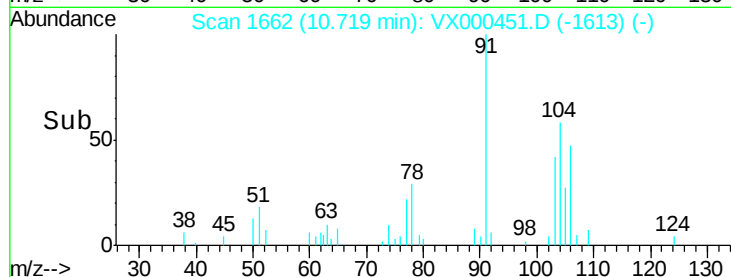
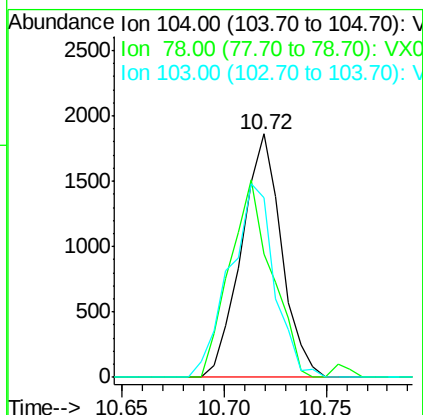
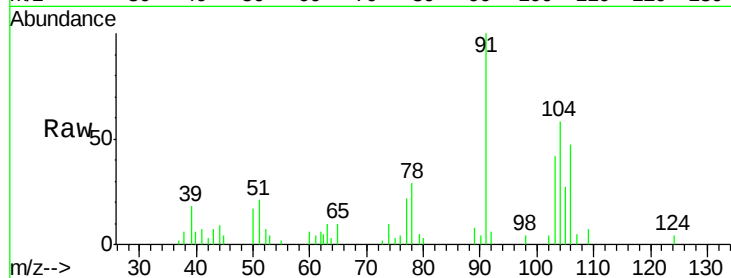




#70  
Stvrene  
Concen: 0.554 ug/l  
RT: 10.72 min Scan# 1662  
Delta R.T. -0.00 min  
Lab File: VX000451.D  
Acq: 26 Mar 2018 19:37

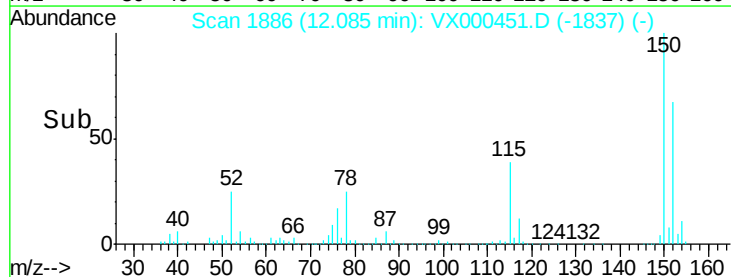
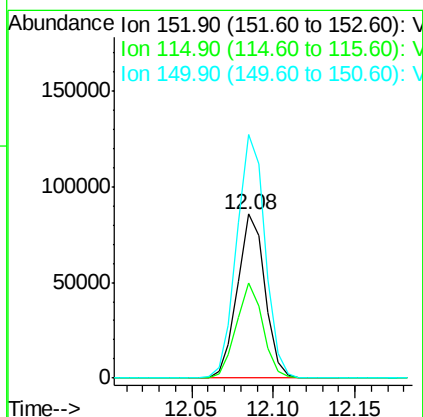
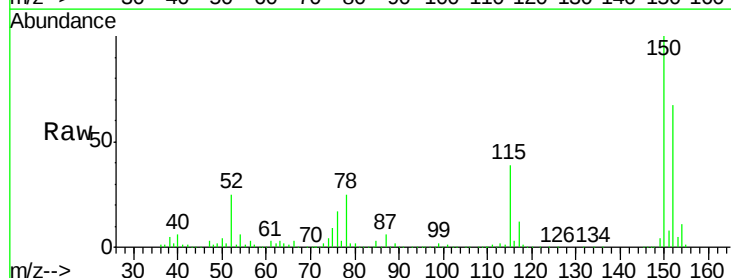
Instrument :  
MSVOA\_X  
ClientSampled :

