

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX072418\  
 Data File : VX003647.D  
 Acq On : 24 Jul 2018 18:28  
 Operator : JC/SP  
 Sample : VSTDICC150  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC150

Quant Time: Jul 27 01:43:10 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  | 114724   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 171204   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 167632   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 110049   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |        |         |      |
|---------------------------|--------|-----|----------|--------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.07   | 65  | 245719   | 144.59 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 289.18% |      |
| 35) Dibromofluoromethane  | 5.50   | 113 | 206431   | 147.50 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 295.00% |      |
| 50) Toluene-d8            | 8.72   | 98  | 780176   | 146.07 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 292.14% |      |
| 62) 4-Bromofluorobenzene  | 11.14  | 95  | 306933   | 157.55 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 315.10% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.19 | 85  | 187103  | 143.199 | ug/l | 94     |
| 3) Chloromethane              | 1.32 | 50  | 244608  | 142.117 | ug/l | 96     |
| 4) Vinyl Chloride             | 1.40 | 62  | 250699  | 142.412 | ug/l | 97     |
| 5) Bromomethane               | 1.63 | 94  | 127385  | 149.857 | ug/l | 94     |
| 6) Chloroethane               | 1.70 | 64  | 110666  | 102.965 | ug/l | 98     |
| 7) Trichlorofluoromethane     | 1.91 | 101 | 316303  | 139.586 | ug/l | 98     |
| 8) Diethyl Ether              | 2.19 | 74  | 143016  | 144.036 | ug/l | 95     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 196440  | 140.859 | ug/l | 99     |
| 10) Methyl Iodide             | 2.50 | 142 | 292272  | 169.085 | ug/l | 99     |
| 11) Tert butyl alcohol        | 3.10 | 59  | 310724  | 764.914 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 2.36 | 96  | 192709  | 145.227 | ug/l | 99     |
| 13) Acrolein                  | 2.29 | 56  | 155519  | 821.993 | ug/l | 97     |
| 14) Allyl chloride            | 2.72 | 41  | 390607  | 141.212 | ug/l | 98     |
| 15) Acrylonitrile             | 3.16 | 53  | 703661  | 716.928 | ug/l | 97     |
| 16) Acetone                   | 2.46 | 43  | 565405  | 708.199 | ug/l | 99     |
| 17) Carbon Disulfide          | 2.56 | 76  | 574471  | 150.506 | ug/l | 100    |
| 18) Methyl Acetate            | 2.78 | 43  | 337773  | 140.080 | ug/l | 100    |
| 19) Methyl tert-butyl Ether   | 3.21 | 73  | 677515  | 144.567 | ug/l | 97     |
| 20) Methylene Chloride        | 2.85 | 84  | 223587  | 141.337 | ug/l | 92     |
| 21) trans-1,2-Dichloroethene  | 3.16 | 96  | 207946  | 145.734 | ug/l | 99     |
| 22) Diisopropyl ether         | 3.88 | 45  | 729768  | 144.492 | ug/l | 89     |
| 23) Vinyl Acetate             | 3.83 | 43  | 3205133 | 740.822 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 3.69 | 63  | 398261  | 139.908 | ug/l | 99     |
| 25) 2-Butanone                | 4.72 | 43  | 898066  | 728.148 | ug/l | 94     |
| 26) 2,2-Dichloropropane       | 4.58 | 77  | 255622  | 142.029 | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 225855  | 145.785 | ug/l | 93     |
| 28) Bromochloromethane        | 5.02 | 49  | 153550  | 134.422 | ug/l | 97     |
| 29) Tetrahydrofuran           | 5.18 | 42  | 595929  | 742.248 | ug/l | 98     |
| 30) Chloroform                | 5.22 | 83  | 377327  | 146.141 | ug/l | 97     |
| 31) Cyclohexane               | 5.57 | 56  | 347548  | 152.105 | ug/l | 98     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 322275  | 150.298 | ug/l | 98     |
| 36) 1,1-Dichloropropene       | 5.79 | 75  | 294292  | 147.062 | ug/l | 99     |
| 37) Ethyl Acetate             | 4.87 | 43  | 341032  | 141.725 | ug/l | 100    |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 286236  | 148.400 | ug/l | 95     |

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 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC150

Quant Time: Jul 27 01:43:10 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   | 339420   | 154.087  | ug/l   | 99       |
| 40) Benzene                    | 6.15  | 78   | 880034   | 148.602  | ug/l   | 100      |
| 41) Methacrylonitrile          | 5.08  | 41   | 195020   | 146.358  | ug/l   | 98       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 295578   | 141.806  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 6.48  | 43   | 545945   | 155.523  | ug/l   | 99       |
| 44) Trichloroethene            | 7.21  | 130  | 226819   | 142.853  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 226778   | 148.143  | ug/l   | 100      |
| 46) Dibromomethane             | 7.66  | 93   | 145772   | 148.235  | ug/l   | 99       |
| 47) Bromodichloromethane       | 7.90  | 83   | 284850   | 154.492  | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.79  | 41   | 280877   | 157.676  | ug/l   | 100      |
| 49) 1,4-Dioxane                | 7.77  | 88   | 127023   | 3196.167 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 8.66  | 43   | 1864491  | 787.184  | ug/l   | 99       |
| 52) Toluene                    | 8.79  | 92   | 545551   | 148.204  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 9.05  | 75   | 336852   | 152.208  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 8.45  | 75   | 399687   | 192.718  | ug/l # | 90       |
| 55) 1,1,2-Trichloroethane      | 9.22  | 97   | 224567   | 149.245  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 9.19  | 69   | 381877   | 170.543  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 9.38  | 76   | 387166   | 153.238  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether  | 8.32  | 63   | 929427   | 825.998  | ug/l   | 98       |
| 59) 2-Hexanone                 | 9.51  | 43   | 1476450  | 812.625  | ug/l   | 98       |
| 60) Dibromochloromethane       | 9.59  | 129  | 237095   | 166.126  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 9.68  | 107  | 242094   | 154.515  | ug/l   | 96       |
| 64) Tetrachloroethene          | 9.34  | 164  | 224852   | 146.715  | ug/l   | 87       |
| 65) Chlorobenzene              | 10.14 | 112  | 620918   | 147.182  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.23 | 131  | 226201   | 154.229  | ug/l   | 100      |
| 67) Ethyl Benzene              | 10.26 | 91   | 1083239  | 153.395  | ug/l   | 100      |
| 68) m/p-Xylenes                | 10.37 | 106  | 842175   | 310.869  | ug/l   | 99       |
| 69) o-Xylene                   | 10.70 | 106  | 409745   | 157.109  | ug/l   | 100      |
| 70) Styrene                    | 10.71 | 104  | 709569   | 161.965  | ug/l   | 100      |
| 71) Bromoform                  | 10.86 | 173  | 203869   | 175.786  | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 1086649  | 144.523  | ug/l   | 100      |
| 74) N-amyl acetate             | 6.48  | 43   | 545945   | 139.219  | ug/l # | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 394628   | 142.126  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 468752   | 203.077  | ug/l   | 83       |
| 77) Bromobenzene               | 11.26 | 156  | 292439   | 143.201  | ug/l   | 99       |
| 78) n-propylbenzene            | 11.37 | 91   | 1275228  | 146.881  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.43 | 91   | 753656   | 142.821  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 953284   | 149.857  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.08 | 75   | 129001   | 173.153  | ug/l   | 95       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 910141   | 146.420  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.77 | 119  | 939185   | 150.882  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 980471   | 149.968  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.95 | 105  | 1108787  | 149.242  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 1004921  | 150.701  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 12.03 | 146  | 553937   | 145.649  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 566885   | 143.365  | ug/l   | 100      |
| 89) n-Butylbenzene             | 12.39 | 91   | 929945   | 154.726  | ug/l   | 100      |
| 90) Hexachloroethane           | 12.60 | 117  | 161416   | 159.837  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 12.40 | 146  | 572684   | 147.381  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 13.01 | 75   | 90844    | 157.172  | ug/l   | 99       |

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Operator : JC/SP  
Sample : VSTDICC150  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 7 Sample Multiplier: 1

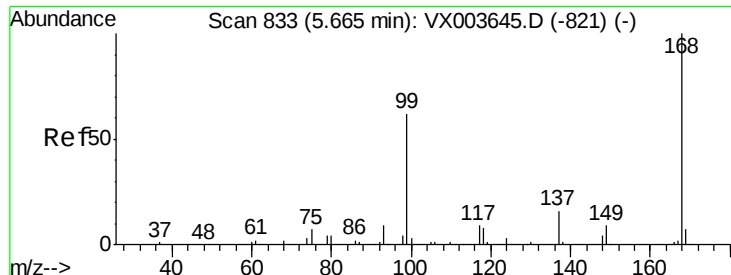
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC150

Quant Time: Jul 27 01:43:10 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  | 429123   | 154.769 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 13.79 | 225  | 188210   | 146.720 | ug/l  | 99       |
| 95) Naphthalene            | 13.84 | 128  | 1332653  | 158.912 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 429835   | 152.619 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003647.D

Acq: 24 Jul 2018 18:28

Instrument :

MSVOA\_X

ClientSampleId :

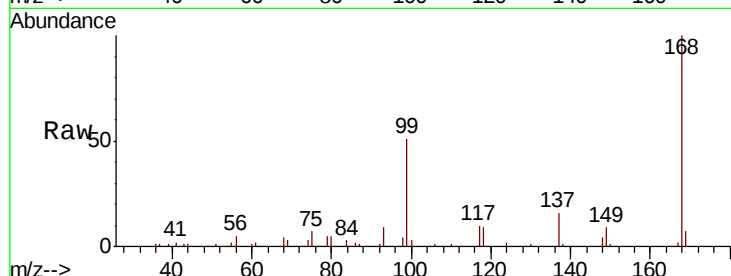
VSTDIC150

Tgt Ion:168 Resp: 114724

Ion Ratio Lower Upper

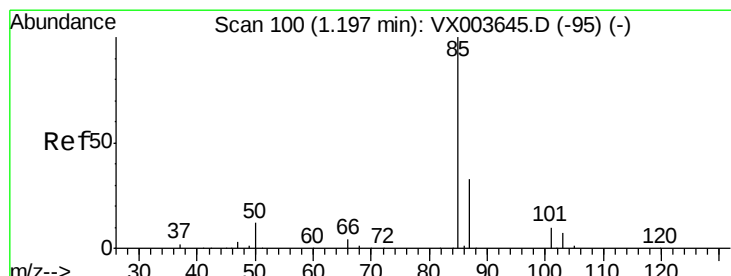
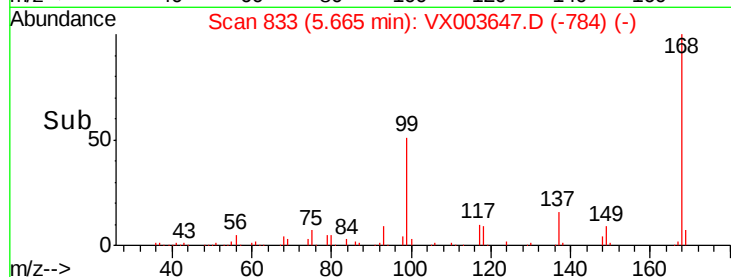
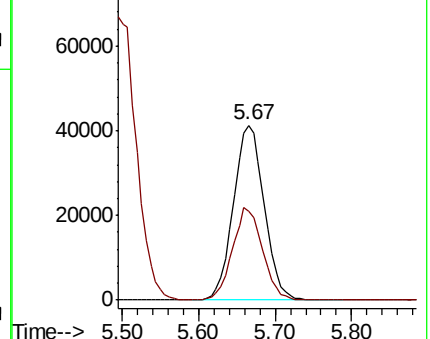
168 100

99 50.6 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: 143.199 ug/l

RT: 1.19 min Scan# 99

Delta R.T. -0.01 min

Lab File: VX003647.D

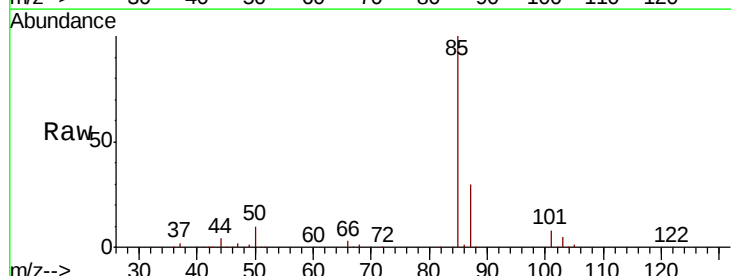
Acq: 24 Jul 2018 18:28

Tgt Ion: 85 Resp: 187103

Ion Ratio Lower Upper

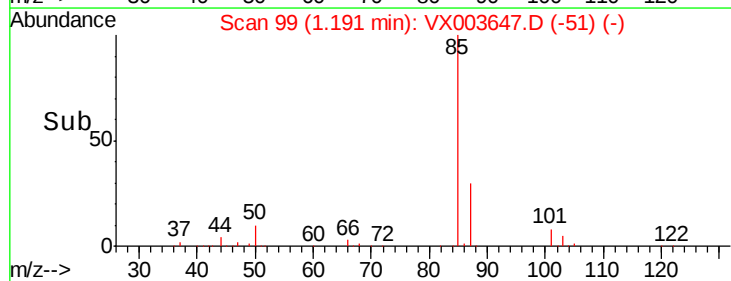
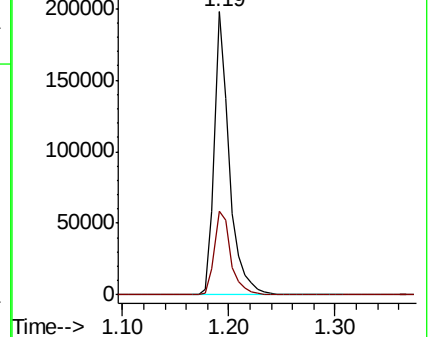
85 100

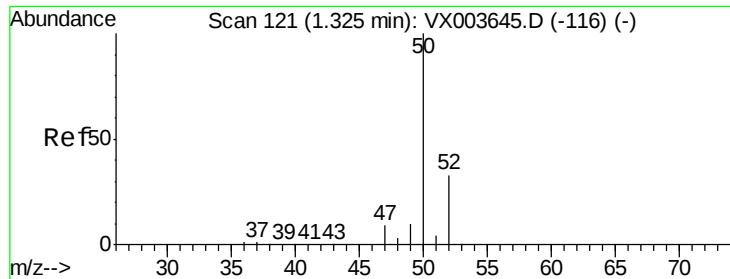
87 29.6 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 142.117 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX003647.D

Acq: 24 Jul 2018 18:28

Instrument :

MSVOA\_X

ClientSampleId :

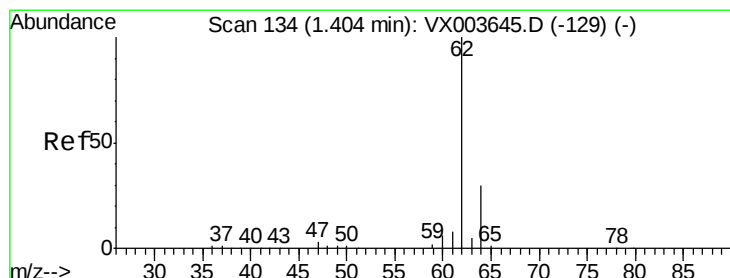
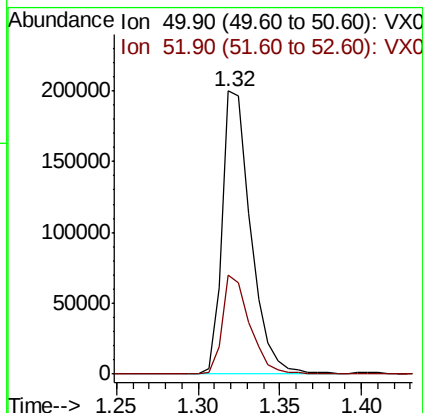
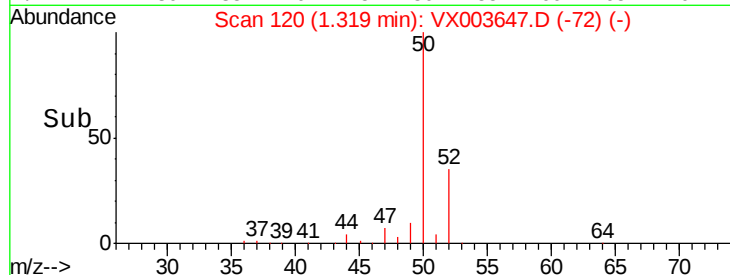
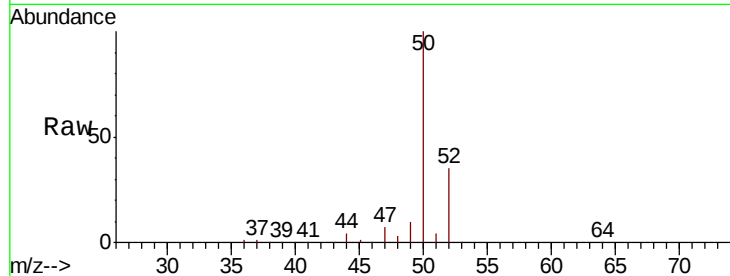
VSTDIC150

Tgt Ion: 50 Resp: 244608

Ion Ratio Lower Upper

50 100

52 35.0 26.3 39.5



#4

Vinyl Chloride

Concen: 142.412 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003647.D

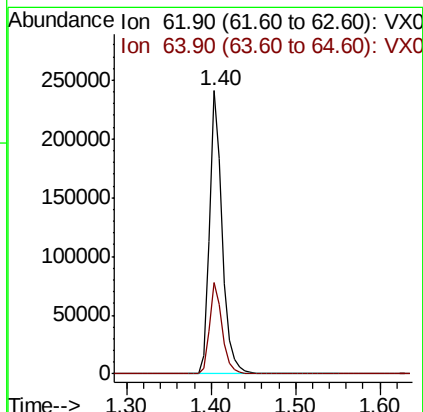
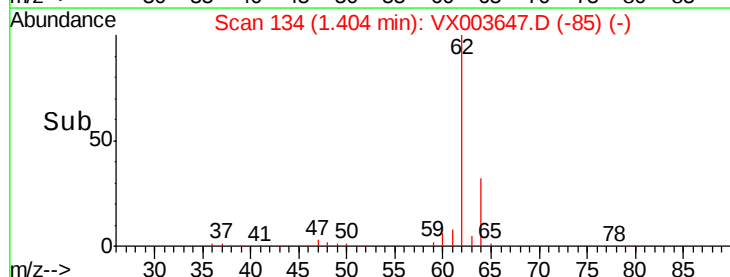
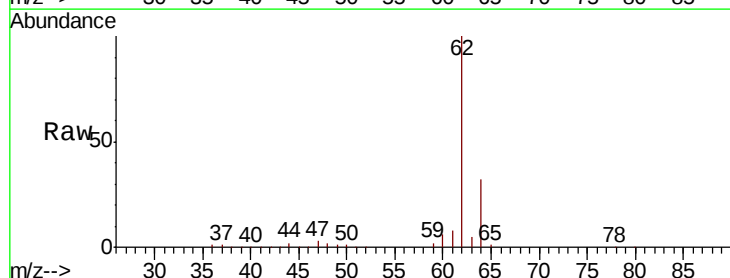
Acq: 24 Jul 2018 18:28

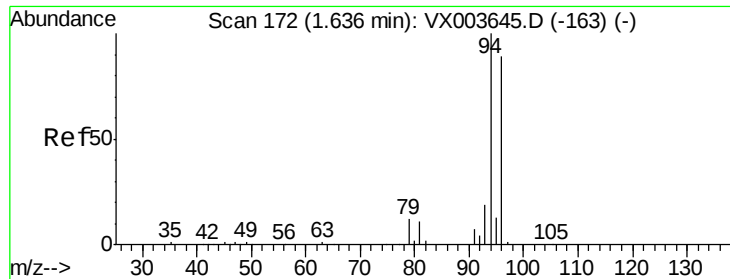
Tgt Ion: 62 Resp: 250699

Ion Ratio Lower Upper

62 100

64 32.1 24.4 36.6





#5

Bromomethane

Concen: 149.857 ug/l

RT: 1.63 min Scan# 171

Delta R.T. -0.01 min

Lab File: VX003647.D

Acq: 24 Jul 2018 18:28

Instrument :

MSVOA\_X

ClientSampleId :

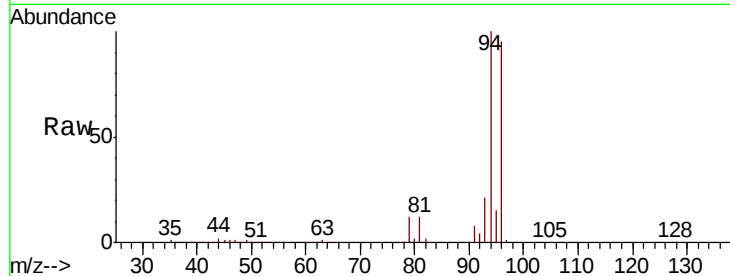
VSTDIC150

Tgt Ion: 94 Resp: 127385

Ion Ratio Lower Upper

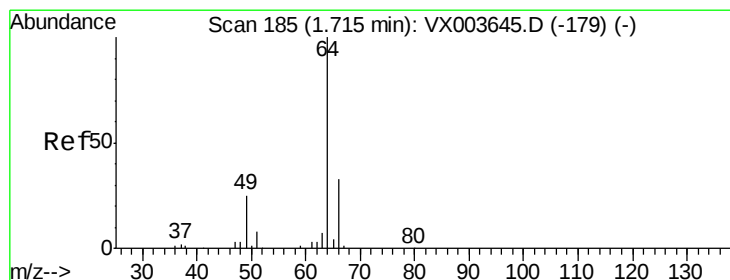
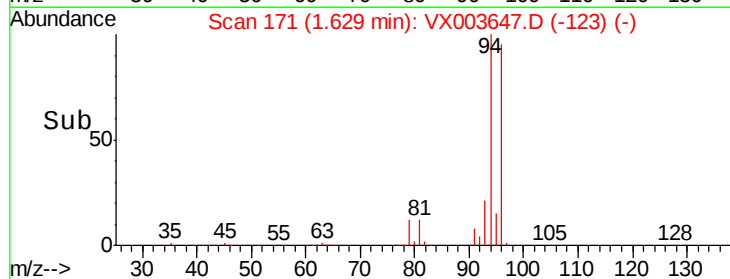
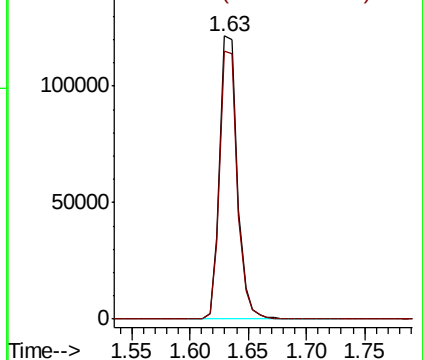
94 100

96 94.8 71.3 106.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 102.965 ug/l

RT: 1.70 min Scan# 183

Delta R.T. -0.01 min

Lab File: VX003647.D

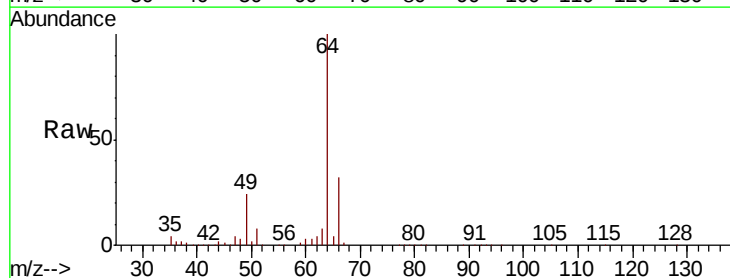
Acq: 24 Jul 2018 18:28

Tgt Ion: 64 Resp: 110666

Ion Ratio Lower Upper

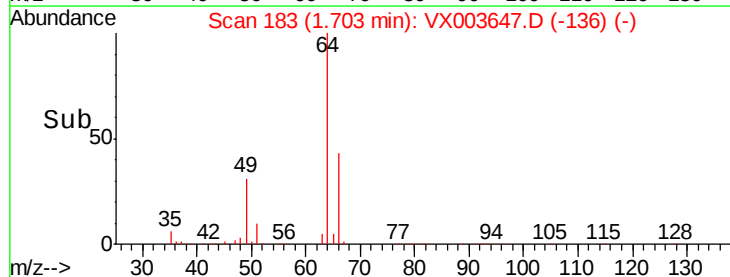
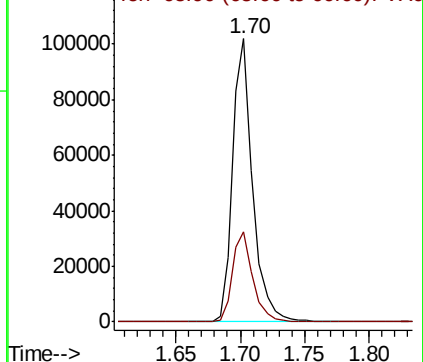
64 100

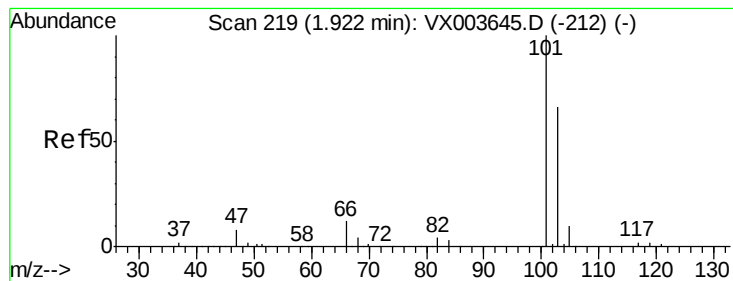
66 32.0 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



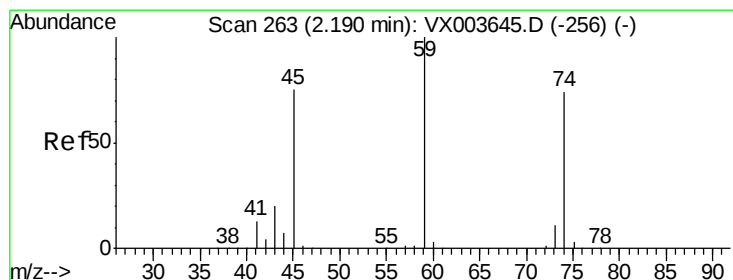
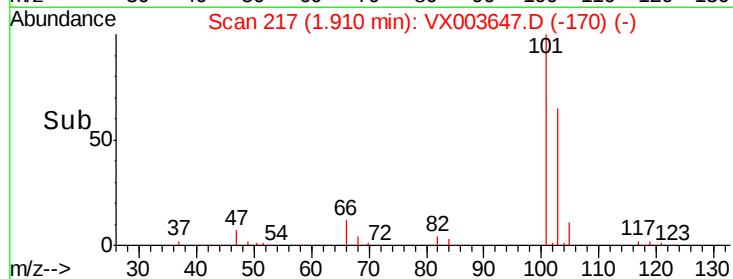
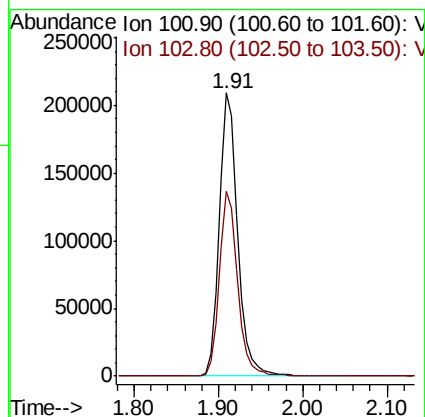
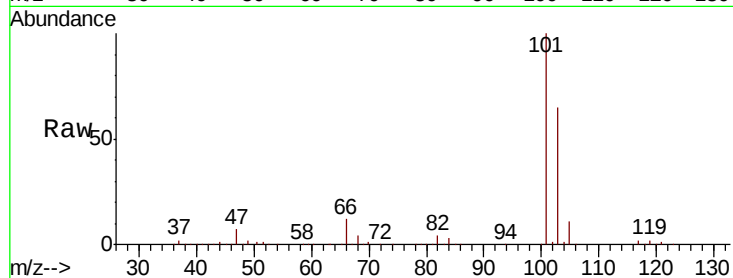


#7

Trichlorofluoromethane  
Concen: 139.586 ug/l  
RT: 1.91 min Scan# 217  
Delta R.T. -0.01 min  
Lab File: VX003647.D  
Acq: 24 Jul 2018 18:28

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

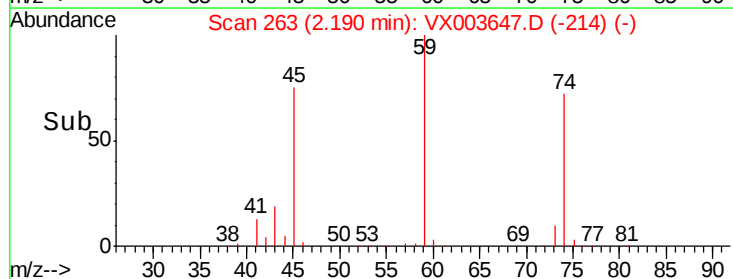
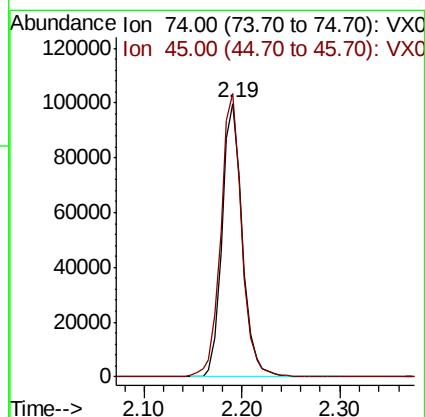
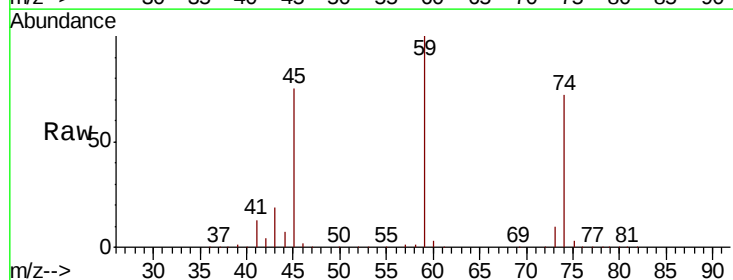
Tgt Ion: 101 Resp: 316303  
Ion Ratio Lower Upper  
101 100  
103 65.1 53.2 79.8

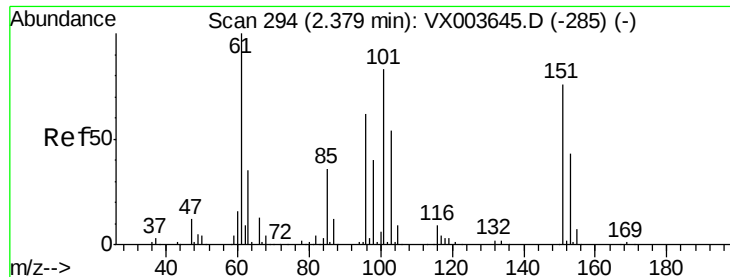


#8

Diethyl Ether  
Concen: 144.036 ug/l  
RT: 2.19 min Scan# 263  
Delta R.T. 0.00 min  
Lab File: VX003647.D  
Acq: 24 Jul 2018 18:28

Tgt Ion: 74 Resp: 143016  
Ion Ratio Lower Upper  
74 100  
45 107.5 51.0 153.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 140.859 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.01 min

Lab File: VX003647.D

Acq: 24 Jul 2018 18:28

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

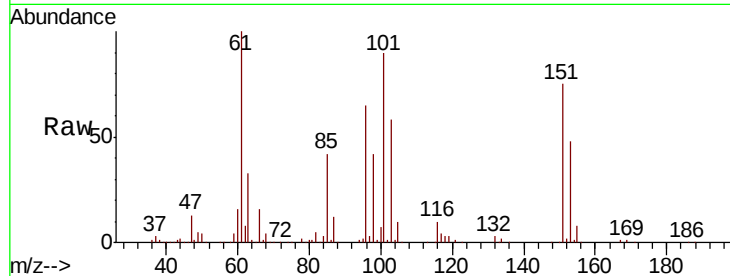
Tgt Ion:101 Resp: 196440

Ion Ratio Lower Upper

101 100

85 44.2 34.6 52.0

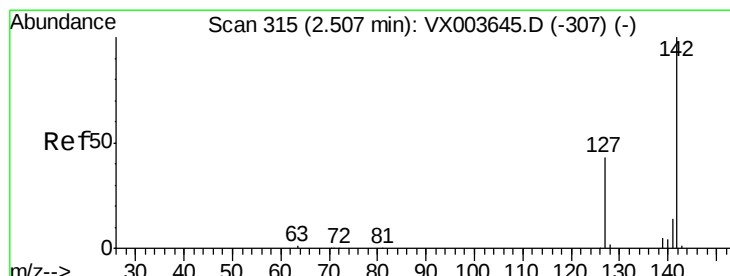
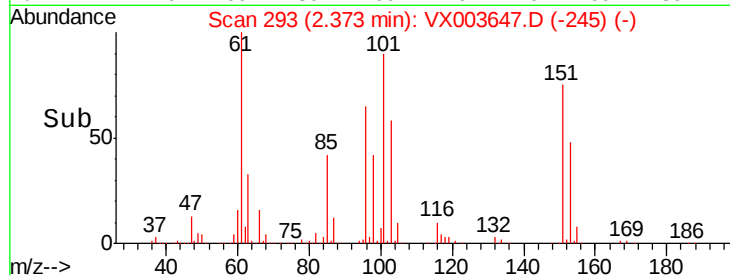
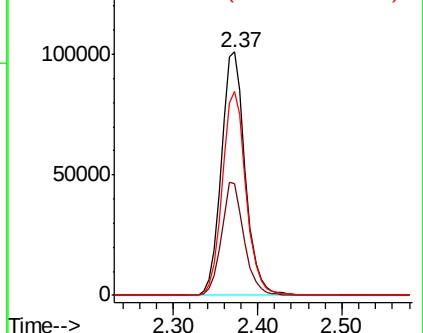
151 83.2 67.5 101.3



