

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX072418\  
 Data File : VX003644.D  
 Acq On : 24 Jul 2018 17:08  
 Operator : JC/SP  
 Sample : VSTDIC020  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC020

Quant Time: Jul 27 01:41:46 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X072418W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 27 01:36:37 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 115978   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 168642   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 161974   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 96022    | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 6.07   | 65  | 35542    | 20.69 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 41.38% |      |
| 35) Dibromofluoromethane  | 5.50   | 113 | 28747    | 20.85 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 41.70% |      |
| 50) Toluene-d8            | 8.72   | 98  | 109599   | 20.83 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 41.66% |      |
| 62) 4-Bromofluorobenzene  | 11.14  | 95  | 39057    | 20.35 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 40.70% |      |

## Target Compounds

|                               |      |     |        |         |      | Qvalue |
|-------------------------------|------|-----|--------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 26264  | 19.884  | ug/l | 91     |
| 3) Chloromethane              | 1.32 | 50  | 32257  | 18.539  | ug/l | 100    |
| 4) Vinyl Chloride             | 1.40 | 62  | 35601  | 20.005  | ug/l | 98     |
| 5) Bromomethane               | 1.64 | 94  | 17159  | 19.968  | ug/l | 95     |
| 6) Chloroethane               | 1.72 | 64  | 21597  | 19.877  | ug/l | 98     |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 46916  | 20.480  | ug/l | 93     |
| 8) Diethyl Ether              | 2.19 | 74  | 19555  | 19.481  | ug/l | 94     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 27333  | 19.387  | ug/l | 96     |
| 10) Methyl Iodide             | 2.51 | 142 | 33191  | 18.994  | ug/l | 100    |
| 11) Tert butyl alcohol        | 3.08 | 59  | 40675  | 99.048  | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 26576  | 19.811  | ug/l | 92     |
| 13) Acrolein                  | 2.29 | 56  | 20598  | 107.693 | ug/l | 100    |
| 14) Allyl chloride            | 2.73 | 41  | 56325  | 20.142  | ug/l | 97     |
| 15) Acrylonitrile             | 3.15 | 53  | 98083  | 98.852  | ug/l | 100    |
| 16) Acetone                   | 2.45 | 43  | 78197  | 96.887  | ug/l | 99     |
| 17) Carbon Disulfide          | 2.57 | 76  | 74355  | 19.270  | ug/l | 100    |
| 18) Methyl Acetate            | 2.78 | 43  | 48886  | 20.055  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 3.21 | 73  | 92457  | 19.515  | ug/l | 98     |
| 20) Methylene Chloride        | 2.85 | 84  | 31667  | 19.801  | ug/l | 97     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 28285  | 19.609  | ug/l | 99     |
| 22) Diisopropyl ether         | 3.88 | 45  | 104481 | 20.463  | ug/l | # 93   |
| 23) Vinyl Acetate             | 3.83 | 43  | 442602 | 101.195 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 56464  | 19.621  | ug/l | 100    |
| 25) 2-Butanone                | 4.71 | 43  | 123836 | 99.320  | ug/l | 99     |
| 26) 2,2-Dichloropropane       | 4.59 | 77  | 36008  | 19.790  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 30652  | 19.571  | ug/l | 93     |
| 28) Bromochloromethane        | 5.02 | 49  | 21563  | 18.673  | ug/l | 100    |
| 29) Tetrahydrofuran           | 5.17 | 42  | 79560  | 98.023  | ug/l | 97     |
| 30) Chloroform                | 5.21 | 83  | 52816  | 20.235  | ug/l | 92     |
| 31) Cyclohexane               | 5.57 | 56  | 46266  | 20.029  | ug/l | 99     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 42854  | 19.770  | ug/l | 96     |
| 36) 1,1-Dichloropropene       | 5.81 | 75  | 38894  | 19.731  | ug/l | 100    |
| 37) Ethyl Acetate             | 4.87 | 43  | 46932  | 19.800  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 37986  | 19.993  | ug/l | 92     |

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Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC020

Quant Time: Jul 27 01:41:46 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X072418W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 27 01:36:37 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 43594    | 20.091  | ug/l   | 97       |
| 40) Benzene                    | 6.15  | 78   | 120155   | 20.598  | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.07  | 41   | 25947    | 19.768  | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 41273    | 20.102  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 6.48  | 43   | 69347    | 20.055  | ug/l   | 99       |
| 44) Trichloroethene            | 7.22  | 130  | 31303    | 20.014  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 31570    | 20.936  | ug/l   | 97       |
| 46) Dibromomethane             | 7.66  | 93   | 19783    | 20.423  | ug/l   | 98       |
| 47) Bromodichloromethane       | 7.90  | 83   | 36273    | 19.972  | ug/l   | 98       |
| 48) Methyl methacrylate        | 7.78  | 41   | 35509    | 20.236  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.76  | 88   | 16120    | 411.775 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 237162   | 101.650 | ug/l   | 99       |
| 52) Toluene                    | 8.79  | 92   | 73826    | 20.360  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.05  | 75   | 39662    | 18.194  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 8.44  | 75   | 44241    | 21.656  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 9.22  | 97   | 30277    | 20.427  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 9.19  | 69   | 44736    | 20.282  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 9.38  | 76   | 50821    | 20.420  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.32  | 63   | 115481   | 104.189 | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.50  | 43   | 182659   | 102.061 | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.59  | 129  | 28357    | 20.171  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 9.68  | 107  | 31423    | 20.360  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.34  | 164  | 29266    | 19.763  | ug/l   | 97       |
| 65) Chlorobenzene              | 10.14 | 112  | 81644    | 20.029  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.23 | 131  | 28040    | 19.786  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.26 | 91   | 136060   | 19.940  | ug/l   | 100      |
| 68) m/p-Xylenes                | 10.36 | 106  | 106810   | 40.804  | ug/l   | 99       |
| 69) o-Xylene                   | 10.70 | 106  | 51059    | 20.261  | ug/l   | 99       |
| 70) Styrene                    | 10.71 | 104  | 86833    | 20.513  | ug/l   | 99       |
| 71) Bromoform                  | 10.86 | 173  | 21294    | 19.002  | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 137304   | 20.929  | ug/l   | 100      |
| 74) N-amyl acetate             | 6.48  | 43   | 69347    | 20.267  | ug/l # | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 48684    | 20.095  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 54557    | 27.088  | ug/l   | 83       |
| 77) Bromobenzene               | 11.26 | 156  | 36121    | 20.272  | ug/l   | 99       |
| 78) n-propylbenzene            | 11.37 | 91   | 158655   | 20.943  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.43 | 91   | 95092    | 20.653  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 117488   | 21.167  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.08 | 75   | 12780    | 19.660  | ug/l   | 93       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 112109   | 20.670  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.77 | 119  | 110870   | 20.413  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 120817   | 21.179  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.95 | 105  | 135282   | 20.869  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 119348   | 20.512  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.03 | 146  | 67000    | 20.190  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 68156    | 19.755  | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.39 | 91   | 104511   | 19.929  | ug/l   | 98       |
| 90) Hexachloroethane           | 12.60 | 117  | 16657    | 18.904  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 12.40 | 146  | 68442    | 20.187  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.01 | 75   | 9980     | 19.789  | ug/l   | 100      |

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Operator : JC/SP  
Sample : VSTDIC020  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 4 Sample Multiplier: 1

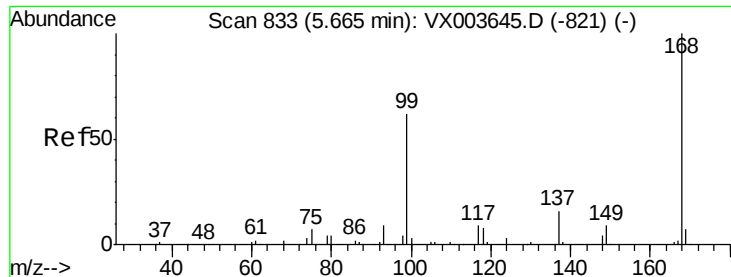
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

Quant Time: Jul 27 01:41:46 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X072418W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jul 27 01:36:37 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 47051    | 19.449 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.79 | 225  | 21653    | 19.346 | ug/l  | 99       |
| 95) Naphthalene            | 13.83 | 128  | 147637   | 20.177 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 48595    | 19.775 | ug/l  | 98       |

(#) = 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: VX003644.D

Acq: 24 Jul 2018 17:08

Instrument :

MSVOA\_X

ClientSampleId :

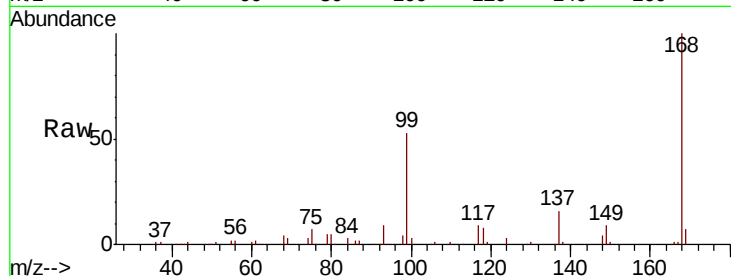
VSTDIC020

Tgt Ion:168 Resp: 115978

Ion Ratio Lower Upper

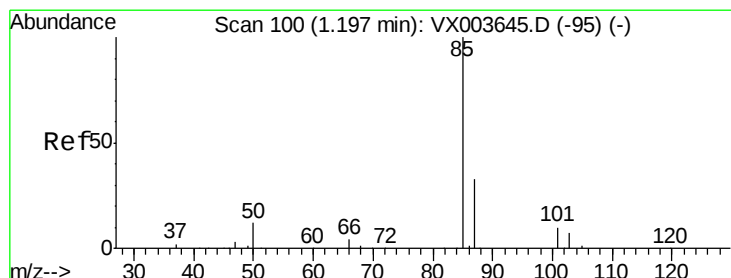
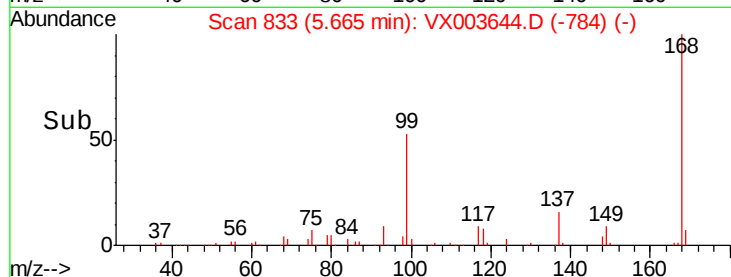
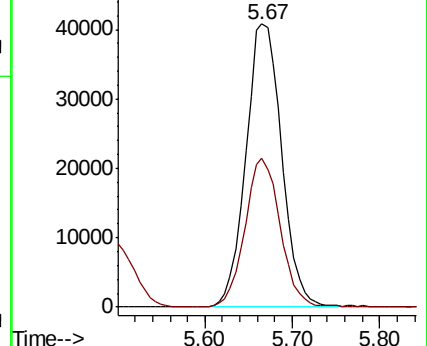
168 100

99 52.7 49.5 74.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.884 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003644.D

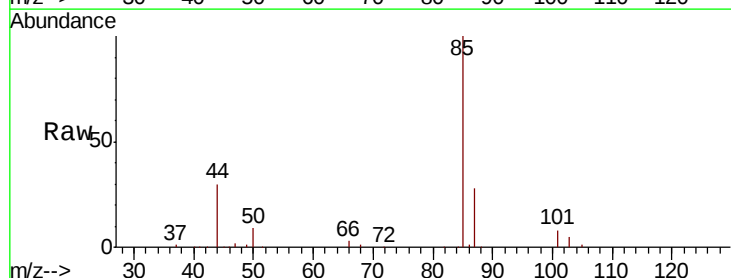
Acq: 24 Jul 2018 17:08

Tgt Ion: 85 Resp: 26264

Ion Ratio Lower Upper

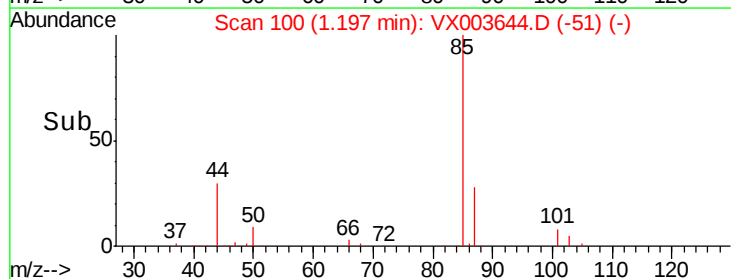
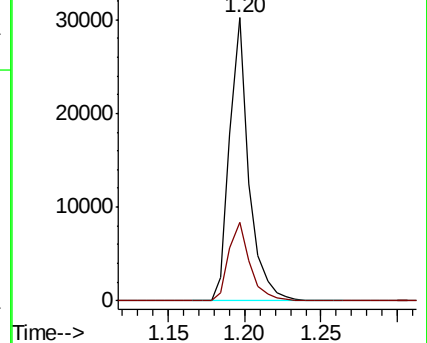
85 100

87 28.0 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.539 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX003644.D

Acq: 24 Jul 2018 17:08

Instrument :

MSVOA\_X

ClientSampleId :

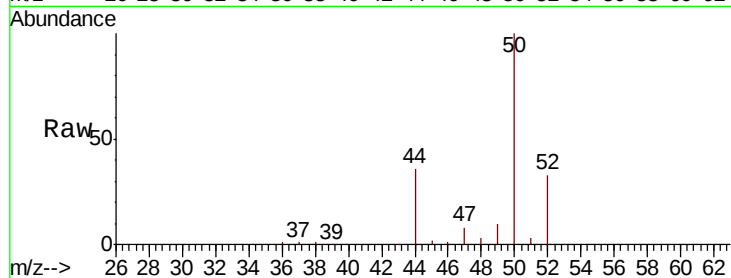
VSTDIC020

Tgt Ion: 50 Resp: 32257

Ion Ratio Lower Upper

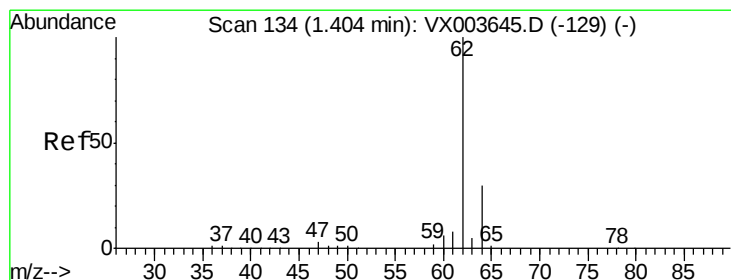
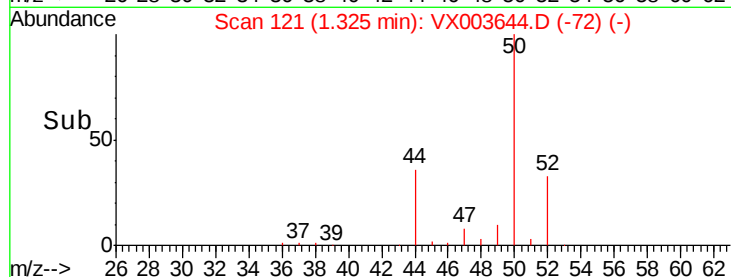
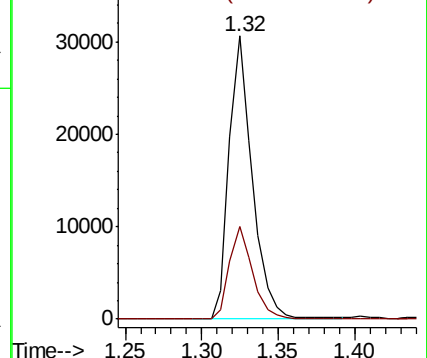
50 100

52 32.8 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.005 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003644.D

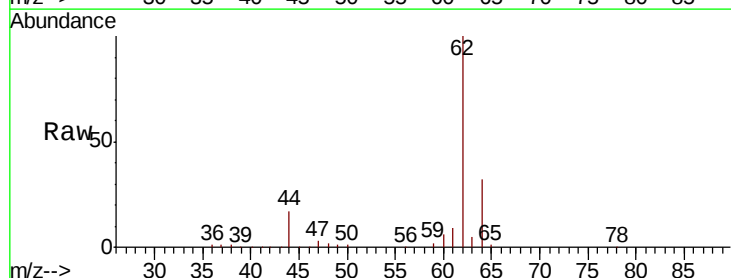
Acq: 24 Jul 2018 17:08

Tgt Ion: 62 Resp: 35601

Ion Ratio Lower Upper

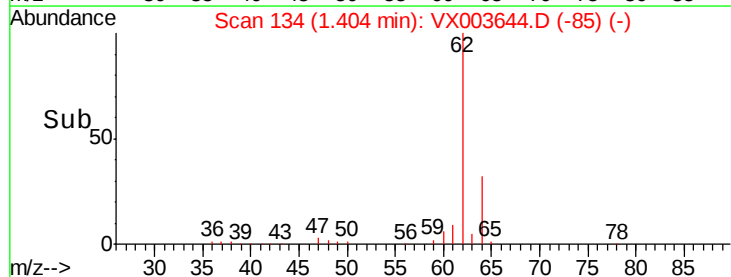
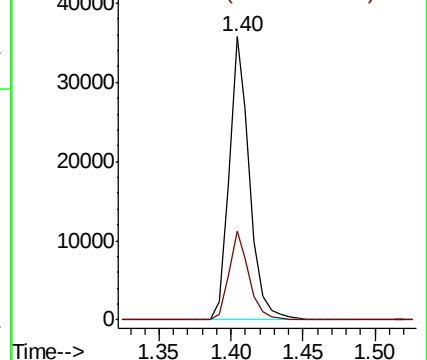
62 100

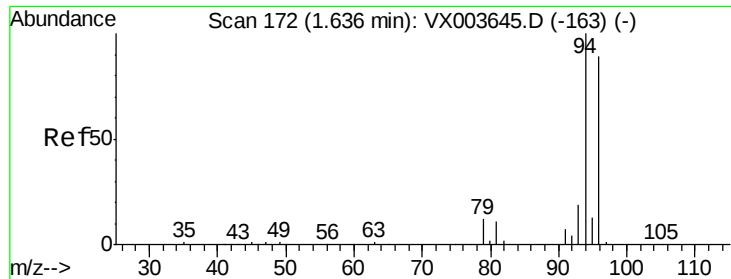
64 31.5 24.4 36.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.968 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003644.D

Acq: 24 Jul 2018 17:08

Instrument :

MSVOA\_X

ClientSampleId :

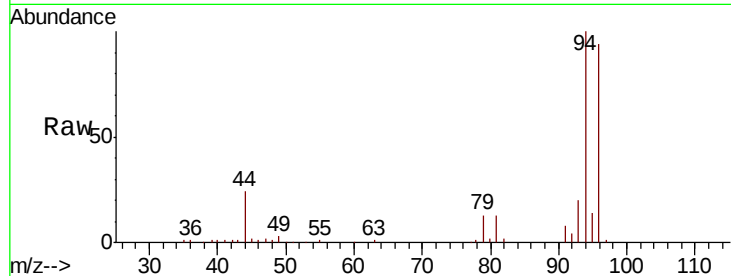
VSTDIC020

Tgt Ion: 94 Resp: 17159

Ion Ratio Lower Upper

94 100

96 93.6 71.3 106.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

20000

15000

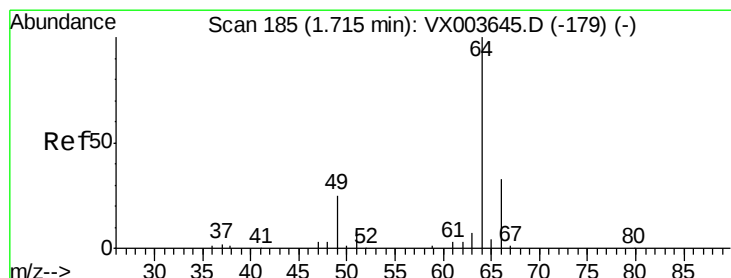
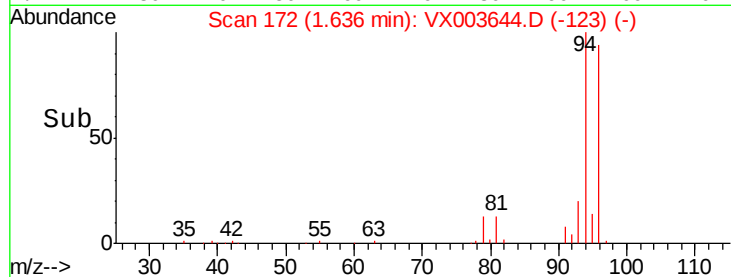
10000

5000

0

Time-->

1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 19.877 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003644.D

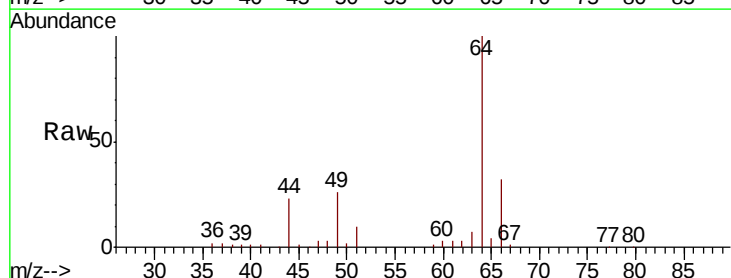
Acq: 24 Jul 2018 17:08

Tgt Ion: 64 Resp: 21597

Ion Ratio Lower Upper

64 100

66 31.9 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

20000

15000

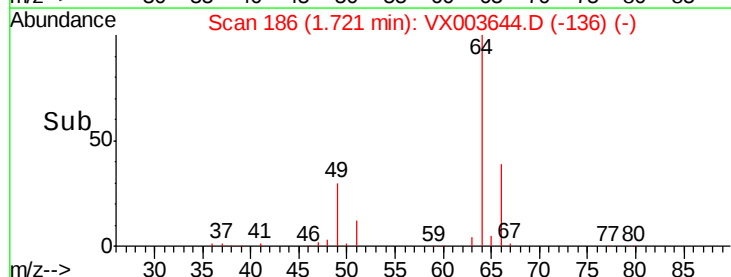
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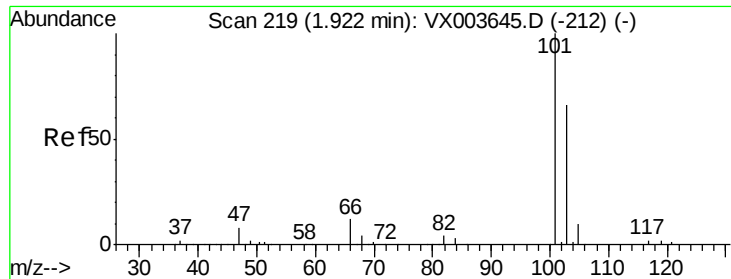
5000

0

Time-->

1.65 1.70 1.75 1.80



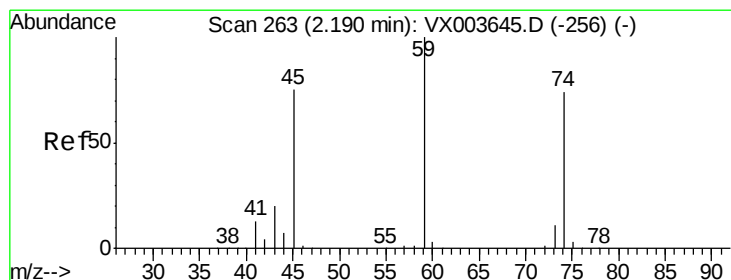
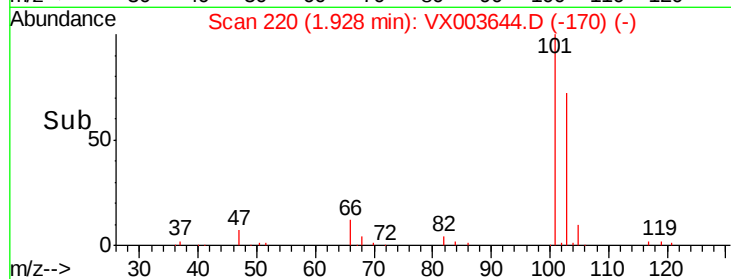
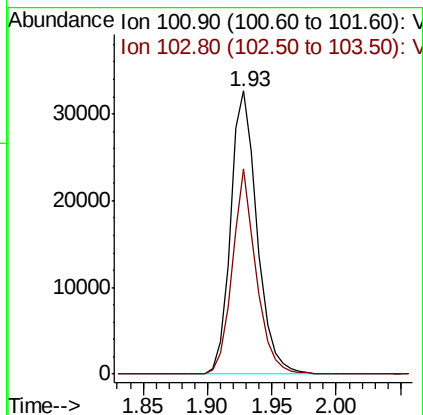
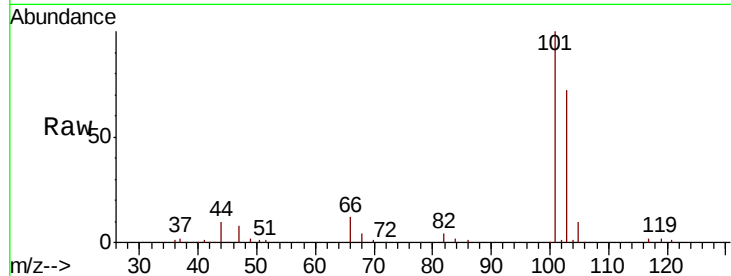


#7

Trichlorofluoromethane  
Concen: 20.480 ug/l  
RT: 1.93 min Scan# 220  
Delta R.T. 0.01 min  
Lab File: VX003644.D  
Acq: 24 Jul 2018 17:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

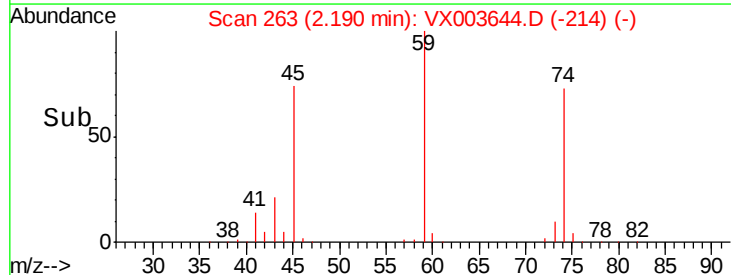
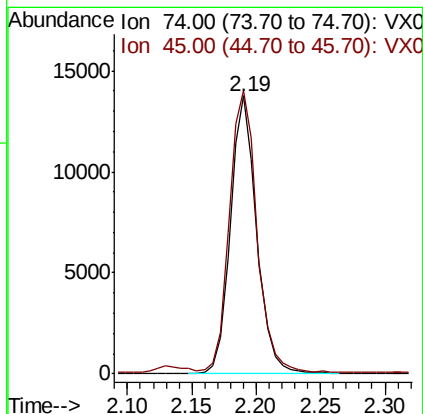
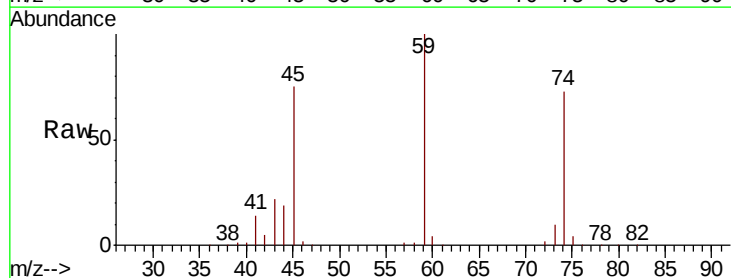
Tgt Ion:101 Resp: 46916  
Ion Ratio Lower Upper  
101 100  
103 72.4 53.2 79.8

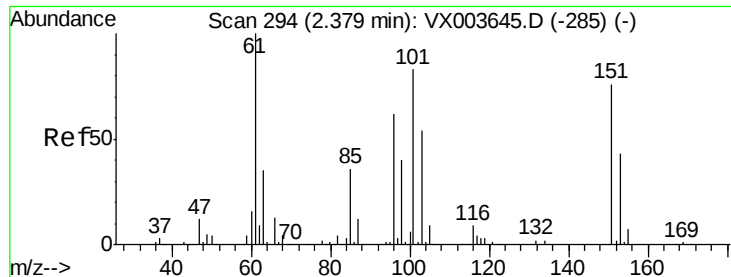


#8

Diethyl Ether  
Concen: 19.481 ug/l  
RT: 2.19 min Scan# 263  
Delta R.T. -0.00 min  
Lab File: VX003644.D  
Acq: 24 Jul 2018 17:08

Tgt Ion: 74 Resp: 19555  
Ion Ratio Lower Upper  
74 100  
45 107.8 51.0 153.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.387 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003644.D

Acq: 24 Jul 2018 17:08

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC020

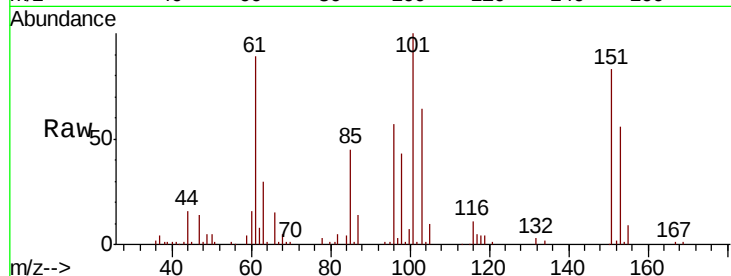
Tgt Ion:101 Resp: 27333

Ion Ratio Lower Upper

101 100

85 45.7 34.6 52.0

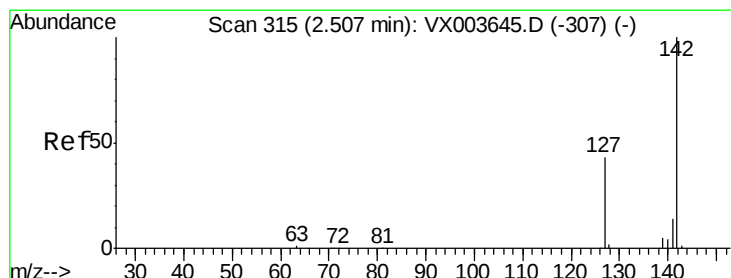
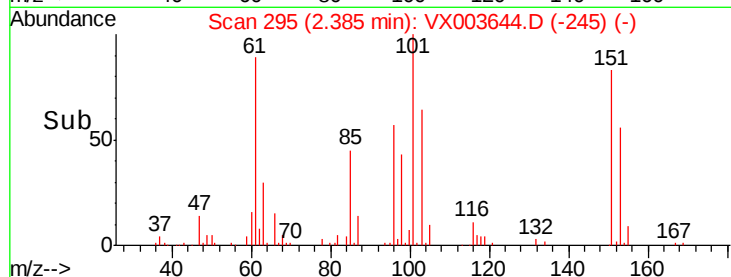
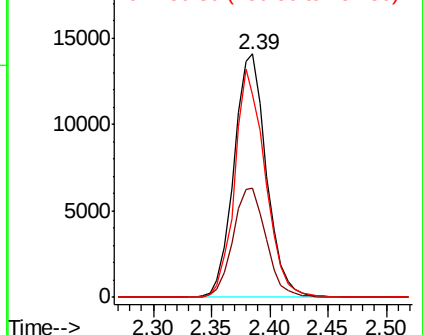
151 88.0 67.5 101.3



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: 18.994 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX003644.D

Acq: 24 Jul 2018 17:08

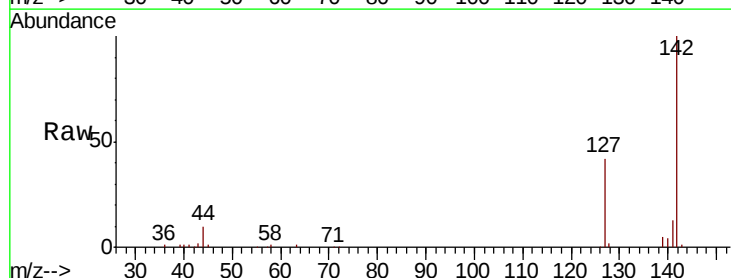
Tgt Ion:142 Resp: 33191

Ion Ratio Lower Upper

142 100

127 42.7 34.0 51.0

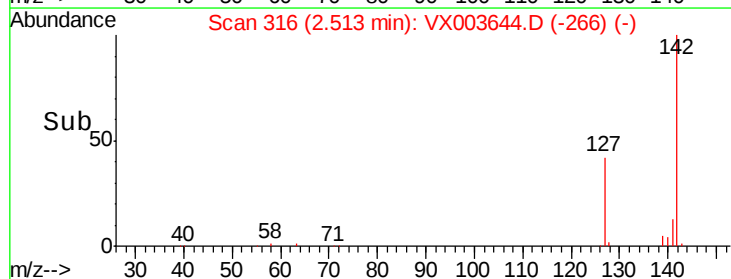
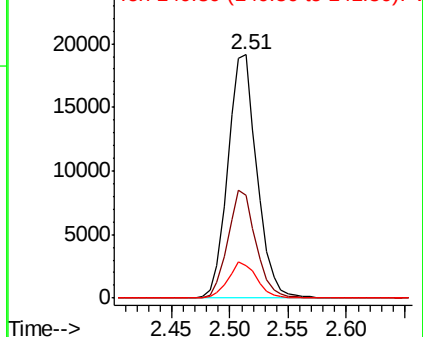
141 14.4 11.3 16.9