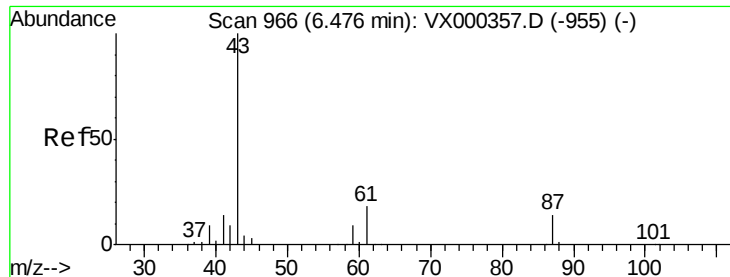
Tot Ion:104 Resp: 2547  
Ion Ratio Lower Upper  
104 100  
78 84.6 40.5 60.7#  
103 88.1 45.7 68.5#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.08 min Scan# 1886  
Delta R.T. -0.00 min  
Lab File: VX000451.D  
Acq: 26 Mar 2018 19:37

Tgt Ion:152 Resp: 101464  
Ion Ratio Lower Upper  
152 100  
115 55.6 39.8 119.3  
150 152.4 0.0 344.4





#74

N-amvl acetate

Concen: Below Cal

RT: 6.49 min Scan# 968

Delta R.T. 0.01 min

Lab File: VX000451.D

Acq: 26 Mar 2018 19:37

Instrument :  
MSVOA\_X  
ClientSampled :

Tot Ion: 43 Resp: 706

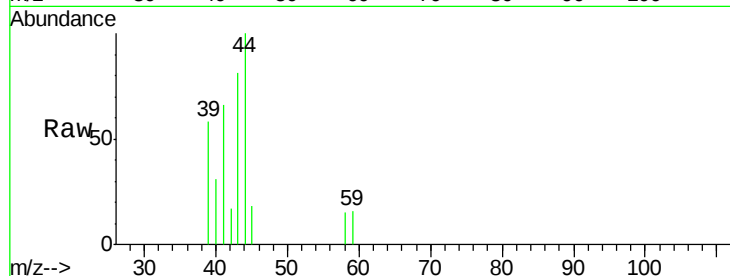
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 7.6 0.0 0.0#

61 0.0 14.4 21.6#

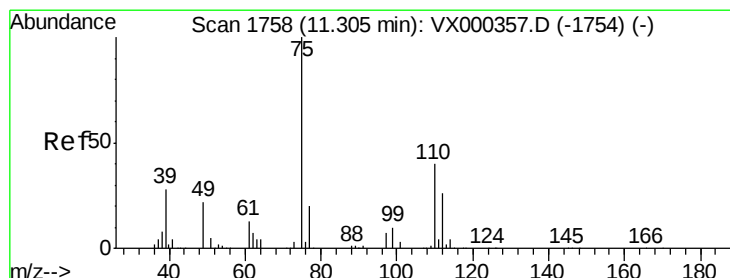
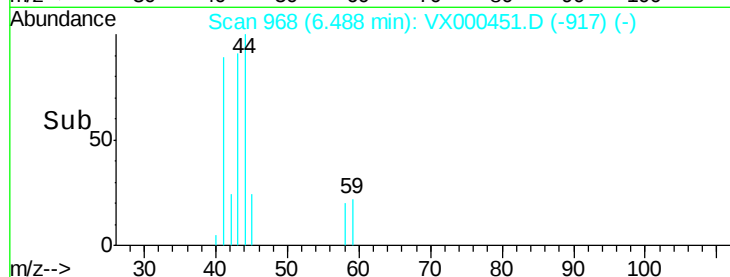
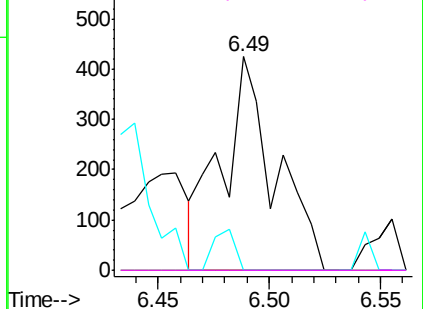