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: 169.085 ug/l

RT: 2.50 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX003647.D

Acq: 24 Jul 2018 18:28

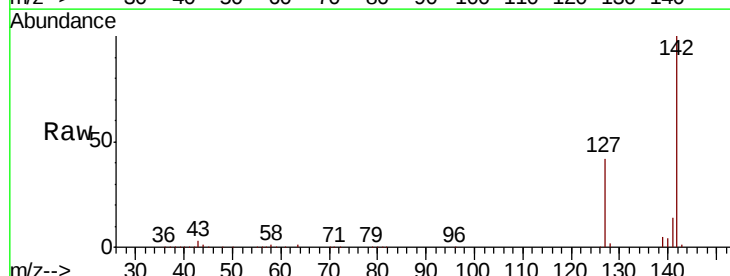
Tgt Ion:142 Resp: 292272

Ion Ratio Lower Upper

142 100

127 42.0 34.0 51.0

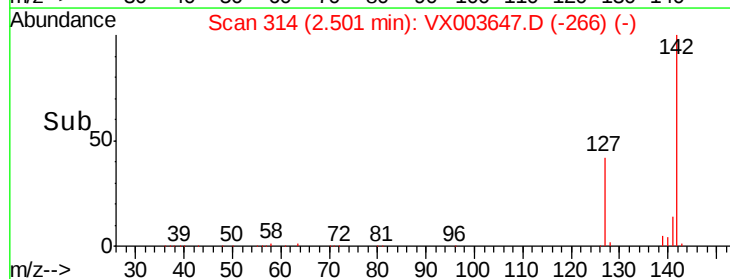
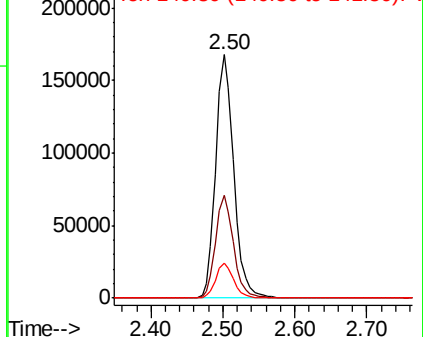
141 14.3 11.3 16.9

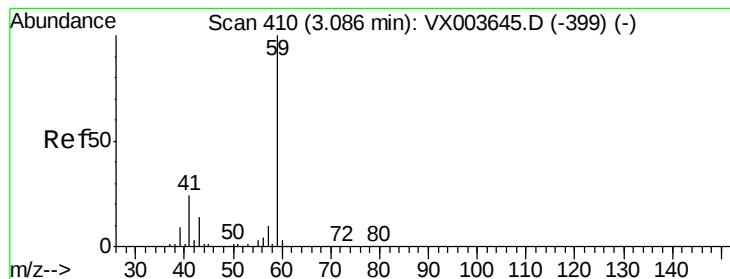


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



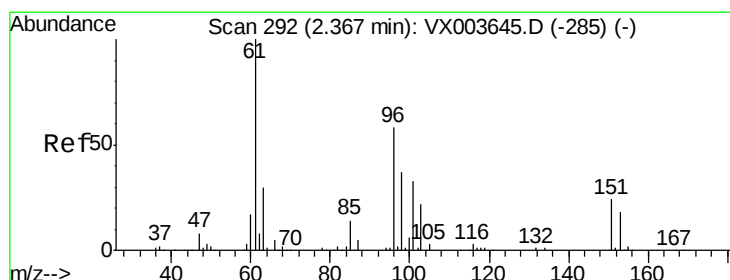
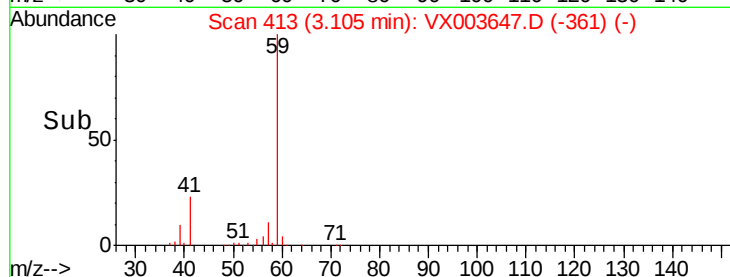
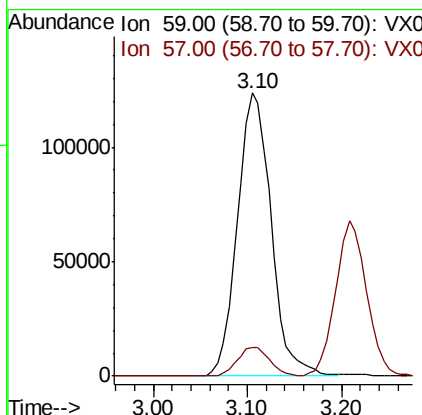
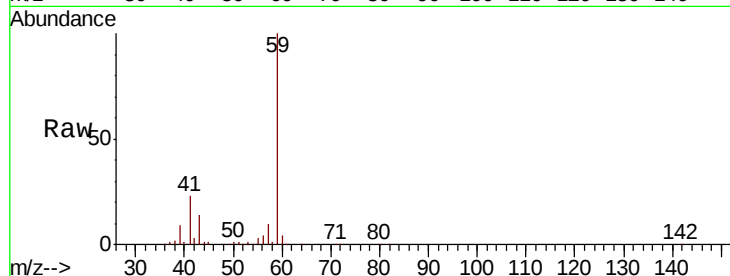


#11

Tert butyl alcohol  
 Concen: 764.914 ug/l  
 RT: 3.10 min Scan# 413  
 Delta R.T. 0.02 min  
 Lab File: VX003647.D  
 Acq: 24 Jul 2018 18:28

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

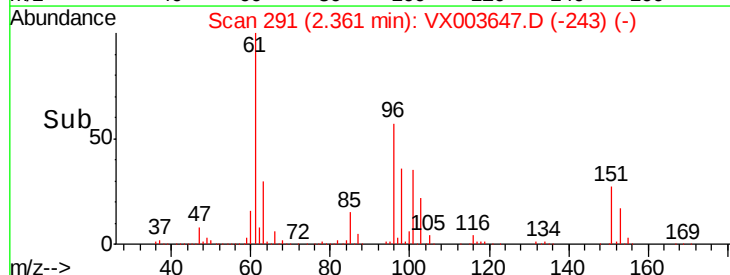
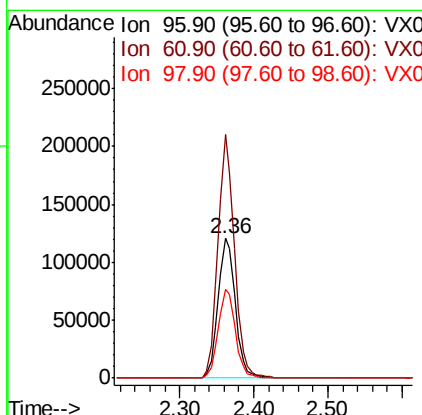
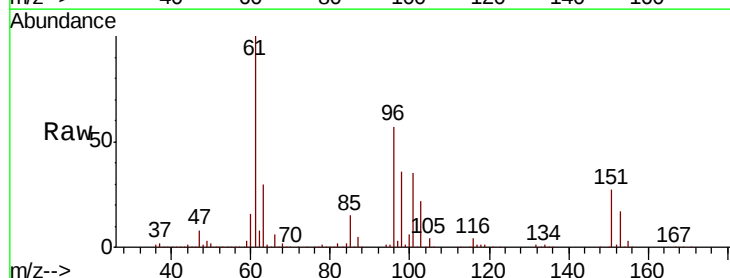
Tgt Ion: 59 Resp: 310724  
 Ion Ratio Lower Upper  
 59 100  
 57 9.8 8.2 12.4

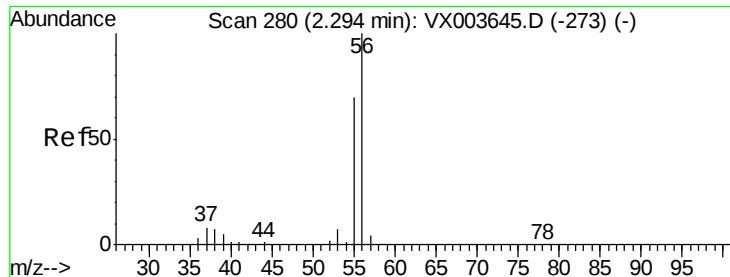


#12

1,1-Dichloroethene  
 Concen: 145.227 ug/l  
 RT: 2.36 min Scan# 291  
 Delta R.T. -0.01 min  
 Lab File: VX003647.D  
 Acq: 24 Jul 2018 18:28

Tgt Ion: 96 Resp: 192709  
 Ion Ratio Lower Upper  
 96 100  
 61 174.2 138.8 208.2  
 98 63.6 51.4 77.2





#13

Acrolein

Concen: 821.993 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003647.D

Acq: 24 Jul 2018 18:28

Instrument :

MSVOA\_X

ClientSampled :

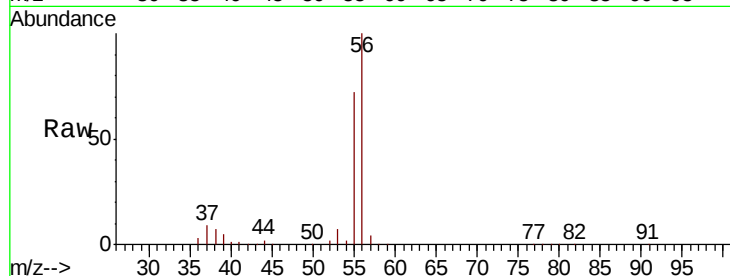
VSTDIC150

Tgt Ion: 56 Resp: 155519

Ion Ratio Lower Upper

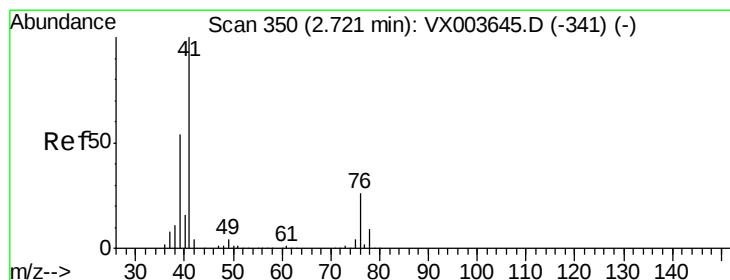
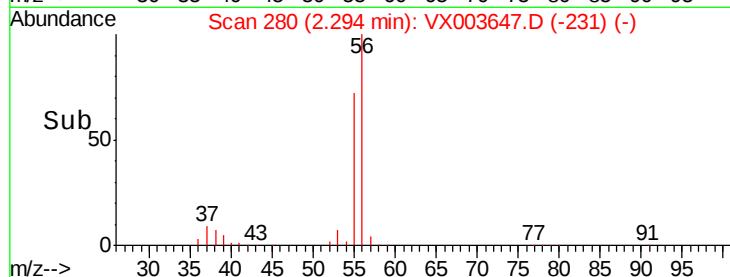
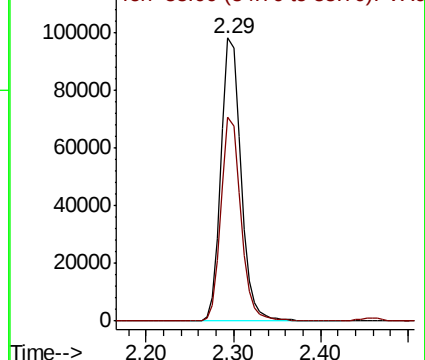
56 100

55 71.6 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 141.212 ug/l

RT: 2.72 min Scan# 350

Delta R.T. 0.00 min

Lab File: VX003647.D

Acq: 24 Jul 2018 18:28

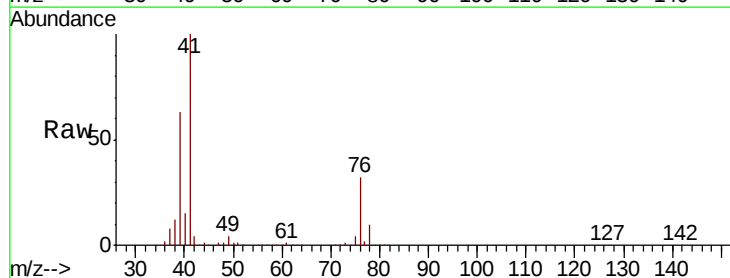
Tgt Ion: 41 Resp: 390607

Ion Ratio Lower Upper

41 100

39 58.1 45.3 67.9

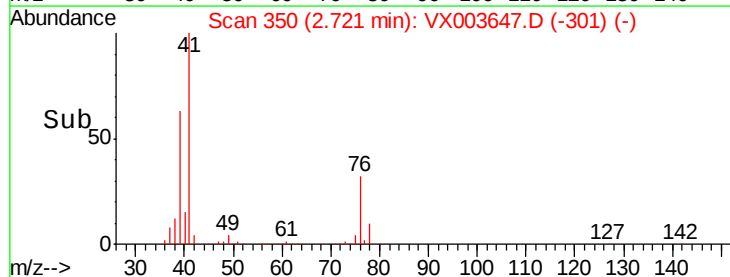
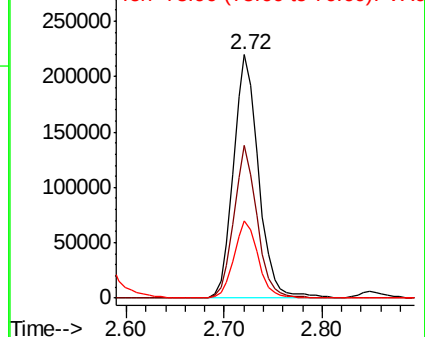
76 30.5 23.8 35.6

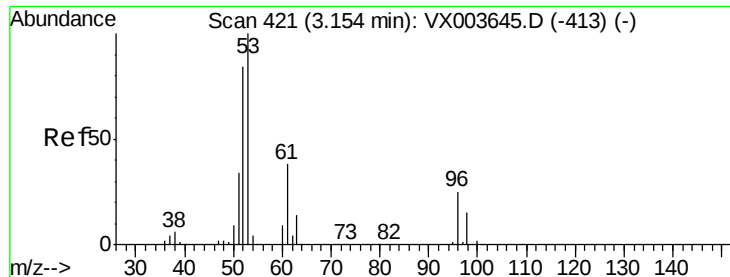


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 716.928 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX003647.D

Acq: 24 Jul 2018 18:28

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

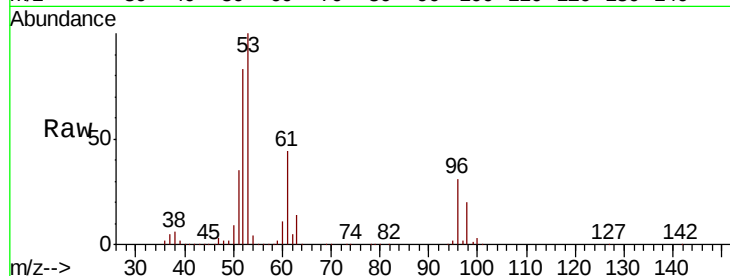
Tgt Ion: 53 Resp: 703661

Ion Ratio Lower Upper

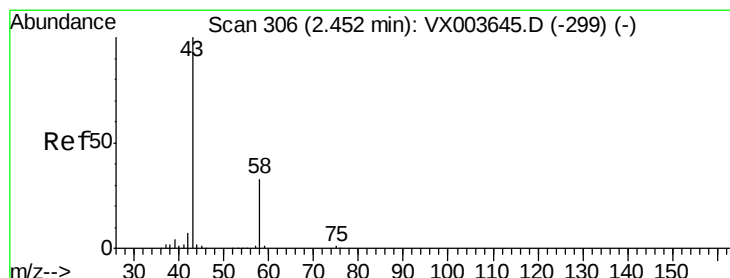
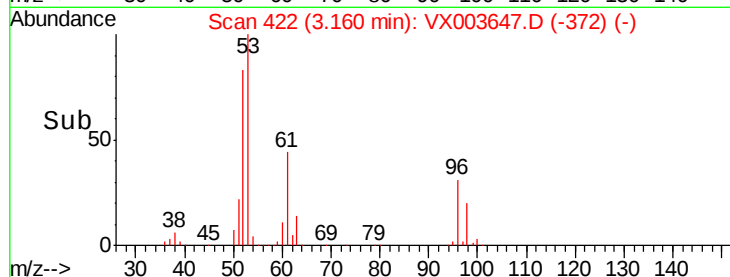
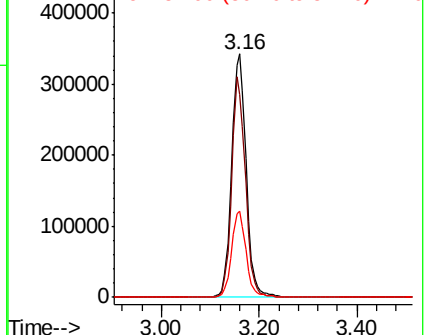
53 100

52 85.5 66.1 99.1

51 35.9 28.2 42.4



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



#16

Acetone

Concen: 708.199 ug/l

RT: 2.46 min Scan# 307

Delta R.T. 0.01 min

Lab File: VX003647.D

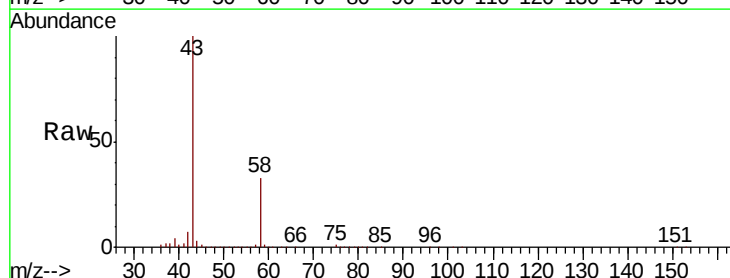
Acq: 24 Jul 2018 18:28

Tgt Ion: 43 Resp: 565405

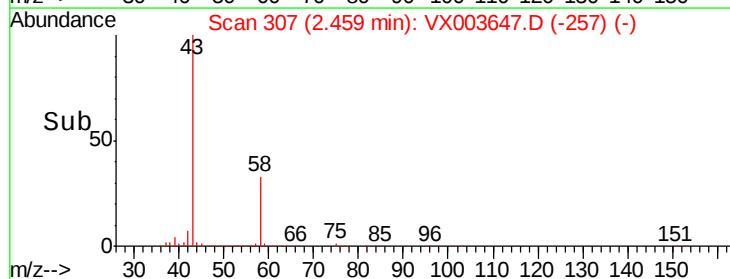
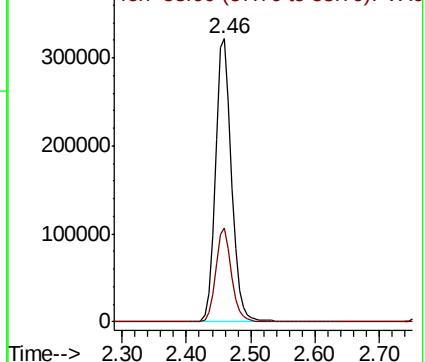
Ion Ratio Lower Upper

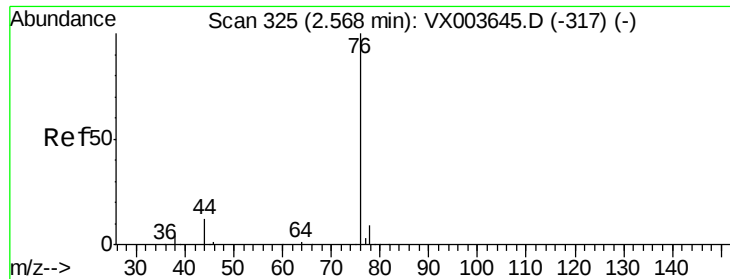
43 100

58 33.1 26.1 39.1



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

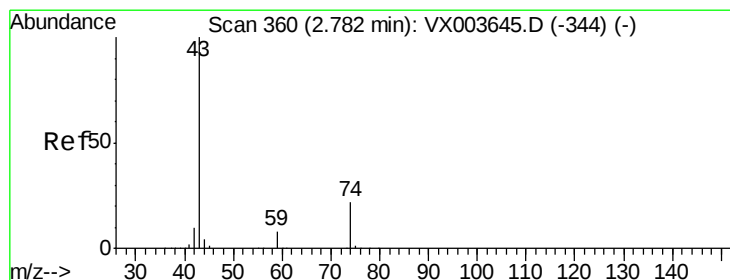
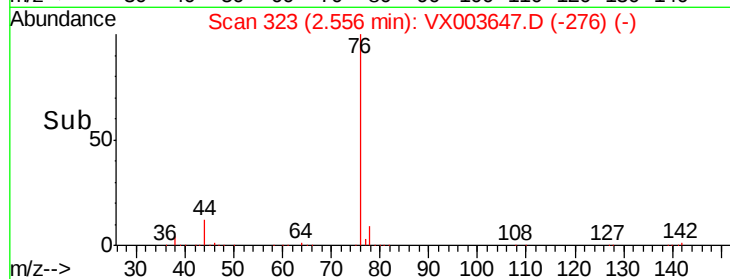
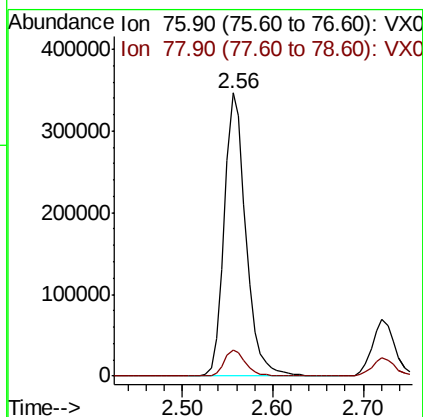
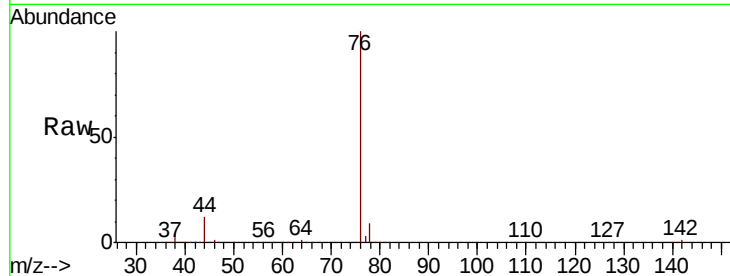




#17  
Carbon Disulfide  
Concen: 150.506 ug/l  
RT: 2.56 min Scan# 323  
Delta R.T. -0.01 min  
Lab File: VX003647.D  
Acq: 24 Jul 2018 18:28

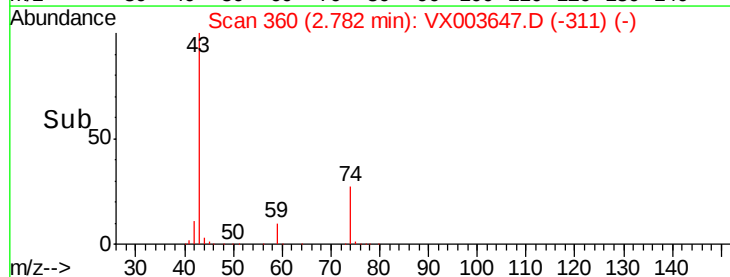
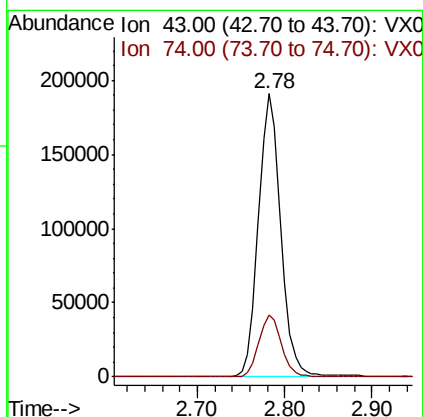
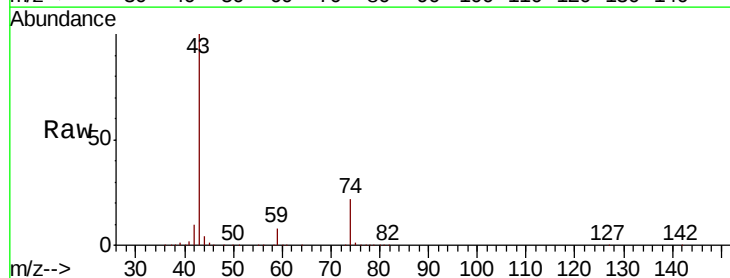
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

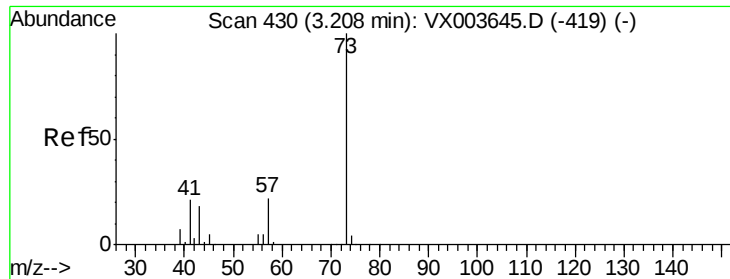
Tgt Ion: 76 Resp: 574471  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.4 11.0



#18  
Methyl Acetate  
Concen: 140.080 ug/l  
RT: 2.78 min Scan# 360  
Delta R.T. 0.00 min  
Lab File: VX003647.D  
Acq: 24 Jul 2018 18:28

Tgt Ion: 43 Resp: 337773  
Ion Ratio Lower Upper  
43 100  
74 22.3 17.8 26.8

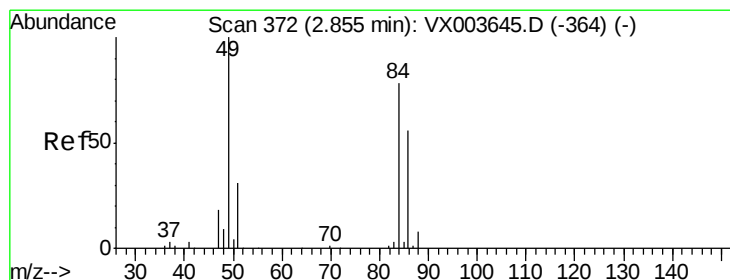
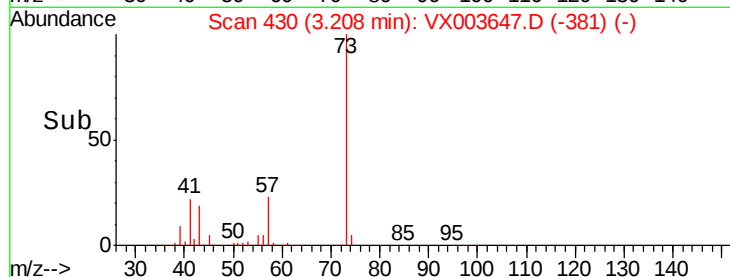
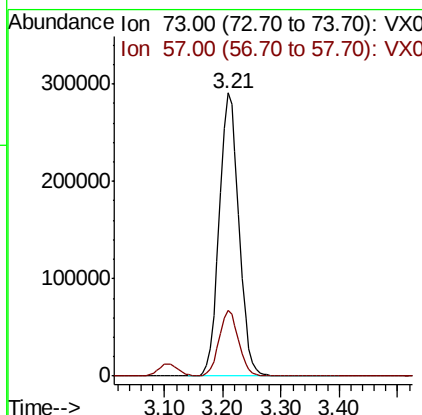
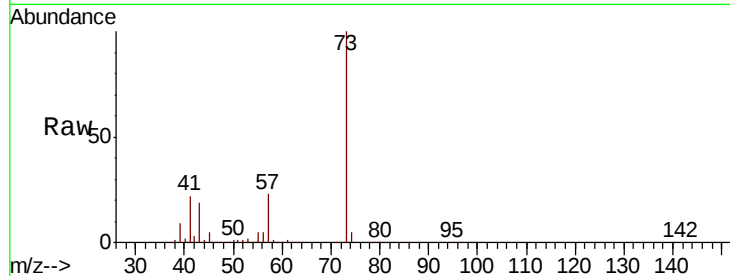




#19  
Methyl tert-butyl Ether  
Concen: 144.567 ug/l  
RT: 3.21 min Scan# 430  
Delta R.T. 0.00 min  
Lab File: VX003647.D  
Acq: 24 Jul 2018 18:28

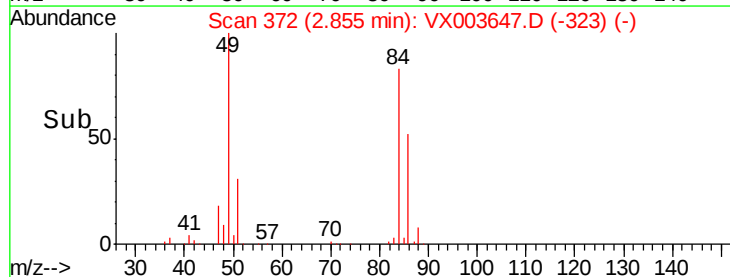
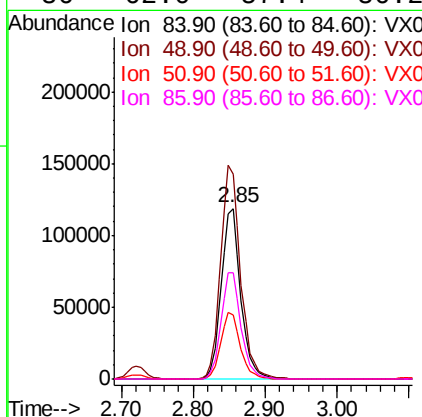
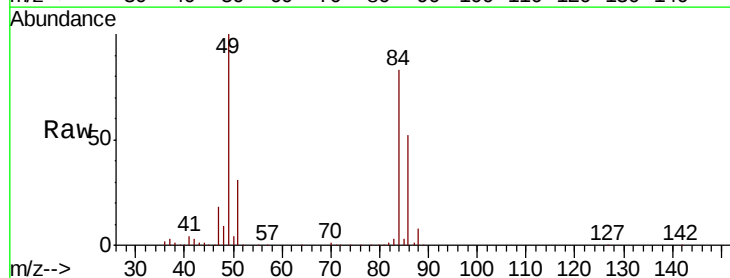
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

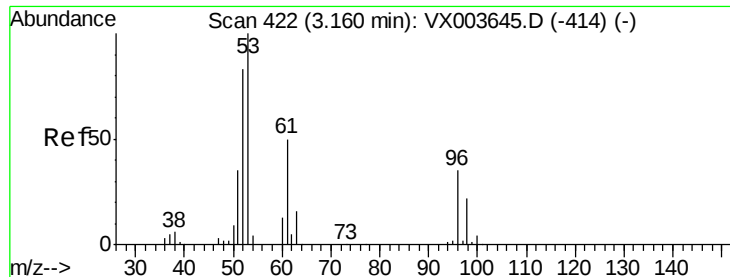
Tgt Ion: 73 Resp: 677515  
Ion Ratio Lower Upper  
73 100  
57 23.3 17.4 26.2



#20  
Methylene Chloride  
Concen: 141.337 ug/l  
RT: 2.85 min Scan# 372  
Delta R.T. 0.00 min  
Lab File: VX003647.D  
Acq: 24 Jul 2018 18:28

Tgt Ion: 84 Resp: 223587  
Ion Ratio Lower Upper  
84 100  
49 119.9 102.3 153.5  
51 37.4 31.8 47.8  
86 62.0 57.4 86.2





#21

trans-1,2-Dichloroethene

Concen: 145.734 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX003647.D

Acq: 24 Jul 2018 18:28

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

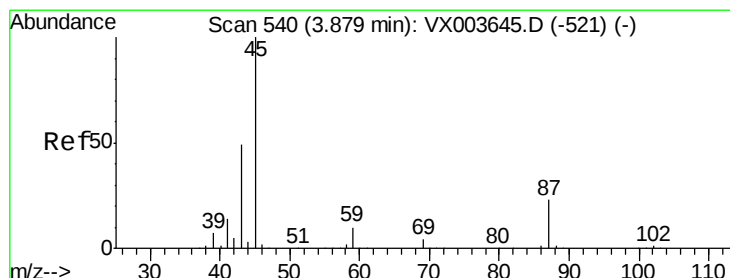
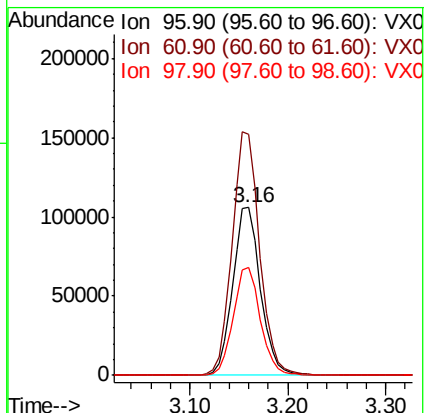
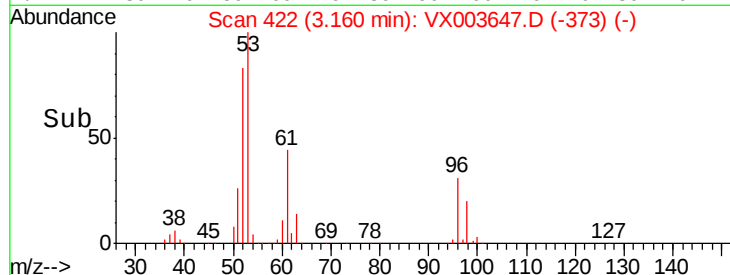
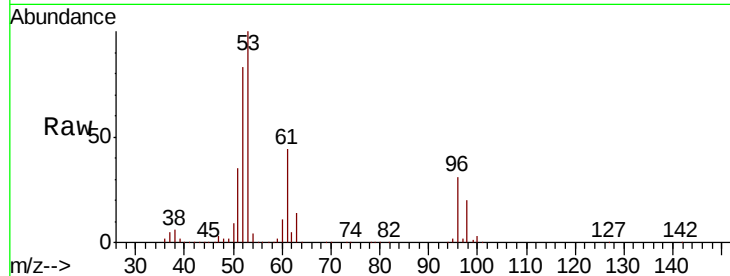
Tgt Ion: 96 Resp: 207946

Ion Ratio Lower Upper

96 100

61 143.7 115.0 172.4

98 64.4 49.7 74.5



#22

Diisopropyl ether

Concen: 144.492 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX003647.D

Acq: 24 Jul 2018 18:28

Tgt Ion: 45 Resp: 729768

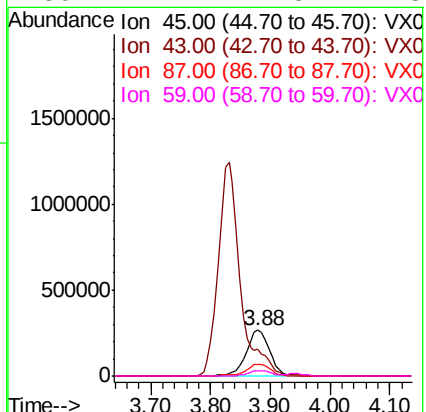
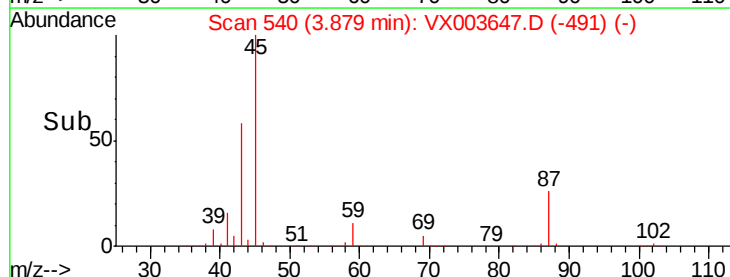
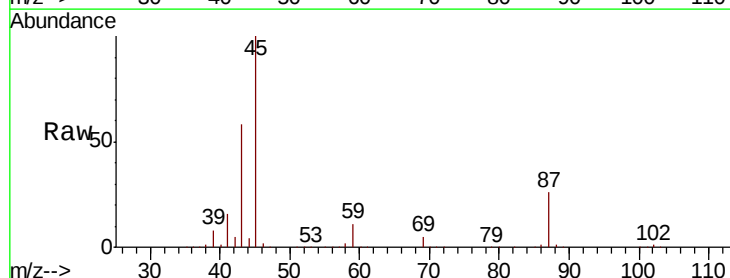
Ion Ratio Lower Upper