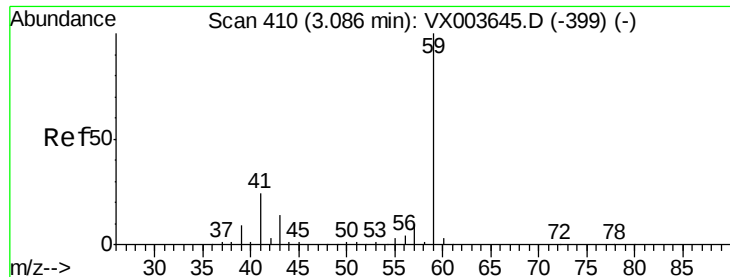


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

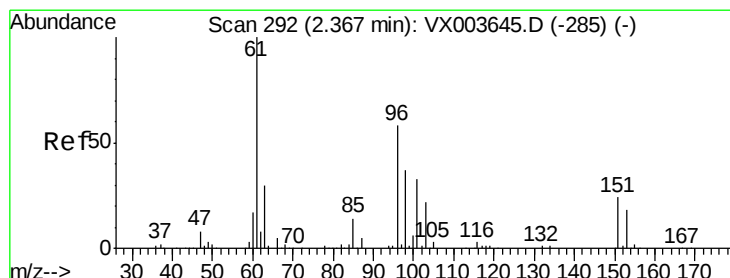
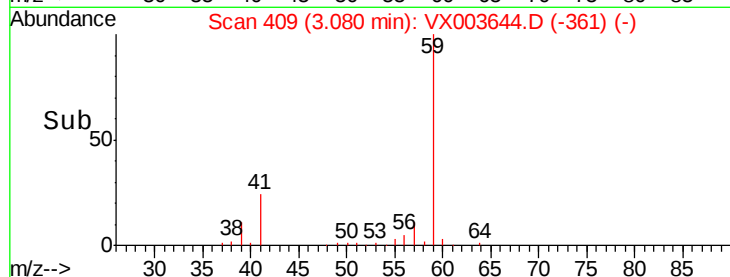
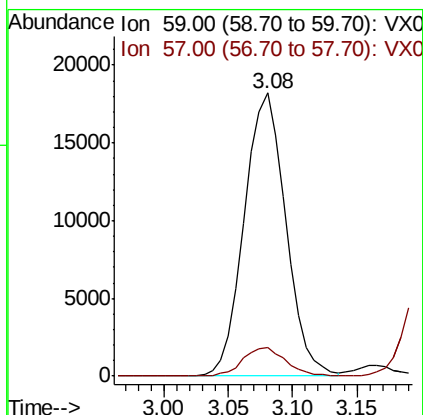
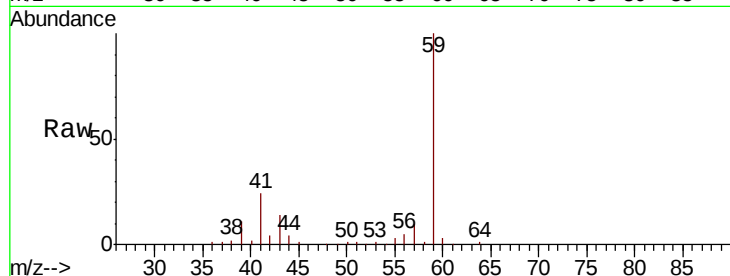




#11  
Tert butyl alcohol  
Concen: 99.048 ug/l  
RT: 3.08 min Scan# 409  
Delta R.T. -0.01 min  
Lab File: VX003644.D  
Acq: 24 Jul 2018 17:08

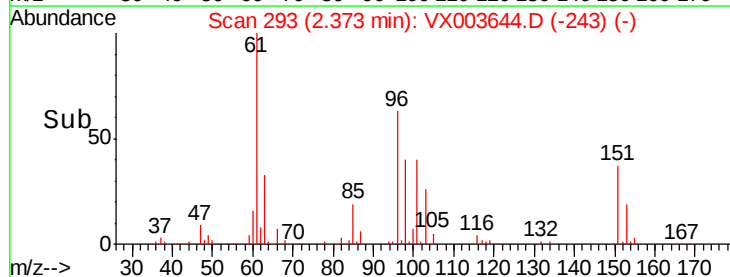
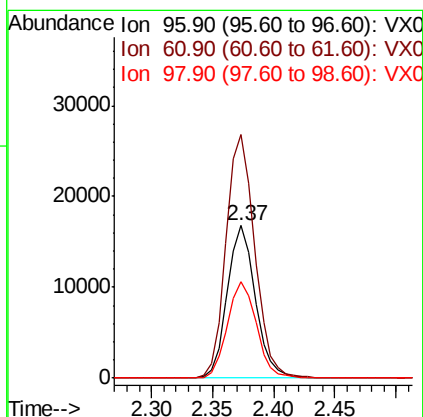
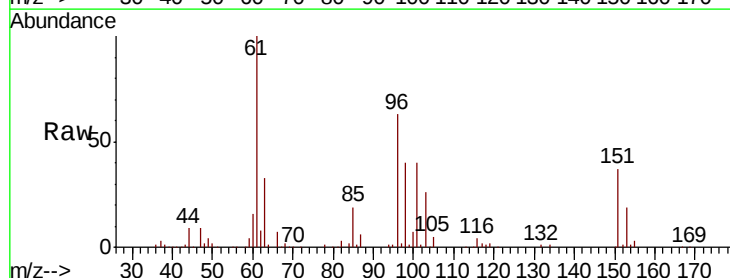
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

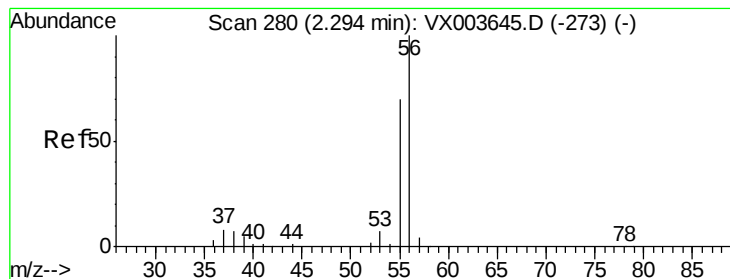
Tgt Ion: 59 Resp: 40675  
Ion Ratio Lower Upper  
59 100  
57 10.4 8.2 12.4



#12  
1,1-Dichloroethene  
Concen: 19.811 ug/l  
RT: 2.37 min Scan# 293  
Delta R.T. 0.01 min  
Lab File: VX003644.D  
Acq: 24 Jul 2018 17:08

Tgt Ion: 96 Resp: 26576  
Ion Ratio Lower Upper  
96 100  
61 159.7 138.8 208.2  
98 63.2 51.4 77.2





#13

Acrolein

Concen: 107.693 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003644.D

Acq: 24 Jul 2018 17:08

Instrument :

MSVOA\_X

ClientSampleId :

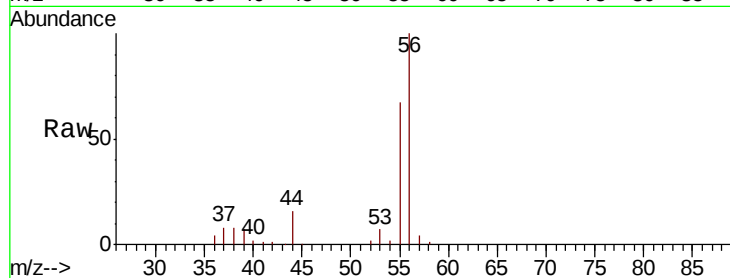
VSTDIC020

Tgt Ion: 56 Resp: 20598

Ion Ratio Lower Upper

56 100

55 69.6 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

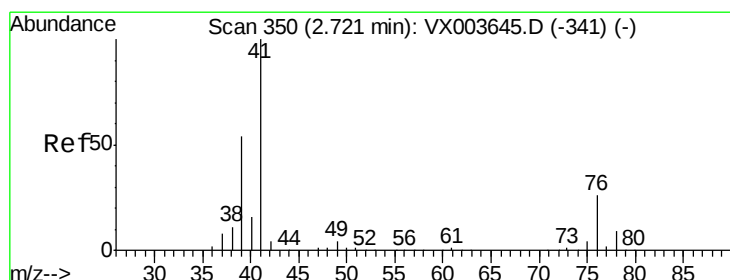
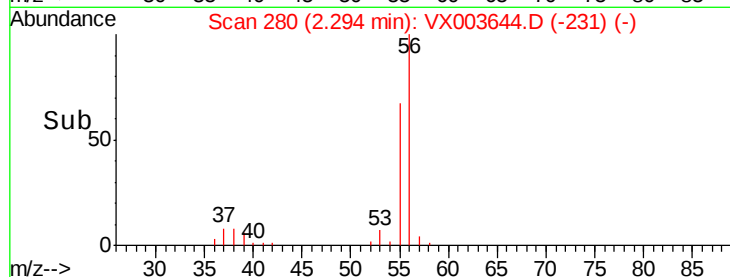
15000

10000

5000

0

Time--> 2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 20.142 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.01 min

Lab File: VX003644.D

Acq: 24 Jul 2018 17:08

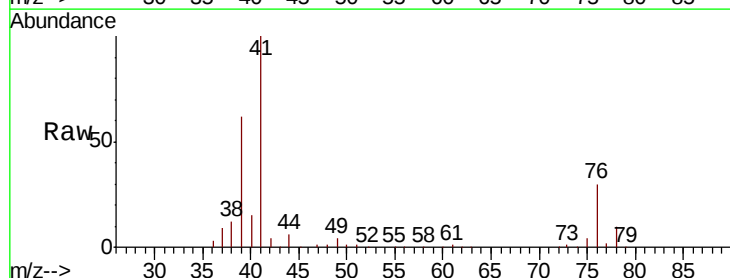
Tgt Ion: 41 Resp: 56325

Ion Ratio Lower Upper

41 100

39 59.0 45.3 67.9

76 28.9 23.8 35.6



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

60000

50000

40000

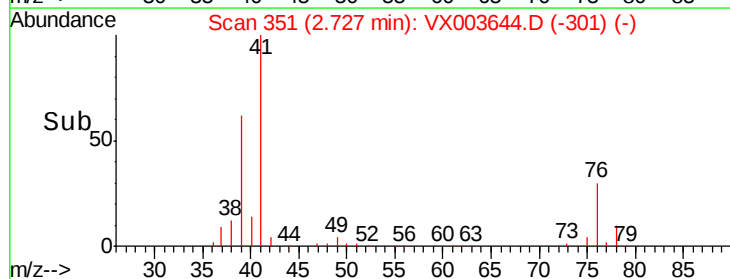
30000

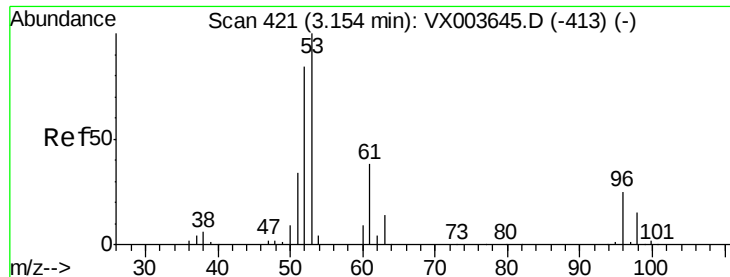
20000

10000

0

Time--> 2.60 2.70 2.80





#15

Acrylonitrile

Concen: 98.852 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003644.D

Acq: 24 Jul 2018 17:08

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC020

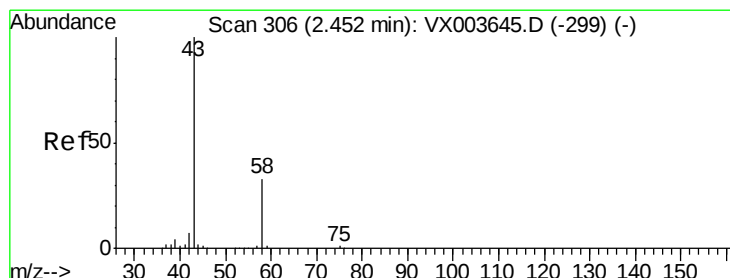
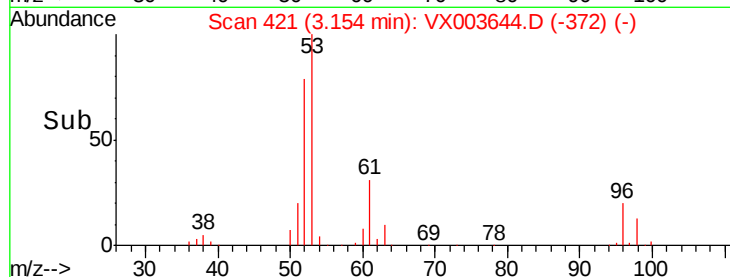
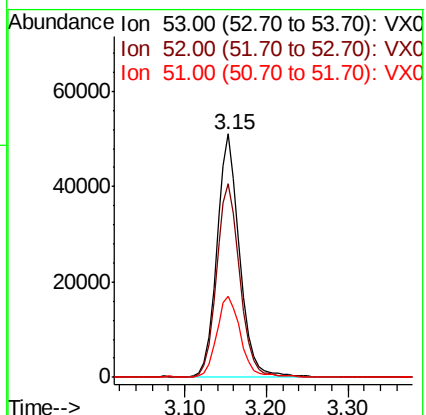
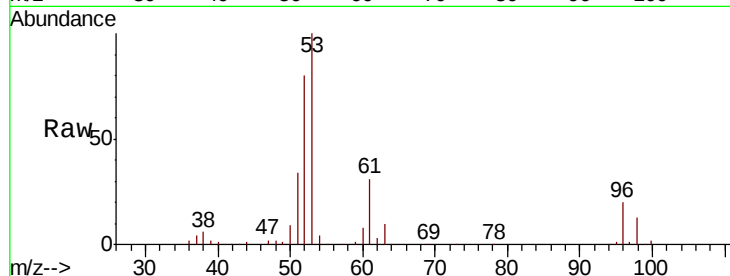
Tgt Ion: 53 Resp: 98083

Ion Ratio Lower Upper

53 100

52 82.9 66.1 99.1

51 35.6 28.2 42.4



#16

Acetone

Concen: 96.887 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003644.D

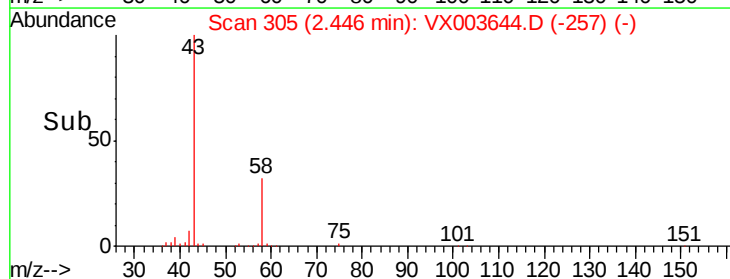
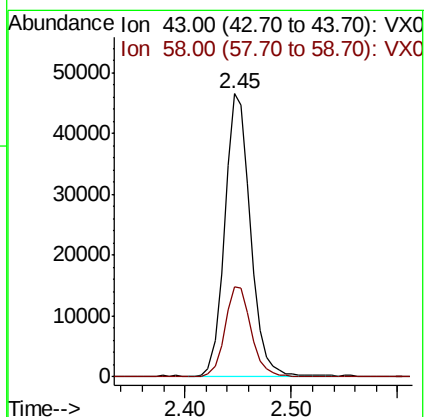
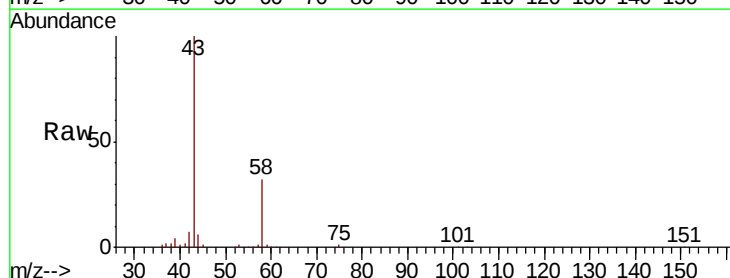
Acq: 24 Jul 2018 17:08

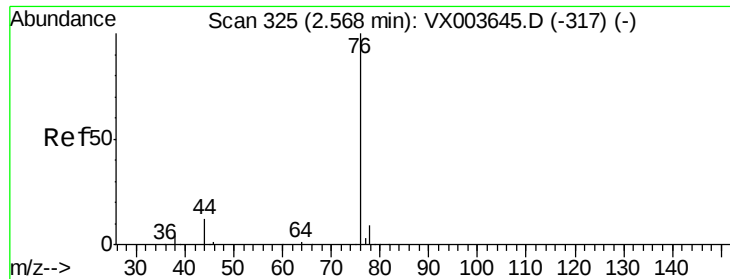
Tgt Ion: 43 Resp: 78197

Ion Ratio Lower Upper

43 100

58 32.1 26.1 39.1

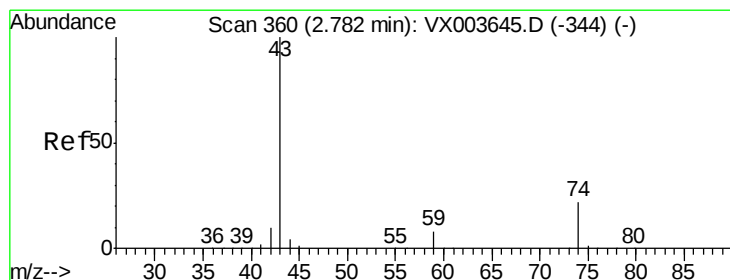
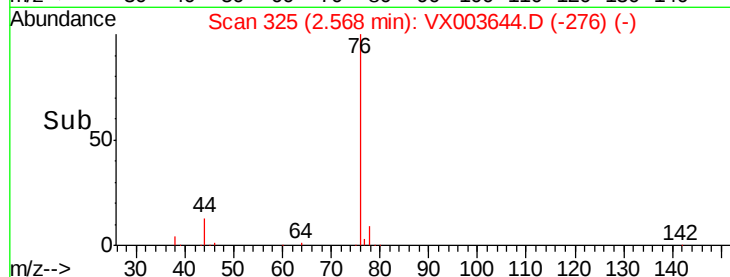
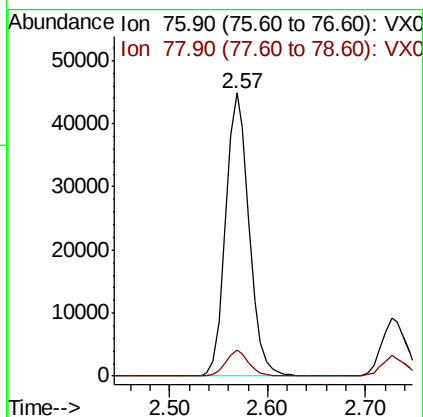
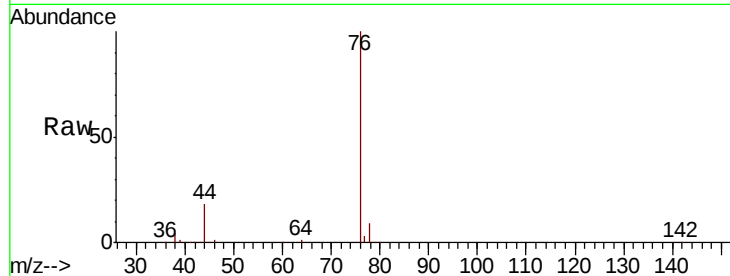




#17  
Carbon Disulfide  
Concen: 19.270 ug/l  
RT: 2.57 min Scan# 325  
Delta R.T. 0.00 min  
Lab File: VX003644.D  
Acq: 24 Jul 2018 17:08

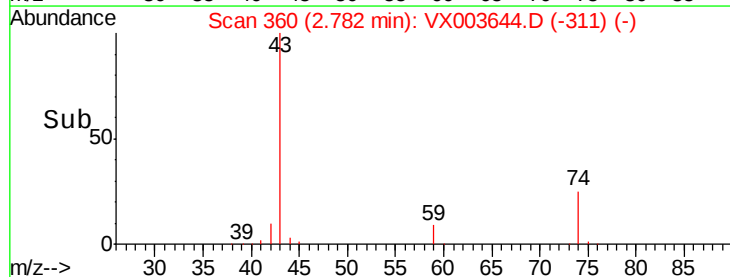
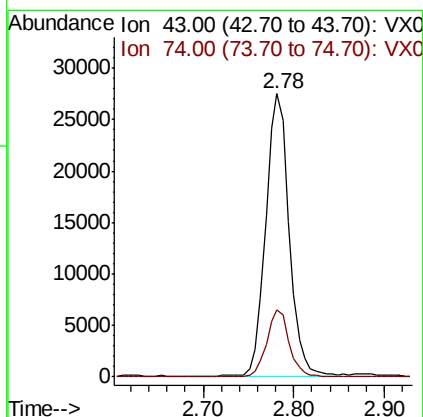
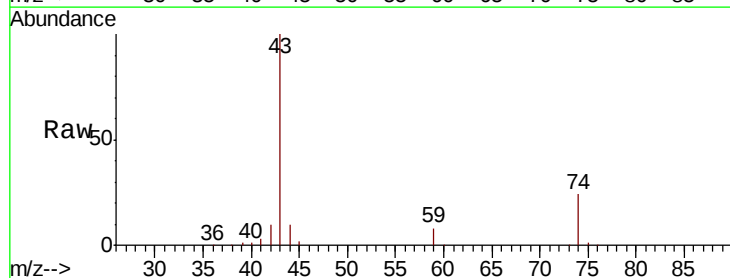
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

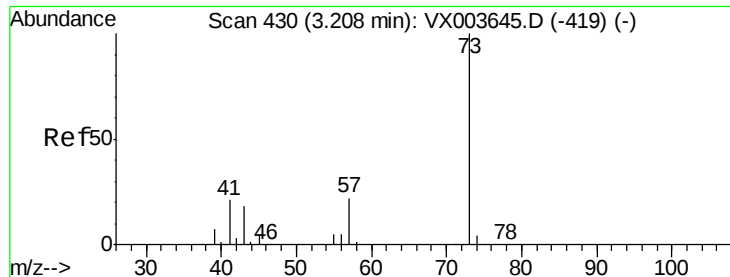
Tgt Ion: 76 Resp: 74355  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.4 11.0



#18  
Methyl Acetate  
Concen: 20.055 ug/l  
RT: 2.78 min Scan# 360  
Delta R.T. 0.00 min  
Lab File: VX003644.D  
Acq: 24 Jul 2018 17:08

Tgt Ion: 43 Resp: 48886  
Ion Ratio Lower Upper  
43 100  
74 22.8 17.8 26.8

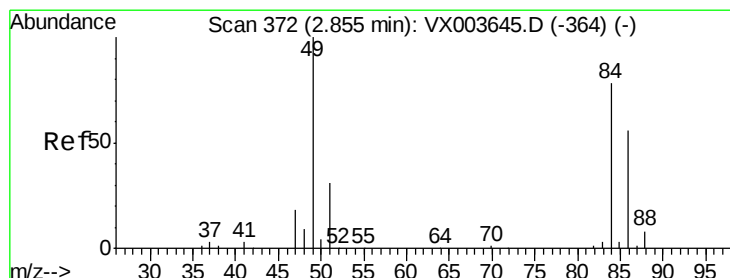
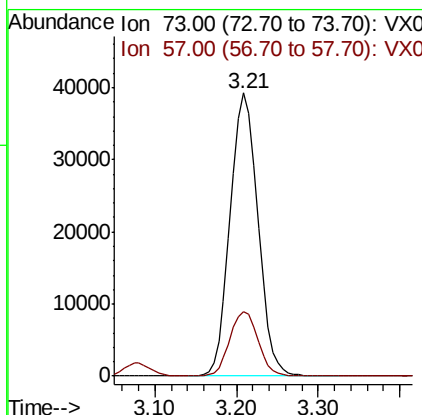
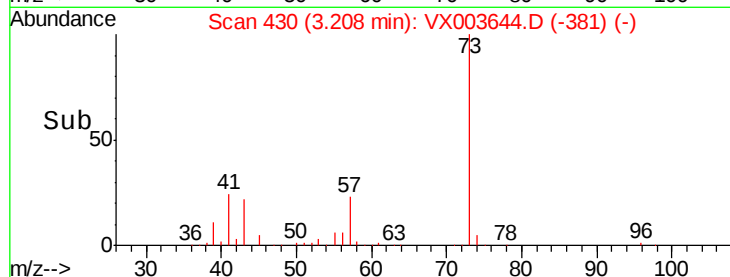
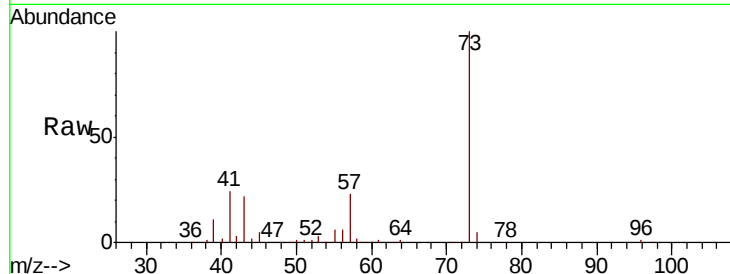




#19  
Methyl tert-butyl Ether  
Concen: 19.515 ug/l  
RT: 3.21 min Scan# 430  
Delta R.T. 0.00 min  
Lab File: VX003644.D  
Acq: 24 Jul 2018 17:08

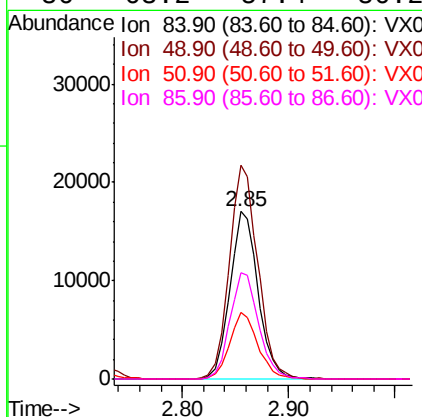
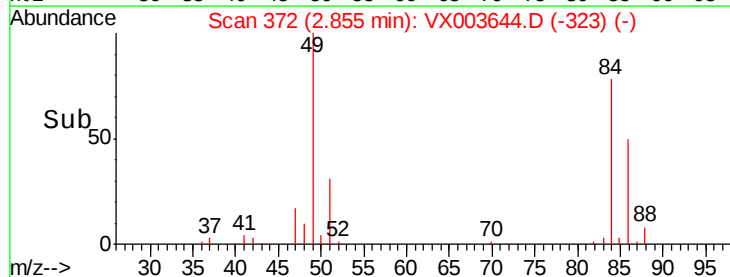
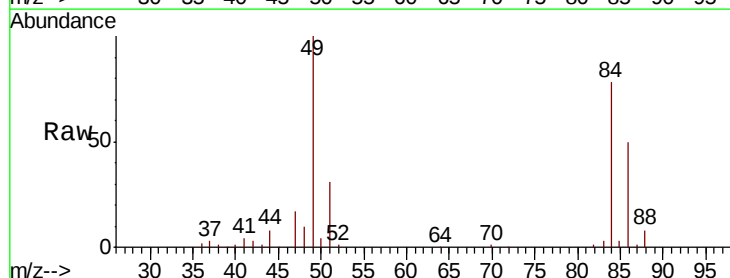
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

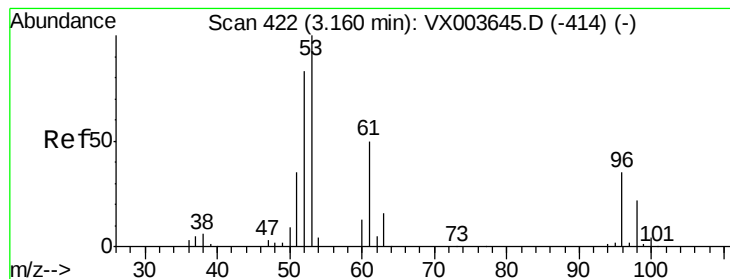
Tgt Ion: 73 Resp: 92457  
Ion Ratio Lower Upper  
73 100  
57 22.7 17.4 26.2



#20  
Methylene Chloride  
Concen: 19.801 ug/l  
RT: 2.85 min Scan# 372  
Delta R.T. 0.00 min  
Lab File: VX003644.D  
Acq: 24 Jul 2018 17:08

Tgt Ion: 84 Resp: 31667  
Ion Ratio Lower Upper  
84 100  
49 127.7 102.3 153.5  
51 39.9 31.8 47.8  
86 63.2 57.4 86.2





#21

trans-1,2-Dichloroethene

Concen: 19.609 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003644.D

Acq: 24 Jul 2018 17:08

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC020

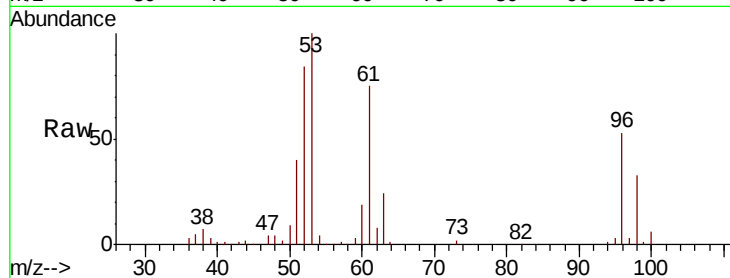
Tgt Ion: 96 Resp: 28285

Ion Ratio Lower Upper

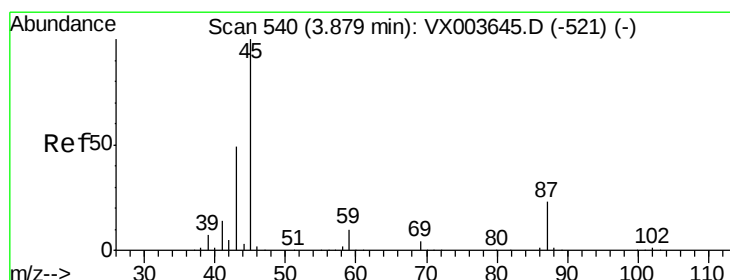
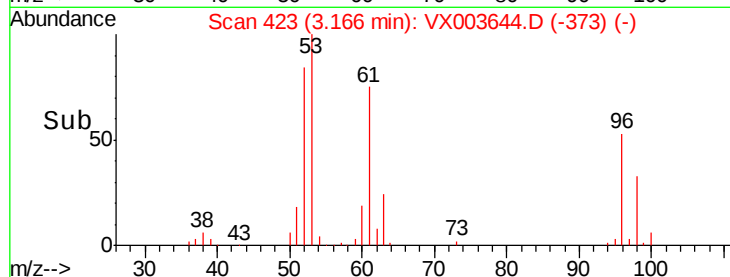
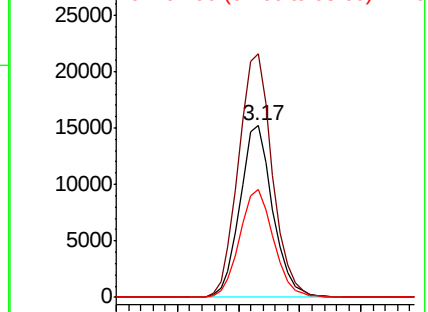
96 100

61 141.9 115.0 172.4

98 62.6 49.7 74.5



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: 20.463 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX003644.D

Acq: 24 Jul 2018 17:08

Tgt Ion: 45 Resp: 104481

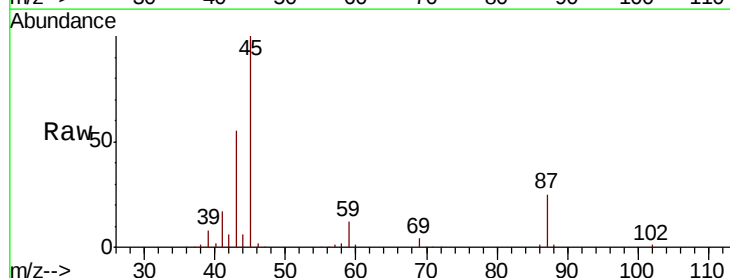
Ion Ratio Lower Upper

45 100

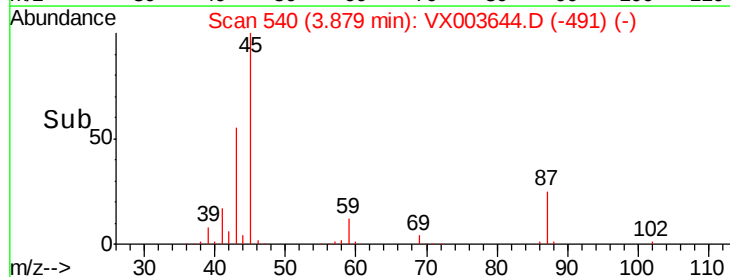
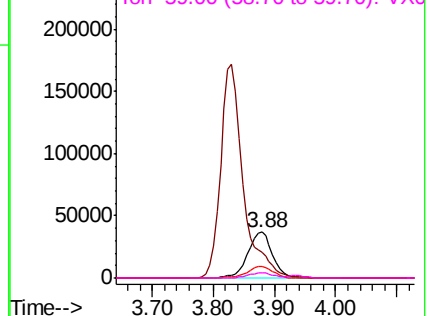
43 54.7 39.0 58.4

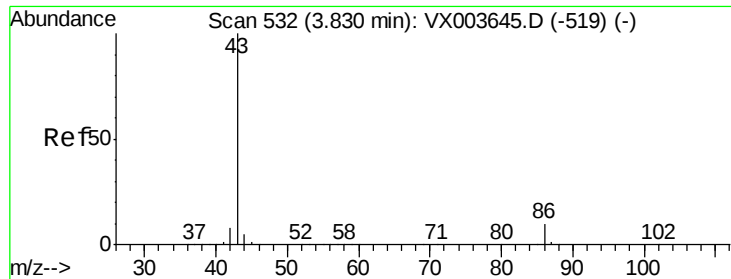
87 25.5 18.4 27.6

59 11.9 7.8 11.8#



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: 101.195 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX003644.D

Acq: 24 Jul 2018 17:08

Instrument :

MSVOA\_X

ClientSampleId :

