

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092618\  
 Data File : VX004737.D  
 Acq On : 26 Sep 2018 20:09  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Sep 27 01:14:30 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X092618W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 26 14:17:02 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.66  | 168  | 266604   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 376926   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 356273   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 216389   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 191953   | 50.40 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.80% |          |
| 35) Dibromofluoromethane    | 5.50  | 113  | 160811   | 50.34 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.68% |          |
| 50) Toluene-d8              | 8.72  | 98   | 557557   | 52.50 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 105.00% |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 205994   | 53.84 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 107.68% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85   | 209406   | 57.607  | ug/l   | 97     |
| 3) Chloromethane              | 1.32 | 50   | 241272   | 54.708  | ug/l   | 93     |
| 4) Vinyl Chloride             | 1.40 | 62   | 213181   | 51.538  | ug/l   | 100    |
| 5) Bromomethane               | 1.64 | 94   | 127276   | 51.890  | ug/l   | 100    |
| 6) Chloroethane               | 1.71 | 64   | 136828   | 61.221  | ug/l   | 97     |
| 7) Trichlorofluoromethane     | 1.92 | 101  | 267380   | 52.215  | ug/l   | 94     |
| 8) Diethyl Ether              | 2.19 | 74   | 109774   | 49.345  | ug/l   | 87     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101  | 155413   | 53.280  | ug/l   | 99     |
| 10) Methyl Iodide             | 2.51 | 142  | 207853   | 53.250  | ug/l   | 99     |
| 11) Tert butyl alcohol        | 3.08 | 59   | 281117   | 263.990 | ug/l   | 100    |
| 12) 1,1-Dichloroethene        | 2.37 | 96   | 149971   | 51.915  | ug/l   | 95     |
| 13) Acrolein                  | 2.29 | 56   | 176721   | 233.247 | ug/l   | 92     |
| 14) Allyl chloride            | 2.73 | 41   | 339887   | 53.925  | ug/l   | 92     |
| 15) Acrylonitrile             | 3.15 | 53   | 628242   | 267.999 | ug/l   | 98     |
| 16) Acetone                   | 2.45 | 43   | 540876   | 243.261 | ug/l   | 95     |
| 17) Carbon Disulfide          | 2.56 | 76   | 448797   | 51.703  | ug/l   | 98     |
| 18) Methyl Acetate            | 2.78 | 43   | 291689   | 51.779  | ug/l   | 94     |
| 19) Methyl tert-butyl Ether   | 3.20 | 73   | 522216   | 52.409  | ug/l # | 90     |
| 20) Methylene Chloride        | 2.85 | 84   | 176255   | 54.598  | ug/l   | 94     |
| 21) trans-1,2-Dichloroethene  | 3.16 | 96   | 156821   | 49.592  | ug/l   | 93     |
| 22) Diisopropyl ether         | 3.88 | 45   | 592481   | 55.822  | ug/l   | 96     |
| 23) Vinyl Acetate             | 3.82 | 43   | 2660244  | 273.819 | ug/l # | 93     |
| 24) 1,1-Dichloroethane        | 3.70 | 63   | 313921   | 49.583  | ug/l   | 96     |
| 25) 2-Butanone                | 4.71 | 43   | 854384   | 260.688 | ug/l   | 93     |
| 26) 2,2-Dichloropropane       | 4.59 | 77   | 220182   | 49.942  | ug/l   | 96     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96   | 184746   | 52.297  | ug/l   | 99     |
| 28) Bromochloromethane        | 5.01 | 49   | 145215   | 48.706  | ug/l   | 90     |
| 29) Tetrahydrofuran           | 5.15 | 42   | 574116   | 281.839 | ug/l   | 91     |
| 30) Chloroform                | 5.21 | 83   | 297069   | 49.647  | ug/l   | 96     |
| 31) Cyclohexane               | 5.57 | 56   | 288571   | 59.552  | ug/l # | 86     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97   | 256445   | 52.478  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 5.81 | 75   | 222348   | 51.015  | ug/l   | 99     |
| 37) Ethyl Acetate             | 4.86 | 43   | 305740   | 52.846  | ug/l   | 99     |
| 38) Carbon Tetrachloride      | 5.79 | 117  | 225481   | 49.215  | ug/l   | 87     |

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 Acq On : 26 Sep 2018 20:09  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Sep 27 01:14:30 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X092618W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 26 14:17:02 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 246916   | 55.481   | ug/l   | 95       |
| 40) Benzene                    | 6.15  | 78   | 731106   | 53.580   | ug/l   | 93       |
| 41) Methacrylonitrile          | 5.06  | 41   | 174648   | 54.433   | ug/l   | 94       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 249108   | 51.643   | ug/l   | 97       |
| 43) Isopropyl Acetate          | 6.46  | 43   | 431449   | 51.668   | ug/l   | 98       |
| 44) Trichloroethene            | 7.21  | 130  | 173574   | 51.746   | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 169631   | 50.694   | ug/l   | 99       |
| 46) Dibromomethane             | 7.66  | 93   | 109773   | 52.199   | ug/l   | 97       |
| 47) Bromodichloromethane       | 7.90  | 83   | 209080   | 53.103   | ug/l   | 98       |
| 48) Methyl methacrylate        | 7.78  | 41   | 220738   | 58.240   | ug/l   | 93       |
| 49) 1,4-Dioxane                | 7.76  | 88   | 102808   | 1091.823 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 1503045  | 285.869  | ug/l   | 95       |
| 52) Toluene                    | 8.79  | 92   | 395716   | 52.778   | ug/l   | 96       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 239074   | 53.733   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 8.44  | 75   | 255776   | 54.884   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 9.22  | 97   | 164572   | 50.109   | ug/l   | 97       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 262778   | 49.346   | ug/l   | 95       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 275226   | 50.352   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.32  | 63   | 749791   | 264.105  | ug/l   | 94       |
| 59) 2-Hexanone                 | 9.50  | 43   | 1196622  | 273.112  | ug/l   | 93       |
| 60) Dibromochloromethane       | 9.59  | 129  | 169670   | 51.658   | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.68  | 107  | 170569   | 48.495   | ug/l   | 100      |
| 64) Tetrachloroethene          | 9.34  | 164  | 165605   | 47.228   | ug/l   | 98       |
| 65) Chlorobenzene              | 10.14 | 112  | 440054   | 48.168   | ug/l   | 95       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.23 | 131  | 159201   | 49.568   | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.26 | 91   | 754899   | 52.047   | ug/l   | 98       |
| 68) m/p-Xylenes                | 10.36 | 106  | 590522   | 104.188  | ug/l   | 96       |
| 69) o-Xylene                   | 10.70 | 106  | 280930   | 53.964   | ug/l   | 96       |
| 70) Styrene                    | 10.71 | 104  | 479041   | 49.234   | ug/l   | 97       |
| 71) Bromoform                  | 10.86 | 173  | 139669   | 50.795   | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 753875   | 55.272   | ug/l   | 99       |
| 74) N-amyl acetate             | 10.90 | 43   | 376624   | 50.230   | ug/l   | 93       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 270652   | 48.748   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 316022   | 65.158   | ug/l   | 89       |
| 77) Bromobenzene               | 11.26 | 156  | 201988   | 50.986   | ug/l   | 97       |
| 78) n-propylbenzene            | 11.36 | 91   | 868328   | 55.486   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 524640   | 53.784   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 644281   | 51.545   | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-buten | 11.08 | 75   | 81131    | 45.797   | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 617329   | 53.767   | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 621197   | 55.318   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 665122   | 51.599   | ug/l   | 98       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 756104   | 55.278   | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 679953   | 54.868   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 12.03 | 146  | 371079   | 50.163   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 376861   | 49.351   | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.39 | 91   | 608804   | 54.093   | ug/l   | 97       |
| 90) Hexachloroethane           | 12.60 | 117  | 103385   | 50.106   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 12.40 | 146  | 377393   | 48.817   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 62774    | 51.493   | ug/l   | 94       |

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Data File : VX004737.D  
Acq On : 26 Sep 2018 20:09  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 18 Sample Multiplier: 1

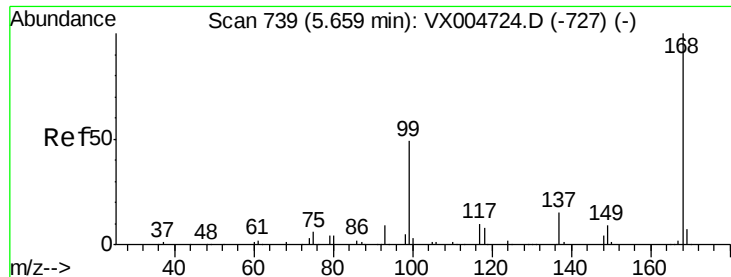
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Sep 27 01:14:30 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X092618W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 26 14:17:02 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 279965   | 51.626 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.79 | 225  | 134220   | 47.729 | ug/l  | 97       |
| 95) Naphthalene            | 13.83 | 128  | 915693   | 50.861 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 285672   | 50.995 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX004737.D

Acq: 26 Sep 2018 20:09

Instrument :

MSVOA\_X

ClientSampleId :

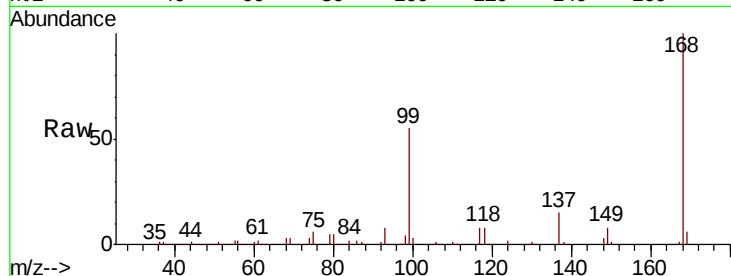
VSTDCCC050EC

Tot Ion:168 Resp: 266604

Ion Ratio Lower Upper

168 100

99 54.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

60000

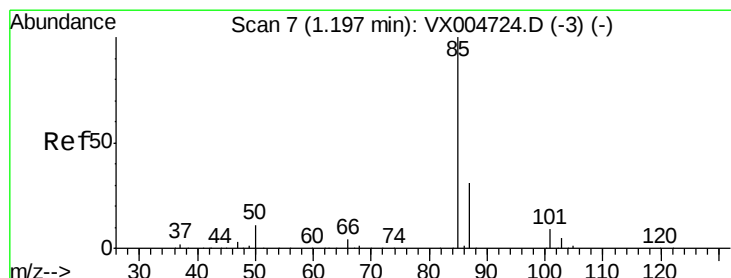
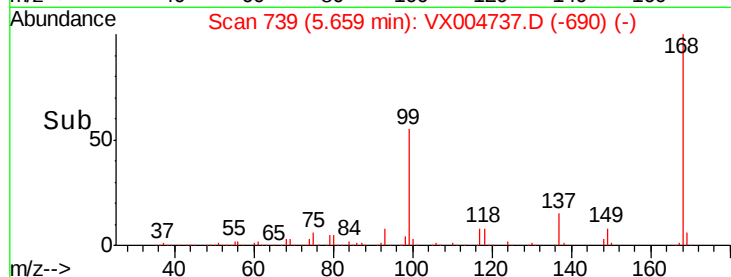
40000

20000

0

Time-->

5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 57.607 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX004737.D

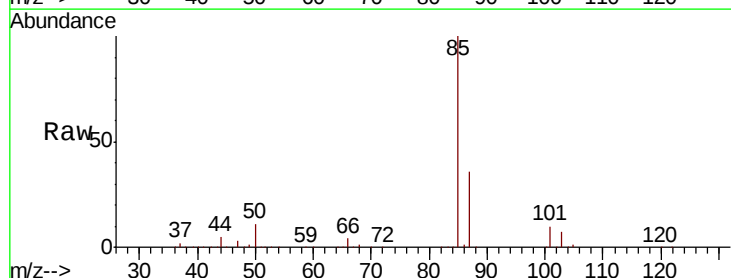
Acq: 26 Sep 2018 20:09

Tgt Ion: 85 Resp: 209406

Ion Ratio Lower Upper

85 100

87 35.6 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200000

150000

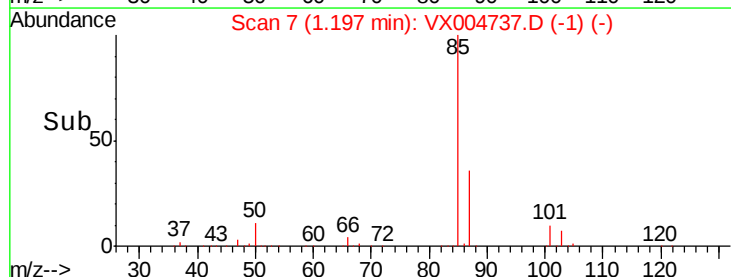
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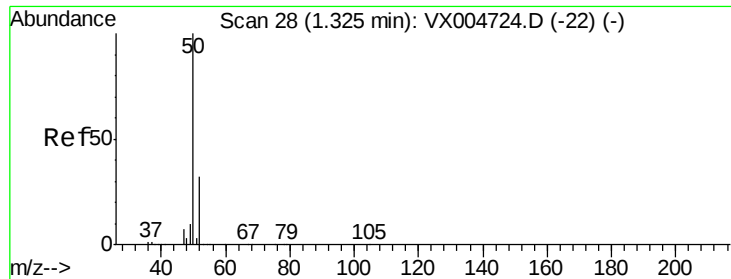
50000

0

Time-->

1.20 1.30





#3

Chloromethane

Concen: 54.708 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX004737.D

Acq: 26 Sep 2018 20:09

Instrument :

MSVOA\_X

ClientSampleId :

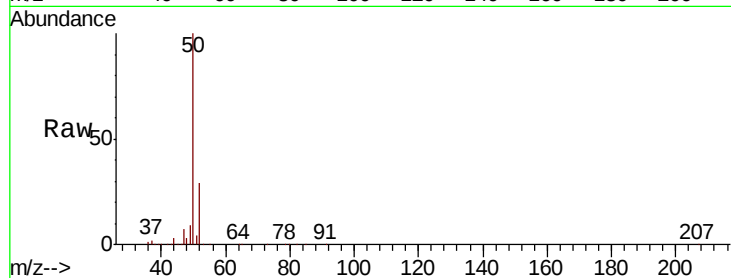
VSTDCCC050EC

Tot Ion: 50 Resp: 241272

Ion Ratio Lower Upper

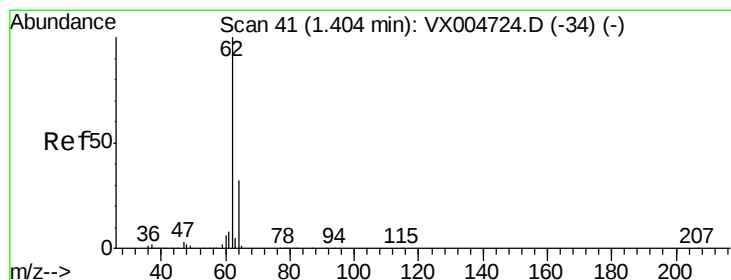
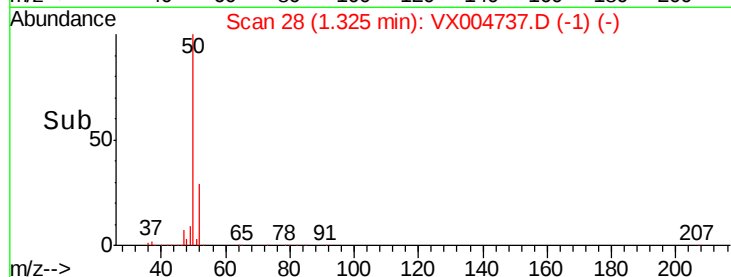
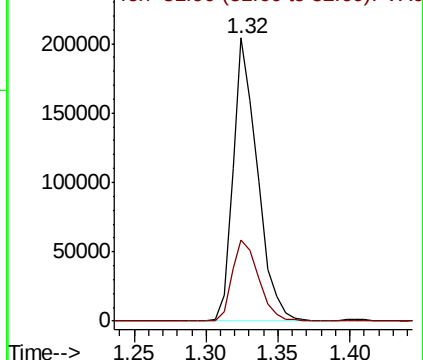
50 100

52 28.9 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 51.538 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004737.D

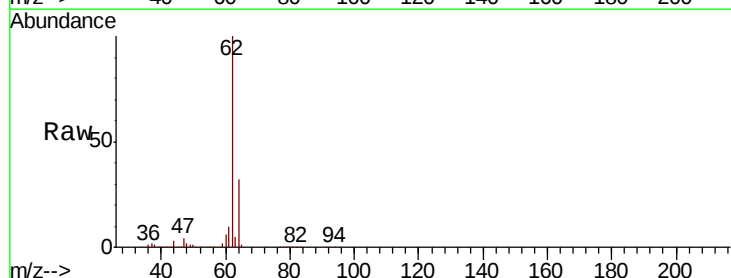
Acq: 26 Sep 2018 20:09

Tgt Ion: 62 Resp: 213181

Ion Ratio Lower Upper

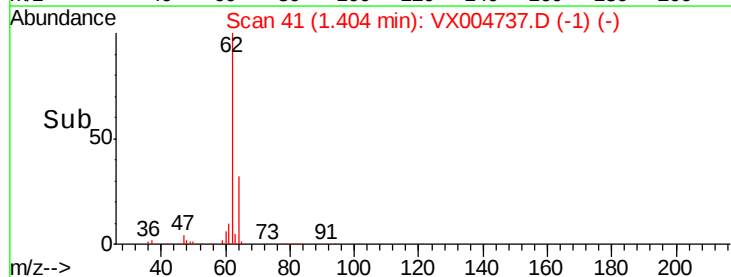
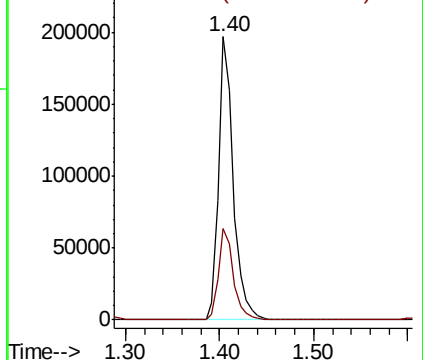
62 100

64 32.1 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 51.890 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004737.D

Acq: 26 Sep 2018 20:09

Instrument :

MSVOA\_X

ClientSampleId :

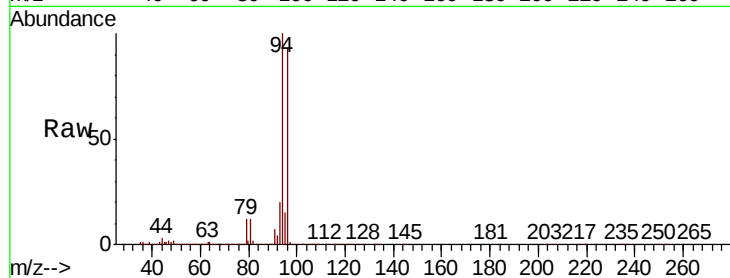
VSTDCCC050EC

Tot Ion: 94 Resp: 127276

Ion Ratio Lower Upper

94 100

96 93.2 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

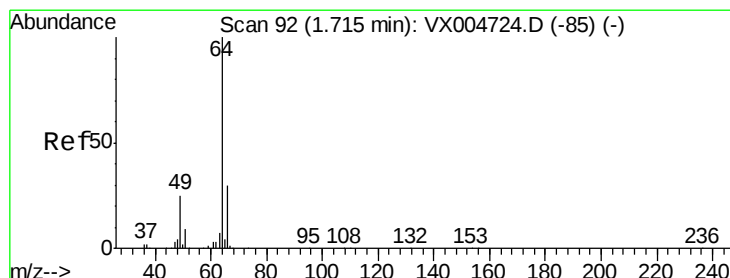
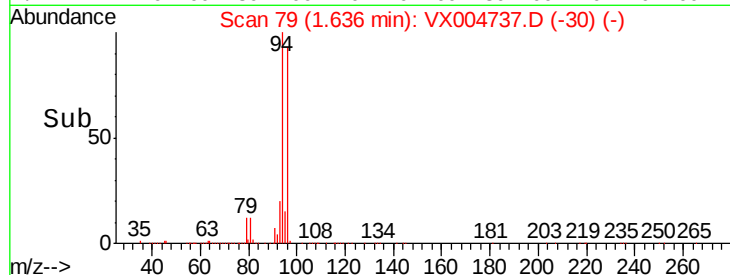
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 61.221 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX004737.D

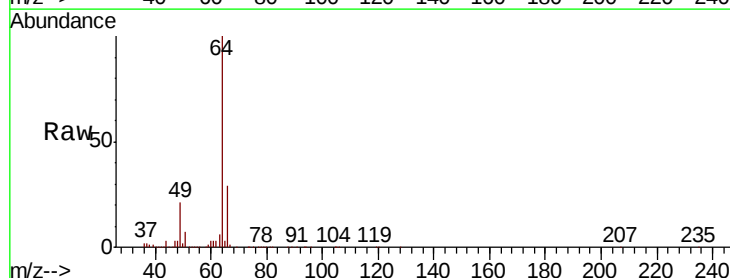
Acq: 26 Sep 2018 20:09

Tgt Ion: 64 Resp: 136828

Ion Ratio Lower Upper

64 100

66 28.9 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

120000

100000

80000

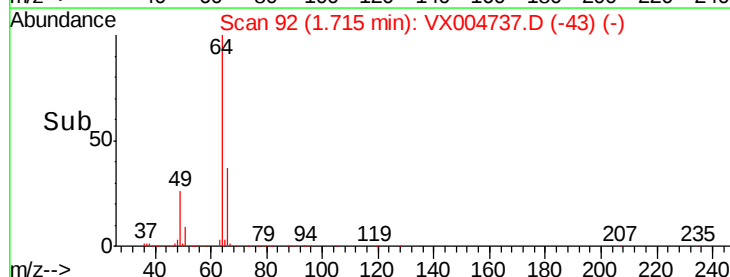
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40000

20000

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Time-->



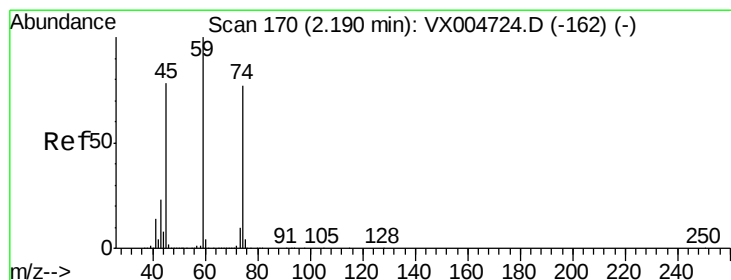
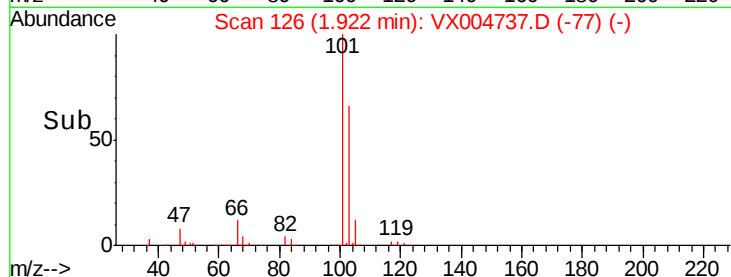
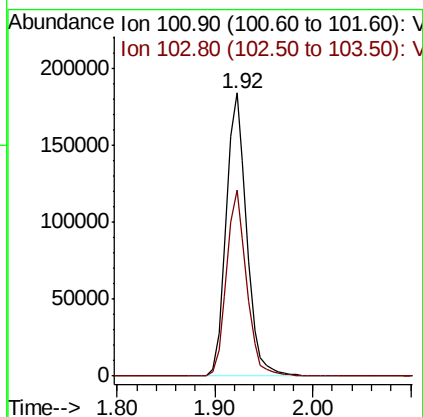
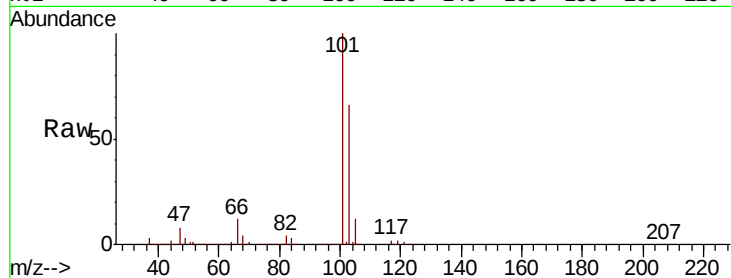


#7

Trichlorofluoromethane  
Concen: 52.215 ug/l  
RT: 1.92 min Scan# 126  
Delta R.T. 0.00 min  
Lab File: VX004737.D  
Acq: 26 Sep 2018 20:09

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

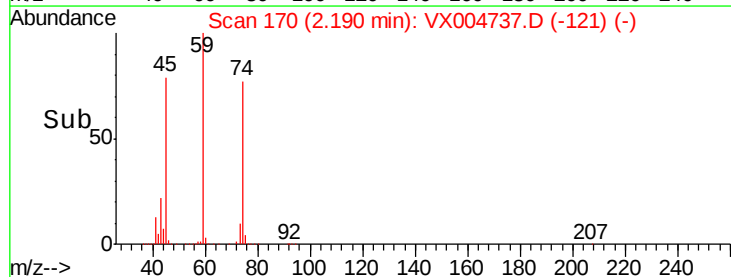
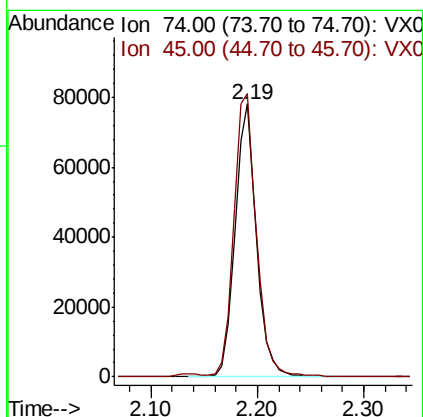
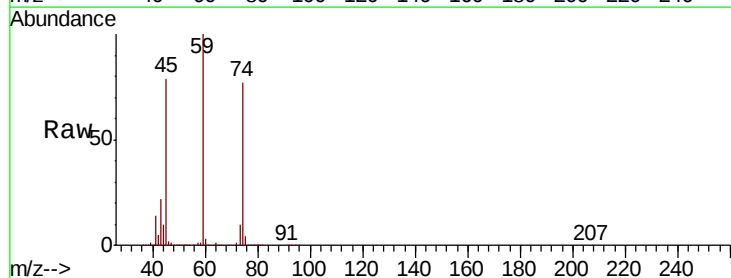
Tot Ion:101 Resp: 267380  
Ion Ratio Lower Upper  
101 100  
103 65.6 48.9 73.3



#8

Diethyl Ether  
Concen: 49.345 ug/l  
RT: 2.19 min Scan# 170  
Delta R.T. 0.00 min  
Lab File: VX004737.D  
Acq: 26 Sep 2018 20:09

Tgt Ion: 74 Resp: 109774  
Ion Ratio Lower Upper  
74 100  
45 108.8 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.280 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX004737.D

Acq: 26 Sep 2018 20:09

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

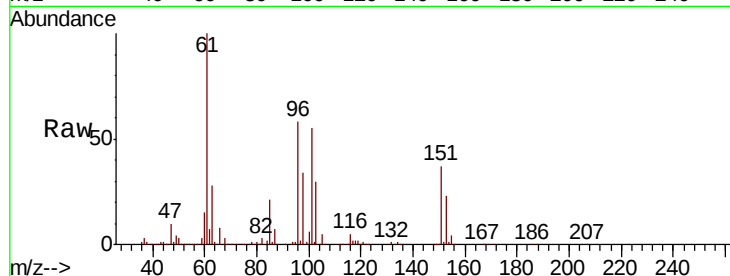
Tot Ion:101 Resp: 155413

Ion Ratio Lower Upper

101 100

85 42.3 34.2 51.4

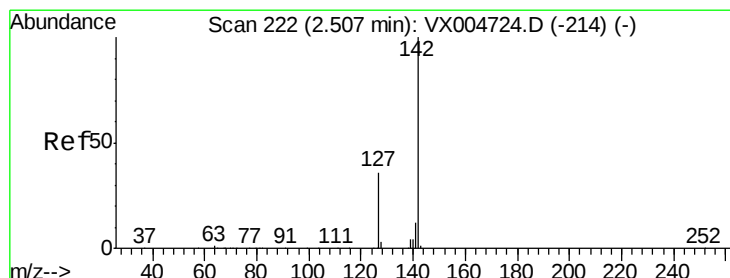
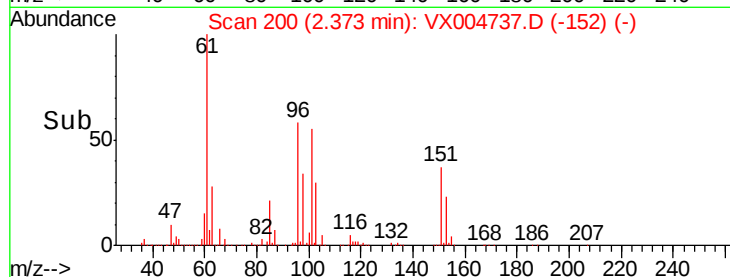
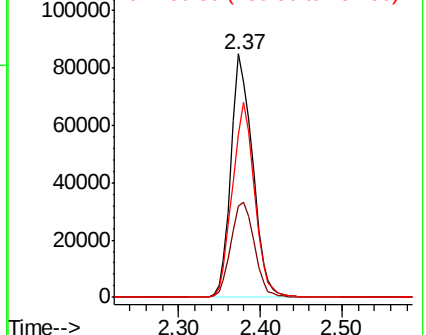
151 81.9 65.0 97.6



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: 53.250 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX004737.D

Acq: 26 Sep 2018 20:09

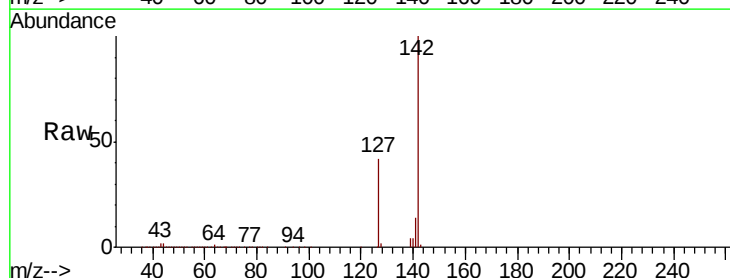
Tgt Ion:142 Resp: 207853

Ion Ratio Lower Upper

142 100

127 42.8 33.8 50.6

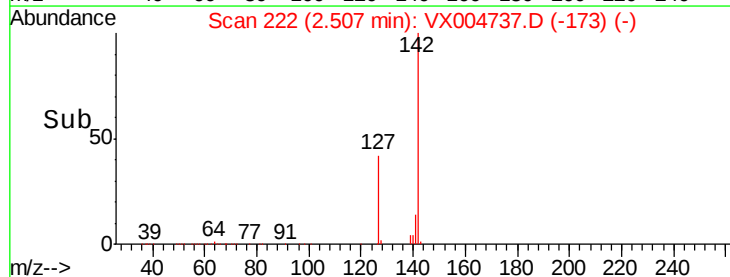
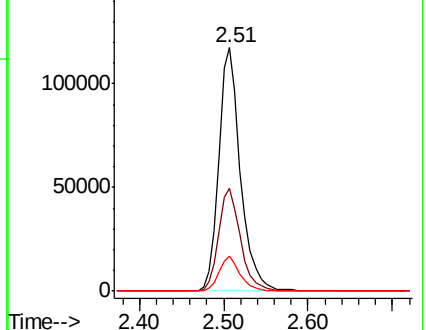
141 14.1 11.4 17.0