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 22.260 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.16 min

Lab File: VX000451.D

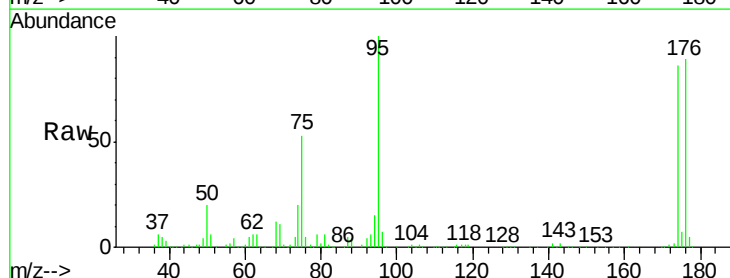
Acq: 26 Mar 2018 19:37

Tgt Ion: 75 Resp: 48539

Ion Ratio Lower Upper

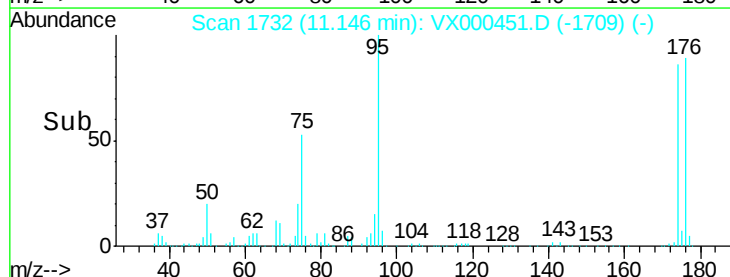
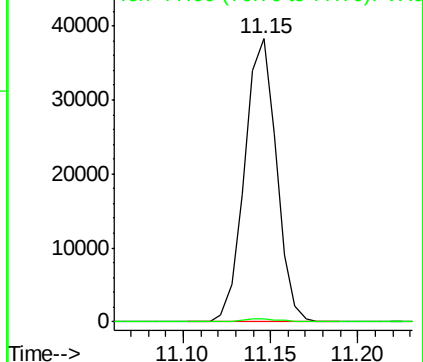
75 100

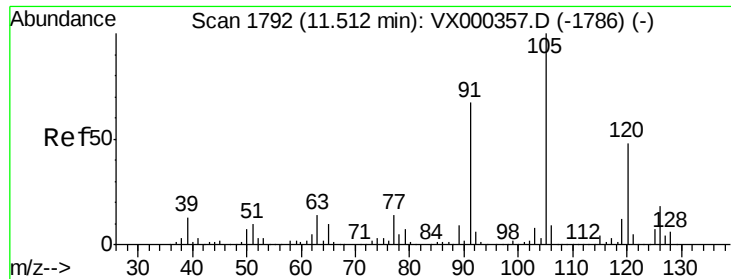
77 1.3 21.4 64.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

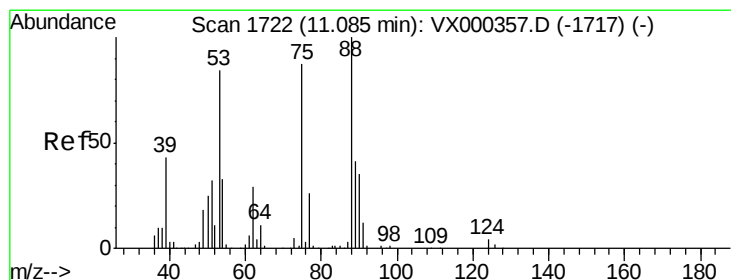
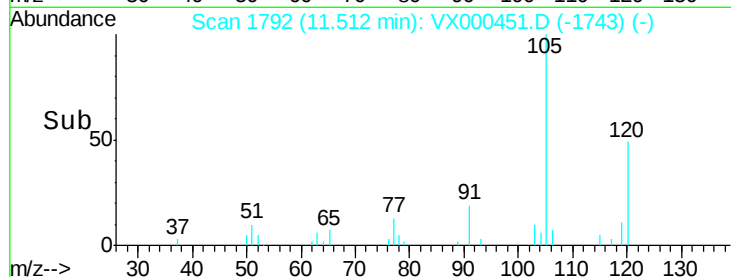
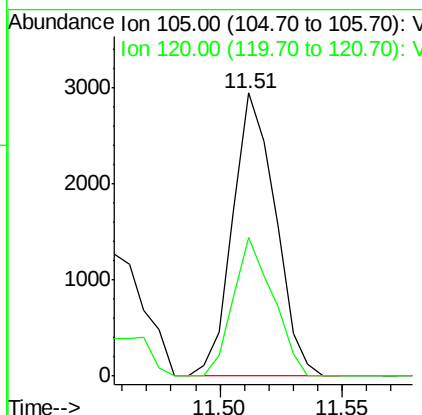
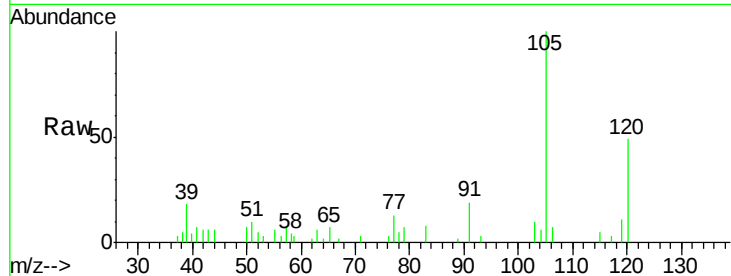