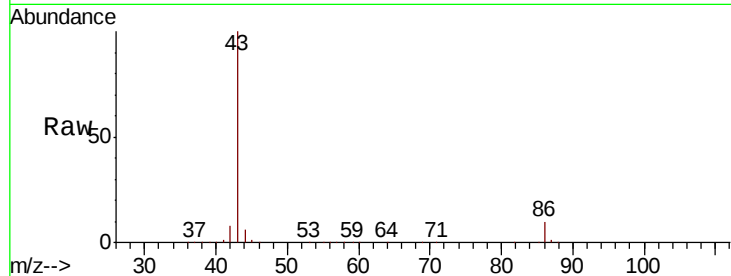
VSTDIC020

Tgt Ion: 43 Resp: 442602

Ion Ratio Lower Upper

43 100

86 9.7 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

200000

150000

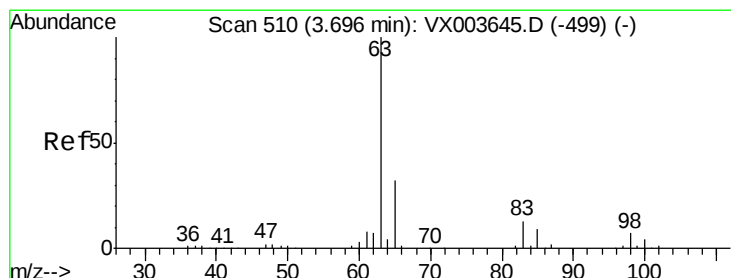
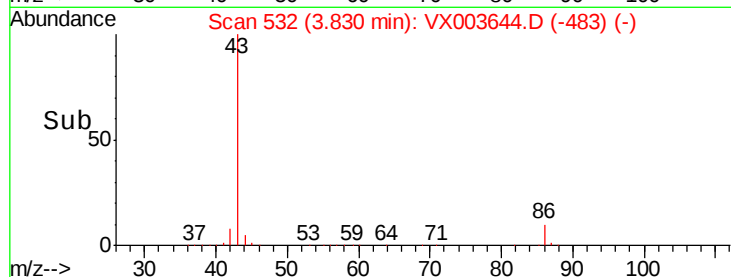
100000

50000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 19.621 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003644.D

Acq: 24 Jul 2018 17:08

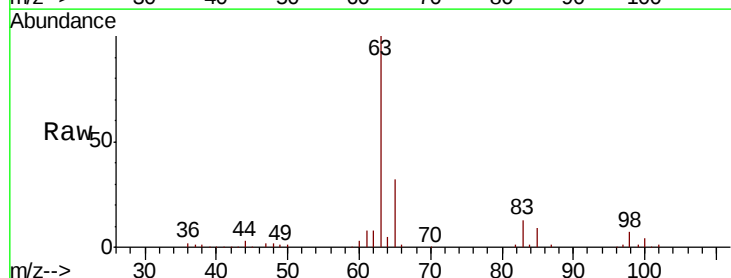
Tgt Ion: 63 Resp: 56464

Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.8

100 4.0 2.1 6.3



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

30000

25000

20000

15000

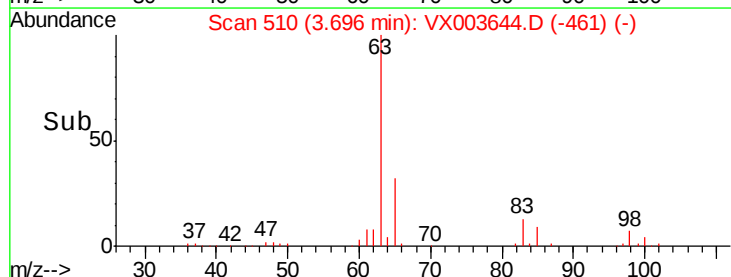
10000

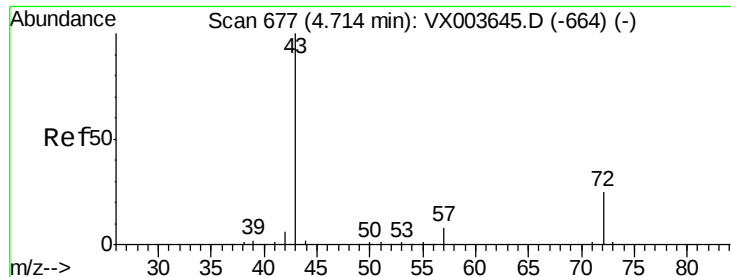
5000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 99.320 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX003644.D

Acq: 24 Jul 2018 17:08

Instrument :

MSVOA\_X

ClientSampleId :

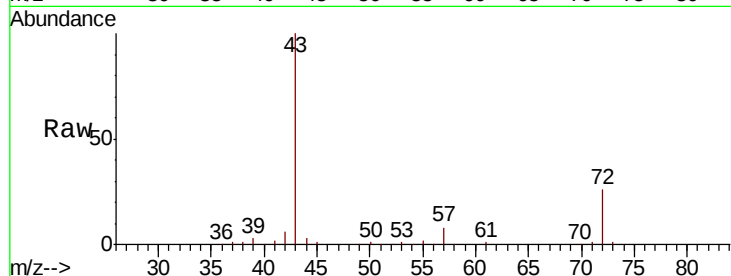
VSTDIC020

Tgt Ion: 43 Resp: 123836

Ion Ratio Lower Upper

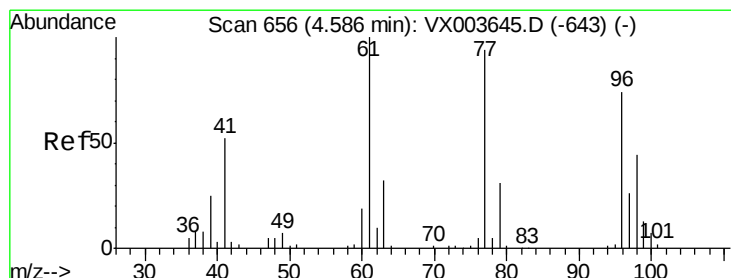
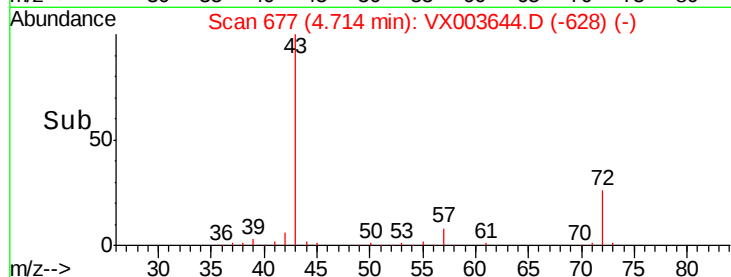
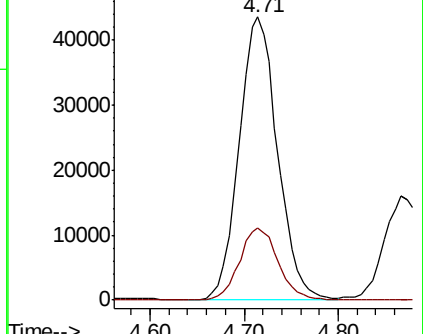
43 100

72 25.6 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.790 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003644.D

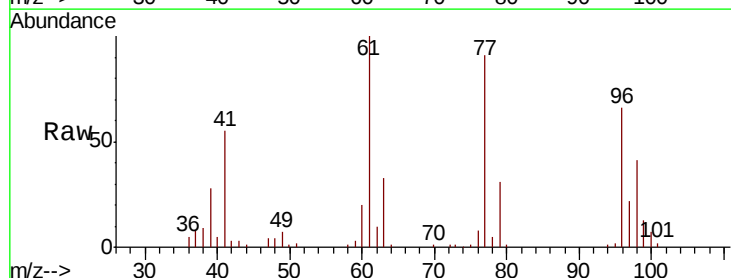
Acq: 24 Jul 2018 17:08

Tgt Ion: 77 Resp: 36008

Ion Ratio Lower Upper

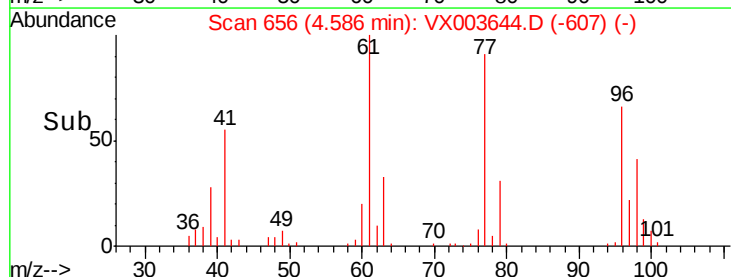
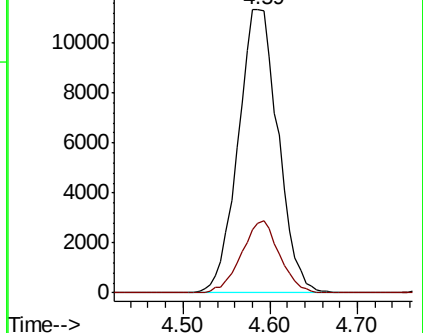
77 100

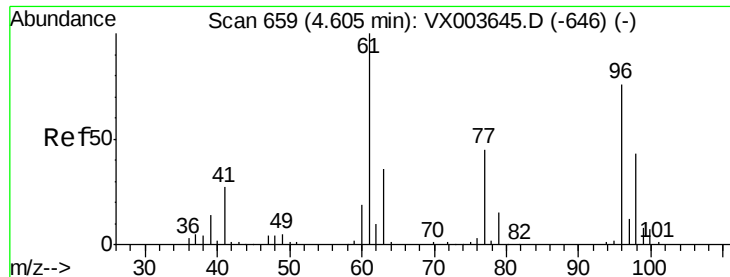
97 24.3 12.0 36.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



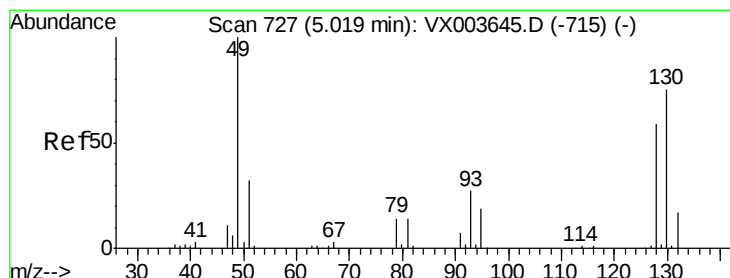
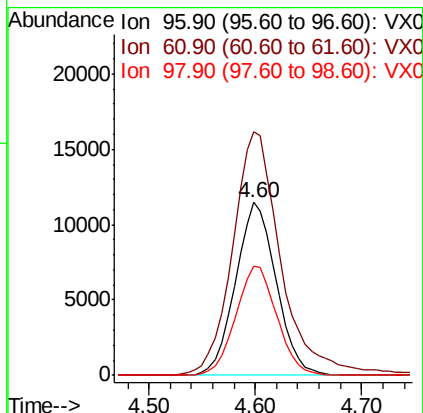
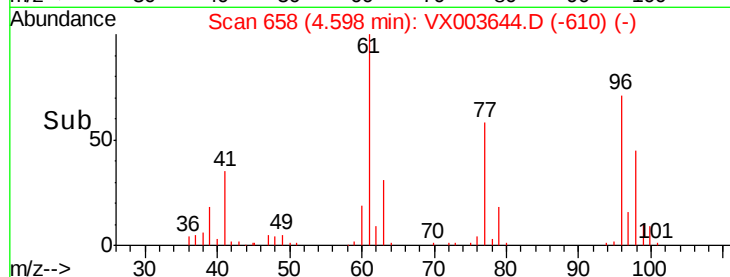
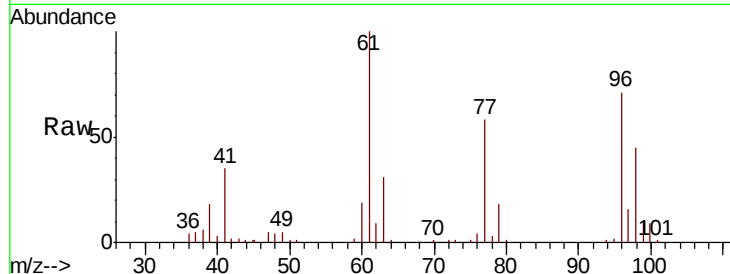


#27

cis-1,2-Dichloroethene  
Concen: 19.571 ug/l  
RT: 4.60 min Scan# 658  
Delta R.T. -0.01 min  
Lab File: VX003644.D  
Acq: 24 Jul 2018 17:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

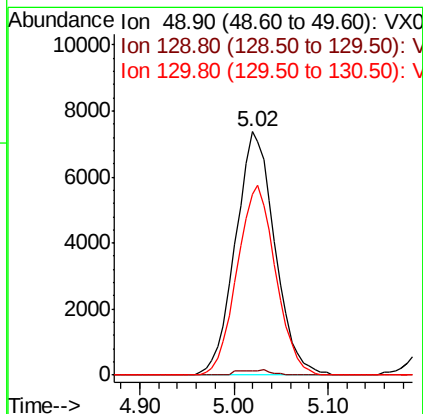
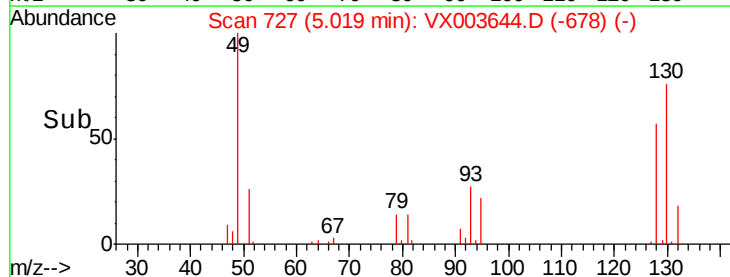
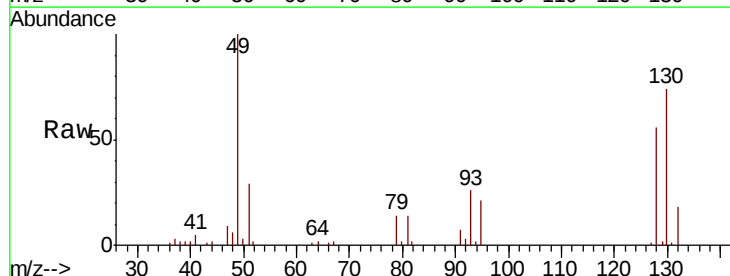
Tgt Ion: 96 Resp: 30652  
Ion Ratio Lower Upper  
96 100  
61 169.0 0.0 313.6  
98 63.8 0.0 125.6

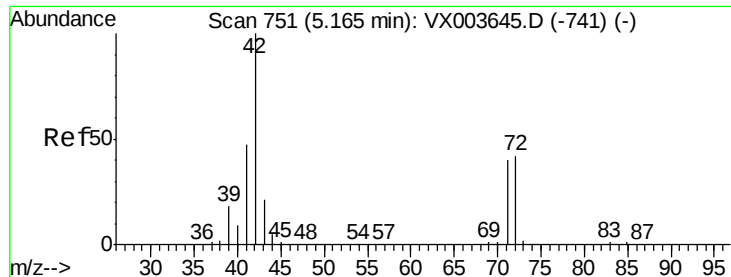


#28

Bromochloromethane  
Concen: 18.673 ug/l  
RT: 5.02 min Scan# 727  
Delta R.T. 0.00 min  
Lab File: VX003644.D  
Acq: 24 Jul 2018 17:08

Tgt Ion: 49 Resp: 21563  
Ion Ratio Lower Upper  
49 100  
129 1.7 0.0 4.2  
130 76.2 61.0 91.6

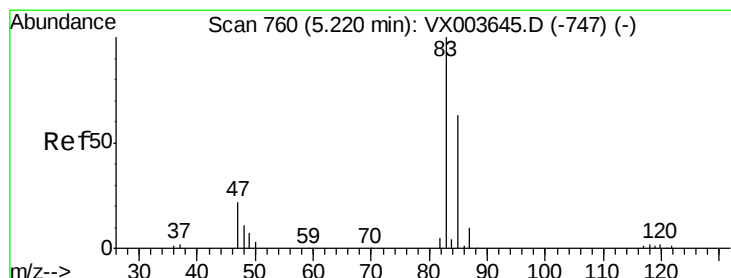
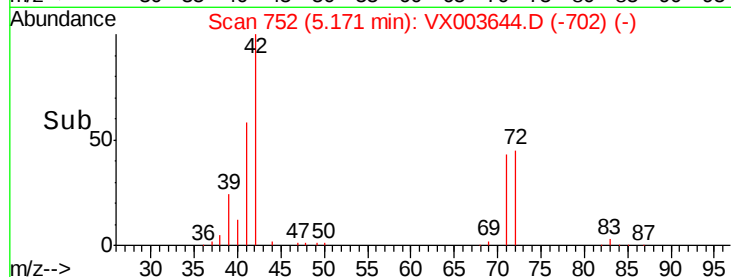
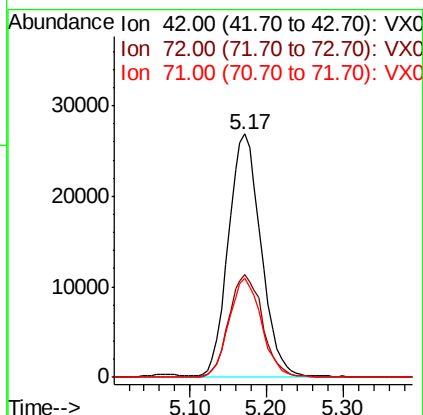
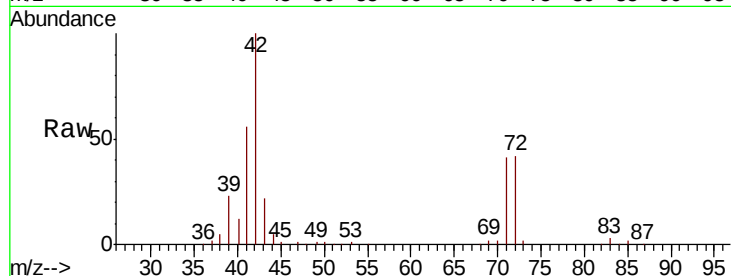




#29  
Tetrahydrofuran  
Concen: 98.023 ug/l  
RT: 5.17 min Scan# 752  
Delta R.T. 0.01 min  
Lab File: VX003644.D  
Acq: 24 Jul 2018 17:08

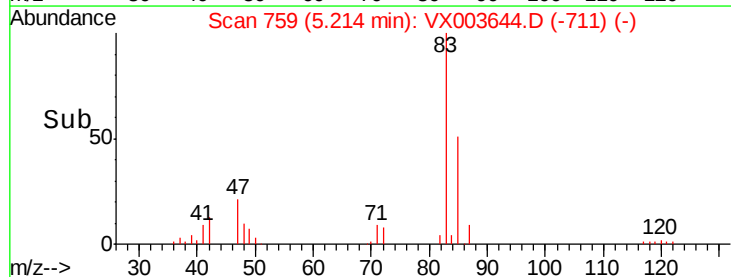
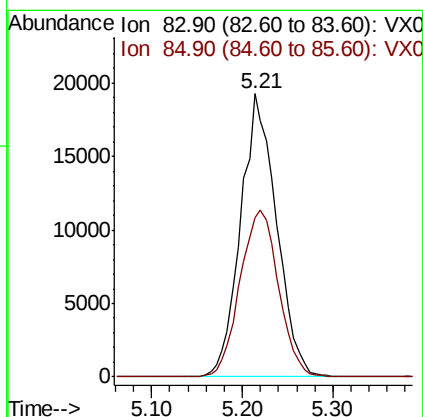
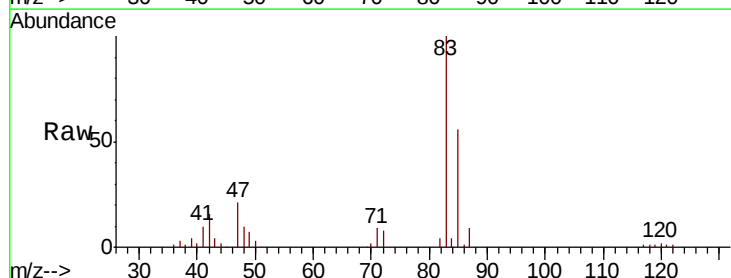
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

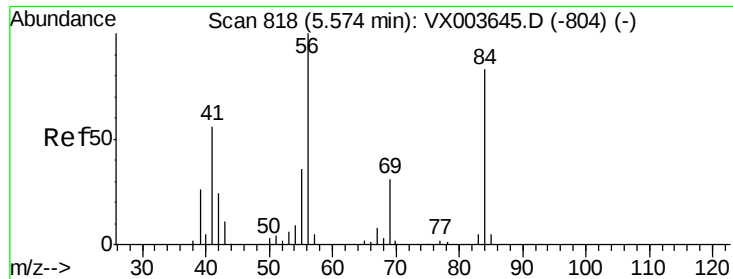
Tgt Ion: 42 Resp: 79560  
Ion Ratio Lower Upper  
42 100  
72 43.5 33.4 50.0  
71 40.6 31.0 46.6



#30  
Chloroform  
Concen: 20.235 ug/l  
RT: 5.21 min Scan# 759  
Delta R.T. -0.01 min  
Lab File: VX003644.D  
Acq: 24 Jul 2018 17:08

Tgt Ion: 83 Resp: 52816  
Ion Ratio Lower Upper  
83 100  
85 56.3 50.2 75.4

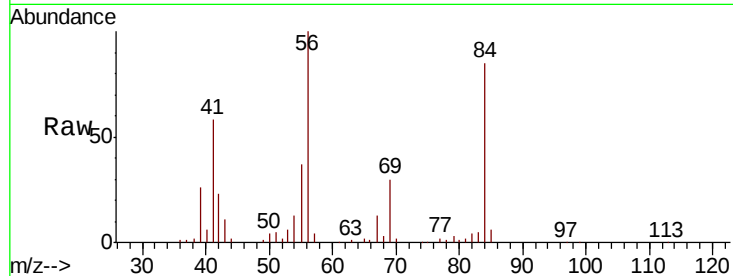




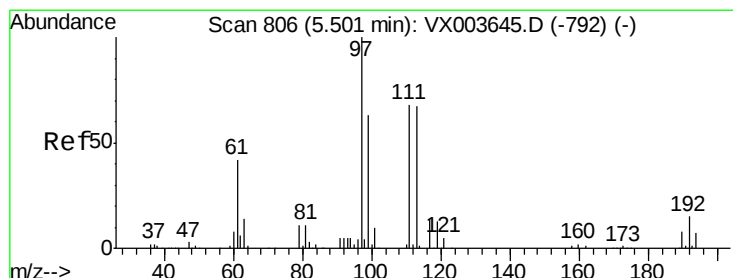
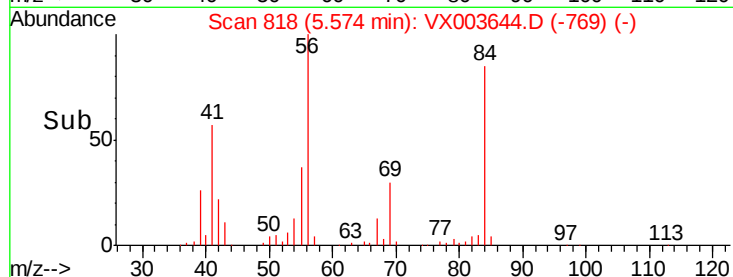
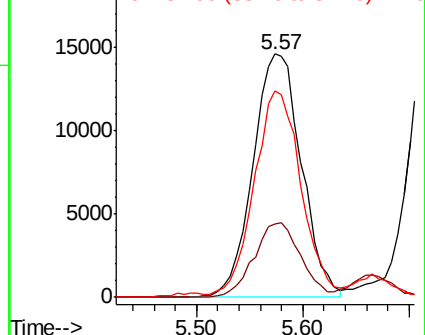
#31  
Cyclohexane  
Concen: 20.029 ug/l  
RT: 5.57 min Scan# 818  
Delta R.T. 0.00 min  
Lab File: VX003644.D  
Acq: 24 Jul 2018 17:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

Tgt Ion: 56 Resp: 46266  
Ion Ratio Lower Upper  
56 100  
69 29.9 25.0 37.6  
84 83.2 66.5 99.7

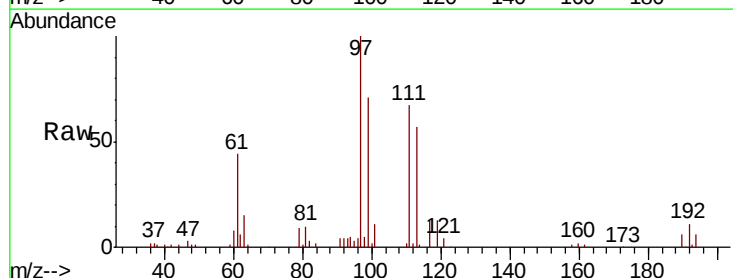


Abundance Ion 56.00 (55.70 to 56.70): VX0  
Ion 69.00 (68.70 to 69.70): VX0  
Ion 84.00 (83.70 to 84.70): VX0

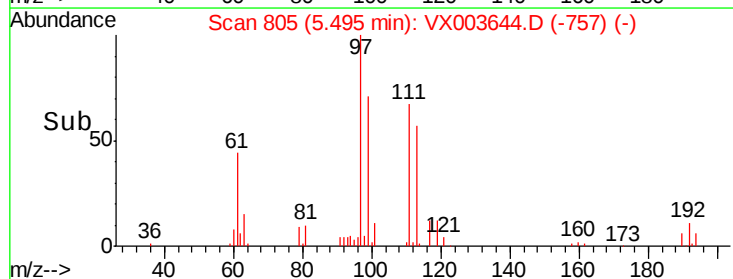
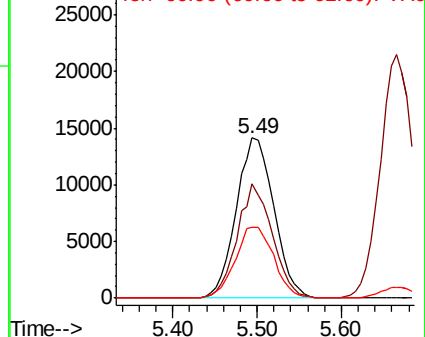


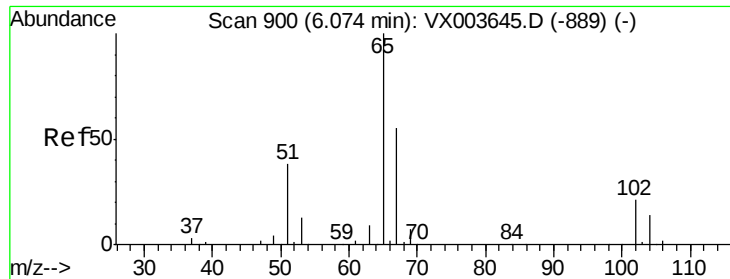
#32  
1,1,1-Trichloroethane  
Concen: 19.770 ug/l  
RT: 5.49 min Scan# 805  
Delta R.T. -0.01 min  
Lab File: VX003644.D  
Acq: 24 Jul 2018 17:08

Tgt Ion: 97 Resp: 42854  
Ion Ratio Lower Upper  
97 100  
99 66.4 50.4 75.6  
61 45.6 34.5 51.7



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

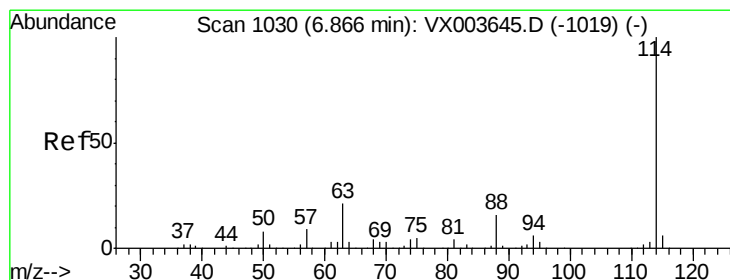
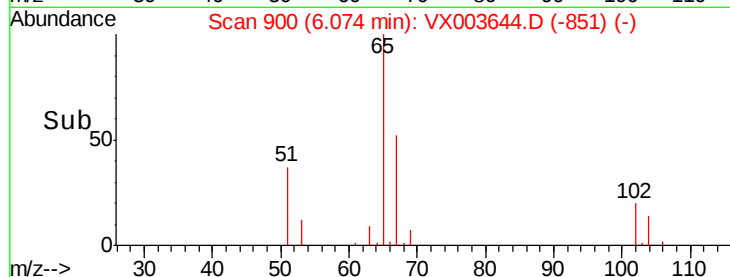
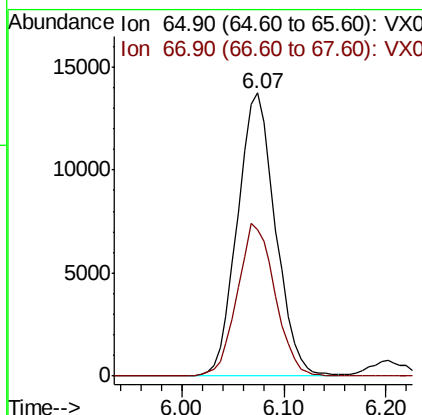
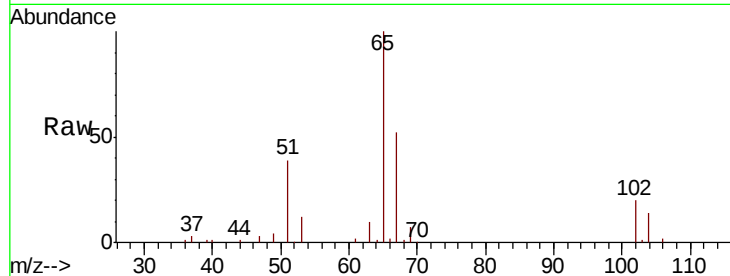




#33  
 1,2-Dichloroethane-d4  
 Concen: 20.688 ug/l  
 RT: 6.07 min Scan# 900  
 Delta R.T. -0.00 min  
 Lab File: VX003644.D  
 Acq: 24 Jul 2018 17:08

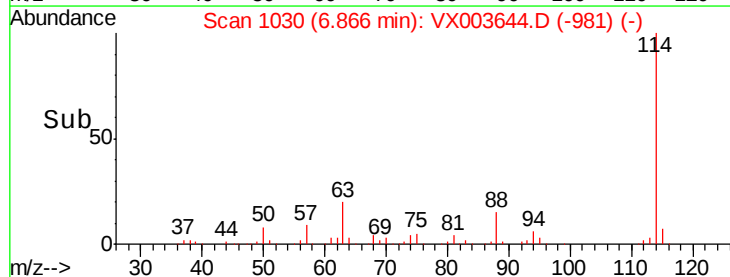
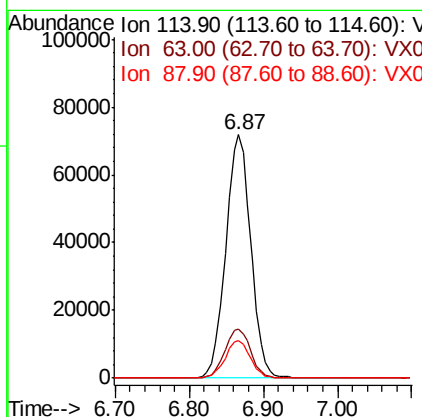
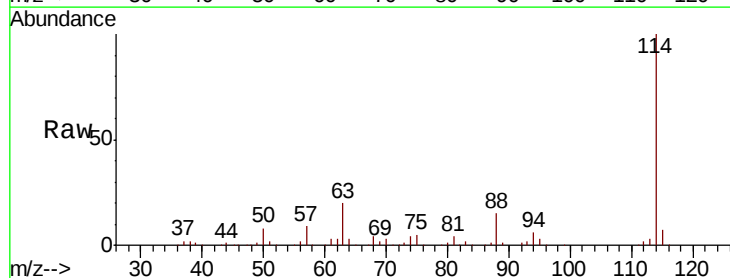
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC020

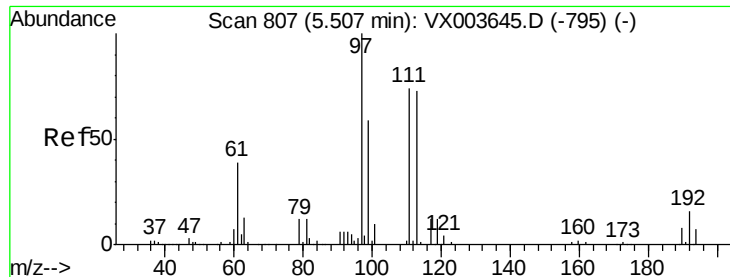
Tgt Ion: 65 Resp: 35542  
 Ion Ratio Lower Upper  
 65 100  
 67 53.2 0.0 107.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.87 min Scan# 1030  
 Delta R.T. 0.00 min  
 Lab File: VX003644.D  
 Acq: 24 Jul 2018 17:08

Tgt Ion: 114 Resp: 168642  
 Ion Ratio Lower Upper  
 114 100  
 63 20.2 0.0 41.0  
 88 15.5 0.0 31.8

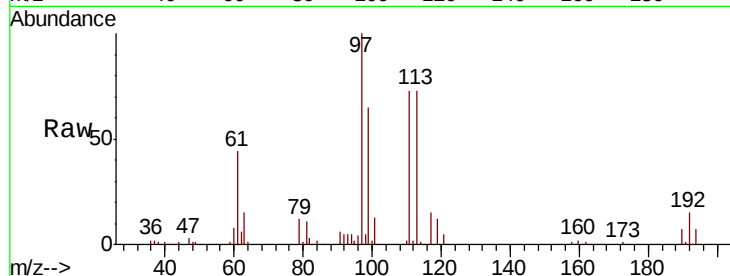




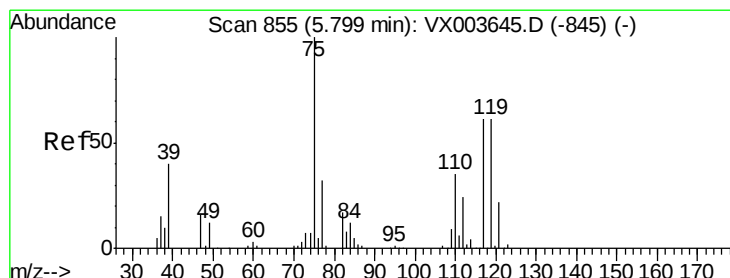
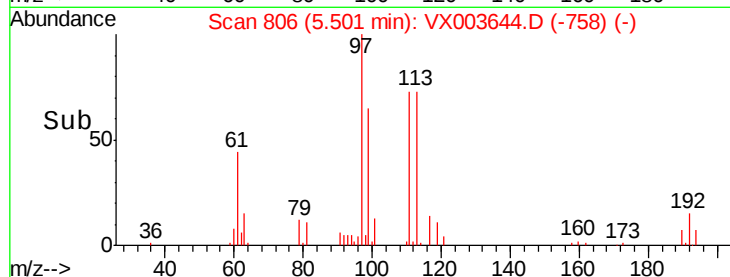
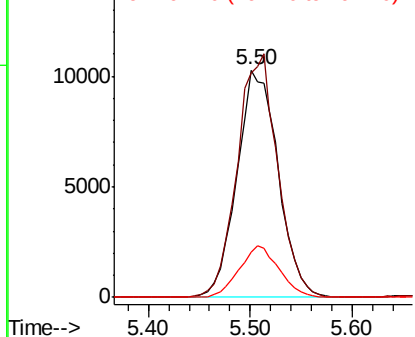
#35  
 Dibromofluoromethane  
 Concen: 20.852 ug/l  
 RT: 5.50 min Scan# 806  
 Delta R.T. -0.01 min  
 Lab File: VX003644.D  
 Acq: 24 Jul 2018 17:08

