

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082118\  
 Data File : VX004188.D  
 Acq On : 21 Aug 2018 20:42  
 Operator : JC/MD  
 Sample : VSTDCCC050EC  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Aug 22 00:59:08 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X081418W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 14 13:27:25 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.66  | 168  | 294942   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 441959   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 428098   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 264678   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 6.06   | 65  | 203810   | 49.04 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 98.08%  |      |
| 35) Dibromofluoromethane    | 5.50   | 113 | 174466   | 52.75 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 105.50% |      |
| 50) Toluene-d8              | 8.71   | 98  | 665402   | 49.62 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 99.24%  |      |
| 62) 4-Bromofluorobenzene    | 11.14  | 95  | 250948   | 51.59 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 103.18% |      |

|                               |      |     |         |        |      |     |
|-------------------------------|------|-----|---------|--------|------|-----|
| Target Compounds              |      |     |         | Qvalue |      |     |
| 2) Dichlorodifluoromethane    | 1.19 | 85  | 129585  | 45.13  | ug/l | 98  |
| 3) Chloromethane              | 1.32 | 50  | 166618  | 47.29  | ug/l | 99  |
| 4) Vinyl Chloride             | 1.40 | 62  | 176297  | 46.25  | ug/l | 98  |
| 5) Bromomethane               | 1.63 | 94  | 86078   | 44.54  | ug/l | 98  |
| 6) Chloroethane               | 1.71 | 64  | 125016  | 49.85  | ug/l | 95  |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 247894  | 46.36  | ug/l | 99  |
| 8) Diethyl Ether              | 2.18 | 74  | 112044  | 47.99  | ug/l | 98  |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 153434  | 45.99  | ug/l | 99  |
| 10) Methyl Iodide             | 2.50 | 142 | 157216  | 44.71  | ug/l | 99  |
| 11) Tert butyl alcohol        | 3.08 | 59  | 212509  | 253.95 | ug/l | 100 |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 146031  | 47.07  | ug/l | 99  |
| 13) Acrolein                  | 2.29 | 56  | 125809  | 222.83 | ug/l | 99  |
| 14) Allyl chloride            | 2.72 | 41  | 284296  | 48.15  | ug/l | 100 |
| 15) Acrylonitrile             | 3.15 | 53  | 520547  | 249.49 | ug/l | 99  |
| 16) Acetone                   | 2.45 | 43  | 514417  | 238.09 | ug/l | 100 |
| 17) Carbon Disulfide          | 2.56 | 76  | 380956  | 43.29  | ug/l | 100 |
| 18) Methyl Acetate            | 2.78 | 43  | 273997  | 57.07  | ug/l | 100 |
| 19) Methyl tert-butyl Ether   | 3.20 | 73  | 525725  | 48.09  | ug/l | 99  |
| 20) Methylene Chloride        | 2.86 | 84  | 178315  | 50.50  | ug/l | 96  |
| 21) trans-1,2-Dichloroethene  | 3.16 | 96  | 163380  | 46.37  | ug/l | 92  |
| 22) Diisopropyl ether         | 3.87 | 45  | 546740  | 47.26  | ug/l | 97  |
| 23) Vinyl Acetate             | 3.82 | 43  | 2274771 | 239.41 | ug/l | 98  |
| 24) 1,1-Dichloroethane        | 3.69 | 63  | 310347  | 47.36  | ug/l | 100 |
| 25) 2-Butanone                | 4.70 | 43  | 839131  | 238.70 | ug/l | 99  |
| 26) 2,2-Dichloropropane       | 4.58 | 77  | 205909  | 39.53  | ug/l | 100 |
| 27) cis-1,2-Dichloroethene    | 4.59 | 96  | 193576  | 48.85  | ug/l | 94  |
| 28) Bromochloromethane        | 5.01 | 49  | 156233  | 51.97  | ug/l | 99  |
| 29) Tetrahydrofuran           | 5.16 | 42  | 428843  | 238.77 | ug/l | 100 |
| 30) Chloroform                | 5.21 | 83  | 317388  | 49.63  | ug/l | 100 |
| 31) Cyclohexane               | 5.57 | 56  | 262194  | 45.64  | ug/l | 99  |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 267248  | 50.01  | ug/l | 99  |
| 36) 1,1-Dichloropropene       | 5.79 | 75  | 231651  | 46.06  | ug/l | 99  |
| 37) Ethyl Acetate             | 4.86 | 43  | 247645  | 45.22  | ug/l | 99  |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 229585  | 46.99  | ug/l | 94  |

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 Acq On : 21 Aug 2018 20:42  
 Operator : JC/MD  
 Sample : VSTDCCC050EC  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Aug 22 00:59:08 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X081418W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 14 13:27:25 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 271634   | 47.61   | ug/l  | 98       |
| 40) Benzene                    | 6.14  | 78   | 729283   | 48.29   | ug/l  | 100      |
| 41) Methacrylonitrile          | 5.06  | 41   | 142026   | 46.30   | ug/l  | 99       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 249481   | 47.20   | ug/l  | 100      |
| 43) Isopropyl Acetate          | 6.46  | 43   | 384521   | 47.63   | ug/l  | 99       |
| 44) Trichloroethene            | 7.21  | 130  | 195571   | 47.70   | ug/l  | 93       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 187223   | 48.43   | ug/l  | 100      |
| 46) Dibromomethane             | 7.67  | 93   | 122544   | 48.51   | ug/l  | 100      |
| 47) Bromodichloromethane       | 7.90  | 83   | 239019   | 49.95   | ug/l  | 98       |
| 48) Methyl methacrylate        | 7.78  | 41   | 205321   | 50.53   | ug/l  | 97       |
| 49) 1,4-Dioxane                | 7.76  | 88   | 96299    | 1052.56 | ug/l  | 99       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 1685692  | 254.67  | ug/l  | 99       |
| 52) Toluene                    | 8.79  | 92   | 468777   | 49.08   | ug/l  | 100      |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 260215   | 50.34   | ug/l  | 100      |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 284489   | 49.70   | ug/l  | 100      |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 191739   | 48.62   | ug/l  | 99       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 283638   | 52.89   | ug/l  | 100      |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 322901   | 49.35   | ug/l  | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.32  | 63   | 720802   | 263.93  | ug/l  | 99       |
| 59) 2-Hexanone                 | 9.50  | 43   | 1293582  | 259.67  | ug/l  | 99       |
| 60) Dibromochloromethane       | 9.59  | 129  | 195507   | 51.51   | ug/l  | 98       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 199356   | 49.58   | ug/l  | 99       |
| 64) Tetrachloroethene          | 9.34  | 164  | 186895   | 46.06   | ug/l  | 97       |
| 65) Chlorobenzene              | 10.14 | 112  | 526859   | 47.64   | ug/l  | 95       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.23 | 131  | 189082   | 50.13   | ug/l  | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 893232   | 51.01   | ug/l  | 98       |
| 68) m/p-Xylenes                | 10.36 | 106  | 703246   | 102.56  | ug/l  | 97       |
| 69) o-Xylene                   | 10.70 | 106  | 317210   | 48.40   | ug/l  | 93       |
| 70) Styrene                    | 10.71 | 104  | 530800   | 48.13   | ug/l  | 99       |
| 71) Bromoform                  | 10.86 | 173  | 143216   | 47.89   | ug/l  | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 909777   | 50.79   | ug/l  | 96       |
| 74) N-amyl acetate             | 6.46  | 43   | 384521   | 45.64   | ug/l  | # 99     |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 298876   | 47.78   | ug/l  | 99       |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 340242   | 64.10   | ug/l  | 84       |
| 77) Bromobenzene               | 11.26 | 156  | 237016   | 48.00   | ug/l  | 98       |
| 78) n-propylbenzene            | 11.36 | 91   | 1042228  | 52.00   | ug/l  | 99       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 617121   | 50.52   | ug/l  | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 758332   | 51.71   | ug/l  | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 83142    | 48.49   | ug/l  | 99       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 711904   | 49.30   | ug/l  | 98       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 763764   | 51.65   | ug/l  | 98       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 766342   | 50.45   | ug/l  | 98       |
| 85) sec-Butylbenzene           | 11.95 | 105  | 899298   | 51.96   | ug/l  | 99       |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 815553   | 52.05   | ug/l  | 100      |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 445333   | 47.29   | ug/l  | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 452638   | 46.70   | ug/l  | 99       |
| 89) n-Butylbenzene             | 12.39 | 91   | 634342   | 51.38   | ug/l  | 99       |
| 90) Hexachloroethane           | 12.60 | 117  | 109950   | 46.90   | ug/l  | 100      |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 419109   | 49.35   | ug/l  | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 53563    | 48.72   | ug/l  | 97       |

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Sample : VSTDCCC050EC  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 24 Sample Multiplier: 1

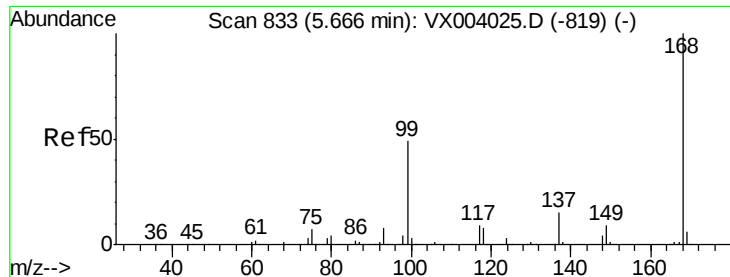
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Aug 22 00:59:08 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X081418W.M  
Quant Title : SW846 8260  
QLast Update : Tue Aug 14 13:27:25 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 296121   | 51.01 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 134129   | 46.09 | ug/l  | 98       |
| 95) Naphthalene            | 13.83 | 128  | 944826   | 51.03 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 315992   | 49.92 | ug/l  | 98       |

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX004188.D

Acq: 21 Aug 2018 20:42

Instrument :

MSVOA\_X

ClientSampleId :

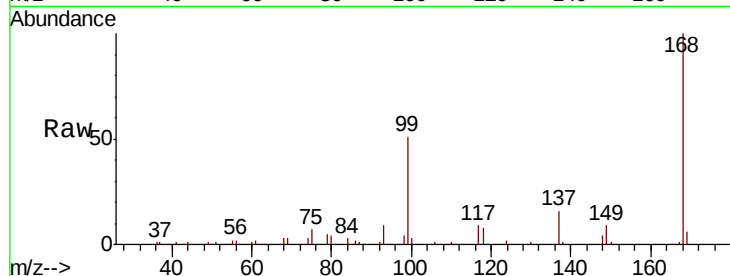
VSTDCCC050EC

Tot Ion:168 Resp: 294942

Ion Ratio Lower Upper

168 100

99 50.9 40.1 60.1



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

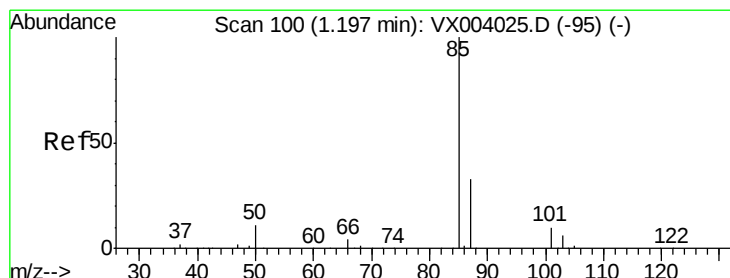
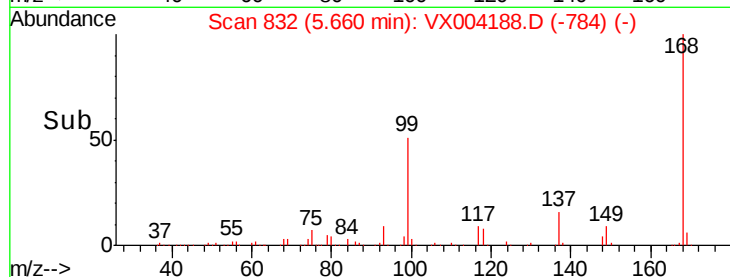
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 45.13 ug/l

RT: 1.19 min Scan# 99

Delta R.T. -0.01 min

Lab File: VX004188.D

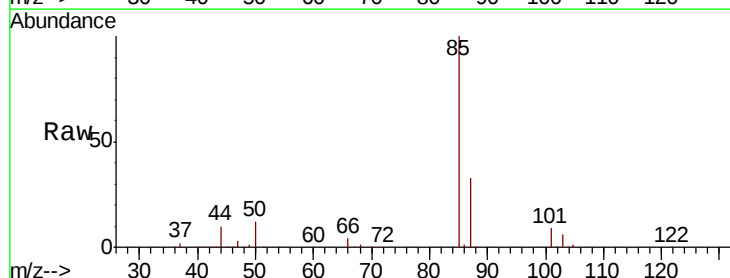
Acq: 21 Aug 2018 20:42

Tgt Ion: 85 Resp: 129585

Ion Ratio Lower Upper

85 100

87 32.9 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

100000

50000

0

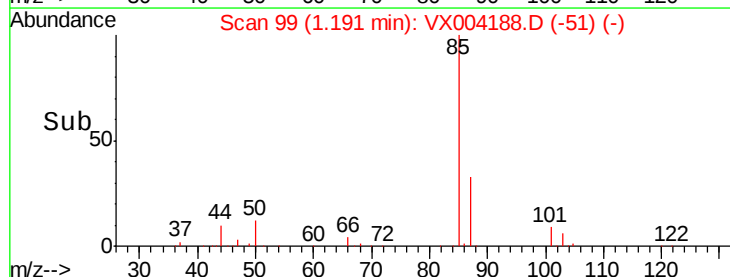
Time-->

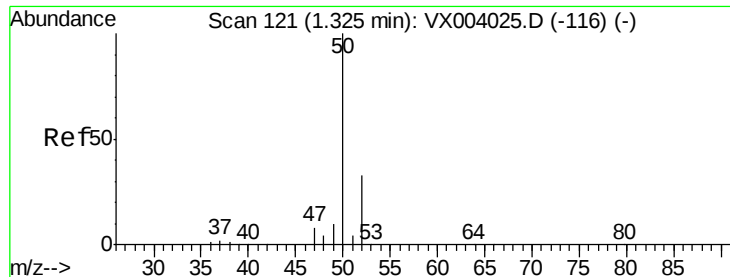
1.15

1.20

1.25

1.30





#3

Chloromethane

Concen: 47.29 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX004188.D

Acq: 21 Aug 2018 20:42

Instrument :

MSVOA\_X

ClientSampleId :

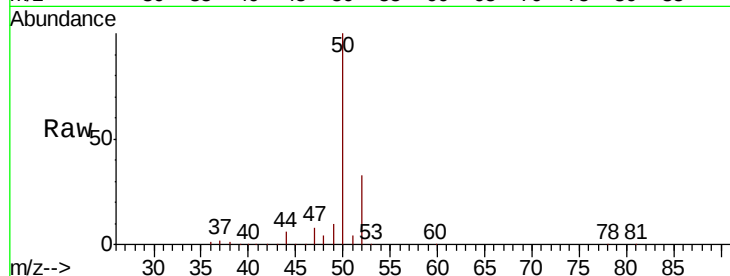
VSTDCCC050EC

Tot Ion: 50 Resp: 166618

Ion Ratio Lower Upper

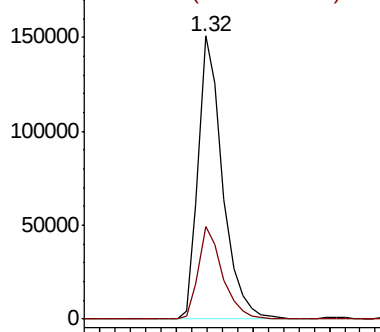
50 100

52 32.8 26.6 39.8

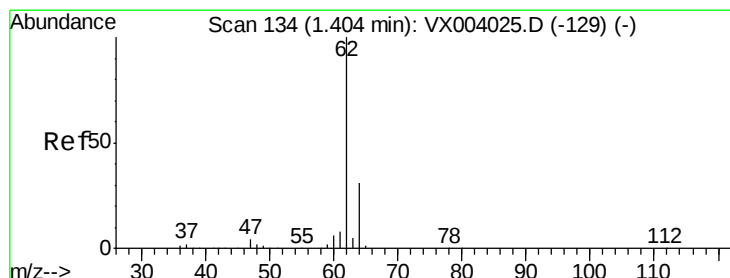
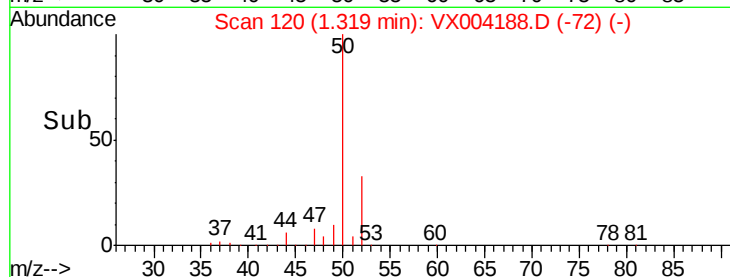


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 46.25 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX004188.D

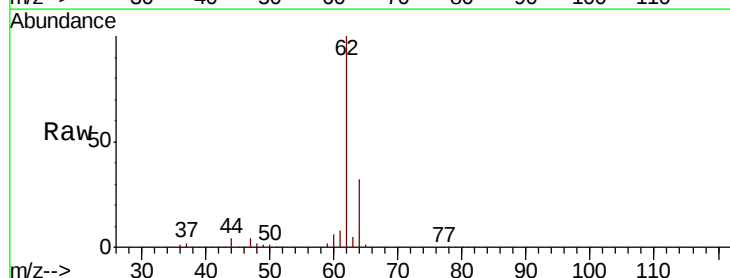
Acq: 21 Aug 2018 20:42

Tgt Ion: 62 Resp: 176297

Ion Ratio Lower Upper

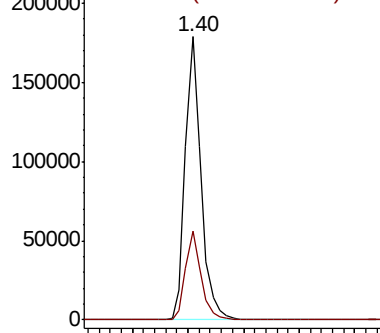
62 100

64 31.6 26.0 39.0

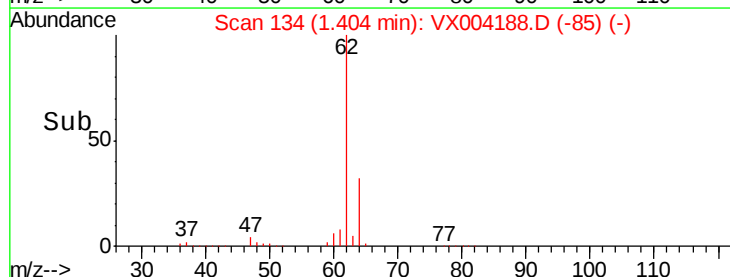


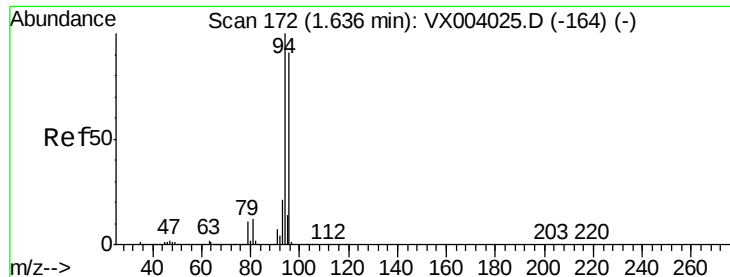
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 44.54 ug/l

RT: 1.63 min Scan# 171

Delta R.T. -0.01 min

Lab File: VX004188.D

Acq: 21 Aug 2018 20:42

Instrument :

MSVOA\_X

ClientSampleId :

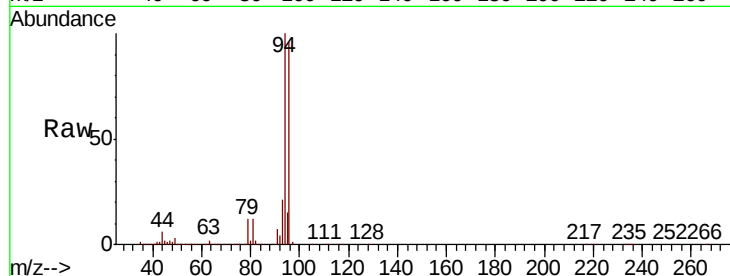
VSTDCCC050EC

Tot Ion: 94 Resp: 86078

Ion Ratio Lower Upper

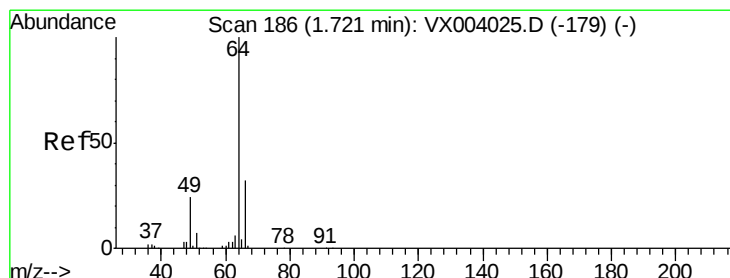
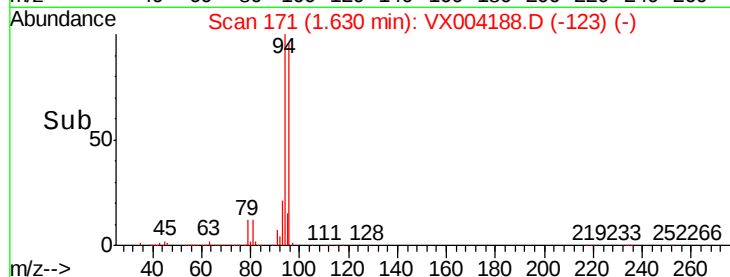
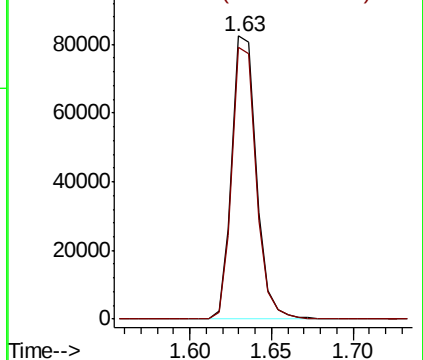
94 100

96 95.9 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.85 ug/l

RT: 1.71 min Scan# 184

Delta R.T. -0.01 min

Lab File: VX004188.D

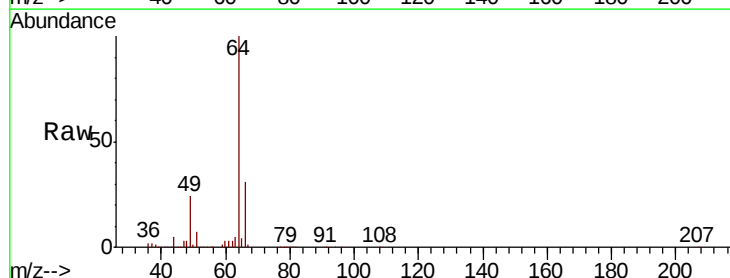
Acq: 21 Aug 2018 20:42

Tgt Ion: 64 Resp: 125016

Ion Ratio Lower Upper

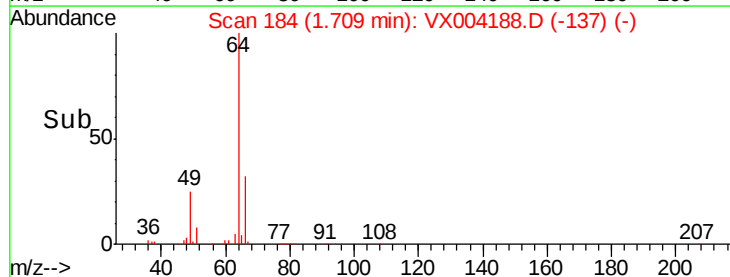
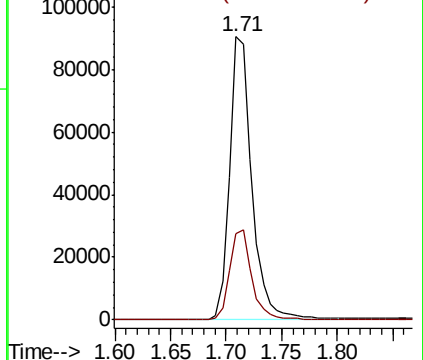
64 100

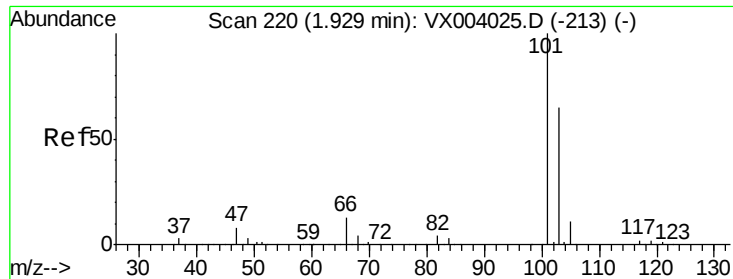
66 30.5 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 46.36 ug/l

RT: 1.92 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX004188.D

Acq: 21 Aug 2018 20:42

Instrument :

MSVOA\_X

ClientSampleId :

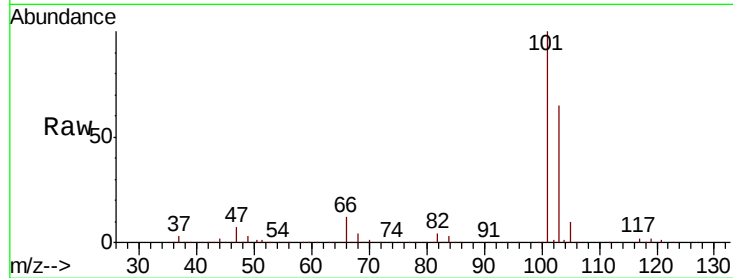
VSTDCCC050EC

Tot Ion:101 Resp: 247894

Ion Ratio Lower Upper

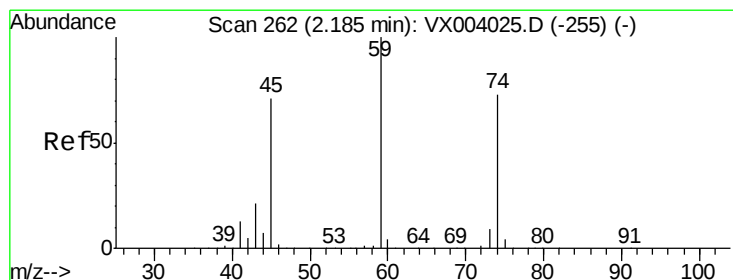
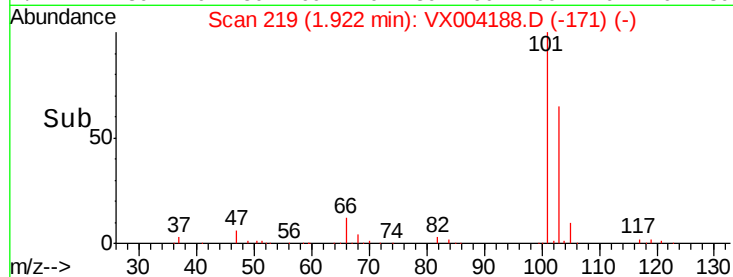
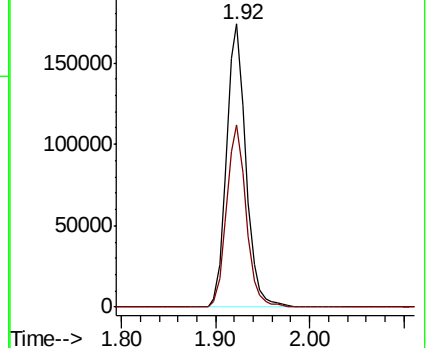
101 100

103 64.5 52.3 78.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 47.99 ug/l

RT: 2.18 min Scan# 262

Delta R.T. 0.00 min

Lab File: VX004188.D

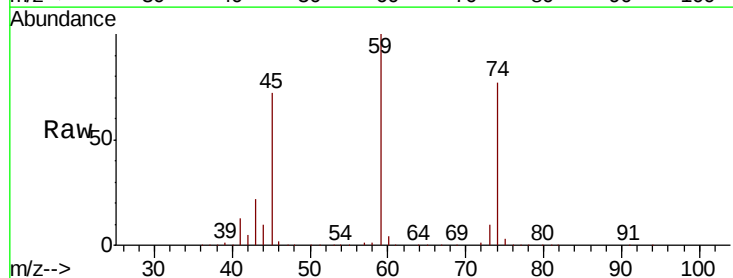
Acq: 21 Aug 2018 20:42

Tgt Ion: 74 Resp: 112044

Ion Ratio Lower Upper

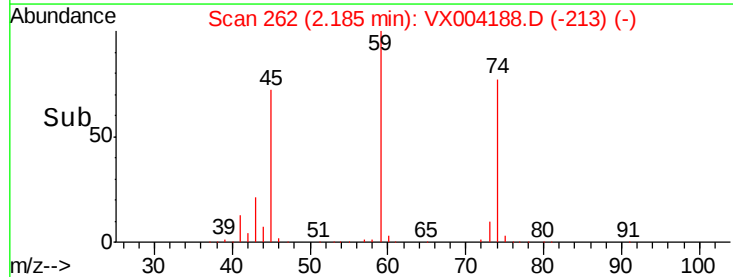
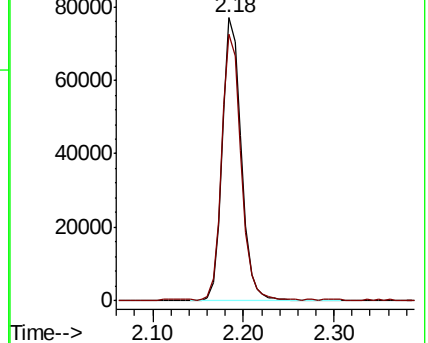
74 100

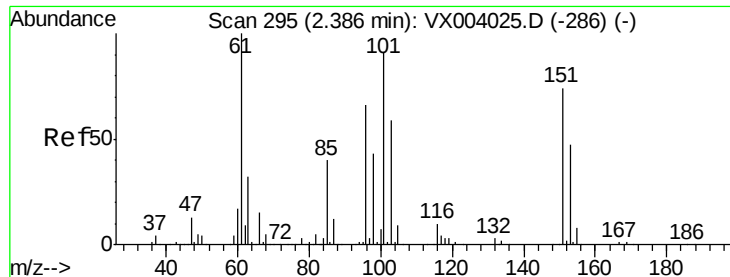
45 95.1 48.3 144.9



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.99 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX004188.D

Acq: 21 Aug 2018 20:42

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

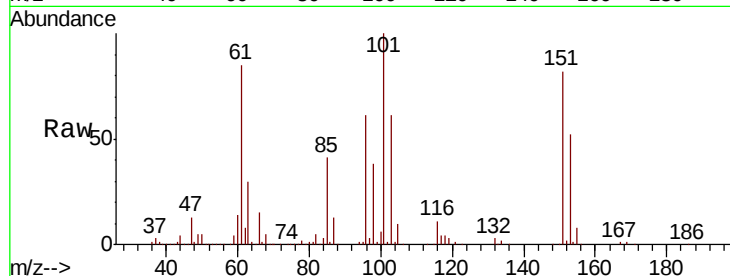
Tot Ion:101 Resp: 153434

Ion Ratio Lower Upper

101 100

85 43.0 34.2 51.4

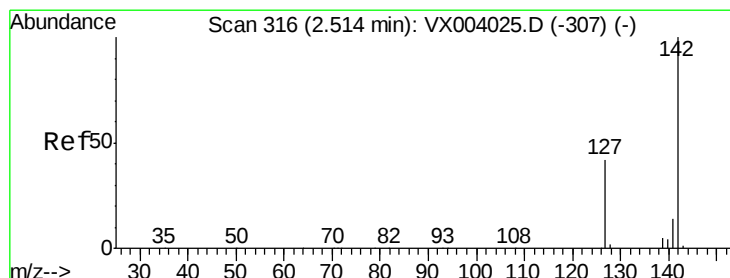
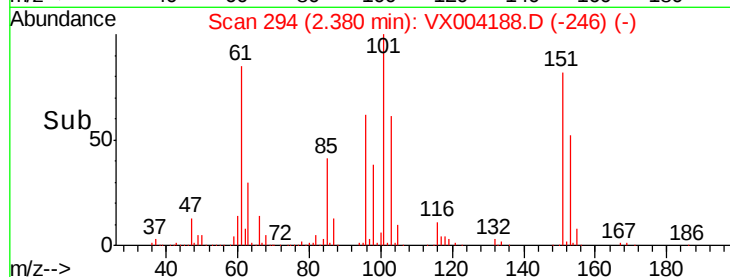
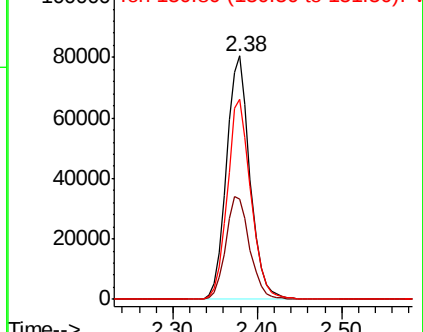
151 82.2 65.0 97.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 44.71 ug/l

RT: 2.50 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX004188.D

Acq: 21 Aug 2018 20:42

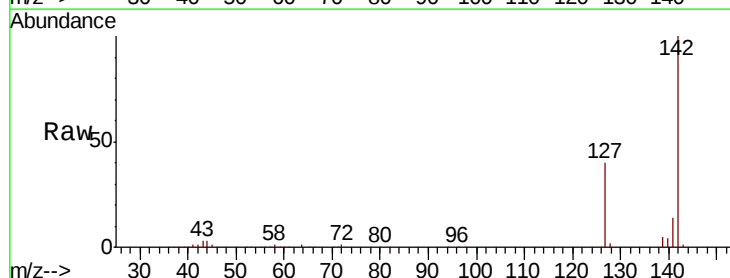
Tgt Ion:142 Resp: 157216

Ion Ratio Lower Upper

142 100

127 40.8 33.1 49.7

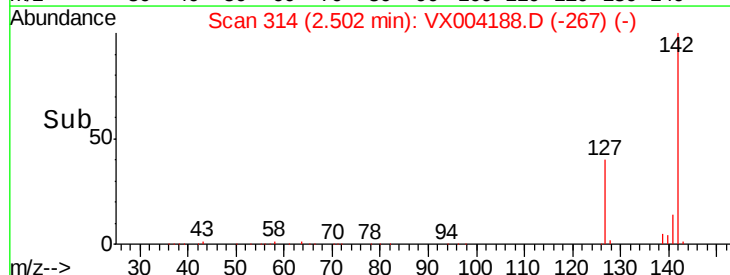
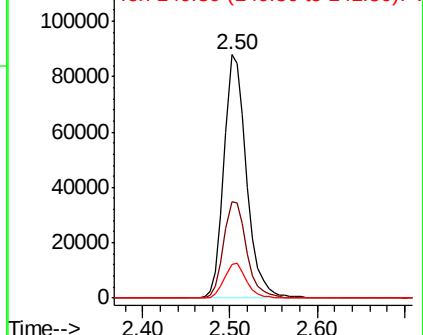
141 14.2 11.1 16.7

