

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111218\  
 Data File : VX005915.D  
 Acq On : 12 Nov 2018 21:47  
 Operator : JC/MD  
 Sample : J5912-03MS  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SS003MW273-181108MS

Quant Time: Nov 13 04:44:45 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X110718W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 07 14:40:53 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.66  | 168  | 104260   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 144564   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 135038   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 75647    | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.06   | 65  | 60497    | 50.47 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.94% |      |
| 35) Dibromofluoromethane  | 5.50   | 113 | 48109    | 48.93 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.86%  |      |
| 50) Toluene-d8            | 8.71   | 98  | 178351   | 54.56 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 109.12% |      |
| 62) 4-Bromofluorobenzene  | 11.14  | 95  | 66996    | 57.00 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 114.00% |      |

## Target Compounds

|                               |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 43592  | 46.373  | ug/l   | 99     |
| 3) Chloromethane              | 1.32 | 50  | 57899  | 46.933  | ug/l   | 98     |
| 4) Vinyl Chloride             | 1.40 | 62  | 60020  | 48.463  | ug/l   | 96     |
| 5) Bromomethane               | 1.64 | 94  | 35410  | 46.721  | ug/l   | 100    |
| 6) Chloroethane               | 1.71 | 64  | 36132  | 48.896  | ug/l   | 99     |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 82033  | 49.901  | ug/l   | 100    |
| 8) Diethyl Ether              | 2.19 | 74  | 33124  | 51.422  | ug/l   | 96     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 45284  | 47.895  | ug/l   | 99     |
| 10) Methyl Iodide             | 2.51 | 142 | 61483  | 53.655  | ug/l   | 99     |
| 11) Tert butyl alcohol        | 3.07 | 59  | 81357  | 236.945 | ug/l   | 99     |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 44567  | 48.361  | ug/l   | 95     |
| 13) Acrolein                  | 2.29 | 56  | 62294  | 370.495 | ug/l   | 100    |
| 14) Allyl chloride            | 2.73 | 41  | 101174 | 49.157  | ug/l   | 99     |
| 15) Acrylonitrile             | 3.15 | 53  | 180785 | 254.065 | ug/l   | 96     |
| 16) Acetone                   | 2.45 | 43  | 156699 | 242.809 | ug/l   | 100    |
| 17) Carbon Disulfide          | 2.57 | 76  | 132109 | 48.061  | ug/l   | 98     |
| 18) Methyl Acetate            | 2.78 | 43  | 91909  | 53.239  | ug/l   | 100    |
| 19) Methyl tert-butyl Ether   | 3.20 | 73  | 167894 | 53.380  | ug/l # | 90     |
| 20) Methylene Chloride        | 2.85 | 84  | 53288  | 50.267  | ug/l   | 98     |
| 21) trans-1,2-Dichloroethene  | 3.16 | 96  | 48582  | 49.982  | ug/l   | 97     |
| 22) Diisopropyl ether         | 3.87 | 45  | 176634 | 48.990  | ug/l # | 90     |
| 23) Vinyl Acetate             | 3.82 | 43  | 770575 | 249.265 | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 97095  | 50.476  | ug/l   | 99     |
| 25) 2-Butanone                | 4.70 | 43  | 239357 | 235.911 | ug/l   | 97     |
| 26) 2,2-Dichloropropane       | 4.58 | 77  | 62991  | 44.641  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 53377  | 49.733  | ug/l   | 99     |
| 28) Bromochloromethane        | 5.02 | 49  | 45677  | 53.132  | ug/l   | 99     |
| 29) Tetrahydrofuran           | 5.15 | 42  | 156958 | 240.935 | ug/l   | 99     |
| 30) Chloroform                | 5.21 | 83  | 92701  | 49.951  | ug/l   | 87     |
| 31) Cyclohexane               | 5.57 | 56  | 78182  | 46.822  | ug/l   | 99     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 77167  | 49.851  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 5.80 | 75  | 64384  | 46.199  | ug/l   | 99     |
| 37) Ethyl Acetate             | 4.85 | 43  | 86909  | 47.422  | ug/l   | 98     |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 67633  | 48.476  | ug/l   | 100    |

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 Sample : J5912-03MS  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SS003MW273-181108MS

Quant Time: Nov 13 04:44:45 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X110718W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 07 14:40:53 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 72566    | 51.375   | ug/l   | 99       |
| 40) Benzene                    | 6.15  | 78   | 201491   | 49.595   | ug/l   | 97       |
| 41) Methacrylonitrile          | 5.06  | 41   | 50329    | 50.824   | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 72090    | 49.540   | ug/l   | 100      |
| 43) Isopropyl Acetate          | 6.46  | 43   | 130135   | 49.005   | ug/l   | 97       |
| 44) Trichloroethene            | 7.21  | 130  | 52875    | 51.248   | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 52254    | 52.990   | ug/l   | 100      |
| 46) Dibromomethane             | 7.66  | 93   | 34337    | 55.491   | ug/l   | 99       |
| 47) Bromodichloromethane       | 7.90  | 83   | 66718    | 57.052   | ug/l   | 100      |
| 48) Methyl methacrylate        | 7.77  | 41   | 68953    | 57.827   | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.75  | 88   | 28122    | 1094.487 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 462813   | 276.533  | ug/l   | 100      |
| 52) Toluene                    | 8.79  | 92   | 121325   | 53.432   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 73856    | 53.518   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 76572    | 54.438   | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 50687    | 50.088   | ug/l   | 98       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 81158    | 53.600   | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 85839    | 50.476   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.29  | 63   | 383      | 8.727    | ug/l # | 48       |
| 59) 2-Hexanone                 | 9.50  | 43   | 365433   | 247.713  | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.59  | 129  | 54403    | 49.744   | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 53269    | 47.604   | ug/l   | 100      |
| 64) Tetrachloroethene          | 9.34  | 164  | 53999    | 46.967   | ug/l   | 98       |
| 65) Chlorobenzene              | 10.14 | 112  | 139356   | 51.513   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 50723    | 53.932   | ug/l   | 100      |
| 67) Ethyl Benzene              | 10.25 | 91   | 236405   | 54.497   | ug/l   | 100      |
| 68) m/p-Xylenes                | 10.36 | 106  | 182543   | 110.321  | ug/l   | 99       |
| 69) o-Xylene                   | 10.70 | 106  | 87112    | 58.712   | ug/l   | 98       |
| 70) Styrene                    | 10.71 | 104  | 146672   | 59.925   | ug/l   | 99       |
| 71) Bromoform                  | 10.86 | 173  | 45188    | 57.316   | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 240217   | 54.912   | ug/l   | 99       |
| 74) N-amyl acetate             | 10.90 | 43   | 120470   | 49.103   | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 83450    | 51.972   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 100553   | 65.280   | ug/l   | 84       |
| 77) Bromobenzene               | 11.26 | 156  | 63752    | 51.704   | ug/l   | 100      |
| 78) n-propylbenzene            | 11.36 | 91   | 276400   | 53.612   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 164242   | 52.706   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 206162   | 55.457   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 24328    | 50.338   | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 195794   | 53.313   | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.77 | 119  | 204384   | 54.345   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 211209   | 51.486   | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.94 | 105  | 243497   | 52.946   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 218412   | 53.615   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 119285   | 50.409   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 124702   | 51.478   | ug/l   | 100      |
| 89) n-Butylbenzene             | 12.39 | 91   | 190974   | 50.582   | ug/l   | 100      |
| 90) Hexachloroethane           | 12.60 | 117  | 35896    | 52.778   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 134468   | 56.725   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 20845    | 53.200   | ug/l   | 98       |

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Sample : J5912-03MS  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
SS003MW273-181108MS

Quant Time: Nov 13 04:44:45 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X110718W.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 07 14:40:53 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 88391    | 52.967 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.79 | 225  | 42470    | 48.448 | ug/l  | 99       |
| 95) Naphthalene            | 13.83 | 128  | 279968   | 51.409 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 90742    | 53.373 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX005915.D

Acq: 12 Nov 2018 21:47

Instrument :

MSVOA\_X

ClientSampleId :

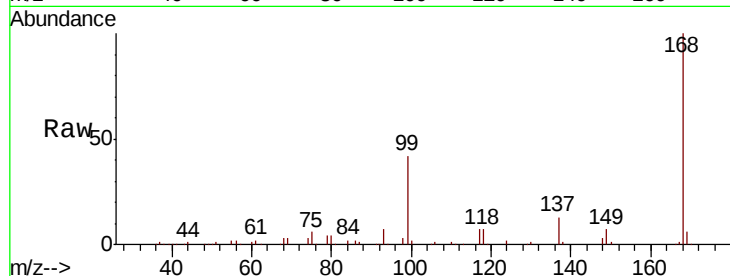
SS003MW273-181108MS

Tot Ion:168 Resp: 104260

Ion Ratio Lower Upper

168 100

99 42.5 40.7 61.1

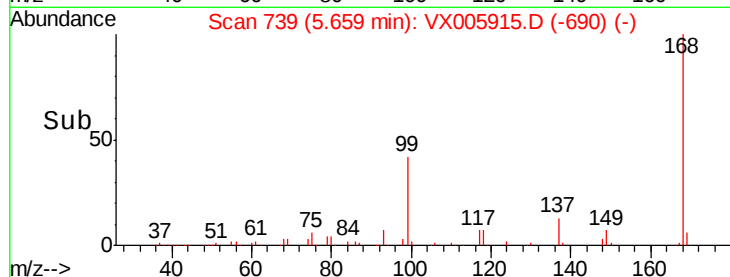


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

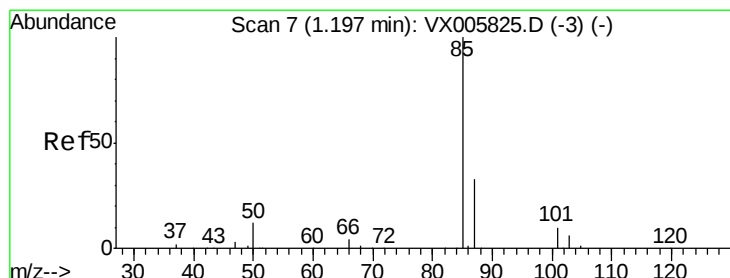
5.66

Time-->



5.66

Time-->



#2

Dichlorodifluoromethane

Concen: 46.373 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005915.D

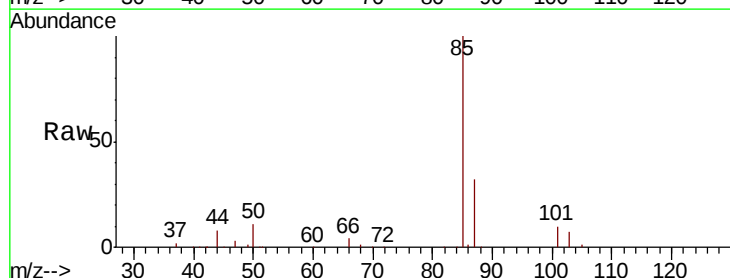
Acq: 12 Nov 2018 21:47

Tgt Ion: 85 Resp: 43592

Ion Ratio Lower Upper

85 100

87 31.9 16.3 48.9

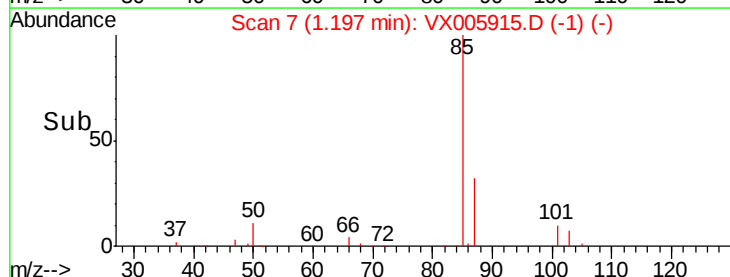


Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

Time-->



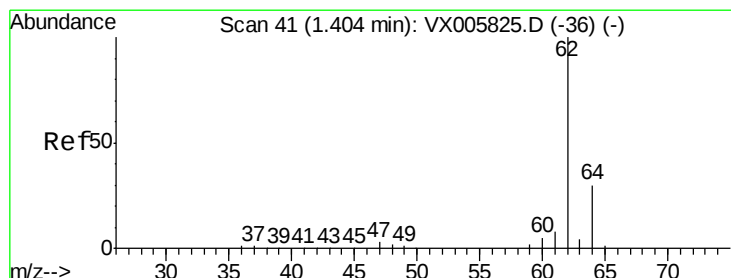
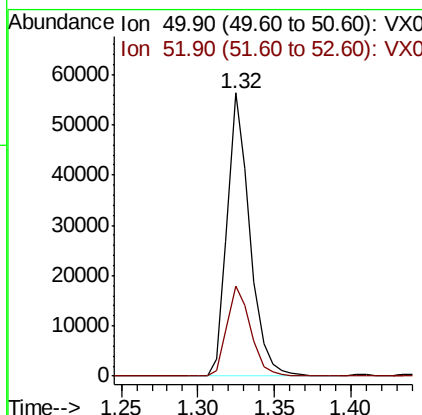
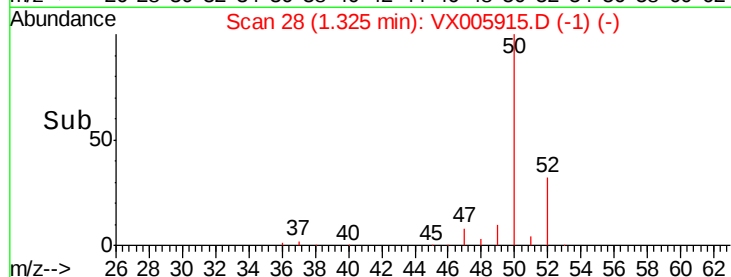
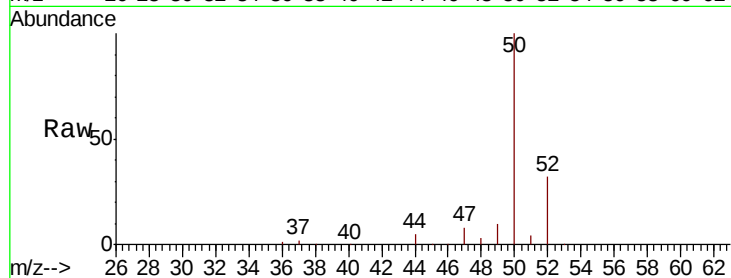
Time-->



#3  
 Chloromethane  
 Concen: 46.933 ug/l  
 RT: 1.32 min Scan# 28  
 Delta R.T. -0.00 min  
 Lab File: VX005915.D  
 Acq: 12 Nov 2018 21:47

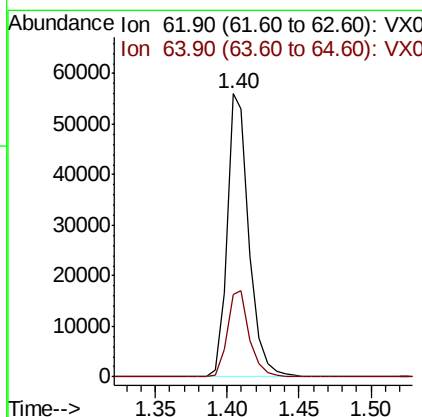
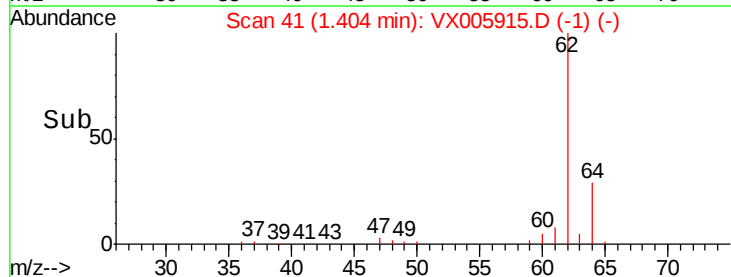
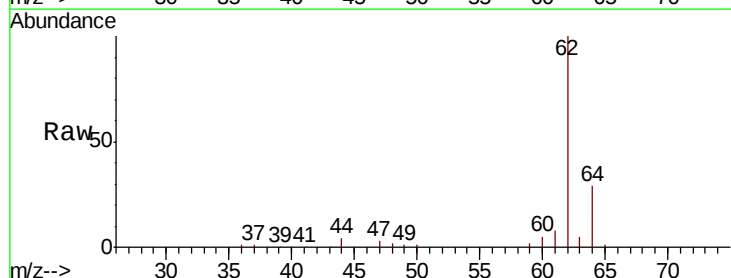
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SS003MW273-181108MS

Tot Ion: 50 Resp: 57899  
 Ion Ratio Lower Upper  
 50 100  
 52 31.8 26.2 39.2



#4  
 Vinyl Chloride  
 Concen: 48.463 ug/l  
 RT: 1.40 min Scan# 41  
 Delta R.T. -0.00 min  
 Lab File: VX005915.D  
 Acq: 12 Nov 2018 21:47

Tgt Ion: 62 Resp: 60020  
 Ion Ratio Lower Upper  
 62 100  
 64 29.3 25.3 37.9





#5

Bromomethane

Concen: 46.721 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005915.D

Acq: 12 Nov 2018 21:47

Instrument :

MSVOA\_X

ClientSampleId :

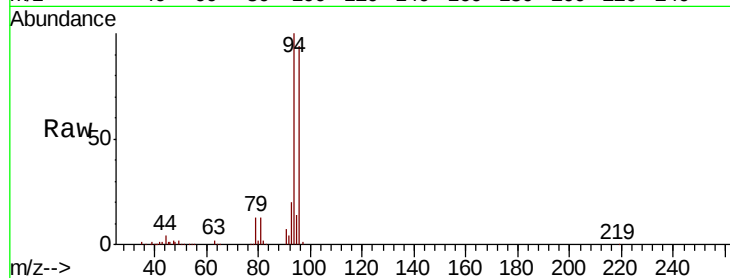
SS003MW273-181108MS

Tot Ion: 94 Resp: 35410

Ion Ratio Lower Upper

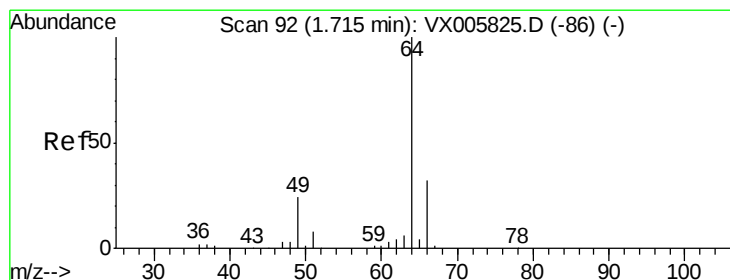
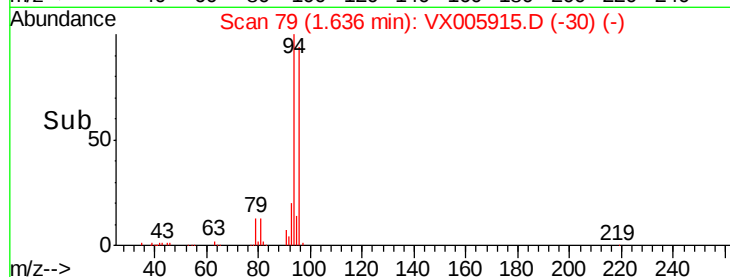
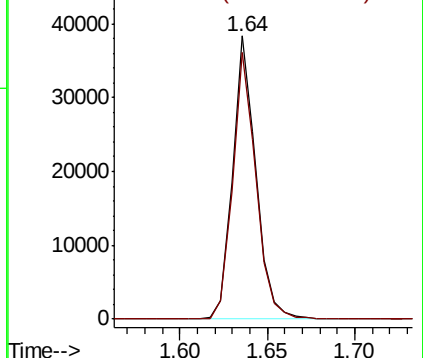
94 100

96 94.4 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.896 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX005915.D

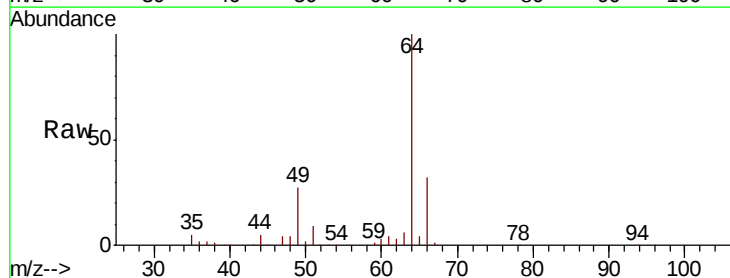
Acq: 12 Nov 2018 21:47

Tgt Ion: 64 Resp: 36132

Ion Ratio Lower Upper

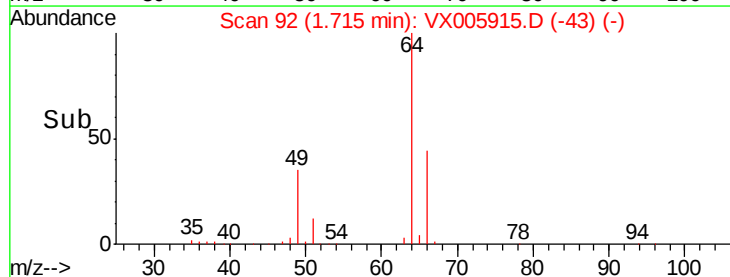
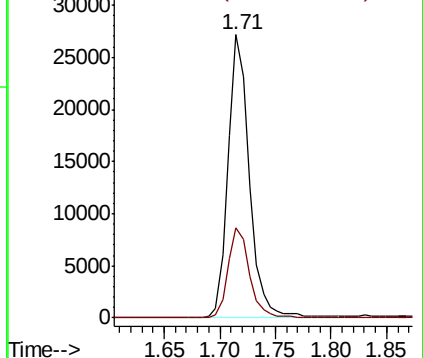
64 100

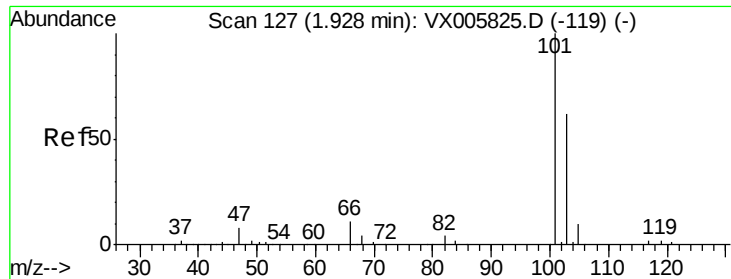
66 31.9 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



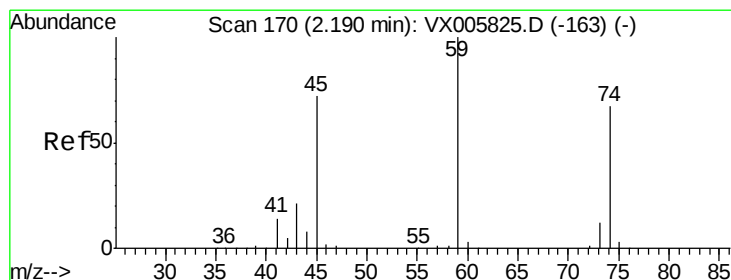
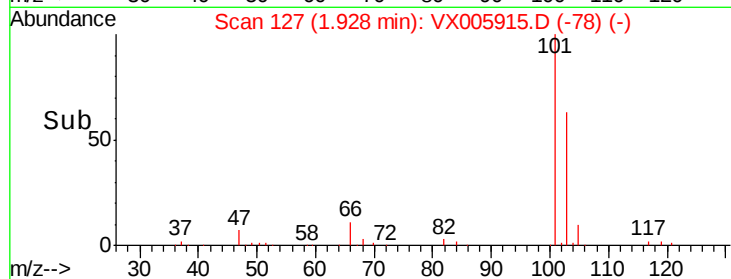
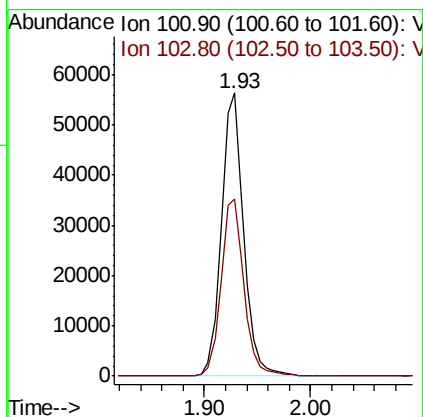
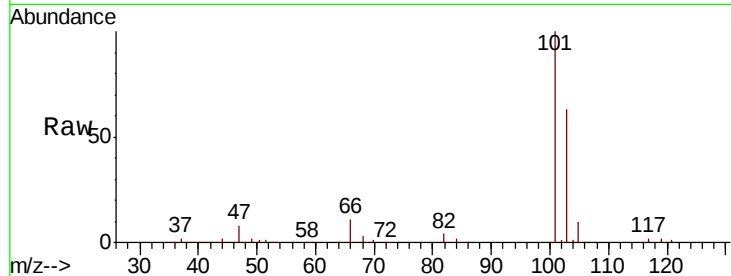