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC020

Tgt Ion:113 Resp: 28747  
 Ion Ratio Lower Upper  
 113 100  
 111 104.9 81.2 121.8  
 192 21.6 18.2 27.4

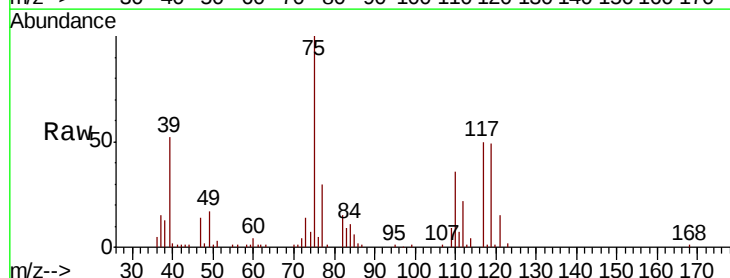


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

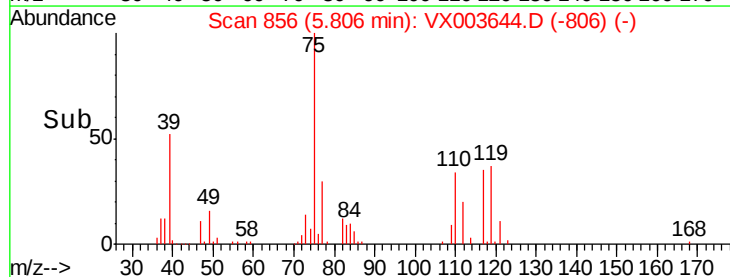
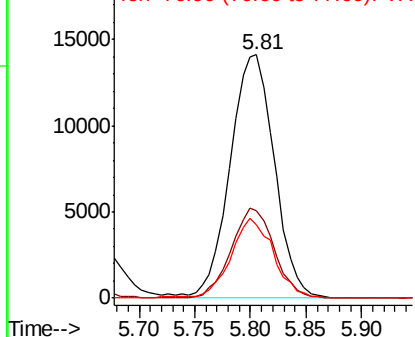


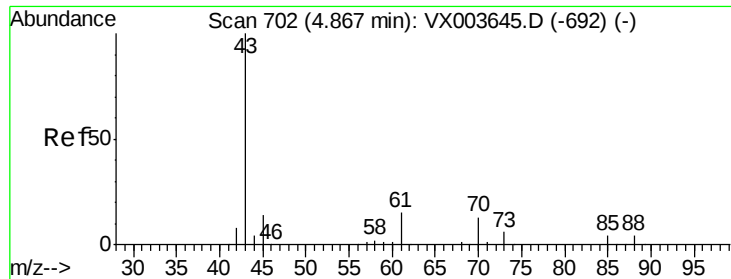
#36  
 1,1-Dichloropropene  
 Concen: 19.731 ug/l  
 RT: 5.81 min Scan# 856  
 Delta R.T. 0.01 min  
 Lab File: VX003644.D  
 Acq: 24 Jul 2018 17:08

Tgt Ion: 75 Resp: 38894  
 Ion Ratio Lower Upper  
 75 100  
 110 35.8 18.1 54.1  
 77 31.5 25.1 37.7



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

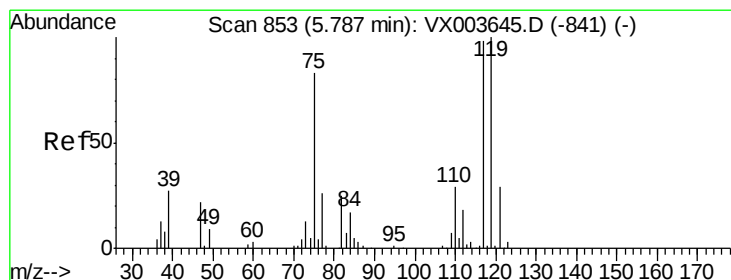
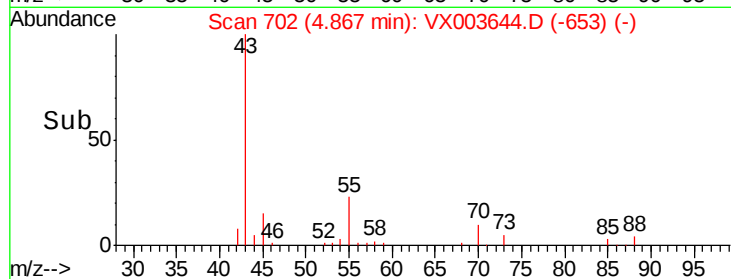
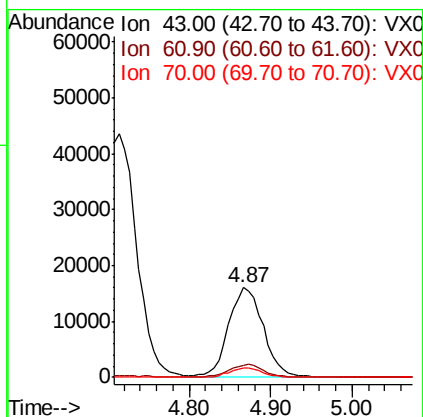
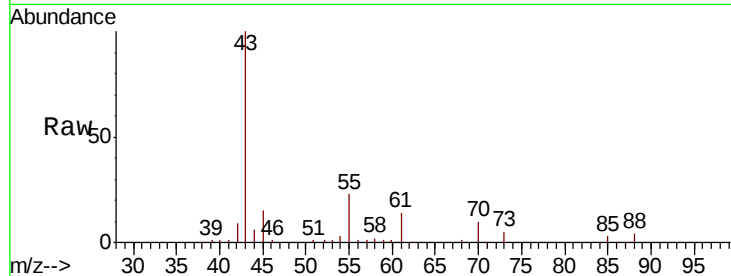




#37  
Ethyl Acetate  
Concen: 19.800 ug/l  
RT: 4.87 min Scan# 702  
Delta R.T. 0.00 min  
Lab File: VX003644.D  
Acq: 24 Jul 2018 17:08

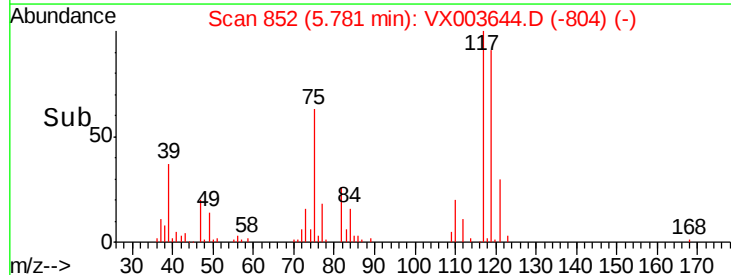
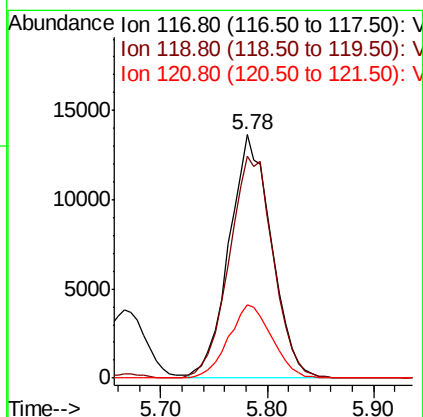
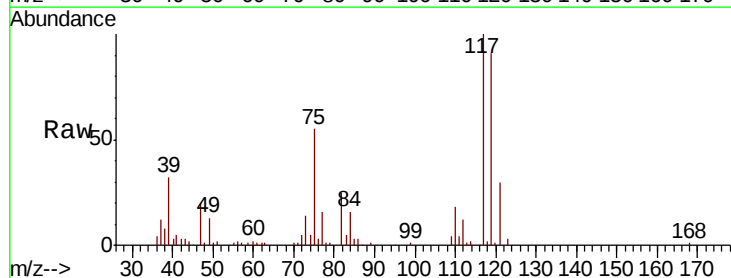
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

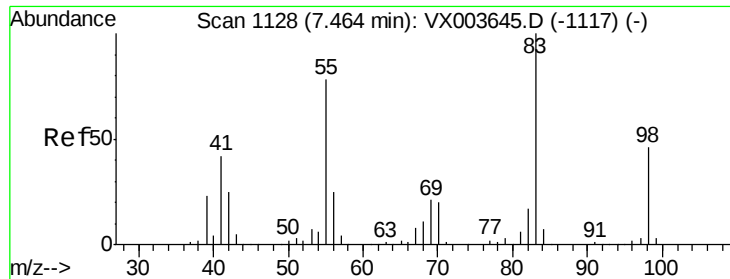
Tgt Ion: 43 Resp: 46932  
Ion Ratio Lower Upper  
43 100  
61 14.5 11.9 17.9  
70 10.0 8.6 12.8



#38  
Carbon Tetrachloride  
Concen: 19.993 ug/l  
RT: 5.78 min Scan# 852  
Delta R.T. -0.01 min  
Lab File: VX003644.D  
Acq: 24 Jul 2018 17:08

Tgt Ion: 117 Resp: 37986  
Ion Ratio Lower Upper  
117 100  
119 91.4 81.0 121.4  
121 30.2 23.7 35.5

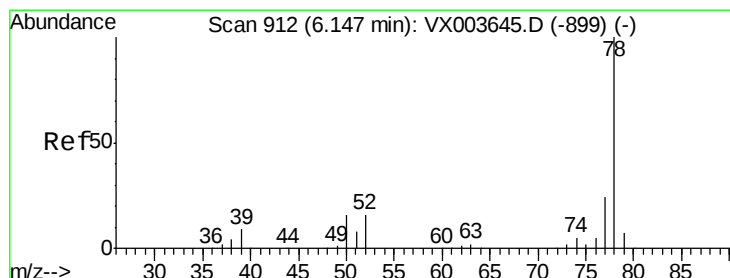
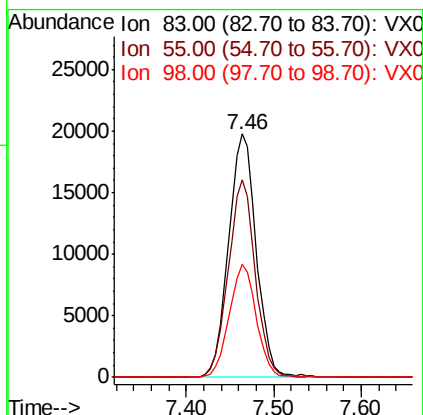
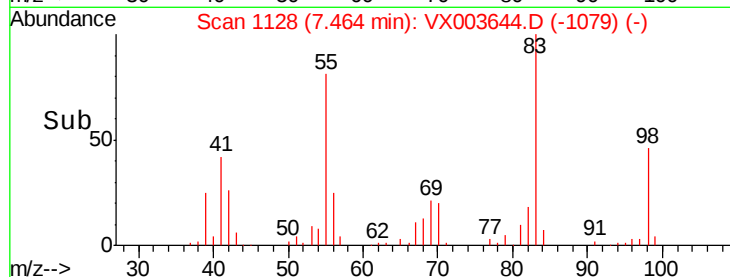
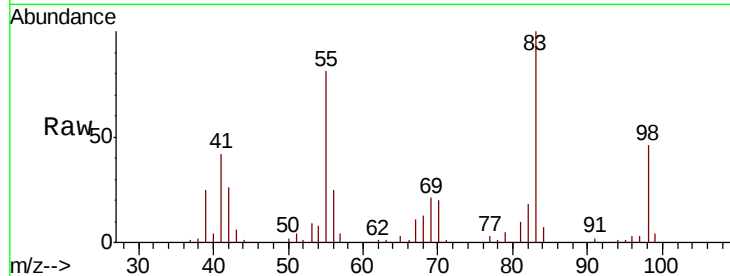




#39  
Methylcyclohexane  
Concen: 20.091 ug/l  
RT: 7.46 min Scan# 1128  
Delta R.T. 0.00 min  
Lab File: VX003644.D  
Acq: 24 Jul 2018 17:08

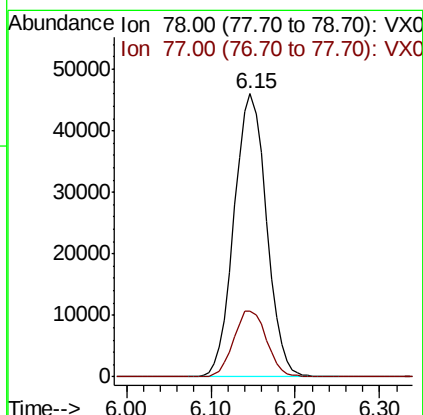
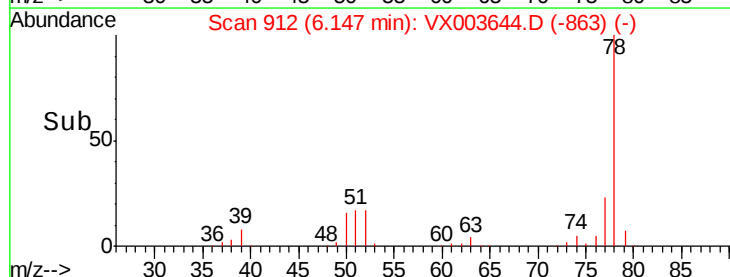
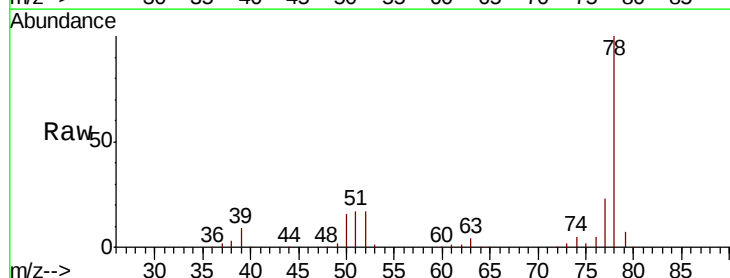
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

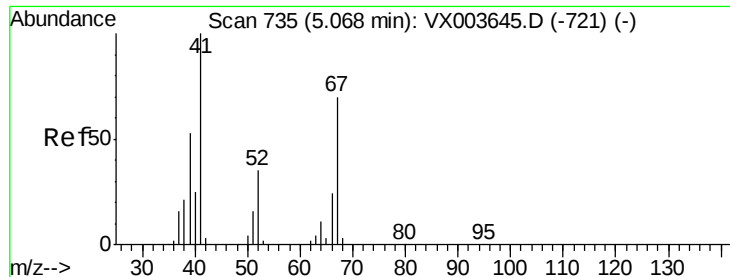
Tgt Ion: 83 Resp: 43594  
Ion Ratio Lower Upper  
83 100  
55 81.4 62.6 93.8  
98 46.4 36.6 55.0



#40  
Benzene  
Concen: 20.598 ug/l  
RT: 6.15 min Scan# 912  
Delta R.T. 0.00 min  
Lab File: VX003644.D  
Acq: 24 Jul 2018 17:08

Tgt Ion: 78 Resp: 120155  
Ion Ratio Lower Upper  
78 100  
77 23.3 19.0 28.6





#41

Methacrylonitrile

Concen: 19.768 ug/l

RT: 5.07 min Scan# 735

Delta R.T. 0.00 min

Lab File: VX003644.D

Acq: 24 Jul 2018 17:08

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC020

Tgt Ion: 41 Resp: 25947

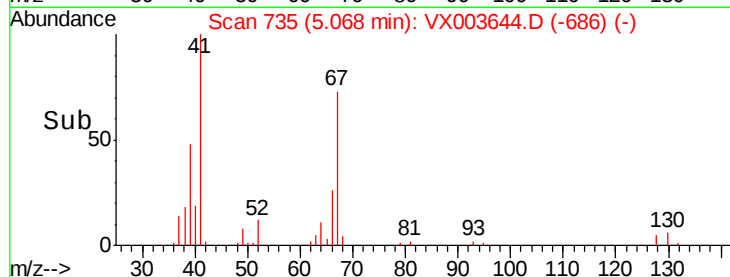
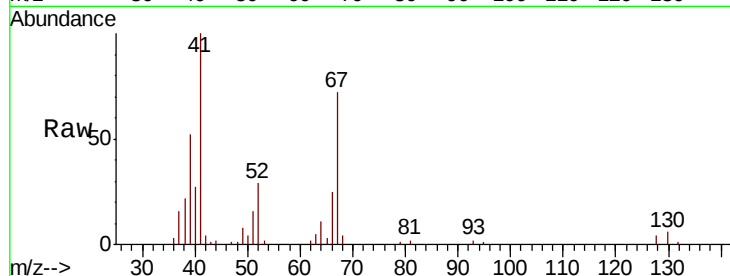
Ion Ratio Lower Upper

41 100

39 52.6 42.2 63.4

67 69.6 56.6 84.8

52 29.3 24.0 36.0

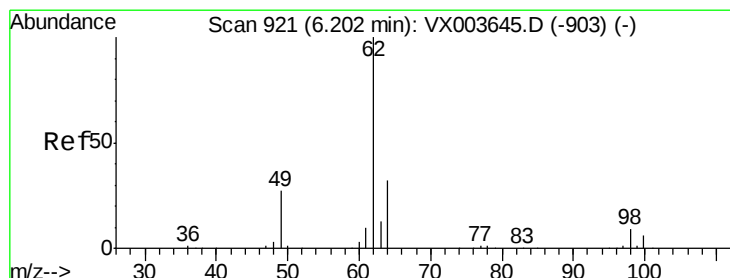
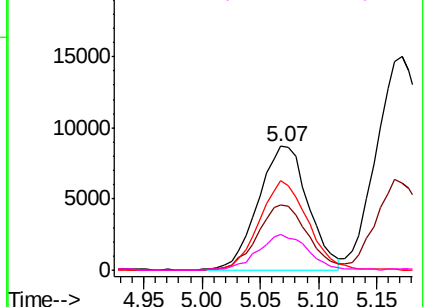


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 20.102 ug/l

RT: 6.20 min Scan# 921

Delta R.T. 0.00 min

Lab File: VX003644.D

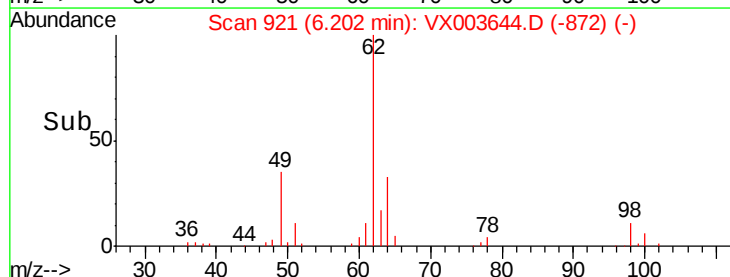
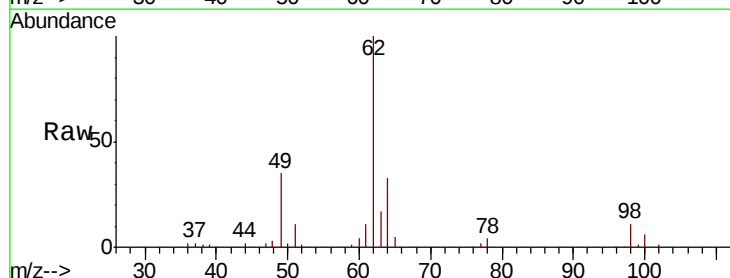
Acq: 24 Jul 2018 17:08

Tgt Ion: 62 Resp: 41273

Ion Ratio Lower Upper

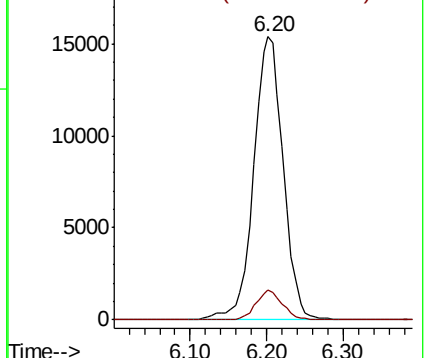
62 100

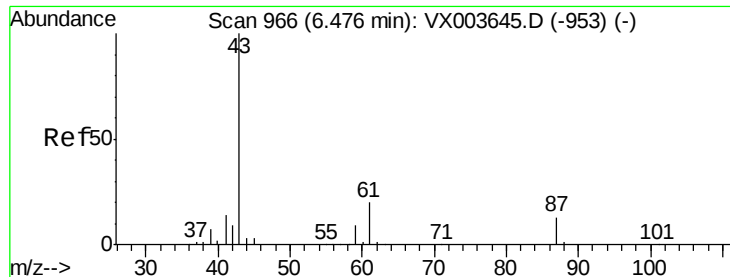
98 9.4 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.055 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX003644.D

Acq: 24 Jul 2018 17:08

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC020

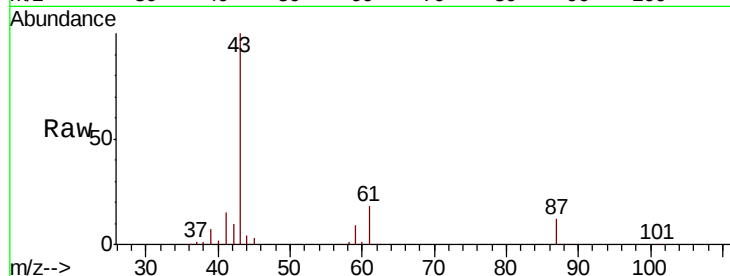
Tgt Ion: 43 Resp: 69347

Ion Ratio Lower Upper

43 100

61 20.2 15.9 23.9

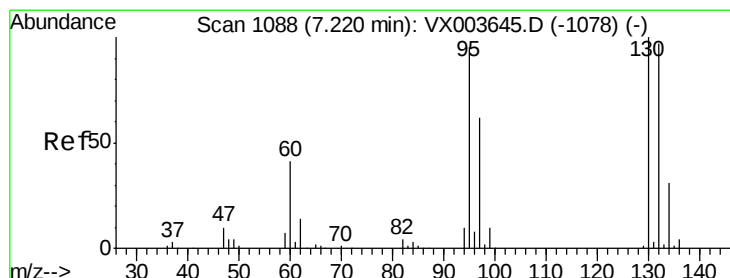
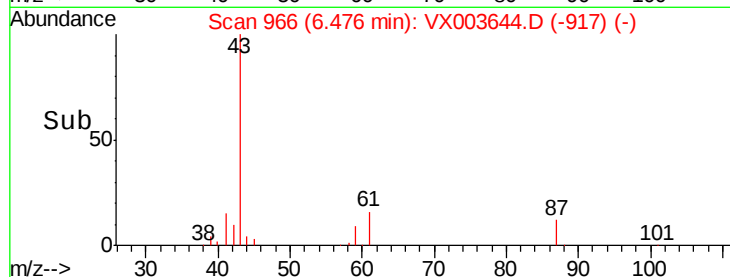
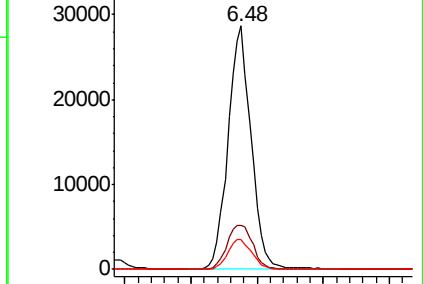
87 12.7 10.1 15.1



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: 20.014 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX003644.D

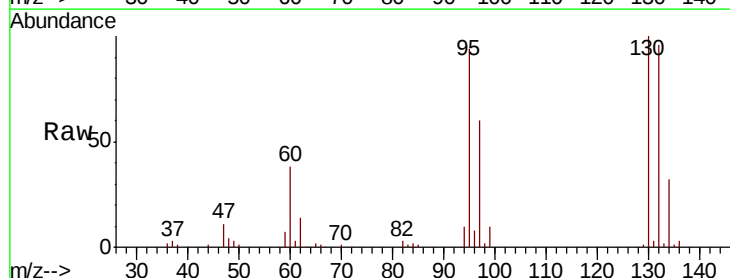
Acq: 24 Jul 2018 17:08

Tgt Ion: 130 Resp: 31303

Ion Ratio Lower Upper

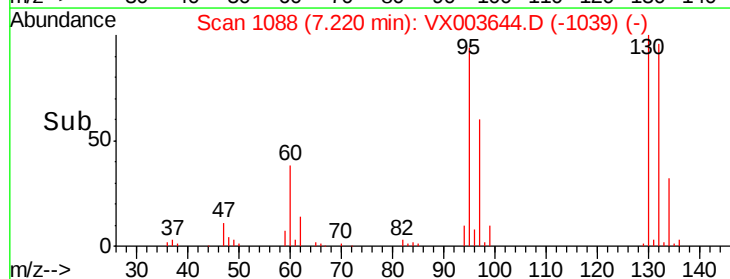
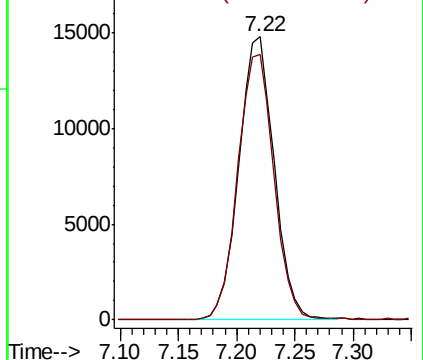
130 100

95 93.6 0.0 190.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.936 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003644.D

Acq: 24 Jul 2018 17:08

Instrument :

MSVOA\_X

ClientSampleId :

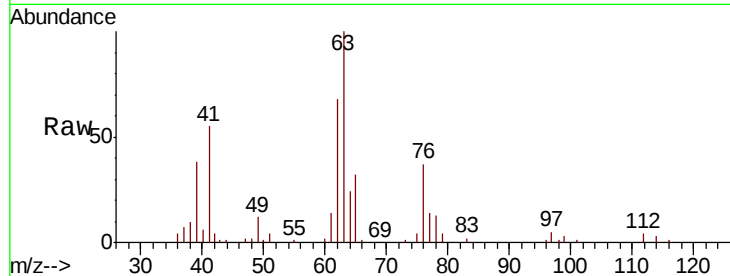
VSTDIC020

Tgt Ion: 63 Resp: 31570

Ion Ratio Lower Upper

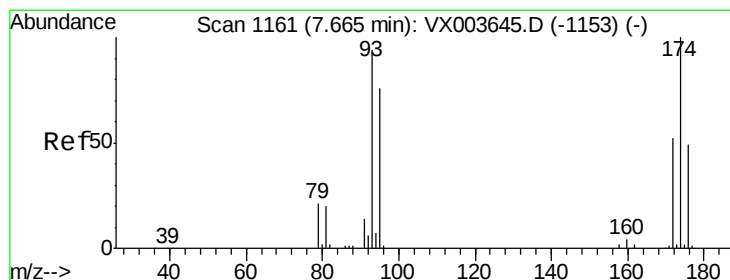
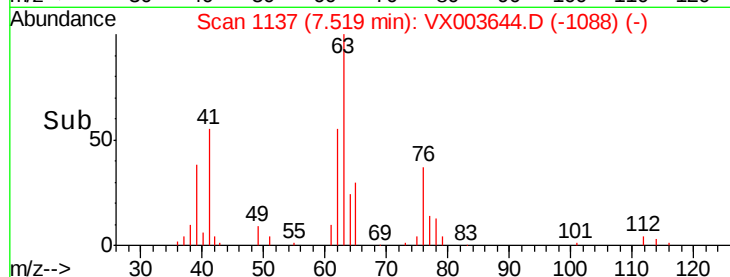
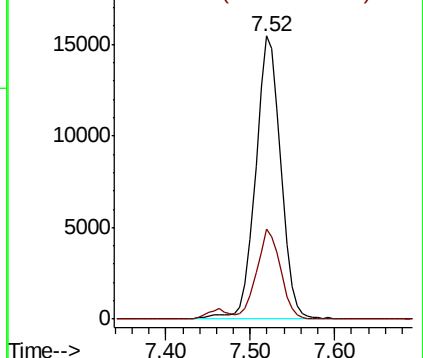
63 100

65 31.8 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 20.423 ug/l

RT: 7.66 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003644.D

Acq: 24 Jul 2018 17:08

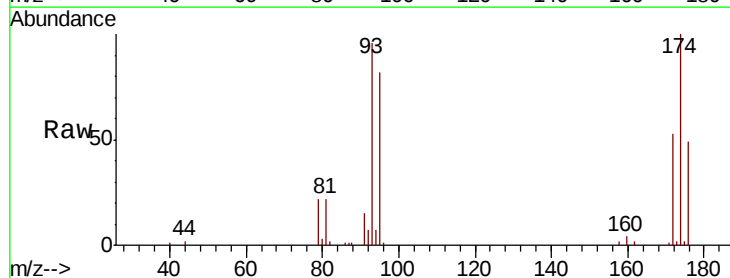
Tgt Ion: 93 Resp: 19783

Ion Ratio Lower Upper

93 100

95 85.3 67.0 100.6

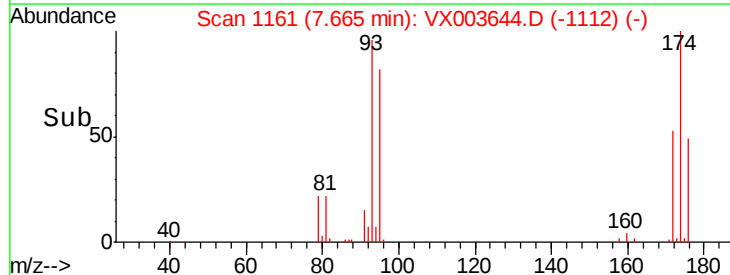
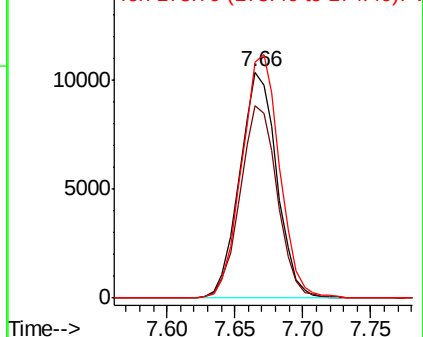
174 109.9 89.6 134.4

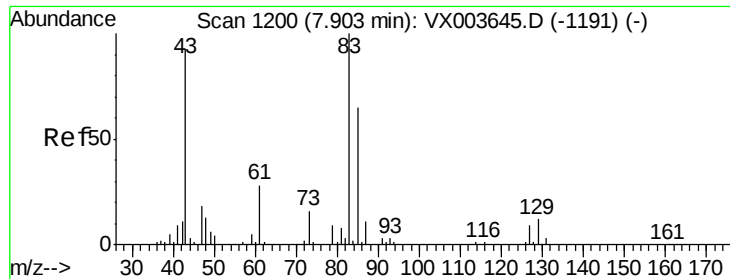


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.972 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003644.D

Acq: 24 Jul 2018 17:08

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC020

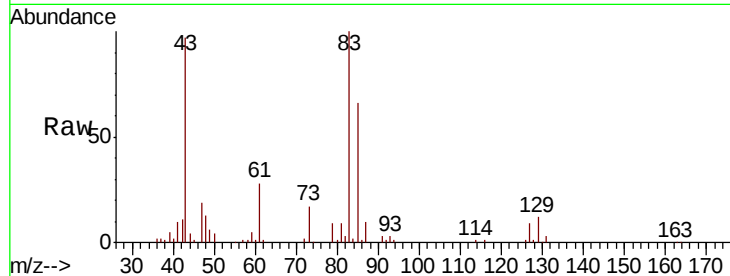
Tgt Ion: 83 Resp: 36273

Ion Ratio Lower Upper

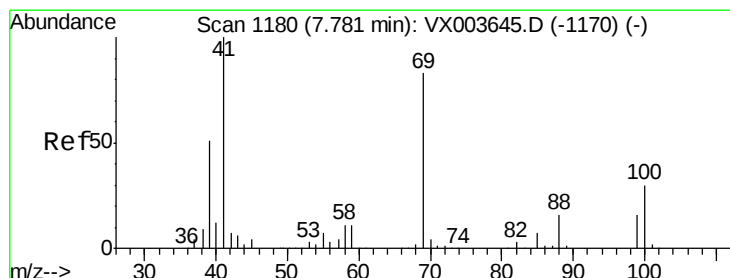
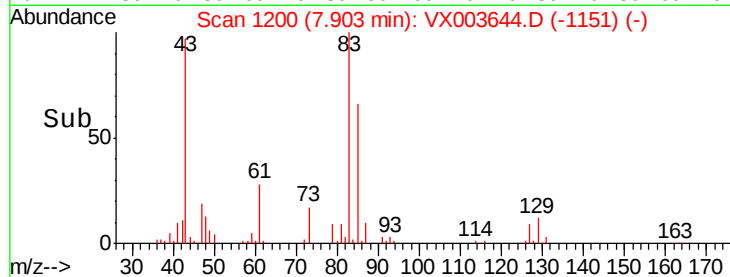
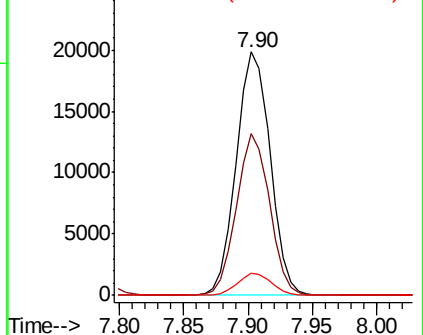
83 100

85 66.2 51.8 77.6

127 9.0 7.0 10.6



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: 20.236 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003644.D