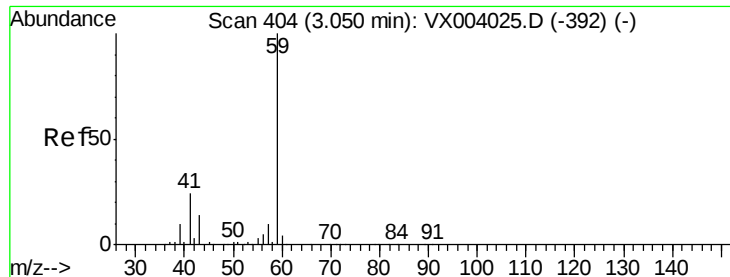


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

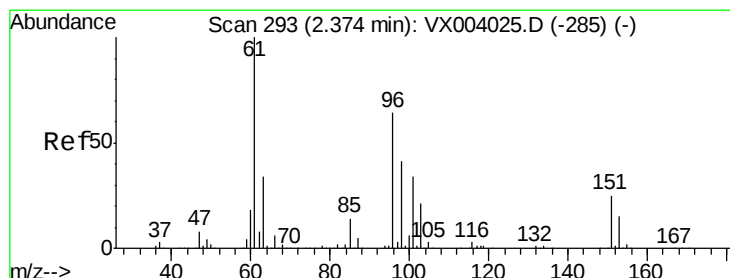
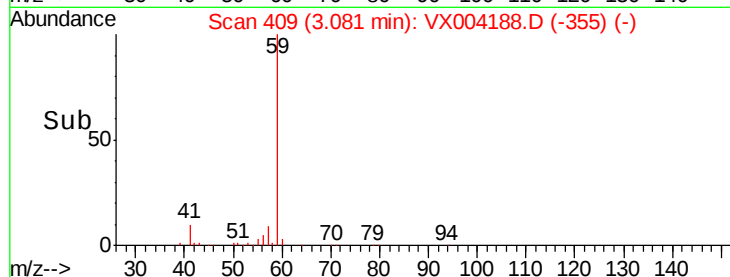
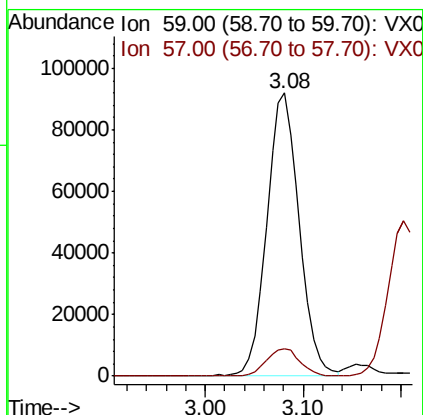
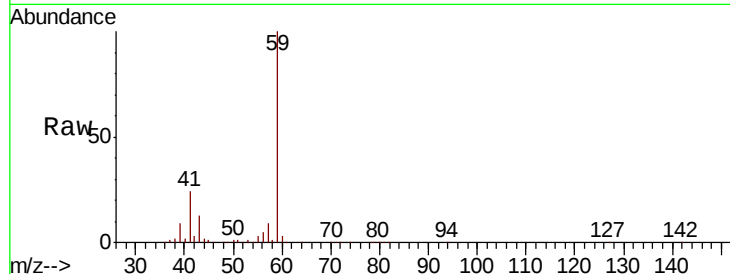




#11  
Tert butyl alcohol  
Concen: 253.95 ug/l  
RT: 3.08 min Scan# 409  
Delta R.T. 0.03 min  
Lab File: VX004188.D  
Acq: 21 Aug 2018 20:42

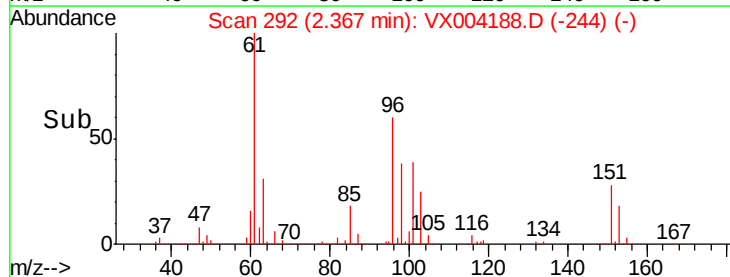
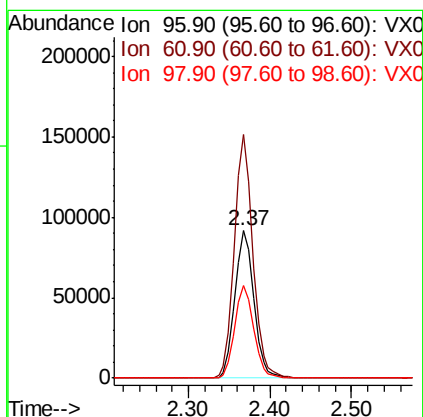
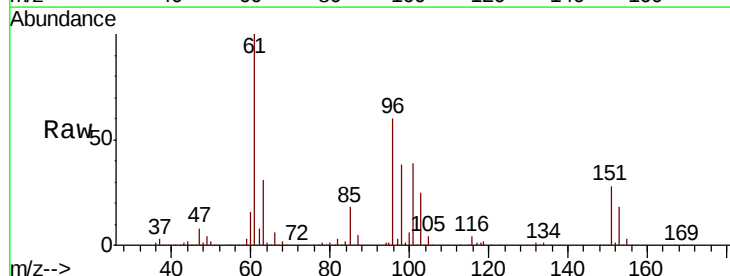
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

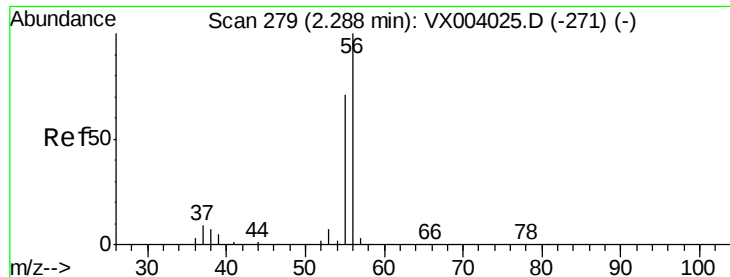
Tot Ion: 59 Resp: 212509  
Ion Ratio Lower Upper  
59 100  
57 10.2 8.1 12.1



#12  
1,1-Dichloroethene  
Concen: 47.07 ug/l  
RT: 2.37 min Scan# 292  
Delta R.T. -0.01 min  
Lab File: VX004188.D  
Acq: 21 Aug 2018 20:42

Tgt Ion: 96 Resp: 146031  
Ion Ratio Lower Upper  
96 100  
61 165.5 131.3 196.9  
98 63.2 51.8 77.6

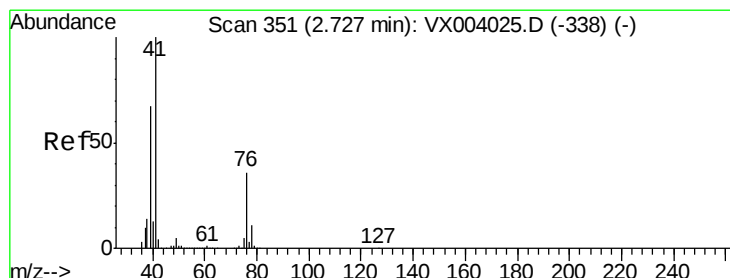
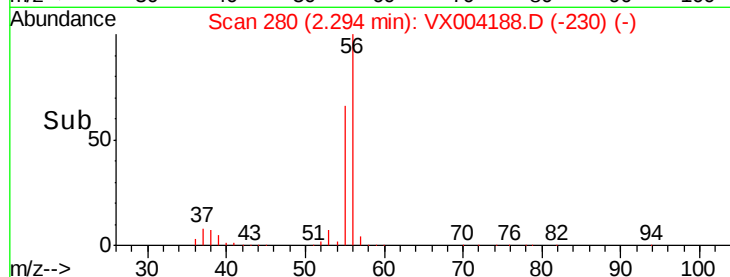
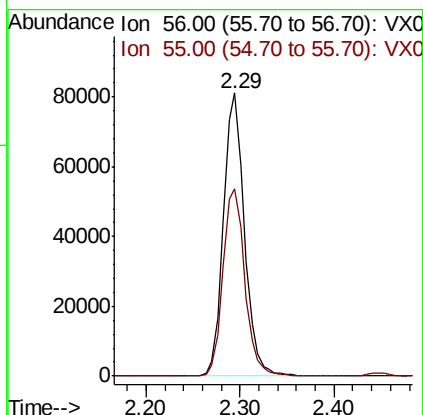
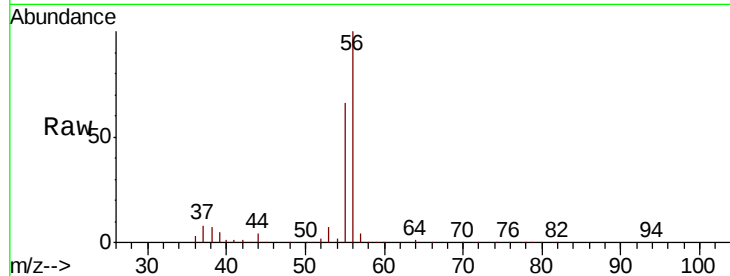




#13  
Acrolein  
Concen: 222.83 ug/l  
RT: 2.29 min Scan# 280  
Delta R.T. 0.01 min  
Lab File: VX004188.D  
Acq: 21 Aug 2018 20:42

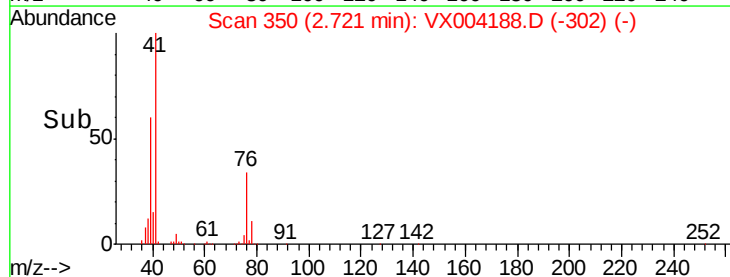
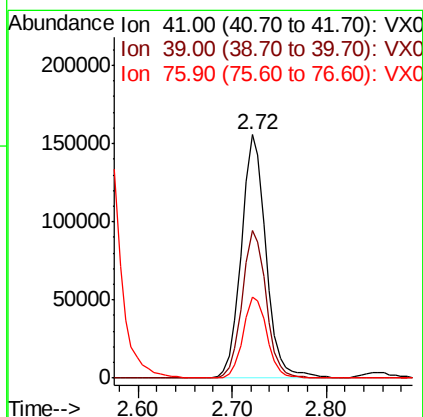
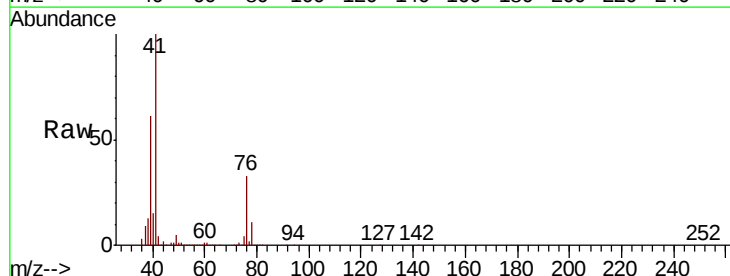
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

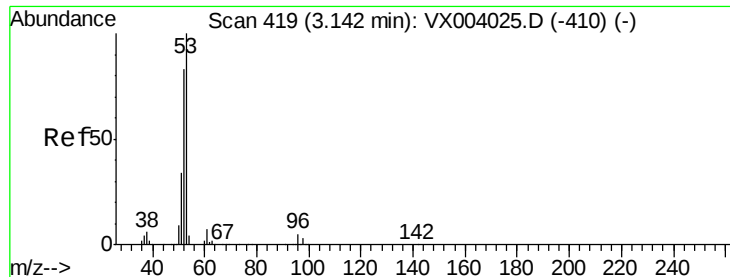
Tot Ion: 56 Resp: 125809  
Ion Ratio Lower Upper  
56 100  
55 69.2 56.1 84.1



#14  
Allyl chloride  
Concen: 48.15 ug/l  
RT: 2.72 min Scan# 350  
Delta R.T. -0.01 min  
Lab File: VX004188.D  
Acq: 21 Aug 2018 20:42

Tgt Ion: 41 Resp: 284296  
Ion Ratio Lower Upper  
41 100  
39 59.2 47.4 71.0  
76 32.5 26.0 39.0

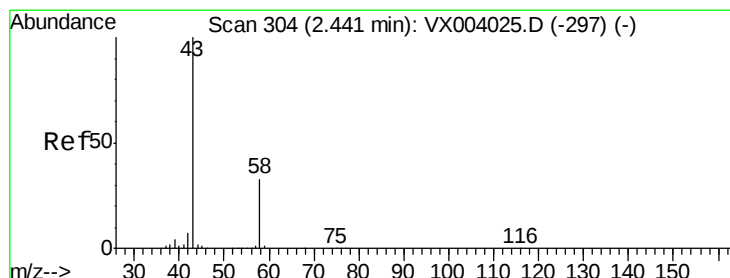
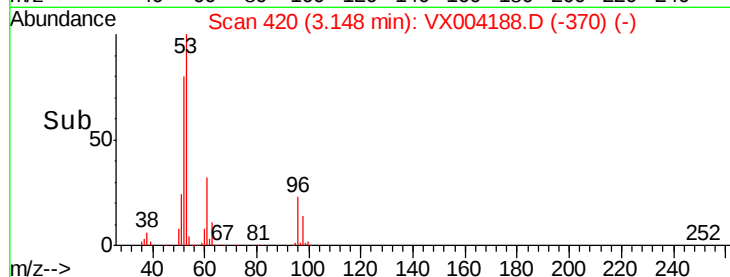
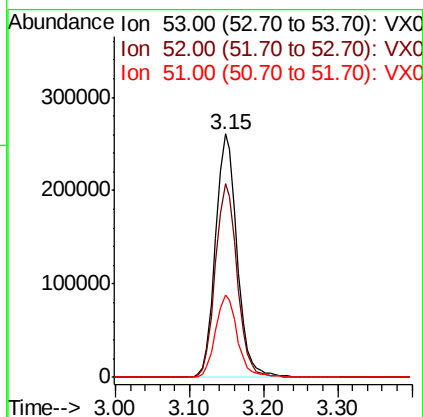
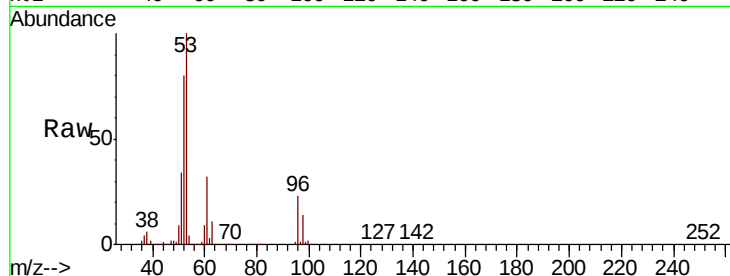




#15  
 Acrylonitrile  
 Concen: 249.49 ug/l  
 RT: 3.15 min Scan# 420  
 Delta R.T. 0.01 min  
 Lab File: VX004188.D  
 Acq: 21 Aug 2018 20:42

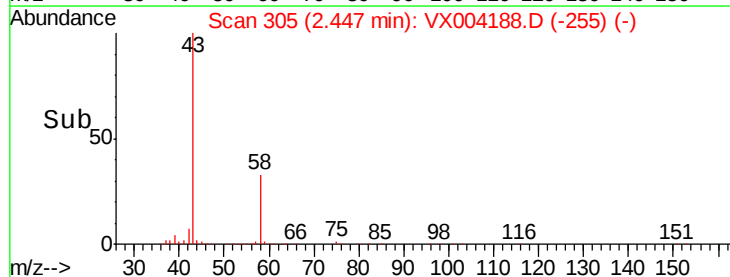
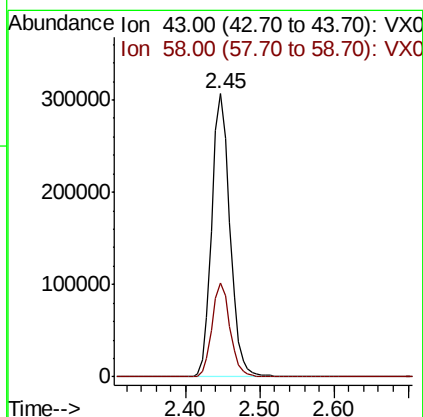
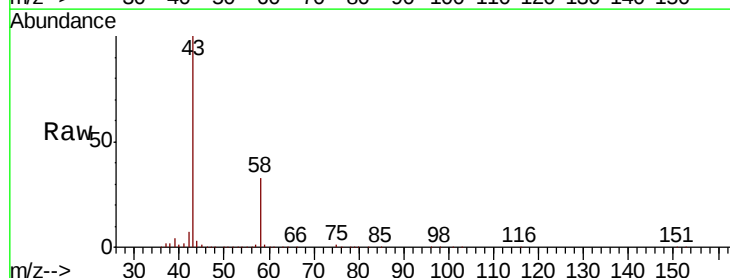
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

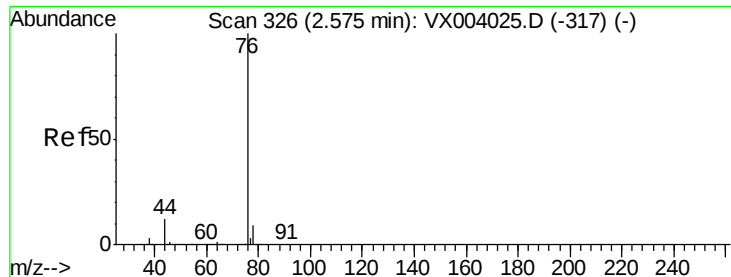
Tot Ion: 53 Resp: 520547  
 Ion Ratio Lower Upper  
 53 100  
 52 80.4 65.3 97.9  
 51 34.3 27.9 41.9



#16  
 Acetone  
 Concen: 238.09 ug/l  
 RT: 2.45 min Scan# 305  
 Delta R.T. 0.01 min  
 Lab File: VX004188.D  
 Acq: 21 Aug 2018 20:42

Tgt Ion: 43 Resp: 514417  
 Ion Ratio Lower Upper  
 43 100  
 58 33.0 26.4 39.6

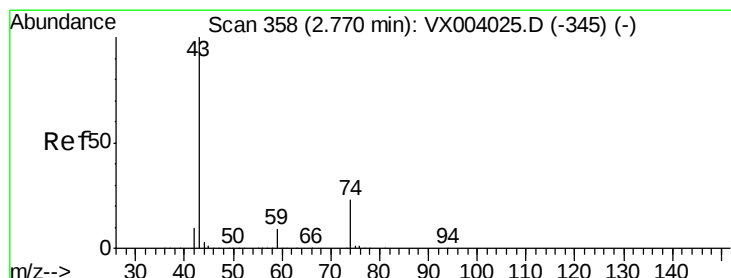
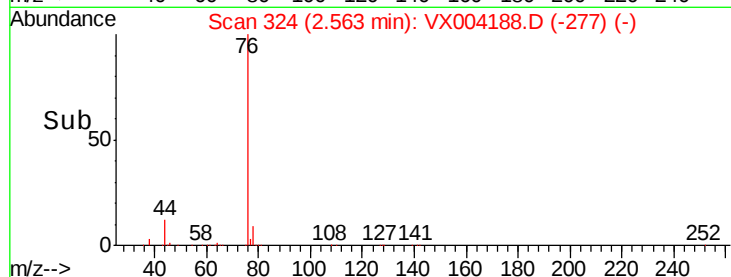
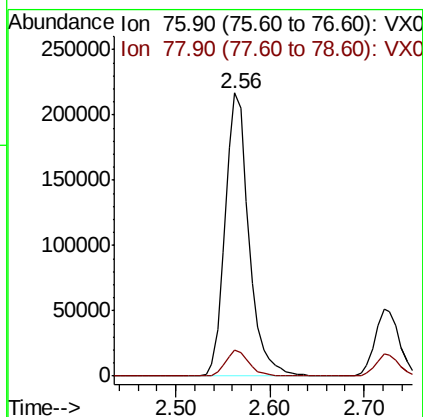
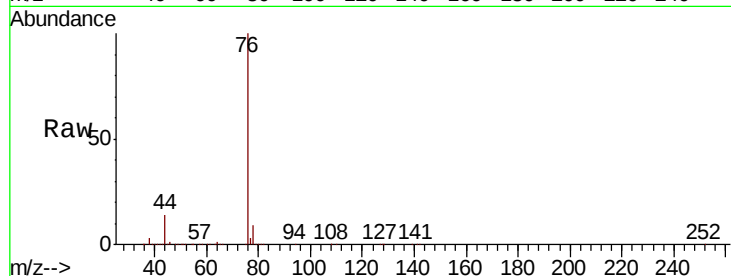




#17  
Carbon Disulfide  
Concen: 43.29 ug/l  
RT: 2.56 min Scan# 324  
Delta R.T. -0.01 min  
Lab File: VX004188.D  
Acq: 21 Aug 2018 20:42

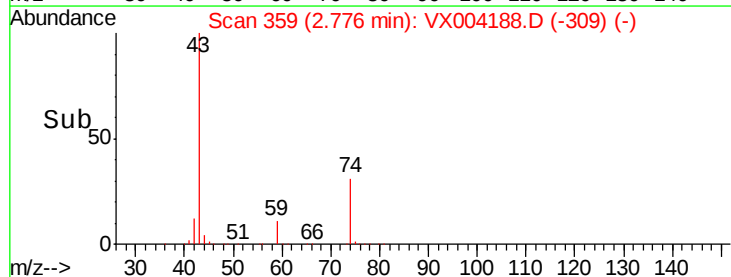
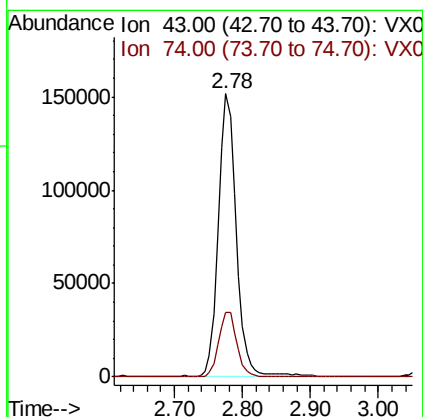
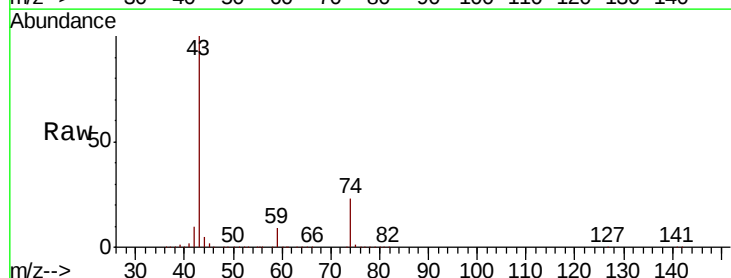
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

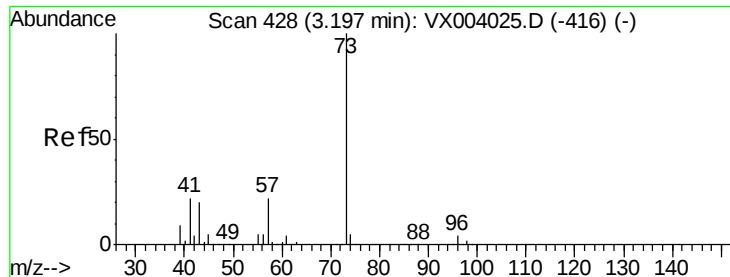
Tot Ion: 76 Resp: 380956  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.5 11.3



#18  
Methyl Acetate  
Concen: 57.07 ug/l  
RT: 2.78 min Scan# 359  
Delta R.T. 0.01 min  
Lab File: VX004188.D  
Acq: 21 Aug 2018 20:42

Tgt Ion: 43 Resp: 273997  
Ion Ratio Lower Upper  
43 100  
74 23.4 18.9 28.3

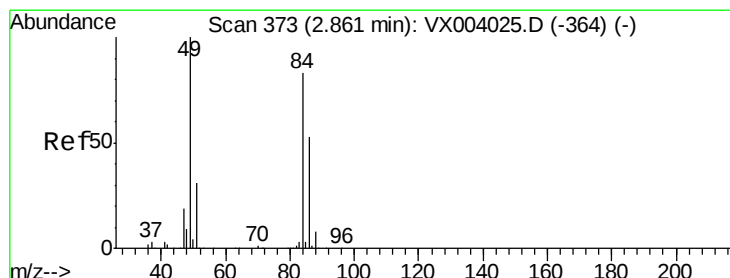
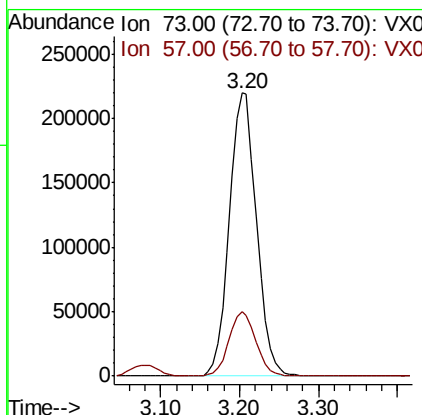
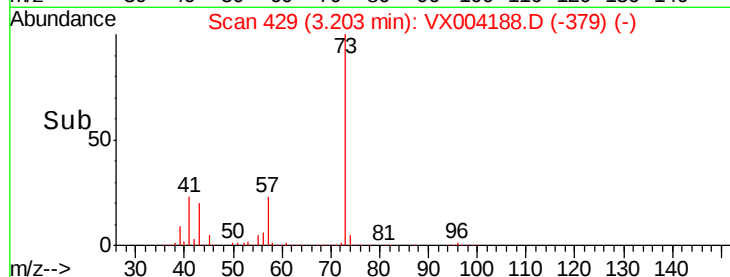
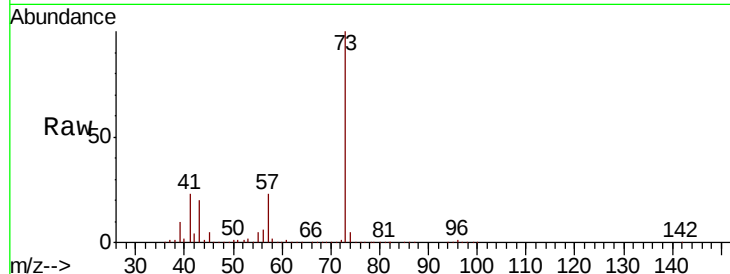




#19  
Methvl tert-butvl Ether  
Concen: 48.09 ug/l  
RT: 3.20 min Scan# 429  
Delta R.T. 0.01 min  
Lab File: VX004188.D  
Acq: 21 Aug 2018 20:42

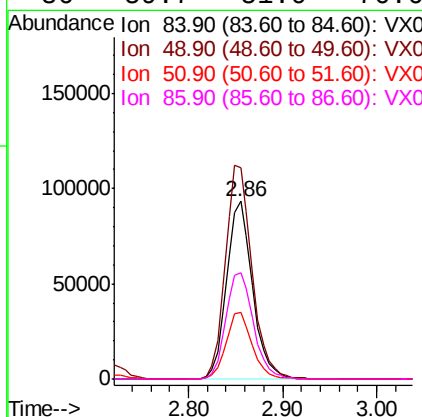
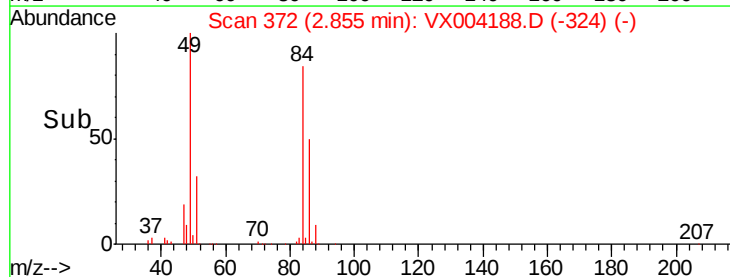
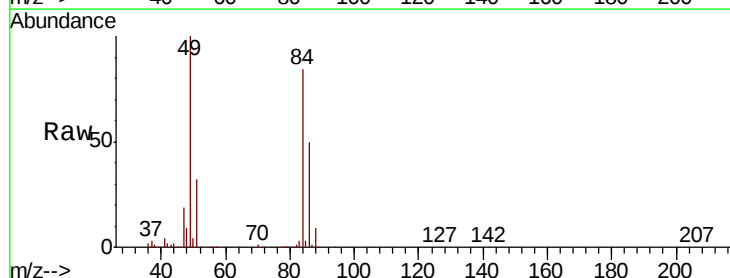
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

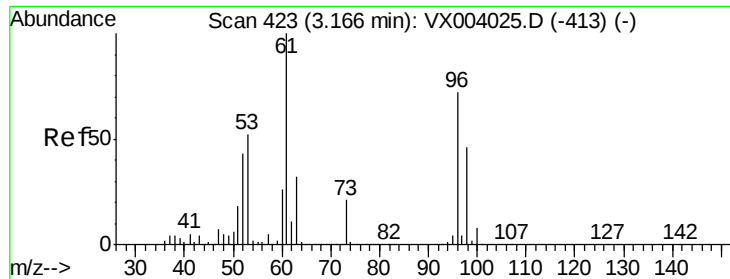
Tot Ion: 73 Resp: 525725  
Ion Ratio Lower Upper  
73 100  
57 22.9 18.0 27.0



#20  
Methylene Chloride  
Concen: 50.50 ug/l  
RT: 2.86 min Scan# 372  
Delta R.T. -0.01 min  
Lab File: VX004188.D  
Acq: 21 Aug 2018 20:42

Tgt Ion: 84 Resp: 178315  
Ion Ratio Lower Upper  
84 100  
49 119.1 98.9 148.3  
51 37.6 29.9 44.9  
86 59.7 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 46.37 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX004188.D

Acq: 21 Aug 2018 20:42

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

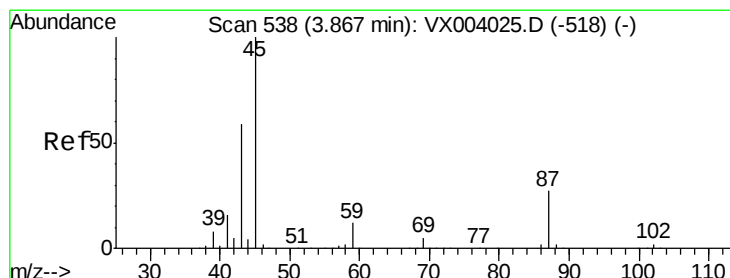
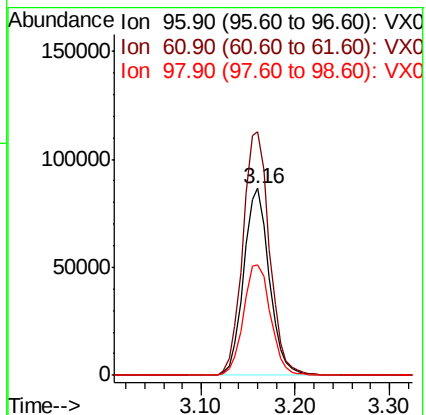
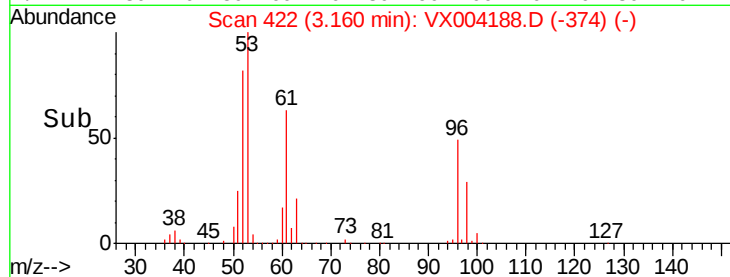
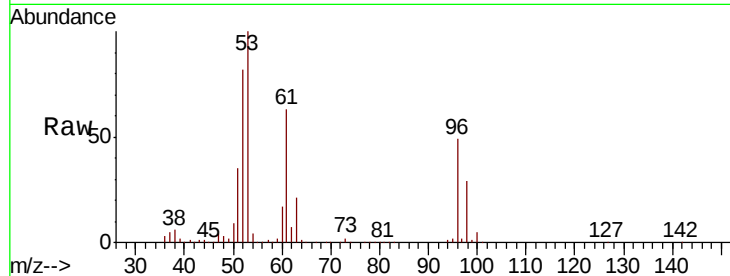
Tot Ion: 96 Resp: 163380

Ion Ratio Lower Upper

96 100

61 130.0 111.8 167.6

98 59.3 51.8 77.6



#22

Diisopropyl ether

Concen: 47.26 ug/l

RT: 3.87 min Scan# 538

Delta R.T. 0.00 min

Lab File: VX004188.D

Acq: 21 Aug 2018 20:42

Tgt Ion: 45 Resp: 546740

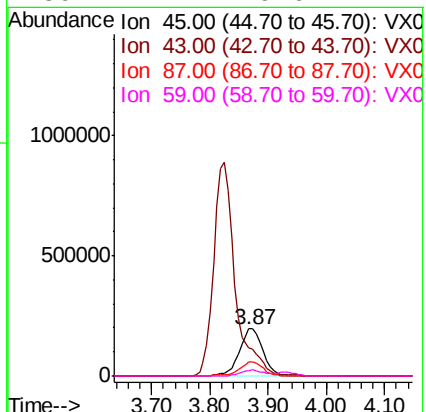
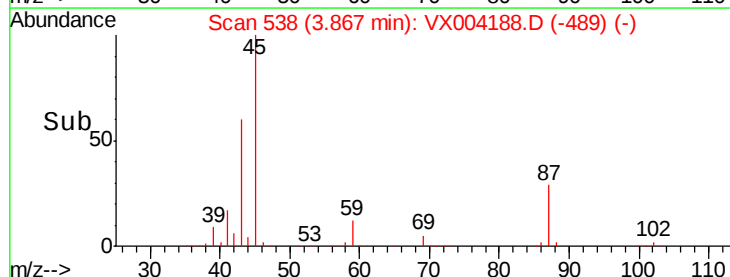
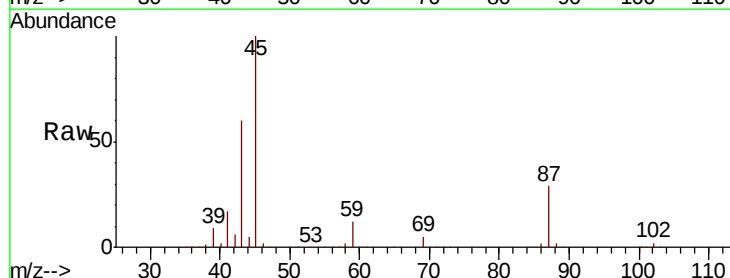
Ion Ratio Lower Upper