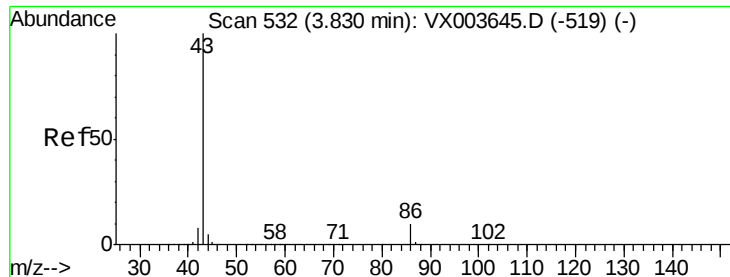
45 100

43 58.3 39.0 58.4

87 26.4 18.4 27.6

59 11.4 7.8 11.8

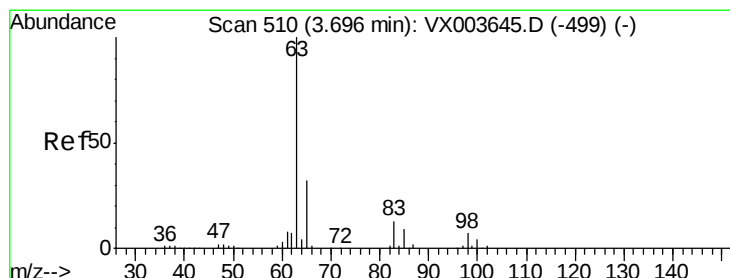
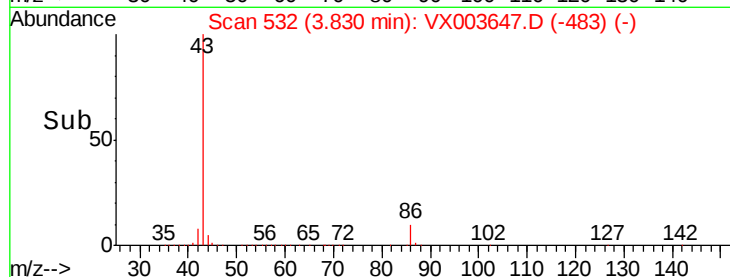
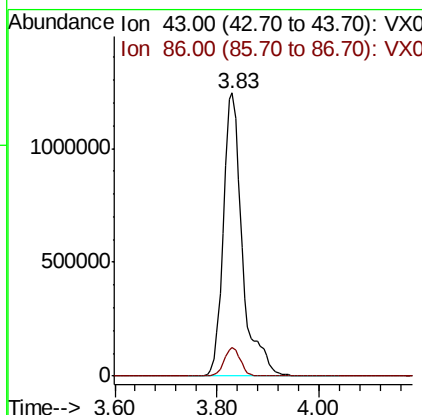
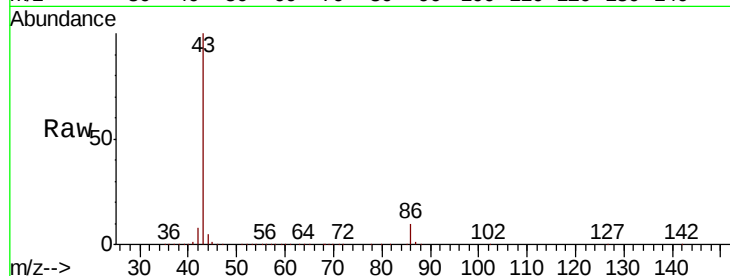




#23  
 Vinyl Acetate  
 Concen: 740.822 ug/l  
 RT: 3.83 min Scan# 532  
 Delta R.T. 0.00 min  
 Lab File: VX003647.D  
 Acq: 24 Jul 2018 18:28

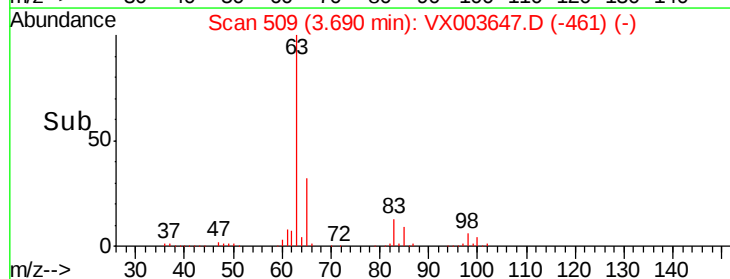
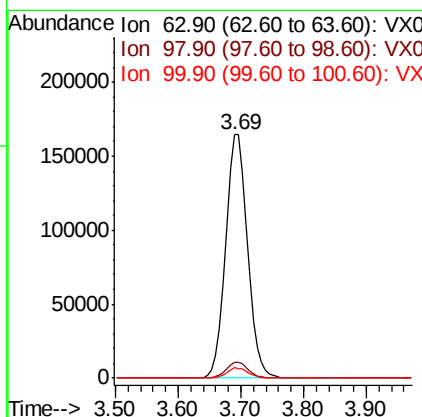
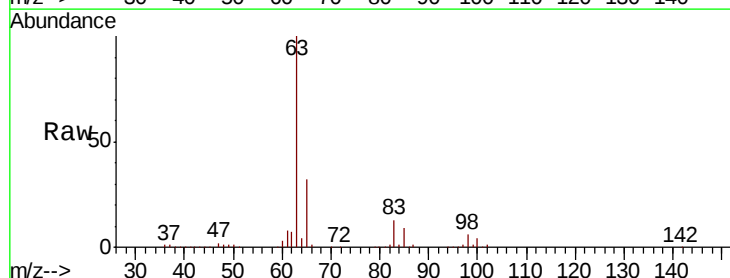
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

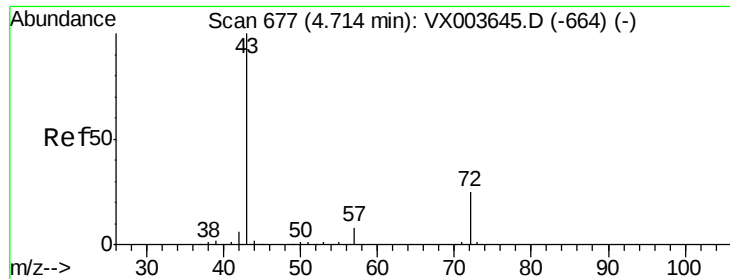
Tgt Ion: 43 Resp: 3205133  
 Ion Ratio Lower Upper  
 43 100  
 86 10.0 7.7 11.5



#24  
 1,1-Dichloroethane  
 Concen: 139.908 ug/l  
 RT: 3.69 min Scan# 509  
 Delta R.T. -0.01 min  
 Lab File: VX003647.D  
 Acq: 24 Jul 2018 18:28

Tgt Ion: 63 Resp: 398261  
 Ion Ratio Lower Upper  
 63 100  
 98 6.2 3.3 9.8  
 100 4.1 2.1 6.3





#25

2-Butanone

Concen: 728.148 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX003647.D

Acq: 24 Jul 2018 18:28

Instrument :

MSVOA\_X

ClientSampleId :

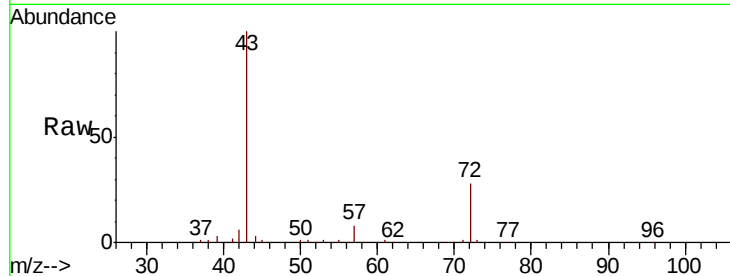
VSTDIC150

Tgt Ion: 43 Resp: 898066

Ion Ratio Lower Upper

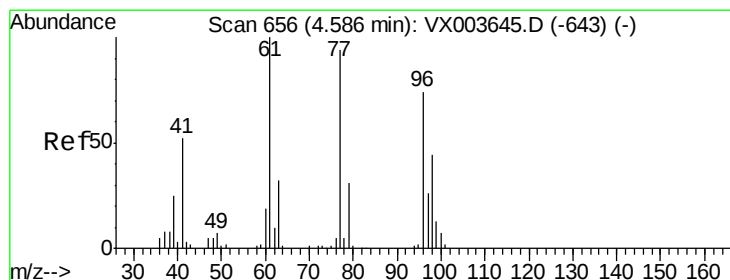
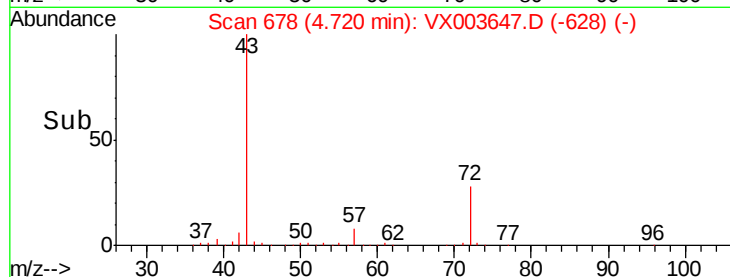
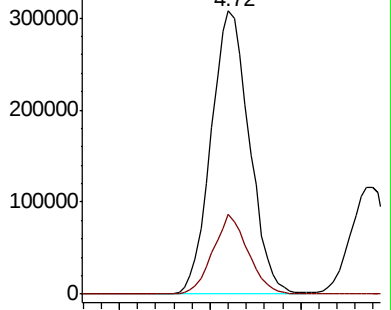
43 100

72 28.2 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VX003647.D (-664) (-)

Ion 72.00 (71.70 to 72.70): VX003647.D (-664) (-)



#26

2,2-Dichloropropane

Concen: 142.029 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX003647.D

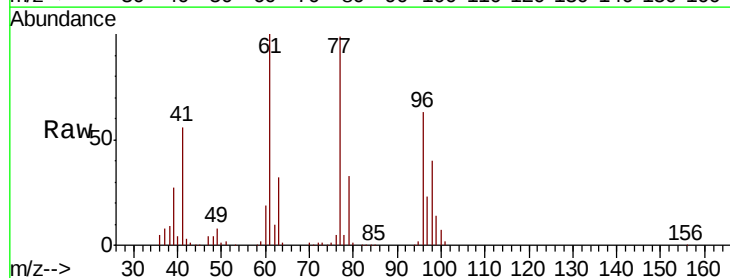
Acq: 24 Jul 2018 18:28

Tgt Ion: 77 Resp: 255622

Ion Ratio Lower Upper

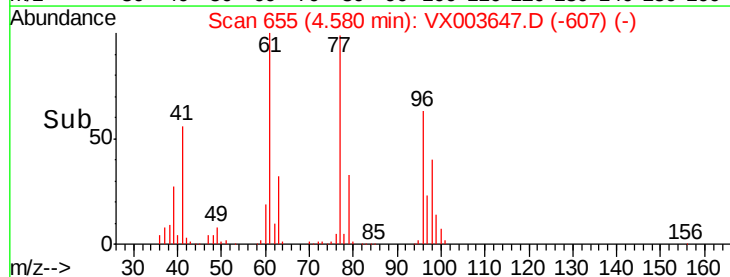
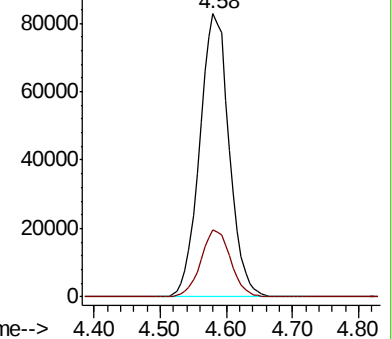
77 100

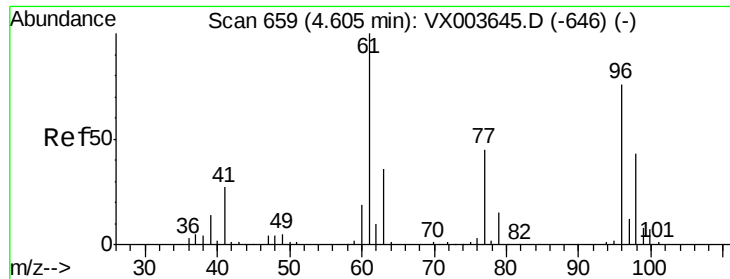
97 23.9 12.0 36.0



Abundance Ion 76.90 (76.60 to 77.60): VX003647.D (-643) (-)

Ion 96.90 (96.60 to 97.60): VX003647.D (-643) (-)



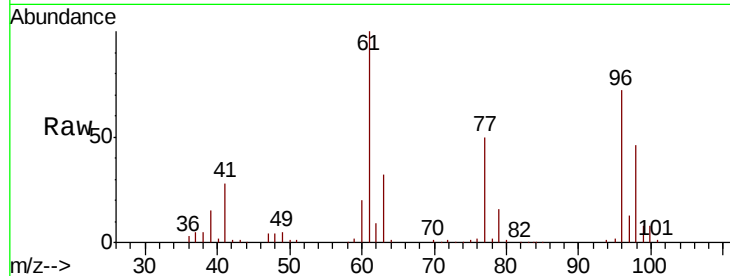


#27

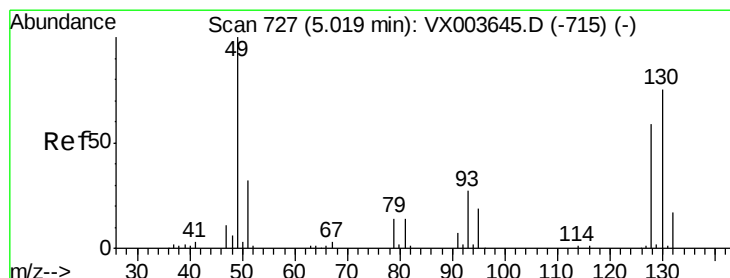
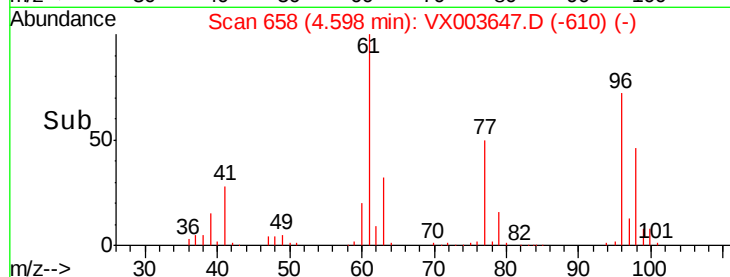
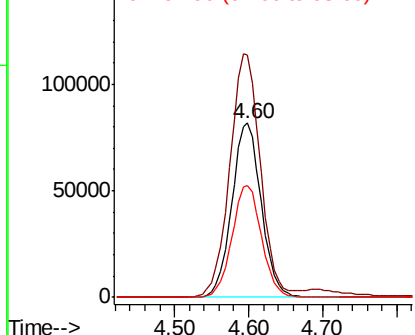
cis-1,2-Dichloroethene  
Concen: 145.785 ug/l  
RT: 4.60 min Scan# 658  
Delta R.T. -0.01 min  
Lab File: VX003647.D  
Acq: 24 Jul 2018 18:28

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

Tgt Ion: 96 Resp: 225855  
Ion Ratio Lower Upper  
96 100  
61 146.2 0.0 313.6  
98 64.8 0.0 125.6



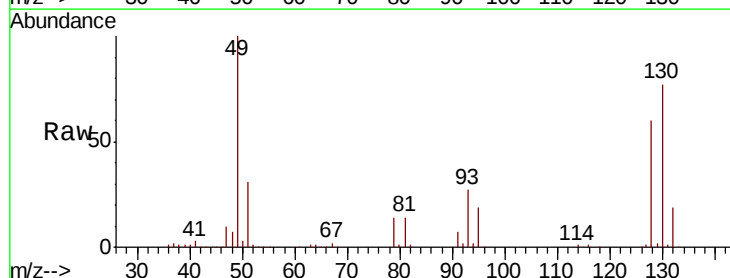
Abundance Ion 95.90 (95.60 to 96.60): VX0  
Ion 60.90 (60.60 to 61.60): VX0  
Ion 97.90 (97.60 to 98.60): VX0



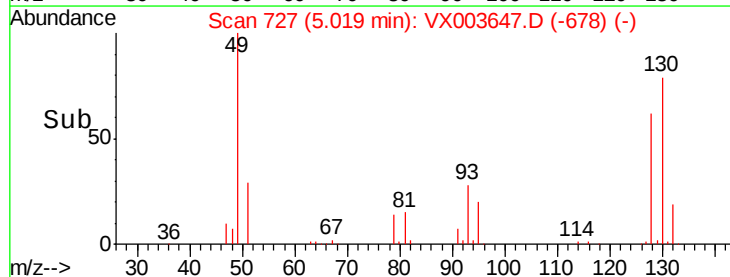
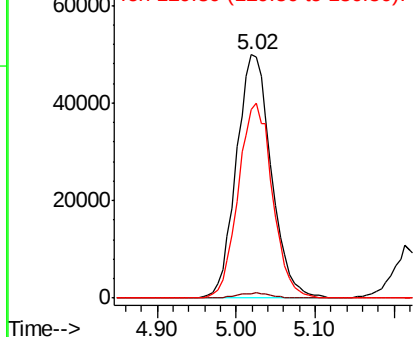
#28

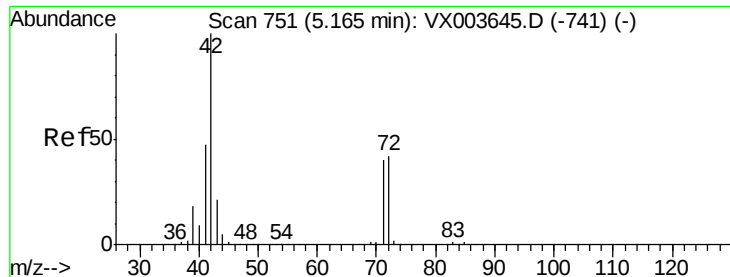
Bromochloromethane  
Concen: 134.422 ug/l  
RT: 5.02 min Scan# 727  
Delta R.T. 0.00 min  
Lab File: VX003647.D  
Acq: 24 Jul 2018 18:28

Tgt Ion: 49 Resp: 153550  
Ion Ratio Lower Upper  
49 100  
129 2.0 0.0 4.2  
130 78.6 61.0 91.6



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





#29

Tetrahydrofuran

Concen: 742.248 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.01 min

Lab File: VX003647.D

Acq: 24 Jul 2018 18:28

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

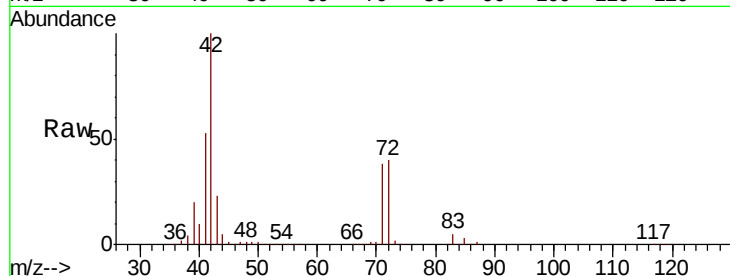
Tgt Ion: 42 Resp: 595929

Ion Ratio Lower Upper

42 100

72 43.0 33.4 50.0

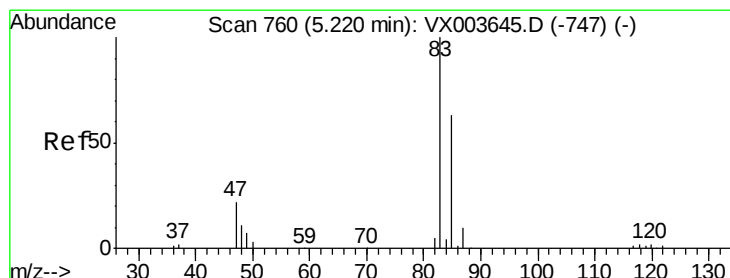
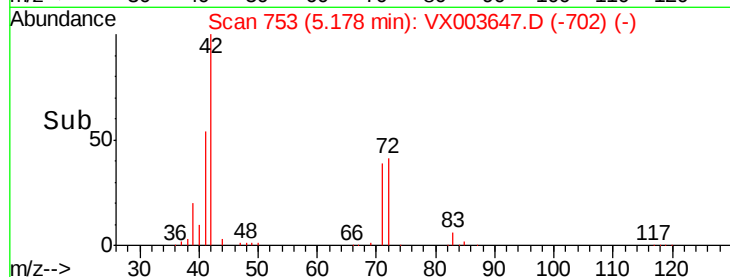
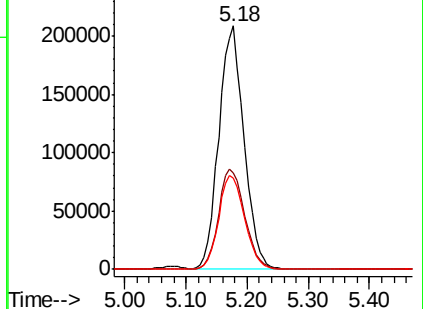
71 39.8 31.0 46.6



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 146.141 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX003647.D

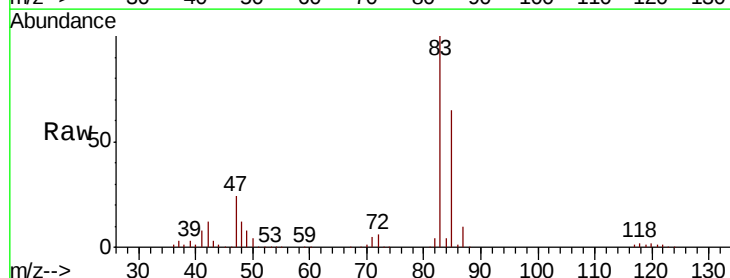
Acq: 24 Jul 2018 18:28

Tgt Ion: 83 Resp: 377327

Ion Ratio Lower Upper

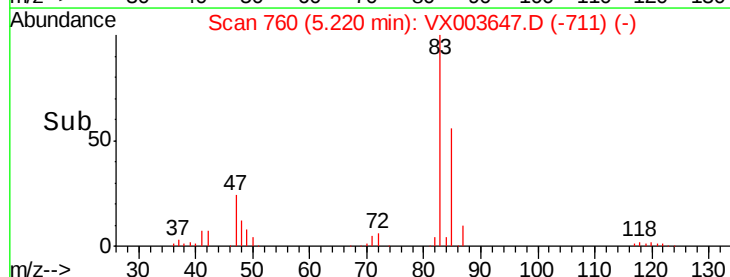
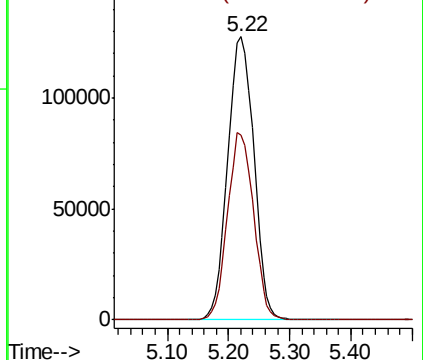
83 100

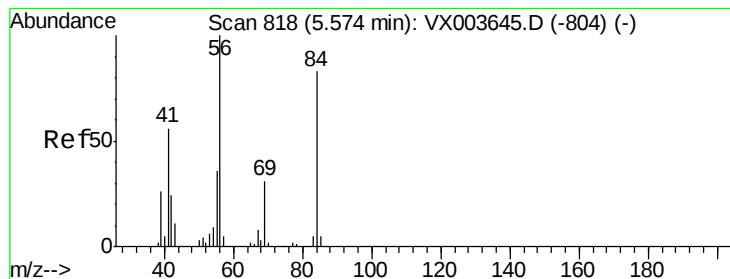
85 65.2 50.2 75.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 152.105 ug/l

RT: 5.57 min Scan# 817

Delta R.T. -0.01 min

Lab File: VX003647.D

Acq: 24 Jul 2018 18:28

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

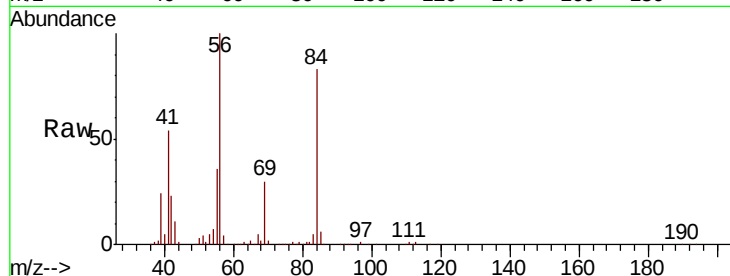
Tgt Ion: 56 Resp: 347548

Ion Ratio Lower Upper

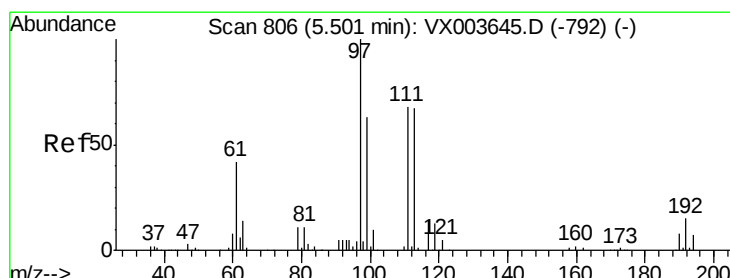
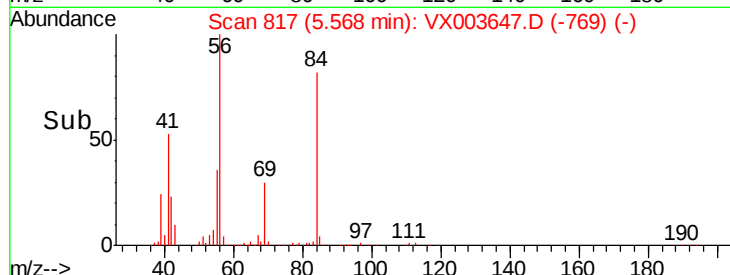
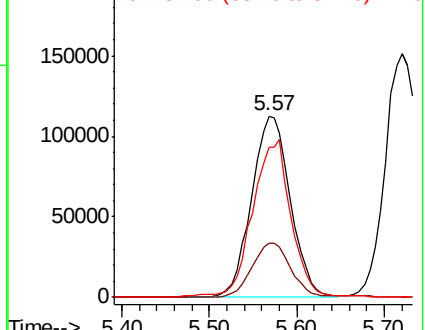
56 100

69 29.6 25.0 37.6

84 81.5 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: 150.298 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX003647.D

Acq: 24 Jul 2018 18:28

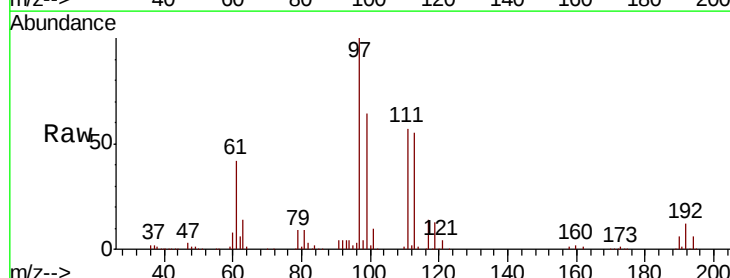
Tgt Ion: 97 Resp: 322275

Ion Ratio Lower Upper

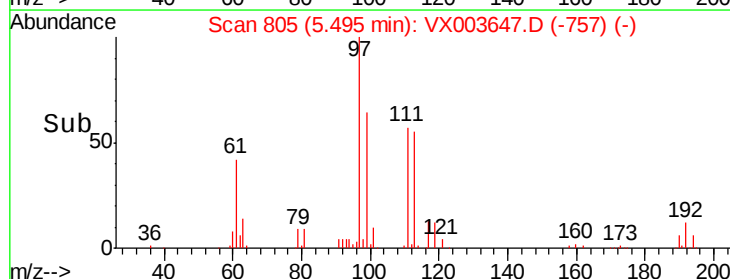
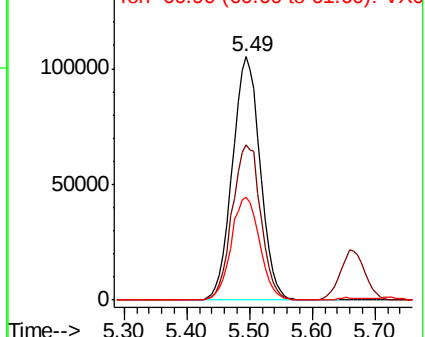
97 100

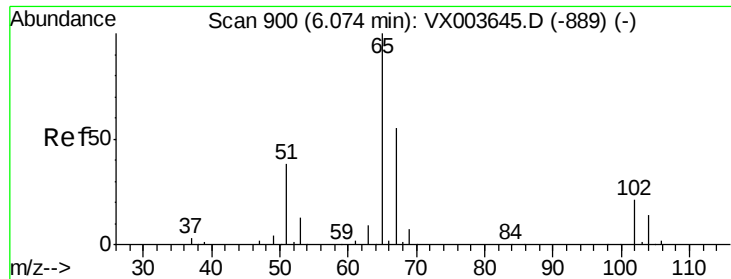
99 65.5 50.4 75.6

61 43.4 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

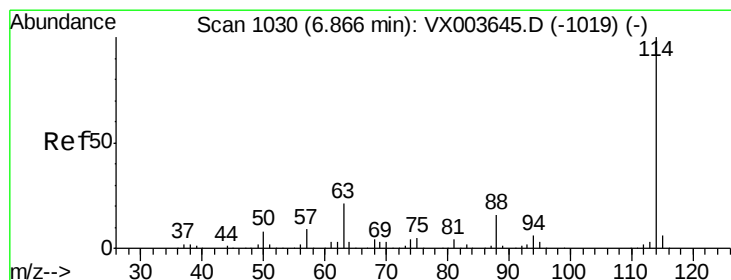
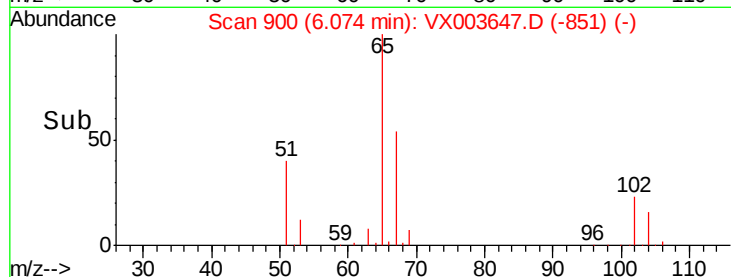
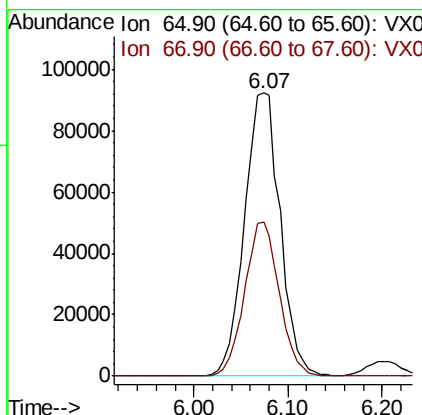
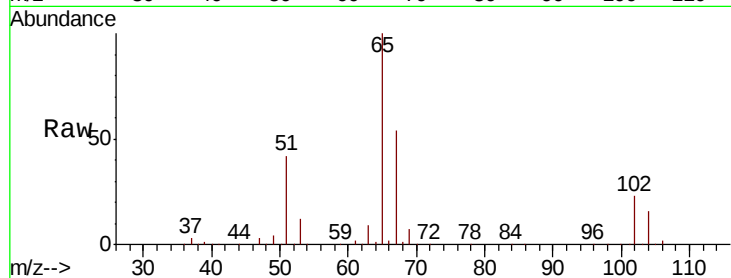




#33  
 1,2-Dichloroethane-d4  
 Concen: 144.593 ug/l  
 RT: 6.07 min Scan# 900  
 Delta R.T. 0.00 min  
 Lab File: VX003647.D  
 Acq: 24 Jul 2018 18:28

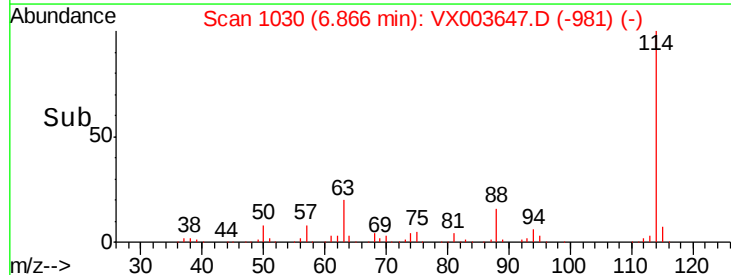
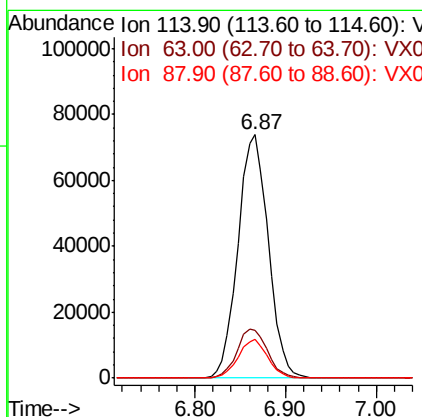
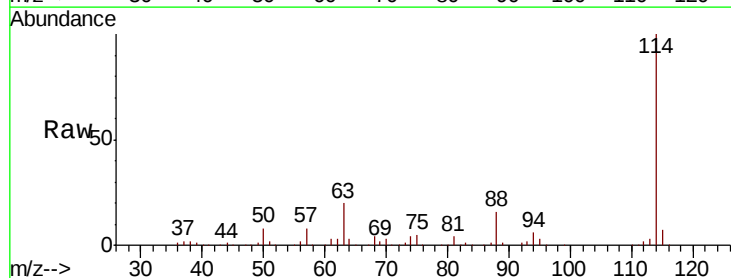
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