#7

Trichlorofluoromethane  
 Concen: 49.901 ug/l  
 RT: 1.93 min Scan# 127  
 Delta R.T. -0.00 min  
 Lab File: VX005915.D  
 Acq: 12 Nov 2018 21:47

Instrument :  
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 ClientSampleId :  
 SS003MW273-181108MS

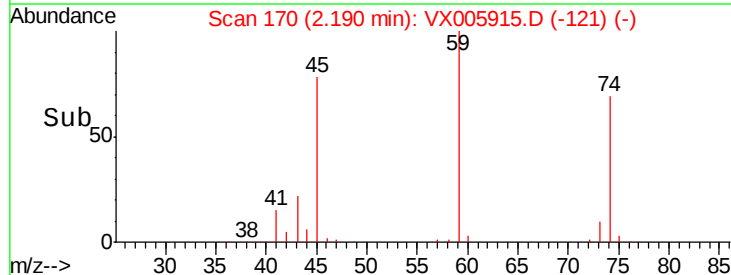
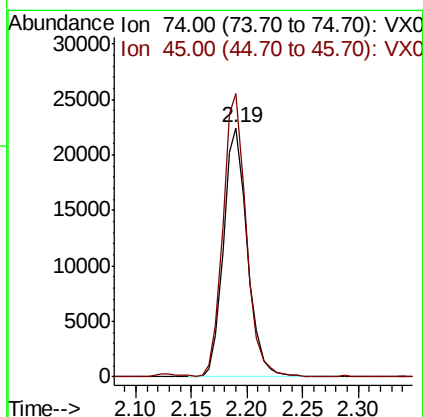
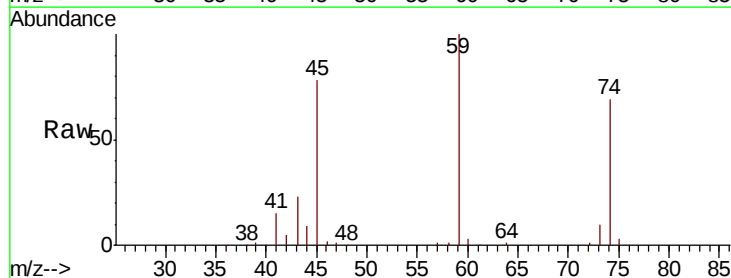
Tot Ion:101 Resp: 82033  
 Ion Ratio Lower Upper  
 101 100  
 103 62.6 50.0 75.0

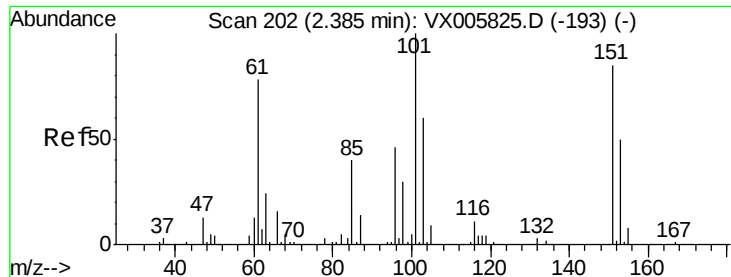


#8

Diethyl Ether  
 Concen: 51.422 ug/l  
 RT: 2.19 min Scan# 170  
 Delta R.T. -0.00 min  
 Lab File: VX005915.D  
 Acq: 12 Nov 2018 21:47

Tgt Ion: 74 Resp: 33124  
 Ion Ratio Lower Upper  
 74 100  
 45 112.1 54.1 162.3

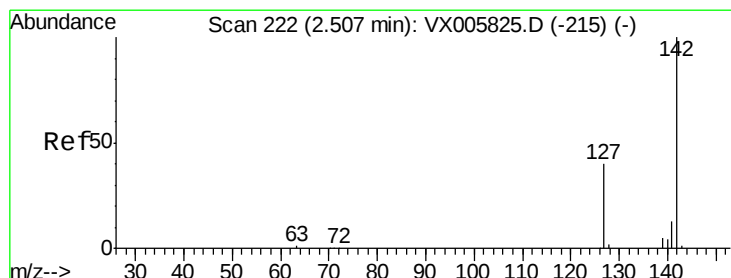
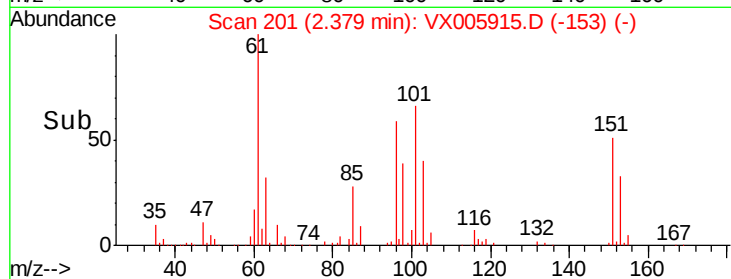
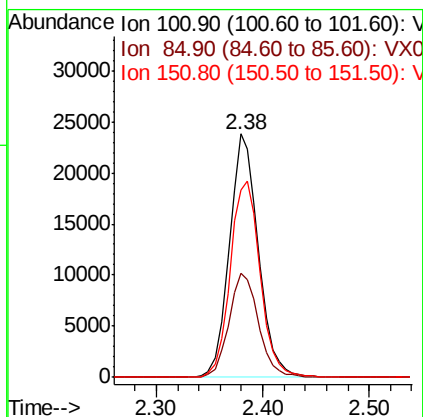
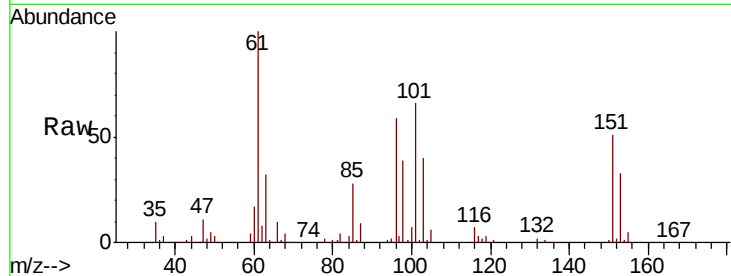




#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 47.895 ug/l  
 RT: 2.38 min Scan# 201  
 Delta R.T. -0.01 min  
 Lab File: VX005915.D  
 Acq: 12 Nov 2018 21:47

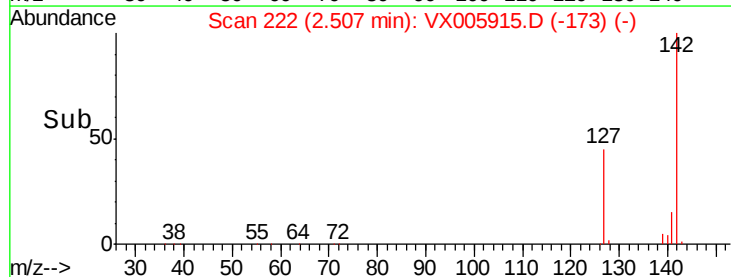
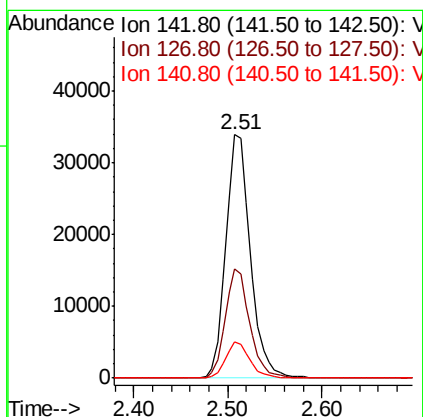
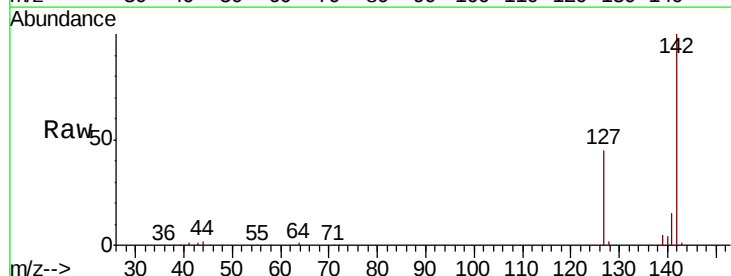
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SS003MW273-181108MS

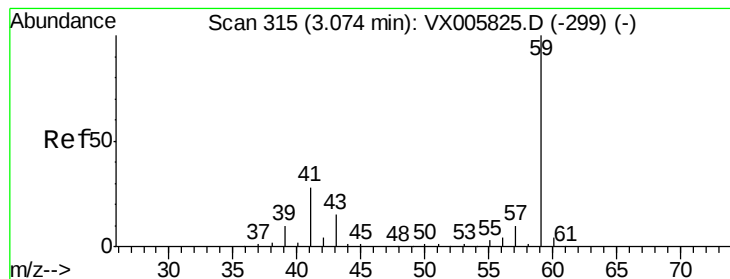
Tot Ion:101 Resp: 45284  
 Ion Ratio Lower Upper  
 101 100  
 85 43.9 35.0 52.4  
 151 83.7 66.2 99.2



#10  
 Methyl Iodide  
 Concen: 53.655 ug/l  
 RT: 2.51 min Scan# 222  
 Delta R.T. -0.00 min  
 Lab File: VX005915.D  
 Acq: 12 Nov 2018 21:47

Tgt Ion:142 Resp: 61483  
 Ion Ratio Lower Upper  
 142 100  
 127 44.5 36.0 54.0  
 141 14.4 11.7 17.5



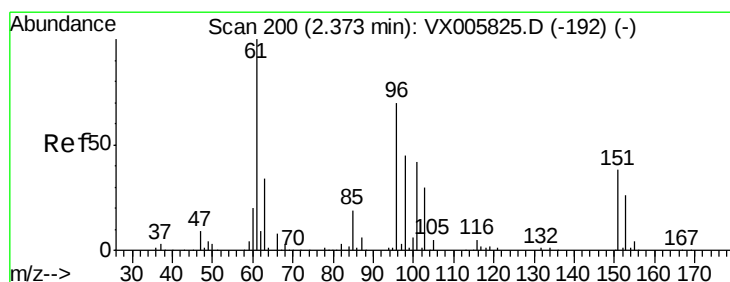
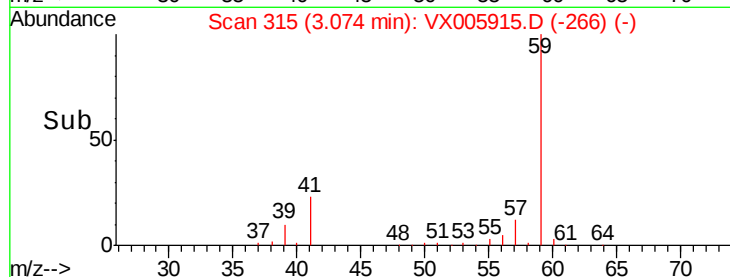
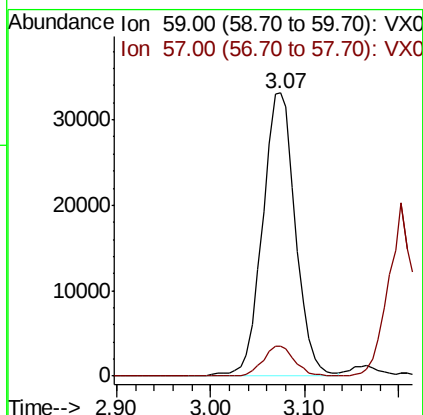
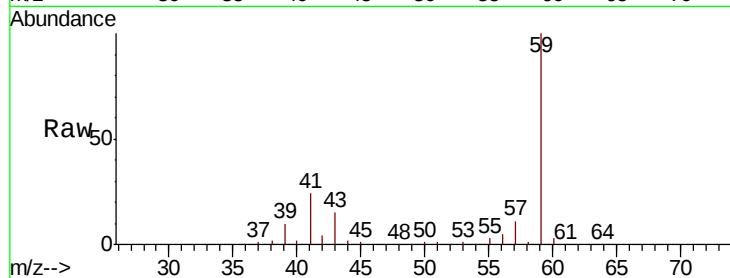


#11

Tert butyl alcohol  
Concen: 236.945 ug/l  
RT: 3.07 min Scan# 315  
Delta R.T. -0.00 min  
Lab File: VX005915.D  
Acq: 12 Nov 2018 21:47

Instrument :  
MSVOA\_X  
ClientSampleId :  
SS003MW273-181108MS

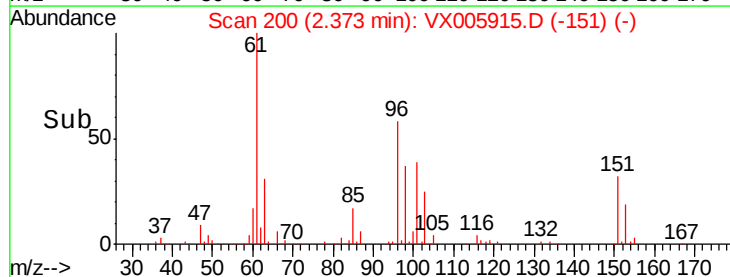
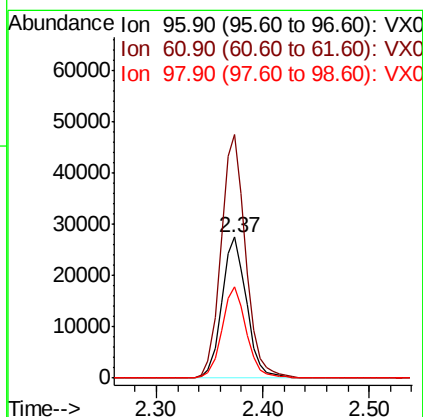
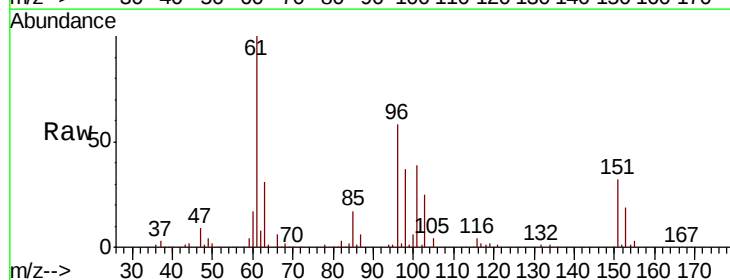
Tot Ion: 59 Resp: 81357  
Ion Ratio Lower Upper  
59 100  
57 10.3 8.5 12.7

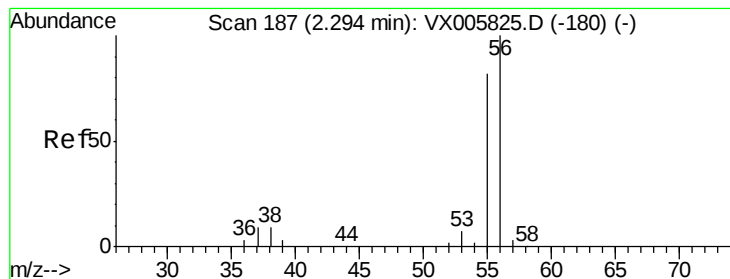


#12

1,1-Dichloroethene  
Concen: 48.361 ug/l  
RT: 2.37 min Scan# 200  
Delta R.T. -0.00 min  
Lab File: VX005915.D  
Acq: 12 Nov 2018 21:47

Tgt Ion: 96 Resp: 44567  
Ion Ratio Lower Upper  
96 100  
61 172.7 131.8 197.8  
98 64.3 53.4 80.2





#13

Acrolein

Concen: 370.495 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005915.D

Acq: 12 Nov 2018 21:47

Instrument :

MSVOA\_X

ClientSampleId :

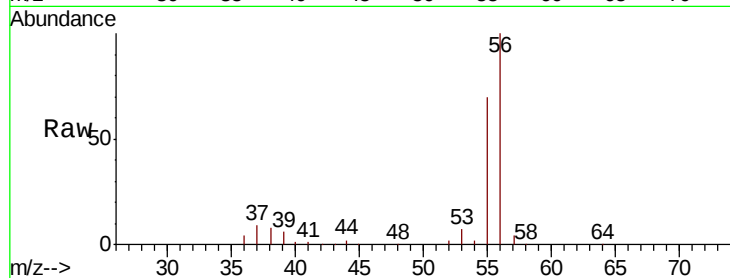
SS003MW273-181108MS

Tot Ion: 56 Resp: 62294

Ion Ratio Lower Upper

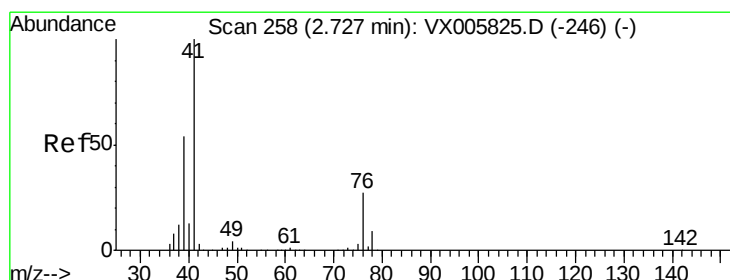
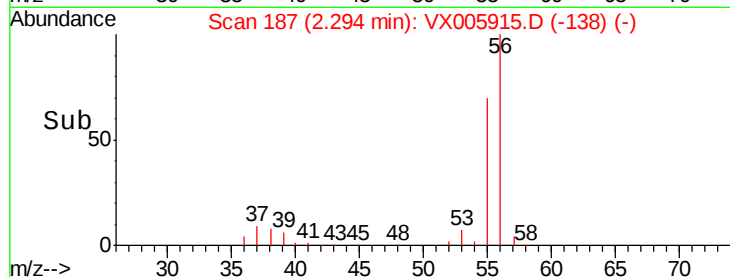
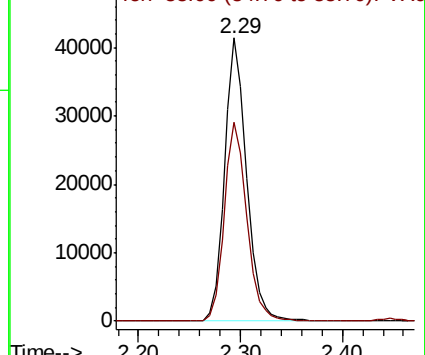
56 100

55 71.9 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 49.157 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX005915.D

Acq: 12 Nov 2018 21:47

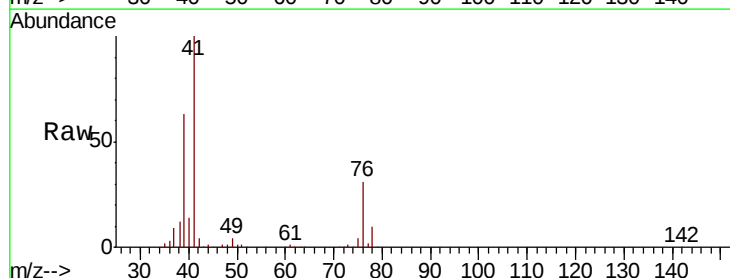
Tgt Ion: 41 Resp: 101174

Ion Ratio Lower Upper

41 100

39 59.4 48.2 72.4

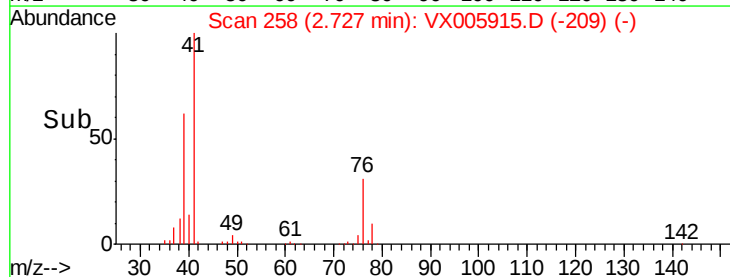
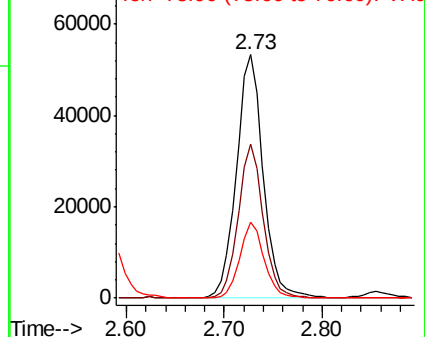
76 28.6 21.9 32.9

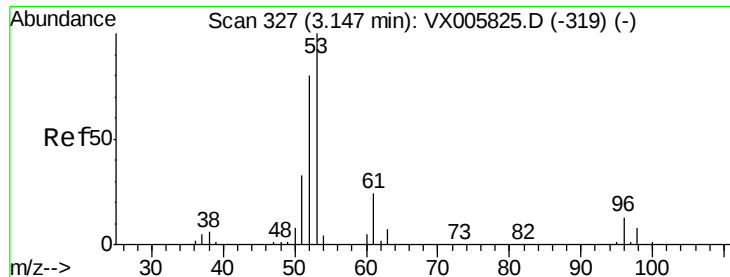


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 254.065 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX005915.D

Acq: 12 Nov 2018 21:47

Instrument :

MSVOA\_X

ClientSampleId :

SS003MW273-181108MS

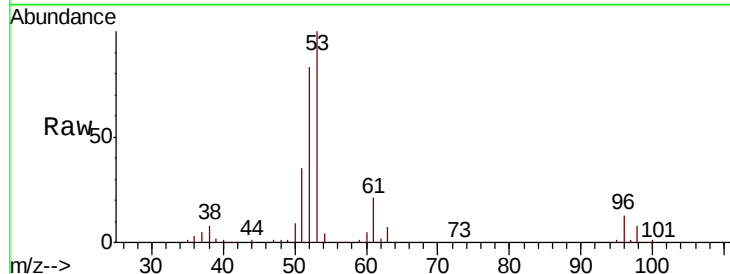
Tot Ion: 53 Resp: 180785

Ion Ratio Lower Upper

53 100

52 86.7 66.6 99.8

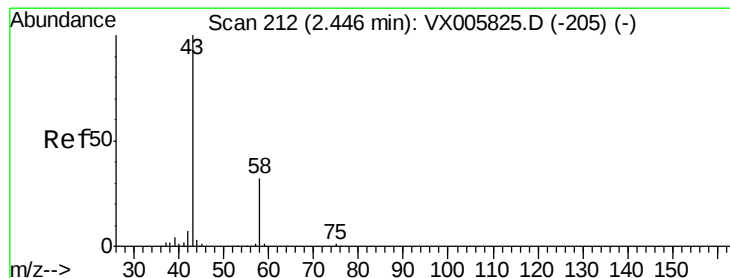
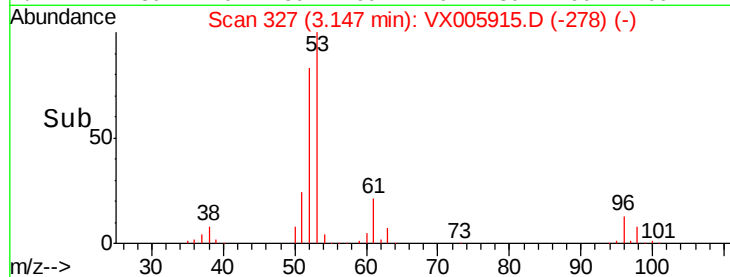
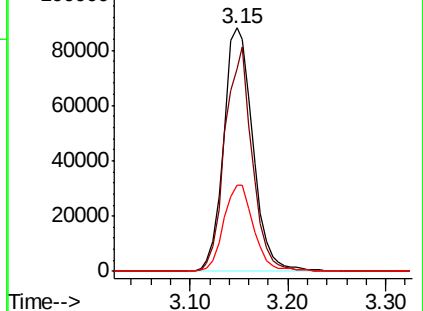
51 37.1 28.4 42.6



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: 242.809 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005915.D

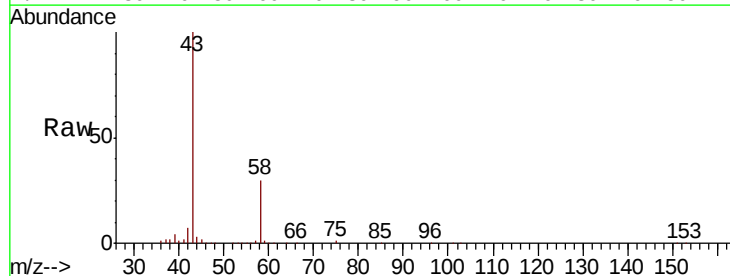
Acq: 12 Nov 2018 21:47

Tgt Ion: 43 Resp: 156699

Ion Ratio Lower Upper

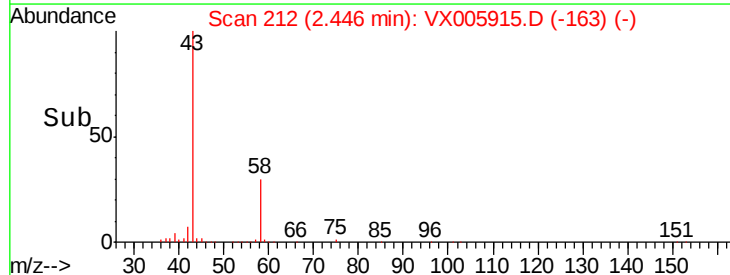
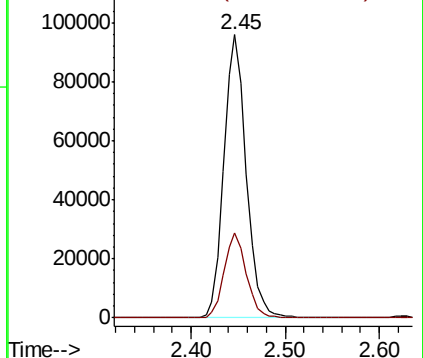
43 100