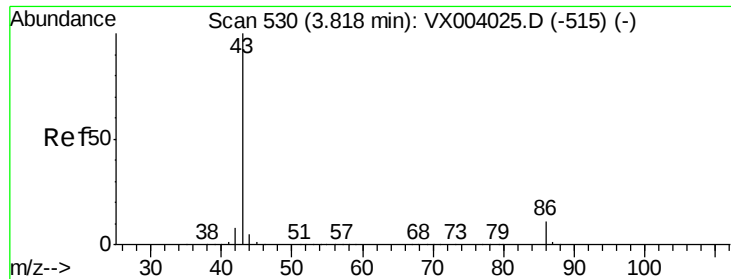
45 100

43 60.0 45.3 67.9

87 28.7 22.7 34.1

59 12.1 9.6 14.4





#23

Vinyl Acetate

Concen: 239.41 ug/l

RT: 3.82 min Scan# 531

Delta R.T. 0.01 min

Lab File: VX004188.D

Acq: 21 Aug 2018 20:42

Instrument :

MSVOA\_X

ClientSampleId :

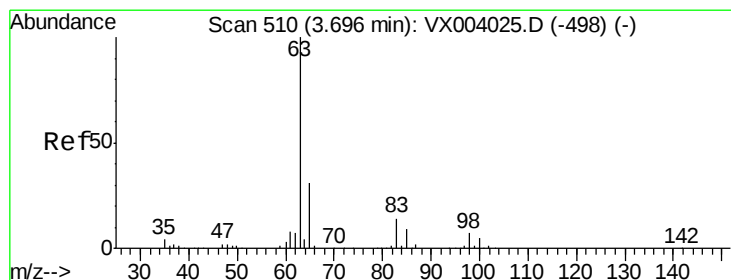
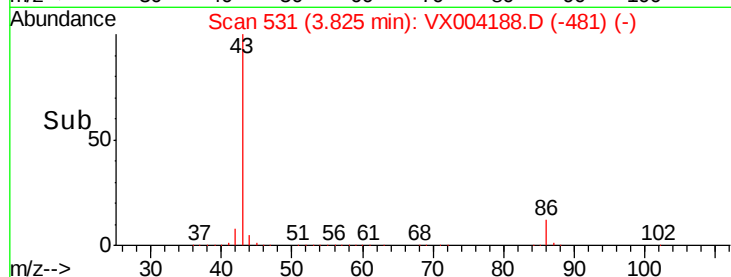
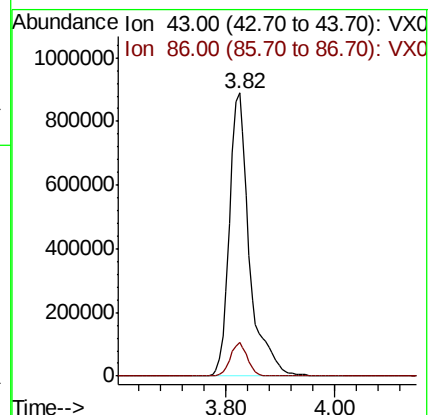
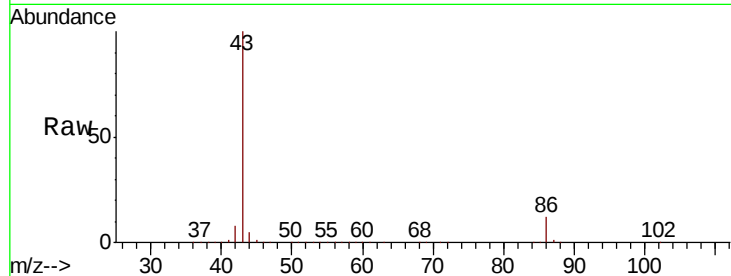
VSTDCCC050EC

Tot Ion: 43 Resp: 2274771

Ion Ratio Lower Upper

43 100

86 11.7 8.9 13.3



#24

1,1-Dichloroethane

Concen: 47.36 ug/l

RT: 3.69 min Scan# 509

Delta R.T. -0.01 min

Lab File: VX004188.D

Acq: 21 Aug 2018 20:42

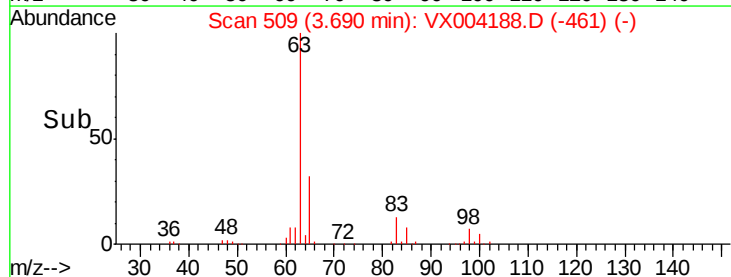
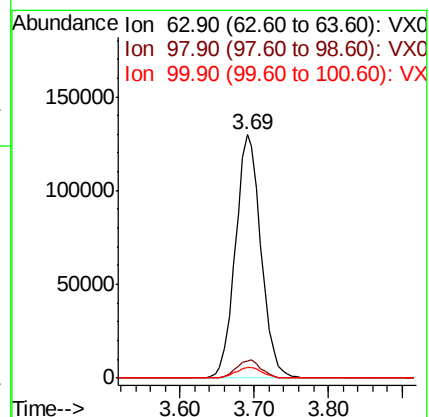
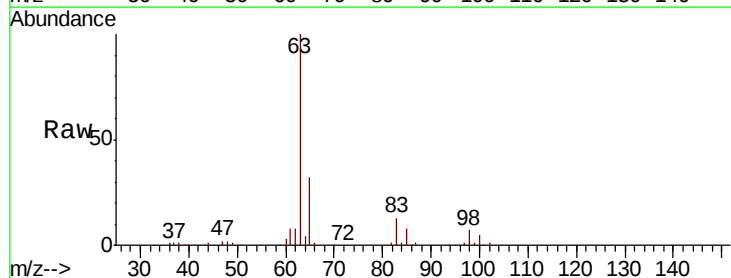
Tgt Ion: 63 Resp: 310347

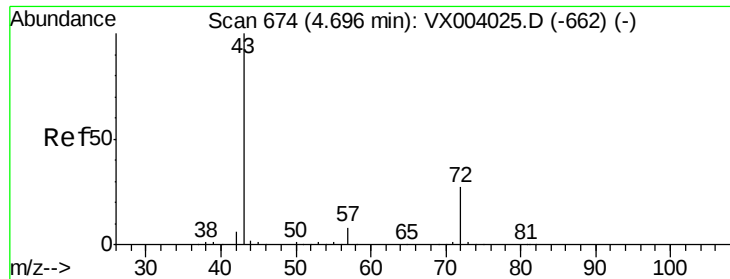
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.5

100 4.5 2.3 6.8





#25

2-Butanone

Concen: 238.70 ug/l

RT: 4.70 min Scan# 675

Delta R.T. 0.01 min

Lab File: VX004188.D

Acq: 21 Aug 2018 20:42

Instrument :

MSVOA\_X

ClientSampleId :

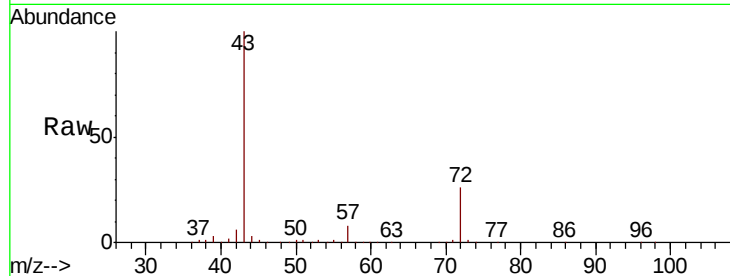
VSTDCCC050EC

Tot Ion: 43 Resp: 839131

Ion Ratio Lower Upper

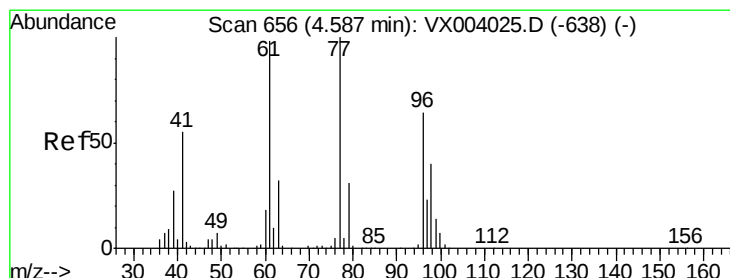
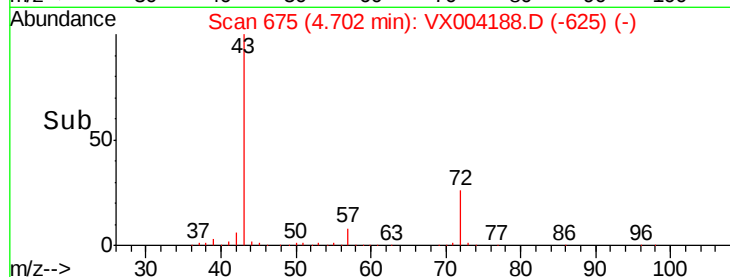
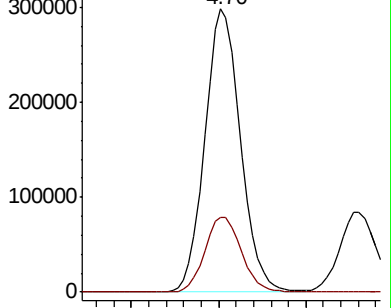
43 100

72 26.3 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 39.53 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX004188.D

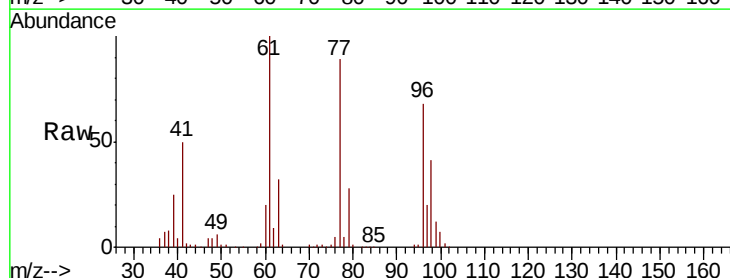
Acq: 21 Aug 2018 20:42

Tgt Ion: 77 Resp: 205909

Ion Ratio Lower Upper

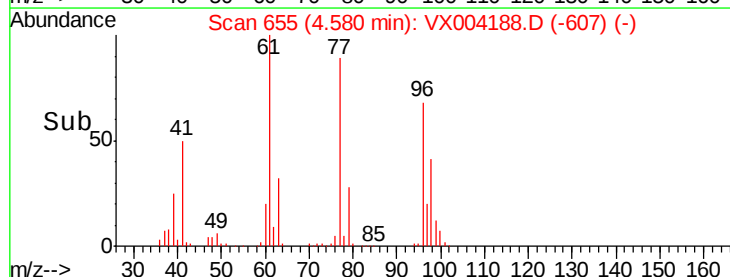
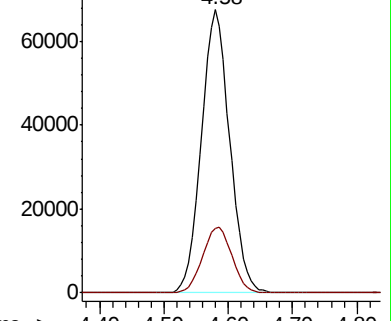
77 100

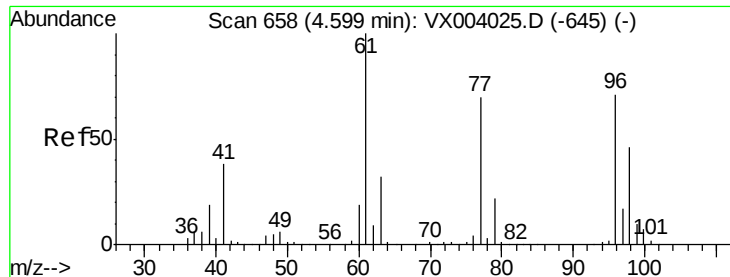
97 24.0 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



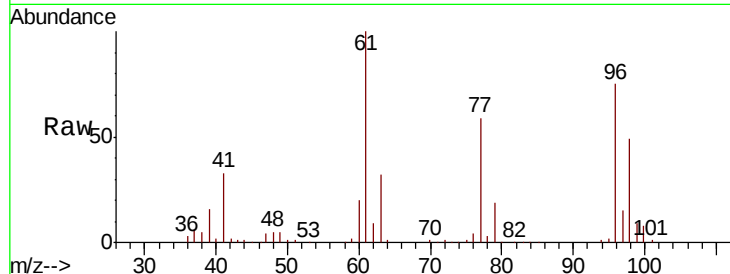


#27

cis-1,2-Dichloroethene  
Concen: 48.85 ug/l  
RT: 4.59 min Scan# 657  
Delta R.T. -0.01 min  
Lab File: VX004188.D  
Acq: 21 Aug 2018 20:42

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 137.4 | 0.0   | 293.0 |
| 98      | 64.2  | 0.0   | 131.8 |

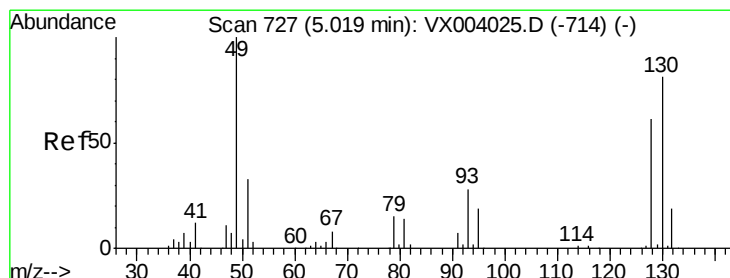
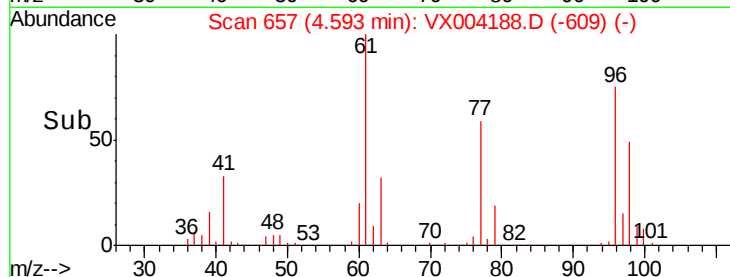
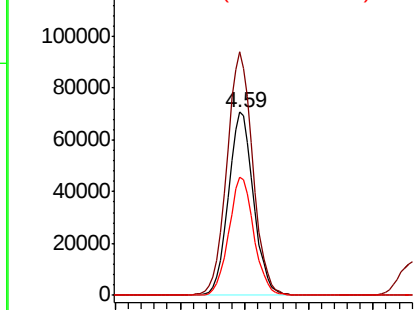


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

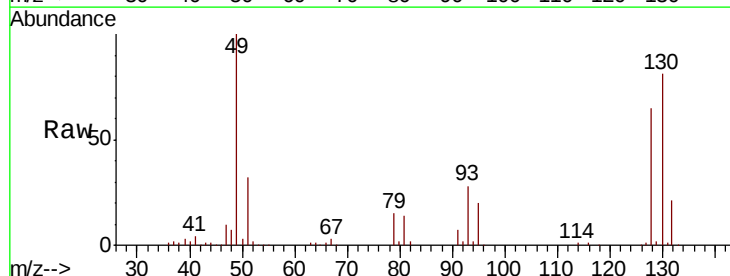
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane  
Concen: 51.97 ug/l  
RT: 5.01 min Scan# 726  
Delta R.T. -0.01 min  
Lab File: VX004188.D  
Acq: 21 Aug 2018 20:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.1   | 0.0   | 4.2   |
| 130     | 84.4  | 66.5  | 99.7  |

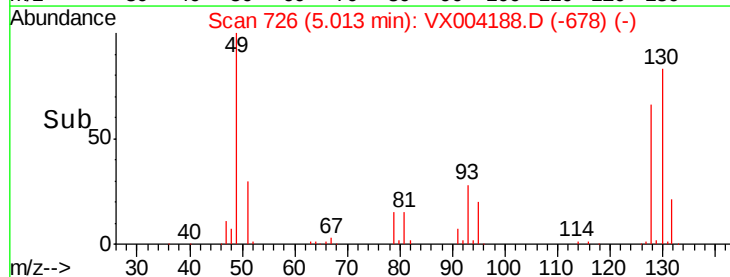
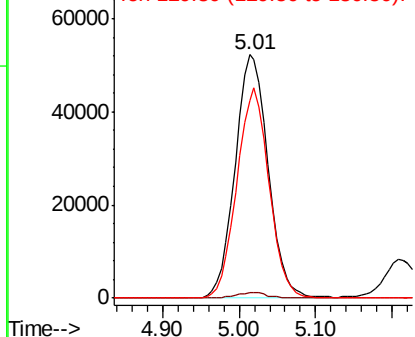


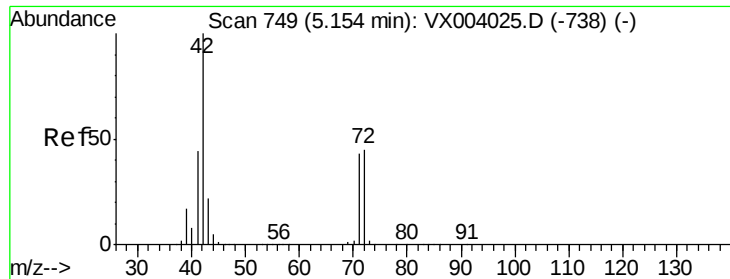
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

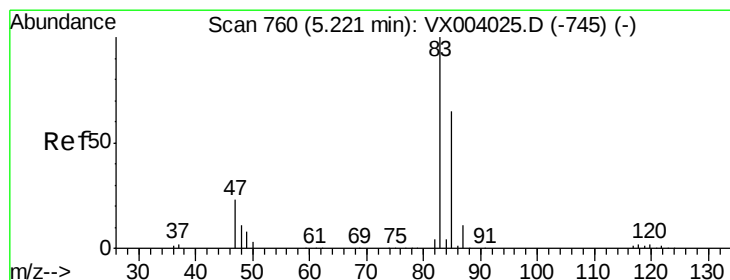
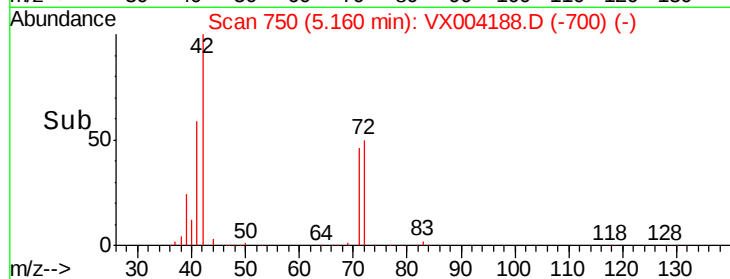
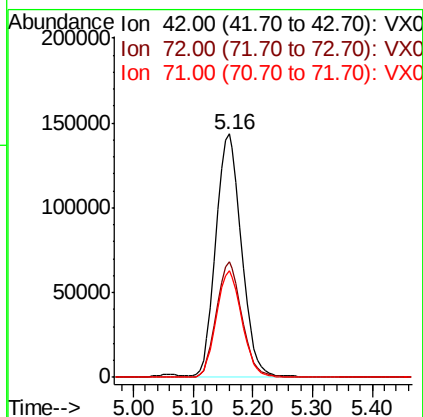
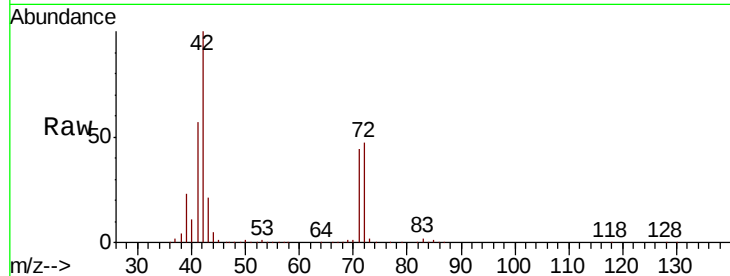




#29  
Tetrahydrofuran  
Concen: 238.77 ug/l  
RT: 5.16 min Scan# 750  
Delta R.T. 0.01 min  
Lab File: VX004188.D  
Acq: 21 Aug 2018 20:42

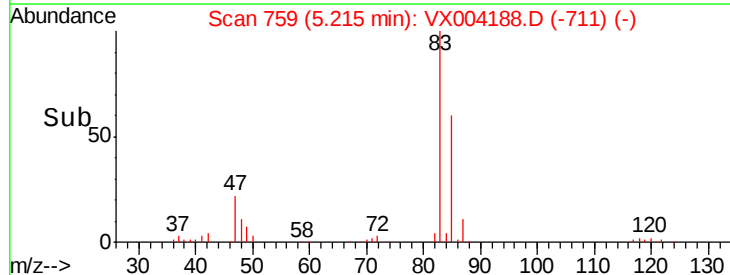
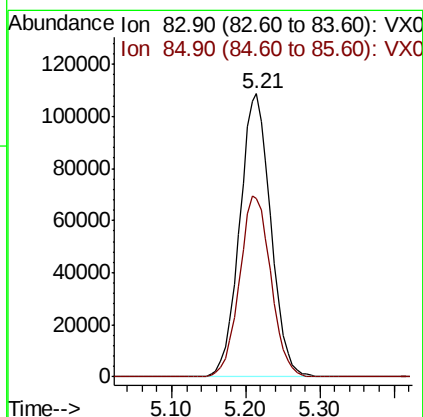
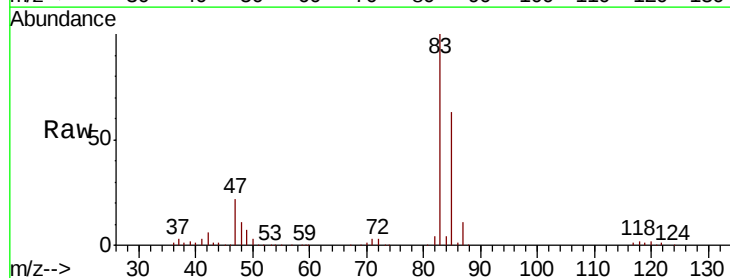
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

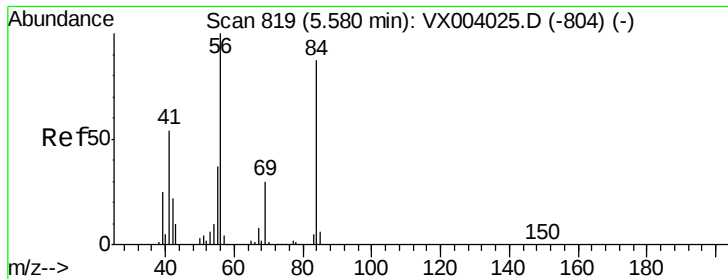
Tot Ion: 42 Resp: 428843  
Ion Ratio Lower Upper  
42 100  
72 47.2 37.7 56.5  
71 43.8 35.0 52.6



#30  
Chloroform  
Concen: 49.63 ug/l  
RT: 5.21 min Scan# 759  
Delta R.T. -0.01 min  
Lab File: VX004188.D  
Acq: 21 Aug 2018 20:42

Tgt Ion: 83 Resp: 317388  
Ion Ratio Lower Upper  
83 100  
85 63.1 50.7 76.1





#31

Cyclohexane

Concen: 45.64 ug/l

RT: 5.57 min Scan# 817

Delta R.T. -0.01 min

Lab File: VX004188.D

Acq: 21 Aug 2018 20:42

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

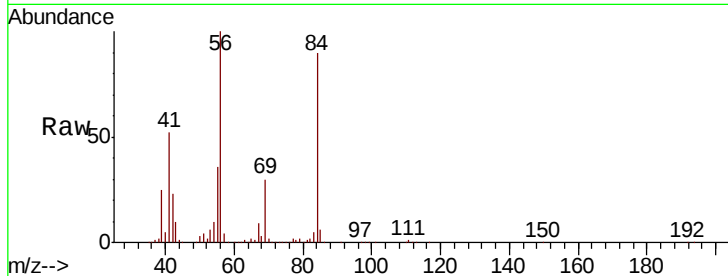
Tot Ion: 56 Resp: 262194

Ion Ratio Lower Upper

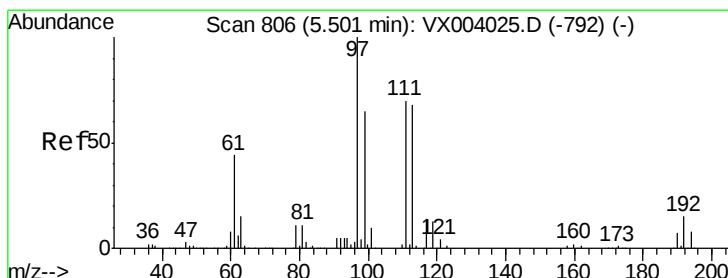
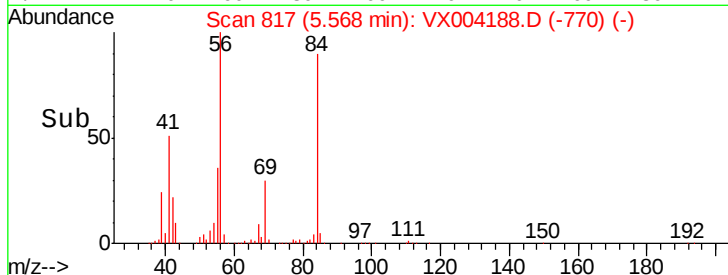
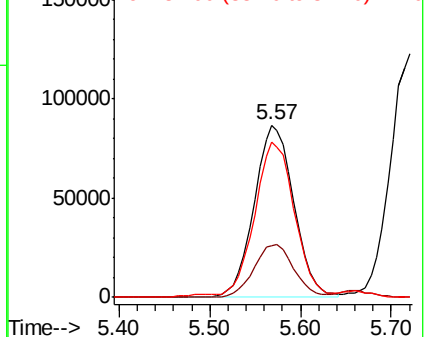
56 100

69 29.8 24.9 37.3

84 88.9 71.7 107.5



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: 50.01 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX004188.D

Acq: 21 Aug 2018 20:42

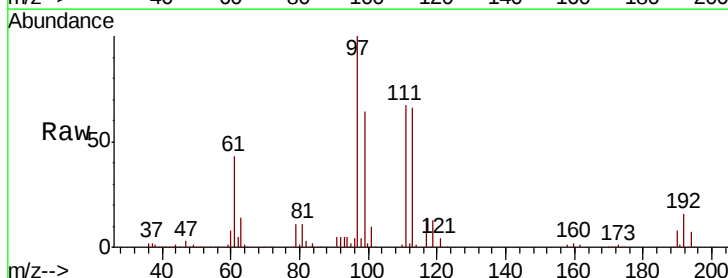
Tgt Ion: 97 Resp: 267248

Ion Ratio Lower Upper

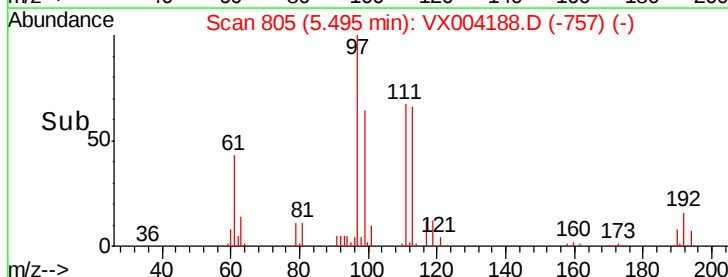
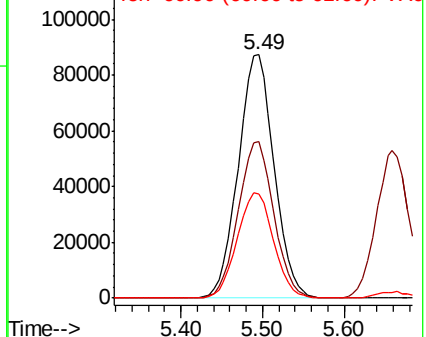
97 100

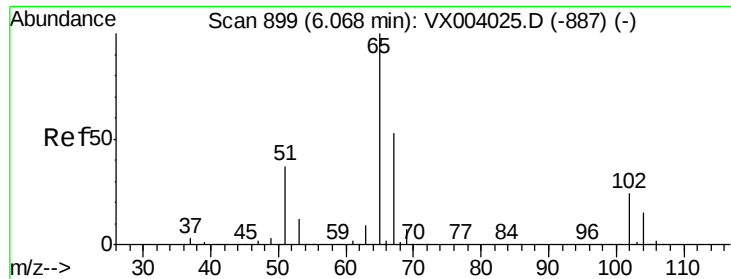
99 63.6 51.8 77.8

61 43.9 34.4 51.6



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

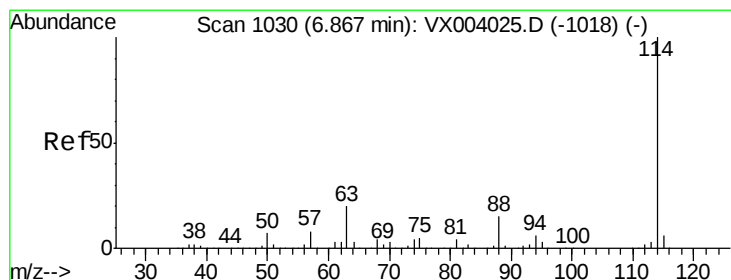
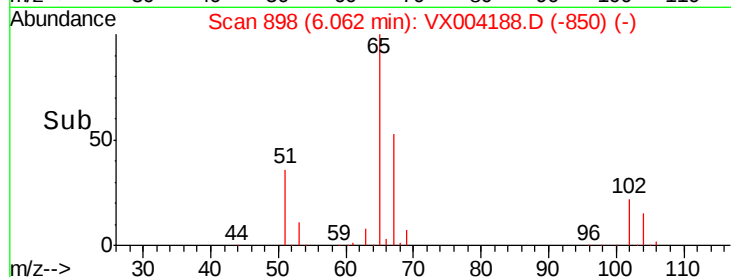
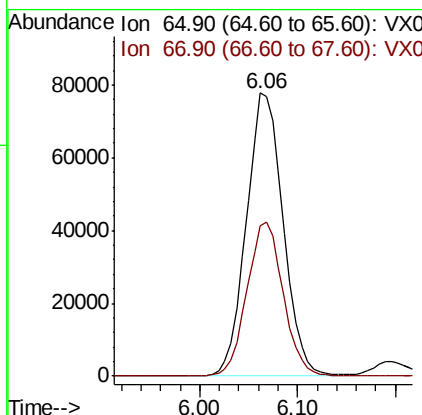
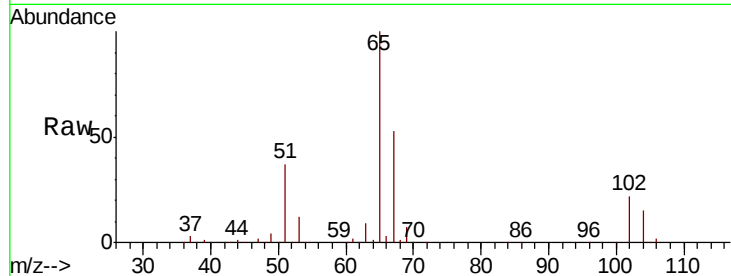




#33  
 1,2-Dichloroethane-d4  
 Concen: 49.04 ug/l  
 RT: 6.06 min Scan# 898  
 Delta R.T. -0.01 min  
 Lab File: VX004188.D  
 Acq: 21 Aug 2018 20:42

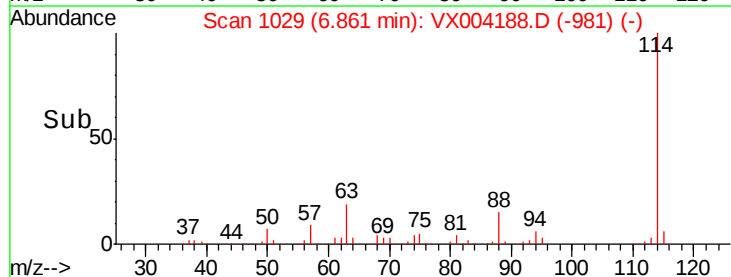
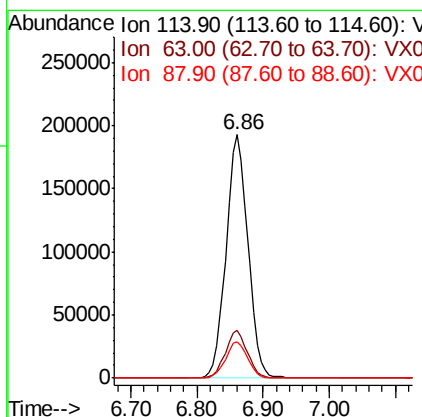
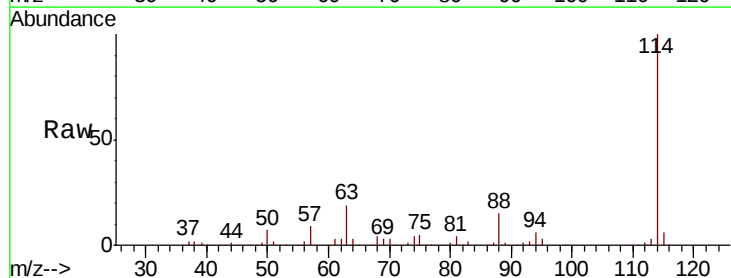
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