#80  
 1,3,5-Trimethylbenzene  
 Concen: 0.633 ug/l  
 RT: 11.51 min Scan# 1792  
 Delta R.T. -0.00 min  
 Lab File: VX000451.D  
 Acq: 26 Mar 2018 19:37

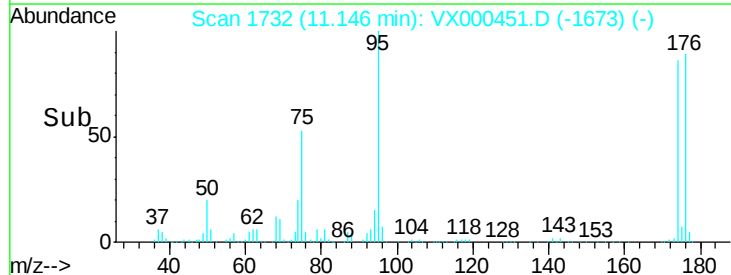
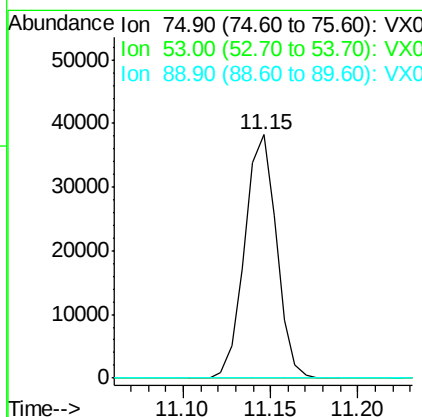
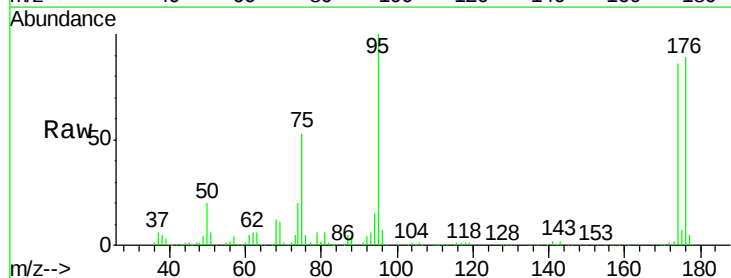
Instrument :  
 MSVOA\_X  
 ClientSampleId :

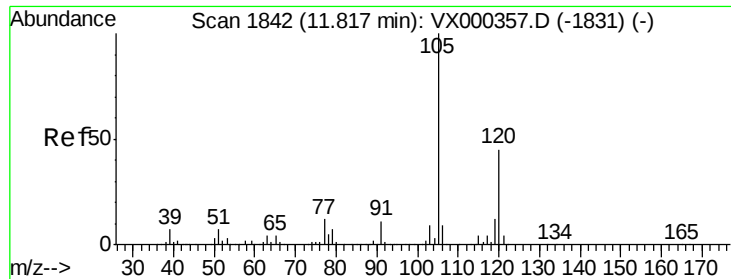
Tot Ion:105 Resp: 3579  
 Ion Ratio Lower Upper  
 105 100  
 120 45.9 24.1 72.4