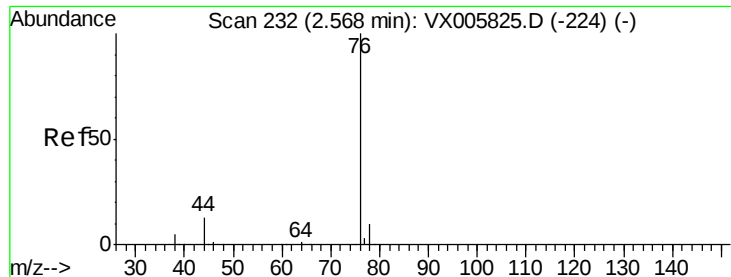
58 29.9 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

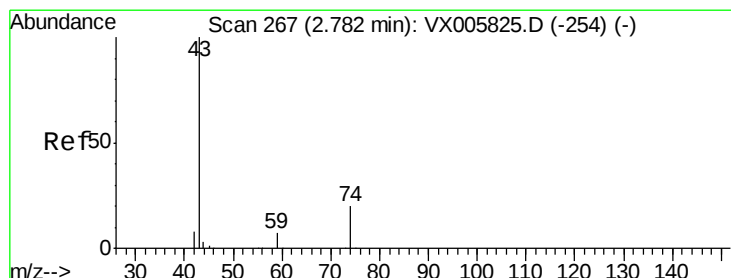
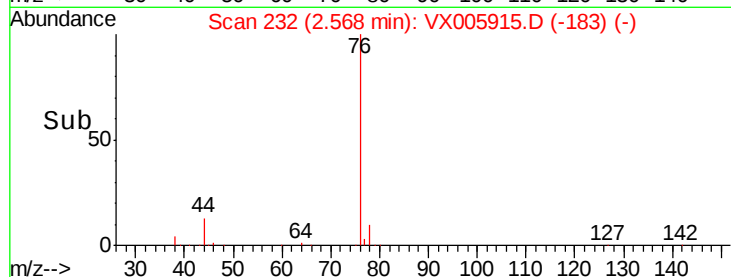
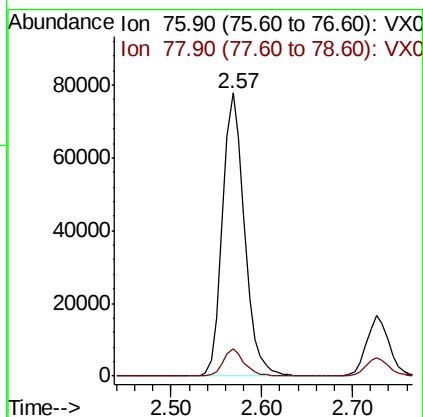
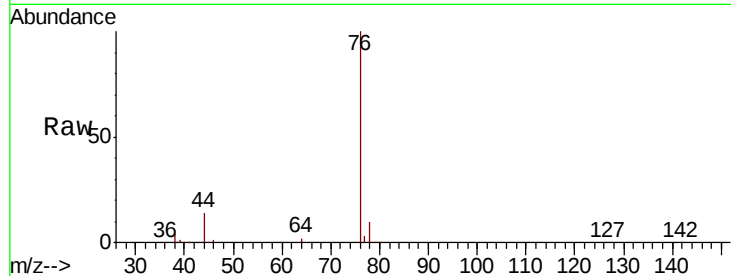




#17  
Carbon Disulfide  
Concen: 48.061 ug/l  
RT: 2.57 min Scan# 232  
Delta R.T. -0.00 min  
Lab File: VX005915.D  
Acq: 12 Nov 2018 21:47

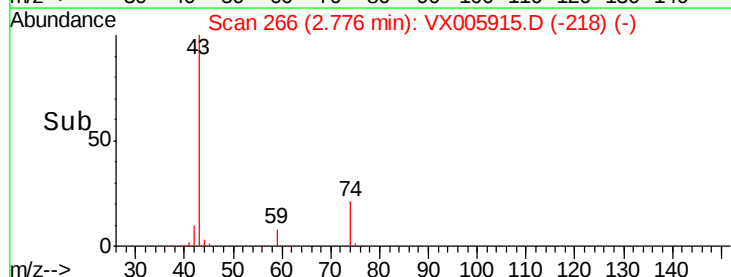
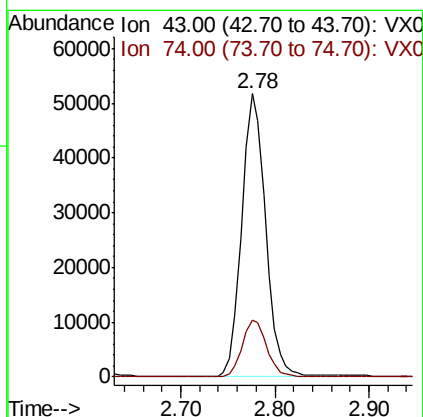
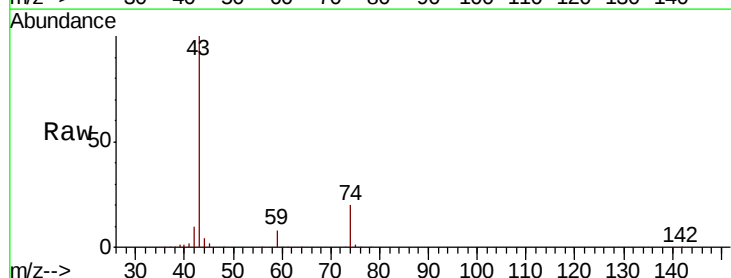
Instrument :  
MSVOA\_X  
ClientSampleId :  
SS003MW273-181108MS

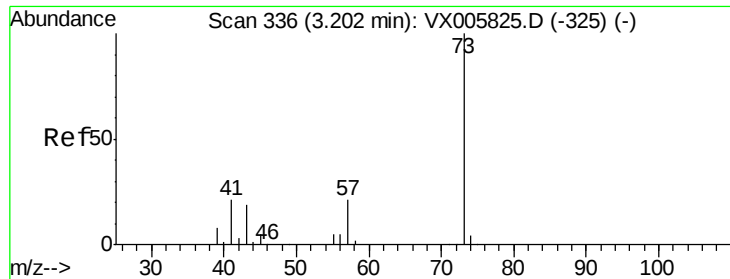
Tot Ion: 76 Resp: 132109  
Ion Ratio Lower Upper  
76 100  
78 9.7 7.3 10.9



#18  
Methyl Acetate  
Concen: 53.239 ug/l  
RT: 2.78 min Scan# 266  
Delta R.T. -0.01 min  
Lab File: VX005915.D  
Acq: 12 Nov 2018 21:47

Tgt Ion: 43 Resp: 91909  
Ion Ratio Lower Upper  
43 100  
74 21.0 16.8 25.2

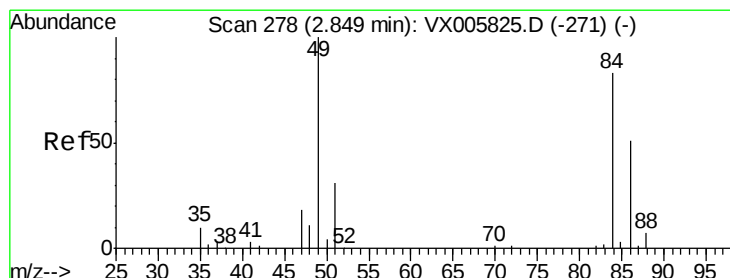
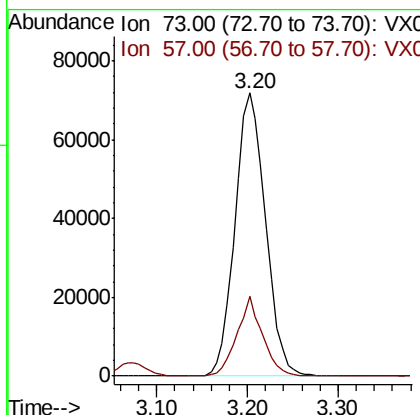
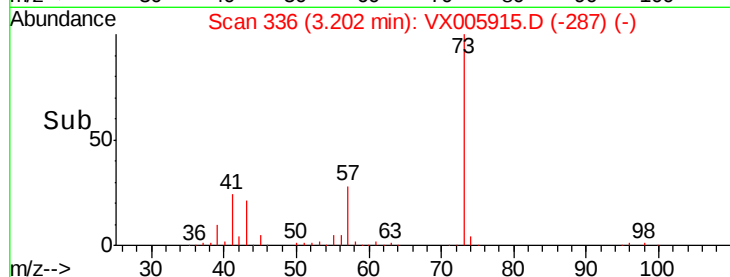
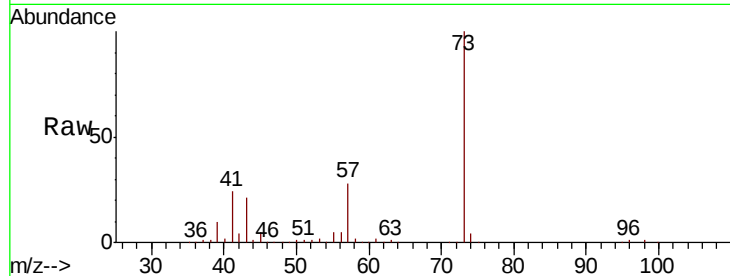




#19  
Methvl tert-butvl Ether  
Concen: 53.380 ug/l  
RT: 3.20 min Scan# 336  
Delta R.T. -0.00 min  
Lab File: VX005915.D  
Acq: 12 Nov 2018 21:47

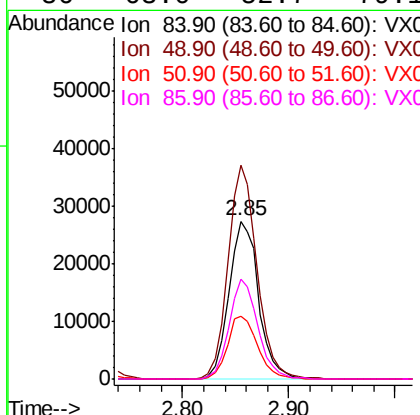
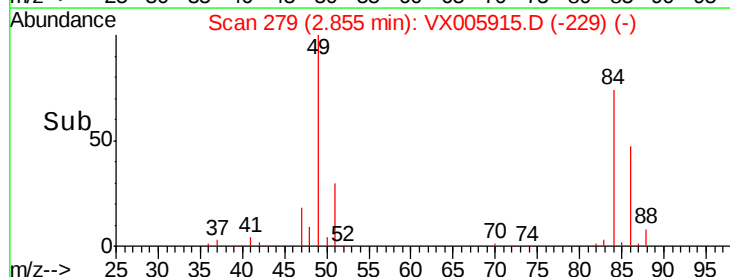
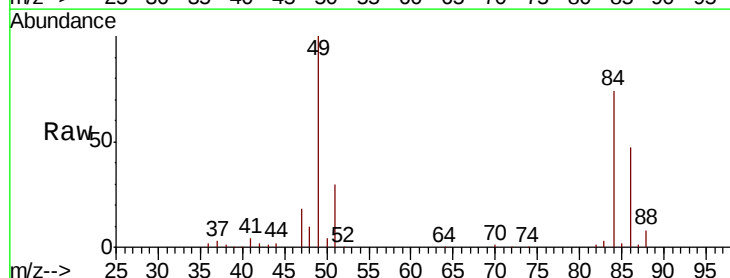
Instrument :  
MSVOA\_X  
ClientSampleId :  
SS003MW273-181108MS

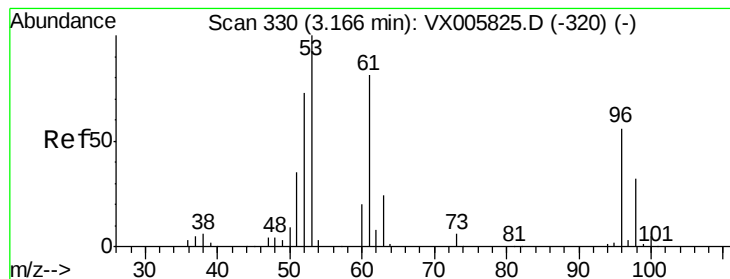
Tot Ion: 73 Resp: 167894  
Ion Ratio Lower Upper  
73 100  
57 28.3 18.8 28.2#



#20  
Methylene Chloride  
Concen: 50.267 ug/l  
RT: 2.85 min Scan# 279  
Delta R.T. 0.01 min  
Lab File: VX005915.D  
Acq: 12 Nov 2018 21:47

Tgt Ion: 84 Resp: 53288  
Ion Ratio Lower Upper  
84 100  
49 135.4 109.5 164.3  
51 40.1 33.3 49.9  
86 63.0 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 49.982 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX005915.D

Acq: 12 Nov 2018 21:47

Instrument :

MSVOA\_X

ClientSampleId :

SS003MW273-181108MS

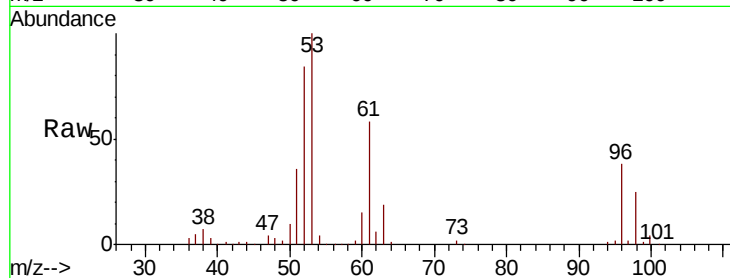
Tot Ion: 96 Resp: 48582

Ion Ratio Lower Upper

96 100

61 149.7 115.6 173.4

98 64.1 50.2 75.2

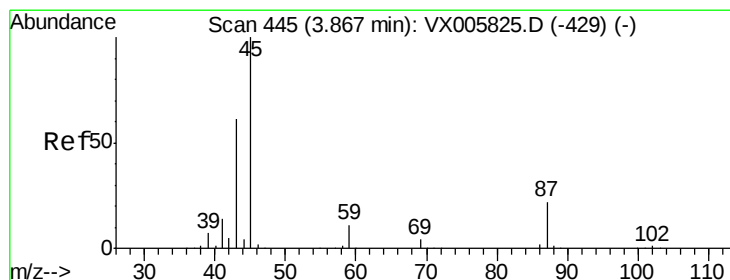
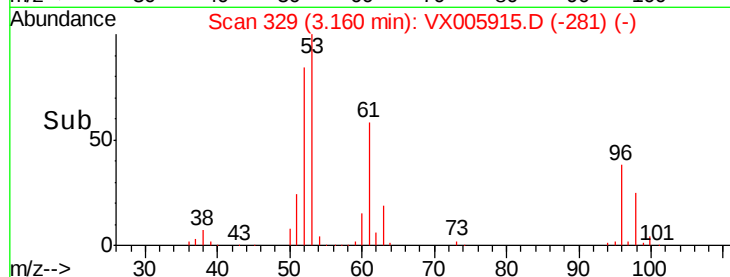
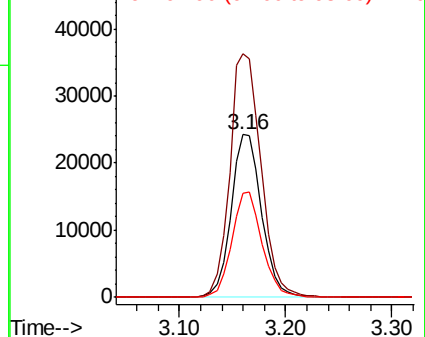


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 48.990 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX005915.D

Acq: 12 Nov 2018 21:47

Tgt Ion: 45 Resp: 176634

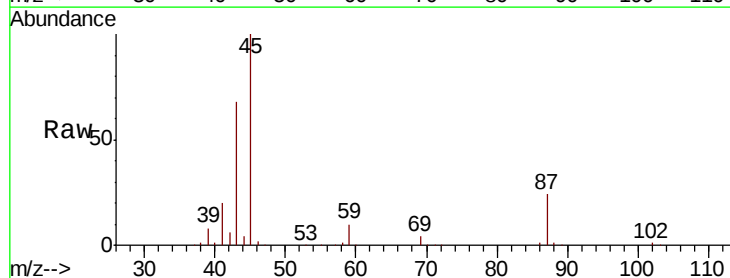
Ion Ratio Lower Upper

45 100

43 67.7 47.4 71.2

87 24.1 15.9 23.9#

59 10.4 7.7 11.5



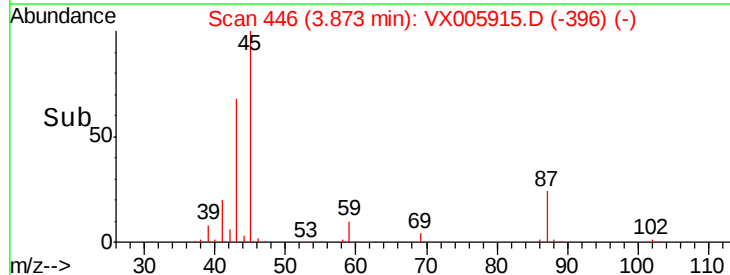
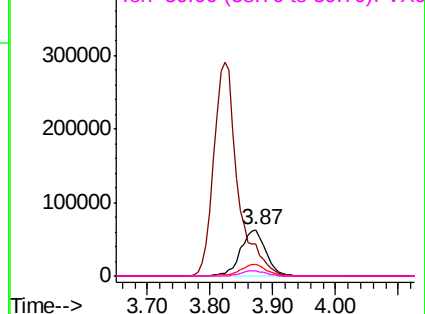
Abundance

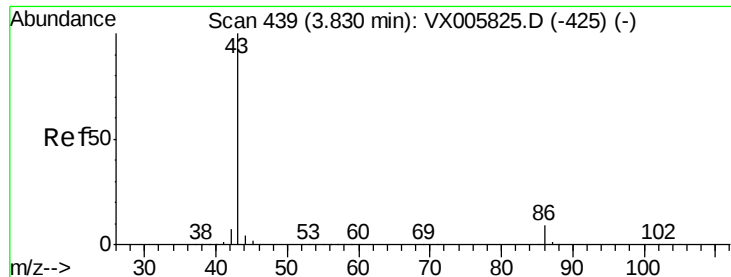
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 249.265 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.01 min

Lab File: VX005915.D

Acq: 12 Nov 2018 21:47

Instrument :

MSVOA\_X

ClientSampleId :

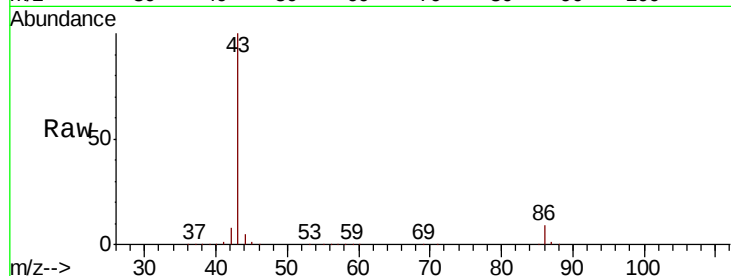
SS003MW273-181108MS

Tot Ion: 43 Resp: 770575

Ion Ratio Lower Upper

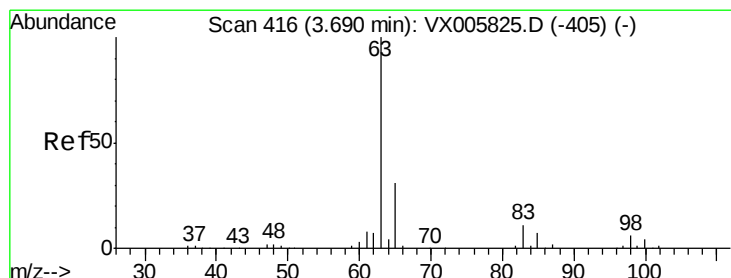
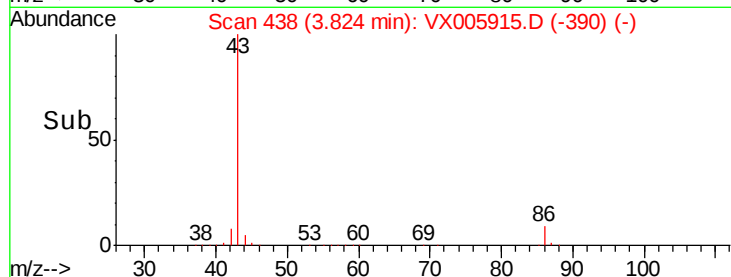
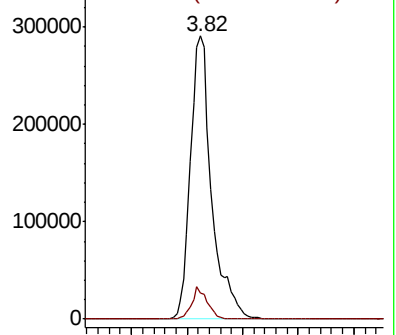
43 100

86 9.2 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.476 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005915.D

Acq: 12 Nov 2018 21:47

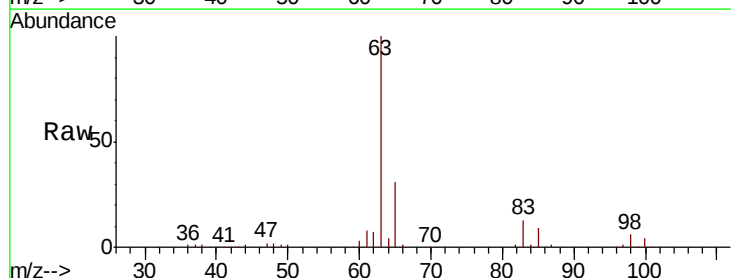
Tgt Ion: 63 Resp: 97095

Ion Ratio Lower Upper

63 100

98 6.1 3.2 9.6

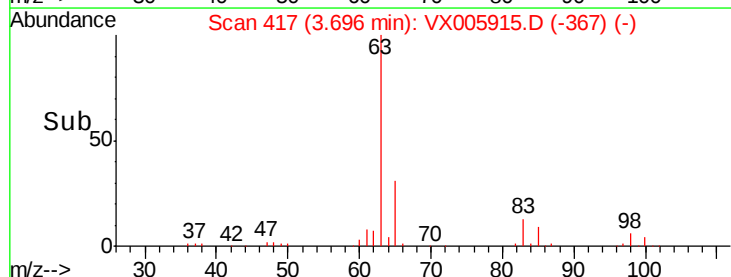
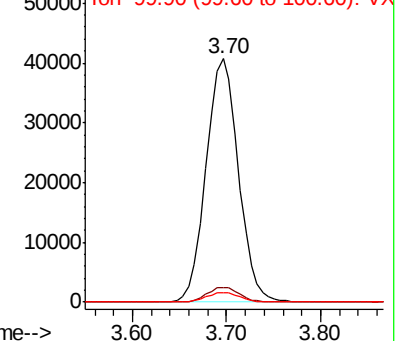
100 3.9 2.1 6.2

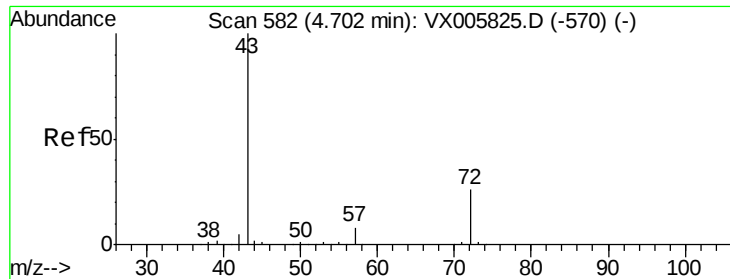


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 235.911 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005915.D

Acq: 12 Nov 2018 21:47

Instrument :

MSVOA\_X

ClientSampleId :