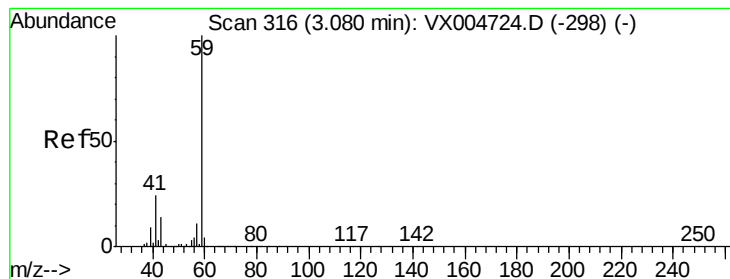


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



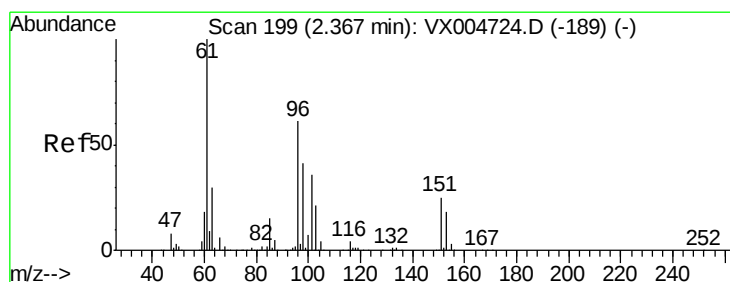
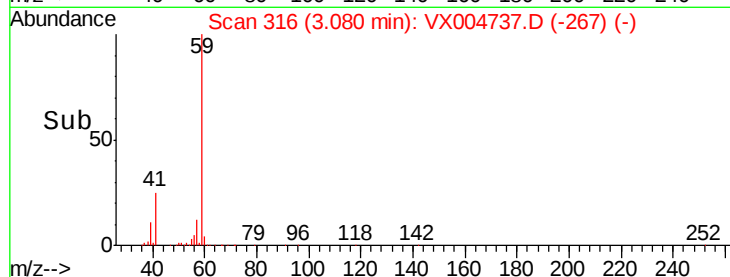
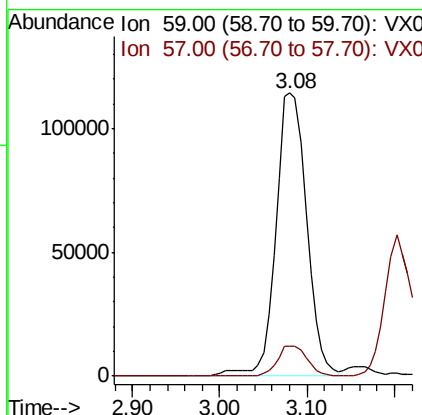
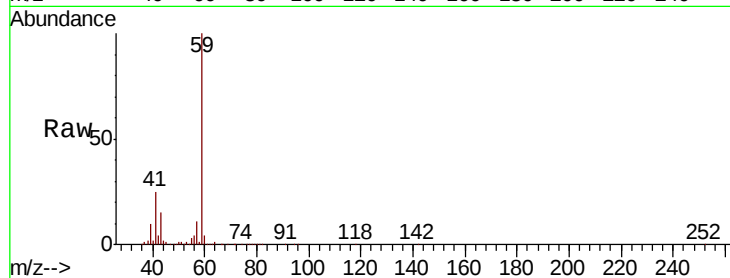


#11

Tert butyl alcohol  
 Concen: 263.990 ug/l  
 RT: 3.08 min Scan# 316  
 Delta R.T. 0.00 min  
 Lab File: VX004737.D  
 Acq: 26 Sep 2018 20:09

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

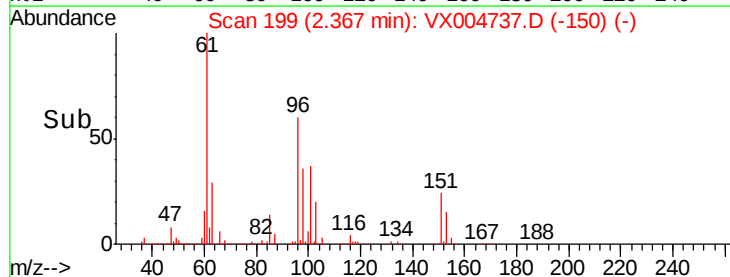
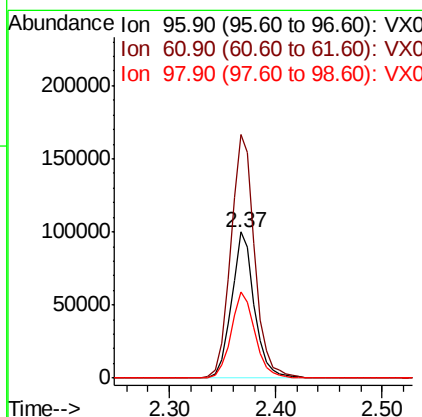
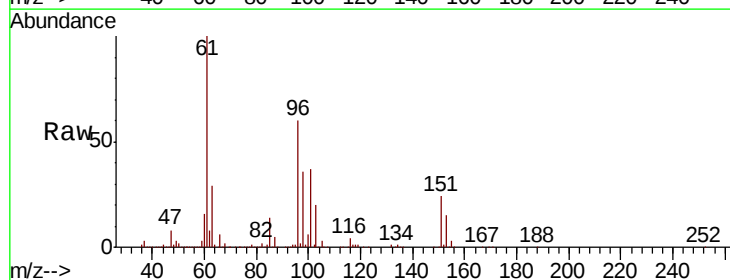
Tot Ion: 59 Resp: 281117  
 Ion Ratio Lower Upper  
 59 100  
 57 10.4 8.2 12.4



#12

1,1-Dichloroethene  
 Concen: 51.915 ug/l  
 RT: 2.37 min Scan# 199  
 Delta R.T. 0.00 min  
 Lab File: VX004737.D  
 Acq: 26 Sep 2018 20:09

Tgt Ion: 96 Resp: 149971  
 Ion Ratio Lower Upper  
 96 100  
 61 166.8 128.8 193.2  
 98 59.2 52.2 78.2





#13

Acrolein

Concen: 233.247 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX004737.D

Acq: 26 Sep 2018 20:09

Instrument :

MSVOA\_X

ClientSampleId :

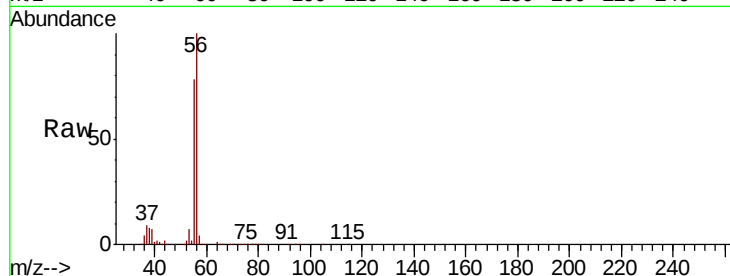
VSTDCCC050EC

Tot Ion: 56 Resp: 176721

Ion Ratio Lower Upper

56 100

55 74.5 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

120000

100000

80000

60000

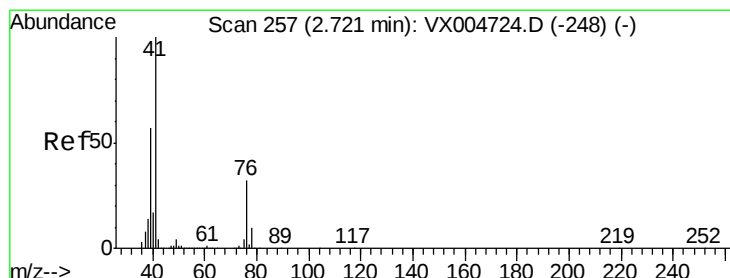
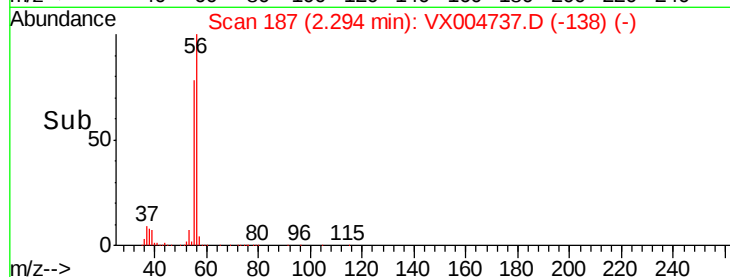
40000

20000

0

2.29

Time-->



#14

Allyl chloride

Concen: 53.925 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX004737.D

Acq: 26 Sep 2018 20:09

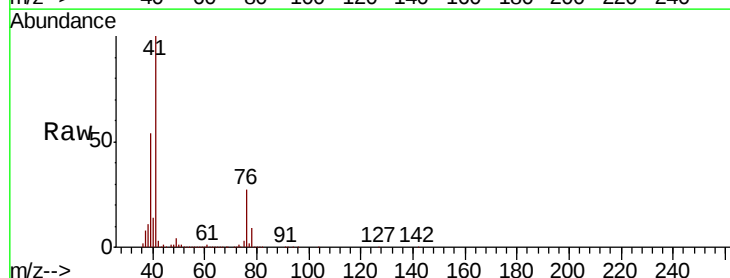
Tgt Ion: 41 Resp: 339887

Ion Ratio Lower Upper

41 100

39 56.5 48.9 73.3

76 27.6 26.7 40.1



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

250000

200000

150000

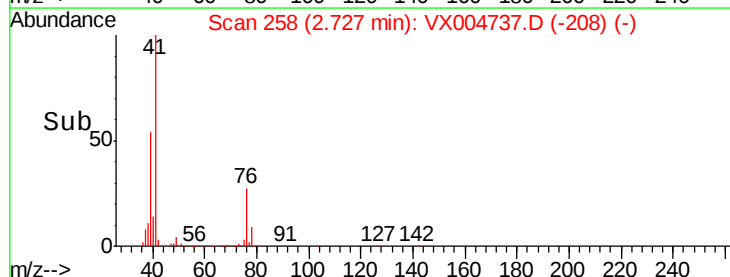
100000

50000

0

2.73

Time-->

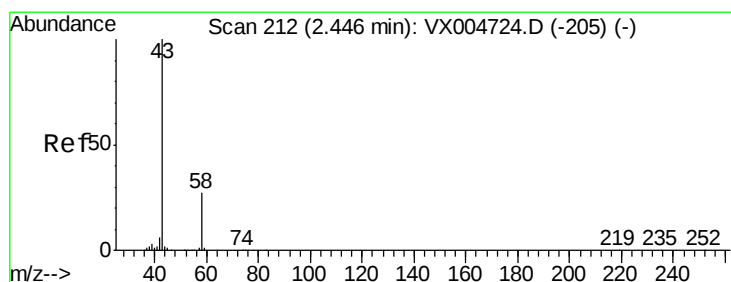
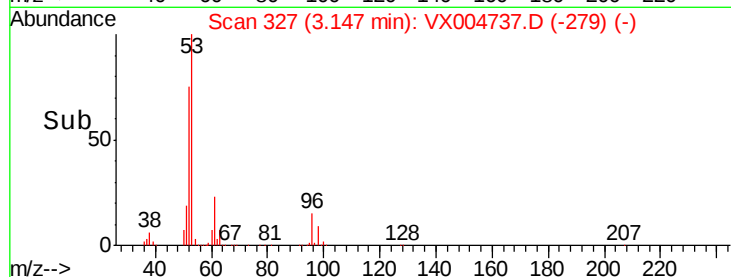
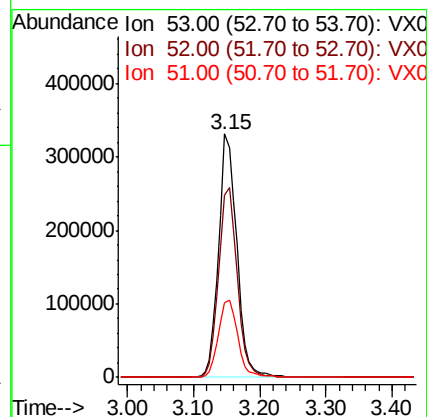
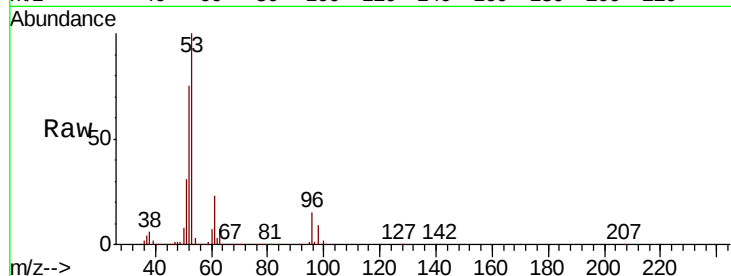




#15  
 Acrylonitrile  
 Concen: 267.999 ug/l  
 RT: 3.15 min Scan# 327  
 Delta R.T. -0.01 min  
 Lab File: VX004737.D  
 Acq: 26 Sep 2018 20:09

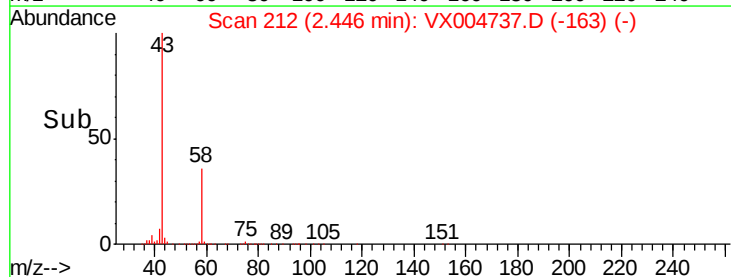
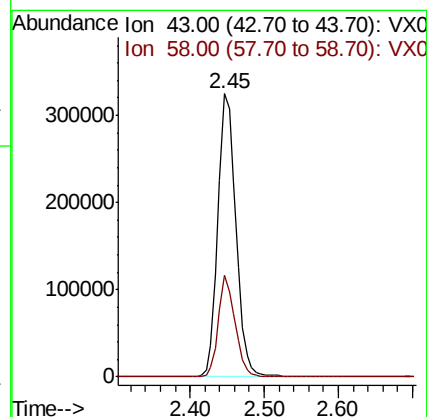
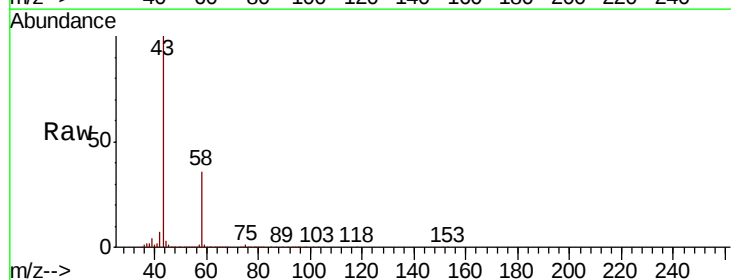
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

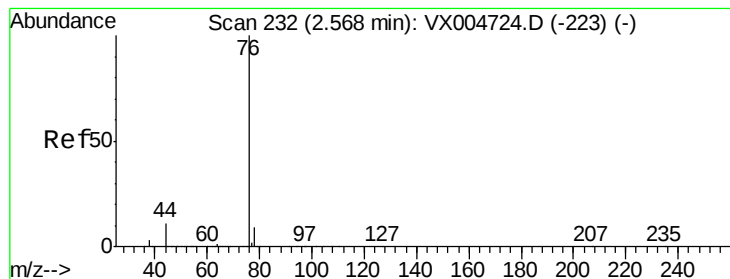
Tot Ion: 53 Resp: 628242  
 Ion Ratio Lower Upper  
 53 100  
 52 80.0 65.2 97.8  
 51 34.1 28.2 42.2



#16  
 Acetone  
 Concen: 243.261 ug/l  
 RT: 2.45 min Scan# 212  
 Delta R.T. 0.00 min  
 Lab File: VX004737.D  
 Acq: 26 Sep 2018 20:09

Tgt Ion: 43 Resp: 540876  
 Ion Ratio Lower Upper  
 43 100  
 58 35.8 26.2 39.4





#17

Carbon Disulfide

Concen: 51.703 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX004737.D

Acq: 26 Sep 2018 20:09

Instrument :

MSVOA\_X

ClientSampleId :

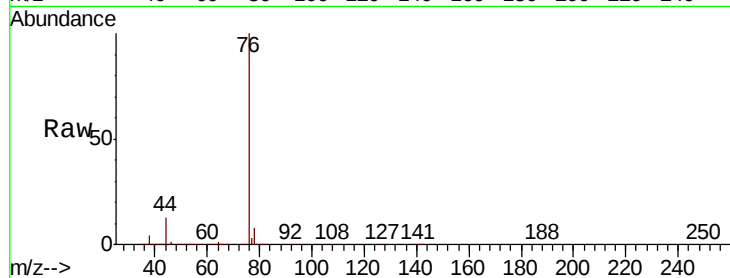
VSTDCCC050EC

Tot Ion: 76 Resp: 448797

Ion Ratio Lower Upper

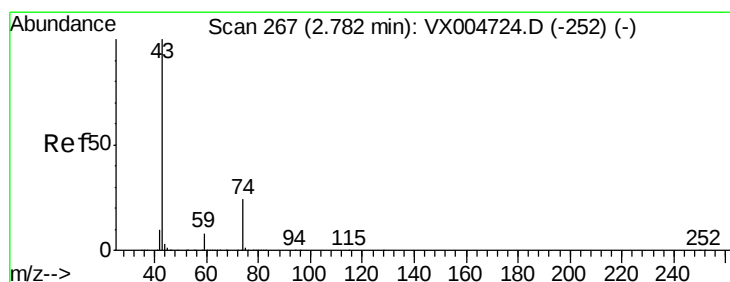
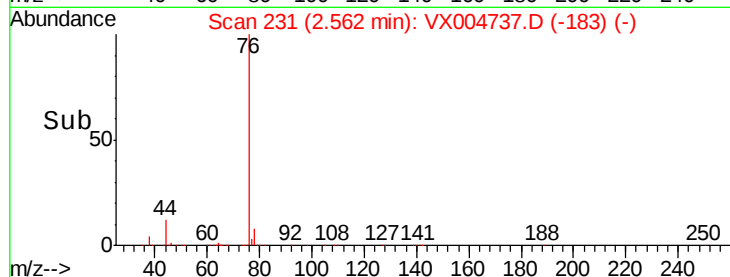
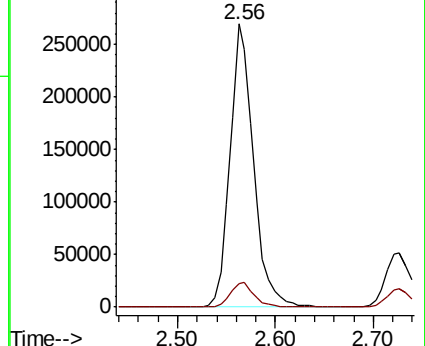
76 100

78 8.2 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 51.779 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX004737.D

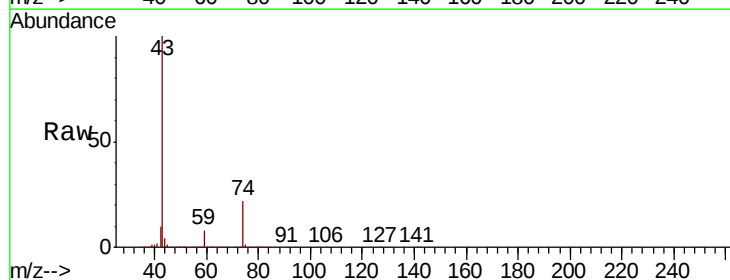
Acq: 26 Sep 2018 20:09

Tgt Ion: 43 Resp: 291689

Ion Ratio Lower Upper

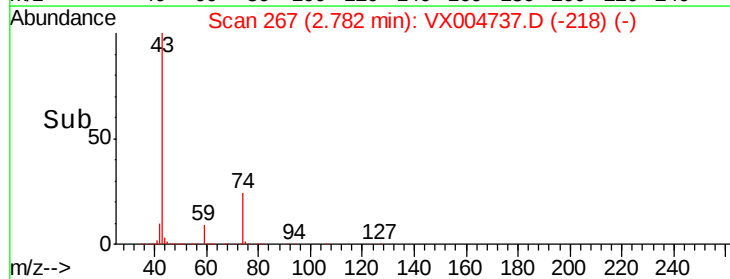
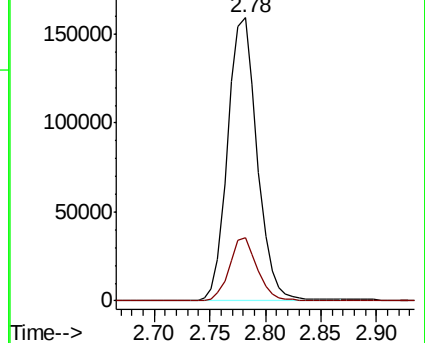
43 100

74 21.2 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



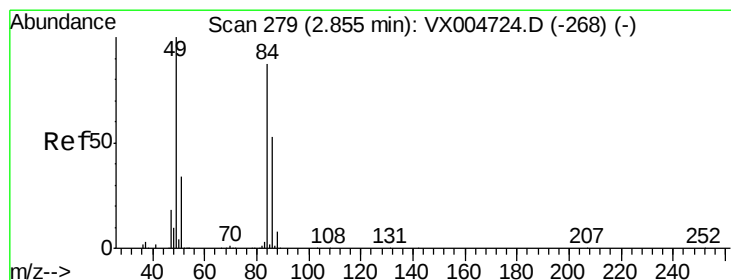
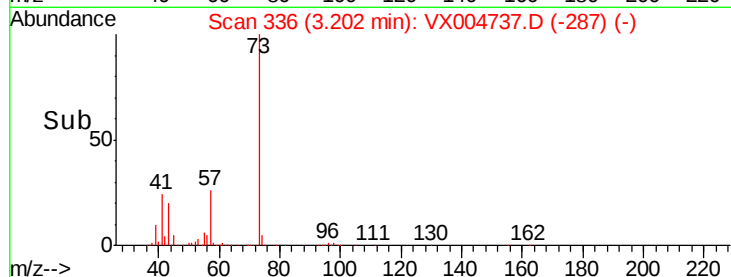
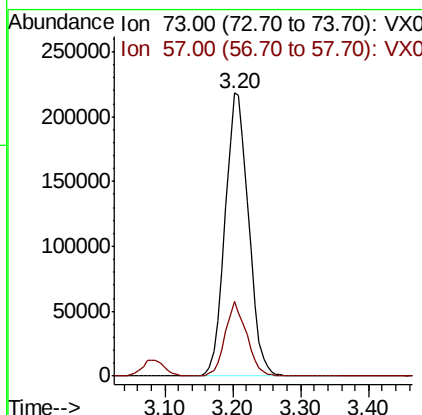
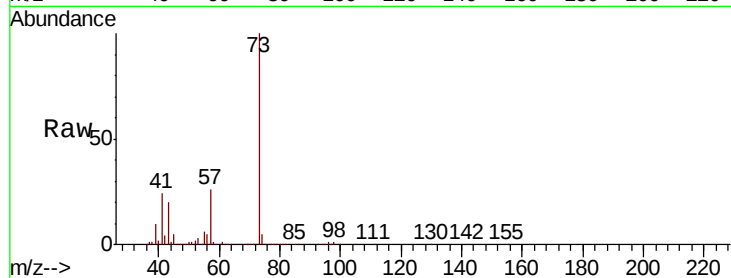


#19

Methyl tert-butyl Ether  
 Concen: 52.409 ug/l  
 RT: 3.20 min Scan# 336  
 Delta R.T. 0.00 min  
 Lab File: VX004737.D  
 Acq: 26 Sep 2018 20:09

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

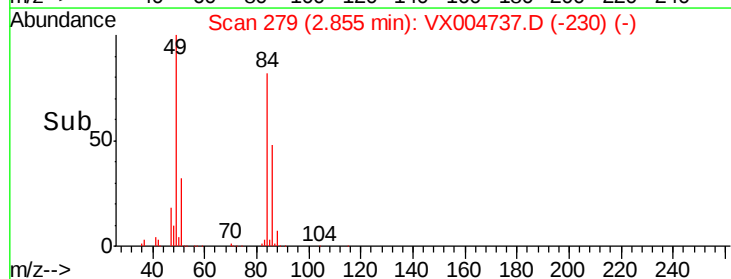
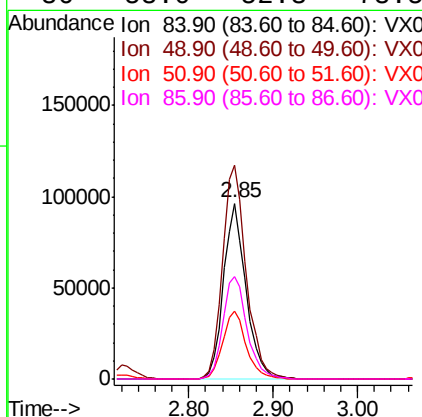
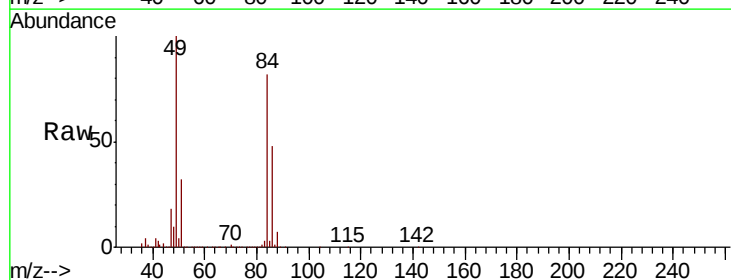
Tot Ion: 73 Resp: 522216  
 Ion Ratio Lower Upper  
 73 100  
 57 26.2 17.1 25.7#

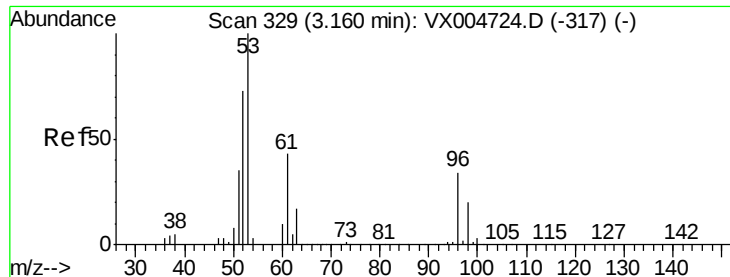


#20

Methylene Chloride  
 Concen: 54.598 ug/l  
 RT: 2.85 min Scan# 279  
 Delta R.T. 0.00 min  
 Lab File: VX004737.D  
 Acq: 26 Sep 2018 20:09

Tgt Ion: 84 Resp: 176255  
 Ion Ratio Lower Upper  
 84 100  
 49 121.4 101.2 151.8  
 51 38.8 29.5 44.3  
 86 58.0 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 49.592 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX004737.D

Acq: 26 Sep 2018 20:09

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

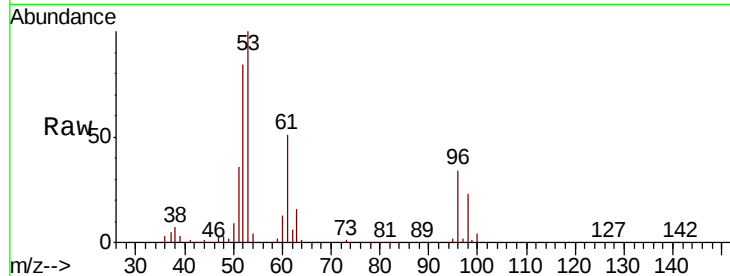
Tot Ion: 96 Resp: 156821

Ion Ratio Lower Upper

96 100

61 151.8 113.8 170.6

98 67.9 51.8 77.8

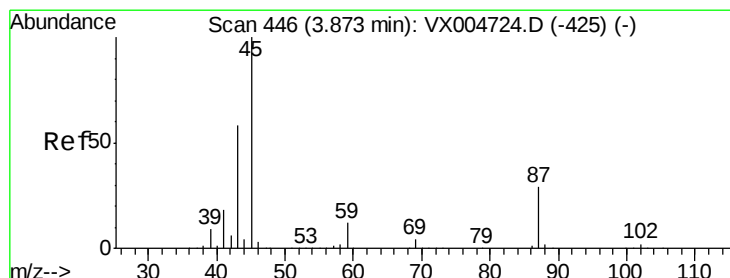
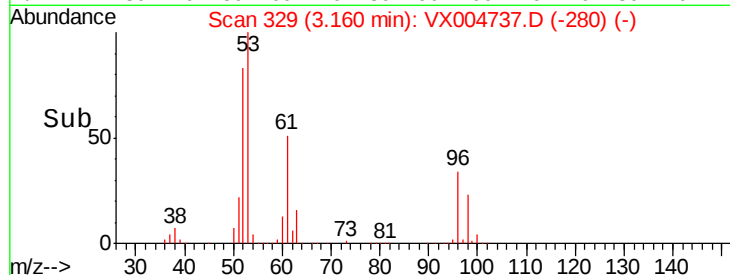
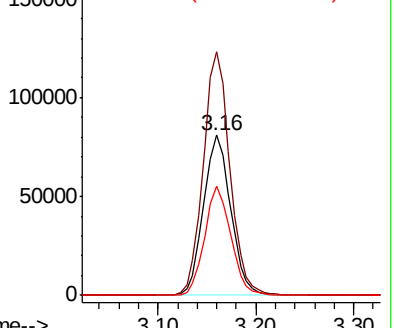


Abundance

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: 55.822 ug/l

RT: 3.88 min Scan# 447

Delta R.T. 0.01 min

Lab File: VX004737.D

Acq: 26 Sep 2018 20:09

Tgt Ion: 45 Resp: 592481

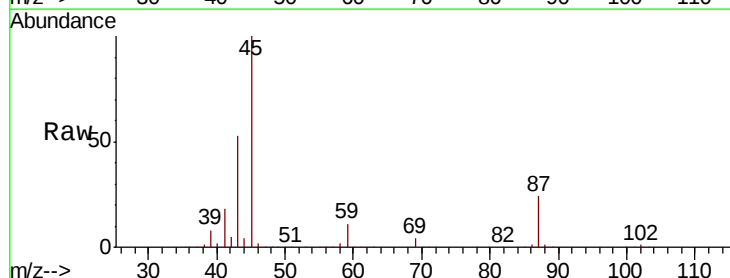
Ion Ratio Lower Upper

45 100

43 52.7 42.8 64.2

87 23.7 22.6 34.0

59 10.8 9.6 14.4



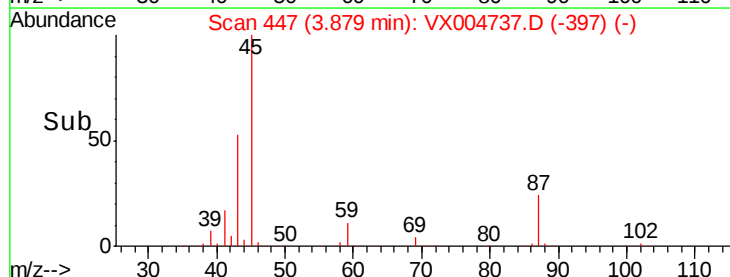
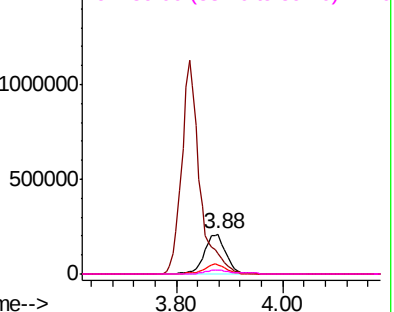
Abundance

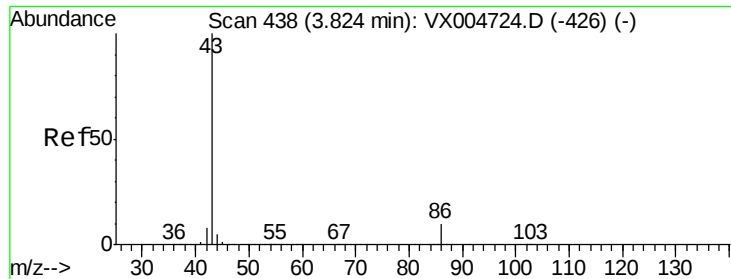
Ion 45.00 (44.70 to 45.70): VX0

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

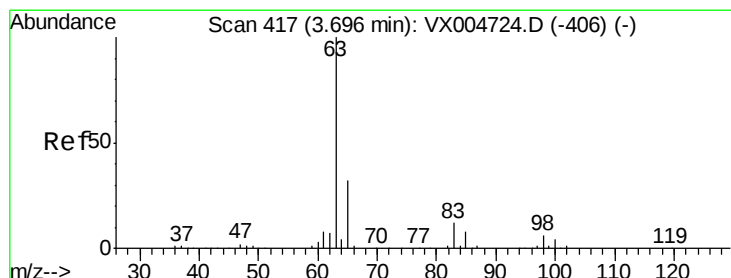
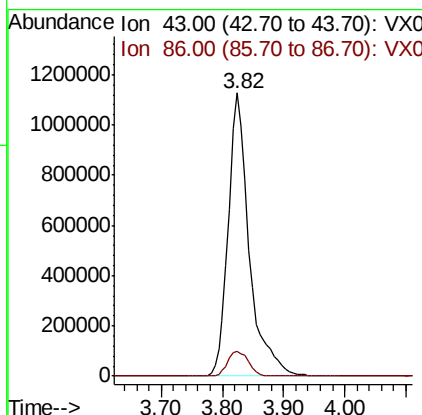
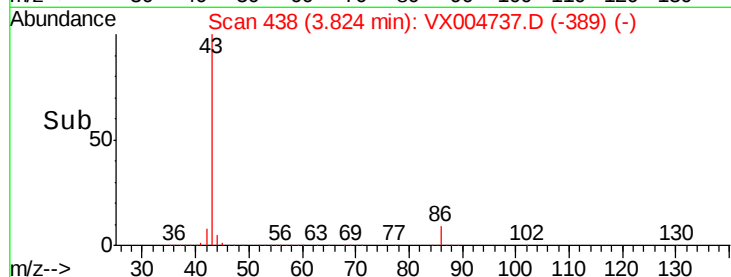
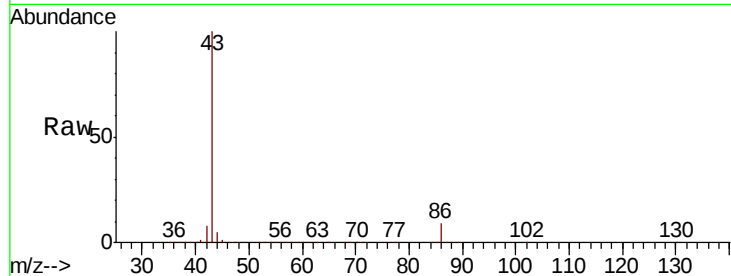