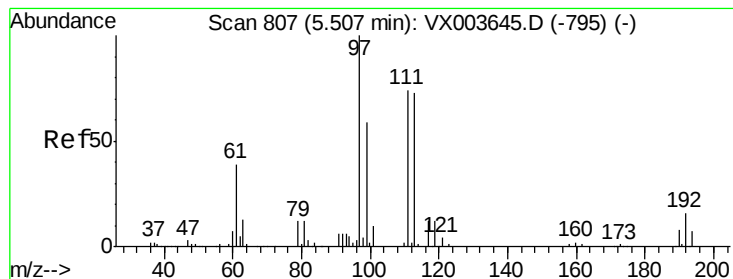
Tgt Ion: 65 Resp: 245719  
 Ion Ratio Lower Upper  
 65 100  
 67 52.8 0.0 107.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.87 min Scan# 1030  
 Delta R.T. 0.00 min  
 Lab File: VX003647.D  
 Acq: 24 Jul 2018 18:28

Tgt Ion: 114 Resp: 171204  
 Ion Ratio Lower Upper  
 114 100  
 63 19.8 0.0 41.0  
 88 15.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 147.496 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX003647.D

Acq: 24 Jul 2018 18:28

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

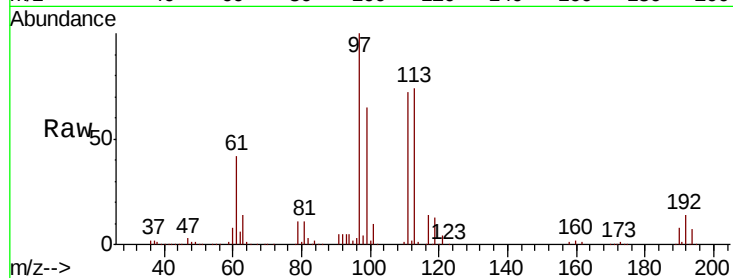
Tgt Ion:113 Resp: 206431

Ion Ratio Lower Upper

113 100

111 100.5 81.2 121.8

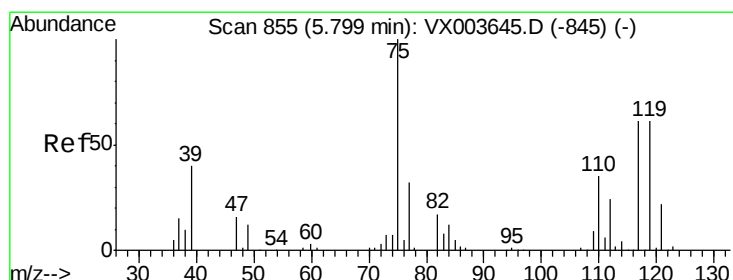
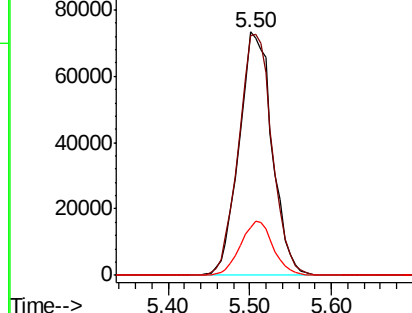
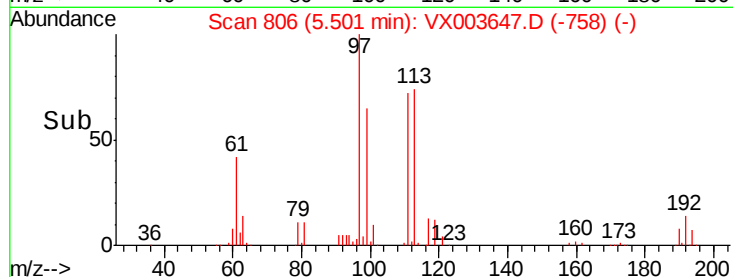
192 21.9 18.2 27.4



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: 147.062 ug/l

RT: 5.79 min Scan# 854

Delta R.T. -0.01 min

Lab File: VX003647.D

Acq: 24 Jul 2018 18:28

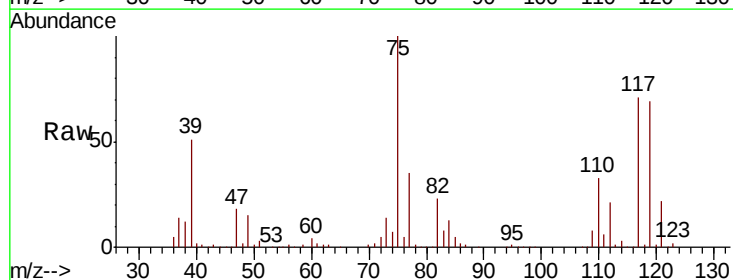
Tgt Ion: 75 Resp: 294292

Ion Ratio Lower Upper

75 100

110 35.1 18.1 54.1

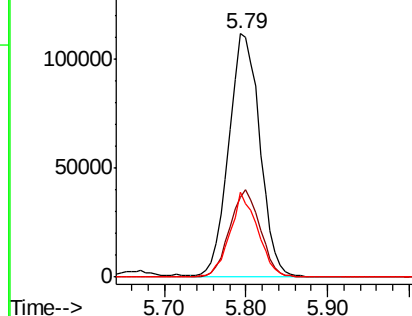
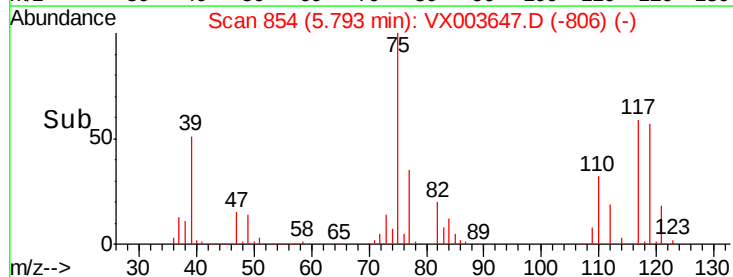
77 31.2 25.1 37.7

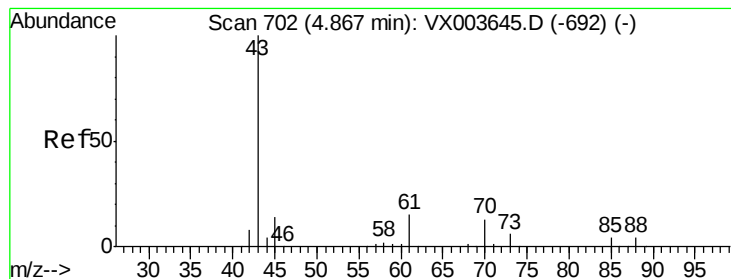


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 141.725 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.01 min

Lab File: VX003647.D

Acq: 24 Jul 2018 18:28

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

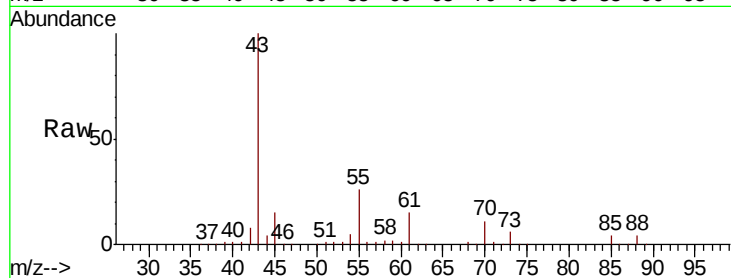
Tgt Ion: 43 Resp: 341032

Ion Ratio Lower Upper

43 100

61 14.7 11.9 17.9

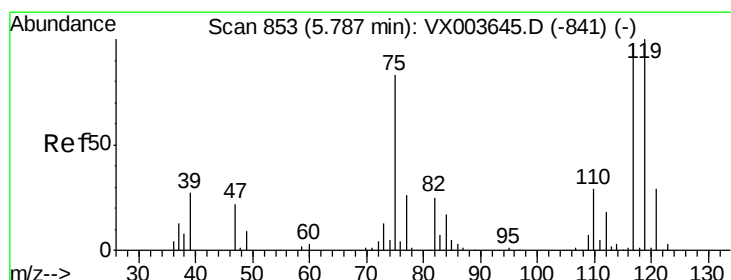
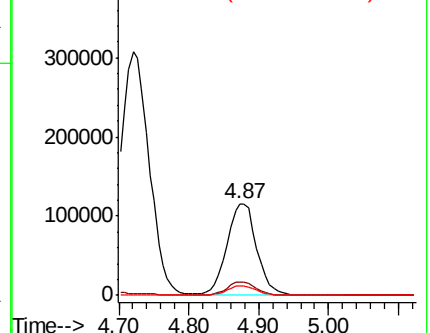
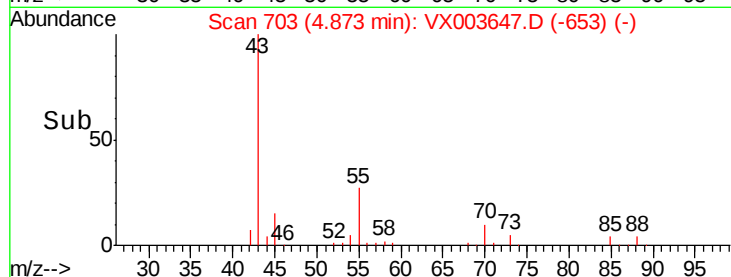
70 10.5 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 148.400 ug/l

RT: 5.78 min Scan# 852

Delta R.T. -0.01 min

Lab File: VX003647.D

Acq: 24 Jul 2018 18:28

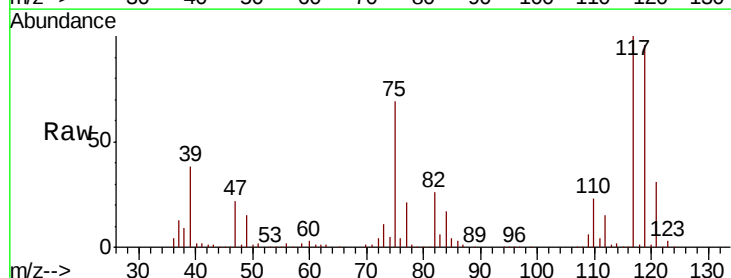
Tgt Ion: 117 Resp: 286236

Ion Ratio Lower Upper

117 100

119 95.8 81.0 121.4

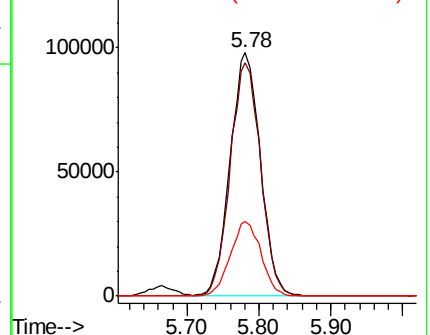
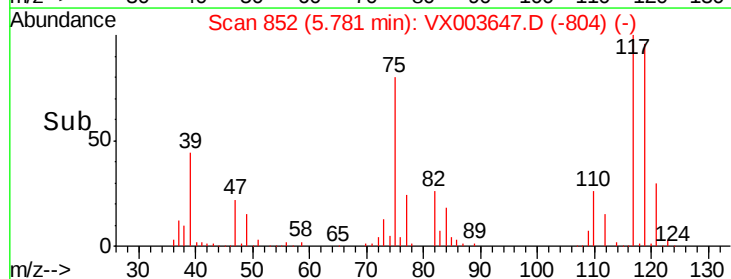
121 30.7 23.7 35.5

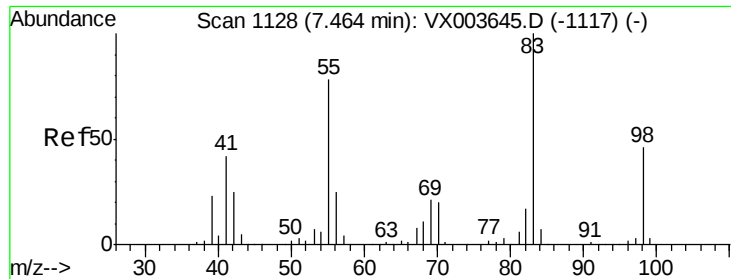


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

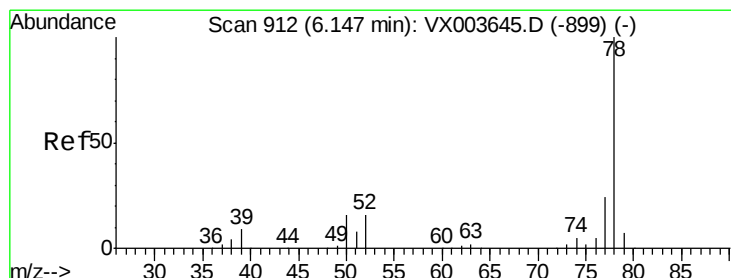
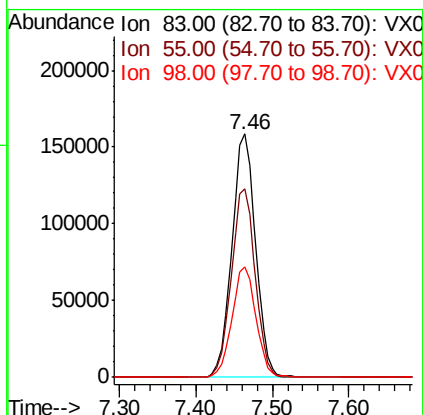
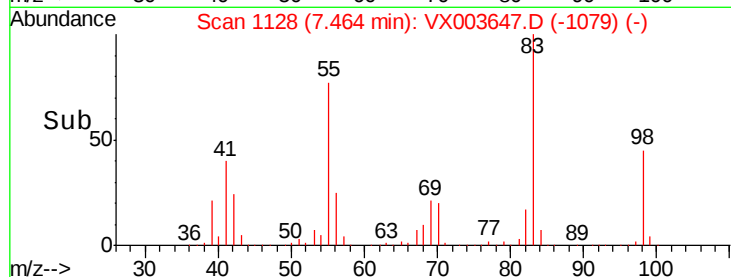
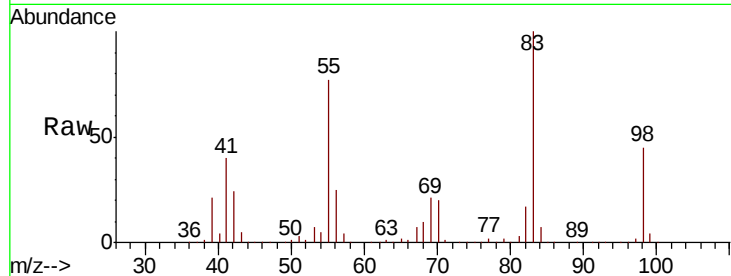




#39  
Methylcyclohexane  
Concen: 154.087 ug/l  
RT: 7.46 min Scan# 1128  
Delta R.T. 0.00 min  
Lab File: VX003647.D  
Acq: 24 Jul 2018 18:28

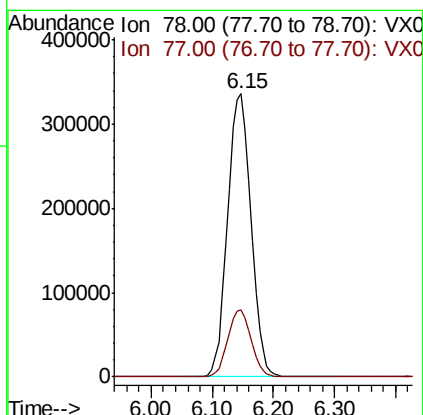
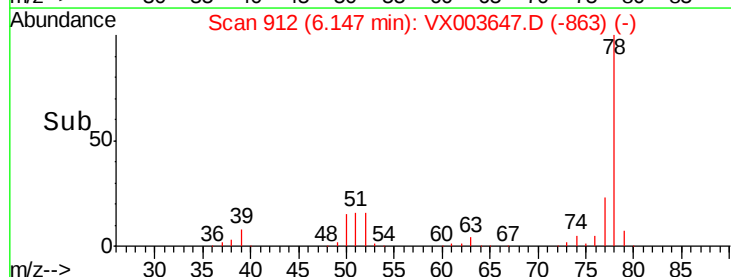
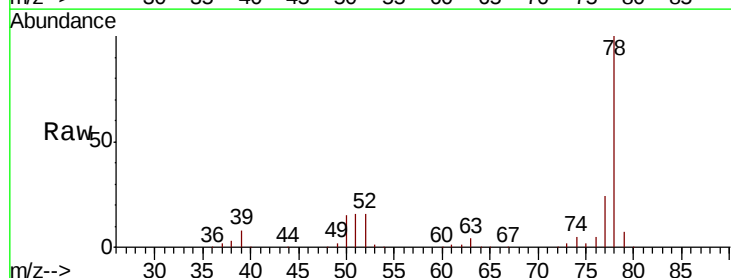
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

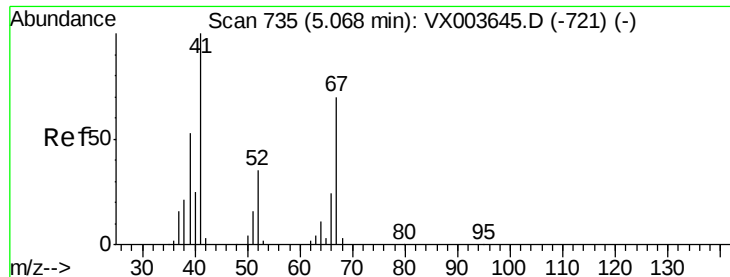
Tgt Ion: 83 Resp: 339420  
Ion Ratio Lower Upper  
83 100  
55 77.3 62.6 93.8  
98 45.2 36.6 55.0



#40  
Benzene  
Concen: 148.602 ug/l  
RT: 6.15 min Scan# 912  
Delta R.T. 0.00 min  
Lab File: VX003647.D  
Acq: 24 Jul 2018 18:28

Tgt Ion: 78 Resp: 880034  
Ion Ratio Lower Upper  
78 100  
77 23.6 19.0 28.6





#41

Methacrylonitrile

Concen: 146.358 ug/l

RT: 5.08 min Scan# 737

Delta R.T. 0.01 min

Lab File: VX003647.D

Acq: 24 Jul 2018 18:28

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

Tgt Ion: 41 Resp: 195020

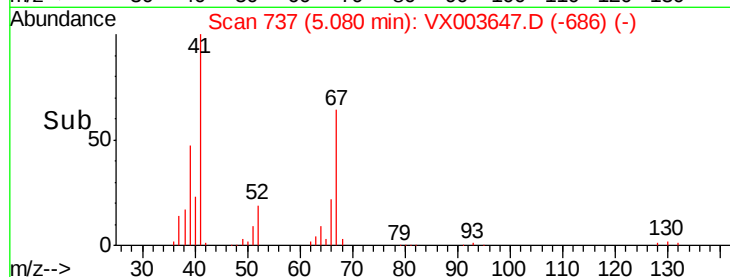
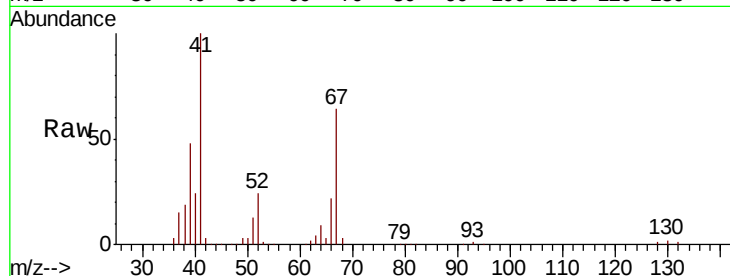
Ion Ratio Lower Upper

41 100

39 52.0 42.2 63.4

67 69.3 56.6 84.8

52 26.8 24.0 36.0

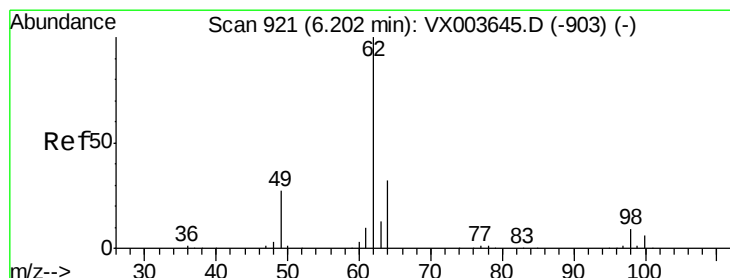
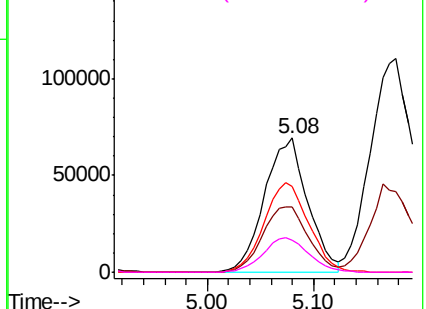


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 141.806 ug/l

RT: 6.20 min Scan# 921

Delta R.T. 0.00 min

Lab File: VX003647.D

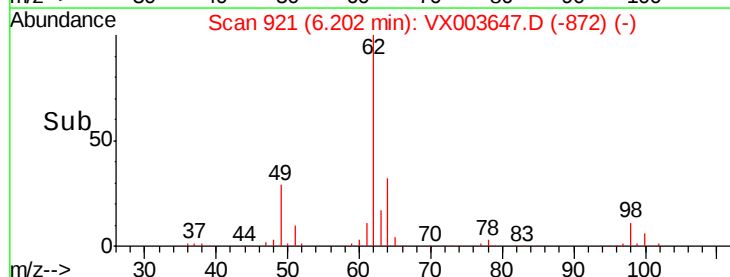
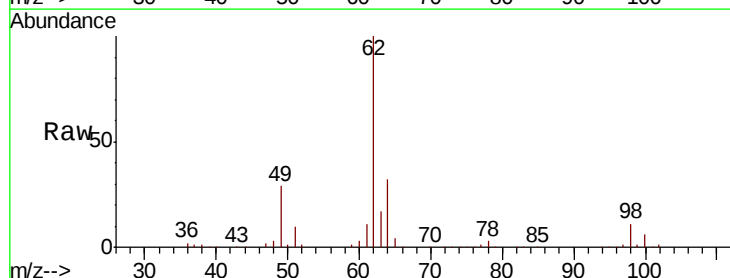
Acq: 24 Jul 2018 18:28

Tgt Ion: 62 Resp: 295578

Ion Ratio Lower Upper

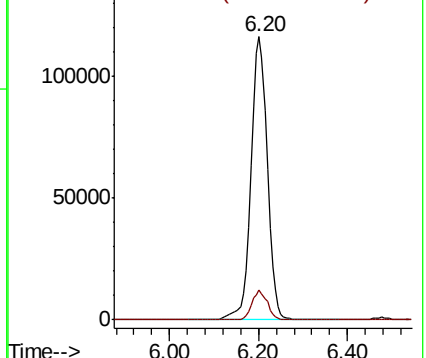
62 100

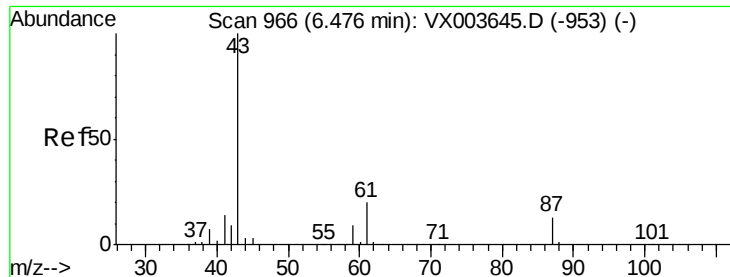
98 9.9 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 155.523 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX003647.D

Acq: 24 Jul 2018 18:28

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

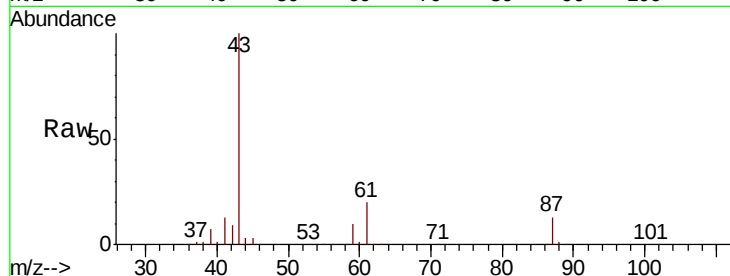
Tgt Ion: 43 Resp: 545945

Ion Ratio Lower Upper

43 100

61 20.0 15.9 23.9

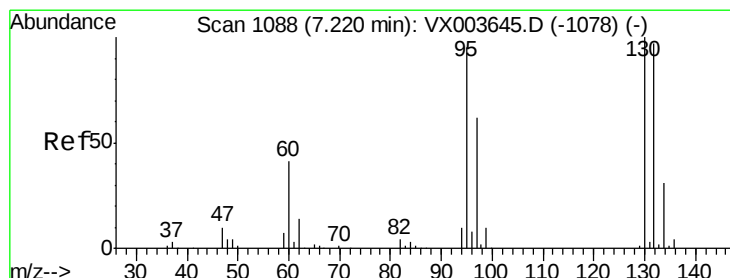
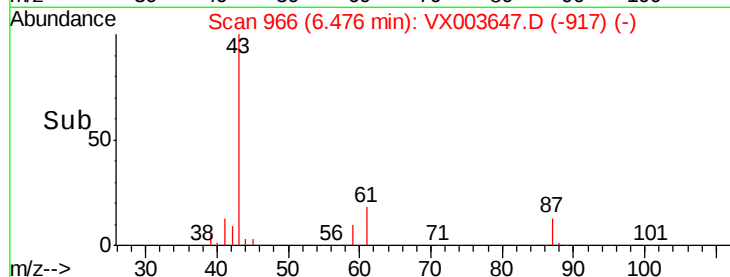
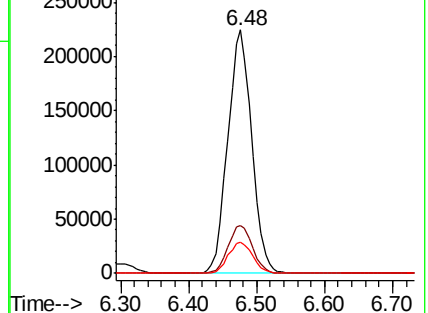
87 13.1 10.1 15.1



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: 142.853 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX003647.D

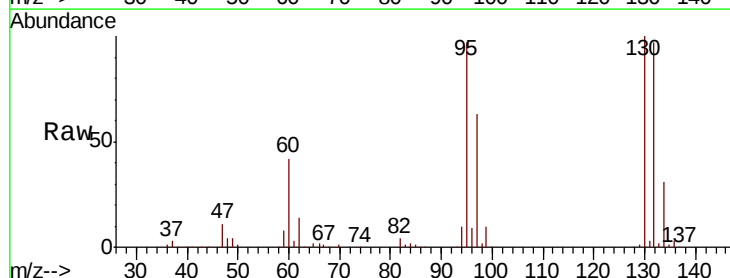
Acq: 24 Jul 2018 18:28

Tgt Ion:130 Resp: 226819

Ion Ratio Lower Upper

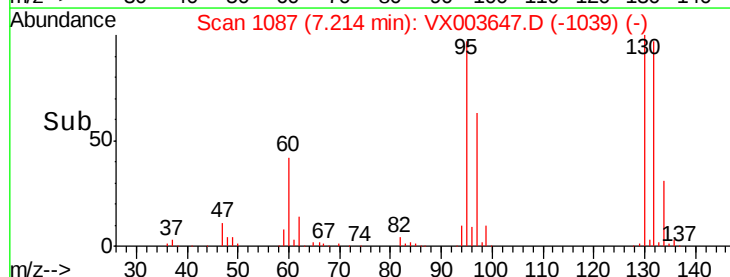
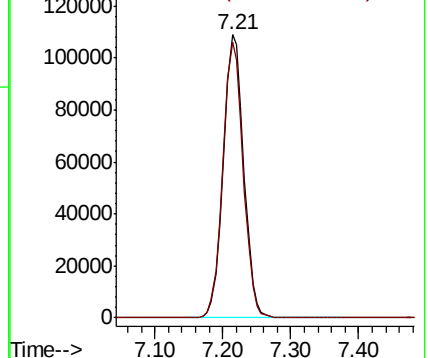
130 100

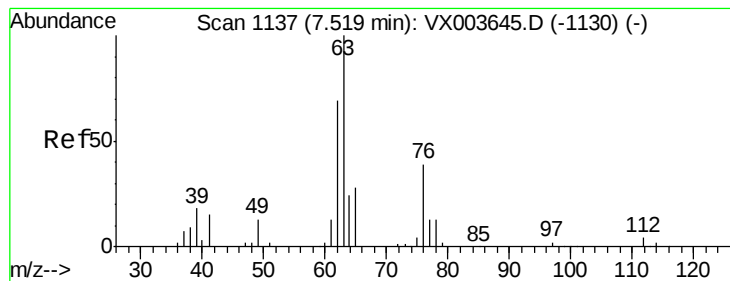
95 97.2 0.0 190.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 148.143 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003647.D

Acq: 24 Jul 2018 18:28

Instrument :

MSVOA\_X

ClientSampleId :

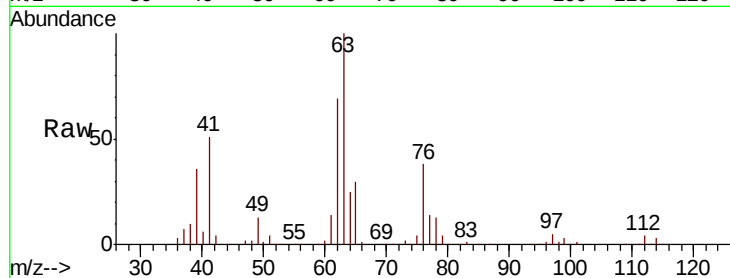
VSTDIC150

Tgt Ion: 63 Resp: 226778

Ion Ratio Lower Upper

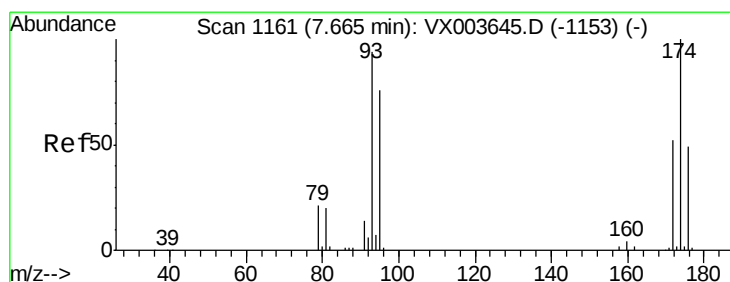
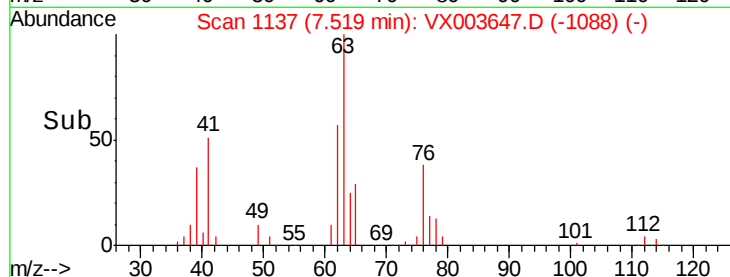
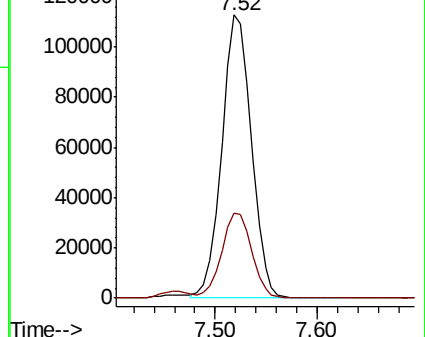
63 100

65 30.2 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: 148.235 ug/l

RT: 7.66 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003647.D

Acq: 24 Jul 2018 18:28

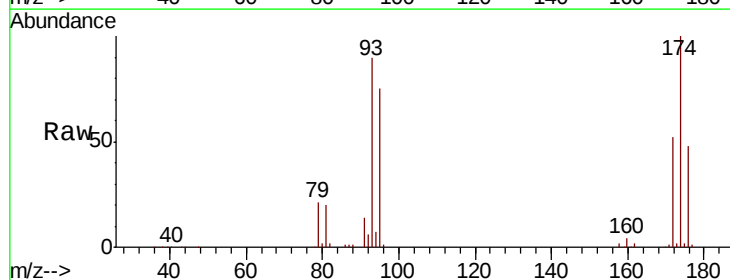
Tgt Ion: 93 Resp: 145772

Ion Ratio Lower Upper

93 100

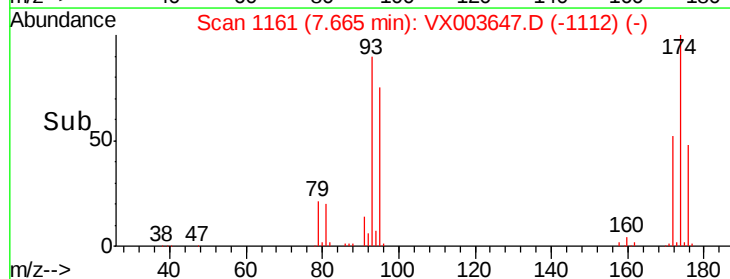
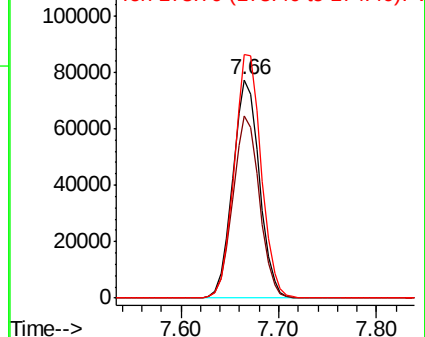
95 83.4 67.0 100.6

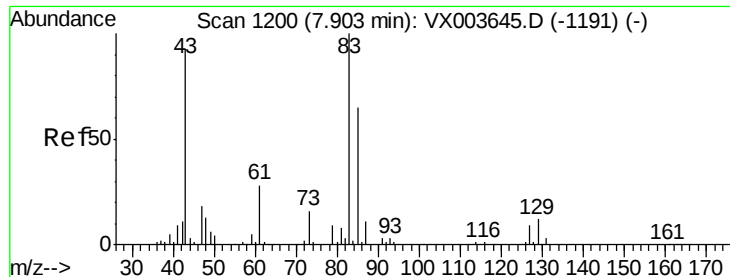
174 113.2 89.6 134.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0





