

Data Path : W:\HPCHEM1\MSVOA\_X\DATA\VX042718\  
 Data File : VX001186.D  
 Acq On : 27 Apr 2018 22:26  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Apr 28 03:13:26 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  | 198776   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 271261   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 260841   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 182580   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 6.08   | 65  | 141714   | 45.99 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 91.98%  |      |
| 35) Dibromofluoromethane    | 5.51   | 113 | 113587   | 50.59 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 101.18% |      |
| 50) Toluene-d8              | 8.72   | 98  | 423199   | 49.95 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 99.90%  |      |
| 62) 4-Bromofluorobenzene    | 11.14  | 95  | 166298   | 50.24 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 100.48% |      |

| Target Compounds              |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 97012   | 46.537  | ug/l | 96     |
| 3) Chloromethane              | 1.32 | 50  | 97721   | 44.761  | ug/l | 100    |
| 4) Vinyl Chloride             | 1.40 | 62  | 109909  | 47.450  | ug/l | 99     |
| 5) Bromomethane               | 1.64 | 94  | 84351   | 59.990  | ug/l | 99     |
| 6) Chloroethane               | 1.72 | 64  | 71017   | 48.711  | ug/l | 100    |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 185927  | 49.702  | ug/l | 99     |
| 8) Diethyl Ether              | 2.19 | 74  | 69255   | 48.149  | ug/l | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 100305  | 48.665  | ug/l | 99     |
| 10) Methyl Iodide             | 2.51 | 142 | 88725   | 42.649  | ug/l | 100    |
| 11) Tert butyl alcohol        | 3.08 | 59  | 139772  | 230.029 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 96050   | 47.783  | ug/l | 97     |
| 13) Acrolein                  | 2.30 | 56  | 40010   | 174.178 | ug/l | 99     |
| 14) Allyl chloride            | 2.73 | 41  | 181916  | 49.611  | ug/l | 98     |
| 15) Acrylonitrile             | 3.15 | 53  | 298238  | 229.847 | ug/l | 99     |
| 16) Acetone                   | 2.45 | 43  | 278384  | 219.702 | ug/l | 100    |
| 17) Carbon Disulfide          | 2.57 | 76  | 239707  | 46.737  | ug/l | 99     |
| 18) Methyl Acetate            | 2.78 | 43  | 153752  | 48.491  | ug/l | 98     |
| 19) Methyl tert-butyl Ether   | 3.21 | 73  | 362520  | 48.992  | ug/l | 98     |
| 20) Methylene Chloride        | 2.86 | 84  | 110973  | 47.025  | ug/l | 98     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 106204  | 47.796  | ug/l | 97     |
| 22) Diisopropyl ether         | 3.88 | 45  | 356685  | 48.615  | ug/l | 96     |
| 23) Vinyl Acetate             | 3.83 | 43  | 1522224 | 244.562 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 184614  | 47.876  | ug/l | 99     |
| 25) 2-Butanone                | 4.71 | 43  | 420629  | 221.861 | ug/l | 98     |
| 26) 2,2-Dichloropropane       | 4.59 | 77  | 127376  | 41.966  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 117828  | 48.430  | ug/l | 99     |
| 28) Bromochloromethane        | 5.03 | 49  | 92795   | 53.671  | ug/l | 99     |
| 29) Tetrahydrofuran           | 5.17 | 42  | 272615  | 223.641 | ug/l | 99     |
| 30) Chloroform                | 5.23 | 83  | 203460  | 49.617  | ug/l | 97     |
| 31) Cyclohexane               | 5.58 | 56  | 154401  | 47.129  | ug/l | 97     |
| 32) 1,1,1-Trichloroethane     | 5.51 | 97  | 176181  | 49.771  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 5.81 | 75  | 144419  | 48.313  | ug/l | 99     |
| 37) Ethyl Acetate             | 4.87 | 43  | 164472  | 45.946  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 5.79 | 117 | 153967  | 50.232  | ug/l | 99     |

Data Path : W:\HPCHEM1\MSVOA\_X\DATA\VX042718\  
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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Apr 28 03:13:26 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) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.47  | 83   | 158868   | 48.022  | ug/l   | 96       |
| 40) Benzene                    | 6.15  | 78   | 440087   | 50.893  | ug/l   | 100      |
| 41) Methacrylonitrile          | 5.07  | 41   | 94967    | 47.213  | ug/l   | 100      |
| 42) 1,2-Dichloroethane         | 6.21  | 62   | 177331   | 50.891  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 6.48  | 43   | 268889   | 47.829  | ug/l   | 99       |
| 44) Trichloroethene            | 7.22  | 130  | 129190   | 50.149  | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 111998   | 49.244  | ug/l   | 99       |
| 46) Dibromomethane             | 7.67  | 93   | 81442    | 51.712  | ug/l   | 100      |
| 47) Bromodichloromethane       | 7.91  | 83   | 149982   | 52.414  | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.79  | 41   | 144790   | 48.452  | ug/l   | 100      |
| 49) 1,4-Dioxane                | 7.76  | 88   | 58294    | 974.359 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 8.66  | 43   | 907019   | 245.610 | ug/l   | 98       |
| 52) Toluene                    | 8.79  | 92   | 288305   | 50.985  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 8.45  | 75   | 172773   | 51.937  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 9.05  | 75   | 162204   | 45.239  | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane      | 9.22  | 97   | 121652   | 50.849  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 9.19  | 69   | 179533   | 50.648  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 9.38  | 76   | 197379   | 50.999  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.32  | 63   | 420756   | 251.086 | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.51  | 43   | 696830   | 240.828 | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.59  | 129  | 131098   | 47.118  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 9.68  | 107  | 131457   | 52.448  | ug/l   | 100      |
| 64) Tetrachloroethene          | 9.34  | 164  | 141356   | 50.770  | ug/l   | 98       |
| 65) Chlorobenzene              | 10.15 | 112  | 343004   | 50.191  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.23 | 131  | 126771   | 53.616  | ug/l   | 100      |
| 67) Ethyl Benzene              | 10.26 | 91   | 561862   | 50.602  | ug/l   | 100      |
| 68) m/p-Xylenes                | 10.37 | 106  | 448431   | 102.156 | ug/l   | 100      |
| 69) o-Xylene                   | 10.71 | 106  | 217226   | 51.020  | ug/l   | 99       |
| 70) Styrene                    | 10.72 | 104  | 368773   | 52.044  | ug/l   | 100      |
| 71) Bromoform                  | 10.87 | 173  | 106955   | 43.696  | ug/l   | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 575268   | 48.341  | ug/l   | 99       |
| 74) N-amyl acetate             | 6.48  | 43   | 268889   | 44.840  | ug/l # | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 186959   | 47.350  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 207301   | 55.759  | ug/l   | 89       |
| 77) Bromobenzene               | 11.26 | 156  | 171342   | 48.553  | ug/l   | 100      |
| 78) n-propylbenzene            | 11.37 | 91   | 656184   | 49.450  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.43 | 91   | 396061   | 48.149  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 504360   | 50.058  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.08 | 75   | 43928    | 38.850  | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 11.52 | 91   | 479460   | 49.038  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 498180   | 49.546  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 519755   | 50.188  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.95 | 105  | 576079   | 49.046  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 538578   | 49.291  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 12.03 | 146  | 311463   | 49.162  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 320086   | 48.492  | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.40 | 91   | 459407   | 48.579  | ug/l   | 100      |
| 90) Hexachloroethane           | 12.60 | 117  | 77535    | 44.380  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 12.40 | 146  | 314644   | 49.138  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 13.01 | 75   | 41289    | 47.384  | ug/l   | 98       |

Data Path : W:\HPCHEM1\MSVOA\_X\DATA\VX042718\  
Data File : VX001186.D  
Acq On : 27 Apr 2018 22:26  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Quant Time: Apr 28 03:13:26 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

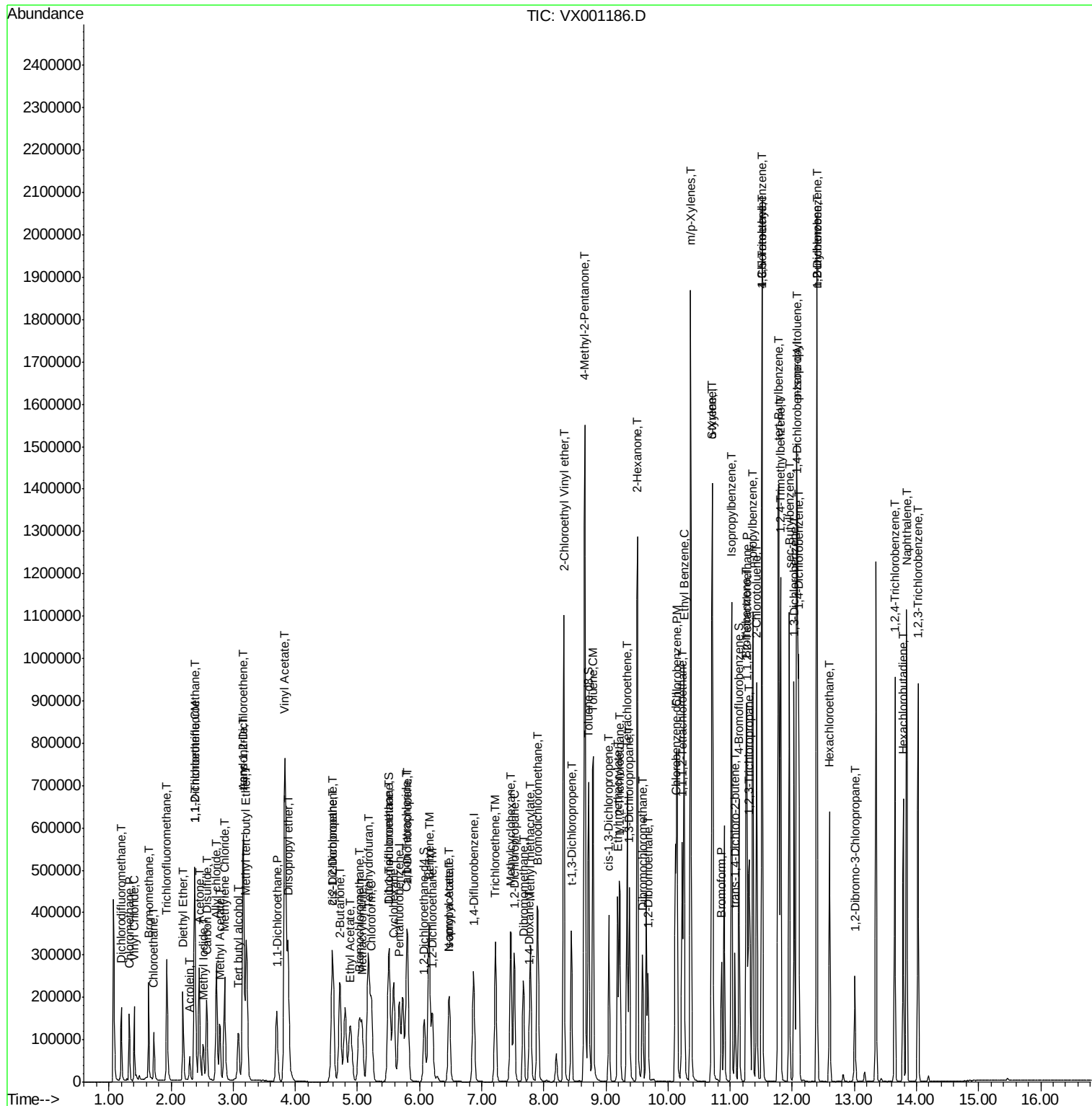
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 239082   | 47.628 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 13.79 | 225  | 106326   | 45.061 | ug/l  | 100      |
| 95) Naphthalene            | 13.84 | 128  | 673088   | 48.125 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 238198   | 47.684 | ug/l  | 99       |

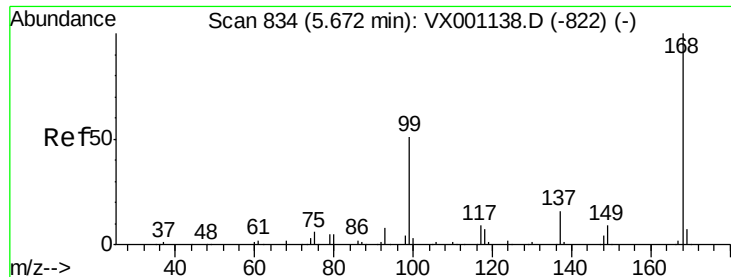
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA\_X\DATA\VX042718\  
Data File : VX001186.D  
Acq On : 27 Apr 2018 22:26  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**  
MSVOA\_X  
**ClientSampleId :**  
VSTDCCC050

Quant Time: Apr 28 03:13:26 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001186.D

Acq: 27 Apr 2018 22:26

Instrument :

MSVOA\_X

ClientSampleId :

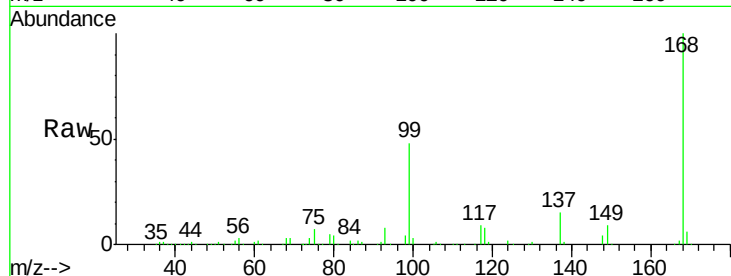
VSTDCCC050

Tgt Ion:168 Resp: 198776

Ion Ratio Lower Upper

168 100

99 47.6 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

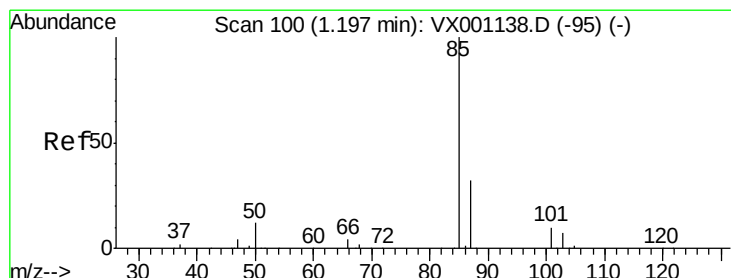
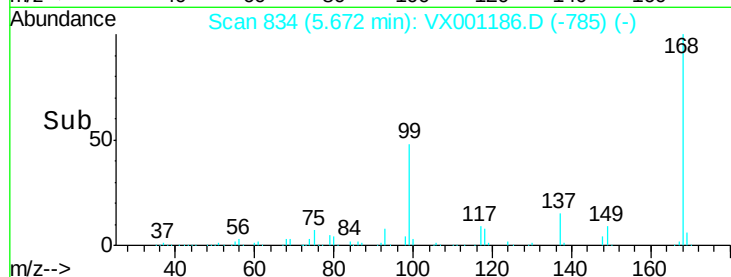
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 46.537 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001186.D

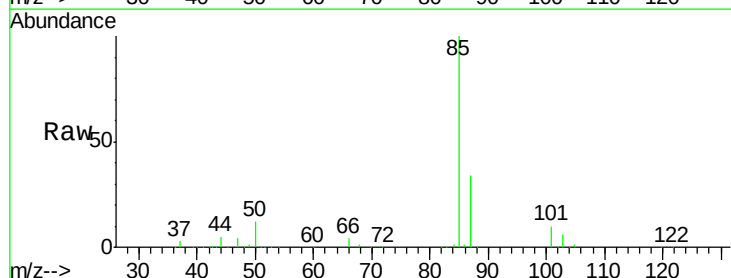
Acq: 27 Apr 2018 22:26

Tgt Ion: 85 Resp: 97012

Ion Ratio Lower Upper

85 100

87 34.0 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

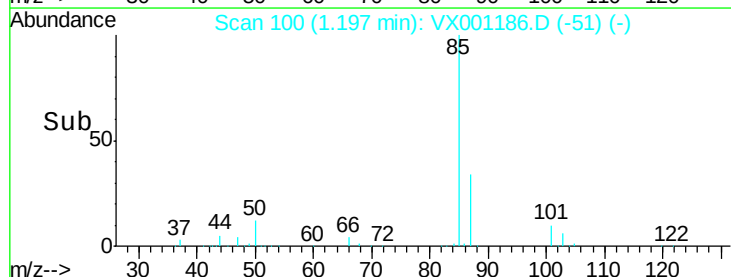
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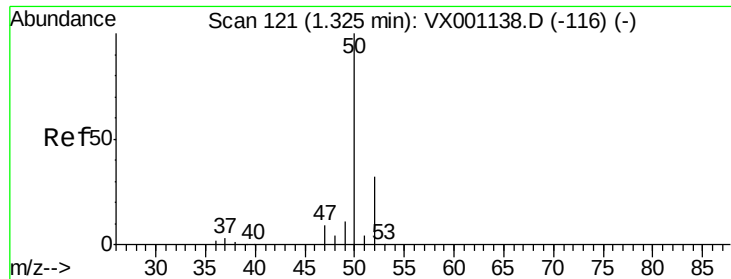
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 44.761 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001186.D

Acq: 27 Apr 2018 22:26

Instrument :

MSVOA\_X

ClientSampleId :

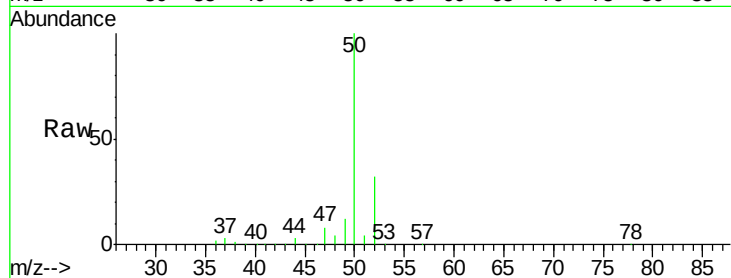
VSTDCCC050

Tgt Ion: 50 Resp: 97721

Ion Ratio Lower Upper

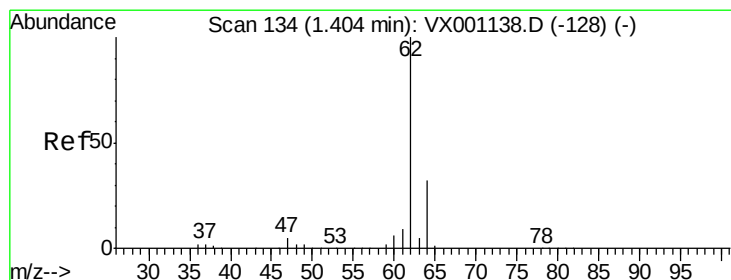
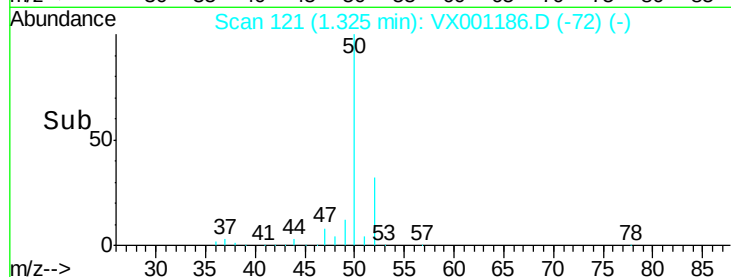
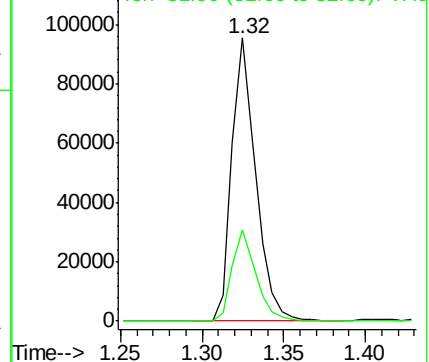
50 100

52 32.2 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.450 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001186.D

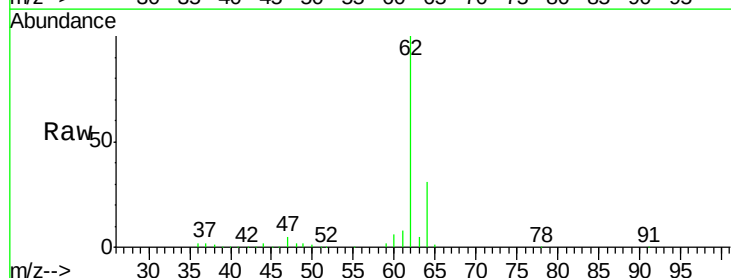
Acq: 27 Apr 2018 22:26

Tgt Ion: 62 Resp: 109909

Ion Ratio Lower Upper

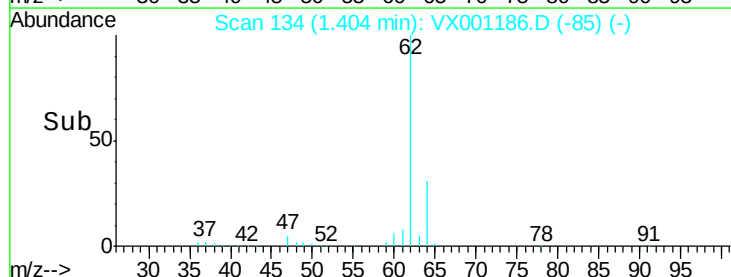
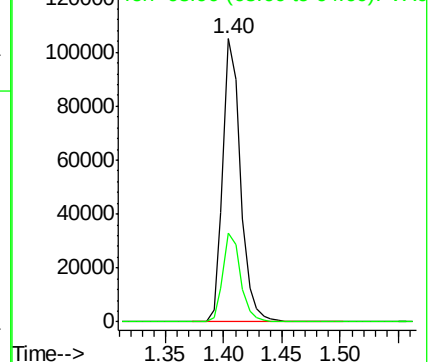
62 100

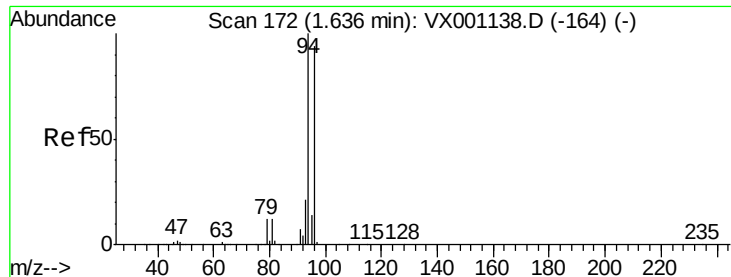
64 31.3 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 59.990 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001186.D

Acq: 27 Apr 2018 22:26

Instrument :

MSVOA\_X

ClientSampleId :

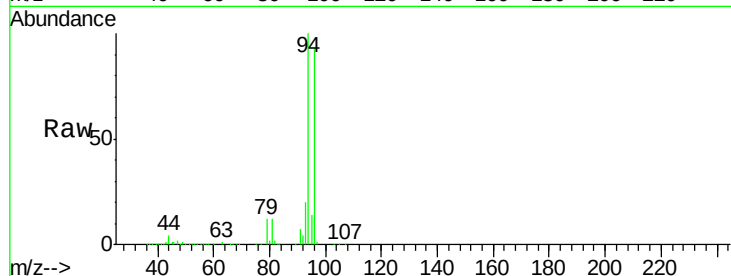
VSTDCCC050

Tgt Ion: 94 Resp: 84351

Ion Ratio Lower Upper

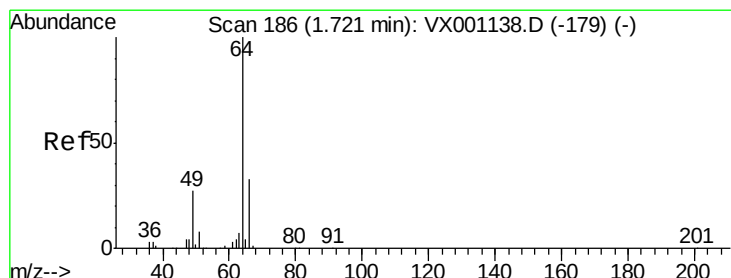
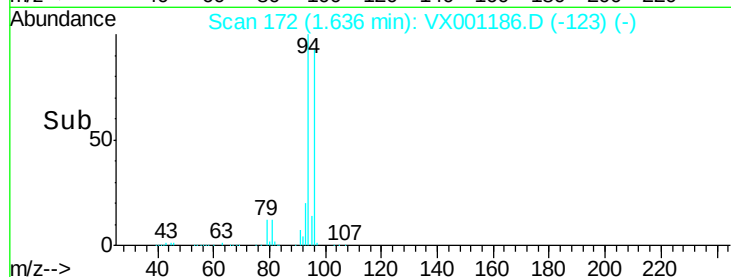
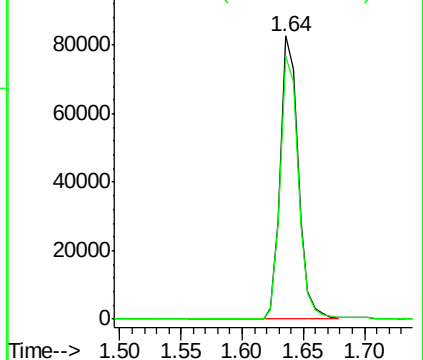
94 100

96 92.7 75.3 112.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.711 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX001186.D

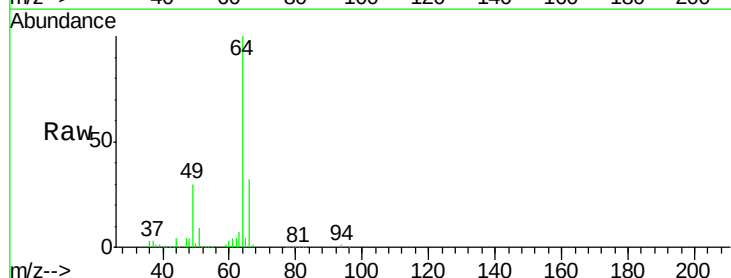
Acq: 27 Apr 2018 22:26

Tgt Ion: 64 Resp: 71017

Ion Ratio Lower Upper

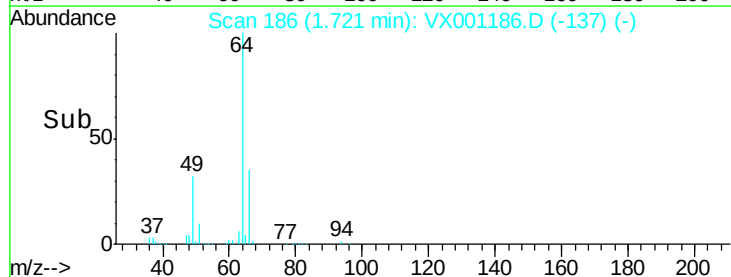
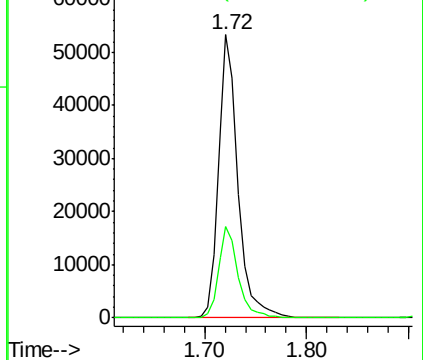
64 100

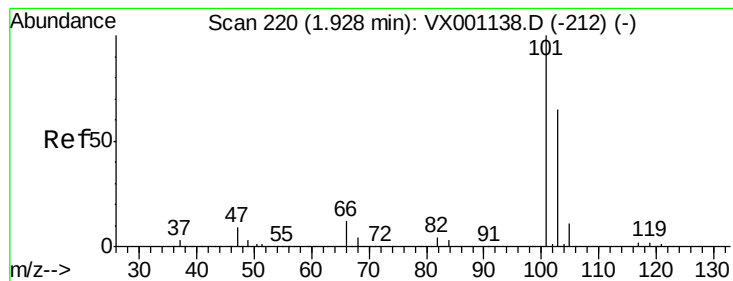
66 32.4 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



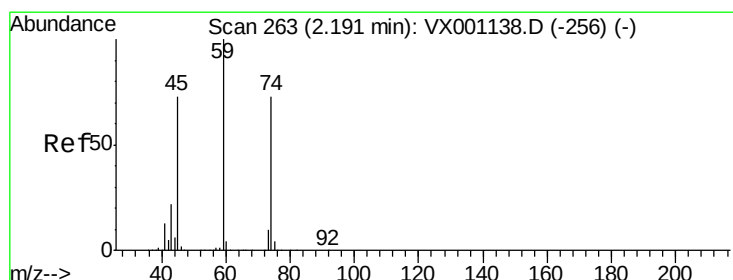
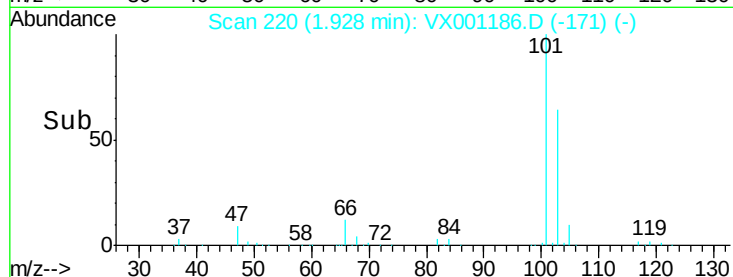
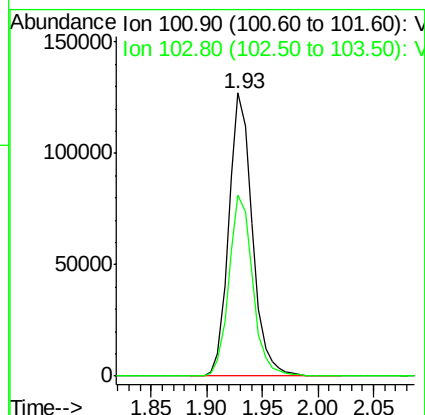
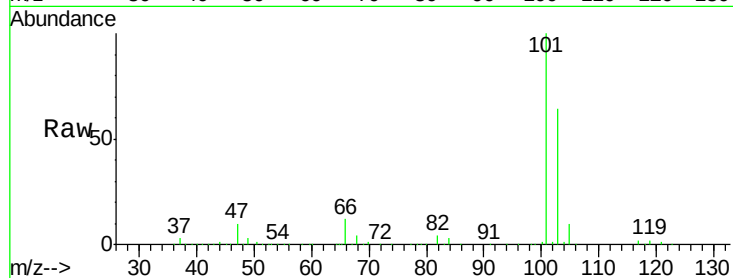


#7

Trichlorofluoromethane  
 Concen: 49.702 ug/l  
 RT: 1.93 min Scan# 220  
 Delta R.T. -0.00 min  
 Lab File: VX001186.D  
 Acq: 27 Apr 2018 22:26

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

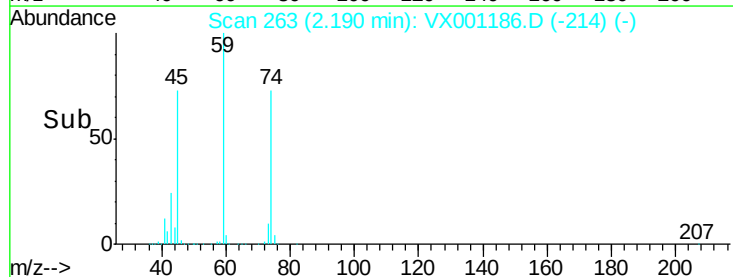
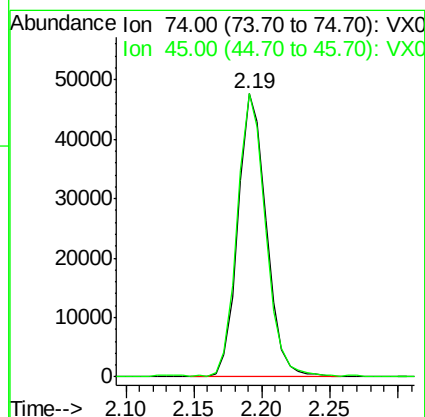
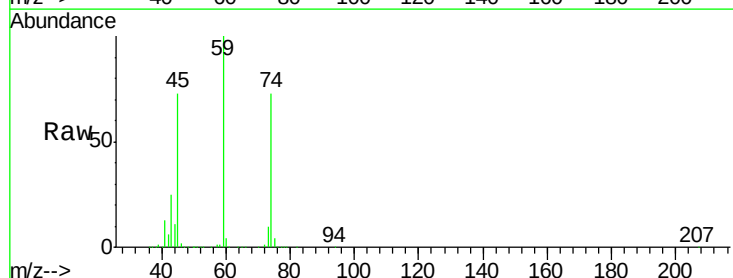
Tgt Ion:101 Resp: 185927  
 Ion Ratio Lower Upper  
 101 100  
 103 63.9 51.9 77.9



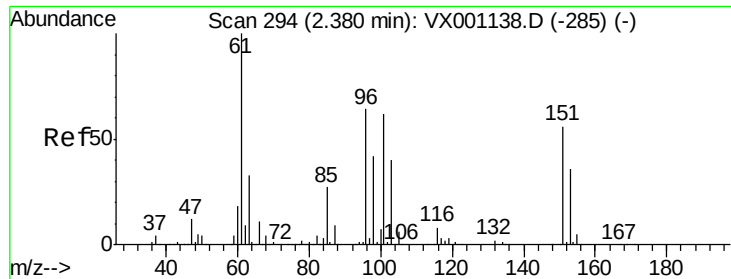
#8

Diethyl Ether  
 Concen: 48.149 ug/l  
 RT: 2.19 min Scan# 263  
 Delta R.T. -0.00 min  
 Lab File: VX001186.D  
 Acq: 27 Apr 2018 22:26

Tgt Ion: 74 Resp: 69255  
 Ion Ratio Lower Upper  
 74 100  
 45 99.8 49.5 148.7







#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.665 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001186.D