#23  
 Vinyl Acetate  
 Concen: 273.819 ug/l  
 RT: 3.82 min Scan# 438  
 Delta R.T. 0.00 min  
 Lab File: VX004737.D  
 Acq: 26 Sep 2018 20:09

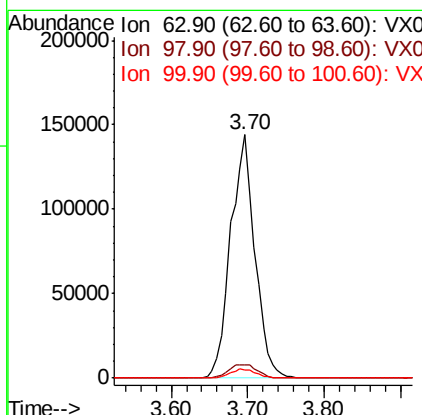
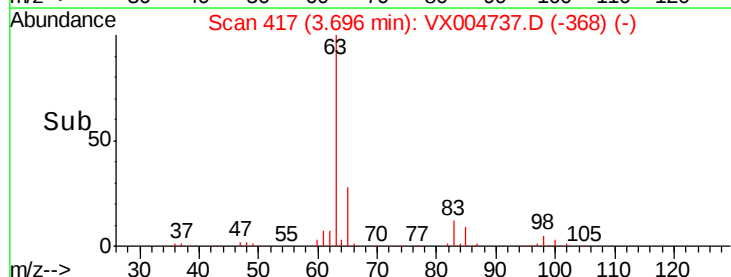
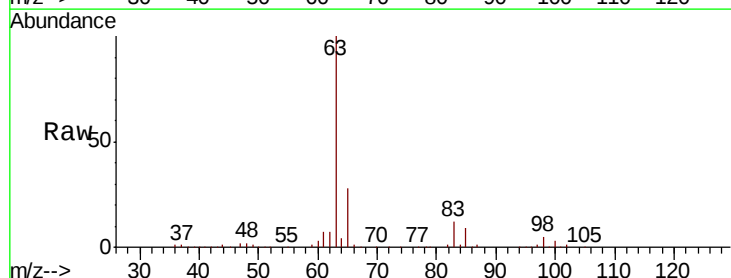
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

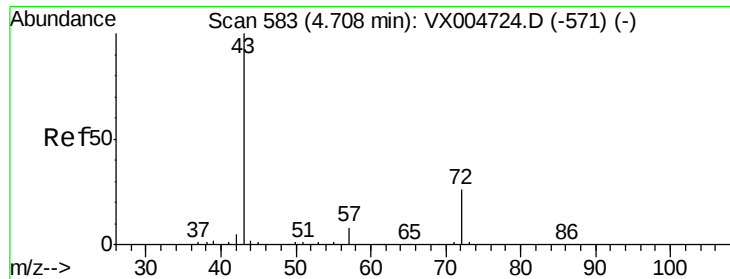
Tot Ion: 43 Resp: 2660244  
 Ion Ratio Lower Upper  
 43 100  
 86 8.6 8.9 13.3#



#24  
 1,1-Dichloroethane  
 Concen: 49.583 ug/l  
 RT: 3.70 min Scan# 417  
 Delta R.T. 0.00 min  
 Lab File: VX004737.D  
 Acq: 26 Sep 2018 20:09

Tgt Ion: 63 Resp: 313921  
 Ion Ratio Lower Upper  
 63 100  
 98 5.4 3.5 10.4  
 100 3.3 2.4 7.1





#25

2-Butanone

Concen: 260.688 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX004737.D

Acq: 26 Sep 2018 20:09

Instrument :

MSVOA\_X

ClientSampleId :

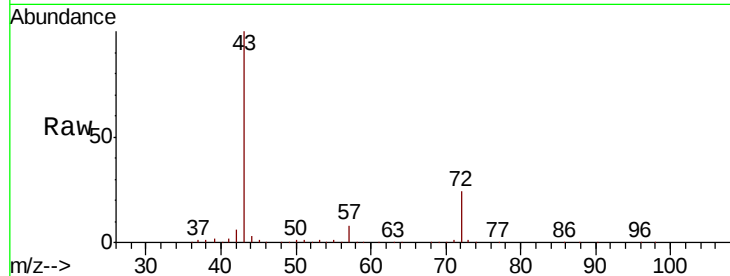
VSTDCCC050EC

Tot Ion: 43 Resp: 854384

Ion Ratio Lower Upper

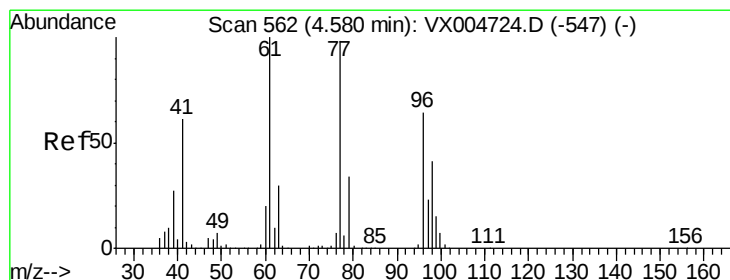
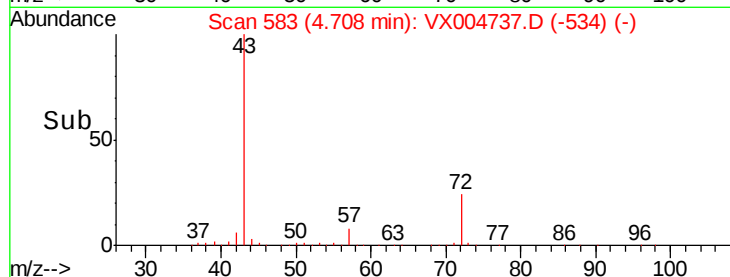
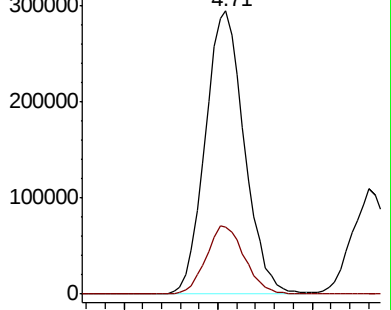
43 100

72 23.7 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 49.942 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX004737.D

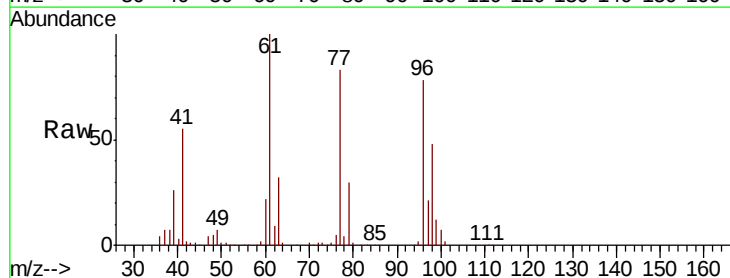
Acq: 26 Sep 2018 20:09

Tgt Ion: 77 Resp: 220182

Ion Ratio Lower Upper

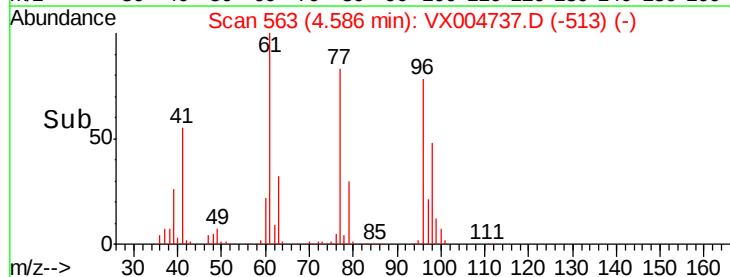
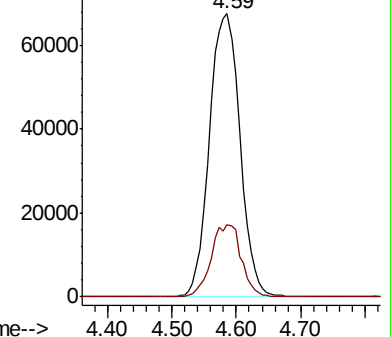
77 100

97 25.0 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



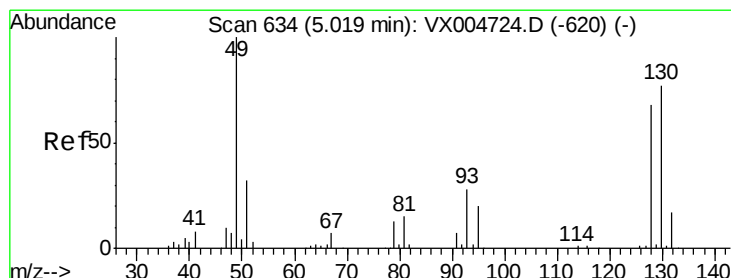
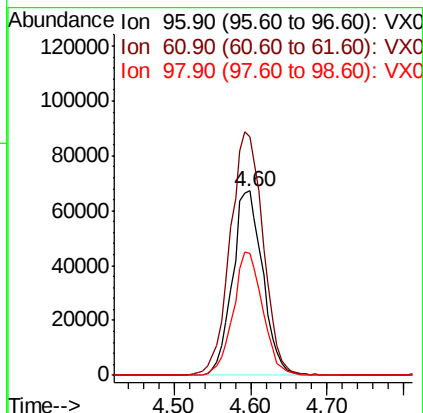
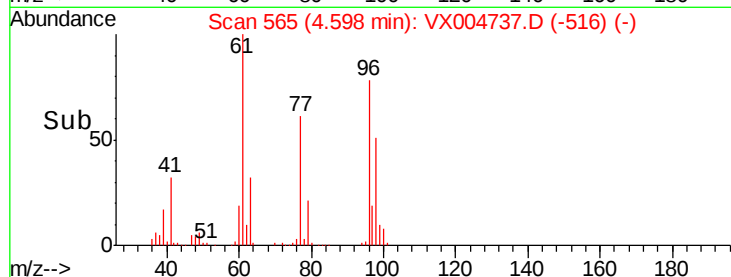
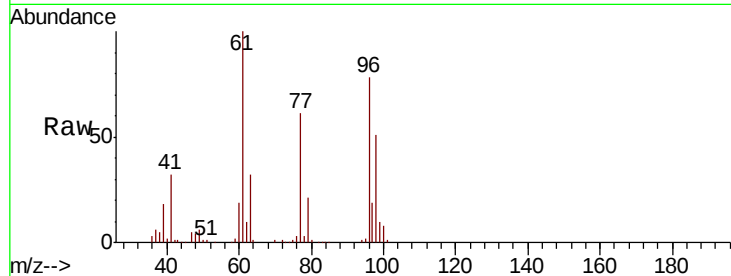


#27

cis-1,2-Dichloroethene  
 Concen: 52.297 ug/l  
 RT: 4.60 min Scan# 565  
 Delta R.T. 0.00 min  
 Lab File: VX004737.D  
 Acq: 26 Sep 2018 20:09

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

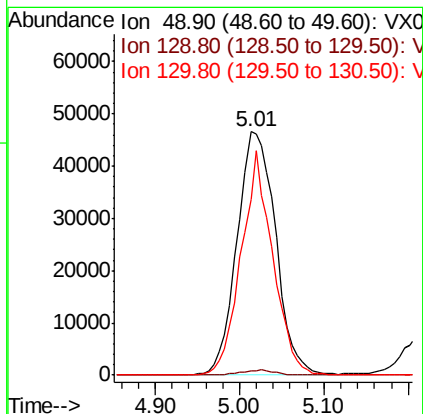
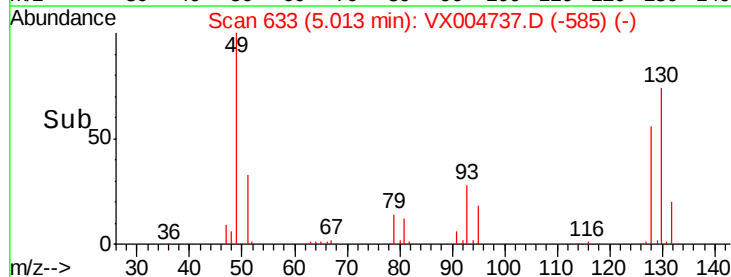
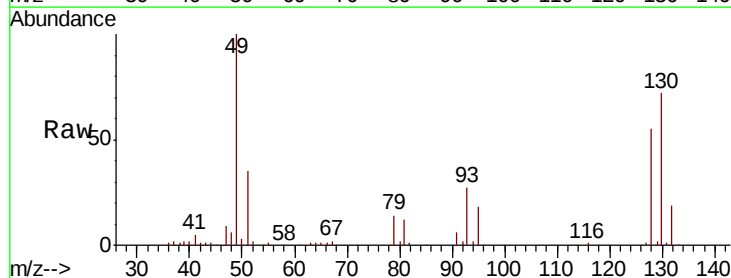
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 143.2 | 0.0   | 282.6 |
| 98      | 65.2  | 0.0   | 130.2 |

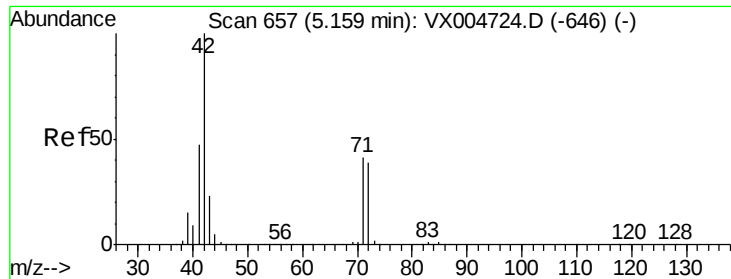


#28

Bromochloromethane  
 Concen: 48.706 ug/l  
 RT: 5.01 min Scan# 633  
 Delta R.T. -0.01 min  
 Lab File: VX004737.D  
 Acq: 26 Sep 2018 20:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 1.9   | 0.0   | 4.2   |
| 130     | 75.2  | 67.5  | 101.3 |

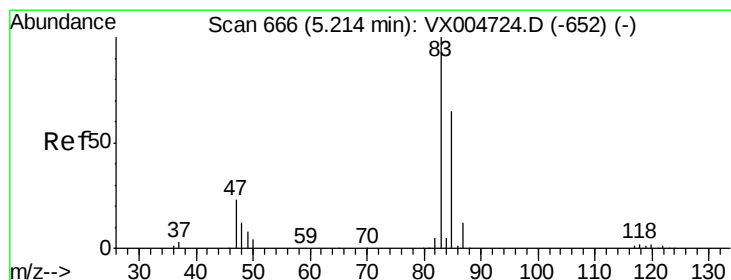
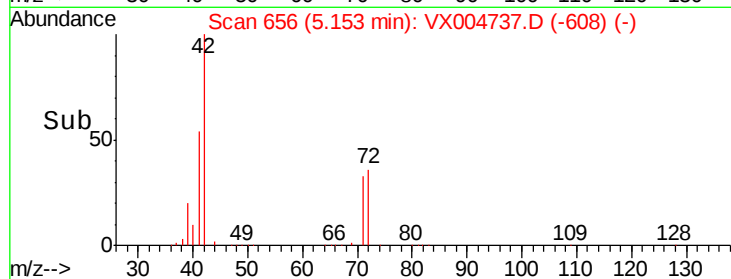
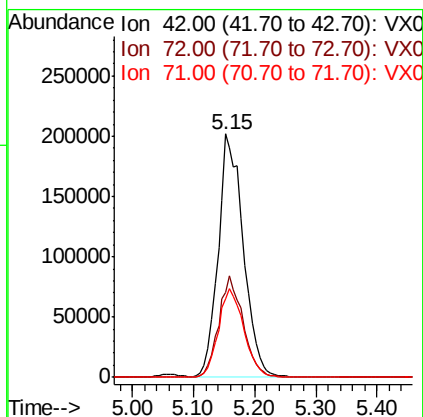
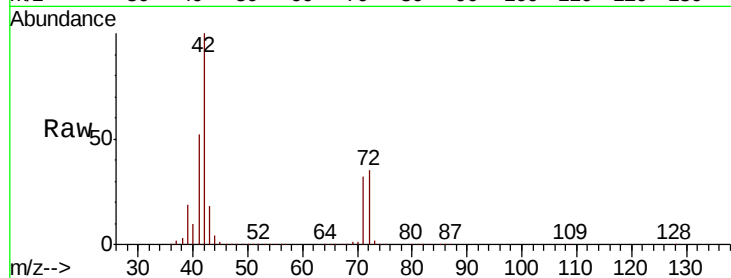




#29  
Tetrahydrofuran  
Concen: 281.839 ug/l  
RT: 5.15 min Scan# 656  
Delta R.T. -0.01 min  
Lab File: VX004737.D  
Acq: 26 Sep 2018 20:09

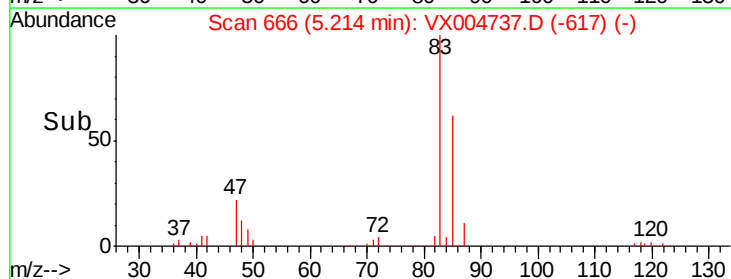
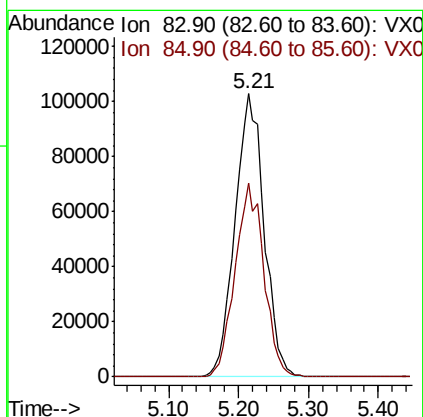
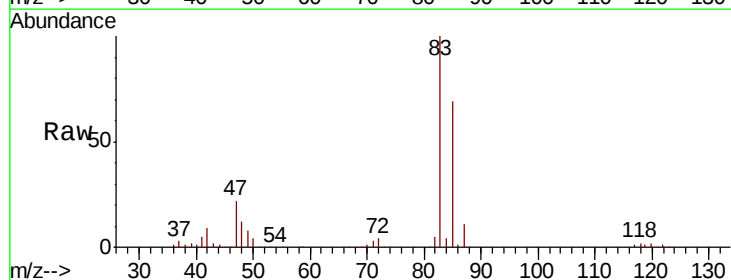
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

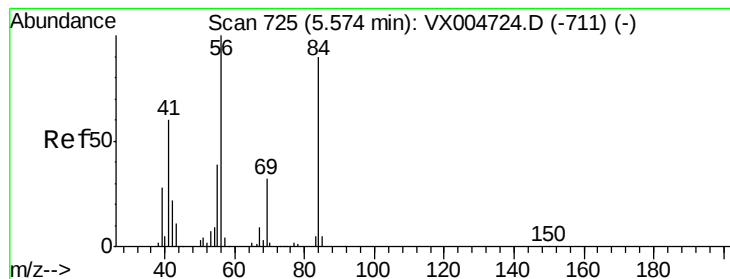
Tot Ion: 42 Resp: 574116  
Ion Ratio Lower Upper  
42 100  
72 40.7 37.4 56.0  
71 37.0 34.5 51.7



#30  
Chloroform  
Concen: 49.647 ug/l  
RT: 5.21 min Scan# 666  
Delta R.T. 0.00 min  
Lab File: VX004737.D  
Acq: 26 Sep 2018 20:09

Tgt Ion: 83 Resp: 297069  
Ion Ratio Lower Upper  
83 100  
85 68.6 52.6 79.0





#31

Cyclohexane

Concen: 59.552 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX004737.D

Acq: 26 Sep 2018 20:09

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

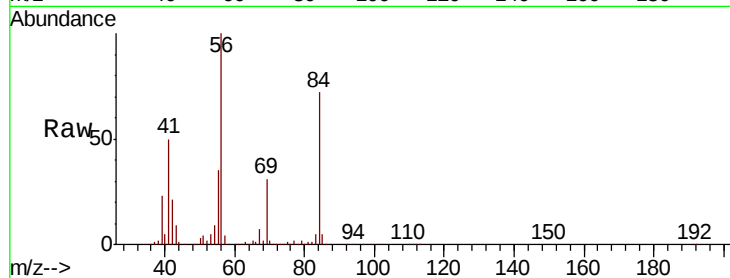
Tot Ion: 56 Resp: 288571

Ion Ratio Lower Upper

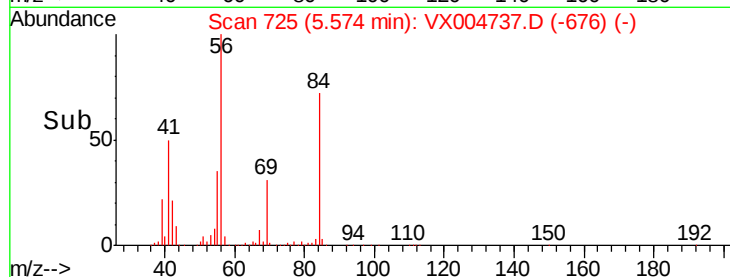
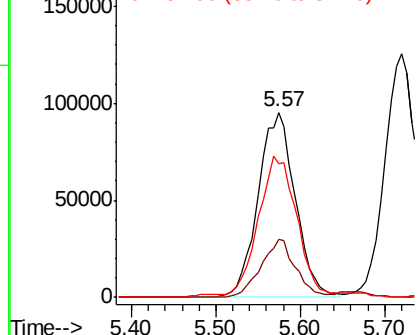
56 100

69 31.5 25.4 38.2

84 71.3 71.4 107.2#



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: 52.478 ug/l

RT: 5.49 min Scan# 711

Delta R.T. 0.00 min

Lab File: VX004737.D

Acq: 26 Sep 2018 20:09

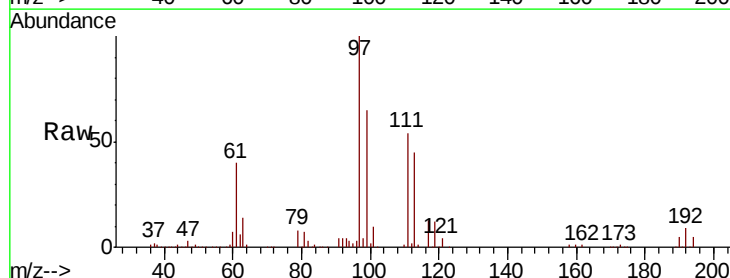
Tgt Ion: 97 Resp: 256445

Ion Ratio Lower Upper

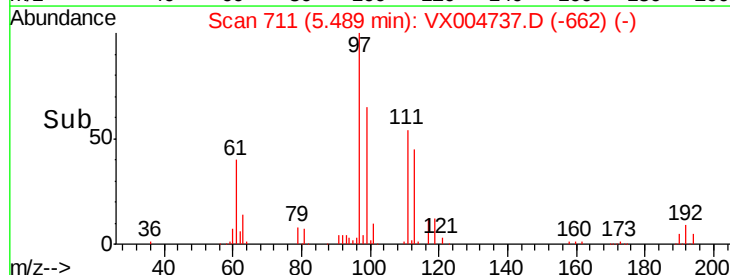
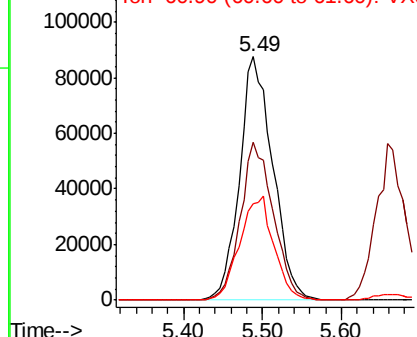
97 100

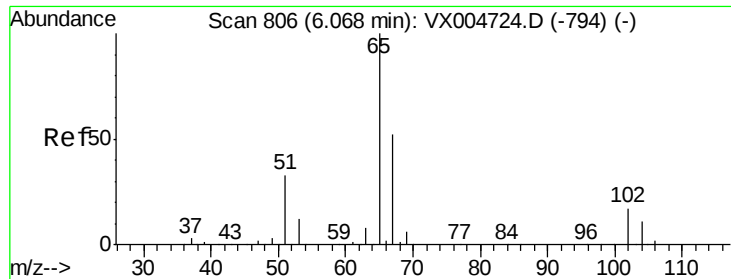
99 64.2 52.0 78.0

61 43.9 34.9 52.3



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

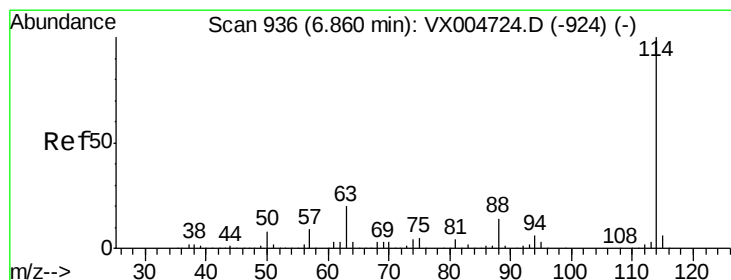
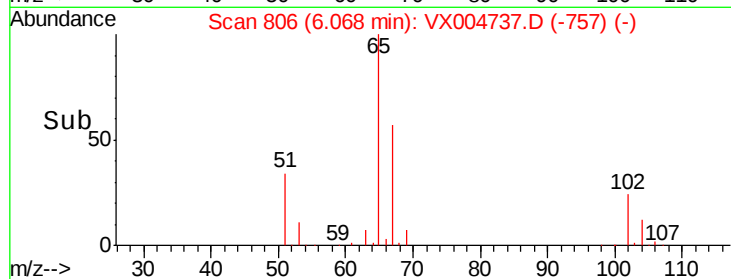
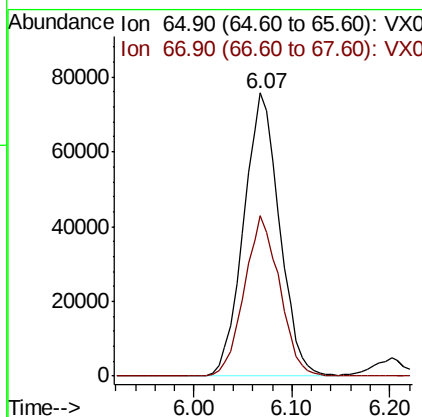
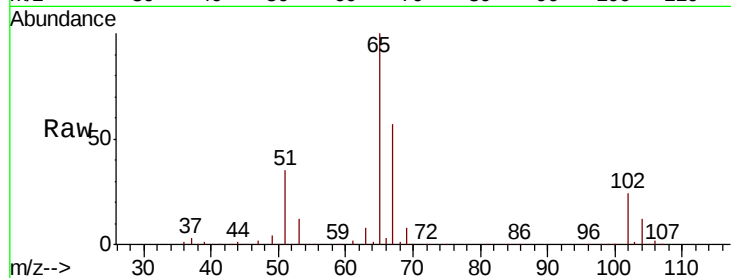




#33  
 1,2-Dichloroethane-d4  
 Concen: 50.402 ug/l  
 RT: 6.07 min Scan# 806  
 Delta R.T. 0.00 min  
 Lab File: VX004737.D  
 Acq: 26 Sep 2018 20:09

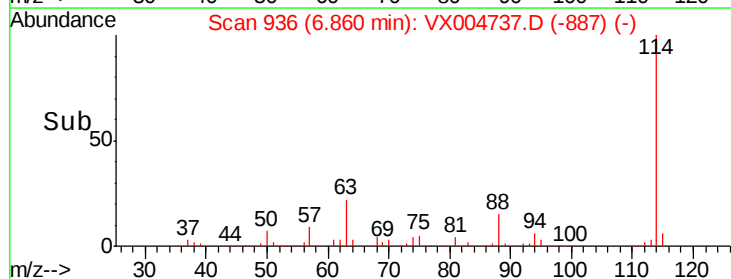
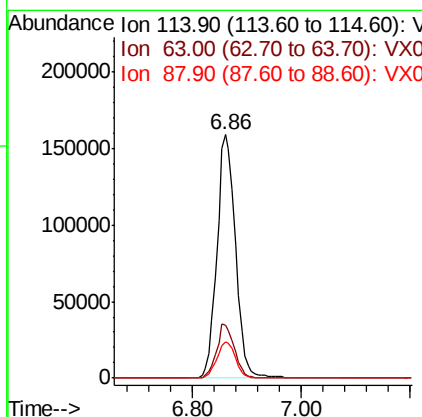
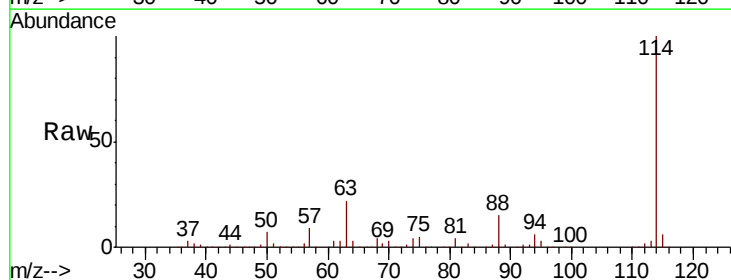
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 65 Resp: 191953  
 Ion Ratio Lower Upper  
 65 100  
 67 56.1 0.0 106.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. 0.00 min  
 Lab File: VX004737.D  
 Acq: 26 Sep 2018 20:09

Tgt Ion: 114 Resp: 376926  
 Ion Ratio Lower Upper  
 114 100  
 63 21.8 0.0 39.0  
 88 14.8 0.0 30.4