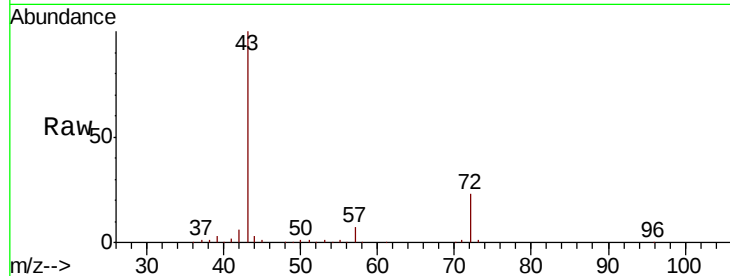
SS003MW273-181108MS

Tot Ion: 43 Resp: 239357

Ion Ratio Lower Upper

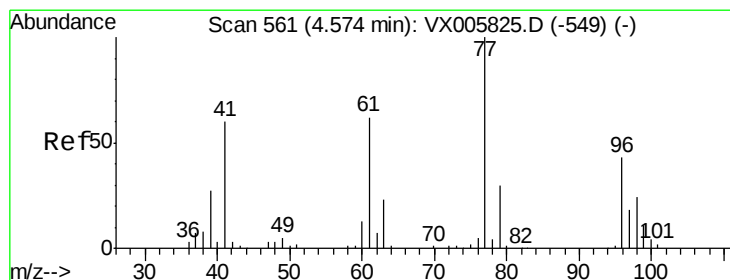
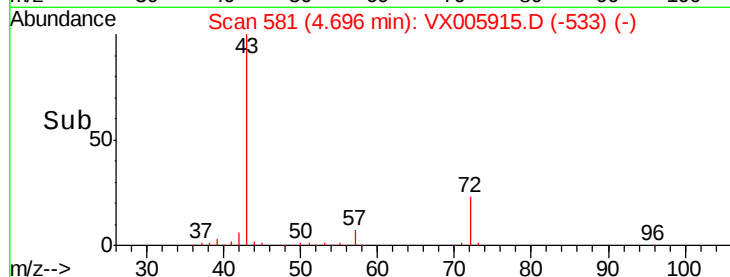
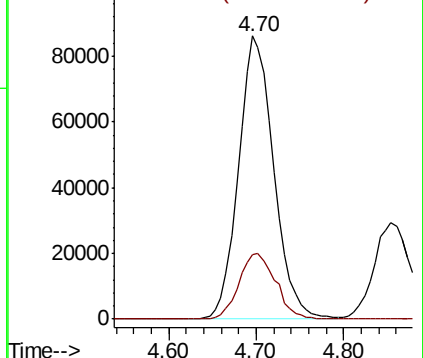
43 100

72 22.6 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 44.641 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX005915.D

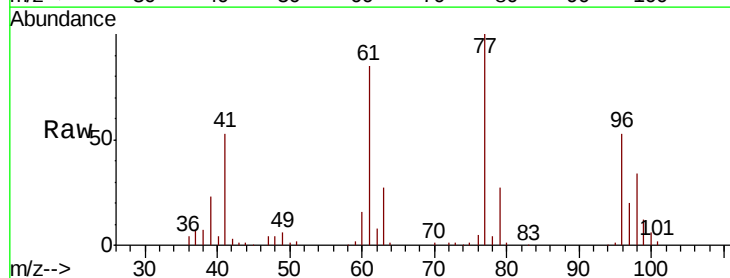
Acq: 12 Nov 2018 21:47

Tgt Ion: 77 Resp: 62991

Ion Ratio Lower Upper

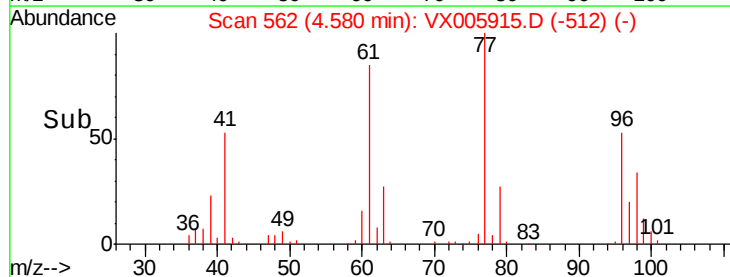
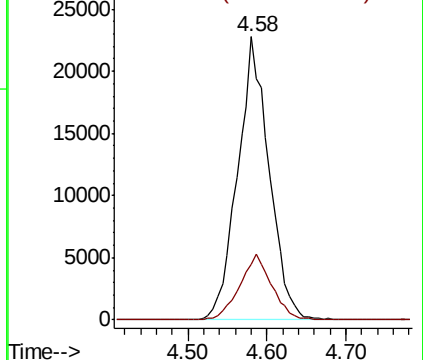
77 100

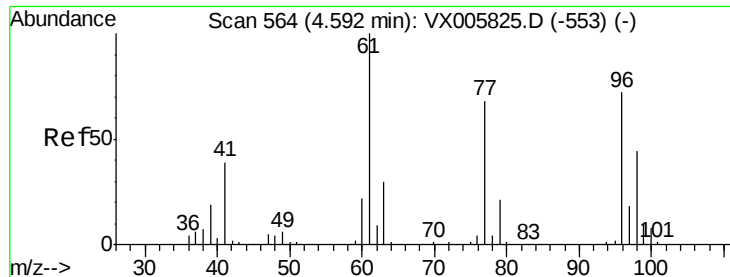
97 23.6 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



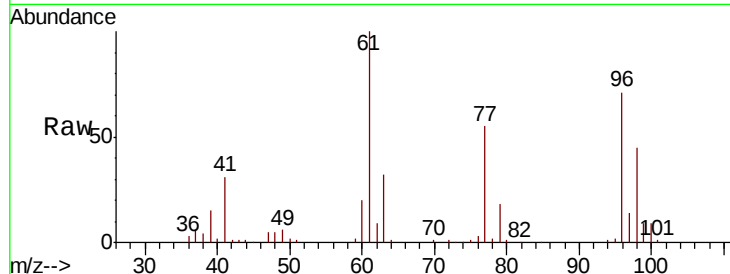


#27

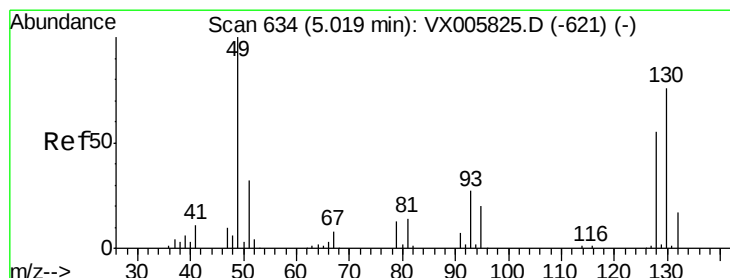
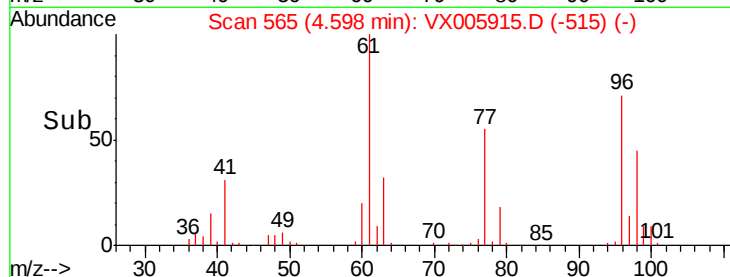
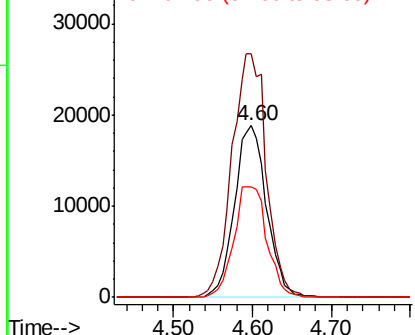
cis-1,2-Dichloroethene  
Concen: 49.733 ug/l  
RT: 4.60 min Scan# 565  
Delta R.T. 0.01 min  
Lab File: VX005915.D  
Acq: 12 Nov 2018 21:47

Instrument :  
MSVOA\_X  
ClientSampleId :  
SS003MW273-181108MS

Tot Ion: 96 Resp: 53377  
Ion Ratio Lower Upper  
96 100  
61 151.5 0.0 304.6  
98 66.4 0.0 127.4



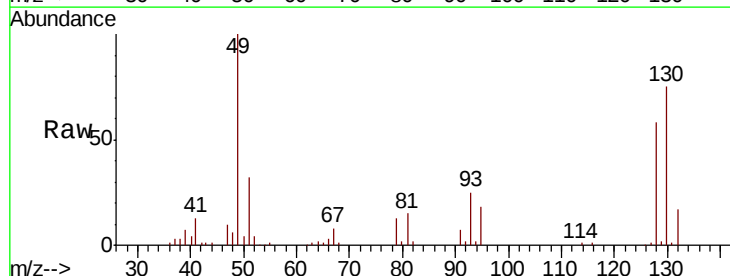
Abundance Ion 95.90 (95.60 to 96.60): VX0  
Ion 60.90 (60.60 to 61.60): VX0  
Ion 97.90 (97.60 to 98.60): VX0



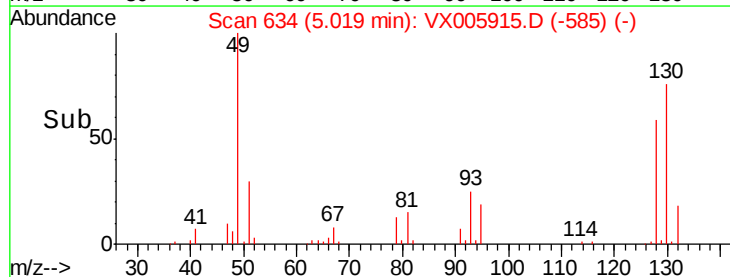
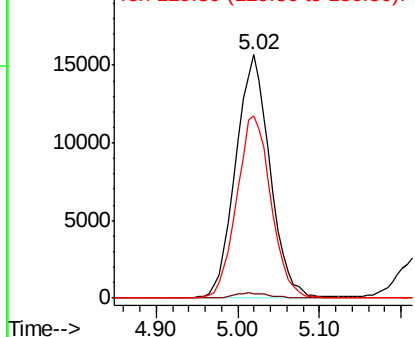
#28

Bromochloromethane  
Concen: 53.132 ug/l  
RT: 5.02 min Scan# 634  
Delta R.T. -0.00 min  
Lab File: VX005915.D  
Acq: 12 Nov 2018 21:47

Tgt Ion: 49 Resp: 45677  
Ion Ratio Lower Upper  
49 100  
129 2.0 0.0 4.0  
130 74.8 58.9 88.3



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

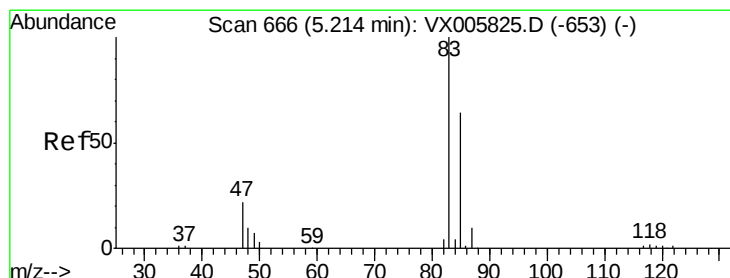
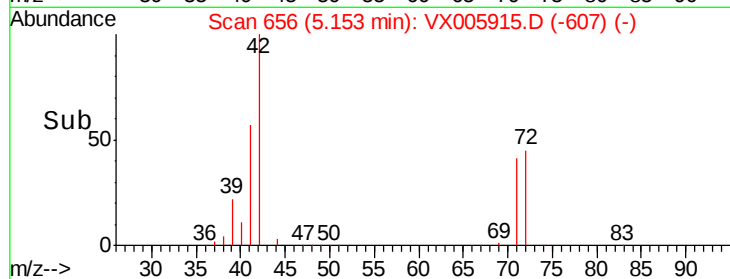
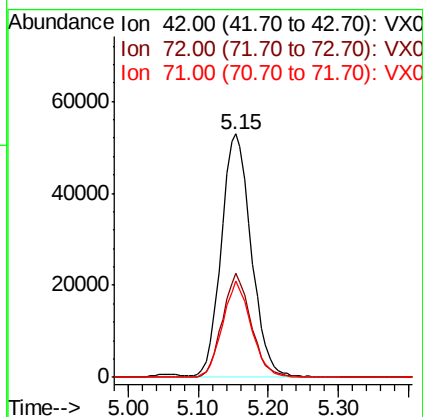
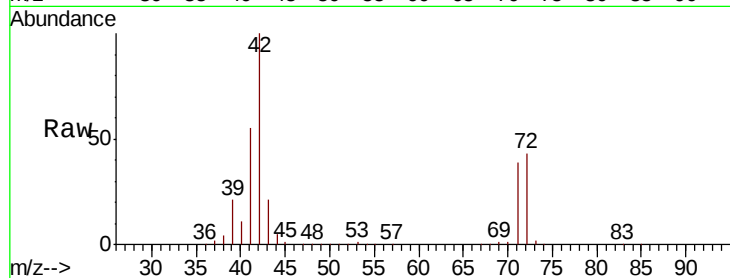




#29  
Tetrahydrofuran  
Concen: 240.935 ug/l  
RT: 5.15 min Scan# 656  
Delta R.T. -0.00 min  
Lab File: VX005915.D  
Acq: 12 Nov 2018 21:47

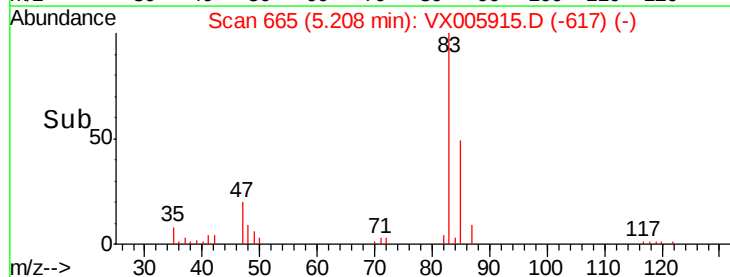
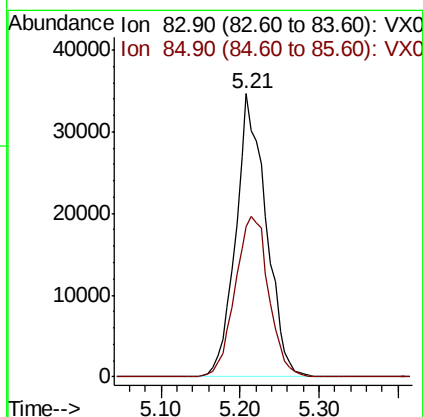
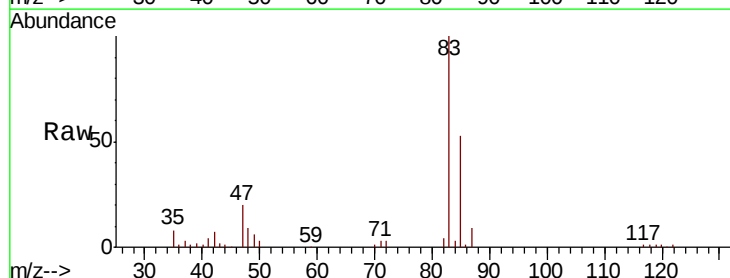
Instrument :  
MSVOA\_X  
ClientSampleId :  
SS003MW273-181108MS

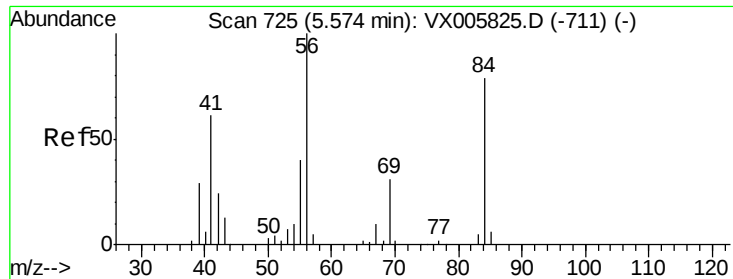
Tot Ion: 42 Resp: 156958  
Ion Ratio Lower Upper  
42 100  
72 40.9 32.0 48.0  
71 37.9 29.8 44.8



#30  
Chloroform  
Concen: 49.951 ug/l  
RT: 5.21 min Scan# 665  
Delta R.T. -0.01 min  
Lab File: VX005915.D  
Acq: 12 Nov 2018 21:47

Tgt Ion: 83 Resp: 92701  
Ion Ratio Lower Upper  
83 100  
85 53.2 50.6 76.0

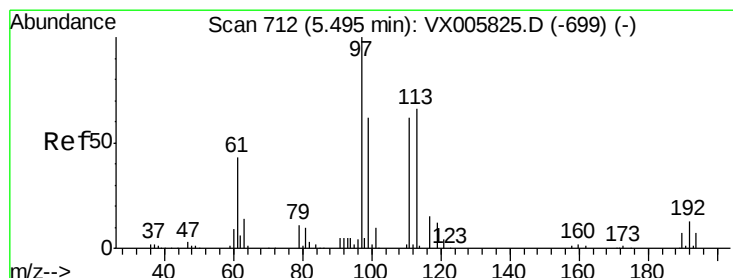
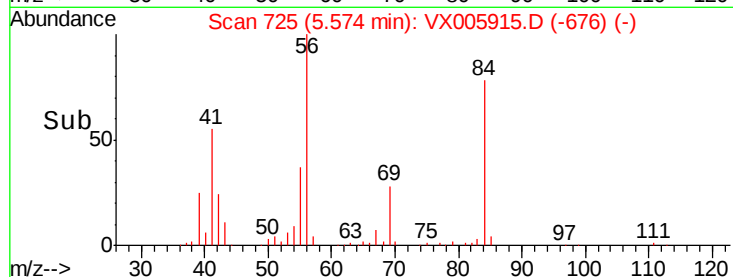
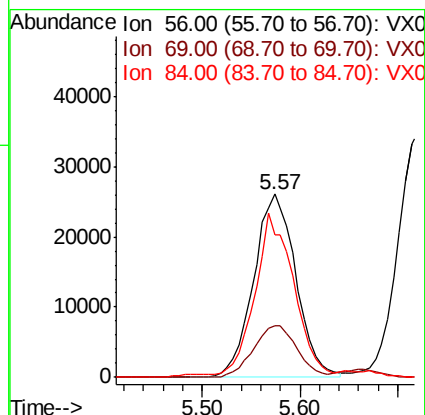
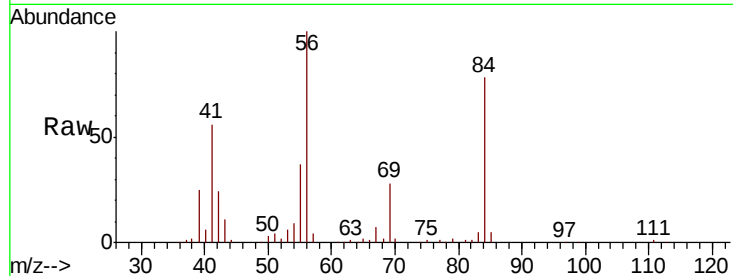




#31  
Cyclohexane  
Concen: 46.822 ug/l  
RT: 5.57 min Scan# 725  
Delta R.T. -0.00 min  
Lab File: VX005915.D  
Acq: 12 Nov 2018 21:47

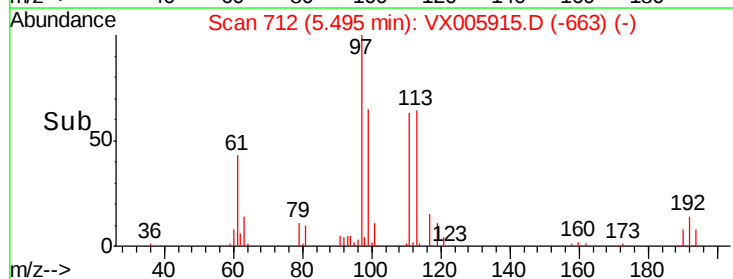
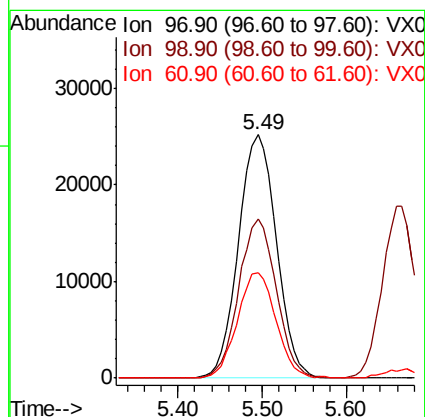
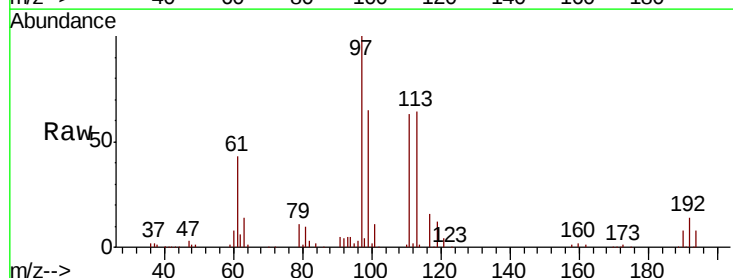
Instrument :  
MSVOA\_X  
ClientSampleId :  
SS003MW273-181108MS

Tot Ion: 56 Resp: 78182  
Ion Ratio Lower Upper  
56 100  
69 28.2 22.6 34.0  
84 76.7 62.7 94.1



#32  
1,1,1-Trichloroethane  
Concen: 49.851 ug/l  
RT: 5.49 min Scan# 712  
Delta R.T. -0.00 min  
Lab File: VX005915.D  
Acq: 12 Nov 2018 21:47

Tgt Ion: 97 Resp: 77167  
Ion Ratio Lower Upper  
97 100  
99 64.5 52.3 78.5  
61 44.0 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 50.473 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX005915.D

Acq: 12 Nov 2018 21:47

Instrument :

MSVOA\_X

ClientSampleId :

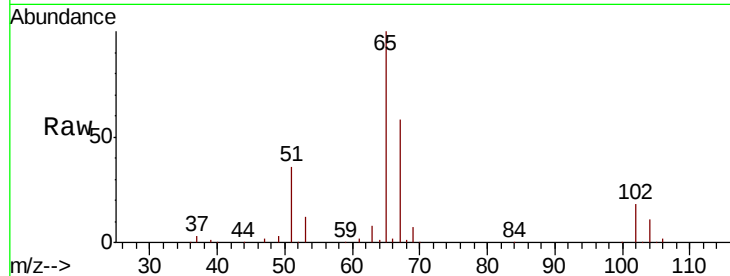
SS003MW273-181108MS

Tot Ion: 65 Resp: 60497

Ion Ratio Lower Upper

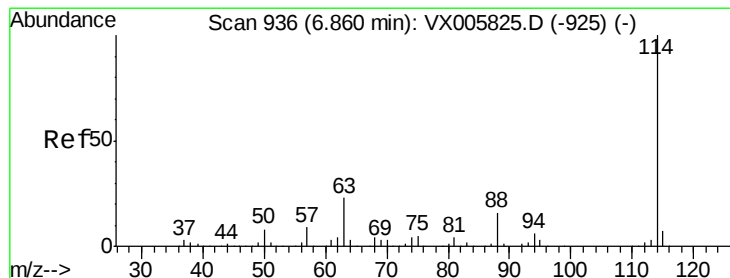
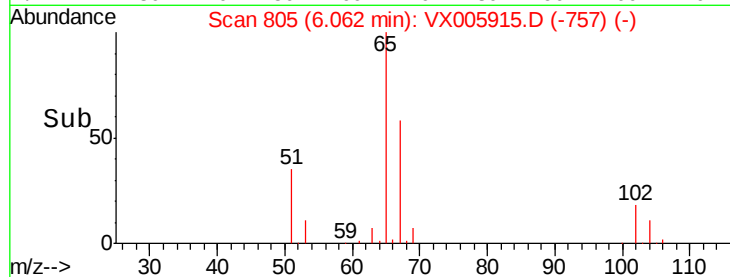
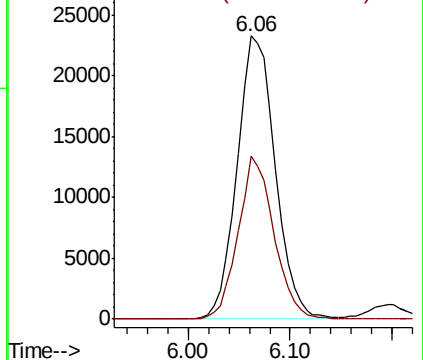
65 100