Acq: 27 Apr 2018 22:26

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

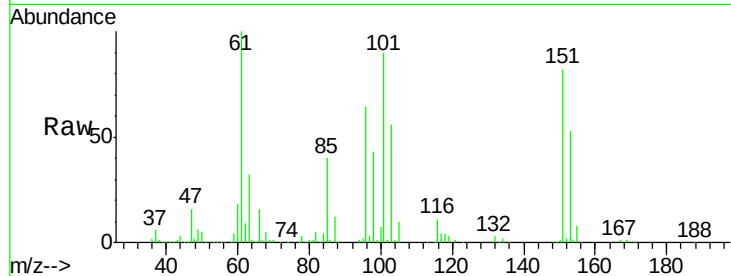
Tgt Ion:101 Resp: 100305

Ion Ratio Lower Upper

101 100

85 45.4 35.4 53.0

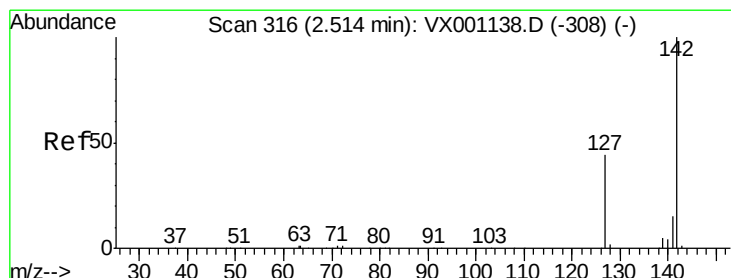
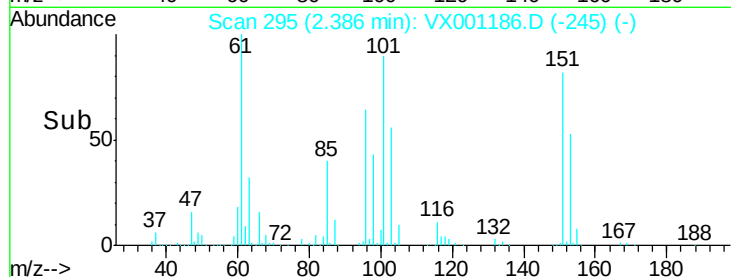
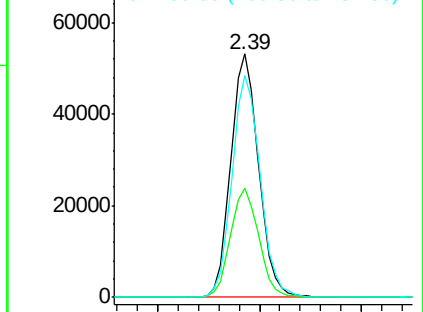
151 92.0 74.2 111.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 42.649 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001186.D

Acq: 27 Apr 2018 22:26

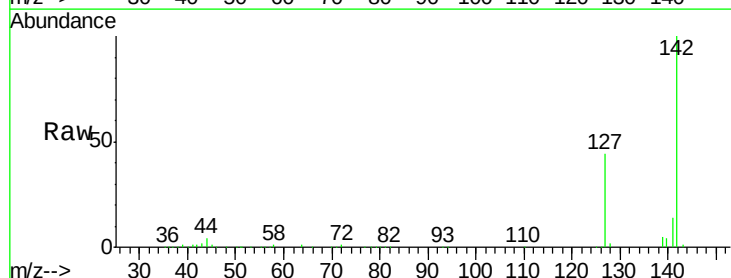
Tgt Ion:142 Resp: 88725

Ion Ratio Lower Upper

142 100

127 43.4 34.7 52.1

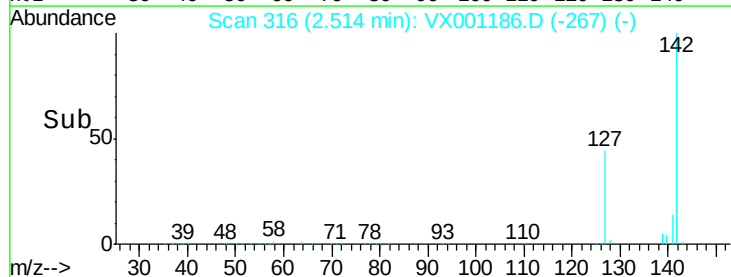
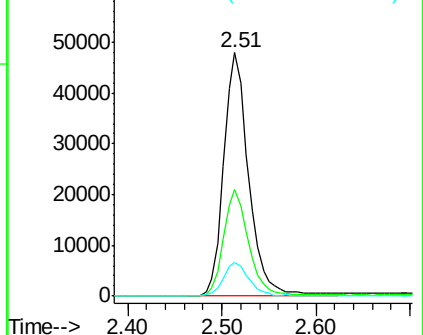
141 14.1 11.6 17.4

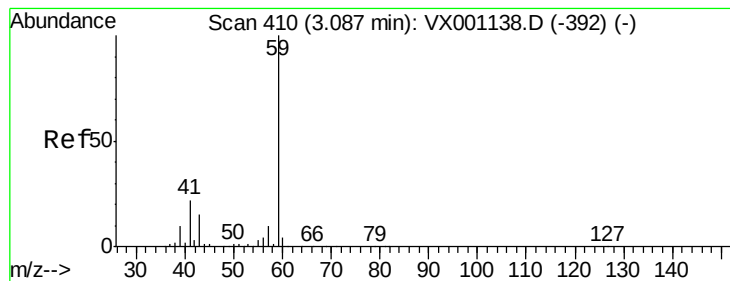


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 230.029 ug/l

RT: 3.08 min Scan# 409

Delta R.T. -0.01 min

Lab File: VX001186.D

Acq: 27 Apr 2018 22:26

Instrument :

MSVOA\_X

ClientSampleId :

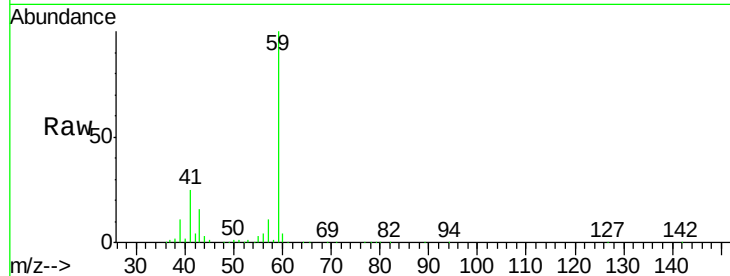
VSTDCCC050

Tgt Ion: 59 Resp: 139772

Ion Ratio Lower Upper

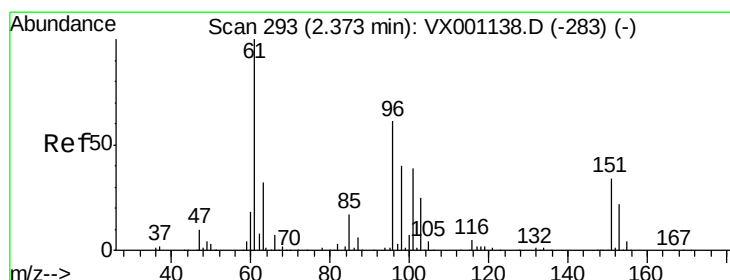
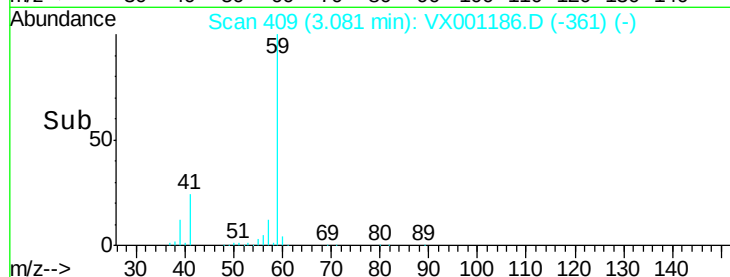
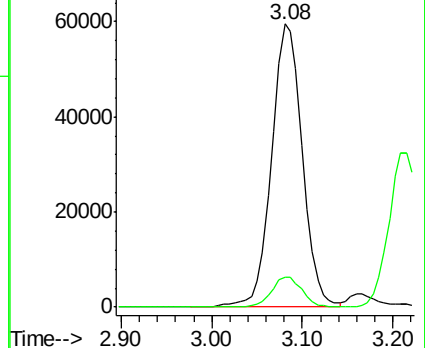
59 100

57 10.7 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 47.783 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.00 min

Lab File: VX001186.D

Acq: 27 Apr 2018 22:26

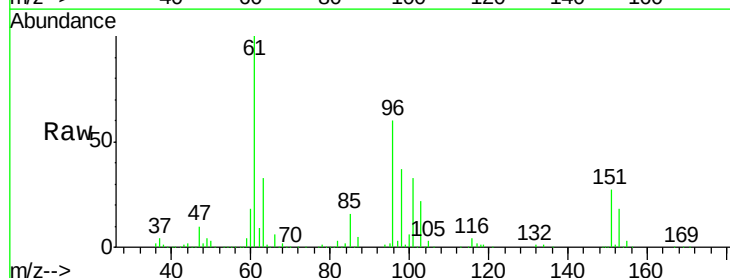
Tgt Ion: 96 Resp: 96050

Ion Ratio Lower Upper

96 100

61 168.0 130.2 195.4

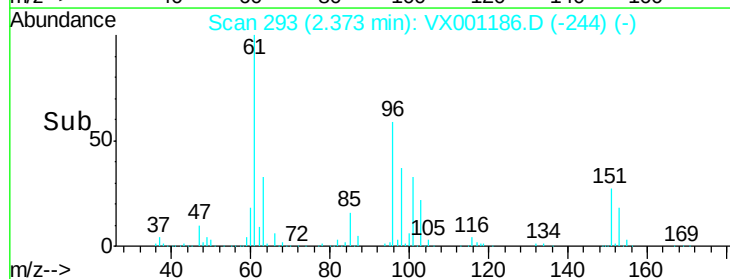
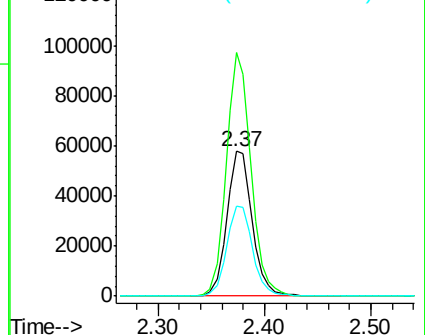
98 62.5 51.5 77.3

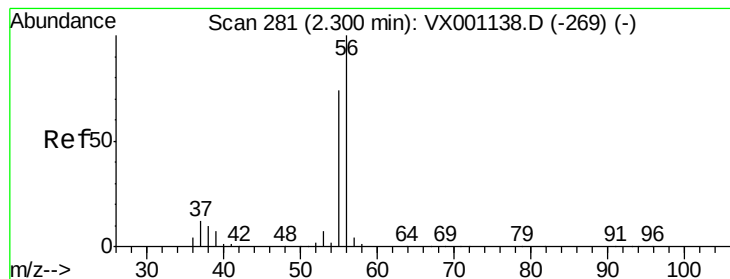


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 174.178 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001186.D

Acq: 27 Apr 2018 22:26

Instrument :

MSVOA\_X

ClientSampleId :

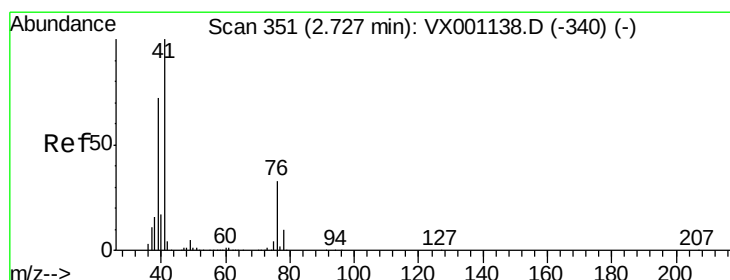
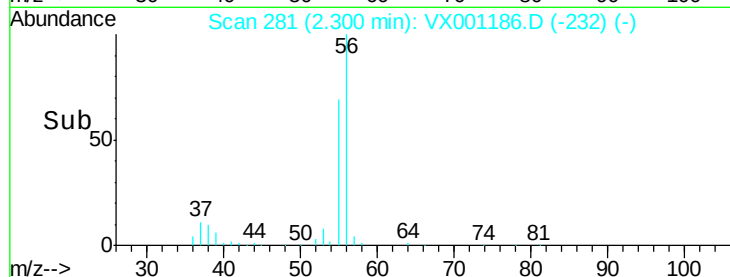
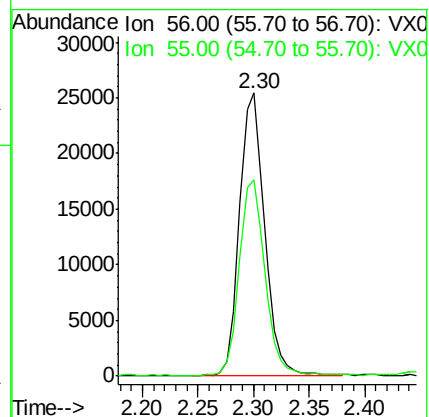
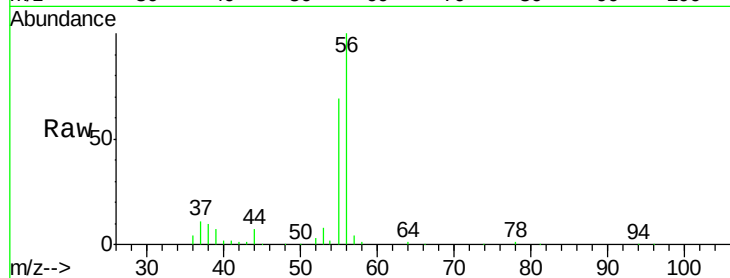
VSTDCCC050

Tgt Ion: 56 Resp: 40010

Ion Ratio Lower Upper

56 100

55 72.2 57.2 85.8



#14

Allyl chloride

Concen: 49.611 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX001186.D

Acq: 27 Apr 2018 22:26

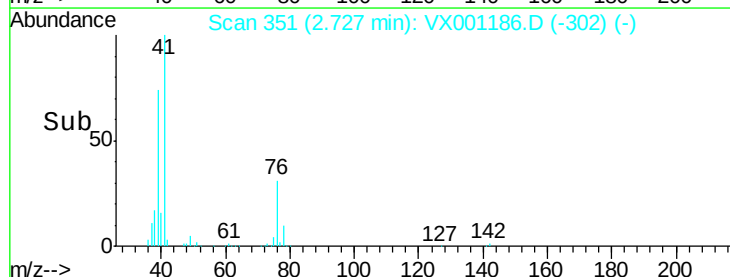
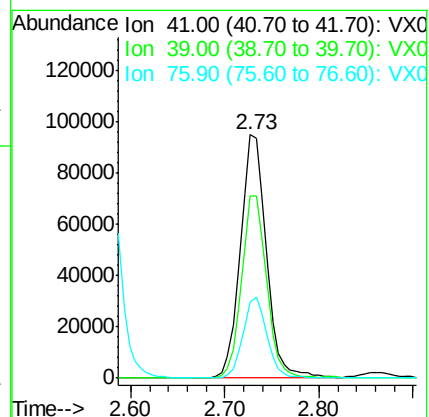
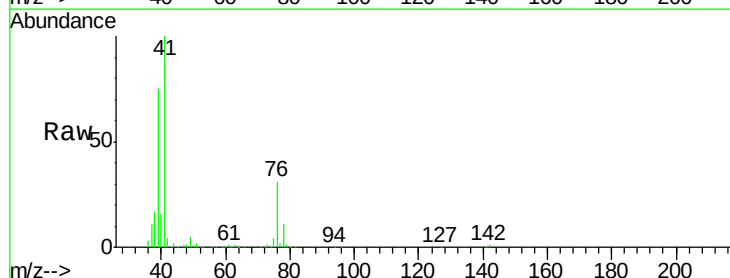
Tgt Ion: 41 Resp: 181916

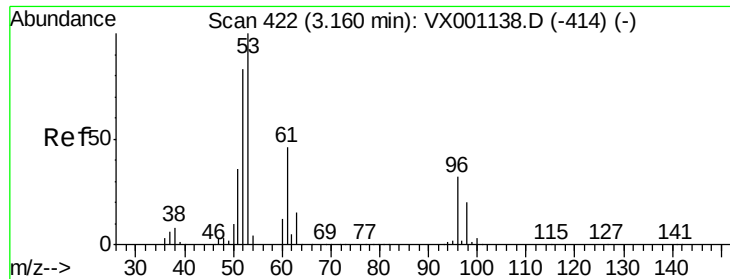
Ion Ratio Lower Upper

41 100

39 71.8 55.6 83.4

76 30.5 24.8 37.2





#15

Acrylonitrile

Concen: 229.847 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX001186.D

Acq: 27 Apr 2018 22:26

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

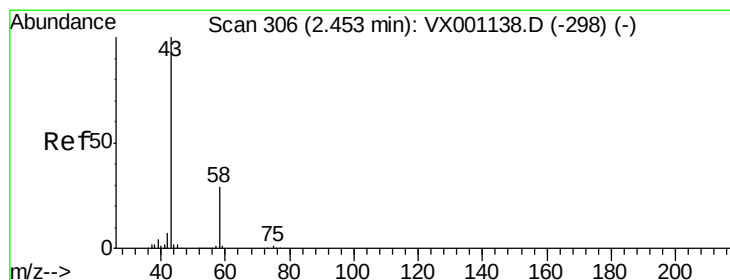
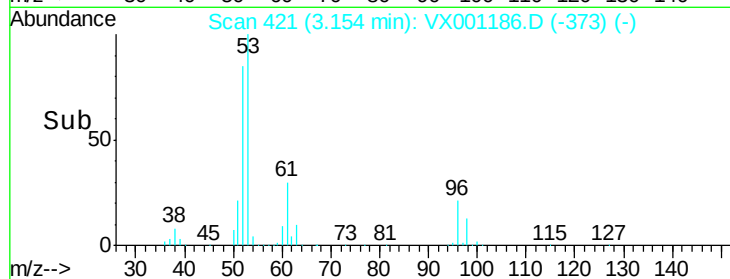
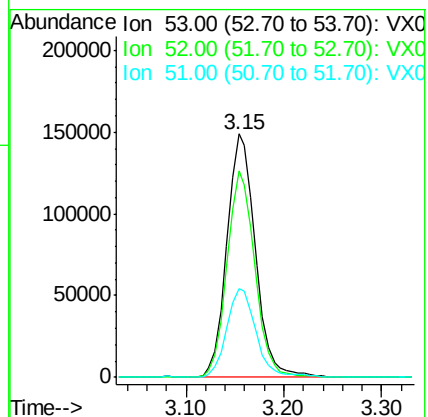
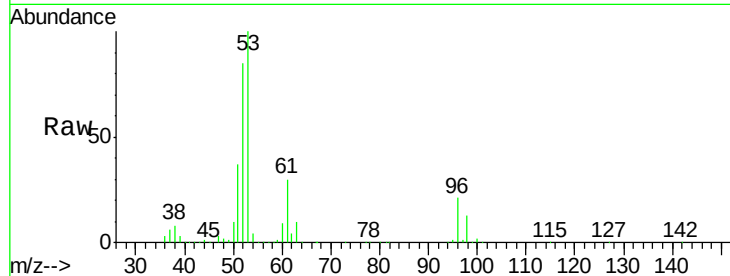
Tgt Ion: 53 Resp: 298238

Ion Ratio Lower Upper

53 100

52 83.3 66.5 99.7

51 37.7 29.5 44.3



#16

Acetone

Concen: 219.702 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001186.D

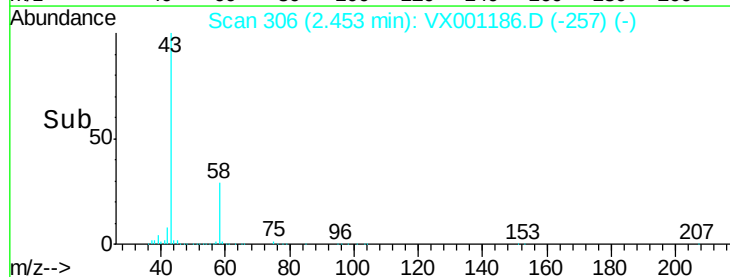
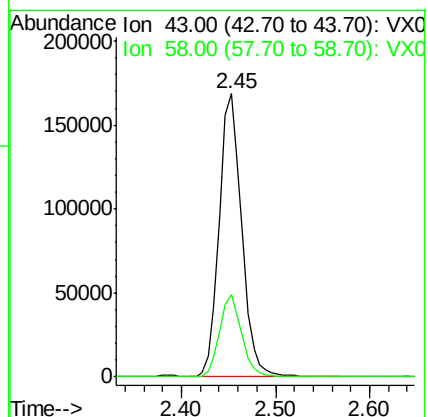
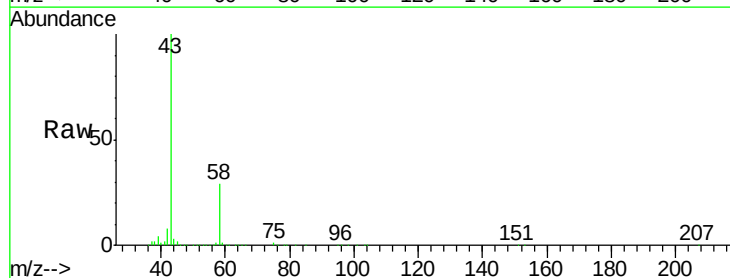
Acq: 27 Apr 2018 22:26

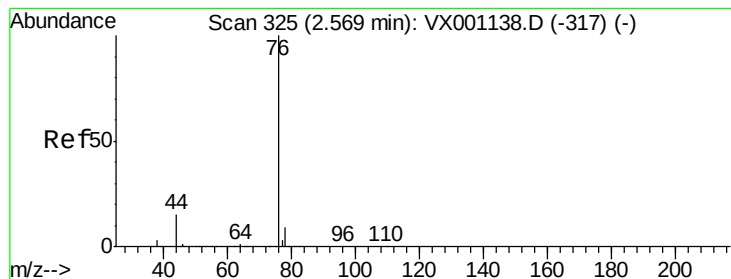
Tgt Ion: 43 Resp: 278384

Ion Ratio Lower Upper

43 100

58 29.0 23.0 34.6





#17

Carbon Disulfide

Concen: 46.737 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX001186.D

Acq: 27 Apr 2018 22:26

Instrument :

MSVOA\_X

ClientSampleId :

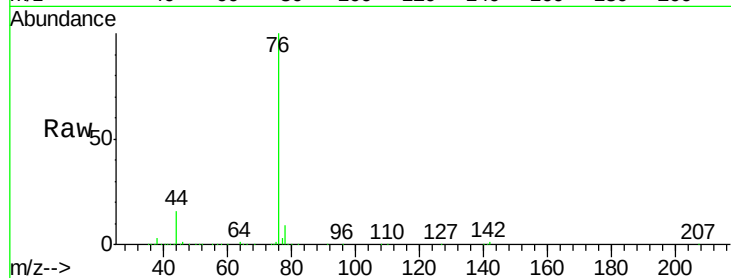
VSTDCCC050

Tgt Ion: 76 Resp: 239707

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

150000

100000

50000

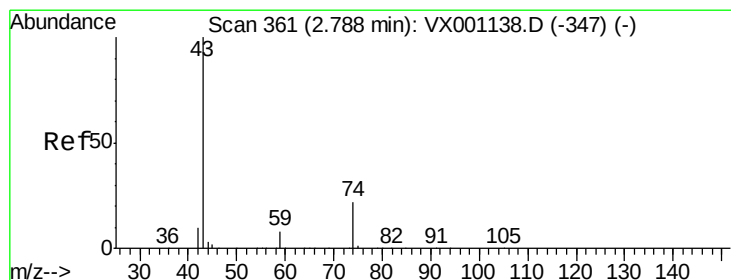
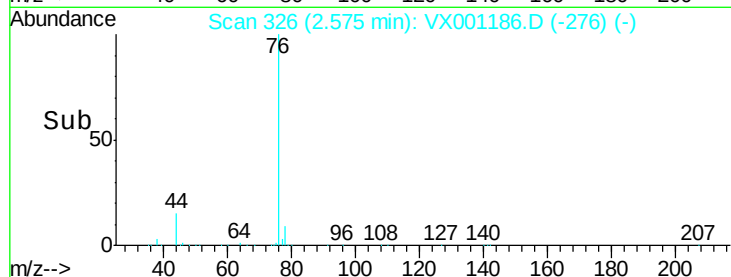
0

Time-->

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 48.491 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.01 min

Lab File: VX001186.D

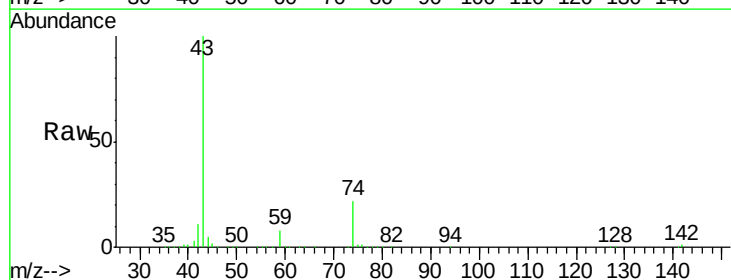
Acq: 27 Apr 2018 22:26

Tgt Ion: 43 Resp: 153752

Ion Ratio Lower Upper

43 100

74 21.5 18.1 27.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

100000

80000

60000

40000

20000

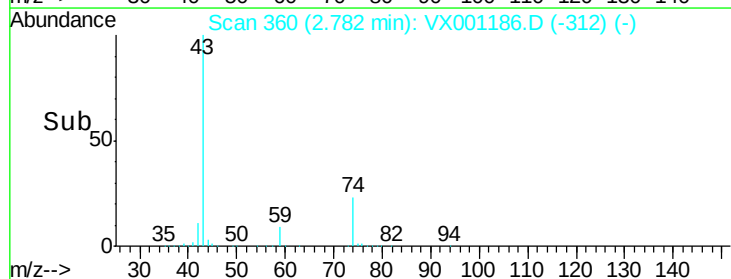
0

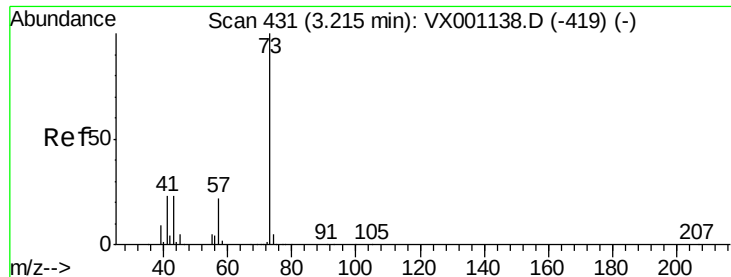
Time-->

2.70

2.80

2.90

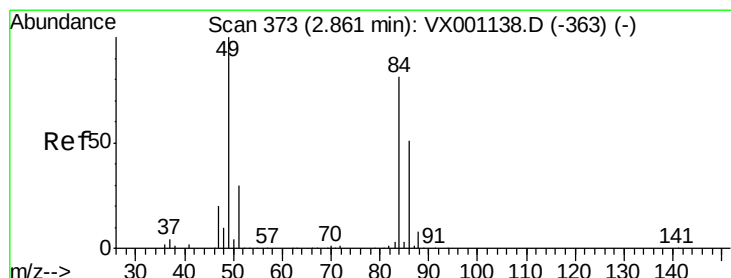
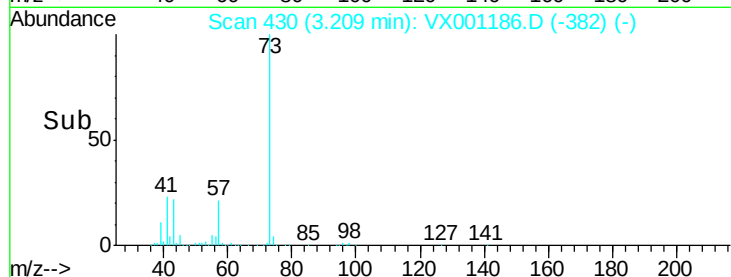
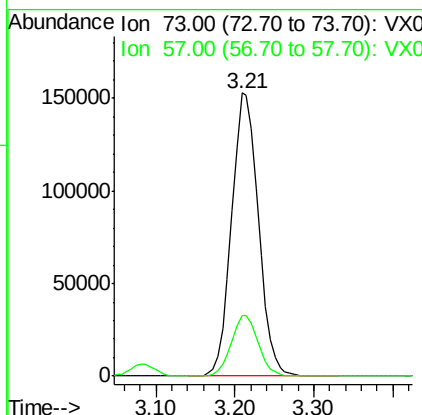
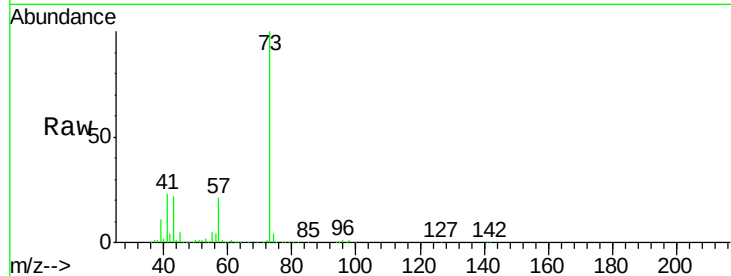




#19  
Methyl tert-butyl Ether  
Concen: 48.992 ug/l  
RT: 3.21 min Scan# 430  
Delta R.T. -0.01 min  
Lab File: VX001186.D  
Acq: 27 Apr 2018 22:26

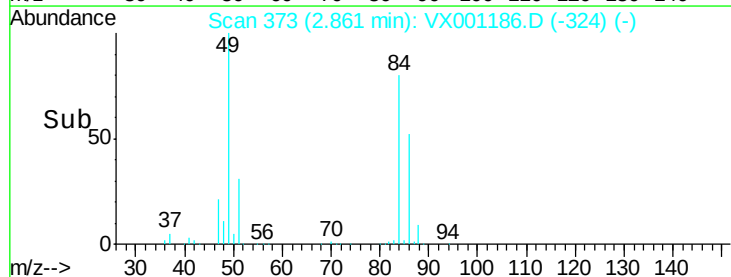
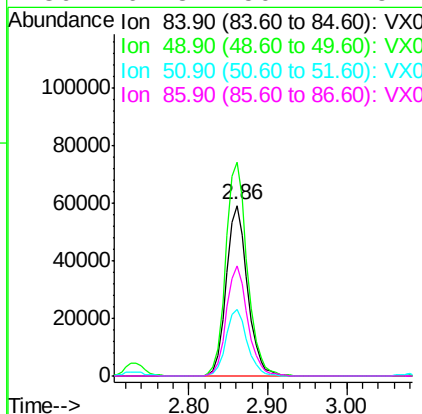
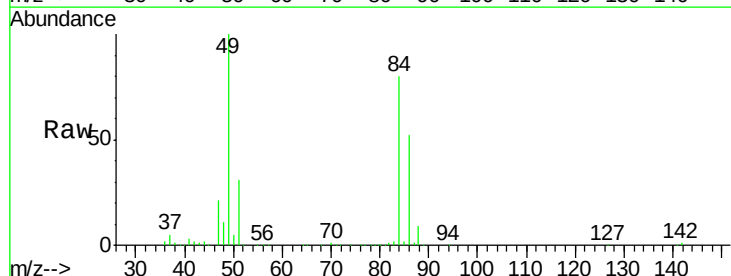
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

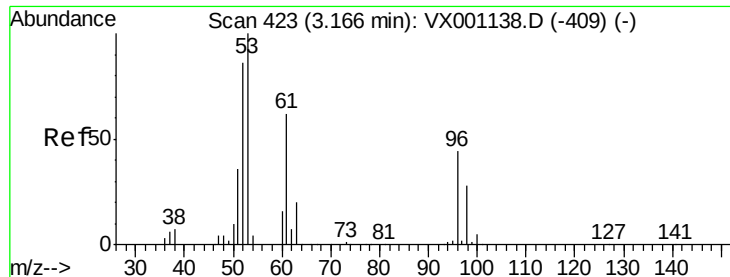
Tgt Ion: 73 Resp: 362520  
Ion Ratio Lower Upper  
73 100  
57 21.2 17.7 26.5



#20  
Methylene Chloride  
Concen: 47.025 ug/l  
RT: 2.86 min Scan# 373  
Delta R.T. -0.00 min  
Lab File: VX001186.D  
Acq: 27 Apr 2018 22:26

Tgt Ion: 84 Resp: 110973  
Ion Ratio Lower Upper  
84 100  
49 125.3 99.2 148.8  
51 38.7 29.5 44.3  
86 64.8 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 47.796 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001186.D

Acq: 27 Apr 2018 22:26

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

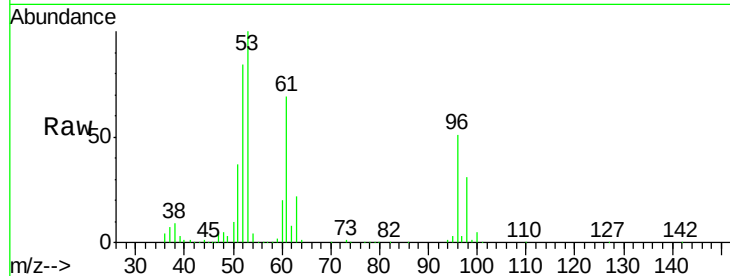
Tgt Ion: 96 Resp: 106204

Ion Ratio Lower Upper

96 100

61 136.2 111.9 167.9

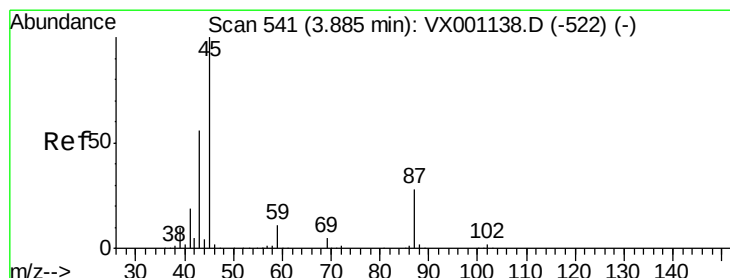
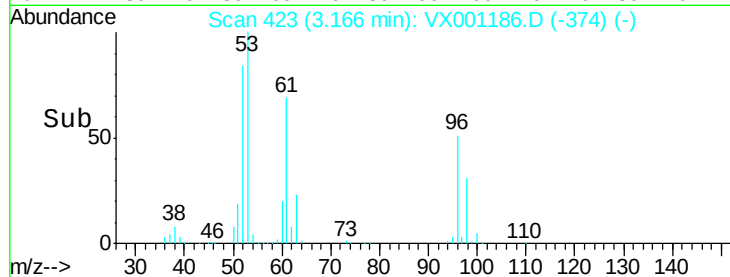
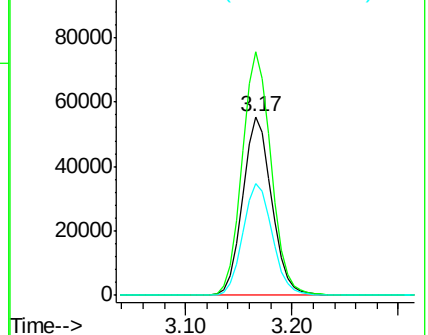
98 62.2 51.1 76.7