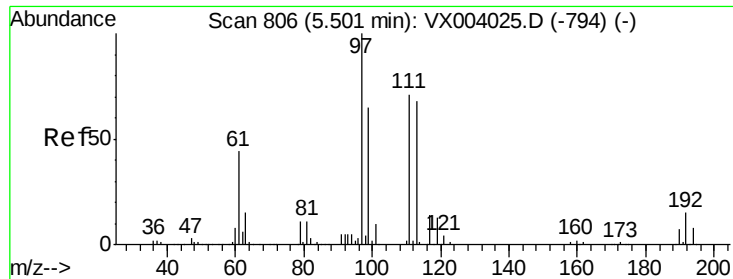
Tot Ion: 65 Resp: 203810  
 Ion Ratio Lower Upper  
 65 100  
 67 53.6 0.0 105.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.86 min Scan# 1029  
 Delta R.T. -0.01 min  
 Lab File: VX004188.D  
 Acq: 21 Aug 2018 20:42

Tgt Ion: 114 Resp: 441959  
 Ion Ratio Lower Upper  
 114 100  
 63 19.4 0.0 39.0  
 88 15.1 0.0 32.0

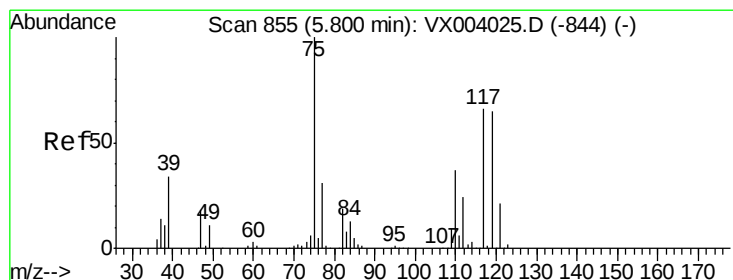
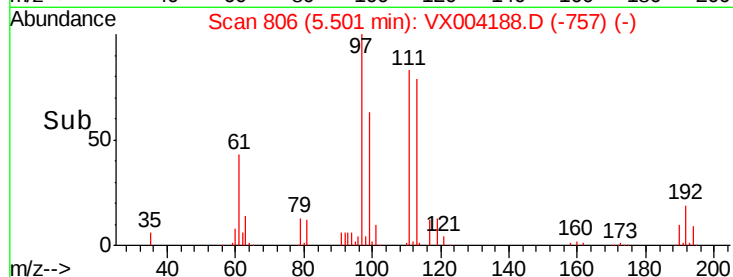
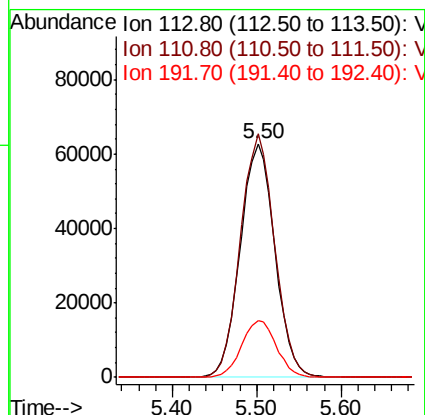
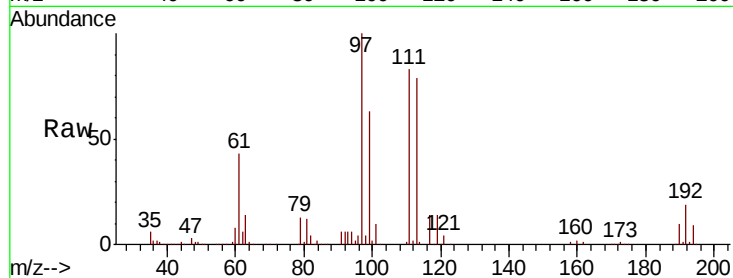




#35  
 Dibromofluoromethane  
 Concen: 52.75 ug/l  
 RT: 5.50 min Scan# 806  
 Delta R.T. 0.00 min  
 Lab File: VX004188.D  
 Acq: 21 Aug 2018 20:42

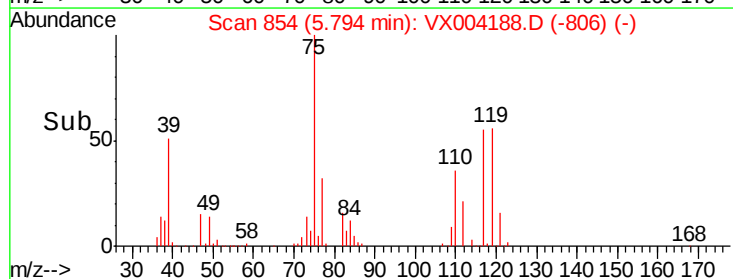
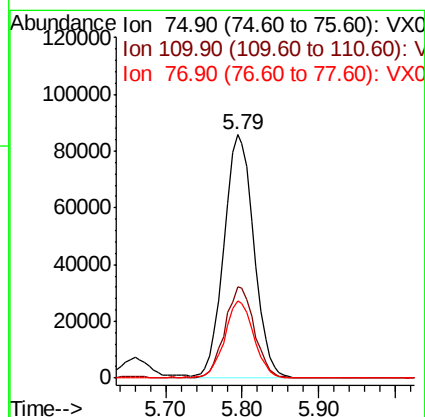
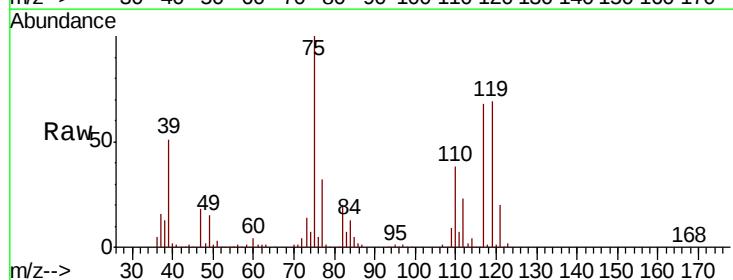
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

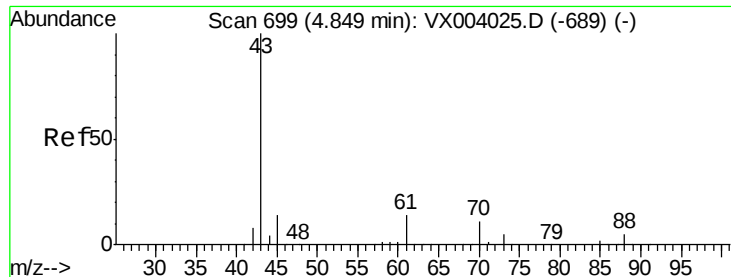
Tot Ion:113 Resp: 174466  
 Ion Ratio Lower Upper  
 113 100  
 111 103.1 82.0 123.0  
 192 24.4 19.0 28.4



#36  
 1,1-Dichloropropene  
 Concen: 46.06 ug/l  
 RT: 5.79 min Scan# 854  
 Delta R.T. -0.01 min  
 Lab File: VX004188.D  
 Acq: 21 Aug 2018 20:42

Tgt Ion: 75 Resp: 231651  
 Ion Ratio Lower Upper  
 75 100  
 110 37.0 18.2 54.6  
 77 31.4 25.0 37.4

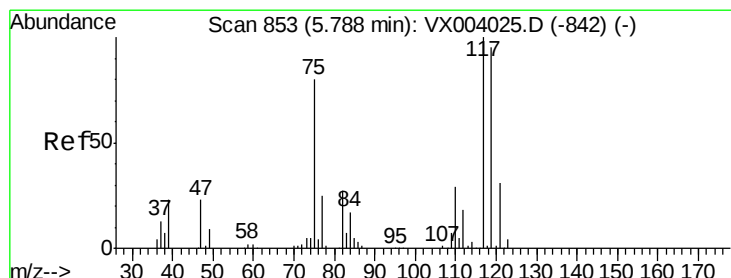
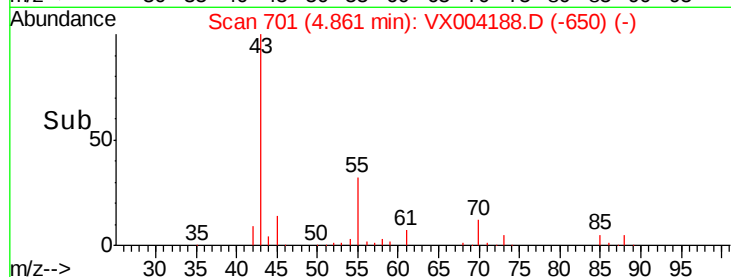
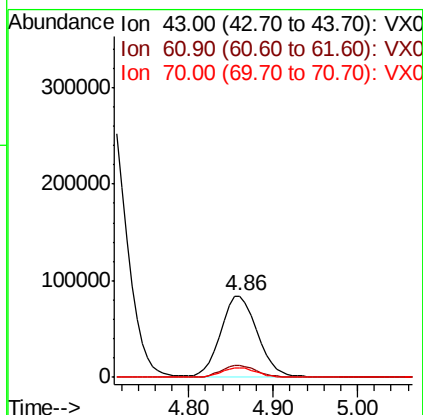
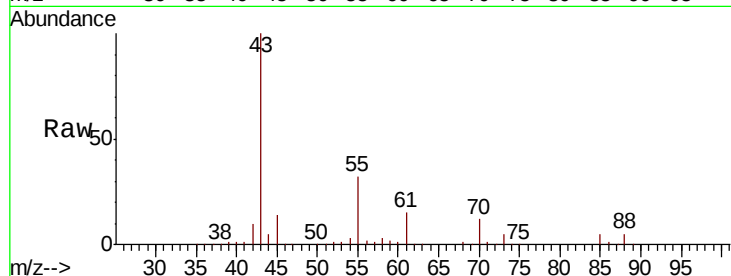




#37  
Ethyl Acetate  
Concen: 45.22 ug/l  
RT: 4.86 min Scan# 701  
Delta R.T. 0.01 min  
Lab File: VX004188.D  
Acq: 21 Aug 2018 20:42

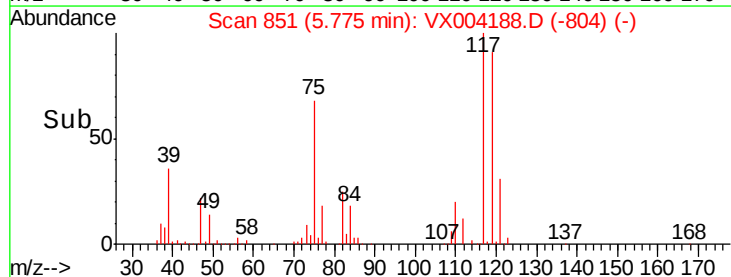
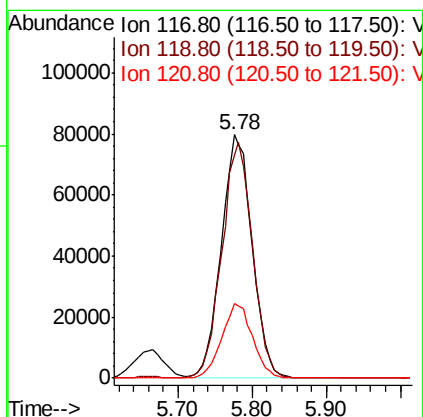
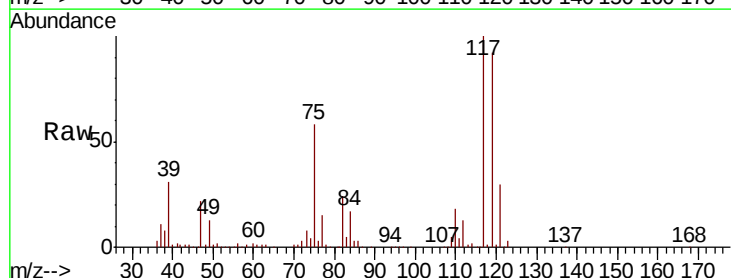
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

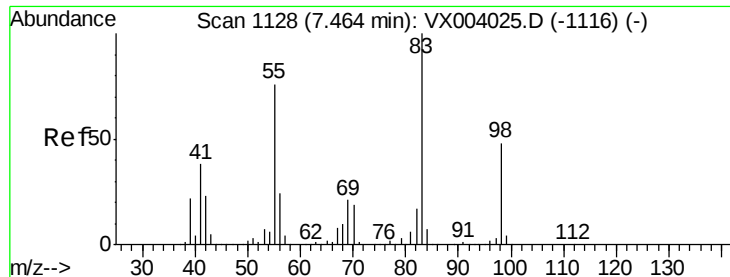
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.9  | 11.5  | 17.3  |
| 70      | 11.5  | 9.0   | 13.4  |



#38  
Carbon Tetrachloride  
Concen: 46.99 ug/l  
RT: 5.78 min Scan# 851  
Delta R.T. -0.01 min  
Lab File: VX004188.D  
Acq: 21 Aug 2018 20:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 91.5  | 79.5  | 119.3 |
| 121     | 30.5  | 25.0  | 37.4  |

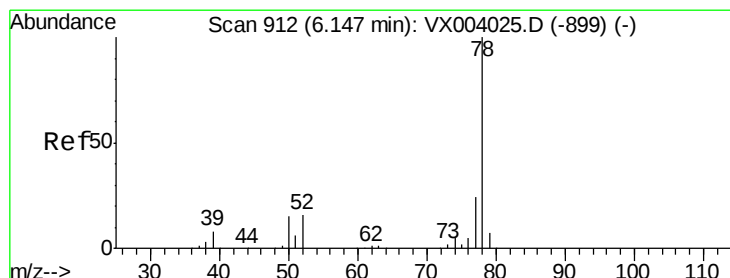
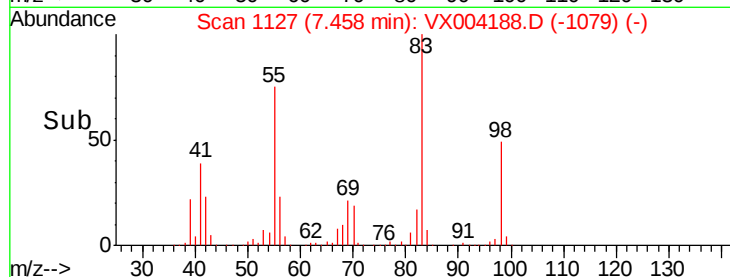
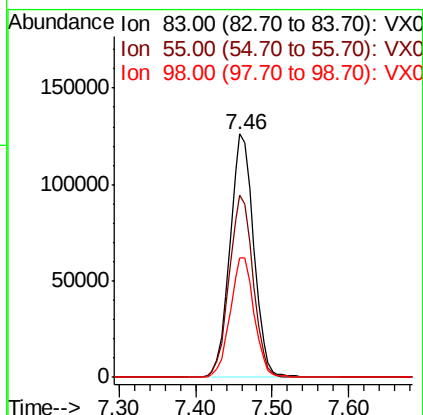
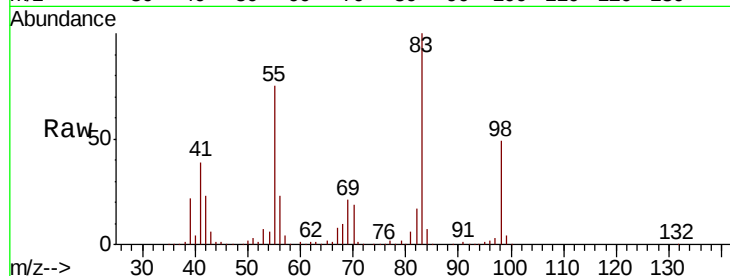




#39  
Methvlcvclohexane  
Concen: 47.61 ug/l  
RT: 7.46 min Scan# 1127  
Delta R.T. -0.01 min  
Lab File: VX004188.D  
Acq: 21 Aug 2018 20:42

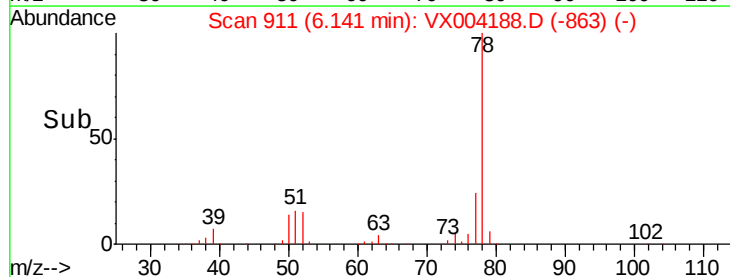
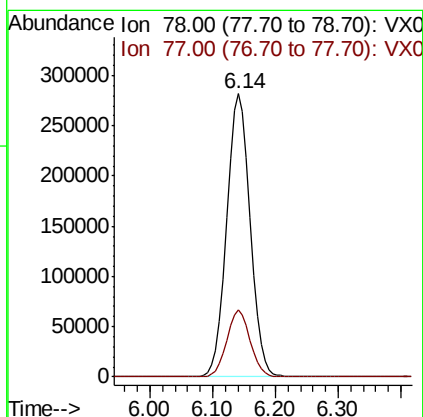
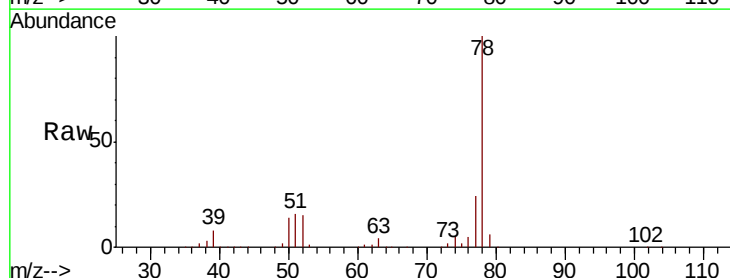
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

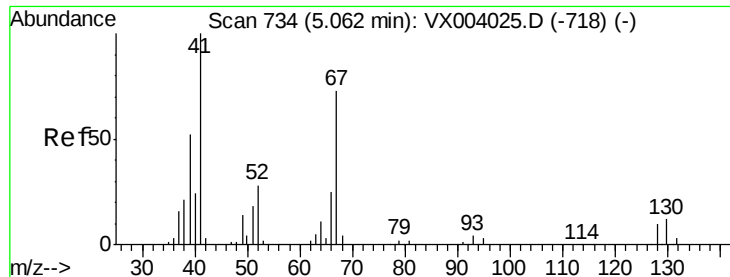
Tot Ion: 83 Resp: 271634  
Ion Ratio Lower Upper  
83 100  
55 74.6 61.0 91.6  
98 49.2 38.6 57.8



#40  
Benzene  
Concen: 48.29 ug/l  
RT: 6.14 min Scan# 911  
Delta R.T. -0.01 min  
Lab File: VX004188.D  
Acq: 21 Aug 2018 20:42

Tgt Ion: 78 Resp: 729283  
Ion Ratio Lower Upper  
78 100  
77 23.8 19.0 28.4

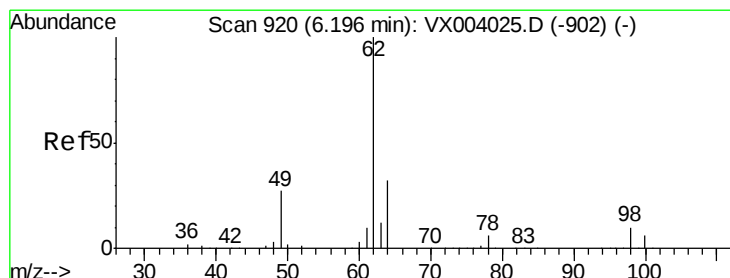
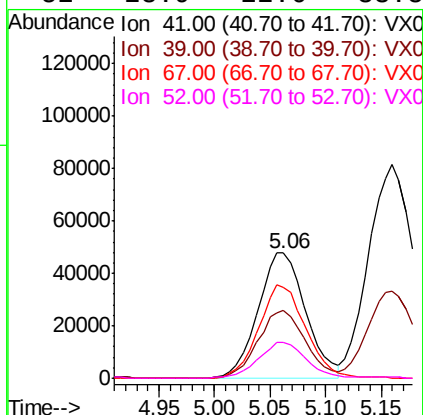
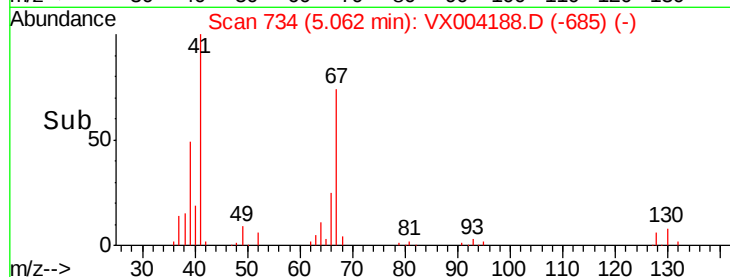
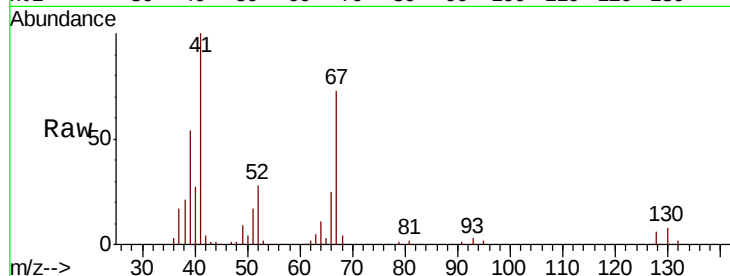




#41  
Methacrylonitrile  
Concen: 46.30 ug/l  
RT: 5.06 min Scan# 734  
Delta R.T. 0.00 min  
Lab File: VX004188.D  
Acq: 21 Aug 2018 20:42

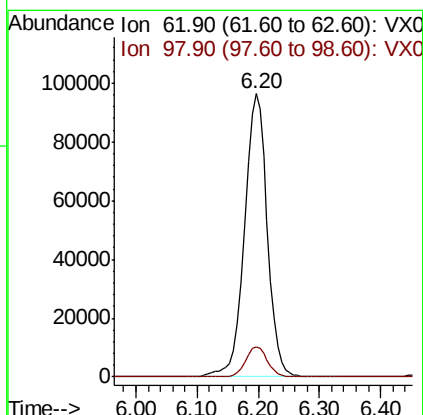
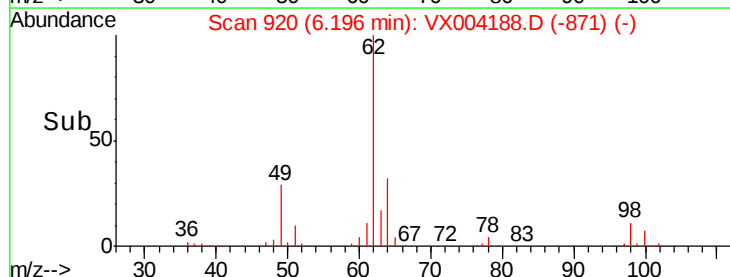
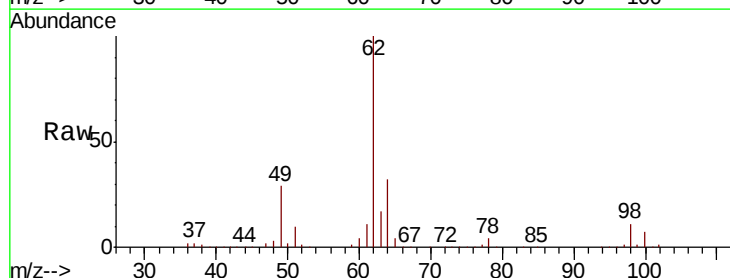
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

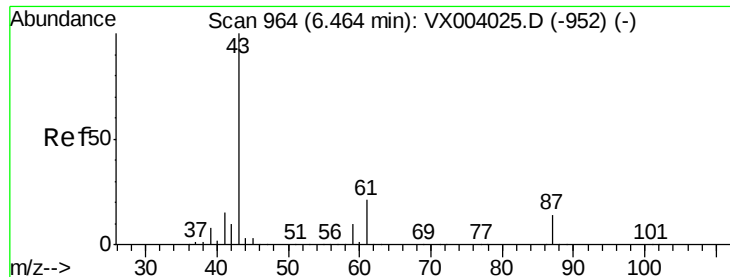
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 41    | Resp: | 142026 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 53.6  | 42.7  | 64.1   |
| 67       | 74.3  | 58.9  | 88.3   |
| 52       | 28.9  | 22.6  | 33.8   |



#42  
1,2-Dichloroethane  
Concen: 47.20 ug/l  
RT: 6.20 min Scan# 920  
Delta R.T. 0.00 min  
Lab File: VX004188.D  
Acq: 21 Aug 2018 20:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 249481 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 10.2  | 0.0   | 20.4   |



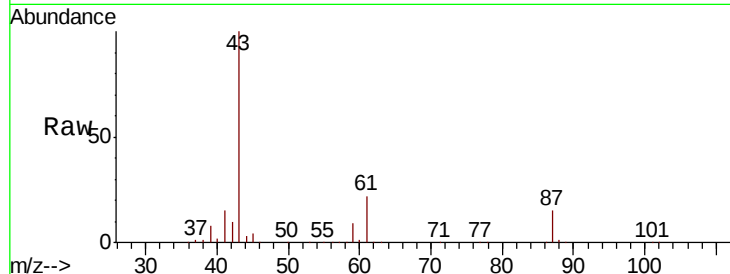


#43

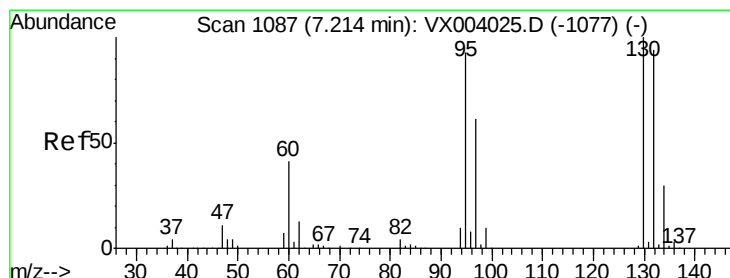
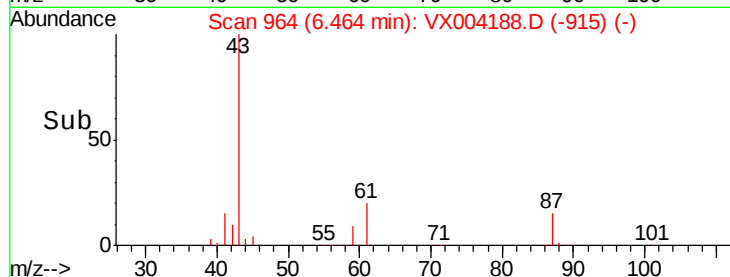
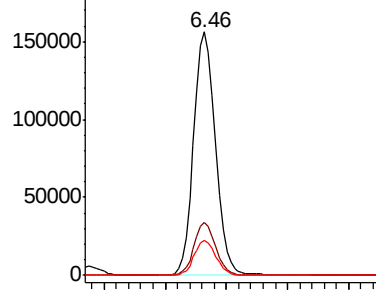
Isopropyl Acetate  
 Concen: 47.63 ug/l  
 RT: 6.46 min Scan# 964  
 Delta R.T. 0.00 min  
 Lab File: VX004188.D  
 Acq: 21 Aug 2018 20:42

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion   | 43    | Resp  | 384521 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 61        | 21.4  | 16.9  | 25.3   |
| 87        | 14.4  | 11.3  | 16.9   |



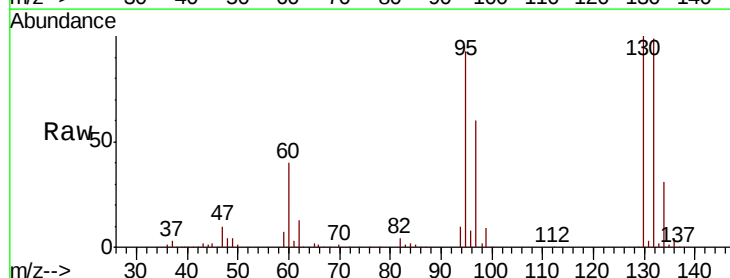
Abundance Ion 43.00 (42.70 to 43.70): VX0  
 Ion 61.00 (60.70 to 61.70): VX0  
 Ion 87.00 (86.70 to 87.70): VX0



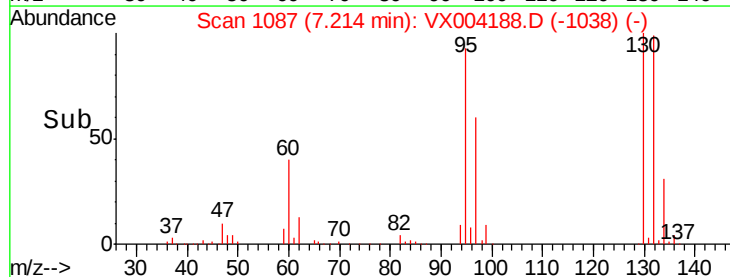
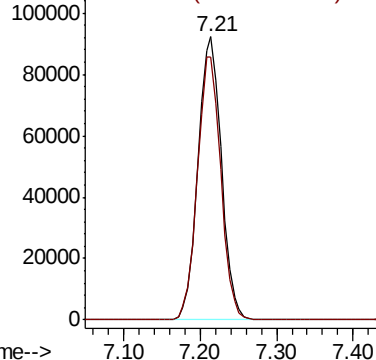
#44

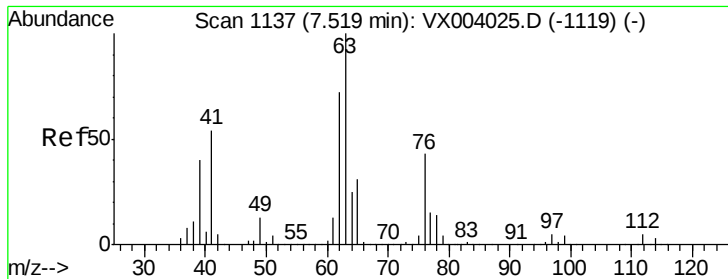
Trichloroethene  
 Concen: 47.70 ug/l  
 RT: 7.21 min Scan# 1087  
 Delta R.T. 0.00 min  
 Lab File: VX004188.D  
 Acq: 21 Aug 2018 20:42

| Tgt Ion   | 130   | Resp  | 195571 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 130       | 100   |       |        |
| 95        | 92.7  | 0.0   | 199.4  |



Abundance Ion 129.80 (129.50 to 130.50): V  
 Ion 94.90 (94.60 to 95.60): VX0

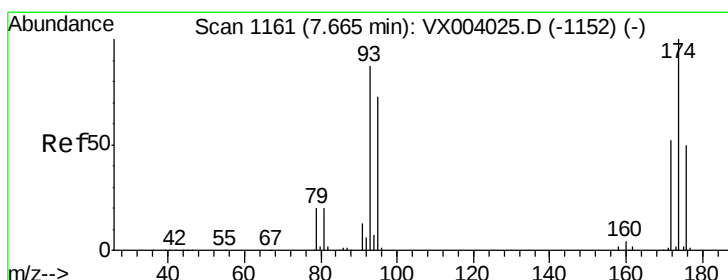
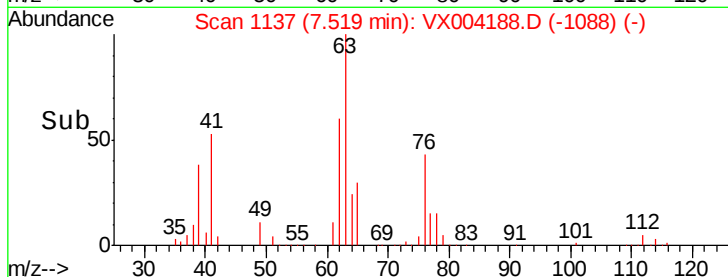
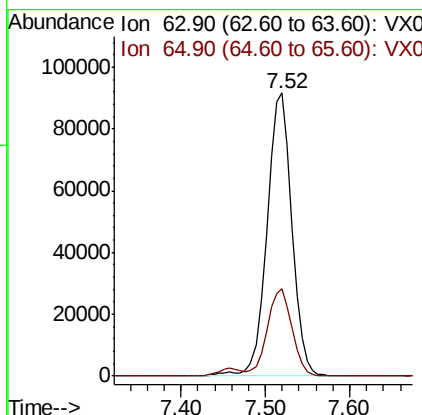
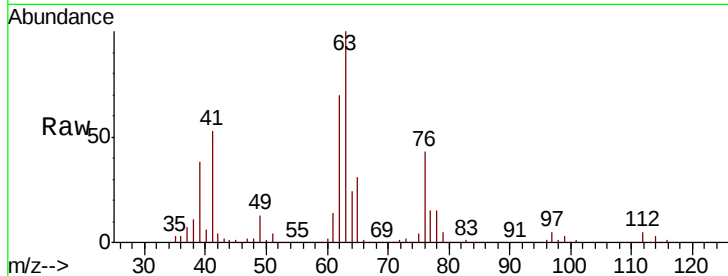




#45  
 1,2-Dichloropropane  
 Concen: 48.43 ug/l  
 RT: 7.52 min Scan# 1137  
 Delta R.T. 0.00 min  
 Lab File: VX004188.D  
 Acq: 21 Aug 2018 20:42

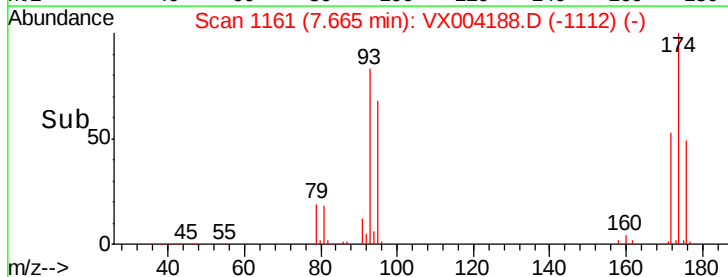
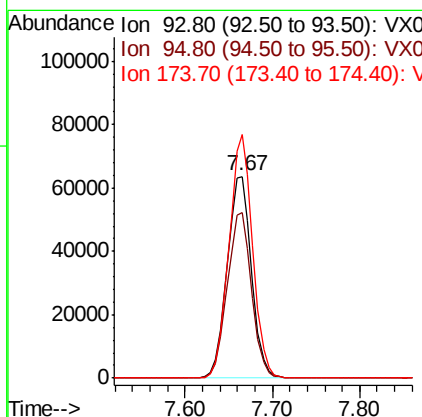
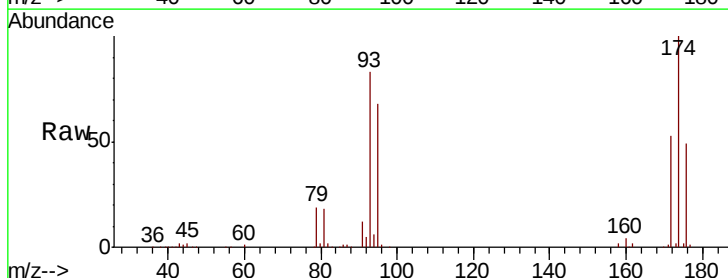
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