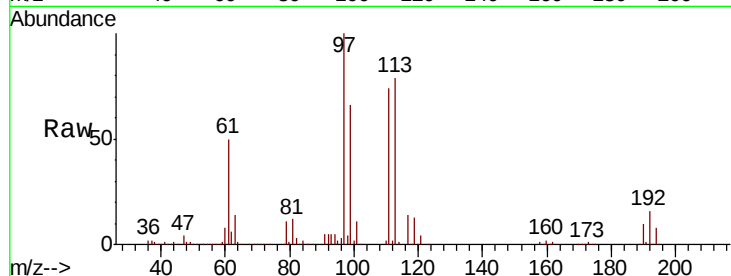




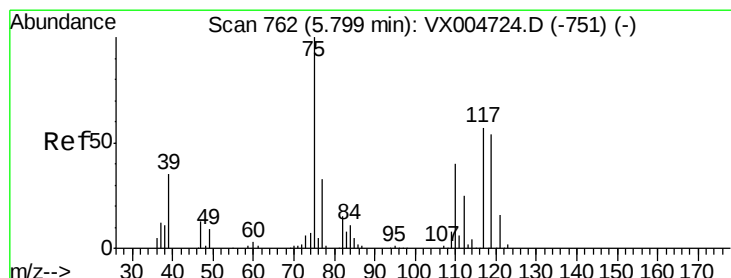
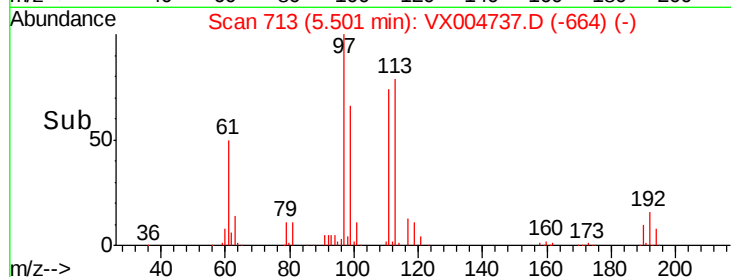
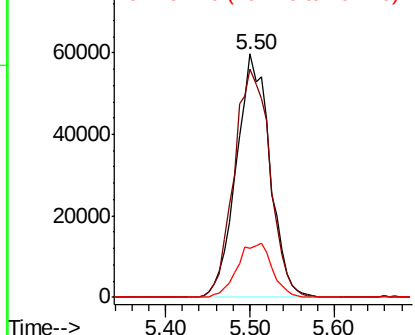
#35  
 Dibromofluoromethane  
 Concen: 50.340 ug/l  
 RT: 5.50 min Scan# 713  
 Delta R.T. 0.00 min  
 Lab File: VX004737.D  
 Acq: 26 Sep 2018 20:09

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion:113 Resp: 160811  
 Ion Ratio Lower Upper  
 113 100  
 111 100.7 82.4 123.6  
 192 23.1 19.4 29.2

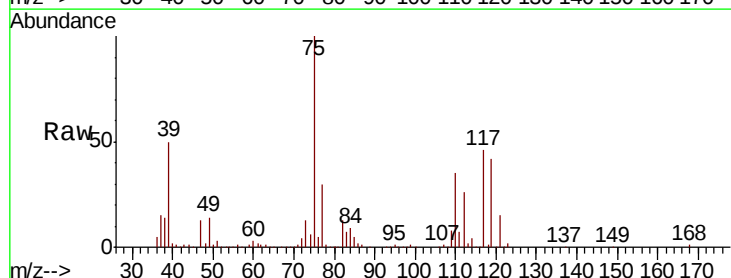


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

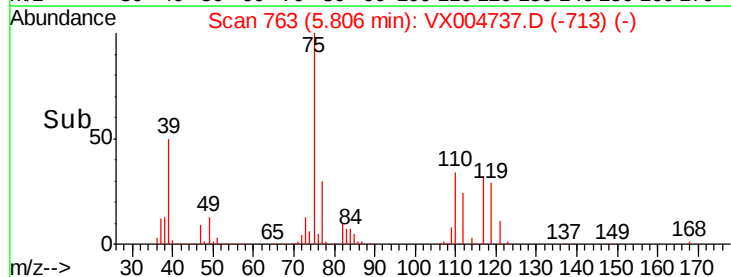
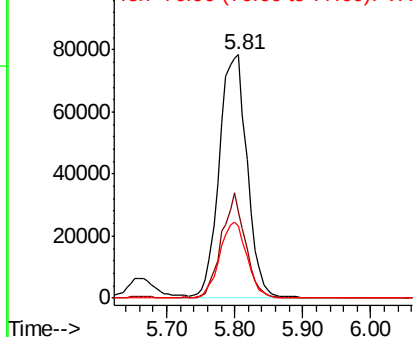


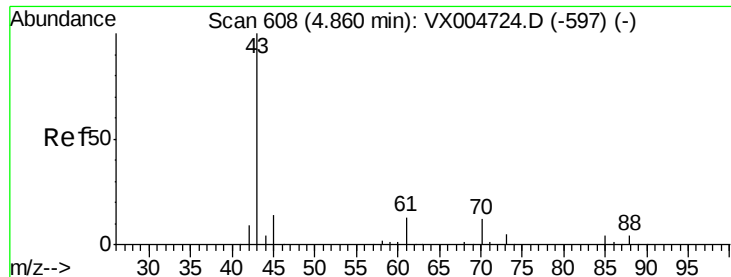
#36  
 1,1-Dichloropropene  
 Concen: 51.015 ug/l  
 RT: 5.81 min Scan# 763  
 Delta R.T. 0.01 min  
 Lab File: VX004737.D  
 Acq: 26 Sep 2018 20:09

Tgt Ion: 75 Resp: 222348  
 Ion Ratio Lower Upper  
 75 100  
 110 37.0 18.0 54.0  
 77 30.6 24.6 36.8



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





#37

Ethyl Acetate

Concen: 52.846 ug/l

RT: 4.86 min Scan# 608

Delta R.T. 0.00 min

Lab File: VX004737.D

Acq: 26 Sep 2018 20:09

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

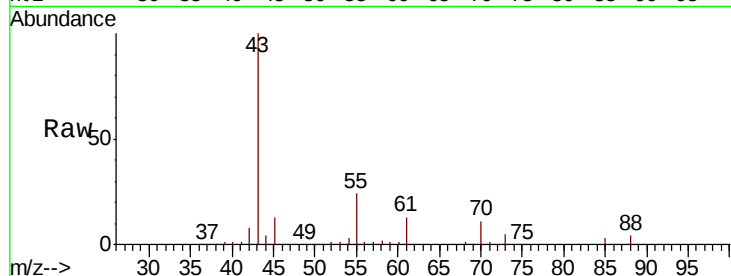
Tot Ion: 43 Resp: 305740

Ion Ratio Lower Upper

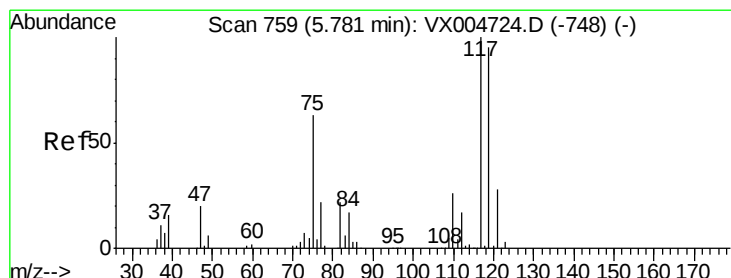
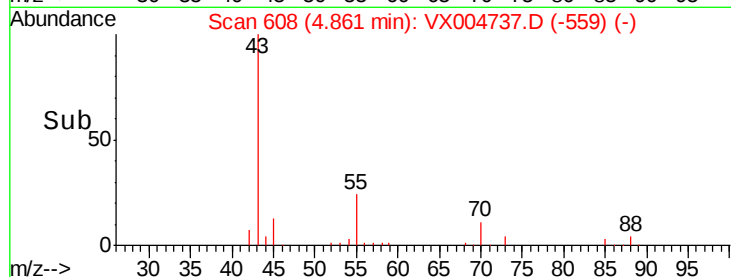
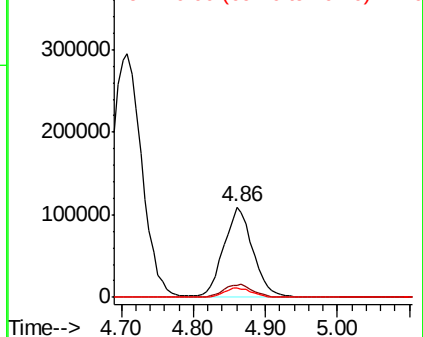
43 100

61 14.3 11.5 17.3

70 10.4 9.0 13.6



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: 49.215 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX004737.D

Acq: 26 Sep 2018 20:09

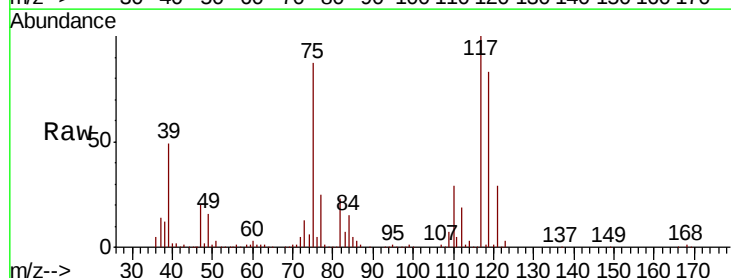
Tgt Ion: 117 Resp: 225481

Ion Ratio Lower Upper

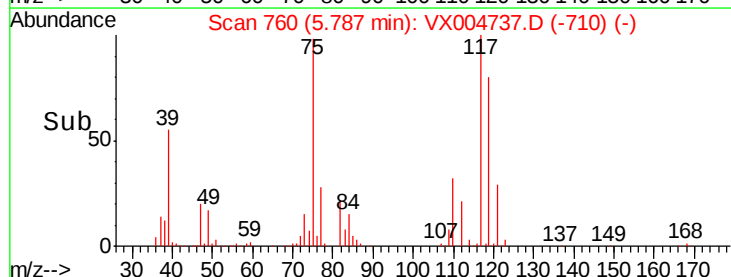
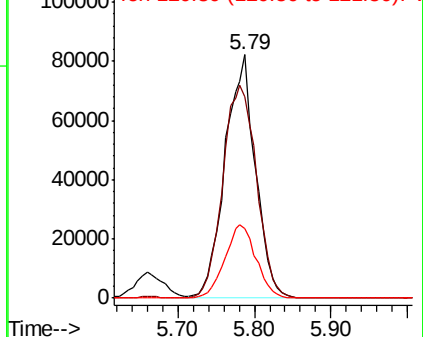
117 100

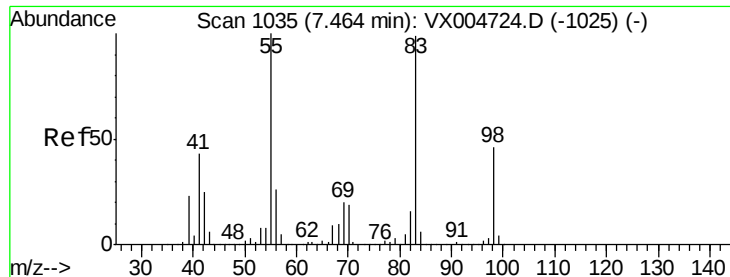
119 82.9 78.8 118.2

121 28.7 24.9 37.3



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

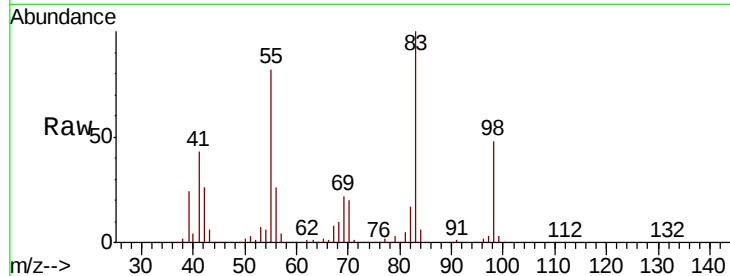




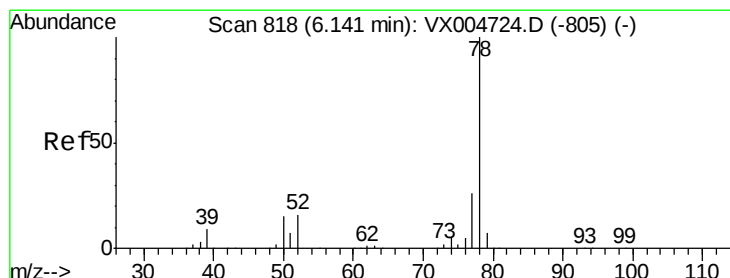
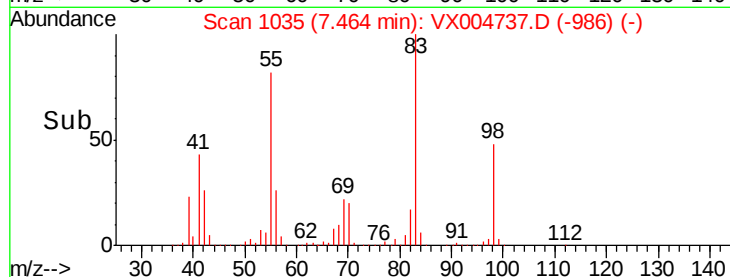
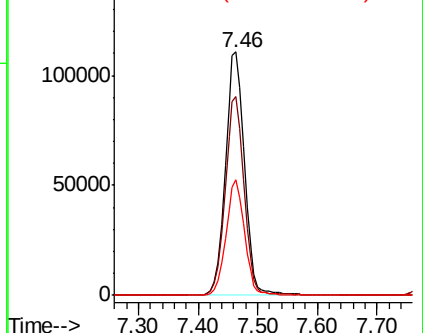
#39  
Methvlcvclohexane  
Concen: 55.481 ug/l  
RT: 7.46 min Scan# 1035  
Delta R.T. 0.00 min  
Lab File: VX004737.D  
Acq: 26 Sep 2018 20:09

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 83 Resp: 246916  
Ion Ratio Lower Upper  
83 100  
55 81.8 61.0 91.4  
98 47.6 39.6 59.4

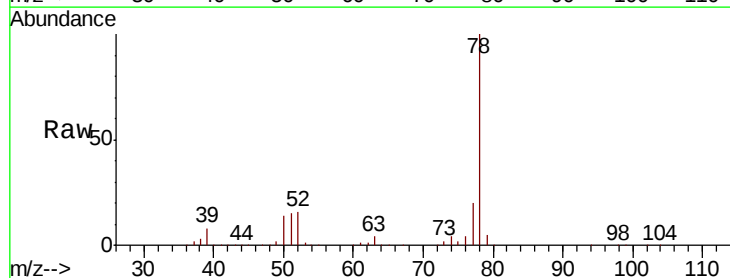


Abundance Ion 83.00 (82.70 to 83.70): VX0  
Ion 55.00 (54.70 to 55.70): VX0  
Ion 98.00 (97.70 to 98.70): VX0

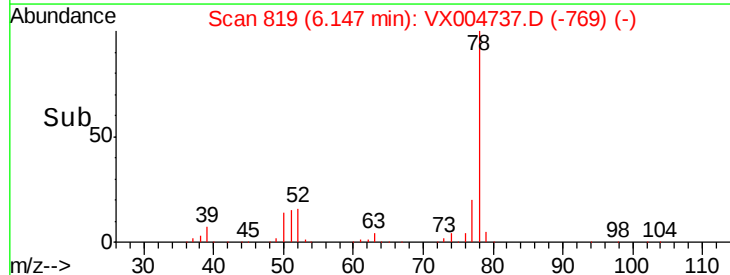
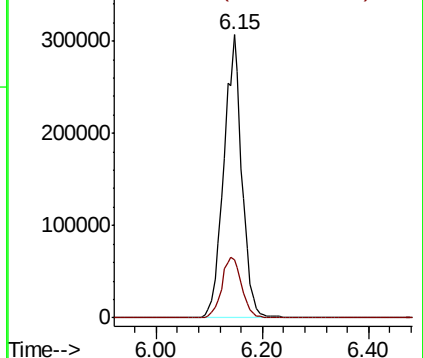


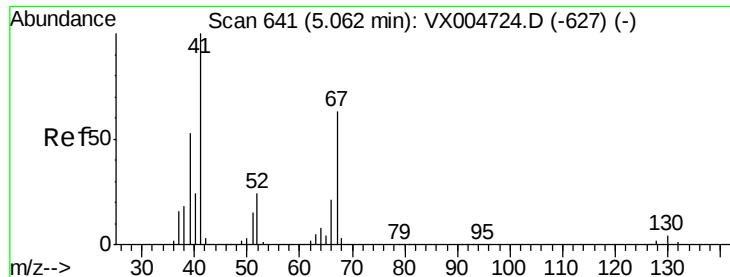
#40  
Benzene  
Concen: 53.580 ug/l  
RT: 6.15 min Scan# 819  
Delta R.T. 0.01 min  
Lab File: VX004737.D  
Acq: 26 Sep 2018 20:09

Tgt Ion: 78 Resp: 731106  
Ion Ratio Lower Upper  
78 100  
77 20.4 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0  
Ion 77.00 (76.70 to 77.70): VX0

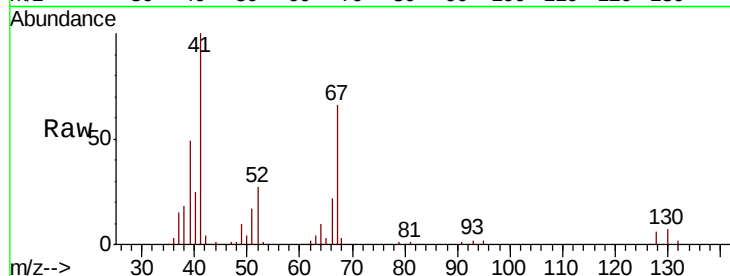




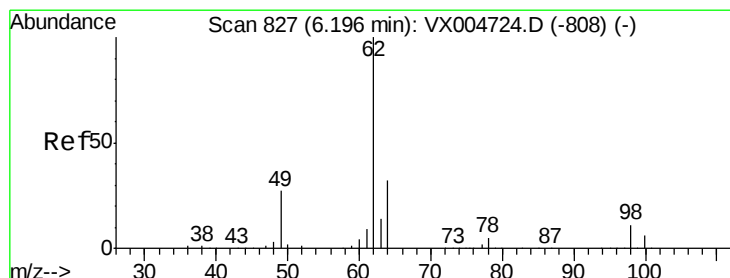
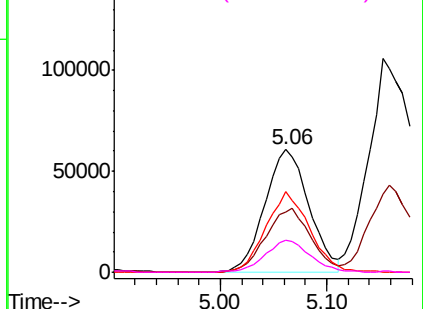
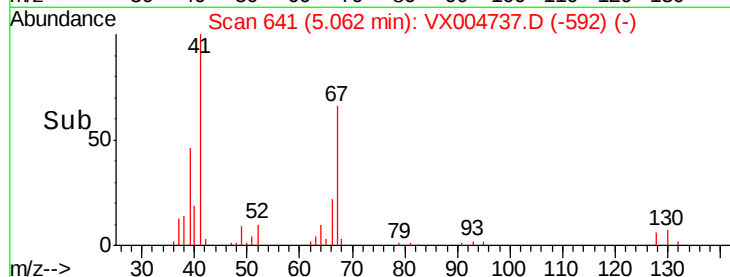
#41  
Methacrylonitrile  
Concen: 54.433 ug/l  
RT: 5.06 min Scan# 641  
Delta R.T. 0.00 min  
Lab File: VX004737.D  
Acq: 26 Sep 2018 20:09

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 41    | Resp: | 174648 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 53.0  | 42.4  | 63.6   |
| 67       | 64.9  | 59.2  | 88.8   |
| 52       | 26.4  | 23.0  | 34.4   |

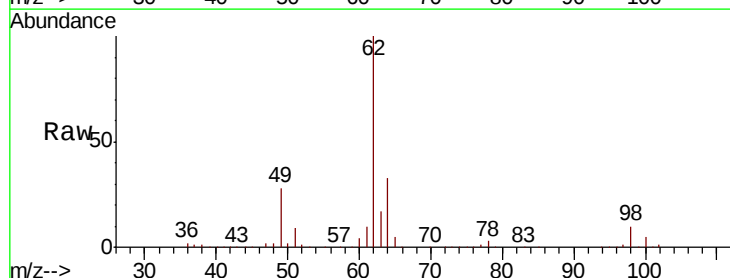


Abundance Ion 41.00 (40.70 to 41.70): VX0  
Ion 39.00 (38.70 to 39.70): VX0  
Ion 67.00 (66.70 to 67.70): VX0  
Ion 52.00 (51.70 to 52.70): VX0

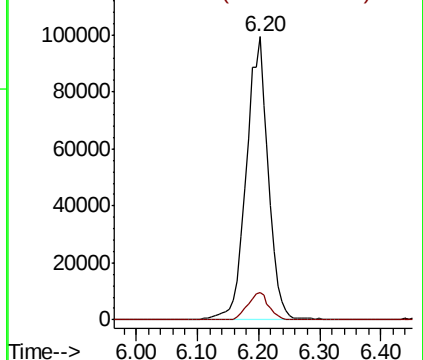
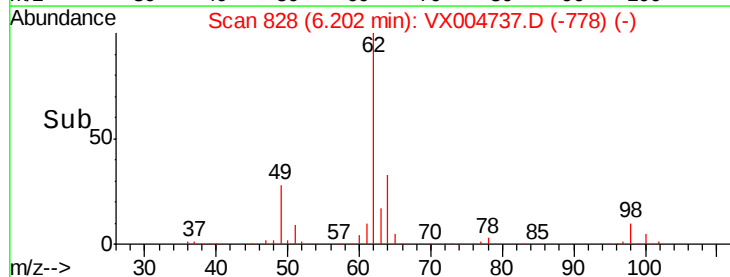


#42  
1,2-Dichloroethane  
Concen: 51.643 ug/l  
RT: 6.20 min Scan# 828  
Delta R.T. 0.01 min  
Lab File: VX004737.D  
Acq: 26 Sep 2018 20:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 249108 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.3   | 0.0   | 20.6   |



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





#43

Isopropyl Acetate

Concen: 51.668 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX004737.D

Acq: 26 Sep 2018 20:09

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

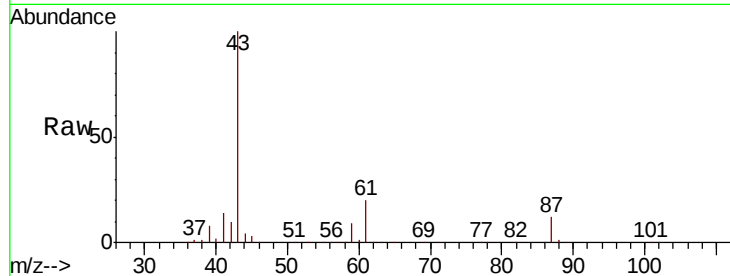
Tot Ion: 43 Resp: 431449

Ion Ratio Lower Upper

43 100

61 20.2 17.0 25.4

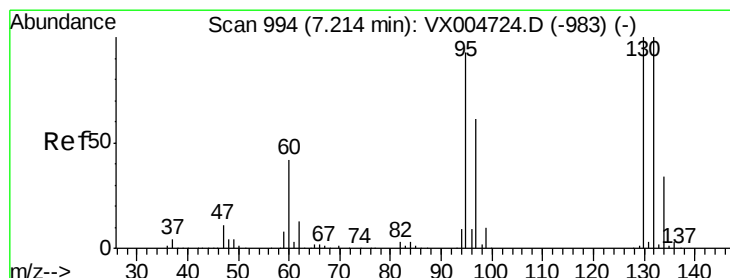
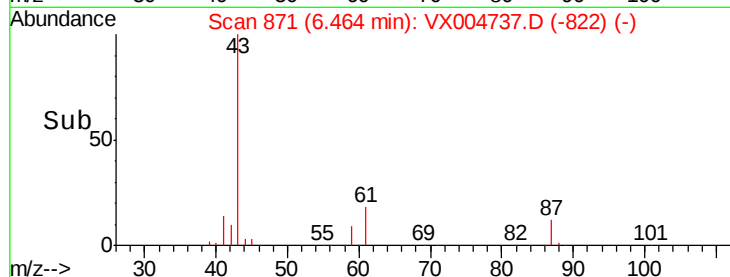
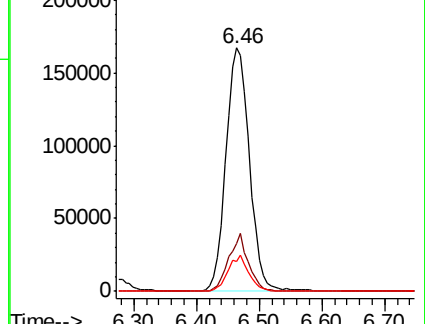
87 13.3 11.4 17.2



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: 51.746 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX004737.D

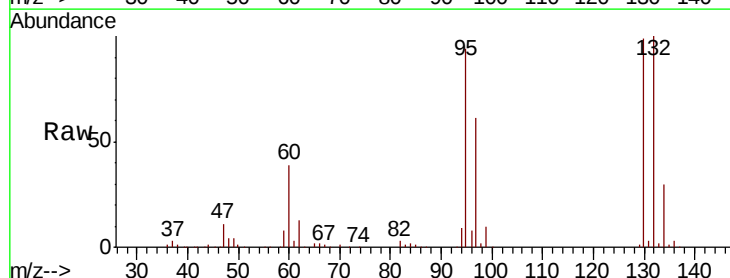
Acq: 26 Sep 2018 20:09

Tgt Ion:130 Resp: 173574

Ion Ratio Lower Upper

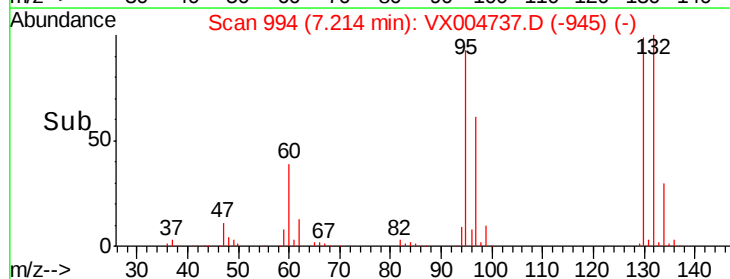
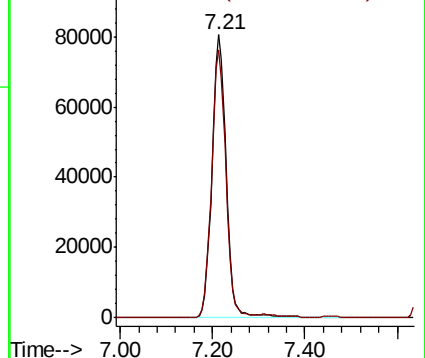
130 100

95 94.6 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 50.694 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX004737.D

Acq: 26 Sep 2018 20:09

Instrument :

MSVOA\_X

ClientSampleId :

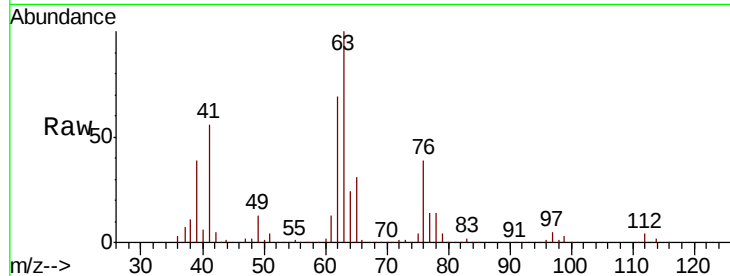
VSTDCCC050EC

Tot Ion: 63 Resp: 169631

Ion Ratio Lower Upper

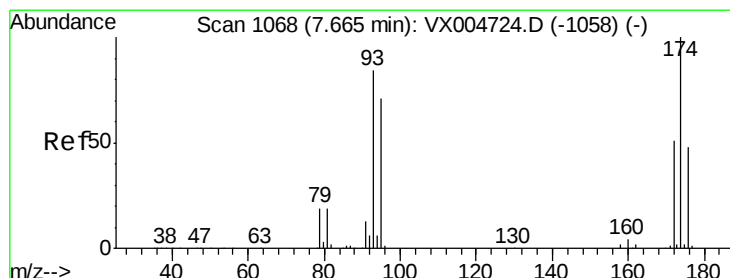
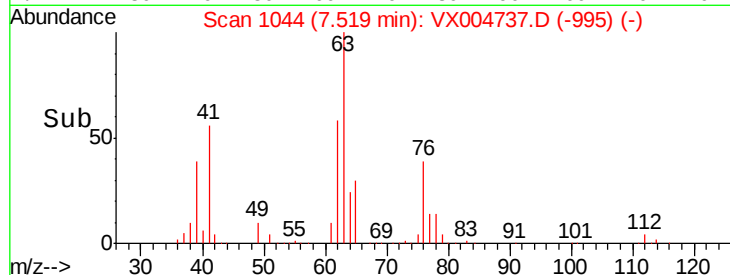
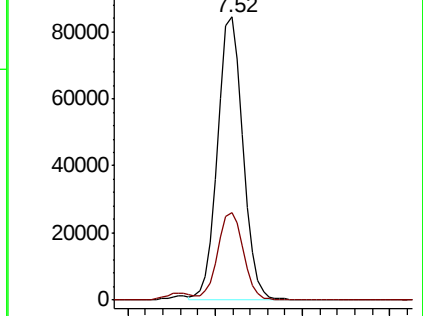
63 100

65 30.9 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 52.199 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX004737.D

Acq: 26 Sep 2018 20:09

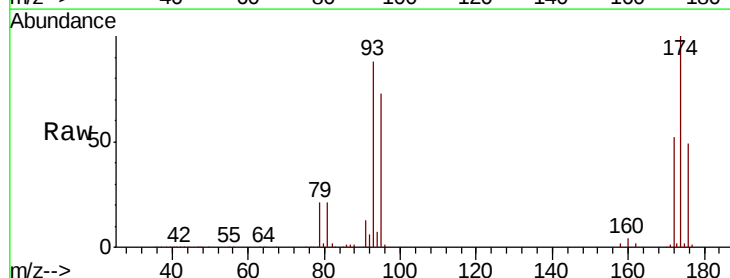
Tgt Ion: 93 Resp: 109773

Ion Ratio Lower Upper

93 100

95 83.3 65.5 98.3

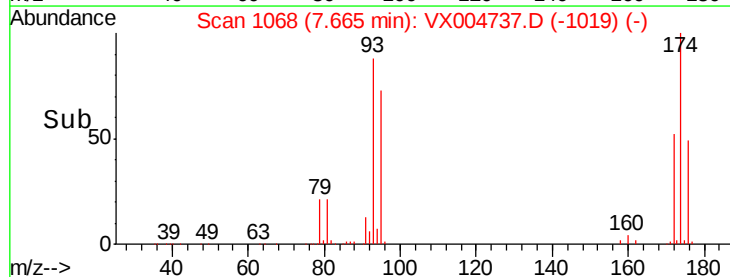
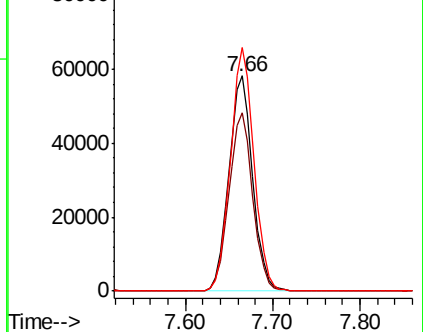
174 112.7 94.2 141.4

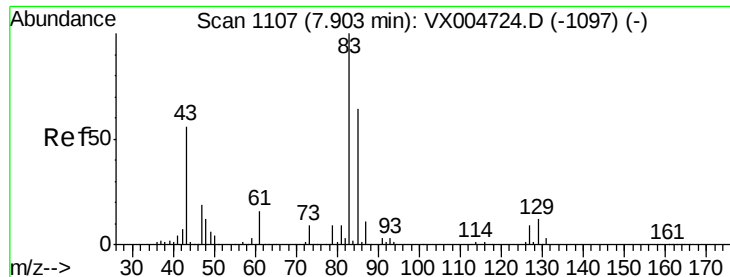


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 53.103 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VX004737.D