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



#22

Diisopropyl ether

Concen: 48.615 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.01 min

Lab File: VX001186.D

Acq: 27 Apr 2018 22:26

Tgt Ion: 45 Resp: 356685

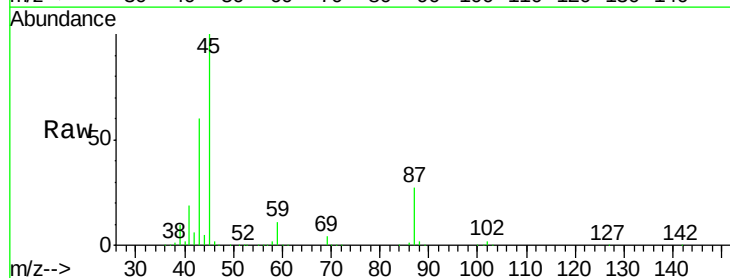
Ion Ratio Lower Upper

45 100

43 60.1 45.0 67.4

87 27.1 22.8 34.2

59 10.6 9.0 13.6

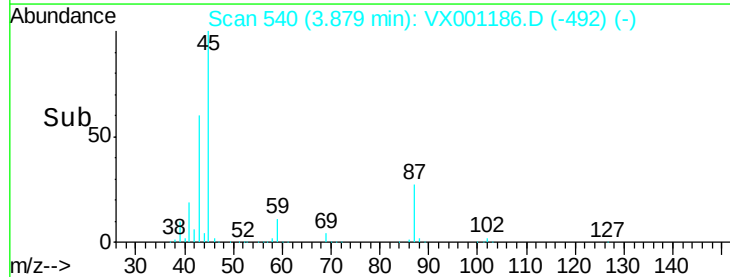
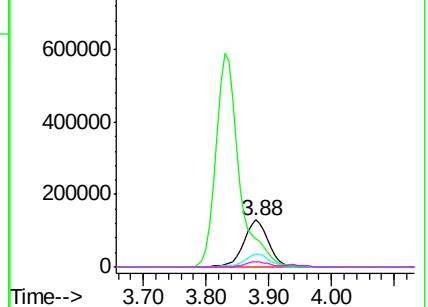


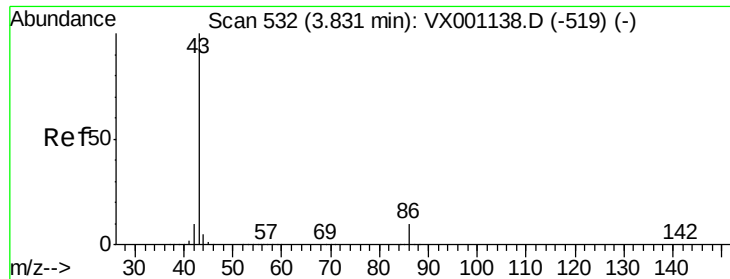
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 244.562 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001186.D

Acq: 27 Apr 2018 22:26

Instrument :

MSVOA\_X

ClientSampleId :

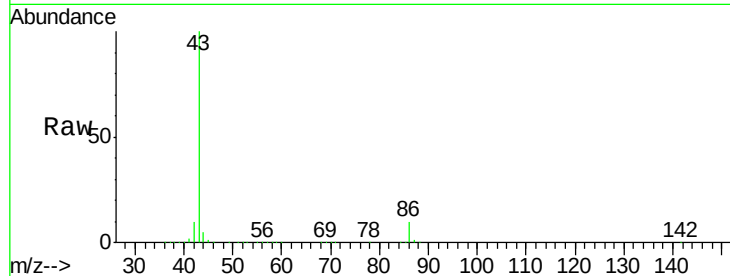
VSTDCCC050

Tgt Ion: 43 Resp: 1522224

Ion Ratio Lower Upper

43 100

86 9.9 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

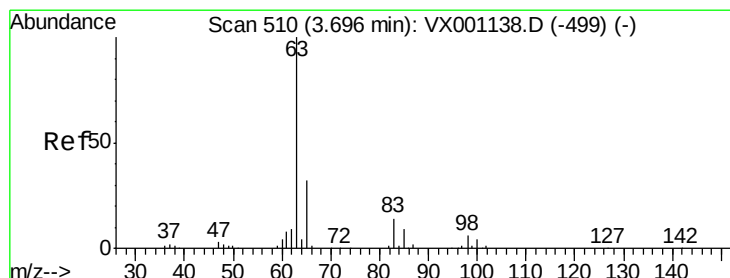
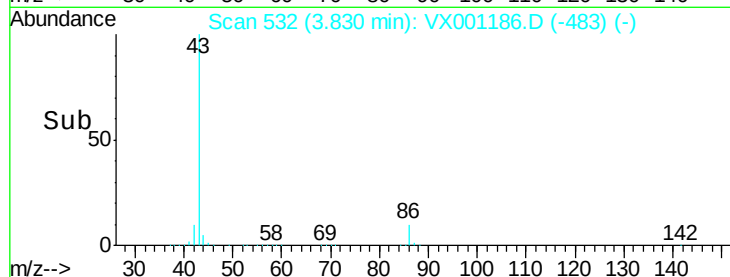
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 47.876 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001186.D

Acq: 27 Apr 2018 22:26

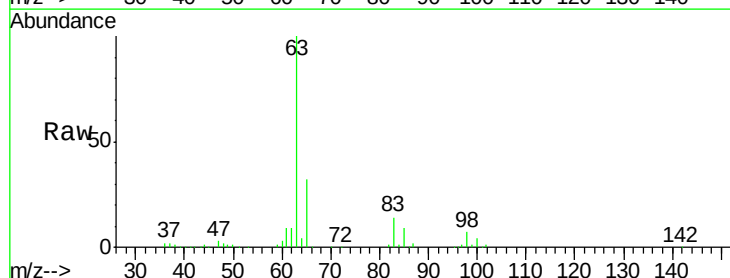
Tgt Ion: 63 Resp: 184614

Ion Ratio Lower Upper

63 100

98 6.9 3.1 9.4

100 4.5 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

100000

80000

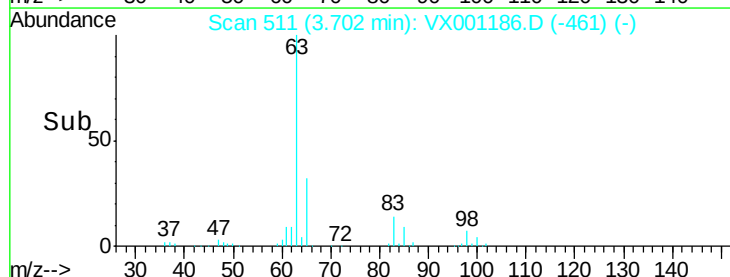
60000

40000

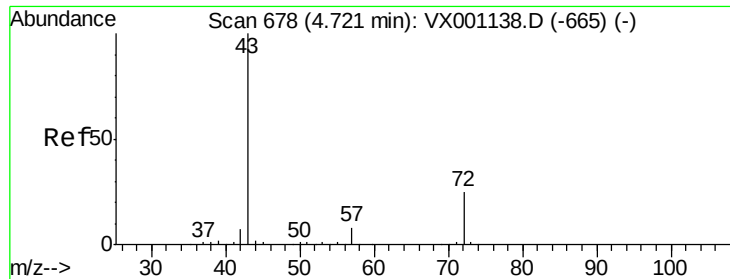
20000

0

Time-->







#25

2-Butanone

Concen: 221.861 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX001186.D

Acq: 27 Apr 2018 22:26

Instrument :

MSVOA\_X

ClientSampleId :

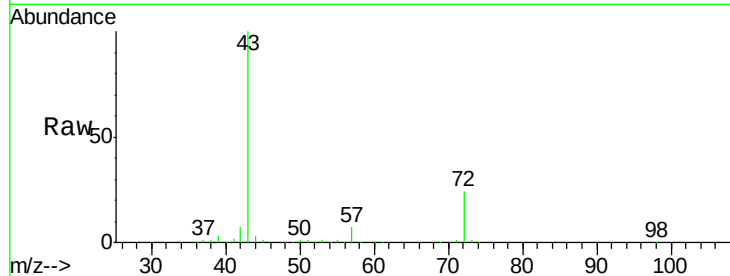
VSTDCCC050

Tgt Ion: 43 Resp: 420629

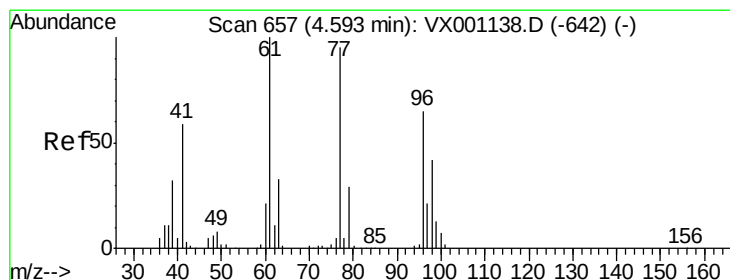
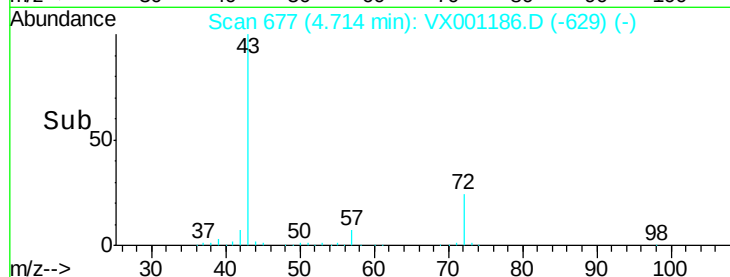
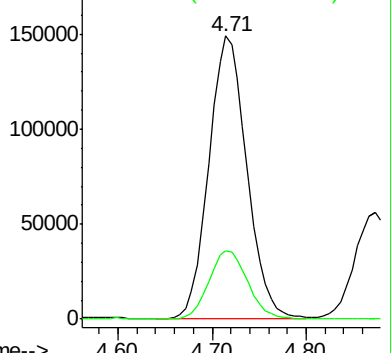
Ion Ratio Lower Upper

43 100

72 24.0 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VX001186.D (-629) (-)



#26

2,2-Dichloropropane

Concen: 41.966 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX001186.D

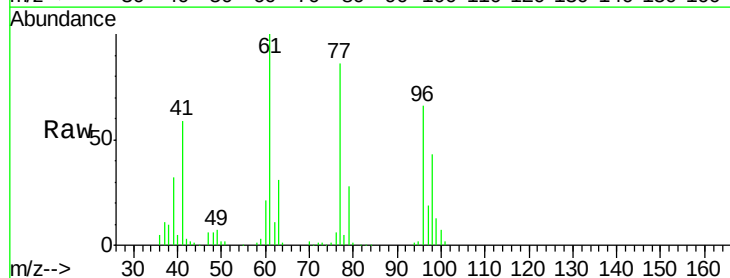
Acq: 27 Apr 2018 22:26

Tgt Ion: 77 Resp: 127376

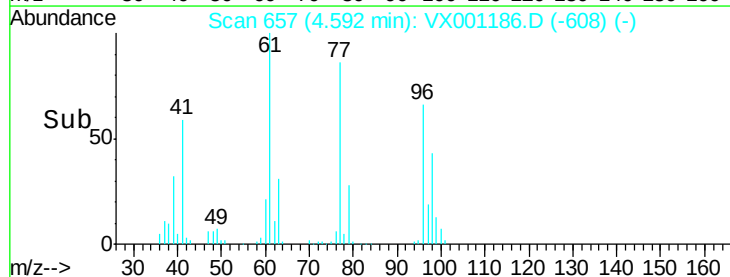
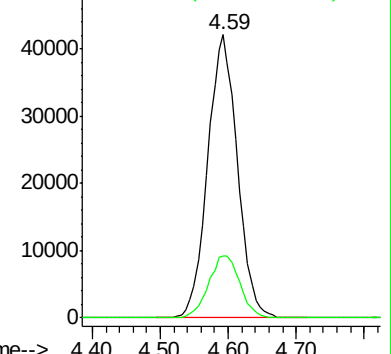
Ion Ratio Lower Upper

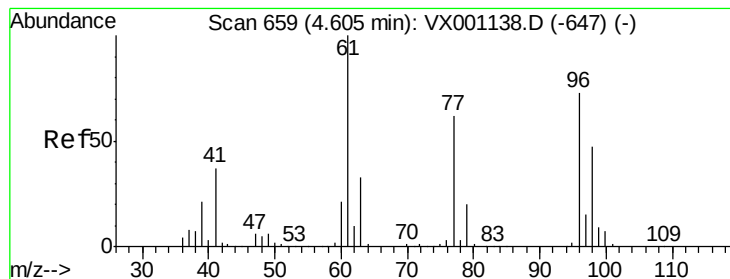
77 100

97 23.3 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX001186.D (-608) (-)



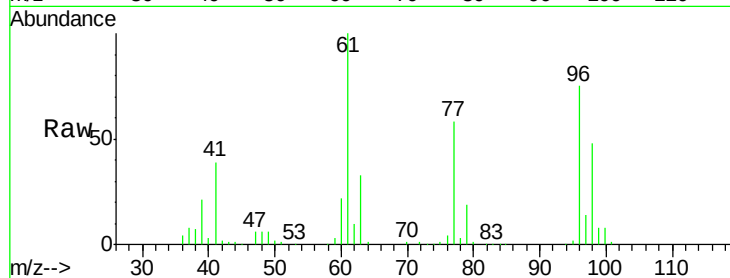


#27

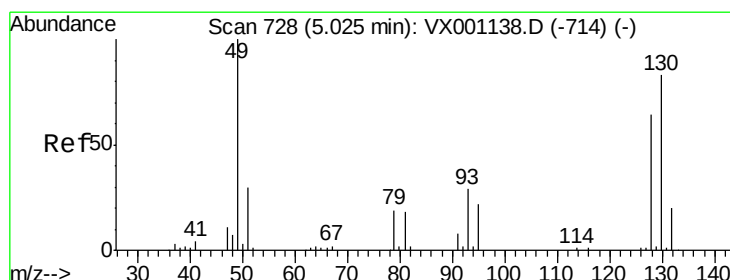
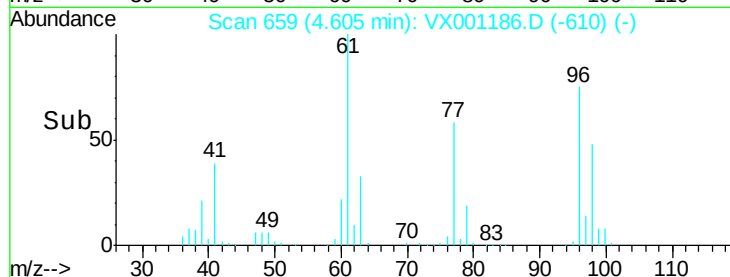
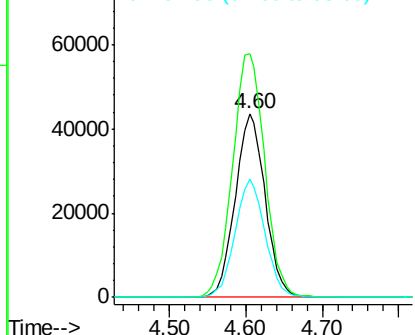
cis-1,2-Dichloroethene  
Concen: 48.430 ug/l  
RT: 4.60 min Scan# 659  
Delta R.T. -0.00 min  
Lab File: VX001186.D  
Acq: 27 Apr 2018 22:26

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 96 Resp: 117828  
Ion Ratio Lower Upper  
96 100  
61 142.8 0.0 289.0  
98 64.7 0.0 128.2



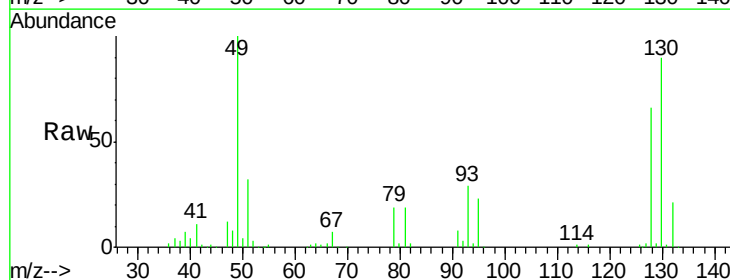
Abundance Ion 95.90 (95.60 to 96.60): VX0  
Ion 60.90 (60.60 to 61.60): VX0  
Ion 97.90 (97.60 to 98.60): VX0



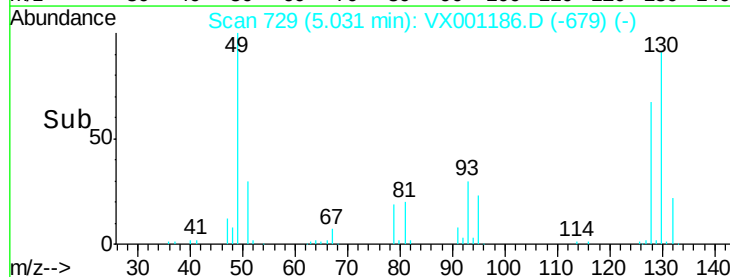
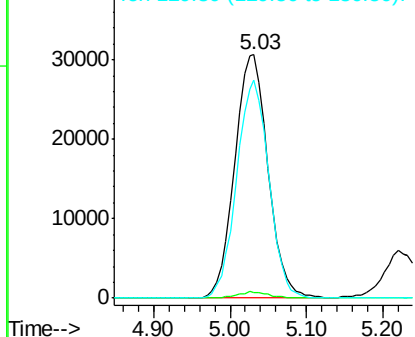
#28

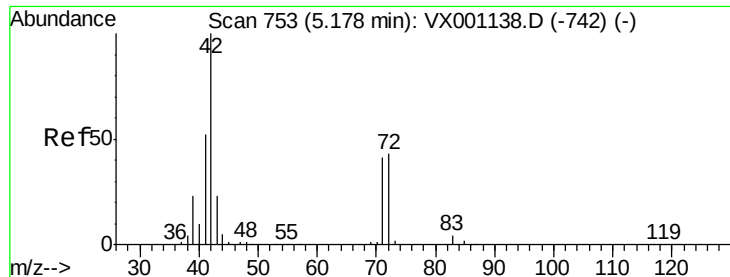
Bromochloromethane  
Concen: 53.671 ug/l  
RT: 5.03 min Scan# 729  
Delta R.T. 0.01 min  
Lab File: VX001186.D  
Acq: 27 Apr 2018 22:26

Tgt Ion: 49 Resp: 92795  
Ion Ratio Lower Upper  
49 100  
129 2.3 0.0 4.6  
130 86.6 68.2 102.2



Abundance Ion 48.90 (48.60 to 49.60): VX0  
Ion 128.80 (128.50 to 129.50): V  
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 223.641 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.01 min

Lab File: VX001186.D

Acq: 27 Apr 2018 22:26

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

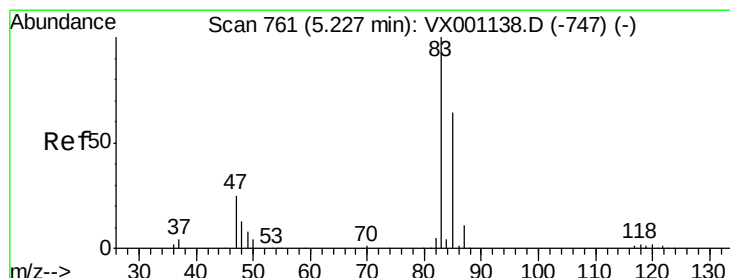
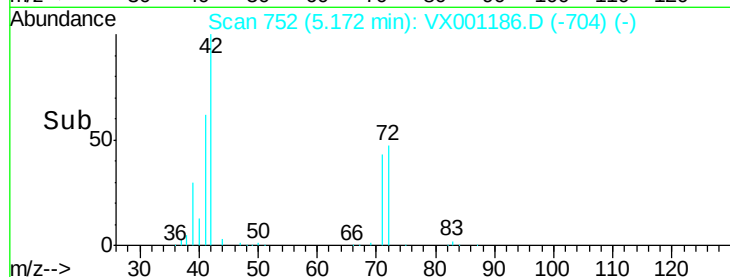
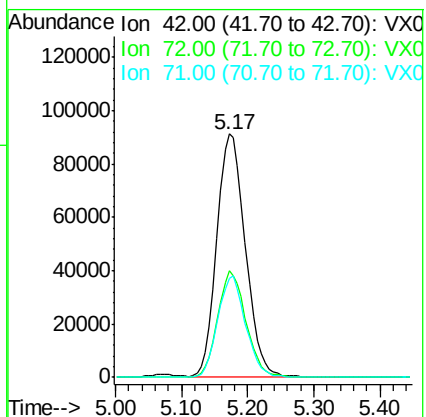
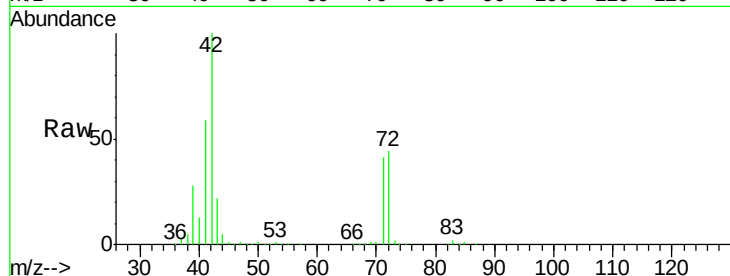
Tgt Ion: 42 Resp: 272615

Ion Ratio Lower Upper

42 100

72 43.5 34.4 51.6

71 40.6 32.1 48.1



#30

Chloroform

Concen: 49.617 ug/l

RT: 5.23 min Scan# 761

Delta R.T. -0.00 min

Lab File: VX001186.D

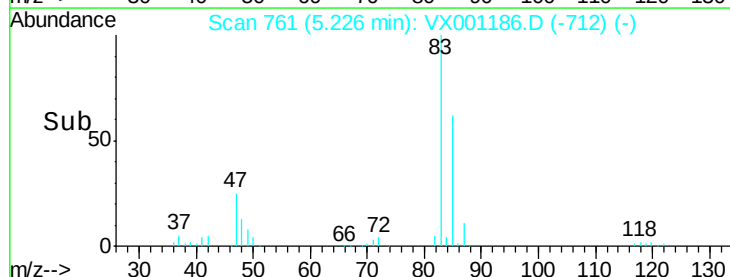
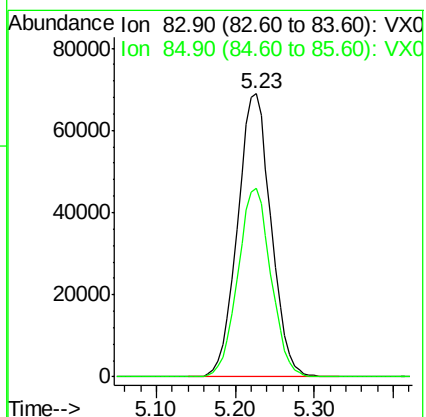
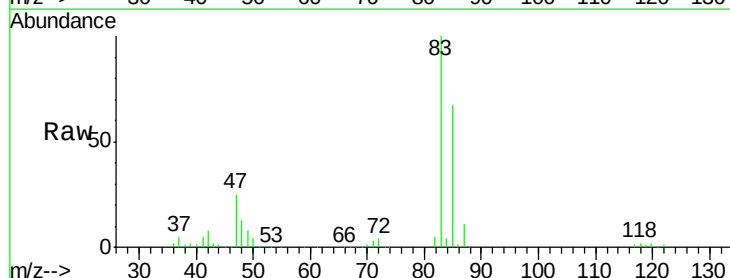
Acq: 27 Apr 2018 22:26

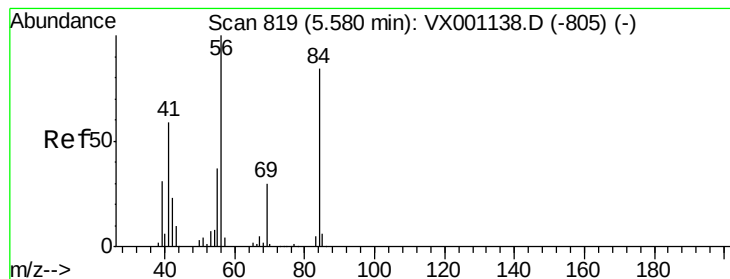
Tgt Ion: 83 Resp: 203460

Ion Ratio Lower Upper

83 100

85 66.8 51.4 77.0





#31

Cyclohexane

Concen: 47.129 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX001186.D

Acq: 27 Apr 2018 22:26

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

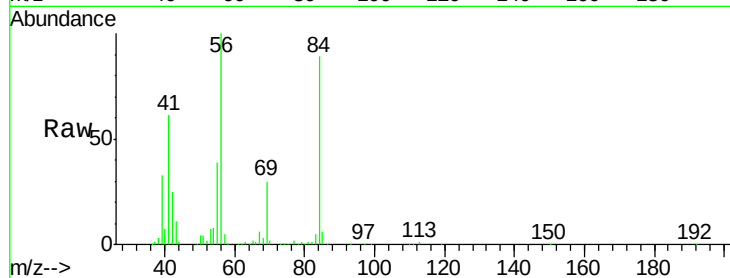
Tgt Ion: 56 Resp: 154401

Ion Ratio Lower Upper

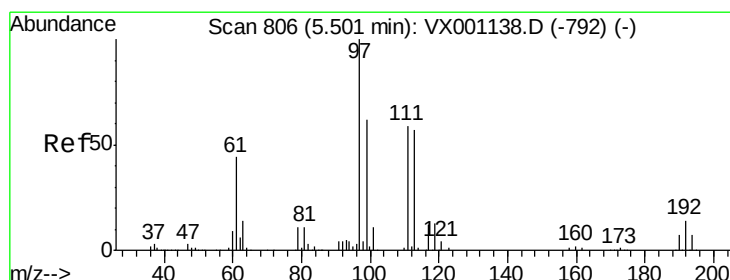
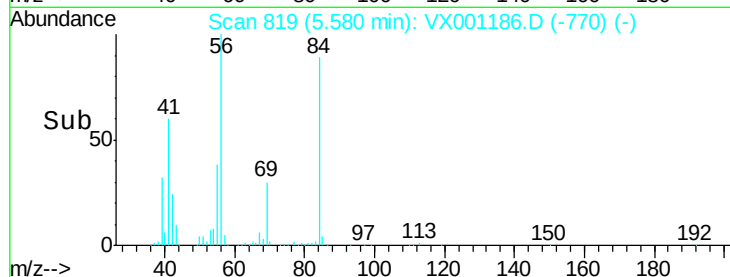
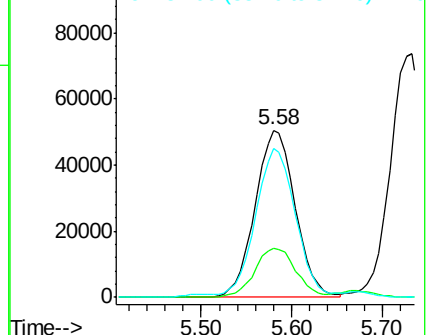
56 100

69 29.6 24.2 36.2

84 87.4 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



#32

1,1,1-Trichloroethane

Concen: 49.771 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX001186.D

Acq: 27 Apr 2018 22:26

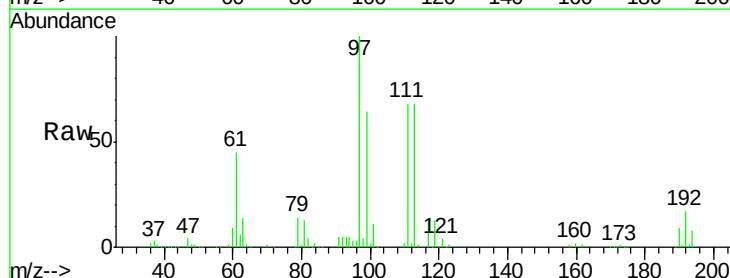
Tgt Ion: 97 Resp: 176181

Ion Ratio Lower Upper

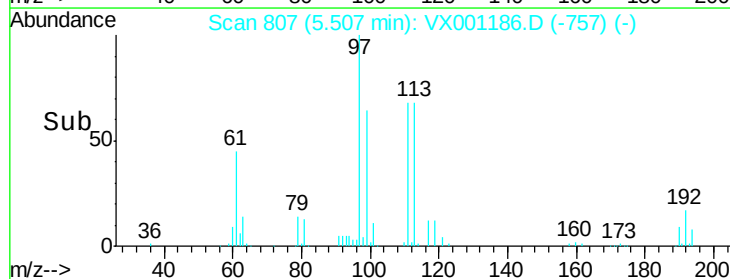
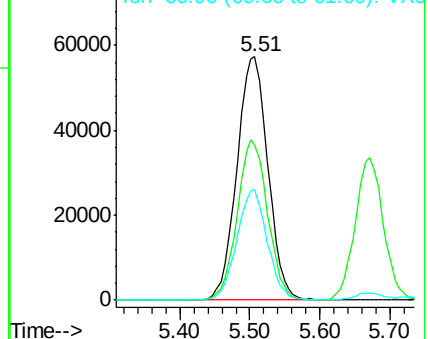
97 100

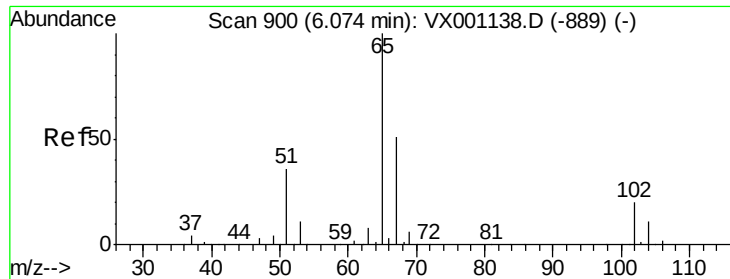
99 64.6 50.9 76.3

61 44.7 35.0 52.6



Abundance Ion 96.90 (96.60 to 97.60): VX0  
Ion 98.90 (98.60 to 99.60): VX0  
Ion 60.90 (60.60 to 61.60): VX0

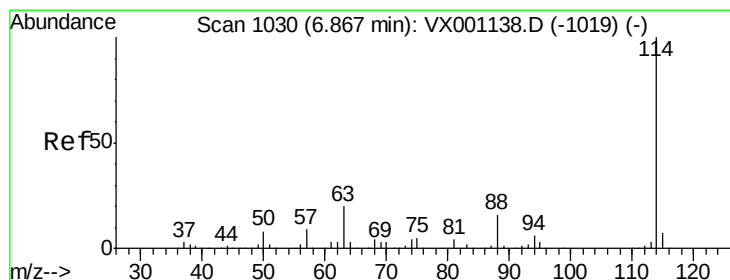
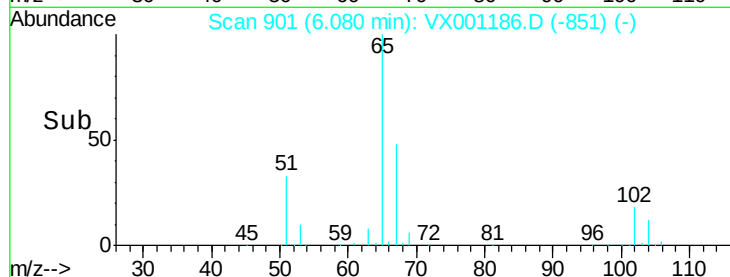
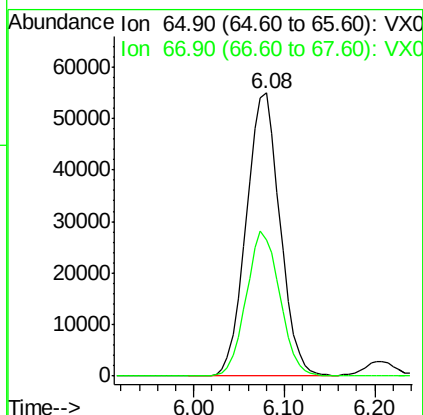
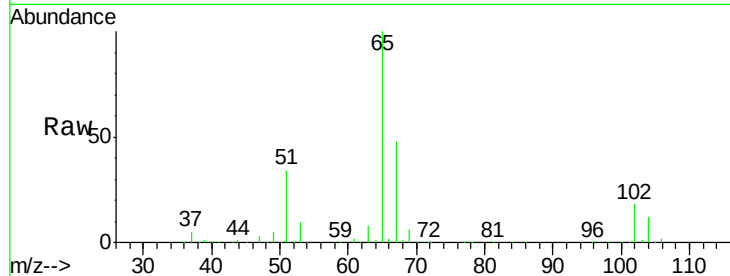




#33  
 1,2-Dichloroethane-d4  
 Concen: 45.992 ug/l  
 RT: 6.08 min Scan# 901  
 Delta R.T. 0.01 min  
 Lab File: VX001186.D  
 Acq: 27 Apr 2018 22:26

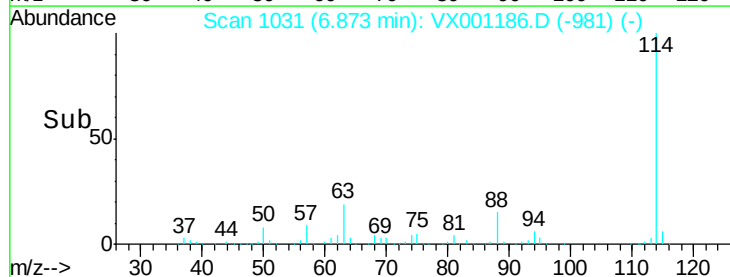
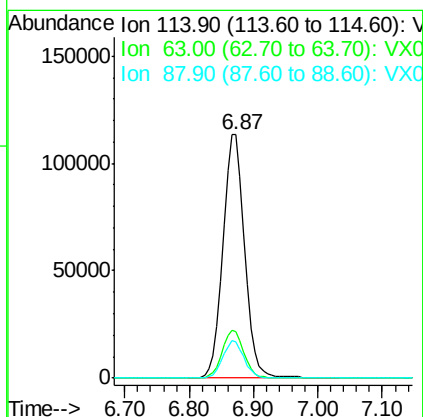
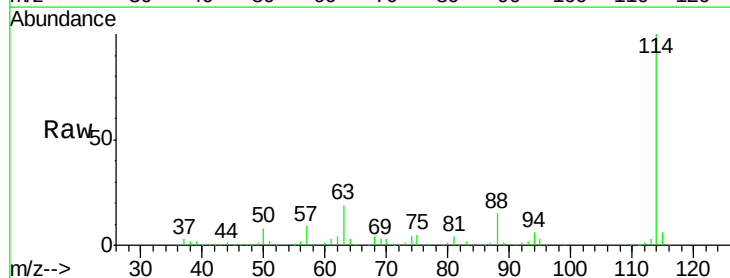
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