Acq: 24 Jul 2018 17:08

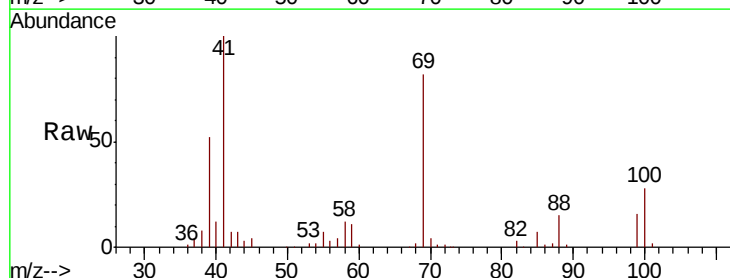
Tgt Ion: 41 Resp: 35509

Ion Ratio Lower Upper

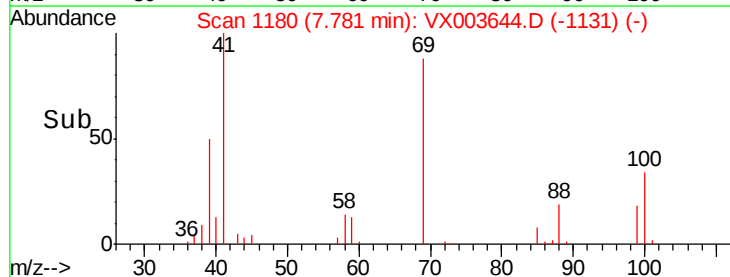
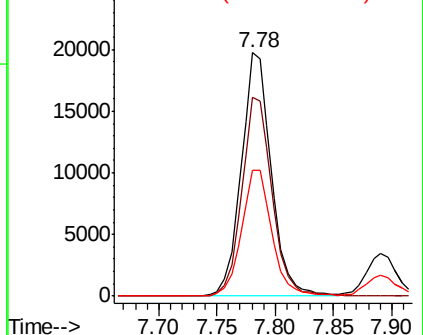
41 100

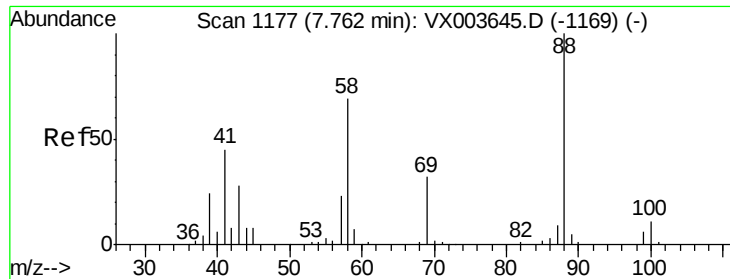
69 82.2 66.9 100.3

39 52.4 41.2 61.8



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

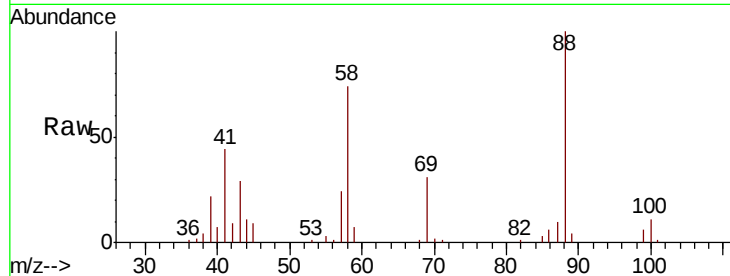




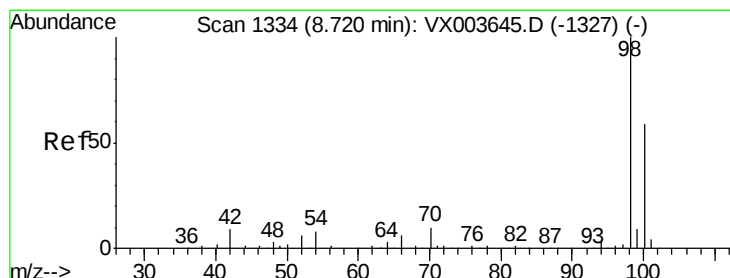
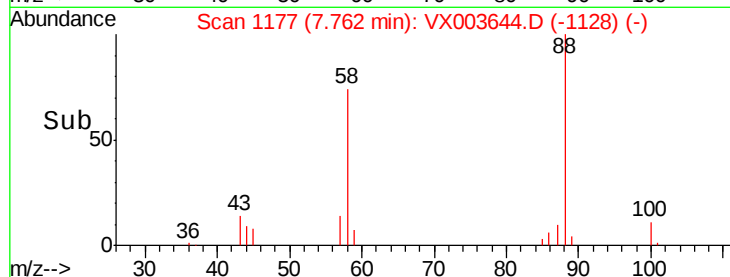
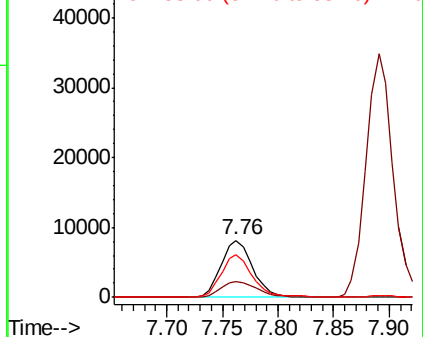
#49  
1,4-Dioxane  
Concen: 411.775 ug/l  
RT: 7.76 min Scan# 1177  
Delta R.T. 0.00 min  
Lab File: VX003644.D  
Acq: 24 Jul 2018 17:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

Tgt Ion: 88 Resp: 16120  
Ion Ratio Lower Upper  
88 100  
43 33.8 25.8 38.6  
58 73.7 58.3 87.5

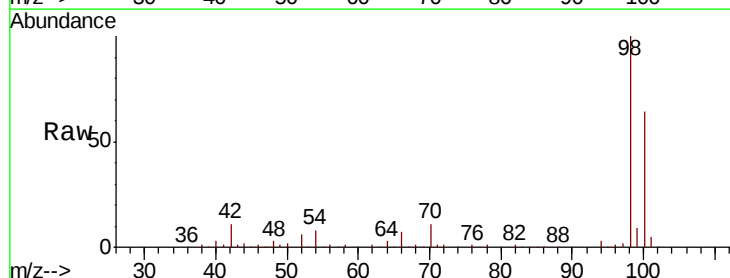


Abundance Ion 88.00 (87.70 to 88.70): VX0  
Ion 43.00 (42.70 to 43.70): VX0  
Ion 58.00 (57.70 to 58.70): VX0

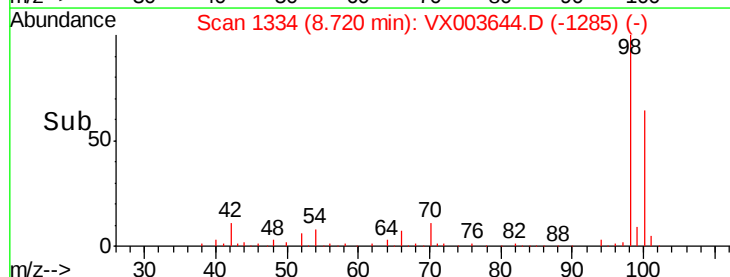
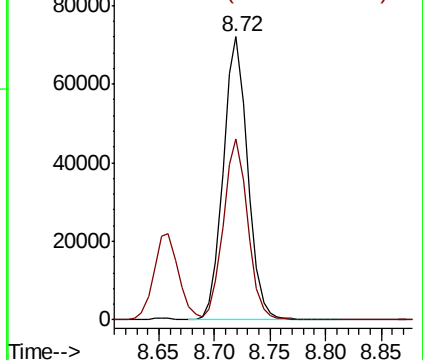


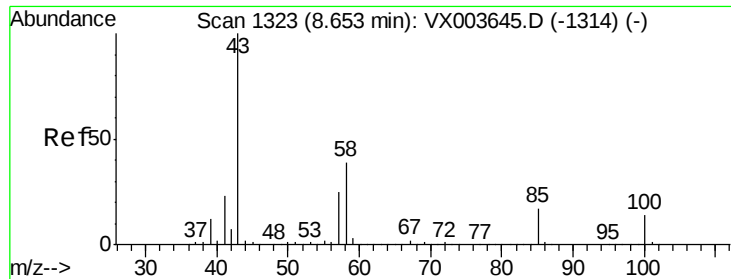
#50  
Toluene-d8  
Concen: 20.831 ug/l  
RT: 8.72 min Scan# 1334  
Delta R.T. 0.00 min  
Lab File: VX003644.D  
Acq: 24 Jul 2018 17:08

Tgt Ion: 98 Resp: 109599  
Ion Ratio Lower Upper  
98 100  
100 63.8 50.9 76.3



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

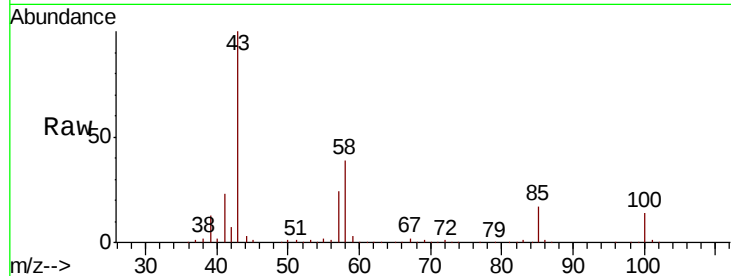




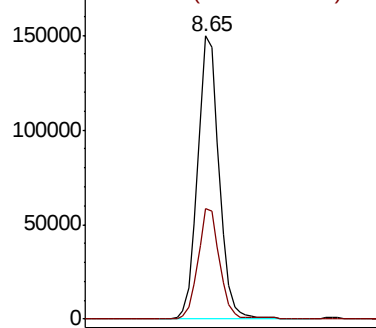
#51  
4-Methyl-2-Pentanone  
Concen: 101.650 ug/l  
RT: 8.65 min Scan# 1323  
Delta R.T. 0.00 min  
Lab File: VX003644.D  
Acq: 24 Jul 2018 17:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

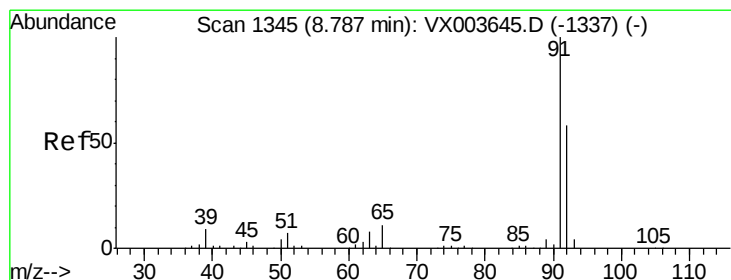
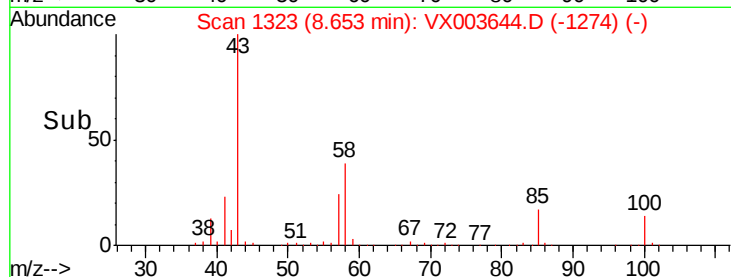
Tgt Ion: 43 Resp: 237162  
Ion Ratio Lower Upper  
43 100  
58 38.7 31.5 47.3



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

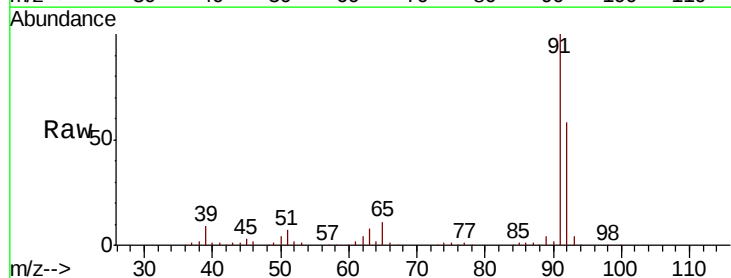


Time-->

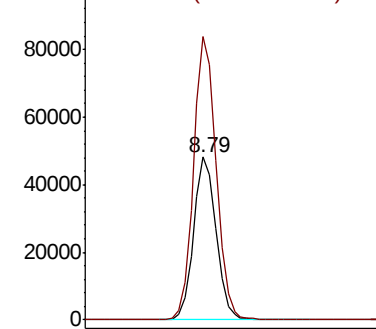


#52  
Toluene  
Concen: 20.360 ug/l  
RT: 8.79 min Scan# 1345  
Delta R.T. 0.00 min  
Lab File: VX003644.D  
Acq: 24 Jul 2018 17:08

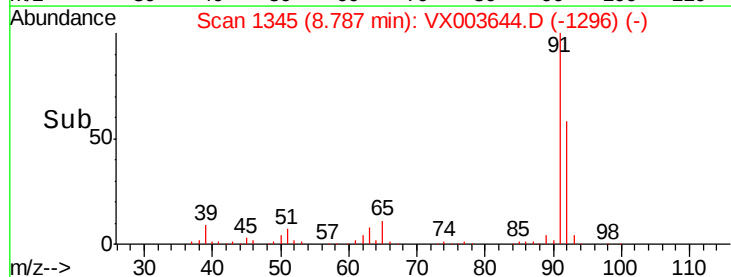
Tgt Ion: 92 Resp: 73826  
Ion Ratio Lower Upper  
92 100  
91 174.8 139.0 208.6

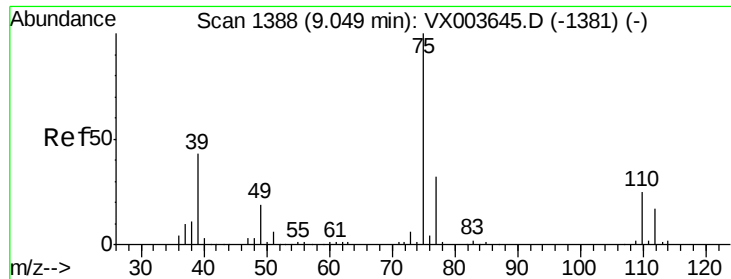


Abundance Ion 92.00 (91.70 to 92.70): VX0  
Ion 91.00 (90.70 to 91.70): VX0



Time-->

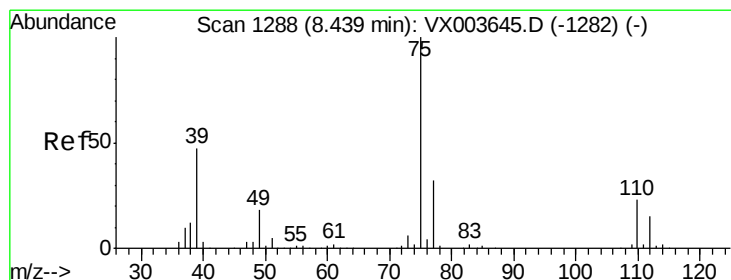
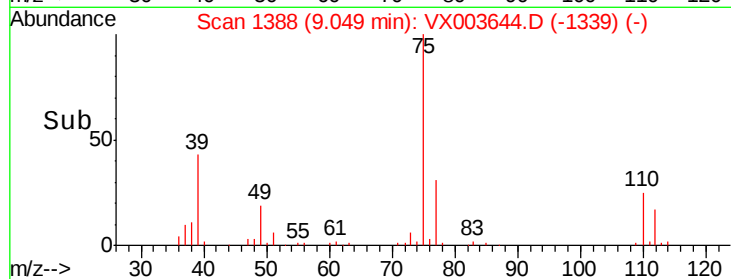
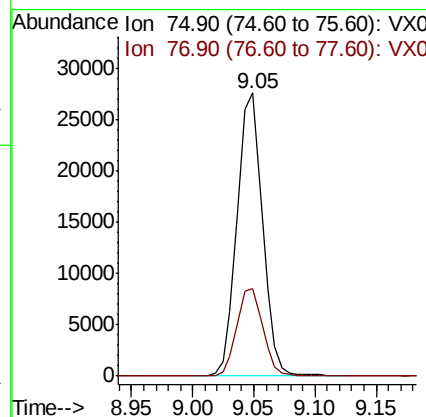
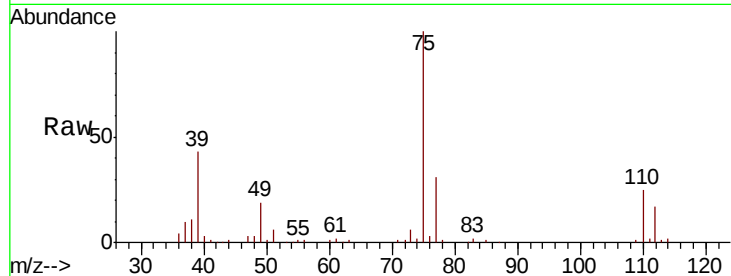




#53  
 t-1,3-Dichloropropene  
 Concen: 18.194 ug/l  
 RT: 9.05 min Scan# 1388  
 Delta R.T. 0.00 min  
 Lab File: VX003644.D  
 Acq: 24 Jul 2018 17:08

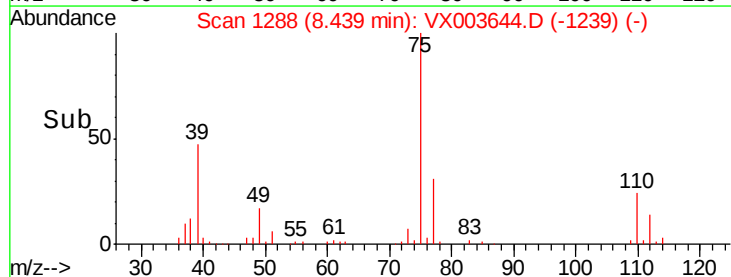
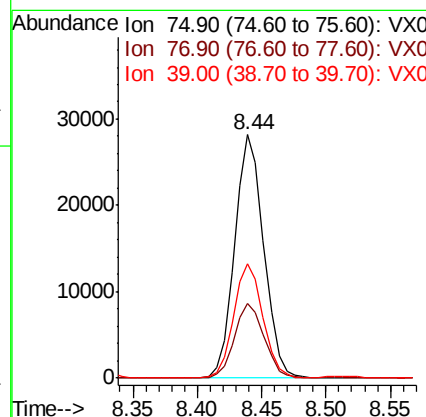
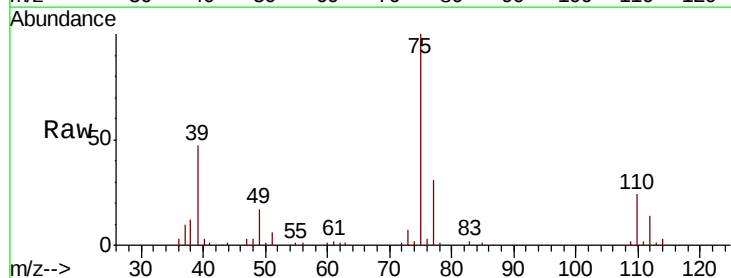
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC020

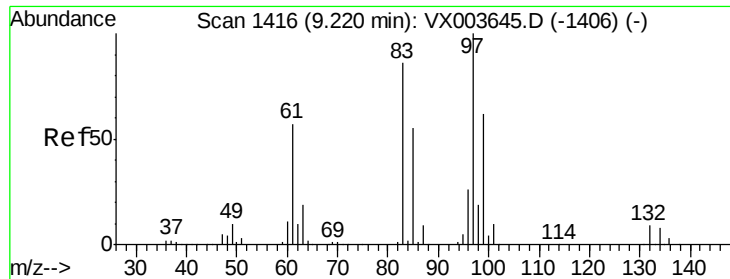
Tgt Ion: 75 Resp: 39662  
 Ion Ratio Lower Upper  
 75 100  
 77 30.8 25.8 38.6



#54  
 cis-1,3-Dichloropropene  
 Concen: 21.656 ug/l  
 RT: 8.44 min Scan# 1288  
 Delta R.T. 0.00 min  
 Lab File: VX003644.D  
 Acq: 24 Jul 2018 17:08

Tgt Ion: 75 Resp: 44241  
 Ion Ratio Lower Upper  
 75 100  
 77 30.9 25.2 37.8  
 39 46.8 38.0 57.0

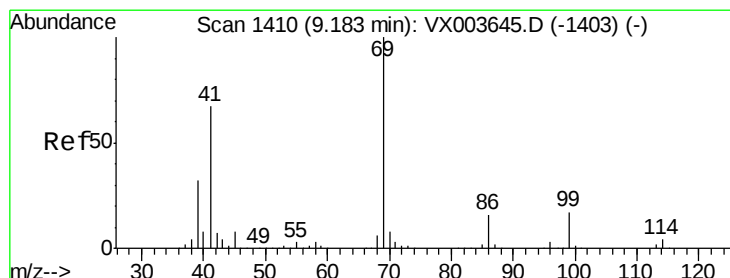
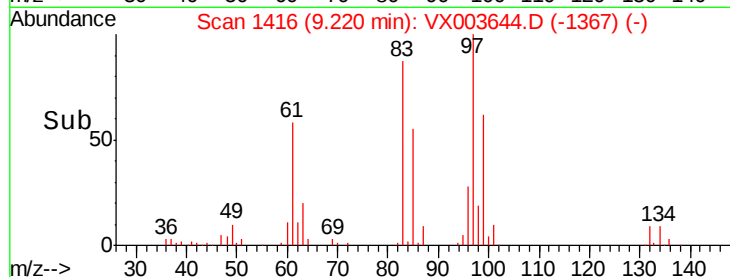
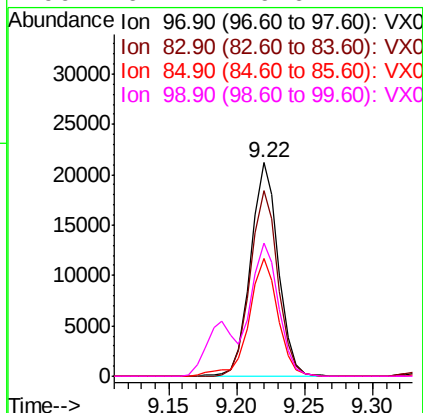
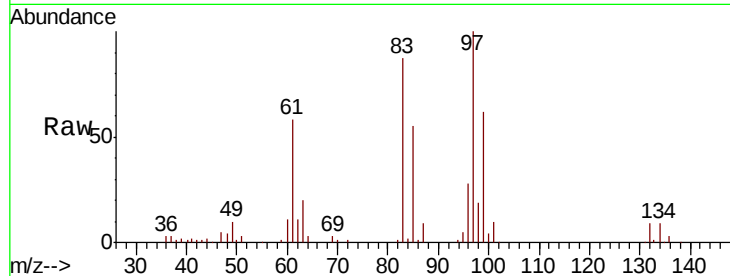




#55  
 1,1,2-Trichloroethane  
 Concen: 20.427 ug/l  
 RT: 9.22 min Scan# 1416  
 Delta R.T. 0.00 min  
 Lab File: VX003644.D  
 Acq: 24 Jul 2018 17:08

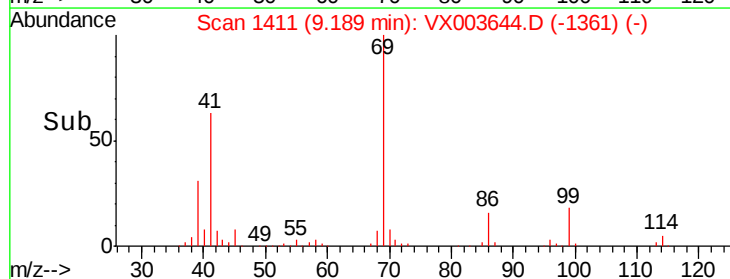
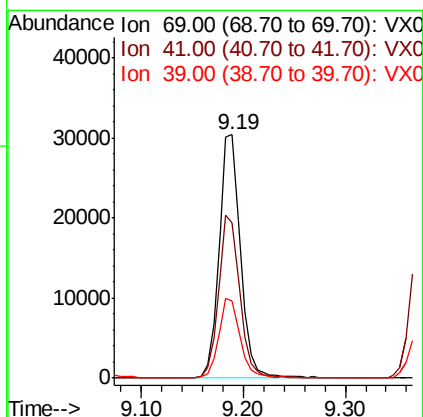
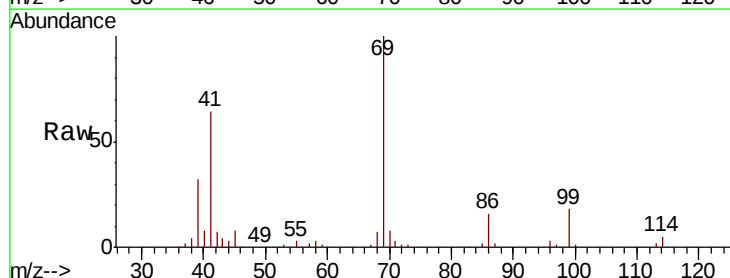
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC020

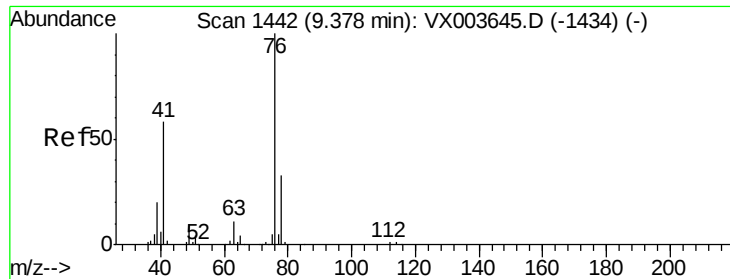
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 30277 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 86.9  | 68.7  | 103.1 |
| 85       | 55.1  | 43.7  | 65.5  |
| 99       | 62.2  | 49.6  | 74.4  |



#56  
 Ethyl methacrylate  
 Concen: 20.282 ug/l  
 RT: 9.19 min Scan# 1411  
 Delta R.T. 0.01 min  
 Lab File: VX003644.D  
 Acq: 24 Jul 2018 17:08

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 44736 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 66.7  | 53.8  | 80.6  |
| 39       | 33.6  | 25.8  | 38.8  |





#57

1,3-Dichloropropane

Concen: 20.420 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX003644.D

Acq: 24 Jul 2018 17:08

Instrument :

MSVOA\_X

ClientSampleId :

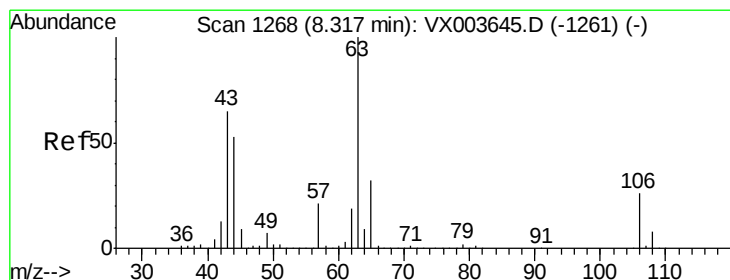
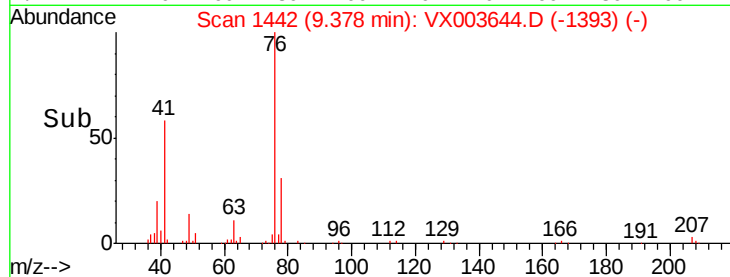
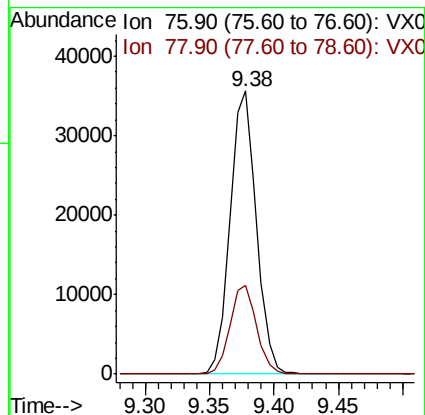
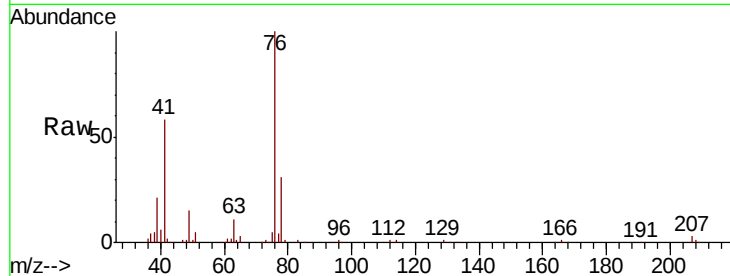
VSTDIC020

Tgt Ion: 76 Resp: 50821

Ion Ratio Lower Upper

76 100

78 31.7 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 104.189 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003644.D

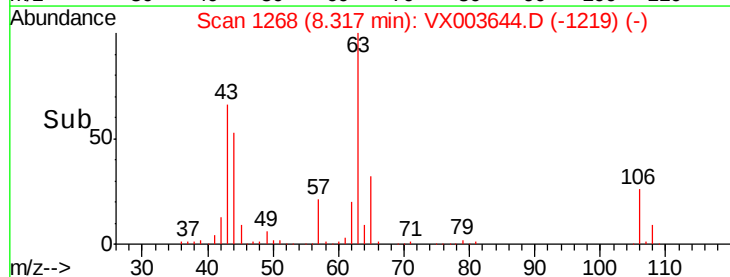
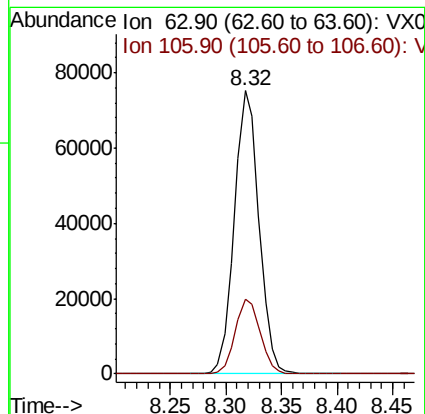
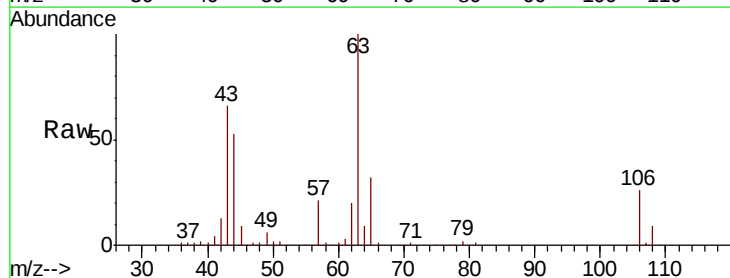
Acq: 24 Jul 2018 17:08

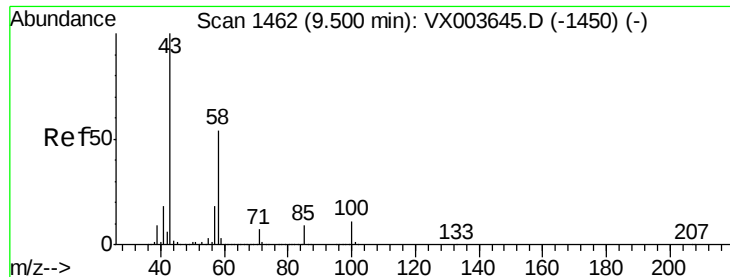
Tgt Ion: 63 Resp: 115481

Ion Ratio Lower Upper

63 100

106 26.7 21.5 32.3

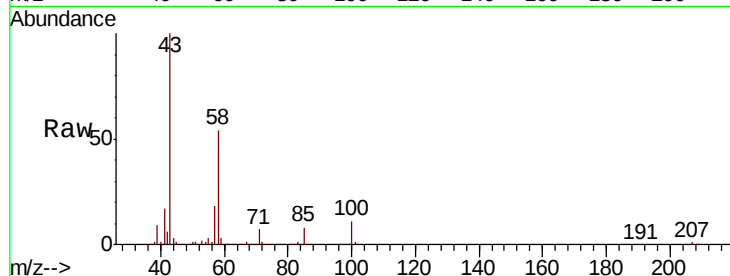




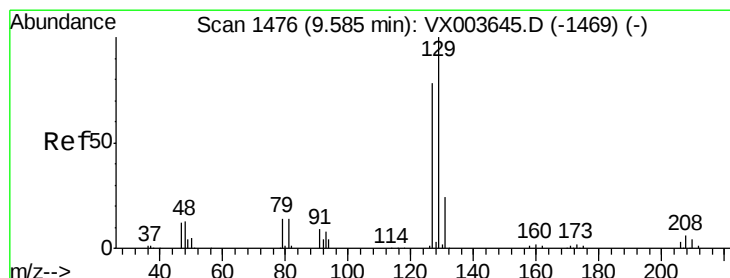
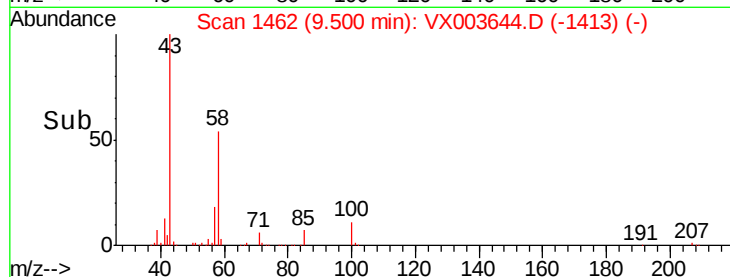
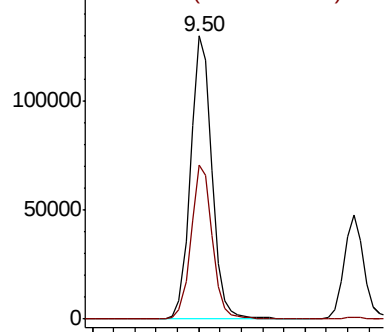
#59  
2-Hexanone  
Concen: 102.061 ug/l  
RT: 9.50 min Scan# 1462  
Delta R.T. 0.00 min  
Lab File: VX003644.D  
Acq: 24 Jul 2018 17:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