67 53.9 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX005915.D

Acq: 12 Nov 2018 21:47

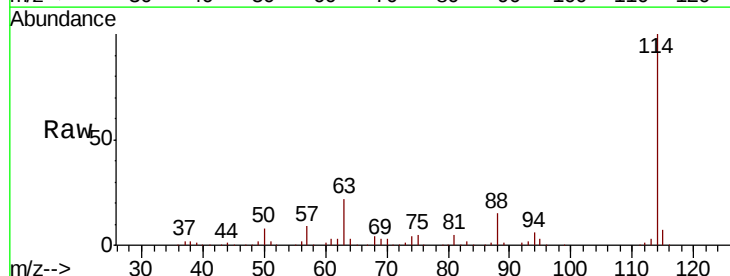
Tgt Ion: 114 Resp: 144564

Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.8

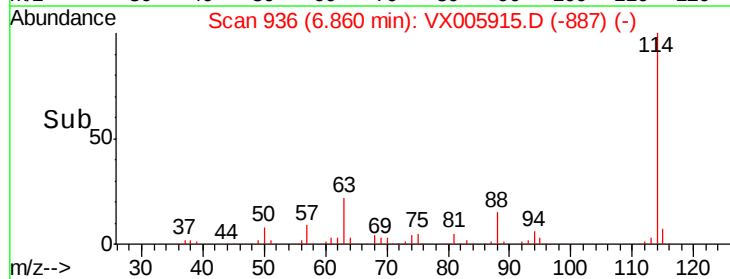
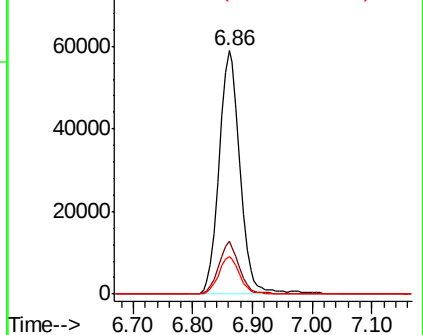
88 15.3 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

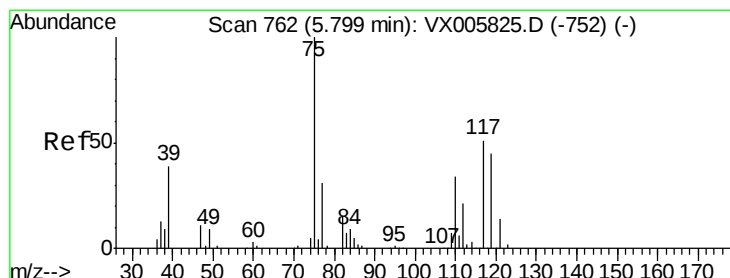
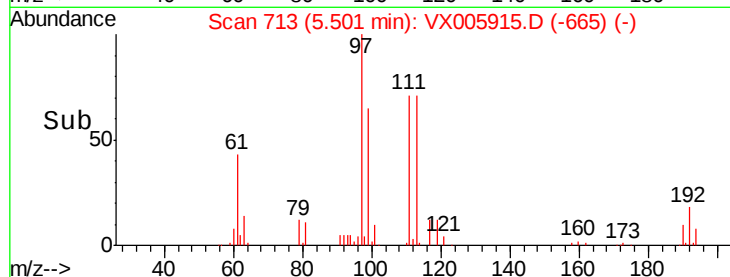
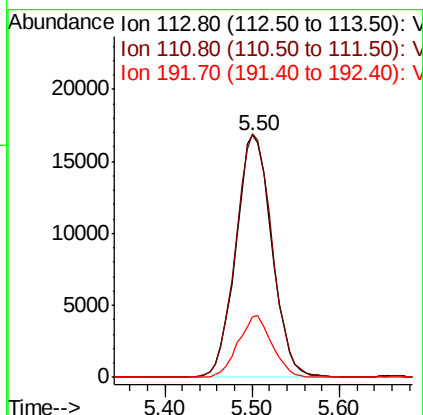
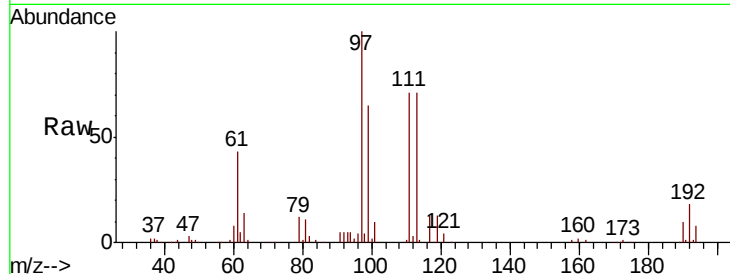




#35  
 Dibromofluoromethane  
 Concen: 48.928 ug/l  
 RT: 5.50 min Scan# 713  
 Delta R.T. -0.01 min  
 Lab File: VX005915.D  
 Acq: 12 Nov 2018 21:47

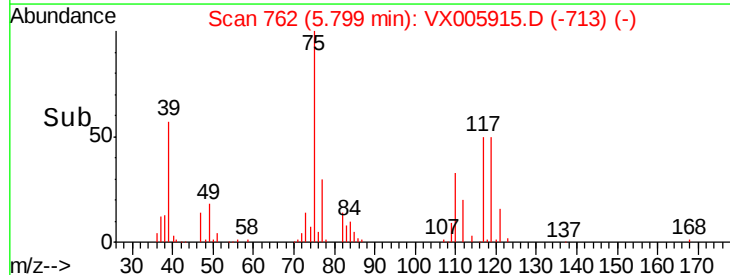
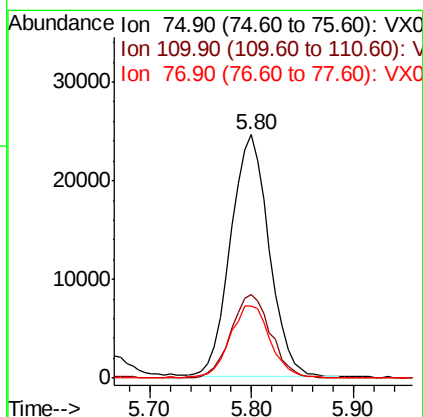
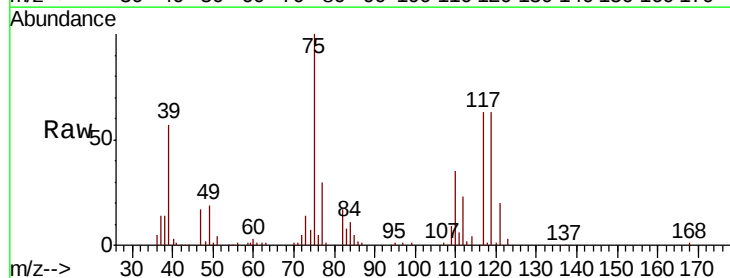
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SS003MW273-181108MS

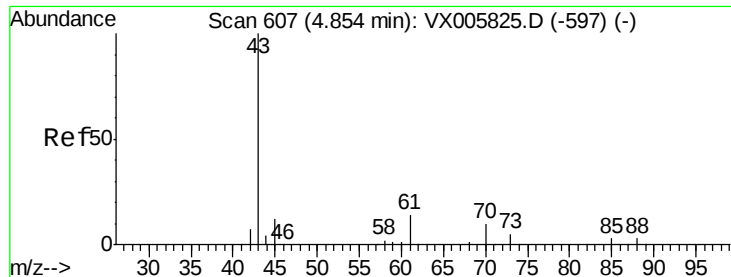
Tot Ion:113 Resp: 48109  
 Ion Ratio Lower Upper  
 113 100  
 111 101.3 82.3 123.5  
 192 23.8 17.9 26.9



#36  
 1,1-Dichloropropene  
 Concen: 46.199 ug/l  
 RT: 5.80 min Scan# 762  
 Delta R.T. -0.00 min  
 Lab File: VX005915.D  
 Acq: 12 Nov 2018 21:47

Tgt Ion: 75 Resp: 64384  
 Ion Ratio Lower Upper  
 75 100  
 110 35.9 17.4 52.2  
 77 31.8 25.8 38.6

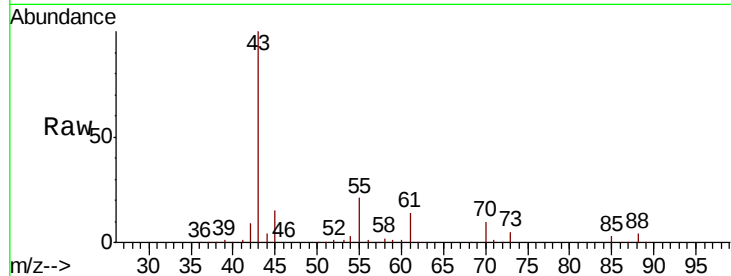




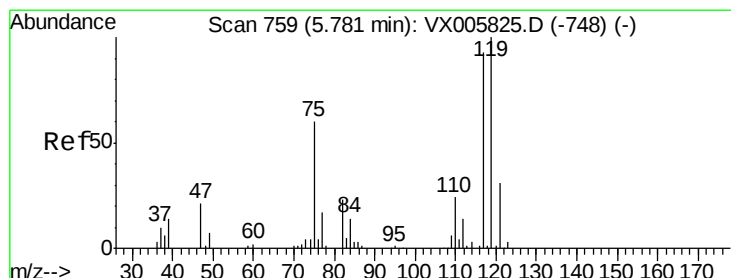
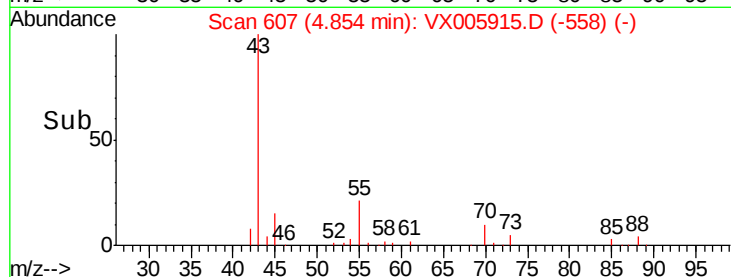
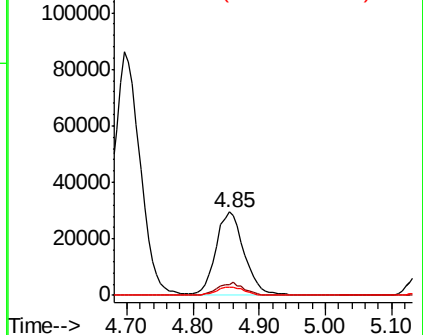
#37  
Ethyl Acetate  
Concen: 47.422 ug/l  
RT: 4.85 min Scan# 607  
Delta R.T. -0.00 min  
Lab File: VX005915.D  
Acq: 12 Nov 2018 21:47

Instrument :  
MSVOA\_X  
ClientSampleId :  
SS003MW273-181108MS

Tot Ion: 43 Resp: 86909  
Ion Ratio Lower Upper  
43 100  
61 14.4 10.8 16.2  
70 10.1 7.8 11.8

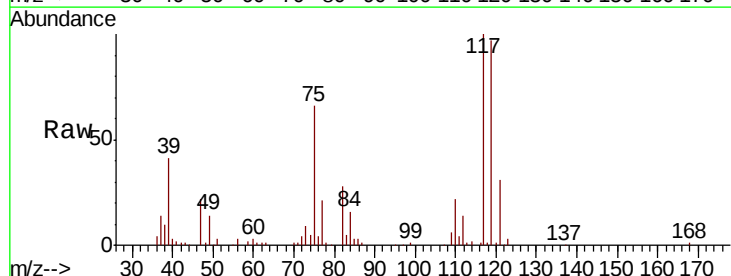


Abundance Ion 43.00 (42.70 to 43.70): VX0  
Ion 60.90 (60.60 to 61.60): VX0  
Ion 70.00 (69.70 to 70.70): VX0

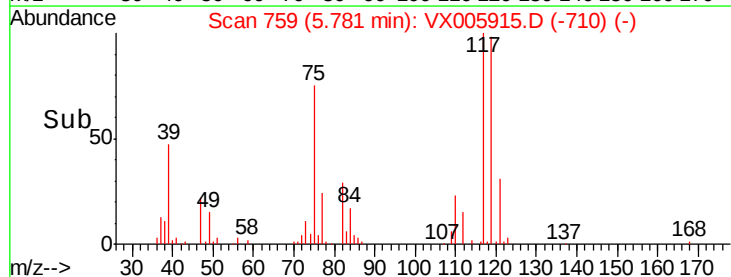
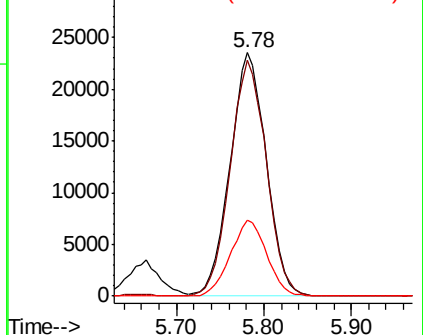


#38  
Carbon Tetrachloride  
Concen: 48.476 ug/l  
RT: 5.78 min Scan# 759  
Delta R.T. -0.00 min  
Lab File: VX005915.D  
Acq: 12 Nov 2018 21:47

Tgt Ion: 117 Resp: 67633  
Ion Ratio Lower Upper  
117 100  
119 97.1 78.1 117.1  
121 30.9 24.6 36.8



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

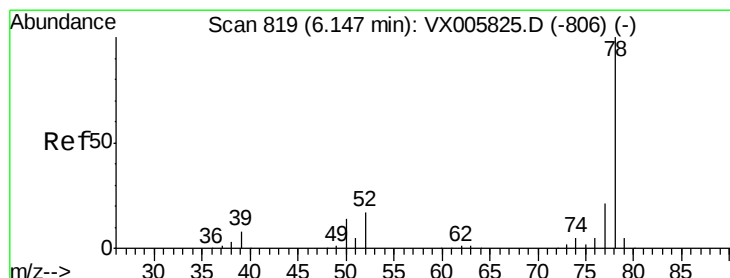
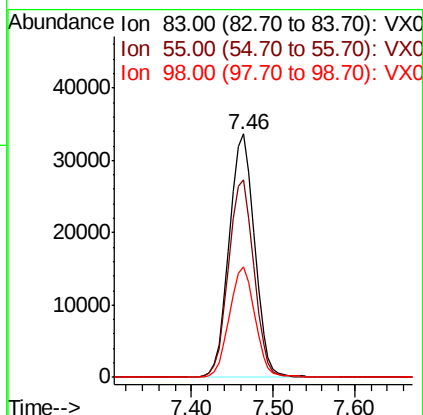
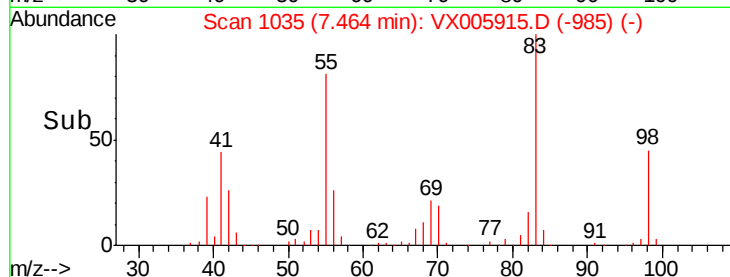
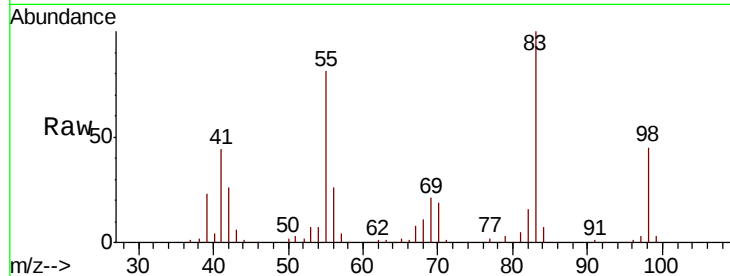




#39  
Methvlcvclohexane  
Concen: 51.375 ug/l  
RT: 7.46 min Scan# 1035  
Delta R.T. 0.01 min  
Lab File: VX005915.D  
Acq: 12 Nov 2018 21:47

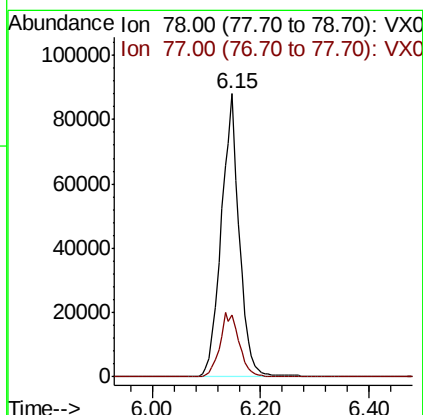
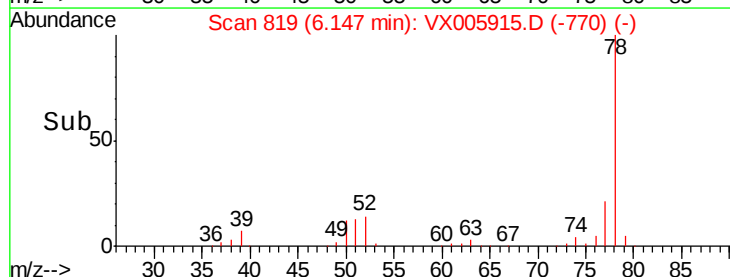
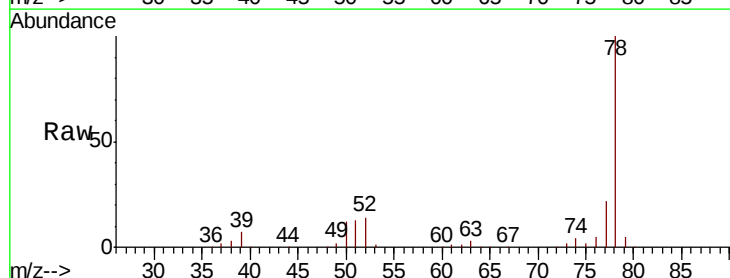
Instrument :  
MSVOA\_X  
ClientSampleId :  
SS003MW273-181108MS

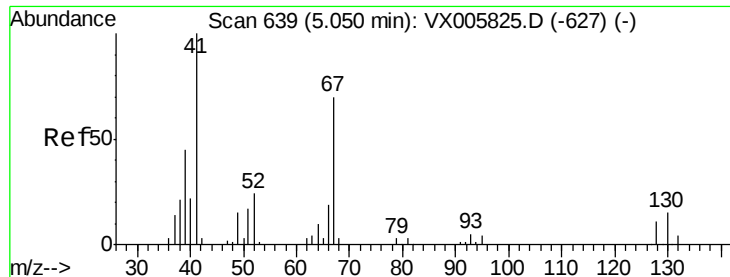
Tot Ion: 83 Resp: 72566  
Ion Ratio Lower Upper  
83 100  
55 81.2 63.7 95.5  
98 45.5 36.2 54.2



#40  
Benzene  
Concen: 49.595 ug/l  
RT: 6.15 min Scan# 819  
Delta R.T. -0.00 min  
Lab File: VX005915.D  
Acq: 12 Nov 2018 21:47

Tgt Ion: 78 Resp: 201491  
Ion Ratio Lower Upper  
78 100  
77 21.7 18.4 27.6

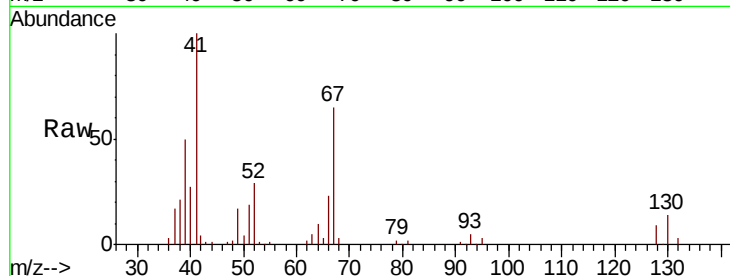




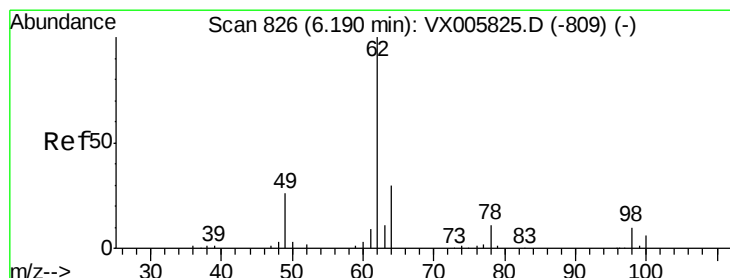
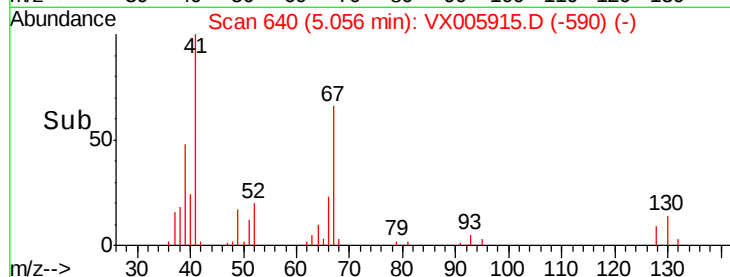
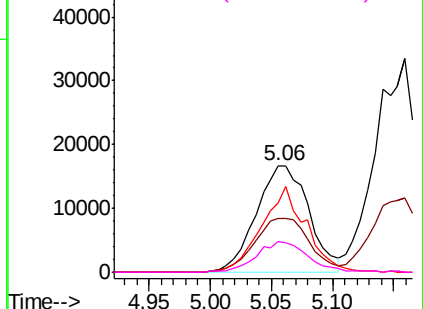
#41  
Methacrylonitrile  
Concen: 50.824 ug/l  
RT: 5.06 min Scan# 640  
Delta R.T. 0.01 min  
Lab File: VX005915.D  
Acq: 12 Nov 2018 21:47

Instrument :  
MSVOA\_X  
ClientSampleId :  
SS003MW273-181108MS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 50329 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 52.4  | 42.2  | 63.2  |
| 67       | 68.1  | 53.4  | 80.0  |
| 52       | 28.8  | 23.4  | 35.2  |

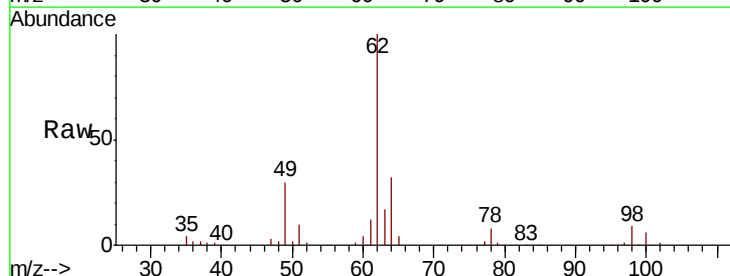


Abundance Ion 41.00 (40.70 to 41.70): VX0  
Ion 39.00 (38.70 to 39.70): VX0  
Ion 67.00 (66.70 to 67.70): VX0  
Ion 52.00 (51.70 to 52.70): VX0

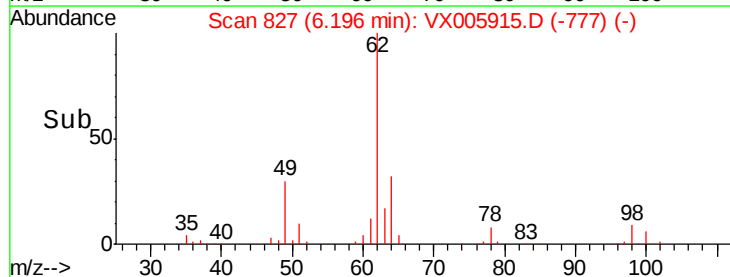
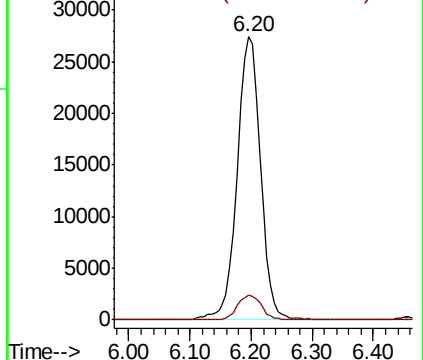


#42  
1,2-Dichloroethane  
Concen: 49.540 ug/l  
RT: 6.20 min Scan# 827  
Delta R.T. 0.01 min  
Lab File: VX005915.D  
Acq: 12 Nov 2018 21:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 72090 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.0   | 0.0   | 17.8  |



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



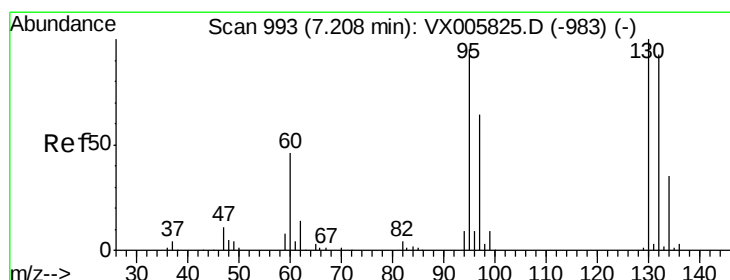
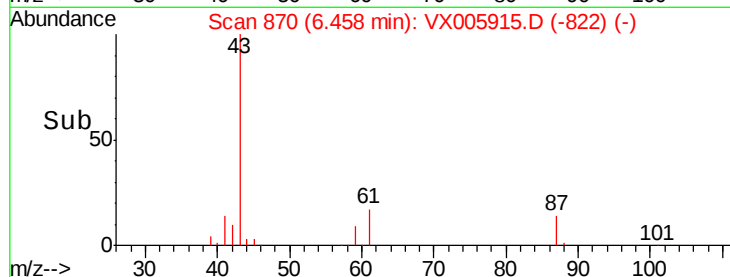
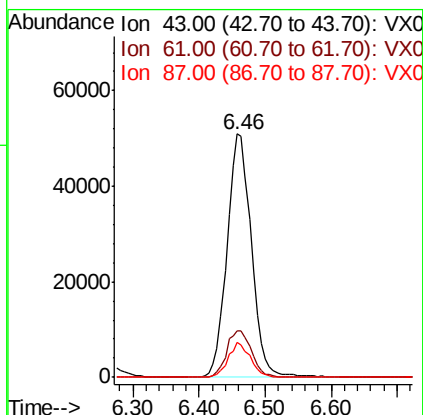
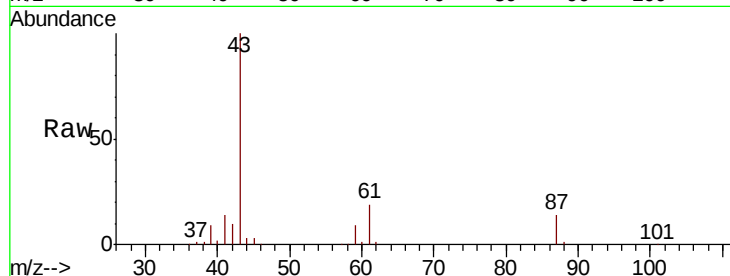