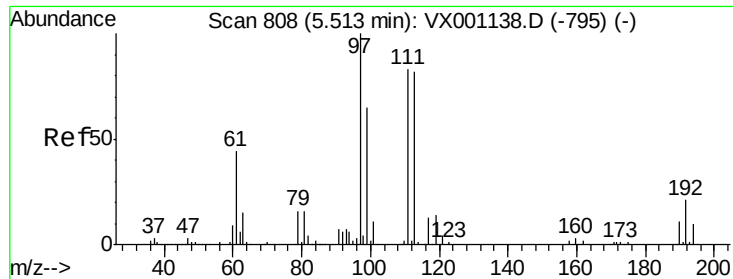
Tgt Ion: 65 Resp: 141714  
 Ion Ratio Lower Upper  
 65 100  
 67 50.9 0.0 102.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.87 min Scan# 1031  
 Delta R.T. 0.01 min  
 Lab File: VX001186.D  
 Acq: 27 Apr 2018 22:26

Tgt Ion: 114 Resp: 271261  
 Ion Ratio Lower Upper  
 114 100  
 63 19.1 0.0 40.4  
 88 14.8 0.0 31.8

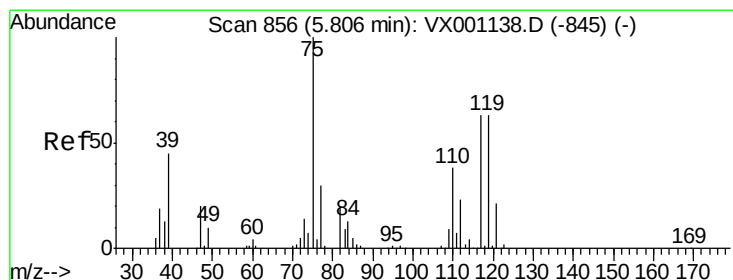
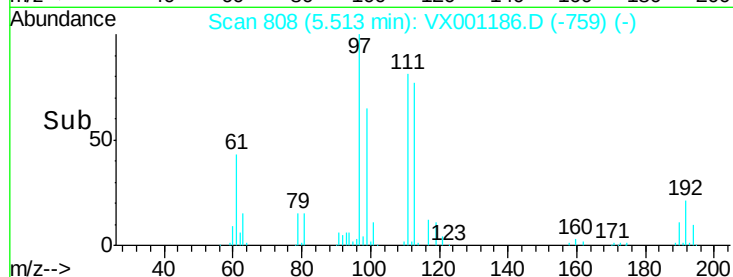
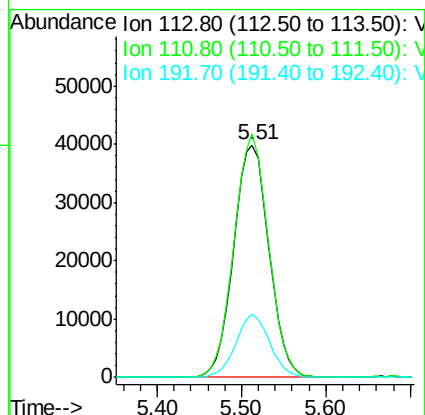
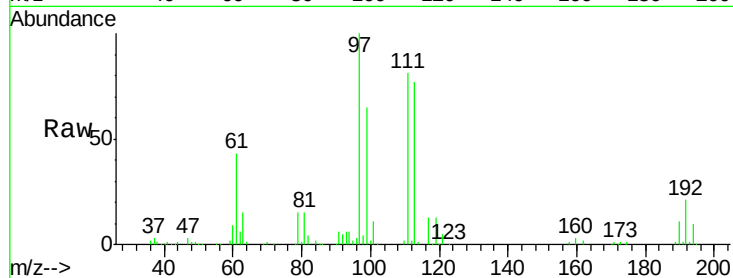




#35  
 Dibromofluoromethane  
 Concen: 50.591 ug/l  
 RT: 5.51 min Scan# 808  
 Delta R.T. -0.00 min  
 Lab File: VX001186.D  
 Acq: 27 Apr 2018 22:26

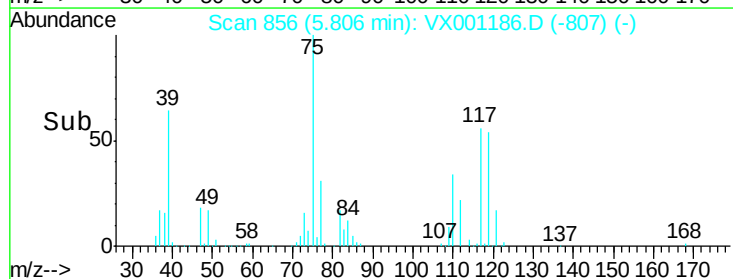
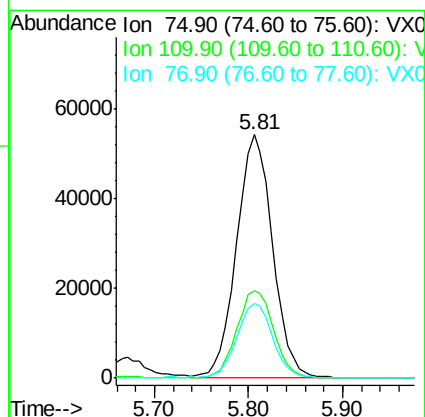
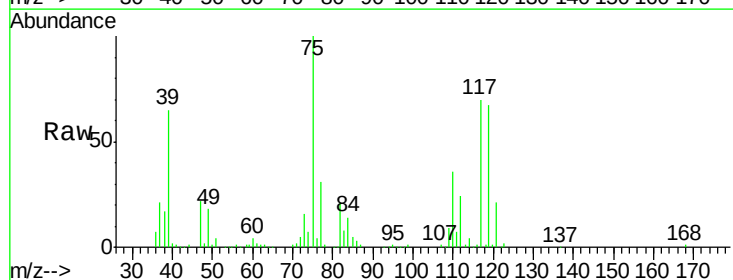
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

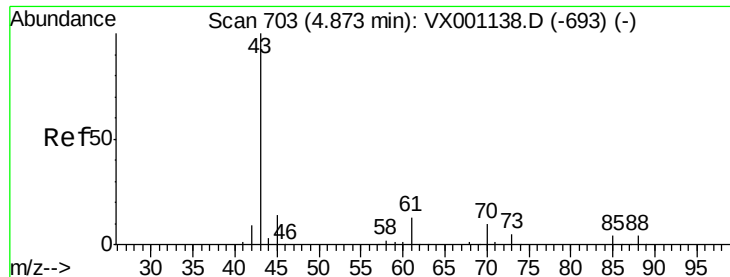
Tgt Ion:113 Resp: 113587  
 Ion Ratio Lower Upper  
 113 100  
 111 101.6 82.2 123.4  
 192 25.9 20.6 30.8



#36  
 1,1-Dichloropropene  
 Concen: 48.313 ug/l  
 RT: 5.81 min Scan# 856  
 Delta R.T. -0.00 min  
 Lab File: VX001186.D  
 Acq: 27 Apr 2018 22:26

Tgt Ion: 75 Resp: 144419  
 Ion Ratio Lower Upper  
 75 100  
 110 37.1 19.0 57.0  
 77 31.1 24.8 37.2

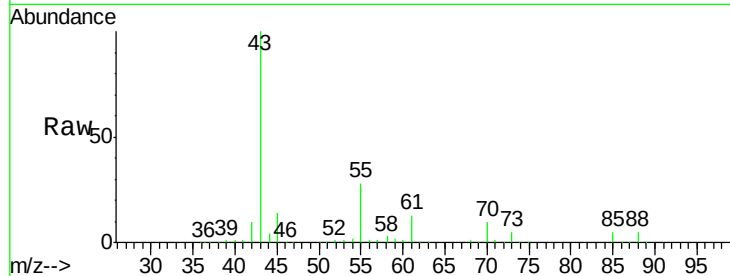




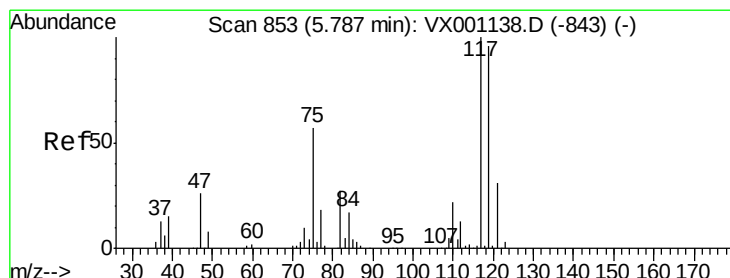
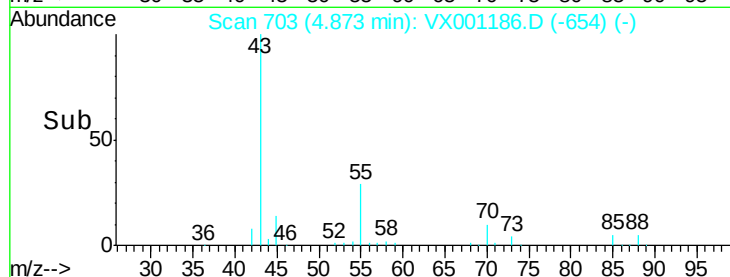
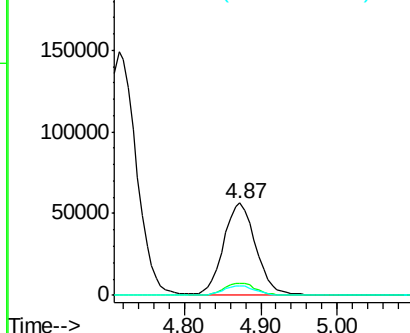
#37  
Ethyl Acetate  
Concen: 45.946 ug/l  
RT: 4.87 min Scan# 703  
Delta R.T. -0.00 min  
Lab File: VX001186.D  
Acq: 27 Apr 2018 22:26

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 43 Resp: 164472  
Ion Ratio Lower Upper  
43 100  
61 13.1 11.0 16.6  
70 10.3 8.2 12.2

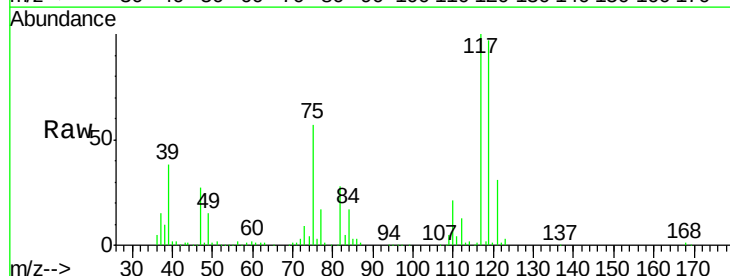


Abundance Ion 43.00 (42.70 to 43.70): VX0  
Ion 60.90 (60.60 to 61.60): VX0  
Ion 70.00 (69.70 to 70.70): VX0

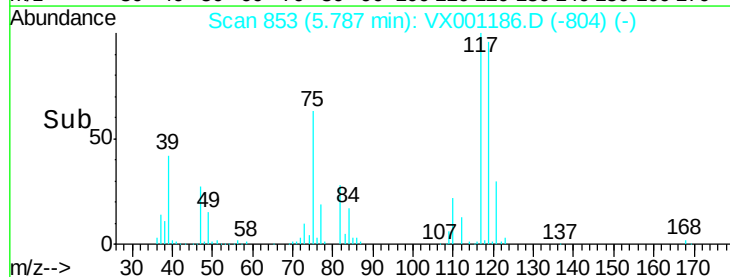
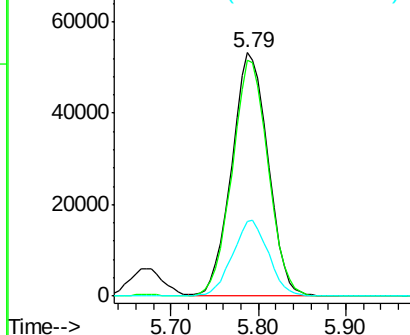


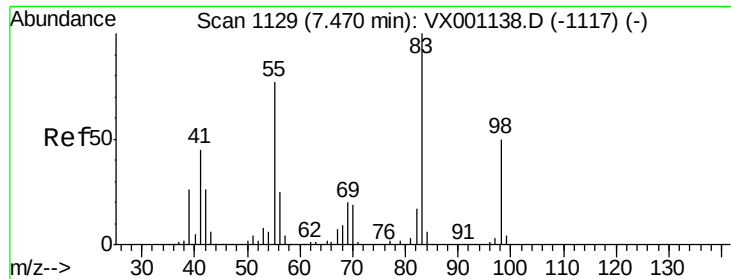
#38  
Carbon Tetrachloride  
Concen: 50.232 ug/l  
RT: 5.79 min Scan# 853  
Delta R.T. -0.00 min  
Lab File: VX001186.D  
Acq: 27 Apr 2018 22:26

Tgt Ion: 117 Resp: 153967  
Ion Ratio Lower Upper  
117 100  
119 96.7 76.5 114.7  
121 30.6 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

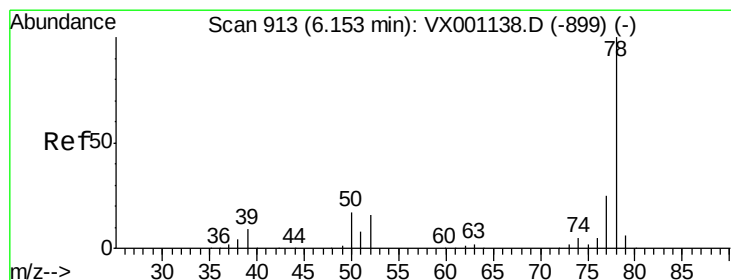
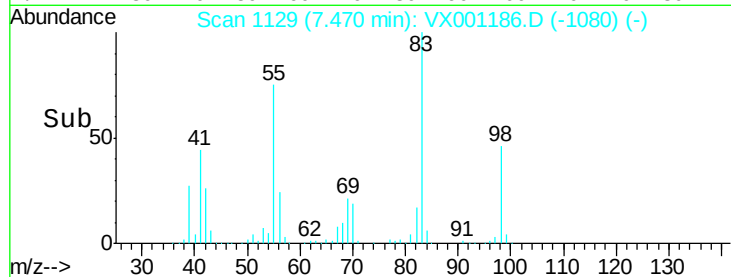
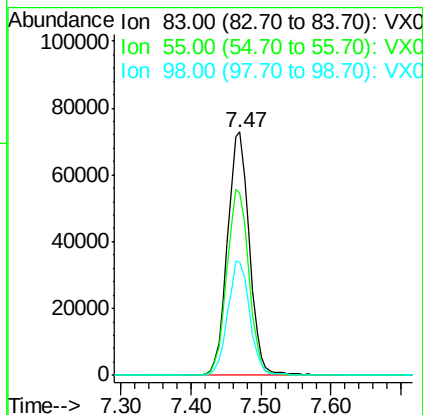
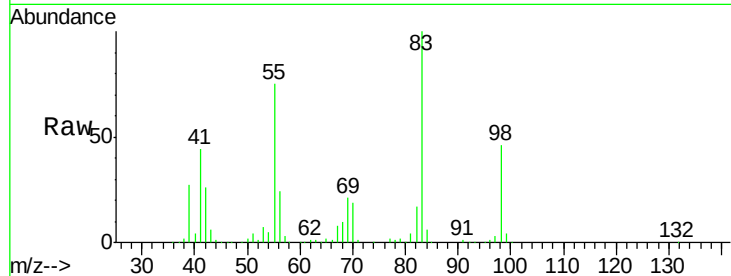




#39  
Methylcyclohexane  
Concen: 48.022 ug/l  
RT: 7.47 min Scan# 1129  
Delta R.T. -0.00 min  
Lab File: VX001186.D  
Acq: 27 Apr 2018 22:26

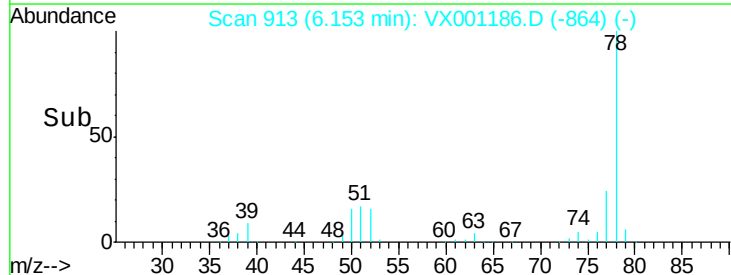
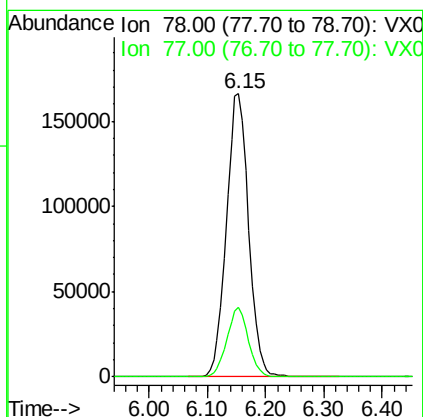
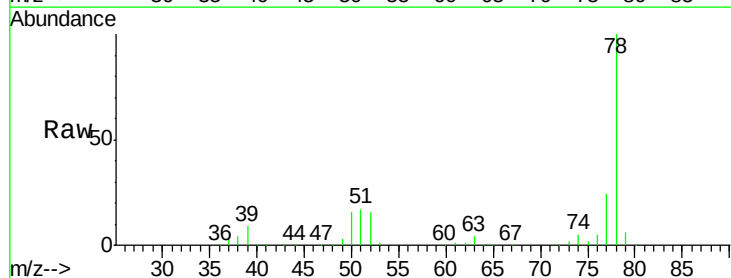
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 83 Resp: 158868  
Ion Ratio Lower Upper  
83 100  
55 74.6 61.8 92.6  
98 46.5 40.0 60.0

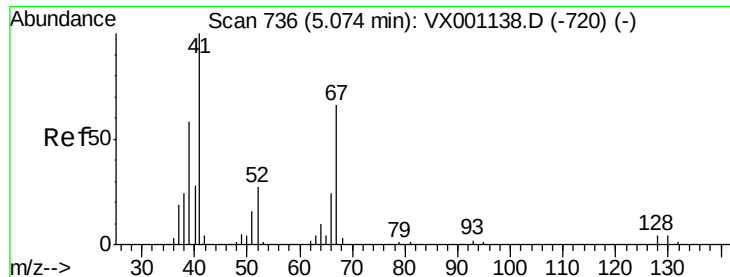


#40  
Benzene  
Concen: 50.893 ug/l  
RT: 6.15 min Scan# 913  
Delta R.T. -0.00 min  
Lab File: VX001186.D  
Acq: 27 Apr 2018 22:26

Tgt Ion: 78 Resp: 440087  
Ion Ratio Lower Upper  
78 100  
77 24.4 19.7 29.5



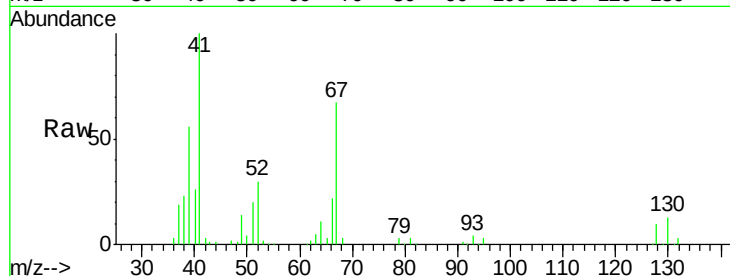




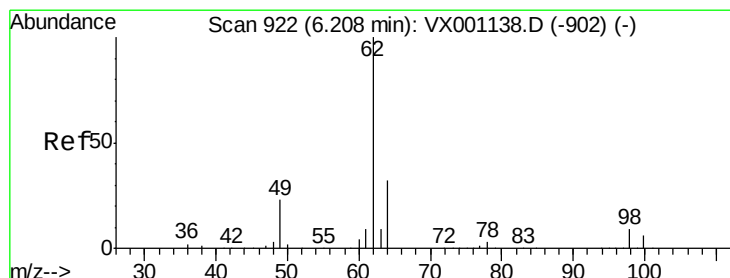
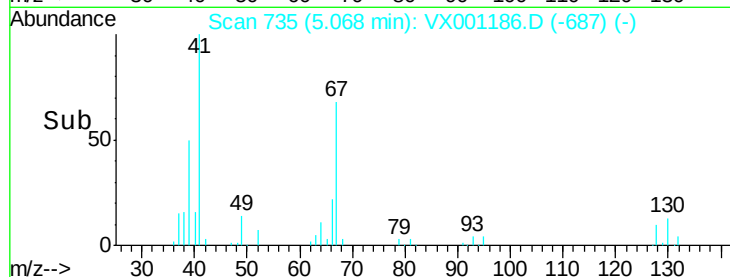
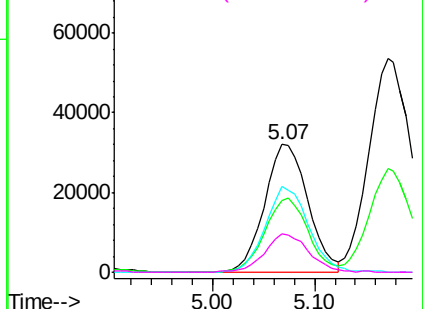
#41  
Methacrylonitrile  
Concen: 47.213 ug/l  
RT: 5.07 min Scan# 735  
Delta R.T. -0.01 min  
Lab File: VX001186.D  
Acq: 27 Apr 2018 22:26

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 94967 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 57.6  | 45.9  | 68.9  |
| 67       | 66.5  | 53.2  | 79.8  |
| 52       | 30.0  | 23.1  | 34.7  |

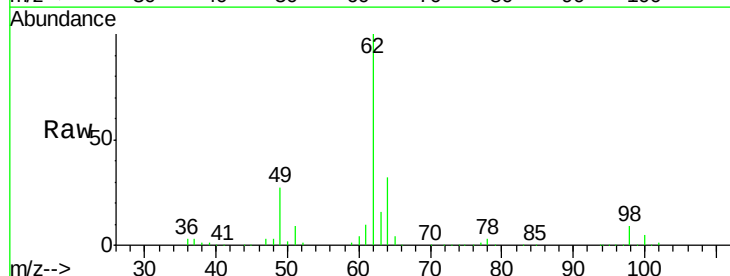


Abundance Ion 41.00 (40.70 to 41.70): VX0  
Ion 39.00 (38.70 to 39.70): VX0  
Ion 67.00 (66.70 to 67.70): VX0  
Ion 52.00 (51.70 to 52.70): VX0

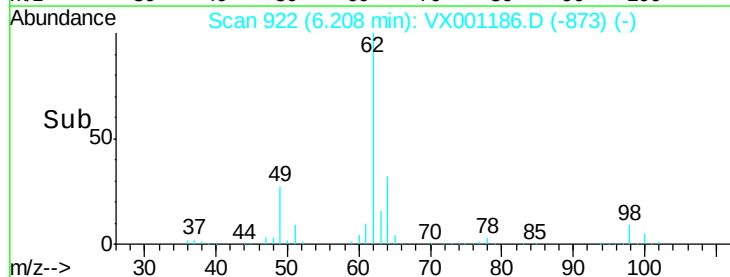
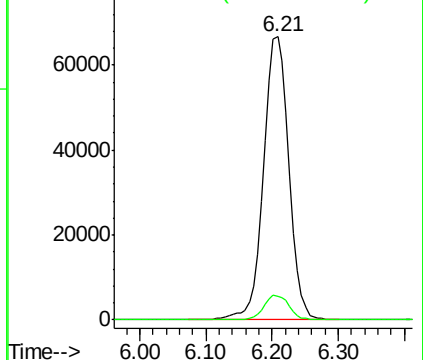


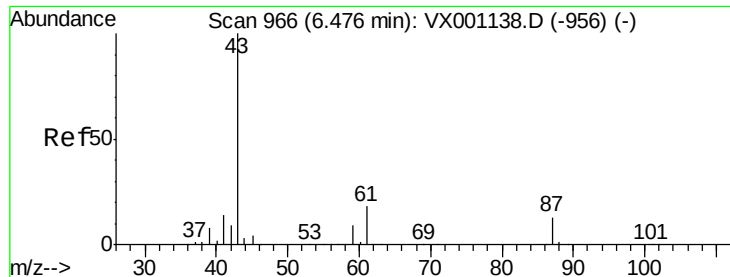
#42  
1,2-Dichloroethane  
Concen: 50.891 ug/l  
RT: 6.21 min Scan# 922  
Delta R.T. -0.00 min  
Lab File: VX001186.D  
Acq: 27 Apr 2018 22:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 177331 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.6   | 0.0   | 17.0   |



Abundance Ion 61.90 (61.60 to 62.60): VX0  
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 47.829 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001186.D

Acq: 27 Apr 2018 22:26

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

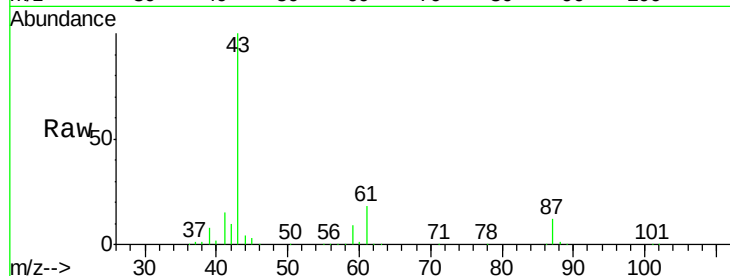
Tgt Ion: 43 Resp: 268889

Ion Ratio Lower Upper

43 100

61 18.4 15.0 22.6

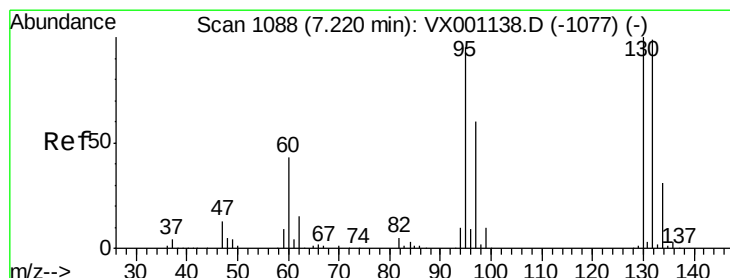
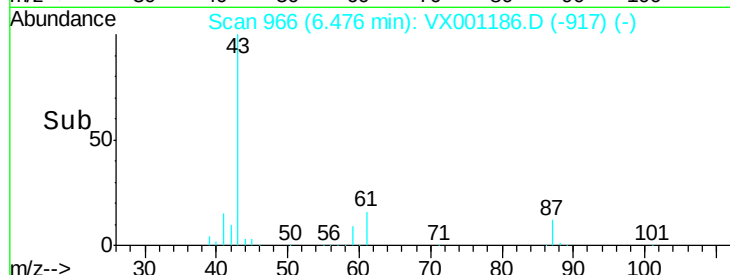
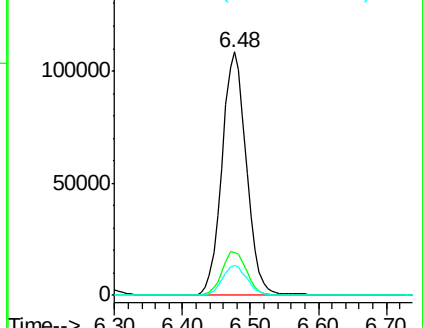
87 12.6 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 50.149 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001186.D

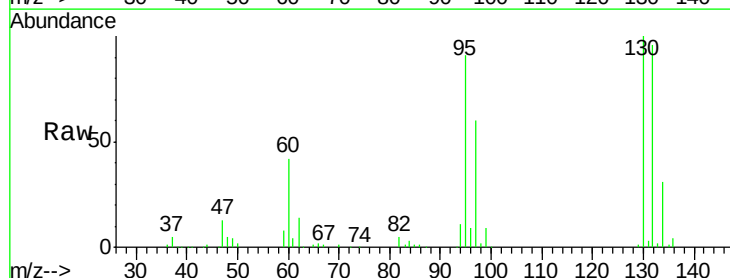
Acq: 27 Apr 2018 22:26

Tgt Ion: 130 Resp: 129190

Ion Ratio Lower Upper

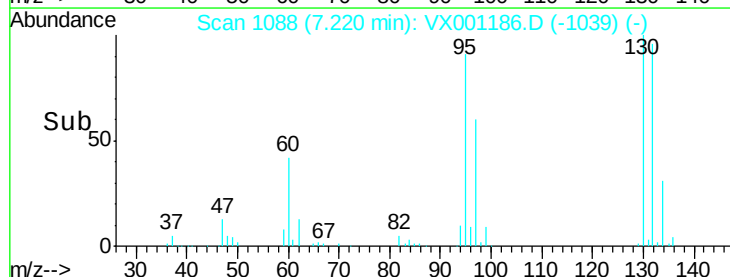
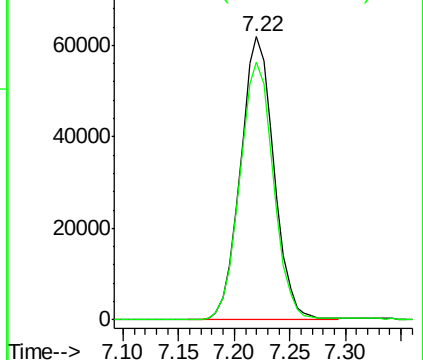
130 100

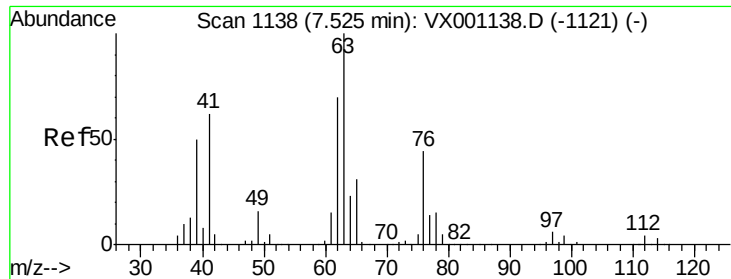
95 91.2 0.0 189.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

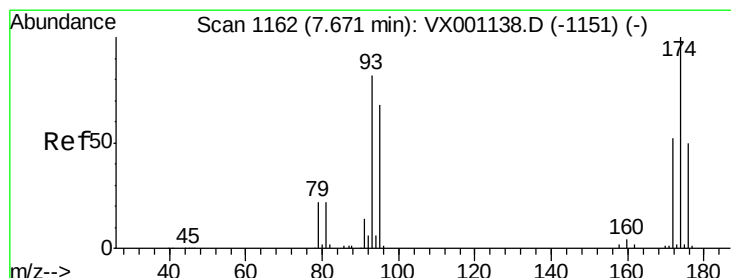
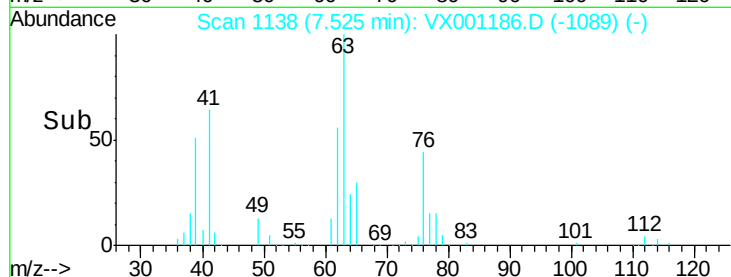
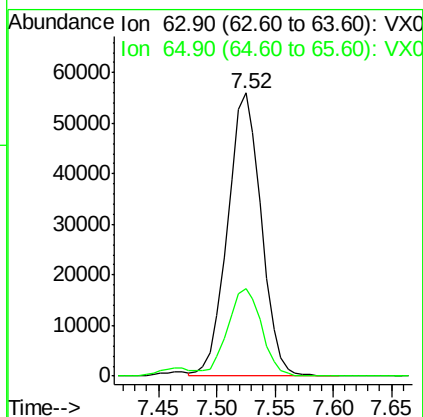
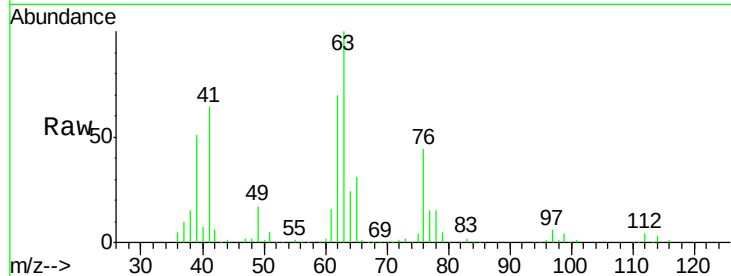




#45  
 1,2-Dichloropropane  
 Concen: 49.244 ug/l  
 RT: 7.52 min Scan# 1138  
 Delta R.T. -0.00 min  
 Lab File: VX001186.D  
 Acq: 27 Apr 2018 22:26

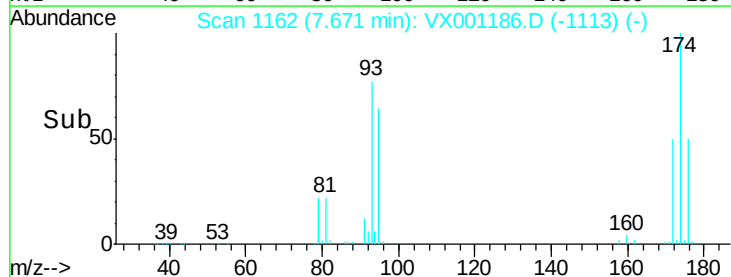
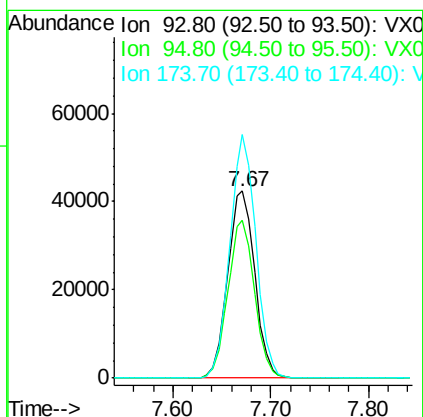
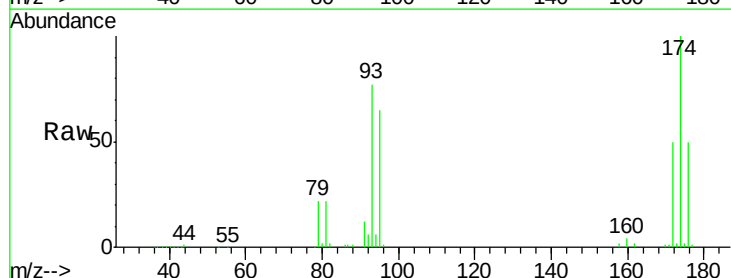
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