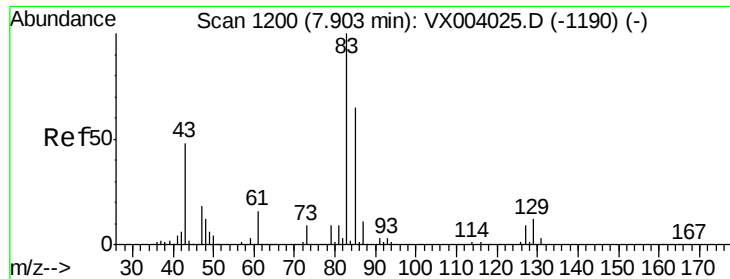
Tot Ion: 63 Resp: 187223  
 Ion Ratio Lower Upper  
 63 100  
 65 31.0 24.6 36.8



#46  
 Dibromomethane  
 Concen: 48.51 ug/l  
 RT: 7.67 min Scan# 1161  
 Delta R.T. 0.00 min  
 Lab File: VX004188.D  
 Acq: 21 Aug 2018 20:42

Tgt Ion: 93 Resp: 122544  
 Ion Ratio Lower Upper  
 93 100  
 95 82.2 66.4 99.6  
 174 117.7 94.3 141.5





#47

Bromodichloromethane

Concen: 49.95 ug/l

RT: 7.90 min Scan# 1199

Delta R.T. -0.01 min

Lab File: VX004188.D

Acq: 21 Aug 2018 20:42

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

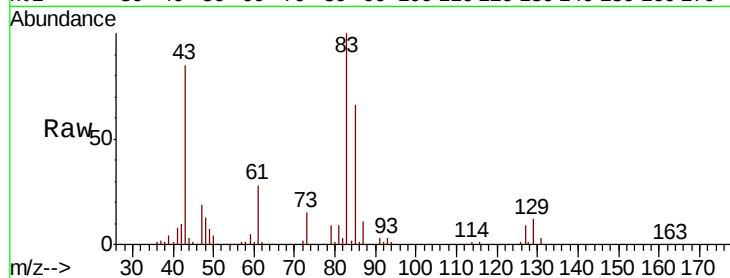
Tot Ion: 83 Resp: 239019

Ion Ratio Lower Upper

83 100

85 66.1 51.2 76.8

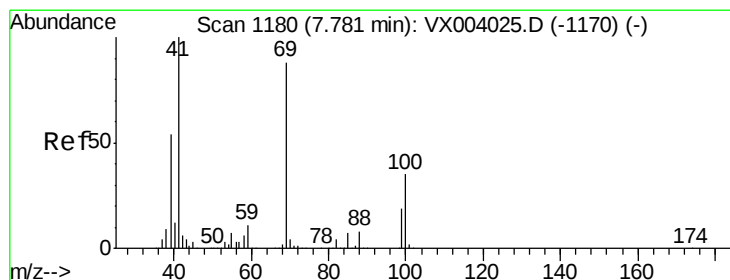
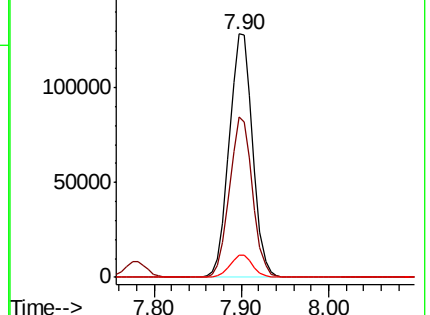
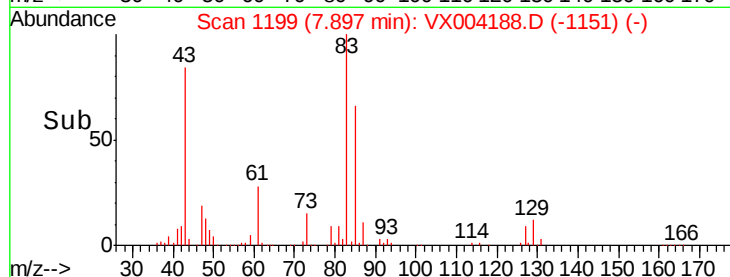
127 9.0 7.2 10.8



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: 50.53 ug/l

RT: 7.78 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VX004188.D

Acq: 21 Aug 2018 20:42

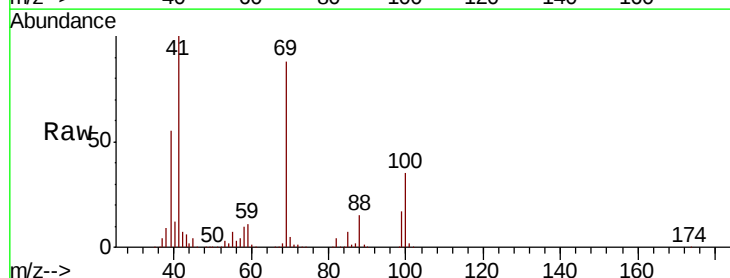
Tgt Ion: 41 Resp: 205321

Ion Ratio Lower Upper

41 100

69 88.8 68.8 103.2

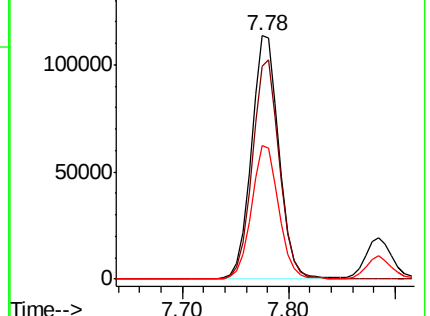
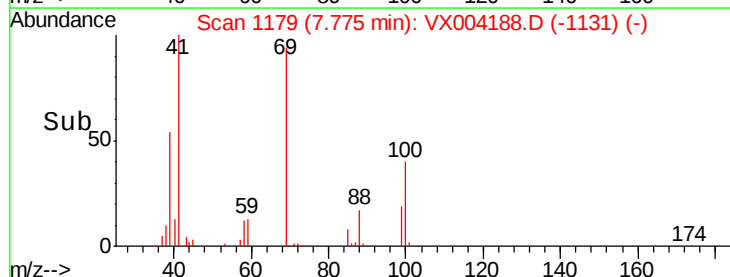
39 54.4 42.3 63.5

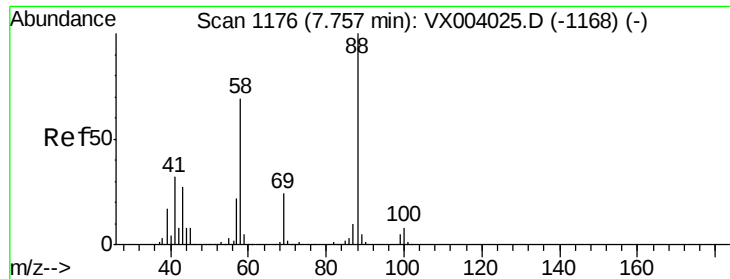


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

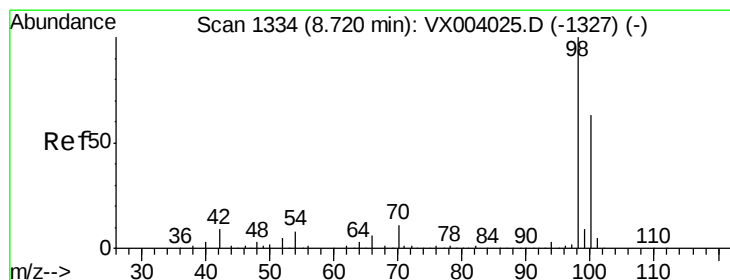
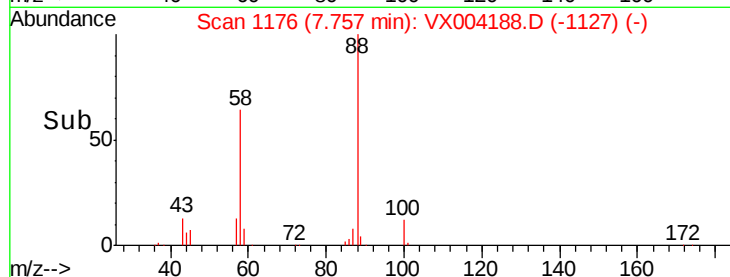
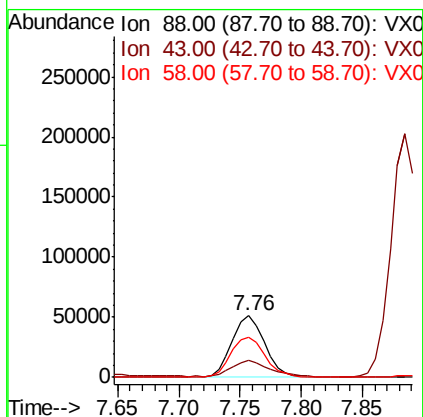
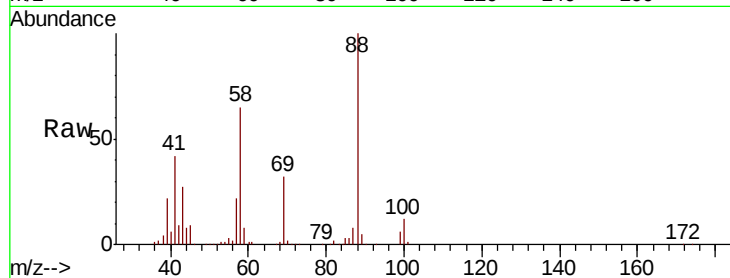




#49  
 1,4-Dioxane  
 Concen: 1052.56 ug/l  
 RT: 7.76 min Scan# 1176  
 Delta R.T. 0.00 min  
 Lab File: VX004188.D  
 Acq: 21 Aug 2018 20:42

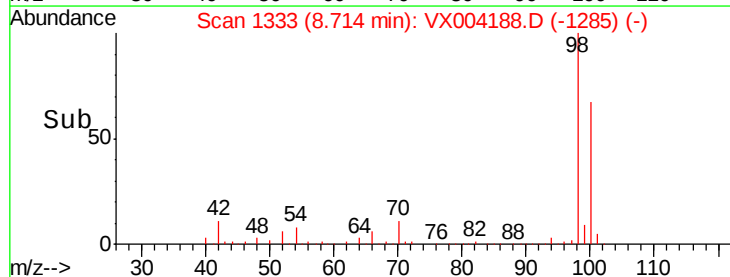
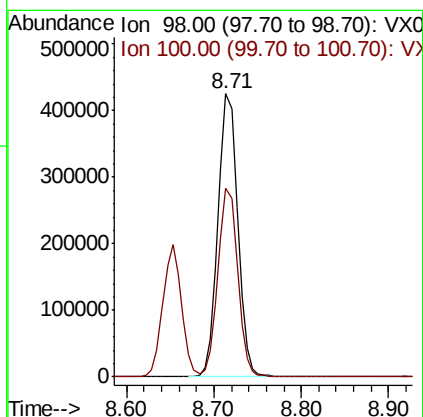
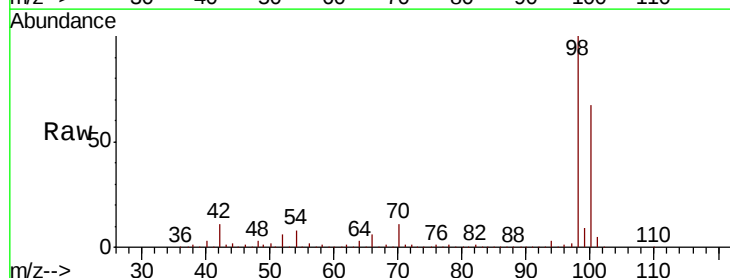
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

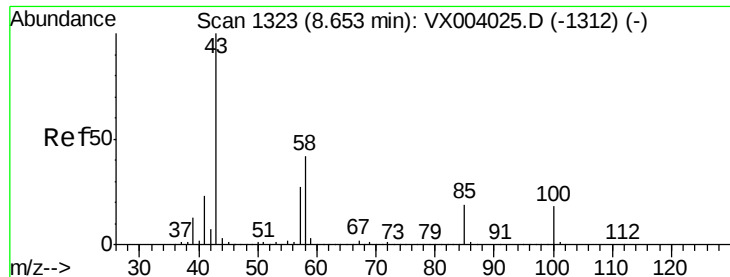
| Tot Ion | 88    | Resp  | 96299 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 88      | 100   |       |       |
| 43      | 30.5  | 23.8  | 35.8  |
| 58      | 68.9  | 55.4  | 83.0  |



#50  
 Toluene-d8  
 Concen: 49.62 ug/l  
 RT: 8.71 min Scan# 1333  
 Delta R.T. -0.01 min  
 Lab File: VX004188.D  
 Acq: 21 Aug 2018 20:42

| Tgt Ion | 98    | Resp  | 665402 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 98      | 100   |       |        |
| 100     | 66.9  | 53.3  | 79.9   |





#51

4-Methyl-2-Pentanone

Concen: 254.67 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX004188.D

Acq: 21 Aug 2018 20:42

Instrument :

MSVOA\_X

ClientSampleId :

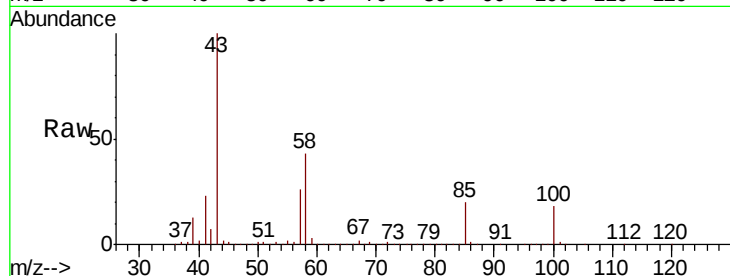
VSTDCCC050EC

Tot Ion: 43 Resp: 1685692

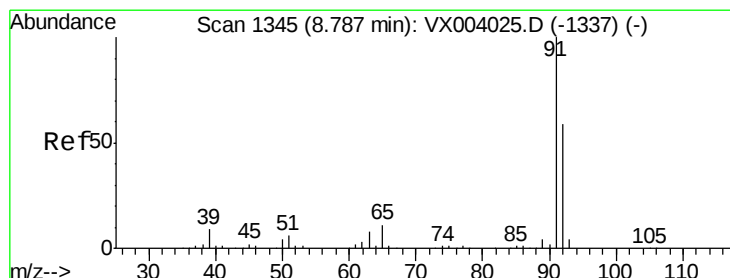
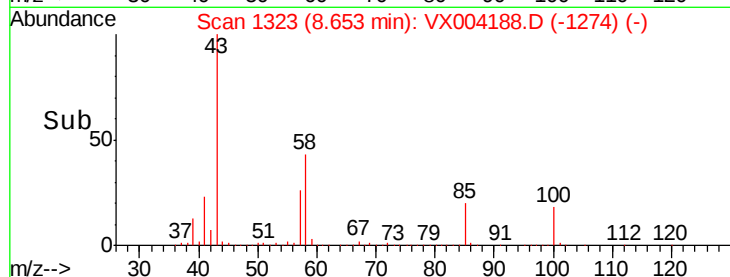
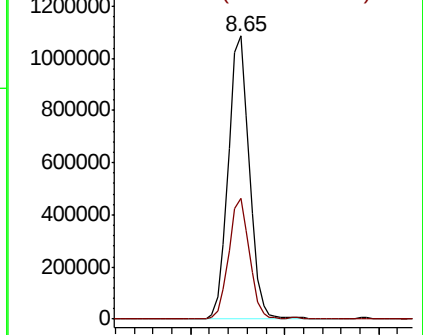
Ion Ratio Lower Upper

43 100

58 41.7 33.0 49.6



Abundance Ion 43.00 (42.70 to 43.70): VX004025.D (-1312) (-)



#52

Toluene

Concen: 49.08 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX004188.D

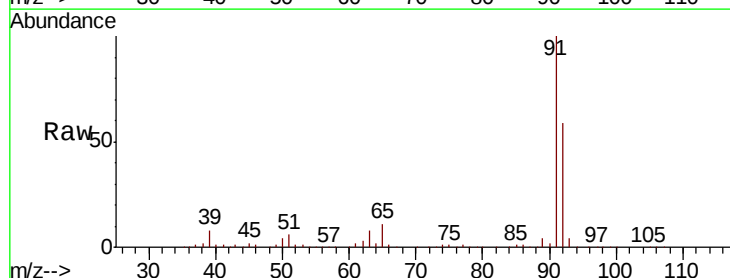
Acq: 21 Aug 2018 20:42

Tgt Ion: 92 Resp: 468777

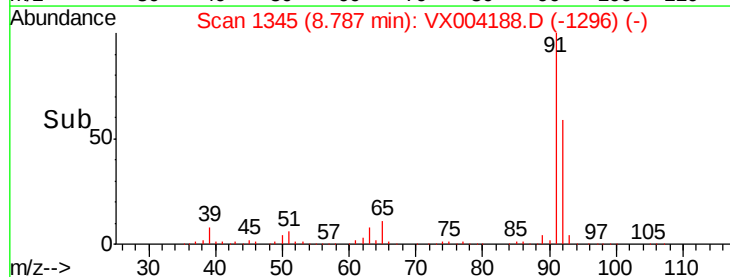
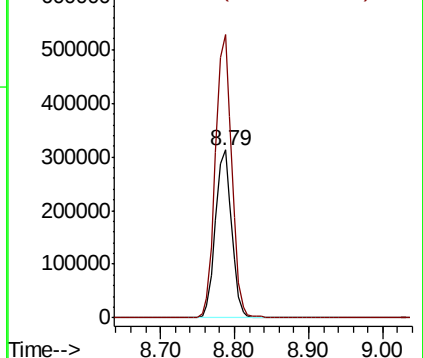
Ion Ratio Lower Upper

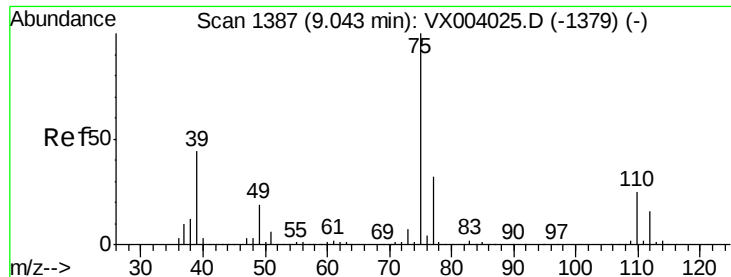
92 100

91 169.6 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX004025.D (-1337) (-)

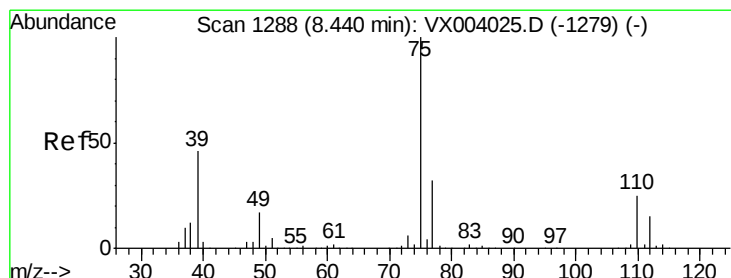
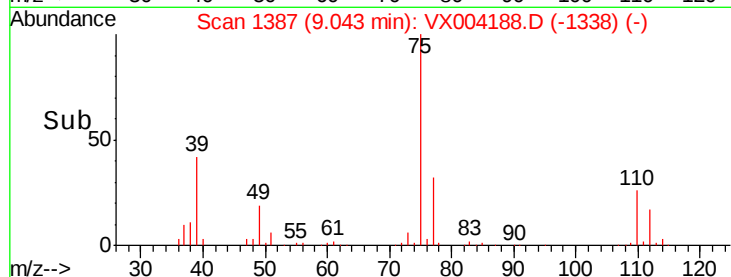
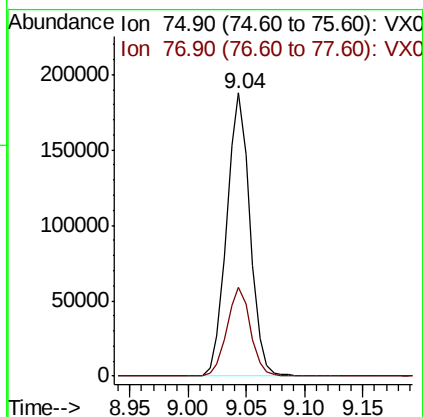
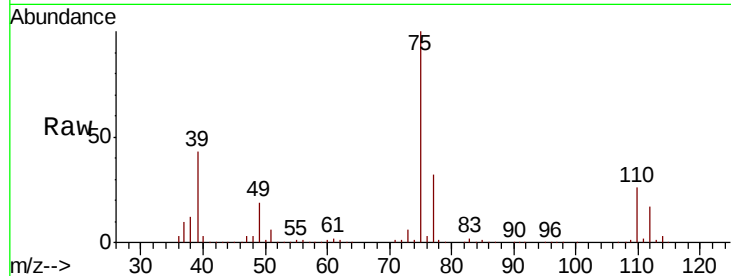




#53  
 t-1,3-Dichloropropene  
 Concen: 50.34 ug/l  
 RT: 9.04 min Scan# 1387  
 Delta R.T. 0.00 min  
 Lab File: VX004188.D  
 Acq: 21 Aug 2018 20:42

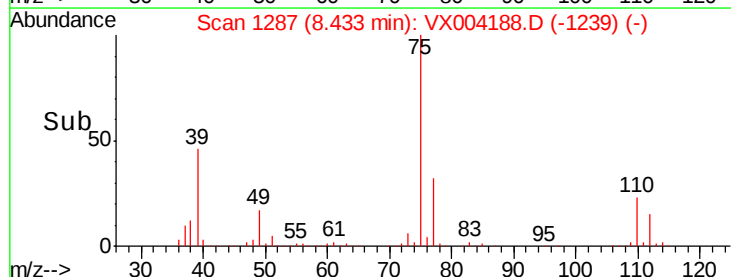
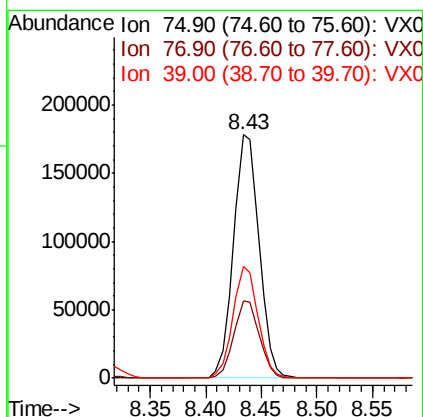
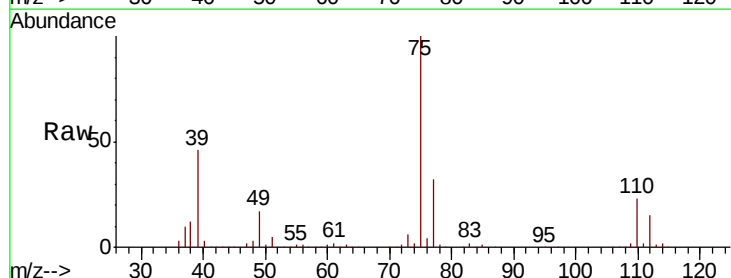
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

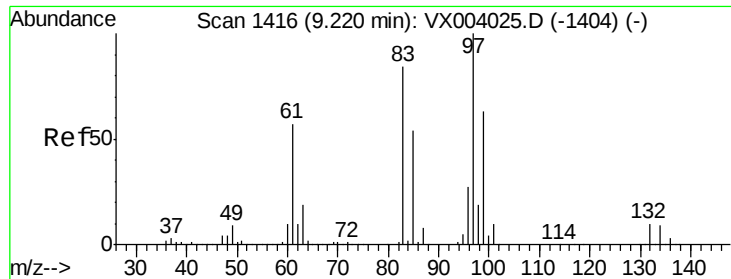
Tot Ion: 75 Resp: 260215  
 Ion Ratio Lower Upper  
 75 100  
 77 31.6 25.1 37.7



#54  
 cis-1,3-Dichloropropene  
 Concen: 49.70 ug/l  
 RT: 8.43 min Scan# 1287  
 Delta R.T. -0.01 min  
 Lab File: VX004188.D  
 Acq: 21 Aug 2018 20:42

Tgt Ion: 75 Resp: 284489  
 Ion Ratio Lower Upper  
 75 100  
 77 31.7 25.3 37.9  
 39 45.6 36.2 54.2

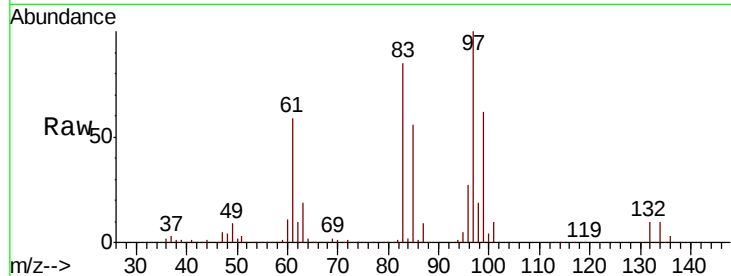




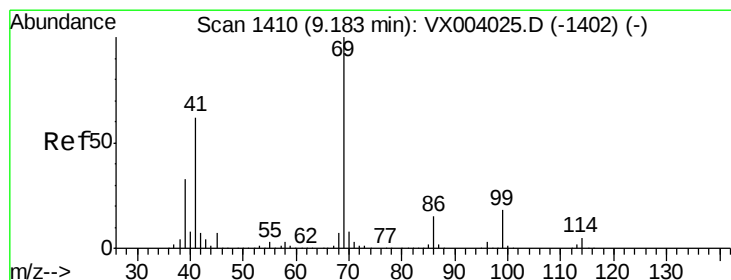
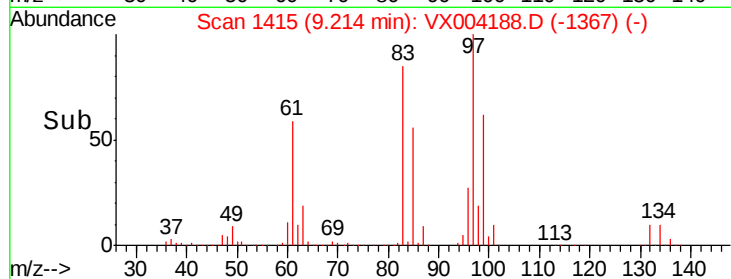
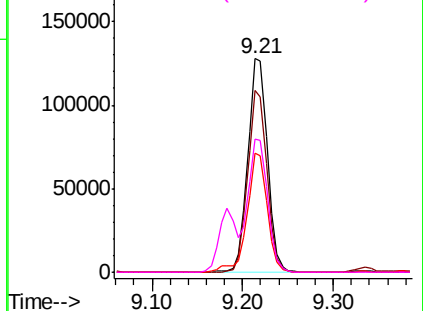
#55  
 1,1,2-Trichloroethane  
 Concen: 48.62 ug/l  
 RT: 9.21 min Scan# 1415  
 Delta R.T. -0.01 min  
 Lab File: VX004188.D  
 Acq: 21 Aug 2018 20:42

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 191739 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 85.0  | 67.8  | 101.6  |
| 85       | 55.5  | 44.2  | 66.2   |
| 99       | 62.3  | 50.8  | 76.2   |

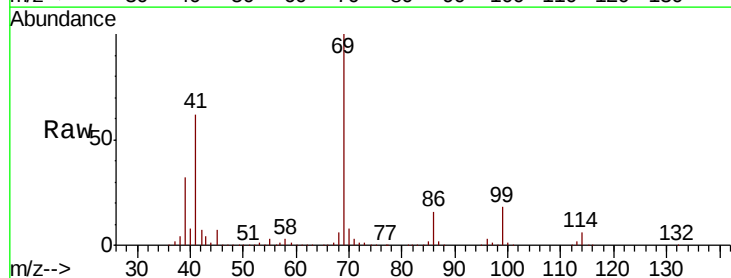


Abundance Ion 96.90 (96.60 to 97.60): VX0  
 Ion 82.90 (82.60 to 83.60): VX0  
 Ion 84.90 (84.60 to 85.60): VX0  
 Ion 98.90 (98.60 to 99.60): VX0

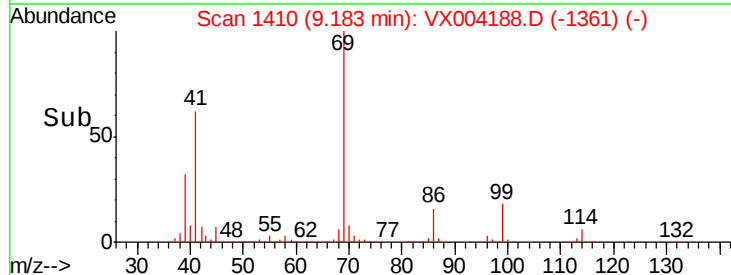
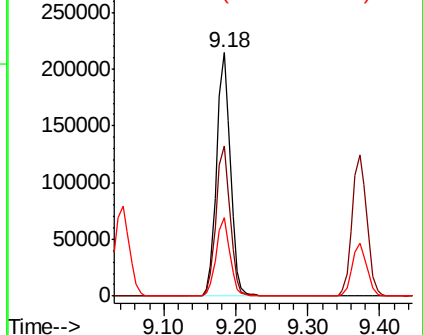


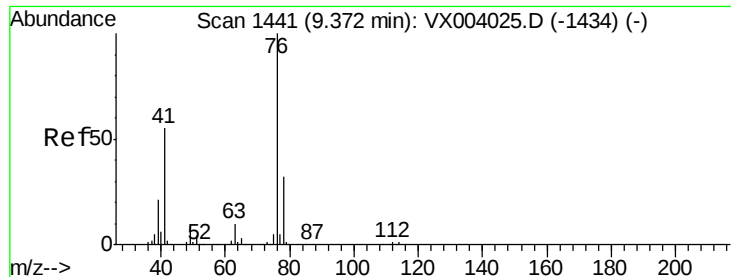
#56  
 Ethyl methacrylate  
 Concen: 52.89 ug/l  
 RT: 9.18 min Scan# 1410  
 Delta R.T. 0.00 min  
 Lab File: VX004188.D  
 Acq: 21 Aug 2018 20:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 283638 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 62.9  | 50.6  | 76.0   |
| 39       | 32.2  | 25.8  | 38.6   |



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: 49.35 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VX004188.D

Acq: 21 Aug 2018 20:42

Instrument :

MSVOA\_X

ClientSampleId :

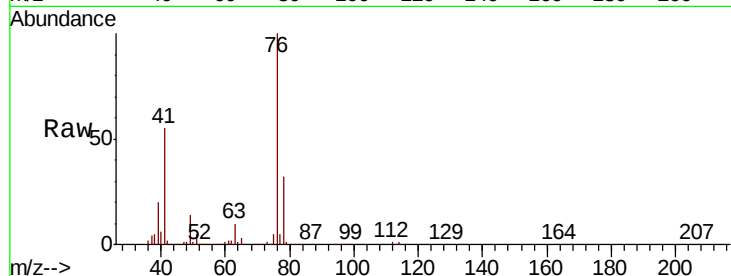
VSTDCCC050EC

Tot Ion: 76 Resp: 322901

Ion Ratio Lower Upper

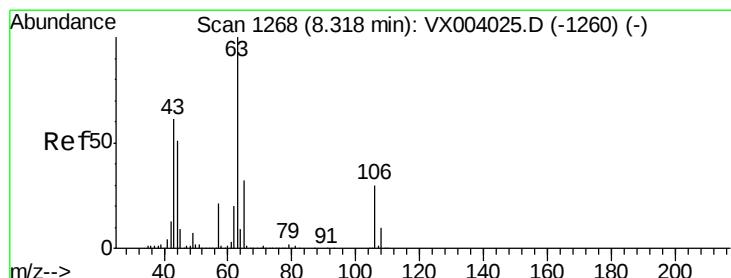
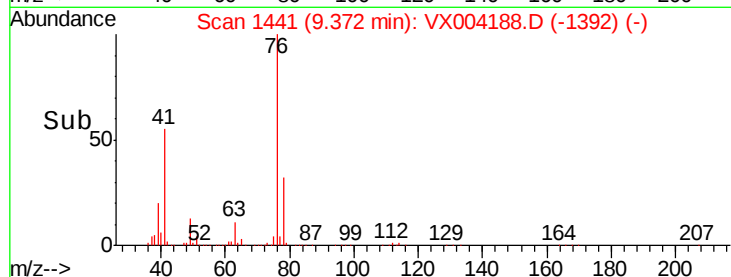
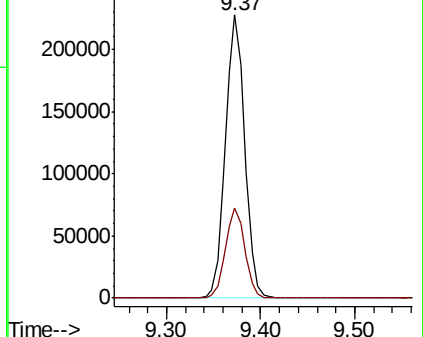
76 100

78 32.1 25.9 38.9



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: 263.93 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX004188.D

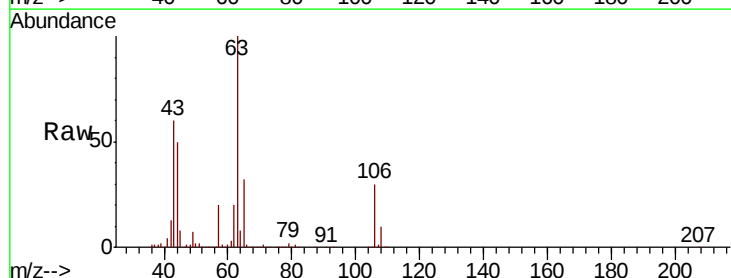
Acq: 21 Aug 2018 20:42

Tgt Ion: 63 Resp: 720802

Ion Ratio Lower Upper

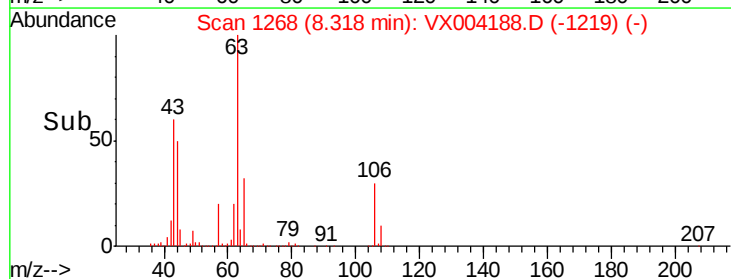
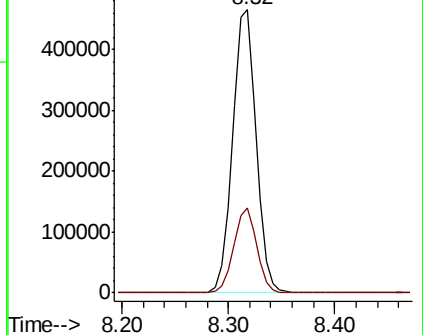
63 100

