

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX081418\  
 Data File : VX004024.D  
 Acq On : 14 Aug 2018 11:34  
 Operator : JC/MD  
 Sample : VSTDIC020  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC020

Quant Time: Aug 24 06:36:19 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      | 5.67  | 168  | 312050   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 457210   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 425251   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 261053   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 87735    | 19.96 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 39.92% |          |
| 35) Dibromofluoromethane    | 5.51  | 113  | 67931    | 19.85 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 39.70% |          |
| 50) Toluene-d8              | 8.71  | 98   | 276668   | 19.94 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 39.88% |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 97649    | 19.41 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 38.82% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85   | 62261    | 20.497  | ug/l  | 99     |
| 3) Chloromethane              | 1.32 | 50   | 74332    | 19.941  | ug/l  | 99     |
| 4) Vinyl Chloride             | 1.40 | 62   | 80789    | 20.031  | ug/l  | 99     |
| 5) Bromomethane               | 1.64 | 94   | 42229    | 20.556  | ug/l  | 99     |
| 6) Chloroethane               | 1.73 | 64   | 55581    | 19.879  | ug/l  | 100    |
| 7) Trichlorofluoromethane     | 1.93 | 101  | 110823   | 19.588  | ug/l  | 98     |
| 8) Diethyl Ether              | 2.18 | 74   | 47289    | 19.145  | ug/l  | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101  | 68650    | 19.450  | ug/l  | 100    |
| 10) Methyl Iodide             | 2.51 | 142  | 60804    | 19.523  | ug/l  | 100    |
| 11) Tert butyl alcohol        | 3.04 | 59   | 89283    | 100.843 | ug/l  | 98     |
| 12) 1,1-Dichloroethene        | 2.38 | 96   | 63131    | 19.231  | ug/l  | 97     |
| 13) Acrolein                  | 2.29 | 56   | 59742    | 106.049 | ug/l  | 100    |
| 14) Allyl chloride            | 2.73 | 41   | 121019   | 19.375  | ug/l  | 98     |
| 15) Acrylonitrile             | 3.14 | 53   | 215501   | 97.623  | ug/l  | 100    |
| 16) Acetone                   | 2.43 | 43   | 224317   | 98.131  | ug/l  | 99     |
| 17) Carbon Disulfide          | 2.57 | 76   | 177363   | 19.049  | ug/l  | 100    |
| 18) Methyl Acetate            | 2.77 | 43   | 95874    | 18.874  | ug/l  | 98     |
| 19) Methyl tert-butyl Ether   | 3.20 | 73   | 222735   | 19.258  | ug/l  | 98     |
| 20) Methylene Chloride        | 2.86 | 84   | 77712    | 20.441  | ug/l  | 96     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96   | 72361    | 19.409  | ug/l  | 94     |
| 22) Diisopropyl ether         | 3.87 | 45   | 236229   | 19.300  | ug/l  | 99     |
| 23) Vinyl Acetate             | 3.82 | 43   | 997670   | 99.242  | ug/l  | 99     |
| 24) 1,1-Dichloroethane        | 3.70 | 63   | 134815   | 19.446  | ug/l  | 100    |
| 25) 2-Butanone                | 4.69 | 43   | 366086   | 98.428  | ug/l  | 100    |
| 26) 2,2-Dichloropropane       | 4.59 | 77   | 106606   | 19.342  | ug/l  | 99     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96   | 81669    | 19.481  | ug/l  | 98     |
| 28) Bromochloromethane        | 5.03 | 49   | 65493    | 20.591  | ug/l  | 96     |
| 29) Tetrahydrofuran           | 5.15 | 42   | 182310   | 95.940  | ug/l  | 99     |
| 30) Chloroform                | 5.22 | 83   | 132493   | 19.582  | ug/l  | 100    |
| 31) Cyclohexane               | 5.58 | 56   | 115126   | 18.943  | ug/l  | 97     |
| 32) 1,1,1-Trichloroethane     | 5.50 | 97   | 111032   | 19.638  | ug/l  | 98     |
| 36) 1,1-Dichloropropene       | 5.81 | 75   | 101818   | 19.570  | ug/l  | 98     |
| 37) Ethyl Acetate             | 4.85 | 43   | 110769   | 19.551  | ug/l  | 99     |
| 38) Carbon Tetrachloride      | 5.78 | 117  | 98061    | 19.400  | ug/l  | 95     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX081418\  
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 Operator : JC/MD  
 Sample : VSTDIC020  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDIC020

Quant Time: Aug 24 06:36:19 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   | 111977   | 18.972  | ug/l   | 98       |
| 40) Benzene                    | 6.15  | 78   | 307381   | 19.676  | ug/l   | 100      |
| 41) Methacrylonitrile          | 5.06  | 41   | 60855    | 19.179  | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 108126   | 19.772  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 6.46  | 43   | 160592   | 19.230  | ug/l   | 99       |
| 44) Trichloroethene            | 7.21  | 130  | 81753    | 19.276  | ug/l   | 95       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 78780    | 19.698  | ug/l   | 99       |
| 46) Dibromomethane             | 7.67  | 93   | 51350    | 19.647  | ug/l   | 98       |
| 47) Bromodichloromethane       | 7.90  | 83   | 95071    | 19.206  | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.78  | 41   | 82548    | 19.636  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.76  | 88   | 38217    | 403.782 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 690420   | 100.828 | ug/l   | 99       |
| 52) Toluene                    | 8.79  | 92   | 195992   | 19.837  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 102831   | 19.230  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 8.44  | 75   | 115652   | 19.529  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 9.22  | 97   | 79328    | 19.443  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 105457   | 19.007  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 133272   | 19.687  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.32  | 63   | 295226   | 104.496 | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.50  | 43   | 520830   | 101.063 | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.59  | 129  | 74985    | 19.098  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 9.68  | 107  | 82046    | 19.726  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.34  | 164  | 78971    | 19.594  | ug/l   | 96       |
| 65) Chlorobenzene              | 10.14 | 112  | 213122   | 19.402  | ug/l   | 94       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 72543    | 19.363  | ug/l   | 97       |
| 67) Ethyl Benzene              | 10.26 | 91   | 345116   | 19.840  | ug/l   | 96       |
| 68) m/p-Xylenes                | 10.36 | 106  | 278490   | 40.885  | ug/l   | 100      |
| 69) o-Xylene                   | 10.70 | 106  | 125930   | 19.345  | ug/l   | 91       |
| 70) Styrene                    | 10.71 | 104  | 228142   | 20.825  | ug/l   | 96       |
| 71) Bromoform                  | 10.86 | 173  | 55311    | 18.618  | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 364625   | 20.640  | ug/l   | 97       |
| 74) N-amyl acetate             | 6.46  | 43   | 160592   | 19.327  | ug/l # | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 120932   | 19.602  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 132894   | 25.385  | ug/l   | 85       |
| 77) Bromobenzene               | 11.26 | 156  | 96513    | 19.818  | ug/l   | 99       |
| 78) n-propylbenzene            | 11.36 | 91   | 407175   | 20.595  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 248351   | 20.613  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 303077   | 20.952  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 31616    | 18.694  | ug/l   | 94       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 288155   | 20.233  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.77 | 119  | 292253   | 20.038  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 315328   | 21.048  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.95 | 105  | 350258   | 20.519  | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 318937   | 20.638  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 179011   | 19.273  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 184429   | 19.293  | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.39 | 91   | 231094   | 18.978  | ug/l   | 100      |
| 90) Hexachloroethane           | 12.60 | 117  | 42331    | 18.307  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 12.40 | 146  | 160125   | 19.116  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 20532    | 18.936  | ug/l   | 97       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX081418\  
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Acq On : 14 Aug 2018 11:34  
Operator : JC/MD  
Sample : VSTDICC020  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 4 Sample Multiplier: 1

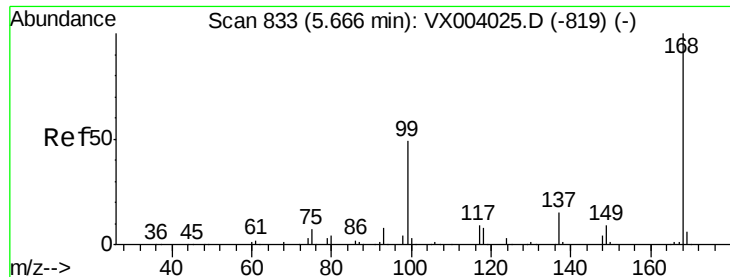
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

Quant Time: Aug 24 06:36:19 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  | 110346   | 19.271 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.79 | 225  | 54164    | 18.871 | ug/l  | 100      |
| 95) Naphthalene            | 13.83 | 128  | 332219   | 18.929 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 125726   | 20.136 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX004024.D

Acq: 14 Aug 2018 11:34

Instrument :

MSVOA\_X

ClientSampleId :

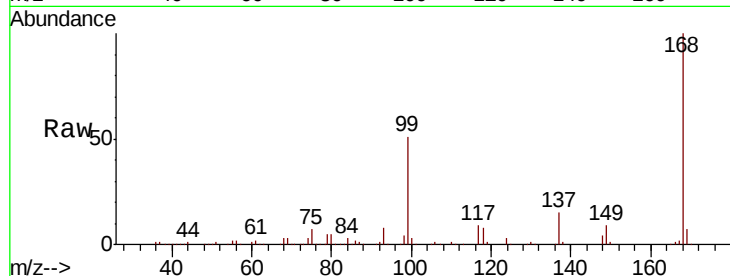
VSTDIC020

Tgt Ion:168 Resp: 312050

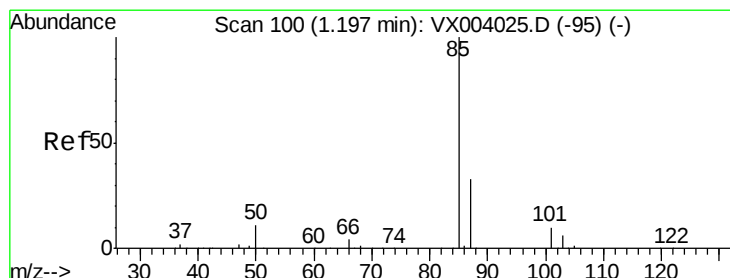
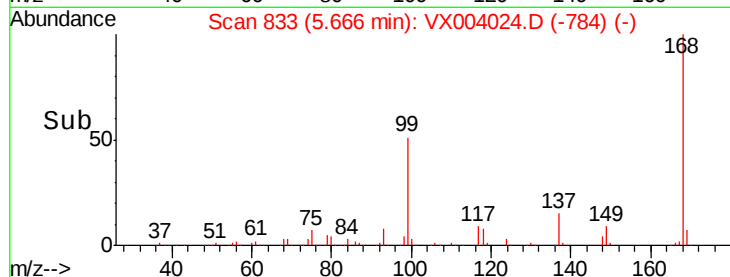
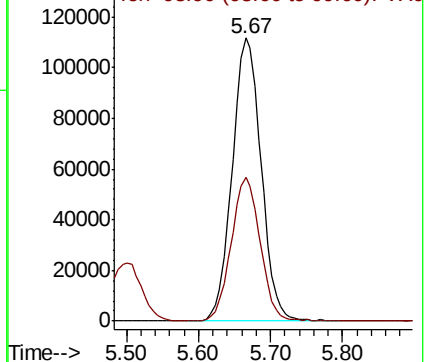
Ion Ratio Lower Upper

168 100

99 50.9 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): VX004025.D (-819) (-)



#2

Dichlorodifluoromethane

Concen: 20.497 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX004024.D

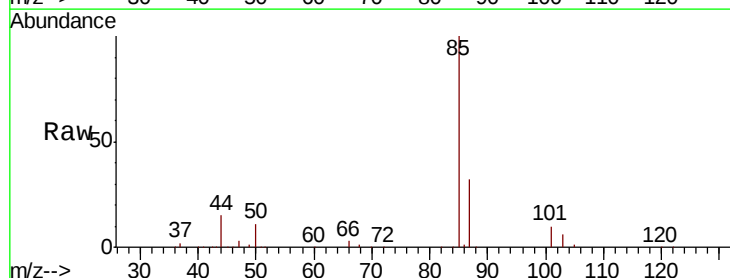
Acq: 14 Aug 2018 11:34

Tgt Ion: 85 Resp: 62261

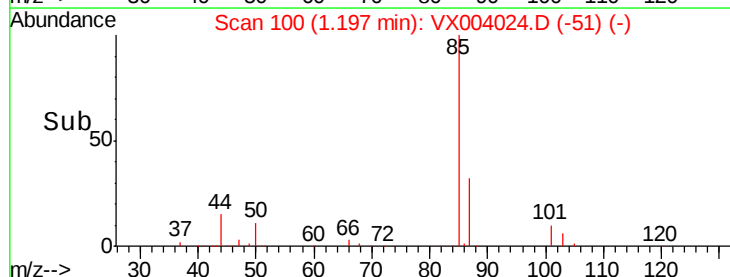
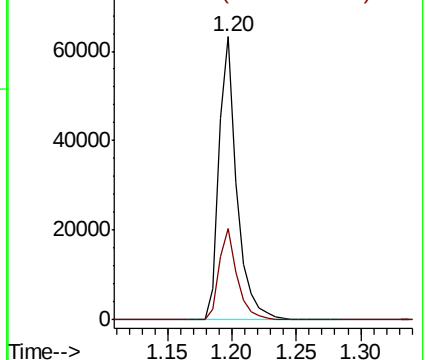
Ion Ratio Lower Upper

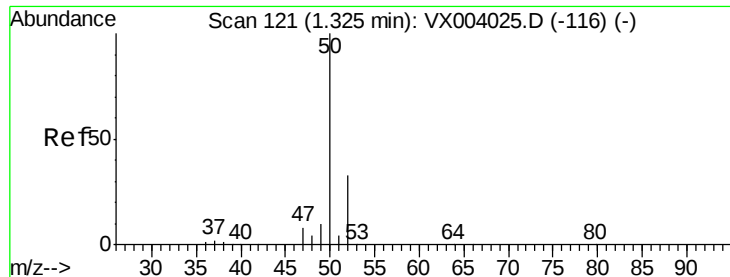
85 100

87 32.4 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VX004025.D (-95) (-)





#3

Chloromethane

Concen: 19.941 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX004024.D

Acq: 14 Aug 2018 11:34

Instrument :

MSVOA\_X

ClientSampleId :

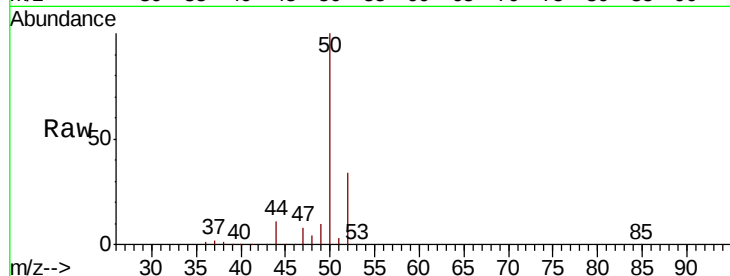
VSTDIC020

Tgt Ion: 50 Resp: 74332

Ion Ratio Lower Upper

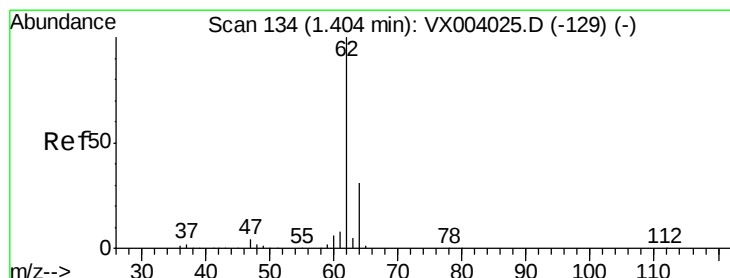
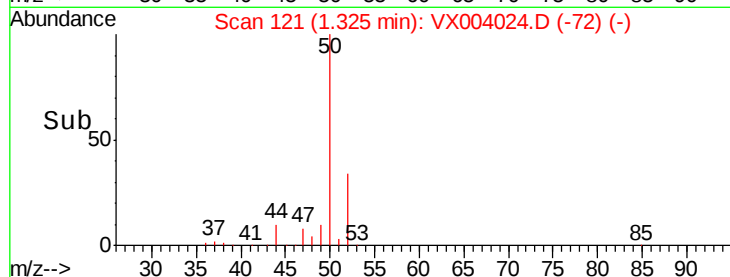
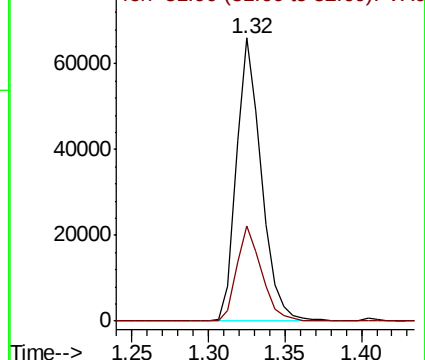
50 100

52 33.8 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.031 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX004024.D

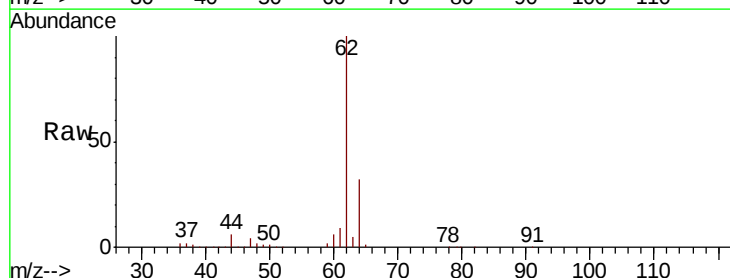
Acq: 14 Aug 2018 11:34

Tgt Ion: 62 Resp: 80789

Ion Ratio Lower Upper

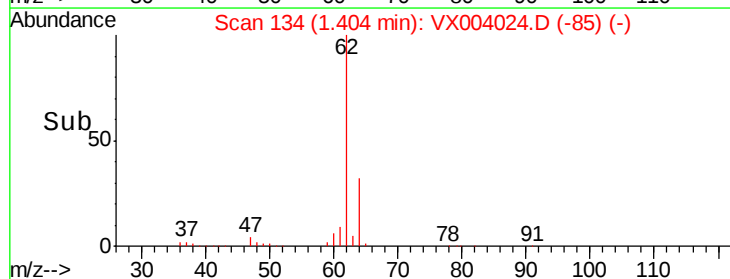
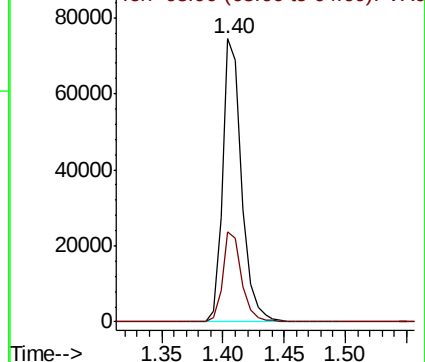
62 100

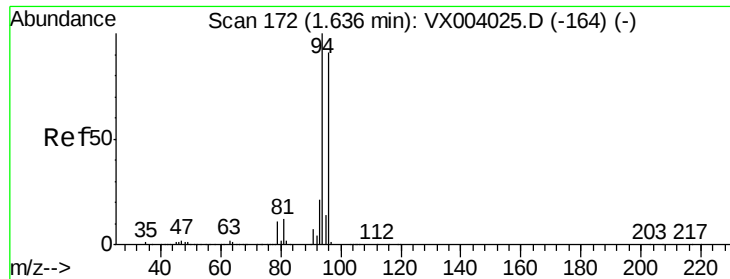
64 31.8 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.556 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX004024.D

Acq: 14 Aug 2018 11:34

Instrument :

MSVOA\_X

ClientSampleId :

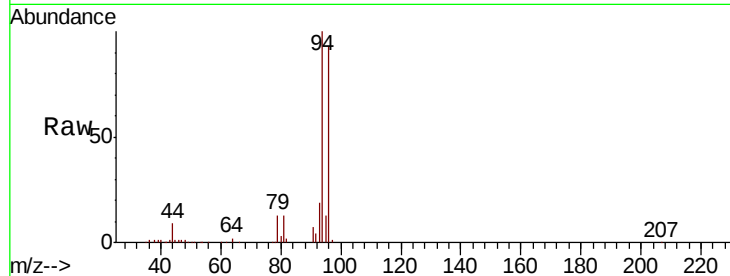
VSTDIC020

Tgt Ion: 94 Resp: 42229

Ion Ratio Lower Upper

94 100

96 92.7 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

40000

30000

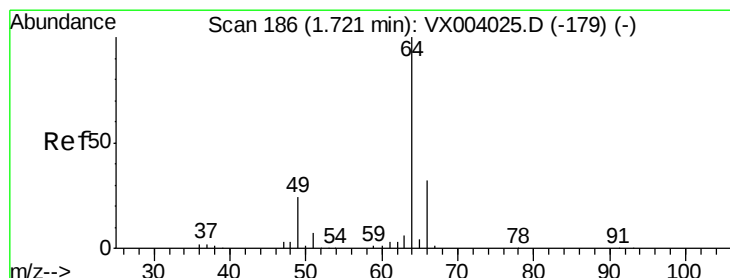
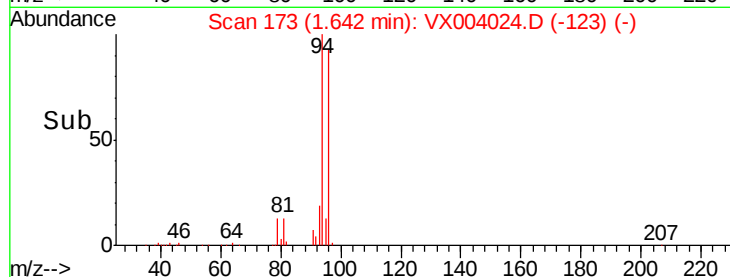
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10000

0

Time-->

1.60 1.70



#6

Chloroethane

Concen: 19.879 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX004024.D

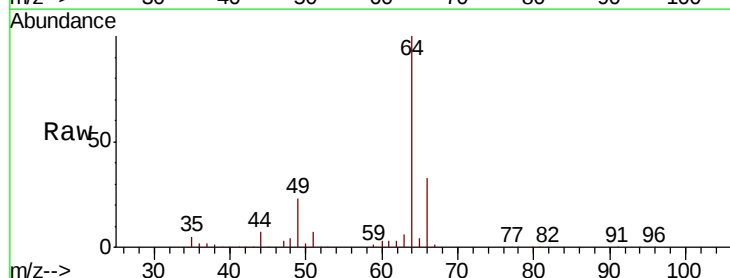
Acq: 14 Aug 2018 11:34

Tgt Ion: 64 Resp: 55581

Ion Ratio Lower Upper

64 100

66 33.3 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

40000

30000

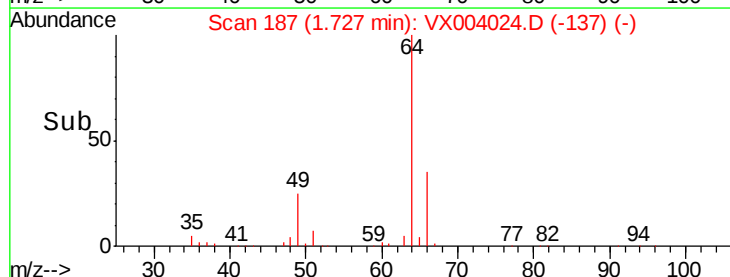
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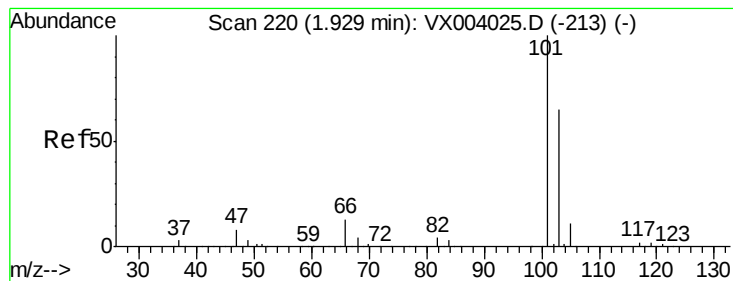
10000

0

Time-->

1.65 1.70 1.75 1.80



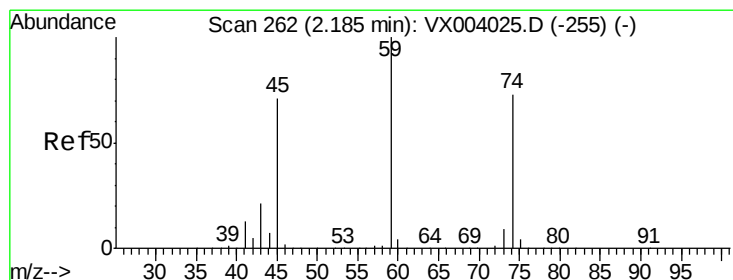
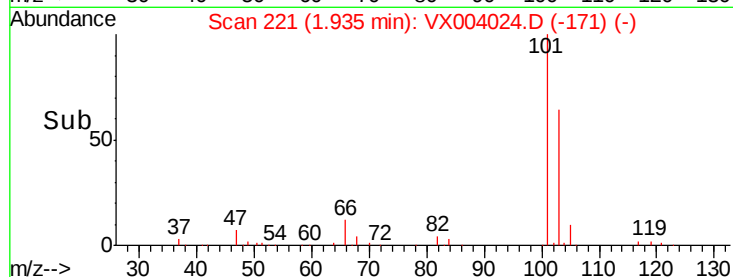
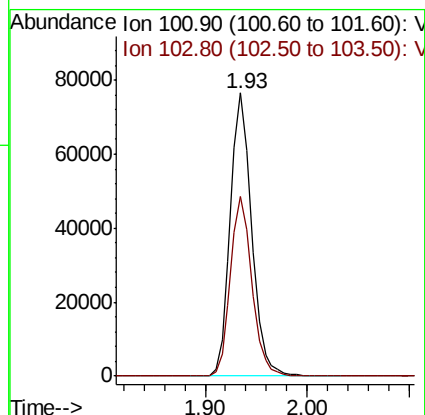
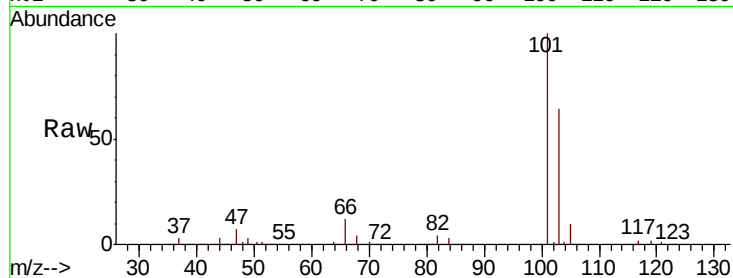


#7

Trichlorofluoromethane  
 Concen: 19.588 ug/l  
 RT: 1.93 min Scan# 221  
 Delta R.T. 0.01 min  
 Lab File: VX004024.D  
 Acq: 14 Aug 2018 11:34

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC020

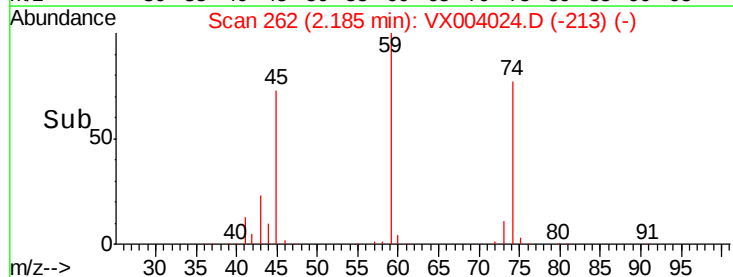
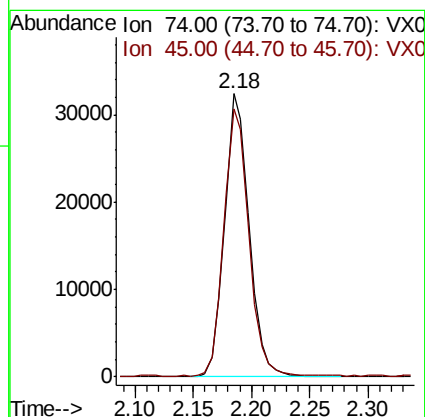
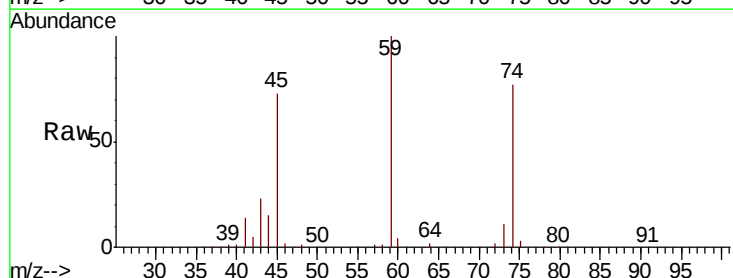
Tgt Ion: 101 Resp: 110823  
 Ion Ratio Lower Upper  
 101 100  
 103 63.7 52.3 78.5

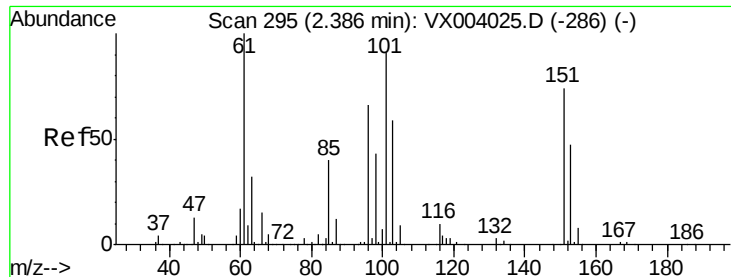


#8

Diethyl Ether  
 Concen: 19.145 ug/l  
 RT: 2.18 min Scan# 262  
 Delta R.T. 0.00 min  
 Lab File: VX004024.D  
 Acq: 14 Aug 2018 11:34

Tgt Ion: 74 Resp: 47289  
 Ion Ratio Lower Upper  
 74 100  
 45 96.0 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.450 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX004024.D

Acq: 14 Aug 2018 11:34

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC020

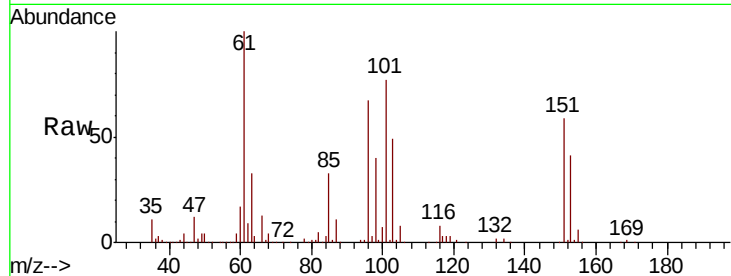
Tgt Ion:101 Resp: 68650

Ion Ratio Lower Upper

101 100

85 42.5 34.2 51.4

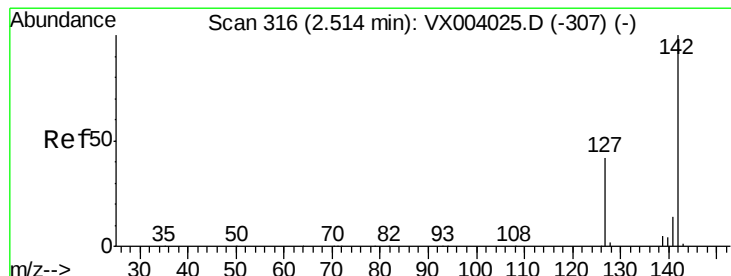
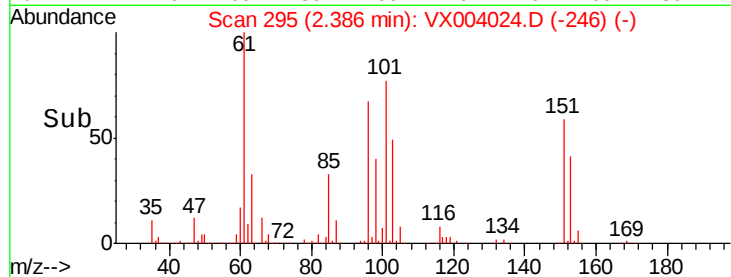
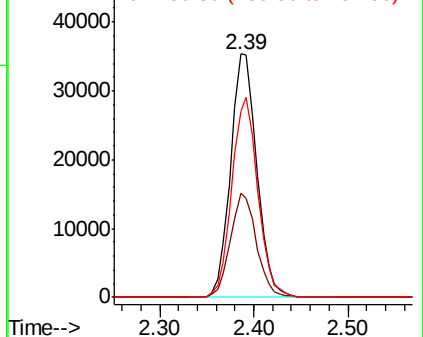
151 81.4 65.0 97.4



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: 19.523 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX004024.D

Acq: 14 Aug 2018 11:34

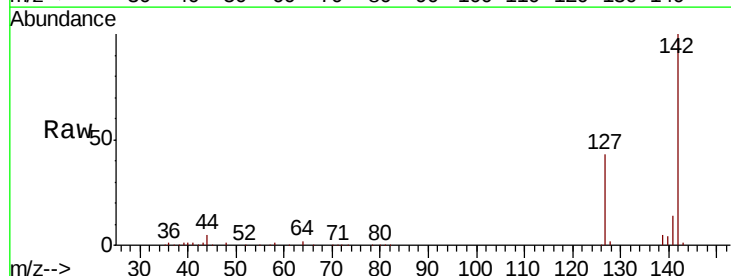
Tgt Ion:142 Resp: 60804

Ion Ratio Lower Upper

142 100

127 41.6 33.1 49.7

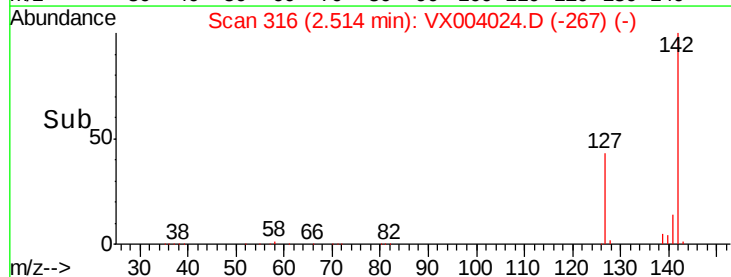
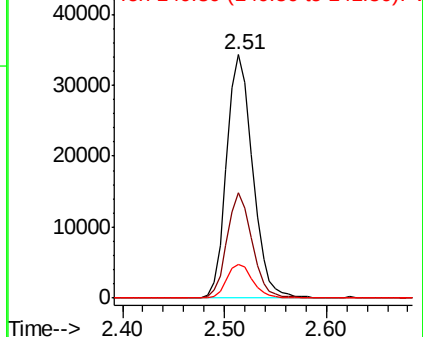
141 13.9 11.1 16.7