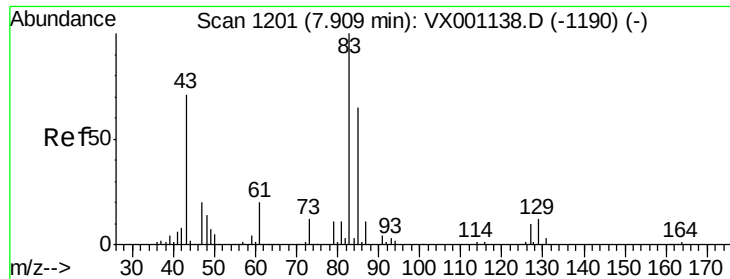
Tgt Ion: 63 Resp: 111998  
 Ion Ratio Lower Upper  
 63 100  
 65 30.6 24.9 37.3



#46  
 Dibromomethane  
 Concen: 51.712 ug/l  
 RT: 7.67 min Scan# 1162  
 Delta R.T. -0.00 min  
 Lab File: VX001186.D  
 Acq: 27 Apr 2018 22:26

Tgt Ion: 93 Resp: 81442  
 Ion Ratio Lower Upper  
 93 100  
 95 83.1 66.4 99.6  
 174 125.0 99.6 149.4





#47

Bromodichloromethane

Concen: 52.414 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX001186.D

Acq: 27 Apr 2018 22:26

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

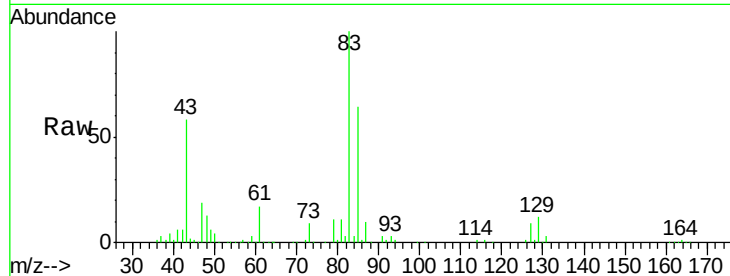
Tgt Ion: 83 Resp: 149982

Ion Ratio Lower Upper

83 100

85 64.1 51.9 77.9

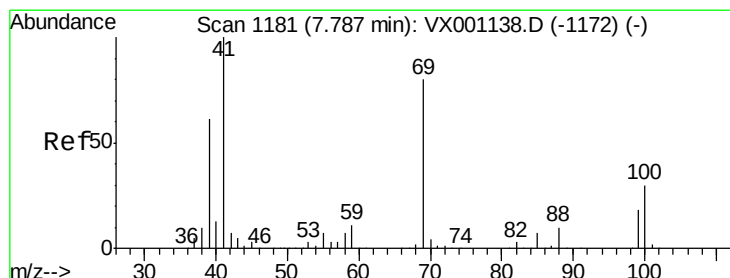
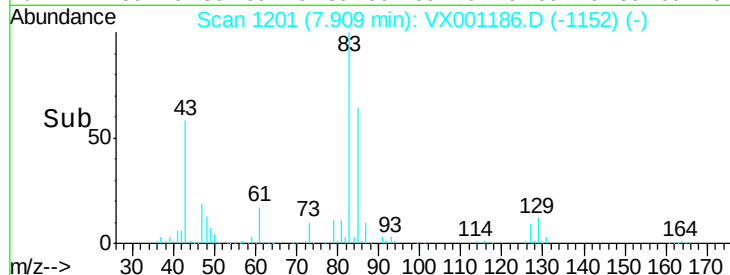
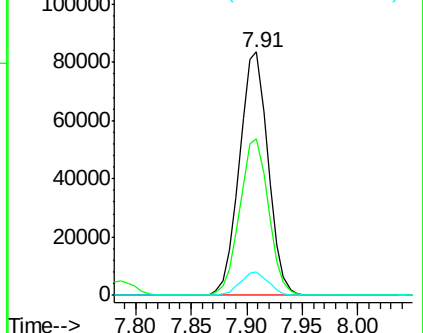
127 9.4 7.7 11.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 48.452 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX001186.D

Acq: 27 Apr 2018 22:26

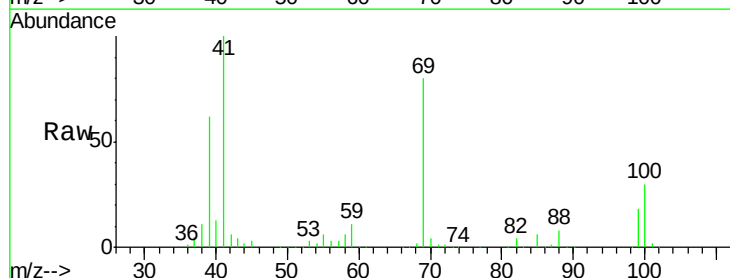
Tgt Ion: 41 Resp: 144790

Ion Ratio Lower Upper

41 100

69 78.1 62.4 93.6

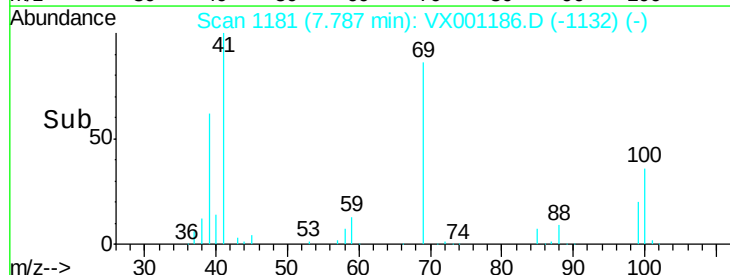
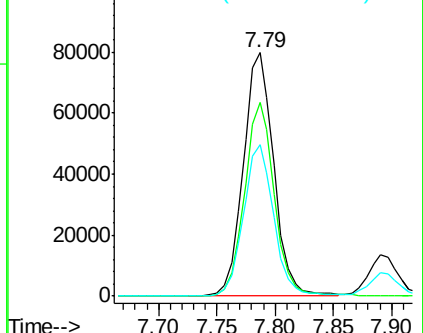
39 61.6 48.7 73.1

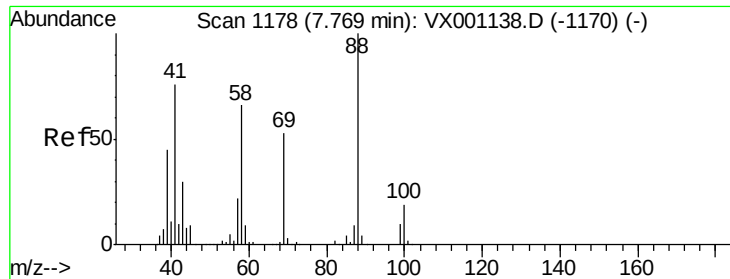


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

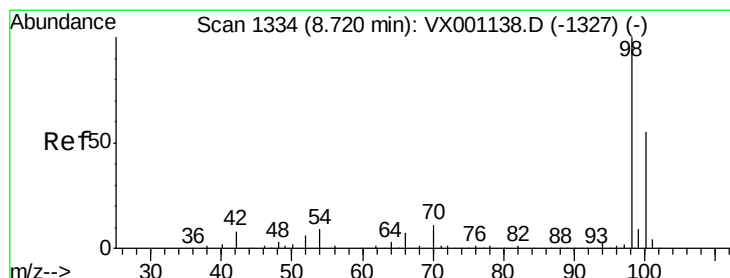
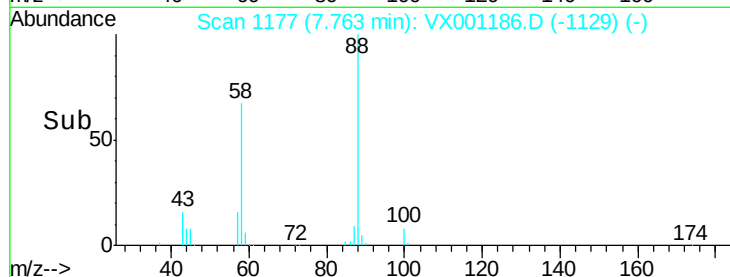
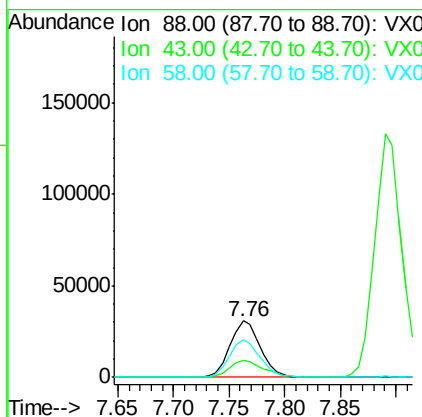
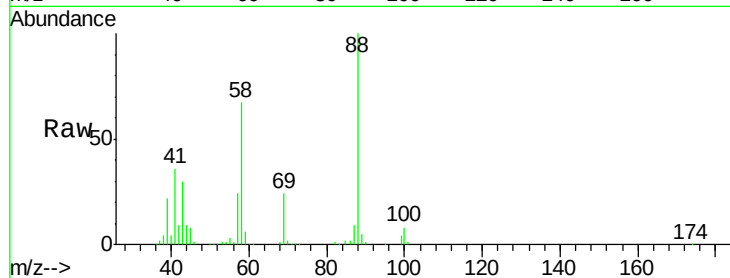




#49  
1,4-Dioxane  
Concen: 974.359 ug/l  
RT: 7.76 min Scan# 1177  
Delta R.T. -0.01 min  
Lab File: VX001186.D  
Acq: 27 Apr 2018 22:26

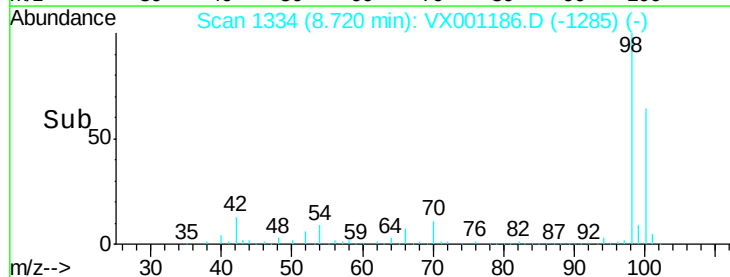
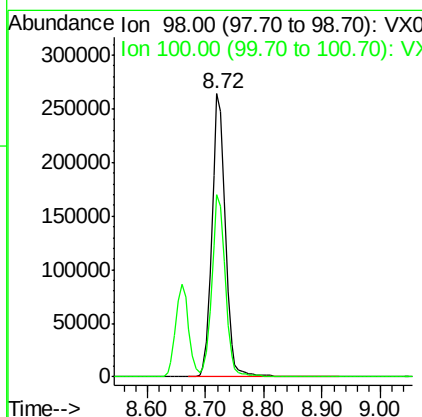
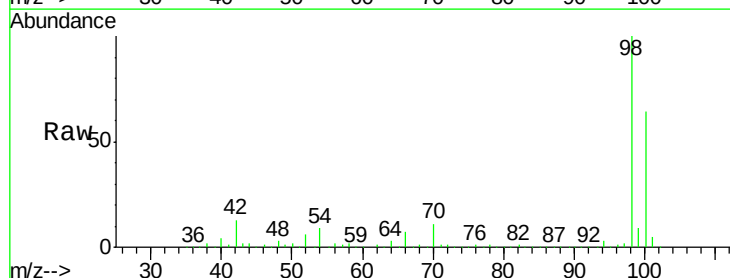
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

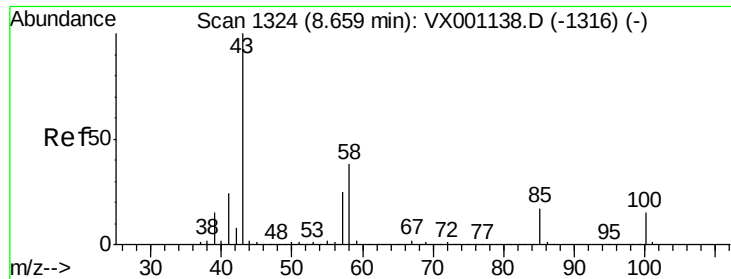
Tgt Ion: 88 Resp: 58294  
Ion Ratio Lower Upper  
88 100  
43 34.8 27.3 40.9  
58 68.0 54.2 81.4



#50  
Toluene-d8  
Concen: 49.946 ug/l  
RT: 8.72 min Scan# 1334  
Delta R.T. -0.00 min  
Lab File: VX001186.D  
Acq: 27 Apr 2018 22:26

Tgt Ion: 98 Resp: 423199  
Ion Ratio Lower Upper  
98 100  
100 64.4 51.8 77.6





#51

4-Methyl-2-Pentanone

Concen: 245.610 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX001186.D

Acq: 27 Apr 2018 22:26

Instrument :

MSVOA\_X

ClientSampleId :

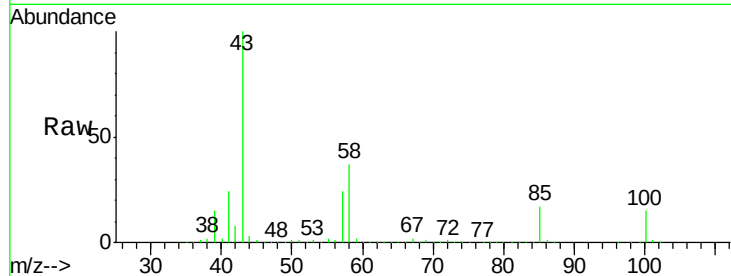
VSTDCCC050

Tgt Ion: 43 Resp: 907019

Ion Ratio Lower Upper

43 100

58 36.5 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

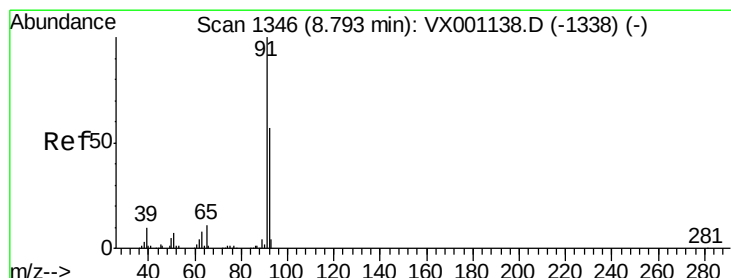
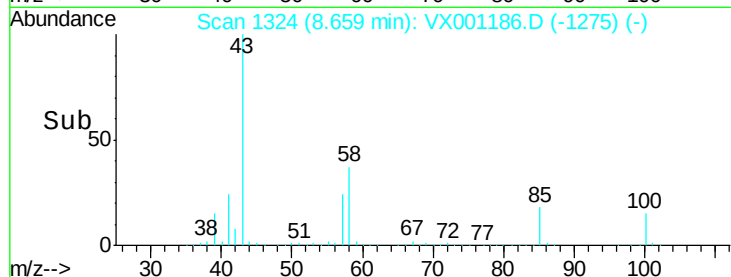
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 50.985 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX001186.D

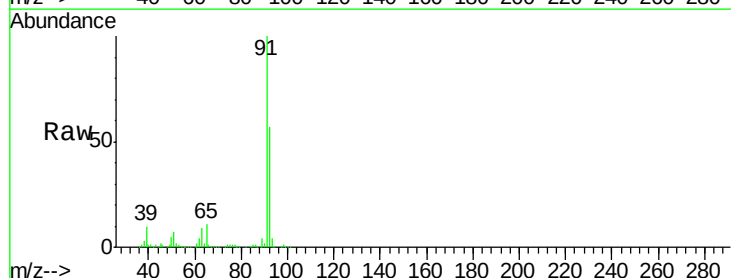
Acq: 27 Apr 2018 22:26

Tgt Ion: 92 Resp: 288305

Ion Ratio Lower Upper

92 100

91 175.6 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

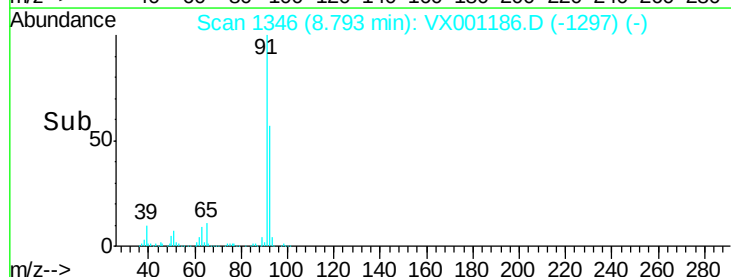
300000

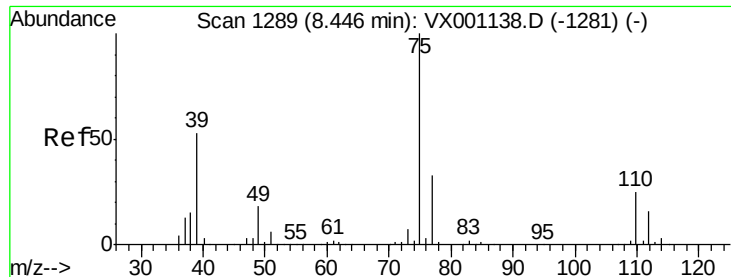
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 51.937 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX001186.D

Acq: 27 Apr 2018 22:26

Instrument :

MSVOA\_X

ClientSampleId :

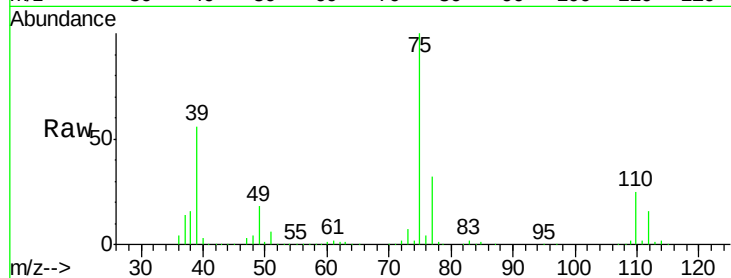
VSTDCCC050

Tgt Ion: 75 Resp: 172773

Ion Ratio Lower Upper

75 100

77 31.6 26.2 39.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.45

120000

100000

80000

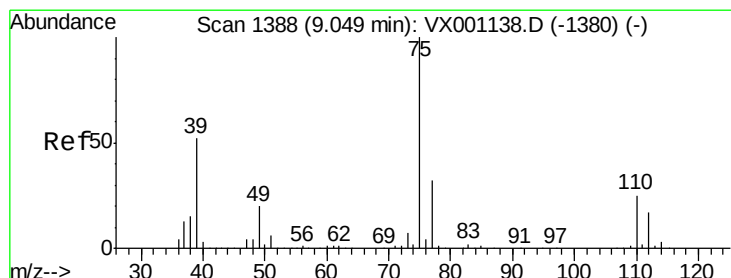
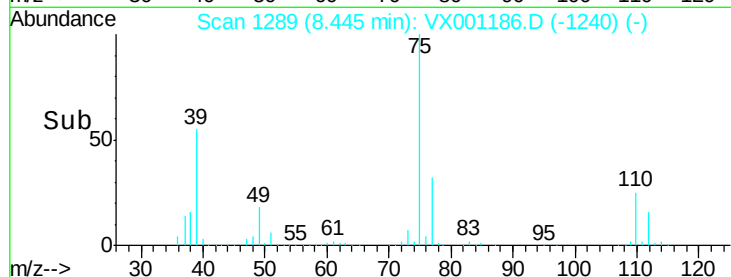
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 45.239 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX001186.D

Acq: 27 Apr 2018 22:26

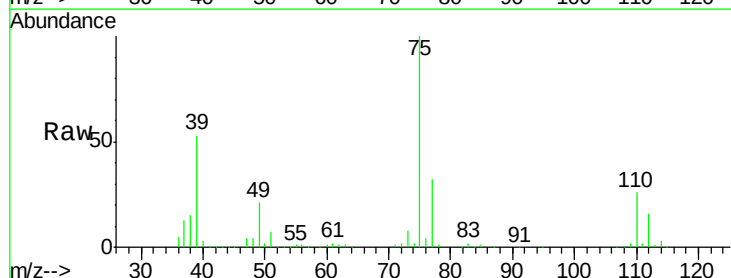
Tgt Ion: 75 Resp: 162204

Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.2

39 52.6 42.0 63.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

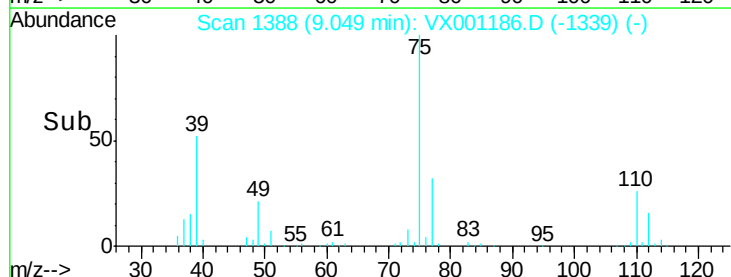
150000

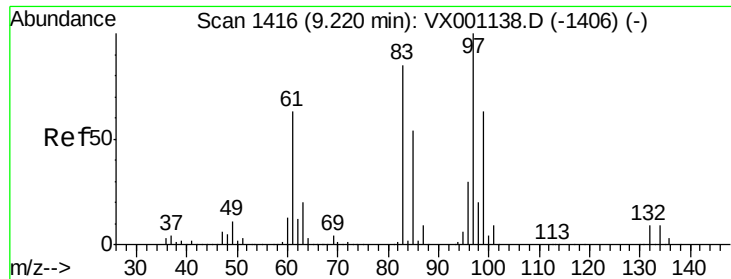
100000

50000

0

Time-->

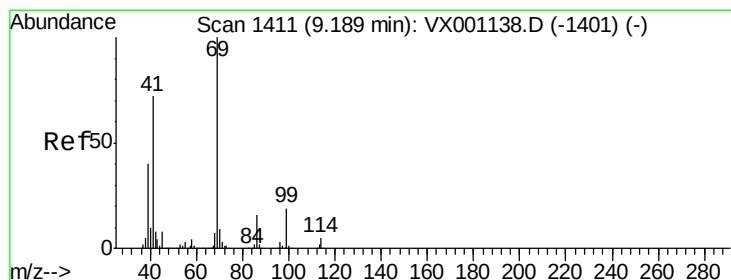
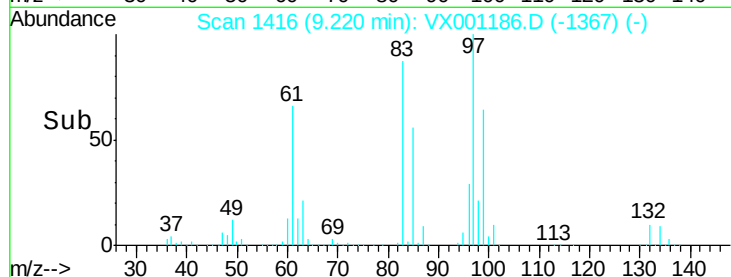
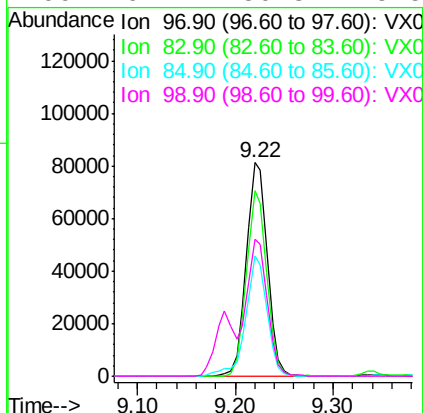
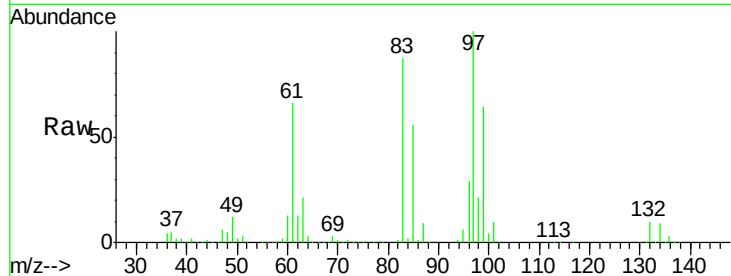




#55  
 1,1,2-Trichloroethane  
 Concen: 50.849 ug/l  
 RT: 9.22 min Scan# 1416  
 Delta R.T. -0.00 min  
 Lab File: VX001186.D  
 Acq: 27 Apr 2018 22:26

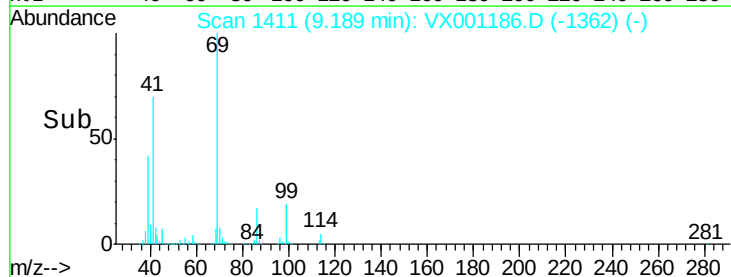
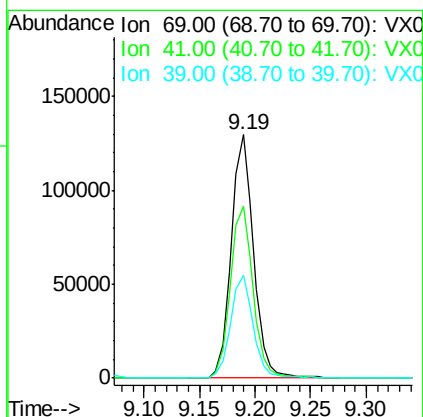
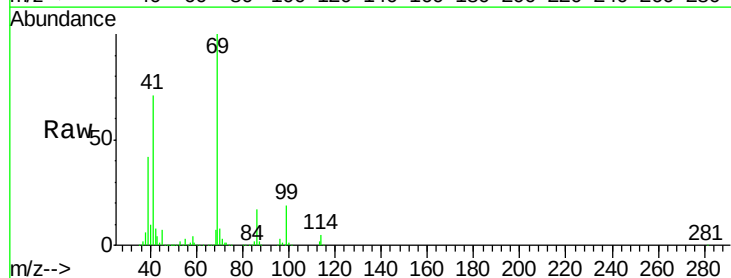
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 121652 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 87.0  | 68.0  | 102.0  |
| 85       | 56.3  | 42.9  | 64.3   |
| 99       | 64.2  | 50.3  | 75.5   |

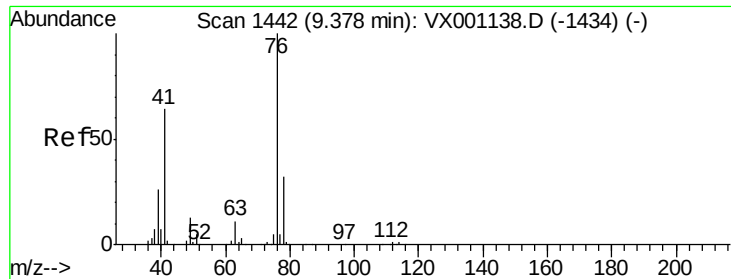


#56  
 Ethyl methacrylate  
 Concen: 50.648 ug/l  
 RT: 9.19 min Scan# 1411  
 Delta R.T. -0.00 min  
 Lab File: VX001186.D  
 Acq: 27 Apr 2018 22:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 179533 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 72.0  | 57.7  | 86.5   |
| 39       | 42.8  | 33.3  | 49.9   |



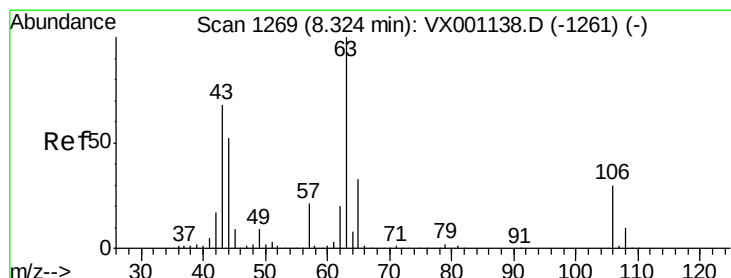
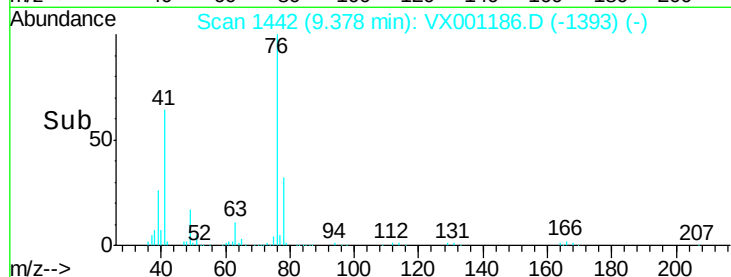
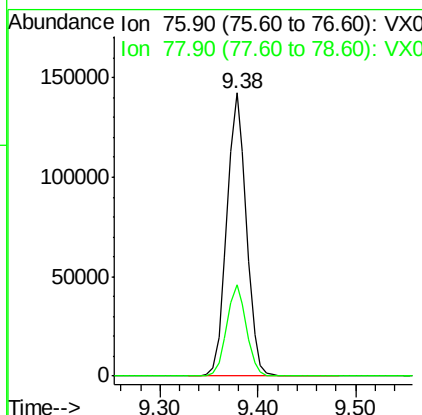
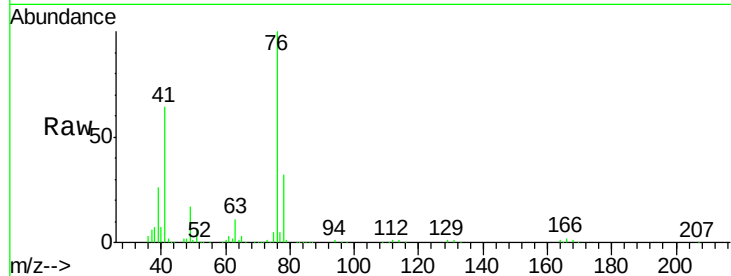




#57  
 1,3-Dichloropropane  
 Concen: 50.999 ug/l  
 RT: 9.38 min Scan# 1442  
 Delta R.T. -0.00 min  
 Lab File: VX001186.D  
 Acq: 27 Apr 2018 22:26

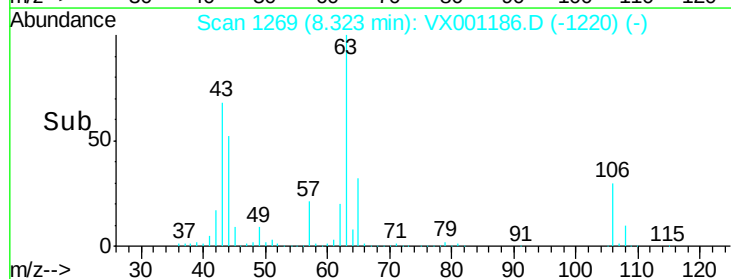
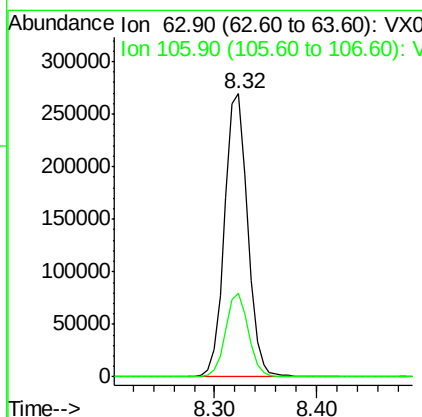
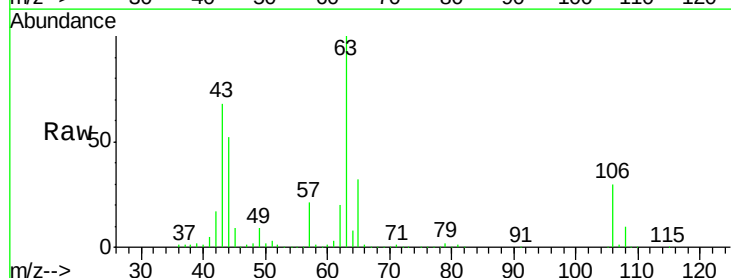
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

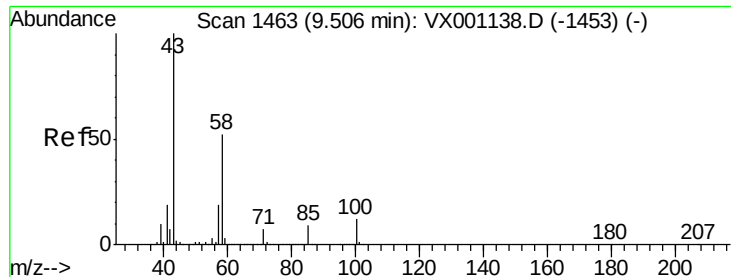
Tgt Ion: 76 Resp: 197379  
 Ion Ratio Lower Upper  
 76 100  
 78 32.3 26.1 39.1



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 251.086 ug/l  
 RT: 8.32 min Scan# 1269  
 Delta R.T. -0.00 min  
 Lab File: VX001186.D  
 Acq: 27 Apr 2018 22:26

Tgt Ion: 63 Resp: 420756  
 Ion Ratio Lower Upper  
 63 100  
 106 29.3 23.7 35.5