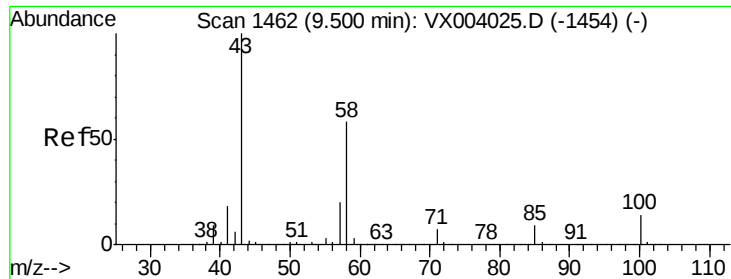
106 29.4 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

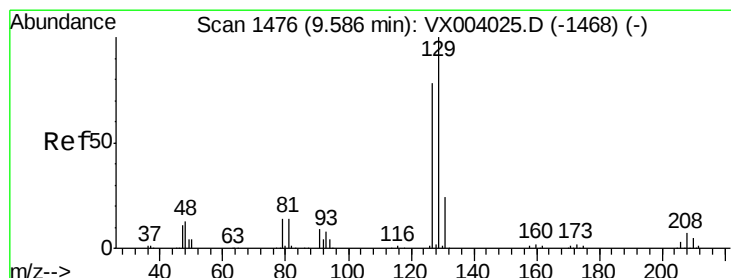
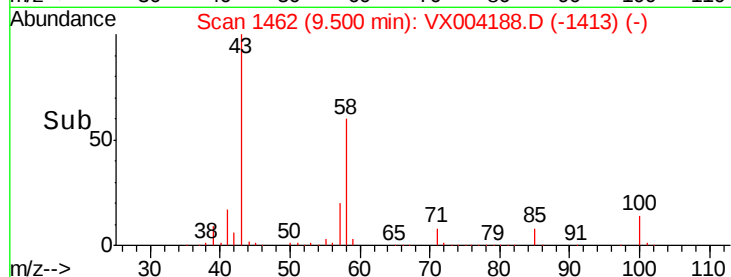
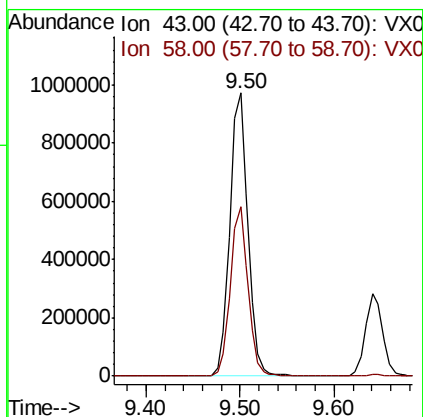
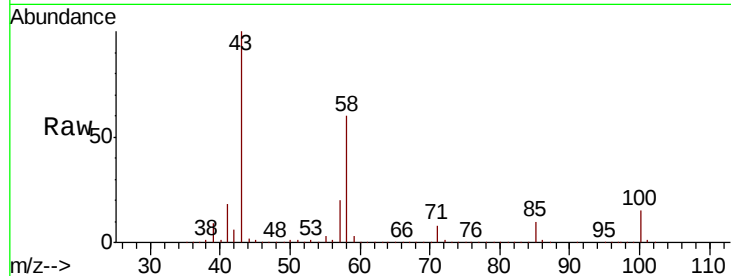




#59  
2-Hexanone  
Concen: 259.67 ug/l  
RT: 9.50 min Scan# 1462  
Delta R.T. 0.00 min  
Lab File: VX004188.D  
Acq: 21 Aug 2018 20:42

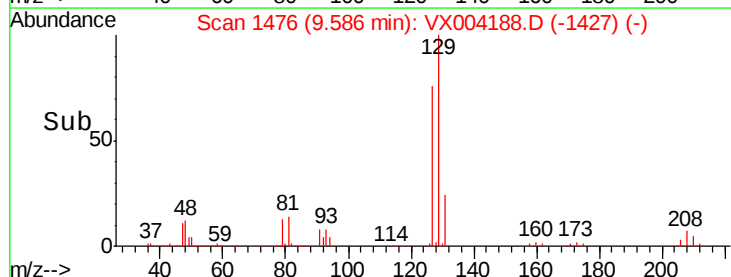
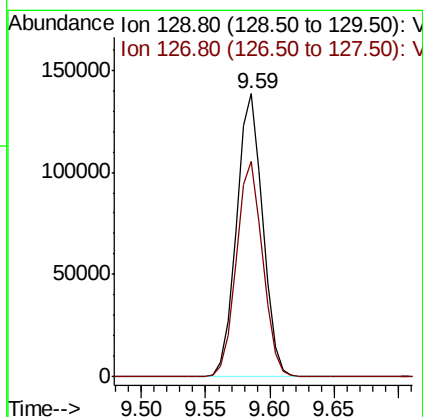
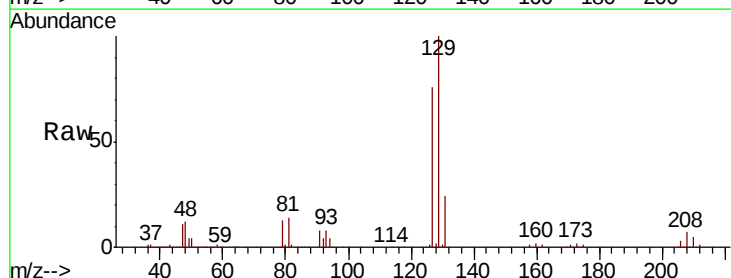
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

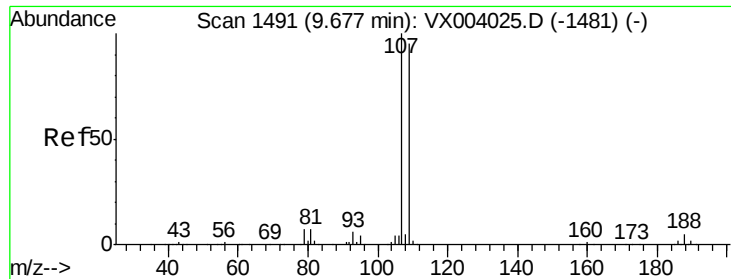
Tot Ion: 43 Resp: 1293582  
Ion Ratio Lower Upper  
43 100  
58 58.5 29.0 87.0



#60  
Dibromochloromethane  
Concen: 51.51 ug/l  
RT: 9.59 min Scan# 1476  
Delta R.T. 0.00 min  
Lab File: VX004188.D  
Acq: 21 Aug 2018 20:42

Tgt Ion: 129 Resp: 195507  
Ion Ratio Lower Upper  
129 100  
127 76.2 38.8 116.3





#61

1,2-Dibromoethane

Concen: 49.58 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.01 min

Lab File: VX004188.D

Acq: 21 Aug 2018 20:42

Instrument :

MSVOA\_X

ClientSampleId :

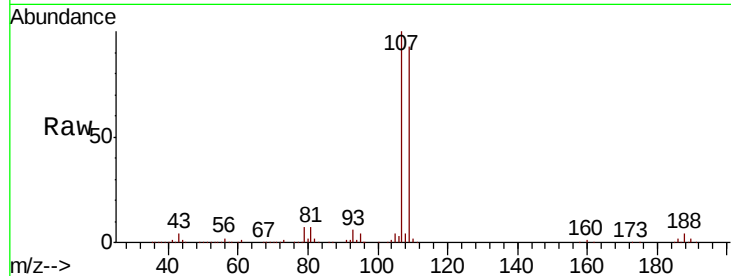
VSTDCCC050EC

Tot Ion:107 Resp: 199356

Ion Ratio Lower Upper

107 100

109 94.1 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

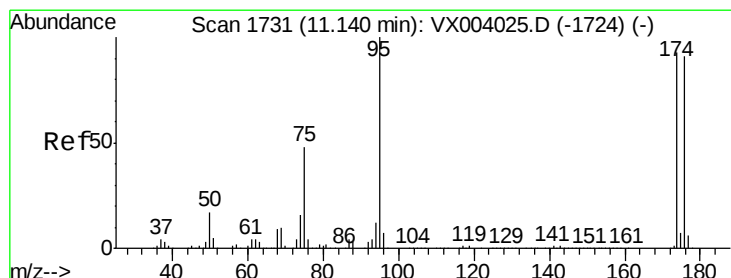
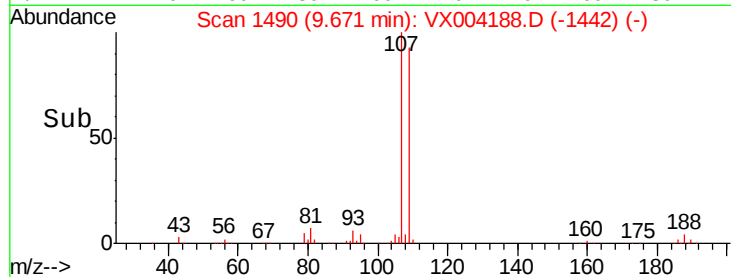
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.59 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX004188.D

Acq: 21 Aug 2018 20:42

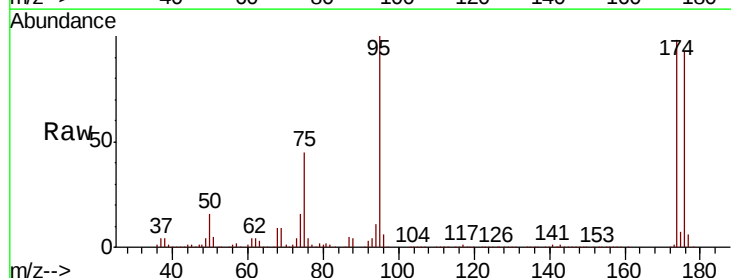
Tgt Ion: 95 Resp: 250948

Ion Ratio Lower Upper

95 100

174 92.0 0.0 182.8

176 88.2 0.0 179.0



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

250000

200000

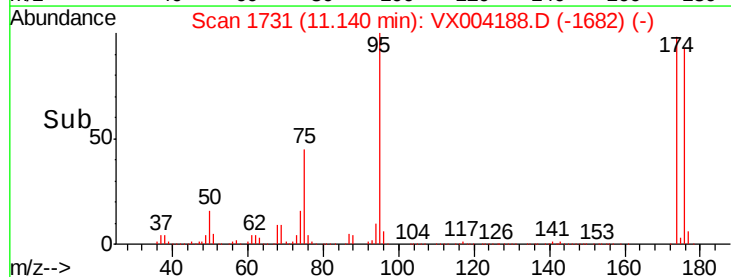
150000

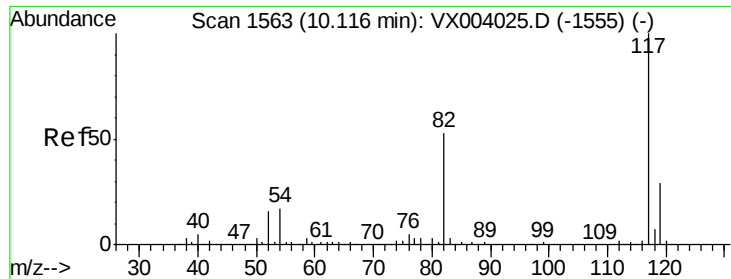
100000

50000

0

Time-->

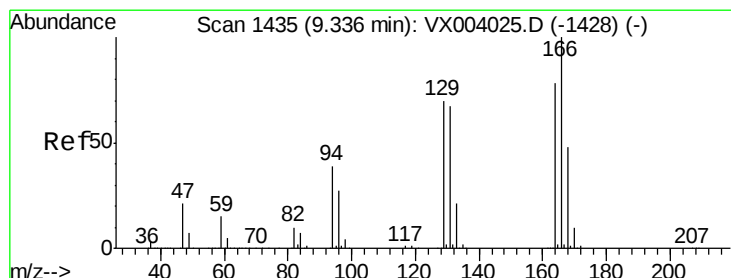
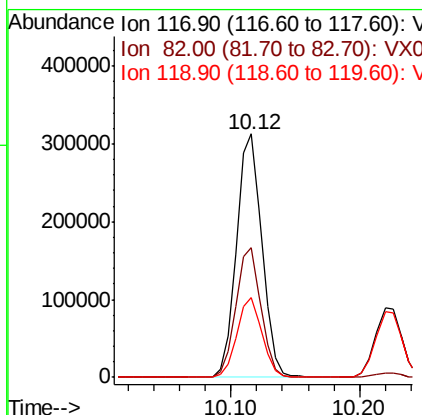
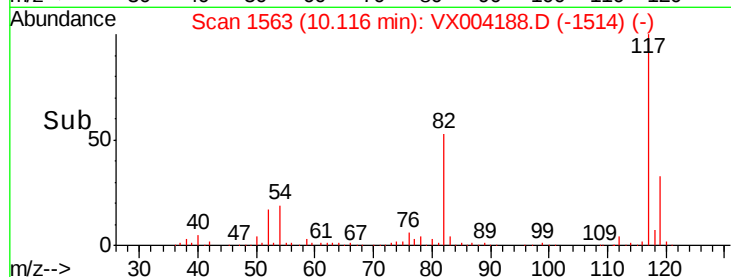
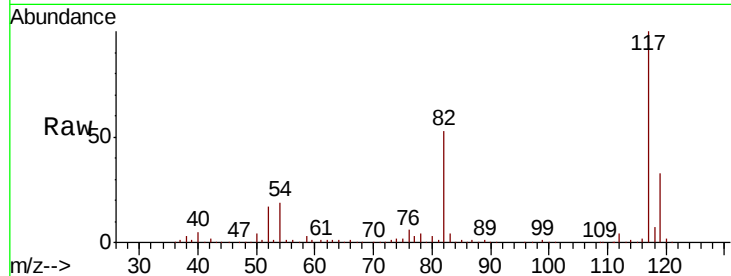




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1563  
Delta R.T. 0.00 min  
Lab File: VX004188.D  
Acq: 21 Aug 2018 20:42

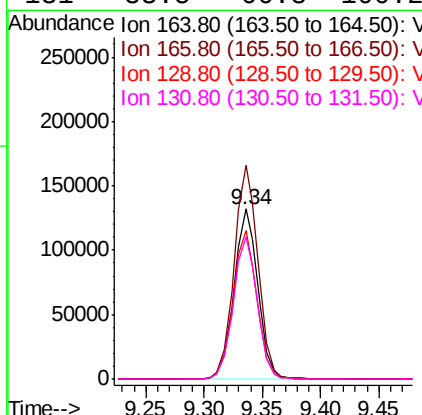
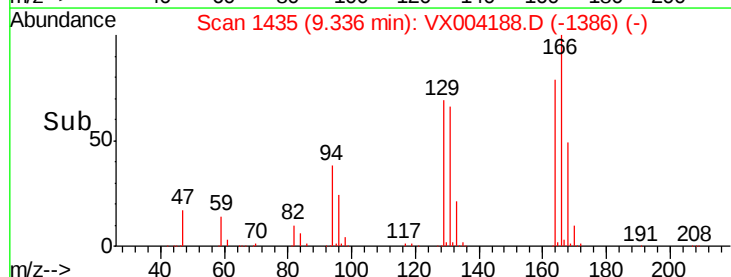
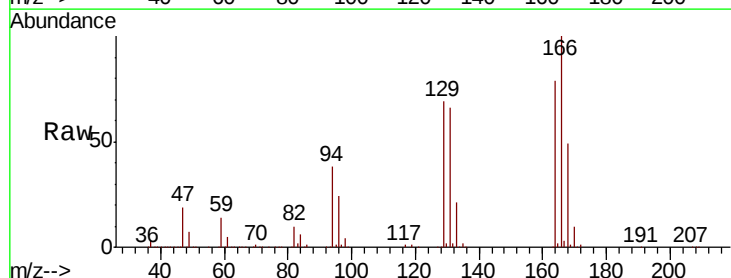
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

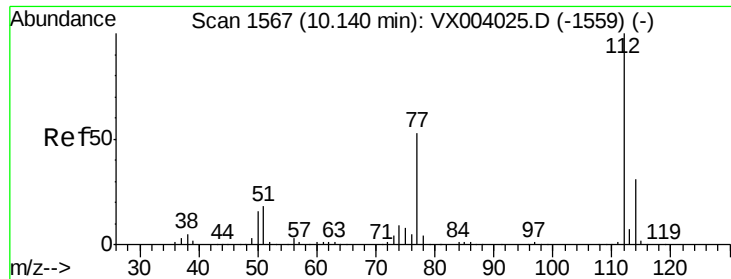
Tot Ion:117 Resp: 428098  
Ion Ratio Lower Upper  
117 100  
82 53.1 45.4 68.0  
119 32.9 26.6 40.0



#64  
Tetrachloroethene  
Concen: 46.06 ug/l  
RT: 9.34 min Scan# 1435  
Delta R.T. 0.00 min  
Lab File: VX004188.D  
Acq: 21 Aug 2018 20:42

Tgt Ion:164 Resp: 186895  
Ion Ratio Lower Upper  
164 100  
166 125.9 98.0 147.0  
129 87.3 64.3 96.5  
131 83.5 66.8 100.2





#65

Chlorobenzene

Concen: 47.64 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX004188.D

Acq: 21 Aug 2018 20:42

Instrument :

MSVOA\_X

ClientSampleId :

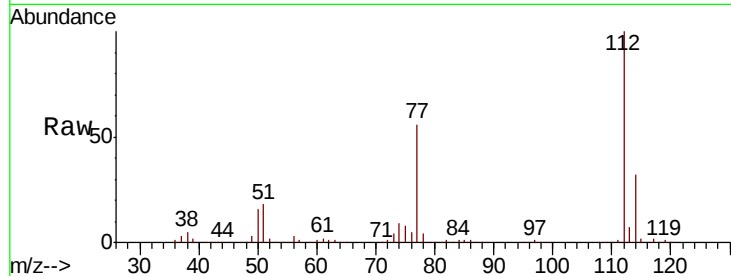
VSTDCCC050EC

Tot Ion:112 Resp: 526859

Ion Ratio Lower Upper

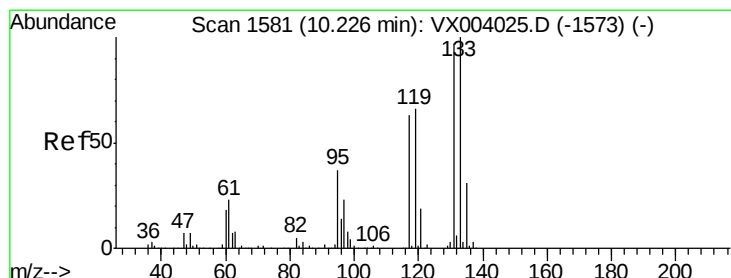
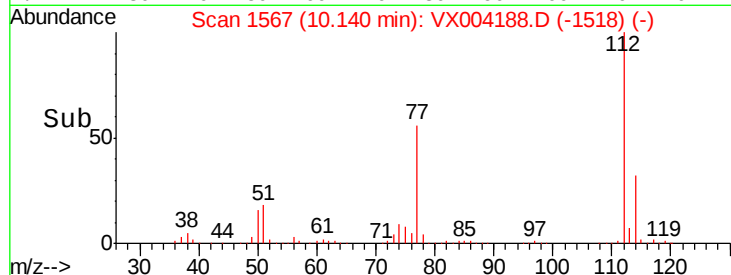
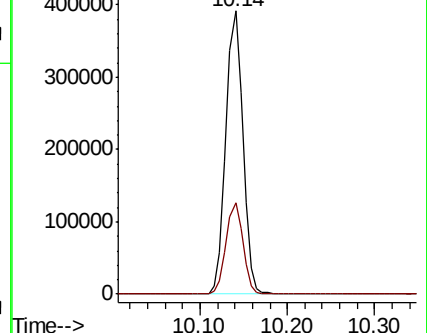
112 100

114 32.4 23.6 35.4



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: 50.13 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX004188.D

Acq: 21 Aug 2018 20:42

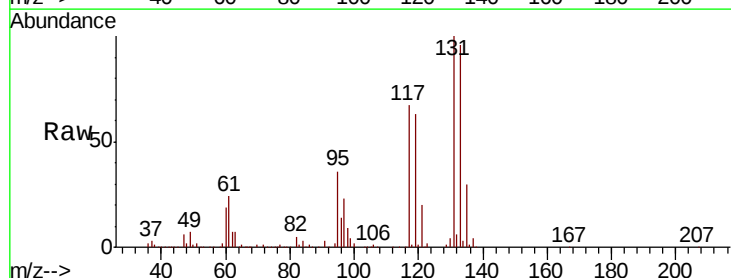
Tgt Ion:131 Resp: 189082

Ion Ratio Lower Upper

131 100

133 95.7 47.3 141.8

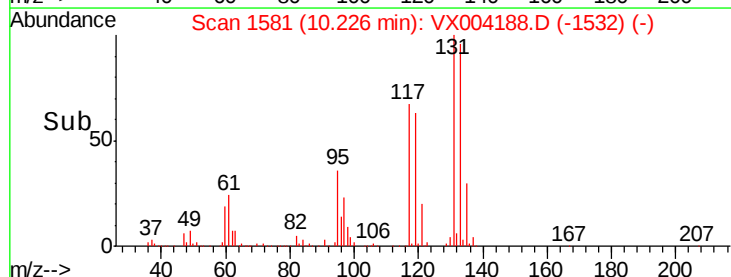
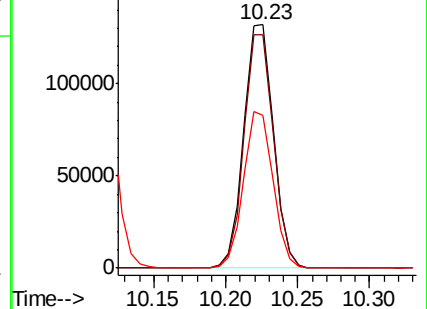
119 63.9 31.6 94.8

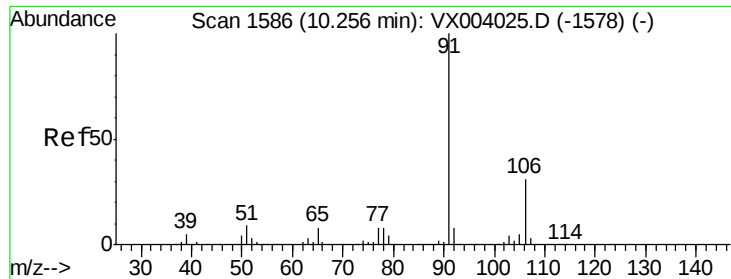


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

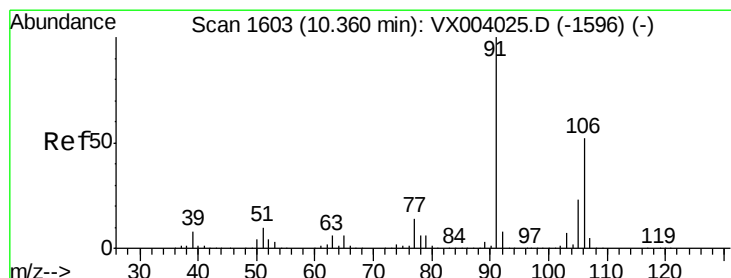
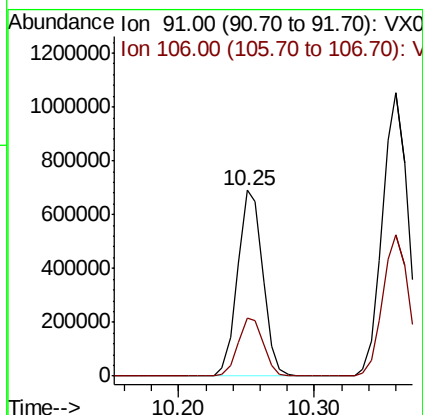
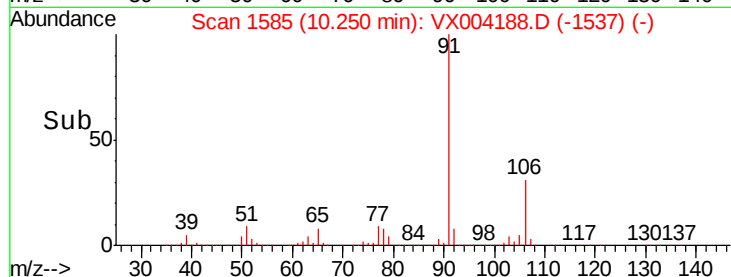
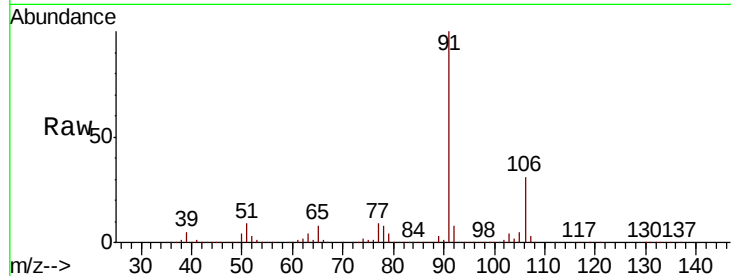




#67  
Ethyl Benzene  
Concen: 51.01 ug/l  
RT: 10.25 min Scan# 1585  
Delta R.T. -0.01 min  
Lab File: VX004188.D  
Acq: 21 Aug 2018 20:42

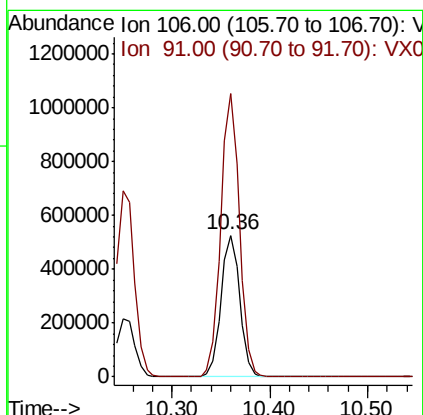
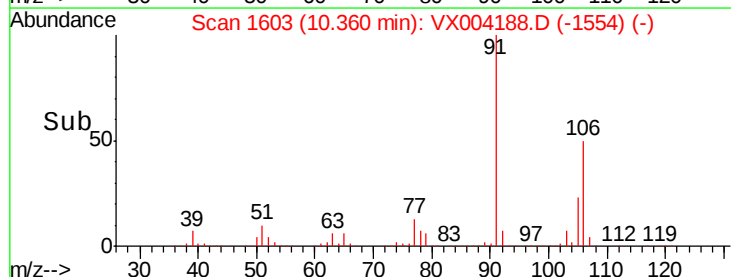
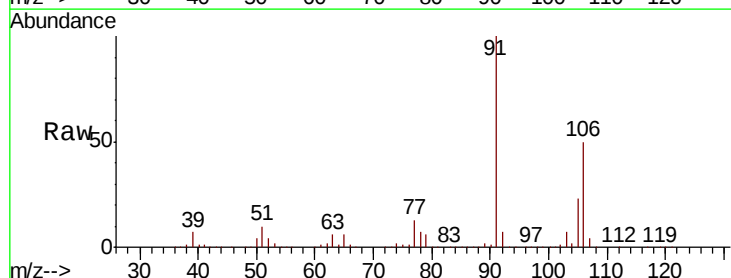
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

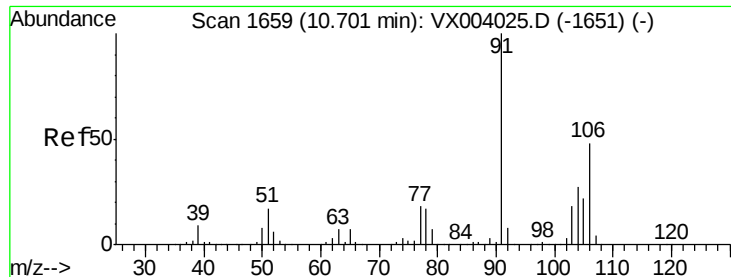
Tot Ion: 91 Resp: 893232  
Ion Ratio Lower Upper  
91 100  
106 31.2 25.9 38.9



#68  
m/p-Xylenes  
Concen: 102.56 ug/l  
RT: 10.36 min Scan# 1603  
Delta R.T. 0.00 min  
Lab File: VX004188.D  
Acq: 21 Aug 2018 20:42

Tgt Ion: 106 Resp: 703246  
Ion Ratio Lower Upper  
106 100  
91 197.8 162.3 243.5

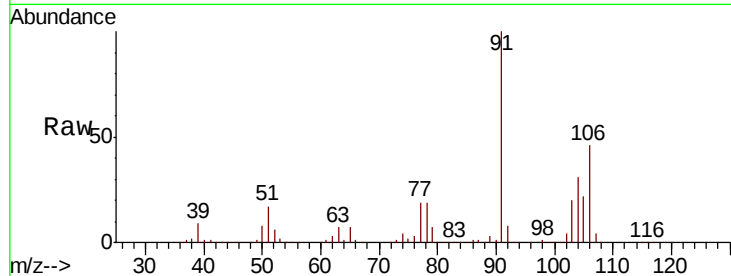




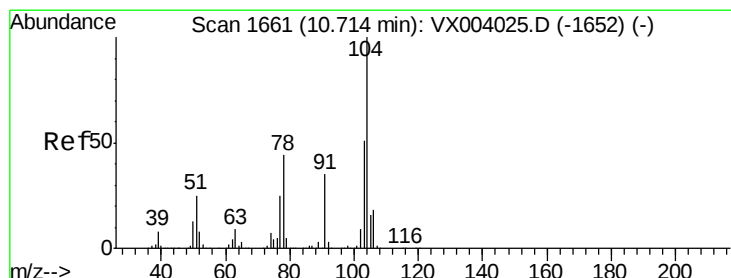
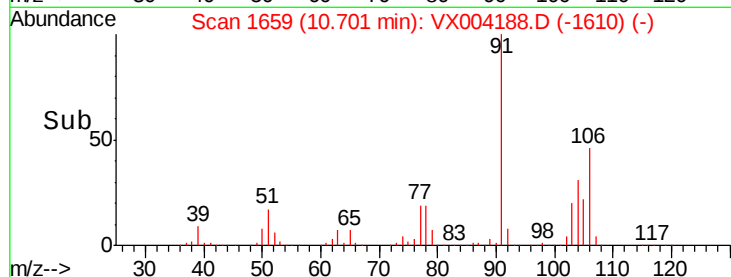
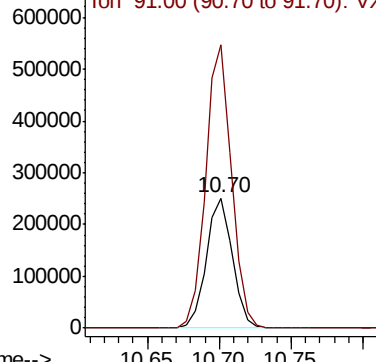
#69  
o-Xylene  
Concen: 48.40 ug/l  
RT: 10.70 min Scan# 1659  
Delta R.T. 0.00 min  
Lab File: VX004188.D  
Acq: 21 Aug 2018 20:42

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:106 Resp: 317210  
Ion Ratio Lower Upper  
106 100  
91 215.2 101.9 305.7

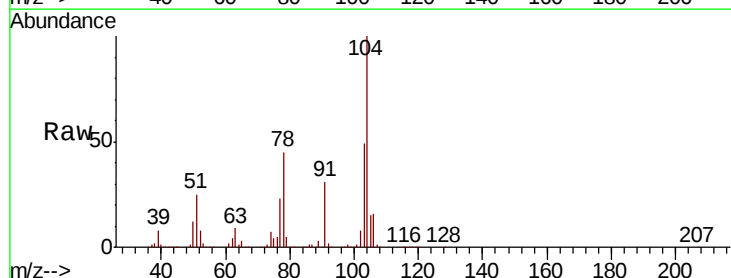


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VX0

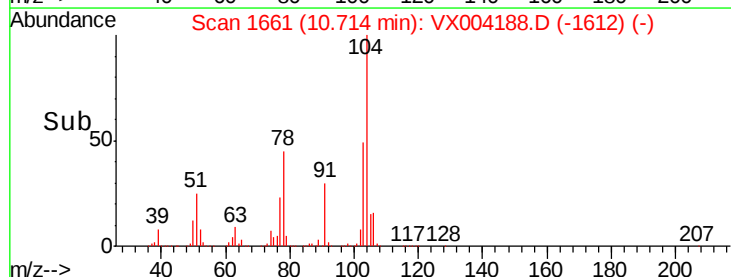
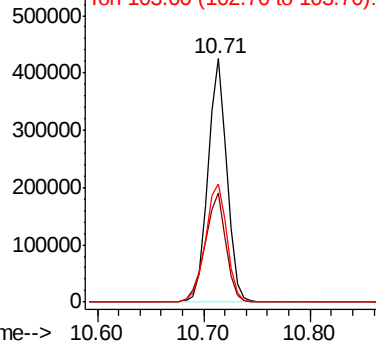


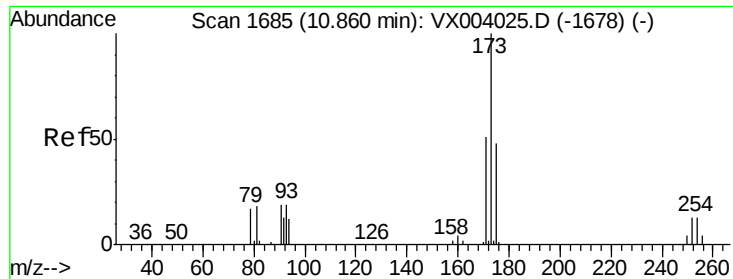
#70  
Styrene  
Concen: 48.13 ug/l  
RT: 10.71 min Scan# 1661  
Delta R.T. 0.00 min  
Lab File: VX004188.D  
Acq: 21 Aug 2018 20:42

Tgt Ion:104 Resp: 530800  
Ion Ratio Lower Upper  
104 100  
78 49.0 39.8 59.6  
103 55.2 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): VX0  
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 47.89 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX004188.D