Acq: 26 Sep 2018 20:09

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

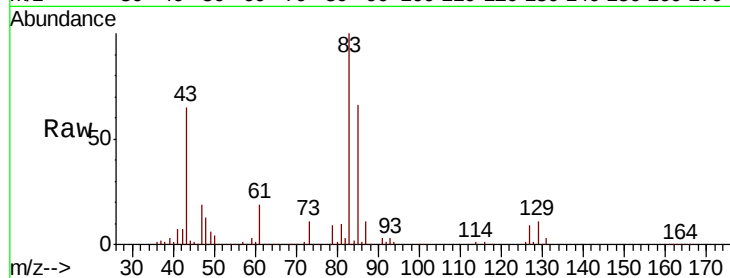
Tot Ion: 83 Resp: 209080

Ion Ratio Lower Upper

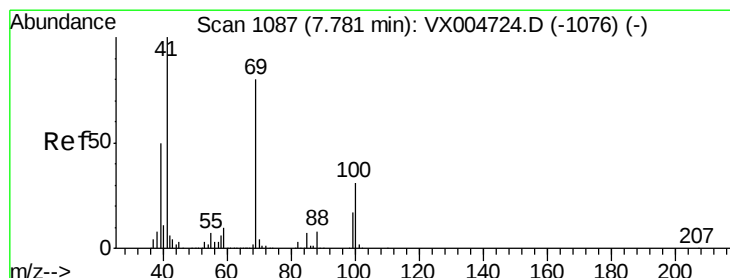
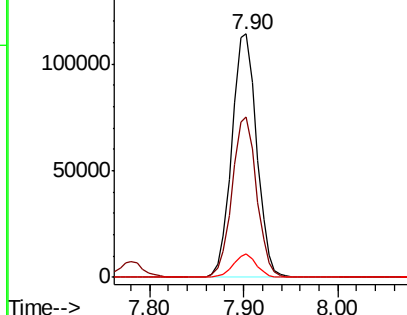
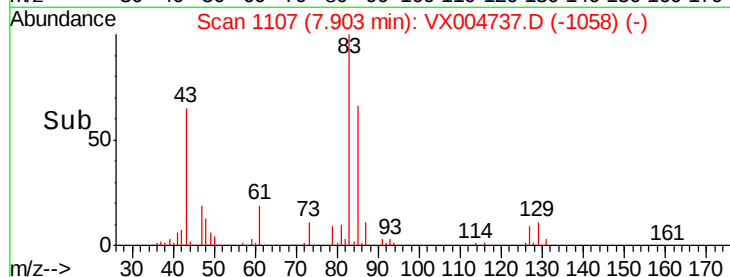
83 100

85 65.6 50.9 76.3

127 9.4 7.3 10.9



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: 58.240 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX004737.D

Acq: 26 Sep 2018 20:09

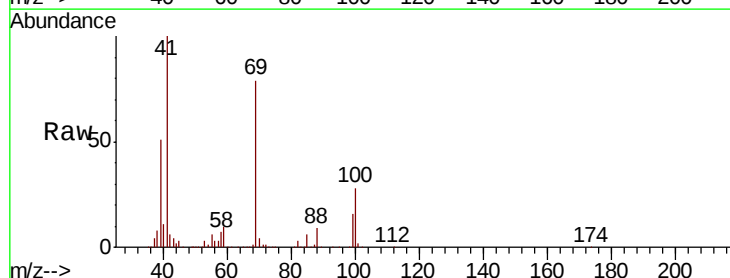
Tgt Ion: 41 Resp: 220738

Ion Ratio Lower Upper

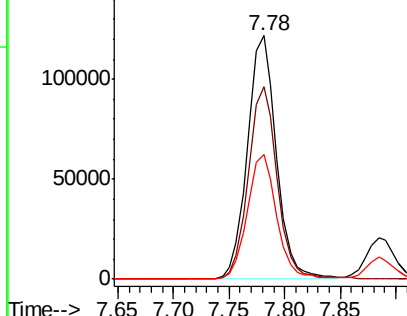
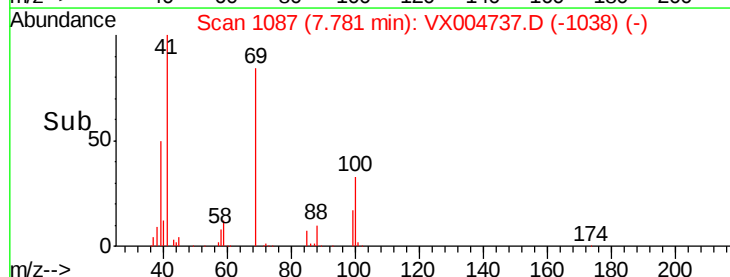
41 100

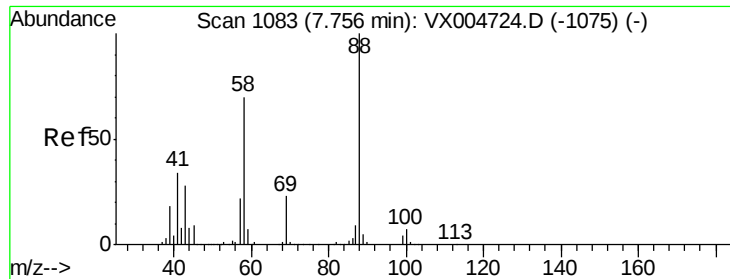
69 79.4 70.2 105.4

39 51.5 42.7 64.1



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

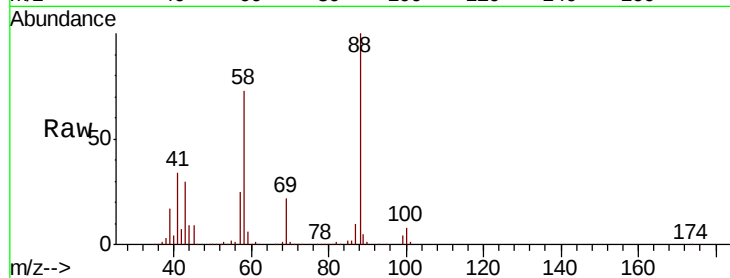




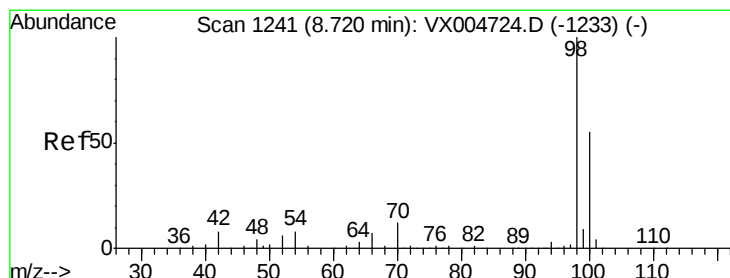
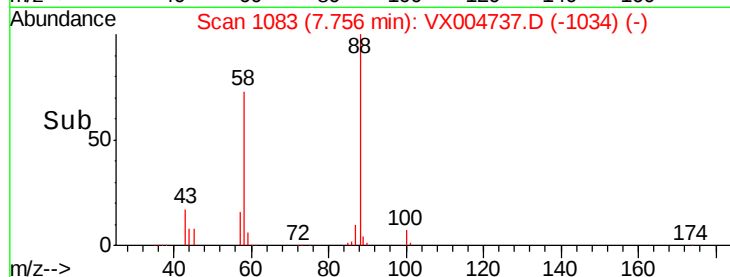
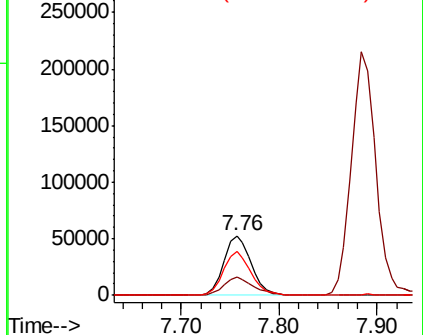
#49  
 1,4-Dioxane  
 Concen: 1091.823 ug/l  
 RT: 7.76 min Scan# 1083  
 Delta R.T. 0.00 min  
 Lab File: VX004737.D  
 Acq: 26 Sep 2018 20:09

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 88 Resp: 102808  
 Ion Ratio Lower Upper  
 88 100  
 43 32.4 24.7 37.1  
 58 73.1 55.3 82.9

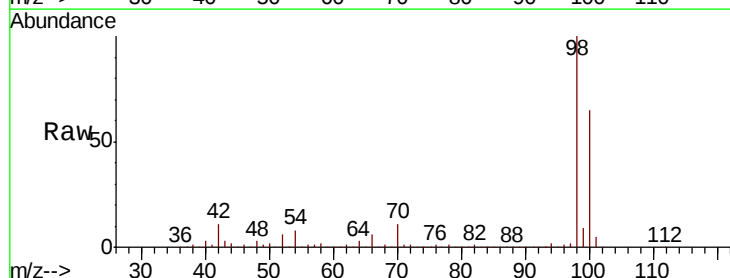


Abundance Ion 88.00 (87.70 to 88.70): VX0  
 Ion 43.00 (42.70 to 43.70): VX0  
 Ion 58.00 (57.70 to 58.70): VX0

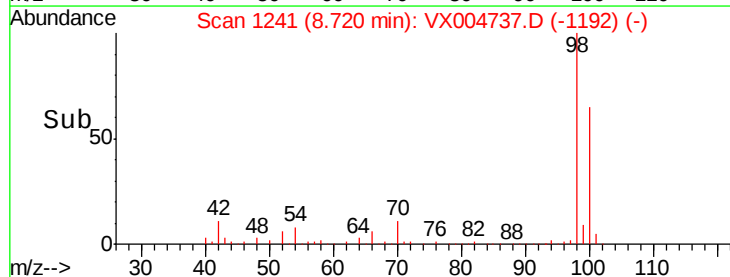
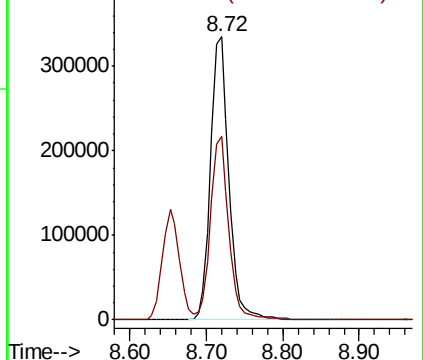


#50  
 Toluene-d8  
 Concen: 52.500 ug/l  
 RT: 8.72 min Scan# 1241  
 Delta R.T. 0.00 min  
 Lab File: VX004737.D  
 Acq: 26 Sep 2018 20:09

Tgt Ion: 98 Resp: 557557  
 Ion Ratio Lower Upper  
 98 100  
 100 65.0 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0  
 Ion 100.00 (99.70 to 100.70): V

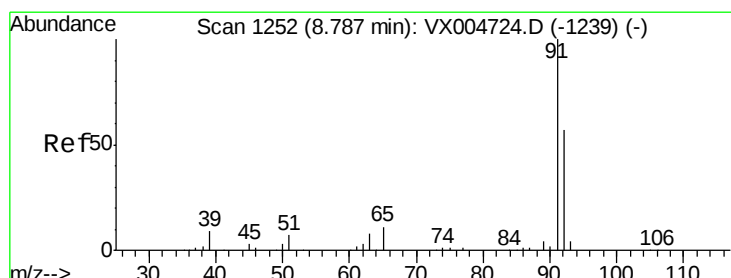
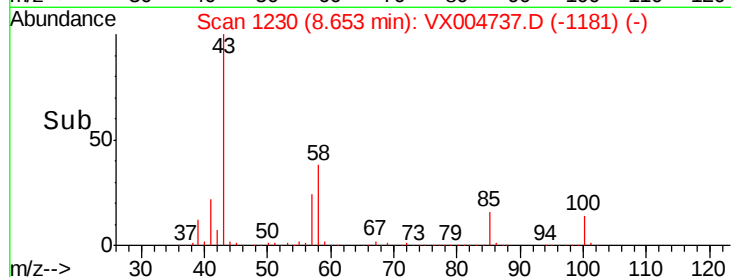
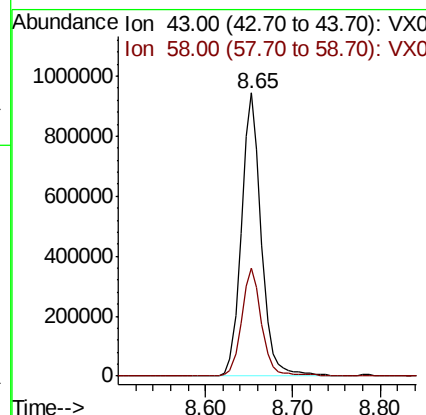
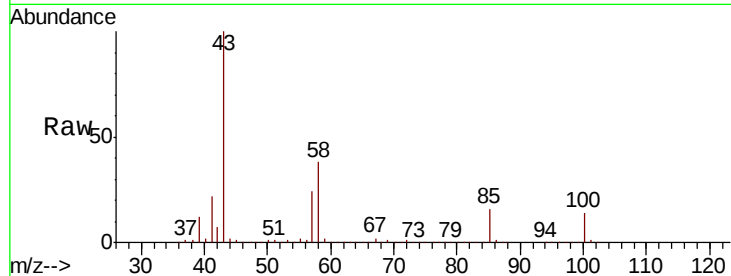




#51  
 4-Methyl-2-Pentanone  
 Concen: 285.869 ug/l  
 RT: 8.65 min Scan# 1230  
 Delta R.T. 0.00 min  
 Lab File: VX004737.D  
 Acq: 26 Sep 2018 20:09

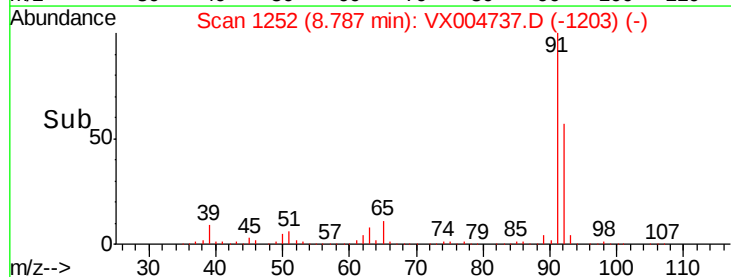
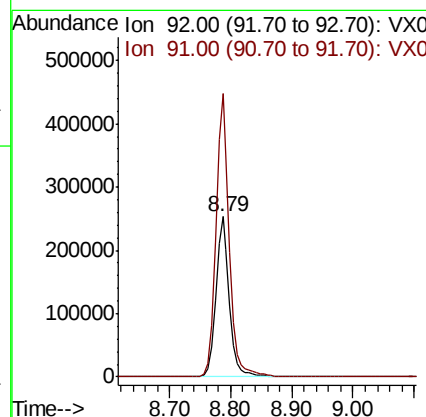
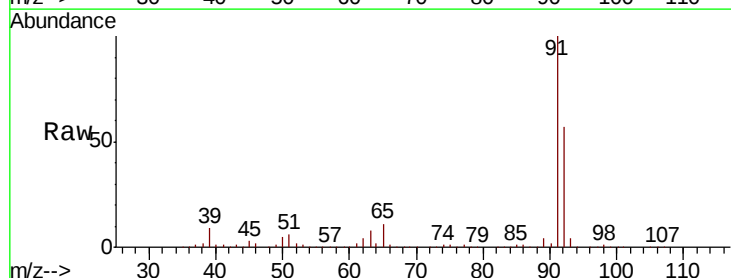
Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050EC

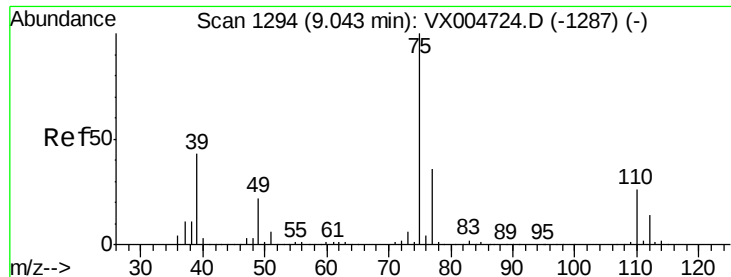
Tot Ion: 43 Resp: 1503045  
 Ion Ratio Lower Upper  
 43 100  
 58 38.5 33.1 49.7



#52  
 Toluene  
 Concen: 52.778 ug/l  
 RT: 8.79 min Scan# 1252  
 Delta R.T. 0.00 min  
 Lab File: VX004737.D  
 Acq: 26 Sep 2018 20:09

Tgt Ion: 92 Resp: 395716  
 Ion Ratio Lower Upper  
 92 100  
 91 175.3 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 53.733 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX004737.D

Acq: 26 Sep 2018 20:09

Instrument :

MSVOA\_X

ClientSampleId :

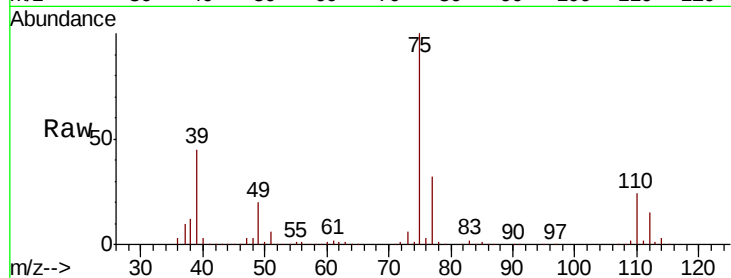
VSTDCCC050EC

Tot Ion: 75 Resp: 239074

Ion Ratio Lower Upper

75 100

77 31.7 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

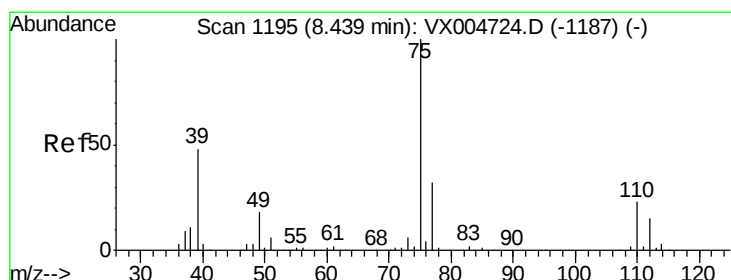
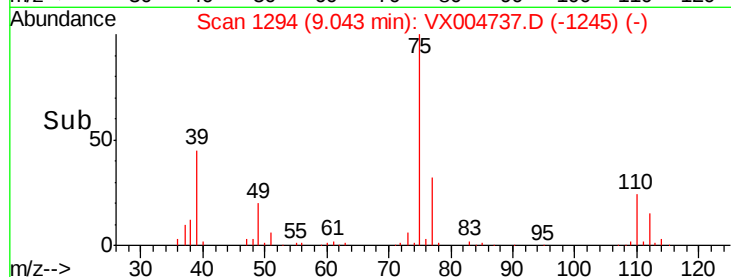
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 54.884 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.00 min

Lab File: VX004737.D

Acq: 26 Sep 2018 20:09

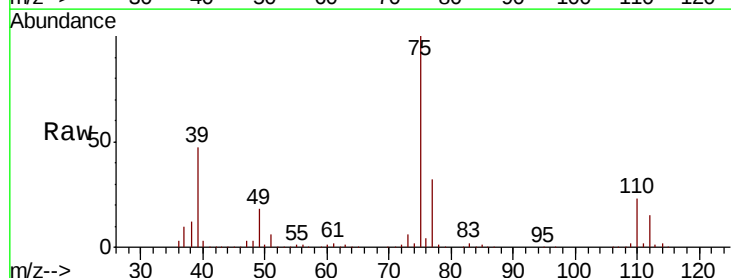
Tgt Ion: 75 Resp: 255776

Ion Ratio Lower Upper

75 100

77 31.9 26.2 39.2

39 47.1 36.4 54.6



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

8.44

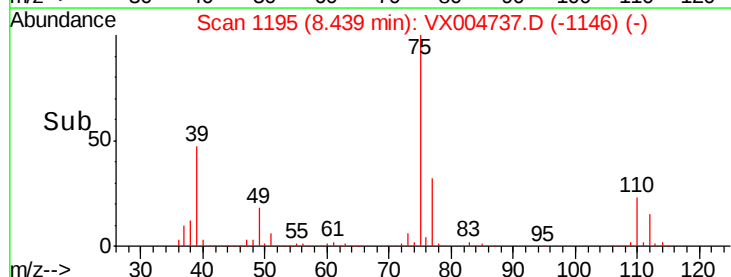
150000

100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 50.109 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX004737.D

Acq: 26 Sep 2018 20:09

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 164572

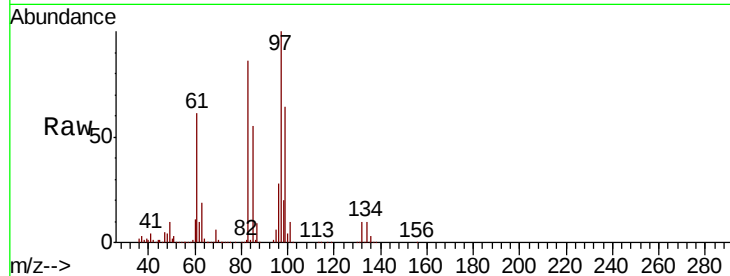
Ion Ratio Lower Upper

97 100

83 85.6 66.4 99.6

85 55.5 43.3 64.9

99 64.0 49.0 73.4

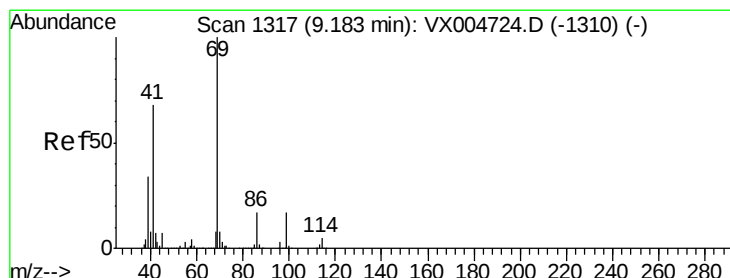
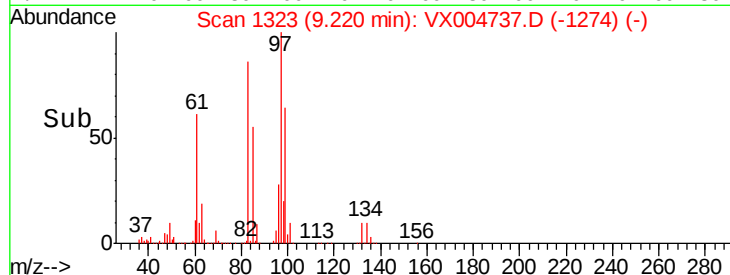
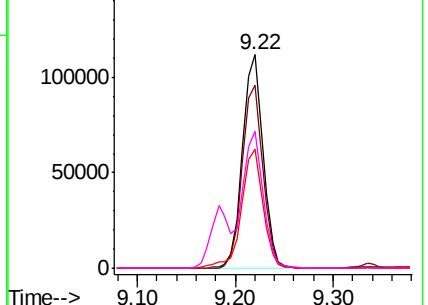


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 49.346 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VX004737.D

Acq: 26 Sep 2018 20:09

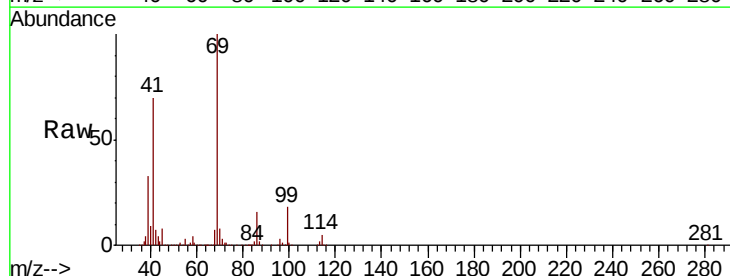
Tgt Ion: 69 Resp: 262778

Ion Ratio Lower Upper

69 100

41 69.4 51.0 76.4

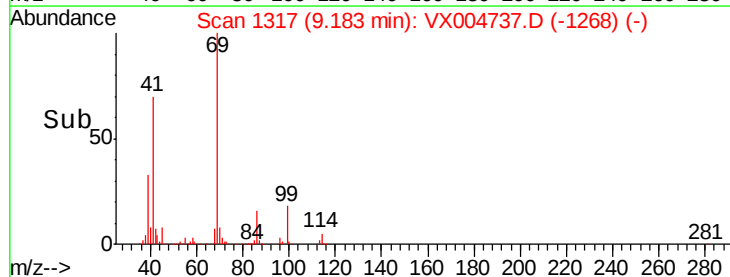
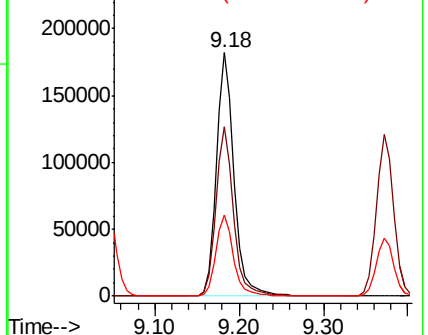
39 33.6 26.1 39.1

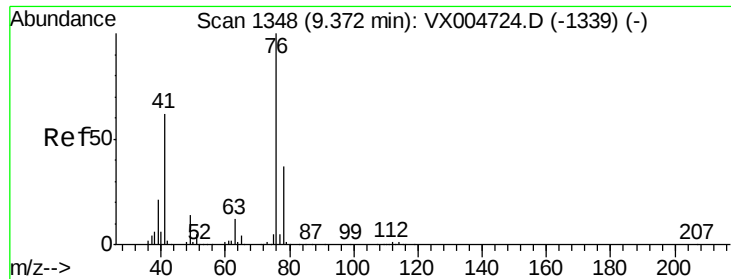


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.352 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX004737.D

Acq: 26 Sep 2018 20:09

Instrument :

MSVOA\_X

ClientSampleId :

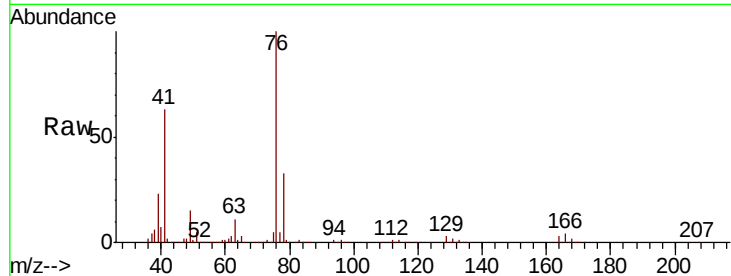
VSTDCCC050EC

Tot Ion: 76 Resp: 275226

Ion Ratio Lower Upper

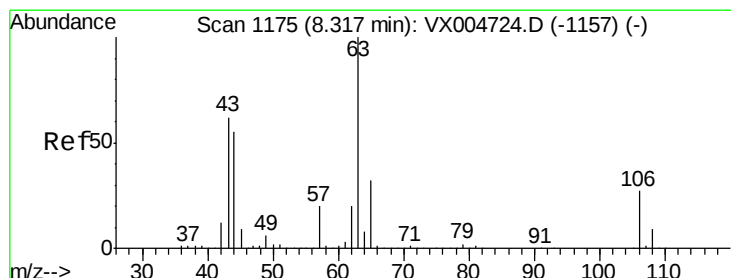
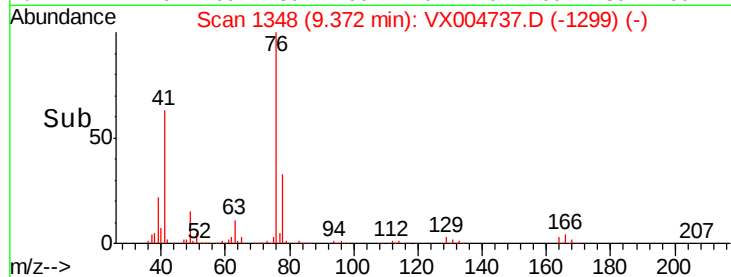
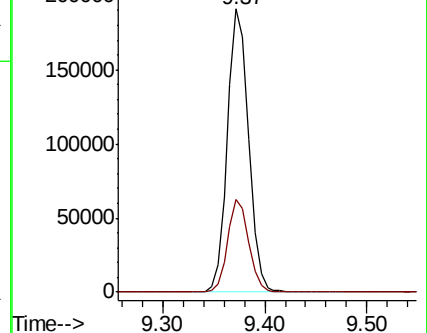
76 100

78 32.7 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 264.105 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VX004737.D

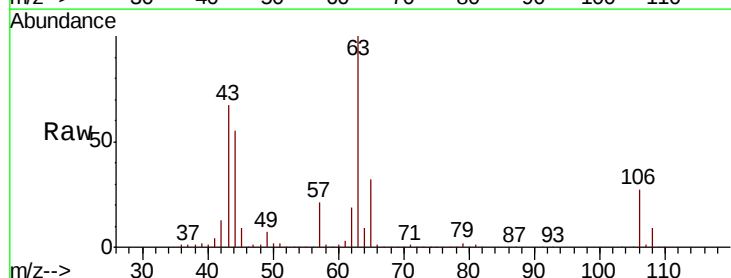
Acq: 26 Sep 2018 20:09

Tgt Ion: 63 Resp: 749791

Ion Ratio Lower Upper

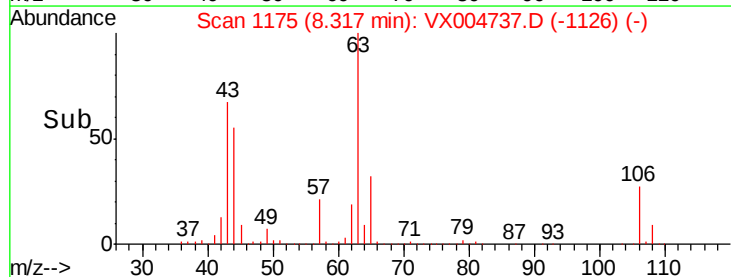
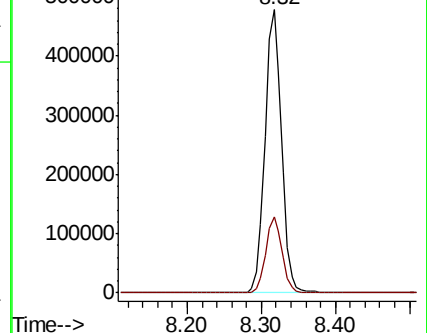
63 100

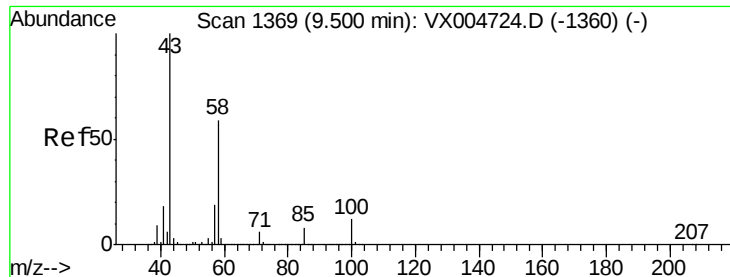
106 26.4 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

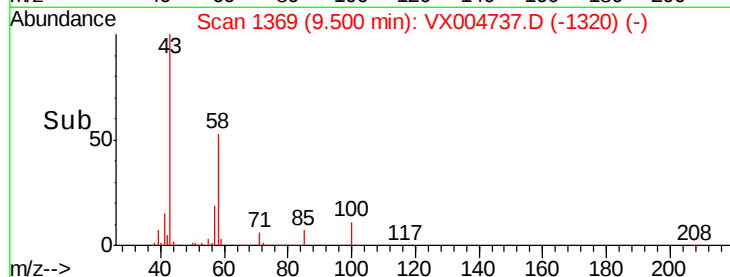
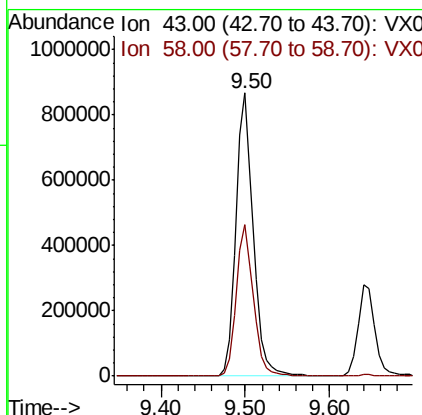
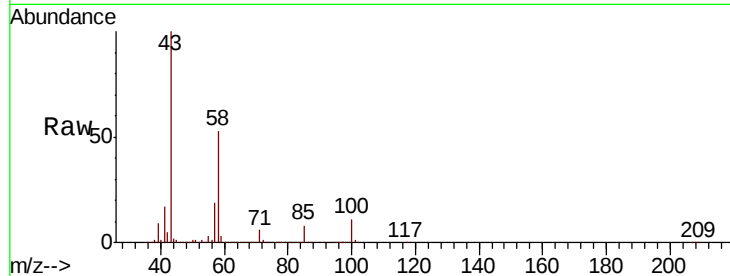




#59  
2-Hexanone  
Concen: 273.112 ug/l  
RT: 9.50 min Scan# 1369  
Delta R.T. 0.00 min  
Lab File: VX004737.D  
Acq: 26 Sep 2018 20:09