#47

Bromodichloromethane

Concen: 154.492 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003647.D

Acq: 24 Jul 2018 18:28

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

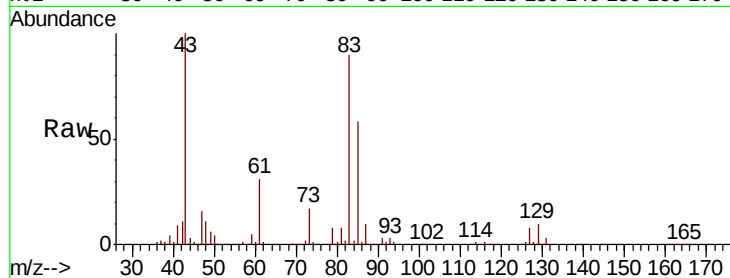
Tgt Ion: 83 Resp: 284850

Ion Ratio Lower Upper

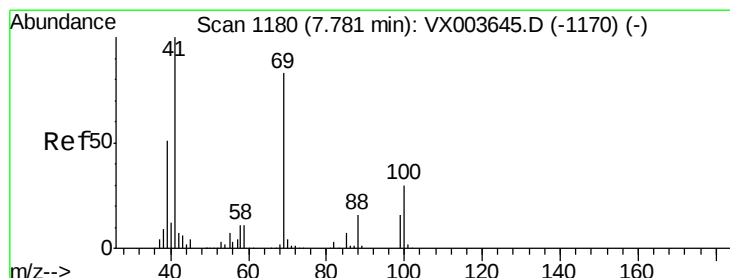
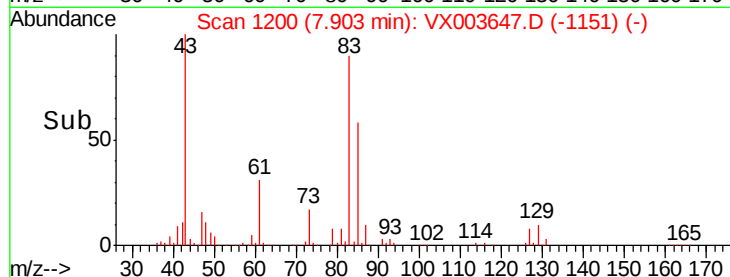
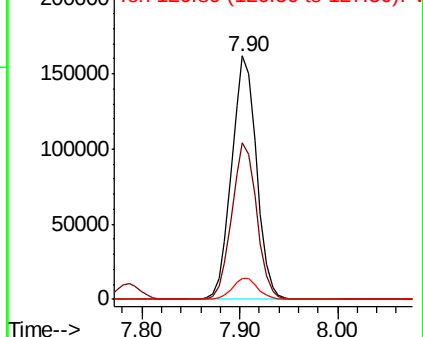
83 100

85 64.1 51.8 77.6

127 8.8 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: 157.676 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VX003647.D

Acq: 24 Jul 2018 18:28

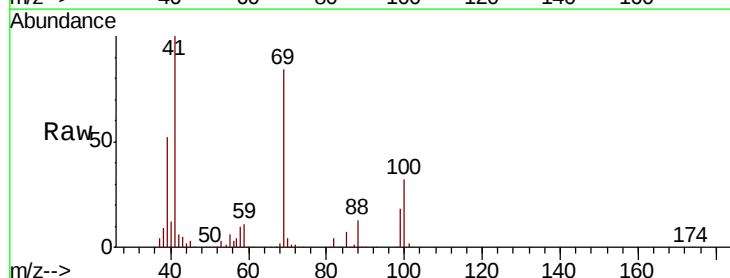
Tgt Ion: 41 Resp: 280877

Ion Ratio Lower Upper

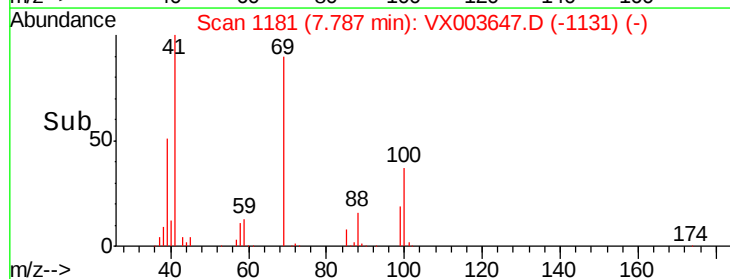
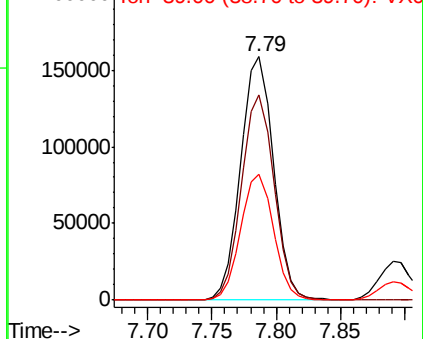
41 100

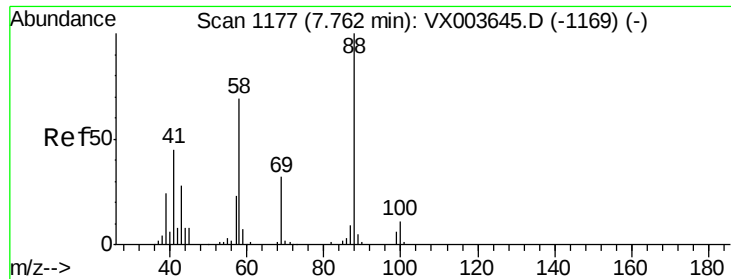
69 83.9 66.9 100.3

39 51.7 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

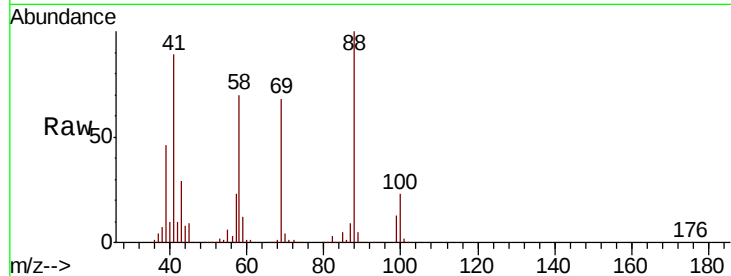




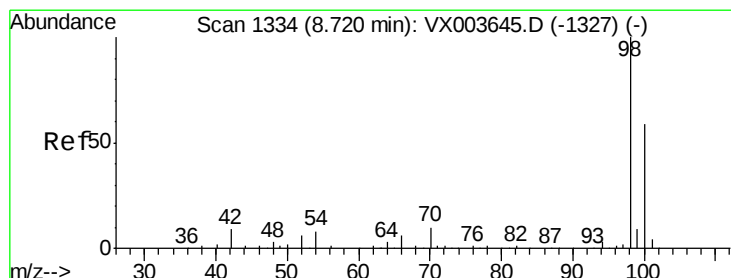
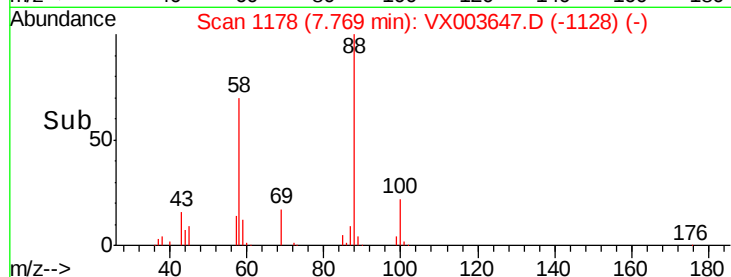
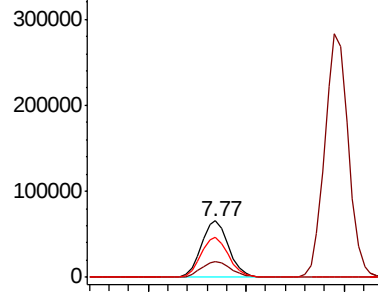
#49  
1,4-Dioxane  
Concen: 3196.167 ug/l  
RT: 7.77 min Scan# 1178  
Delta R.T. 0.01 min  
Lab File: VX003647.D  
Acq: 24 Jul 2018 18:28

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

Tgt Ion: 88 Resp: 127023  
Ion Ratio Lower Upper  
88 100  
43 30.9 25.8 38.6  
58 71.6 58.3 87.5

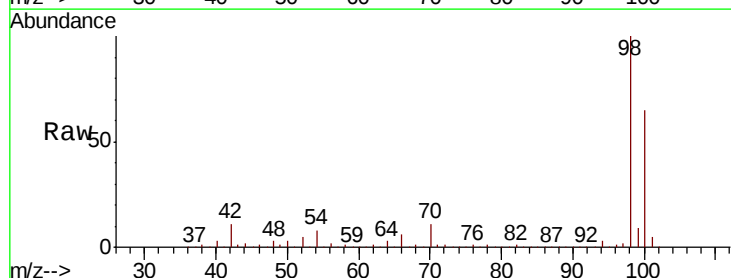


Abundance Ion 88.00 (87.70 to 88.70): VX0  
Ion 43.00 (42.70 to 43.70): VX0  
Ion 58.00 (57.70 to 58.70): VX0

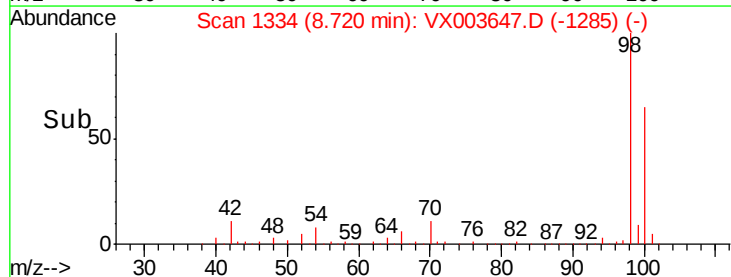
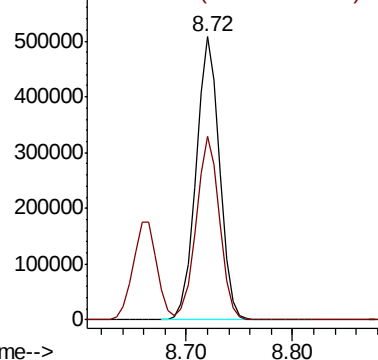


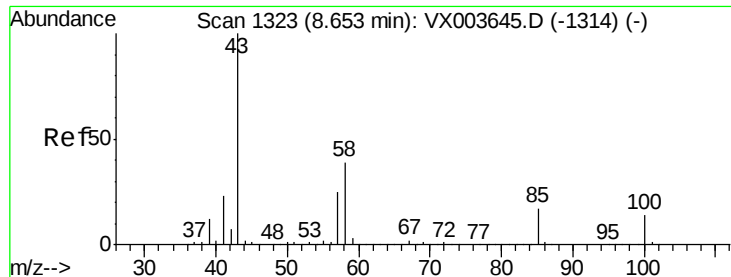
#50  
Toluene-d8  
Concen: 146.065 ug/l  
RT: 8.72 min Scan# 1334  
Delta R.T. 0.00 min  
Lab File: VX003647.D  
Acq: 24 Jul 2018 18:28

Tgt Ion: 98 Resp: 780176  
Ion Ratio Lower Upper  
98 100  
100 64.3 50.9 76.3



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

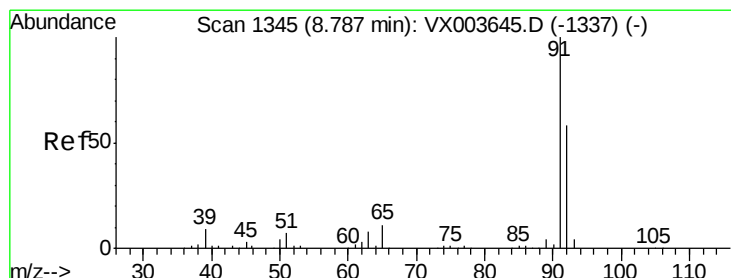
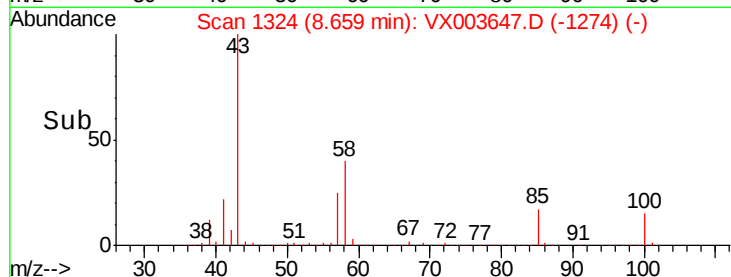
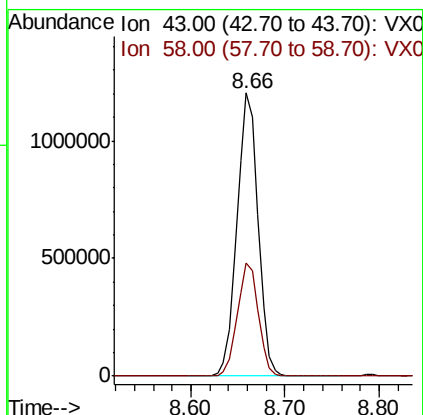
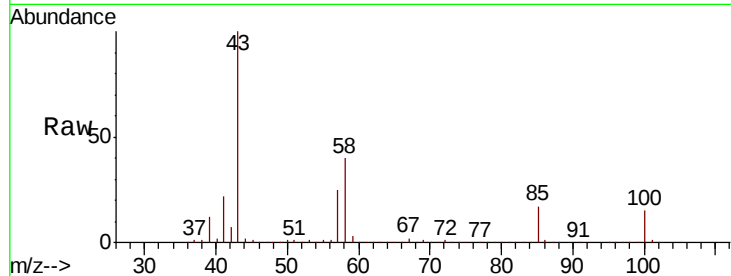




#51  
 4-Methyl-2-Pentanone  
 Concen: 787.184 ug/l  
 RT: 8.66 min Scan# 1324  
 Delta R.T. 0.01 min  
 Lab File: VX003647.D  
 Acq: 24 Jul 2018 18:28

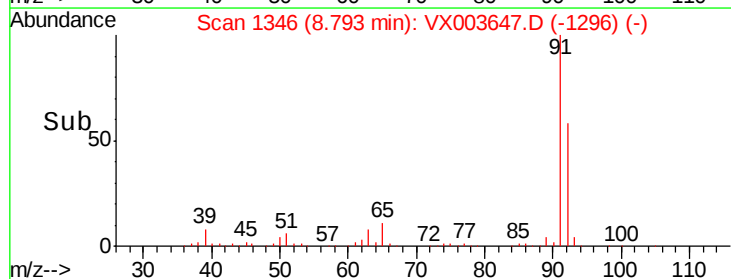
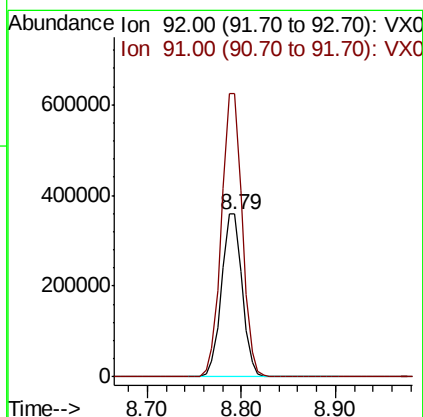
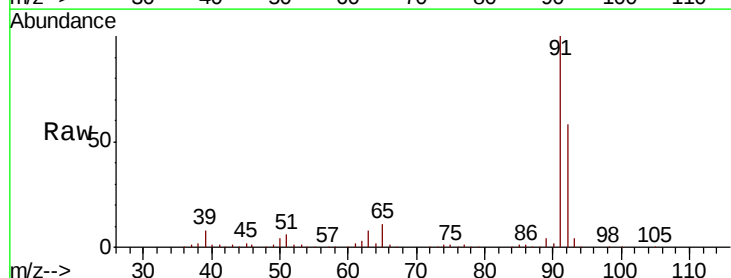
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

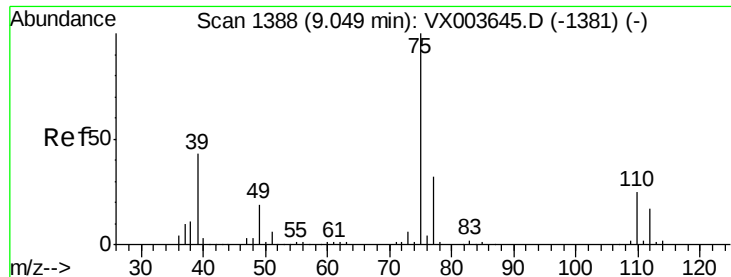
Tgt Ion: 43 Resp: 1864491  
 Ion Ratio Lower Upper  
 43 100  
 58 39.8 31.5 47.3



#52  
 Toluene  
 Concen: 148.204 ug/l  
 RT: 8.79 min Scan# 1346  
 Delta R.T. 0.01 min  
 Lab File: VX003647.D  
 Acq: 24 Jul 2018 18:28

Tgt Ion: 92 Resp: 545551  
 Ion Ratio Lower Upper  
 92 100  
 91 174.3 139.0 208.6

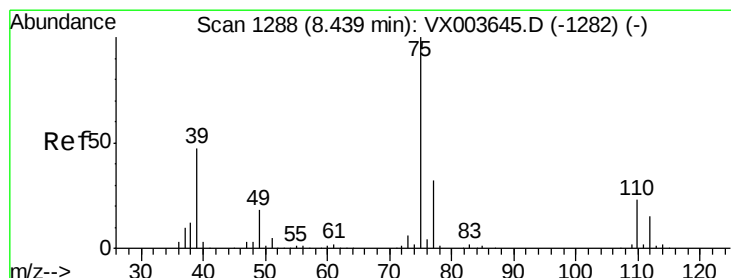
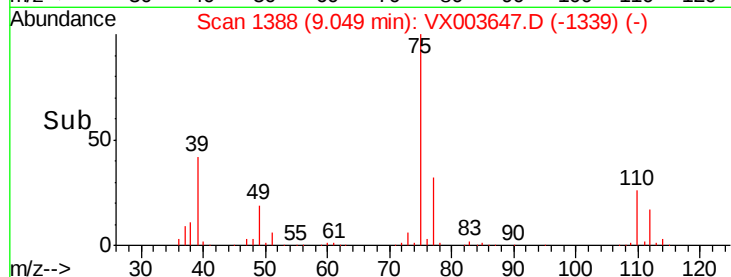
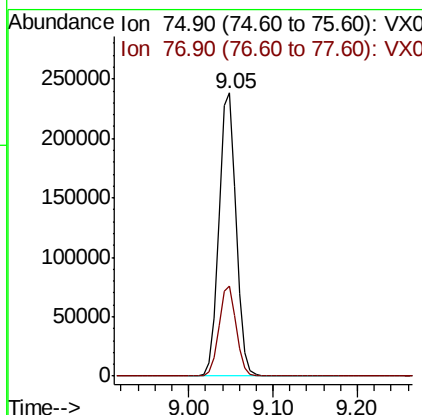
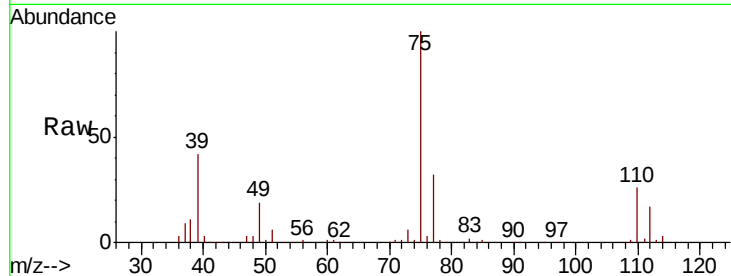




#53  
 t-1,3-Dichloropropene  
 Concen: 152.208 ug/l  
 RT: 9.05 min Scan# 1388  
 Delta R.T. 0.00 min  
 Lab File: VX003647.D  
 Acq: 24 Jul 2018 18:28

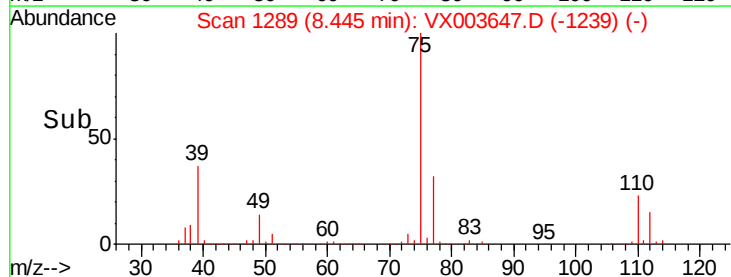
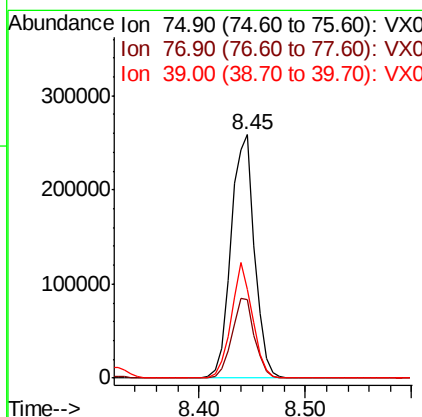
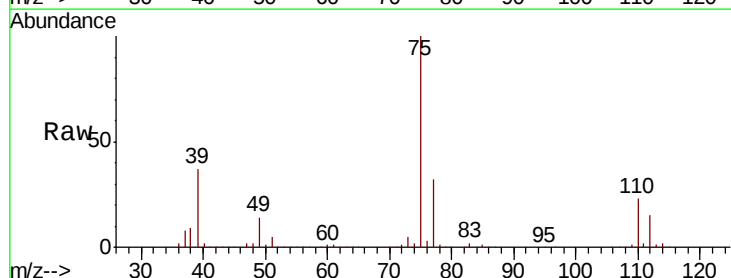
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

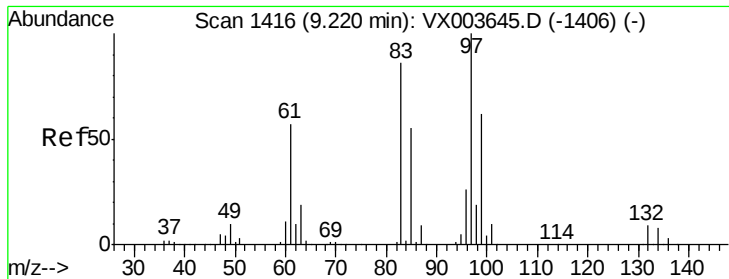
Tgt Ion: 75 Resp: 336852  
 Ion Ratio Lower Upper  
 75 100  
 77 31.9 25.8 38.6



#54  
 cis-1,3-Dichloropropene  
 Concen: 192.718 ug/l  
 RT: 8.45 min Scan# 1289  
 Delta R.T. 0.01 min  
 Lab File: VX003647.D  
 Acq: 24 Jul 2018 18:28

Tgt Ion: 75 Resp: 399687  
 Ion Ratio Lower Upper  
 75 100  
 77 32.4 25.2 37.8  
 39 36.6 38.0 57.0#

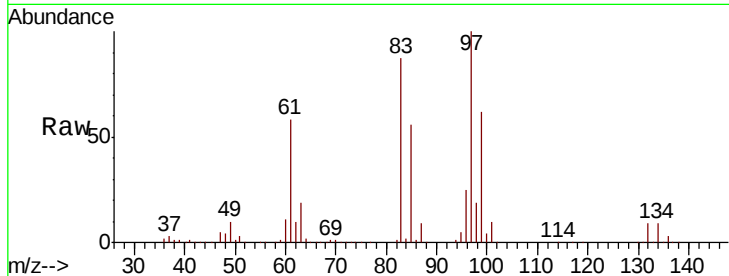




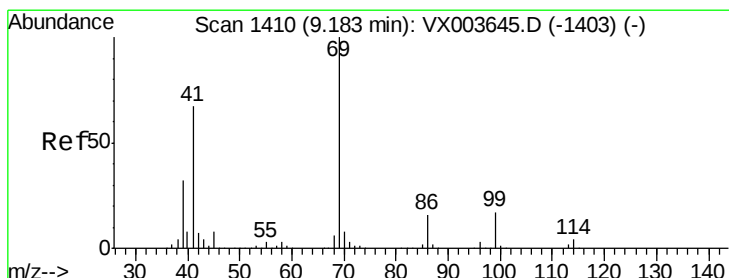
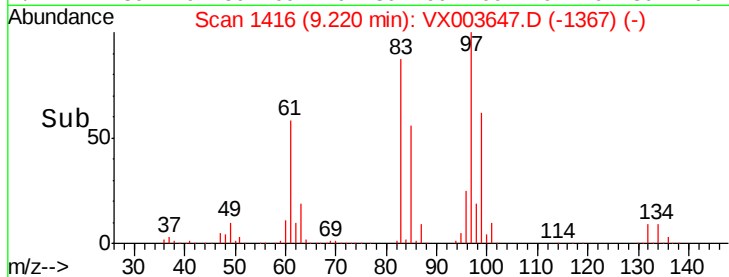
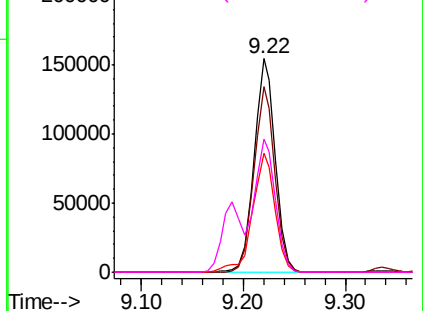
#55  
 1,1,2-Trichloroethane  
 Concen: 149.245 ug/l  
 RT: 9.22 min Scan# 1416  
 Delta R.T. 0.00 min  
 Lab File: VX003647.D  
 Acq: 24 Jul 2018 18:28

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

Tgt Ion: 97 Resp: 224567  
 Ion Ratio Lower Upper  
 97 100  
 83 86.6 68.7 103.1  
 85 55.7 43.7 65.5  
 99 62.2 49.6 74.4

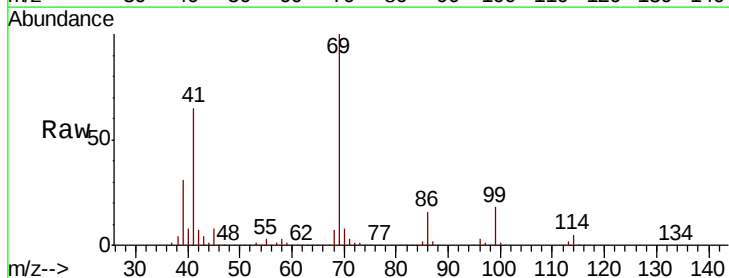


Abundance Ion 96.90 (96.60 to 97.60): VX0  
 Ion 82.90 (82.60 to 83.60): VX0  
 Ion 84.90 (84.60 to 85.60): VX0  
 Ion 98.90 (98.60 to 99.60): VX0

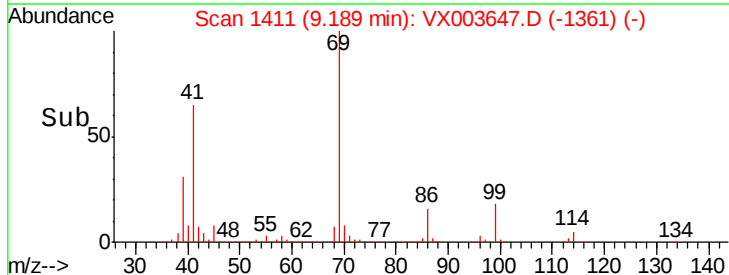
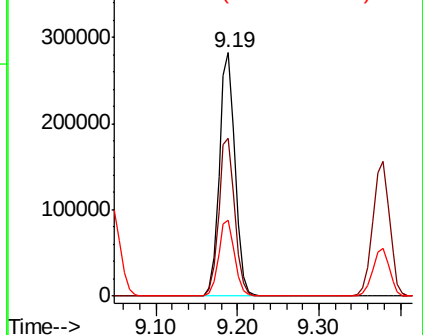


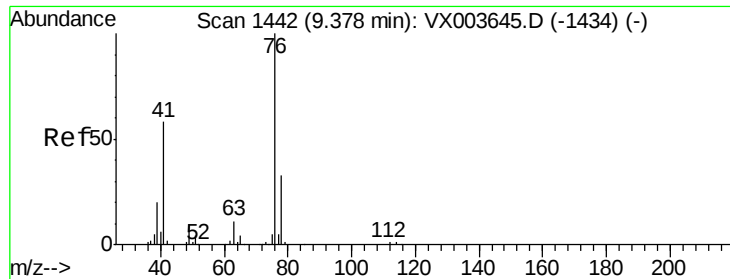
#56  
 Ethyl methacrylate  
 Concen: 170.543 ug/l  
 RT: 9.19 min Scan# 1411  
 Delta R.T. 0.01 min  
 Lab File: VX003647.D  
 Acq: 24 Jul 2018 18:28

Tgt Ion: 69 Resp: 381877  
 Ion Ratio Lower Upper  
 69 100  
 41 66.1 53.8 80.6  
 39 31.8 25.8 38.8



Abundance Ion 69.00 (68.70 to 69.70): VX0  
 Ion 41.00 (40.70 to 41.70): VX0  
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 153.238 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX003647.D

Acq: 24 Jul 2018 18:28

Instrument :

MSVOA\_X

ClientSampleId :

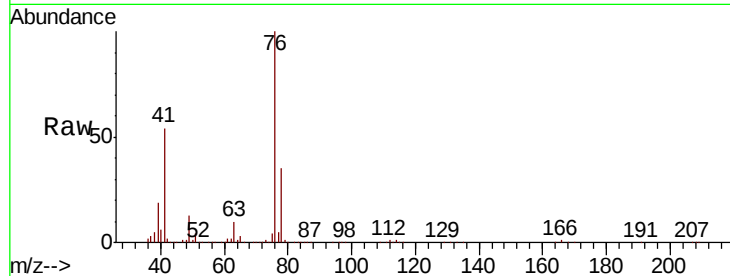
VSTDIC150

Tgt Ion: 76 Resp: 387166

Ion Ratio Lower Upper

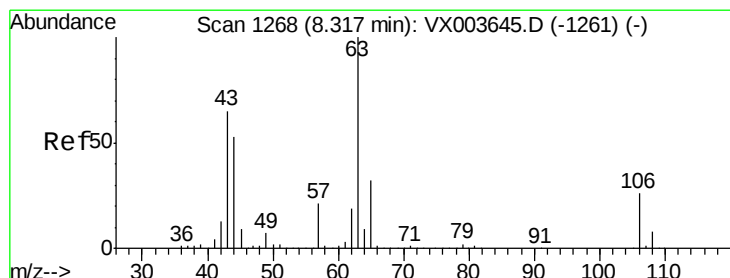
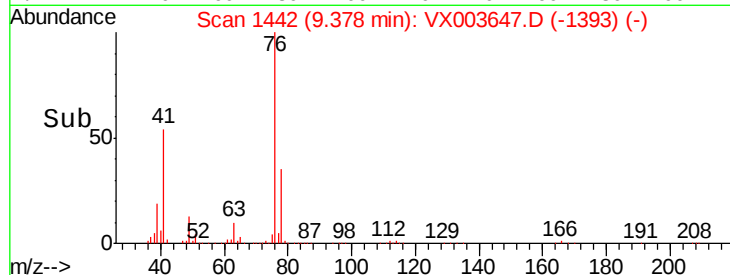
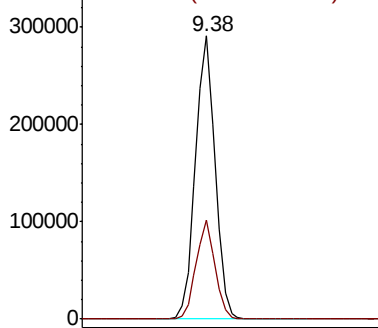
76 100

78 33.4 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 825.998 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.01 min

Lab File: VX003647.D

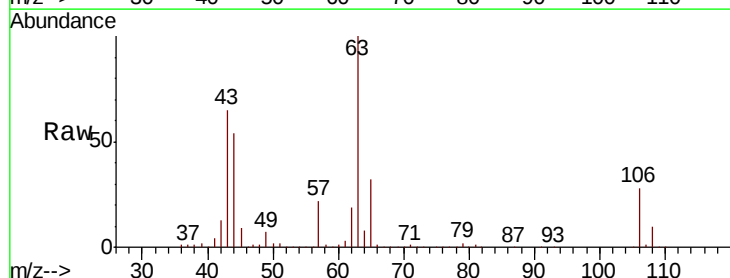
Acq: 24 Jul 2018 18:28

Tgt Ion: 63 Resp: 929427

Ion Ratio Lower Upper

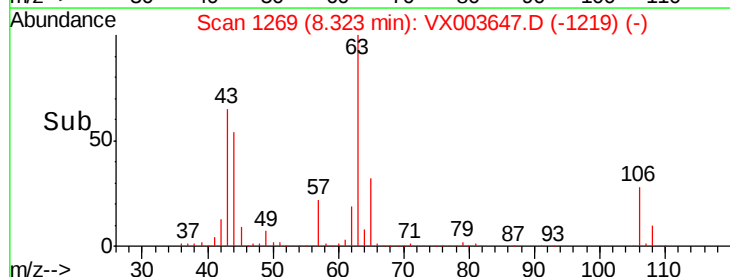
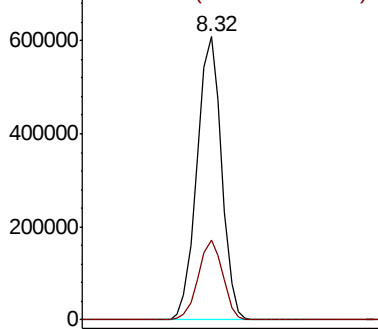
63 100

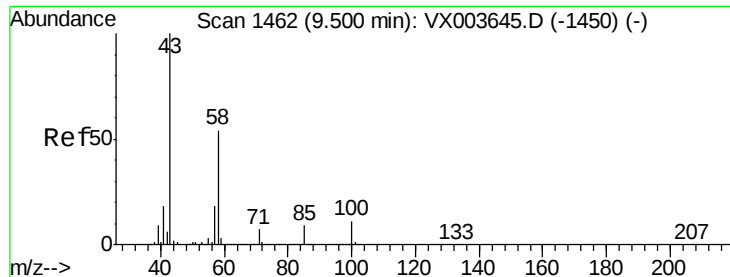
106 28.0 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