Acq: 21 Aug 2018 20:42

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

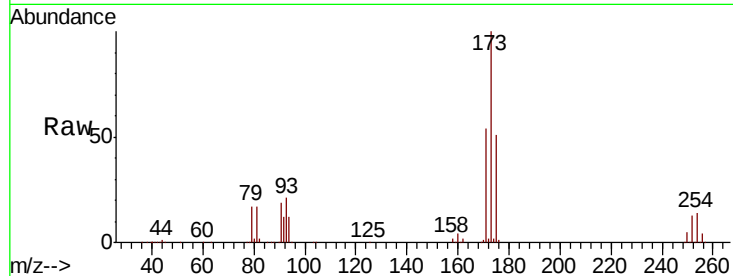
Tot Ion:173 Resp: 143216

Ion Ratio Lower Upper

173 100

175 48.8 24.9 74.7

254 0.2 0.2 0.2

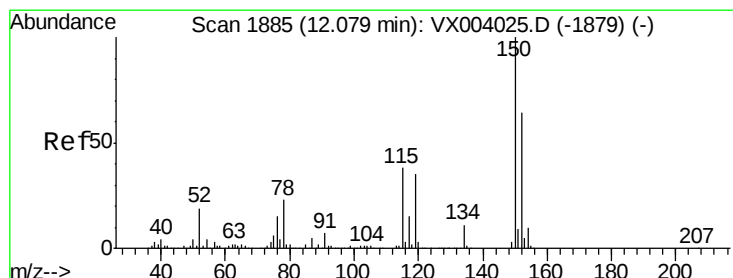
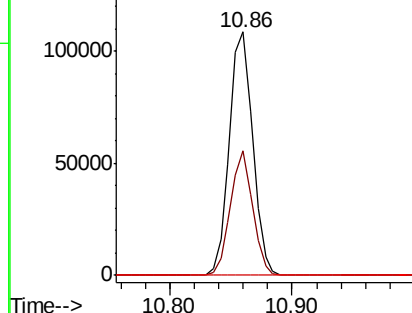
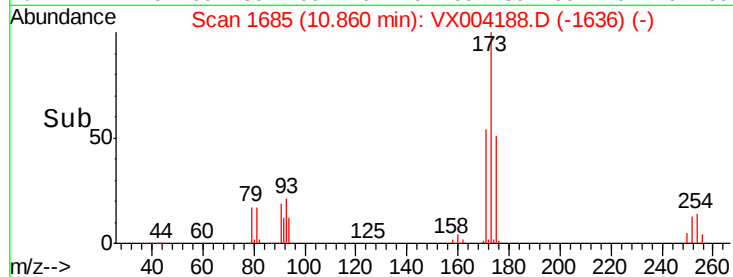


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX004188.D

Acq: 21 Aug 2018 20:42

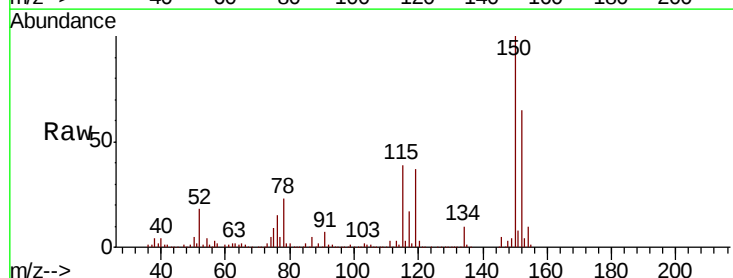
Tgt Ion:152 Resp: 264678

Ion Ratio Lower Upper

152 100

115 76.6 39.1 117.3

150 173.2 0.0 349.2

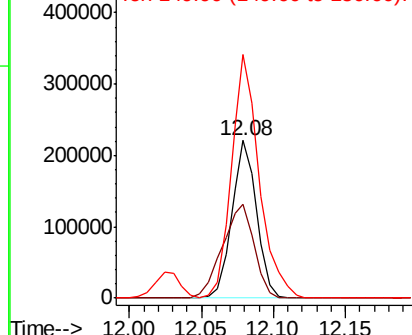
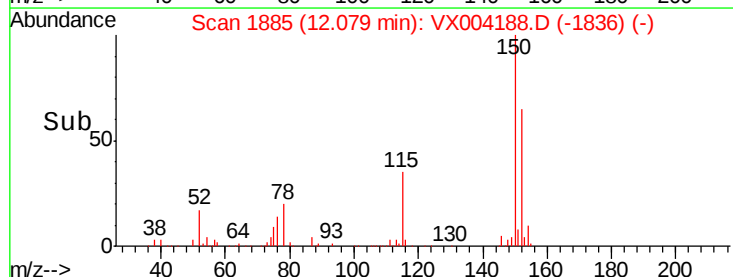


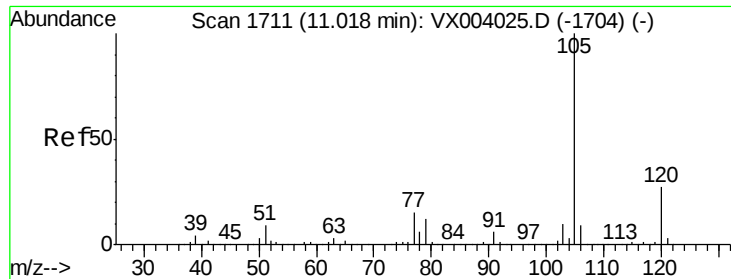
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.79 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX004188.D

Acq: 21 Aug 2018 20:42

Instrument :

MSVOA\_X

ClientSampleId :

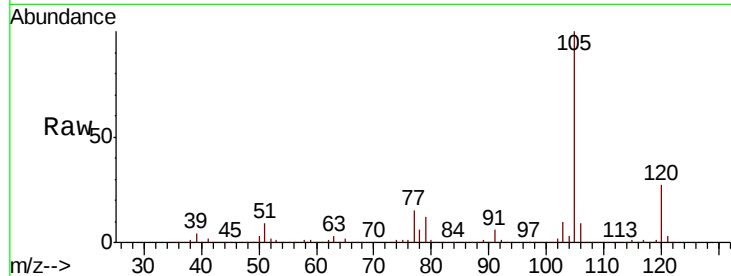
VSTDCCC050EC

Tot Ion:105 Resp: 909777

Ion Ratio Lower Upper

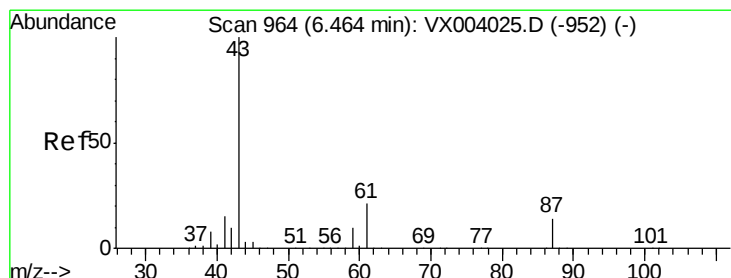
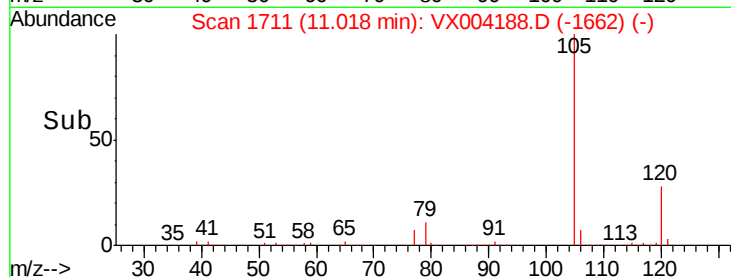
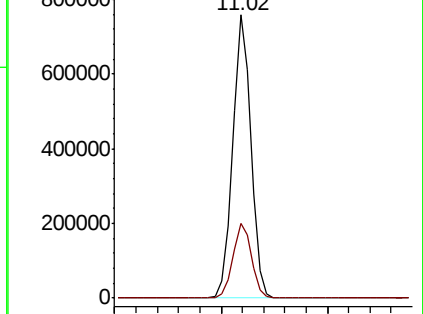
105 100

120 27.2 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.64 ug/l

RT: 6.46 min Scan# 964

Delta R.T. 0.00 min

Lab File: VX004188.D

Acq: 21 Aug 2018 20:42

Tgt Ion: 43 Resp: 384521

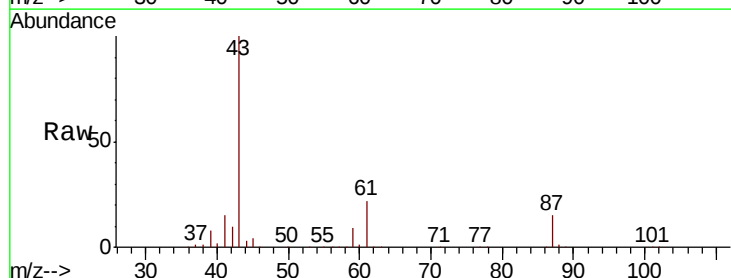
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 21.4 16.9 25.3

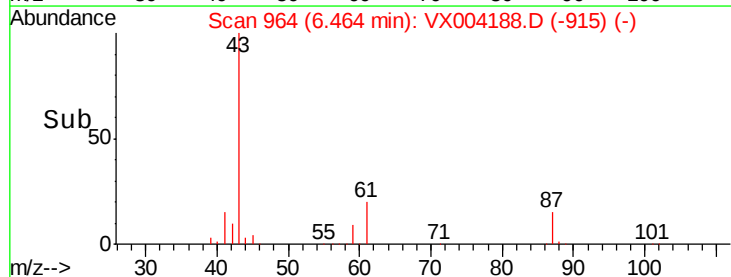
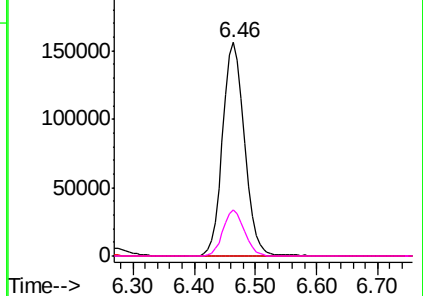


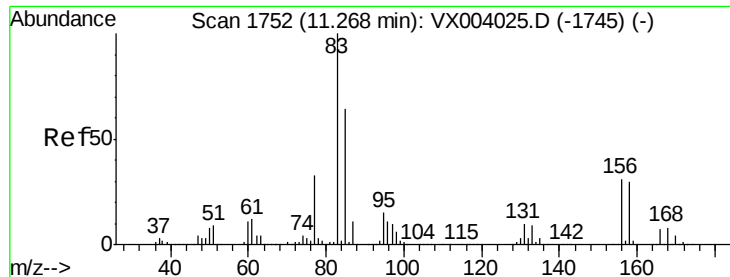
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.78 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX004188.D

Acq: 21 Aug 2018 20:42

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

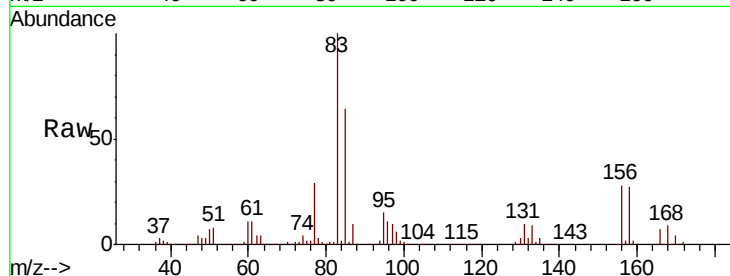
Tot Ion: 83 Resp: 298876

Ion Ratio Lower Upper

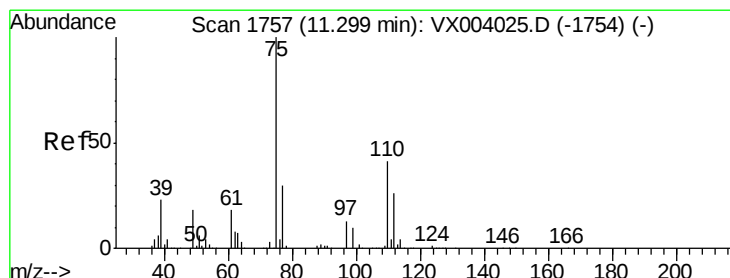
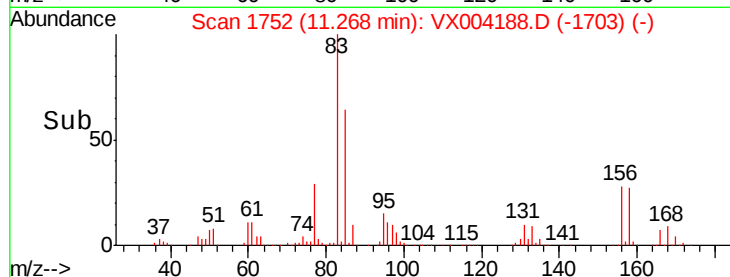
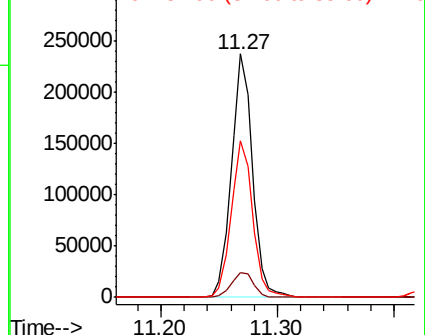
83 100

131 10.8 5.2 15.6

85 65.5 32.2 96.6



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: 64.10 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX004188.D

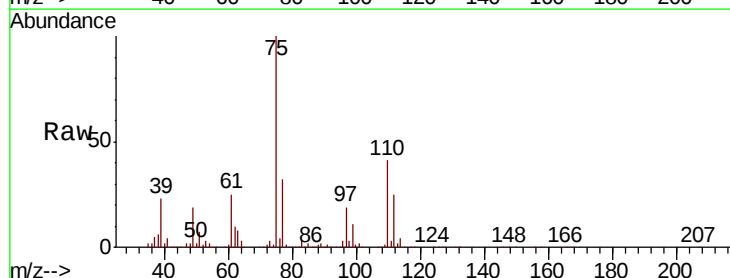
Acq: 21 Aug 2018 20:42

Tgt Ion: 75 Resp: 340242

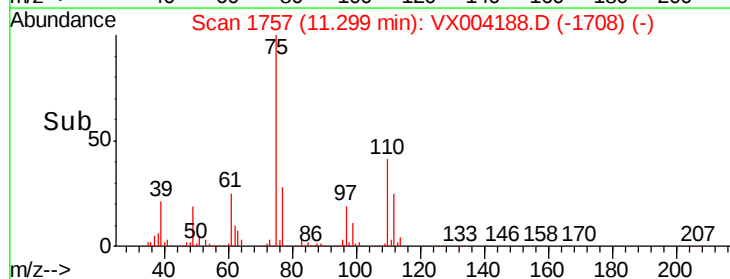
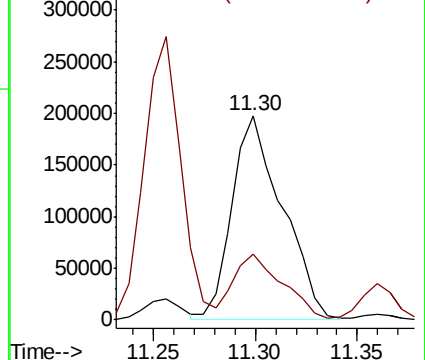
Ion Ratio Lower Upper

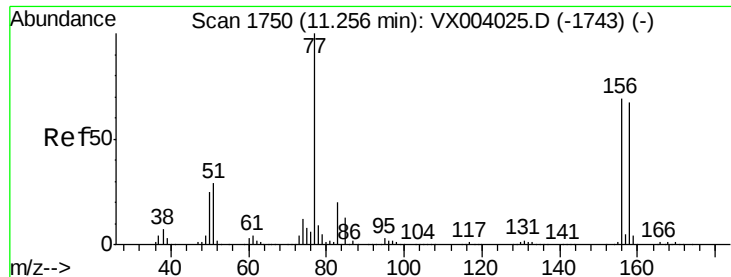
75 100

77 31.3 20.8 62.5



Abundance Ion 74.90 (74.60 to 75.60): VX0  
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.00 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX004188.D

Acq: 21 Aug 2018 20:42

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

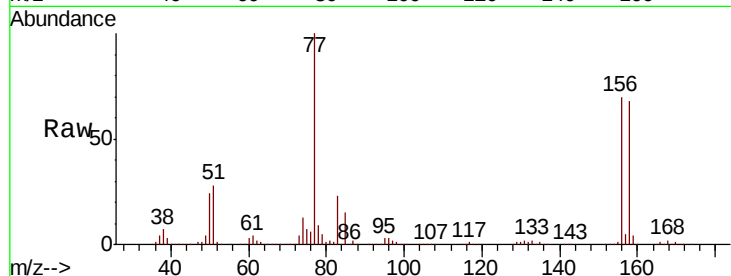
Tot Ion:156 Resp: 237016

Ion Ratio Lower Upper

156 100

77 145.9 74.1 222.2

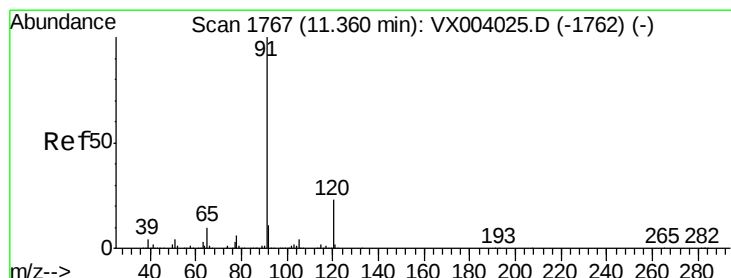
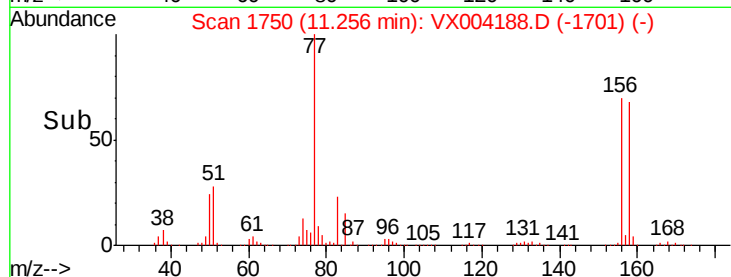
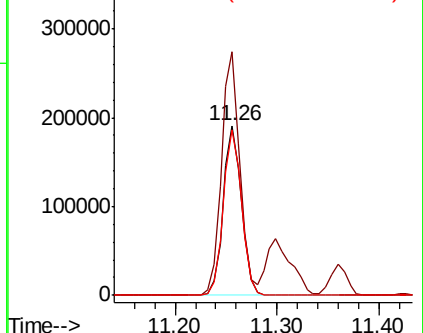
158 98.5 48.6 145.9



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: 52.00 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX004188.D

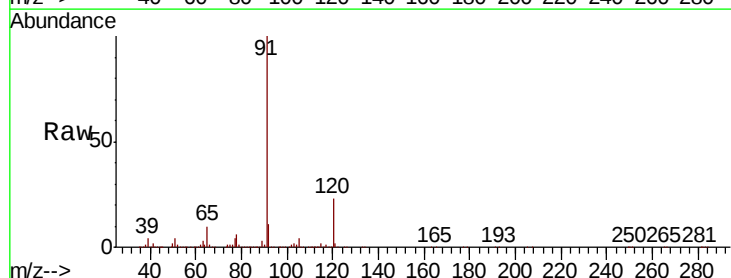
Acq: 21 Aug 2018 20:42

Tgt Ion: 91 Resp: 1042228

Ion Ratio Lower Upper

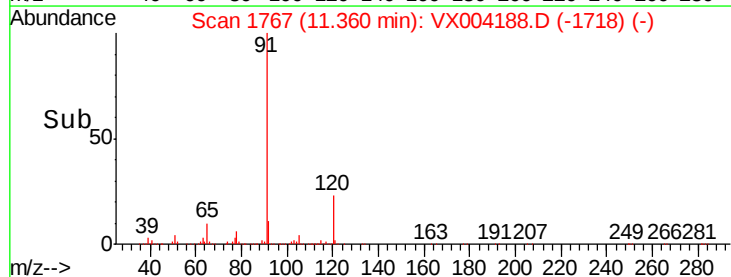
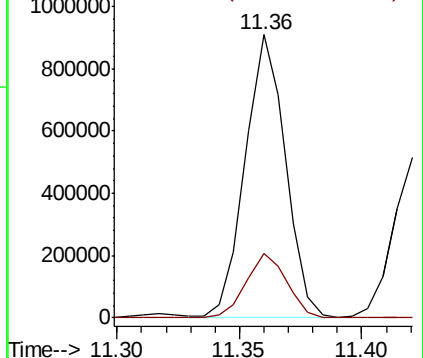
91 100

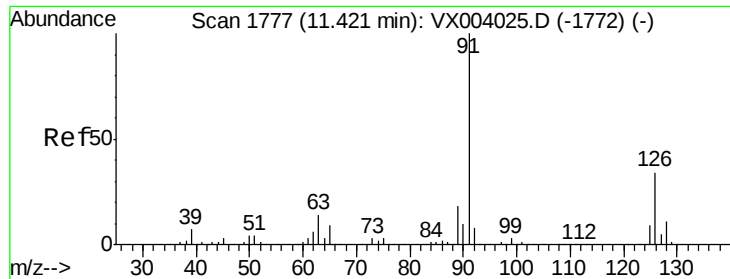
120 23.1 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.52 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. 0.00 min

Lab File: VX004188.D

Acq: 21 Aug 2018 20:42

Instrument :

MSVOA\_X

ClientSampleId :

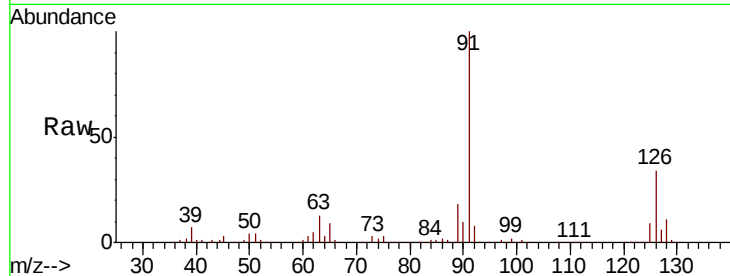
VSTDCCC050EC

Tot Ion: 91 Resp: 617121

Ion Ratio Lower Upper

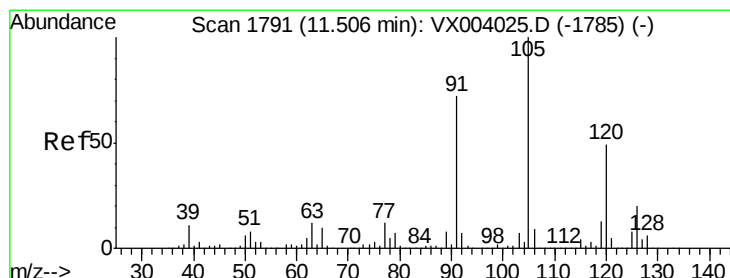
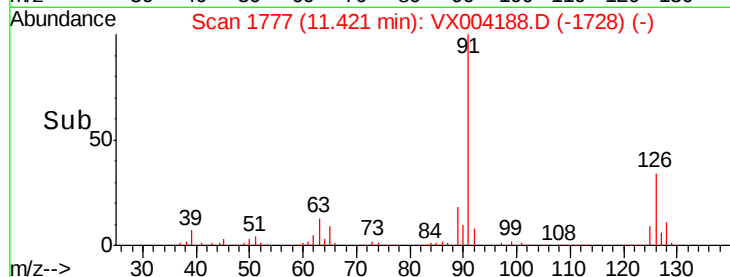
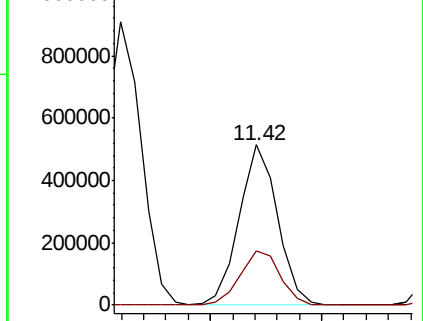
91 100

126 35.1 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.71 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX004188.D

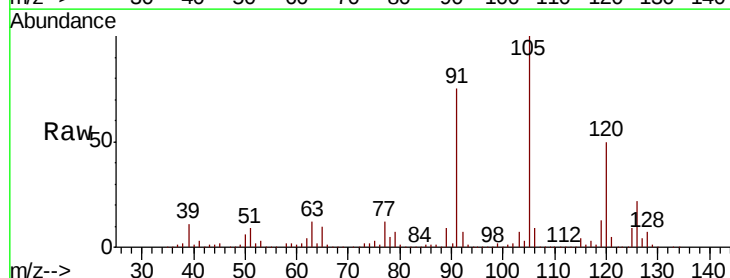
Acq: 21 Aug 2018 20:42

Tgt Ion:105 Resp: 758332

Ion Ratio Lower Upper

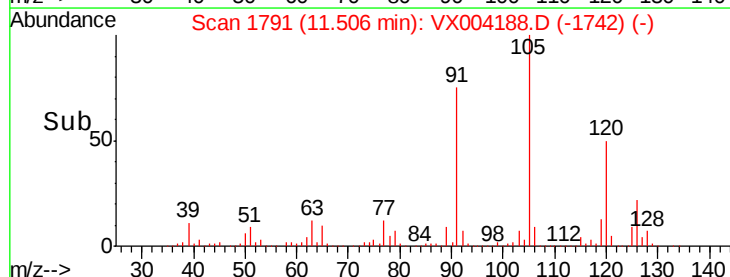
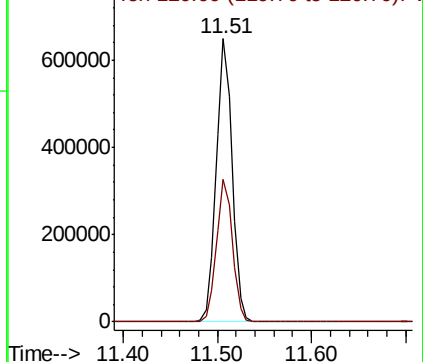
105 100

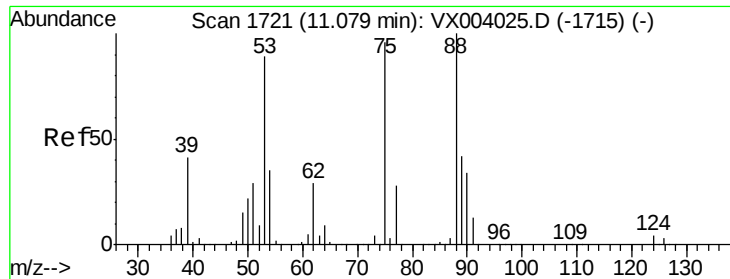
120 50.6 25.4 76.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 48.49 ug/l

RT: 11.07 min Scan# 1720

Delta R.T. -0.01 min

Lab File: VX004188.D

Acq: 21 Aug 2018 20:42

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

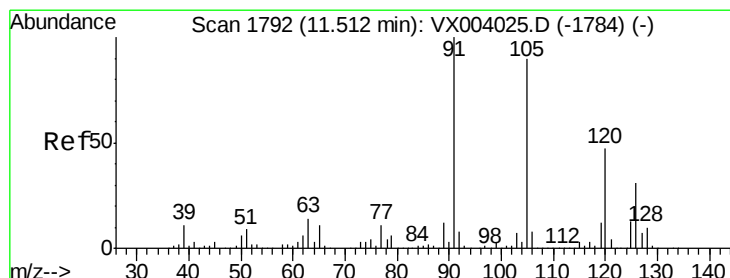
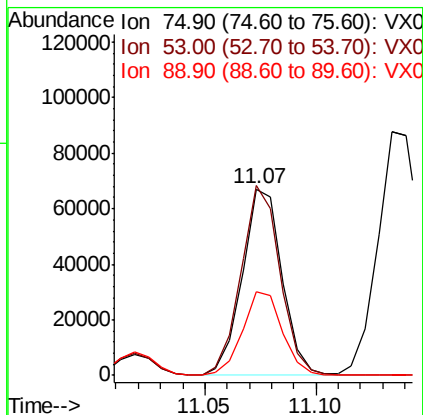
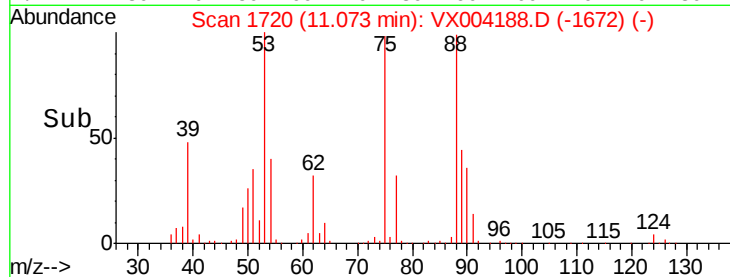
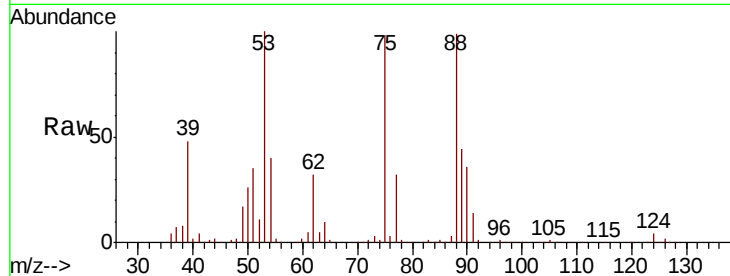
Tot Ion: 75 Resp: 83142

Ion Ratio Lower Upper

75 100

53 99.8 80.3 120.5

89 45.2 37.8 56.8



#82

4-Chlorotoluene

Concen: 49.30 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004188.D

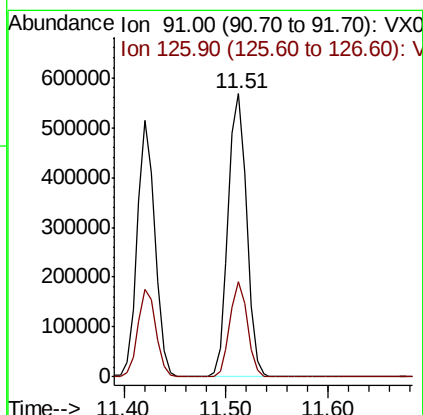
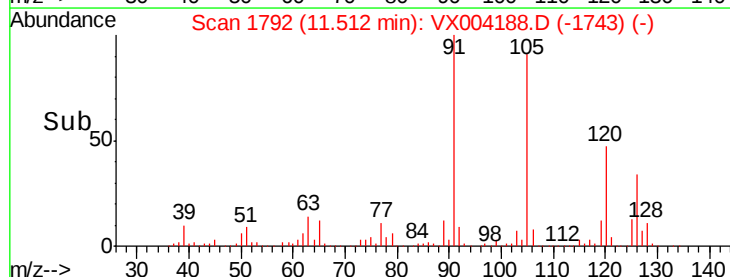
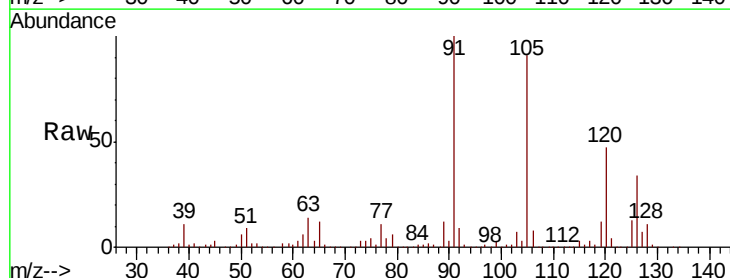
Acq: 21 Aug 2018 20:42

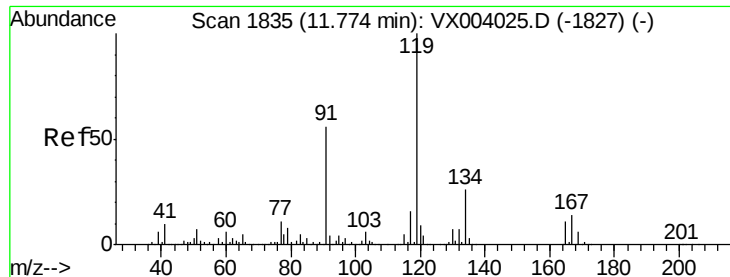
Tgt Ion: 91 Resp: 711904

Ion Ratio Lower Upper

91 100

126 31.9 15.6 46.7

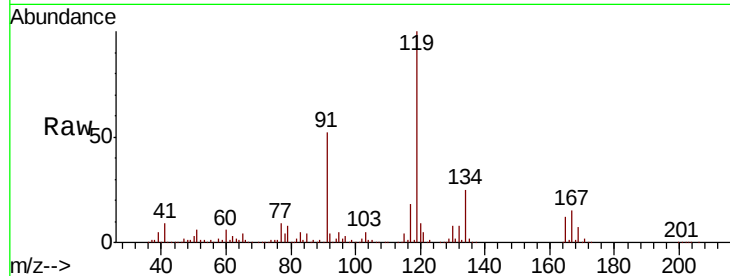




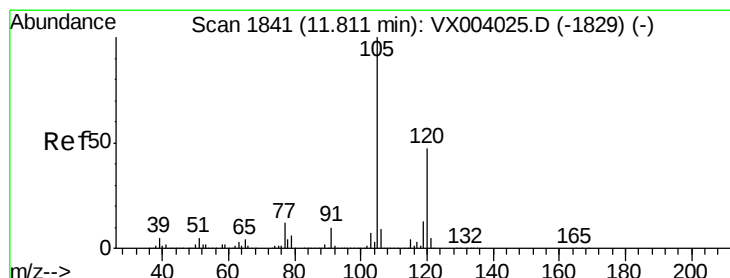
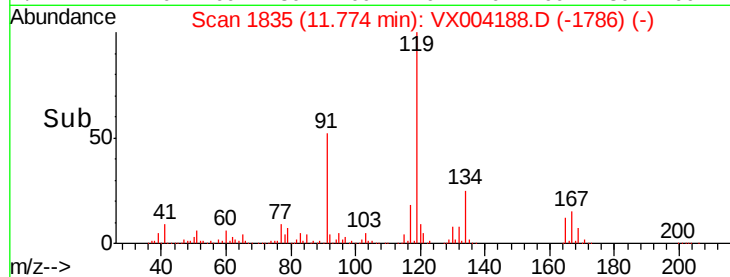
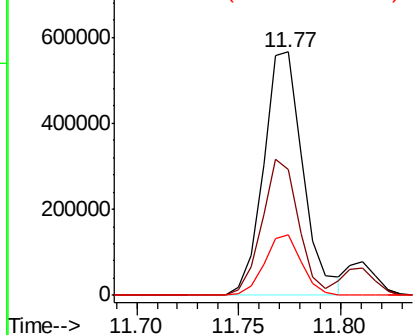
#83  
 tert-Butylbenzene  
 Concen: 51.65 ug/l  
 RT: 11.77 min Scan# 1835  
 Delta R.T. 0.00 min  
 Lab File: VX004188.D  
 Acq: 21 Aug 2018 20:42

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion:119 Resp: 763764  
 Ion Ratio Lower Upper  
 119 100  
 91 51.9 26.9 80.7  
 134 23.4 12.0 36.0