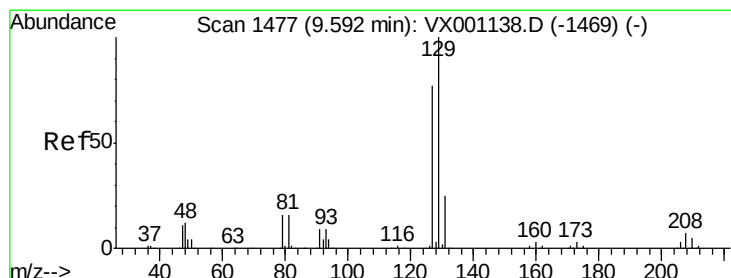
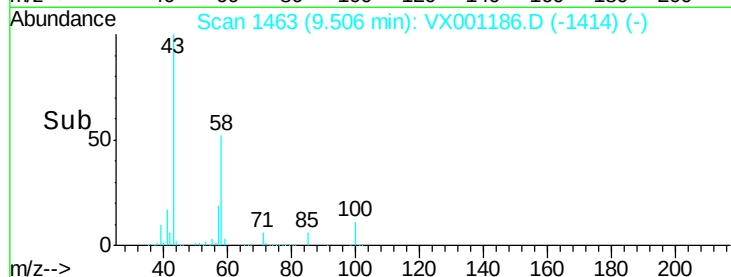
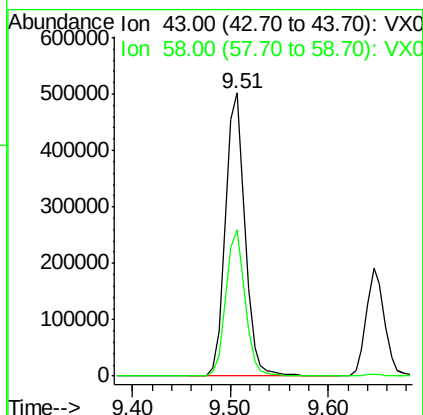
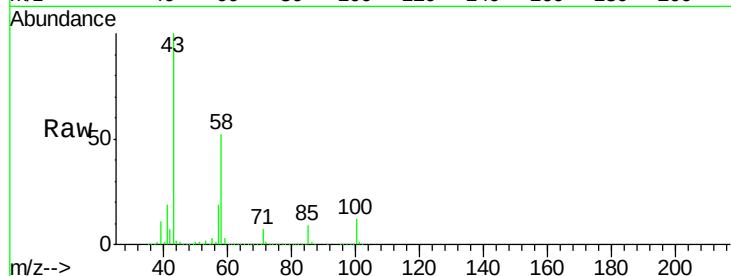




#59  
2-Hexanone  
Concen: 240.828 ug/l  
RT: 9.51 min Scan# 1463  
Delta R.T. -0.00 min  
Lab File: VX001186.D  
Acq: 27 Apr 2018 22:26

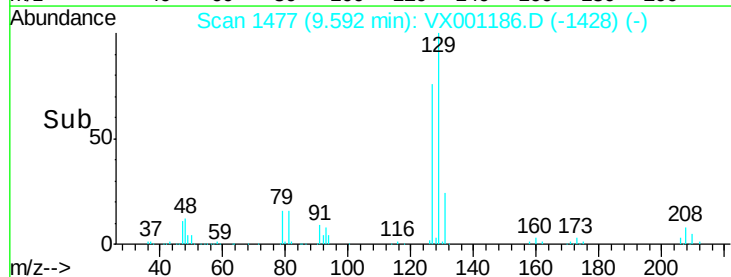
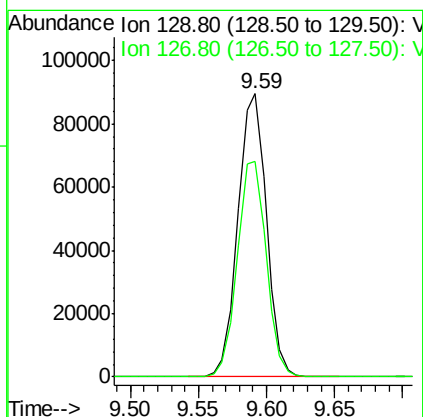
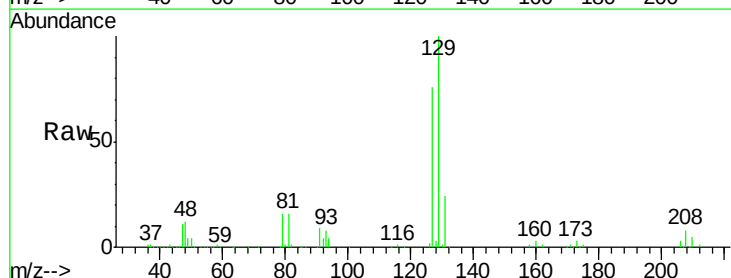
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

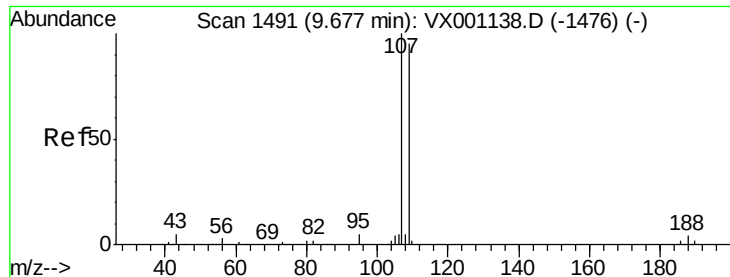
Tgt Ion: 43 Resp: 696830  
Ion Ratio Lower Upper  
43 100  
58 51.1 25.8 77.4



#60  
Dibromochloromethane  
Concen: 47.118 ug/l  
RT: 9.59 min Scan# 1477  
Delta R.T. 0.00 min  
Lab File: VX001186.D  
Acq: 27 Apr 2018 22:26

Tgt Ion: 129 Resp: 131098  
Ion Ratio Lower Upper  
129 100  
127 77.1 38.4 115.2





#61

1,2-Dibromoethane

Concen: 52.448 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001186.D

Acq: 27 Apr 2018 22:26

Instrument :

MSVOA\_X

ClientSampleId :

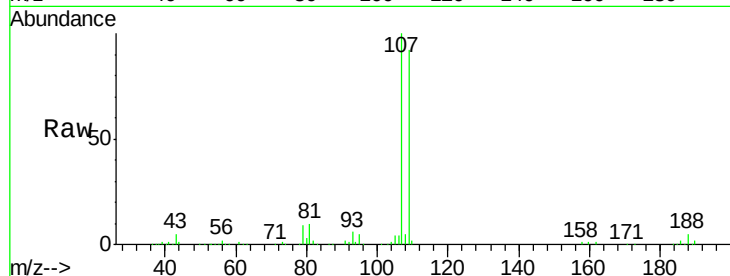
VSTDCCC050

Tgt Ion: 107 Resp: 131457

Ion Ratio Lower Upper

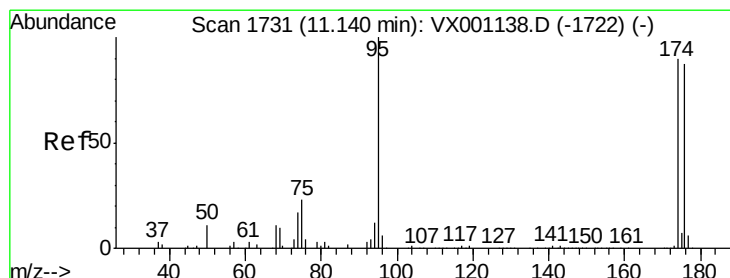
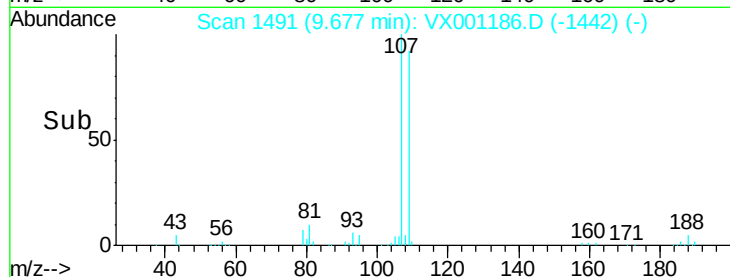
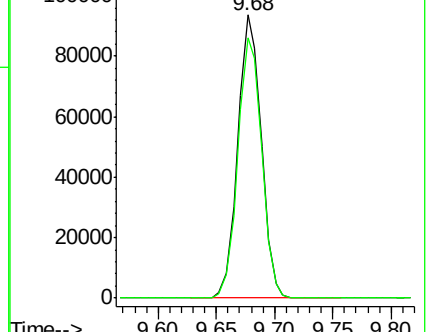
107 100

109 94.2 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.241 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001186.D

Acq: 27 Apr 2018 22:26

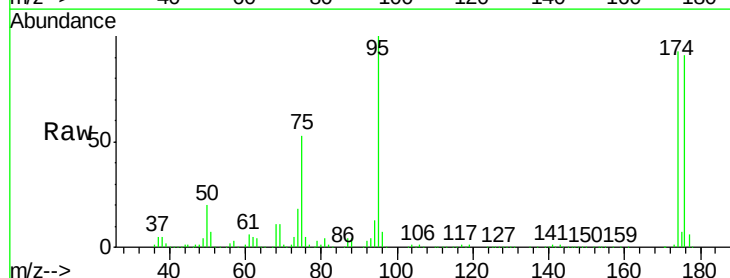
Tgt Ion: 95 Resp: 166298

Ion Ratio Lower Upper

95 100

174 99.9 0.0 194.4

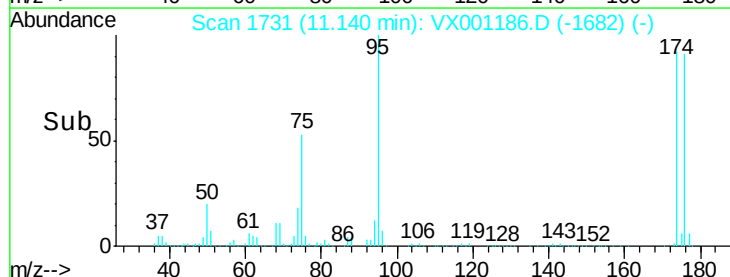
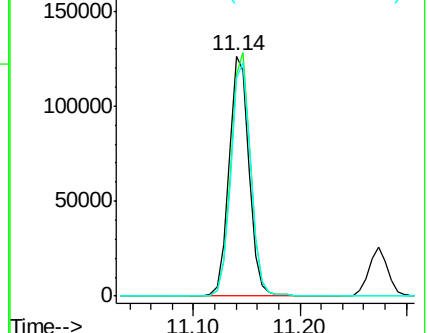
176 96.9 0.0 190.2

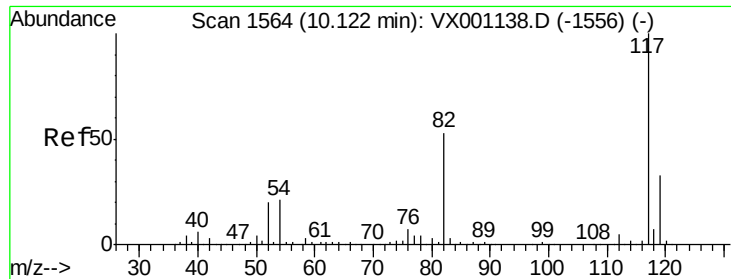


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

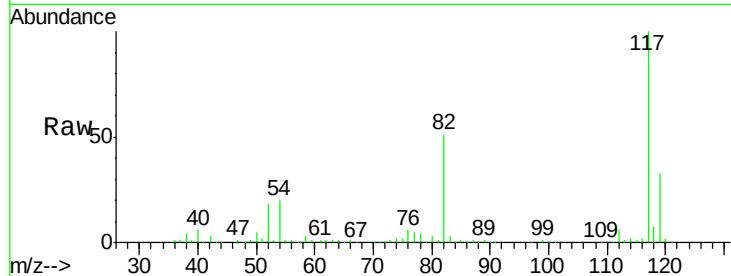




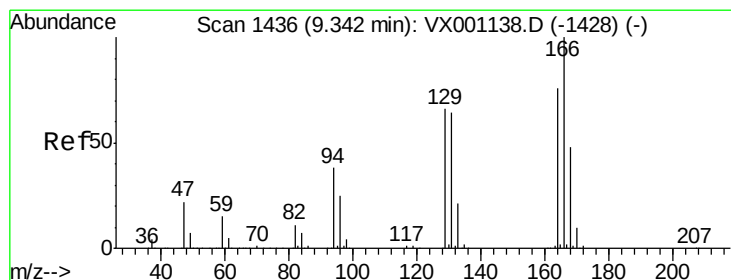
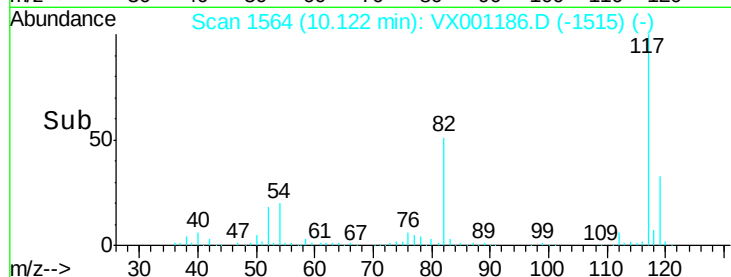
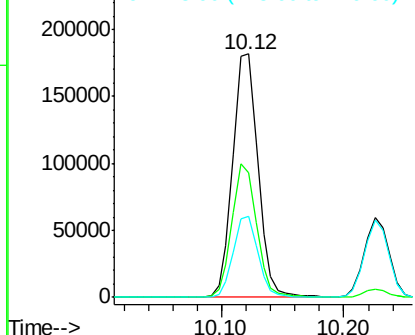
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1564  
Delta R.T. -0.00 min  
Lab File: VX001186.D  
Acq: 27 Apr 2018 22:26

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion:117 Resp: 260841  
Ion Ratio Lower Upper  
117 100  
82 51.1 42.1 63.1  
119 33.3 26.1 39.1



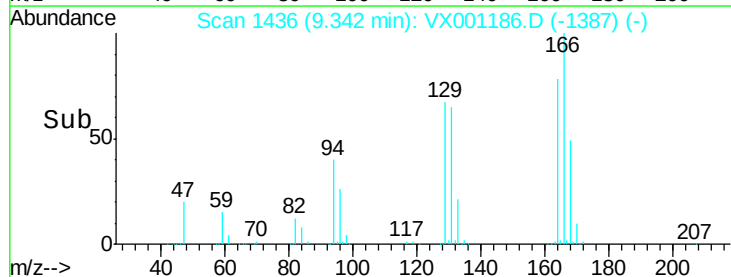
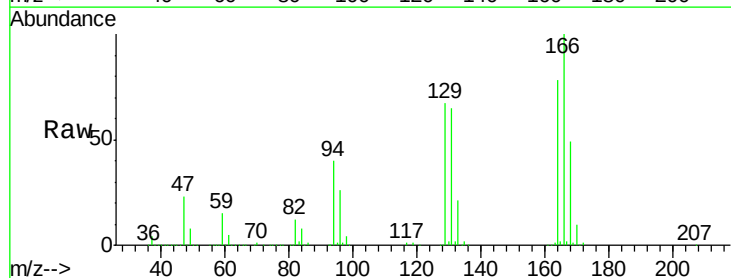
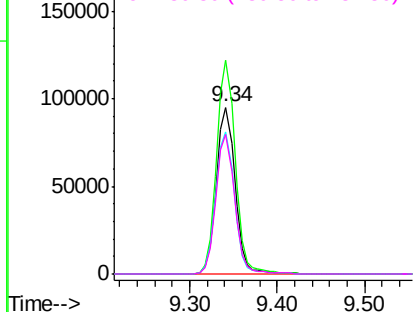
Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VX0  
Ion 118.90 (118.60 to 119.60): V

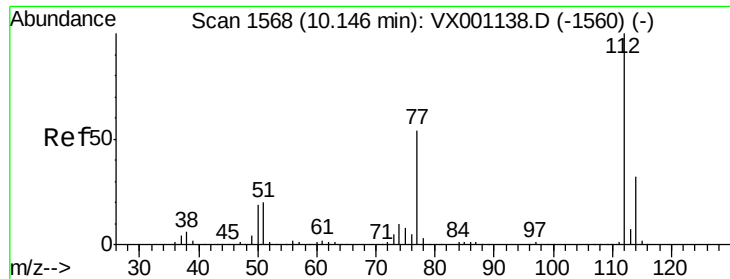


#64  
Tetrachloroethene  
Concen: 50.770 ug/l  
RT: 9.34 min Scan# 1436  
Delta R.T. -0.00 min  
Lab File: VX001186.D  
Acq: 27 Apr 2018 22:26

Tgt Ion:164 Resp: 141356  
Ion Ratio Lower Upper  
164 100  
166 128.0 105.0 157.6  
129 85.3 69.4 104.2  
131 83.3 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

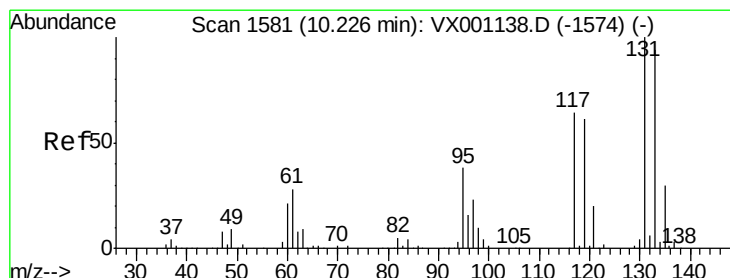
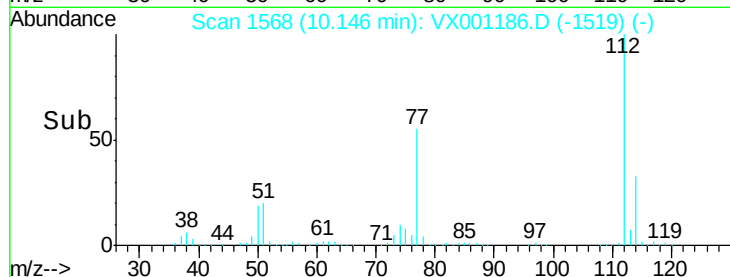
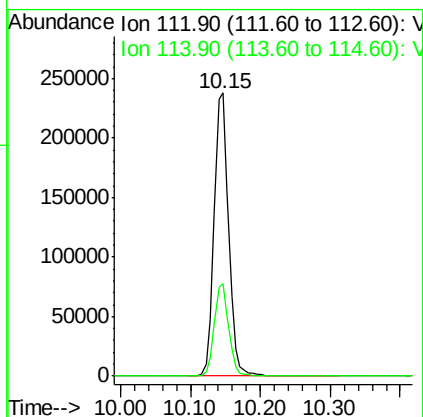
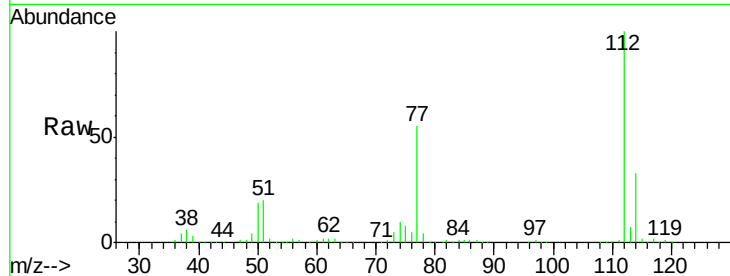




#65  
Chlorobenzene  
Concen: 50.191 ug/l  
RT: 10.15 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VX001186.D  
Acq: 27 Apr 2018 22:26

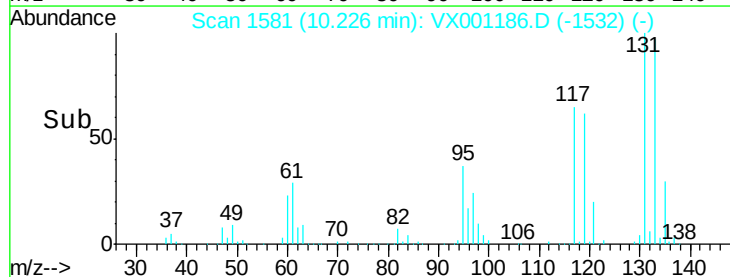
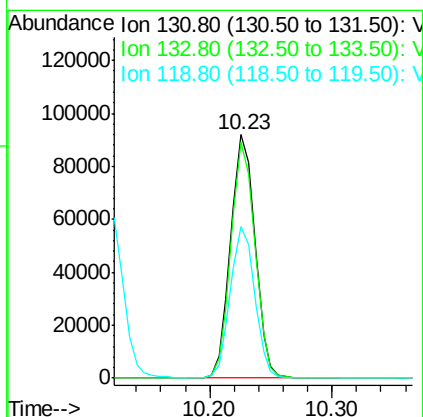
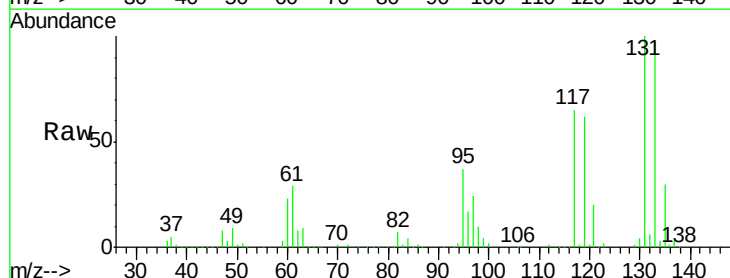
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

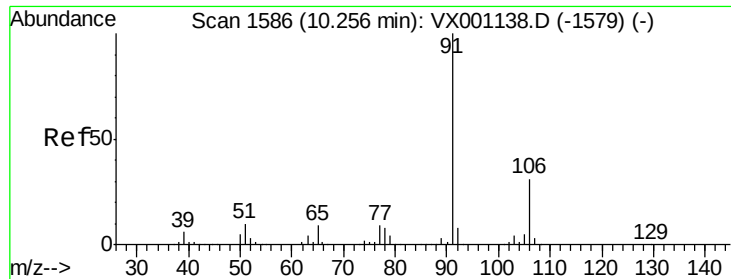
Tgt Ion:112 Resp: 343004  
Ion Ratio Lower Upper  
112 100  
114 32.8 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 53.616 ug/l  
RT: 10.23 min Scan# 1581  
Delta R.T. -0.00 min  
Lab File: VX001186.D  
Acq: 27 Apr 2018 22:26

Tgt Ion:131 Resp: 126771  
Ion Ratio Lower Upper  
131 100  
133 95.2 47.8 143.4  
119 62.5 31.3 93.8





#67

Ethyl Benzene

Concen: 50.602 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001186.D

Acq: 27 Apr 2018 22:26

Instrument :

MSVOA\_X

ClientSampleId :

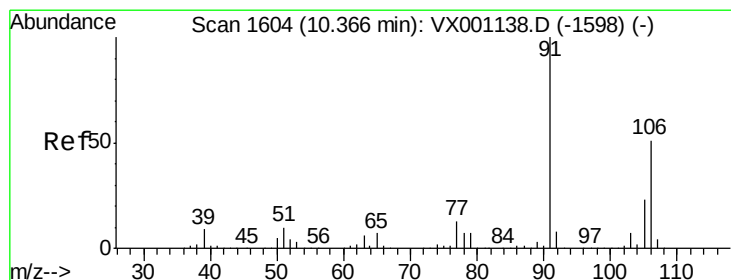
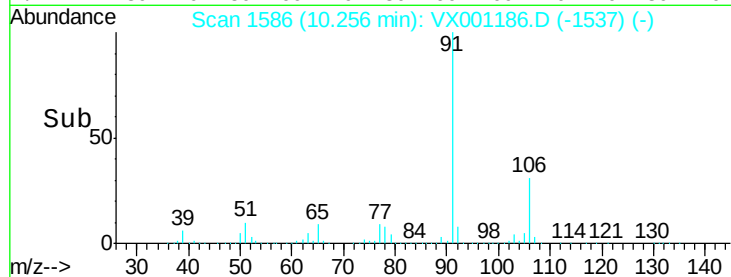
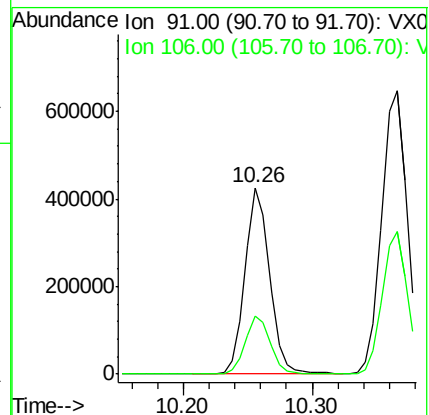
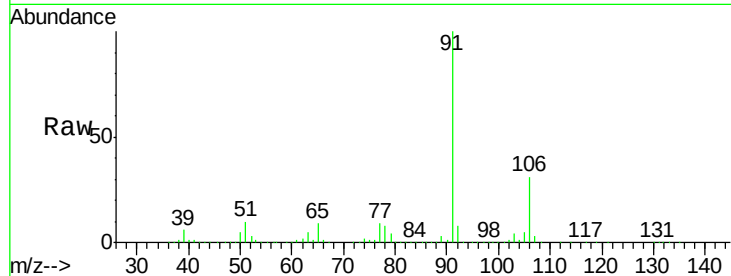
VSTDCCC050

Tgt Ion: 91 Resp: 561862

Ion Ratio Lower Upper

91 100

106 30.9 24.8 37.2



#68

m/p-Xylenes

Concen: 102.156 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX001186.D

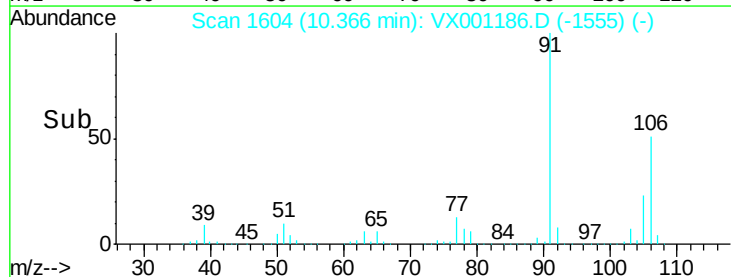
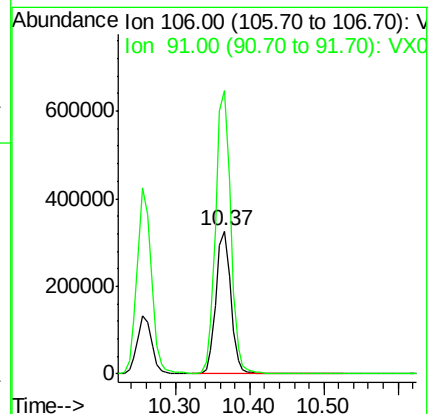
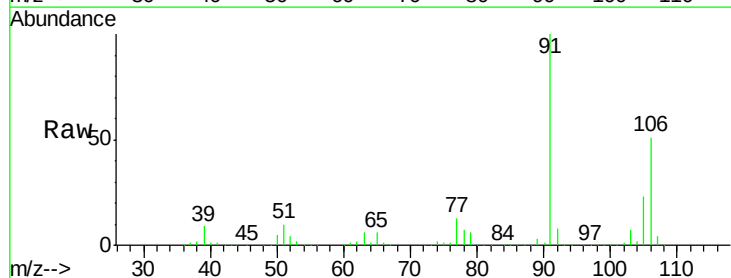
Acq: 27 Apr 2018 22:26

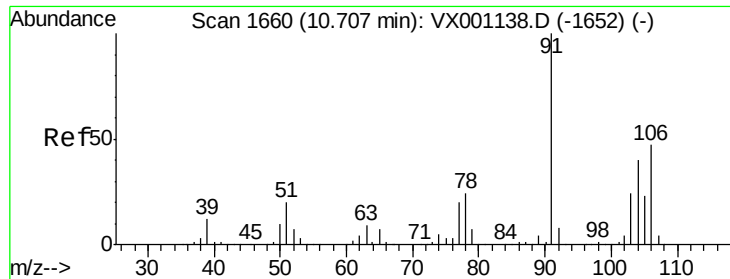
Tgt Ion: 106 Resp: 448431

Ion Ratio Lower Upper

106 100

91 201.1 160.9 241.3

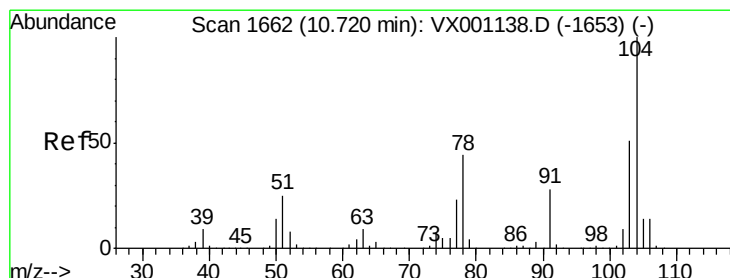
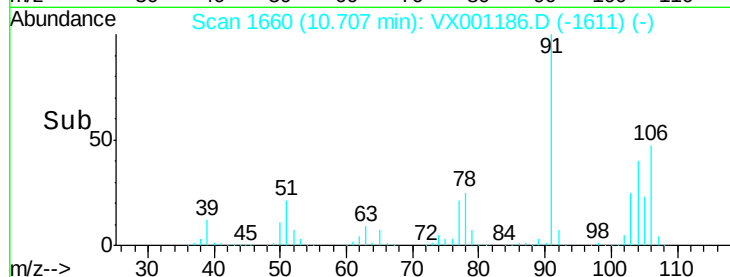
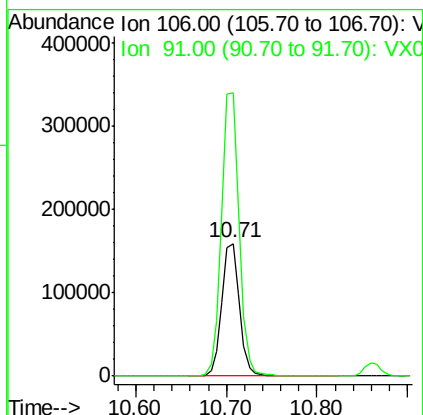
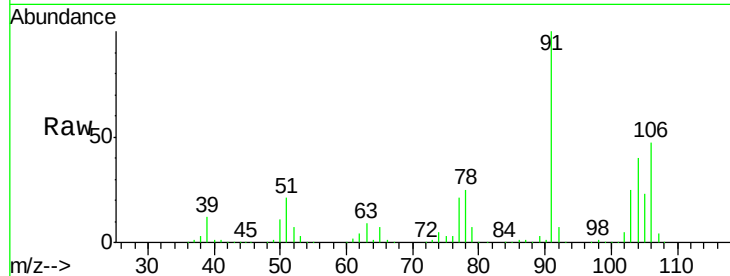




#69  
o-Xylene  
Concen: 51.020 ug/l  
RT: 10.71 min Scan# 1660  
Delta R.T. -0.00 min  
Lab File: VX001186.D  
Acq: 27 Apr 2018 22:26

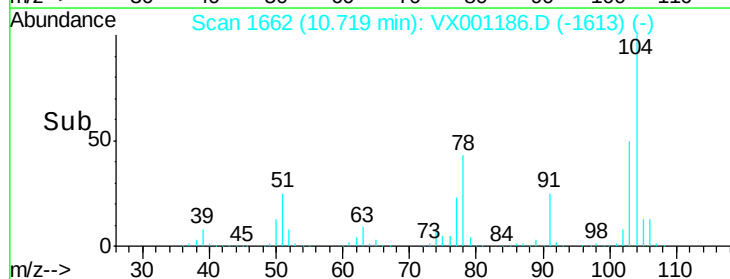
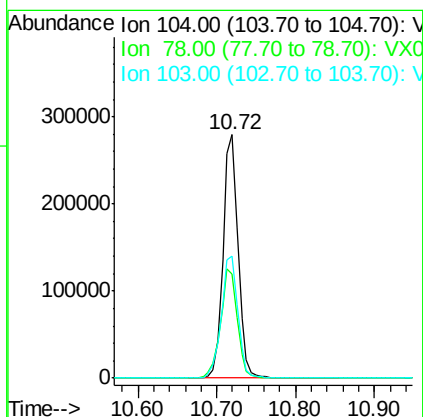
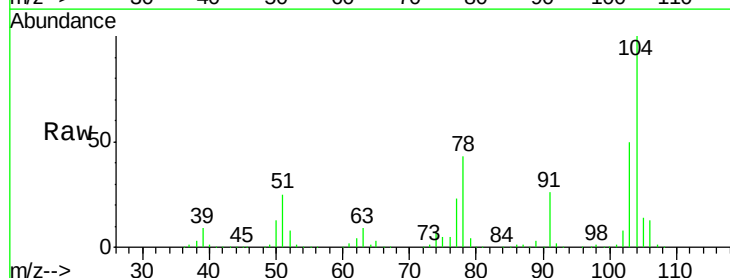
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

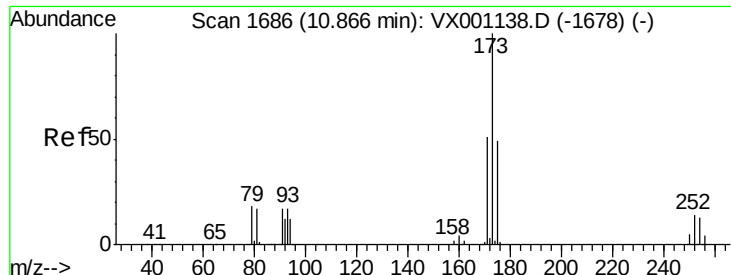
Tgt Ion:106 Resp: 217226  
Ion Ratio Lower Upper  
106 100  
91 214.4 106.2 318.5



#70  
Styrene  
Concen: 52.044 ug/l  
RT: 10.72 min Scan# 1662  
Delta R.T. -0.00 min  
Lab File: VX001186.D  
Acq: 27 Apr 2018 22:26

Tgt Ion:104 Resp: 368773  
Ion Ratio Lower Upper  
104 100  
78 50.3 40.3 60.5  
103 55.7 44.3 66.5