#43

Isopropyl Acetate  
 Concen: 49.005 ug/l  
 RT: 6.46 min Scan# 870  
 Delta R.T. -0.01 min  
 Lab File: VX005915.D  
 Acq: 12 Nov 2018 21:47

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SS003MW273-181108MS

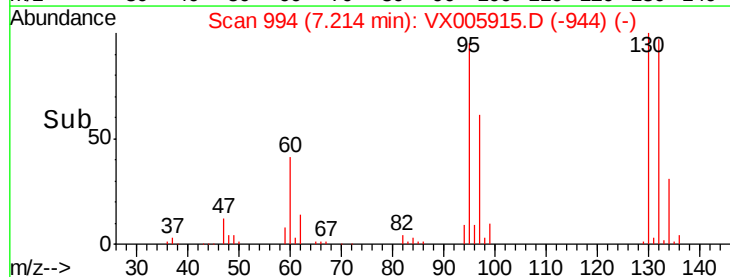
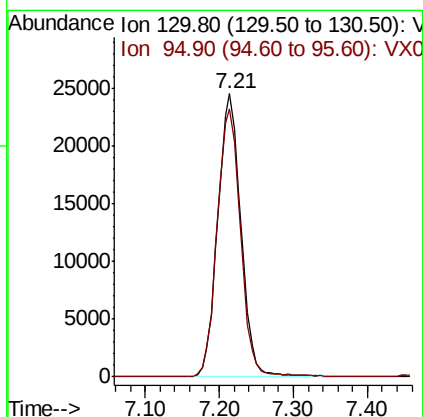
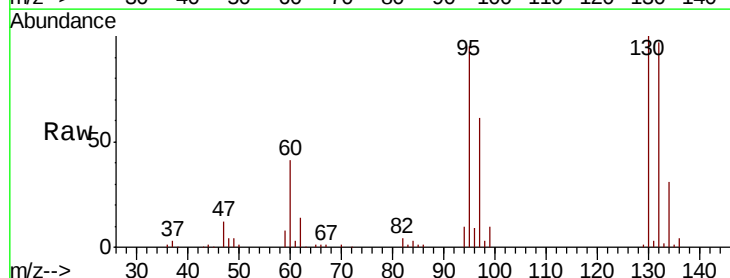
Tot Ion: 43 Resp: 130135  
 Ion Ratio Lower Upper  
 43 100  
 61 19.6 14.6 22.0  
 87 13.0 9.6 14.4

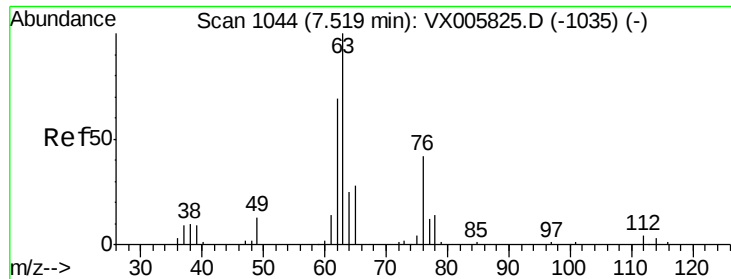


#44

Trichloroethene  
 Concen: 51.248 ug/l  
 RT: 7.21 min Scan# 994  
 Delta R.T. 0.01 min  
 Lab File: VX005915.D  
 Acq: 12 Nov 2018 21:47

Tgt Ion:130 Resp: 52875  
 Ion Ratio Lower Upper  
 130 100  
 95 94.8 0.0 194.2

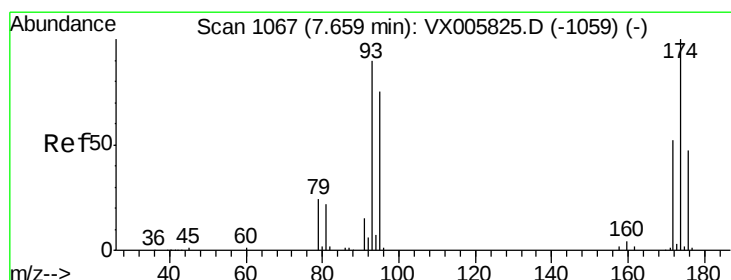
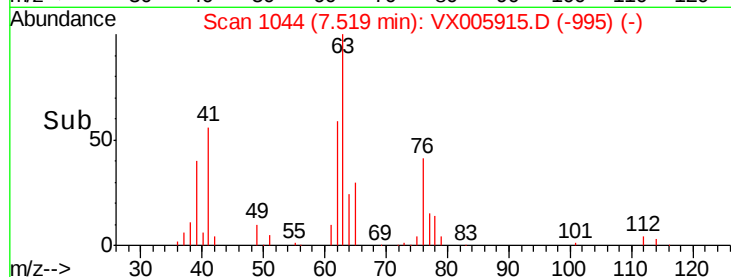
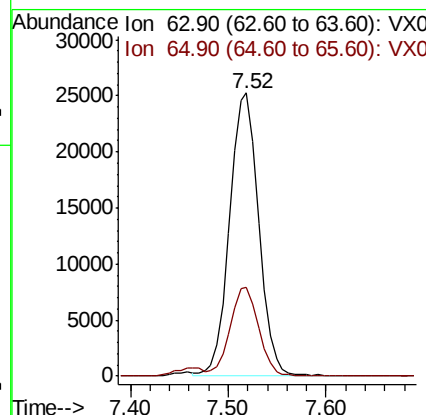
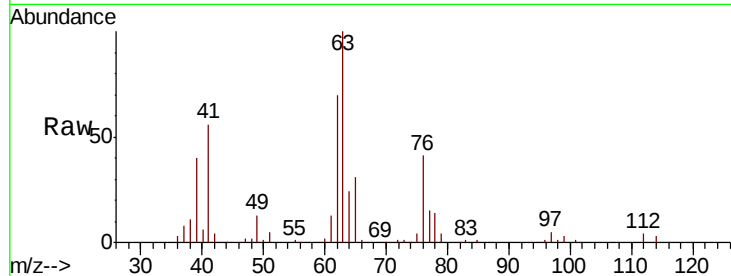




#45  
 1,2-Dichloropropane  
 Concen: 52.990 ug/l  
 RT: 7.52 min Scan# 1044  
 Delta R.T. -0.00 min  
 Lab File: VX005915.D  
 Acq: 12 Nov 2018 21:47

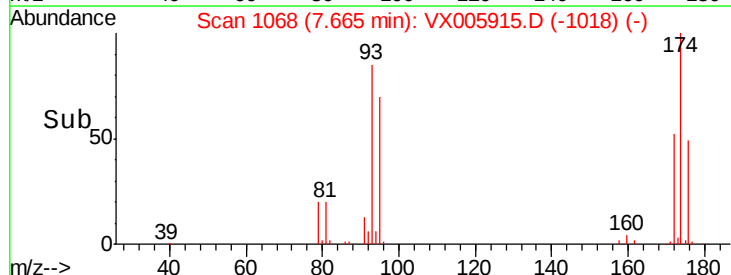
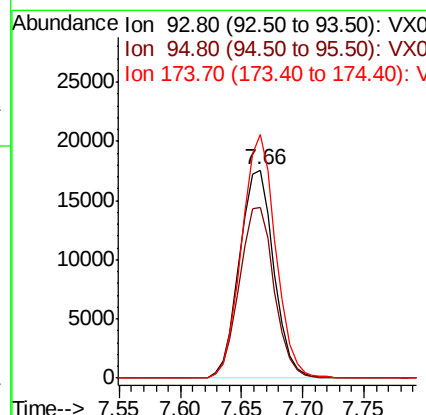
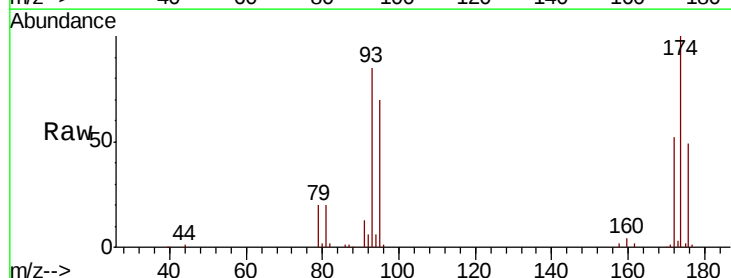
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SS003MW273-181108MS

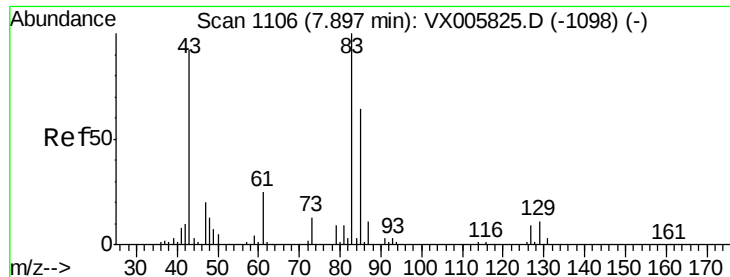
Tot Ion: 63 Resp: 52254  
 Ion Ratio Lower Upper  
 63 100  
 65 31.2 24.8 37.2



#46  
 Dibromomethane  
 Concen: 55.491 ug/l  
 RT: 7.66 min Scan# 1068  
 Delta R.T. 0.01 min  
 Lab File: VX005915.D  
 Acq: 12 Nov 2018 21:47

Tgt Ion: 93 Resp: 34337  
 Ion Ratio Lower Upper  
 93 100  
 95 82.9 67.4 101.0  
 174 115.2 91.5 137.3





#47

Bromodichloromethane

Concen: 57.052 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005915.D

Acq: 12 Nov 2018 21:47

Instrument :

MSVOA\_X

ClientSampleId :

SS003MW273-181108MS

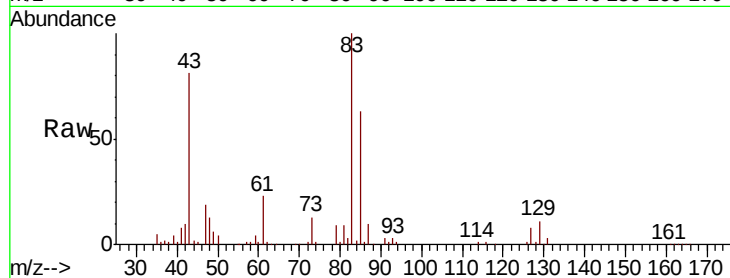
Tot Ion: 83 Resp: 66718

Ion Ratio Lower Upper

83 100

85 62.8 50.2 75.4

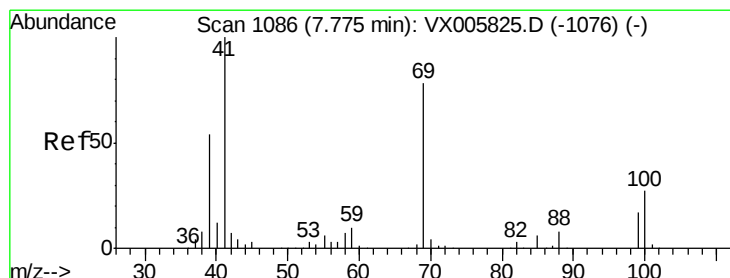
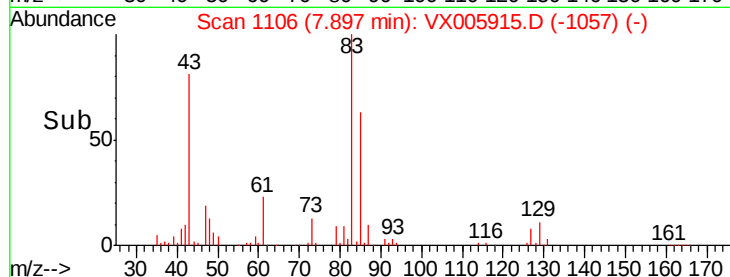
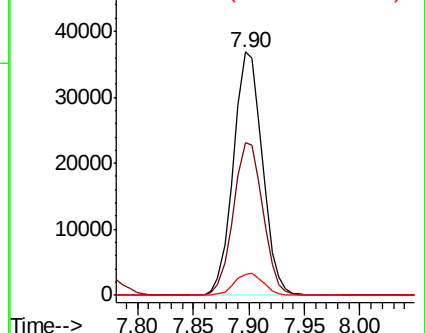
127 8.4 6.9 10.3



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: 57.827 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX005915.D

Acq: 12 Nov 2018 21:47

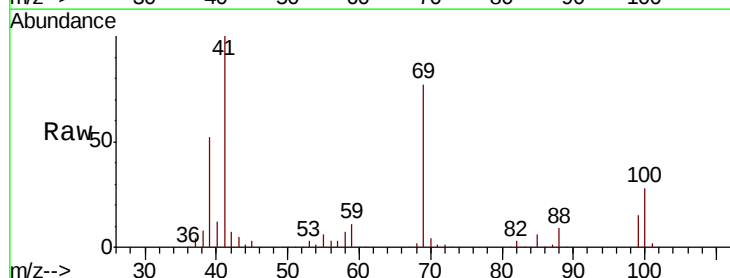
Tgt Ion: 41 Resp: 68953

Ion Ratio Lower Upper

41 100

69 78.5 63.2 94.8

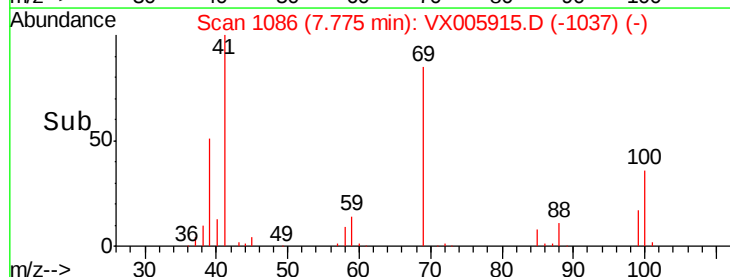
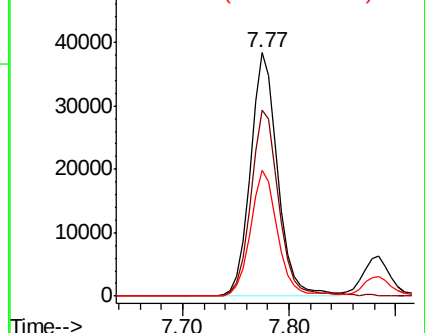
39 51.6 42.2 63.2



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

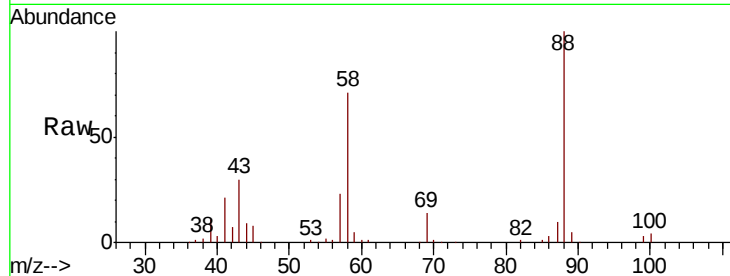




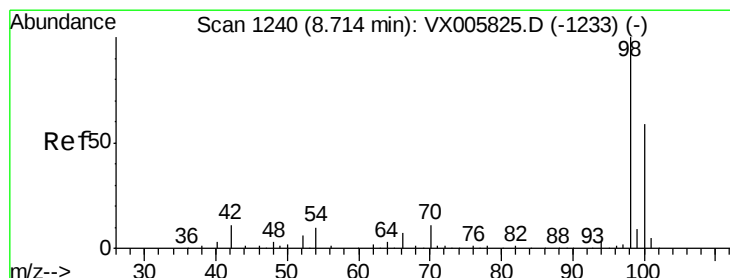
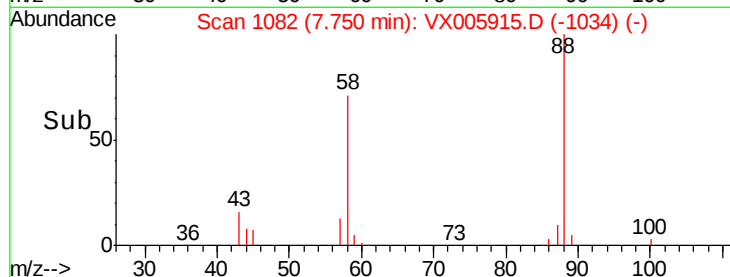
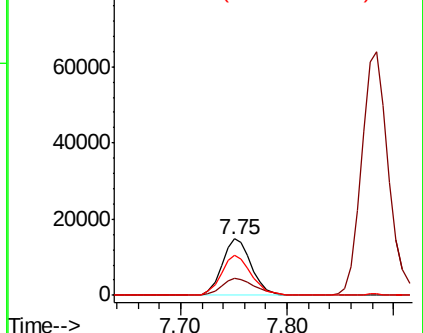
#49  
1,4-Dioxane  
Concen: 1094.487 ug/l  
RT: 7.75 min Scan# 1082  
Delta R.T. -0.01 min  
Lab File: VX005915.D  
Acq: 12 Nov 2018 21:47

Instrument :  
MSVOA\_X  
ClientSampleId :  
SS003MW273-181108MS

Tot Ion: 88 Resp: 28122  
Ion Ratio Lower Upper  
88 100  
43 35.4 27.4 41.0  
58 73.4 59.4 89.2

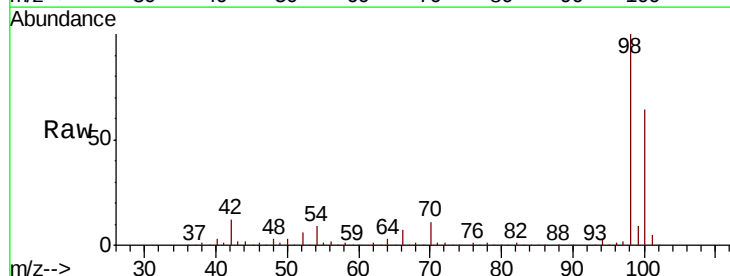


Abundance Ion 88.00 (87.70 to 88.70): VX0  
Ion 43.00 (42.70 to 43.70): VX0  
Ion 58.00 (57.70 to 58.70): VX0

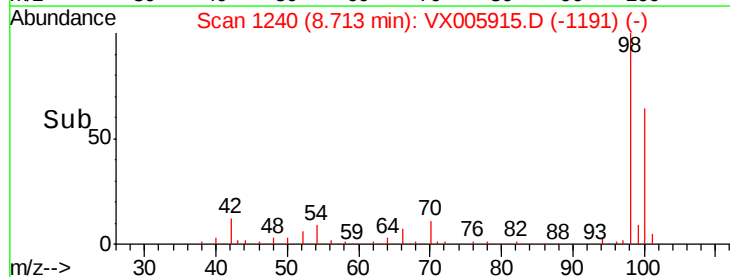
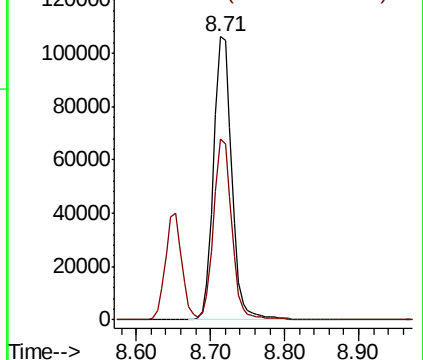


#50  
Toluene-d8  
Concen: 54.560 ug/l  
RT: 8.71 min Scan# 1240  
Delta R.T. -0.00 min  
Lab File: VX005915.D  
Acq: 12 Nov 2018 21:47

Tgt Ion: 98 Resp: 178351  
Ion Ratio Lower Upper  
98 100  
100 64.4 51.3 76.9



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





#51

4-Methyl-2-Pentanone

Concen: 276.533 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX005915.D

Acq: 12 Nov 2018 21:47

Instrument :

MSVOA\_X

ClientSampleId :

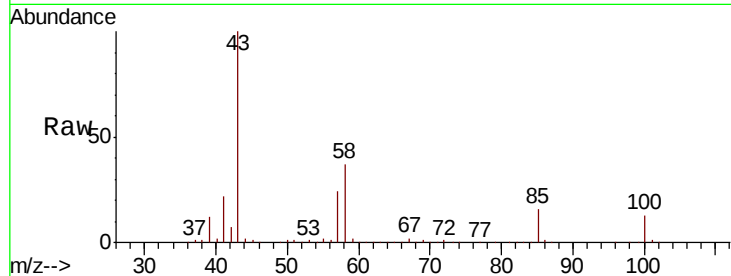
SS003MW273-181108MS

Tot Ion: 43 Resp: 462813

Ion Ratio Lower Upper

43 100

58 37.2 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX005825.D (-1219) (-)

Ion 58.00 (57.70 to 58.70): VX005825.D (-1219) (-)

8.65

300000

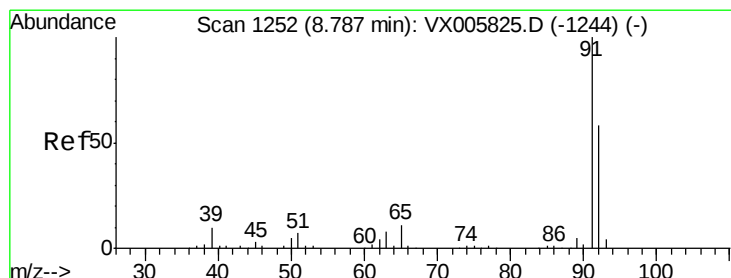
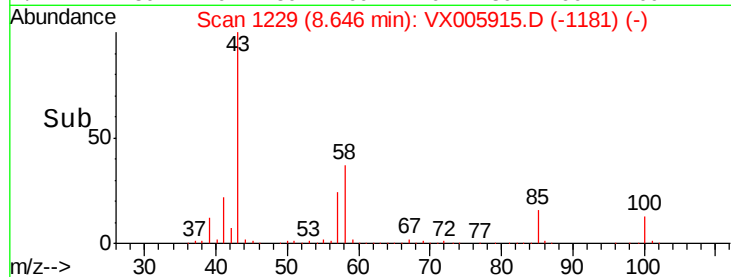
200000

100000

0

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 53.432 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005915.D

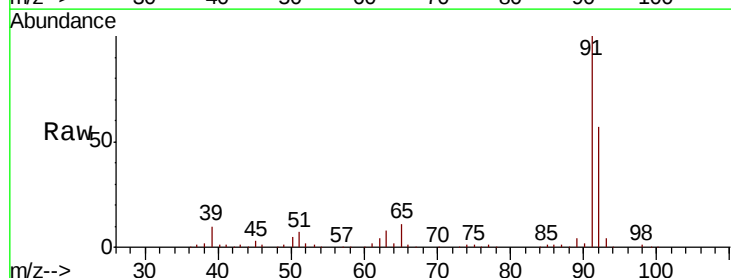
Acq: 12 Nov 2018 21:47

Tgt Ion: 92 Resp: 121325

Ion Ratio Lower Upper

92 100

91 175.7 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX005825.D (-1244) (-)

Ion 91.00 (90.70 to 91.70): VX005825.D (-1244) (-)