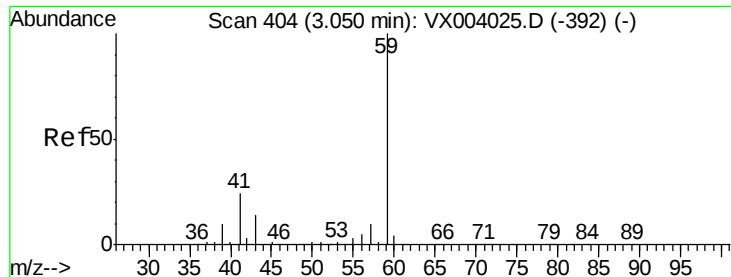


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



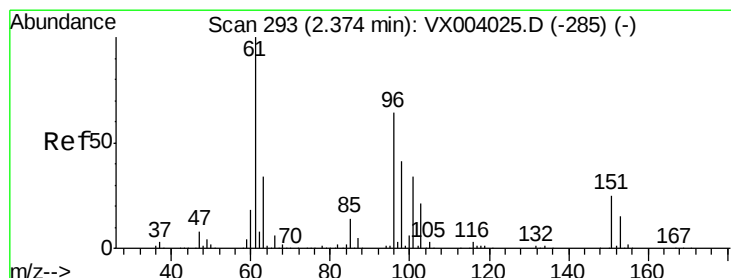
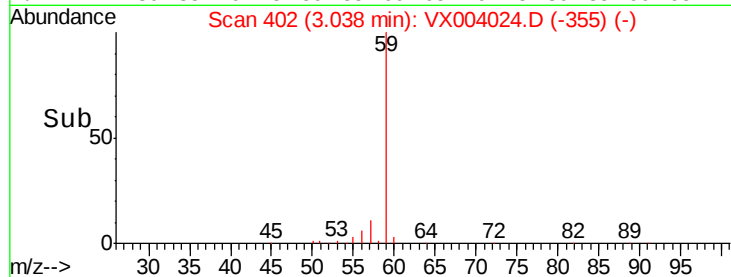
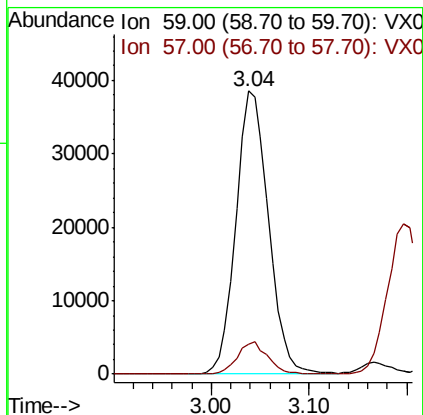
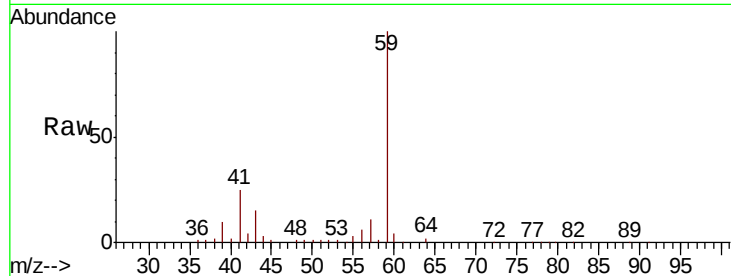


#11

Tert butyl alcohol  
 Concen: 100.843 ug/l  
 RT: 3.04 min Scan# 402  
 Delta R.T. -0.01 min  
 Lab File: VX004024.D  
 Acq: 14 Aug 2018 11:34

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC020

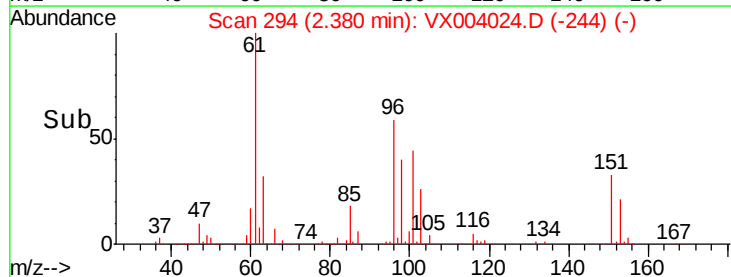
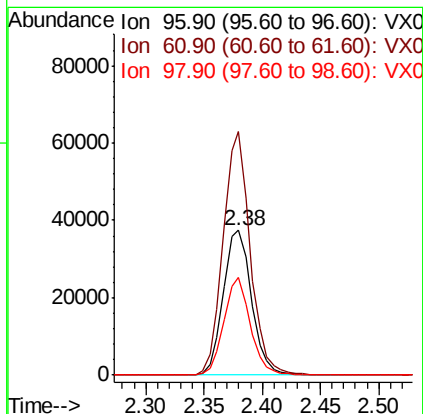
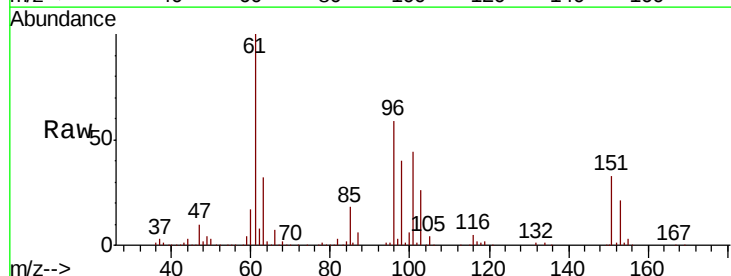
Tgt Ion: 59 Resp: 89283  
 Ion Ratio Lower Upper  
 59 100  
 57 10.8 8.1 12.1

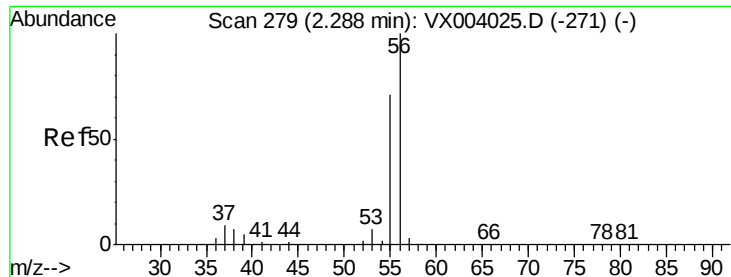


#12

1,1-Dichloroethene  
 Concen: 19.231 ug/l  
 RT: 2.38 min Scan# 294  
 Delta R.T. 0.01 min  
 Lab File: VX004024.D  
 Acq: 14 Aug 2018 11:34

Tgt Ion: 96 Resp: 63131  
 Ion Ratio Lower Upper  
 96 100  
 61 168.3 131.3 196.9  
 98 67.5 51.8 77.6

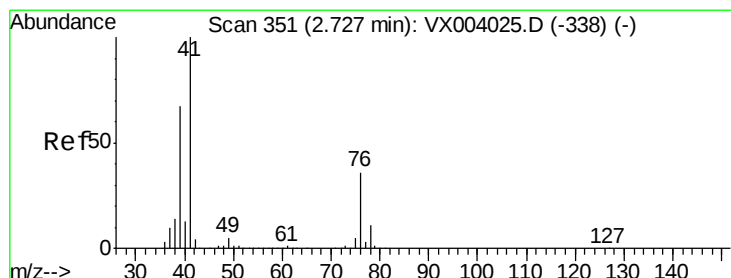
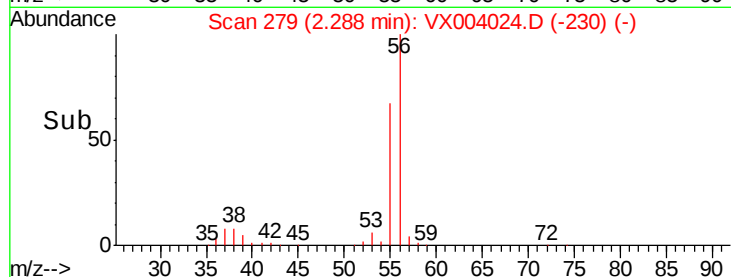
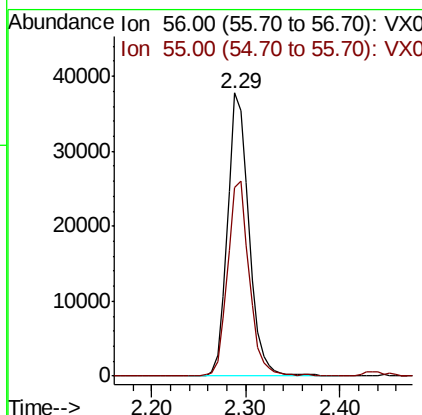
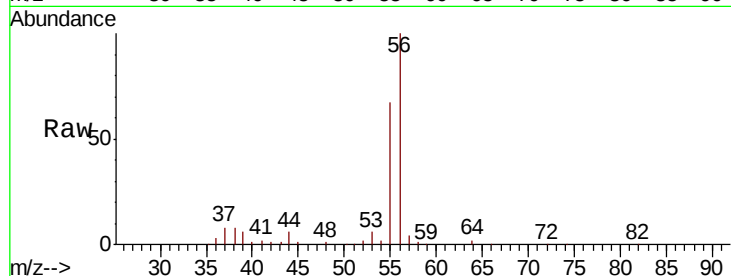




#13  
 Acrolein  
 Concen: 106.049 ug/l  
 RT: 2.29 min Scan# 279  
 Delta R.T. 0.00 min  
 Lab File: VX004024.D  
 Acq: 14 Aug 2018 11:34

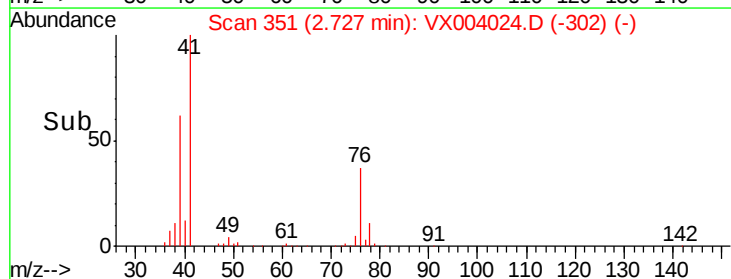
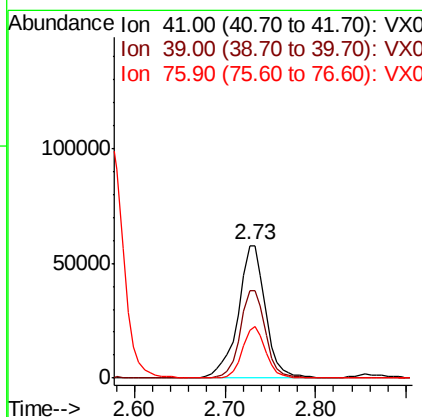
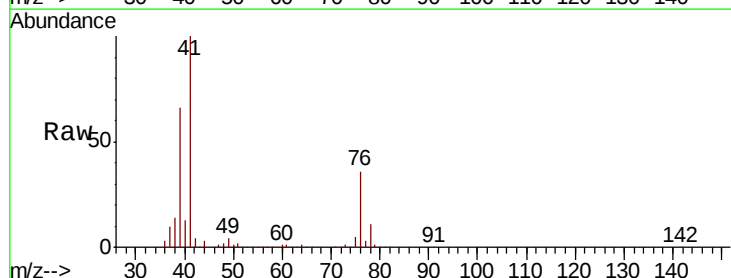
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC020

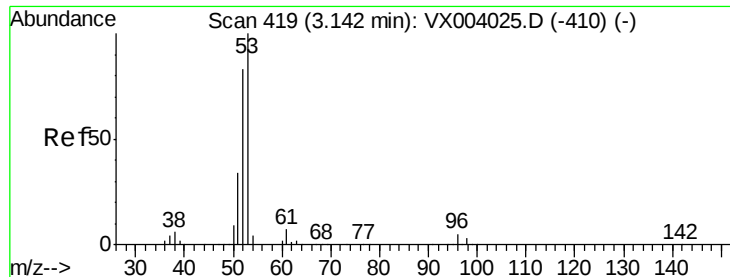
Tgt Ion: 56 Resp: 59742  
 Ion Ratio Lower Upper  
 56 100  
 55 70.3 56.1 84.1



#14  
 Allyl chloride  
 Concen: 19.375 ug/l  
 RT: 2.73 min Scan# 351  
 Delta R.T. 0.00 min  
 Lab File: VX004024.D  
 Acq: 14 Aug 2018 11:34

Tgt Ion: 41 Resp: 121019  
 Ion Ratio Lower Upper  
 41 100  
 39 61.1 47.4 71.0  
 76 33.1 26.0 39.0





#15

Acrylonitrile

Concen: 97.623 ug/l

RT: 3.14 min Scan# 419

Delta R.T. 0.00 min

Lab File: VX004024.D

Acq: 14 Aug 2018 11:34

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC020

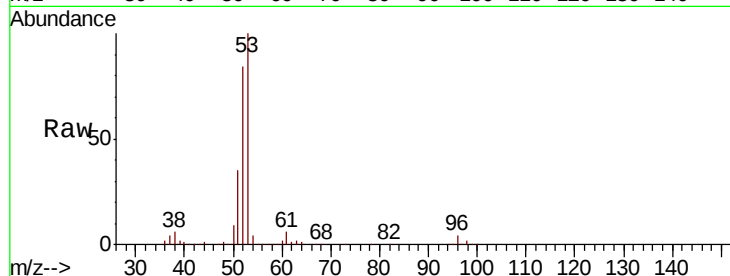
Tgt Ion: 53 Resp: 215501

Ion Ratio Lower Upper

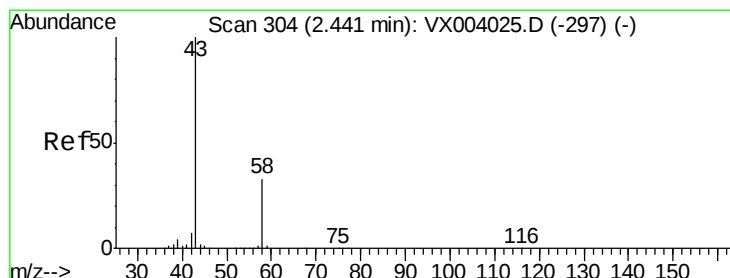
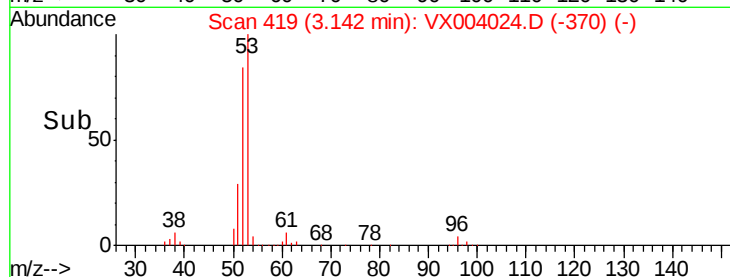
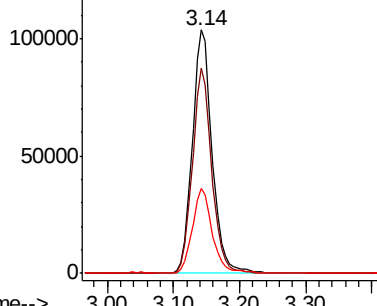
53 100

52 81.8 65.3 97.9

51 35.1 27.9 41.9



Abundance Ion 53.00 (52.70 to 53.70): VX0  
Ion 52.00 (51.70 to 52.70): VX0  
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 98.131 ug/l

RT: 2.43 min Scan# 303

Delta R.T. -0.01 min

Lab File: VX004024.D

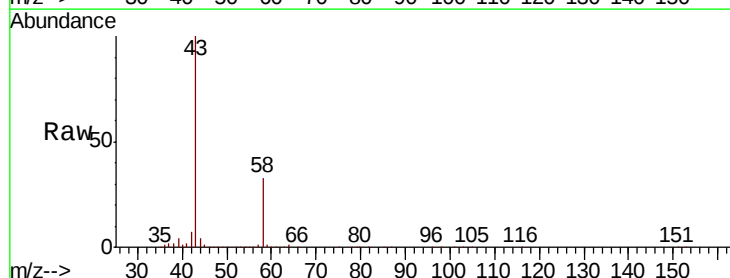
Acq: 14 Aug 2018 11:34

Tgt Ion: 43 Resp: 224317

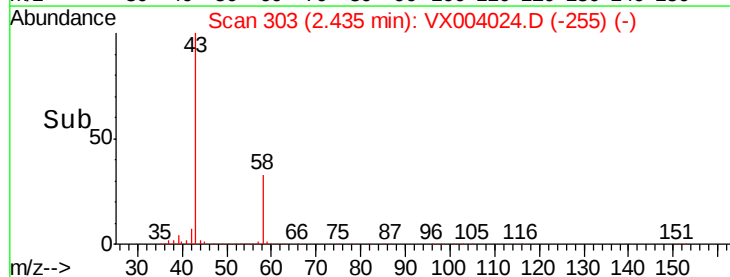
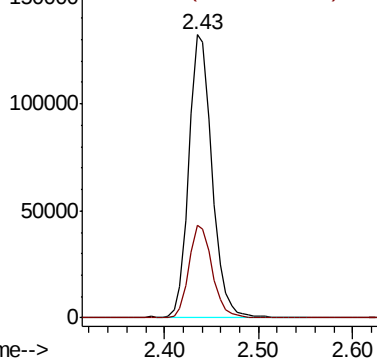
Ion Ratio Lower Upper

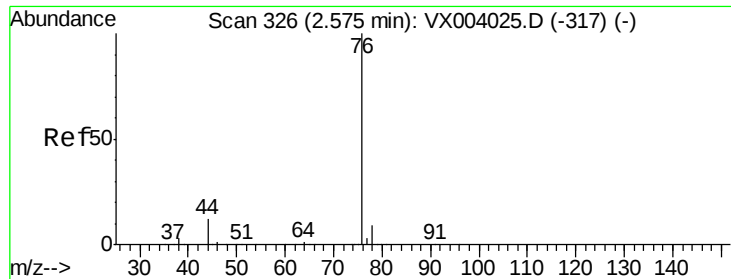
43 100

58 32.5 26.4 39.6



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

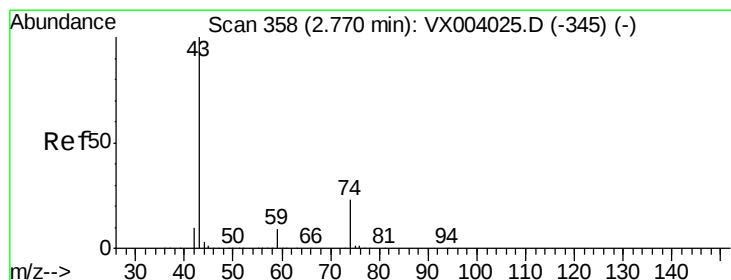
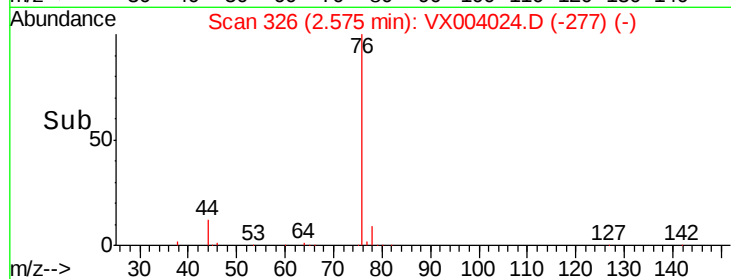
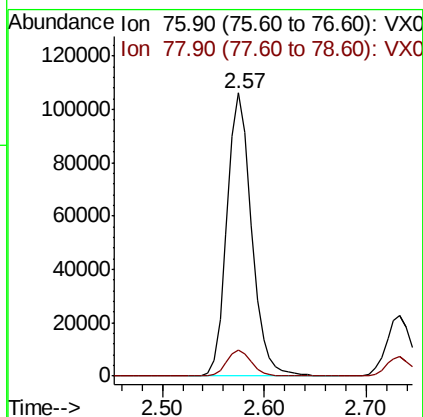
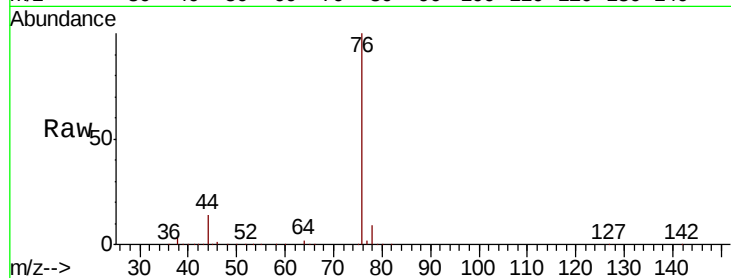




#17  
Carbon Disulfide  
Concen: 19.049 ug/l  
RT: 2.57 min Scan# 326  
Delta R.T. 0.00 min  
Lab File: VX004024.D  
Acq: 14 Aug 2018 11:34

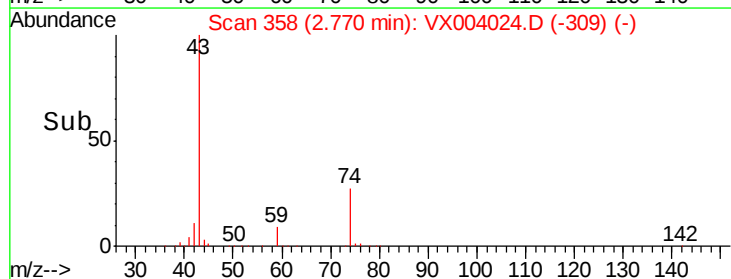
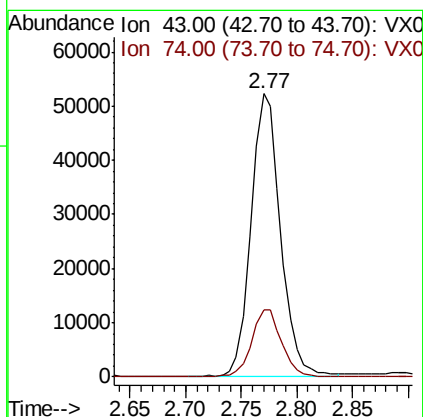
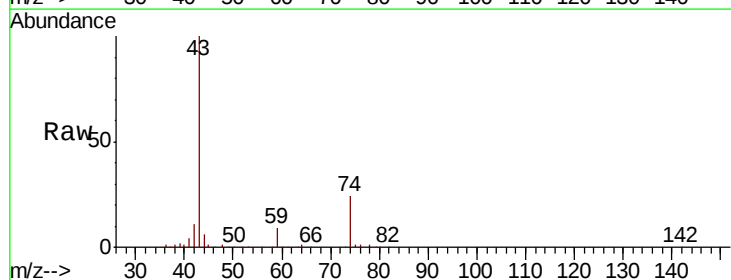
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

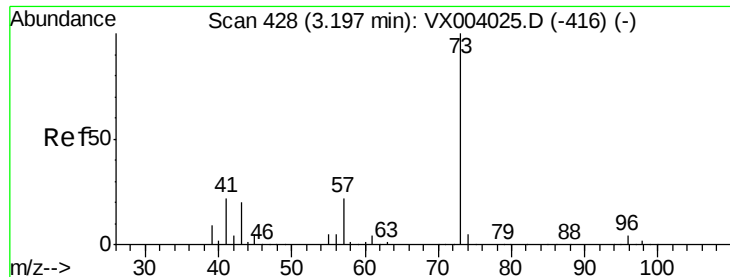
Tgt Ion: 76 Resp: 177363  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.5 11.3



#18  
Methyl Acetate  
Concen: 18.874 ug/l  
RT: 2.77 min Scan# 358  
Delta R.T. 0.00 min  
Lab File: VX004024.D  
Acq: 14 Aug 2018 11:34

Tgt Ion: 43 Resp: 95874  
Ion Ratio Lower Upper  
43 100  
74 24.4 18.9 28.3

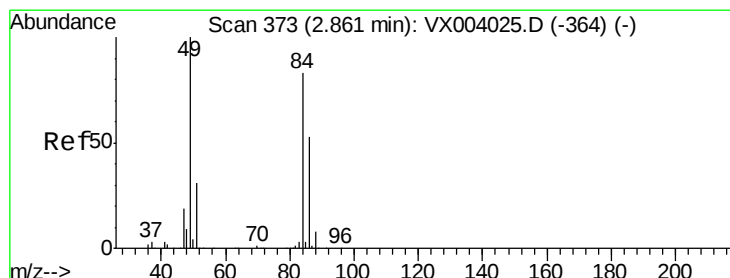
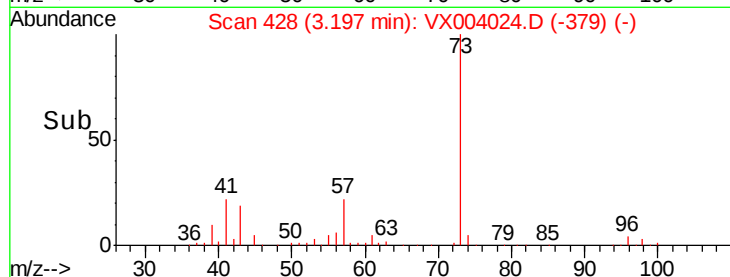
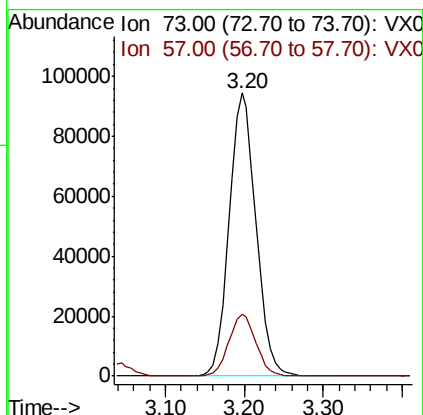
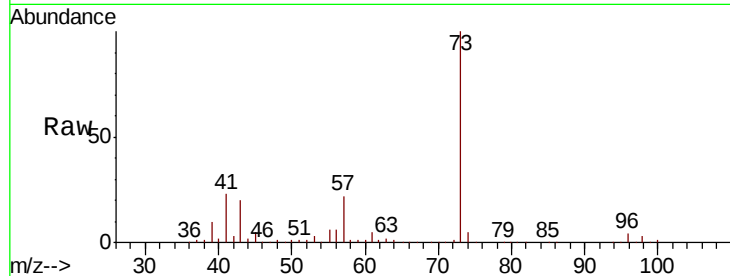




#19  
Methyl tert-butyl Ether  
Concen: 19.258 ug/l  
RT: 3.20 min Scan# 428  
Delta R.T. 0.00 min  
Lab File: VX004024.D  
Acq: 14 Aug 2018 11:34

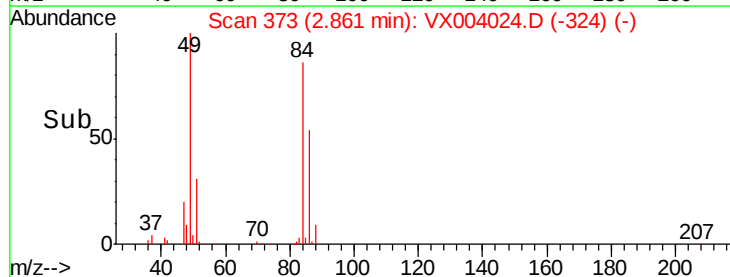
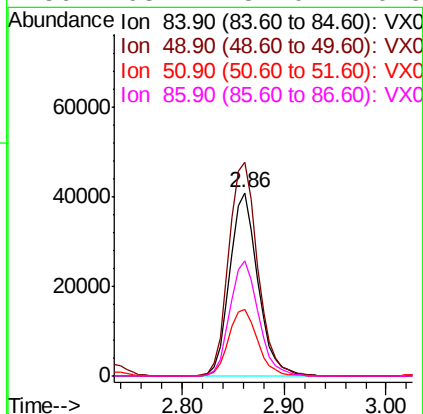
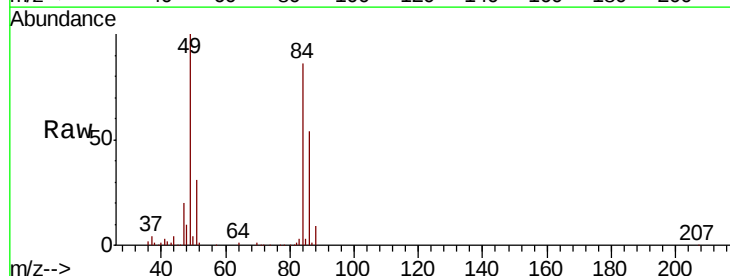
Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDIC020

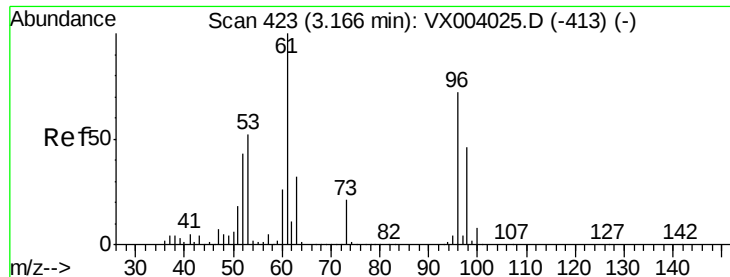
Tgt Ion: 73 Resp: 222735  
Ion Ratio Lower Upper  
73 100  
57 21.8 18.0 27.0



#20  
Methylene Chloride  
Concen: 20.441 ug/l  
RT: 2.86 min Scan# 373  
Delta R.T. 0.00 min  
Lab File: VX004024.D  
Acq: 14 Aug 2018 11:34

Tgt Ion: 84 Resp: 77712  
Ion Ratio Lower Upper  
84 100  
49 116.6 98.9 148.3  
51 36.2 29.9 44.9  
86 63.2 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 19.409 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX004024.D

Acq: 14 Aug 2018 11:34

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC020

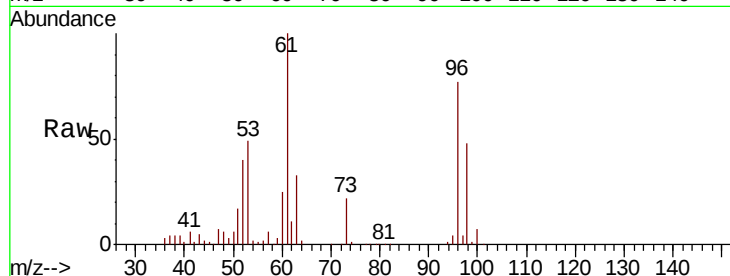
Tgt Ion: 96 Resp: 72361

Ion Ratio Lower Upper

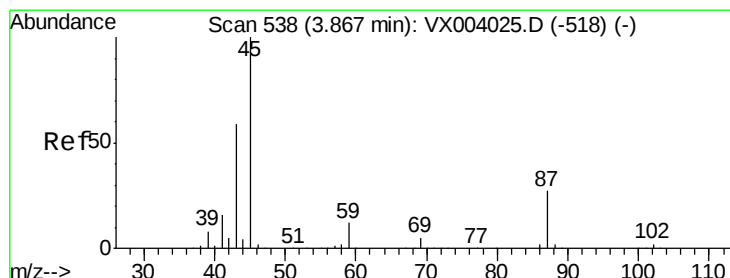
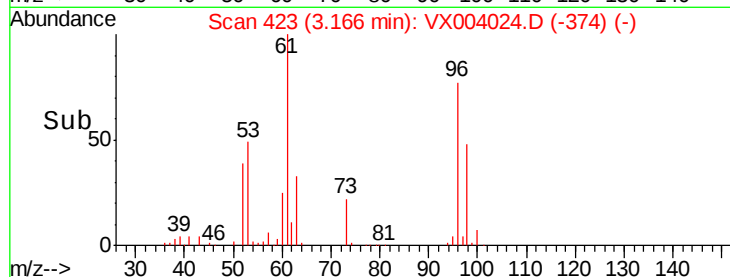
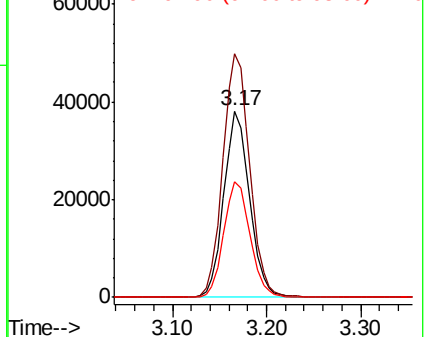
96 100

61 130.6 111.8 167.6

98 62.1 51.8 77.6



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



#22

Diisopropyl ether

Concen: 19.300 ug/l

RT: 3.87 min Scan# 538

Delta R.T. 0.00 min

Lab File: VX004024.D

Acq: 14 Aug 2018 11:34

Tgt Ion: 45 Resp: 236229

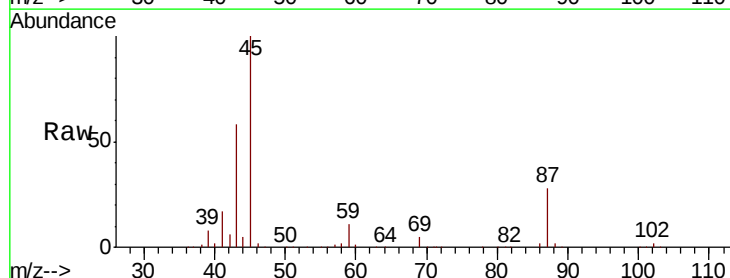
Ion Ratio Lower Upper

45 100

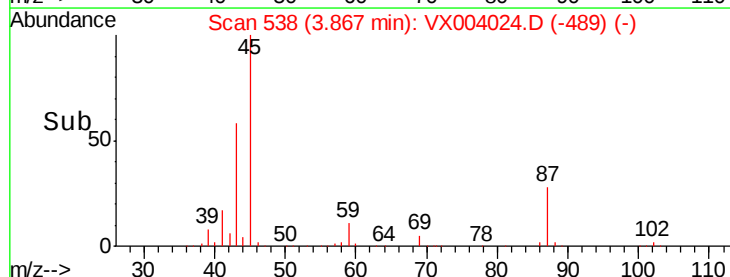
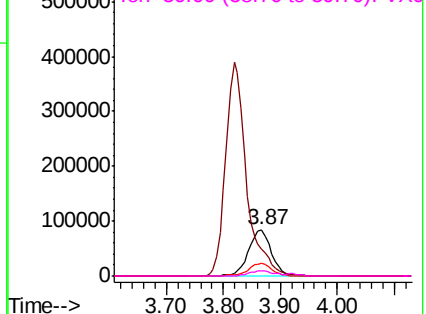
43 57.6 45.3 67.9