Tgt Ion: 43 Resp: 182659  
Ion Ratio Lower Upper  
43 100  
58 54.1 27.3 81.9

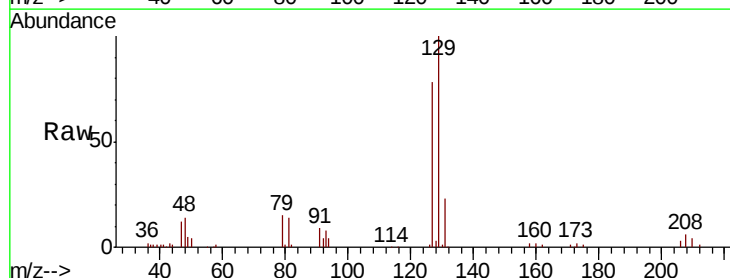


Abundance Ion 43.00 (42.70 to 43.70): VX0  
Ion 58.00 (57.70 to 58.70): VX0

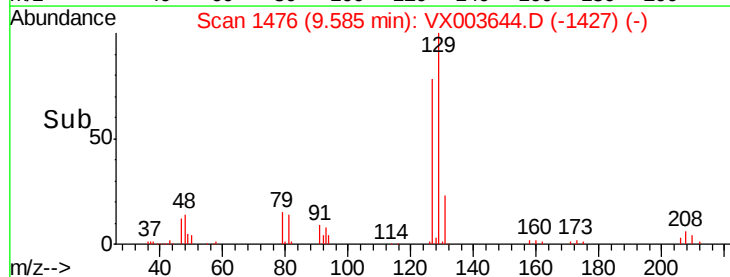
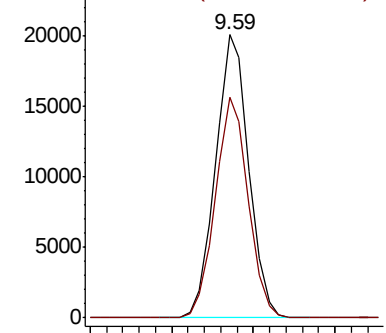


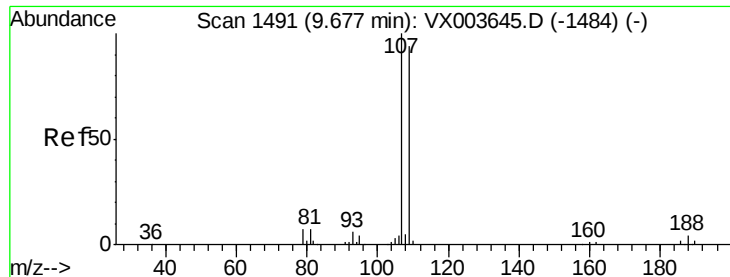
#60  
Dibromochloromethane  
Concen: 20.171 ug/l  
RT: 9.59 min Scan# 1476  
Delta R.T. 0.00 min  
Lab File: VX003644.D  
Acq: 24 Jul 2018 17:08

Tgt Ion: 129 Resp: 28357  
Ion Ratio Lower Upper  
129 100  
127 77.1 38.7 116.1



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





#61

1,2-Dibromoethane

Concen: 20.360 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003644.D

Acq: 24 Jul 2018 17:08

Instrument :

MSVOA\_X

ClientSampleId :

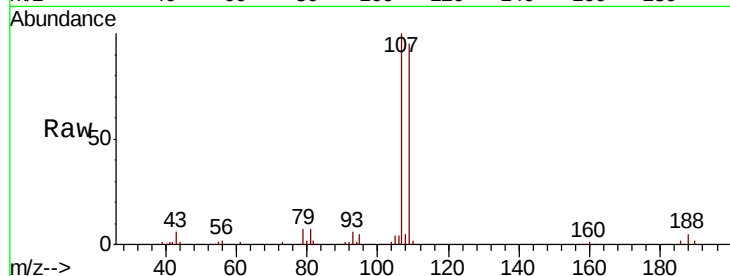
VSTDIC020

Tgt Ion: 107 Resp: 31423

Ion Ratio Lower Upper

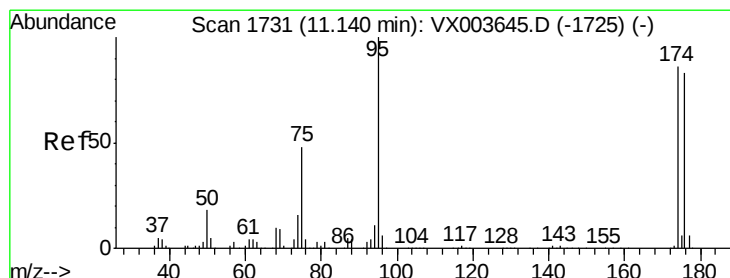
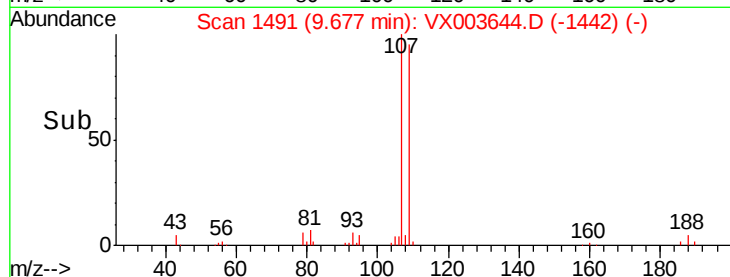
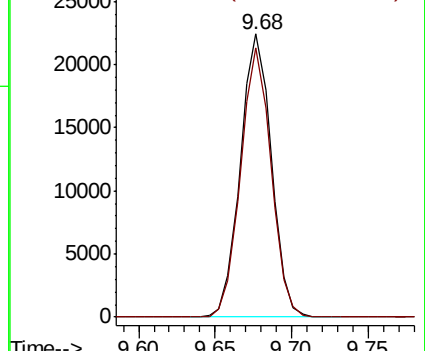
107 100

109 93.8 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 20.353 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003644.D

Acq: 24 Jul 2018 17:08

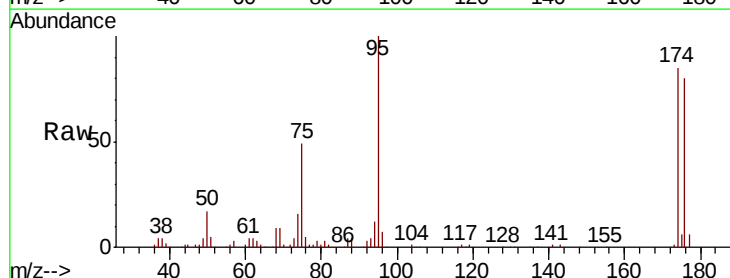
Tgt Ion: 95 Resp: 39057

Ion Ratio Lower Upper

95 100

174 88.8 0.0 179.0

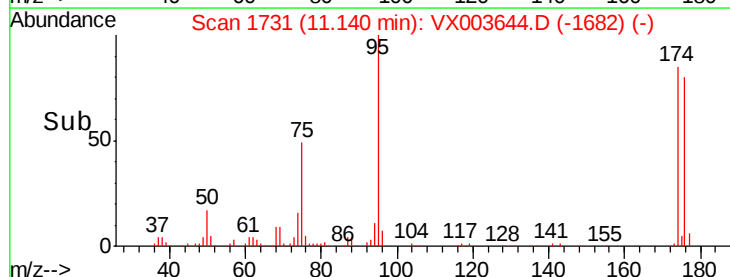
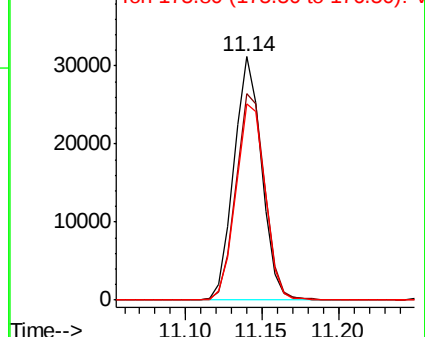
176 85.2 0.0 173.0

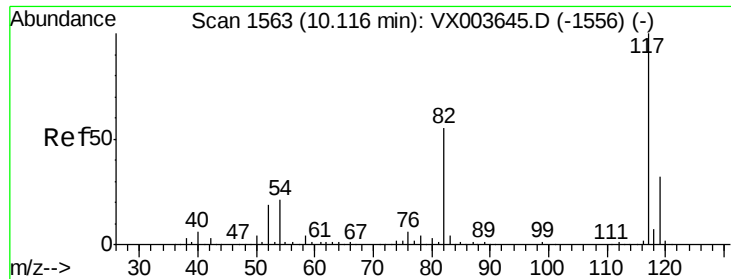


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

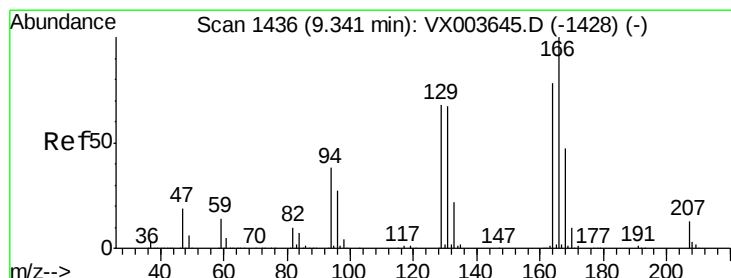
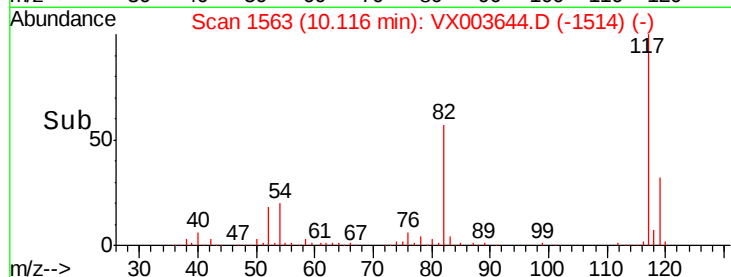
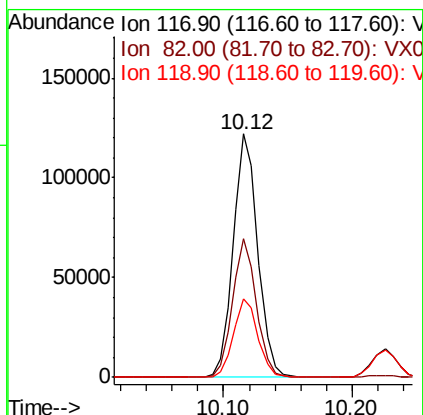
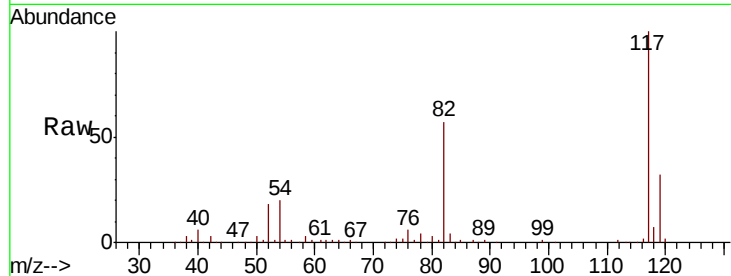




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1563  
Delta R.T. 0.00 min  
Lab File: VX003644.D  
Acq: 24 Jul 2018 17:08

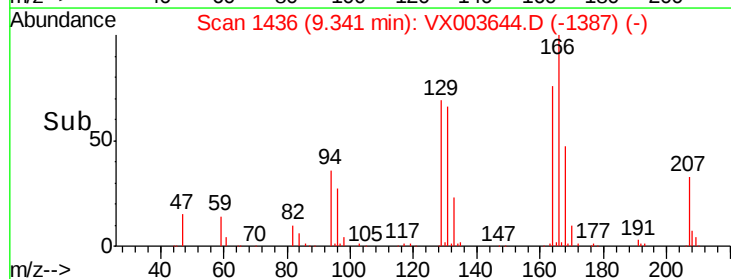
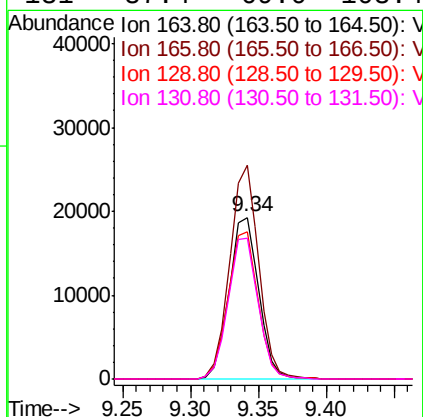
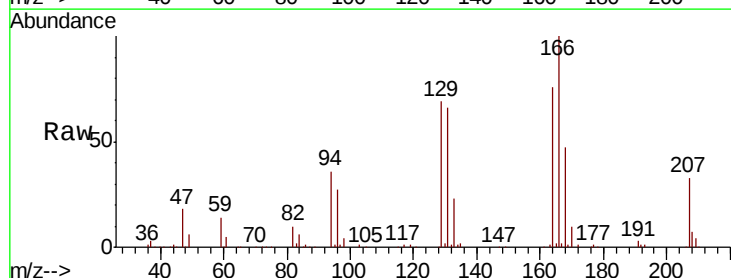
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

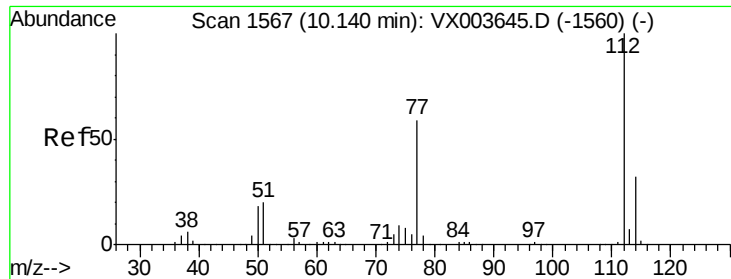
Tgt Ion:117 Resp: 161974  
Ion Ratio Lower Upper  
117 100  
82 57.0 44.3 66.5  
119 32.2 25.6 38.4



#64  
Tetrachloroethene  
Concen: 19.763 ug/l  
RT: 9.34 min Scan# 1436  
Delta R.T. 0.00 min  
Lab File: VX003644.D  
Acq: 24 Jul 2018 17:08

Tgt Ion:164 Resp: 29266  
Ion Ratio Lower Upper  
164 100  
166 132.3 102.4 153.6  
129 91.4 69.6 104.4  
131 87.4 69.0 103.4





#65

Chlorobenzene

Concen: 20.029 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003644.D

Acq: 24 Jul 2018 17:08

Instrument :

MSVOA\_X

ClientSampleId :

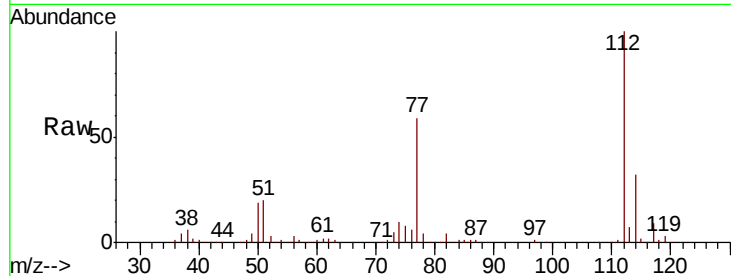
VSTDIC020

Tgt Ion:112 Resp: 81644

Ion Ratio Lower Upper

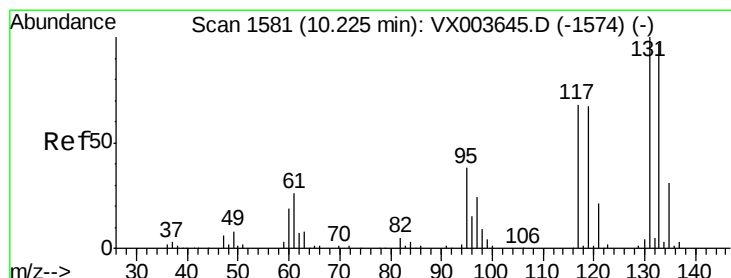
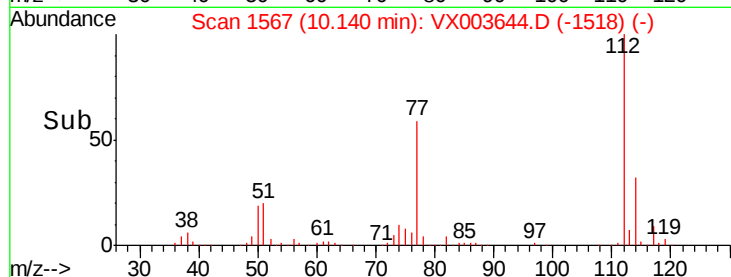
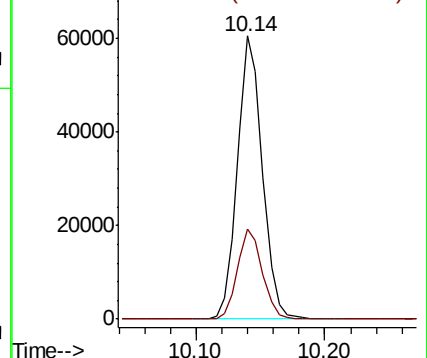
112 100

114 32.1 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.786 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003644.D

Acq: 24 Jul 2018 17:08

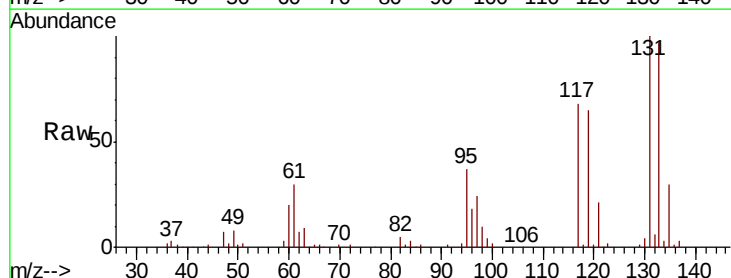
Tgt Ion:131 Resp: 28040

Ion Ratio Lower Upper

131 100

133 96.0 47.6 142.8

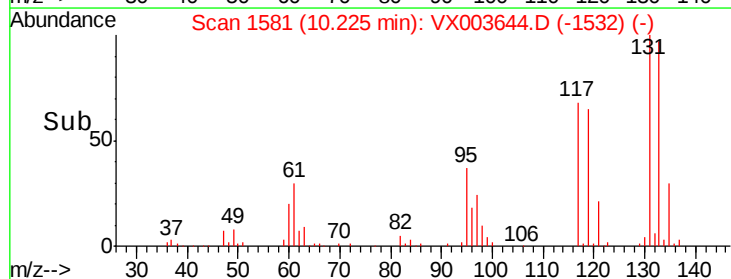
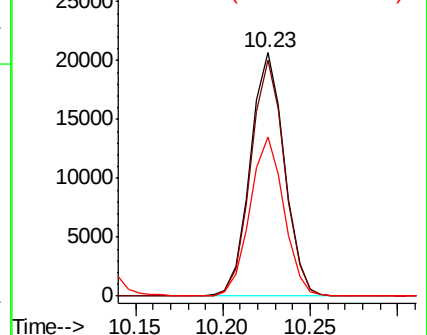
119 65.2 32.8 98.4

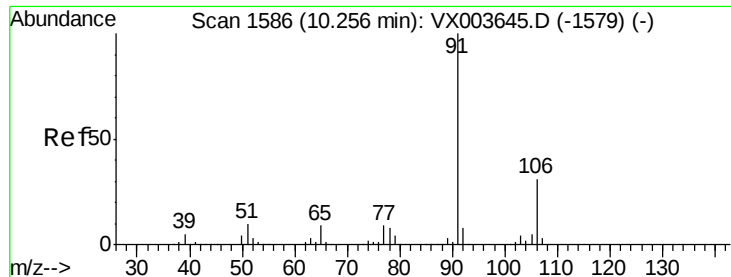


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

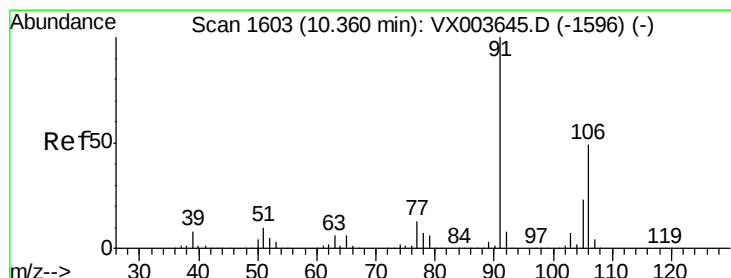
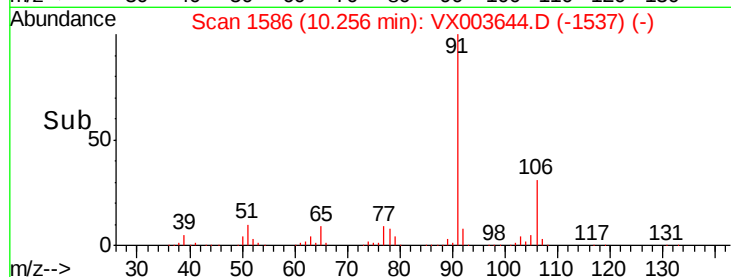
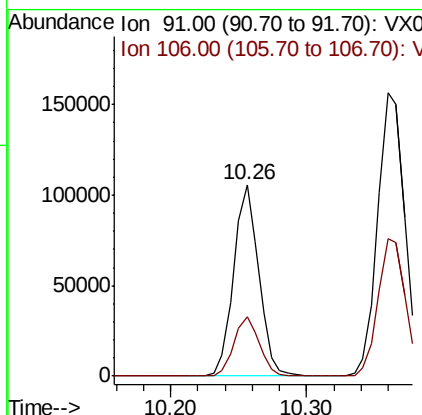
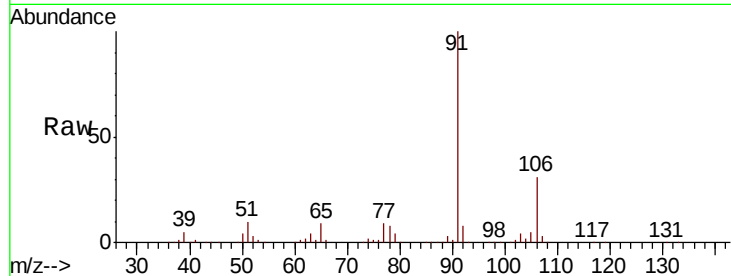




#67  
Ethyl Benzene  
Concen: 19.940 ug/l  
RT: 10.26 min Scan# 1586  
Delta R.T. 0.00 min  
Lab File: VX003644.D  
Acq: 24 Jul 2018 17:08

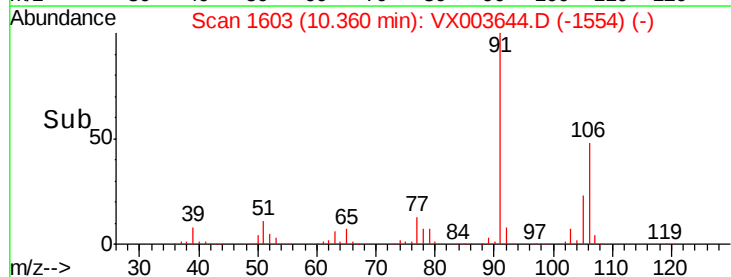
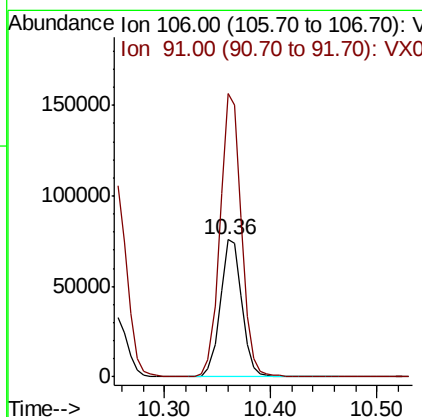
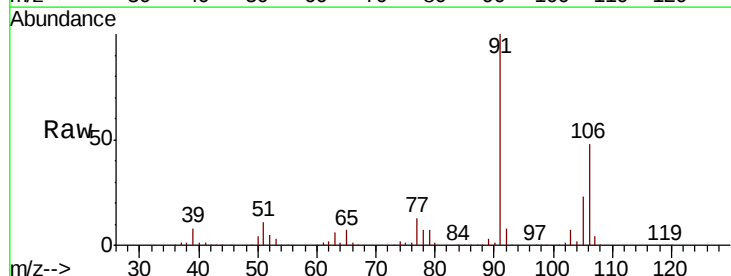
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

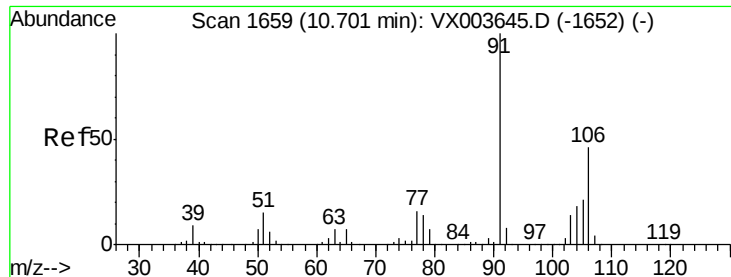
Tgt Ion: 91 Resp: 136060  
Ion Ratio Lower Upper  
91 100  
106 31.3 25.0 37.6



#68  
m/p-Xylenes  
Concen: 40.804 ug/l  
RT: 10.36 min Scan# 1603  
Delta R.T. 0.00 min  
Lab File: VX003644.D  
Acq: 24 Jul 2018 17:08

Tgt Ion: 106 Resp: 106810  
Ion Ratio Lower Upper  
106 100  
91 204.4 162.2 243.2

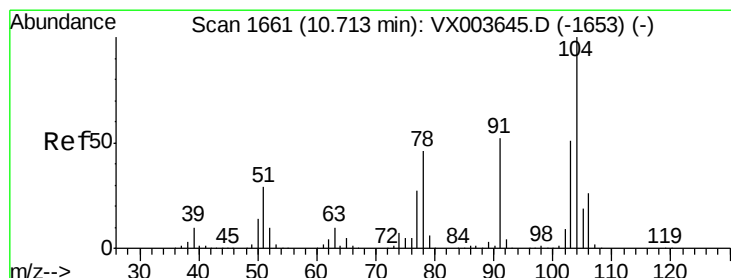
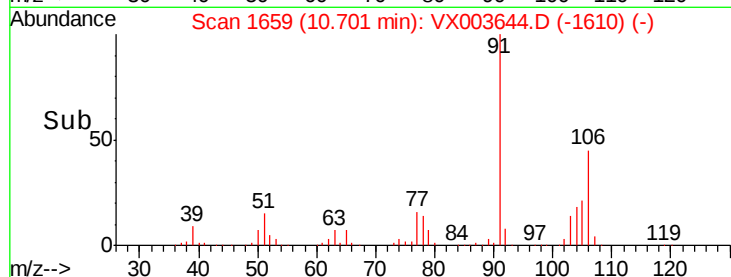
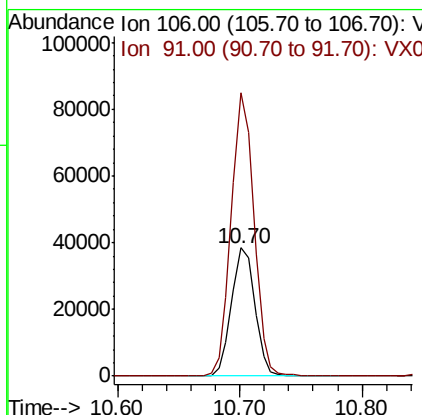
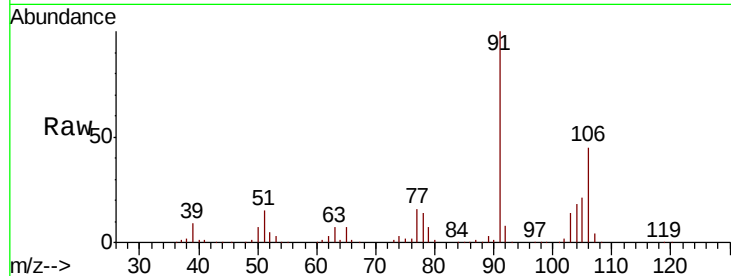




#69  
o-Xylene  
Concen: 20.261 ug/l  
RT: 10.70 min Scan# 1659  
Delta R.T. -0.00 min  
Lab File: VX003644.D  
Acq: 24 Jul 2018 17:08

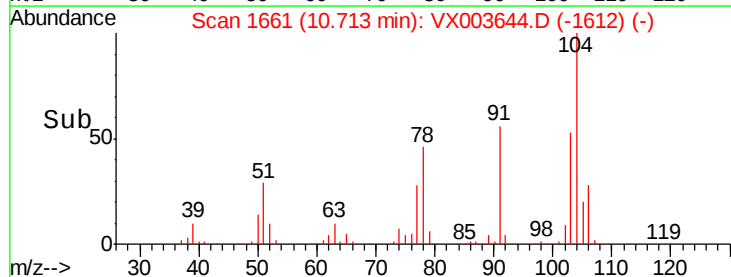
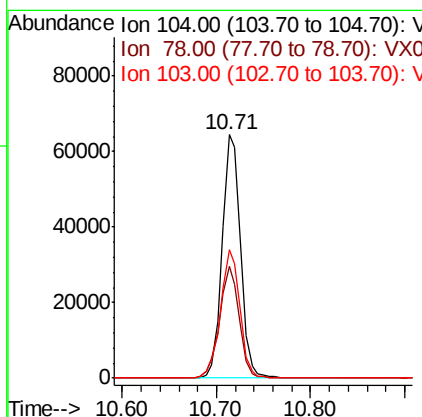
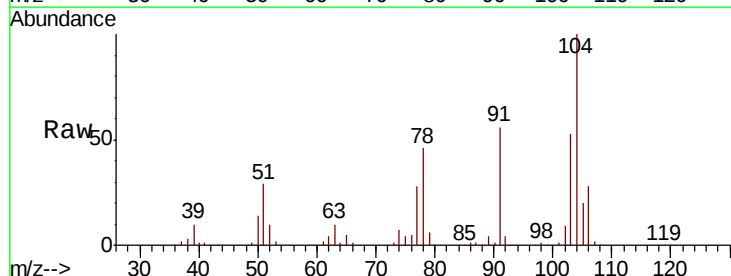
Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDIC020

Tgt Ion:106 Resp: 51059  
Ion Ratio Lower Upper  
106 100  
91 215.4 107.1 321.1



#70  
Styrene  
Concen: 20.513 ug/l  
RT: 10.71 min Scan# 1661  
Delta R.T. 0.00 min  
Lab File: VX003644.D  
Acq: 24 Jul 2018 17:08

Tgt Ion:104 Resp: 86833  
Ion Ratio Lower Upper  
104 100  
78 49.1 39.2 58.8  
103 55.9 44.2 66.4





#71

Bromoform

Concen: 19.002 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003644.D

Acq: 24 Jul 2018 17:08

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC020

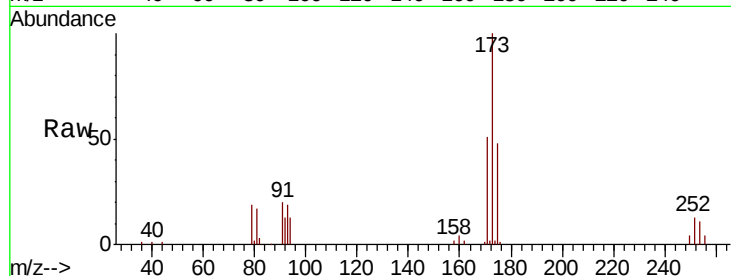
Tgt Ion:173 Resp: 21294

Ion Ratio Lower Upper

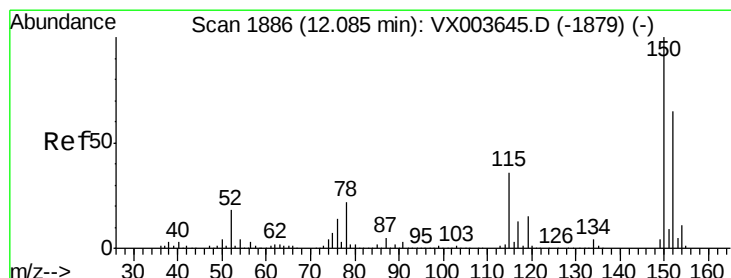
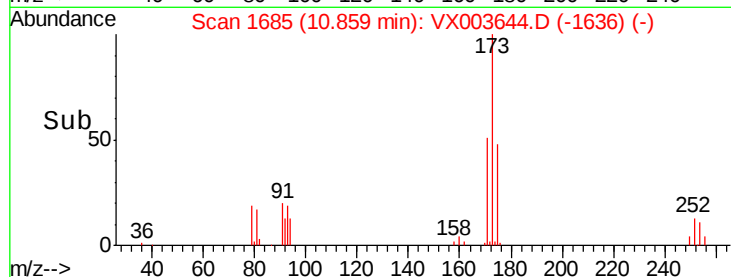
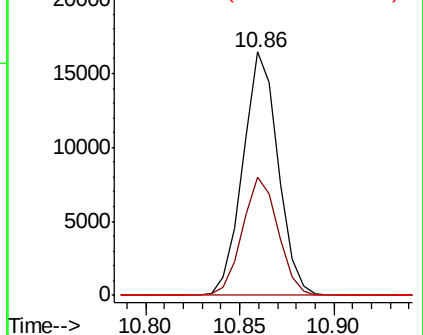
173 100