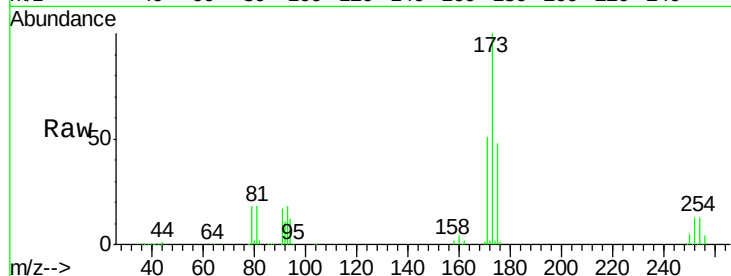




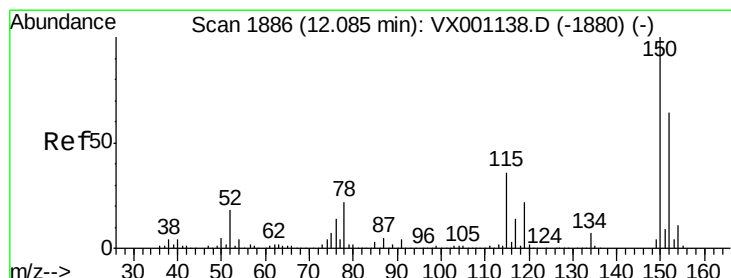
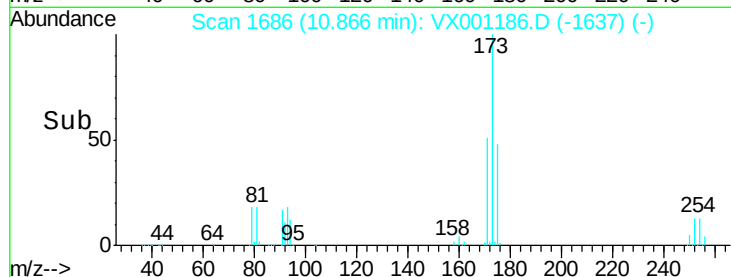
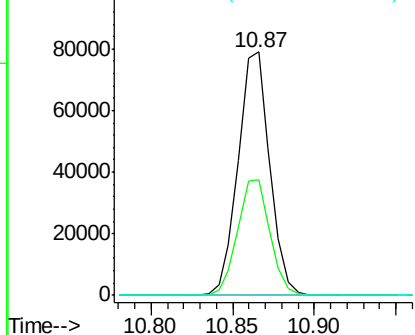
#71  
Bromoform  
Concen: 43.696 ug/l  
RT: 10.87 min Scan# 1686  
Delta R.T. 0.00 min  
Lab File: VX001186.D  
Acq: 27 Apr 2018 22:26

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion:173 Resp: 106955  
Ion Ratio Lower Upper  
173 100  
175 48.6 24.6 73.8  
254 0.2 0.2 0.2

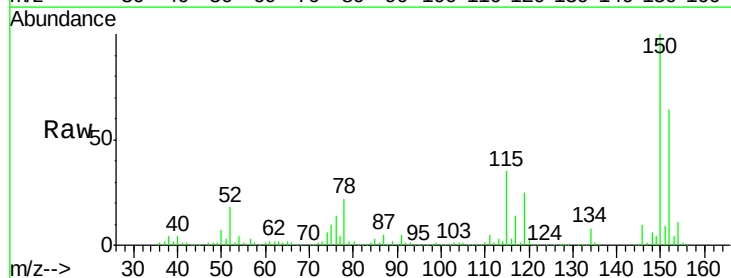


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

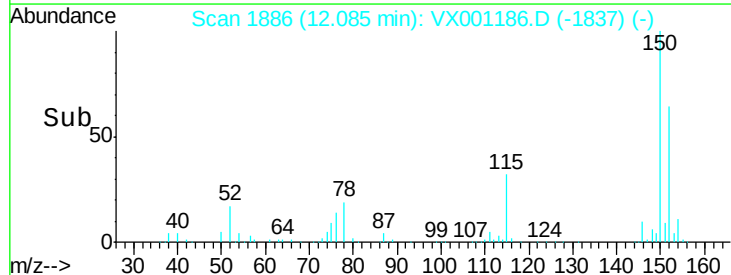
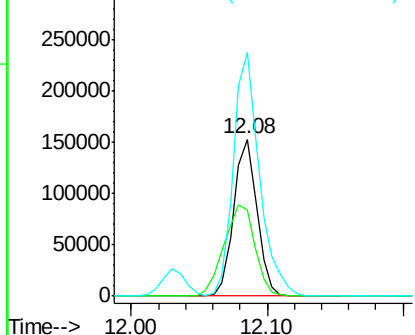


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.08 min Scan# 1886  
Delta R.T. -0.00 min  
Lab File: VX001186.D  
Acq: 27 Apr 2018 22:26

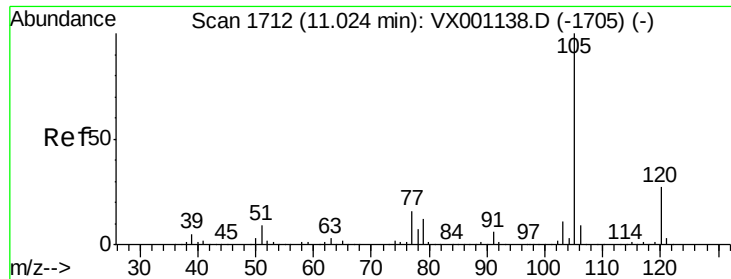
Tgt Ion:152 Resp: 182580  
Ion Ratio Lower Upper  
152 100  
115 76.3 38.0 114.0  
150 173.4 0.0 349.6



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V







#73

Isopropylbenzene

Concen: 48.341 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001186.D

Acq: 27 Apr 2018 22:26

Instrument :

MSVOA\_X

ClientSampleId :

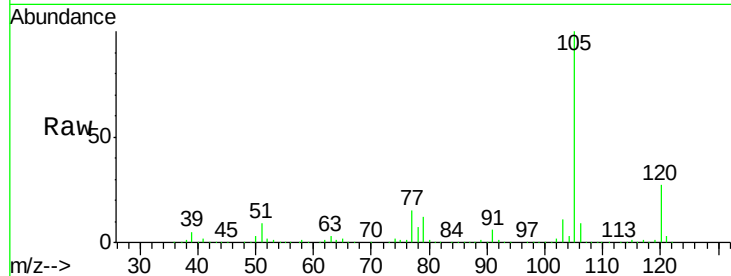
VSTDCCC050

Tgt Ion:105 Resp: 575268

Ion Ratio Lower Upper

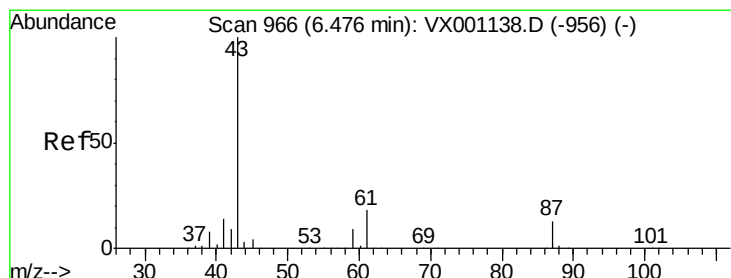
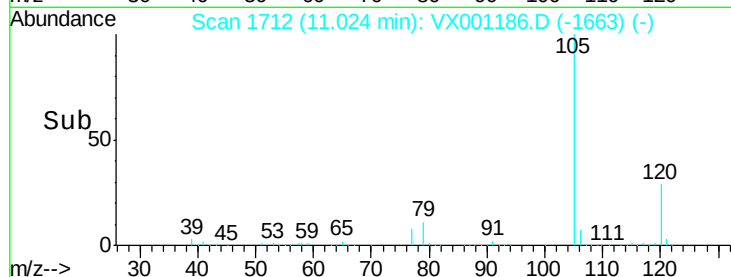
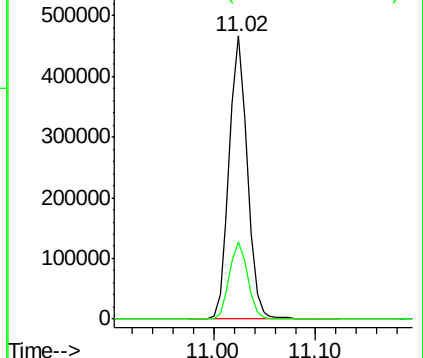
105 100

120 27.6 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 44.840 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001186.D

Acq: 27 Apr 2018 22:26

Tgt Ion: 43 Resp: 268889

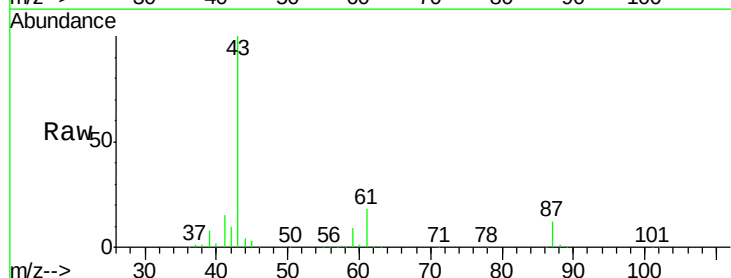
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.4 15.0 22.6

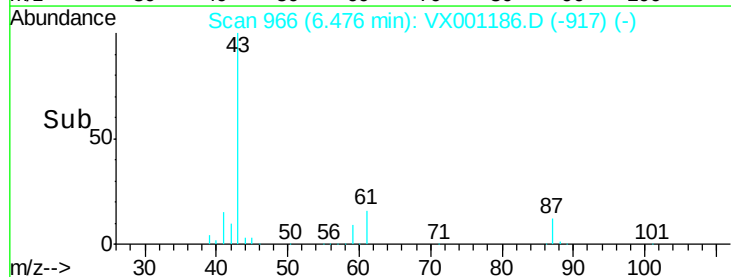
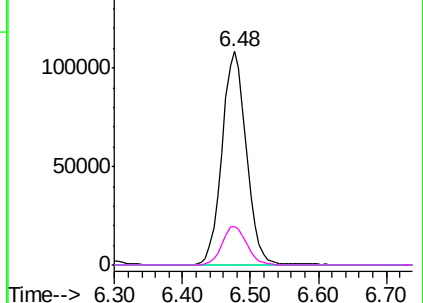


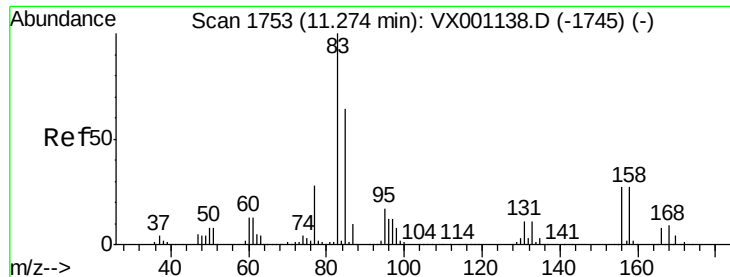
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 47.350 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001186.D

Acq: 27 Apr 2018 22:26

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

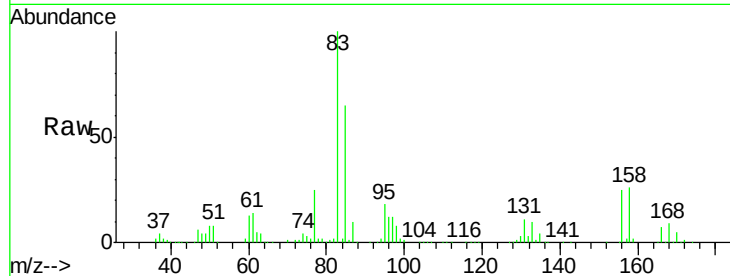
Tgt Ion: 83 Resp: 186959

Ion Ratio Lower Upper

83 100

131 11.5 5.8 17.4

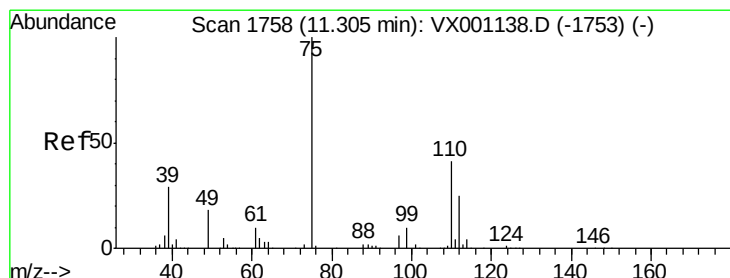
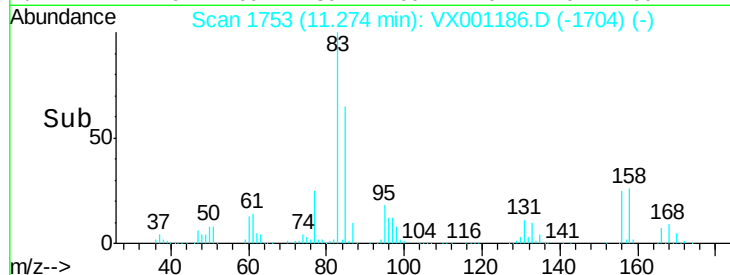
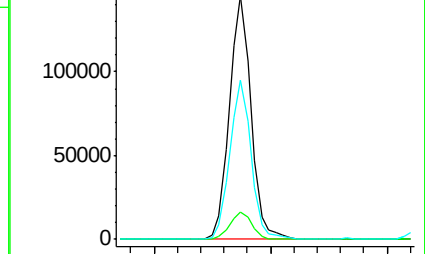
85 65.0 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VX001186.D (-1745) (-)

Ion 130.80 (130.50 to 131.50): VX001186.D (-1745) (-)

Ion 84.90 (84.60 to 85.60): VX001186.D (-1745) (-)



#76

1,2,3-Trichloropropane

Concen: 55.759 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001186.D

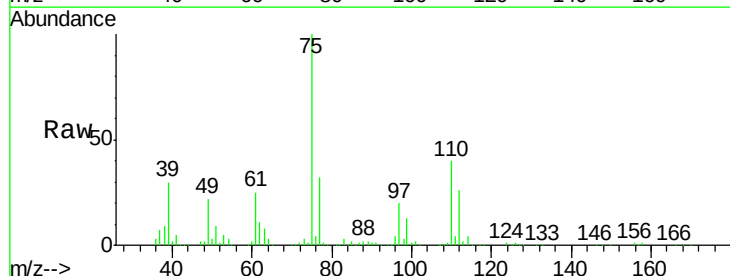
Acq: 27 Apr 2018 22:26

Tgt Ion: 75 Resp: 207301

Ion Ratio Lower Upper

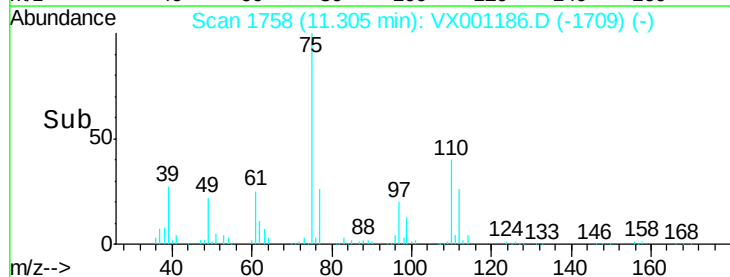
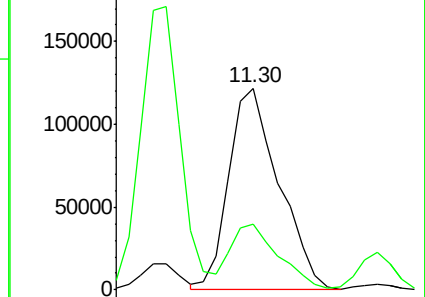
75 100

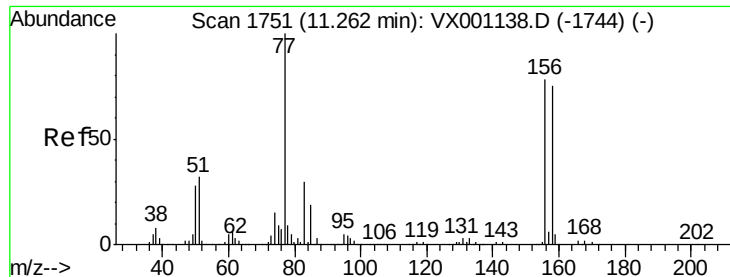
77 31.2 18.9 56.9



Abundance Ion 74.90 (74.60 to 75.60): VX001186.D (-1709) (-)

Ion 77.00 (76.70 to 77.70): VX001186.D (-1709) (-)





#77

Bromobenzene

Concen: 48.553 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001186.D

Acq: 27 Apr 2018 22:26

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

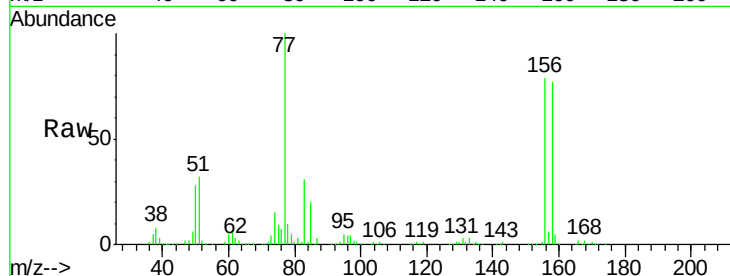
Tgt Ion:156 Resp: 171342

Ion Ratio Lower Upper

156 100

77 134.8 67.8 203.2

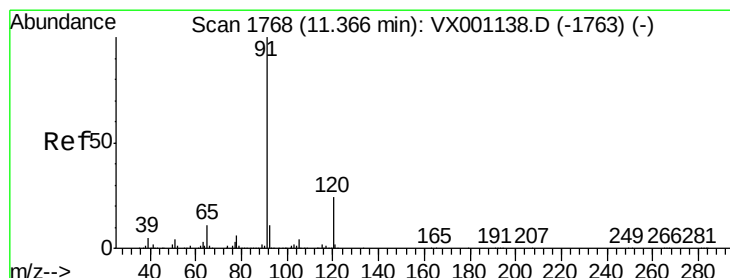
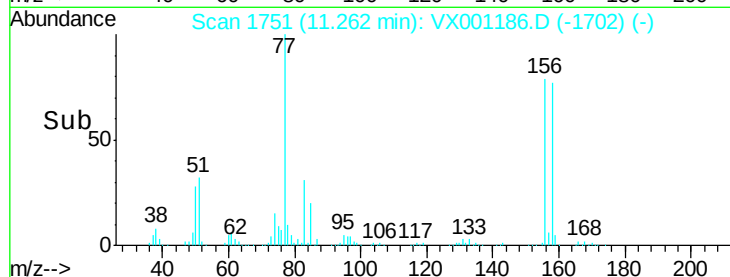
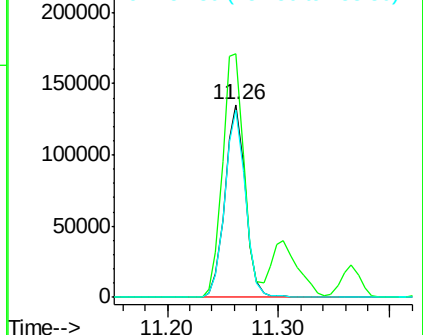
158 98.0 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.450 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001186.D

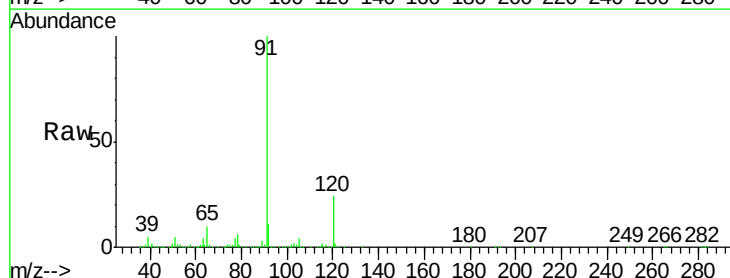
Acq: 27 Apr 2018 22:26

Tgt Ion: 91 Resp: 656184

Ion Ratio Lower Upper

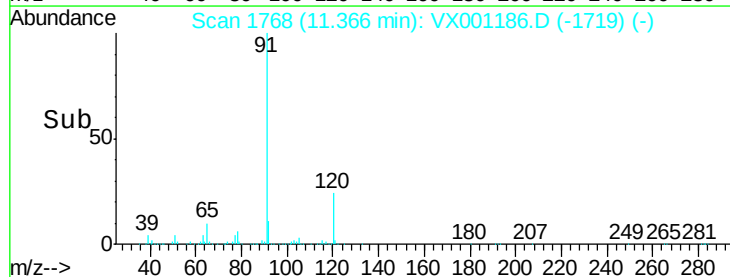
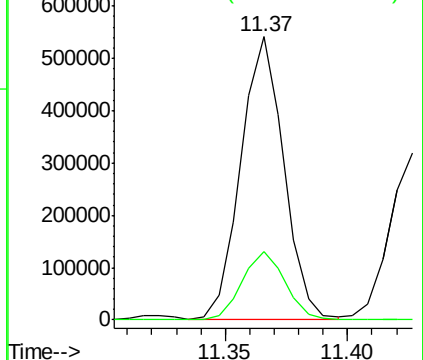
91 100

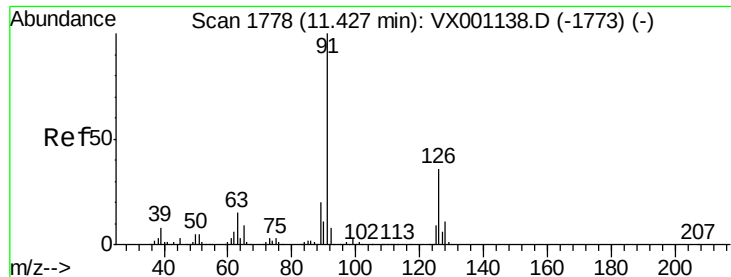
120 24.5 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.149 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001186.D

Acq: 27 Apr 2018 22:26

Instrument :

MSVOA\_X

ClientSampleId :

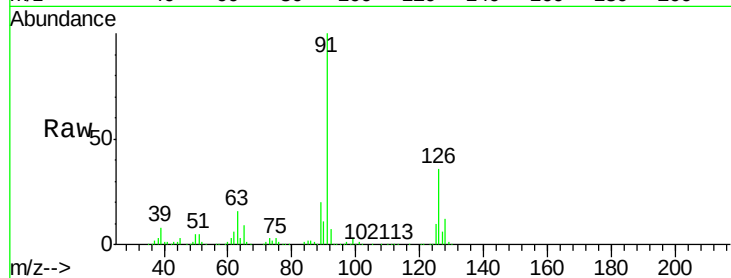
VSTDCCC050

Tgt Ion: 91 Resp: 396061

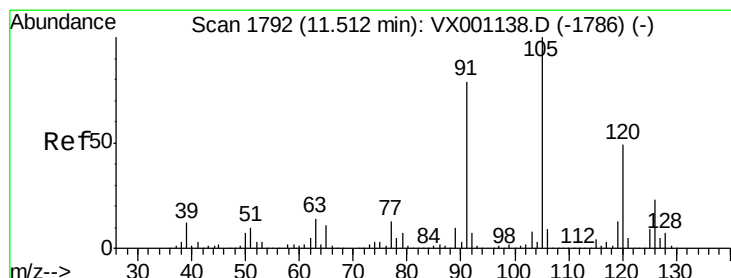
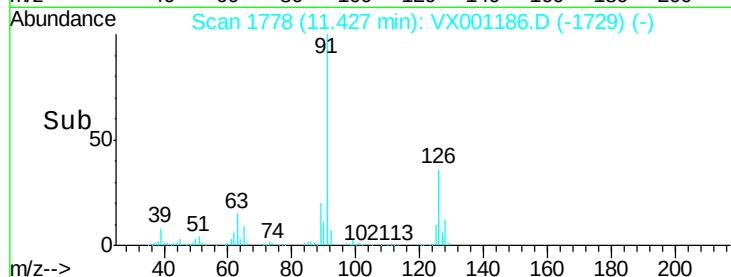
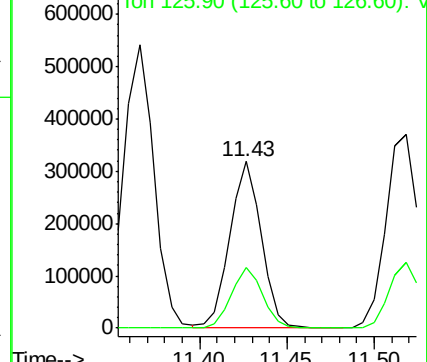
Ion Ratio Lower Upper

91 100

126 36.5 18.2 54.6



Abundance Ion 91.00 (90.70 to 91.70): VX001186.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.058 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001186.D

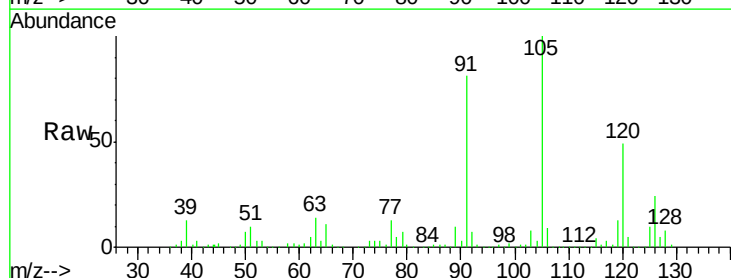
Acq: 27 Apr 2018 22:26

Tgt Ion: 105 Resp: 504360

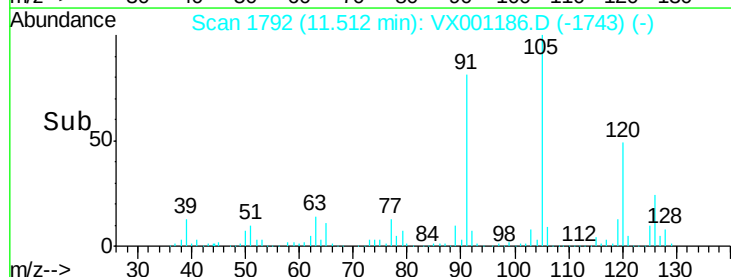
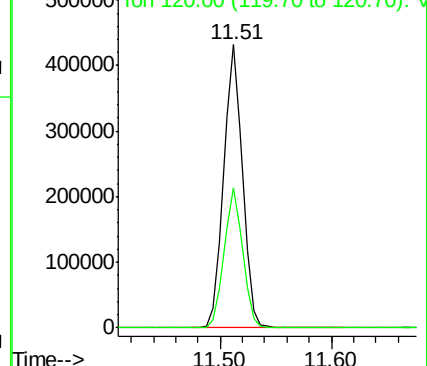
Ion Ratio Lower Upper

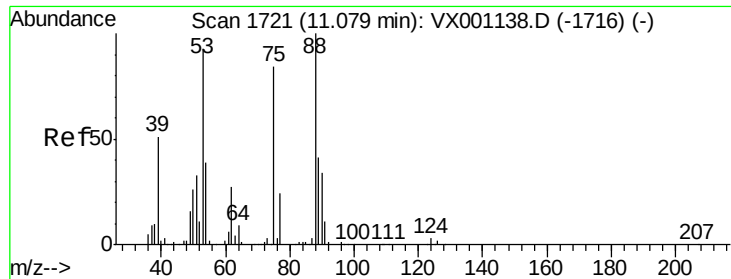
105 100

120 48.9 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VX001186.D (-1786) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 38.850 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001186.D

Acq: 27 Apr 2018 22:26

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

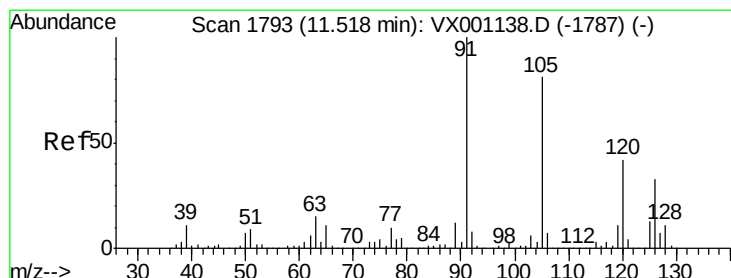
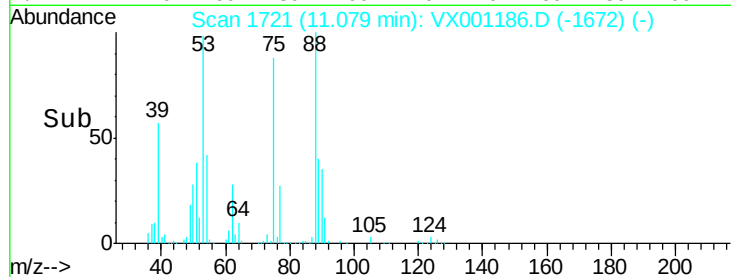
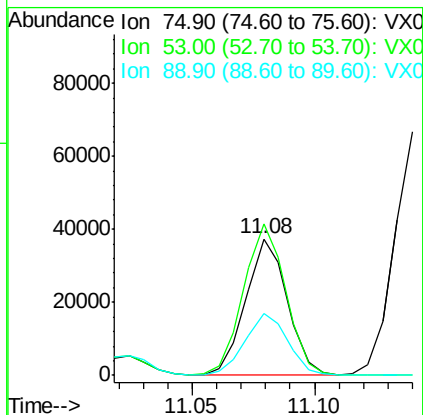
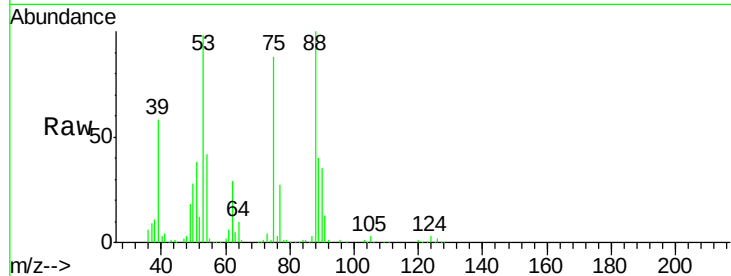
Tgt Ion: 75 Resp: 43928

Ion Ratio Lower Upper

75 100

53 113.1 87.9 131.9

89 46.9 37.7 56.5



#82

4-Chlorotoluene

Concen: 49.038 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001186.D

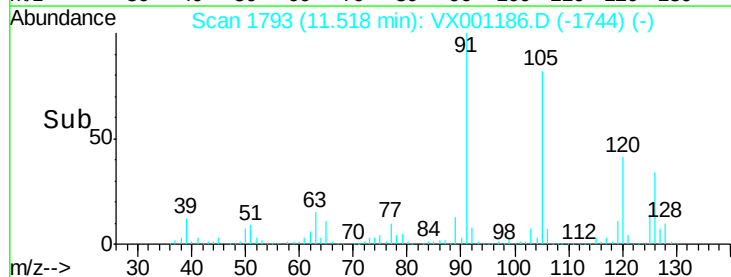
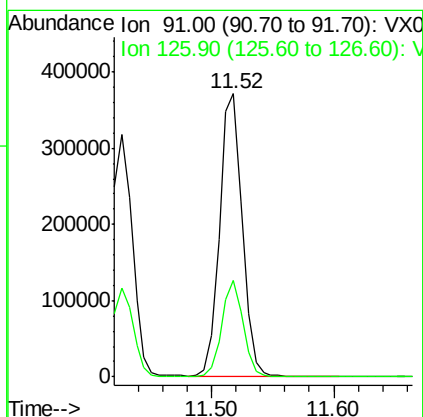
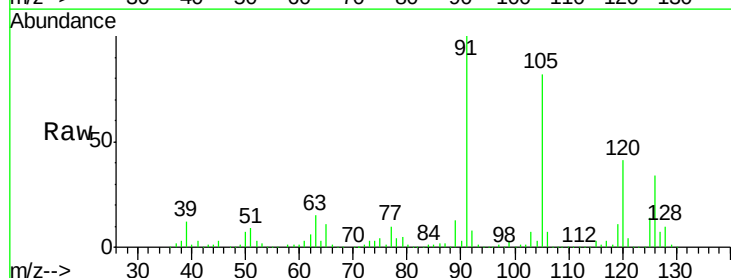
Acq: 27 Apr 2018 22:26

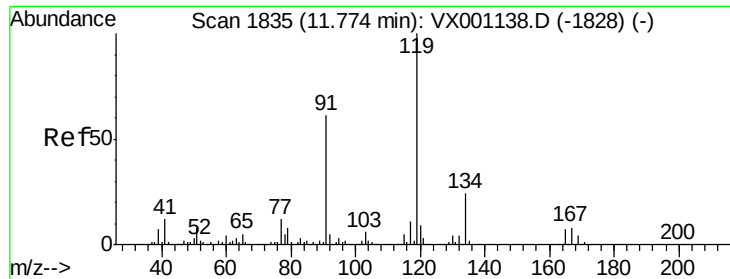
Tgt Ion: 91 Resp: 479460

Ion Ratio Lower Upper

91 100

126 32.0 15.8 47.4

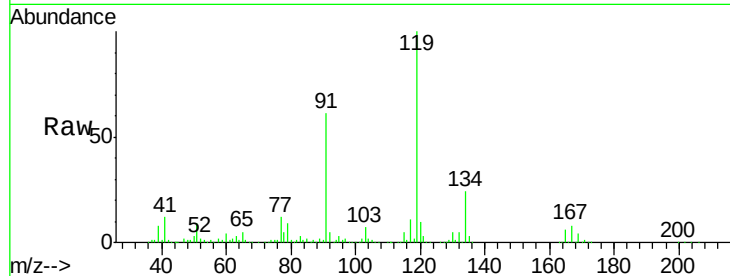




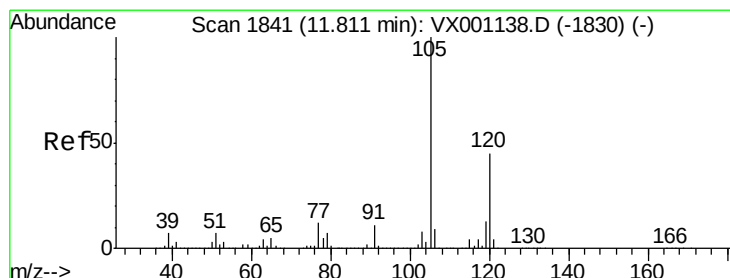
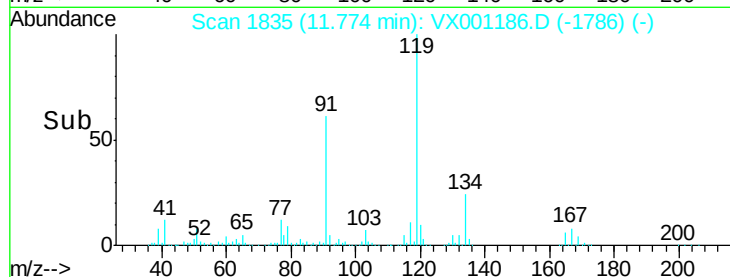
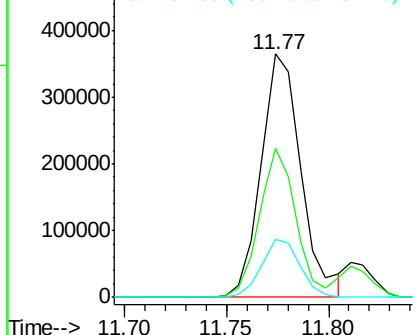
#83  
 tert-Butylbenzene  
 Concen: 49.546 ug/l  
 RT: 11.77 min Scan# 1835  
 Delta R.T. -0.00 min  
 Lab File: VX001186.D  
 Acq: 27 Apr 2018 22:26

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion:119 Resp: 498180  
 Ion Ratio Lower Upper  
 119 100  
 91 55.8 27.6 82.8  
 134 23.2 11.5 34.5