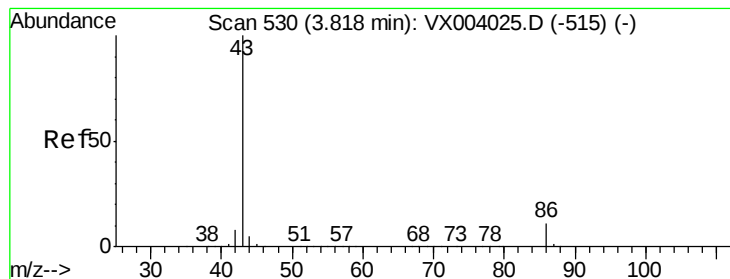
87 27.5 22.7 34.1

59 11.4 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VX0  
Ion 43.00 (42.70 to 43.70): VX0  
Ion 87.00 (86.70 to 87.70): VX0  
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 99.242 ug/l

RT: 3.82 min Scan# 530

Delta R.T. 0.00 min

Lab File: VX004024.D

Acq: 14 Aug 2018 11:34

Instrument :

MSVOA\_X

ClientSampleId :

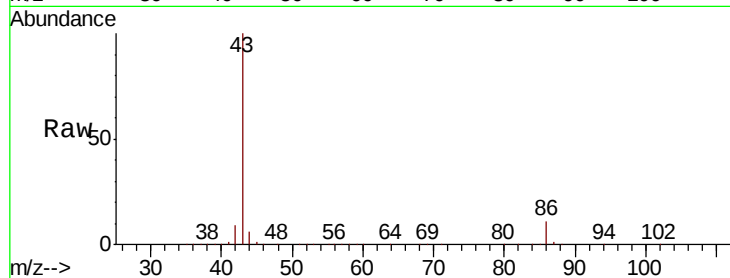
VSTDIC020

Tgt Ion: 43 Resp: 997670

Ion Ratio Lower Upper

43 100

86 10.8 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

400000

300000

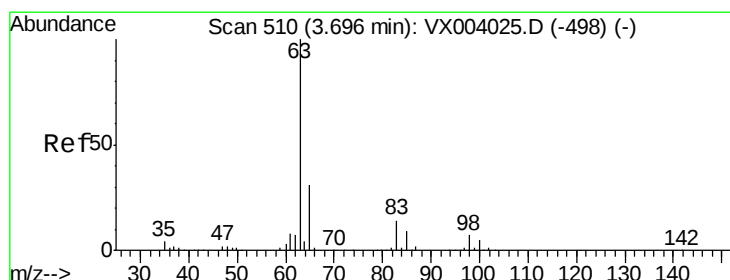
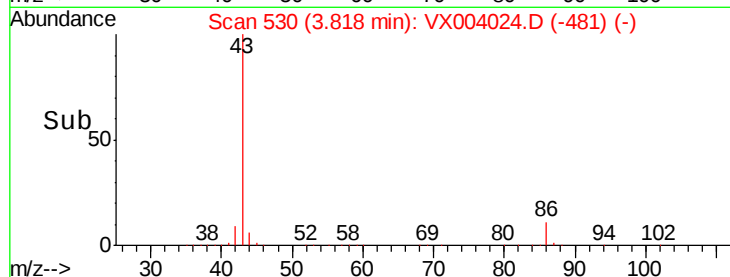
200000

100000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 19.446 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX004024.D

Acq: 14 Aug 2018 11:34

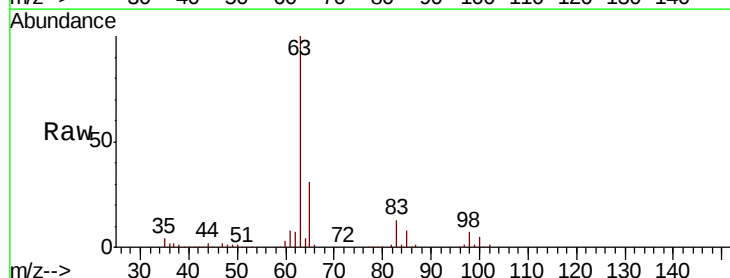
Tgt Ion: 63 Resp: 134815

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

100 4.8 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

60000

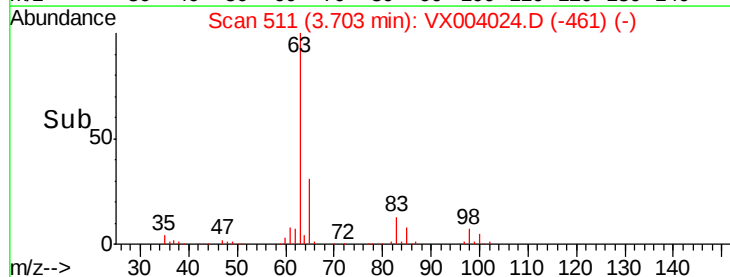
40000

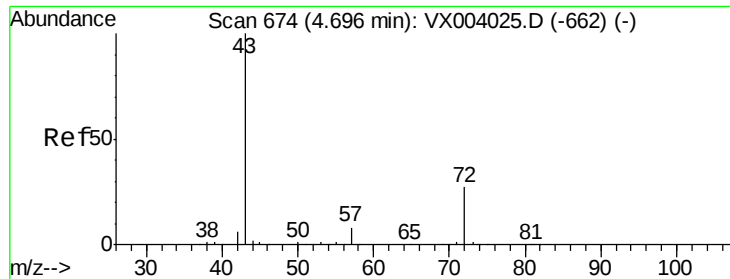
20000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 98.428 ug/l

RT: 4.69 min Scan# 673

Delta R.T. -0.01 min

Lab File: VX004024.D

Acq: 14 Aug 2018 11:34

Instrument :

MSVOA\_X

ClientSampleId :

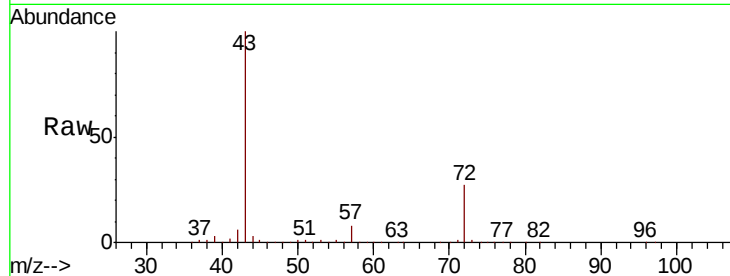
VSTDIC020

Tgt Ion: 43 Resp: 366086

Ion Ratio Lower Upper

43 100

72 26.5 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VX004024.D (-662) (-)

Ion 72.00 (71.70 to 72.70): VX004024.D (-662) (-)

4.69

150000

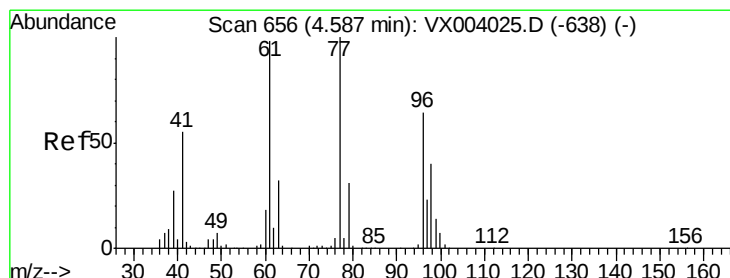
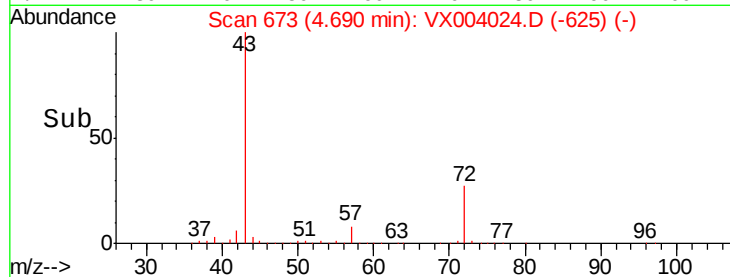
100000

50000

0

Time-->

4.60 4.70 4.80



#26

2,2-Dichloropropane

Concen: 19.342 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX004024.D

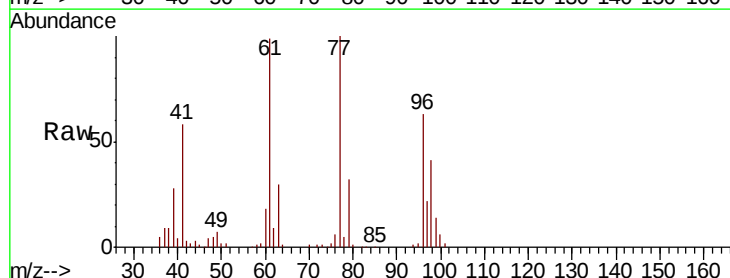
Acq: 14 Aug 2018 11:34

Tgt Ion: 77 Resp: 106606

Ion Ratio Lower Upper

77 100

97 23.2 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VX004024.D (-638) (-)

Ion 96.90 (96.60 to 97.60): VX004024.D (-638) (-)

4.59

40000

30000

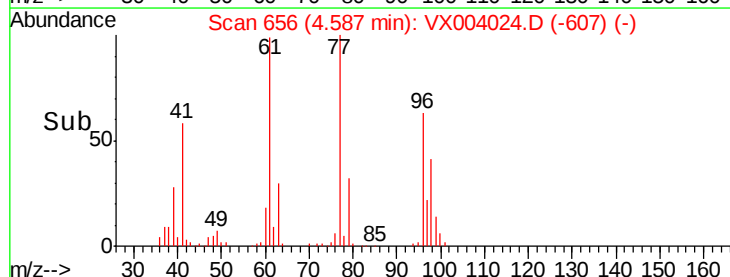
20000

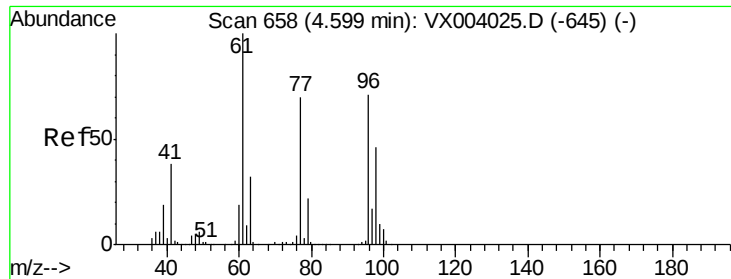
10000

0

Time-->

4.40 4.50 4.60 4.70



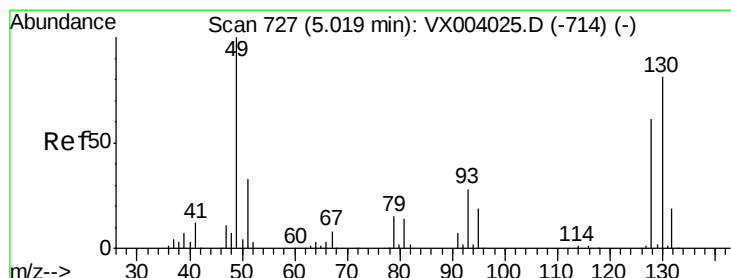
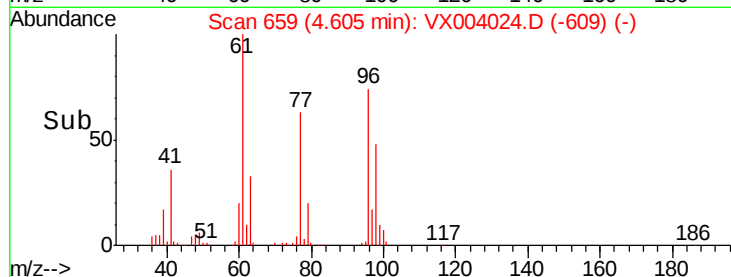
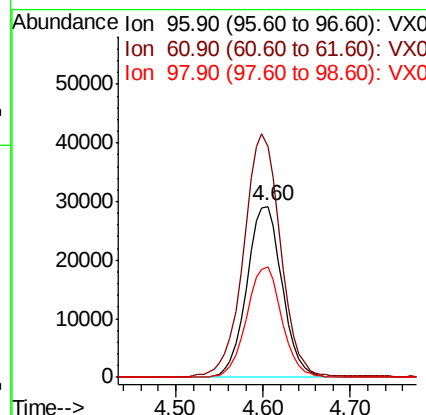
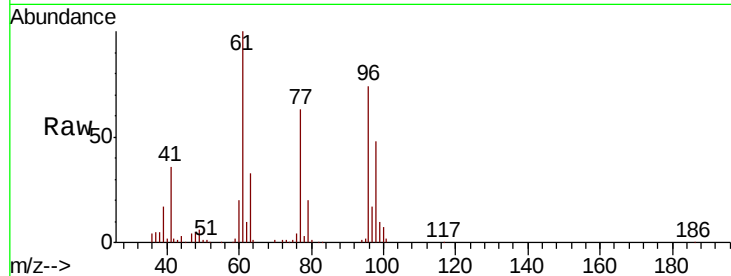


#27

cis-1,2-Dichloroethene  
 Concen: 19.481 ug/l  
 RT: 4.60 min Scan# 659  
 Delta R.T. 0.01 min  
 Lab File: VX004024.D  
 Acq: 14 Aug 2018 11:34

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC020

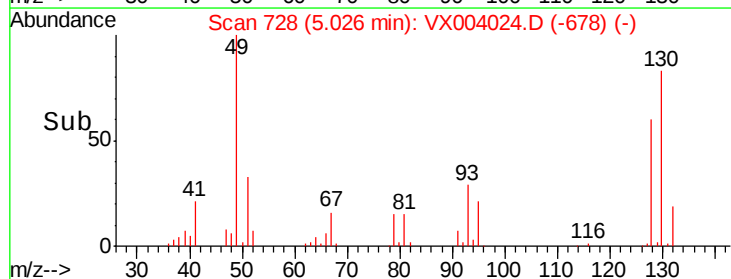
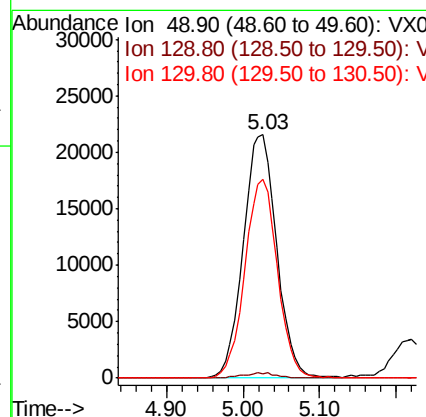
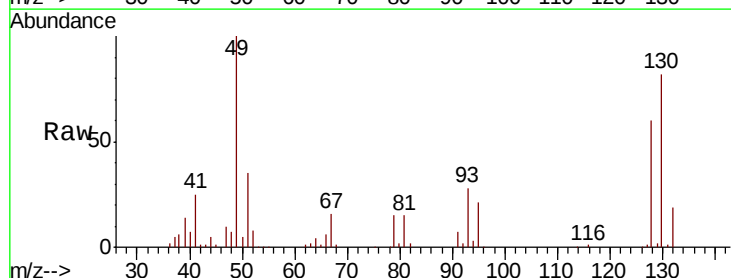
Tgt Ion: 96 Resp: 81669  
 Ion Ratio Lower Upper  
 96 100  
 61 149.9 0.0 293.0  
 98 64.7 0.0 131.8

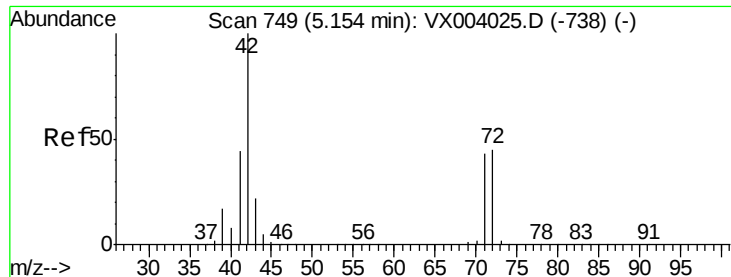


#28

Bromochloromethane  
 Concen: 20.591 ug/l  
 RT: 5.03 min Scan# 728  
 Delta R.T. 0.01 min  
 Lab File: VX004024.D  
 Acq: 14 Aug 2018 11:34

Tgt Ion: 49 Resp: 65493  
 Ion Ratio Lower Upper  
 49 100  
 129 2.1 0.0 4.2  
 130 79.6 66.5 99.7





#29

Tetrahydrofuran

Concen: 95.940 ug/l

RT: 5.15 min Scan# 749

Delta R.T. 0.00 min

Lab File: VX004024.D

Acq: 14 Aug 2018 11:34

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC020

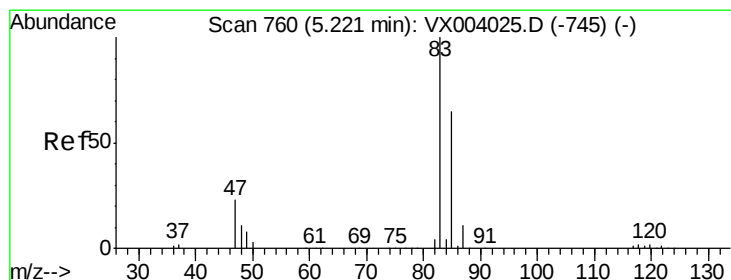
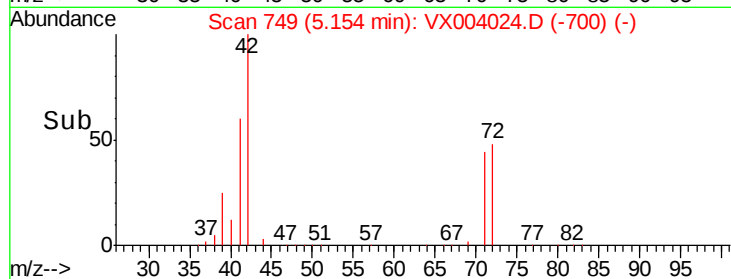
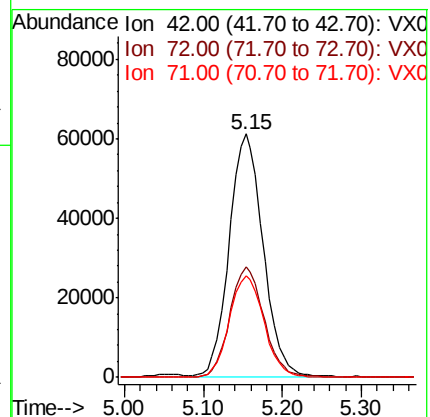
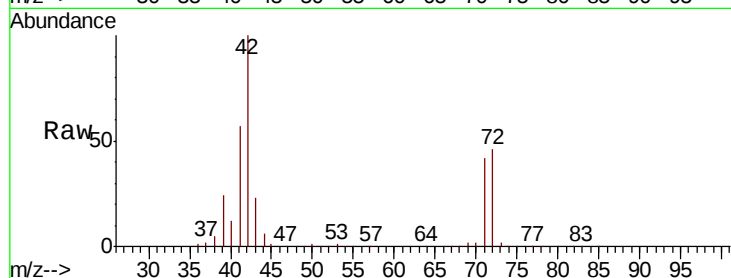
Tgt Ion: 42 Resp: 182310

Ion Ratio Lower Upper

42 100

72 46.1 37.7 56.5

71 42.9 35.0 52.6



#30

Chloroform

Concen: 19.582 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX004024.D

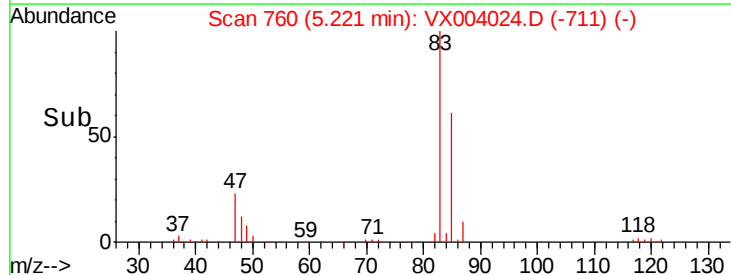
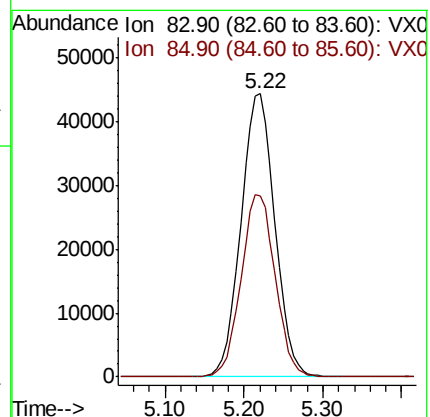
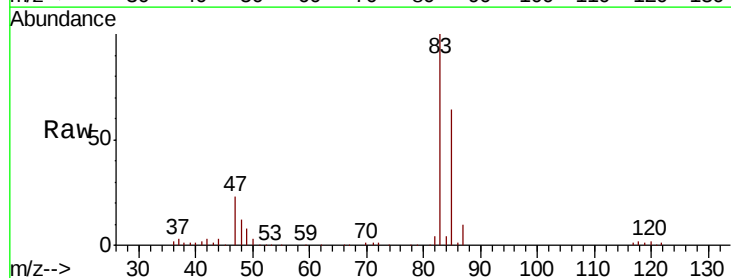
Acq: 14 Aug 2018 11:34

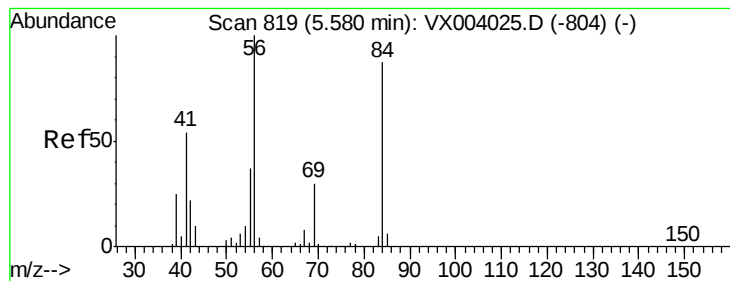
Tgt Ion: 83 Resp: 132493

Ion Ratio Lower Upper

83 100

85 63.8 50.7 76.1





#31

Cyclohexane

Concen: 18.943 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX004024.D

Acq: 14 Aug 2018 11:34

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC020

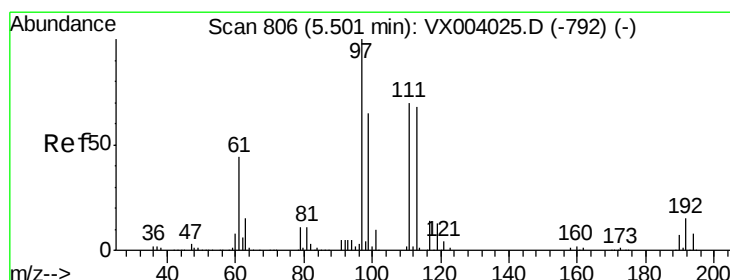
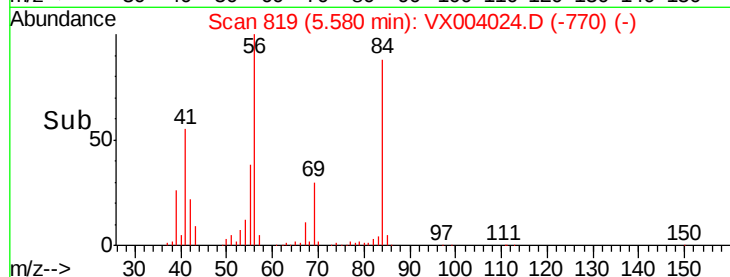
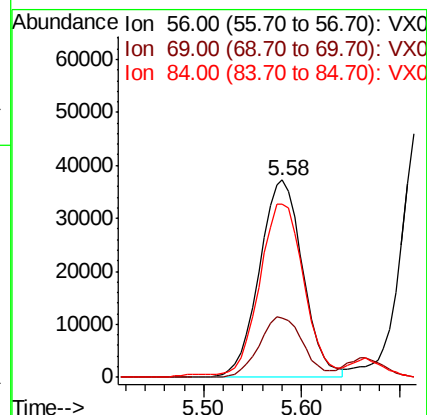
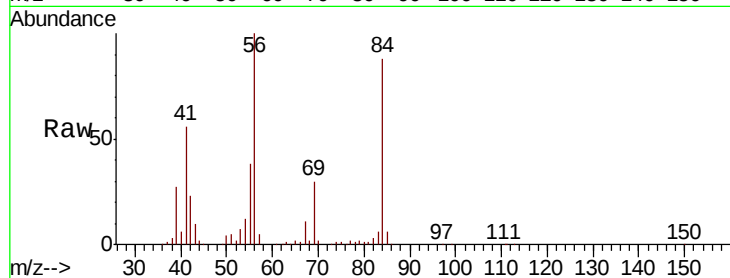
Tgt Ion: 56 Resp: 115126

Ion Ratio Lower Upper

56 100

69 30.1 24.9 37.3

84 86.1 71.7 107.5



#32

1,1,1-Trichloroethane

Concen: 19.638 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004024.D

Acq: 14 Aug 2018 11:34

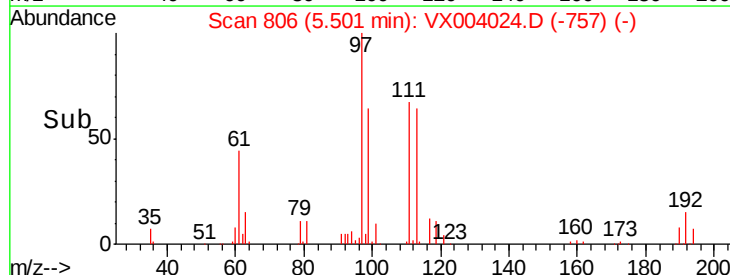
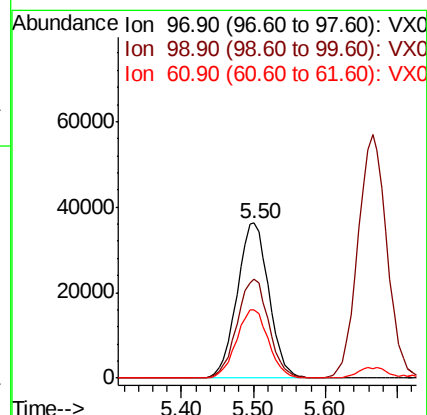
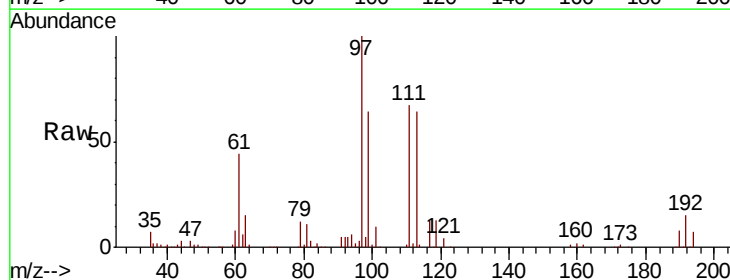
Tgt Ion: 97 Resp: 111032

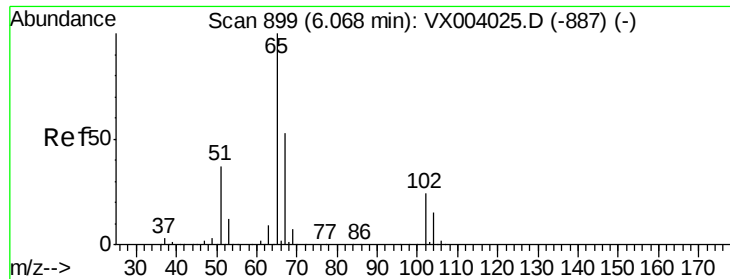
Ion Ratio Lower Upper

97 100

99 63.9 51.8 77.8

61 44.6 34.4 51.6

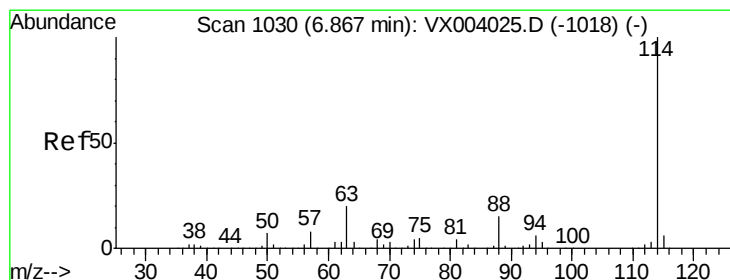
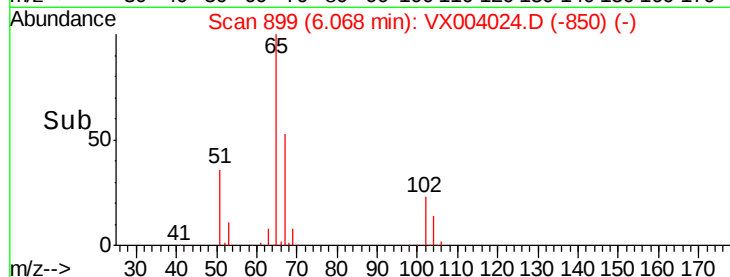
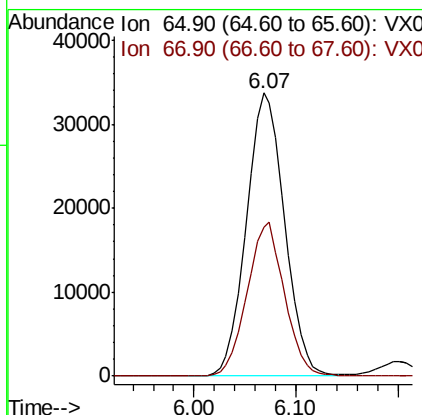
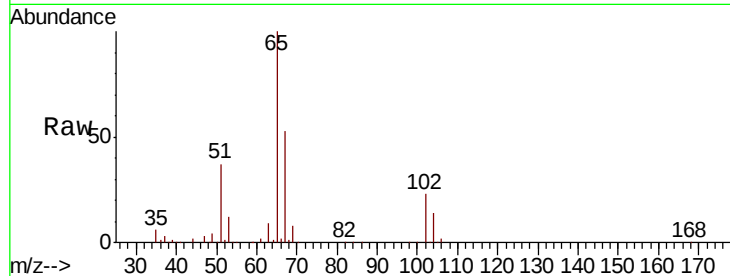




#33  
 1,2-Dichloroethane-d4  
 Concen: 19.955 ug/l  
 RT: 6.07 min Scan# 899  
 Delta R.T. 0.00 min  
 Lab File: VX004024.D  
 Acq: 14 Aug 2018 11:34

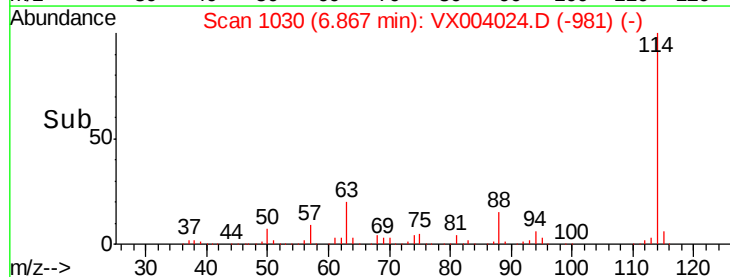
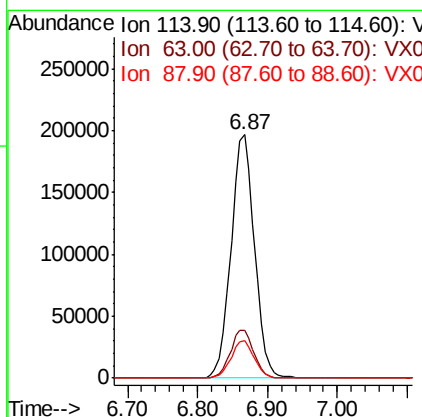
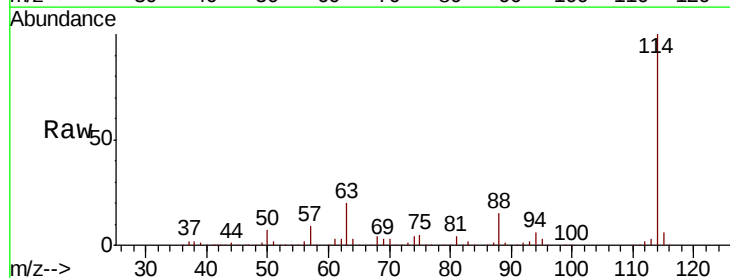
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC020

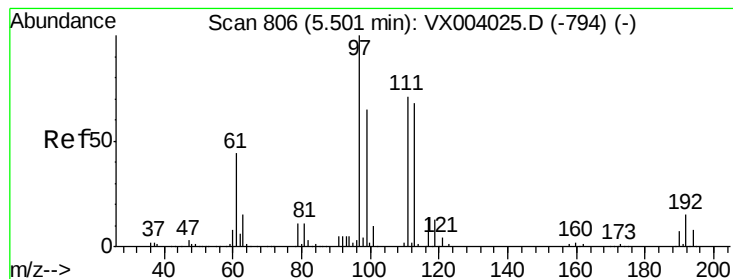
Tgt Ion: 65 Resp: 87735  
 Ion Ratio Lower Upper  
 65 100  
 67 53.1 0.0 105.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.87 min Scan# 1030  
 Delta R.T. 0.00 min  
 Lab File: VX004024.D  
 Acq: 14 Aug 2018 11:34

Tgt Ion: 114 Resp: 457210  
 Ion Ratio Lower Upper  
 114 100  
 63 19.6 0.0 39.0  
 88 15.4 0.0 32.0