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 72.067 ug/l  
 RT: 11.15 min Scan# 1732  
 Delta R.T. 0.06 min  
 Lab File: VX000451.D  
 Acq: 26 Mar 2018 19:37

Tgt Ion: 75 Resp: 48539  
 Ion Ratio Lower Upper  
 75 100  
 53 0.1 80.7 121.1#  
 89 0.0 39.4 59.0#

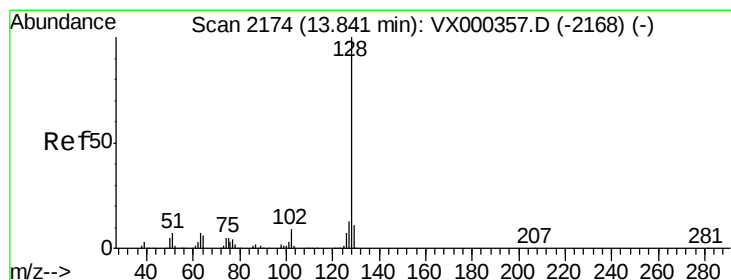
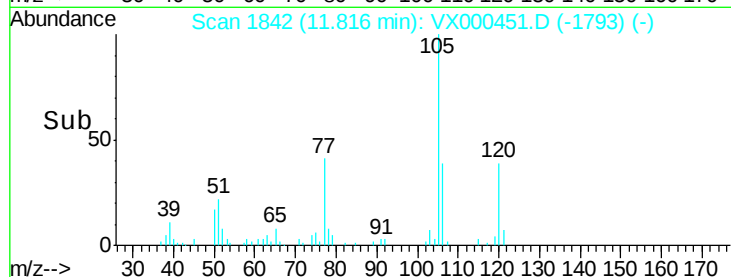
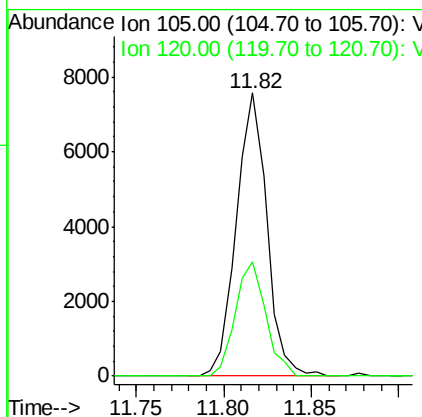
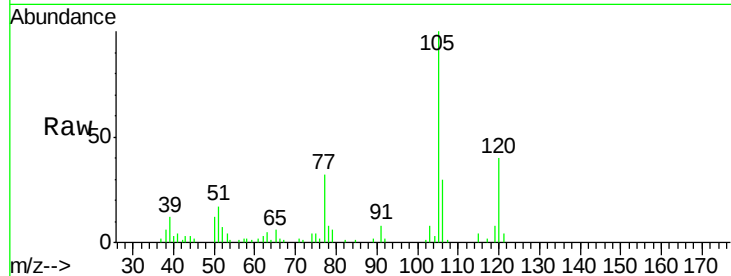




#84  
 1,2,4-Trimethylbenzene  
 Concen: 1.552 ug/l  
 RT: 11.82 min Scan# 1842  
 Delta R.T. -0.00 min  
 Lab File: VX000451.D  
 Acq: 26 Mar 2018 19:37

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Tot Ion:105 Resp: 9200  
 Ion Ratio Lower Upper  
 105 100  
 120 40.1 22.4 67.3



#95  
 Naphthalene  
 Concen: 2.473 ug/l  
 RT: 13.84 min Scan# 2174  
 Delta R.T. -0.00 min  
 Lab File: VX000451.D  
 Acq: 26 Mar 2018 19:37

Tgt Ion:128 Resp: 20500  
 Ion Ratio Lower Upper  
 128 100  
 127 13.4 10.6 15.8  
 129 10.9 8.9 13.3