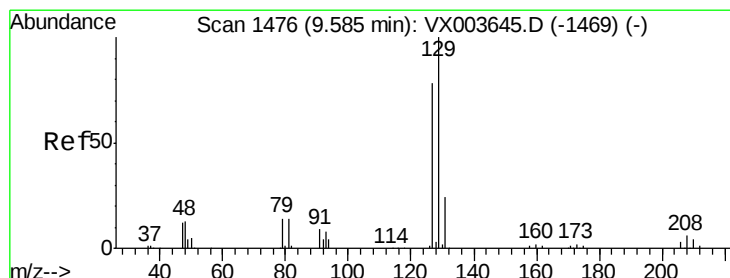
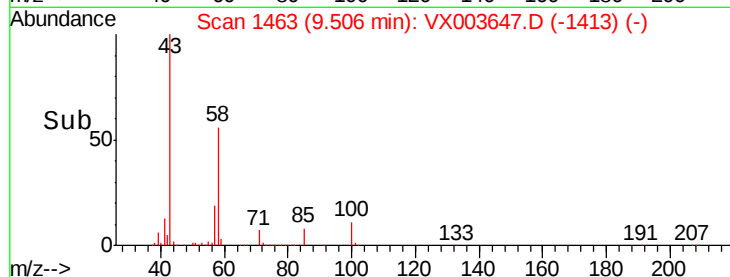
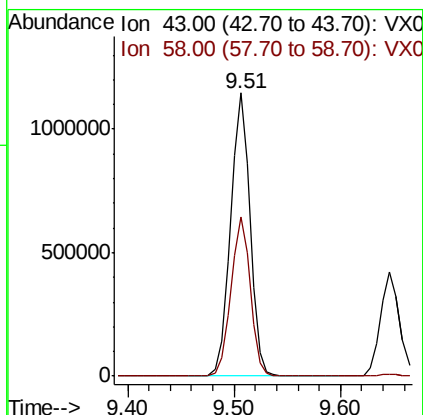
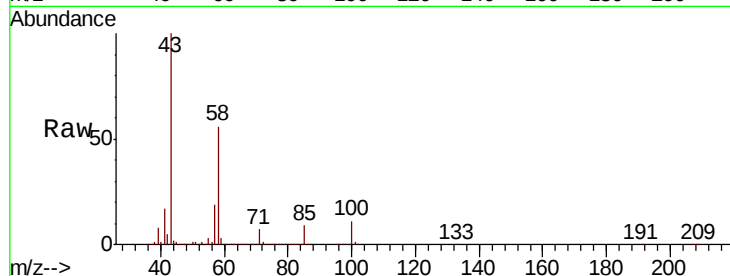




#59  
2-Hexanone  
Concen: 812.625 ug/l  
RT: 9.51 min Scan# 1463  
Delta R.T. 0.01 min  
Lab File: VX003647.D  
Acq: 24 Jul 2018 18:28

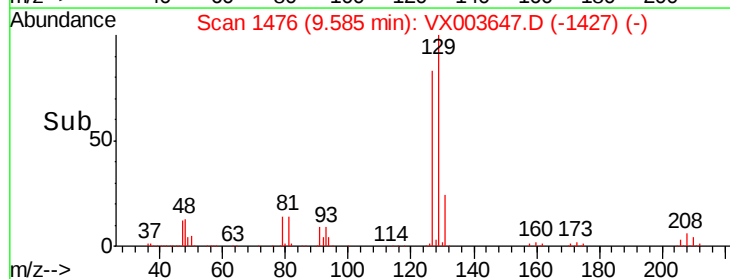
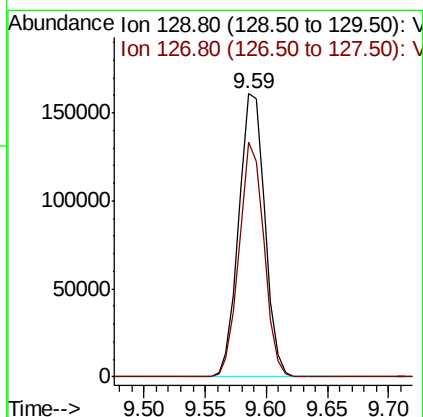
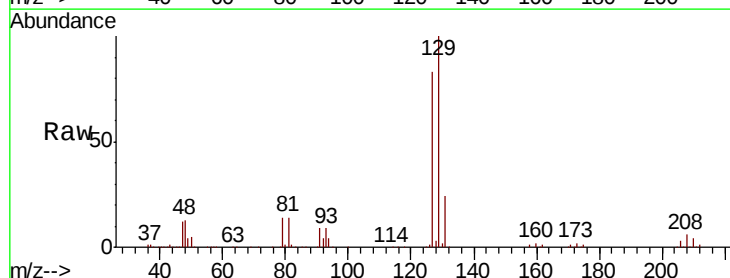
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

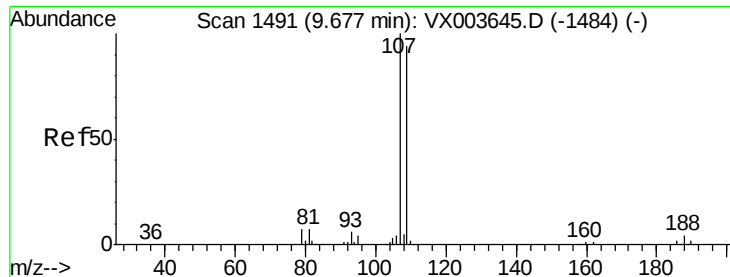
Tgt Ion: 43 Resp: 1476450  
Ion Ratio Lower Upper  
43 100  
58 55.9 27.3 81.9



#60  
Dibromochloromethane  
Concen: 166.126 ug/l  
RT: 9.59 min Scan# 1476  
Delta R.T. 0.00 min  
Lab File: VX003647.D  
Acq: 24 Jul 2018 18:28

Tgt Ion: 129 Resp: 237095  
Ion Ratio Lower Upper  
129 100  
127 78.8 38.7 116.1





#61

1,2-Dibromoethane

Concen: 154.515 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003647.D

Acq: 24 Jul 2018 18:28

Instrument :

MSVOA\_X

ClientSampleId :

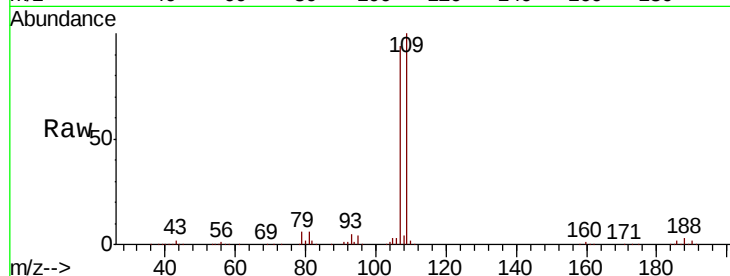
VSTDIC150

Tgt Ion: 107 Resp: 242094

Ion Ratio Lower Upper

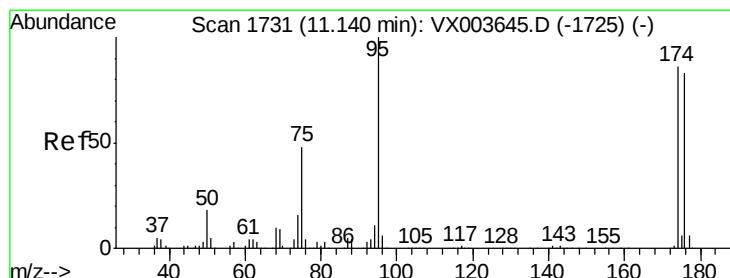
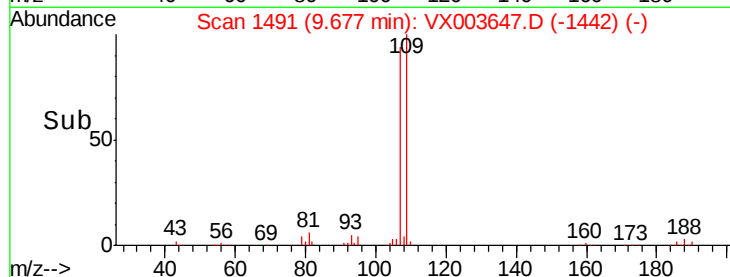
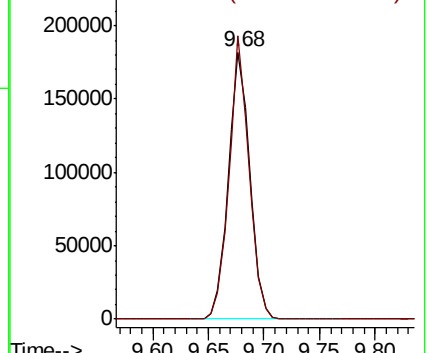
107 100

109 97.9 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: 157.551 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003647.D

Acq: 24 Jul 2018 18:28

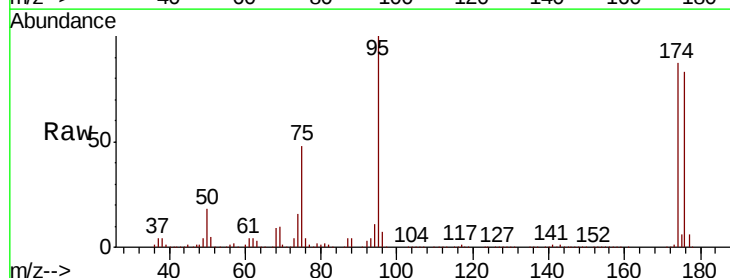
Tgt Ion: 95 Resp: 306933

Ion Ratio Lower Upper

95 100

174 89.8 0.0 179.0

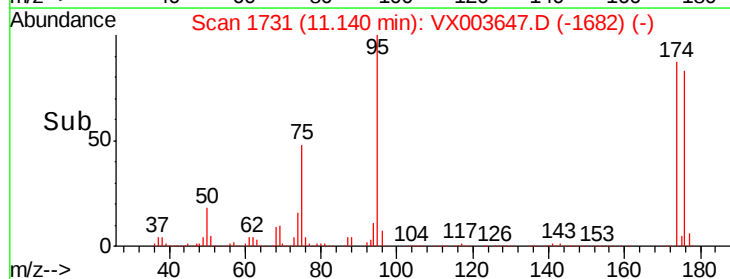
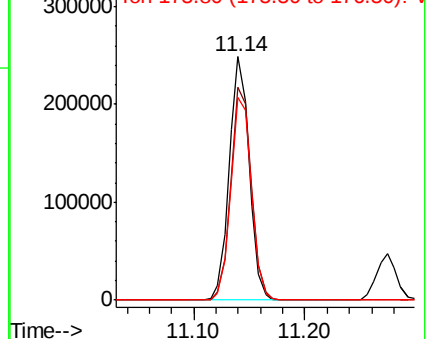
176 86.3 0.0 173.0

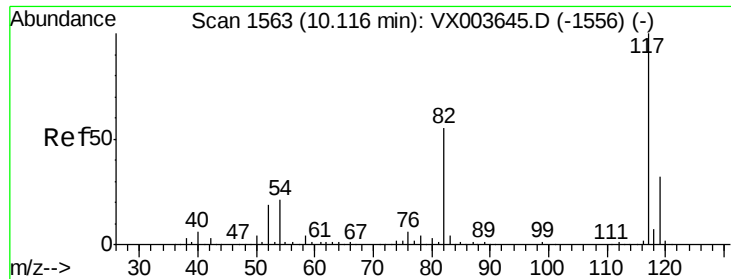


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

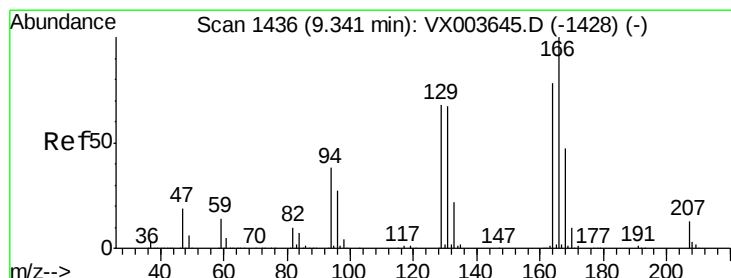
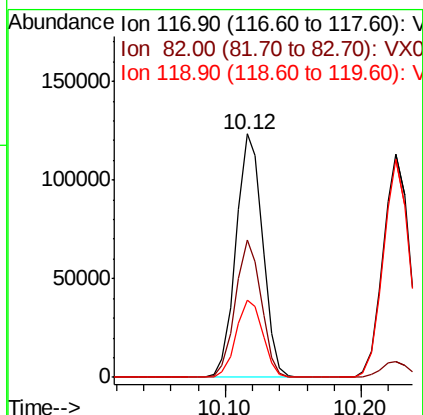
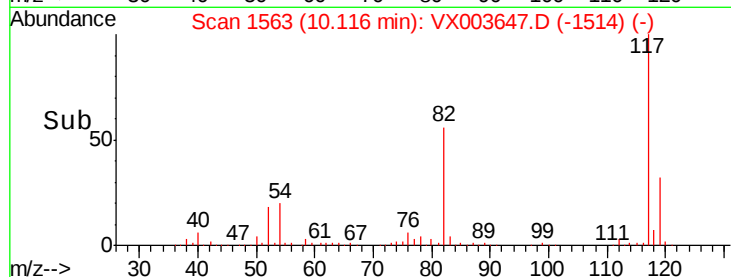
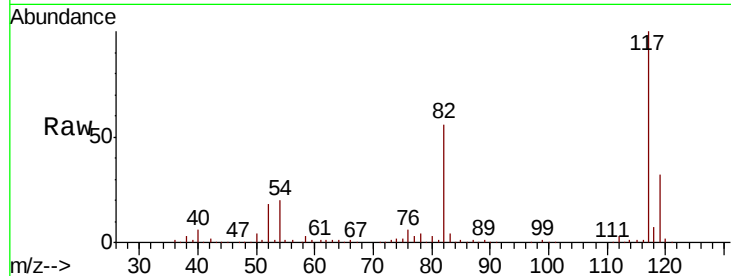




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1563  
Delta R.T. 0.00 min  
Lab File: VX003647.D  
Acq: 24 Jul 2018 18:28

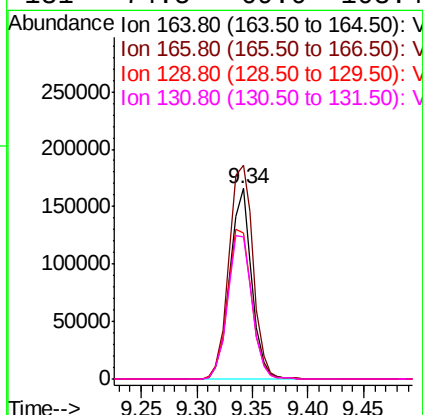
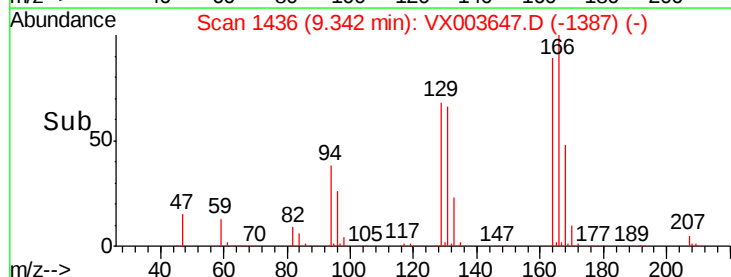
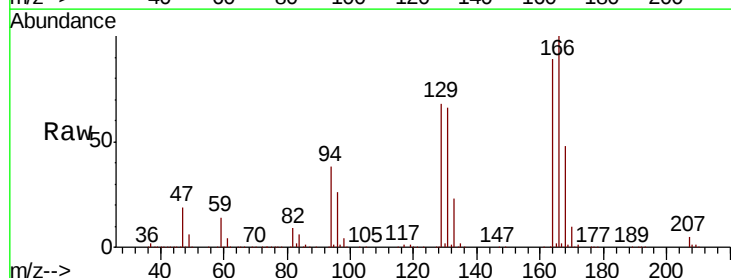
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

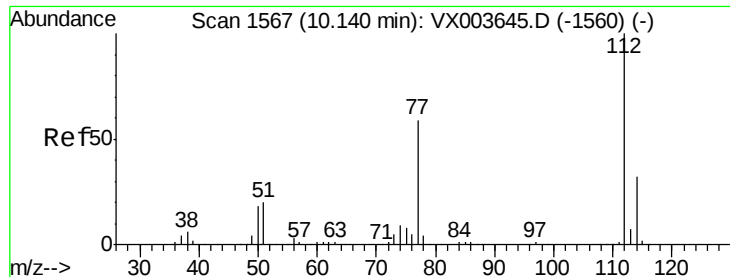
Tgt Ion:117 Resp: 167632  
Ion Ratio Lower Upper  
117 100  
82 56.1 44.3 66.5  
119 31.6 25.6 38.4



#64  
Tetrachloroethene  
Concen: 146.715 ug/l  
RT: 9.34 min Scan# 1436  
Delta R.T. 0.00 min  
Lab File: VX003647.D  
Acq: 24 Jul 2018 18:28

Tgt Ion:164 Resp: 224852  
Ion Ratio Lower Upper  
164 100  
166 112.0 102.4 153.6  
129 76.7 69.6 104.4  
131 74.5 69.0 103.4

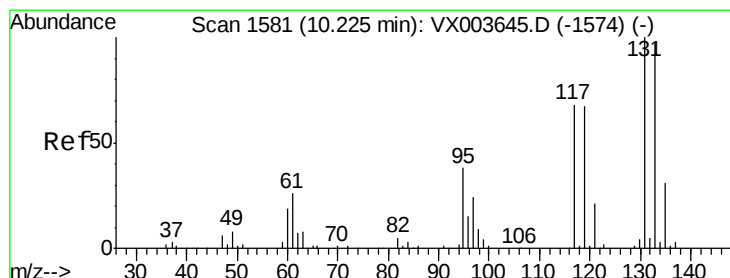
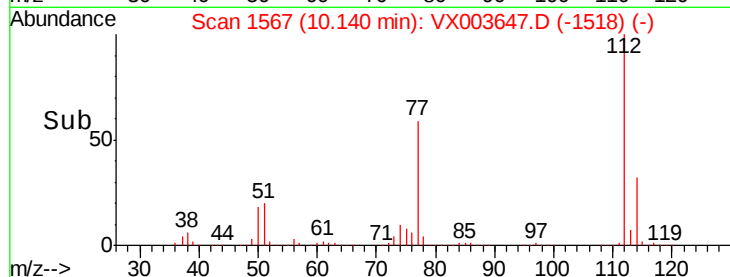
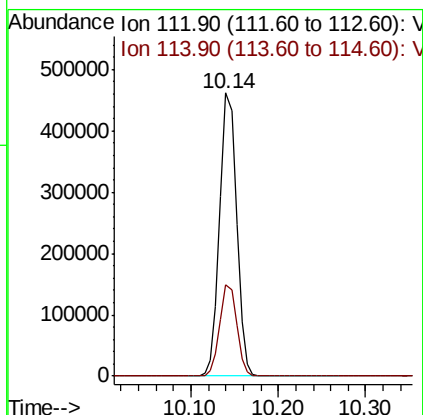
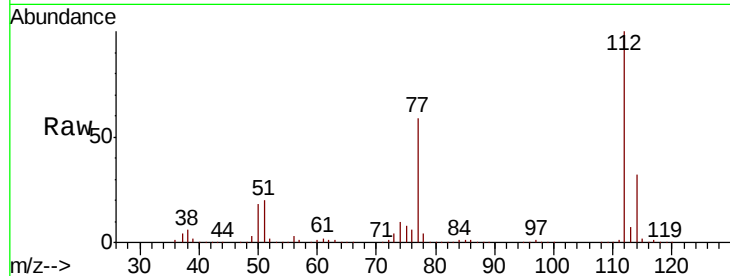




#65  
Chlorobenzene  
Concen: 147.182 ug/l  
RT: 10.14 min Scan# 1567  
Delta R.T. 0.00 min  
Lab File: VX003647.D  
Acq: 24 Jul 2018 18:28

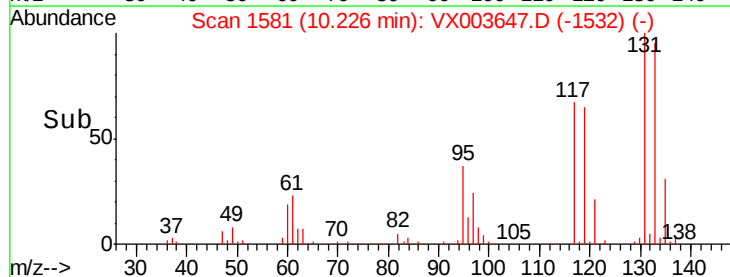
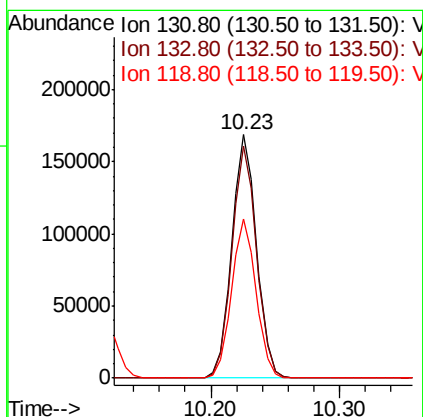
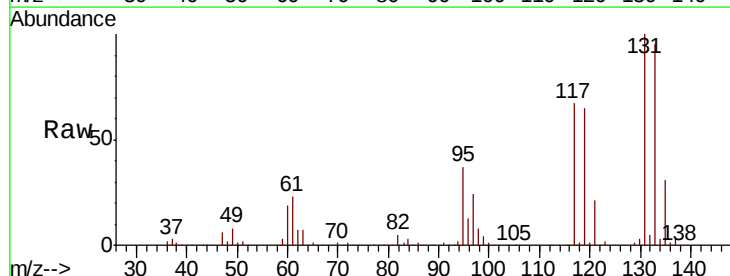
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

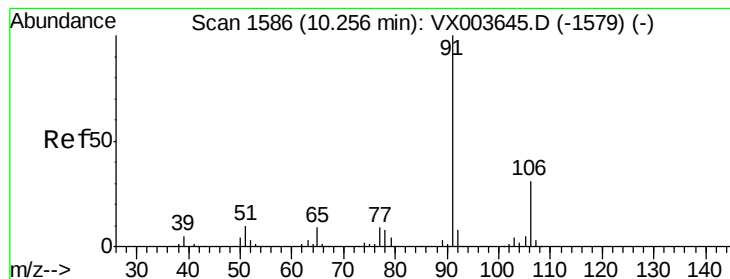
Tgt Ion:112 Resp: 620918  
Ion Ratio Lower Upper  
112 100  
114 32.4 25.8 38.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 154.229 ug/l  
RT: 10.23 min Scan# 1581  
Delta R.T. 0.00 min  
Lab File: VX003647.D  
Acq: 24 Jul 2018 18:28

Tgt Ion:131 Resp: 226201  
Ion Ratio Lower Upper  
131 100  
133 95.1 47.6 142.8  
119 65.0 32.8 98.4





#67

Ethyl Benzene

Concen: 153.395 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003647.D

Acq: 24 Jul 2018 18:28

Instrument :

MSVOA\_X

ClientSampled :

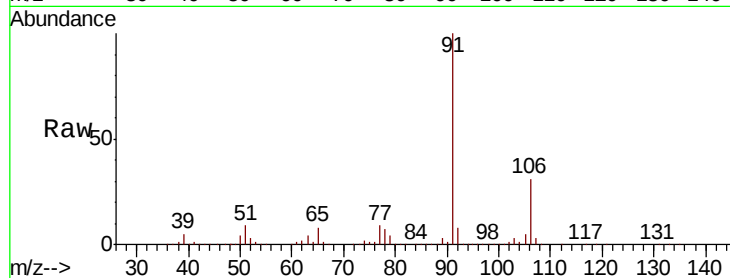
VSTDICC150

Tgt Ion: 91 Resp: 1083239

Ion Ratio Lower Upper

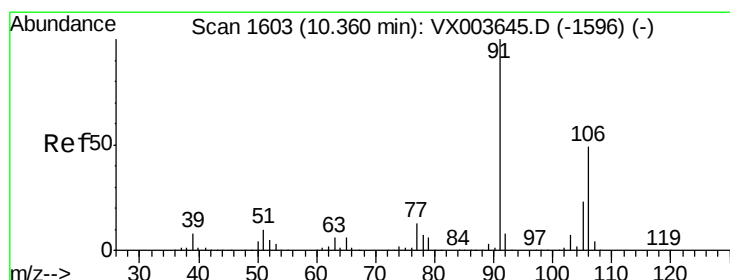
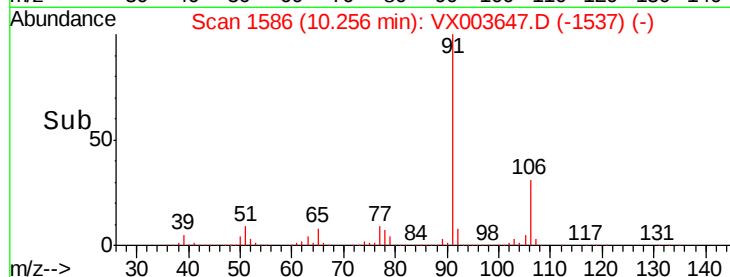
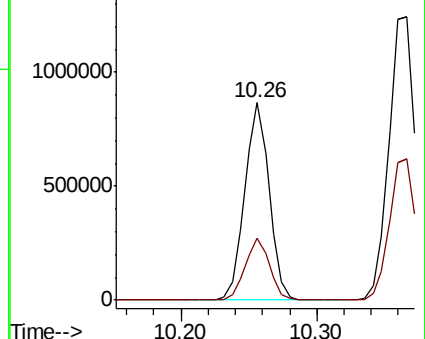
91 100

106 31.3 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 310.869 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.01 min

Lab File: VX003647.D

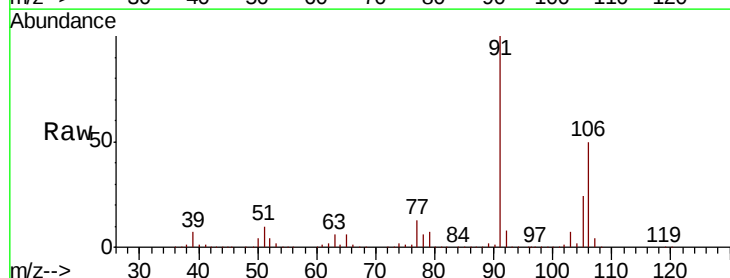
Acq: 24 Jul 2018 18:28

Tgt Ion: 106 Resp: 842175

Ion Ratio Lower Upper

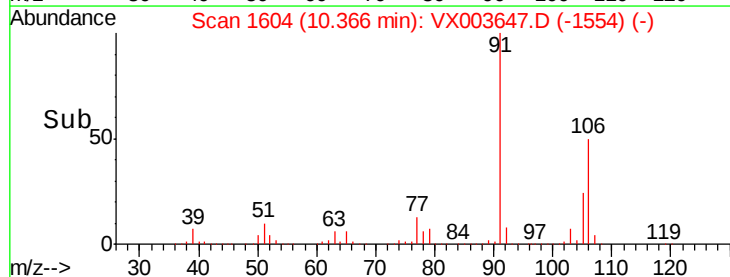
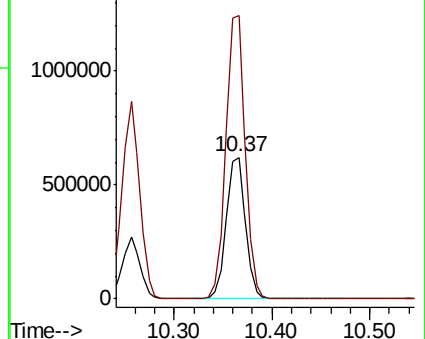
106 100

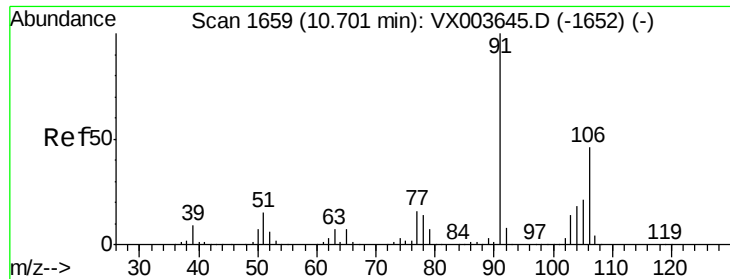
91 201.7 162.2 243.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

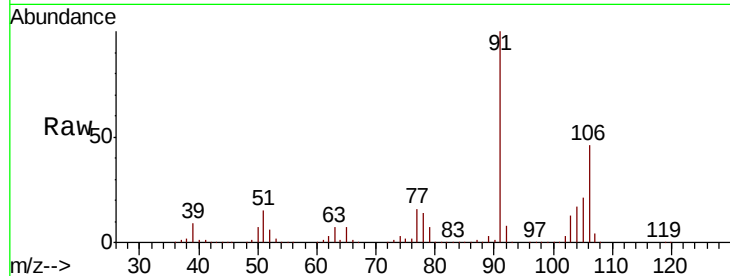




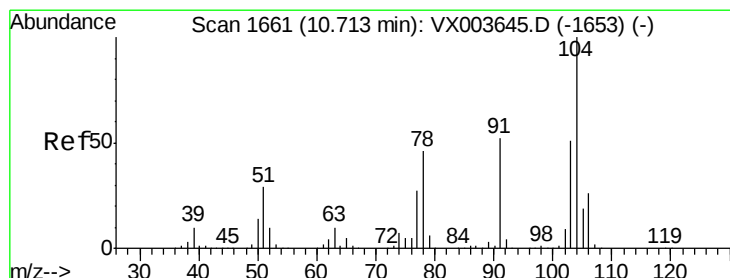
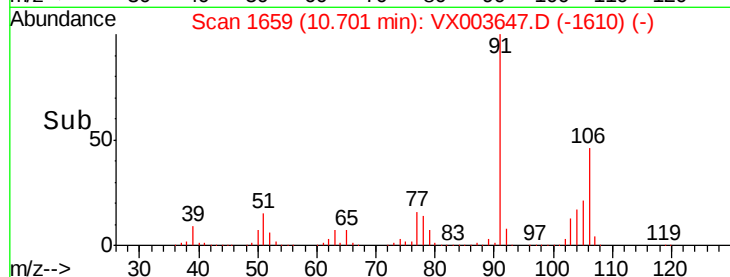
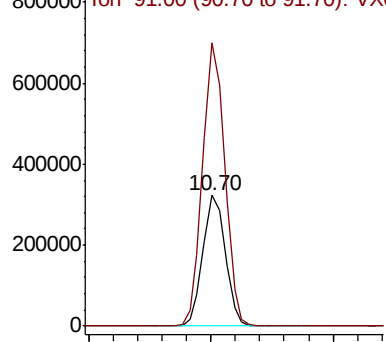
#69  
o-Xylene  
Concen: 157.109 ug/l  
RT: 10.70 min Scan# 1659  
Delta R.T. 0.00 min  
Lab File: VX003647.D  
Acq: 24 Jul 2018 18:28

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

Tgt Ion:106 Resp: 409745  
Ion Ratio Lower Upper  
106 100  
91 214.7 107.1 321.1

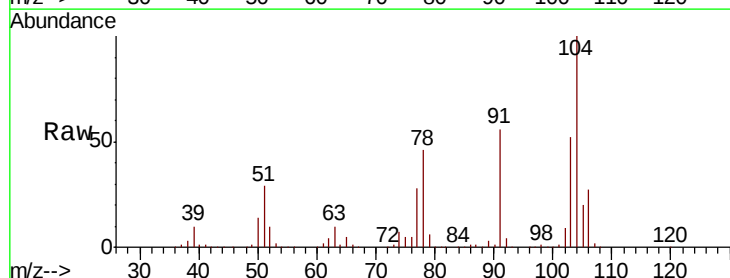


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VX0

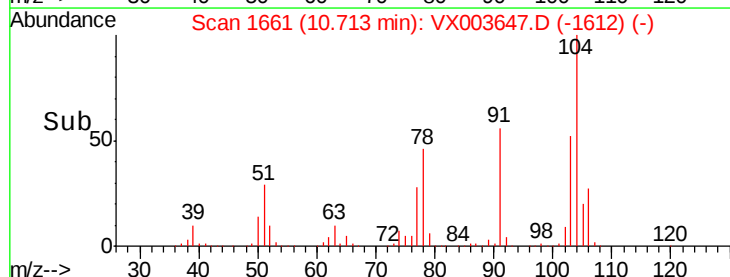
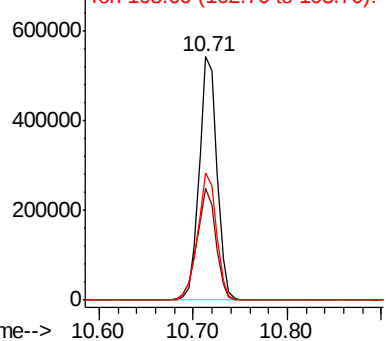


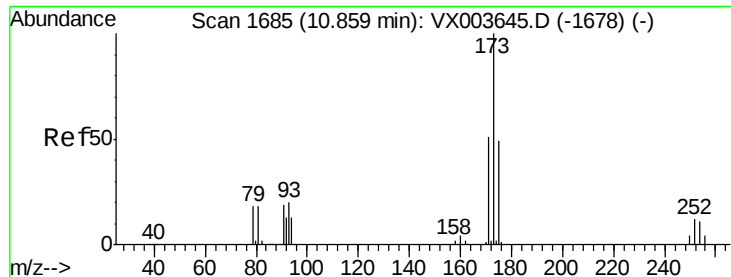
#70  
Styrene  
Concen: 161.965 ug/l  
RT: 10.71 min Scan# 1661  
Delta R.T. 0.00 min  
Lab File: VX003647.D  
Acq: 24 Jul 2018 18:28

Tgt Ion:104 Resp: 709569  
Ion Ratio Lower Upper  
104 100  
78 48.9 39.2 58.8  
103 55.5 44.2 66.4



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





#71

Bromoform

Concen: 175.786 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003647.D

Acq: 24 Jul 2018 18:28

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

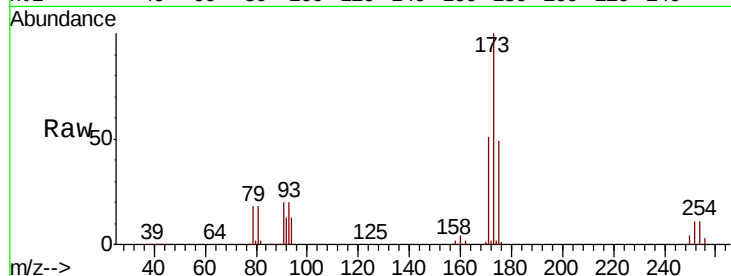
Tgt Ion:173 Resp: 203869

Ion Ratio Lower Upper

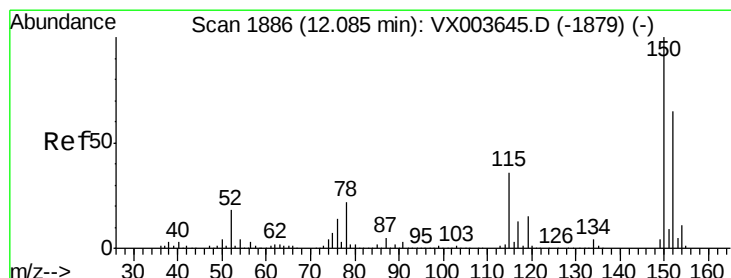
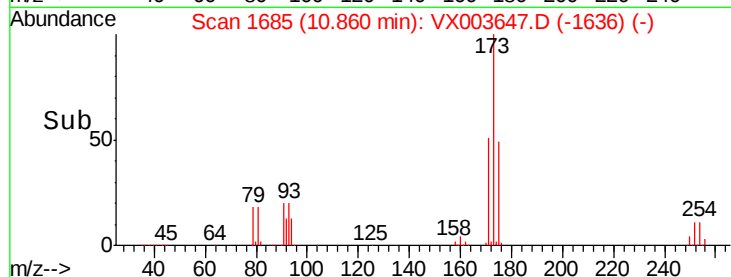
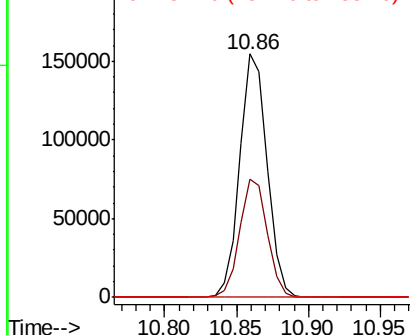
173 100