#35

Dibromofluoromethane

Concen: 19.852 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX004024.D

Acq: 14 Aug 2018 11:34

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC020

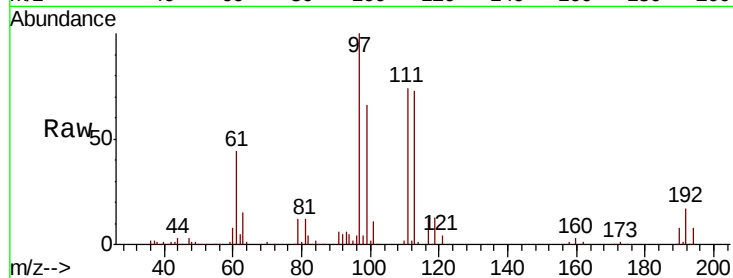
Tgt Ion:113 Resp: 67931

Ion Ratio Lower Upper

113 100

111 102.1 82.0 123.0

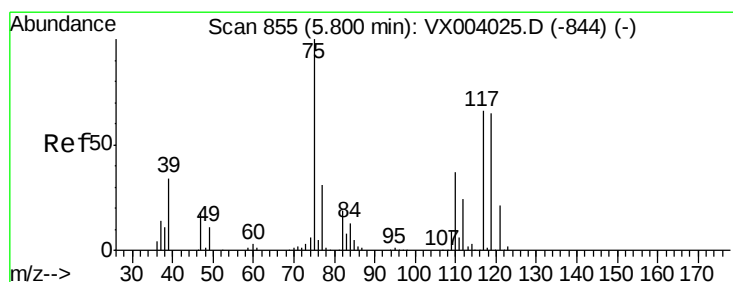
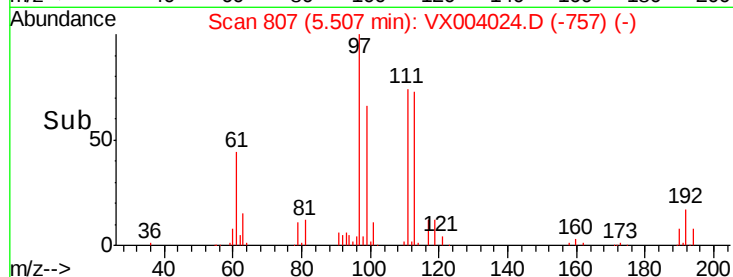
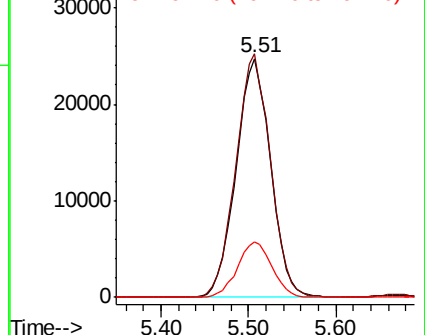
192 23.3 19.0 28.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.570 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.01 min

Lab File: VX004024.D

Acq: 14 Aug 2018 11:34

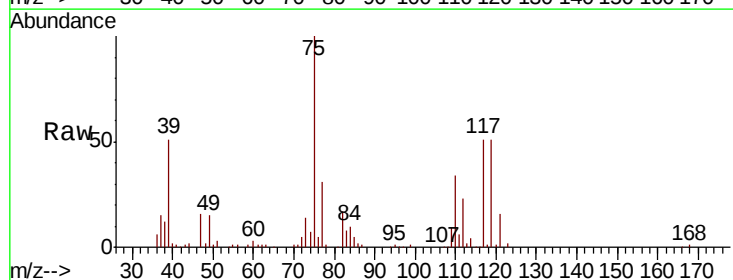
Tgt Ion: 75 Resp: 101818

Ion Ratio Lower Upper

75 100

110 35.7 18.2 54.6

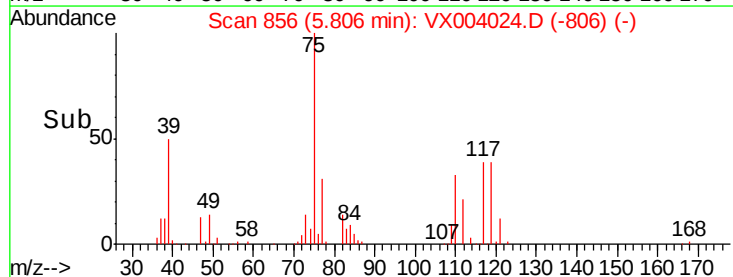
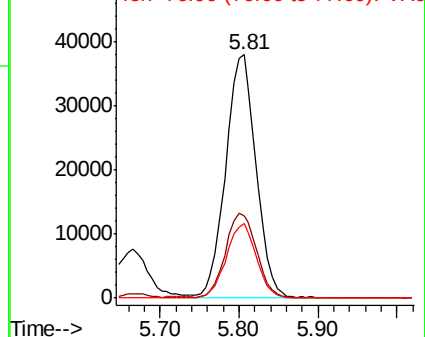
77 29.9 25.0 37.4

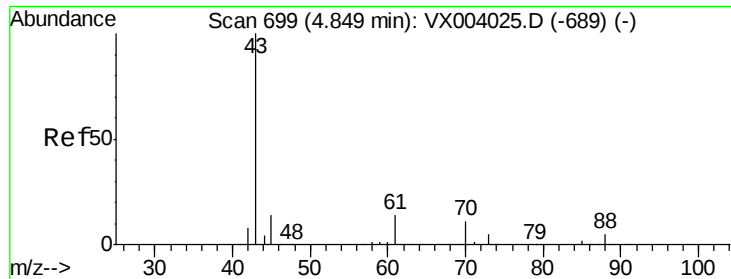


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

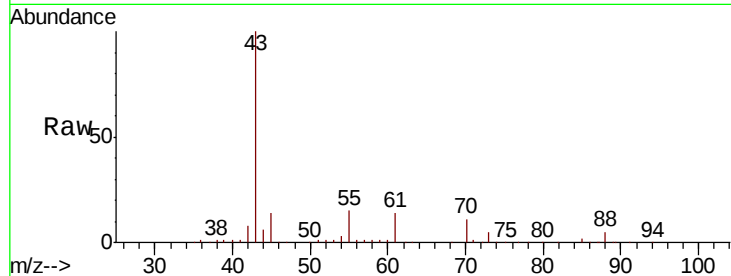




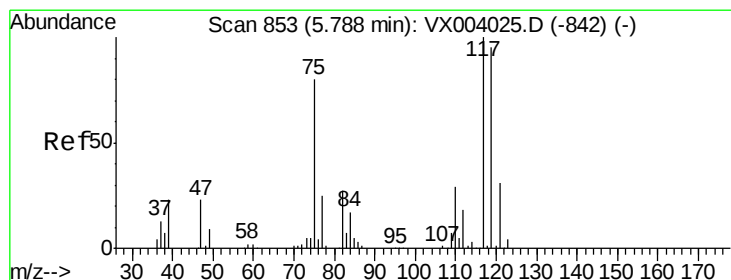
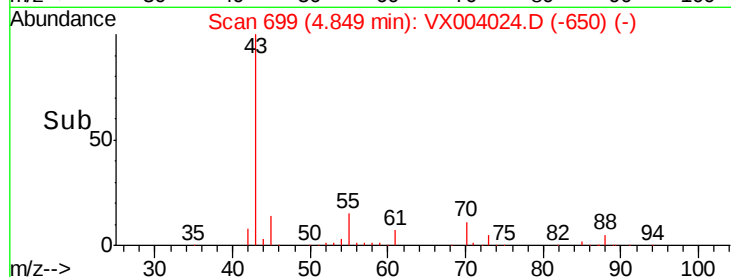
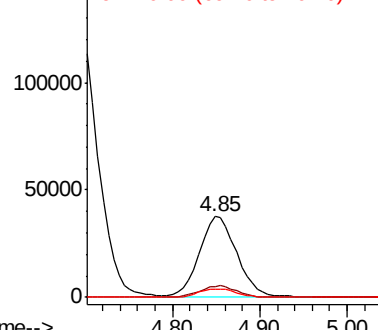
#37  
Ethyl Acetate  
Concen: 19.551 ug/l  
RT: 4.85 min Scan# 699  
Delta R.T. 0.00 min  
Lab File: VX004024.D  
Acq: 14 Aug 2018 11:34

Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDIC020

Tgt Ion: 43 Resp: 110769  
Ion Ratio Lower Upper  
43 100  
61 14.0 11.5 17.3  
70 11.2 9.0 13.4

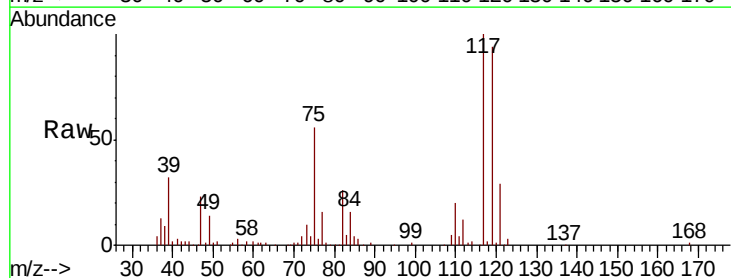


Abundance Ion 43.00 (42.70 to 43.70): VX0  
Ion 60.90 (60.60 to 61.60): VX0  
Ion 70.00 (69.70 to 70.70): VX0

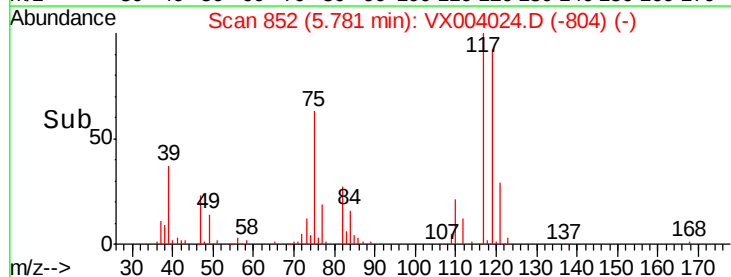
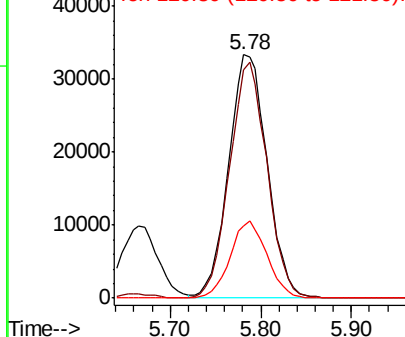


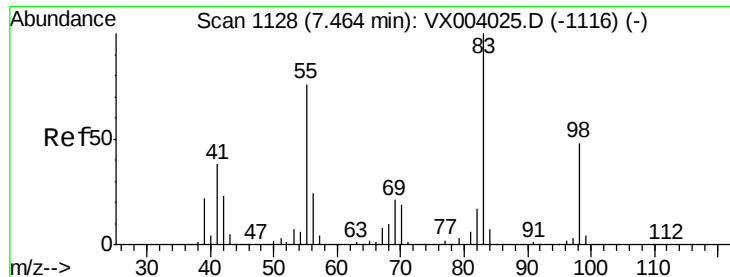
#38  
Carbon Tetrachloride  
Concen: 19.400 ug/l  
RT: 5.78 min Scan# 852  
Delta R.T. -0.01 min  
Lab File: VX004024.D  
Acq: 14 Aug 2018 11:34

Tgt Ion: 117 Resp: 98061  
Ion Ratio Lower Upper  
117 100  
119 93.4 79.5 119.3  
121 29.4 25.0 37.4



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

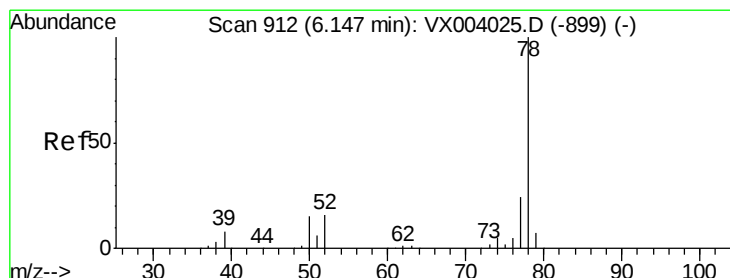
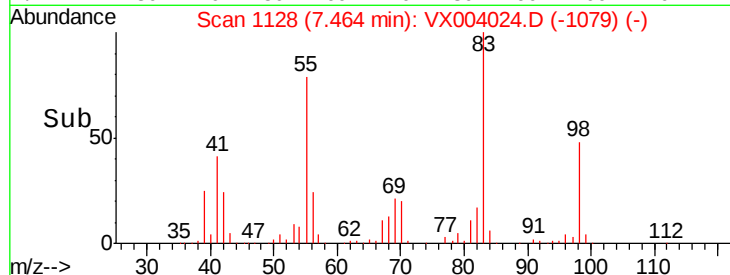
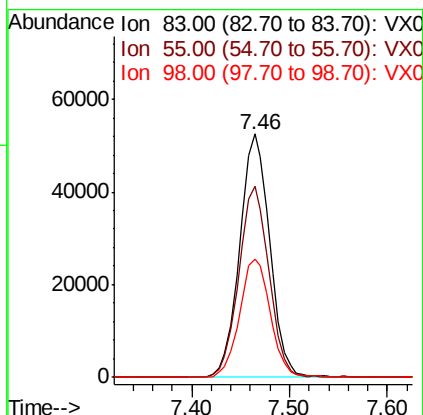
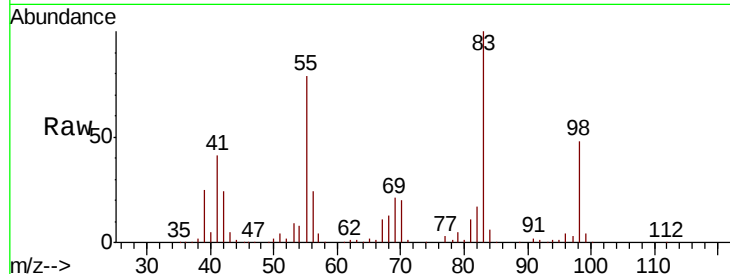




#39  
Methylcyclohexane  
Concen: 18.972 ug/l  
RT: 7.46 min Scan# 1128  
Delta R.T. 0.00 min  
Lab File: VX004024.D  
Acq: 14 Aug 2018 11:34

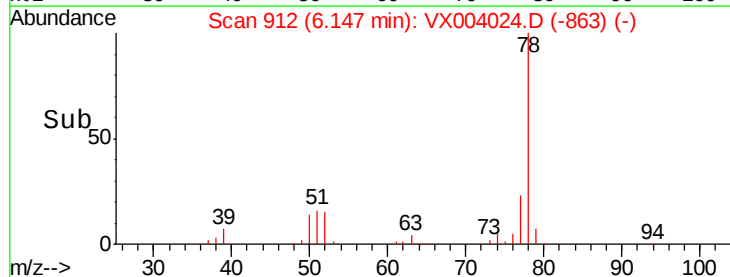
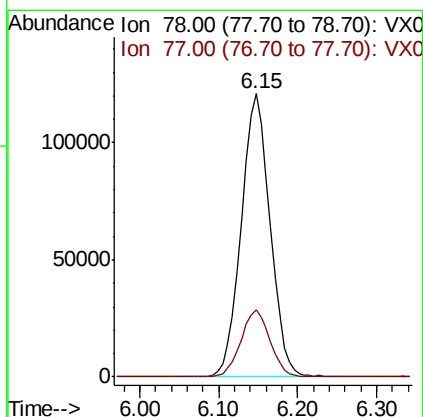
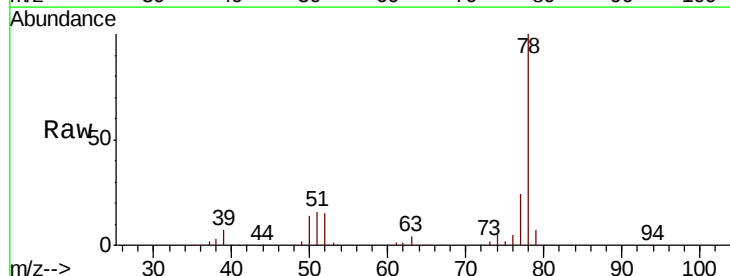
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

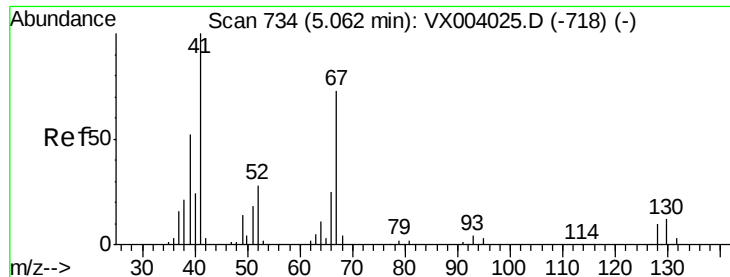
Tgt Ion: 83 Resp: 111977  
Ion Ratio Lower Upper  
83 100  
55 78.8 61.0 91.6  
98 48.3 38.6 57.8



#40  
Benzene  
Concen: 19.676 ug/l  
RT: 6.15 min Scan# 912  
Delta R.T. 0.00 min  
Lab File: VX004024.D  
Acq: 14 Aug 2018 11:34

Tgt Ion: 78 Resp: 307381  
Ion Ratio Lower Upper  
78 100  
77 23.8 19.0 28.4





#41

Methacrylonitrile

Concen: 19.179 ug/l

RT: 5.06 min Scan# 733

Delta R.T. -0.01 min

Lab File: VX004024.D

Acq: 14 Aug 2018 11:34

Instrument :

MSVOA\_X

ClientSampled :

VSTDIC020

Tgt Ion: 41 Resp: 60855

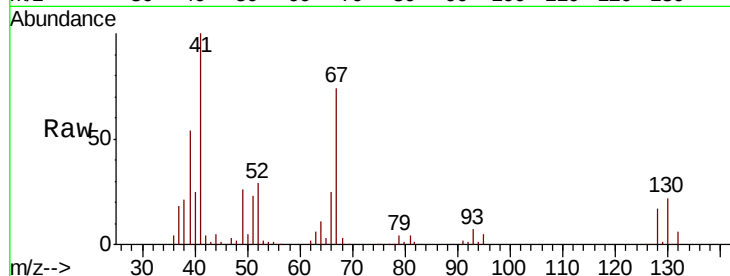
Ion Ratio Lower Upper

41 100

39 52.8 42.7 64.1

67 74.0 58.9 88.3

52 30.9 22.6 33.8

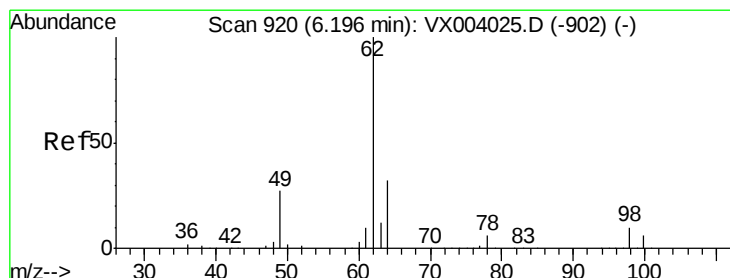
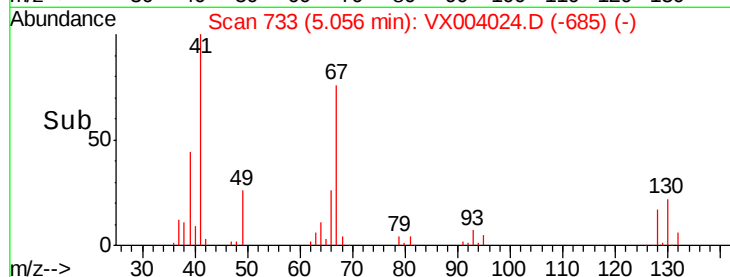
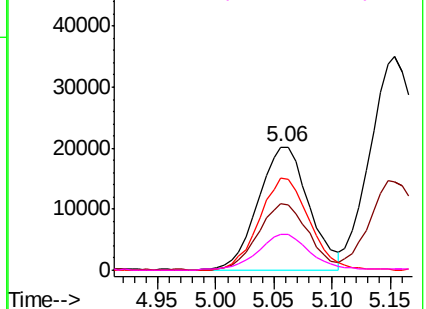


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.772 ug/l

RT: 6.20 min Scan# 921

Delta R.T. 0.01 min

Lab File: VX004024.D

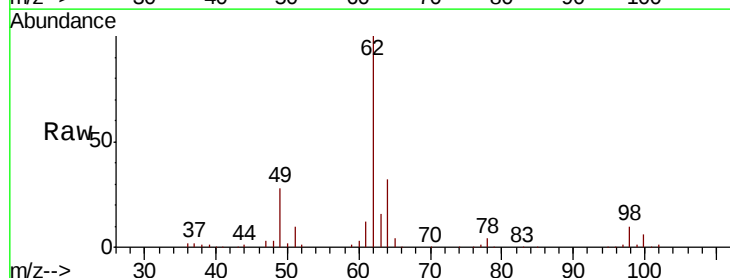
Acq: 14 Aug 2018 11:34

Tgt Ion: 62 Resp: 108126

Ion Ratio Lower Upper

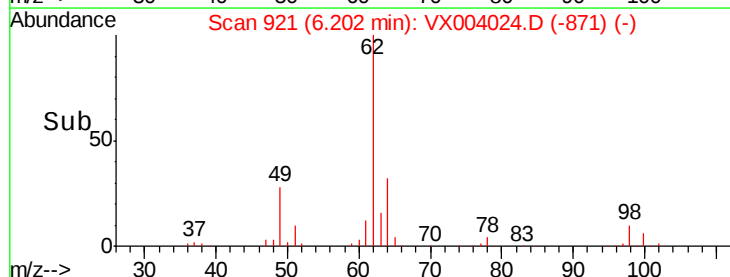
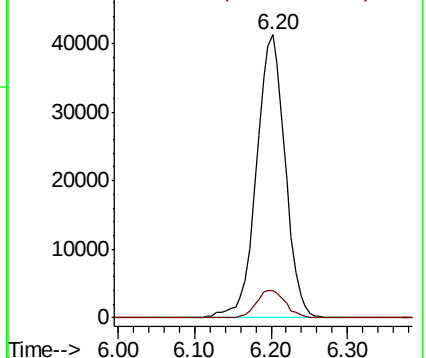
62 100

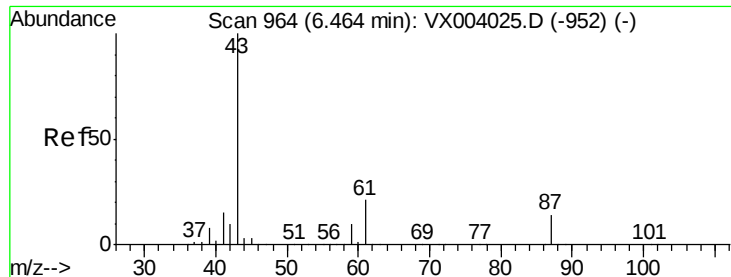
98 9.9 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.230 ug/l

RT: 6.46 min Scan# 964

Delta R.T. 0.00 min

Lab File: VX004024.D

Acq: 14 Aug 2018 11:34

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC020

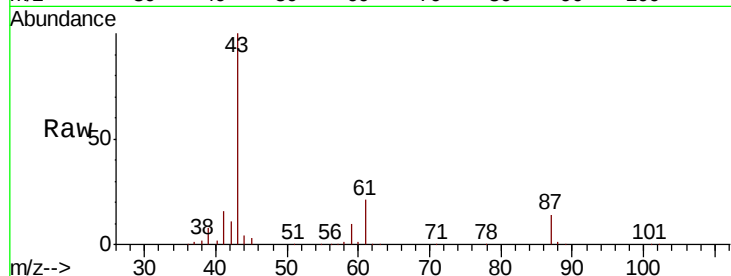
Tgt Ion: 43 Resp: 160592

Ion Ratio Lower Upper

43 100

61 20.6 16.9 25.3

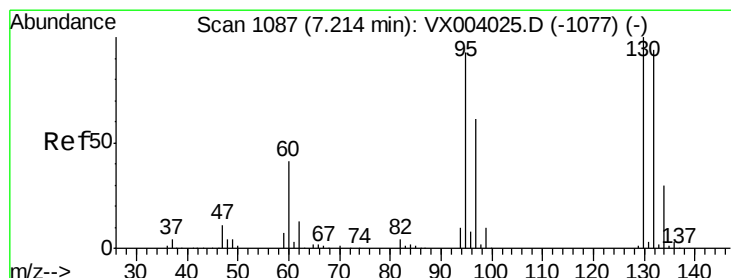
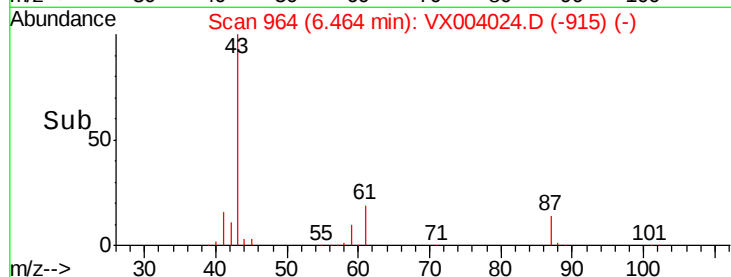
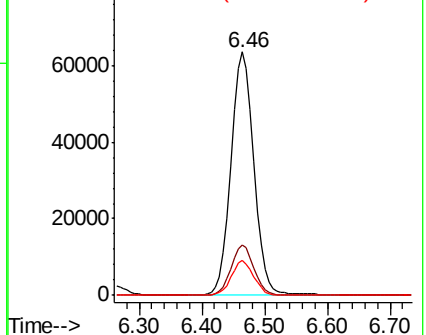
87 13.8 11.3 16.9



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: 19.276 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX004024.D

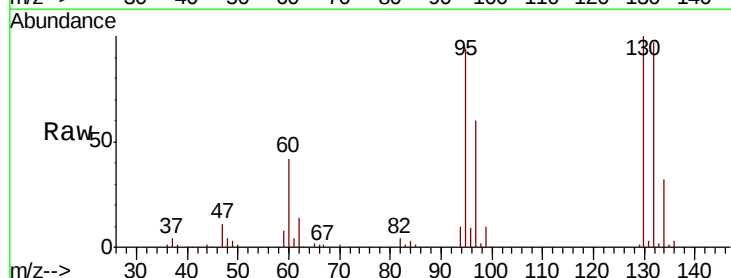
Acq: 14 Aug 2018 11:34

Tgt Ion: 130 Resp: 81753

Ion Ratio Lower Upper

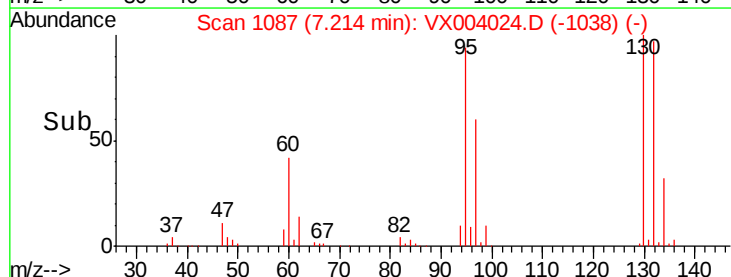
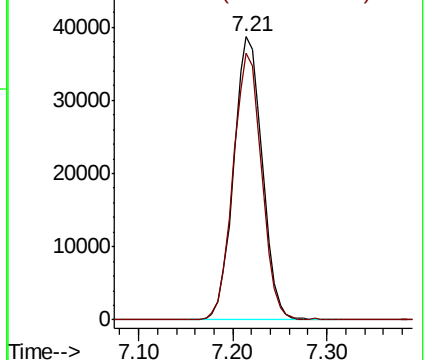
130 100

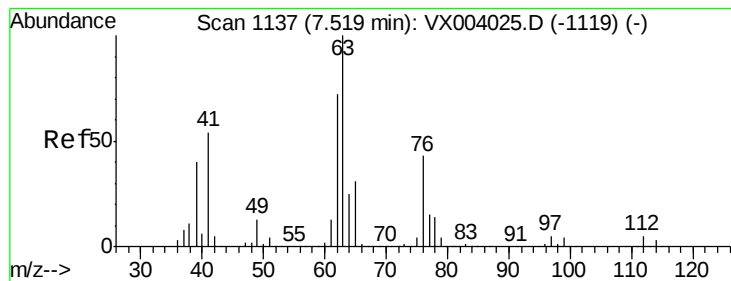
95 94.2 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.698 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX004024.D

Acq: 14 Aug 2018 11:34

Instrument :

MSVOA\_X

ClientSampleId :

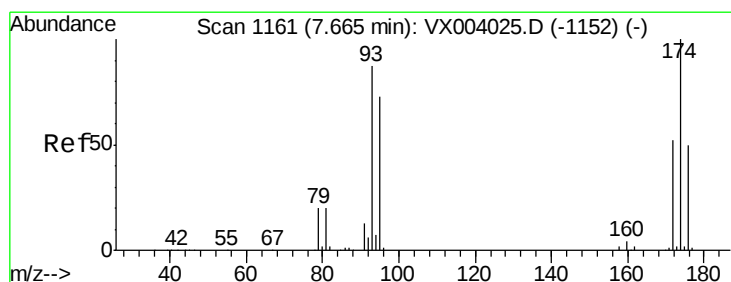
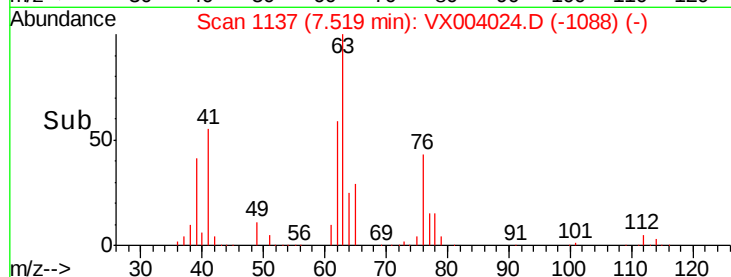
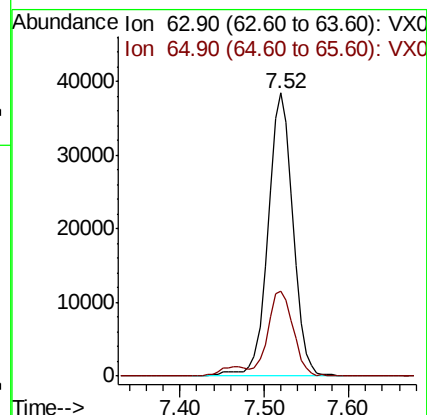
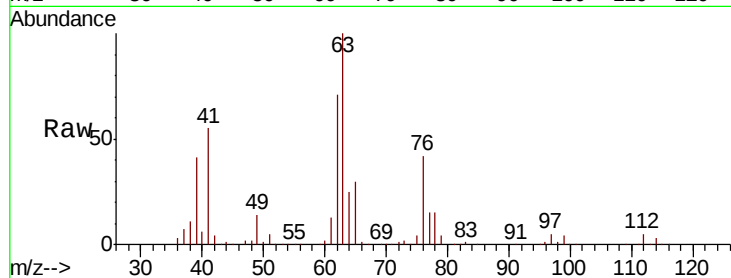
VSTDIC020

Tgt Ion: 63 Resp: 78780

Ion Ratio Lower Upper

63 100

65 30.0 24.6 36.8



#46

Dibromomethane

Concen: 19.647 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX004024.D

Acq: 14 Aug 2018 11:34

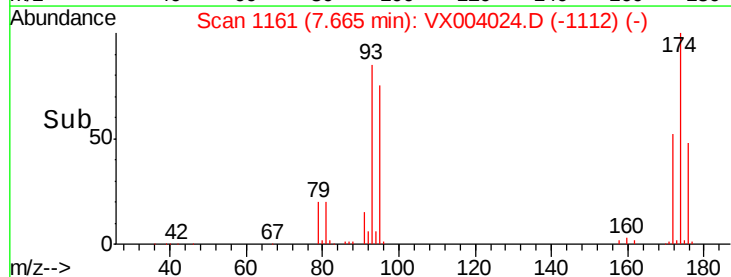
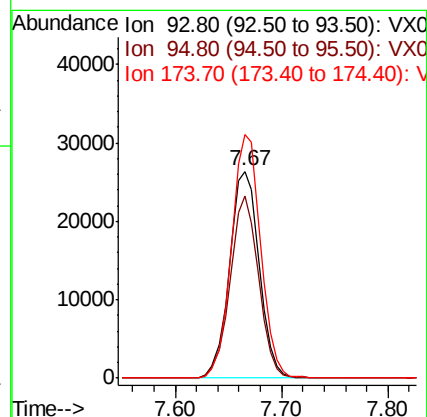
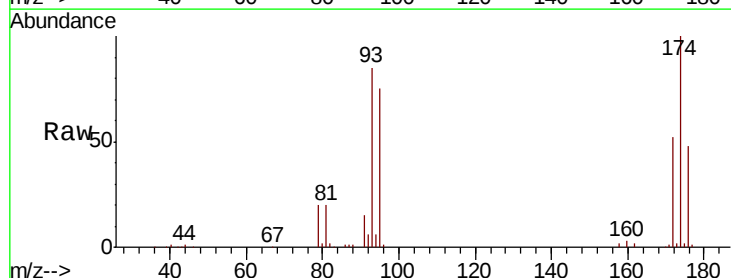
Tgt Ion: 93 Resp: 51350

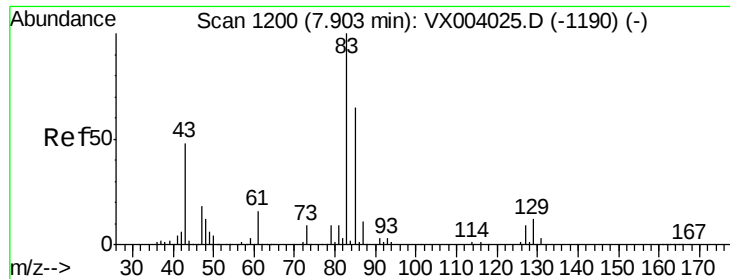
Ion Ratio Lower Upper

93 100

95 84.7 66.4 99.6

174 116.3 94.3 141.5





#47

Bromodichloromethane

Concen: 19.206 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX004024.D

Acq: 14 Aug 2018 11:34

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC020

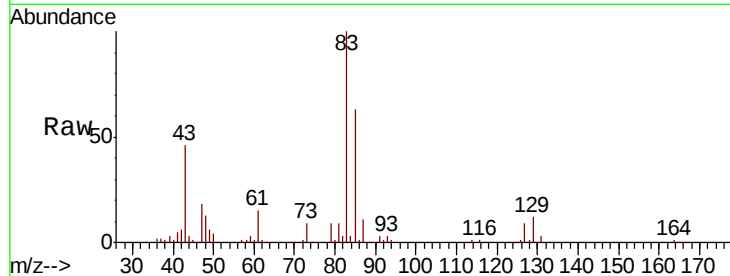
Tgt Ion: 83 Resp: 95071

Ion Ratio Lower Upper

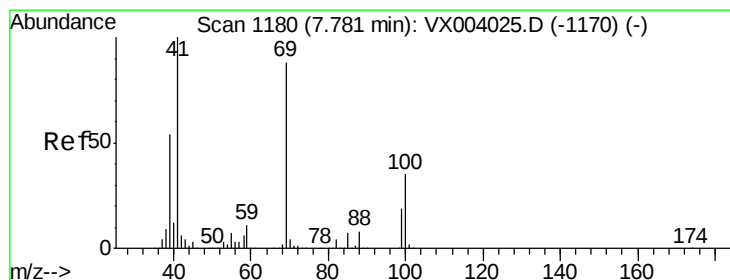
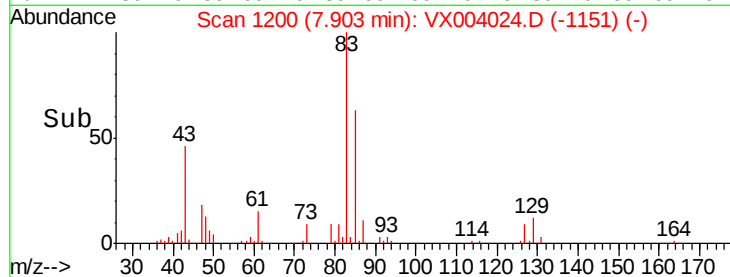
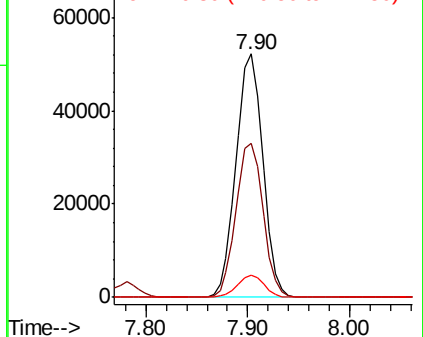
83 100