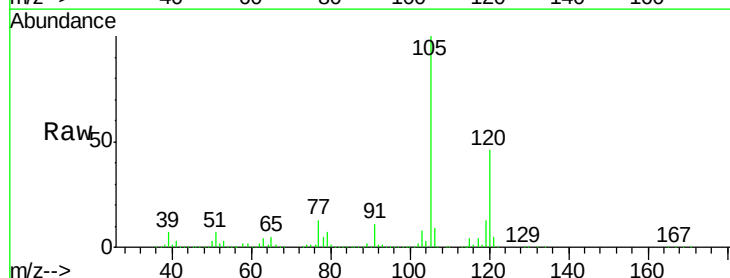


Abundance Ion 119.00 (118.70 to 119.70): V  
 Ion 91.00 (90.70 to 91.70): VX0  
 Ion 134.00 (133.70 to 134.70): V

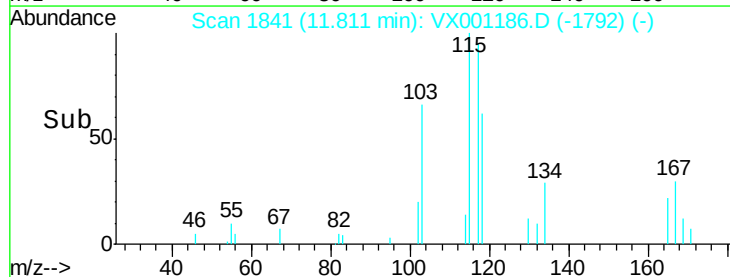
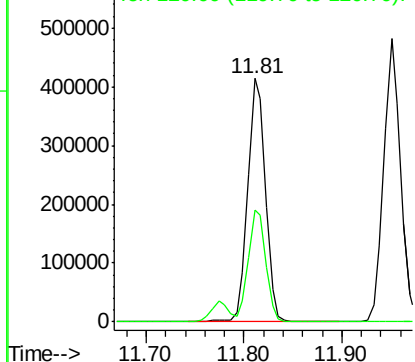


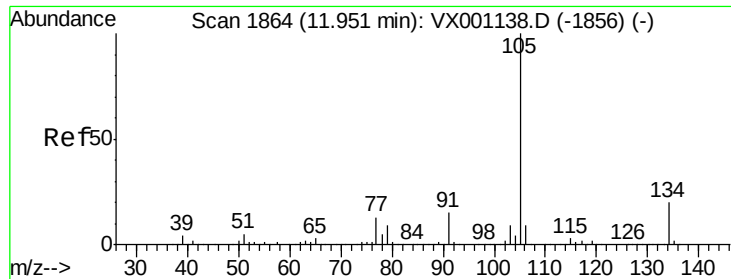
#84  
 1,2,4-Trimethylbenzene  
 Concen: 50.188 ug/l  
 RT: 11.81 min Scan# 1841  
 Delta R.T. -0.00 min  
 Lab File: VX001186.D  
 Acq: 27 Apr 2018 22:26

Tgt Ion:105 Resp: 519755  
 Ion Ratio Lower Upper  
 105 100  
 120 45.6 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V  
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.046 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001186.D

Acq: 27 Apr 2018 22:26

Instrument :

MSVOA\_X

ClientSampleId :

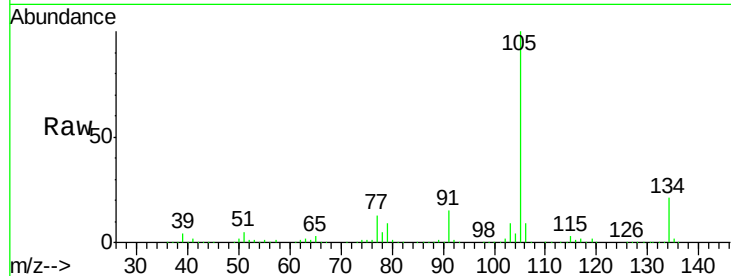
VSTDCCC050

Tgt Ion:105 Resp: 576079

Ion Ratio Lower Upper

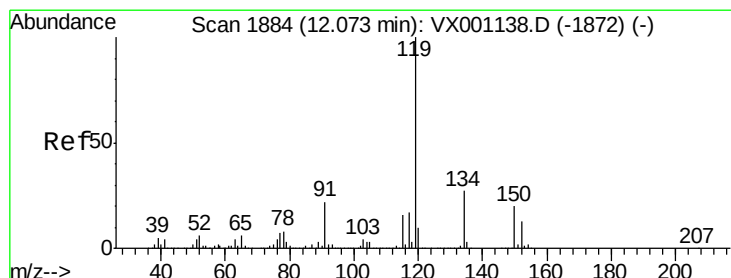
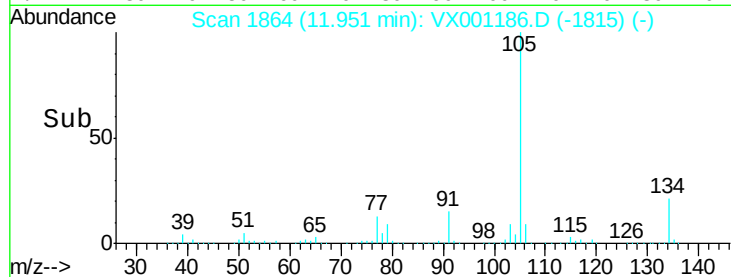
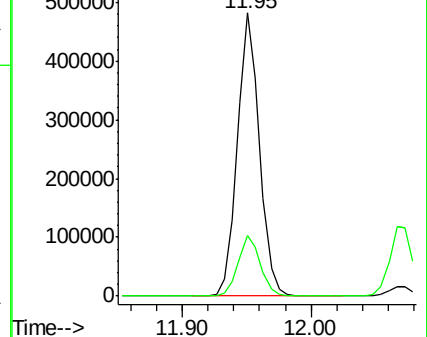
105 100

134 21.3 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.291 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001186.D

Acq: 27 Apr 2018 22:26

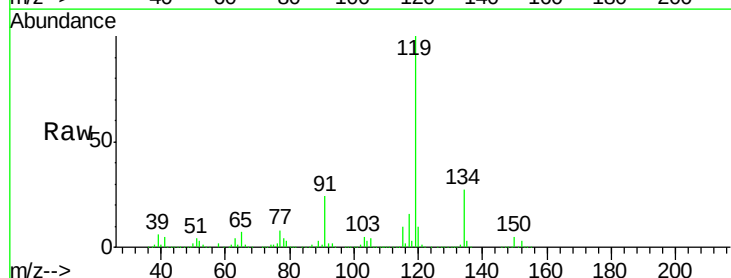
Tgt Ion:119 Resp: 538578

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

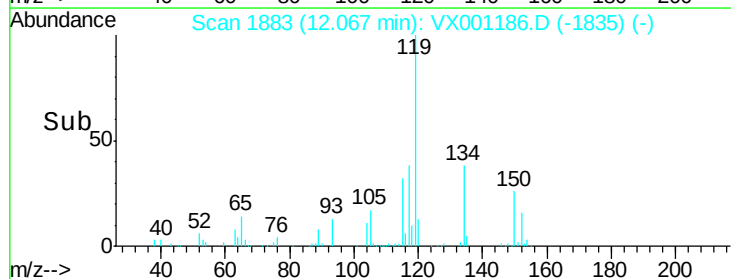
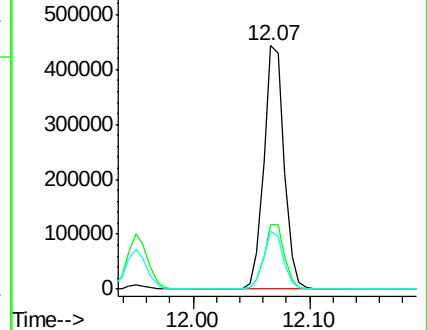
91 23.3 11.6 34.8

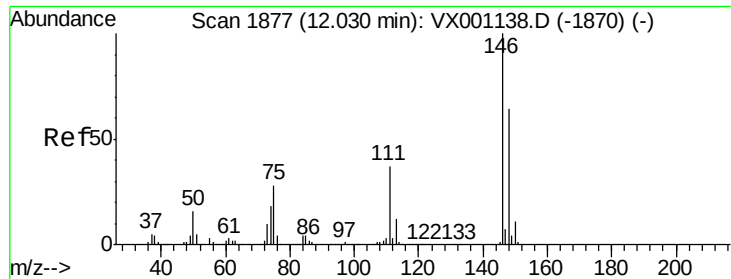


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 49.162 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX001186.D

Acq: 27 Apr 2018 22:26

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

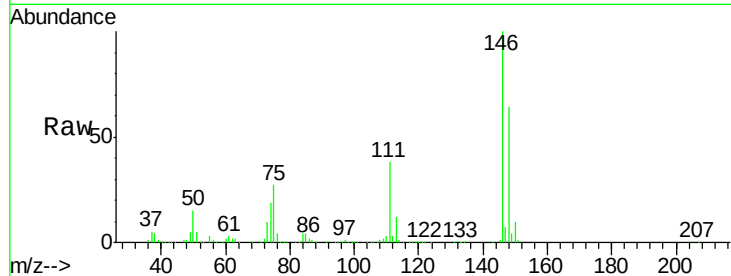
Tgt Ion:146 Resp: 311463

Ion Ratio Lower Upper

146 100

111 37.1 18.6 56.0

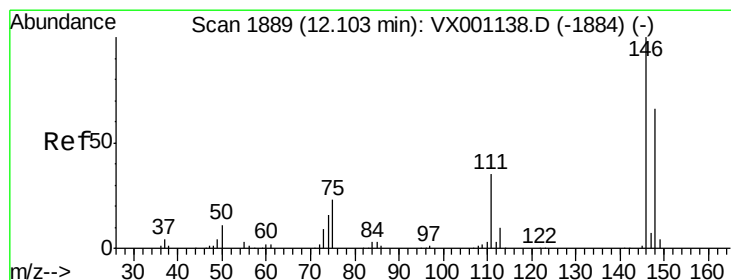
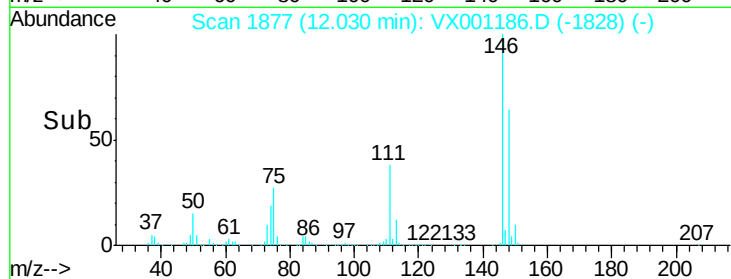
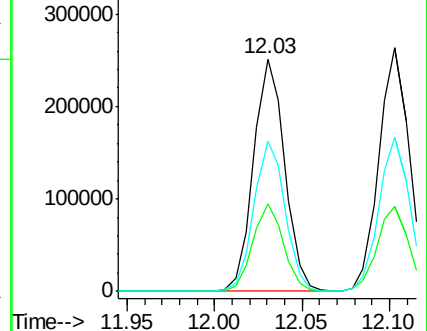
148 64.6 32.3 96.8



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: 48.492 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX001186.D

Acq: 27 Apr 2018 22:26

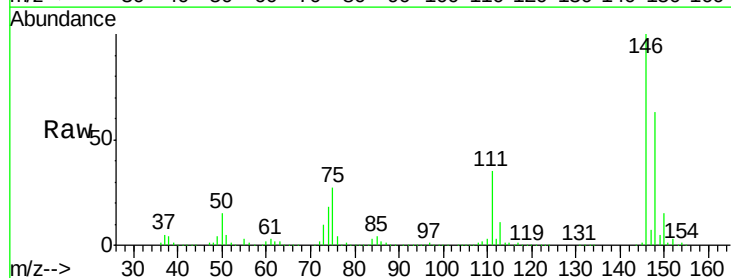
Tgt Ion:146 Resp: 320086

Ion Ratio Lower Upper

146 100

111 36.0 18.0 54.0

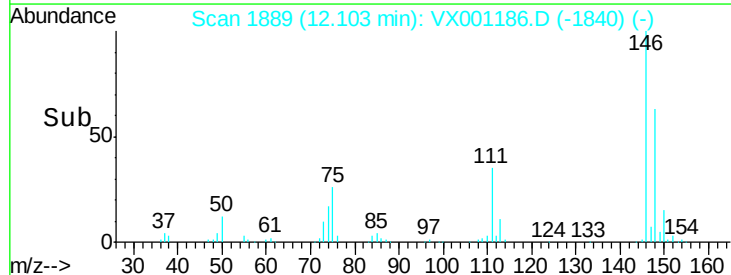
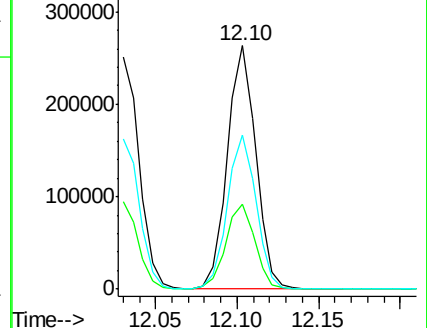
148 63.9 32.5 97.5



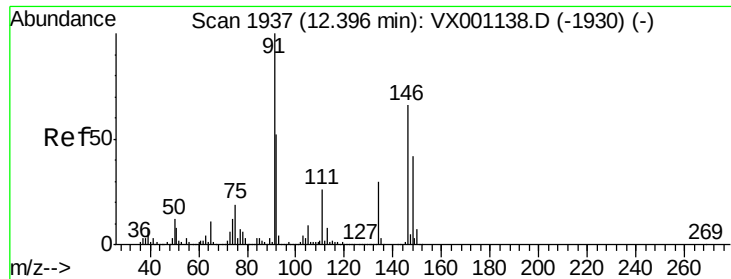
Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V







#89

n-Butylbenzene

Concen: 48.579 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001186.D

Acq: 27 Apr 2018 22:26

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

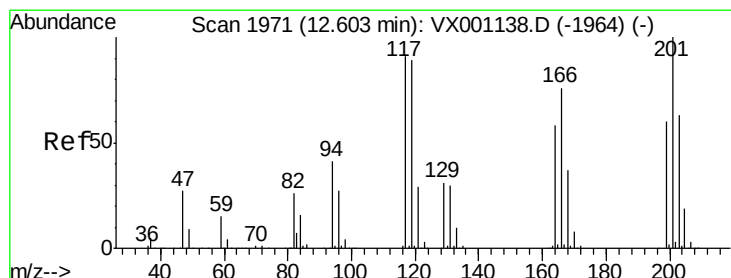
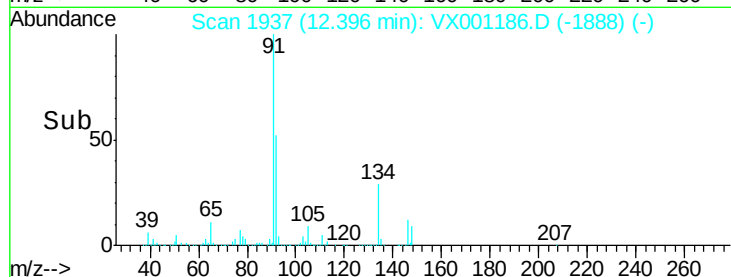
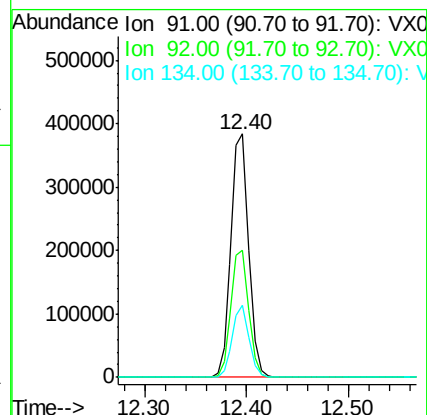
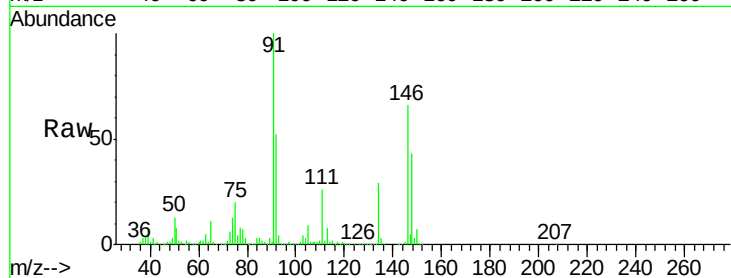
Tgt Ion: 91 Resp: 459407

Ion Ratio Lower Upper

91 100

92 52.4 26.2 78.6

134 28.0 14.1 42.3



#90

Hexachloroethane

Concen: 44.380 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001186.D

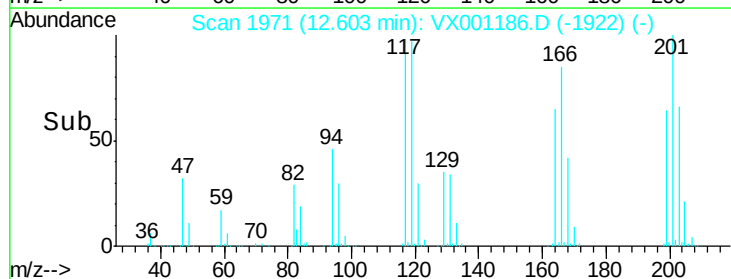
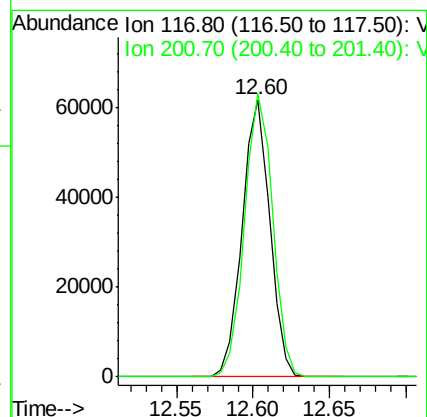
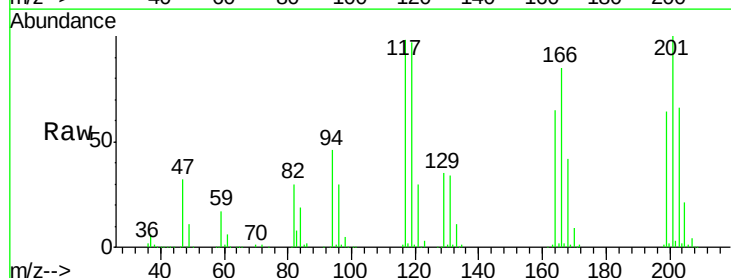
Acq: 27 Apr 2018 22:26

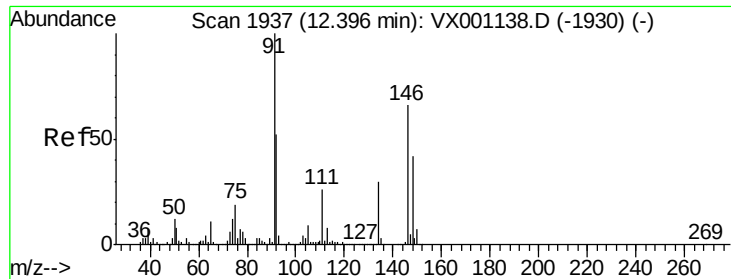
Tgt Ion: 117 Resp: 77535

Ion Ratio Lower Upper

117 100

201 103.7 51.8 155.4

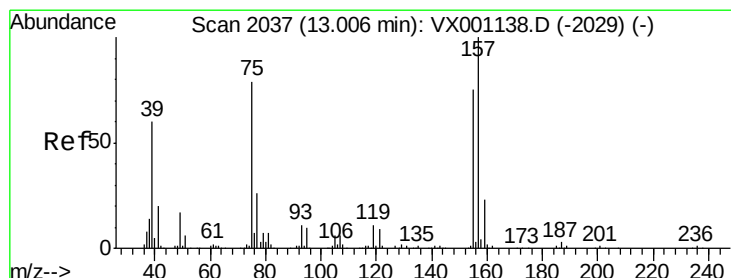
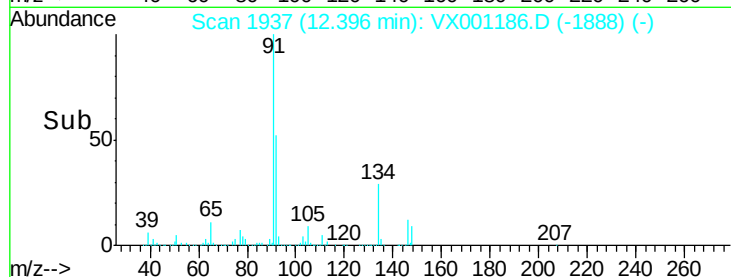
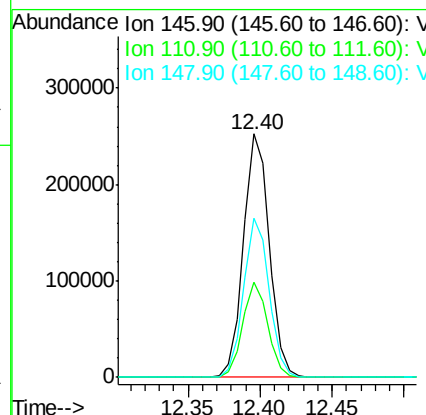
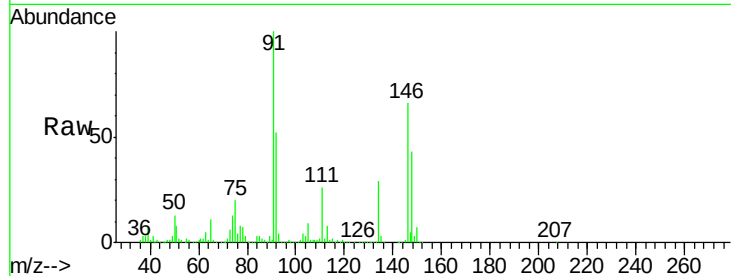




#91  
 1,2-Dichlorobenzene  
 Concen: 49.138 ug/l  
 RT: 12.40 min Scan# 1937  
 Delta R.T. -0.00 min  
 Lab File: VX001186.D  
 Acq: 27 Apr 2018 22:26

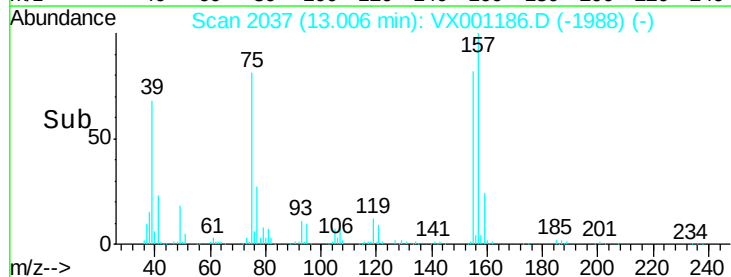
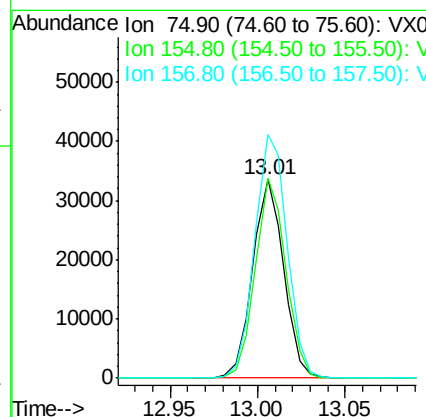
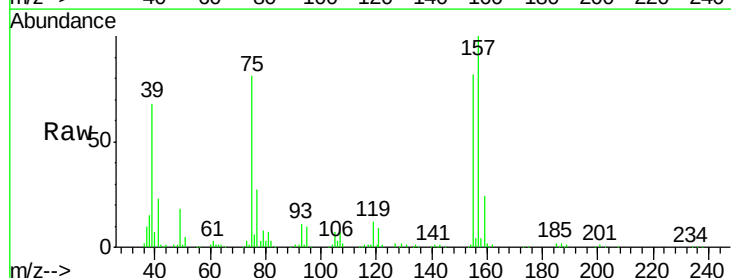
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

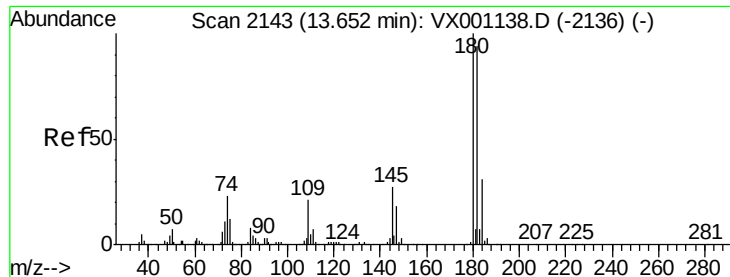
Tgt Ion:146 Resp: 314644  
 Ion Ratio Lower Upper  
 146 100  
 111 38.1 19.1 57.3  
 148 64.6 32.2 96.6



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 47.384 ug/l  
 RT: 13.01 min Scan# 2037  
 Delta R.T. -0.00 min  
 Lab File: VX001186.D  
 Acq: 27 Apr 2018 22:26

Tgt Ion: 75 Resp: 41289  
 Ion Ratio Lower Upper  
 75 100  
 155 99.1 48.4 145.3  
 157 127.9 62.7 188.1

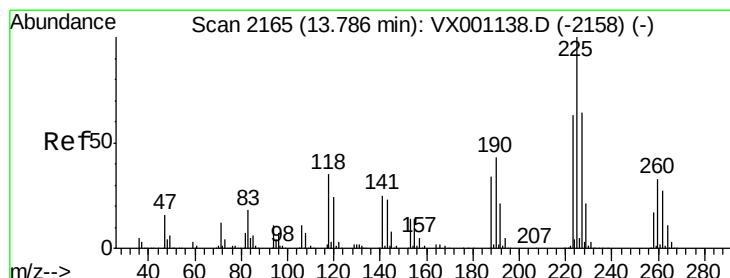
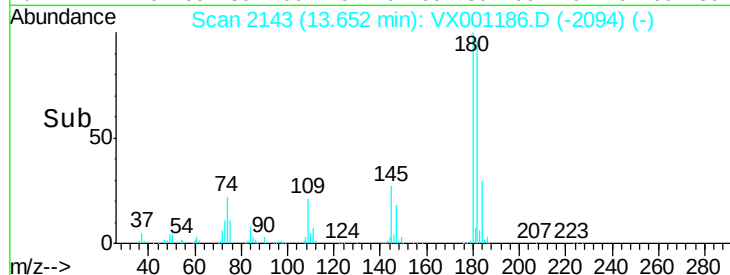
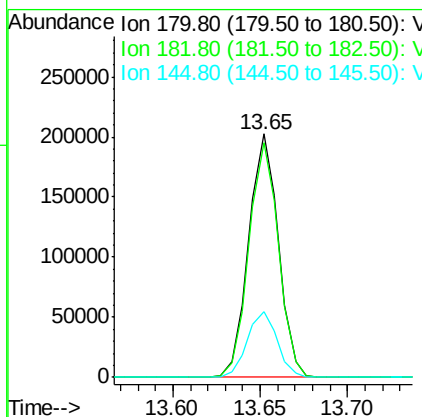
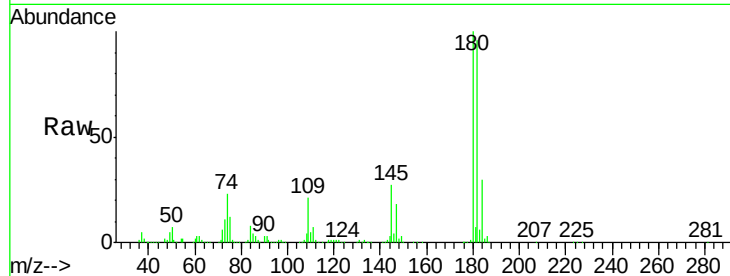




#93  
 1,2,4-Trichlorobenzene  
 Concen: 47.628 ug/l  
 RT: 13.65 min Scan# 2143  
 Delta R.T. -0.00 min  
 Lab File: VX001186.D  
 Acq: 27 Apr 2018 22:26

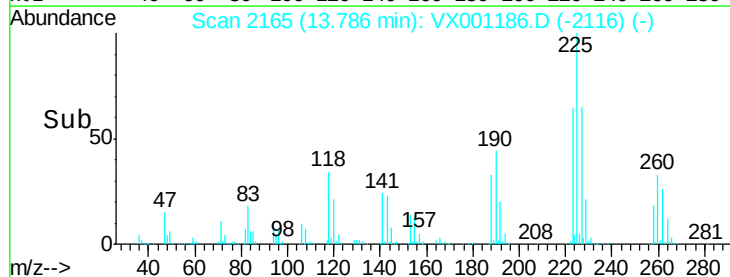
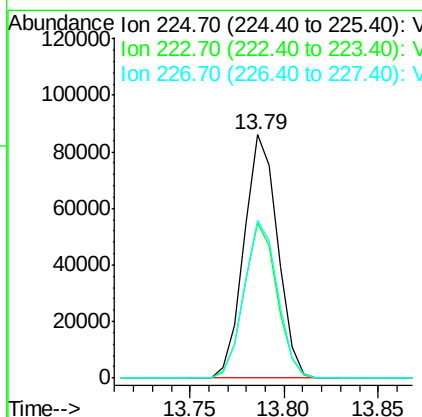
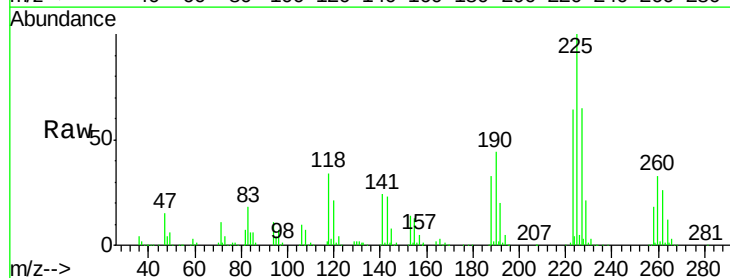
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

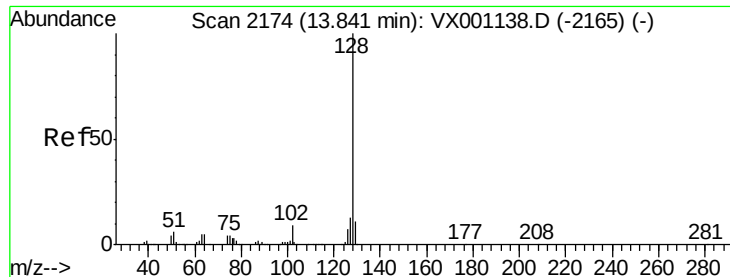
Tgt Ion:180 Resp: 239082  
 Ion Ratio Lower Upper  
 180 100  
 182 96.0 47.9 143.6  
 145 27.3 13.8 41.4



#94  
 Hexachlorobutadiene  
 Concen: 45.061 ug/l  
 RT: 13.79 min Scan# 2165  
 Delta R.T. -0.00 min  
 Lab File: VX001186.D  
 Acq: 27 Apr 2018 22:26

Tgt Ion:225 Resp: 106326  
 Ion Ratio Lower Upper  
 225 100  
 223 62.5 31.3 93.9  
 227 64.6 32.2 96.6

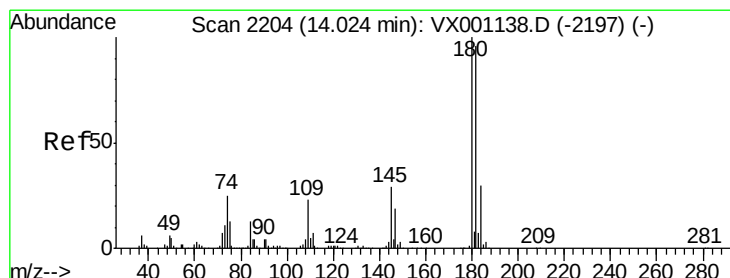
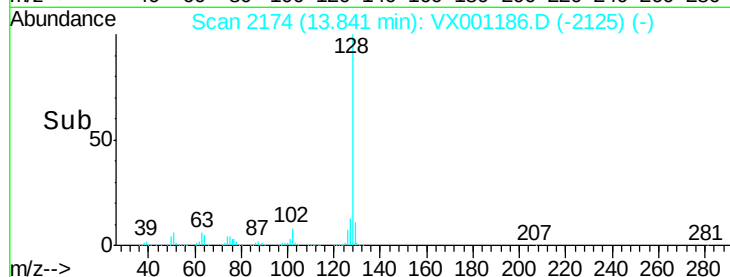
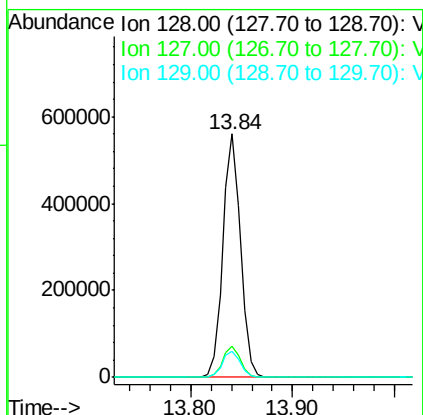
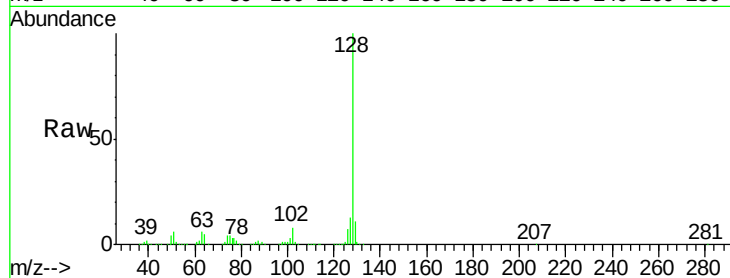




#95  
Naphthalene  
Concen: 48.125 ug/l  
RT: 13.84 min Scan# 2174  
Delta R.T. -0.00 min  
Lab File: VX001186.D  
Acq: 27 Apr 2018 22:26

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion:128 Resp: 673088  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.6 15.8  
129 11.0 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 47.684 ug/l  
RT: 14.02 min Scan# 2204  
Delta R.T. -0.00 min  
Lab File: VX001186.D  
Acq: 27 Apr 2018 22:26

Tgt Ion:180 Resp: 238198  
Ion Ratio Lower Upper  
180 100  
182 97.1 48.2 144.6  
145 29.3 14.5 43.5