175 49.0 24.1 72.2

254 0.2 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: VX003647.D

Acq: 24 Jul 2018 18:28

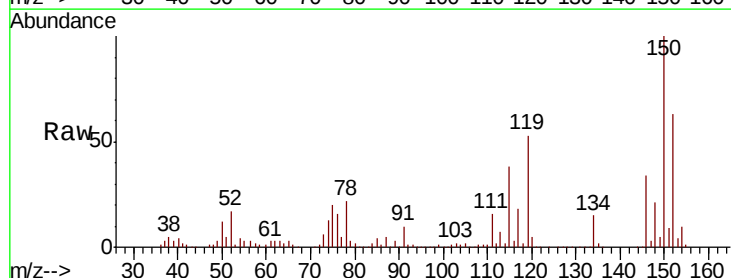
Tgt Ion:152 Resp: 110049

Ion Ratio Lower Upper

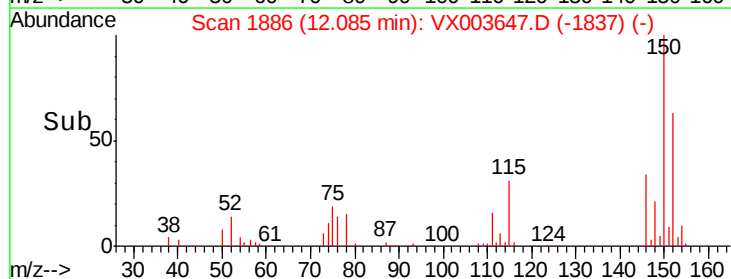
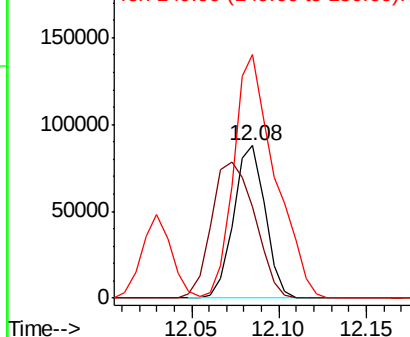
152 100

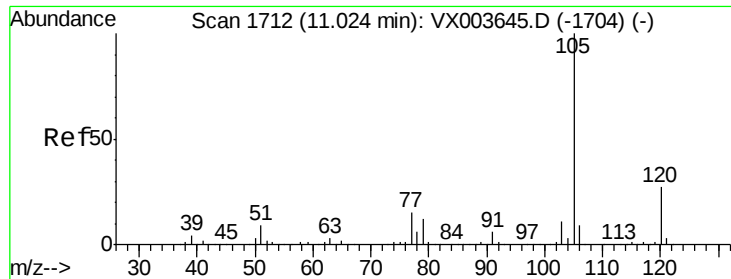
115 123.1 40.0 119.9#

150 208.5 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: 144.523 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX003647.D

Acq: 24 Jul 2018 18:28

Instrument :

MSVOA\_X

ClientSampleId :

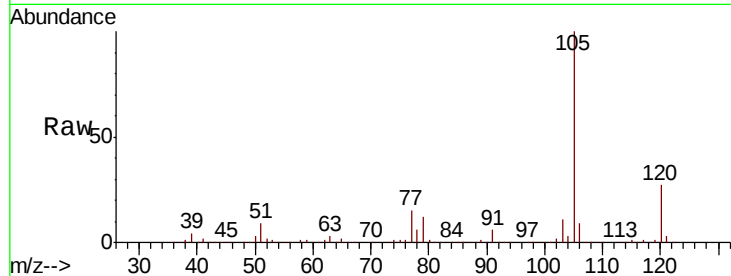
VSTDIC150

Tgt Ion:105 Resp: 1086649

Ion Ratio Lower Upper

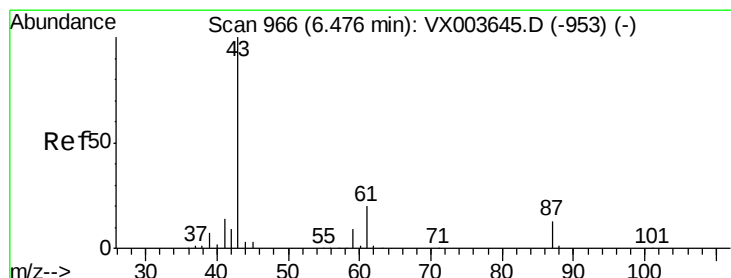
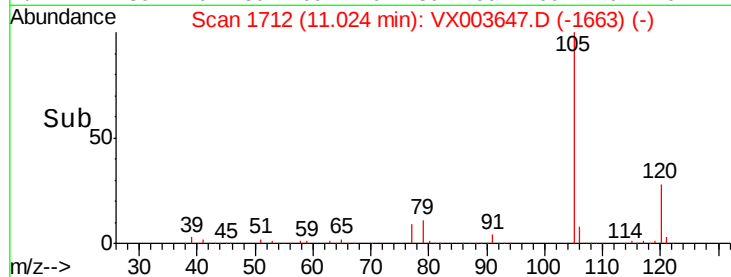
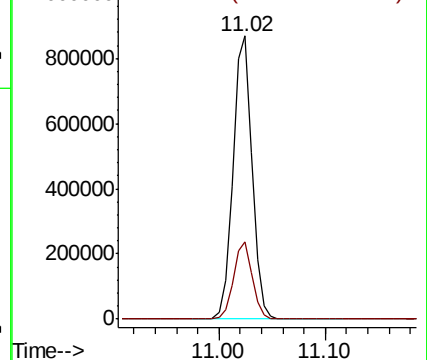
105 100

120 26.9 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: 139.219 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX003647.D

Acq: 24 Jul 2018 18:28

Tgt Ion: 43 Resp: 545945

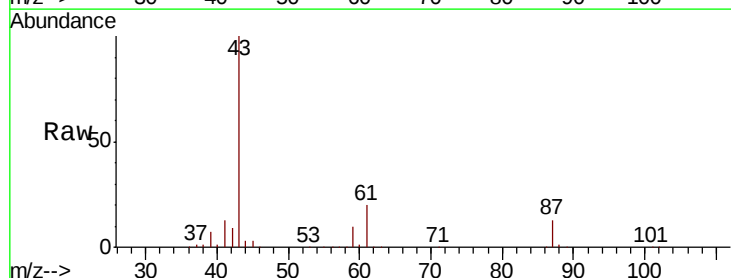
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 20.0 15.9 23.9

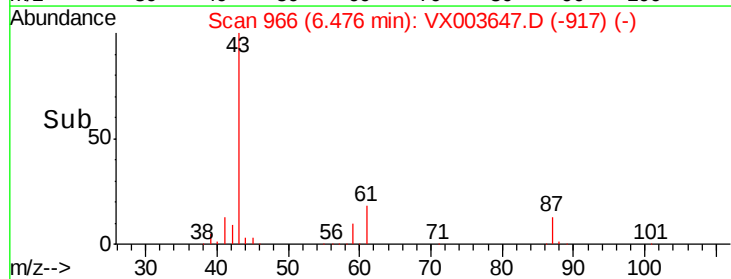
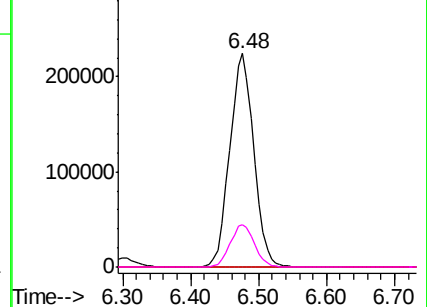


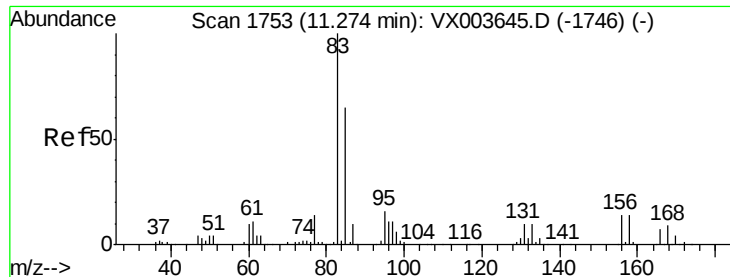
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 142.126 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX003647.D

Acq: 24 Jul 2018 18:28

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

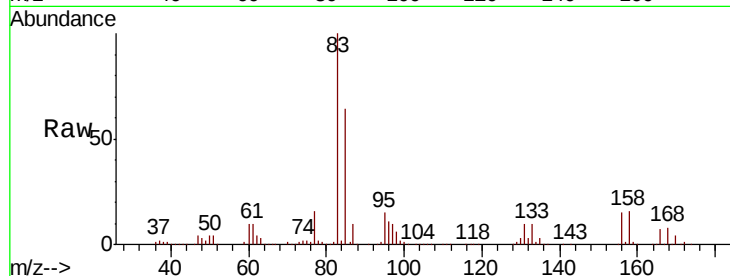
Tgt Ion: 83 Resp: 394628

Ion Ratio Lower Upper

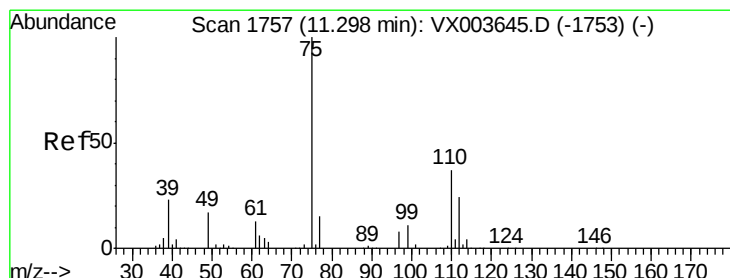
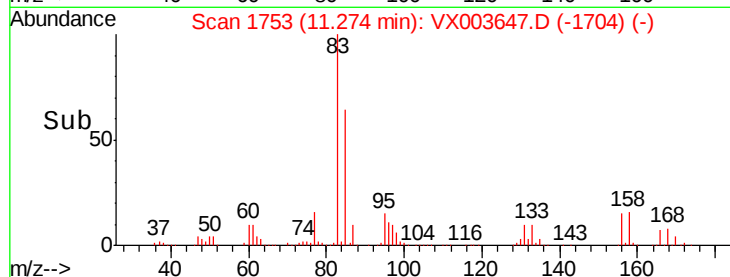
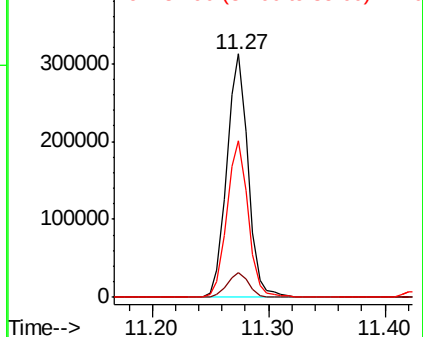
83 100

131 10.3 5.1 15.4

85 64.4 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0  
Ion 130.80 (130.50 to 131.50): V  
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 203.077 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003647.D

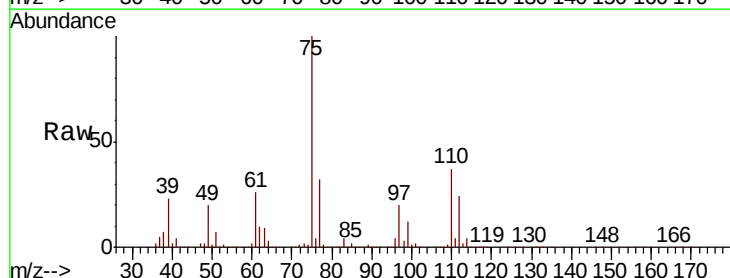
Acq: 24 Jul 2018 18:28

Tgt Ion: 75 Resp: 468752

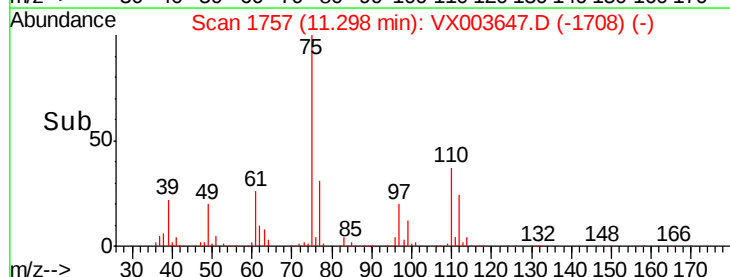
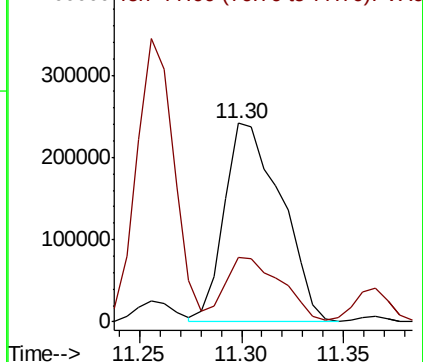
Ion Ratio Lower Upper

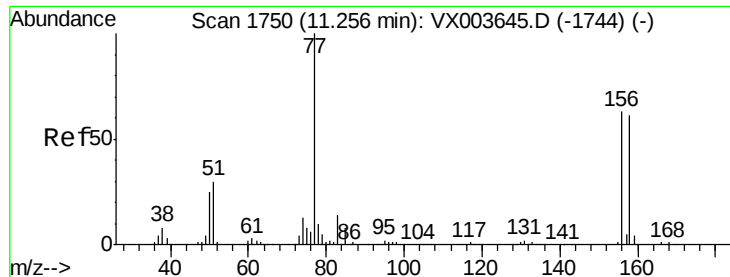
75 100

77 32.0 21.6 64.6



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





#77

Bromobenzene

Concen: 143.201 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.01 min

Lab File: VX003647.D

Acq: 24 Jul 2018 18:28

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

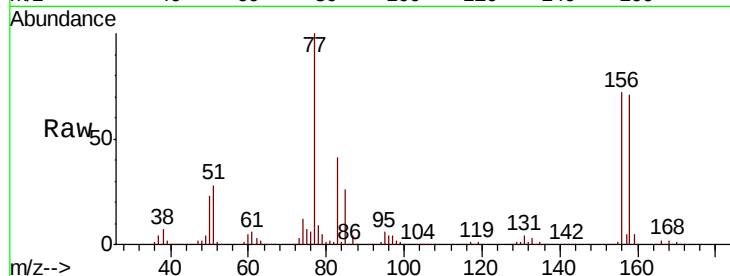
Tgt Ion:156 Resp: 292439

Ion Ratio Lower Upper

156 100

77 149.9 74.9 224.6

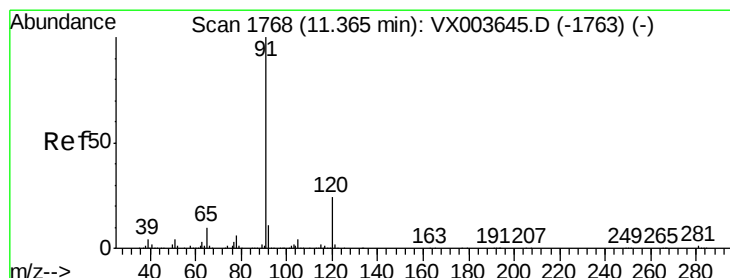
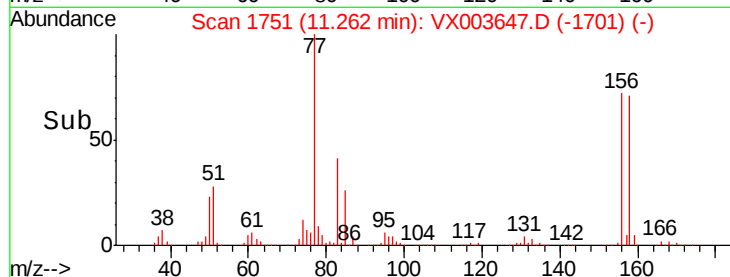
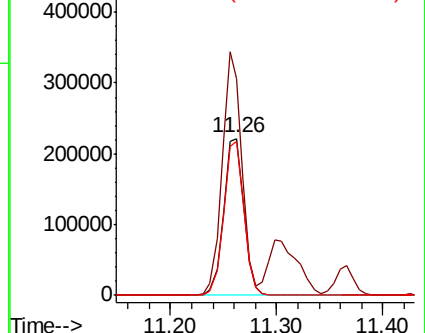
158 97.9 48.4 145.2



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: 146.881 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX003647.D

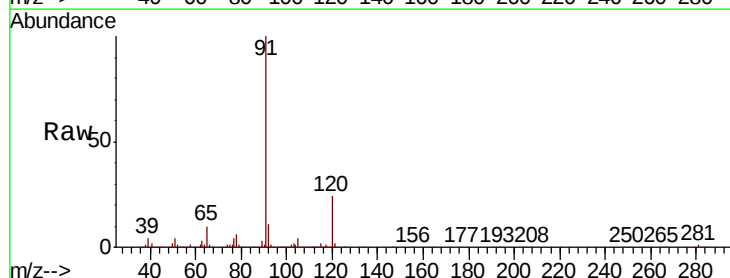
Acq: 24 Jul 2018 18:28

Tgt Ion: 91 Resp: 1275228

Ion Ratio Lower Upper

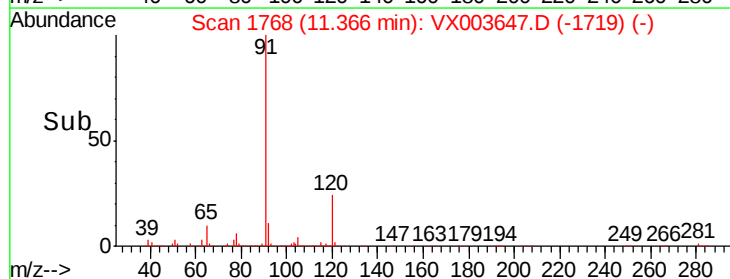
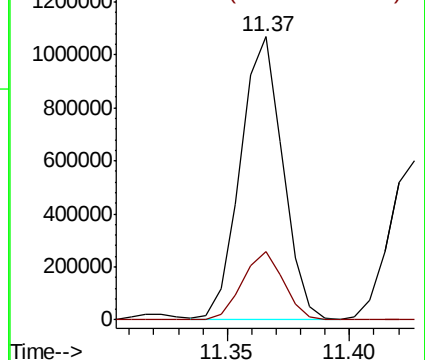
91 100

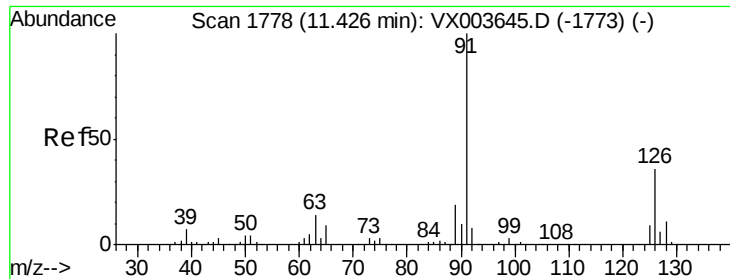
120 23.8 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

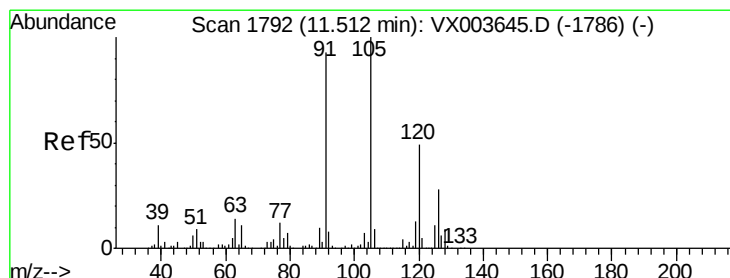
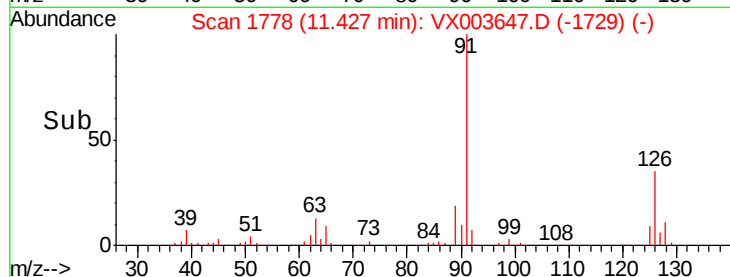
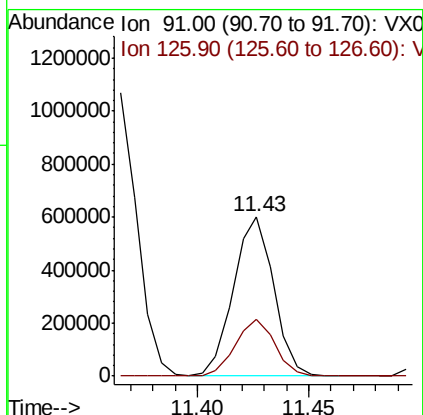
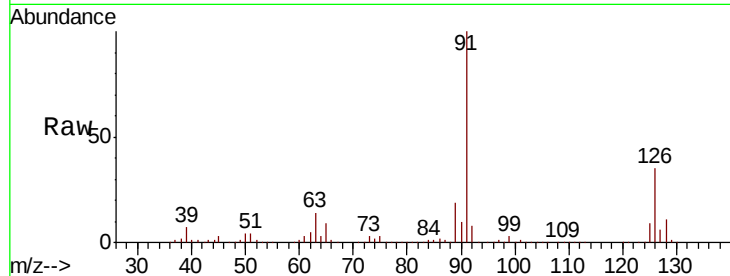




#79  
 2-Chlorotoluene  
 Concen: 142.821 ug/l  
 RT: 11.43 min Scan# 1778  
 Delta R.T. 0.00 min  
 Lab File: VX003647.D  
 Acq: 24 Jul 2018 18:28

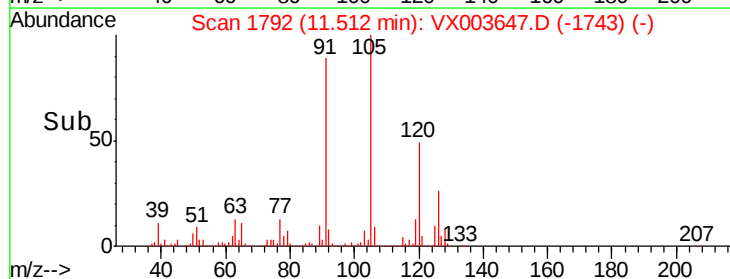
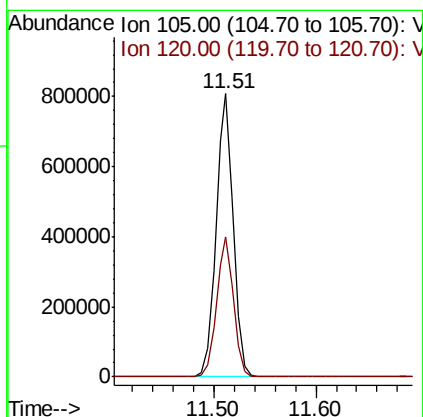
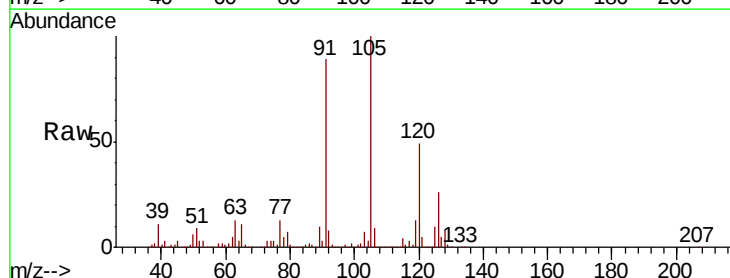
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

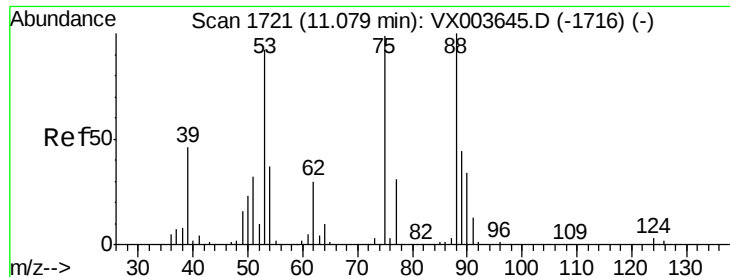
Tgt Ion: 91 Resp: 753656  
 Ion Ratio Lower Upper  
 91 100  
 126 35.0 17.3 52.0



#80  
 1,3,5-Trimethylbenzene  
 Concen: 149.857 ug/l  
 RT: 11.51 min Scan# 1792  
 Delta R.T. 0.00 min  
 Lab File: VX003647.D  
 Acq: 24 Jul 2018 18:28

Tgt Ion: 105 Resp: 953284  
 Ion Ratio Lower Upper  
 105 100  
 120 49.1 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 173.153 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003647.D

Acq: 24 Jul 2018 18:28

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

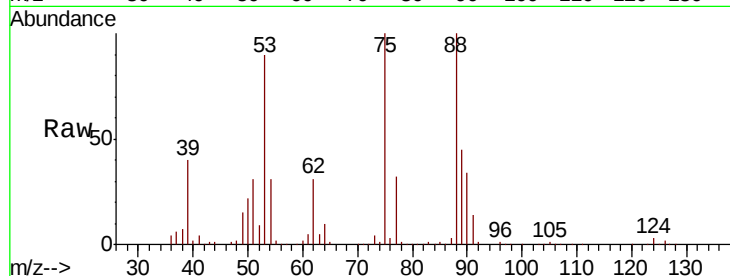
Tgt Ion: 75 Resp: 129001

Ion Ratio Lower Upper

75 100

53 90.5 77.8 116.8

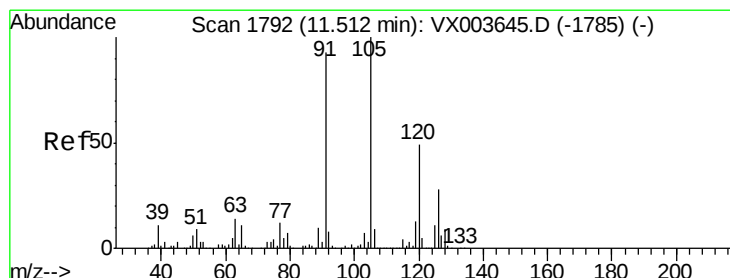
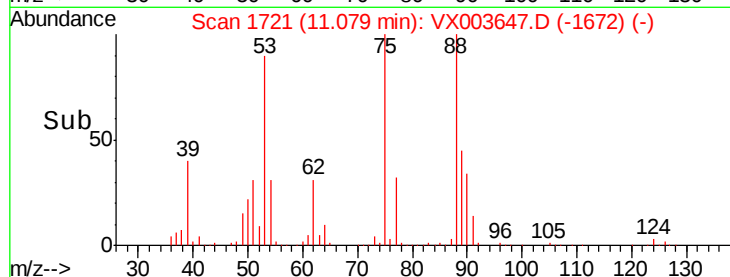
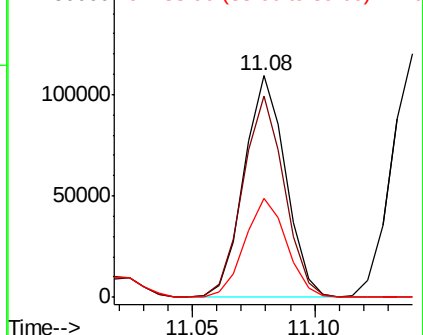
89 45.0 36.6 54.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 146.420 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003647.D

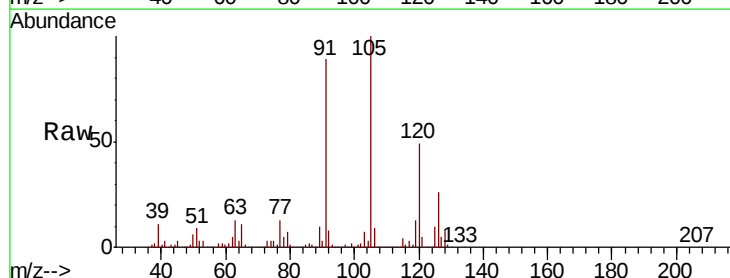
Acq: 24 Jul 2018 18:28

Tgt Ion: 91 Resp: 910141

Ion Ratio Lower Upper

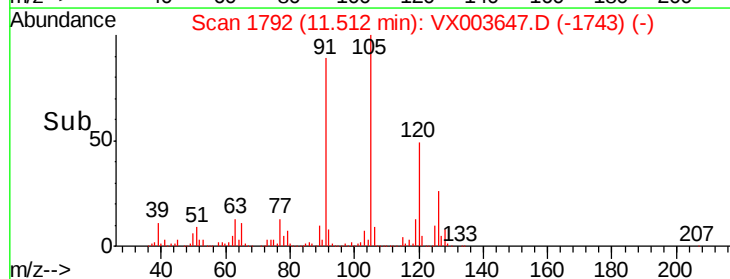
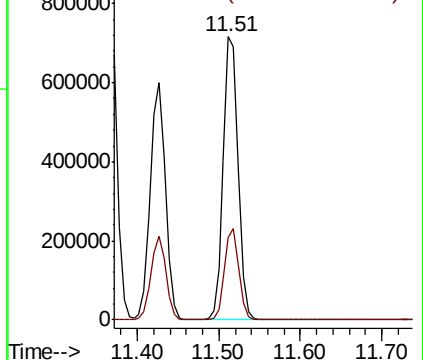
91 100

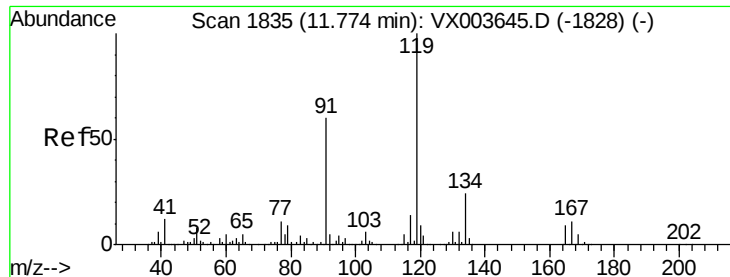
126 31.0 15.4 46.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

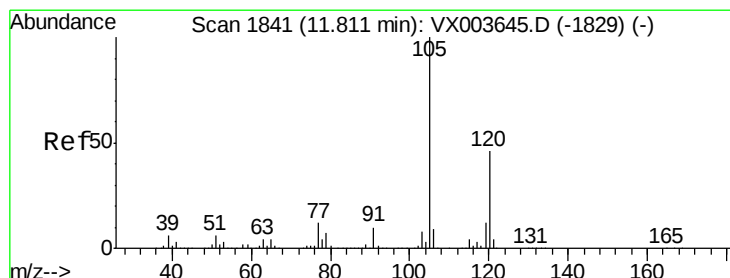
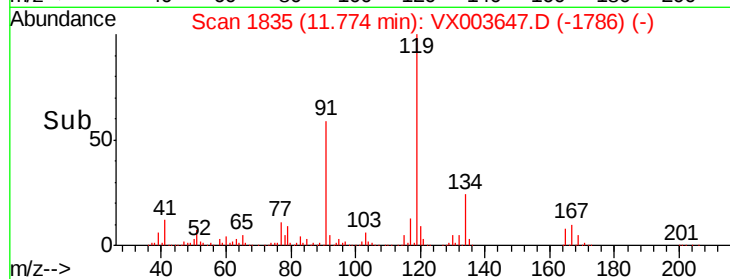
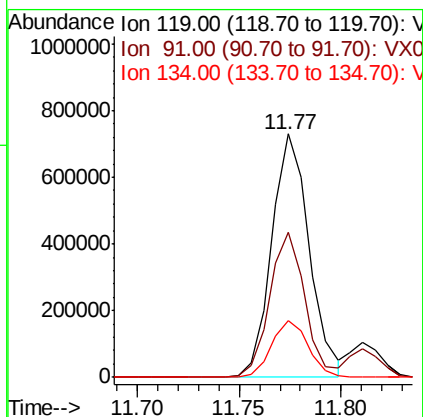
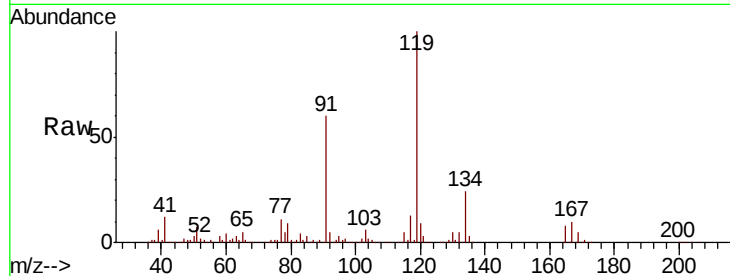




#83  
 tert-Butylbenzene  
 Concen: 150.882 ug/l  
 RT: 11.77 min Scan# 1835  
 Delta R.T. 0.00 min  
 Lab File: VX003647.D  
 Acq: 24 Jul 2018 18:28

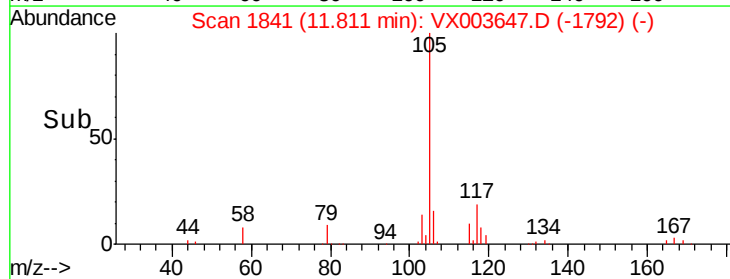
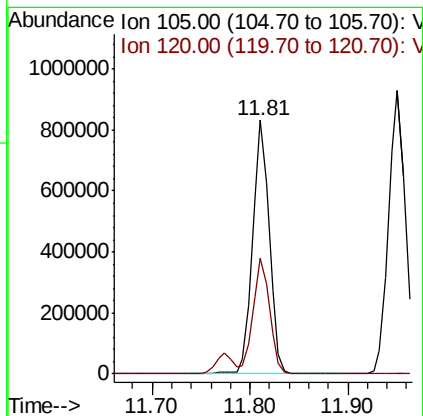
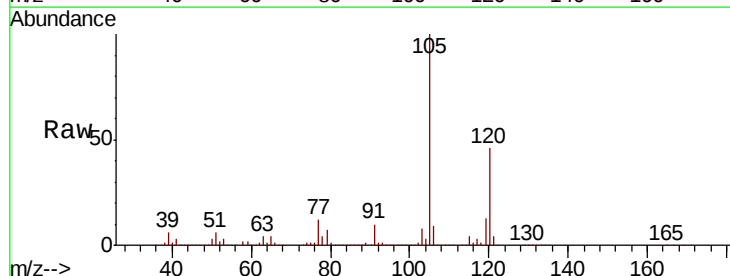
Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDIC150