85 63.0 51.2 76.8

127 9.3 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: 19.636 ug/l

RT: 7.78 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VX004024.D

Acq: 14 Aug 2018 11:34

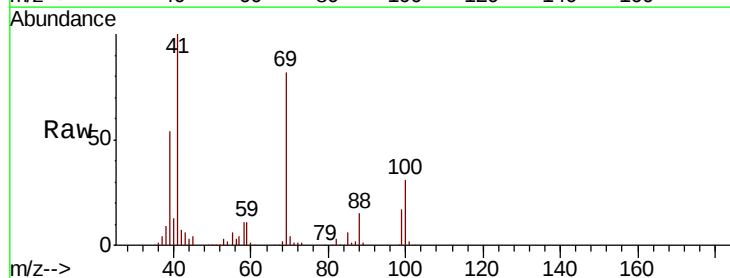
Tgt Ion: 41 Resp: 82548

Ion Ratio Lower Upper

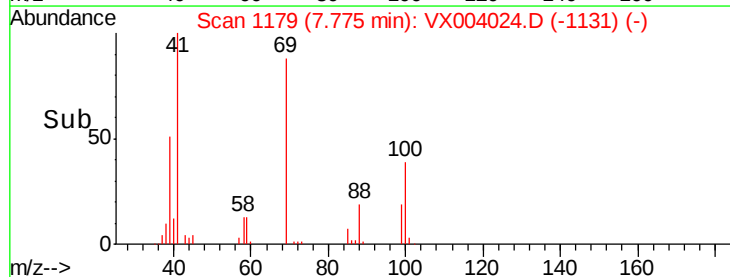
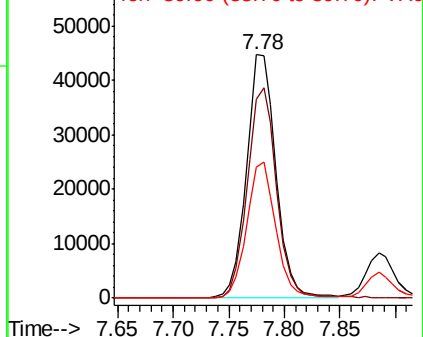
41 100

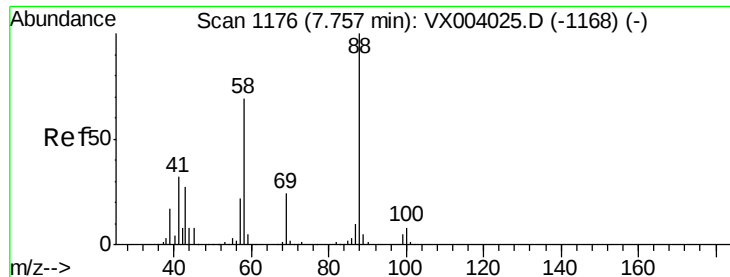
69 85.7 68.8 103.2

39 54.9 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

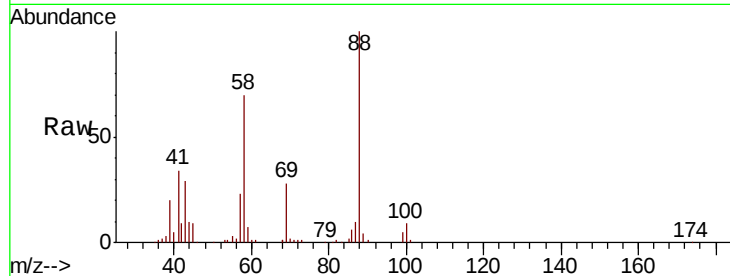




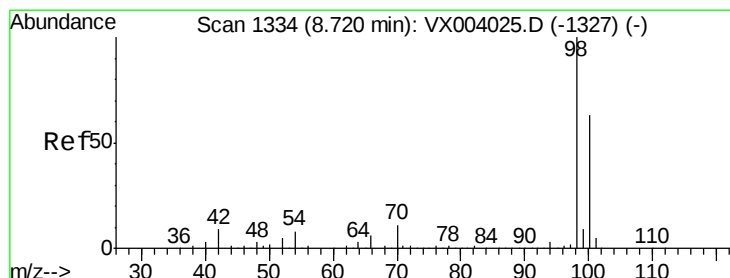
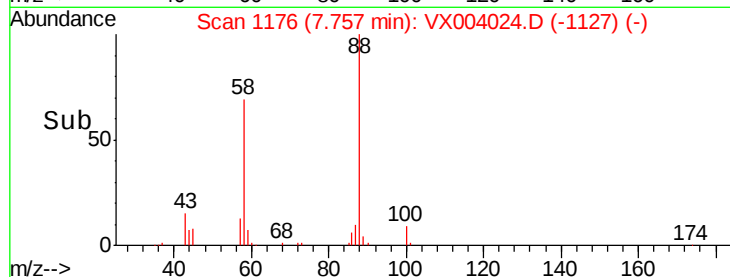
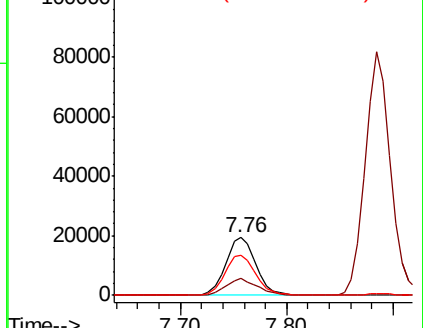
#49  
1,4-Dioxane  
Concen: 403.782 ug/l  
RT: 7.76 min Scan# 1176  
Delta R.T. 0.00 min  
Lab File: VX004024.D  
Acq: 14 Aug 2018 11:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

Tgt Ion: 88 Resp: 38217  
Ion Ratio Lower Upper  
88 100  
43 31.6 23.8 35.8  
58 72.1 55.4 83.0

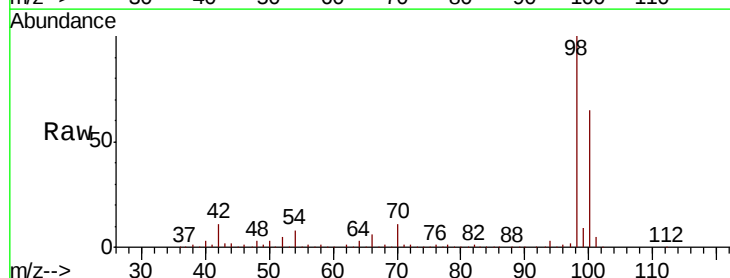


Abundance Ion 88.00 (87.70 to 88.70): VX0  
Ion 43.00 (42.70 to 43.70): VX0  
Ion 58.00 (57.70 to 58.70): VX0

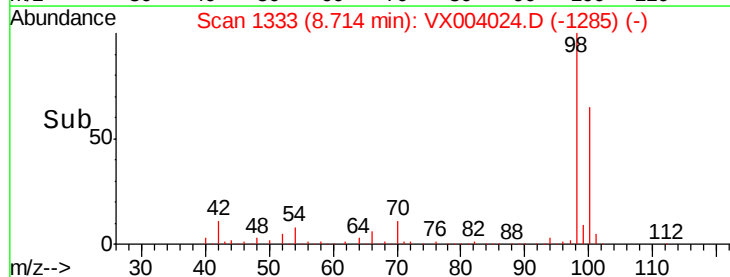
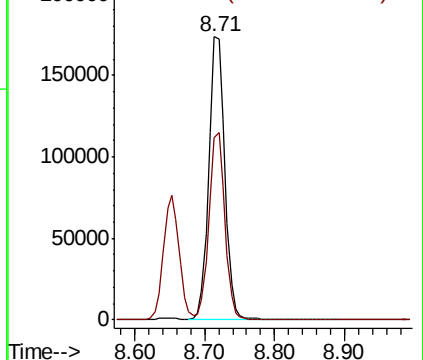


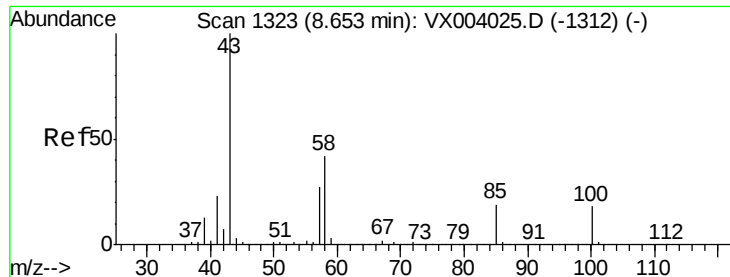
#50  
Toluene-d8  
Concen: 19.942 ug/l  
RT: 8.71 min Scan# 1333  
Delta R.T. -0.01 min  
Lab File: VX004024.D  
Acq: 14 Aug 2018 11:34

Tgt Ion: 98 Resp: 276668  
Ion Ratio Lower Upper  
98 100  
100 65.9 53.3 79.9



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

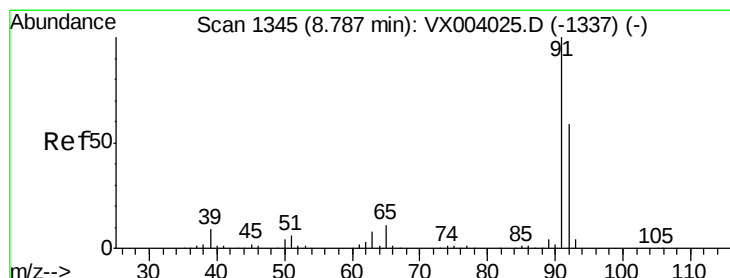
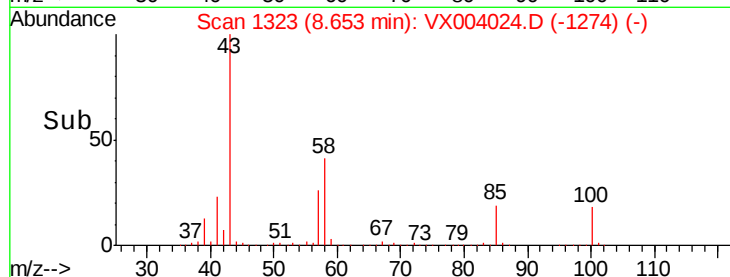
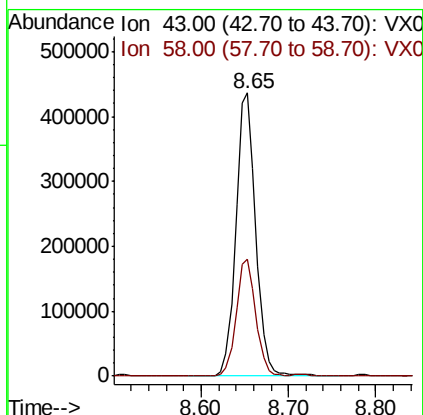
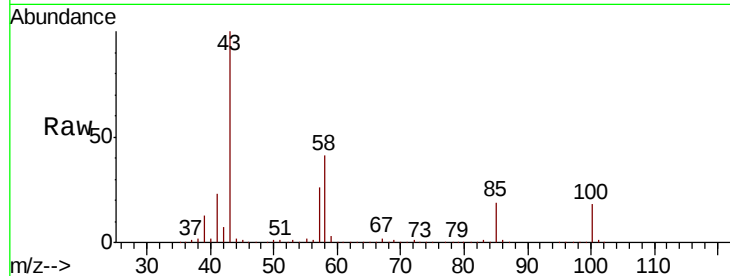




#51  
 4-Methyl-2-Pentanone  
 Concen: 100.828 ug/l  
 RT: 8.65 min Scan# 1323  
 Delta R.T. 0.00 min  
 Lab File: VX004024.D  
 Acq: 14 Aug 2018 11:34

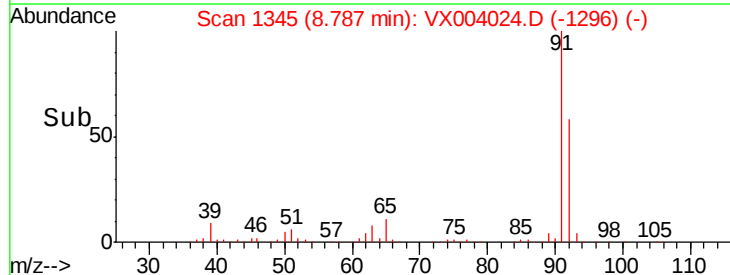
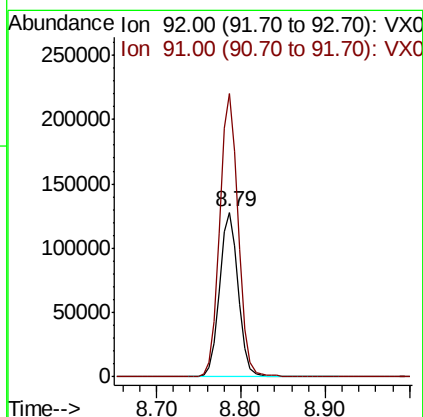
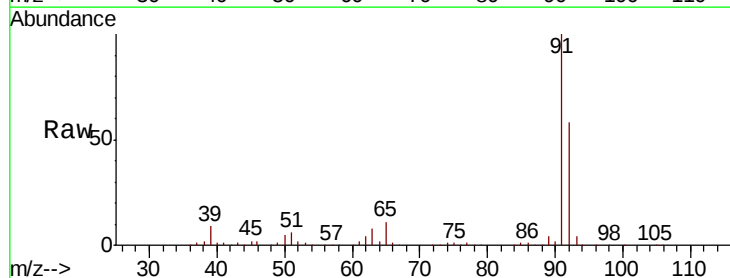
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC020

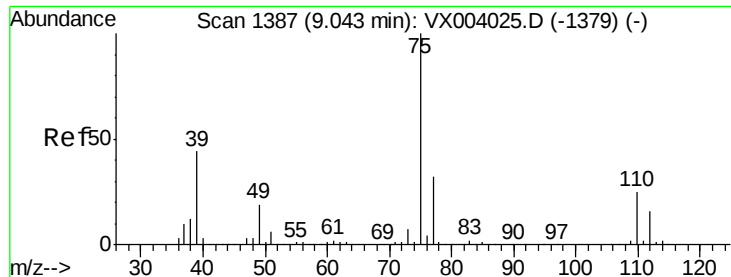
Tgt Ion: 43 Resp: 690420  
 Ion Ratio Lower Upper  
 43 100  
 58 40.9 33.0 49.6



#52  
 Toluene  
 Concen: 19.837 ug/l  
 RT: 8.79 min Scan# 1345  
 Delta R.T. 0.00 min  
 Lab File: VX004024.D  
 Acq: 14 Aug 2018 11:34

Tgt Ion: 92 Resp: 195992  
 Ion Ratio Lower Upper  
 92 100  
 91 171.6 136.1 204.1

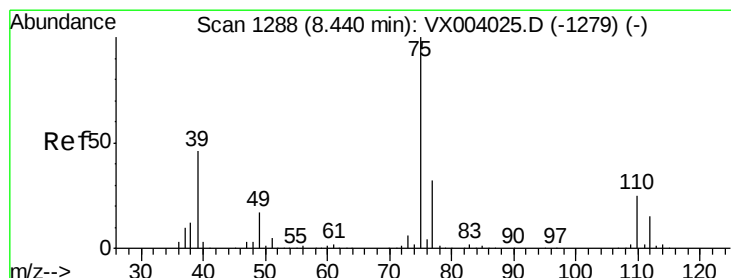
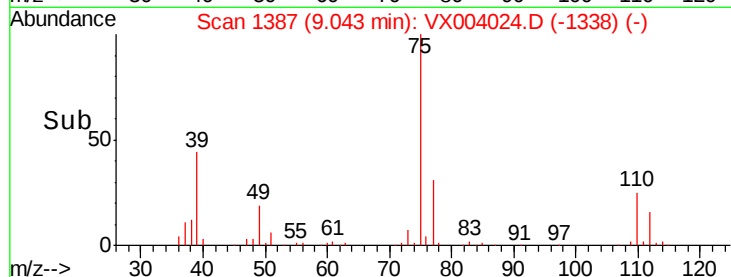
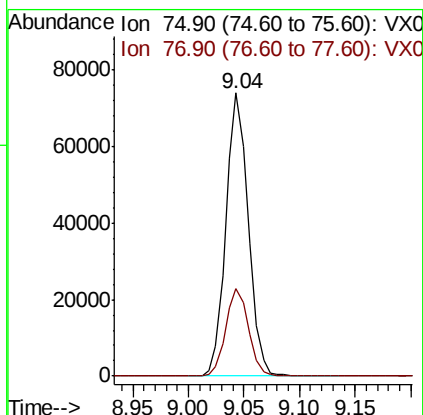
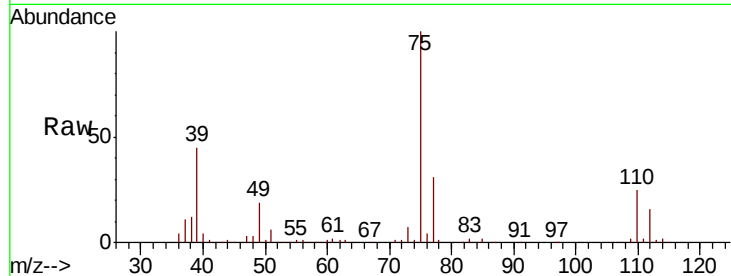




#53  
t-1,3-Dichloropropene  
Concen: 19.230 ug/l  
RT: 9.04 min Scan# 1387  
Delta R.T. 0.00 min  
Lab File: VX004024.D  
Acq: 14 Aug 2018 11:34

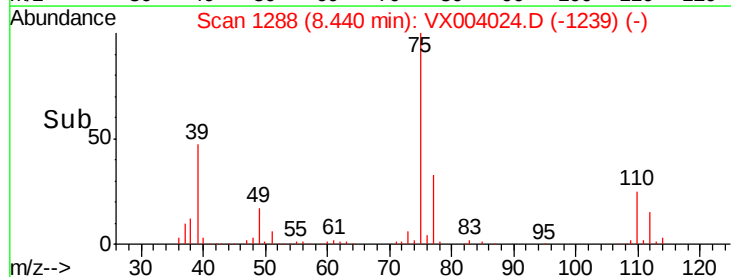
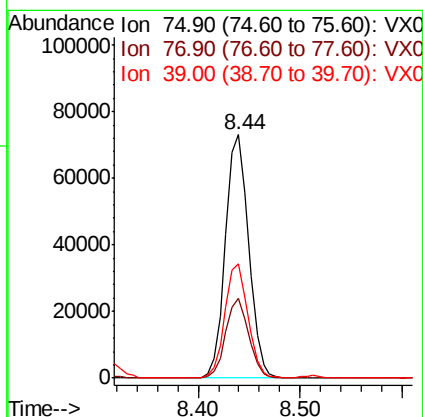
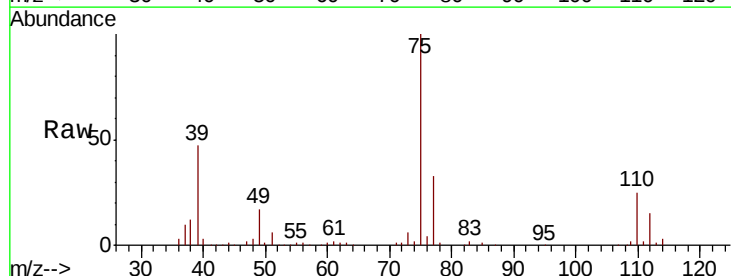
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

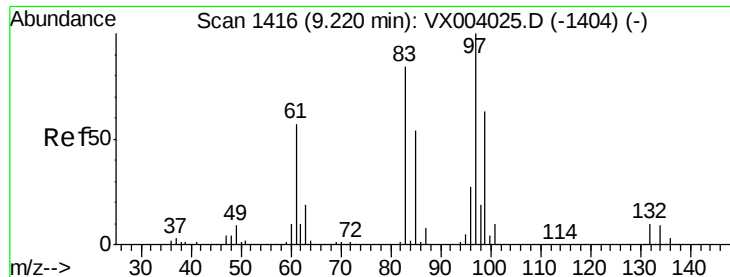
Tgt Ion: 75 Resp: 102831  
Ion Ratio Lower Upper  
75 100  
77 30.9 25.1 37.7



#54  
cis-1,3-Dichloropropene  
Concen: 19.529 ug/l  
RT: 8.44 min Scan# 1288  
Delta R.T. 0.00 min  
Lab File: VX004024.D  
Acq: 14 Aug 2018 11:34

Tgt Ion: 75 Resp: 115652  
Ion Ratio Lower Upper  
75 100  
77 32.6 25.3 37.9  
39 46.7 36.2 54.2

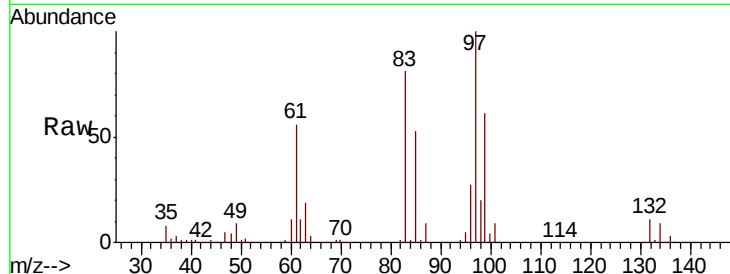




#55  
 1,1,2-Trichloroethane  
 Concen: 19.443 ug/l  
 RT: 9.22 min Scan# 1416  
 Delta R.T. 0.00 min  
 Lab File: VX004024.D  
 Acq: 14 Aug 2018 11:34

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC020

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 79328 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 80.7  | 67.8  | 101.6 |
| 85       | 53.3  | 44.2  | 66.2  |
| 99       | 61.2  | 50.8  | 76.2  |



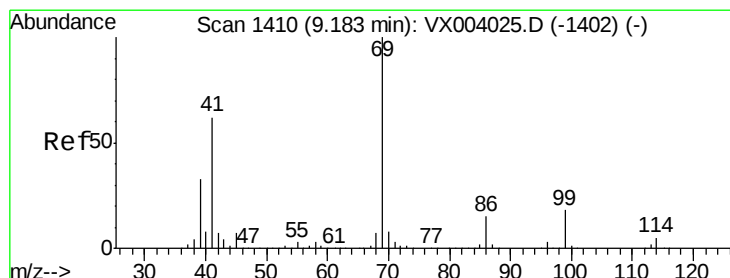
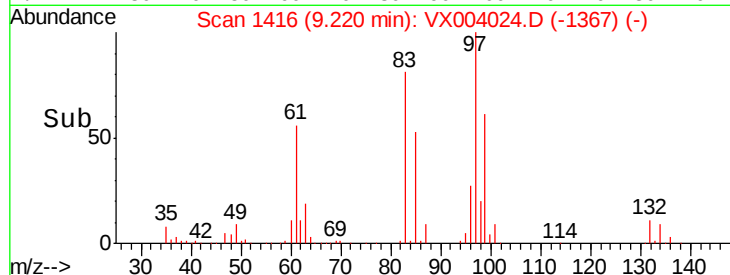
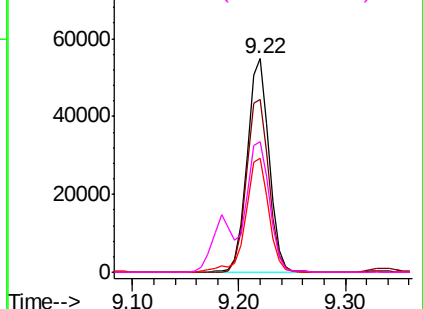
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

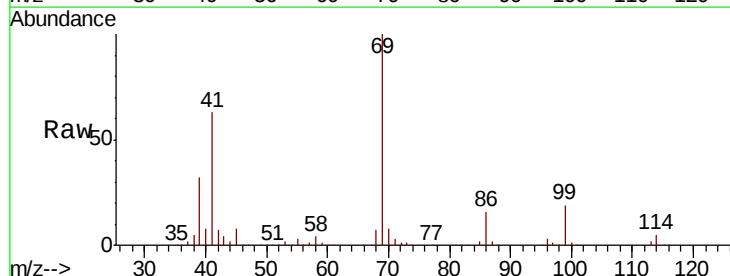
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56  
 Ethyl methacrylate  
 Concen: 19.007 ug/l  
 RT: 9.18 min Scan# 1410  
 Delta R.T. 0.00 min  
 Lab File: VX004024.D  
 Acq: 14 Aug 2018 11:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 105457 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 63.6  | 50.6  | 76.0   |
| 39       | 33.1  | 25.8  | 38.6   |

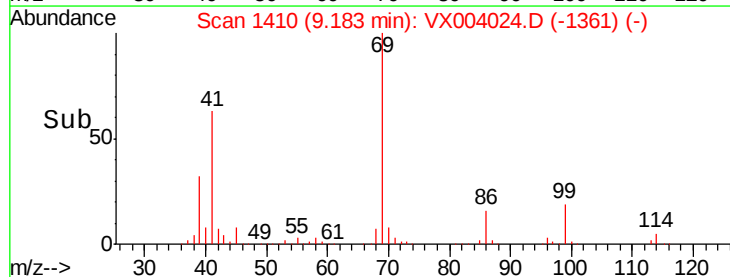
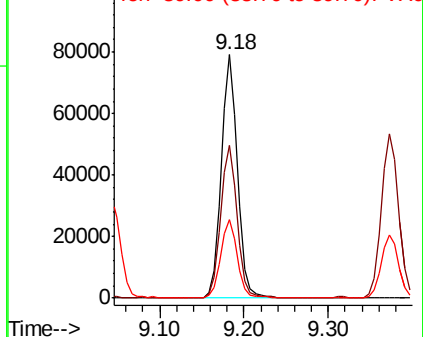


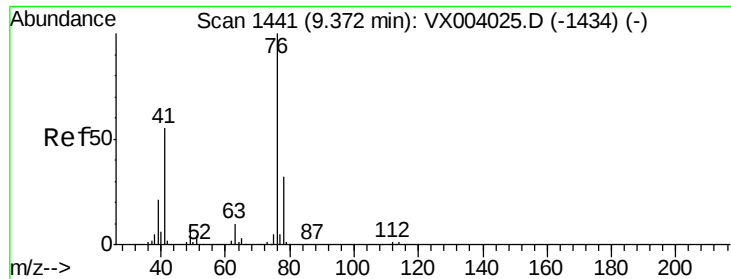
Abundance

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

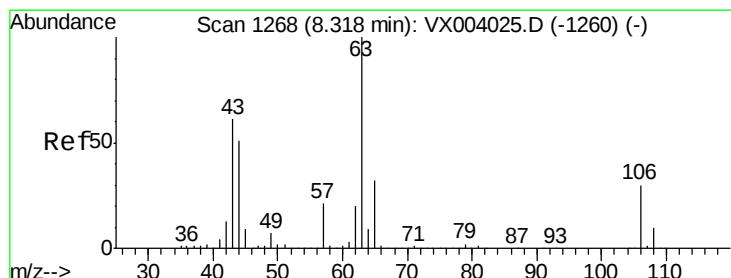
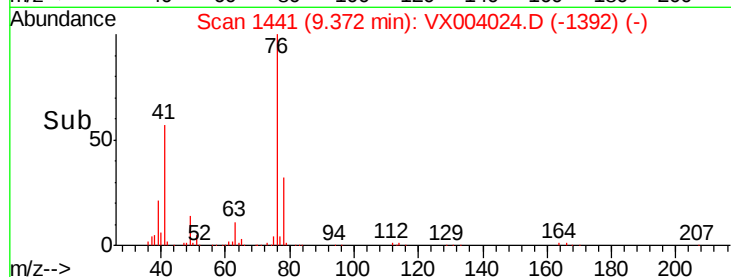
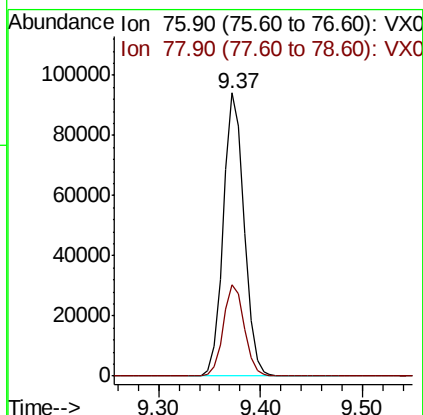
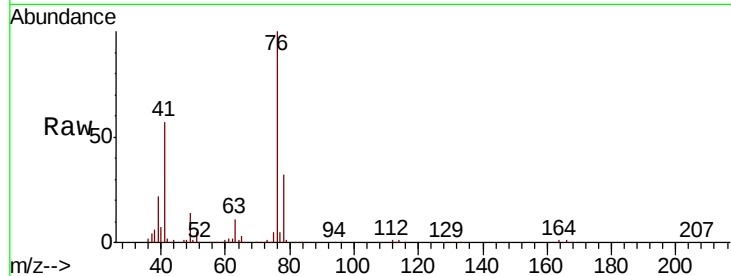




#57  
 1,3-Dichloropropane  
 Concen: 19.687 ug/l  
 RT: 9.37 min Scan# 1441  
 Delta R.T. 0.00 min  
 Lab File: VX004024.D  
 Acq: 14 Aug 2018 11:34

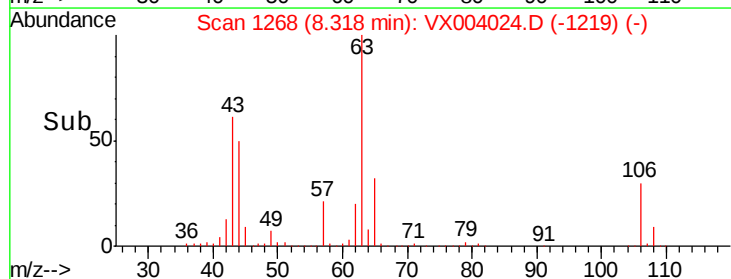
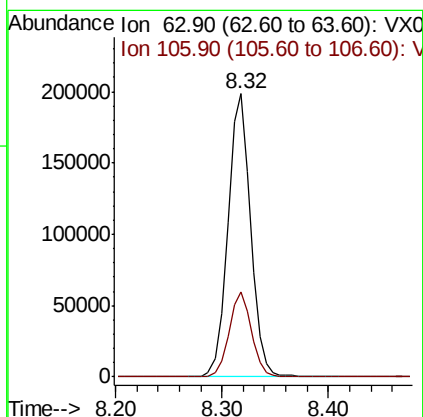
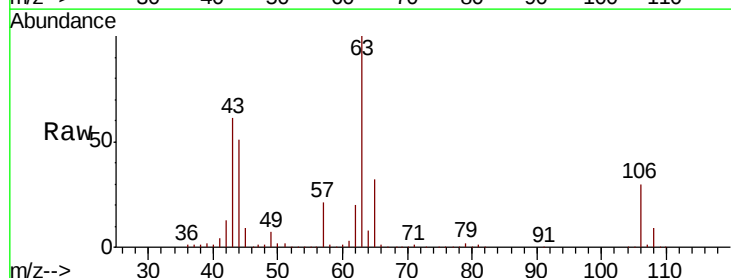
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC020

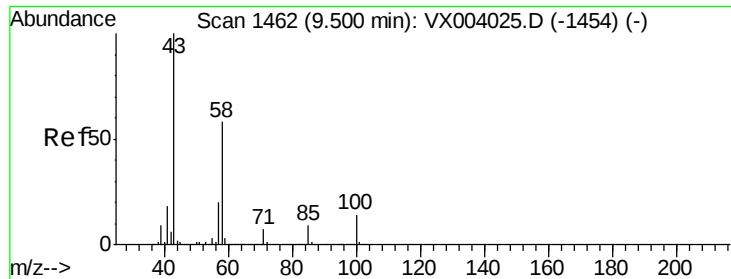
Tgt Ion: 76 Resp: 133272  
 Ion Ratio Lower Upper  
 76 100  
 78 32.6 25.9 38.9



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 104.496 ug/l  
 RT: 8.32 min Scan# 1268  
 Delta R.T. 0.00 min  
 Lab File: VX004024.D  
 Acq: 14 Aug 2018 11:34

Tgt Ion: 63 Resp: 295226  
 Ion Ratio Lower Upper  
 63 100  
 106 29.7 23.8 35.8

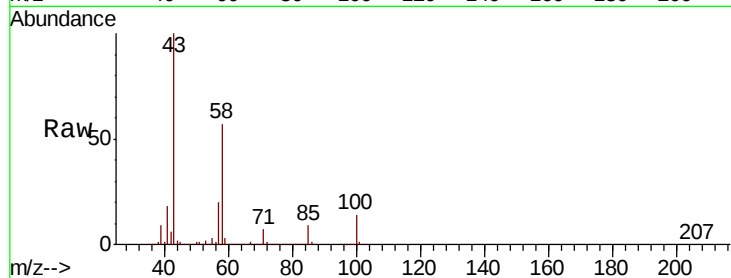




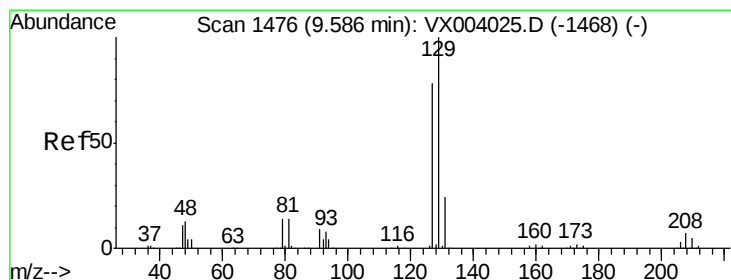
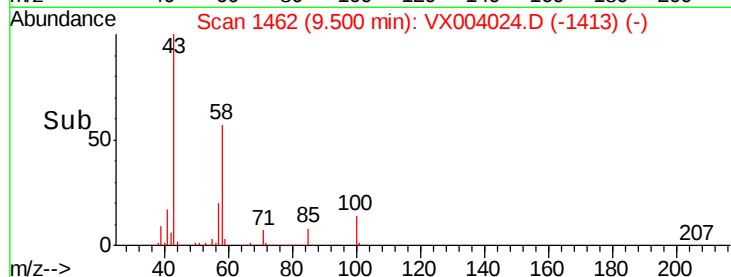
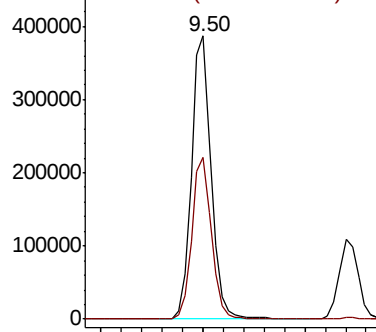
#59  
2-Hexanone  
Concen: 101.063 ug/l  
RT: 9.50 min Scan# 1462  
Delta R.T. 0.00 min  
Lab File: VX004024.D  
Acq: 14 Aug 2018 11:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