175 48.9 24.1 72.2

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX003644.D

Acq: 24 Jul 2018 17:08

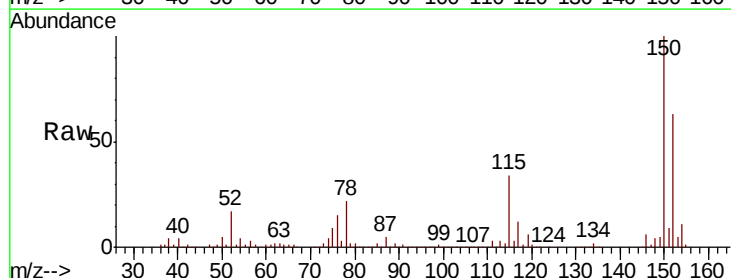
Tgt Ion:152 Resp: 96022

Ion Ratio Lower Upper

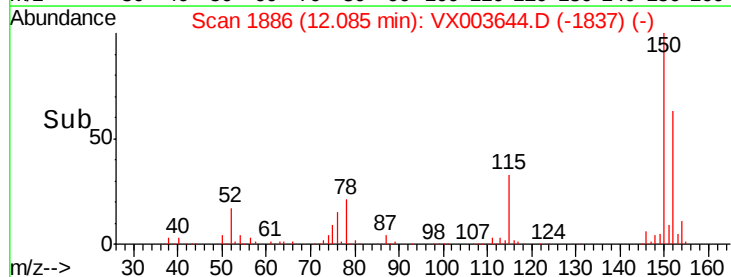
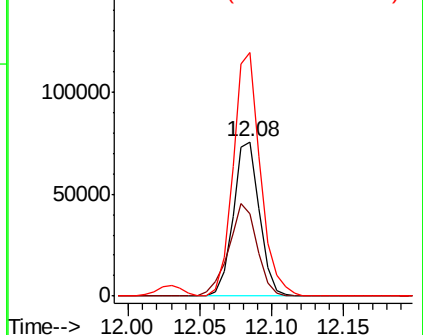
152 100

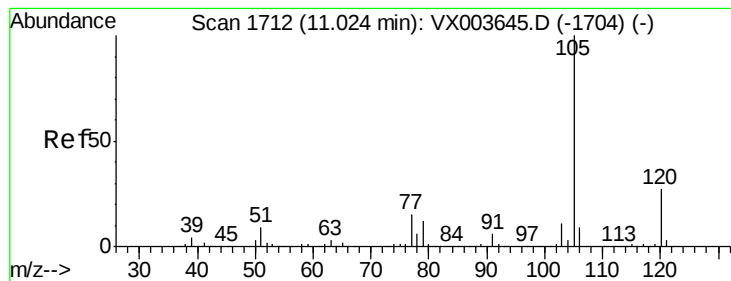
115 65.4 40.0 119.9

150 164.2 0.0 348.4



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: 20.929 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX003644.D

Acq: 24 Jul 2018 17:08

Instrument :

MSVOA\_X

ClientSampleId :

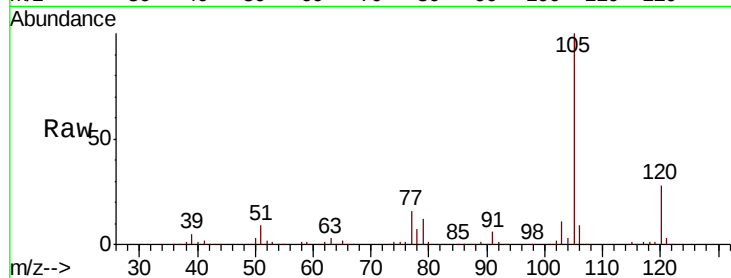
VSTDIC020

Tgt Ion:105 Resp: 137304

Ion Ratio Lower Upper

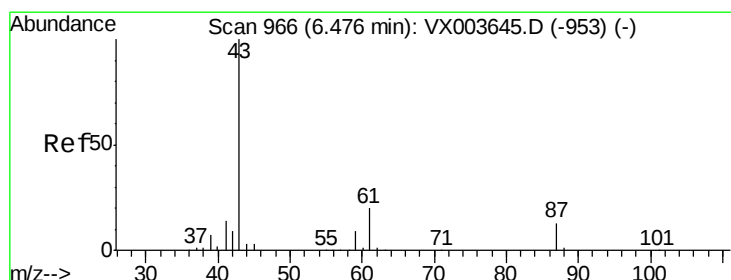
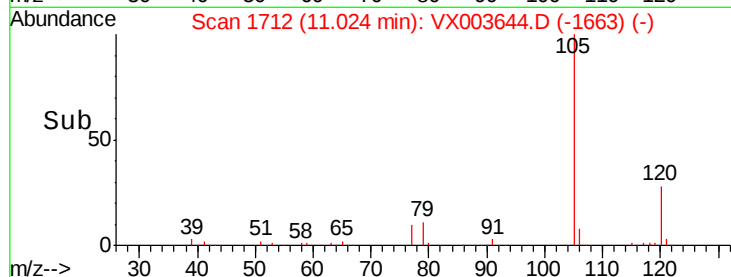
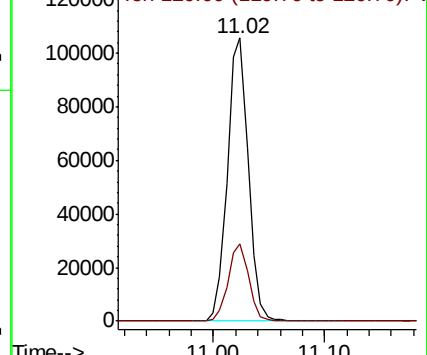
105 100

120 26.8 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.267 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX003644.D

Acq: 24 Jul 2018 17:08

Tgt Ion: 43 Resp: 69347

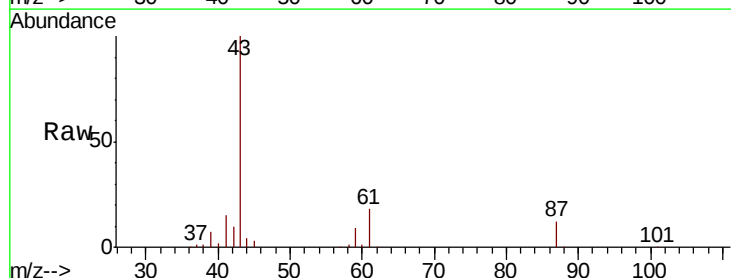
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 20.2 15.9 23.9

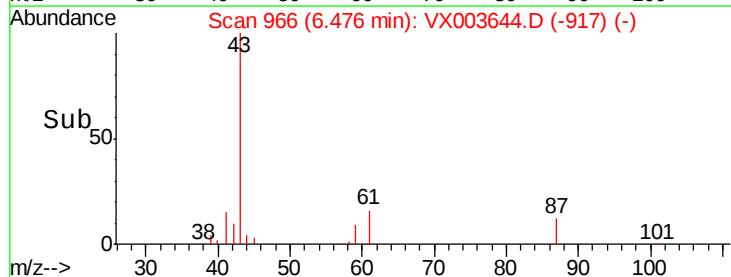
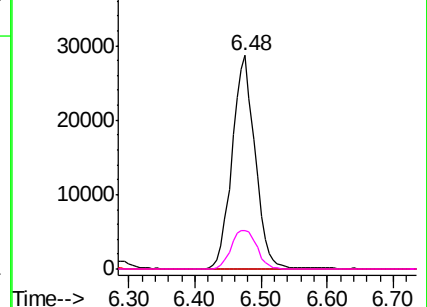


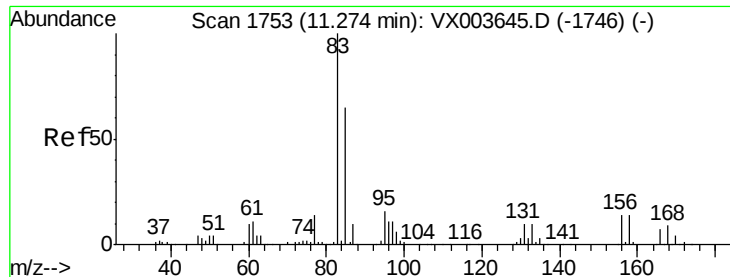
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.095 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX003644.D

Acq: 24 Jul 2018 17:08

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC020

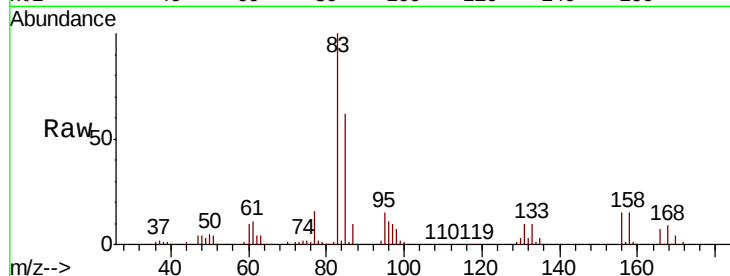
Tgt Ion: 83 Resp: 48684

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.4

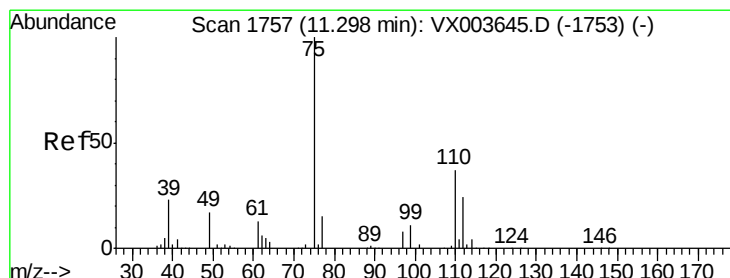
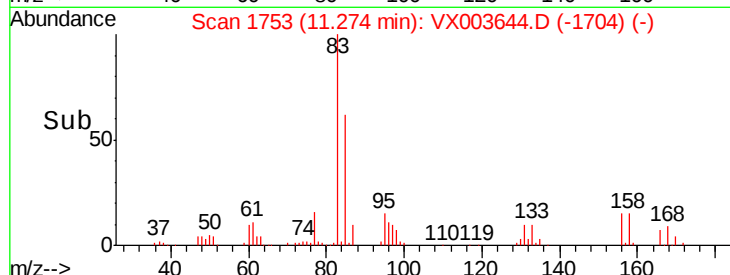
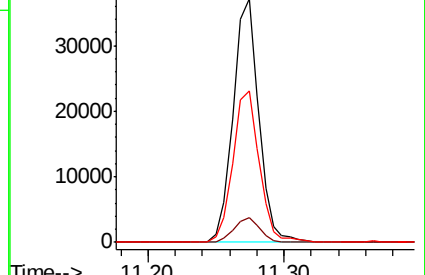
85 64.1 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX003644.D (-1746) (-)

Ion 130.80 (130.50 to 131.50): VX003644.D (-1746) (-)

Ion 84.90 (84.60 to 85.60): VX003644.D (-1746) (-)



#76

1,2,3-Trichloropropane

Concen: 27.088 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003644.D

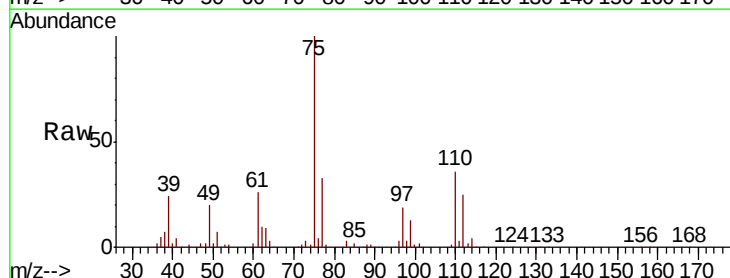
Acq: 24 Jul 2018 17:08

Tgt Ion: 75 Resp: 54557

Ion Ratio Lower Upper

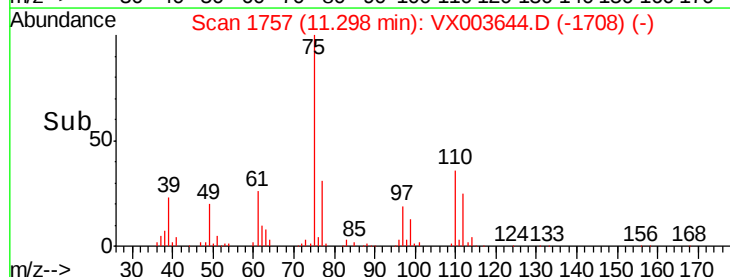
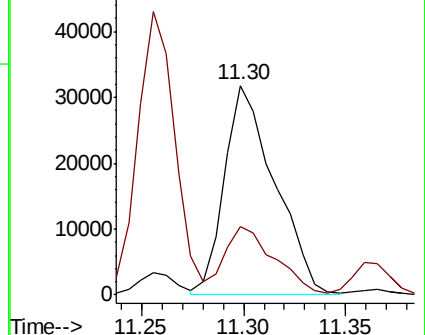
75 100

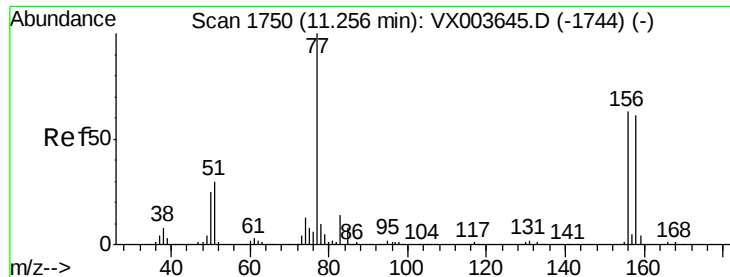
77 32.4 21.6 64.6



Abundance Ion 74.90 (74.60 to 75.60): VX003644.D (-1708) (-)

Ion 77.00 (76.70 to 77.70): VX003644.D (-1708) (-)





#77

Bromobenzene

Concen: 20.272 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003644.D

Acq: 24 Jul 2018 17:08

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC020

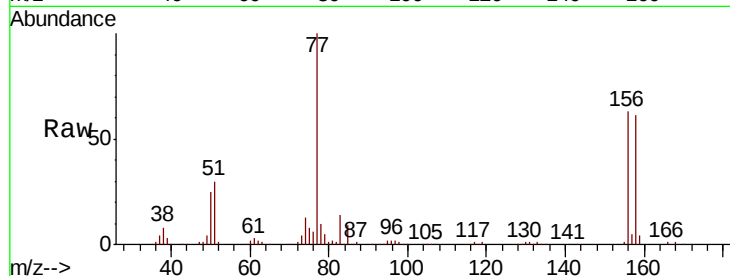
Tgt Ion:156 Resp: 36121

Ion Ratio Lower Upper

156 100

77 150.9 74.9 224.6

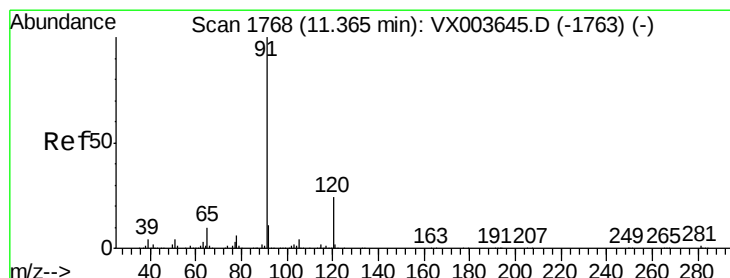
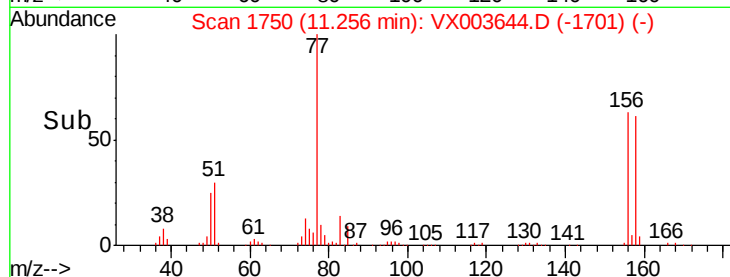
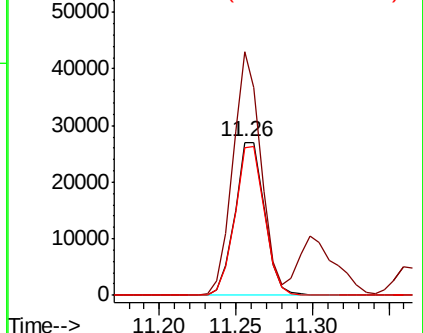
158 97.4 48.4 145.2



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: 20.943 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX003644.D

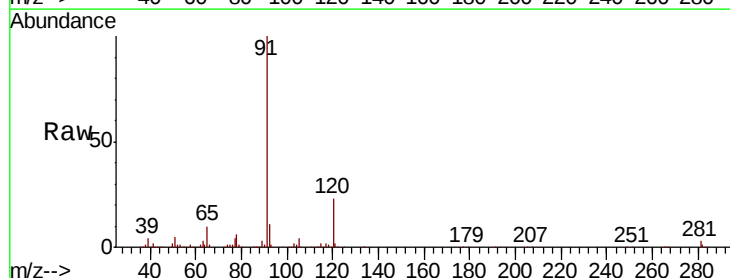
Acq: 24 Jul 2018 17:08

Tgt Ion: 91 Resp: 158655

Ion Ratio Lower Upper

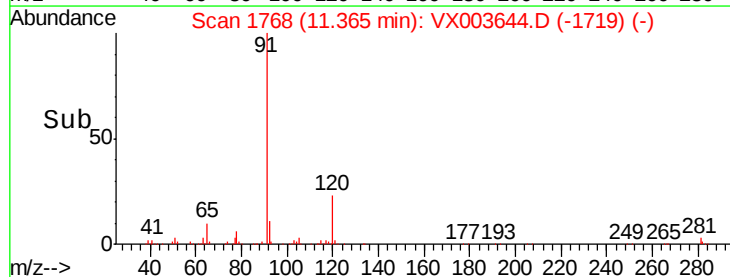
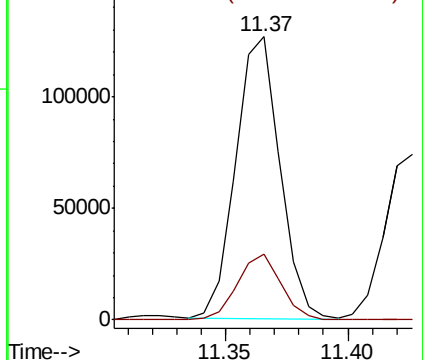
91 100

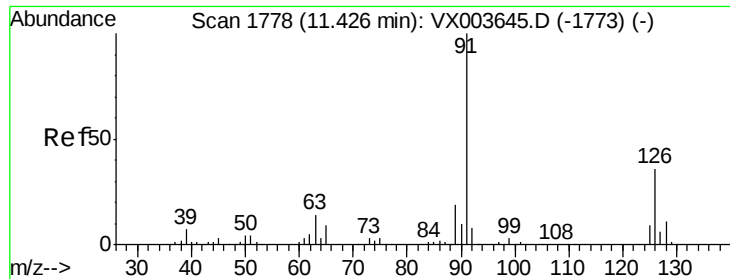
120 23.1 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

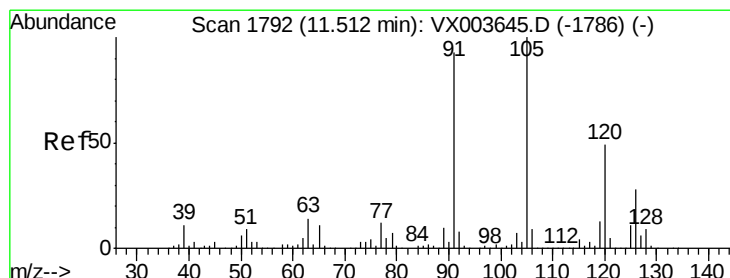
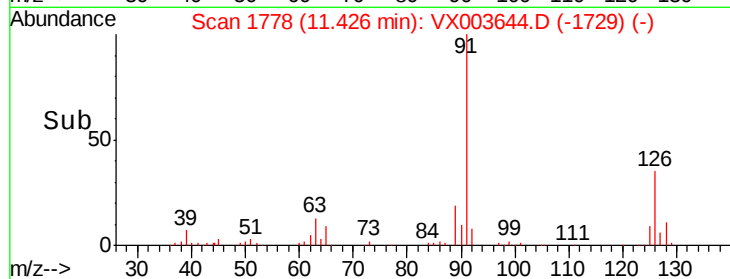
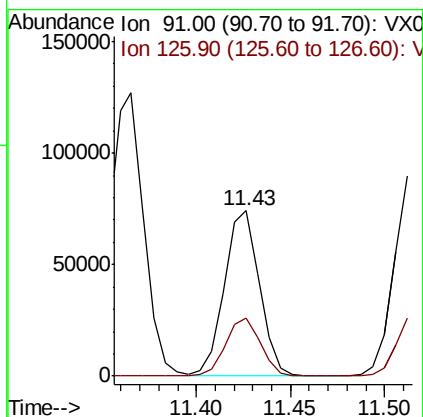
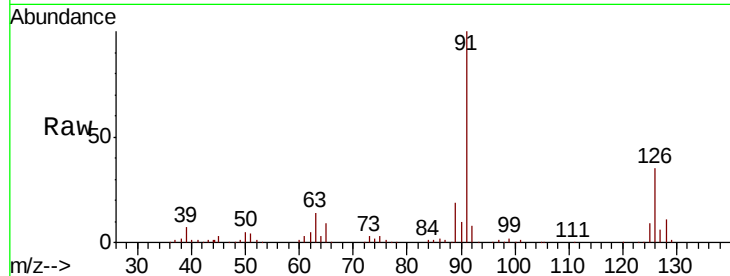




#79  
 2-Chlorotoluene  
 Concen: 20.653 ug/l  
 RT: 11.43 min Scan# 1778  
 Delta R.T. 0.00 min  
 Lab File: VX003644.D  
 Acq: 24 Jul 2018 17:08

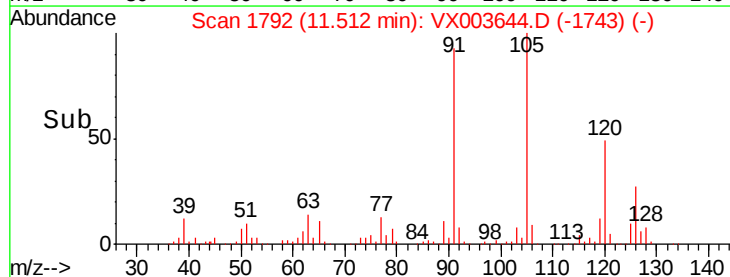
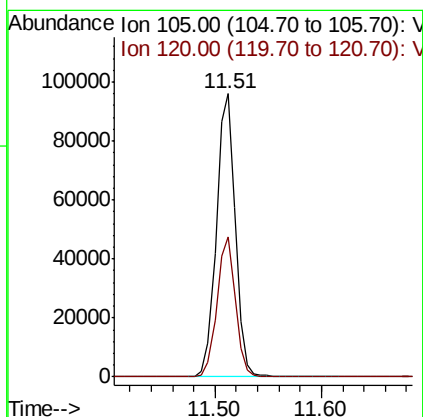
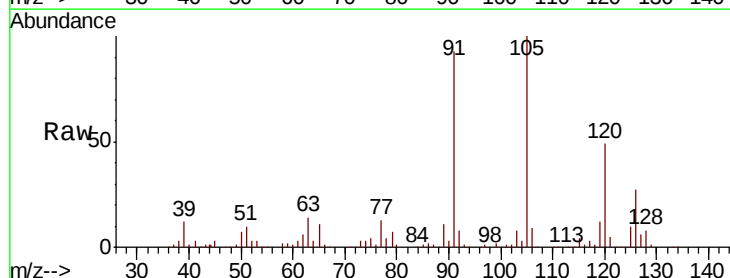
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC020

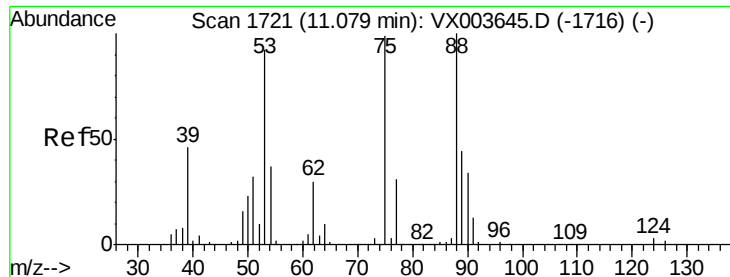
Tgt Ion: 91 Resp: 95092  
 Ion Ratio Lower Upper  
 91 100  
 126 35.3 17.3 52.0



#80  
 1,3,5-Trimethylbenzene  
 Concen: 21.167 ug/l  
 RT: 11.51 min Scan# 1792  
 Delta R.T. 0.00 min  
 Lab File: VX003644.D  
 Acq: 24 Jul 2018 17:08

Tgt Ion: 105 Resp: 117488  
 Ion Ratio Lower Upper  
 105 100  
 120 48.5 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 19.660 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003644.D

Acq: 24 Jul 2018 17:08

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC020

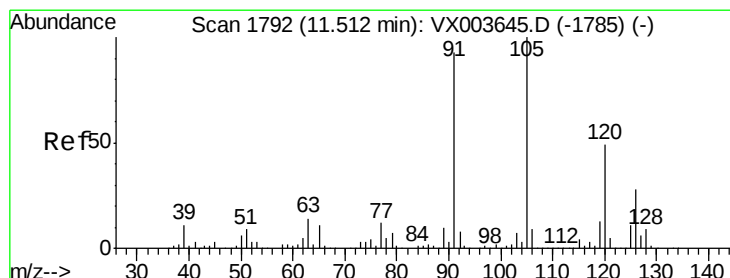
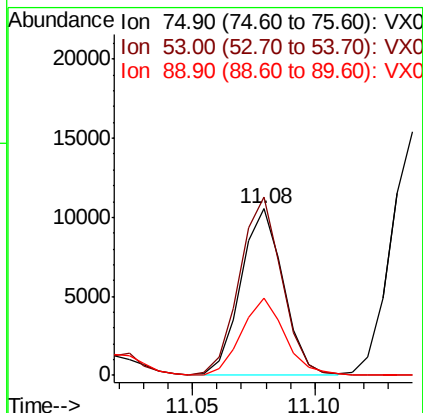
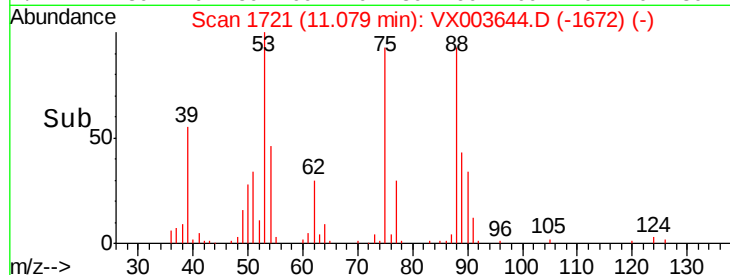
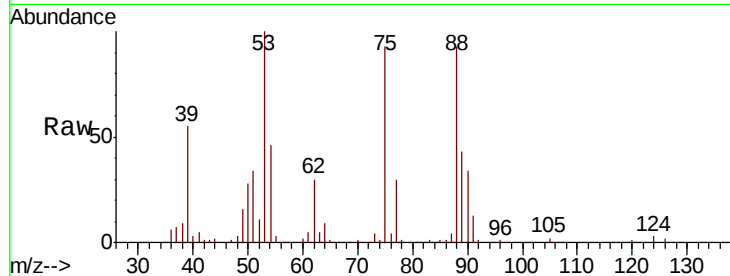
Tgt Ion: 75 Resp: 12780

Ion Ratio Lower Upper

75 100

53 106.9 77.8 116.8

89 47.5 36.6 54.8



#82

4-Chlorotoluene

Concen: 20.670 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003644.D

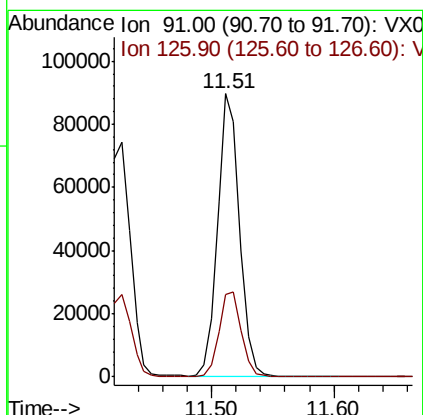
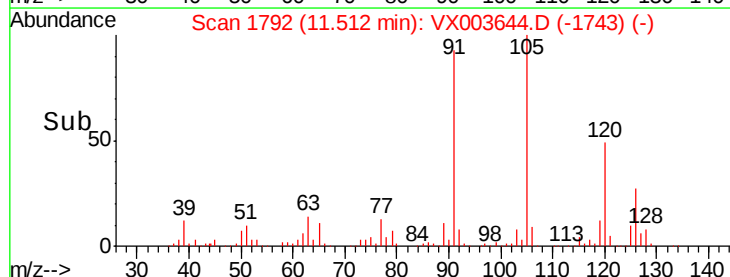
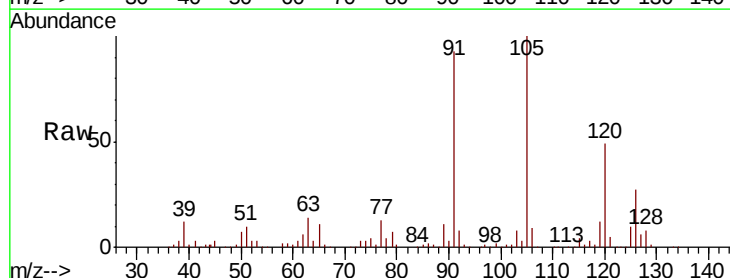
Acq: 24 Jul 2018 17:08

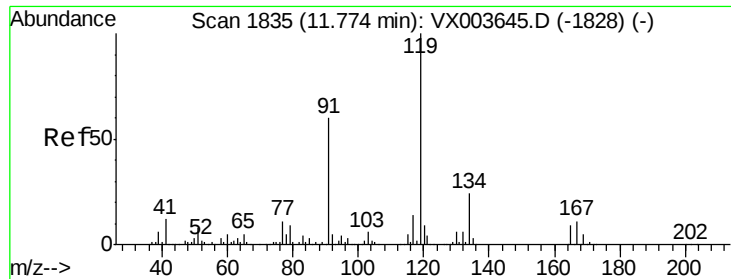
Tgt Ion: 91 Resp: 112109

Ion Ratio Lower Upper

91 100

126 30.6 15.4 46.1

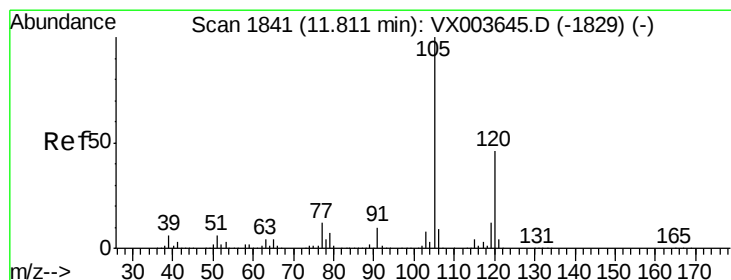
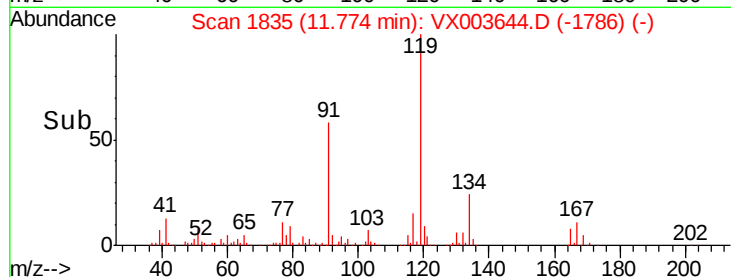
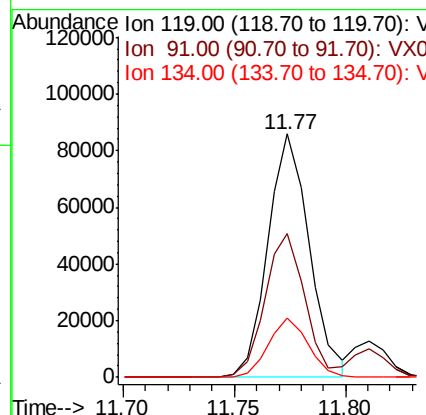
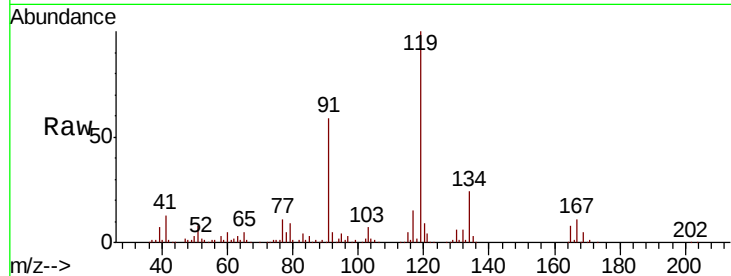




#83  
 tert-Butylbenzene  
 Concen: 20.413 ug/l  
 RT: 11.77 min Scan# 1835  
 Delta R.T. 0.00 min  
 Lab File: VX003644.D  
 Acq: 24 Jul 2018 17:08

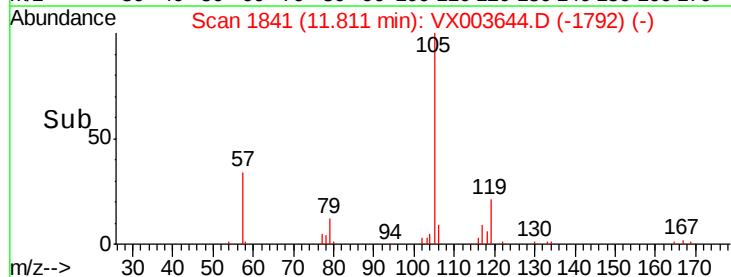
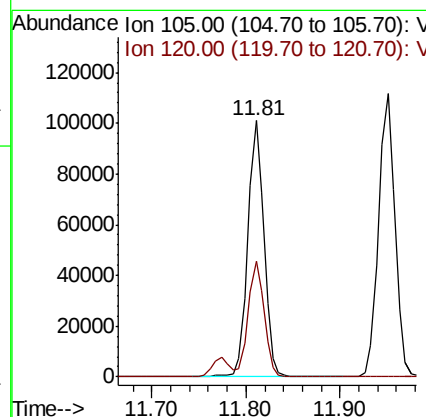
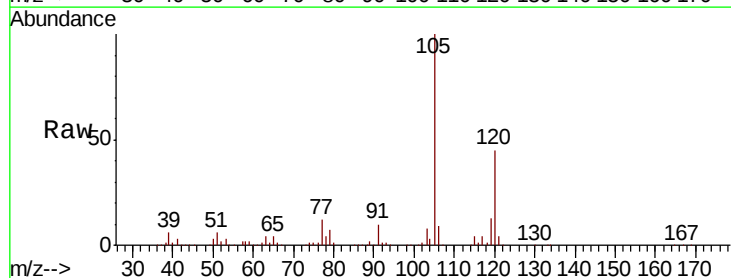
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC020