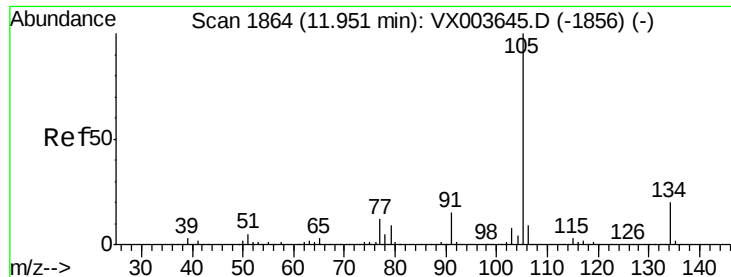
Tgt Ion:119 Resp: 939185  
 Ion Ratio Lower Upper  
 119 100  
 91 56.0 28.4 85.2  
 134 22.9 11.6 34.8



#84  
 1,2,4-Trimethylbenzene  
 Concen: 149.968 ug/l  
 RT: 11.81 min Scan# 1841  
 Delta R.T. 0.00 min  
 Lab File: VX003647.D  
 Acq: 24 Jul 2018 18:28

Tgt Ion:105 Resp: 980471  
 Ion Ratio Lower Upper  
 105 100  
 120 45.8 22.6 67.8

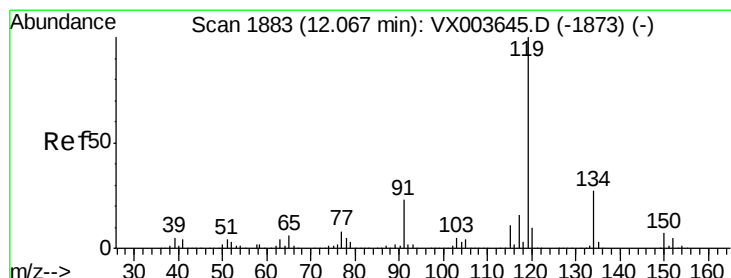
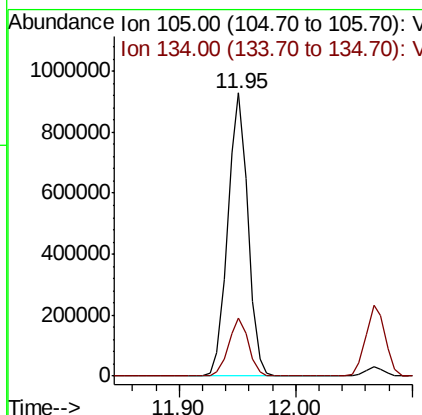
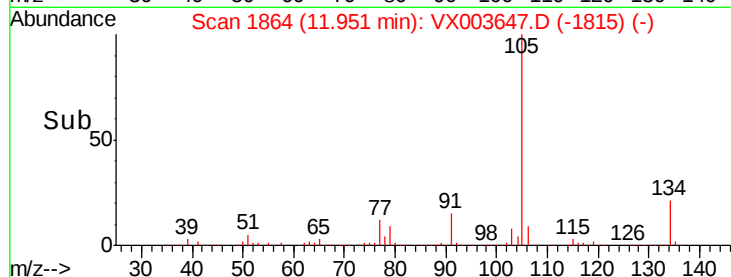
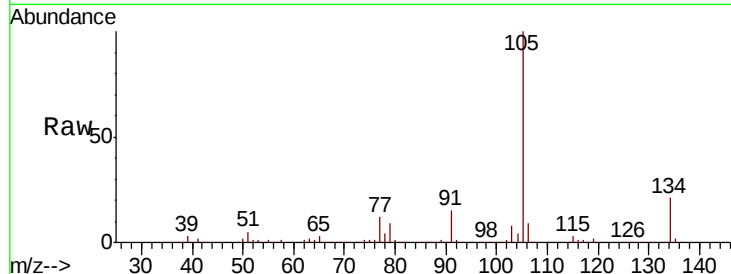




#85  
 sec-Butylbenzene  
 Concen: 149.242 ug/l  
 RT: 11.95 min Scan# 1864  
 Delta R.T. 0.00 min  
 Lab File: VX003647.D  
 Acq: 24 Jul 2018 18:28

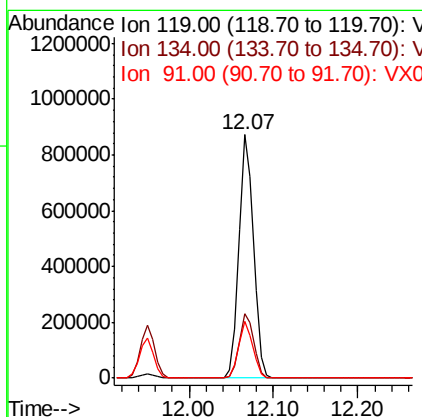
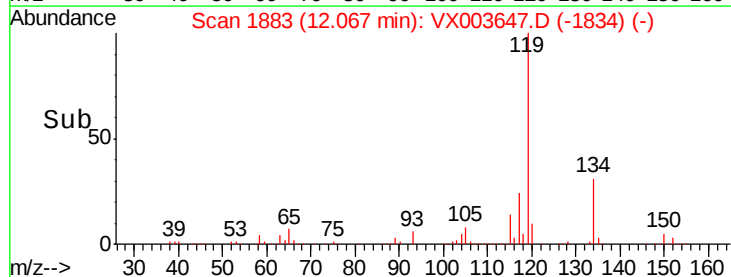
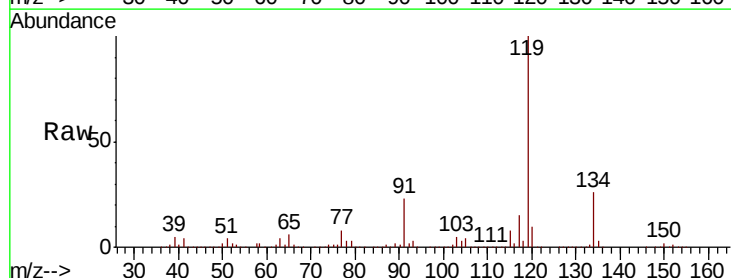
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

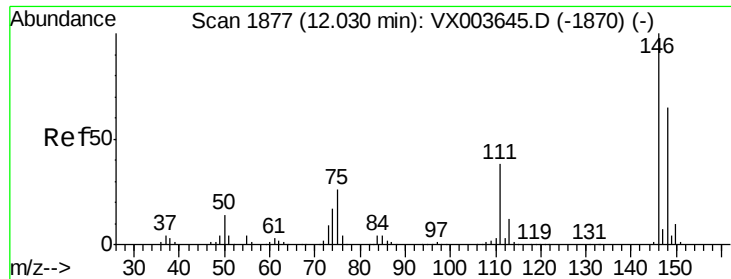
Tgt Ion:105 Resp: 1108787  
 Ion Ratio Lower Upper  
 105 100  
 134 20.3 10.1 30.1



#86  
 p-Isopropyltoluene  
 Concen: 150.701 ug/l  
 RT: 12.07 min Scan# 1883  
 Delta R.T. 0.00 min  
 Lab File: VX003647.D  
 Acq: 24 Jul 2018 18:28

Tgt Ion:119 Resp: 1004921  
 Ion Ratio Lower Upper  
 119 100  
 134 26.5 13.3 39.9  
 91 22.7 11.5 34.5

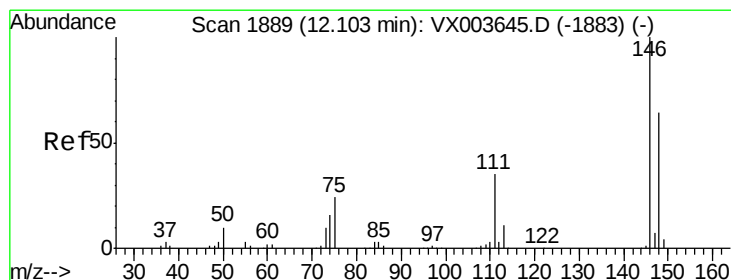
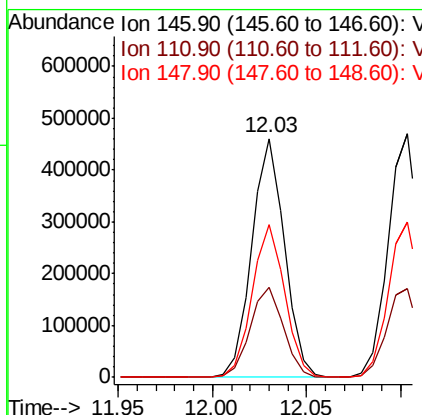
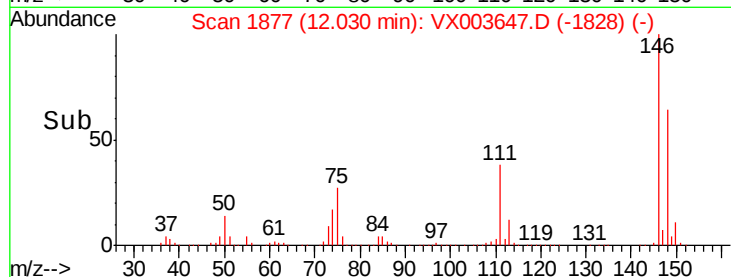
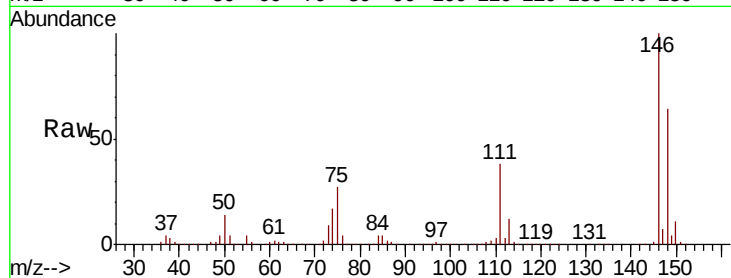




#87  
 1,3-Dichlorobenzene  
 Concen: 145.649 ug/l  
 RT: 12.03 min Scan# 1877  
 Delta R.T. 0.00 min  
 Lab File: VX003647.D  
 Acq: 24 Jul 2018 18:28

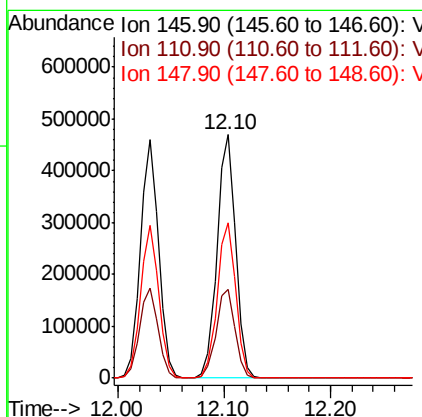
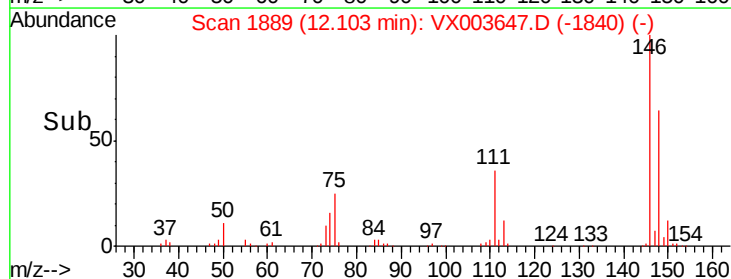
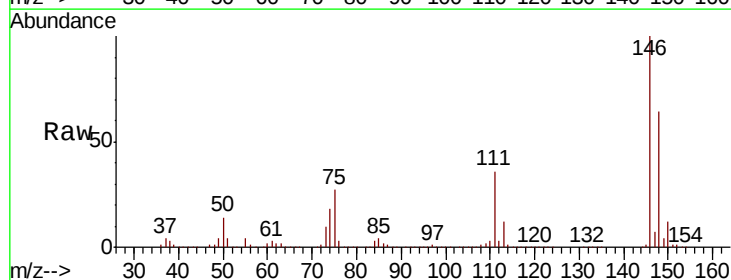
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

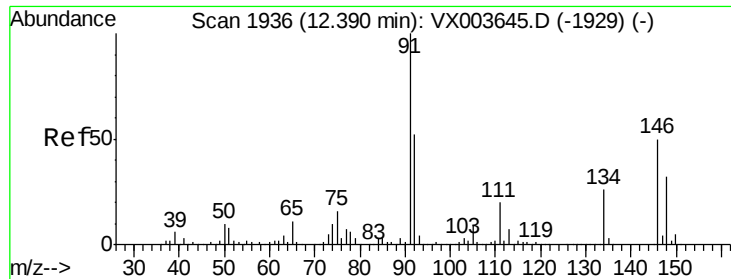
Tgt Ion:146 Resp: 553937  
 Ion Ratio Lower Upper  
 146 100  
 111 38.2 19.4 58.2  
 148 64.0 32.4 97.0



#88  
 1,4-Dichlorobenzene  
 Concen: 143.365 ug/l  
 RT: 12.10 min Scan# 1889  
 Delta R.T. 0.00 min  
 Lab File: VX003647.D  
 Acq: 24 Jul 2018 18:28

Tgt Ion:146 Resp: 566885  
 Ion Ratio Lower Upper  
 146 100  
 111 37.0 18.6 55.6  
 148 63.9 32.0 96.2

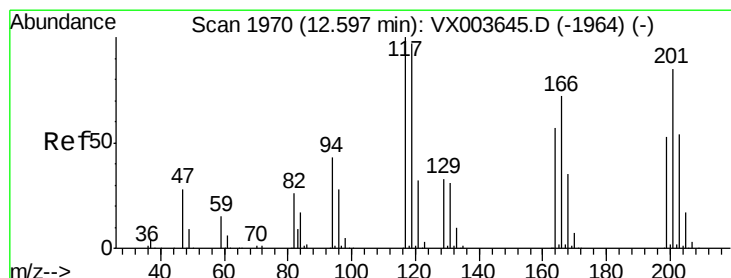
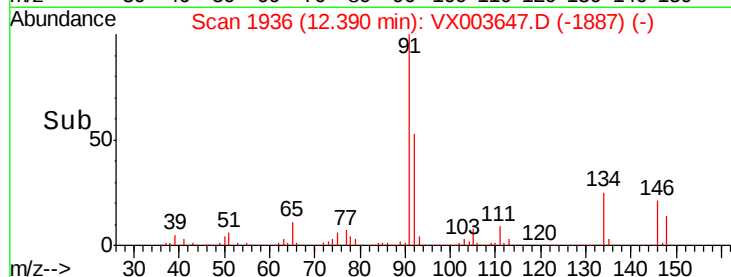
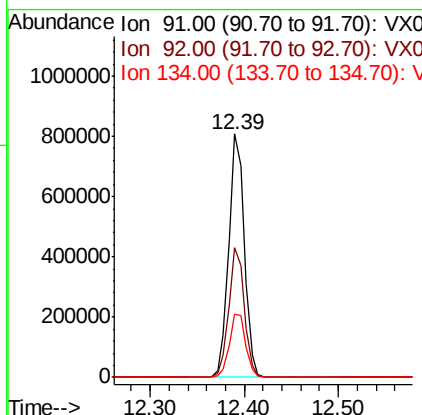
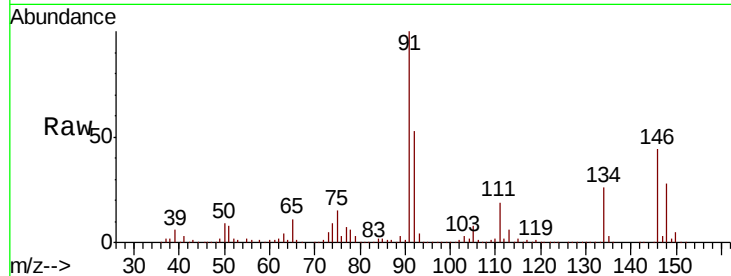




#89  
n-Butylbenzene  
Concen: 154.726 ug/l  
RT: 12.39 min Scan# 1936  
Delta R.T. 0.00 min  
Lab File: VX003647.D  
Acq: 24 Jul 2018 18:28

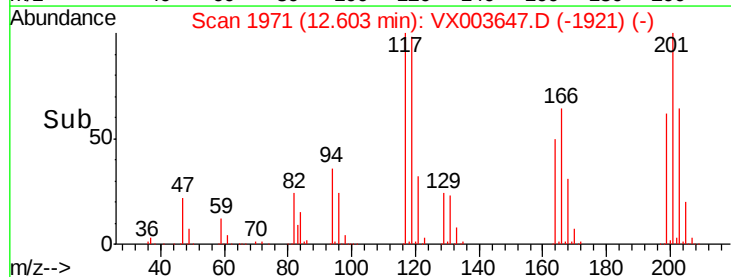
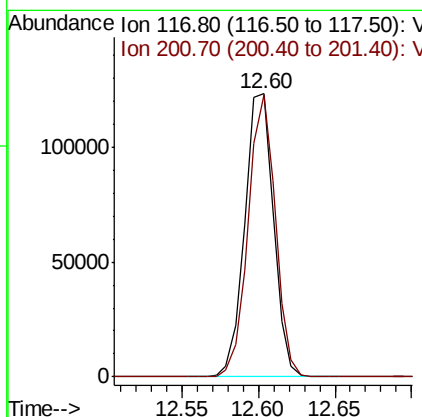
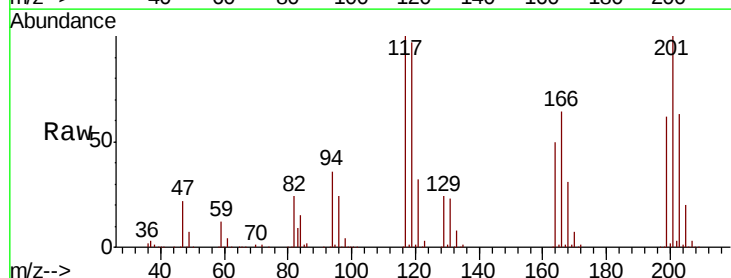
Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDIC150

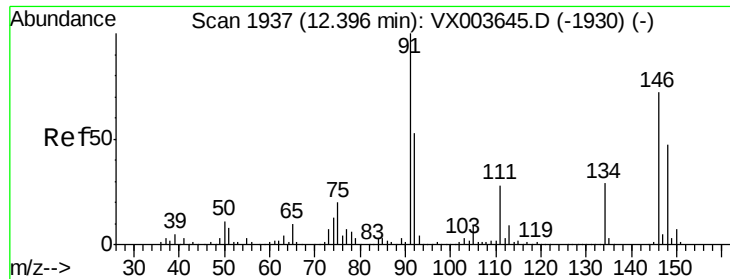
Tgt Ion: 91 Resp: 929945  
Ion Ratio Lower Upper  
91 100  
92 52.8 26.3 78.9  
134 26.8 13.3 39.8



#90  
Hexachloroethane  
Concen: 159.837 ug/l  
RT: 12.60 min Scan# 1971  
Delta R.T. 0.01 min  
Lab File: VX003647.D  
Acq: 24 Jul 2018 18:28

Tgt Ion: 117 Resp: 161416  
Ion Ratio Lower Upper  
117 100  
201 93.8 46.2 138.5

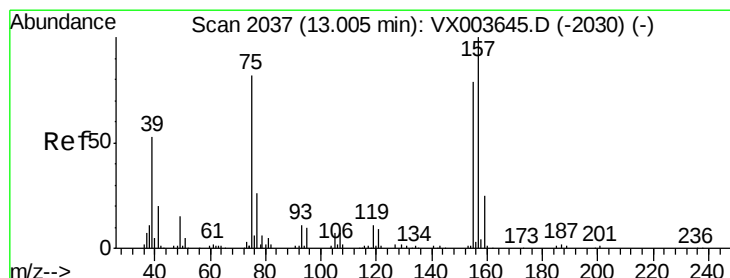
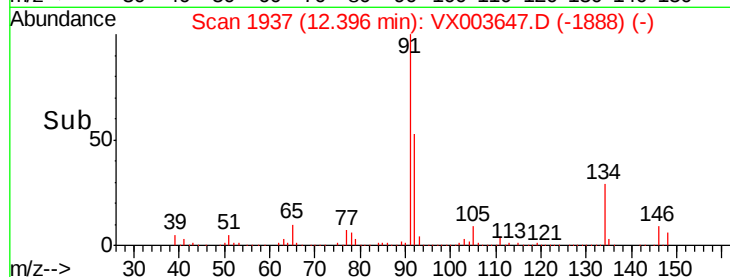
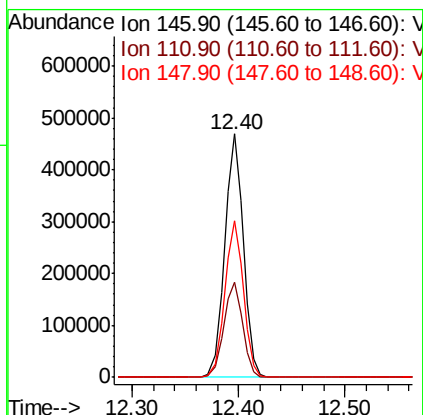
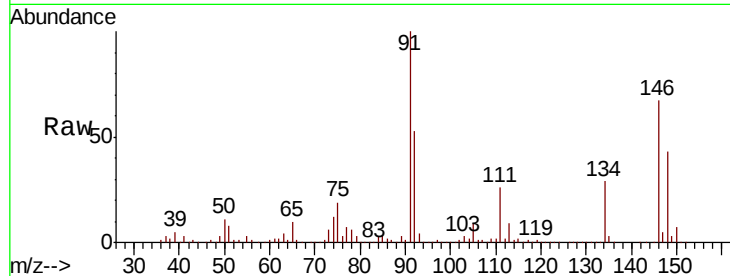




#91  
 1,2-Dichlorobenzene  
 Concen: 147.381 ug/l  
 RT: 12.40 min Scan# 1937  
 Delta R.T. 0.00 min  
 Lab File: VX003647.D  
 Acq: 24 Jul 2018 18:28

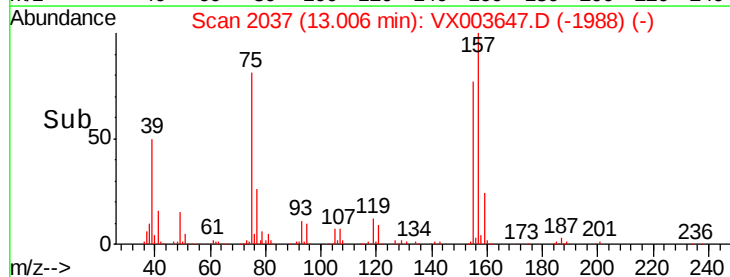
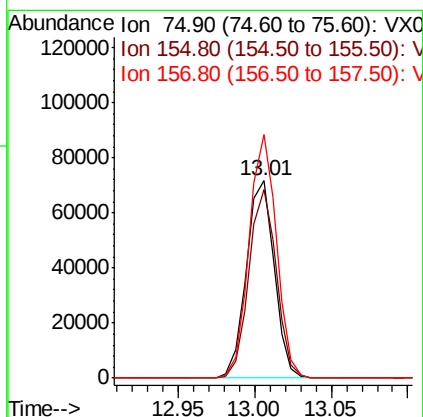
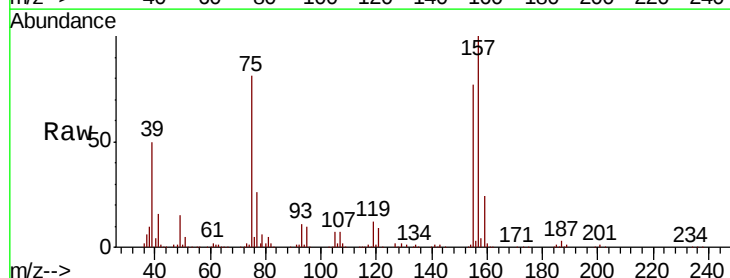
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

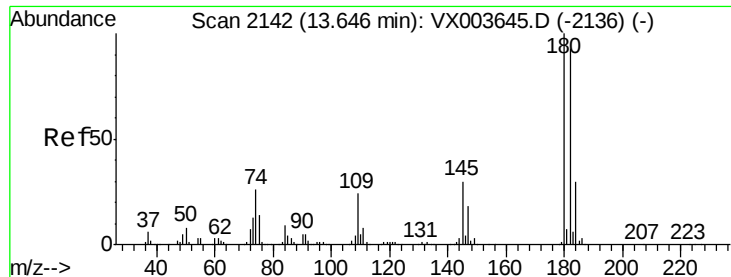
Tgt Ion:146 Resp: 572684  
 Ion Ratio Lower Upper  
 146 100  
 111 39.6 19.8 59.4  
 148 64.4 32.2 96.6



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 157.172 ug/l  
 RT: 13.01 min Scan# 2037  
 Delta R.T. 0.00 min  
 Lab File: VX003647.D  
 Acq: 24 Jul 2018 18:28

Tgt Ion: 75 Resp: 90844  
 Ion Ratio Lower Upper  
 75 100  
 155 93.8 46.1 138.3  
 157 120.7 59.7 179.0

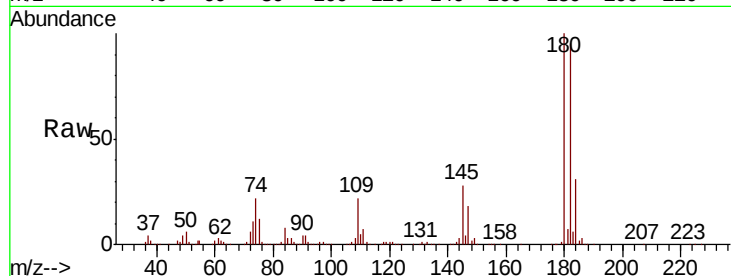




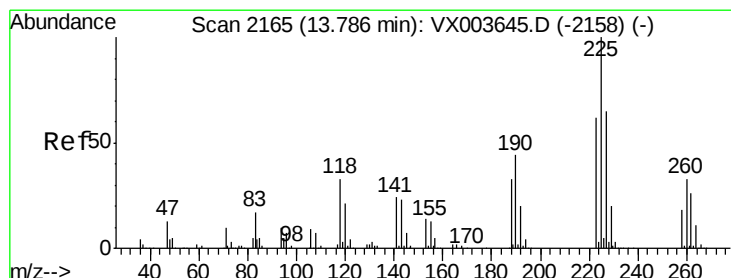
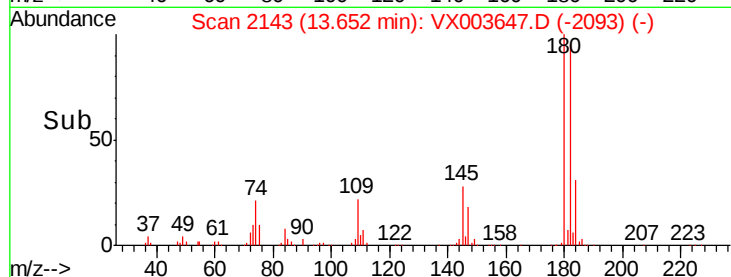
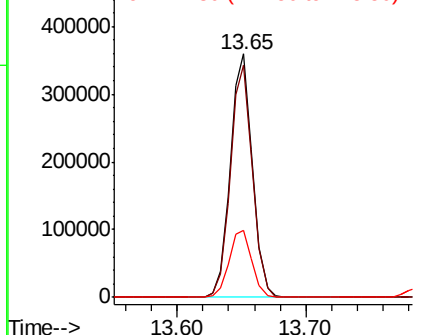
#93  
 1,2,4-Trichlorobenzene  
 Concen: 154.769 ug/l  
 RT: 13.65 min Scan# 2143  
 Delta R.T. 0.01 min  
 Lab File: VX003647.D  
 Acq: 24 Jul 2018 18:28

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

Tgt Ion:180 Resp: 429123  
 Ion Ratio Lower Upper  
 180 100  
 182 95.5 47.9 143.8  
 145 28.5 14.4 43.2

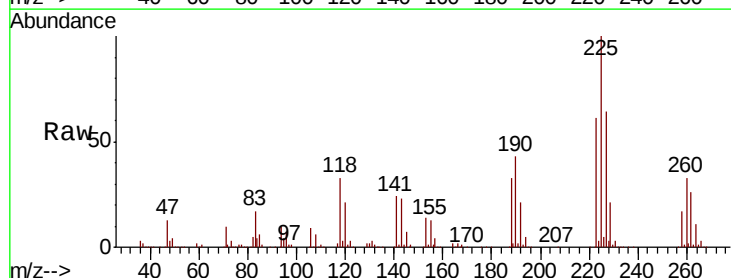


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

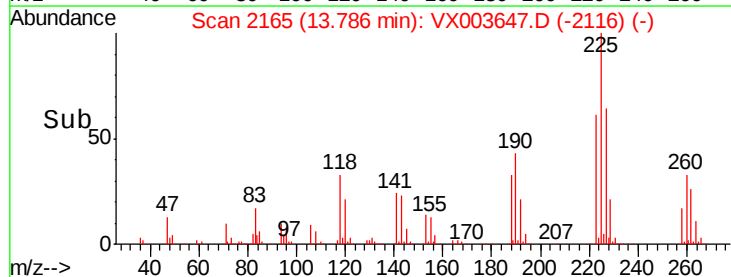
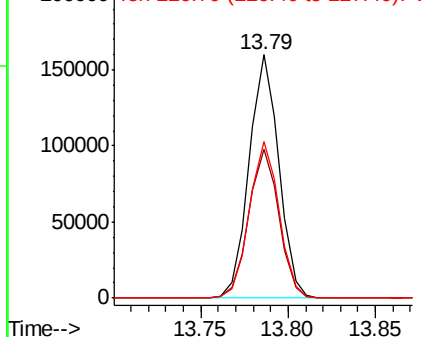


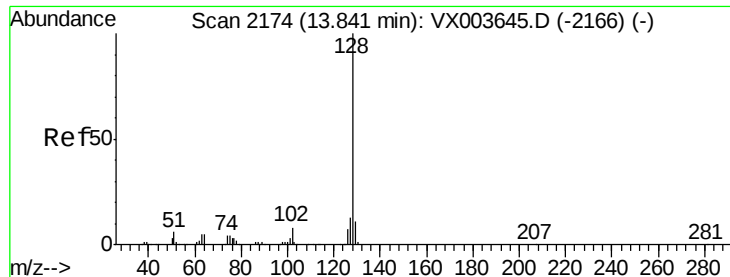
#94  
 Hexachlorobutadiene  
 Concen: 146.720 ug/l  
 RT: 13.79 min Scan# 2165  
 Delta R.T. 0.00 min  
 Lab File: VX003647.D  
 Acq: 24 Jul 2018 18:28

Tgt Ion:225 Resp: 188210  
 Ion Ratio Lower Upper  
 225 100  
 223 62.2 30.9 92.5  
 227 64.3 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: 158.912 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX003647.D

Acq: 24 Jul 2018 18:28

Instrument :

MSVOA\_X

ClientSampled :

VSTDIC150

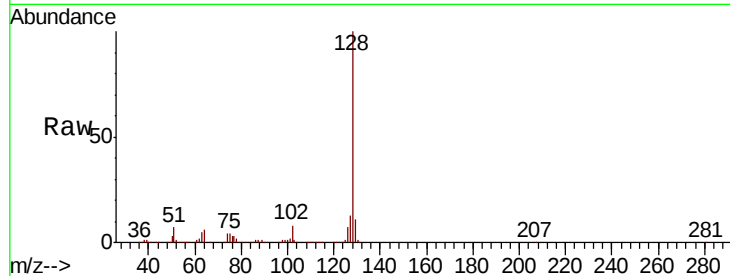
Tgt Ion:128 Resp: 1332653

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

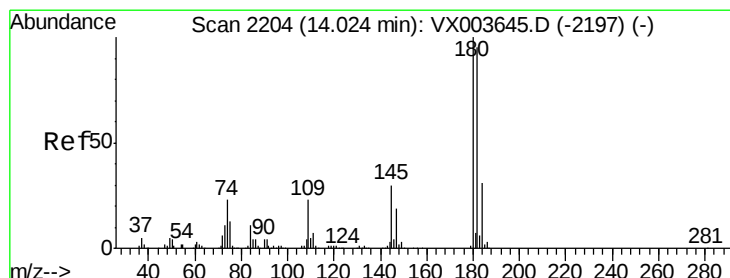
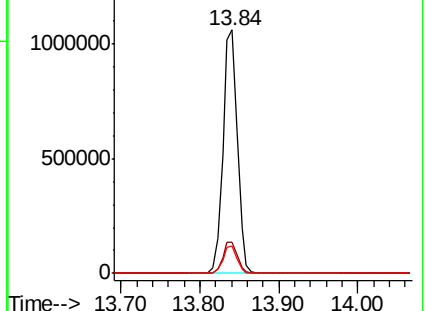
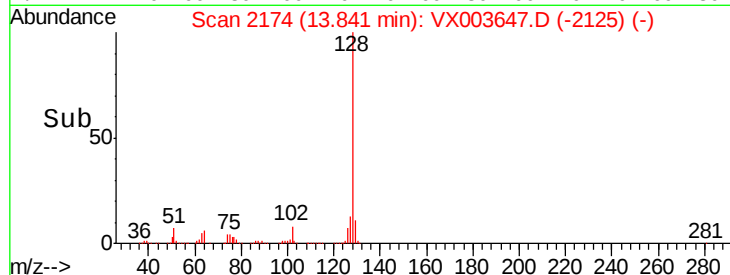
129 11.1 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 152.619 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003647.D

Acq: 24 Jul 2018 18:28

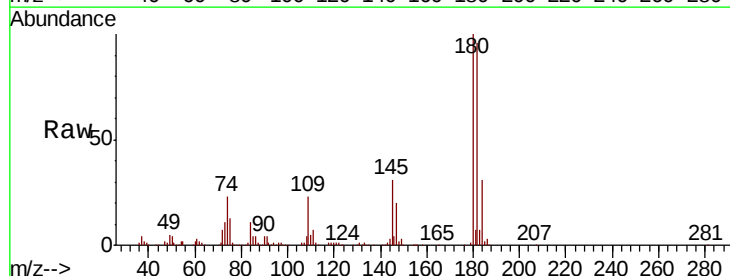
Tgt Ion:180 Resp: 429835

Ion Ratio Lower Upper

180 100

182 95.7 47.6 142.8

145 30.3 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