8.79

150000

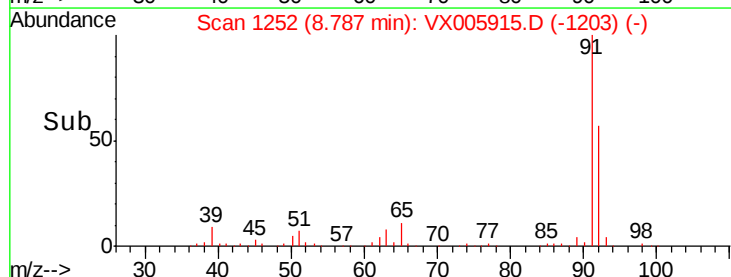
100000

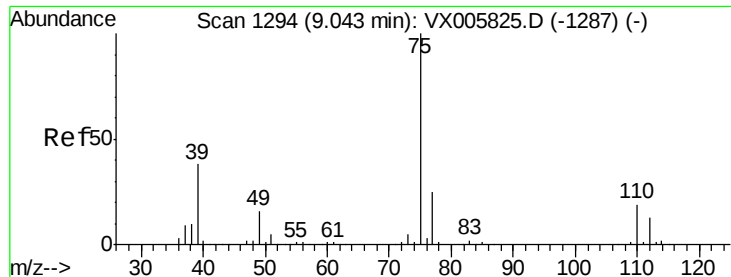
50000

0

8.70 8.80 8.90 9.00

Time-->

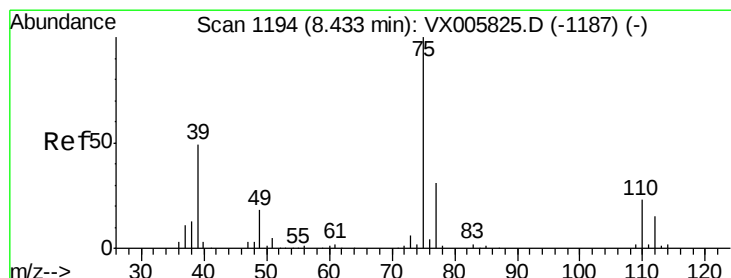
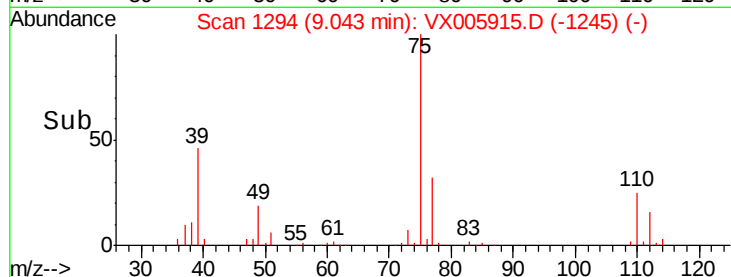
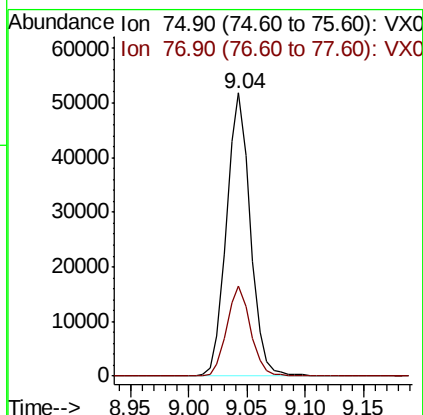
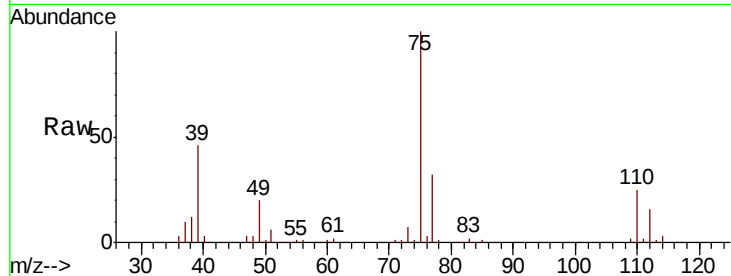




#53  
 t-1,3-Dichloropropene  
 Concen: 53.518 ug/l  
 RT: 9.04 min Scan# 1294  
 Delta R.T. -0.00 min  
 Lab File: VX005915.D  
 Acq: 12 Nov 2018 21:47

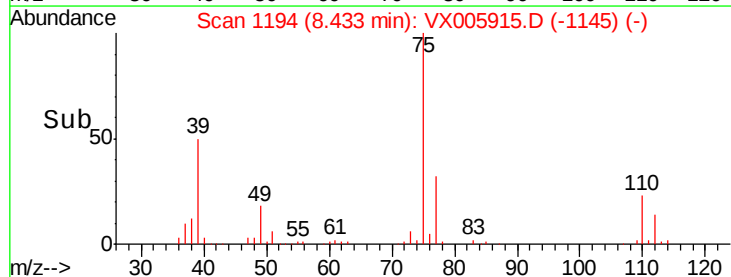
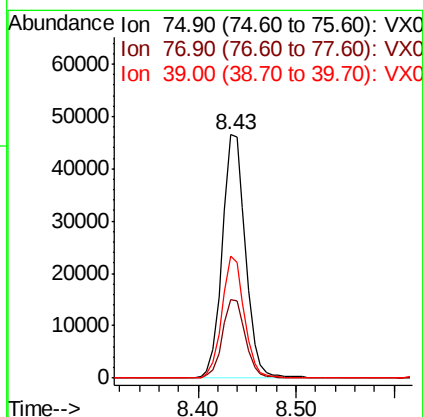
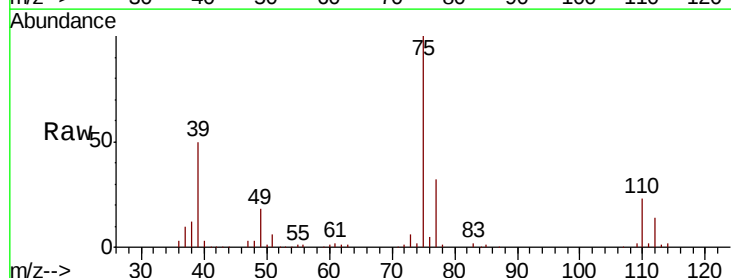
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SS003MW273-181108MS

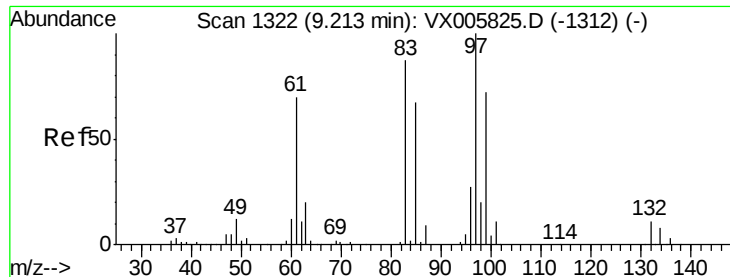
Tot Ion: 75 Resp: 73856  
 Ion Ratio Lower Upper  
 75 100  
 77 31.7 25.4 38.2



#54  
 cis-1,3-Dichloropropene  
 Concen: 54.438 ug/l  
 RT: 8.43 min Scan# 1194  
 Delta R.T. -0.00 min  
 Lab File: VX005915.D  
 Acq: 12 Nov 2018 21:47

Tgt Ion: 75 Resp: 76572  
 Ion Ratio Lower Upper  
 75 100  
 77 32.3 25.2 37.8  
 39 50.1 38.2 57.2

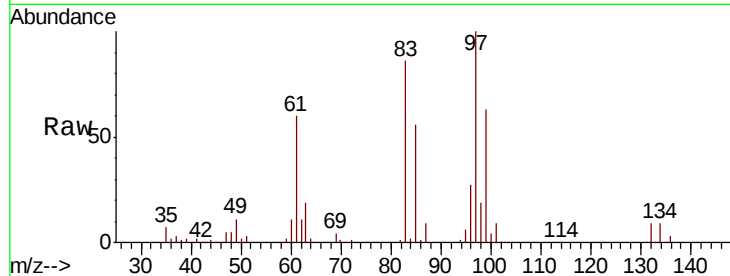




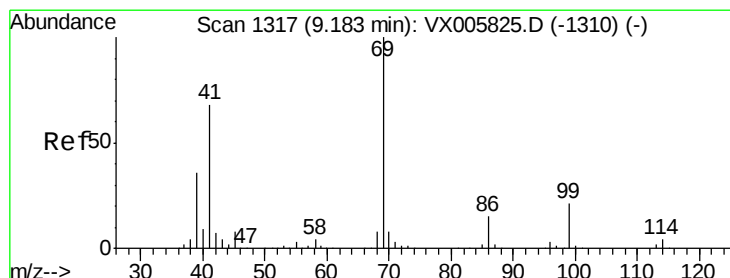
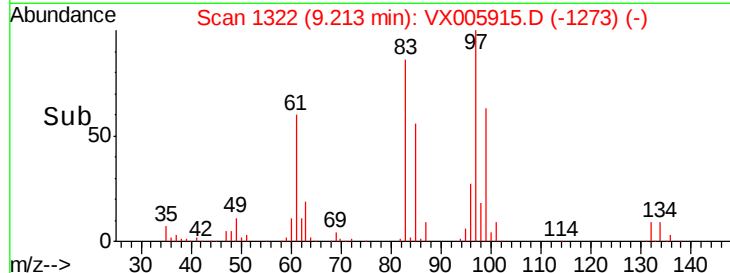
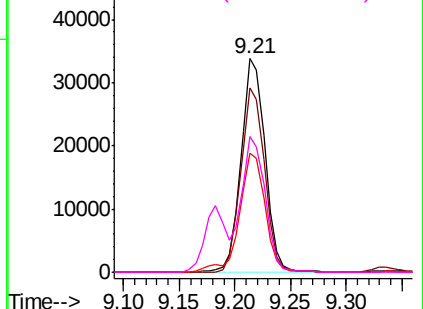
#55  
 1,1,2-Trichloroethane  
 Concen: 50.088 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. -0.00 min  
 Lab File: VX005915.D  
 Acq: 12 Nov 2018 21:47

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SS003MW273-181108MS

Tot Ion: 97 Resp: 50687  
 Ion Ratio Lower Upper  
 97 100  
 83 86.1 70.7 106.1  
 85 55.9 45.8 68.6  
 99 63.1 51.8 77.8

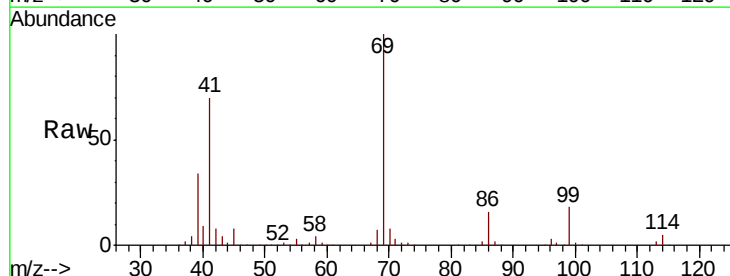


Abundance Ion 96.90 (96.60 to 97.60): VX0  
 Ion 82.90 (82.60 to 83.60): VX0  
 Ion 84.90 (84.60 to 85.60): VX0  
 Ion 98.90 (98.60 to 99.60): VX0

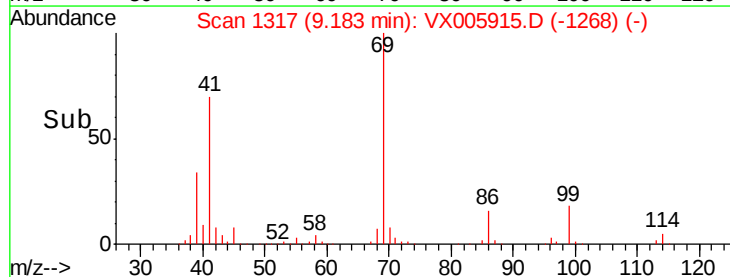
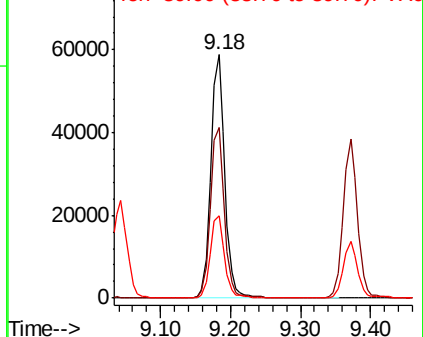


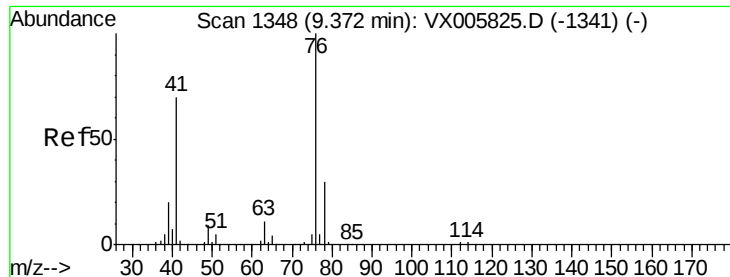
#56  
 Ethyl methacrylate  
 Concen: 53.600 ug/l  
 RT: 9.18 min Scan# 1317  
 Delta R.T. -0.00 min  
 Lab File: VX005915.D  
 Acq: 12 Nov 2018 21:47

Tgt Ion: 69 Resp: 81158  
 Ion Ratio Lower Upper  
 69 100  
 41 71.1 57.0 85.6  
 39 34.6 28.3 42.5



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





#57

1,3-Dichloropropane

Concen: 50.476 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005915.D

Acq: 12 Nov 2018 21:47

Instrument :

MSVOA\_X

ClientSampleId :

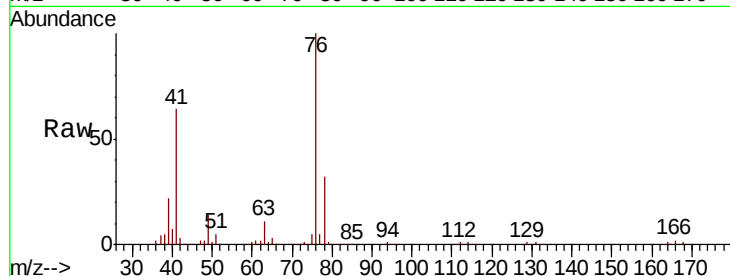
SS003MW273-181108MS

Tot Ion: 76 Resp: 85839

Ion Ratio Lower Upper

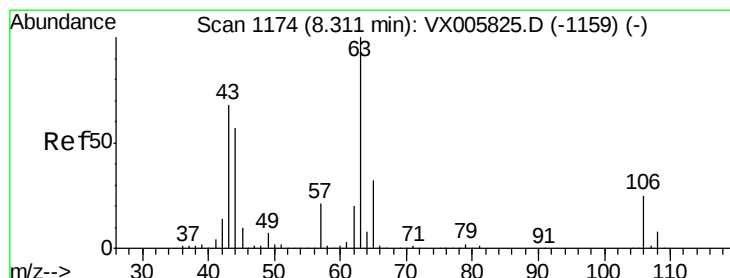
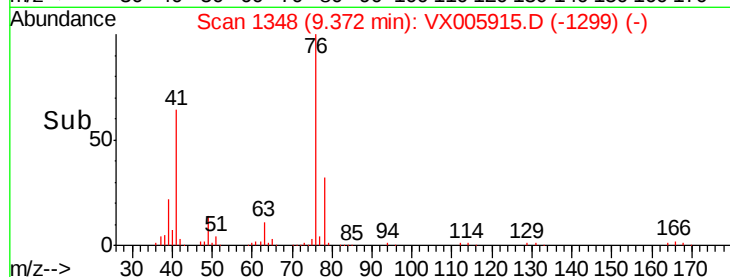
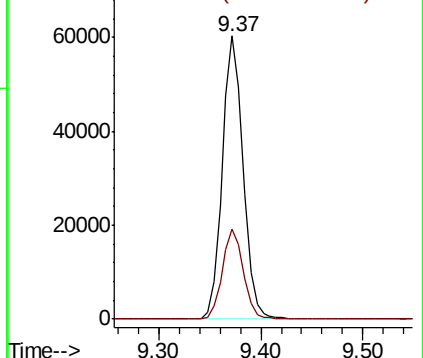
76 100

78 32.1 25.3 37.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 8.727 ug/l

RT: 8.29 min Scan# 1170

Delta R.T. -0.02 min

Lab File: VX005915.D

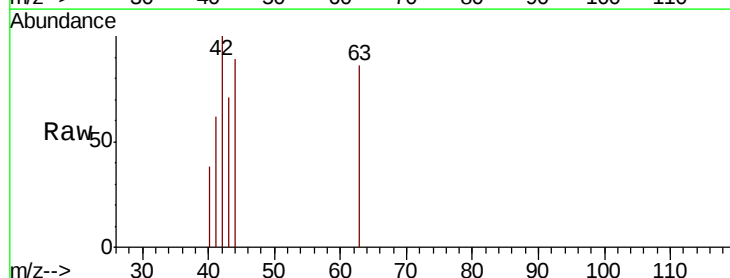
Acq: 12 Nov 2018 21:47

Tgt Ion: 63 Resp: 383

Ion Ratio Lower Upper

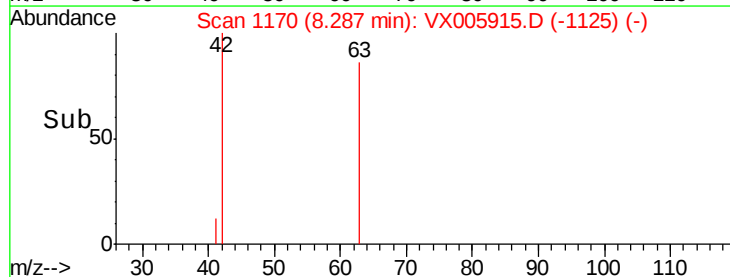
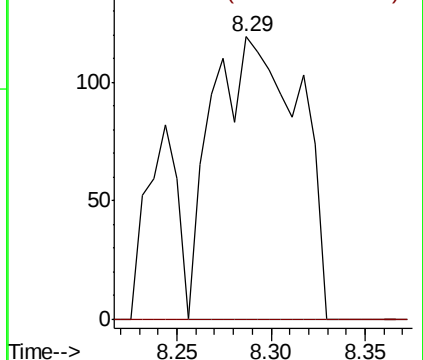
63 100

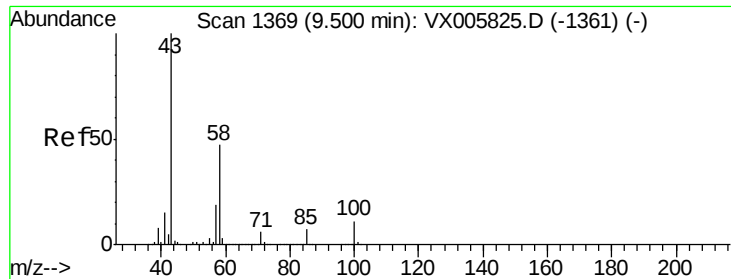
106 0.0 21.3 31.9#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

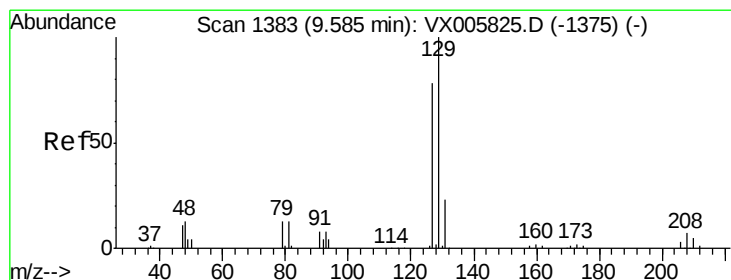
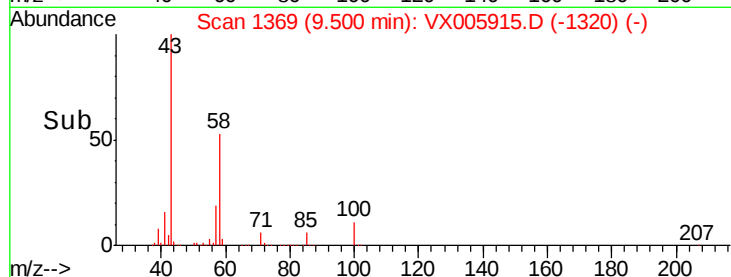
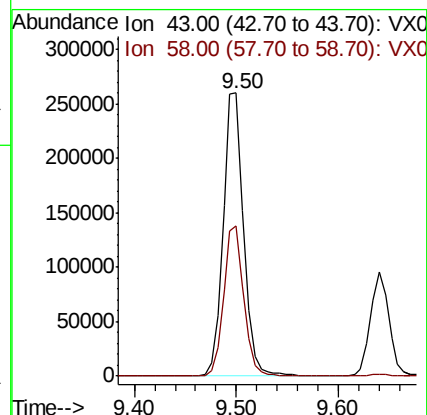
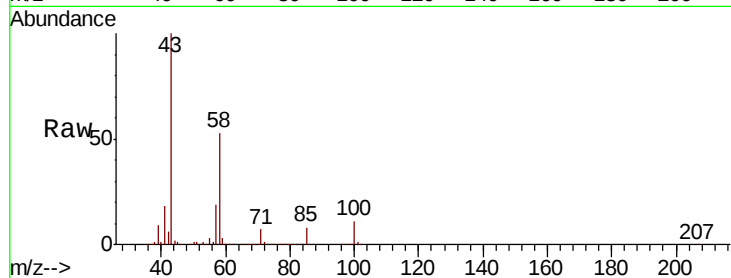




#59  
2-Hexanone  
Concen: 247.713 ug/l  
RT: 9.50 min Scan# 1369  
Delta R.T. -0.00 min  
Lab File: VX005915.D  
Acq: 12 Nov 2018 21:47

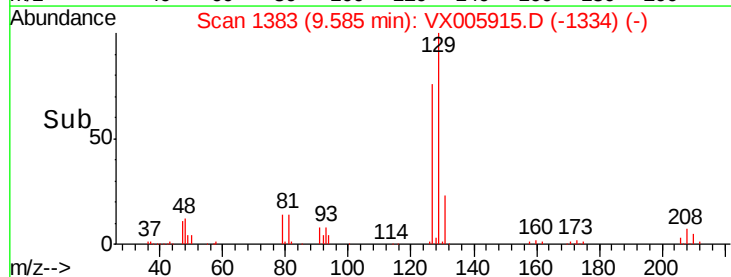
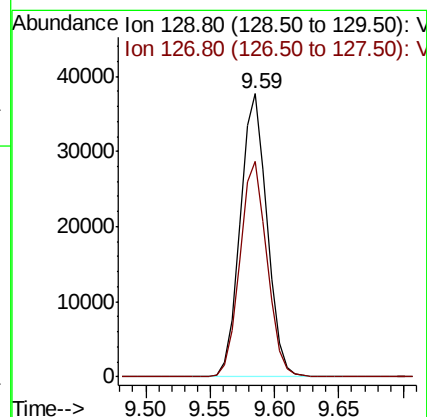
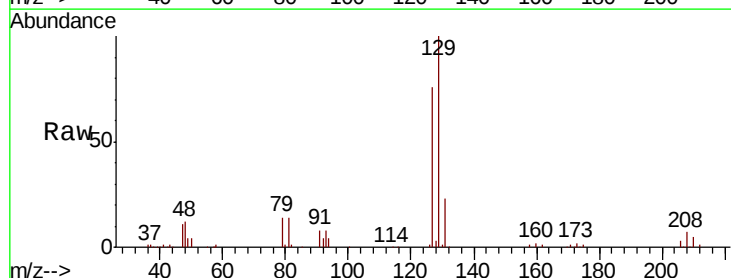
Instrument :  
MSVOA\_X  
ClientSampleId :  
SS003MW273-181108MS

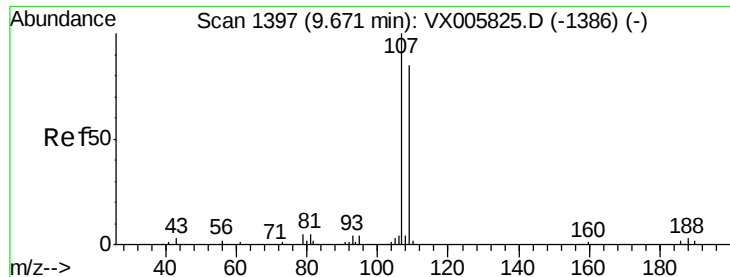
Tot Ion: 43 Resp: 365433  
Ion Ratio Lower Upper  
43 100  
58 52.4 25.9 77.8



#60  
Dibromochloromethane  
Concen: 49.744 ug/l  
RT: 9.59 min Scan# 1383  
Delta R.T. -0.00 min  
Lab File: VX005915.D  
Acq: 12 Nov 2018 21:47

Tgt Ion: 129 Resp: 54403  
Ion Ratio Lower Upper  
129 100  
127 76.8 38.9 116.7





#61

1,2-Dibromoethane

Concen: 47.604 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005915.D

Acq: 12 Nov 2018 21:47

Instrument :

MSVOA\_X

ClientSampleId :