Tgt Ion: 43 Resp: 520830  
Ion Ratio Lower Upper  
43 100  
58 57.2 29.0 87.0

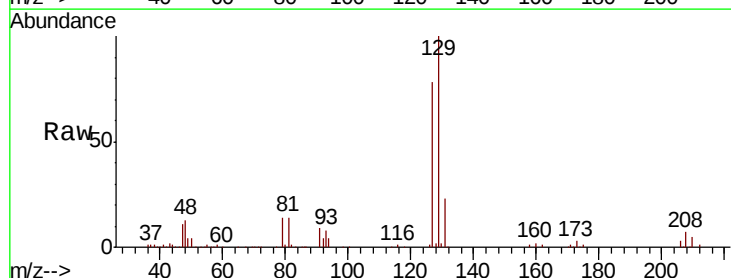


Abundance Ion 43.00 (42.70 to 43.70): VX0  
Ion 58.00 (57.70 to 58.70): VX0

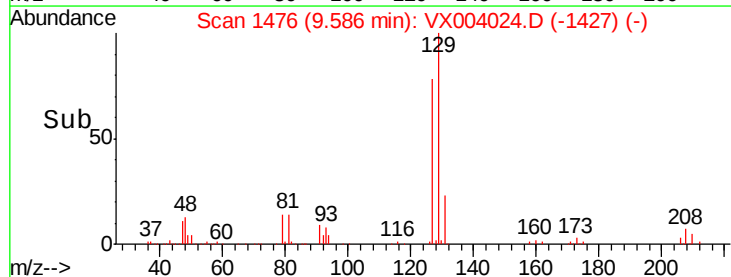
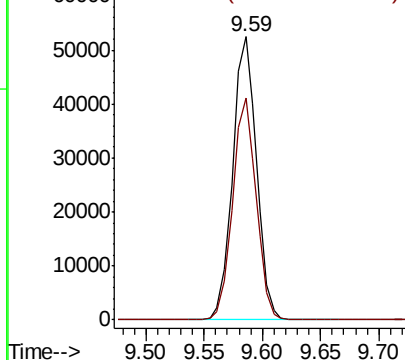


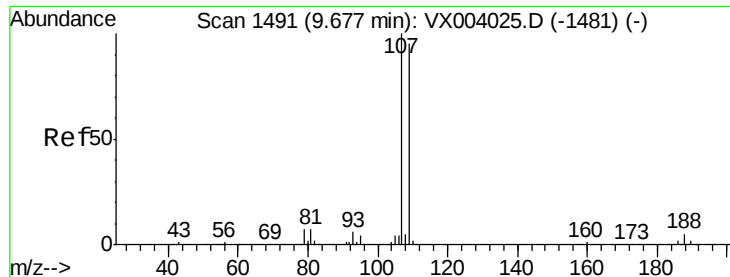
#60  
Dibromochloromethane  
Concen: 19.098 ug/l  
RT: 9.59 min Scan# 1476  
Delta R.T. 0.00 min  
Lab File: VX004024.D  
Acq: 14 Aug 2018 11:34

Tgt Ion: 129 Resp: 74985  
Ion Ratio Lower Upper  
129 100  
127 77.3 38.8 116.3



Abundance Ion 128.80 (128.50 to 129.50): V  
Ion 126.80 (126.50 to 127.50): V





#61

1,2-Dibromoethane

Concen: 19.726 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX004024.D

Acq: 14 Aug 2018 11:34

Instrument :

MSVOA\_X

ClientSampleId :

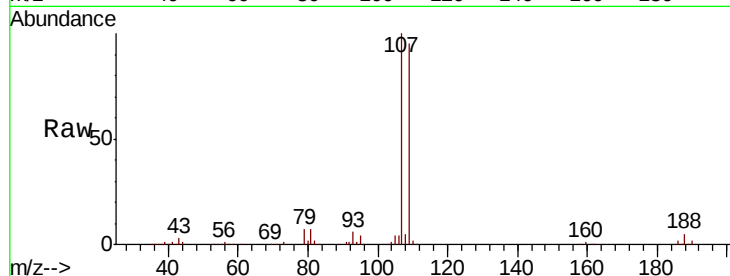
VSTDIC020

Tgt Ion: 107 Resp: 82046

Ion Ratio Lower Upper

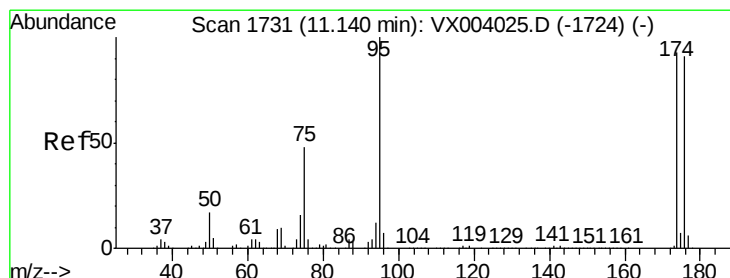
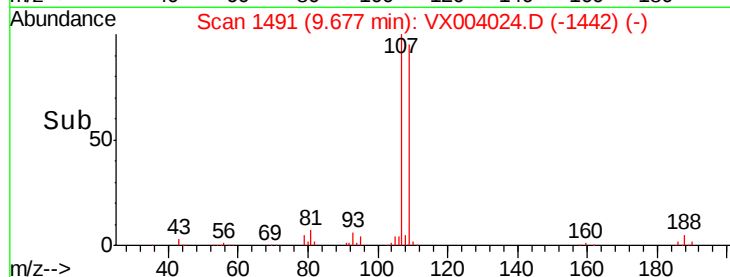
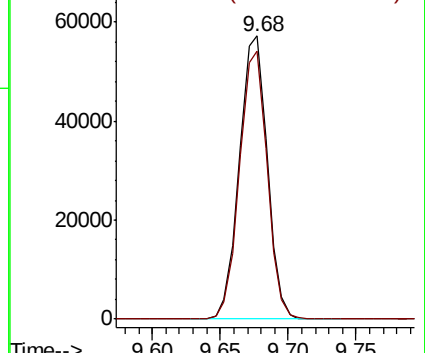
107 100

109 93.8 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 19.406 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX004024.D

Acq: 14 Aug 2018 11:34

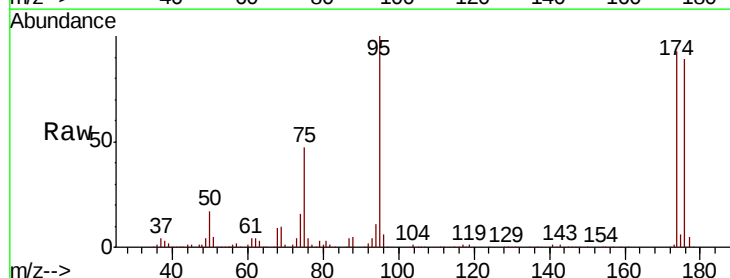
Tgt Ion: 95 Resp: 97649

Ion Ratio Lower Upper

95 100

174 90.9 0.0 182.8

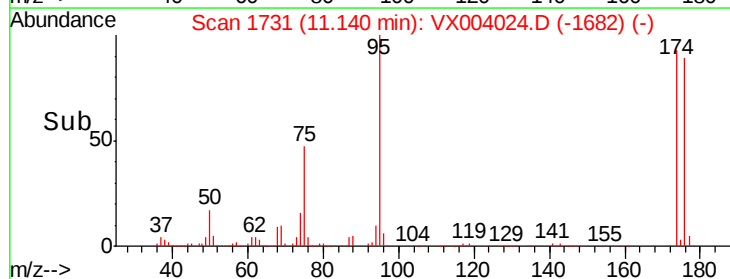
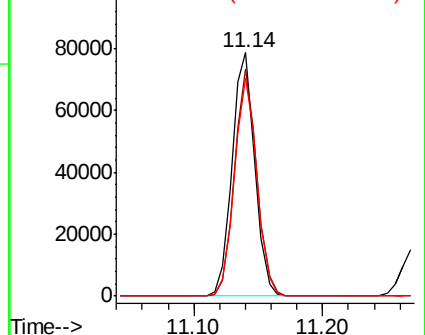
176 88.4 0.0 179.0

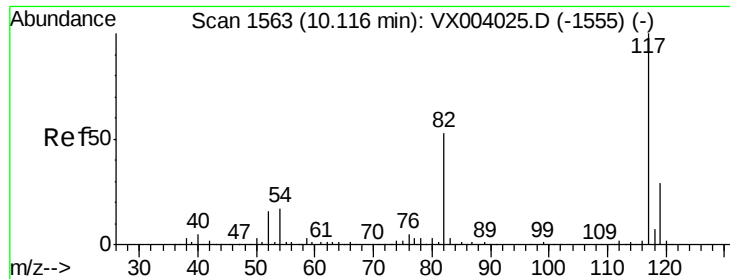


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

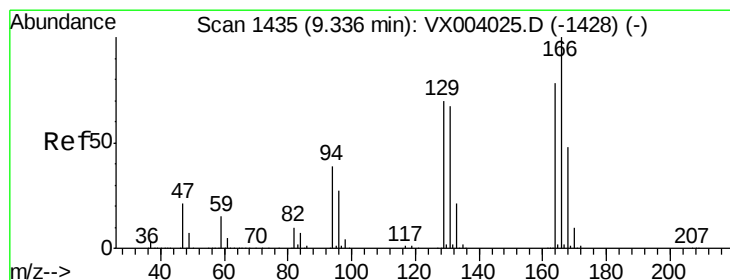
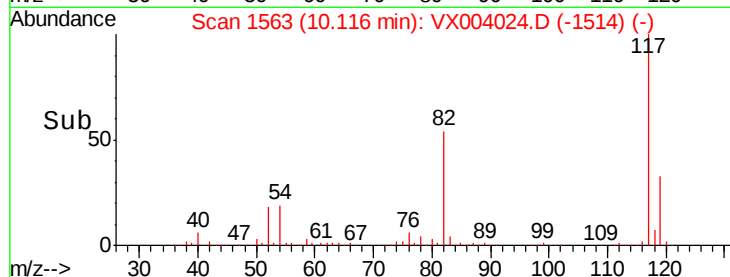
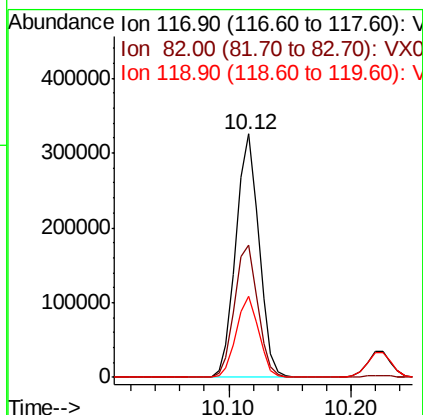
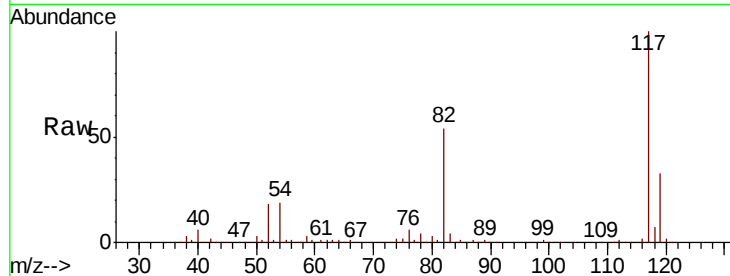




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1563  
Delta R.T. 0.00 min  
Lab File: VX004024.D  
Acq: 14 Aug 2018 11:34

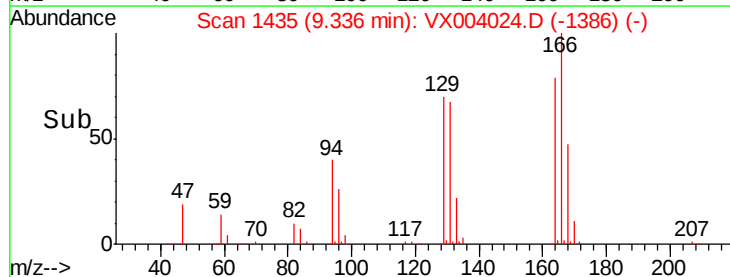
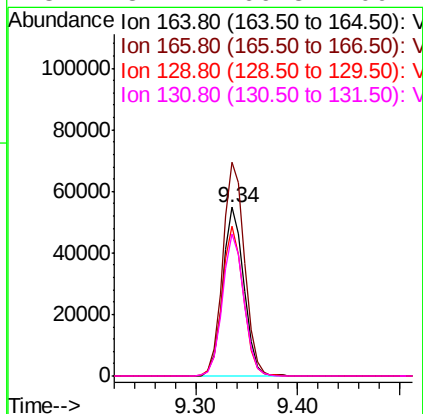
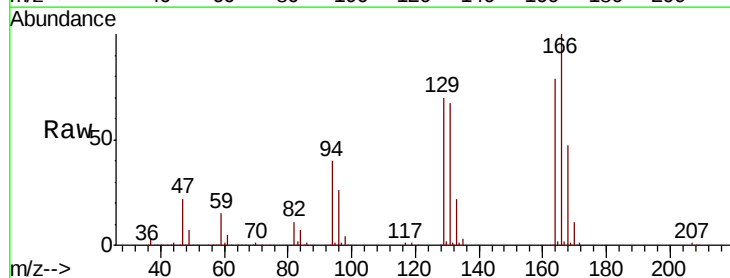
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

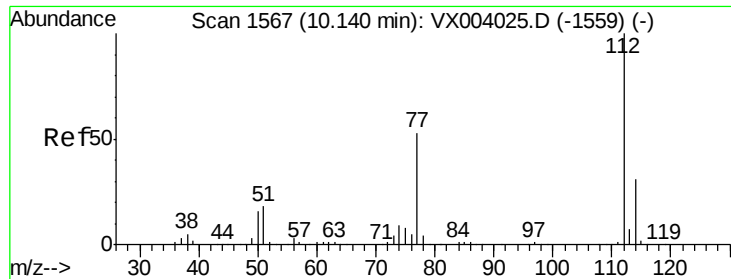
Tgt Ion:117 Resp: 425251  
Ion Ratio Lower Upper  
117 100  
82 54.1 45.4 68.0  
119 33.2 26.6 40.0



#64  
Tetrachloroethene  
Concen: 19.594 ug/l  
RT: 9.34 min Scan# 1435  
Delta R.T. 0.00 min  
Lab File: VX004024.D  
Acq: 14 Aug 2018 11:34

Tgt Ion:164 Resp: 78971  
Ion Ratio Lower Upper  
164 100  
166 126.5 98.0 147.0  
129 88.6 64.3 96.5  
131 84.2 66.8 100.2

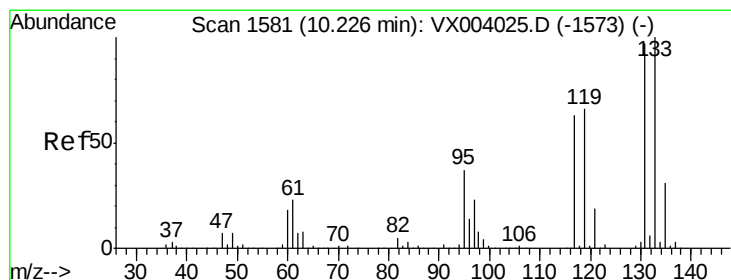
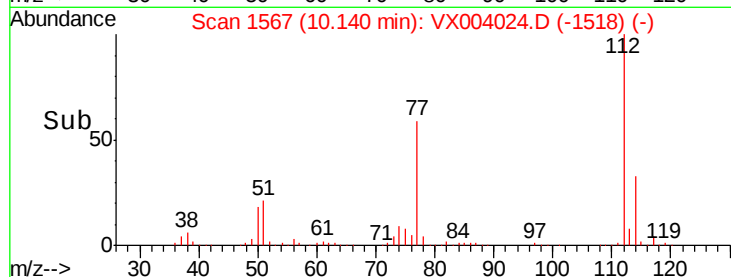
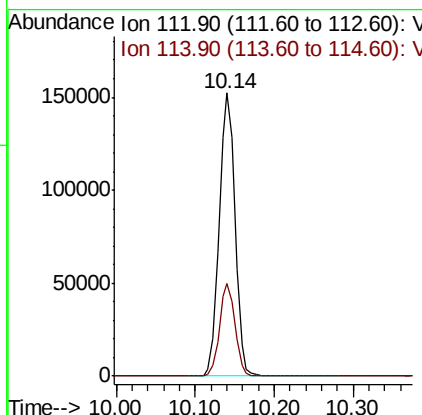
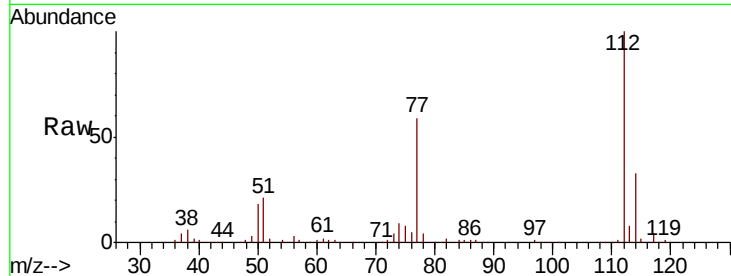




#65  
Chlorobenzene  
Concen: 19.402 ug/l  
RT: 10.14 min Scan# 1567  
Delta R.T. 0.00 min  
Lab File: VX004024.D  
Acq: 14 Aug 2018 11:34

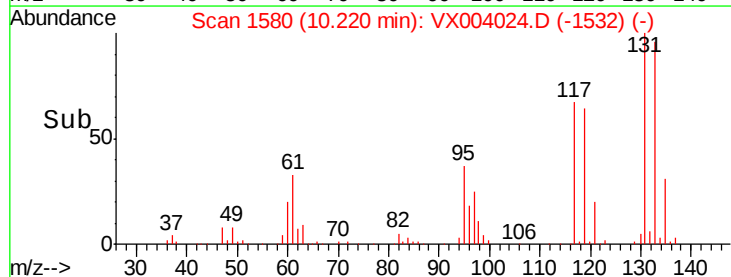
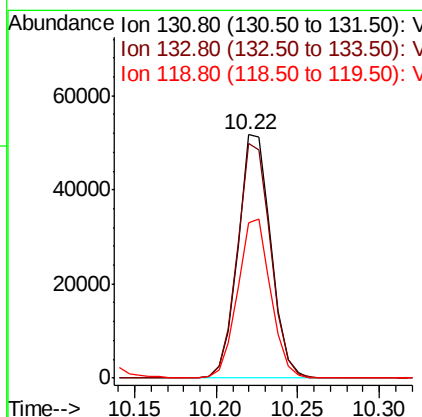
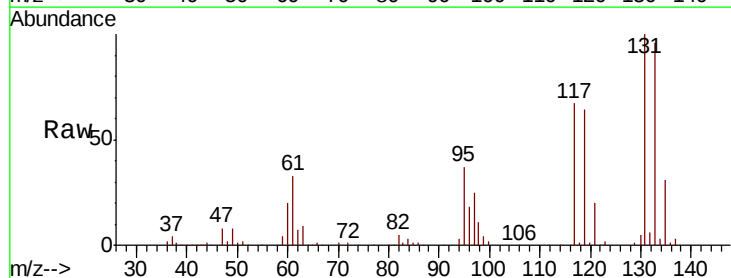
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

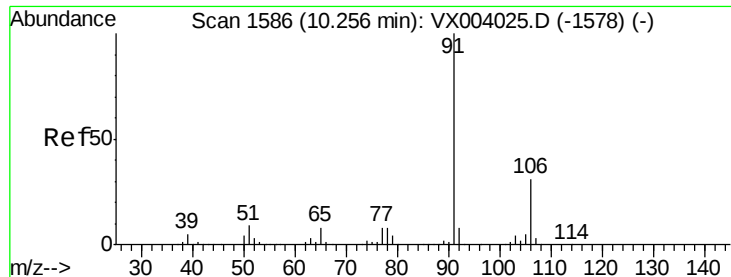
Tgt Ion:112 Resp: 213122  
Ion Ratio Lower Upper  
112 100  
114 32.8 23.6 35.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.363 ug/l  
RT: 10.22 min Scan# 1580  
Delta R.T. -0.01 min  
Lab File: VX004024.D  
Acq: 14 Aug 2018 11:34

Tgt Ion:131 Resp: 72543  
Ion Ratio Lower Upper  
131 100  
133 97.6 47.3 141.8  
119 65.9 31.6 94.8





#67

Ethyl Benzene

Concen: 19.840 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX004024.D

Acq: 14 Aug 2018 11:34

Instrument :

MSVOA\_X

ClientSampleId :

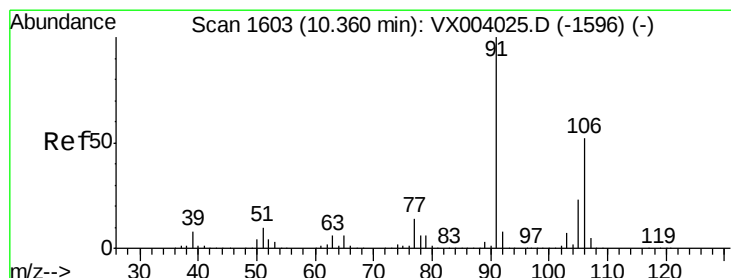
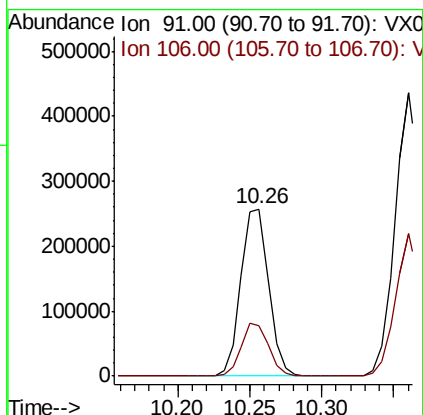
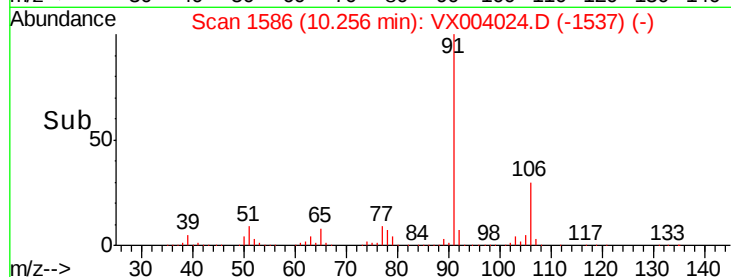
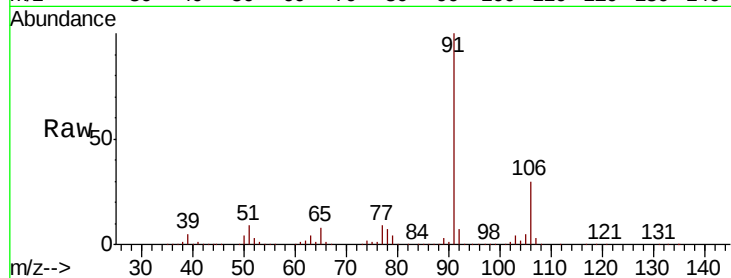
VSTDIC020

Tgt Ion: 91 Resp: 345116

Ion Ratio Lower Upper

91 100

106 30.2 25.9 38.9



#68

m/p-Xylenes

Concen: 40.885 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX004024.D

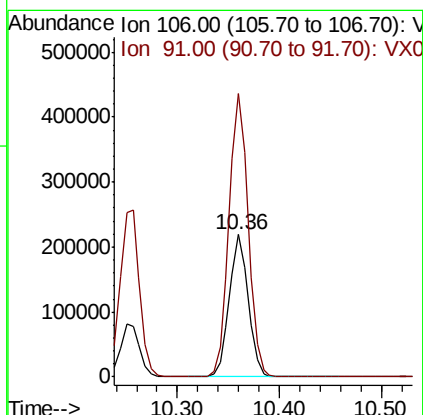
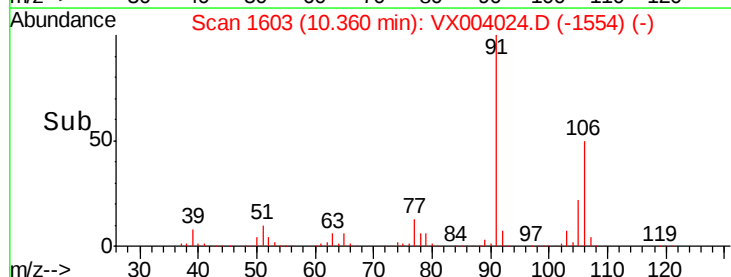
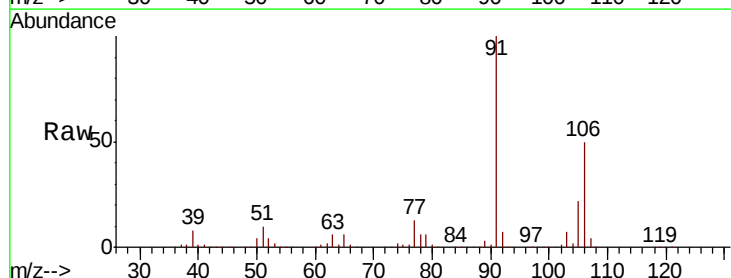
Acq: 14 Aug 2018 11:34

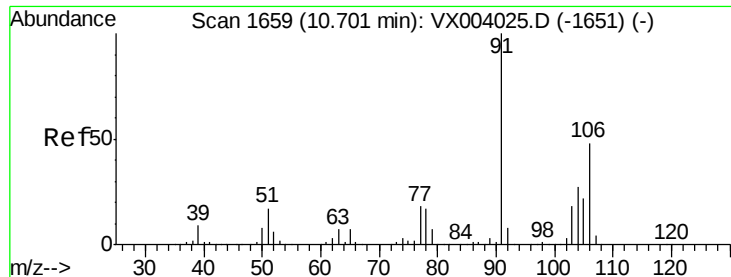
Tgt Ion: 106 Resp: 278490

Ion Ratio Lower Upper

106 100

91 202.8 162.3 243.5

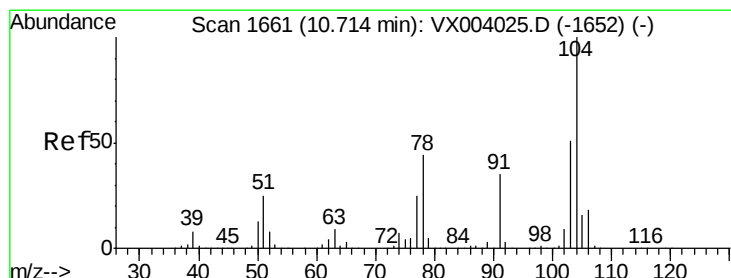
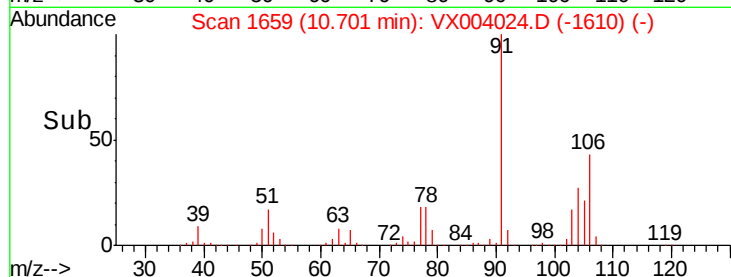
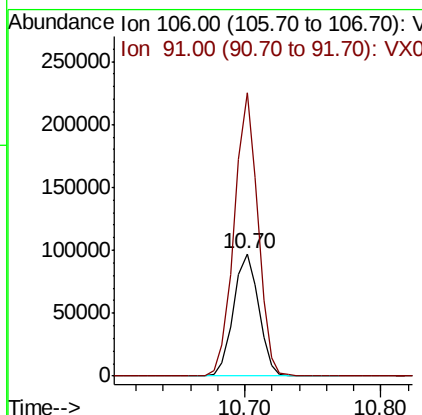
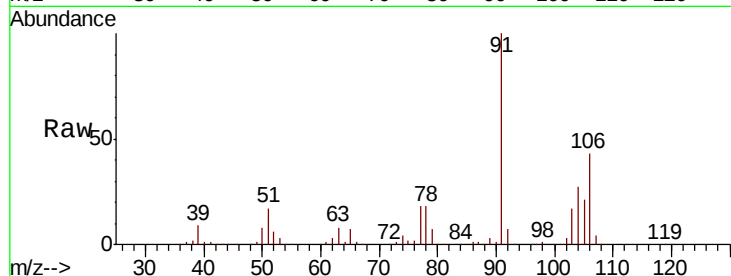




#69  
o-Xylene  
Concen: 19.345 ug/l  
RT: 10.70 min Scan# 1659  
Delta R.T. 0.00 min  
Lab File: VX004024.D  
Acq: 14 Aug 2018 11:34

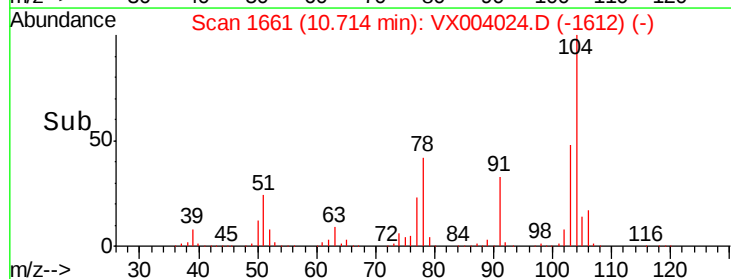
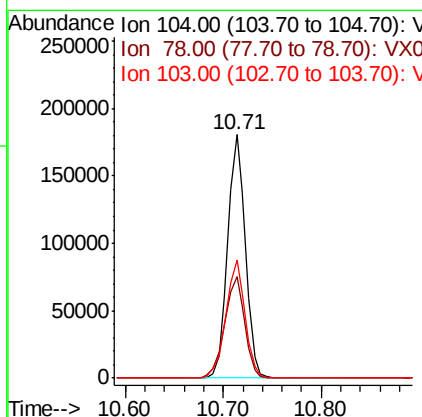
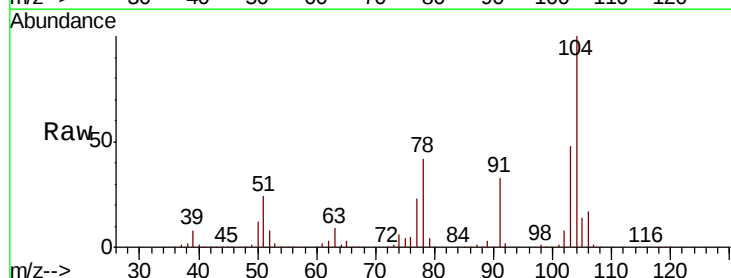
Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDIC020

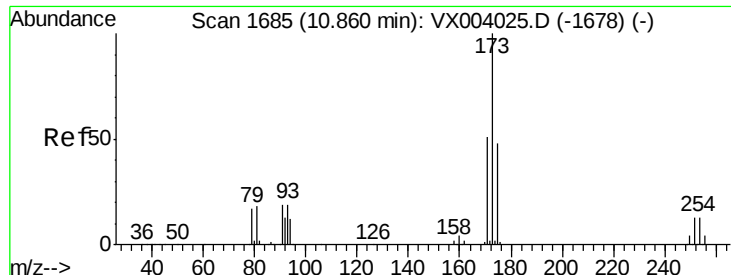
Tgt Ion:106 Resp: 125930  
Ion Ratio Lower Upper  
106 100  
91 217.0 101.9 305.7



#70  
Styrene  
Concen: 20.825 ug/l  
RT: 10.71 min Scan# 1661  
Delta R.T. 0.00 min  
Lab File: VX004024.D  
Acq: 14 Aug 2018 11:34

Tgt Ion:104 Resp: 228142  
Ion Ratio Lower Upper  
104 100  
78 46.8 39.8 59.6  
103 52.1 44.3 66.5





#71

Bromoform

Concen: 18.618 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX004024.D

Acq: 14 Aug 2018 11:34

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC020

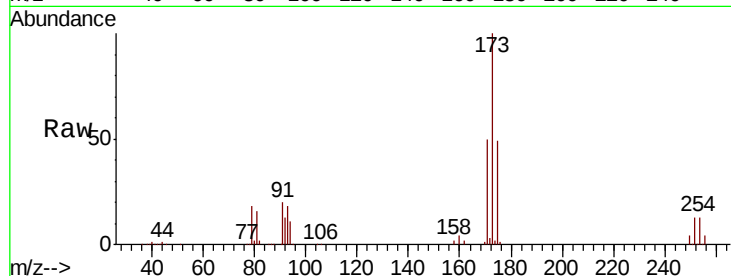
Tgt Ion:173 Resp: 55311

Ion Ratio Lower Upper

173 100

175 50.3 24.9 74.7

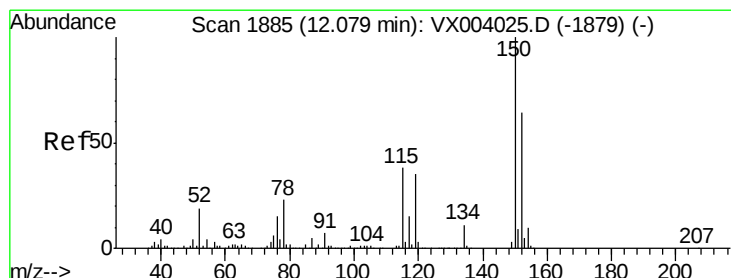
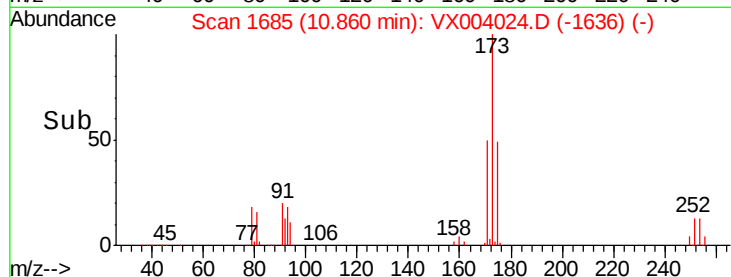
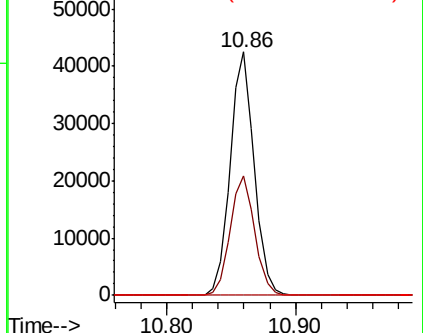
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX004024.D