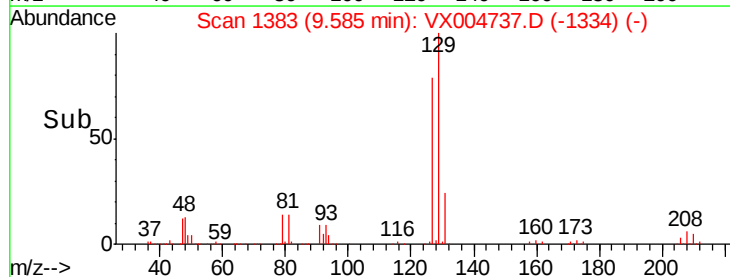
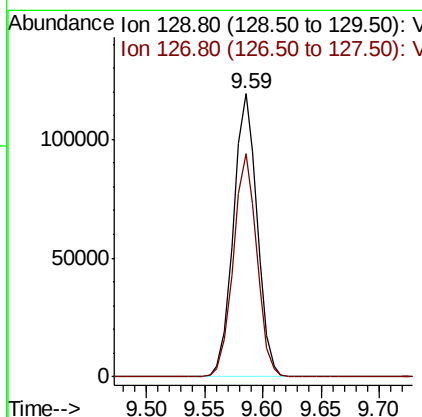
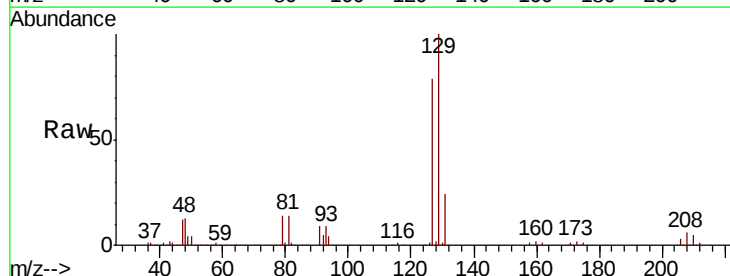
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

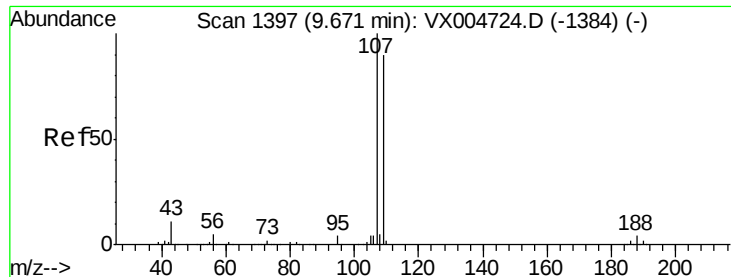
Tot Ion: 43 Resp: 1196622  
Ion Ratio Lower Upper  
43 100  
58 53.1 29.0 87.0



#60  
Dibromochloromethane  
Concen: 51.658 ug/l  
RT: 9.59 min Scan# 1383  
Delta R.T. 0.00 min  
Lab File: VX004737.D  
Acq: 26 Sep 2018 20:09

Tgt Ion: 129 Resp: 169670  
Ion Ratio Lower Upper  
129 100  
127 77.9 38.5 115.5





#61

1,2-Dibromoethane

Concen: 48.495 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX004737.D

Acq: 26 Sep 2018 20:09

Instrument :

MSVOA\_X

ClientSampleId :

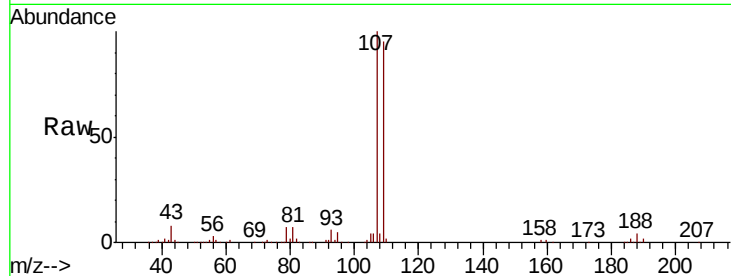
VSTDCCC050EC

Tot Ion:107 Resp: 170569

Ion Ratio Lower Upper

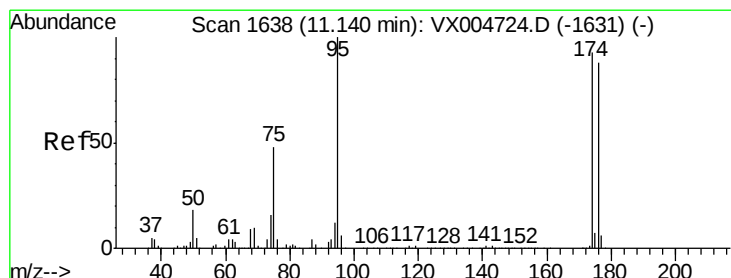
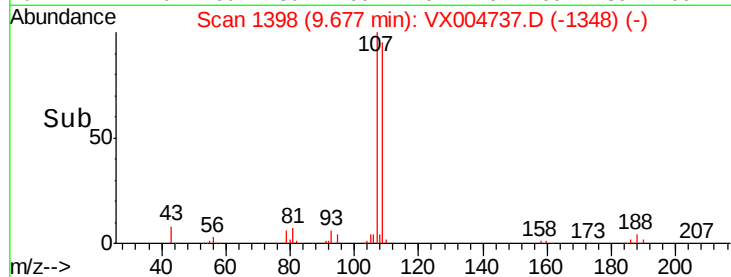
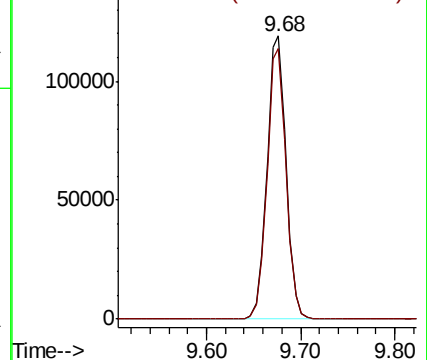
107 100

109 94.7 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.841 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004737.D

Acq: 26 Sep 2018 20:09

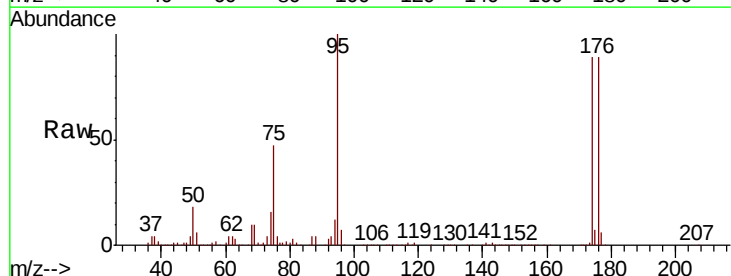
Tgt Ion: 95 Resp: 205994

Ion Ratio Lower Upper

95 100

174 89.9 0.0 185.2

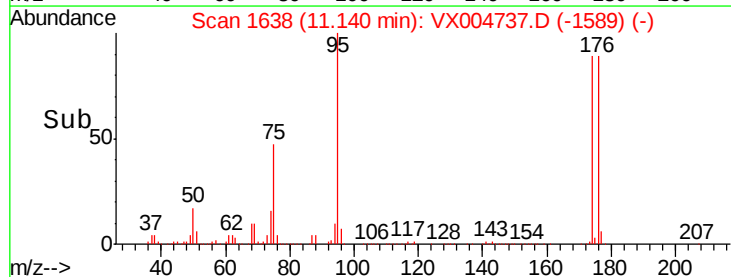
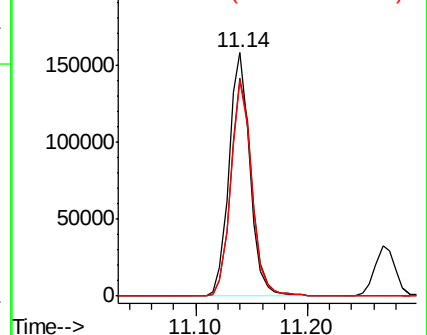
176 87.9 0.0 178.6

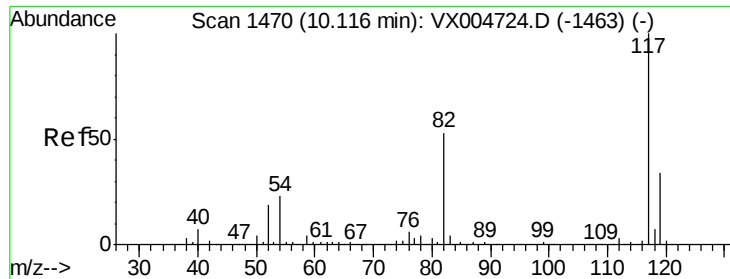


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

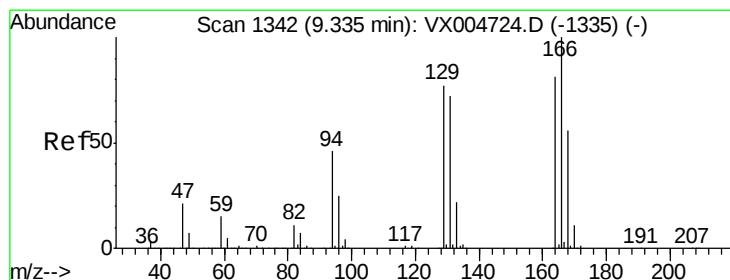
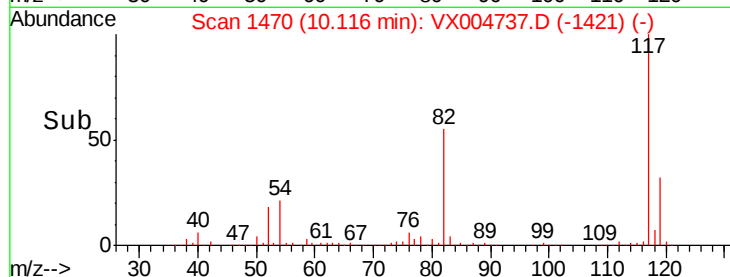
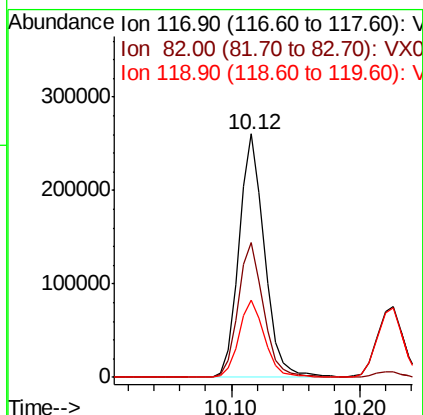
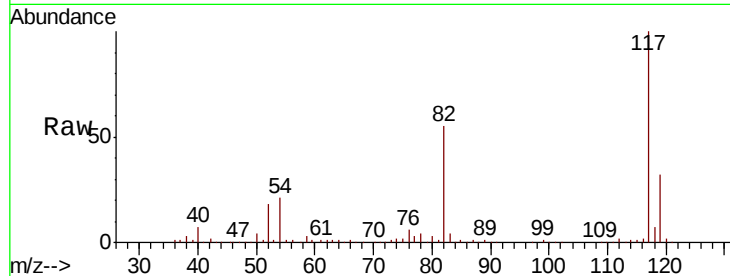




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1470  
Delta R.T. 0.00 min  
Lab File: VX004737.D  
Acq: 26 Sep 2018 20:09

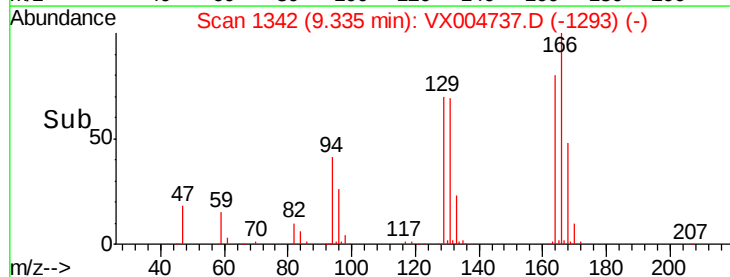
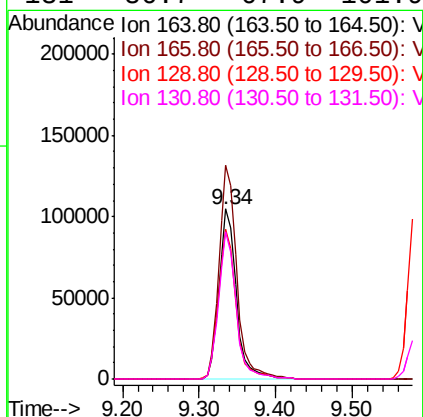
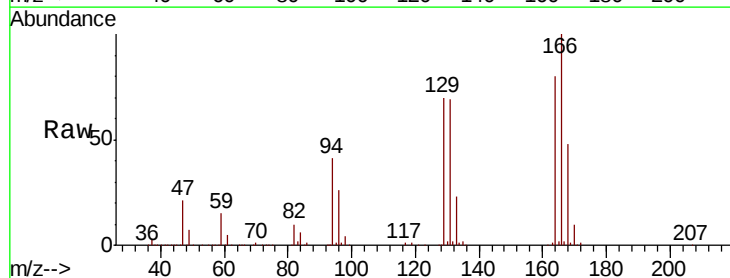
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:117 Resp: 356273  
Ion Ratio Lower Upper  
117 100  
82 55.3 47.8 71.6  
119 31.6 29.3 43.9



#64  
Tetrachloroethene  
Concen: 47.228 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. 0.00 min  
Lab File: VX004737.D  
Acq: 26 Sep 2018 20:09

Tgt Ion:164 Resp: 165605  
Ion Ratio Lower Upper  
164 100  
166 125.7 102.8 154.2  
129 88.4 69.4 104.0  
131 86.7 67.9 101.9





#65

Chlorobenzene

Concen: 48.168 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX004737.D

Acq: 26 Sep 2018 20:09

Instrument :

MSVOA\_X

ClientSampleId :

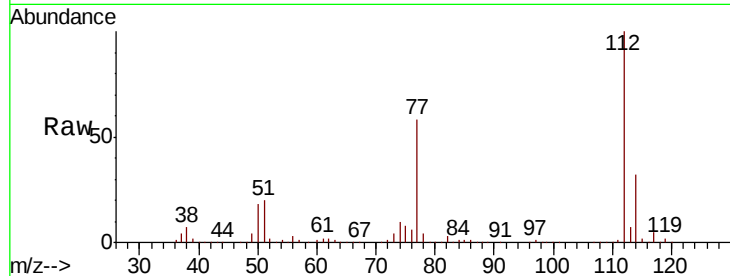
VSTDCCC050EC

Tot Ion:112 Resp: 440054

Ion Ratio Lower Upper

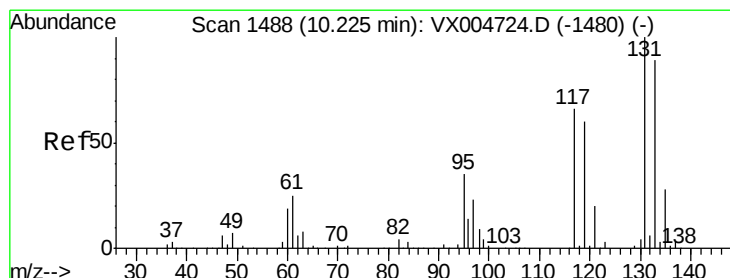
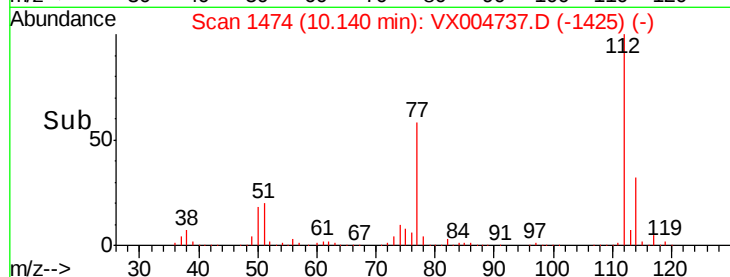
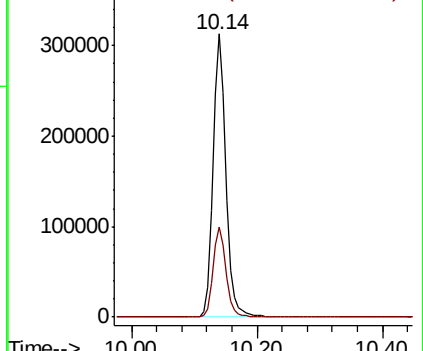
112 100

114 32.0 27.8 41.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.568 ug/l

RT: 10.23 min Scan# 1488

Delta R.T. 0.00 min

Lab File: VX004737.D

Acq: 26 Sep 2018 20:09

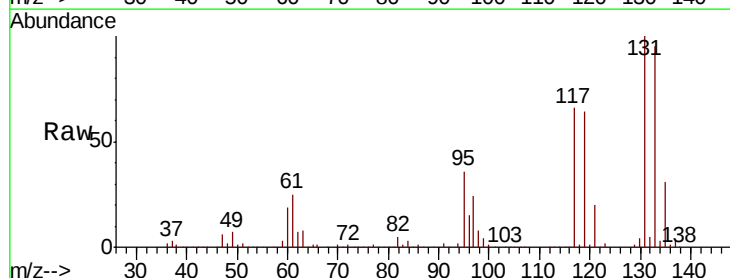
Tgt Ion:131 Resp: 159201

Ion Ratio Lower Upper

131 100

133 94.8 48.1 144.4

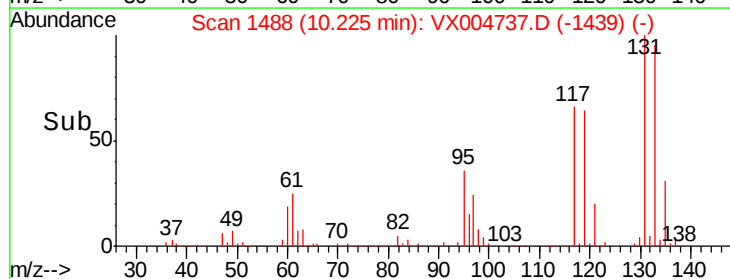
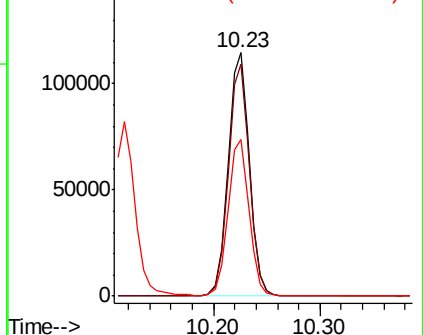
119 64.6 32.9 98.6

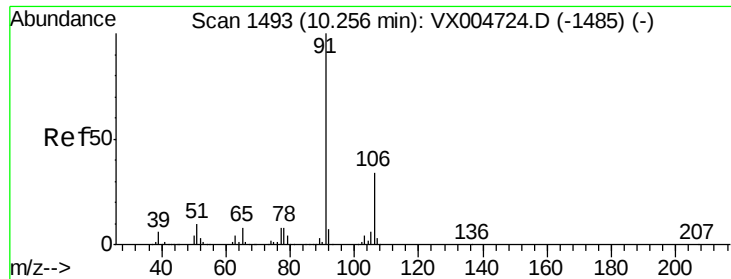


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

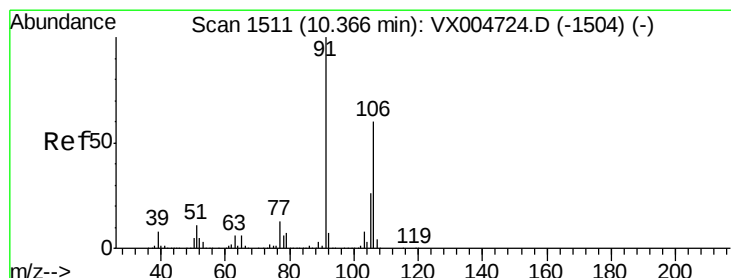
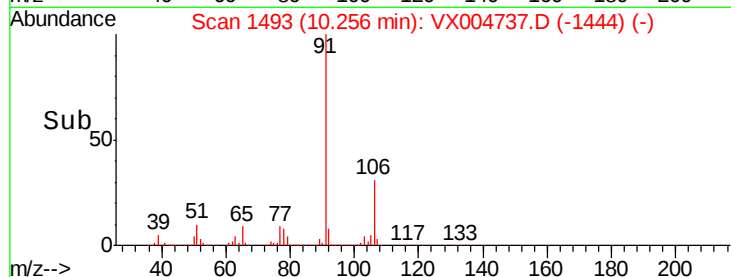
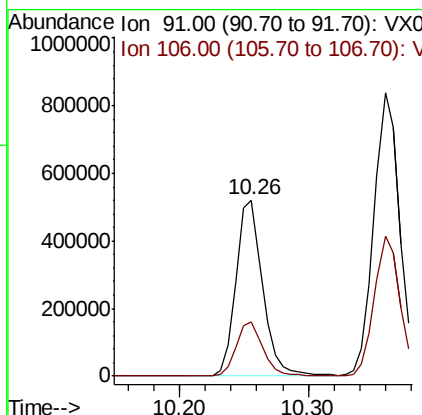
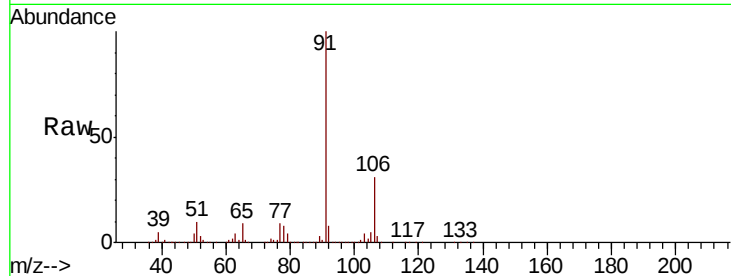




#67  
Ethyl Benzene  
Concen: 52.047 ug/l  
RT: 10.26 min Scan# 1493  
Delta R.T. 0.00 min  
Lab File: VX004737.D  
Acq: 26 Sep 2018 20:09

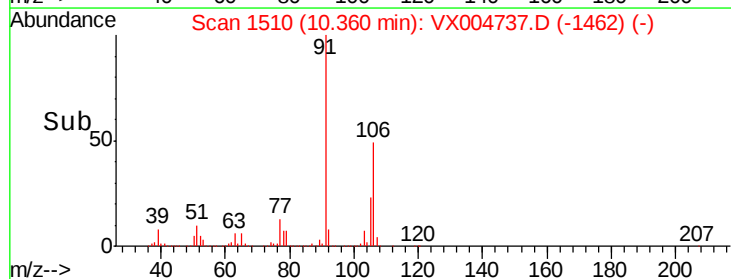
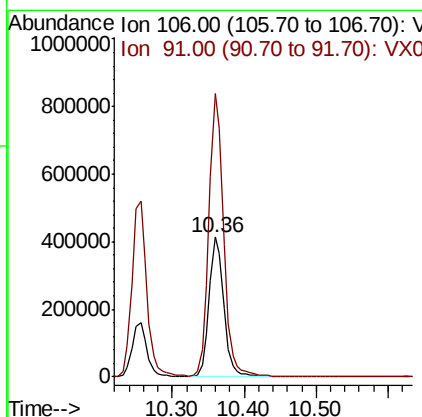
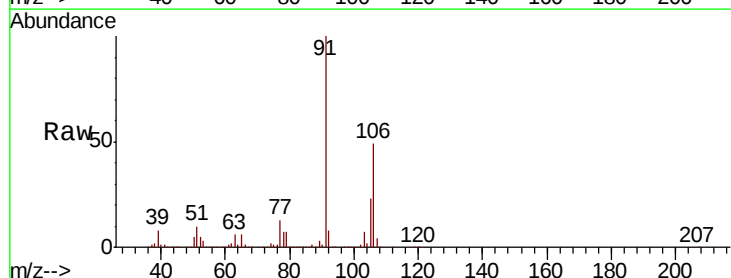
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 91 Resp: 754899  
Ion Ratio Lower Upper  
91 100  
106 31.1 25.9 38.9



#68  
m/p-Xylenes  
Concen: 104.188 ug/l  
RT: 10.36 min Scan# 1510  
Delta R.T. -0.01 min  
Lab File: VX004737.D  
Acq: 26 Sep 2018 20:09

Tgt Ion: 106 Resp: 590522  
Ion Ratio Lower Upper  
106 100  
91 202.8 157.1 235.7

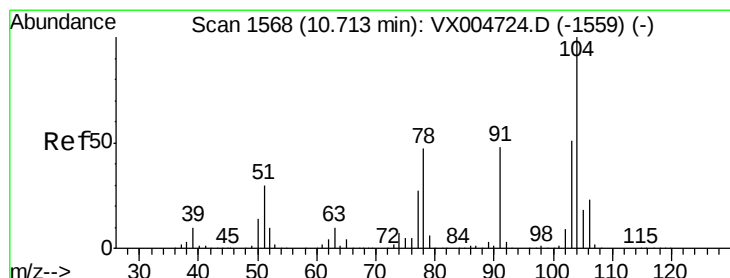
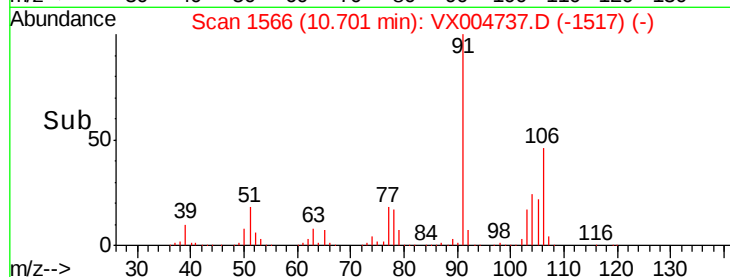
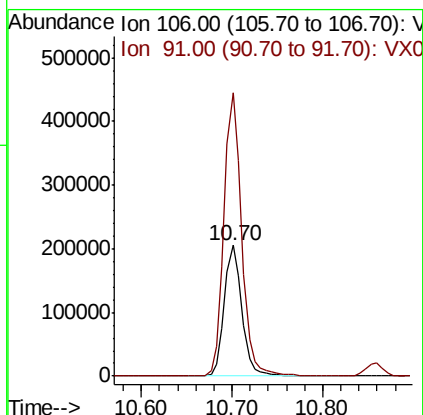
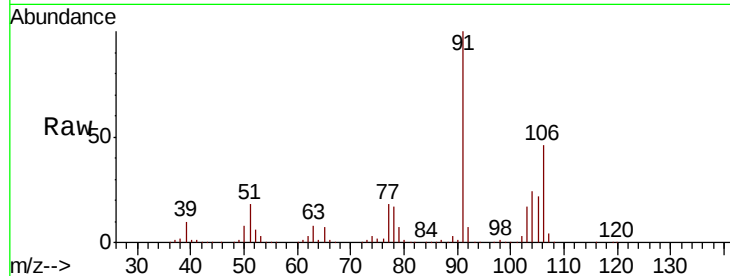




#69  
o-Xylene  
Concen: 53.964 ug/l  
RT: 10.70 min Scan# 1566  
Delta R.T. 0.00 min  
Lab File: VX004737.D  
Acq: 26 Sep 2018 20:09

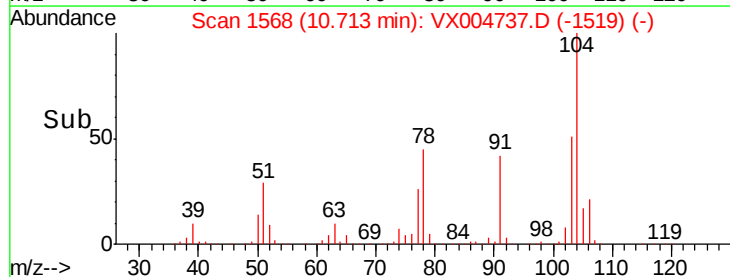
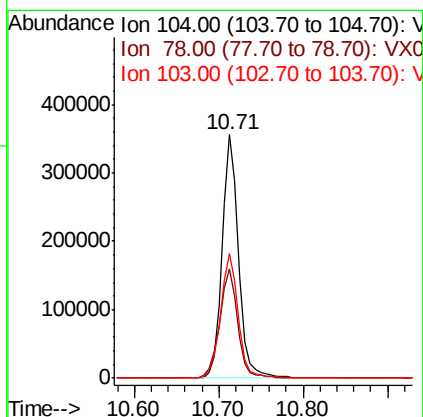
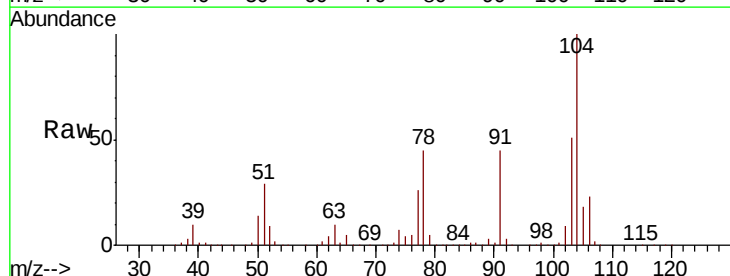
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:106 Resp: 280930  
Ion Ratio Lower Upper  
106 100  
91 216.5 105.1 315.1



#70  
Styrene  
Concen: 49.234 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. 0.00 min  
Lab File: VX004737.D  
Acq: 26 Sep 2018 20:09

Tgt Ion:104 Resp: 479041  
Ion Ratio Lower Upper  
104 100  
78 49.7 37.4 56.0  
103 55.4 43.8 65.6

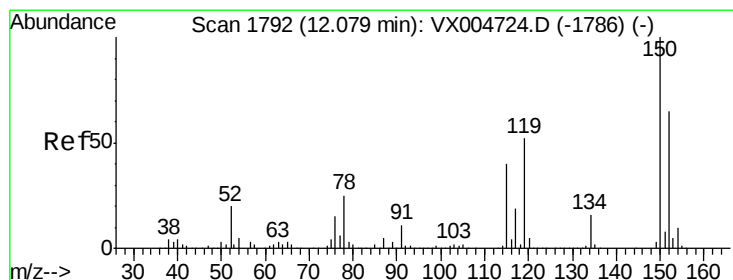
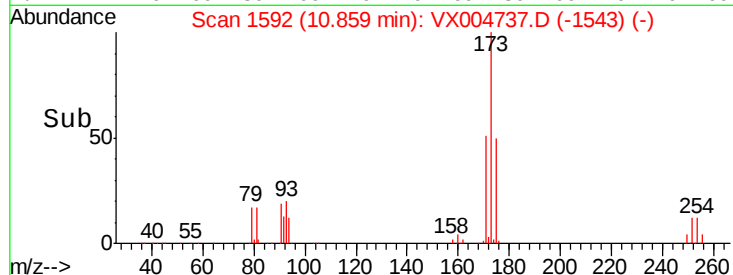
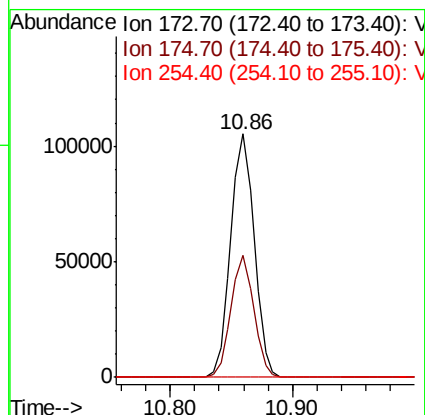
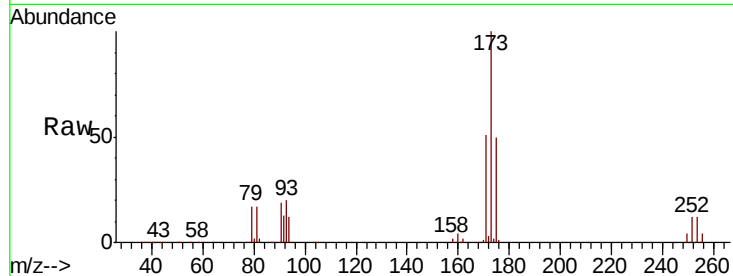




#71  
Bromoform  
Concen: 50.795 ug/l  
RT: 10.86 min Scan# 1592  
Delta R.T. 0.00 min  
Lab File: VX004737.D  
Acq: 26 Sep 2018 20:09