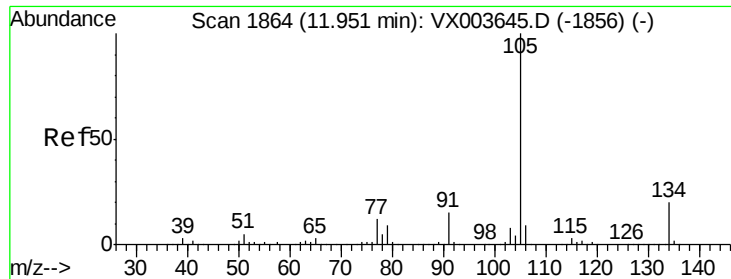
Tgt Ion:119 Resp: 110870  
 Ion Ratio Lower Upper  
 119 100  
 91 57.4 28.4 85.2  
 134 23.4 11.6 34.8



#84  
 1,2,4-Trimethylbenzene  
 Concen: 21.179 ug/l  
 RT: 11.81 min Scan# 1841  
 Delta R.T. 0.00 min  
 Lab File: VX003644.D  
 Acq: 24 Jul 2018 17:08

Tgt Ion:105 Resp: 120817  
 Ion Ratio Lower Upper  
 105 100  
 120 45.0 22.6 67.8





#85

sec-Butylbenzene

Concen: 20.869 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003644.D

Acq: 24 Jul 2018 17:08

Instrument :

MSVOA\_X

ClientSampleId :

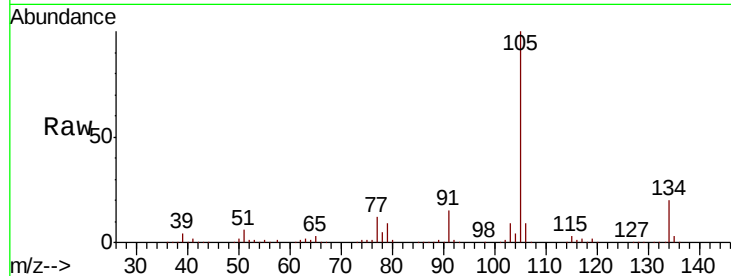
VSTDIC020

Tgt Ion:105 Resp: 135282

Ion Ratio Lower Upper

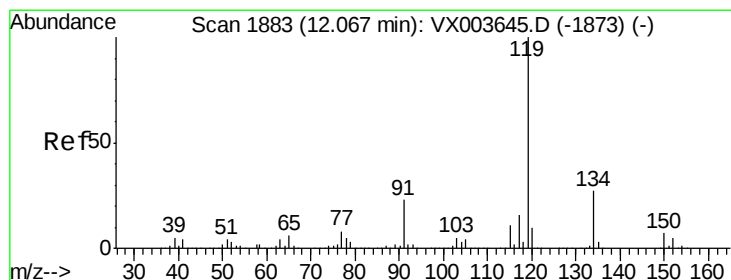
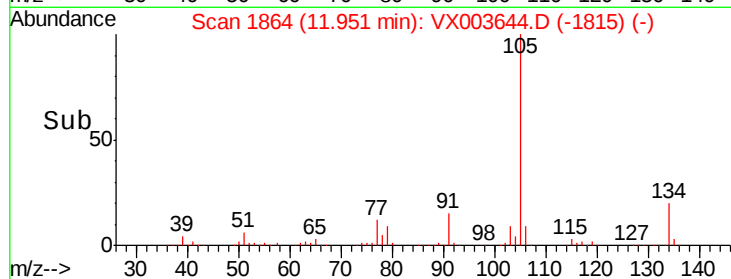
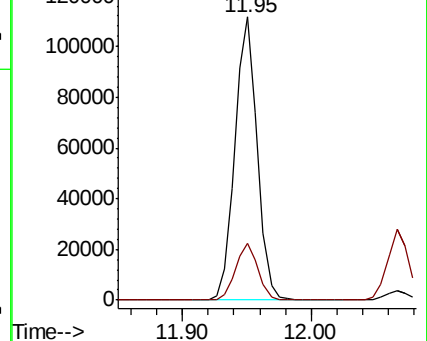
105 100

134 20.1 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.512 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003644.D

Acq: 24 Jul 2018 17:08

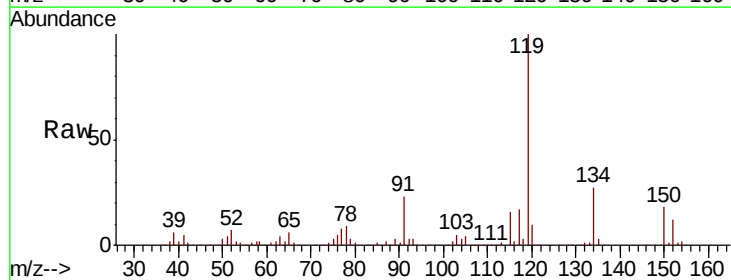
Tgt Ion:119 Resp: 119348

Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.9

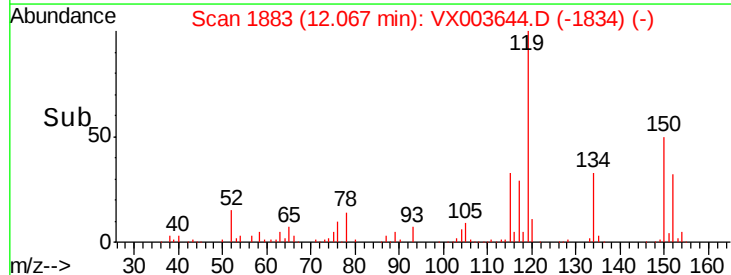
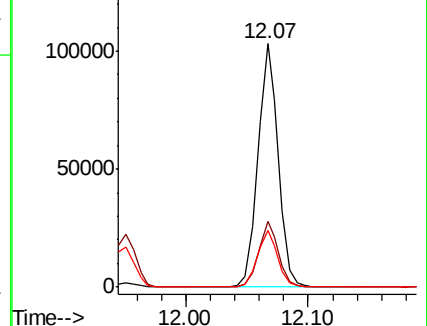
91 23.5 11.5 34.5

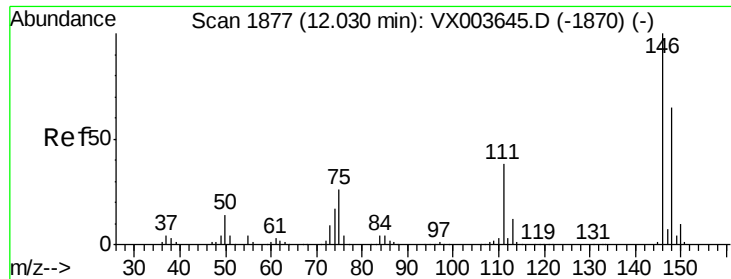


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

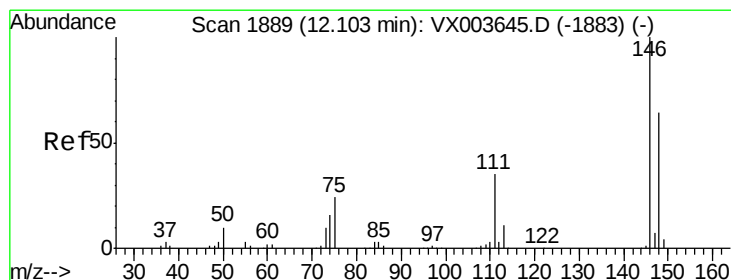
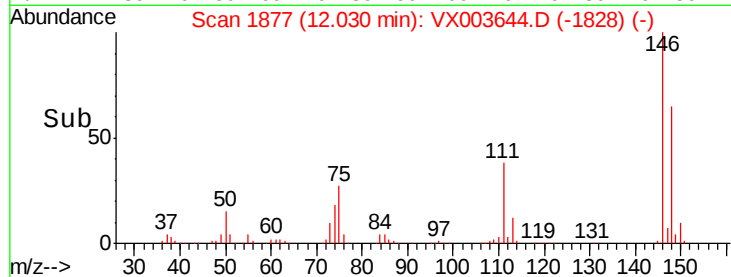
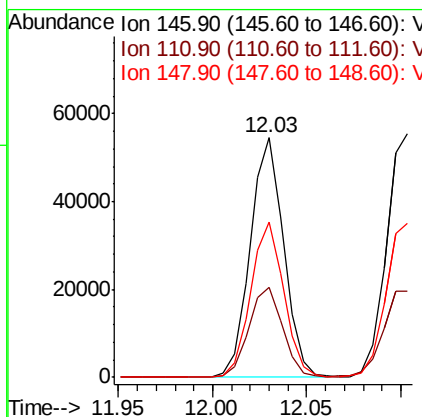
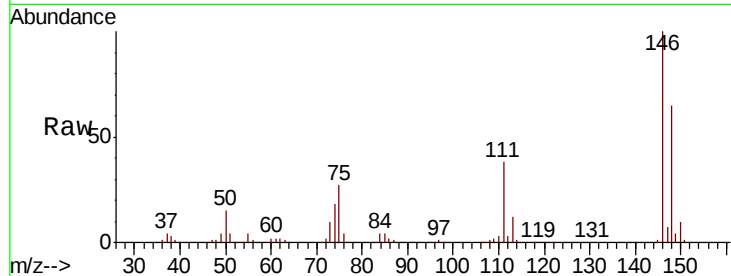




#87  
 1,3-Dichlorobenzene  
 Concen: 20.190 ug/l  
 RT: 12.03 min Scan# 1877  
 Delta R.T. 0.00 min  
 Lab File: VX003644.D  
 Acq: 24 Jul 2018 17:08

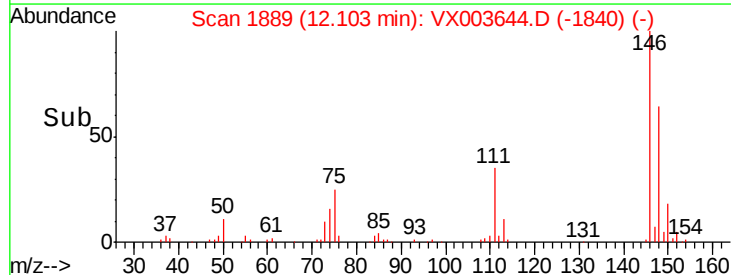
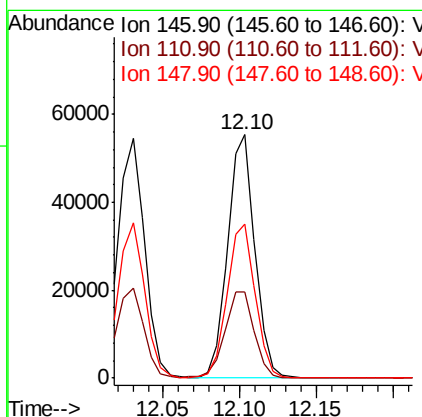
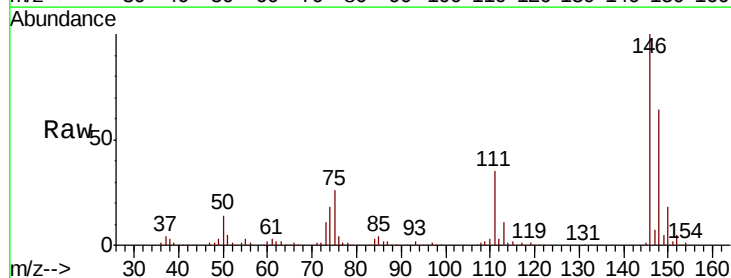
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC020

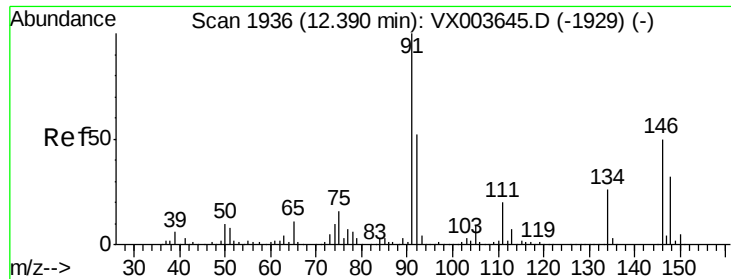
Tgt Ion:146 Resp: 67000  
 Ion Ratio Lower Upper  
 146 100  
 111 38.2 19.4 58.2  
 148 64.4 32.4 97.0



#88  
 1,4-Dichlorobenzene  
 Concen: 19.755 ug/l  
 RT: 12.10 min Scan# 1889  
 Delta R.T. 0.00 min  
 Lab File: VX003644.D  
 Acq: 24 Jul 2018 17:08

Tgt Ion:146 Resp: 68156  
 Ion Ratio Lower Upper  
 146 100  
 111 38.1 18.6 55.6  
 148 65.1 32.0 96.2





#89

n-Butylbenzene

Concen: 19.929 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003644.D

Acq: 24 Jul 2018 17:08

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC020

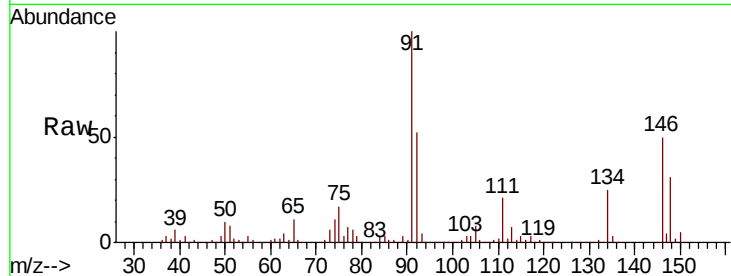
Tgt Ion: 91 Resp: 104511

Ion Ratio Lower Upper

91 100

92 51.4 26.3 78.9

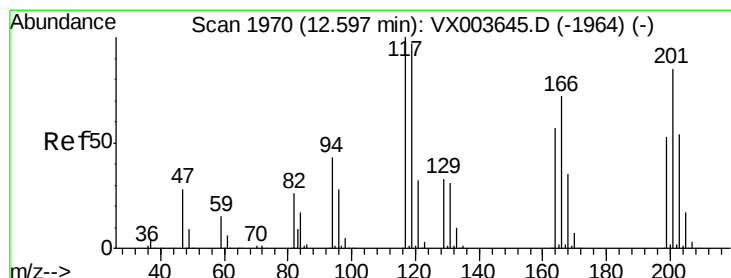
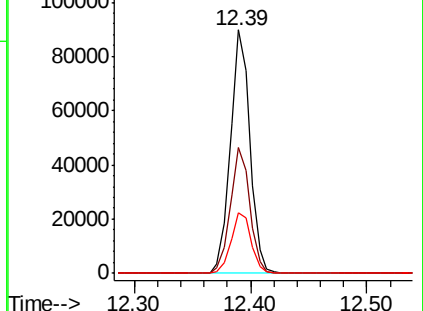
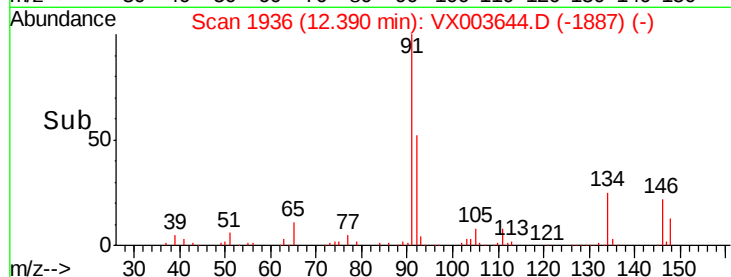
134 25.6 13.3 39.8



Abundance Ion 91.00 (90.70 to 91.70): VX003644.D (-1929) (-)

Ion 92.00 (91.70 to 92.70): VX003644.D (-1929) (-)

Ion 134.00 (133.70 to 134.70): VX003644.D (-1929) (-)



#90

Hexachloroethane

Concen: 18.904 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VX003644.D

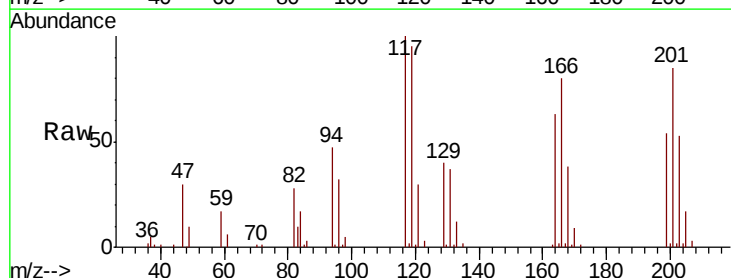
Acq: 24 Jul 2018 17:08

Tgt Ion: 117 Resp: 16657

Ion Ratio Lower Upper

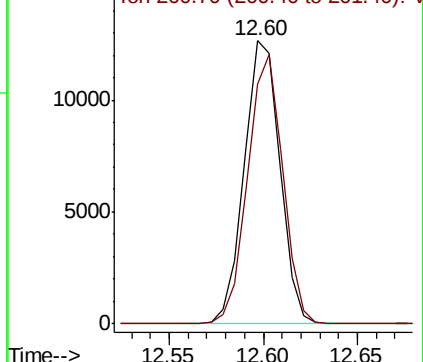
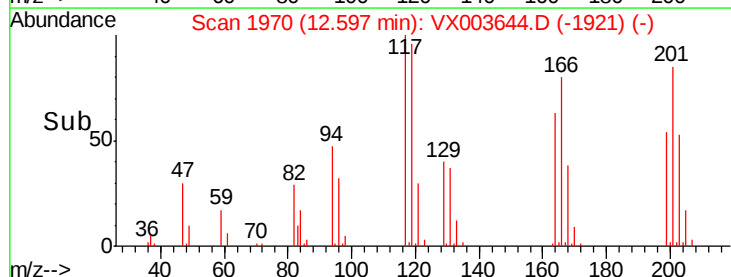
117 100

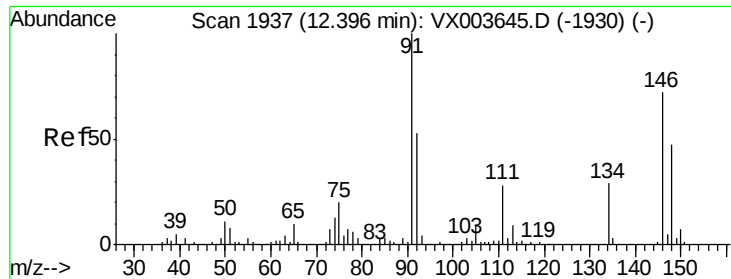
201 93.2 46.2 138.5



Abundance Ion 116.80 (116.50 to 117.50): VX003644.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX003644.D (-1964) (-)

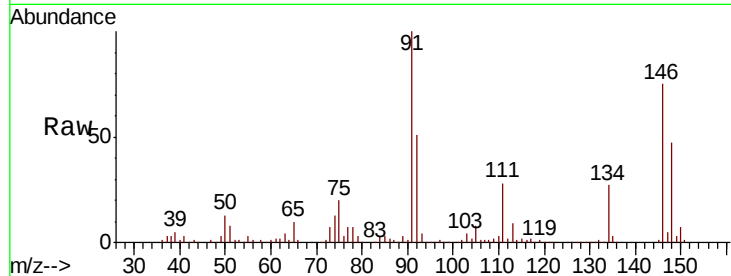




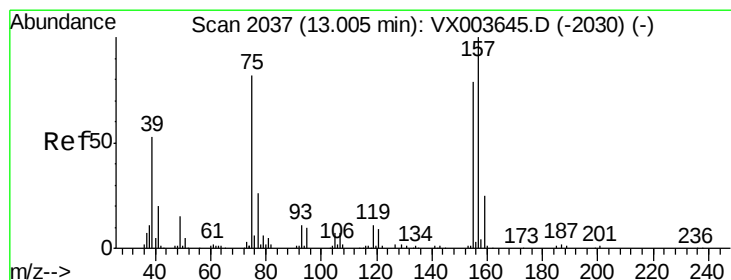
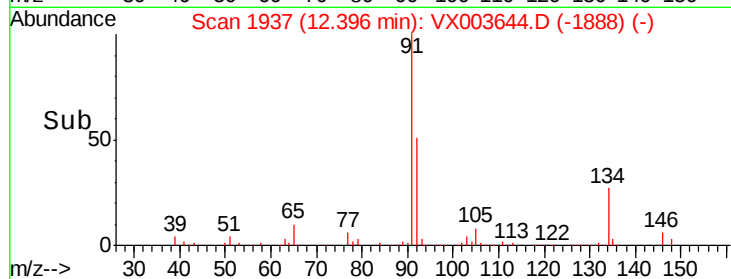
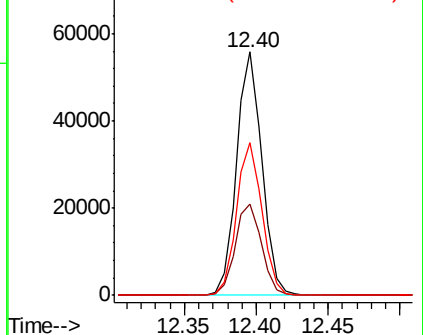
#91  
 1,2-Dichlorobenzene  
 Concen: 20.187 ug/l  
 RT: 12.40 min Scan# 1937  
 Delta R.T. -0.00 min  
 Lab File: VX003644.D  
 Acq: 24 Jul 2018 17:08

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC020

Tgt Ion:146 Resp: 68442  
 Ion Ratio Lower Upper  
 146 100  
 111 38.9 19.8 59.4  
 148 63.1 32.2 96.6

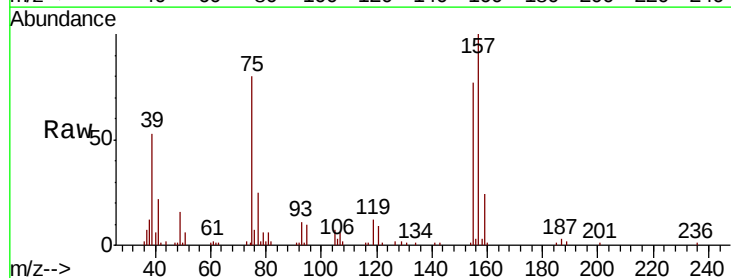


Abundance Ion 145.90 (145.60 to 146.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

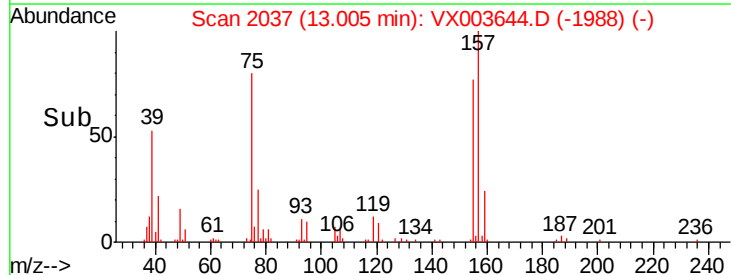
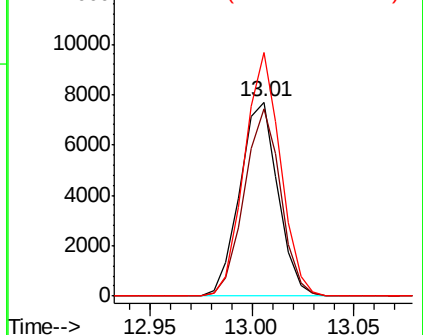


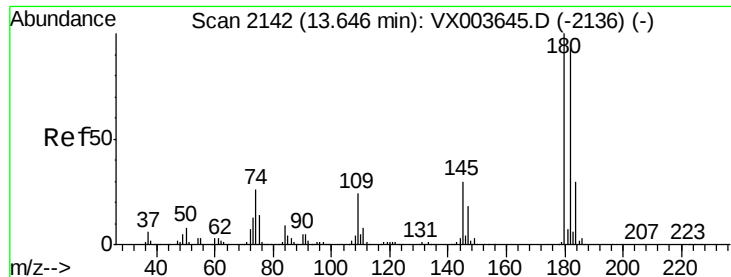
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 19.789 ug/l  
 RT: 13.01 min Scan# 2037  
 Delta R.T. 0.00 min  
 Lab File: VX003644.D  
 Acq: 24 Jul 2018 17:08

Tgt Ion: 75 Resp: 9980  
 Ion Ratio Lower Upper  
 75 100  
 155 92.6 46.1 138.3  
 157 118.8 59.7 179.0



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

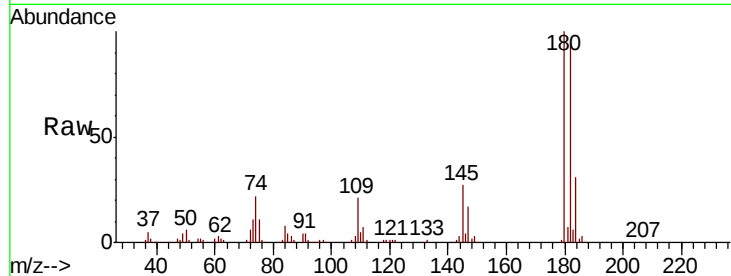




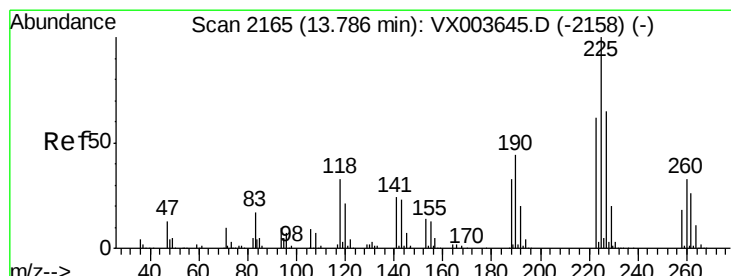
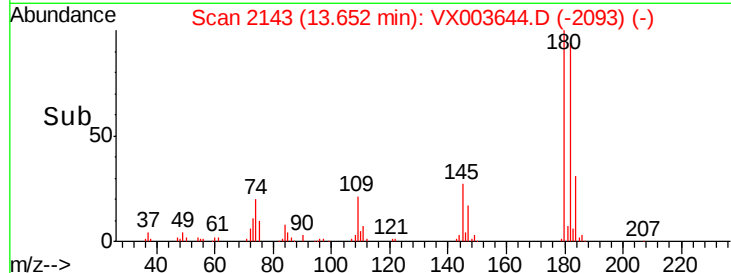
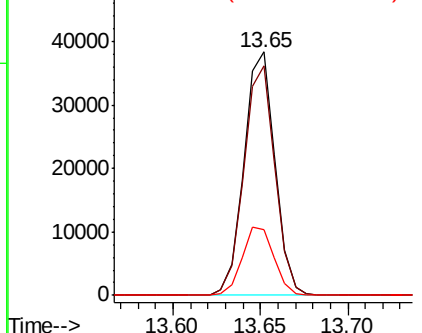
#93  
 1,2,4-Trichlorobenzene  
 Concen: 19.449 ug/l  
 RT: 13.65 min Scan# 2143  
 Delta R.T. 0.01 min  
 Lab File: VX003644.D  
 Acq: 24 Jul 2018 17:08

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC020

Tgt Ion:180 Resp: 47051  
 Ion Ratio Lower Upper  
 180 100  
 182 94.5 47.9 143.8  
 145 28.8 14.4 43.2

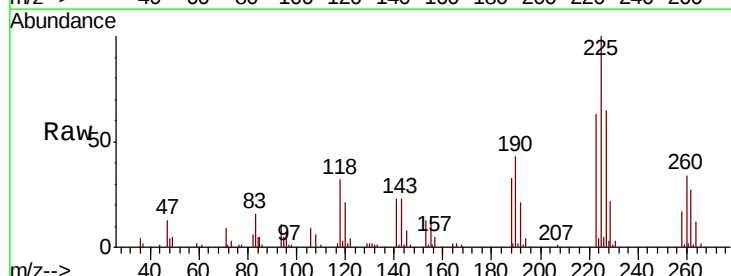


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

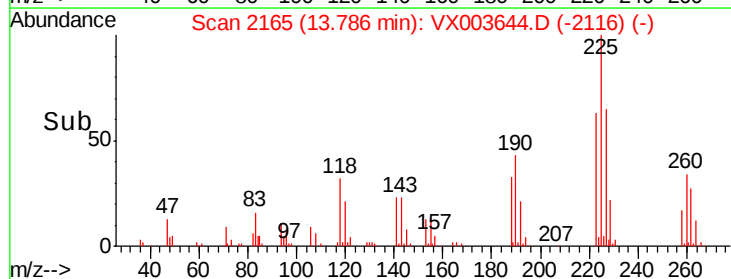
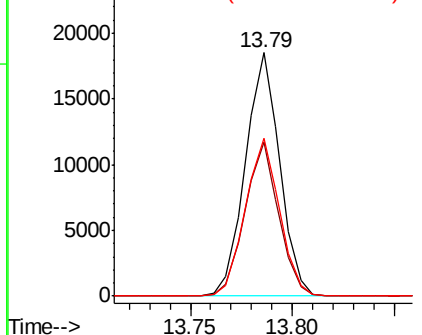


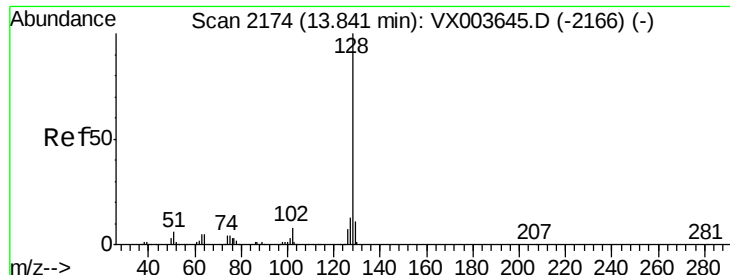
#94  
 Hexachlorobutadiene  
 Concen: 19.346 ug/l  
 RT: 13.79 min Scan# 2165  
 Delta R.T. 0.00 min  
 Lab File: VX003644.D  
 Acq: 24 Jul 2018 17:08

Tgt Ion:225 Resp: 21653  
 Ion Ratio Lower Upper  
 225 100  
 223 61.9 30.9 92.5  
 227 64.5 31.9 95.7



Abundance Ion 224.70 (224.40 to 225.40): V  
 Ion 222.70 (222.40 to 223.40): V  
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.177 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.01 min

Lab File: VX003644.D

Acq: 24 Jul 2018 17:08

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC020

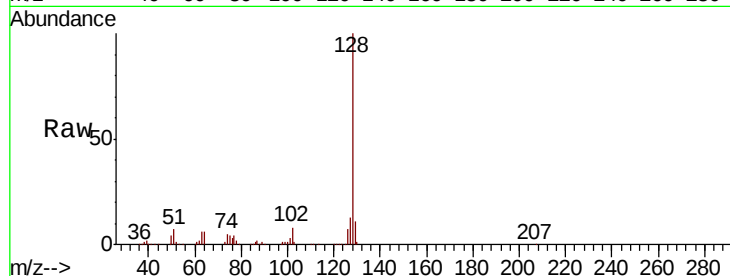
Tgt Ion:128 Resp: 147637

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 10.8 8.7 13.1



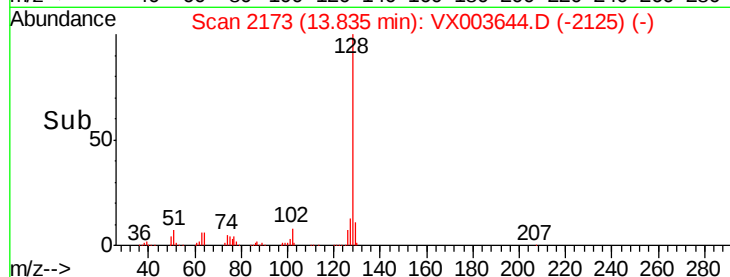
Abundance

Ion 128.00 (127.70 to 128.70): V

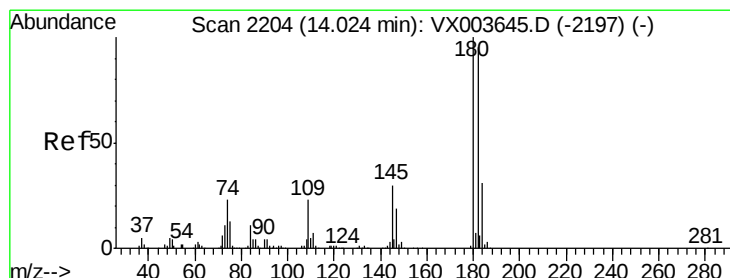
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

13.83



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 19.775 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003644.D

Acq: 24 Jul 2018 17:08

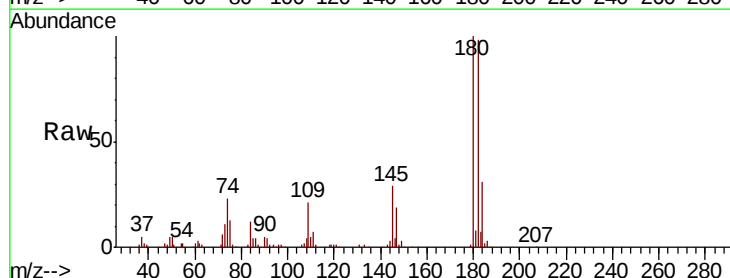
Tgt Ion:180 Resp: 48595

Ion Ratio Lower Upper

180 100

182 97.0 47.6 142.8

145 30.4 15.0 45.1



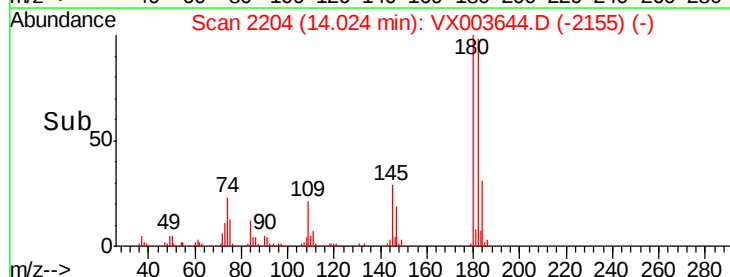
Abundance

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

14.02



Time-->