Acq: 14 Aug 2018 11:34

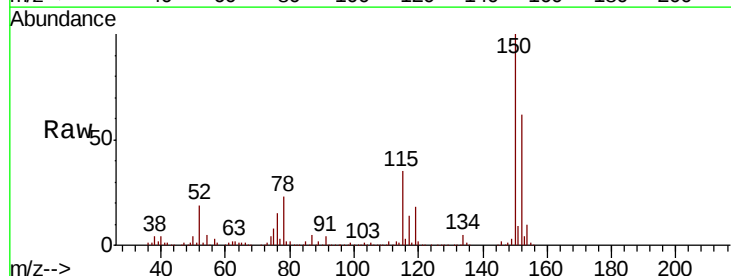
Tgt Ion:152 Resp: 261053

Ion Ratio Lower Upper

152 100

115 63.7 39.1 117.3

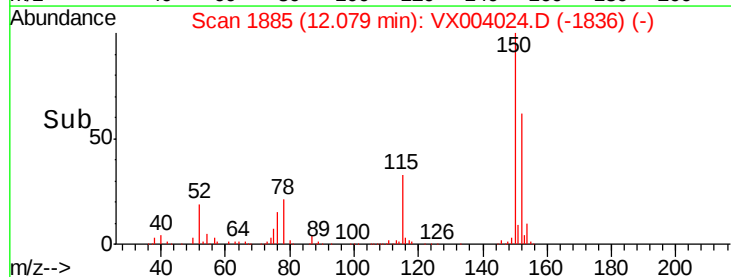
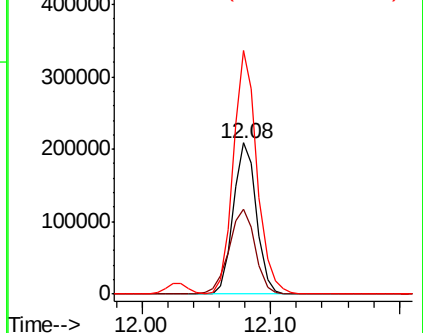
150 165.4 0.0 349.2

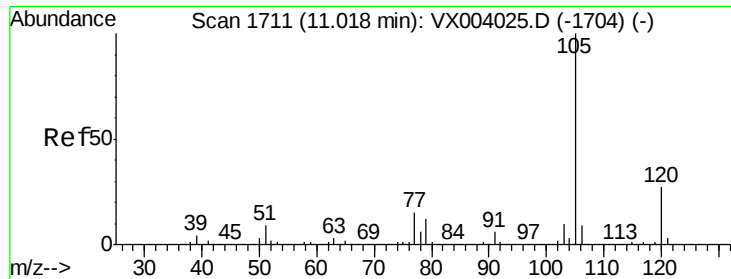


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.640 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX004024.D

Acq: 14 Aug 2018 11:34

Instrument :

MSVOA\_X

ClientSampleId :

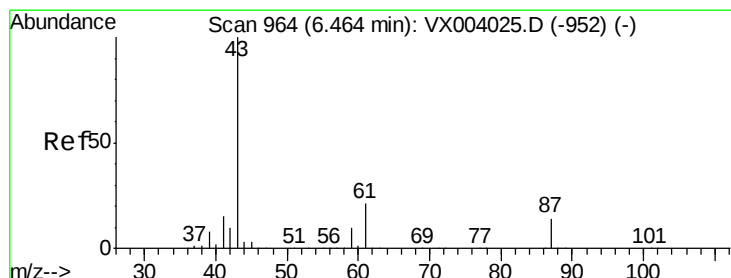
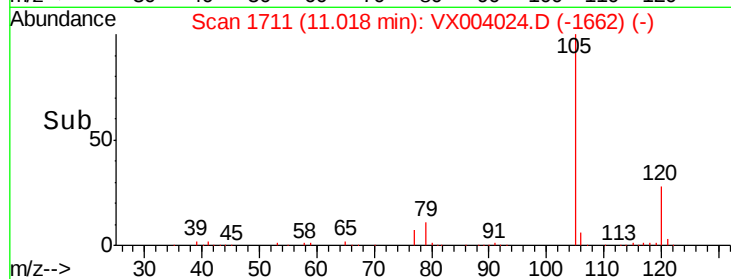
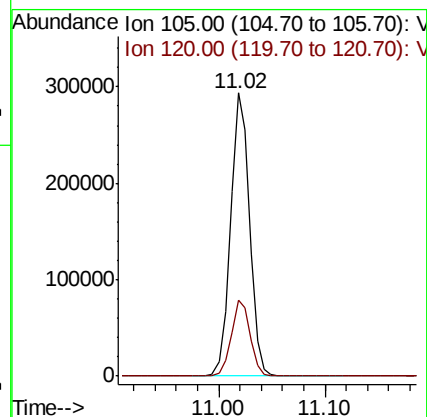
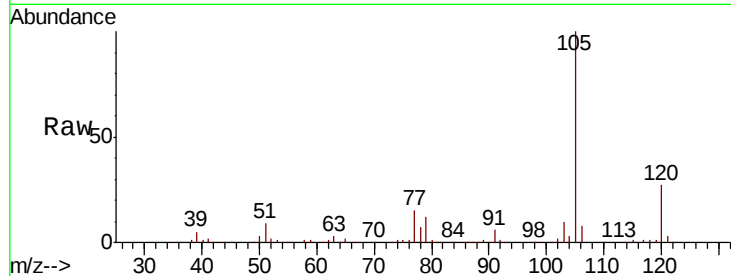
VSTDIC020

Tgt Ion: 105 Resp: 364625

Ion Ratio Lower Upper

105 100

120 26.6 12.6 37.8



#74

N-ethyl acetate

Concen: 19.327 ug/l

RT: 6.46 min Scan# 964

Delta R.T. 0.00 min

Lab File: VX004024.D

Acq: 14 Aug 2018 11:34

Tgt Ion: 43 Resp: 160592

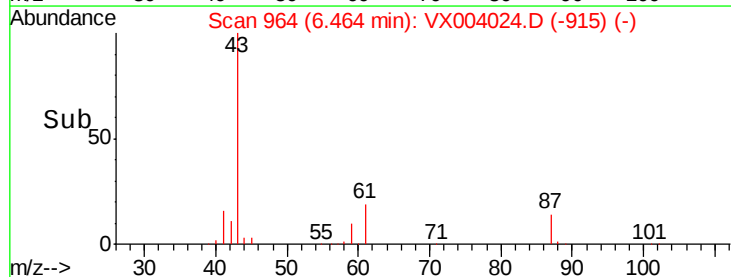
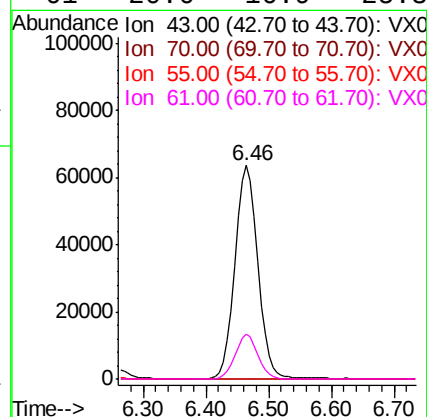
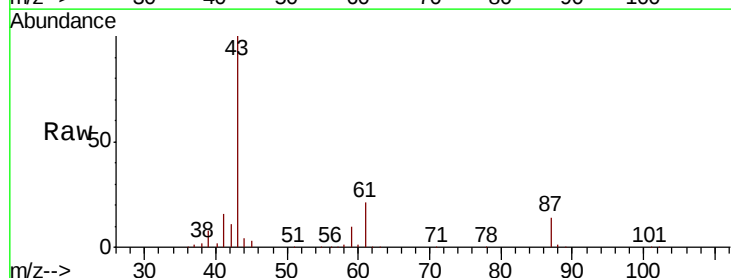
Ion Ratio Lower Upper

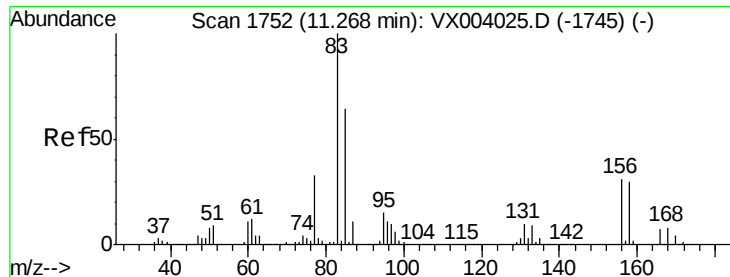
43 100

70 0.0 0.0 0.0#

55 0.1 0.1 0.1#

61 20.6 16.9 25.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.602 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX004024.D

Acq: 14 Aug 2018 11:34

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC020

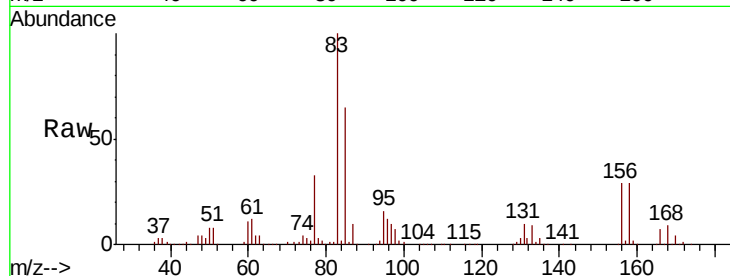
Tgt Ion: 83 Resp: 120932

Ion Ratio Lower Upper

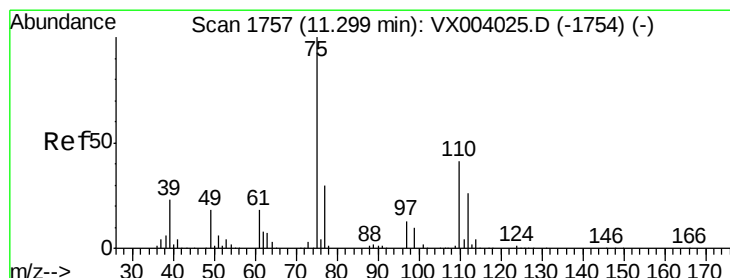
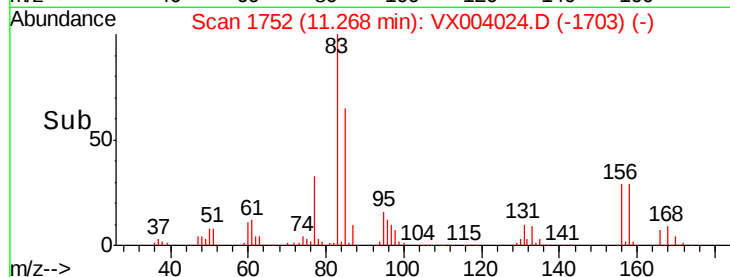
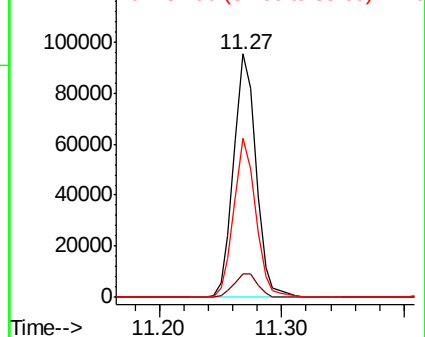
83 100

131 10.4 5.2 15.6

85 63.9 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: 25.385 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX004024.D

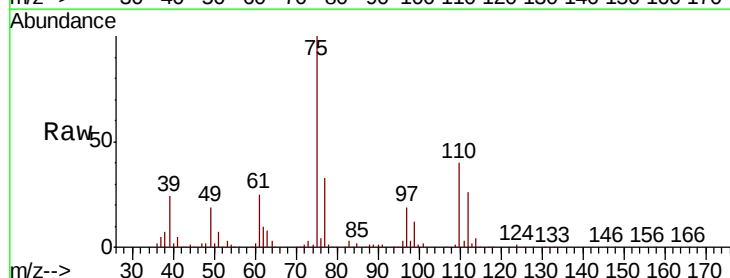
Acq: 14 Aug 2018 11:34

Tgt Ion: 75 Resp: 132894

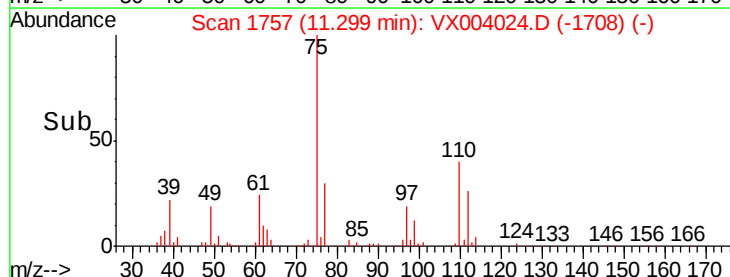
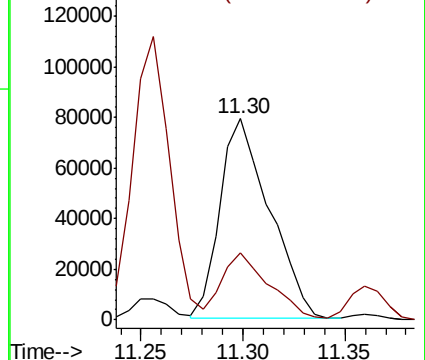
Ion Ratio Lower Upper

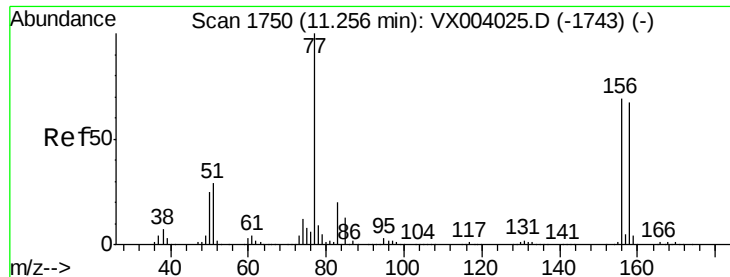
75 100

77 32.2 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: 19.818 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX004024.D

Acq: 14 Aug 2018 11:34

Instrument :

MSVOA\_X

ClientSampled :

VSTDIC020

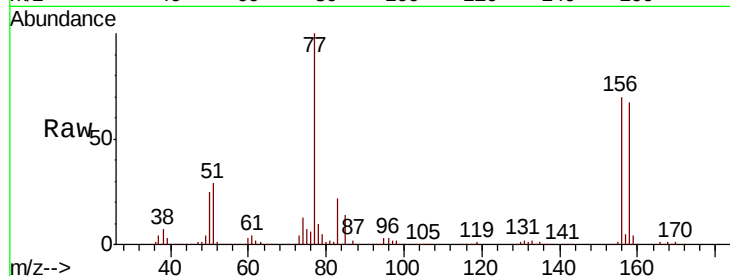
Tgt Ion: 156 Resp: 96513

Ion Ratio Lower Upper

156 100

77 147.2 74.1 222.2

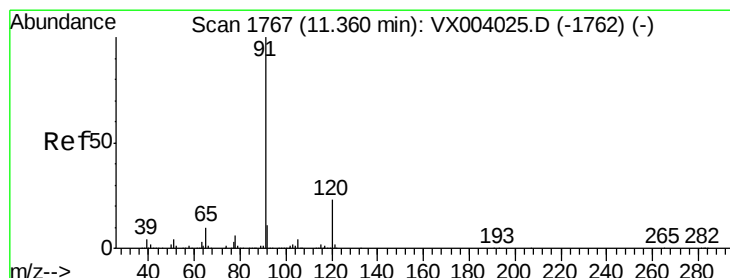
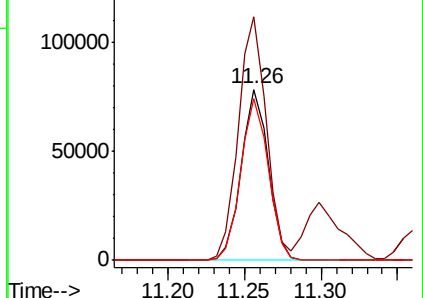
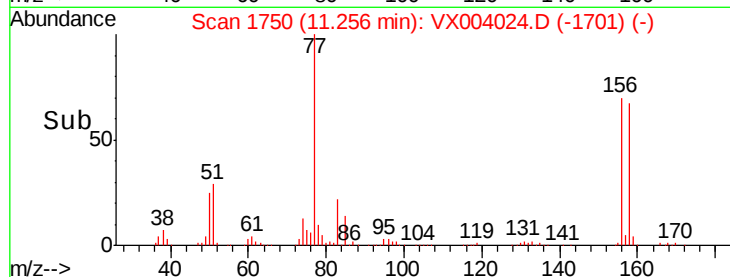
158 96.5 48.6 145.9



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: 20.595 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX004024.D

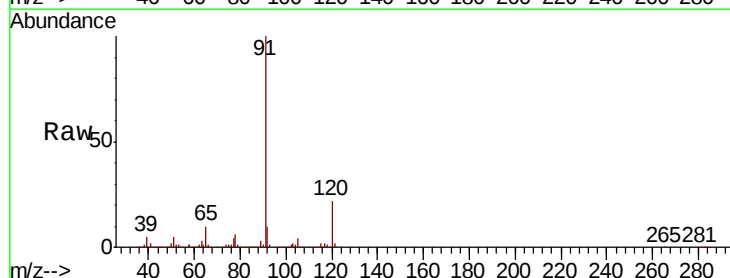
Acq: 14 Aug 2018 11:34

Tgt Ion: 91 Resp: 407175

Ion Ratio Lower Upper

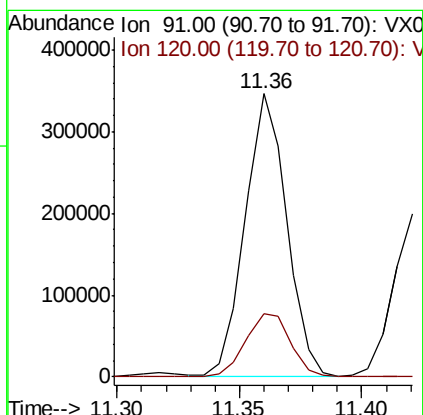
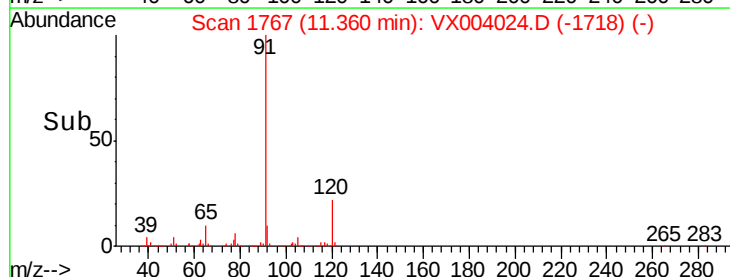
91 100

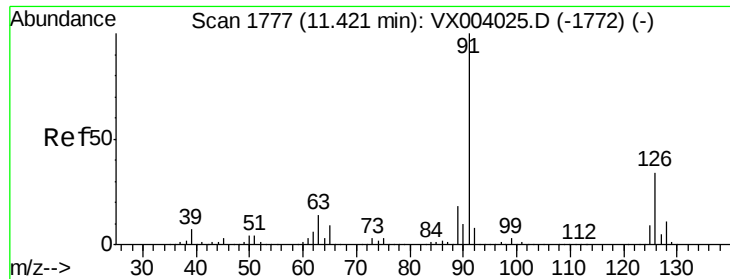
120 24.1 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

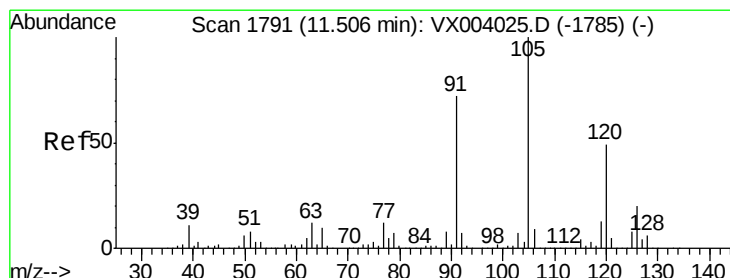
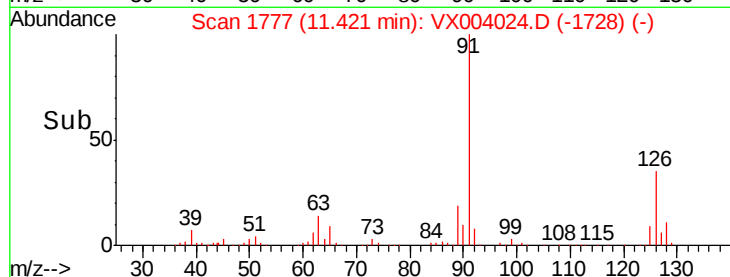
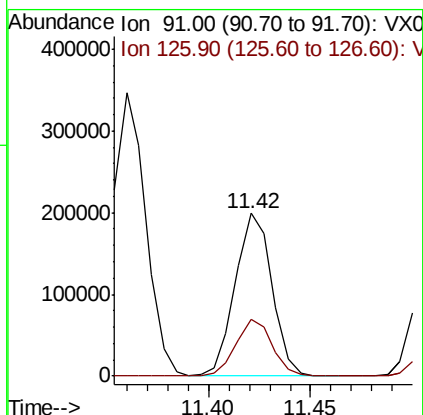
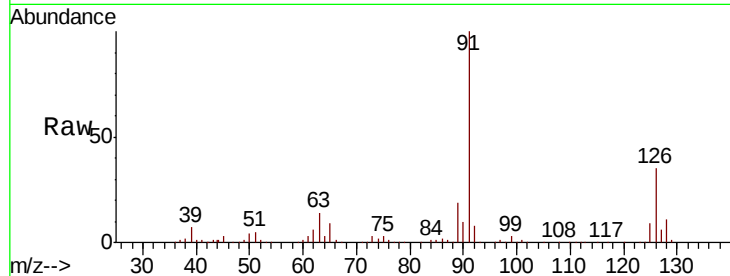




#79  
 2-Chlorotoluene  
 Concen: 20.613 ug/l  
 RT: 11.42 min Scan# 1777  
 Delta R.T. 0.00 min  
 Lab File: VX004024.D  
 Acq: 14 Aug 2018 11:34

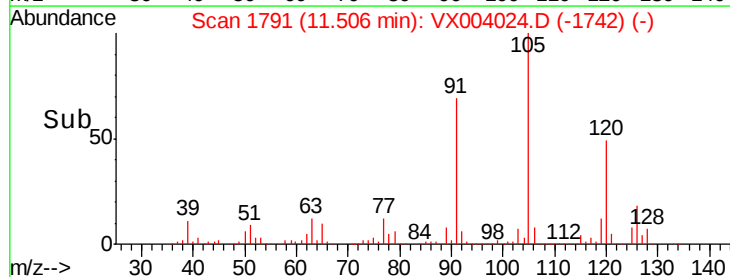
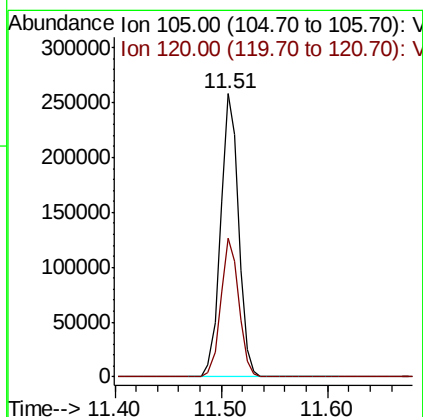
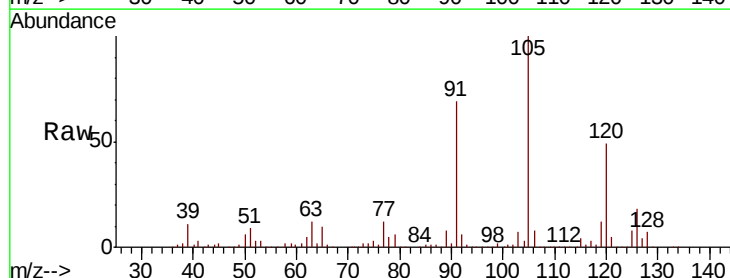
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC020

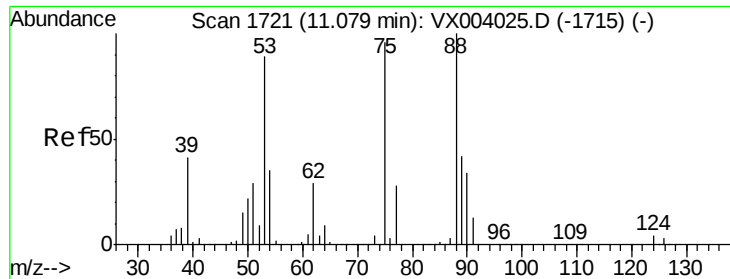
Tgt Ion: 91 Resp: 248351  
 Ion Ratio Lower Upper  
 91 100  
 126 34.2 17.4 52.3



#80  
 1,3,5-Trimethylbenzene  
 Concen: 20.952 ug/l  
 RT: 11.51 min Scan# 1791  
 Delta R.T. 0.00 min  
 Lab File: VX004024.D  
 Acq: 14 Aug 2018 11:34

Tgt Ion: 105 Resp: 303077  
 Ion Ratio Lower Upper  
 105 100  
 120 49.2 25.4 76.2





#81

trans-1,4-Dichloro-2-butene

Concen: 18.694 ug/l

RT: 11.07 min Scan# 1720

Delta R.T. -0.01 min

Lab File: VX004024.D

Acq: 14 Aug 2018 11:34

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC020

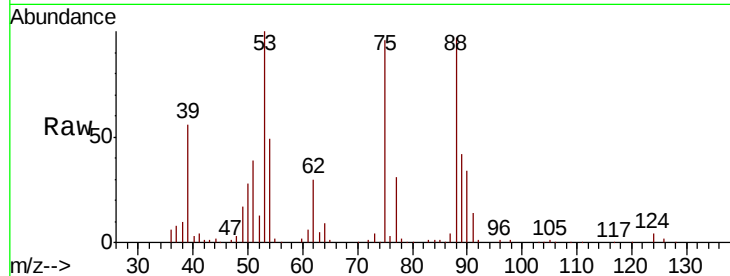
Tgt Ion: 75 Resp: 31616

Ion Ratio Lower Upper

75 100

53 108.6 80.3 120.5

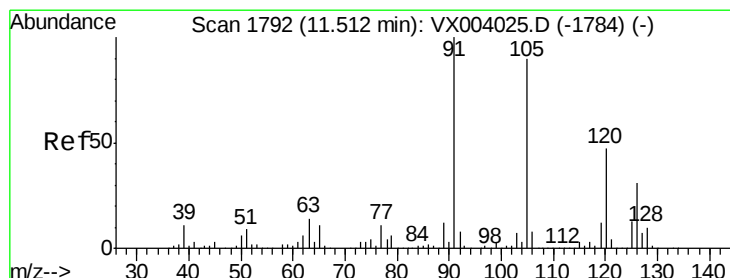
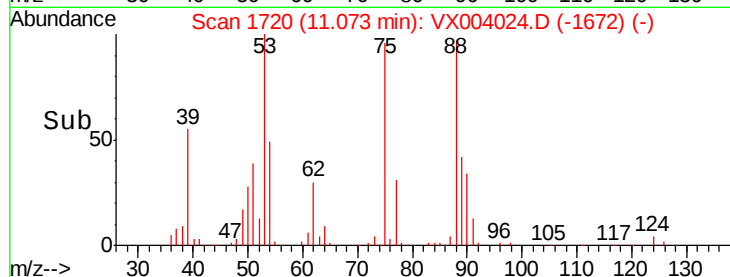
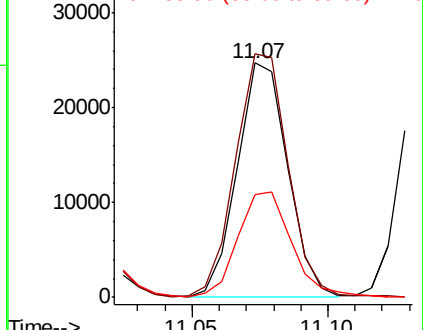
89 47.9 37.8 56.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.233 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004024.D

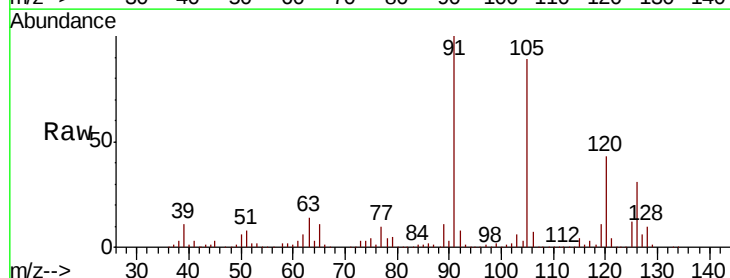
Acq: 14 Aug 2018 11:34

Tgt Ion: 91 Resp: 288155

Ion Ratio Lower Upper

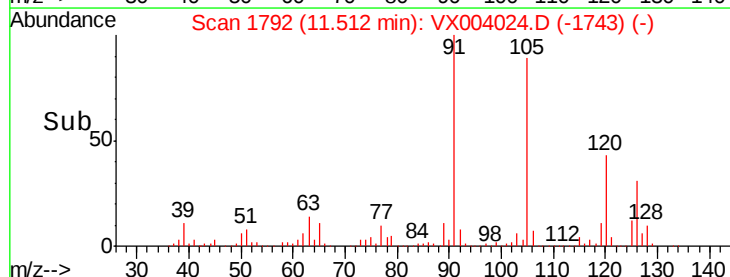
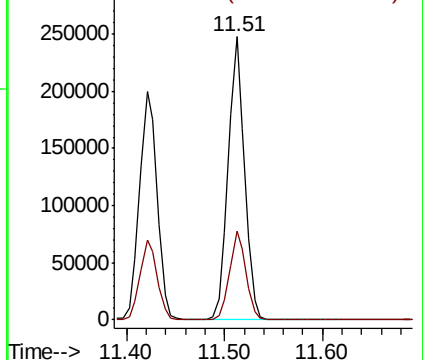
91 100

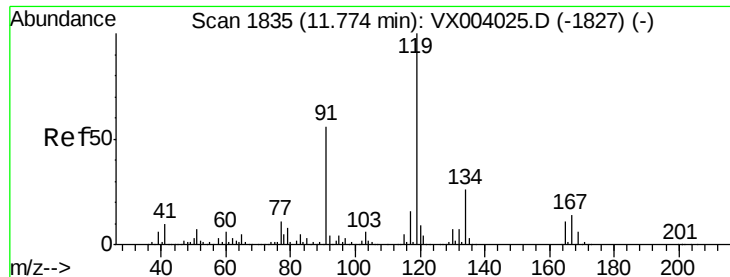
126 31.2 15.6 46.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

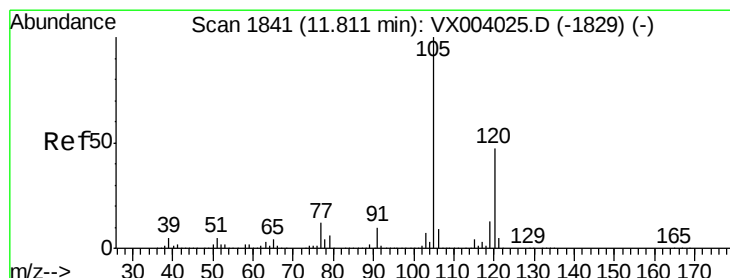
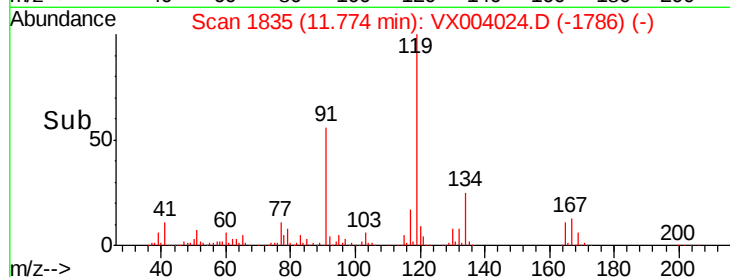
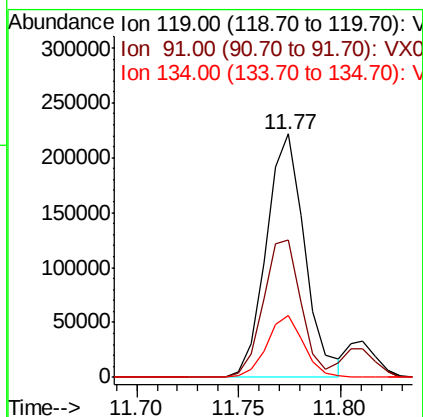
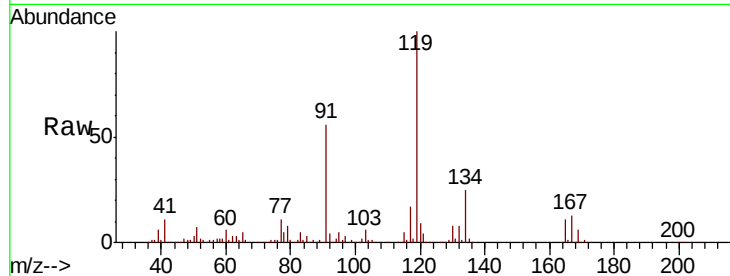




#83  
 tert-Butylbenzene  
 Concen: 20.038 ug/l  
 RT: 11.77 min Scan# 1835  
 Delta R.T. 0.00 min  
 Lab File: VX004024.D  
 Acq: 14 Aug 2018 11:34