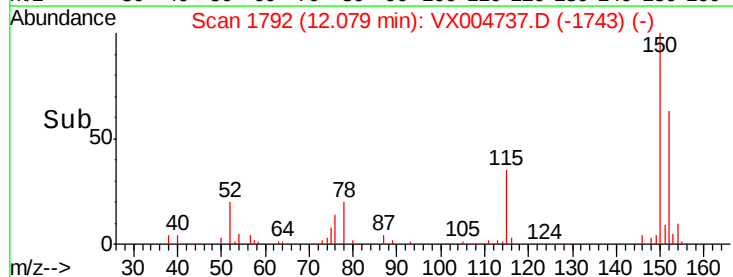
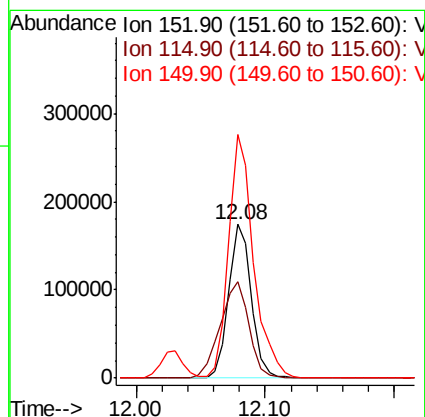
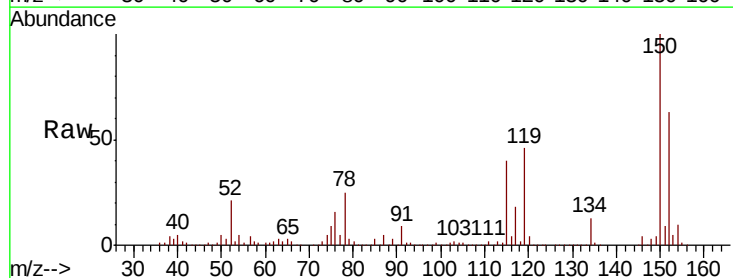
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:173 Resp: 139669  
Ion Ratio Lower Upper  
173 100  
175 48.8 24.1 72.3  
254 0.1 0.2 0.2#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.08 min Scan# 1792  
Delta R.T. 0.00 min  
Lab File: VX004737.D  
Acq: 26 Sep 2018 20:09

Tgt Ion:152 Resp: 216389  
Ion Ratio Lower Upper  
152 100  
115 79.3 39.0 117.0  
150 174.5 0.0 351.0





#73

Isopropylbenzene

Concen: 55.272 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004737.D

Acq: 26 Sep 2018 20:09

Instrument :

MSVOA\_X

ClientSampleId :

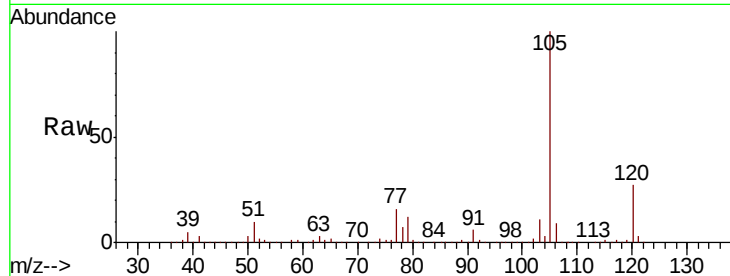
VSTDCCC050EC

Tot Ion: 105 Resp: 753875

Ion Ratio Lower Upper

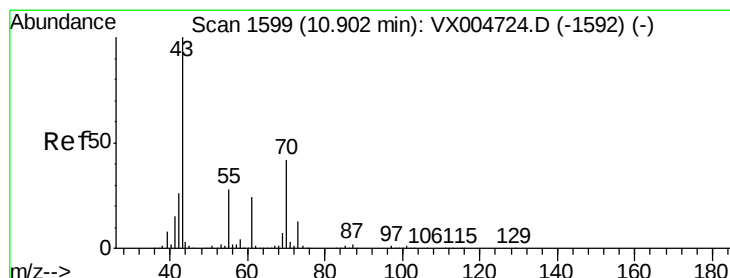
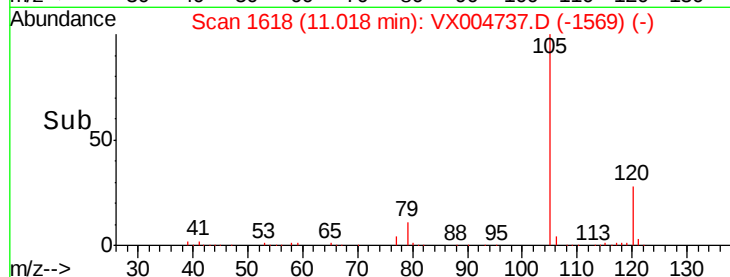
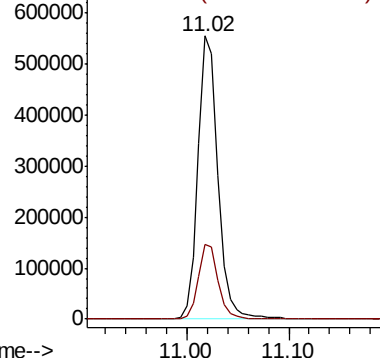
105 100

120 26.4 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.230 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX004737.D

Acq: 26 Sep 2018 20:09

Tgt Ion: 43 Resp: 376624

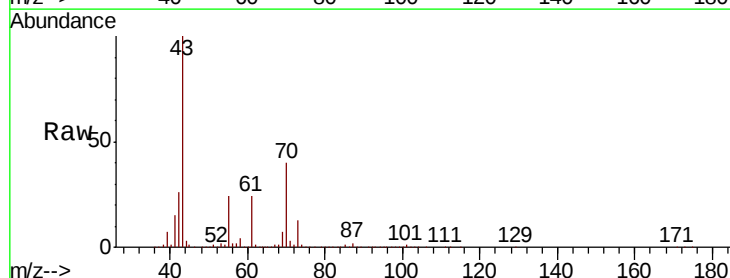
Ion Ratio Lower Upper

43 100

70 40.0 37.4 56.0

55 24.8 21.8 32.8

61 23.2 20.6 30.8

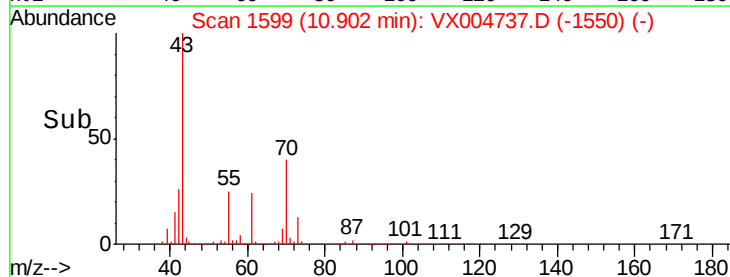
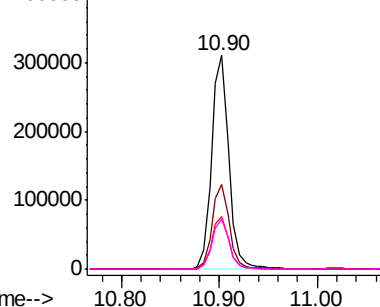


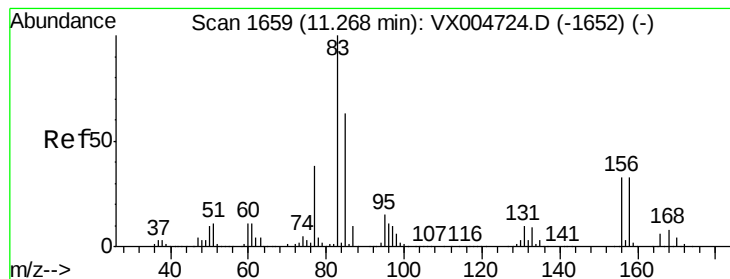
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 48.748 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX004737.D

Acq: 26 Sep 2018 20:09

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

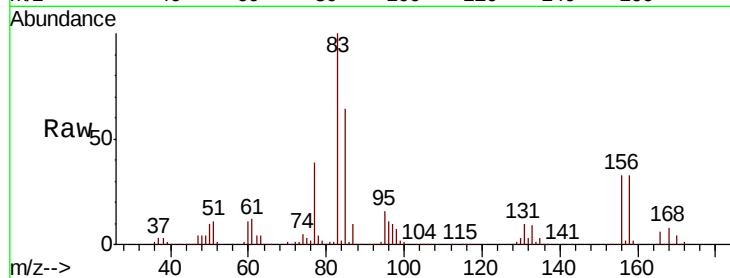
Tot Ion: 83 Resp: 270652

Ion Ratio Lower Upper

83 100

131 10.3 5.2 15.6

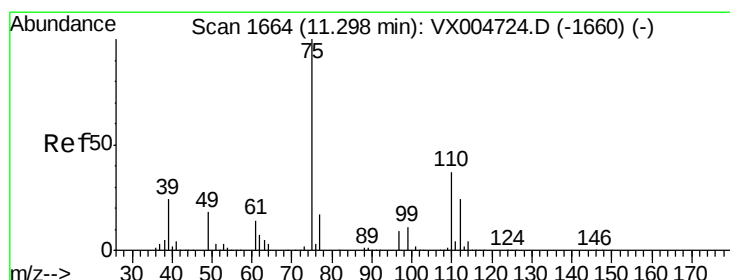
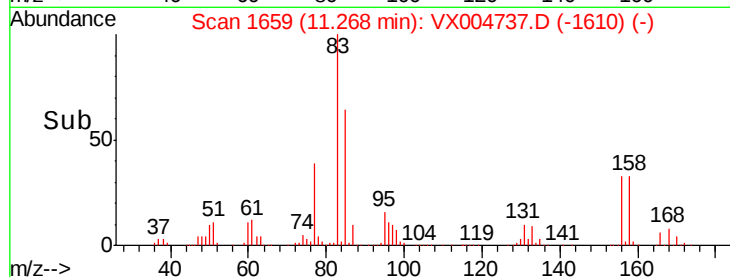
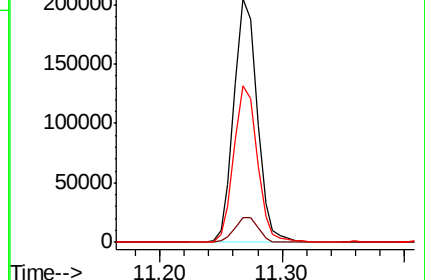
85 64.7 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 65.158 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX004737.D

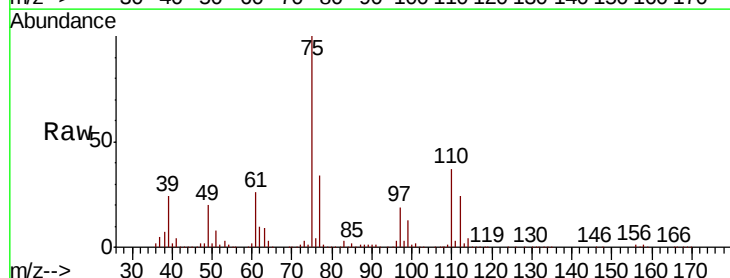
Acq: 26 Sep 2018 20:09

Tgt Ion: 75 Resp: 316022

Ion Ratio Lower Upper

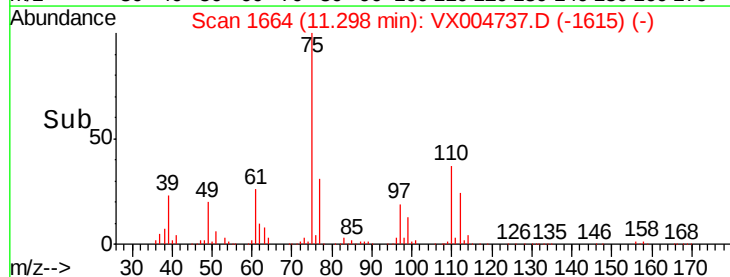
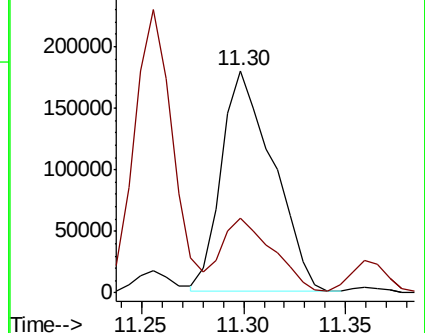
75 100

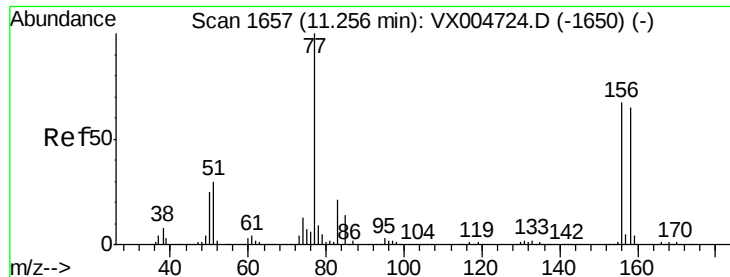
77 33.6 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.986 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX004737.D

Acq: 26 Sep 2018 20:09

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

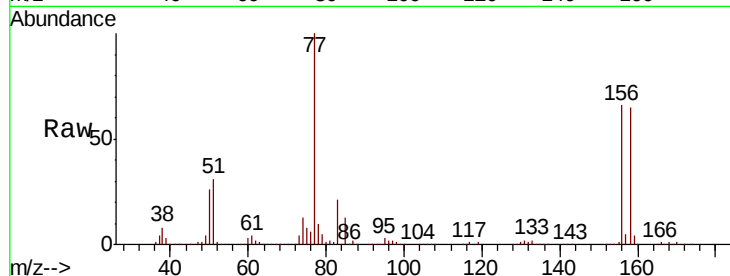
Tot Ion:156 Resp: 201988

Ion Ratio Lower Upper

156 100

77 148.9 71.5 214.3

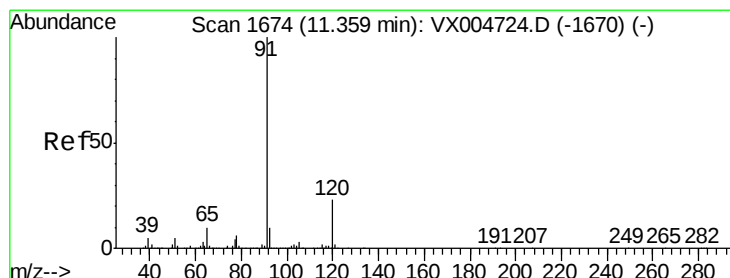
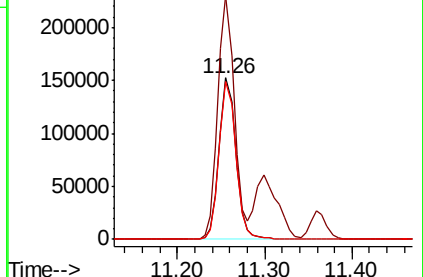
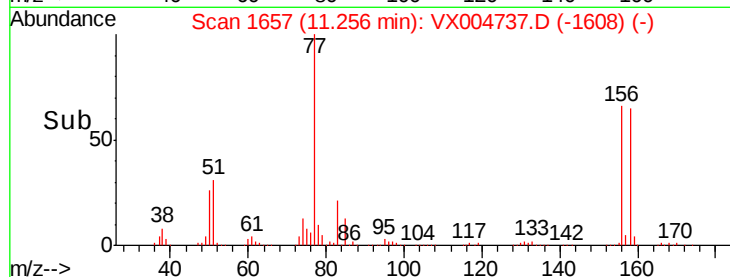
158 97.8 48.9 146.8



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: 55.486 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004737.D

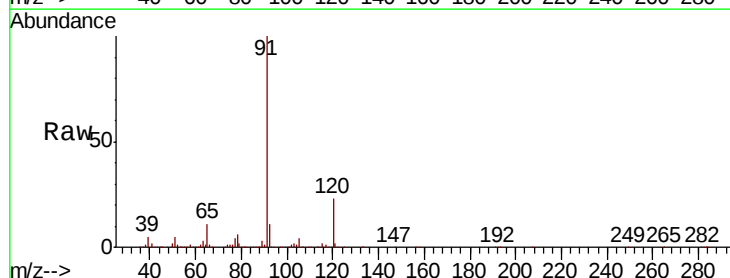
Acq: 26 Sep 2018 20:09

Tgt Ion: 91 Resp: 868328

Ion Ratio Lower Upper

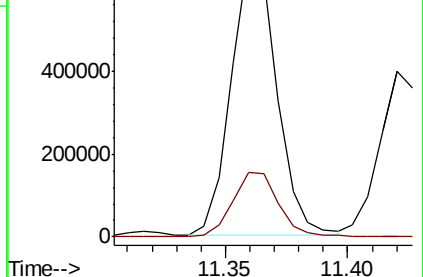
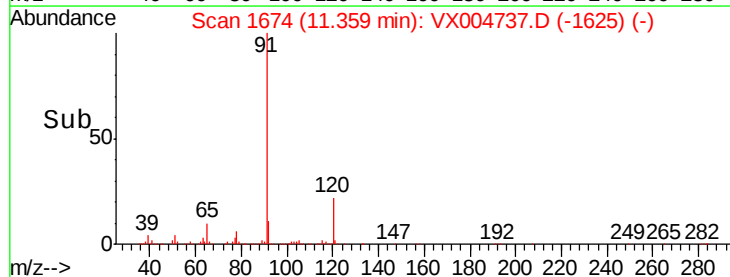
91 100

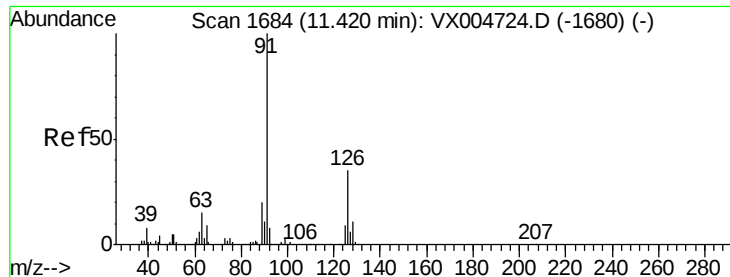
120 23.7 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

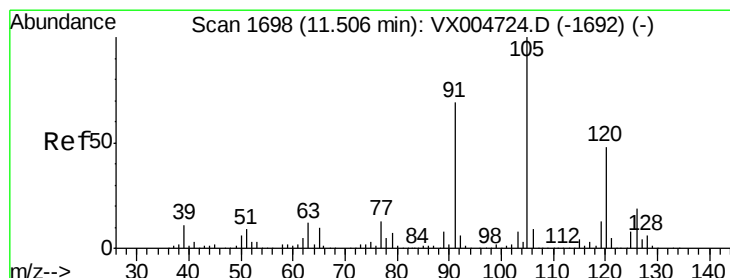
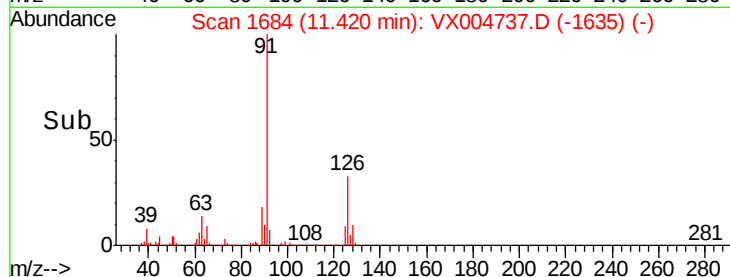
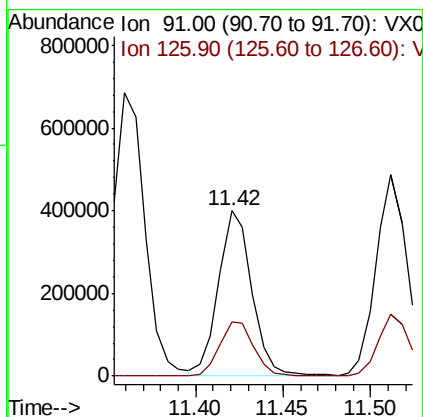
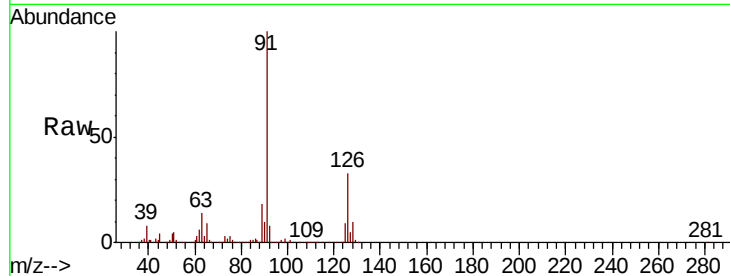




#79  
 2-Chlorotoluene  
 Concen: 53.784 ug/l  
 RT: 11.42 min Scan# 1684  
 Delta R.T. 0.00 min  
 Lab File: VX004737.D  
 Acq: 26 Sep 2018 20:09

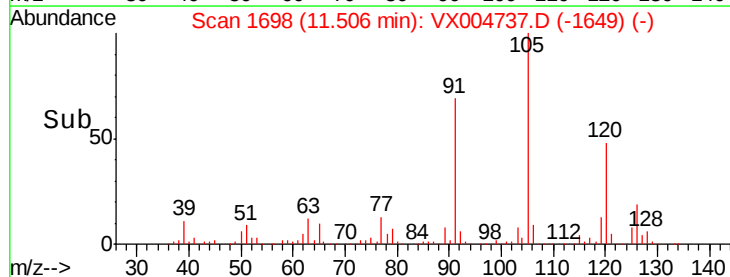
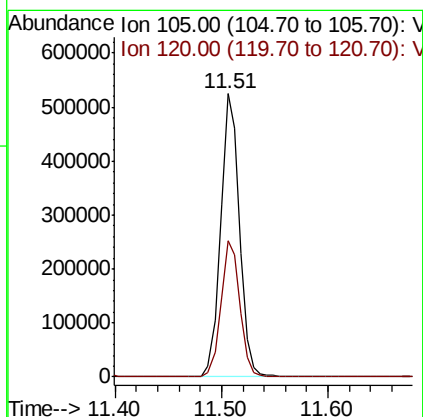
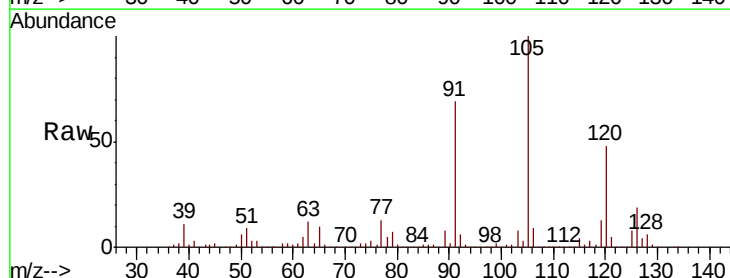
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

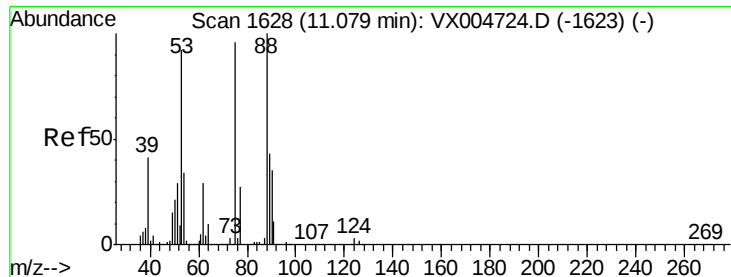
Tot Ion: 91 Resp: 524640  
 Ion Ratio Lower Upper  
 91 100  
 126 34.5 17.9 53.7



#80  
 1,3,5-Trimethylbenzene  
 Concen: 51.545 ug/l  
 RT: 11.51 min Scan# 1698  
 Delta R.T. 0.00 min  
 Lab File: VX004737.D  
 Acq: 26 Sep 2018 20:09

Tgt Ion: 105 Resp: 644281  
 Ion Ratio Lower Upper  
 105 100  
 120 48.4 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 45.797 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VX004737.D

Acq: 26 Sep 2018 20:09

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

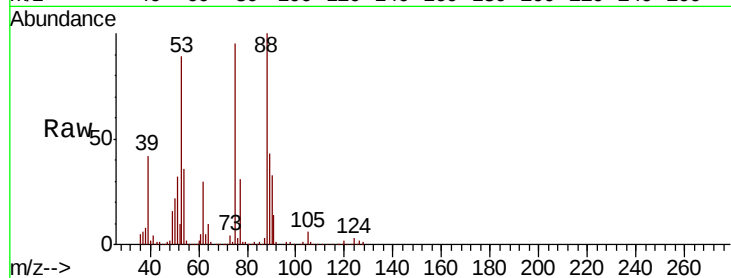
Tot Ion: 75 Resp: 81131

Ion Ratio Lower Upper

75 100

53 98.2 80.1 120.1

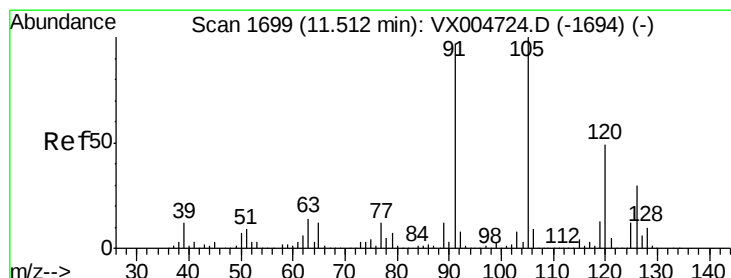
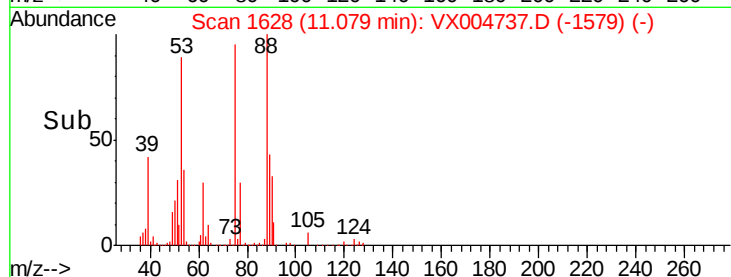
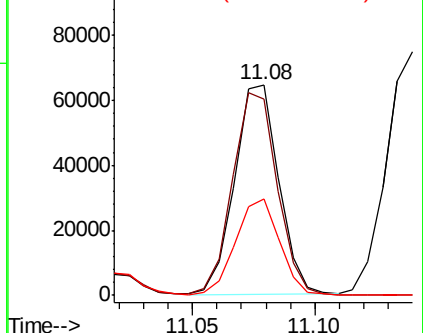
89 45.9 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 53.767 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX004737.D

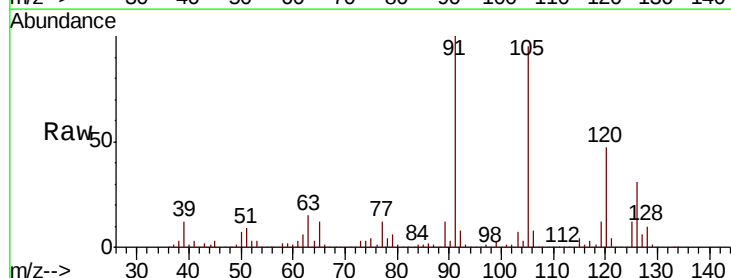
Acq: 26 Sep 2018 20:09

Tgt Ion: 91 Resp: 617329

Ion Ratio Lower Upper

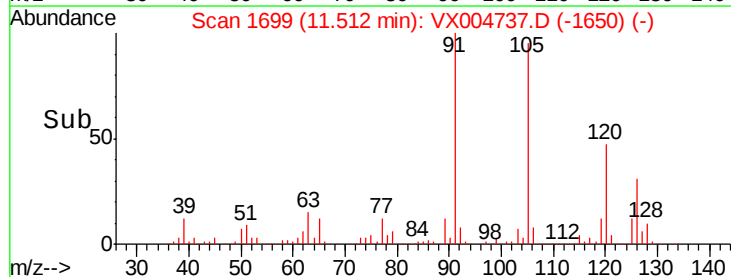
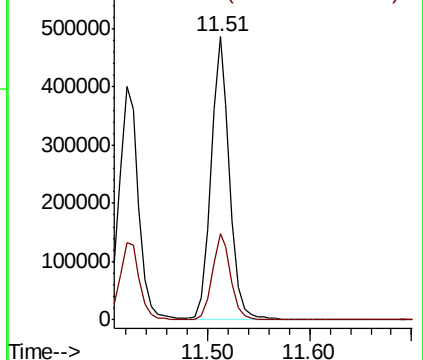
91 100

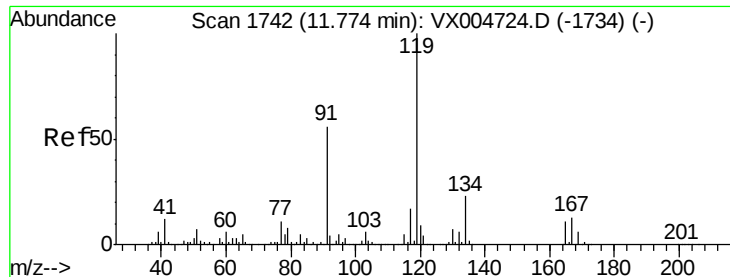
126 30.5 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

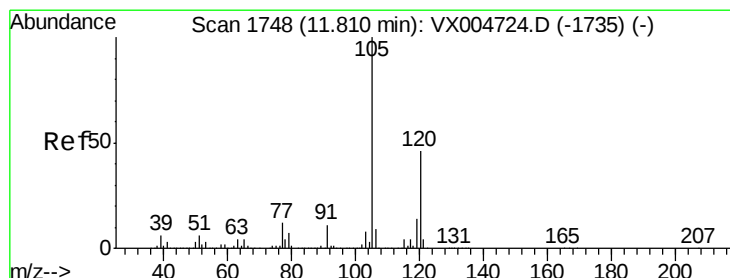
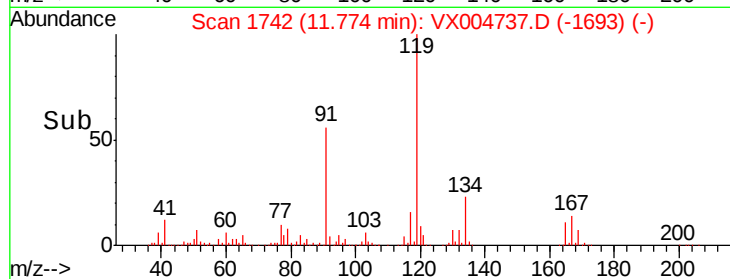
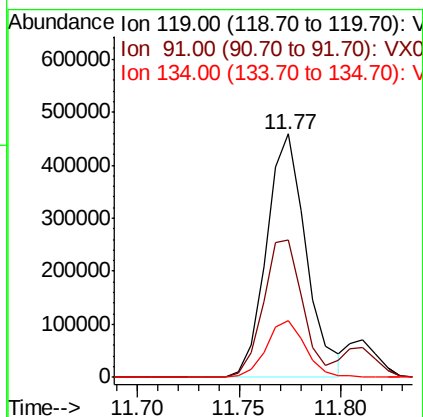
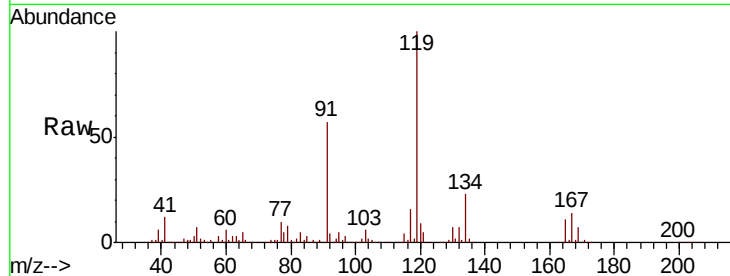




#83  
 tert-Butylbenzene  
 Concen: 55.318 ug/l  
 RT: 11.77 min Scan# 1742  
 Delta R.T. 0.00 min  
 Lab File: VX004737.D  
 Acq: 26 Sep 2018 20:09

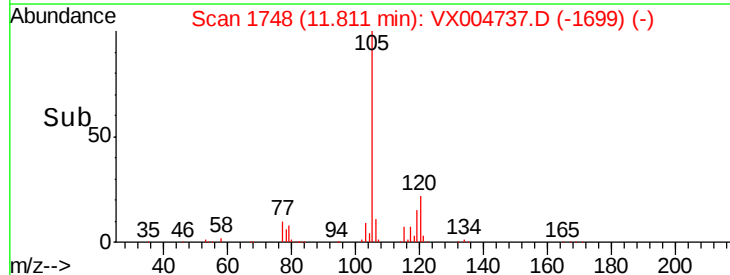
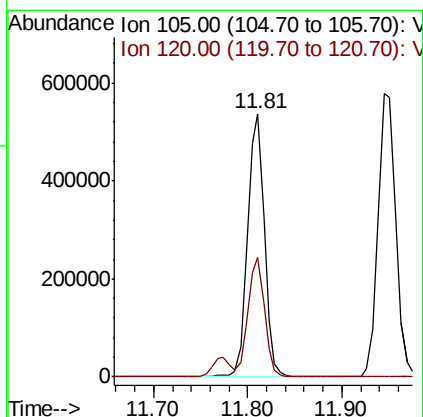
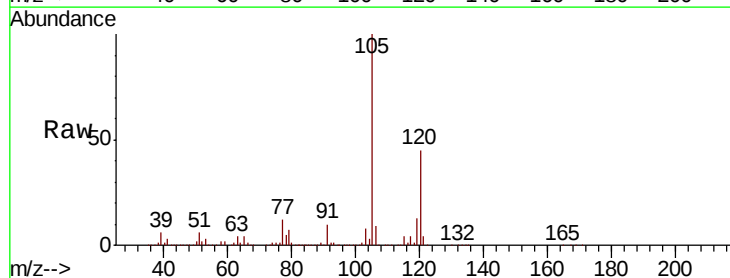
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