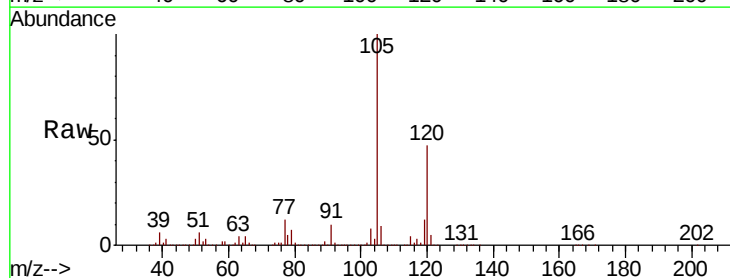


Abundance Ion 119.00 (118.70 to 119.70): V  
 Ion 91.00 (90.70 to 91.70): VX0  
 Ion 134.00 (133.70 to 134.70): V

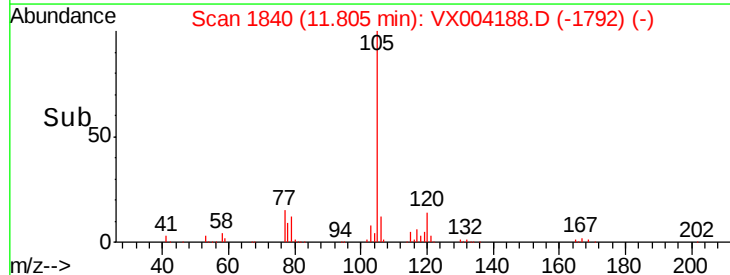
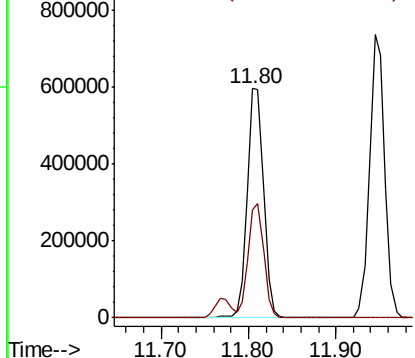


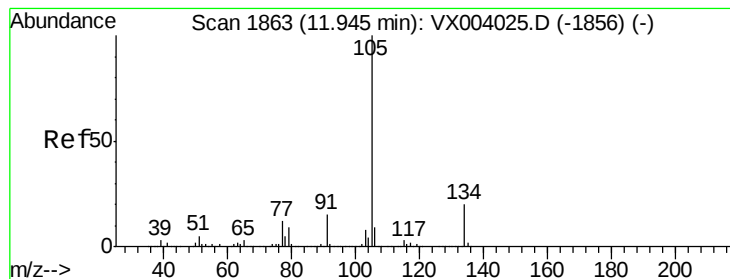
#84  
 1,2,4-Trimethylbenzene  
 Concen: 50.45 ug/l  
 RT: 11.80 min Scan# 1840  
 Delta R.T. -0.01 min  
 Lab File: VX004188.D  
 Acq: 21 Aug 2018 20:42

Tgt Ion:105 Resp: 766342  
 Ion Ratio Lower Upper  
 105 100  
 120 47.7 23.1 69.2



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





#85

sec-Butylbenzene

Concen: 51.96 ug/l

RT: 11.95 min Scan# 1863

Delta R.T. 0.00 min

Lab File: VX004188.D

Acq: 21 Aug 2018 20:42

Instrument :

MSVOA\_X

ClientSampleId :

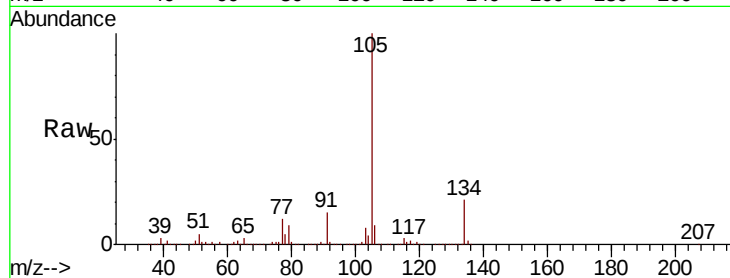
VSTDCCC050EC

Tot Ion:105 Resp: 899298

Ion Ratio Lower Upper

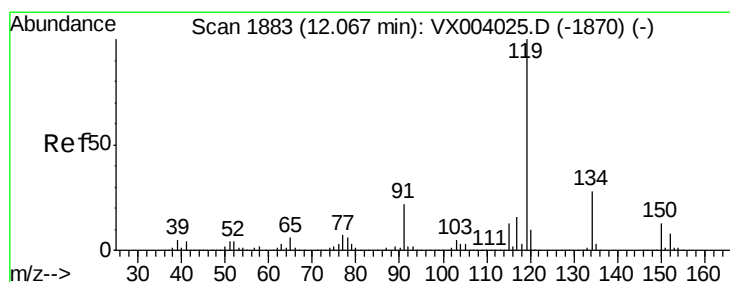
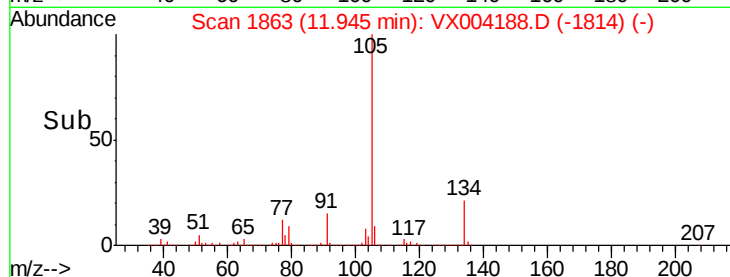
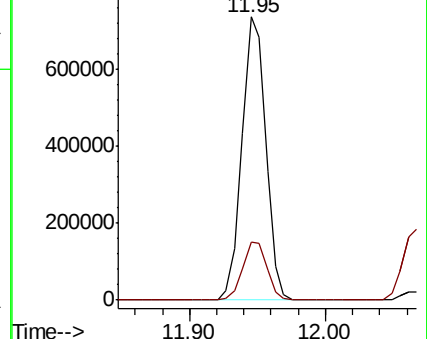
105 100

134 21.0 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.05 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX004188.D

Acq: 21 Aug 2018 20:42

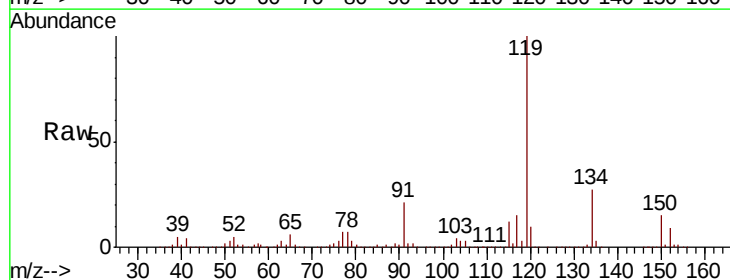
Tgt Ion:119 Resp: 815553

Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

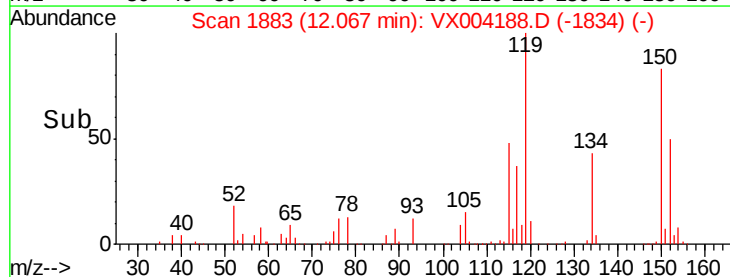
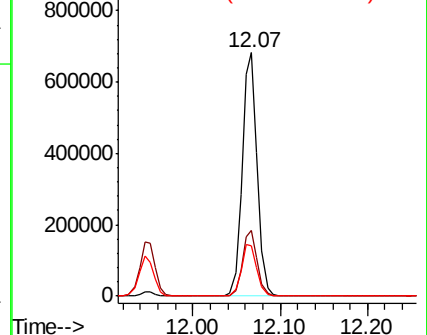
91 21.8 10.9 32.7

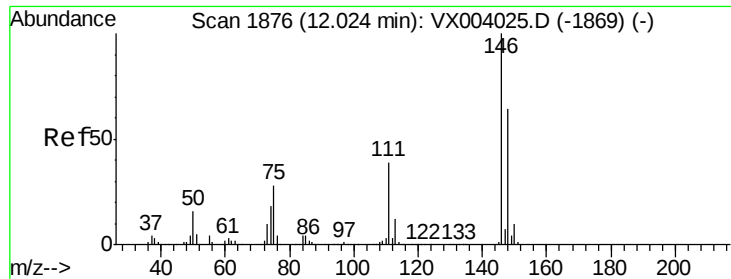


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 47.29 ug/l

RT: 12.02 min Scan# 1876

Delta R.T. 0.00 min

Lab File: VX004188.D

Acq: 21 Aug 2018 20:42

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

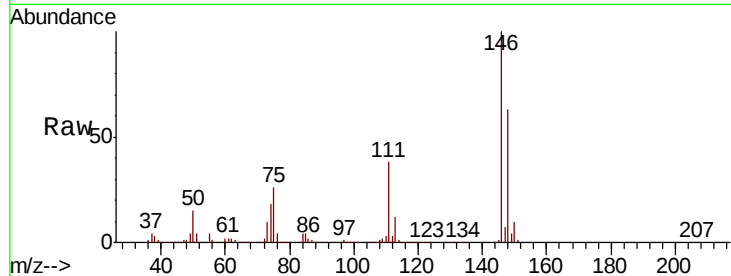
Tot Ion:146 Resp: 445333

Ion Ratio Lower Upper

146 100

111 37.5 18.8 56.4

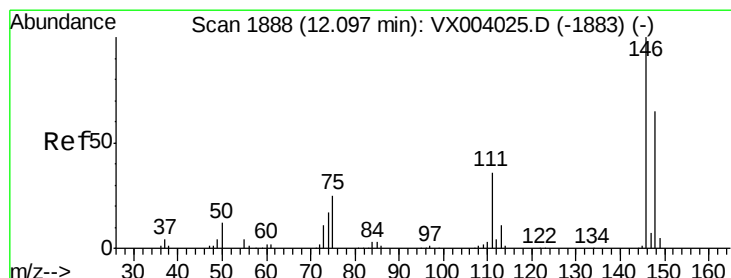
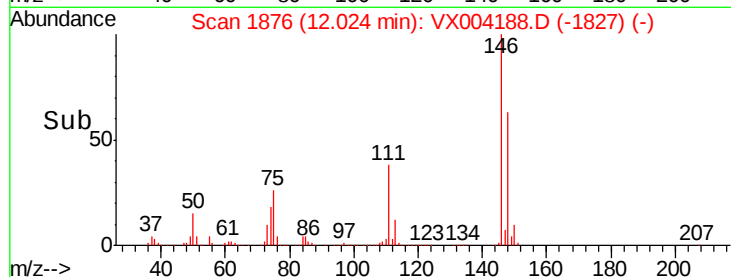
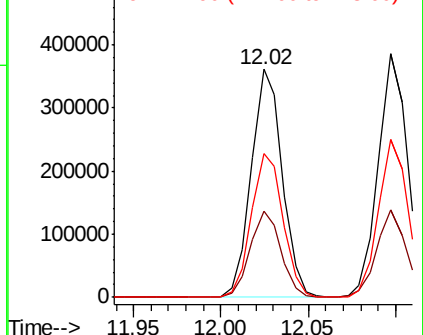
148 64.4 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 46.70 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. 0.00 min

Lab File: VX004188.D

Acq: 21 Aug 2018 20:42

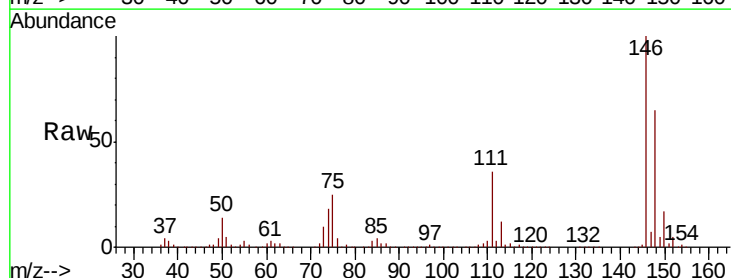
Tgt Ion:146 Resp: 452638

Ion Ratio Lower Upper

146 100

111 35.9 18.4 55.0

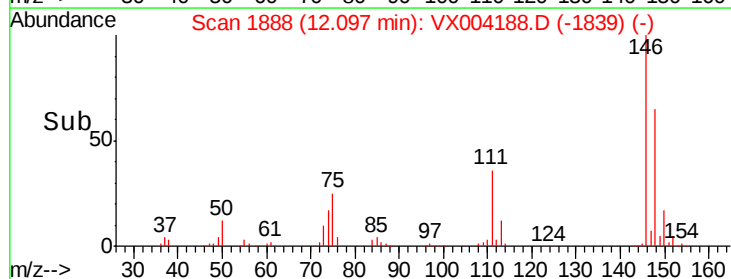
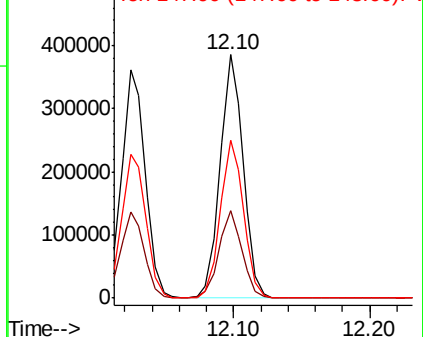
148 65.1 32.3 96.8

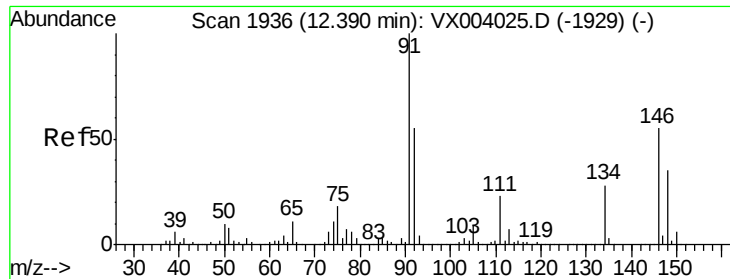


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 51.38 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX004188.D

Acq: 21 Aug 2018 20:42

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

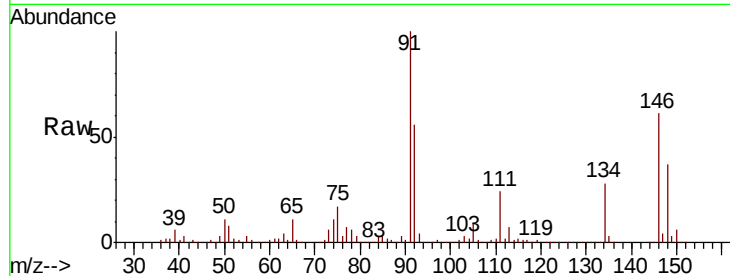
Tot Ion: 91 Resp: 634342

Ion Ratio Lower Upper

91 100

92 55.4 27.1 81.3

134 27.6 13.6 40.7

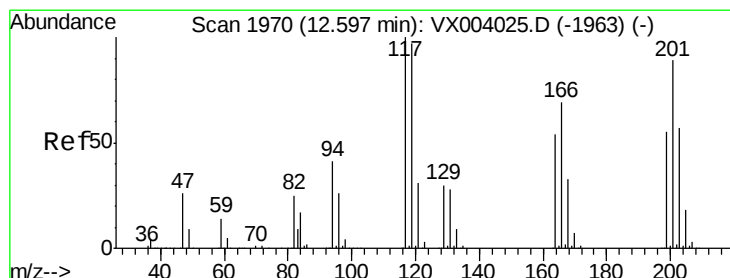
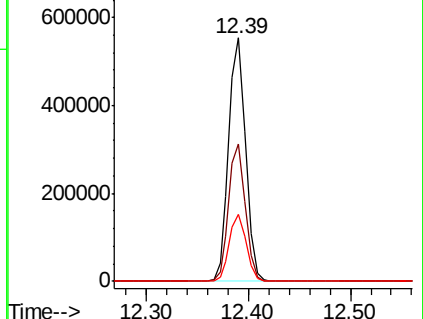
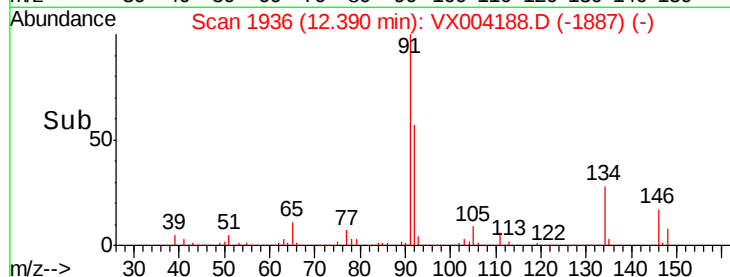


Abundance Ion 91.00 (90.70 to 91.70): VX004025.D (-1929) (-)

Ion 92.00 (91.70 to 92.70): VX004025.D (-1929) (-)

Ion 134.00 (133.70 to 134.70): VX004025.D (-1929) (-)

Time-->



#90

Hexachloroethane

Concen: 46.90 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX004188.D

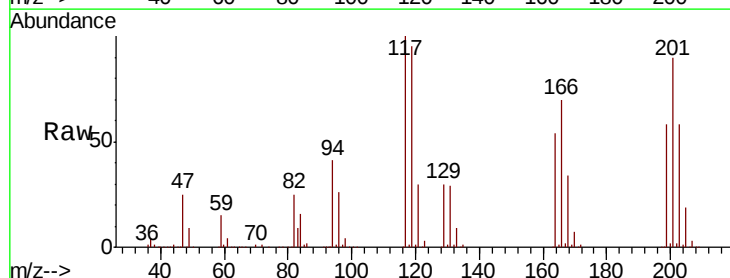
Acq: 21 Aug 2018 20:42

Tgt Ion: 117 Resp: 109950

Ion Ratio Lower Upper

117 100

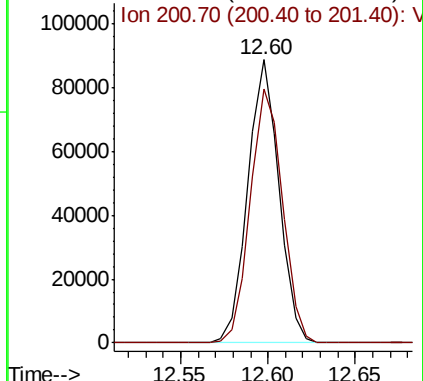
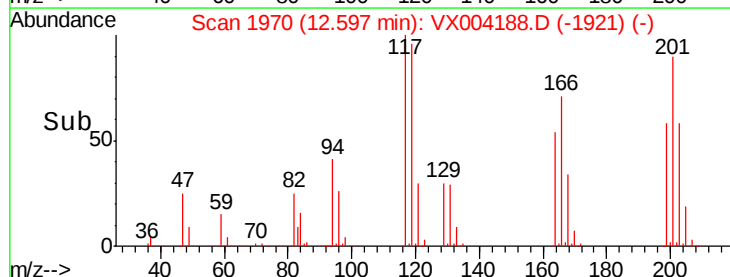
201 92.5 46.1 138.2

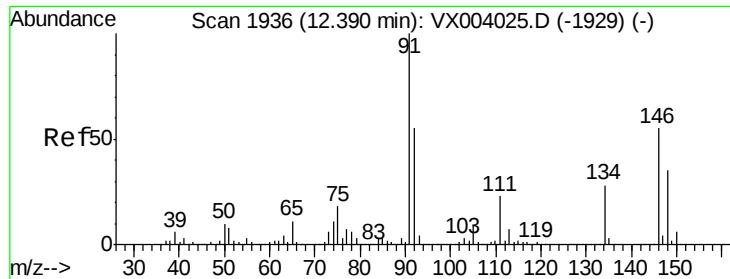


Abundance Ion 116.80 (116.50 to 117.50): VX004025.D (-1963) (-)

Ion 200.70 (200.40 to 201.40): VX004025.D (-1963) (-)

Time-->

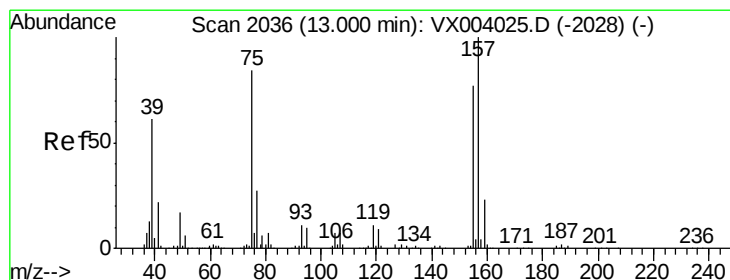
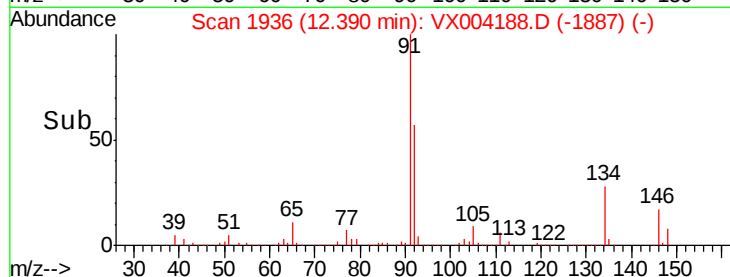
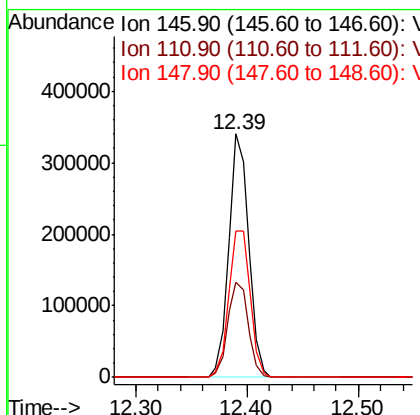
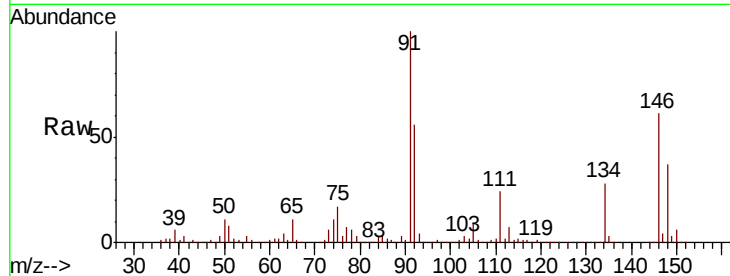




#91  
 1,2-Dichlorobenzene  
 Concen: 49.35 ug/l  
 RT: 12.39 min Scan# 1936  
 Delta R.T. 0.00 min  
 Lab File: VX004188.D  
 Acq: 21 Aug 2018 20:42

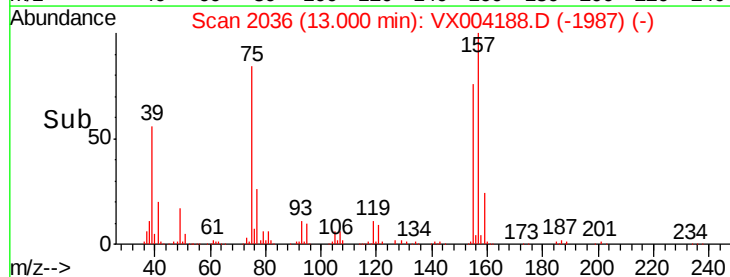
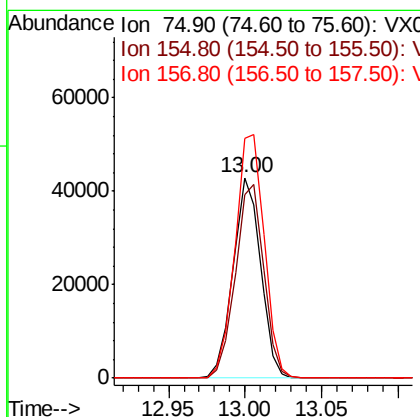
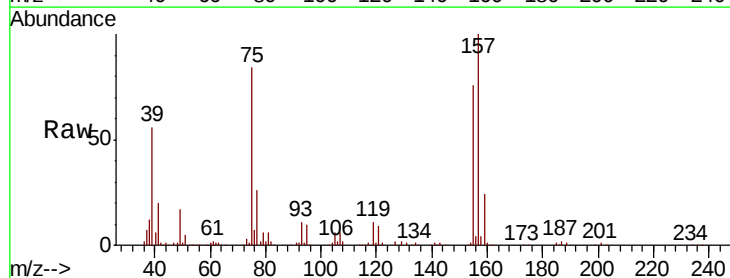
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

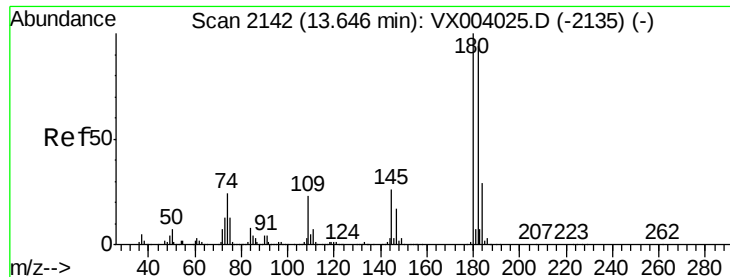
Tot Ion:146 Resp: 419109  
 Ion Ratio Lower Upper  
 146 100  
 111 40.4 19.7 59.0  
 148 64.9 31.9 95.5



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 48.72 ug/l  
 RT: 13.00 min Scan# 2036  
 Delta R.T. 0.00 min  
 Lab File: VX004188.D  
 Acq: 21 Aug 2018 20:42

Tgt Ion: 75 Resp: 53563  
 Ion Ratio Lower Upper  
 75 100  
 155 99.3 48.7 146.1  
 157 128.8 62.6 187.8

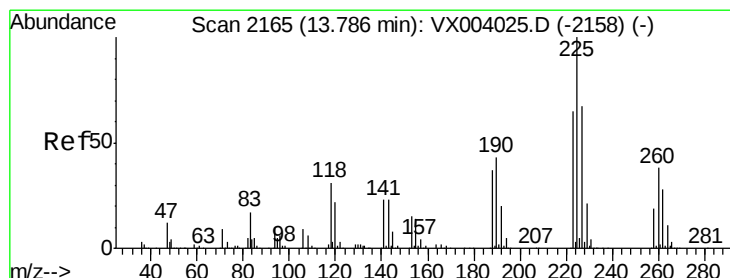
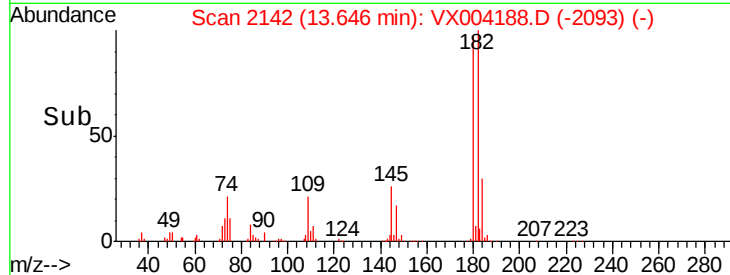
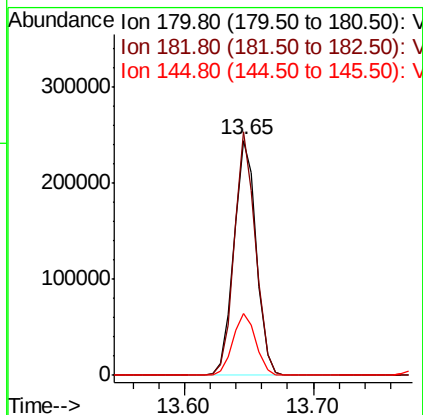
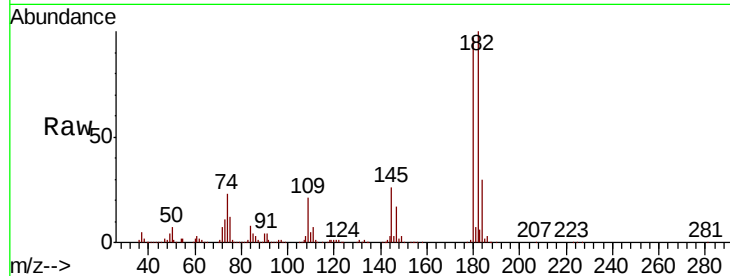




#93  
 1,2,4-Trichlorobenzene  
 Concen: 51.01 ug/l  
 RT: 13.65 min Scan# 2142  
 Delta R.T. 0.00 min  
 Lab File: VX004188.D  
 Acq: 21 Aug 2018 20:42

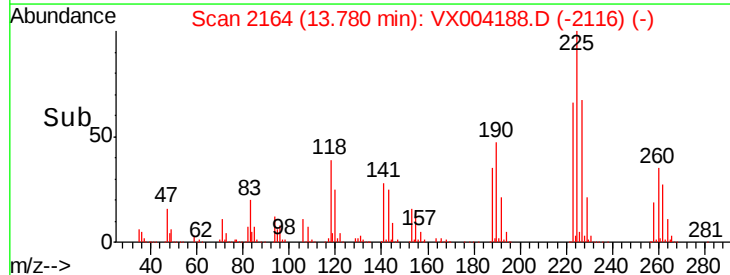
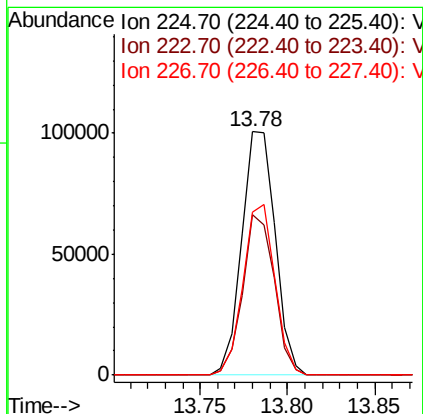
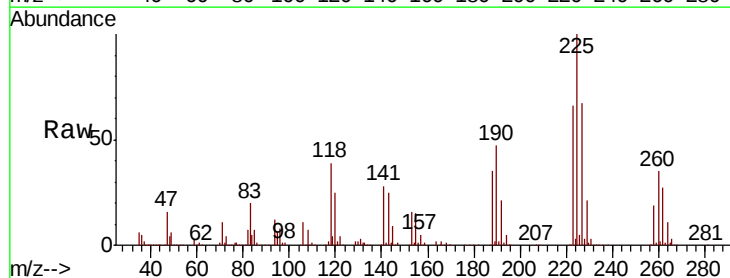
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

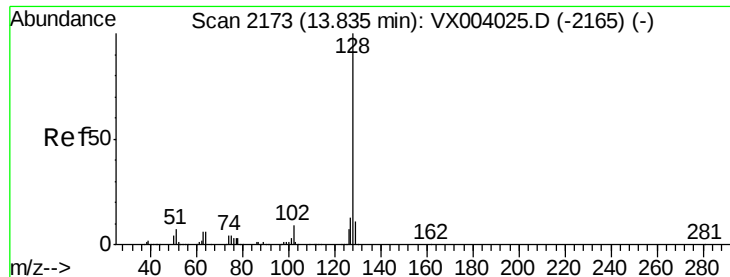
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 98.1  | 47.7  | 143.1 |
| 145     | 27.1  | 13.9  | 41.6  |



#94  
 Hexachlorobutadiene  
 Concen: 46.09 ug/l  
 RT: 13.78 min Scan# 2164  
 Delta R.T. -0.01 min  
 Lab File: VX004188.D  
 Acq: 21 Aug 2018 20:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.6  | 31.4  | 94.0  |
| 227     | 66.6  | 32.1  | 96.5  |

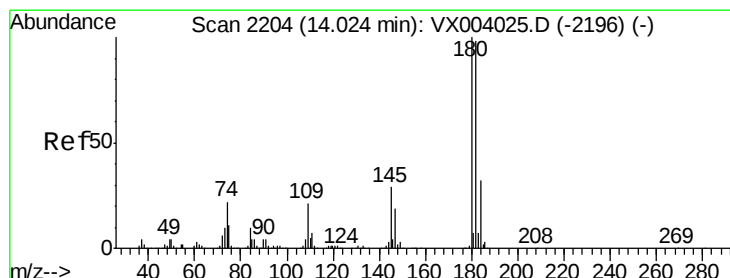
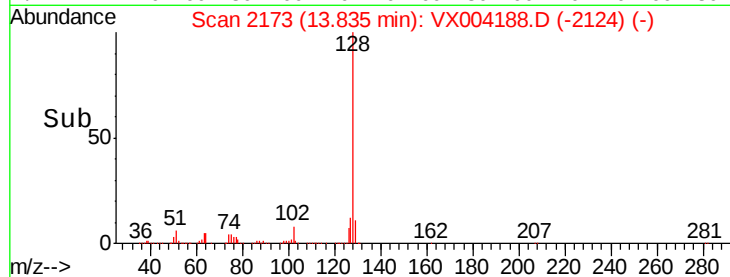
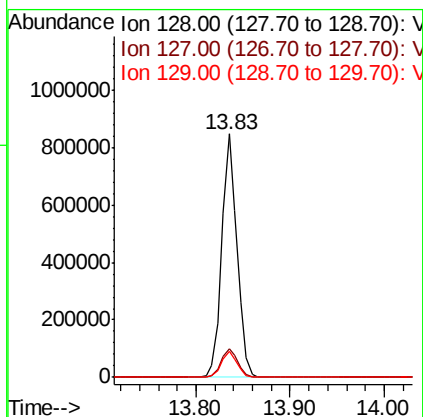
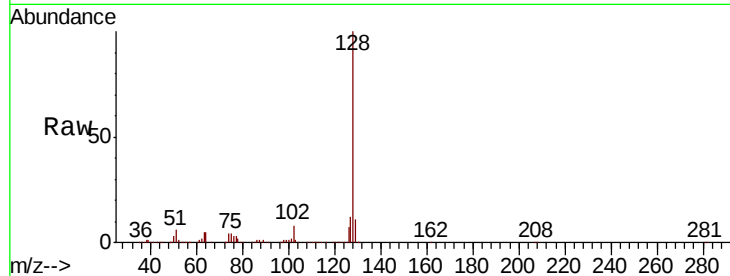




#95  
Naphthalene  
Concen: 51.03 ug/l  
RT: 13.83 min Scan# 2173  
Delta R.T. 0.00 min  
Lab File: VX004188.D  
Acq: 21 Aug 2018 20:42

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:128 Resp: 944826  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.2 15.2  
129 10.9 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 49.92 ug/l  
RT: 14.02 min Scan# 2204  
Delta R.T. 0.00 min  
Lab File: VX004188.D  
Acq: 21 Aug 2018 20:42

Tgt Ion:180 Resp: 315992  
Ion Ratio Lower Upper  
180 100  
182 97.8 48.1 144.4  
145 30.6 14.9 44.7