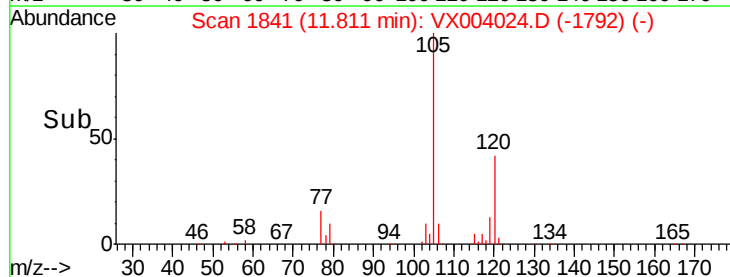
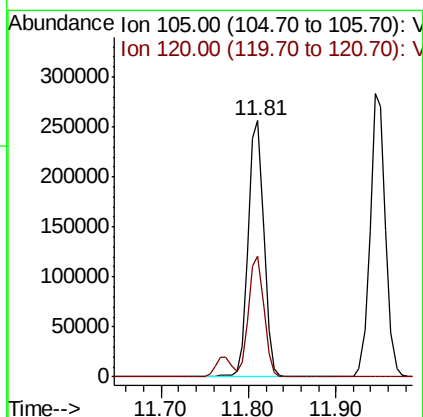
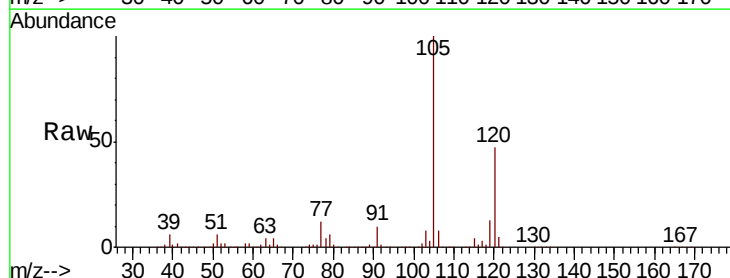
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC020

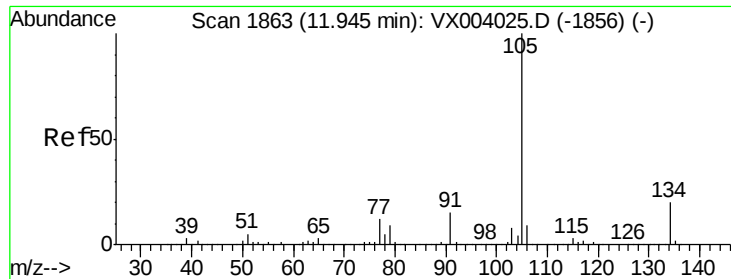
Tgt Ion:119 Resp: 292253  
 Ion Ratio Lower Upper  
 119 100  
 91 54.9 26.9 80.7  
 134 24.1 12.0 36.0



#84  
 1,2,4-Trimethylbenzene  
 Concen: 21.048 ug/l  
 RT: 11.81 min Scan# 1841  
 Delta R.T. 0.00 min  
 Lab File: VX004024.D  
 Acq: 14 Aug 2018 11:34

Tgt Ion:105 Resp: 315328  
 Ion Ratio Lower Upper  
 105 100  
 120 46.2 23.1 69.2





#85

sec-Butylbenzene

Concen: 20.519 ug/l

RT: 11.95 min Scan# 1863

Delta R.T. 0.00 min

Lab File: VX004024.D

Acq: 14 Aug 2018 11:34

Instrument :

MSVOA\_X

ClientSampleId :

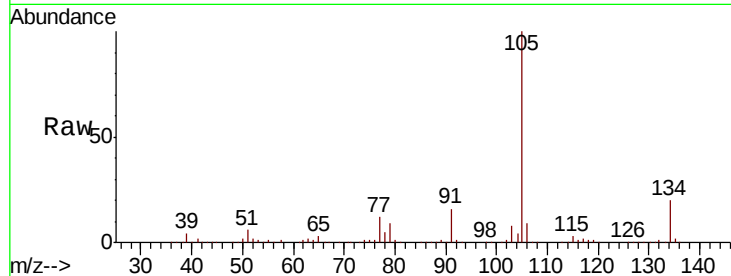
VSTDIC020

Tgt Ion:105 Resp: 350258

Ion Ratio Lower Upper

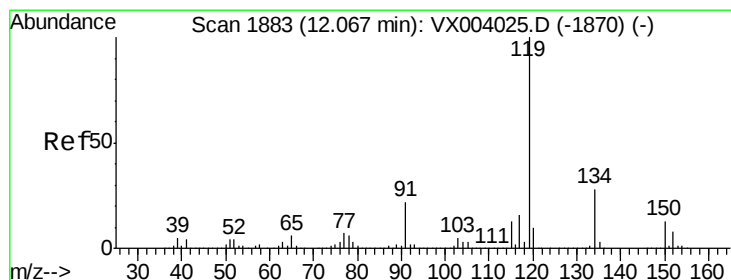
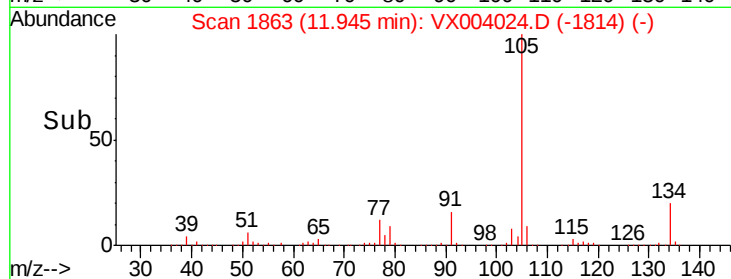
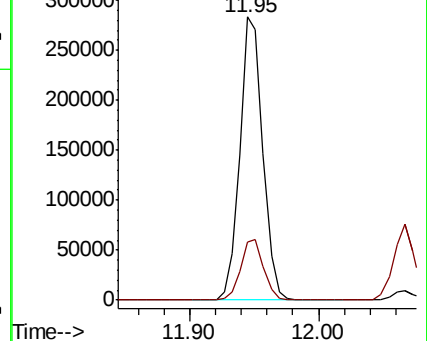
105 100

134 21.3 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: 20.638 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX004024.D

Acq: 14 Aug 2018 11:34

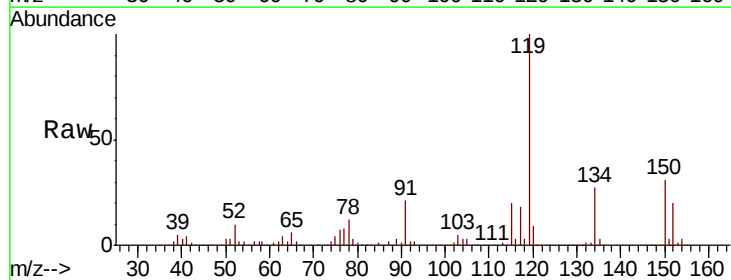
Tgt Ion:119 Resp: 318937

Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

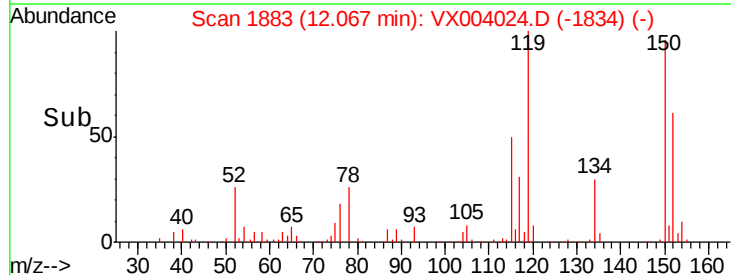
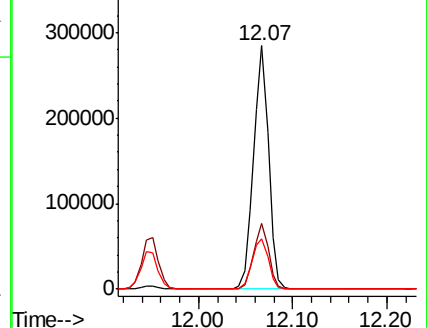
91 22.2 10.9 32.7

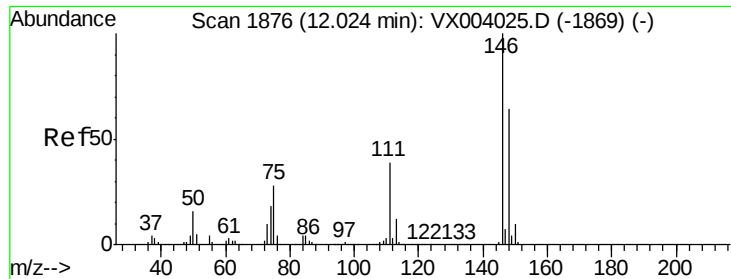


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

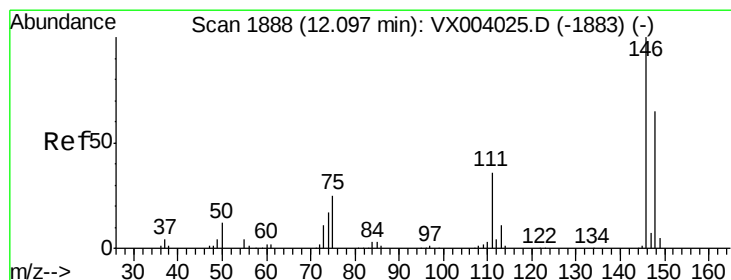
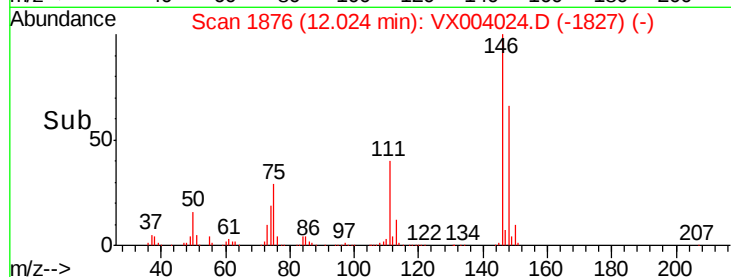
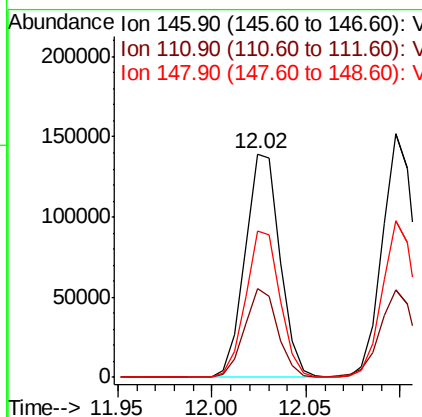
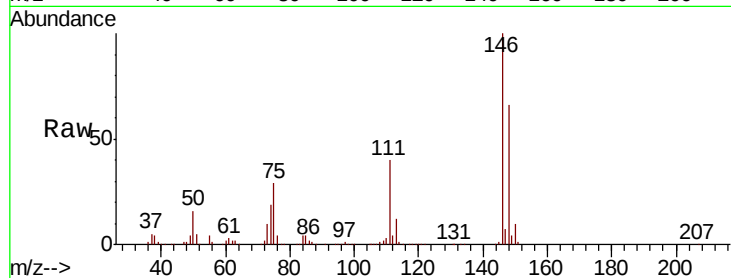




#87  
 1,3-Dichlorobenzene  
 Concen: 19.273 ug/l  
 RT: 12.02 min Scan# 1876  
 Delta R.T. 0.00 min  
 Lab File: VX004024.D  
 Acq: 14 Aug 2018 11:34

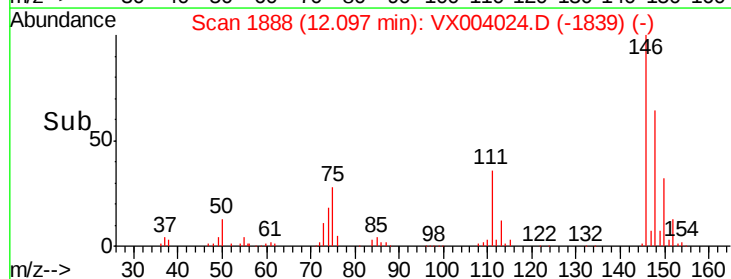
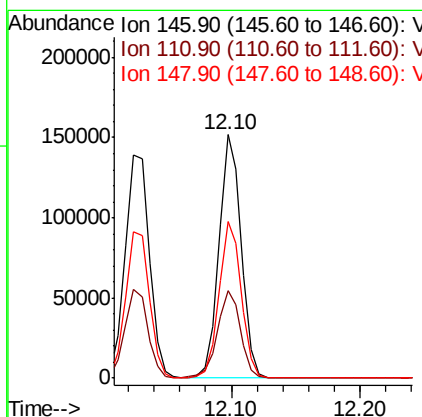
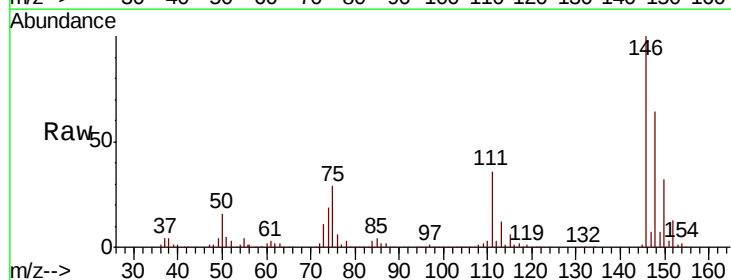
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC020

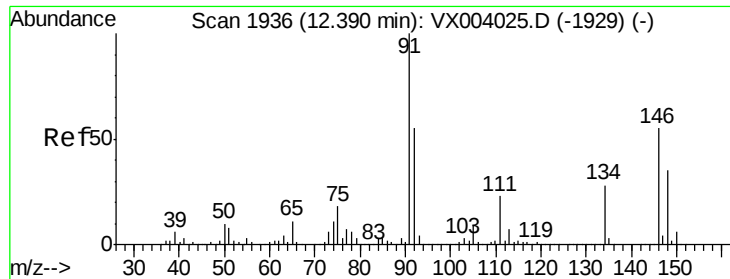
Tgt Ion:146 Resp: 179011  
 Ion Ratio Lower Upper  
 146 100  
 111 37.8 18.8 56.4  
 148 64.5 31.9 95.5



#88  
 1,4-Dichlorobenzene  
 Concen: 19.293 ug/l  
 RT: 12.10 min Scan# 1888  
 Delta R.T. 0.00 min  
 Lab File: VX004024.D  
 Acq: 14 Aug 2018 11:34

Tgt Ion:146 Resp: 184429  
 Ion Ratio Lower Upper  
 146 100  
 111 37.3 18.4 55.0  
 148 64.3 32.3 96.8





#89

n-Butylbenzene

Concen: 18.978 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX004024.D

Acq: 14 Aug 2018 11:34

Instrument :

MSVOA\_X

ClientSampled :

VSTDIC020

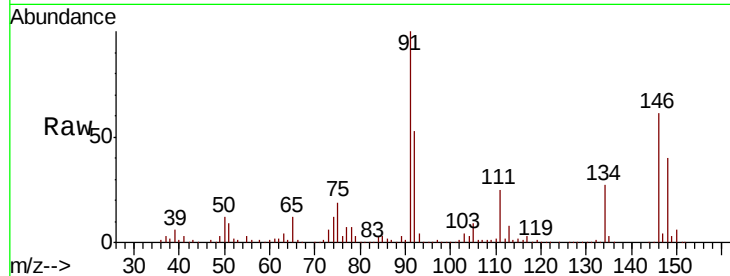
Tgt Ion: 91 Resp: 231094

Ion Ratio Lower Upper

91 100

92 53.9 27.1 81.3

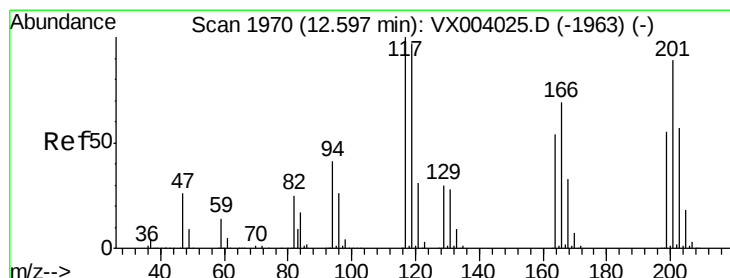
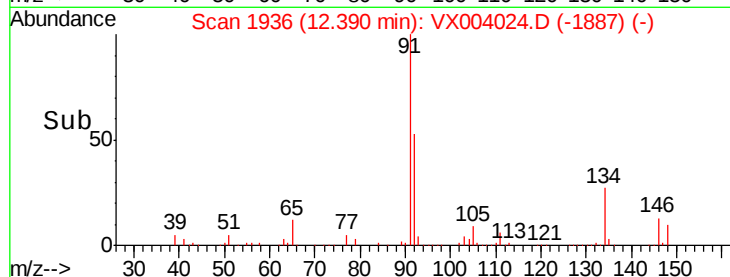
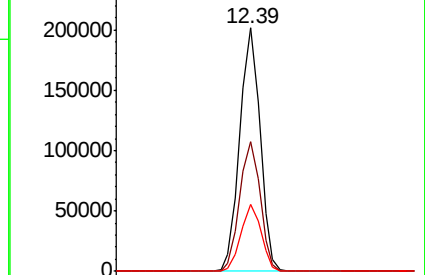
134 27.5 13.6 40.7



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) (-)



#90

Hexachloroethane

Concen: 18.307 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX004024.D

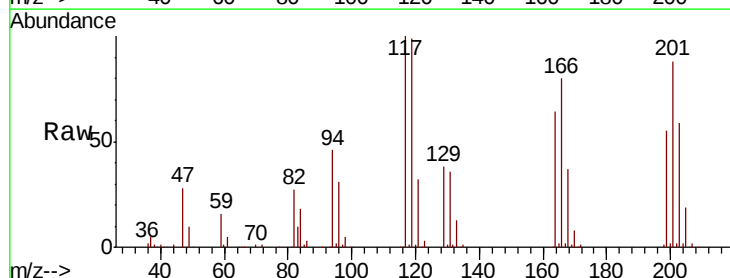
Acq: 14 Aug 2018 11:34

Tgt Ion: 117 Resp: 42331

Ion Ratio Lower Upper

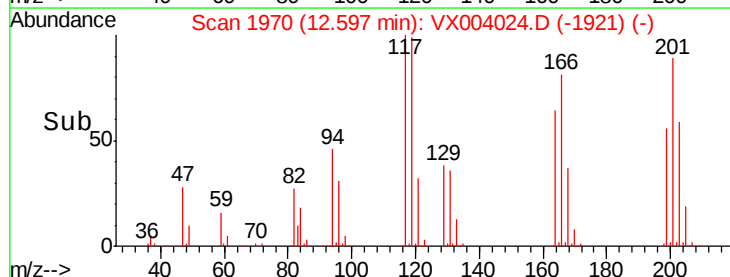
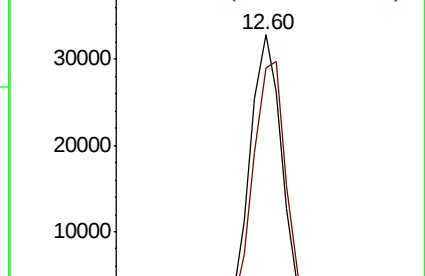
117 100

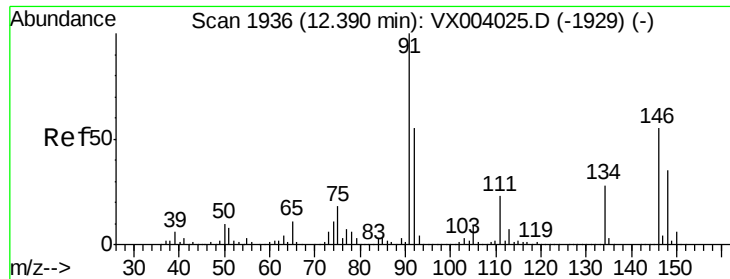
201 93.9 46.1 138.2



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

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

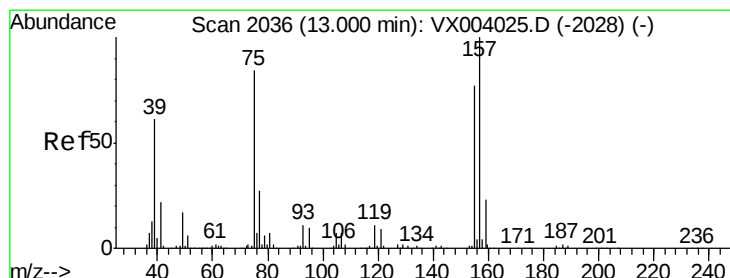
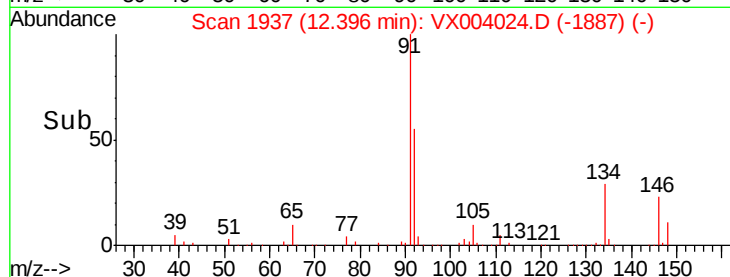
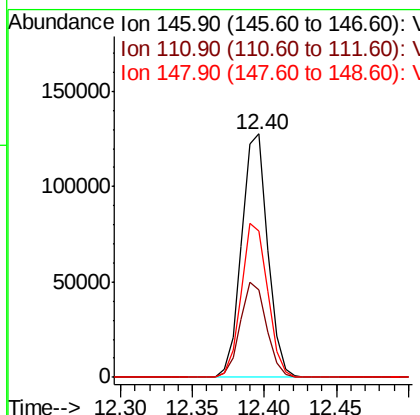
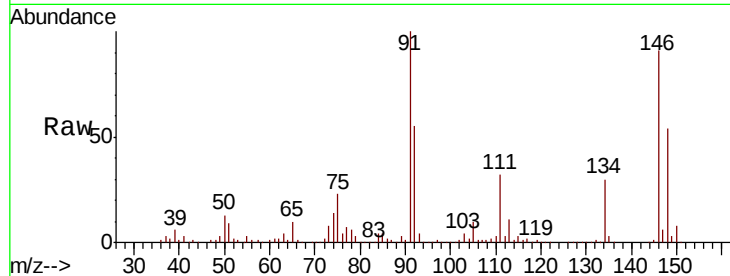




#91  
 1,2-Dichlorobenzene  
 Concen: 19.116 ug/l  
 RT: 12.40 min Scan# 1937  
 Delta R.T. 0.01 min  
 Lab File: VX004024.D  
 Acq: 14 Aug 2018 11:34

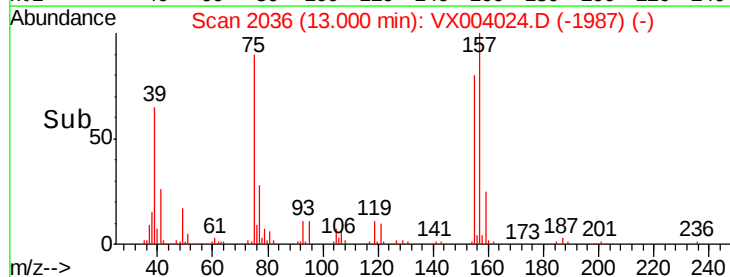
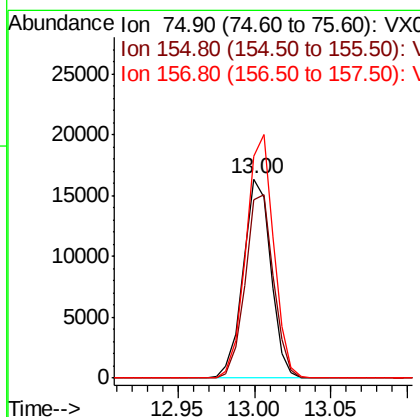
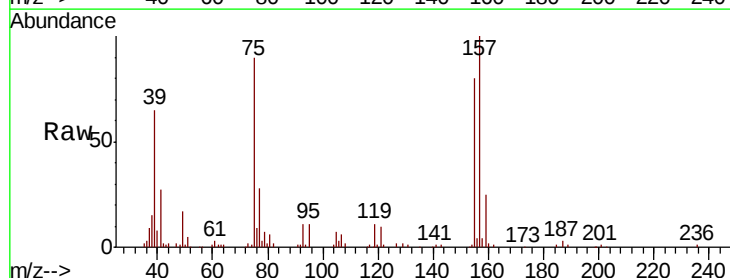
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC020

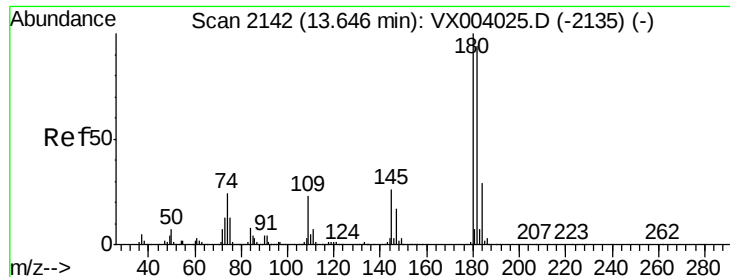
Tgt Ion:146 Resp: 160125  
 Ion Ratio Lower Upper  
 146 100  
 111 39.1 19.7 59.0  
 148 64.1 31.9 95.5



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 18.936 ug/l  
 RT: 13.00 min Scan# 2036  
 Delta R.T. 0.00 min  
 Lab File: VX004024.D  
 Acq: 14 Aug 2018 11:34

Tgt Ion: 75 Resp: 20532  
 Ion Ratio Lower Upper  
 75 100  
 155 94.2 48.7 146.1  
 157 122.0 62.6 187.8

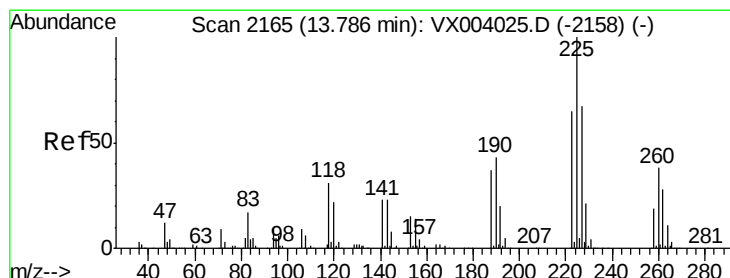
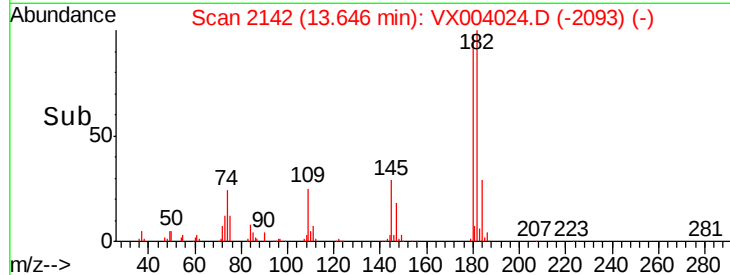
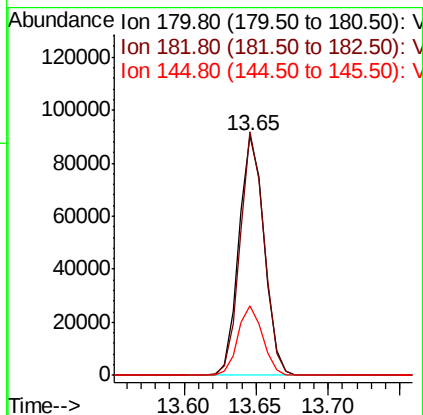
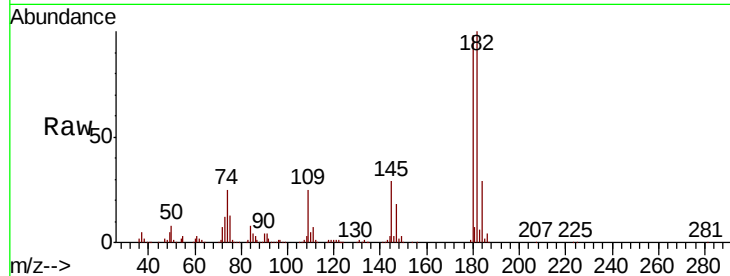




#93  
 1,2,4-Trichlorobenzene  
 Concen: 19.271 ug/l  
 RT: 13.65 min Scan# 2142  
 Delta R.T. 0.00 min  
 Lab File: VX004024.D  
 Acq: 14 Aug 2018 11:34

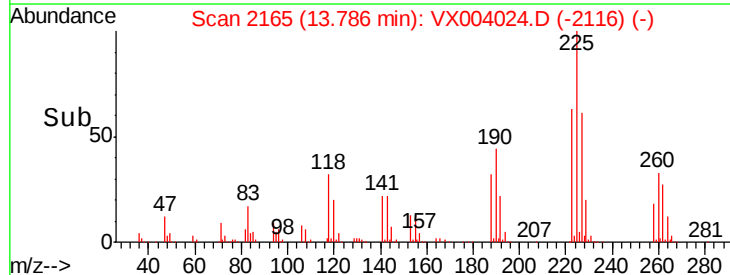
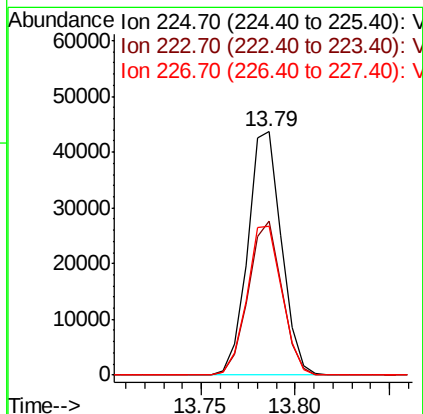
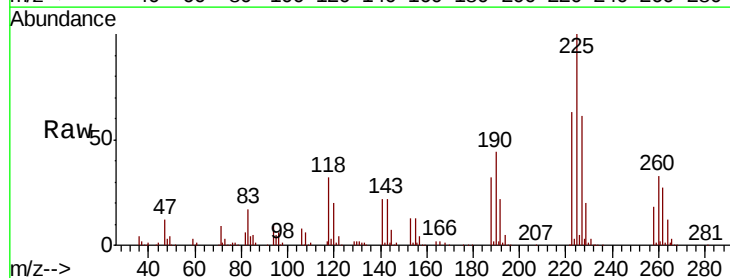
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC020

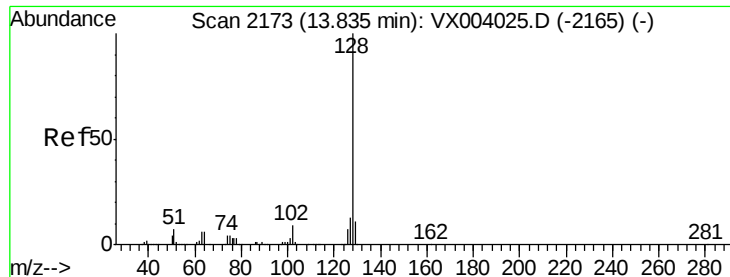
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.1  | 47.7  | 143.1 |
| 145     | 28.5  | 13.9  | 41.6  |



#94  
 Hexachlorobutadiene  
 Concen: 18.871 ug/l  
 RT: 13.79 min Scan# 2165  
 Delta R.T. 0.00 min  
 Lab File: VX004024.D  
 Acq: 14 Aug 2018 11:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.8  | 31.4  | 94.0  |
| 227     | 63.7  | 32.1  | 96.5  |





#95

Naphthalene

Concen: 18.929 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX004024.D

Acq: 14 Aug 2018 11:34

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC020

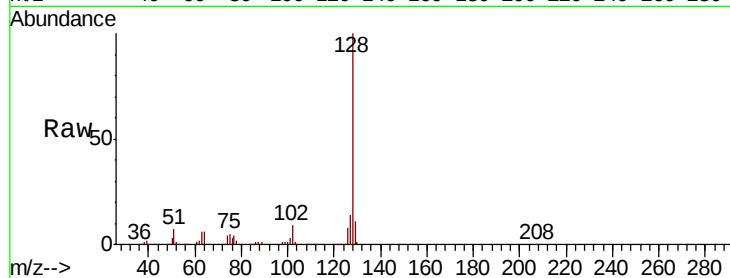
Tgt Ion:128 Resp: 332219

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.2

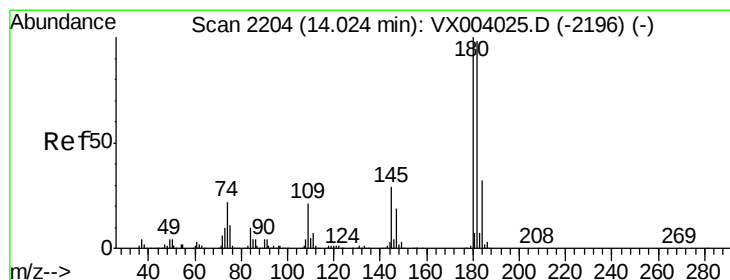
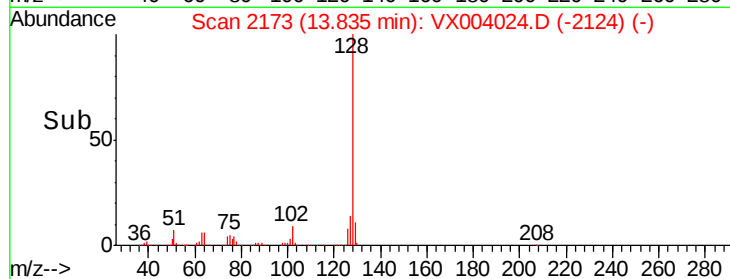
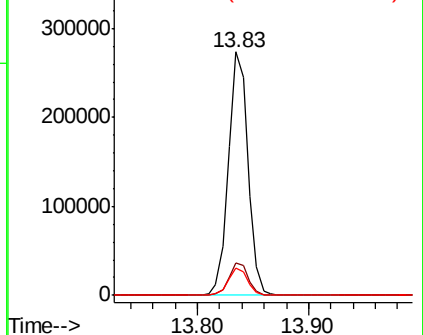
129 11.1 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.136 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX004024.D

Acq: 14 Aug 2018 11:34

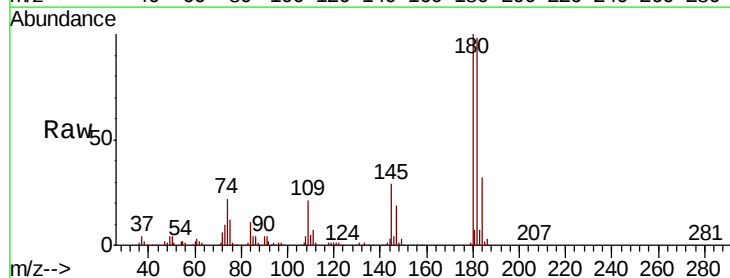
Tgt Ion:180 Resp: 125726

Ion Ratio Lower Upper

180 100

182 96.1 48.1 144.4

145 30.0 14.9 44.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