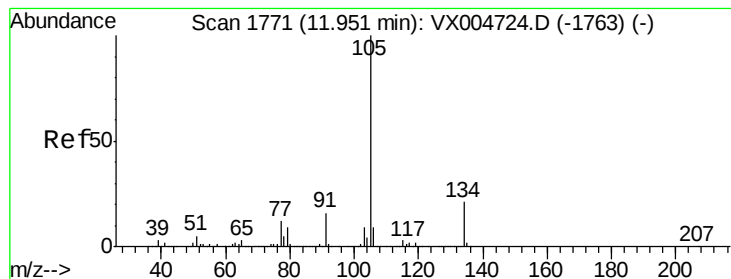
Tot Ion:119 Resp: 621197  
 Ion Ratio Lower Upper  
 119 100  
 91 55.7 27.0 81.0  
 134 22.8 11.7 35.1



#84  
 1,2,4-Trimethylbenzene  
 Concen: 51.599 ug/l  
 RT: 11.81 min Scan# 1748  
 Delta R.T. 0.00 min  
 Lab File: VX004737.D  
 Acq: 26 Sep 2018 20:09

Tgt Ion:105 Resp: 665122  
 Ion Ratio Lower Upper  
 105 100  
 120 44.9 23.2 69.6





#85

sec-Butylbenzene

Concen: 55.278 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004737.D

Acq: 26 Sep 2018 20:09

Instrument :

MSVOA\_X

ClientSampleId :

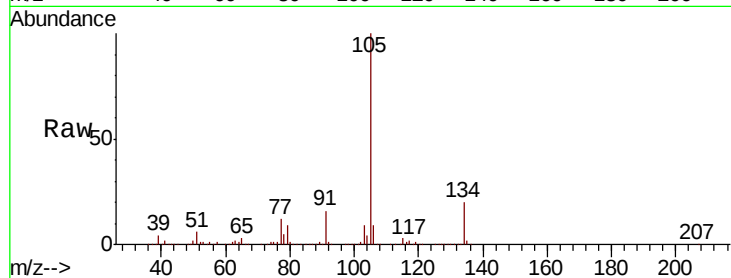
VSTDCCC050EC

Tot Ion:105 Resp: 756104

Ion Ratio Lower Upper

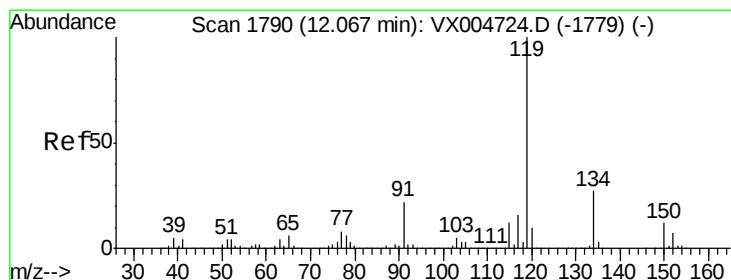
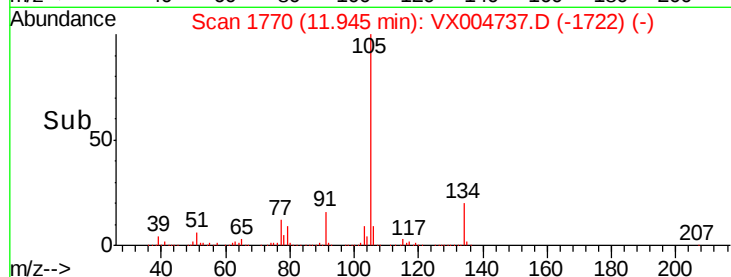
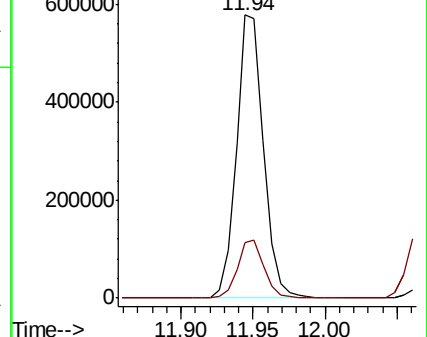
105 100

134 20.1 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: 54.868 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX004737.D

Acq: 26 Sep 2018 20:09

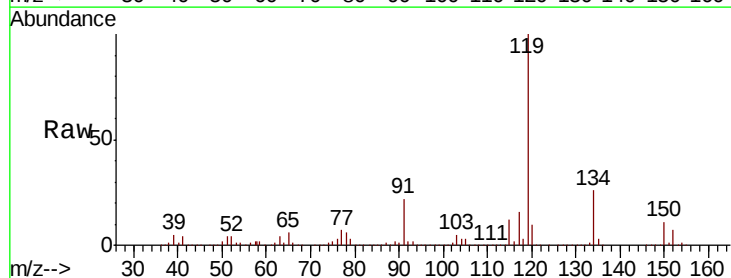
Tgt Ion:119 Resp: 679953

Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.2

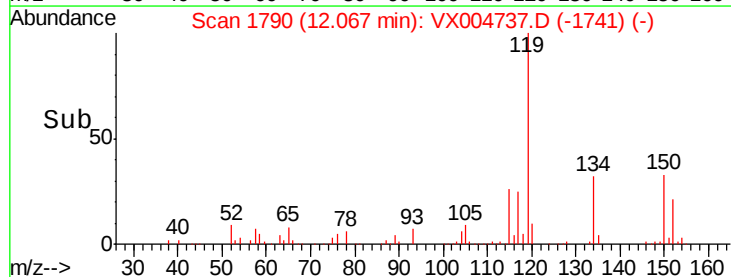
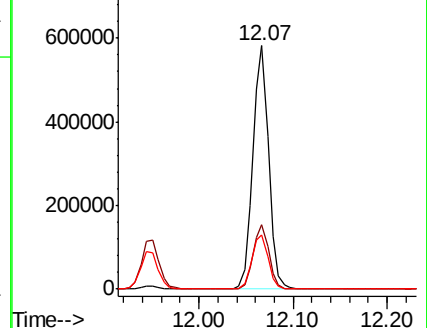
91 22.9 10.9 32.7



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): VX0

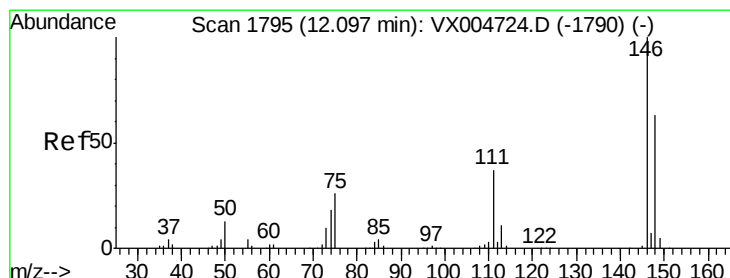
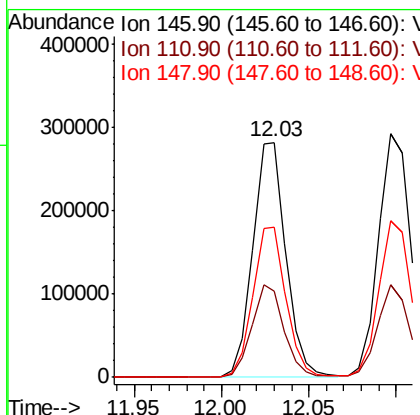
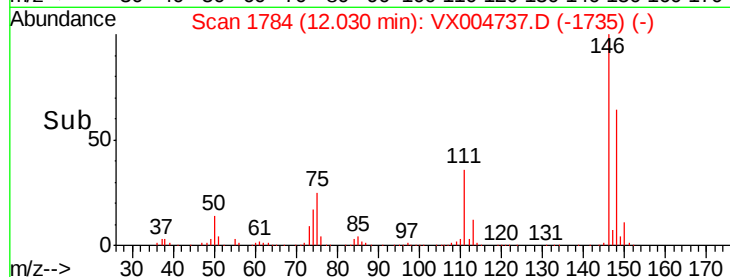
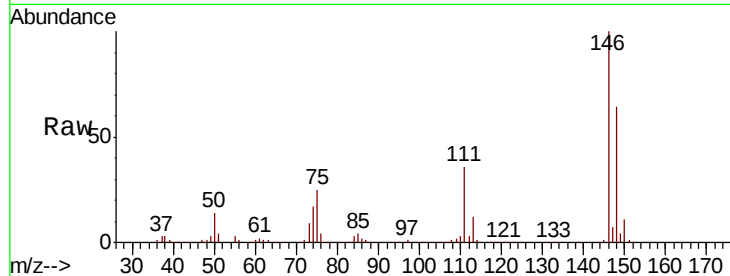




#87  
 1,3-Dichlorobenzene  
 Concen: 50.163 ug/l  
 RT: 12.03 min Scan# 1784  
 Delta R.T. 0.00 min  
 Lab File: VX004737.D  
 Acq: 26 Sep 2018 20:09

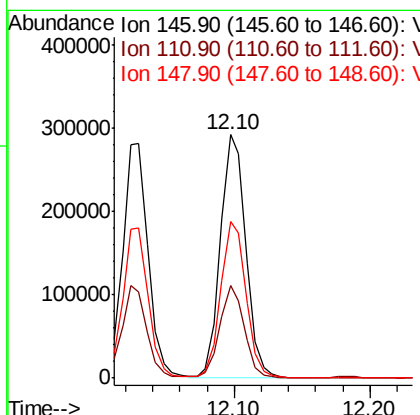
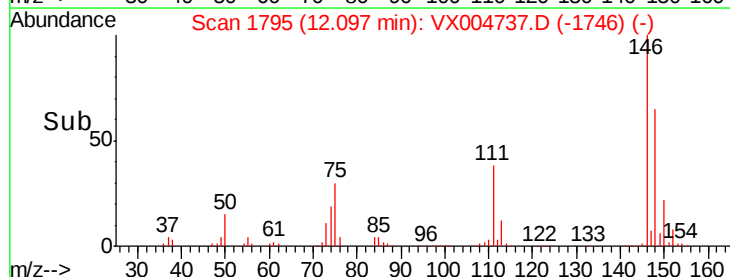
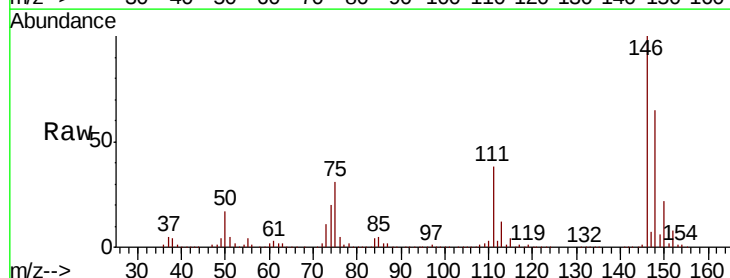
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

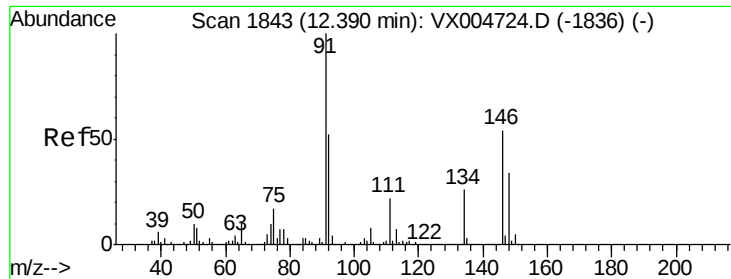
Tot Ion:146 Resp: 371079  
 Ion Ratio Lower Upper  
 146 100  
 111 38.4 18.7 56.1  
 148 64.2 32.1 96.5



#88  
 1,4-Dichlorobenzene  
 Concen: 49.351 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. 0.00 min  
 Lab File: VX004737.D  
 Acq: 26 Sep 2018 20:09

Tgt Ion:146 Resp: 376861  
 Ion Ratio Lower Upper  
 146 100  
 111 36.9 18.1 54.1  
 148 64.3 32.0 96.0

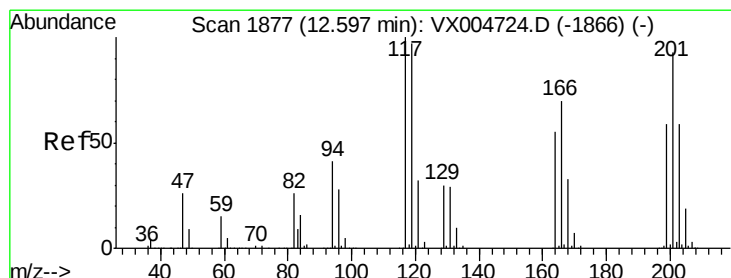
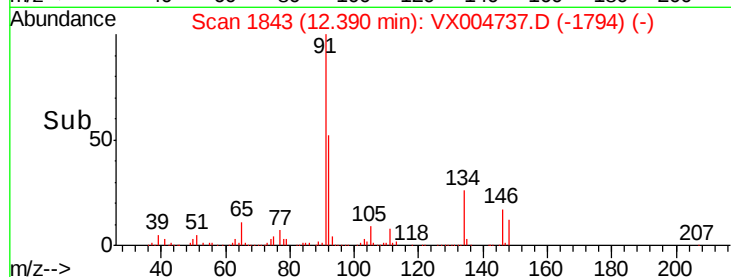
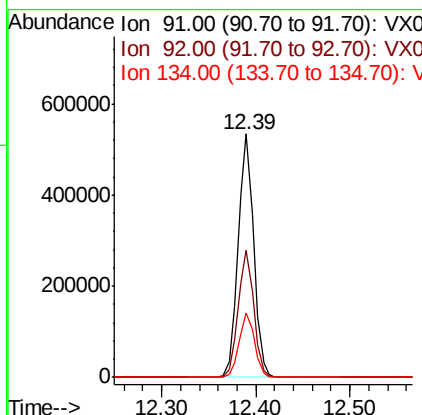
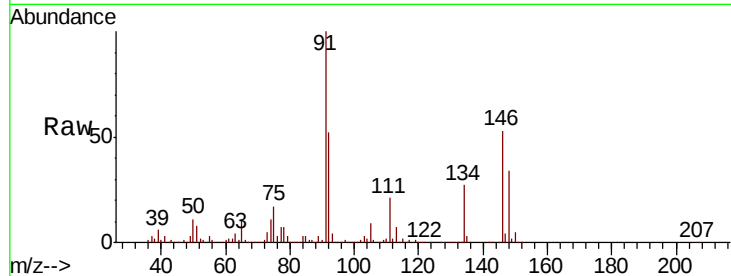




#89  
n-Butylbenzene  
Concen: 54.093 ug/l  
RT: 12.39 min Scan# 1843  
Delta R.T. 0.00 min  
Lab File: VX004737.D  
Acq: 26 Sep 2018 20:09

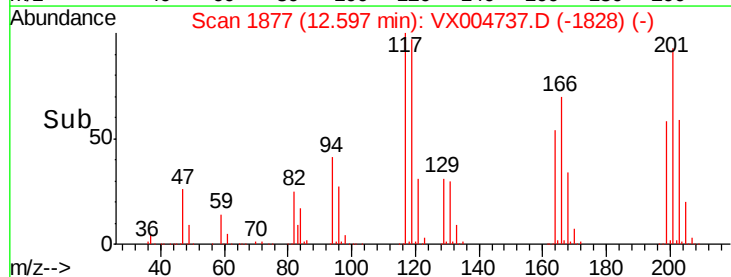
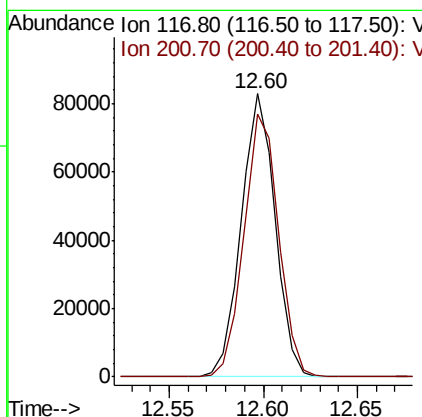
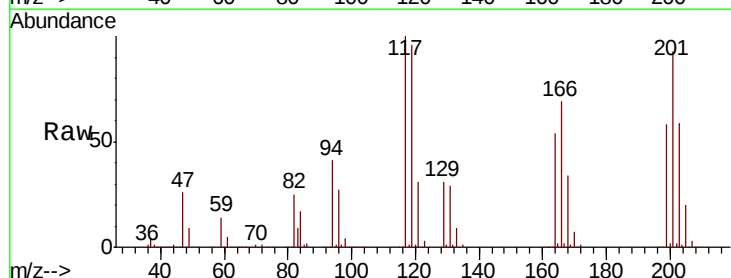
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

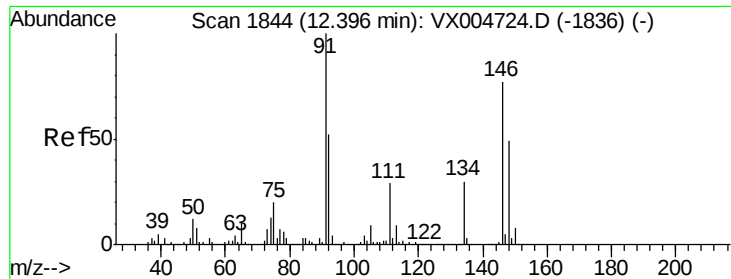
Tot Ion: 91 Resp: 608804  
Ion Ratio Lower Upper  
91 100  
92 52.2 27.3 81.9  
134 26.4 13.6 40.7



#90  
Hexachloroethane  
Concen: 50.106 ug/l  
RT: 12.60 min Scan# 1877  
Delta R.T. 0.00 min  
Lab File: VX004737.D  
Acq: 26 Sep 2018 20:09

Tgt Ion: 117 Resp: 103385  
Ion Ratio Lower Upper  
117 100  
201 95.2 46.9 140.6

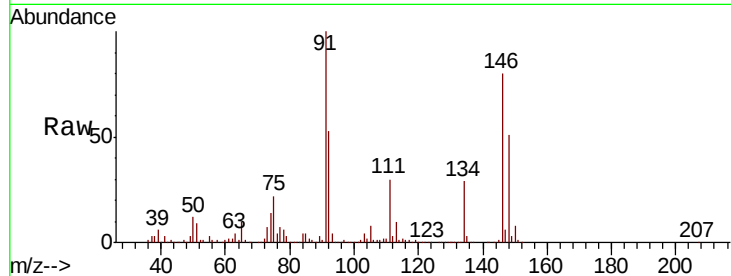




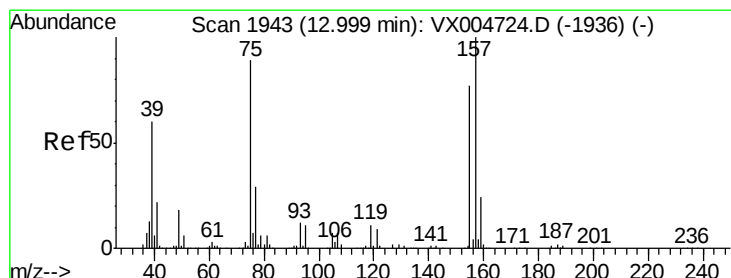
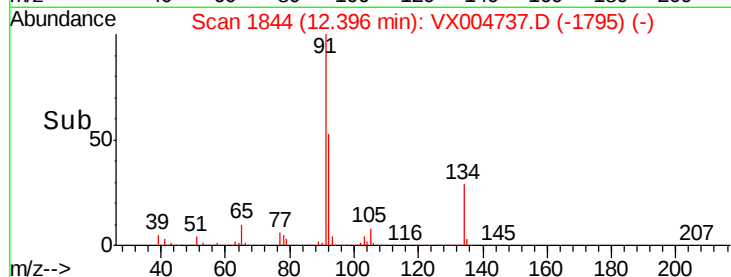
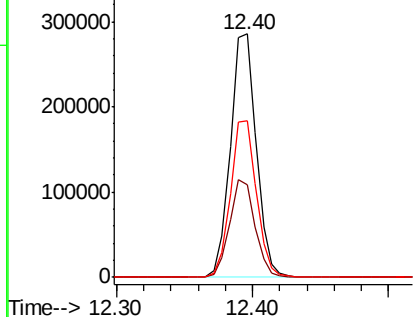
#91  
 1,2-Dichlorobenzene  
 Concen: 48.817 ug/l  
 RT: 12.40 min Scan# 1844  
 Delta R.T. 0.00 min  
 Lab File: VX004737.D  
 Acq: 26 Sep 2018 20:09

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion:146 Resp: 377393  
 Ion Ratio Lower Upper  
 146 100  
 111 39.3 19.4 58.1  
 148 64.4 32.8 98.3

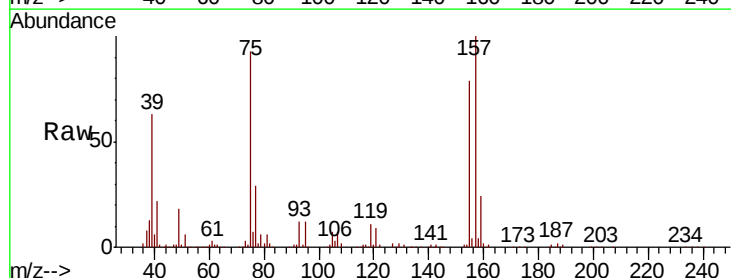


Abundance Ion 145.90 (145.60 to 146.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

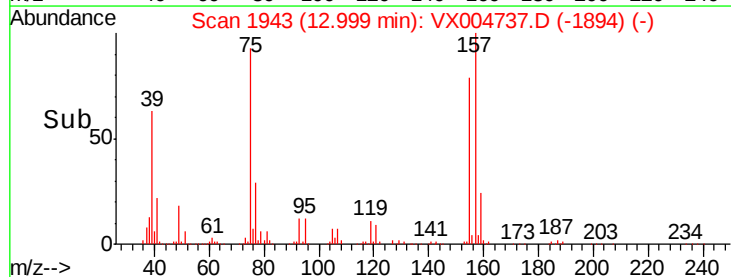
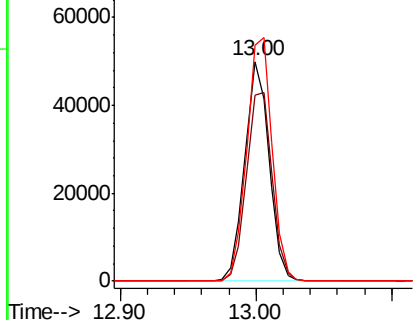


#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 51.493 ug/l  
 RT: 13.00 min Scan# 1943  
 Delta R.T. 0.00 min  
 Lab File: VX004737.D  
 Acq: 26 Sep 2018 20:09

Tgt Ion: 75 Resp: 62774  
 Ion Ratio Lower Upper  
 75 100  
 155 91.1 48.0 144.2  
 157 116.1 61.4 184.1



Abundance Ion 74.90 (74.60 to 75.60): VX0  
 Ion 154.80 (154.50 to 155.50): V  
 Ion 156.80 (156.50 to 157.50): V

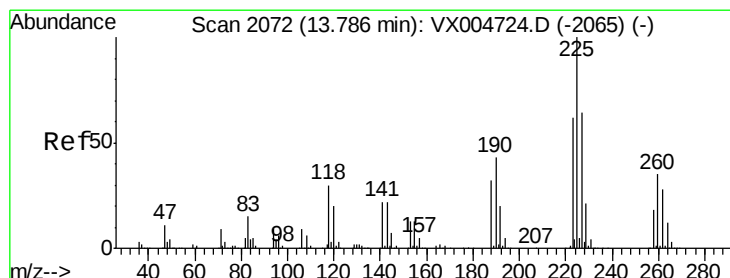
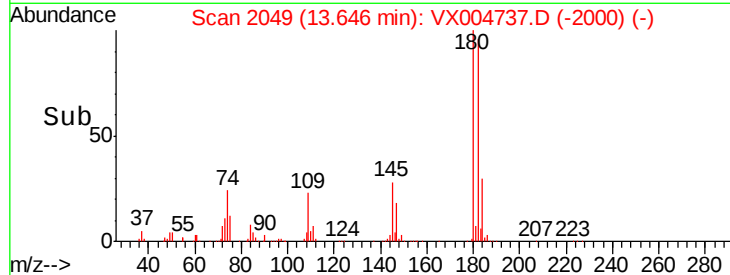
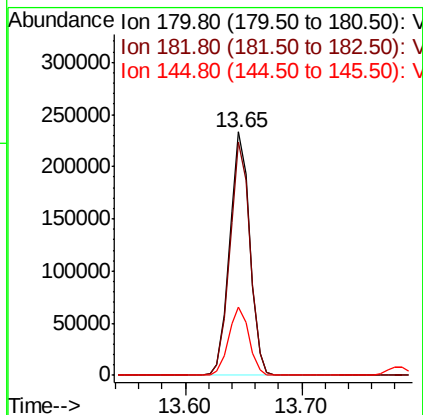
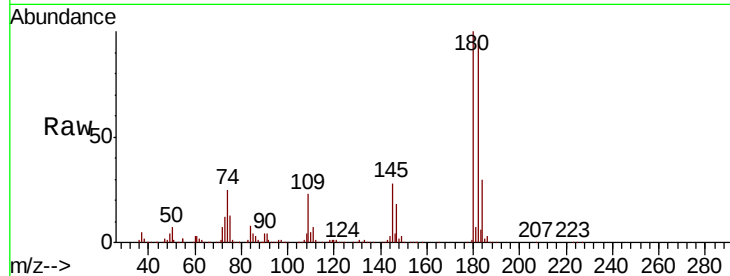




#93  
 1,2,4-Trichlorobenzene  
 Concen: 51.626 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. 0.00 min  
 Lab File: VX004737.D  
 Acq: 26 Sep 2018 20:09

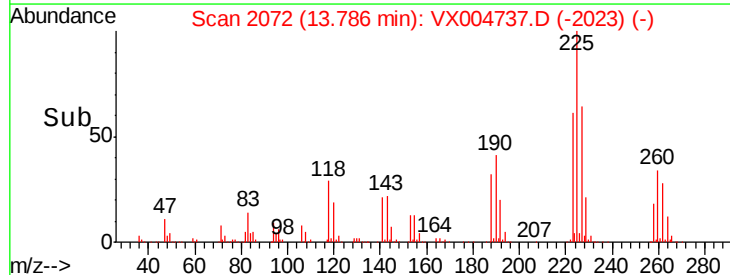
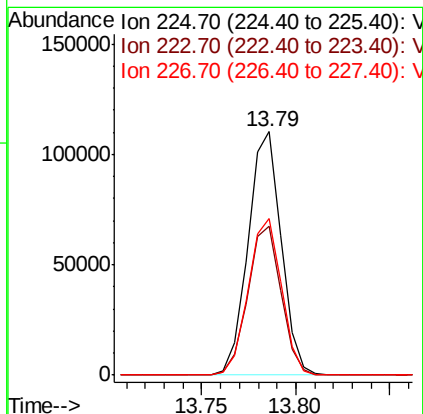
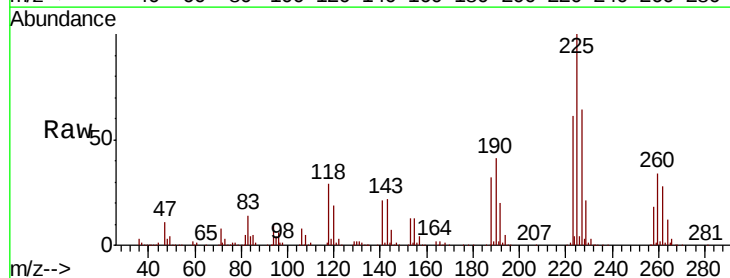
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

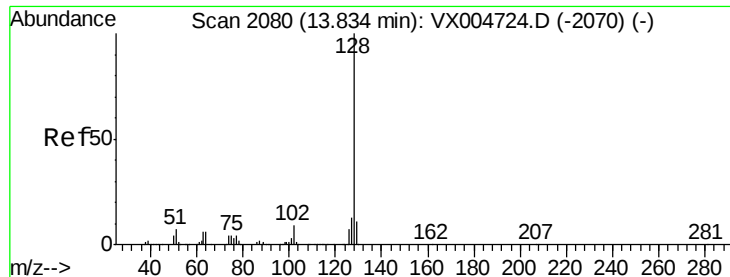
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.0  | 48.4  | 145.0 |
| 145     | 28.4  | 14.3  | 42.9  |



#94  
 Hexachlorobutadiene  
 Concen: 47.729 ug/l  
 RT: 13.79 min Scan# 2072  
 Delta R.T. 0.00 min  
 Lab File: VX004737.D  
 Acq: 26 Sep 2018 20:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.6  | 30.1  | 90.5  |
| 227     | 64.4  | 30.8  | 92.4  |

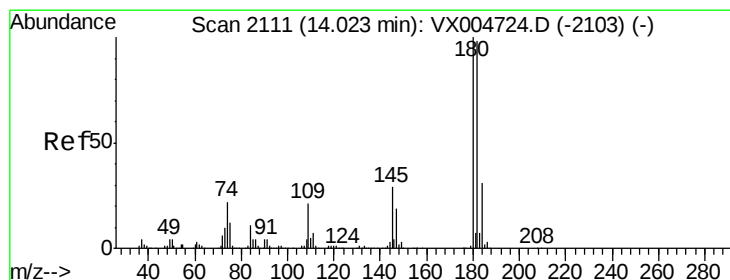
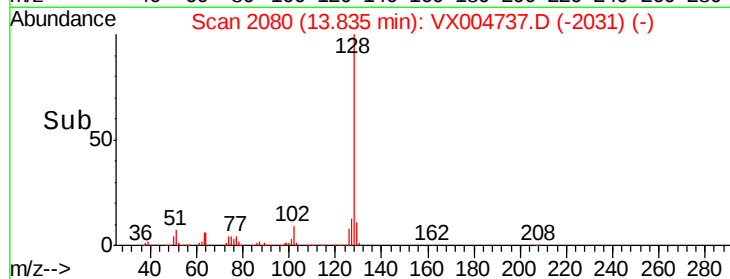
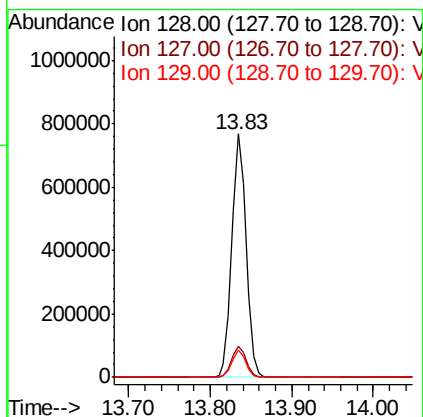
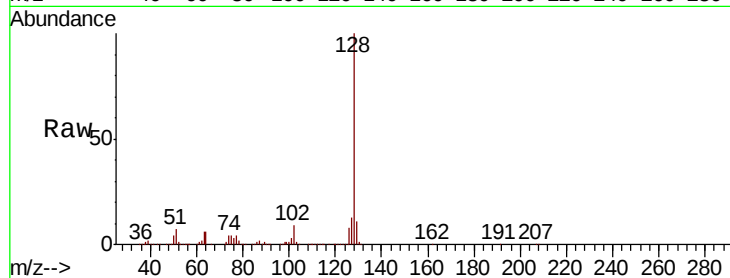




#95  
Naphthalene  
Concen: 50.861 ug/l  
RT: 13.83 min Scan# 2080  
Delta R.T. 0.00 min  
Lab File: VX004737.D  
Acq: 26 Sep 2018 20:09

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:128 Resp: 915693  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.2 15.2  
129 11.0 8.6 12.8



#96  
1,2,3-Trichlorobenzene  
Concen: 50.995 ug/l  
RT: 14.02 min Scan# 2111  
Delta R.T. 0.00 min  
Lab File: VX004737.D  
Acq: 26 Sep 2018 20:09

Tgt Ion:180 Resp: 285672  
Ion Ratio Lower Upper  
180 100  
182 96.4 48.5 145.6  
145 30.3 14.9 44.9