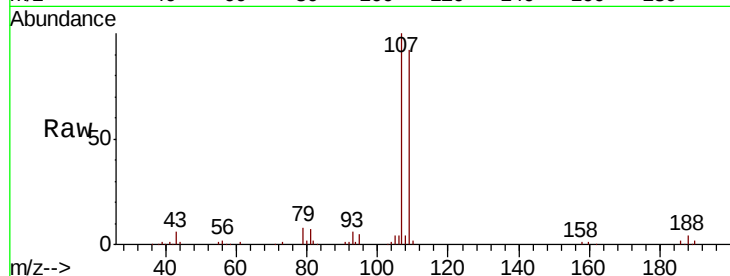
SS003MW273-181108MS

Tot Ion: 107 Resp: 53269

Ion Ratio Lower Upper

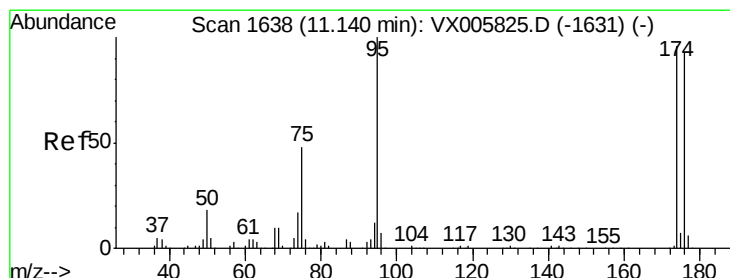
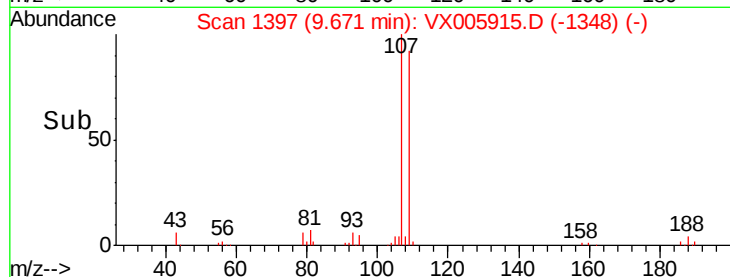
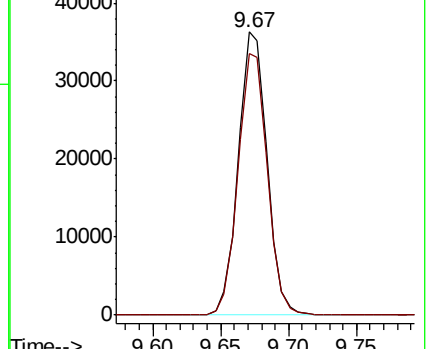
107 100

109 94.2 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 57.004 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005915.D

Acq: 12 Nov 2018 21:47

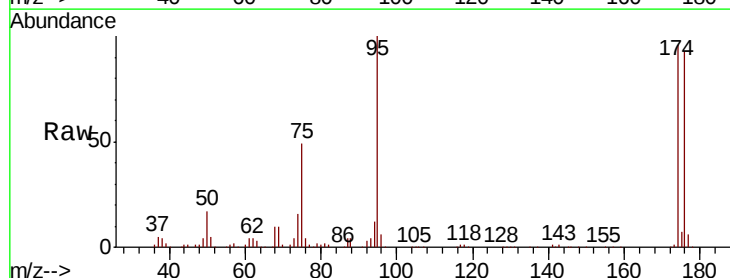
Tgt Ion: 95 Resp: 66996

Ion Ratio Lower Upper

95 100

174 92.9 0.0 184.4

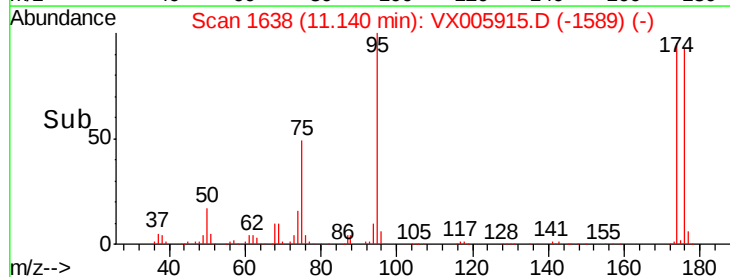
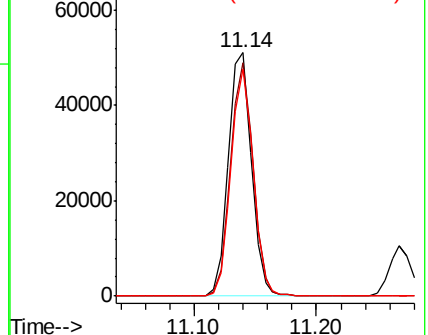
176 89.5 0.0 177.4

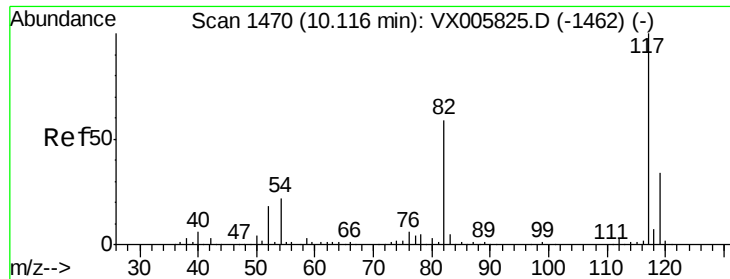


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

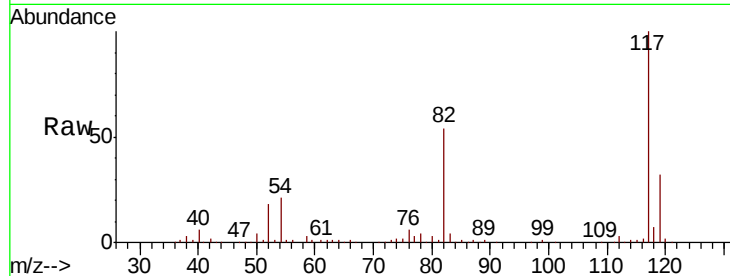




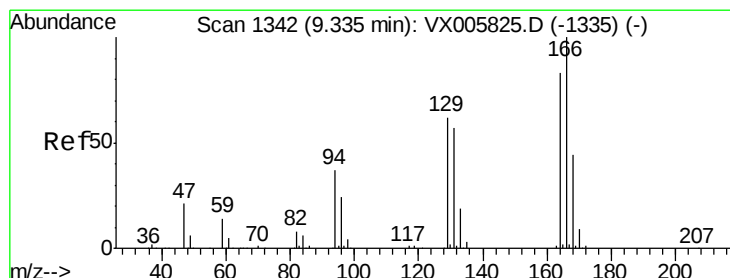
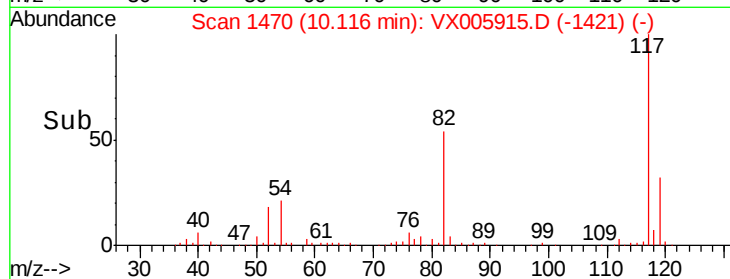
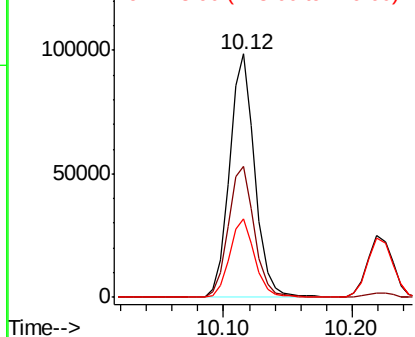
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1470  
Delta R.T. -0.00 min  
Lab File: VX005915.D  
Acq: 12 Nov 2018 21:47

Instrument :  
MSVOA\_X  
ClientSampleId :  
SS003MW273-181108MS

Tot Ion:117 Resp: 135038  
Ion Ratio Lower Upper  
117 100  
82 53.9 44.1 66.1  
119 32.0 26.2 39.2

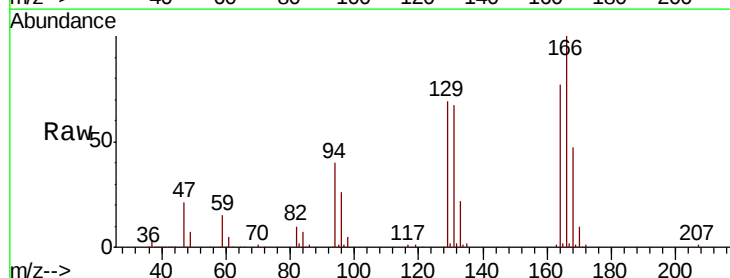


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VX0  
Ion 118.90 (118.60 to 119.60): V

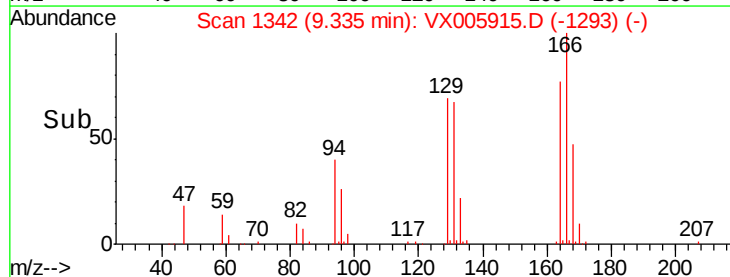
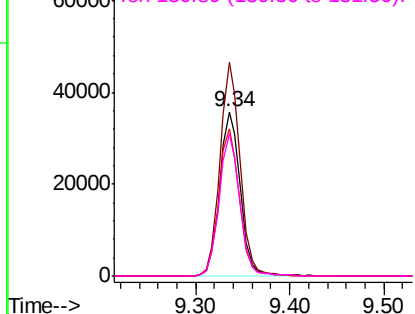


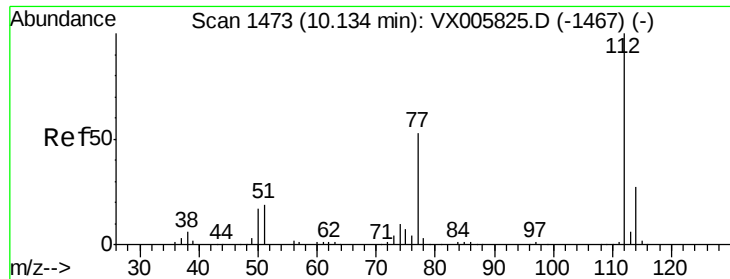
#64  
Tetrachloroethene  
Concen: 46.967 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. -0.00 min  
Lab File: VX005915.D  
Acq: 12 Nov 2018 21:47

Tgt Ion:164 Resp: 53999  
Ion Ratio Lower Upper  
164 100  
166 130.2 101.9 152.9  
129 89.7 72.6 109.0  
131 86.8 71.1 106.7



Abundance Ion 163.80 (163.50 to 164.50): V  
Ion 165.80 (165.50 to 166.50): V  
Ion 128.80 (128.50 to 129.50): V  
Ion 130.80 (130.50 to 131.50): V

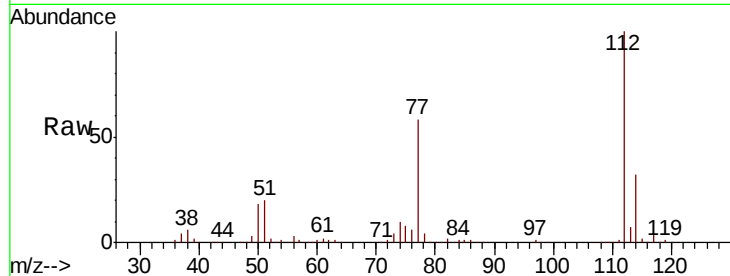




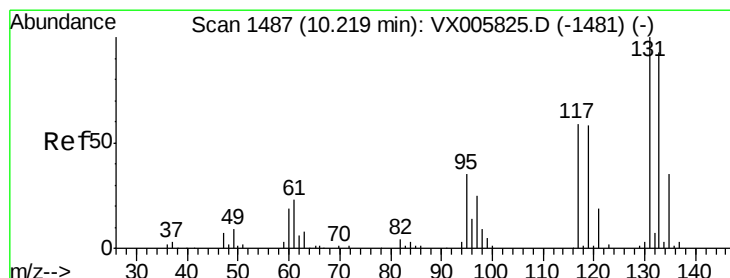
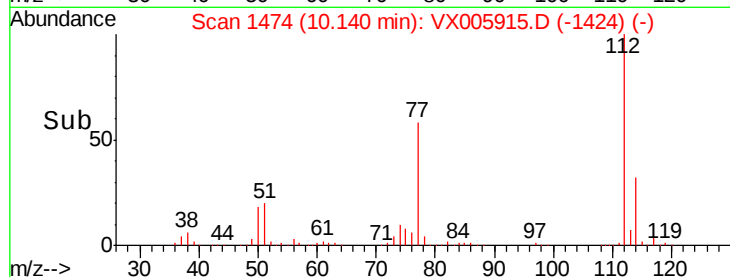
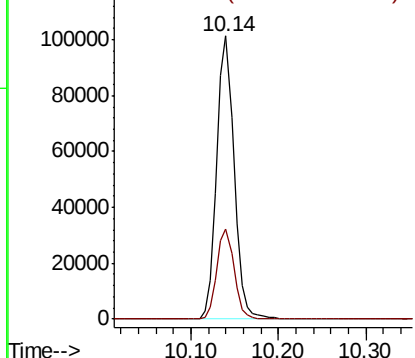
#65  
Chlorobenzene  
Concen: 51.513 ug/l  
RT: 10.14 min Scan# 1474  
Delta R.T. 0.01 min  
Lab File: VX005915.D  
Acq: 12 Nov 2018 21:47

Instrument :  
MSVOA\_X  
ClientSampleId :  
SS003MW273-181108MS

Tot Ion:112 Resp: 139356  
Ion Ratio Lower Upper  
112 100  
114 31.8 25.8 38.6

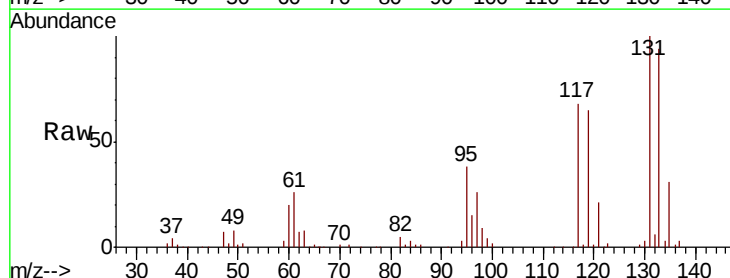


Abundance Ion 111.90 (111.60 to 112.60): V  
Ion 113.90 (113.60 to 114.60): V

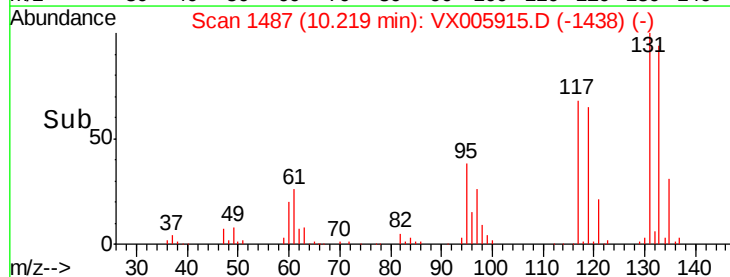
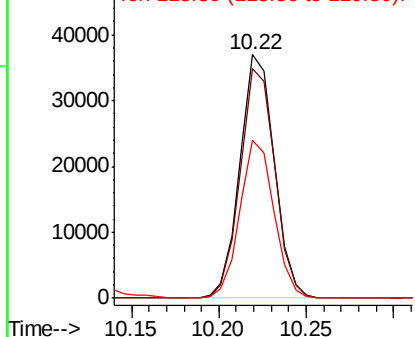


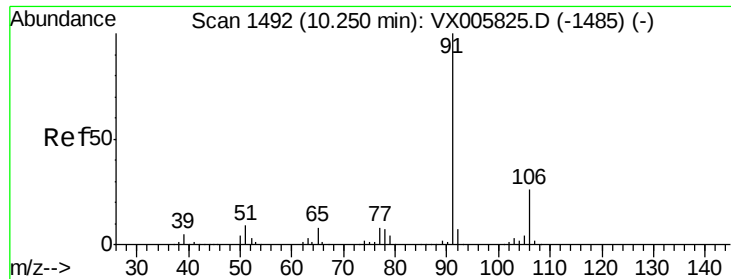
#66  
1,1,1,2-Tetrachloroethane  
Concen: 53.932 ug/l  
RT: 10.22 min Scan# 1487  
Delta R.T. -0.00 min  
Lab File: VX005915.D  
Acq: 12 Nov 2018 21:47

Tgt Ion:131 Resp: 50723  
Ion Ratio Lower Upper  
131 100  
133 95.1 47.5 142.5  
119 64.3 31.8 95.3



Abundance Ion 130.80 (130.50 to 131.50): V  
Ion 132.80 (132.50 to 133.50): V  
Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 54.497 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005915.D

Acq: 12 Nov 2018 21:47

Instrument :

MSVOA\_X

ClientSampleId :

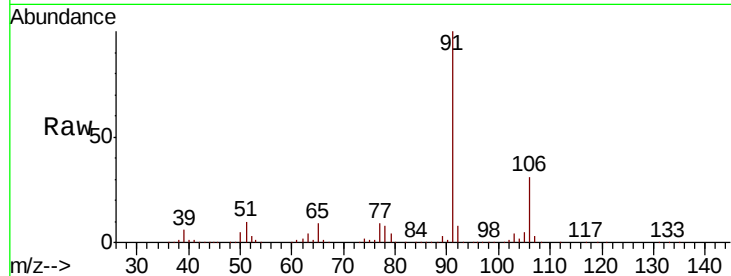
SS003MW273-181108MS

Tot Ion: 91 Resp: 236405

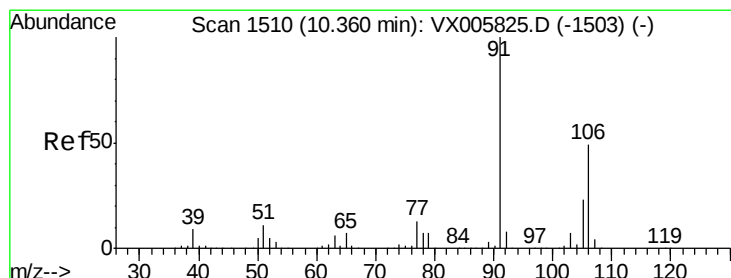
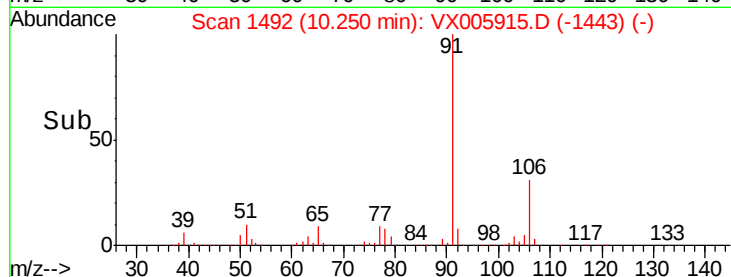
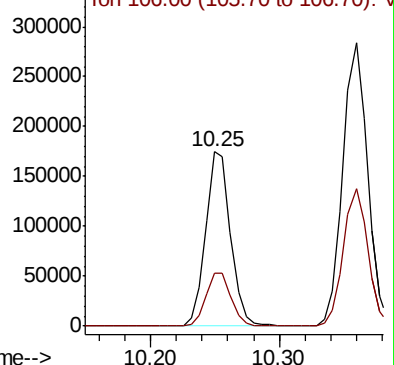
Ion Ratio Lower Upper

91 100

106 30.7 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX005825.D (-1485) (-)



#68

m/p-Xylenes

Concen: 110.321 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005915.D

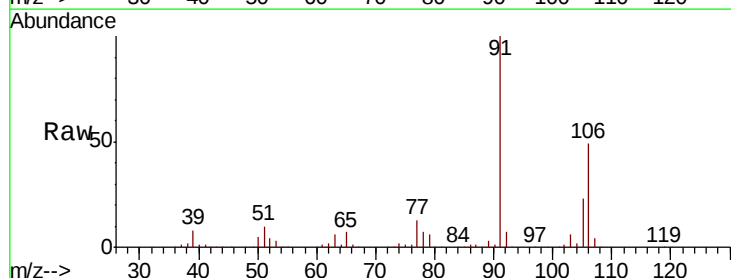
Acq: 12 Nov 2018 21:47

Tgt Ion: 106 Resp: 182543

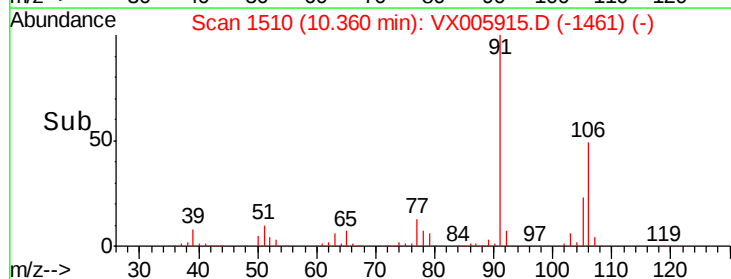
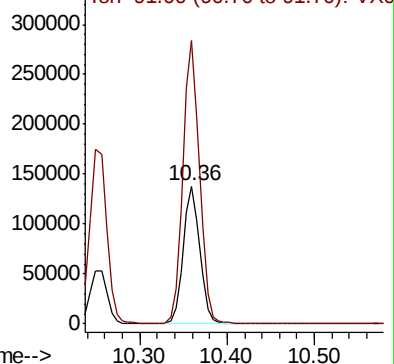
Ion Ratio Lower Upper

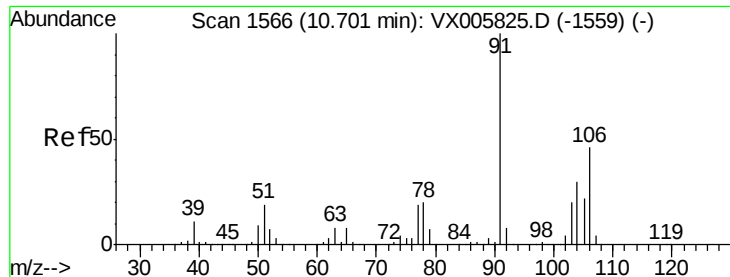
106 100

91 206.3 164.2 246.4



Abundance Ion 106.00 (105.70 to 106.70): VX005825.D (-1503) (-)

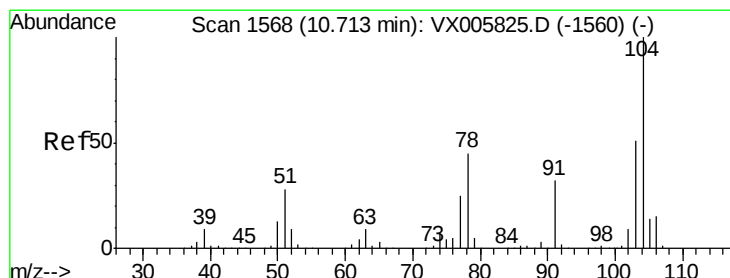
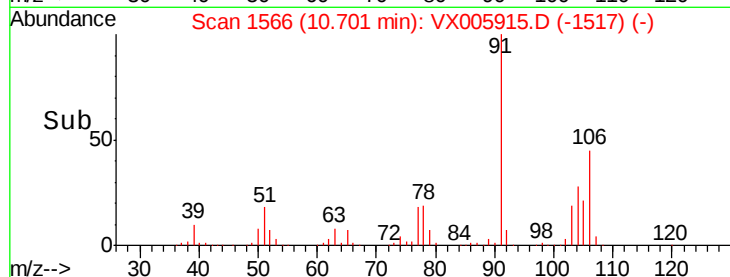
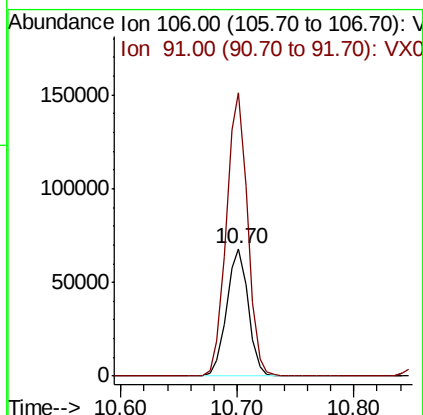
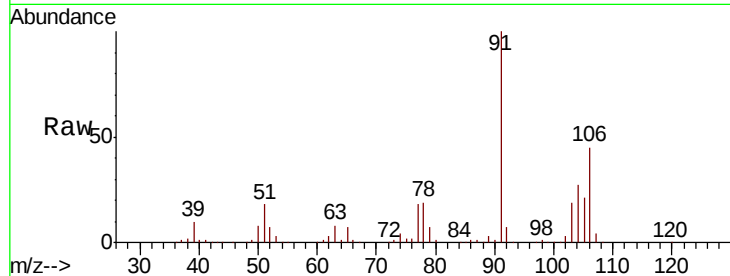




#69  
o-Xylene  
Concen: 58.712 ug/l  
RT: 10.70 min Scan# 1566  
Delta R.T. -0.00 min  
Lab File: VX005915.D  
Acq: 12 Nov 2018 21:47

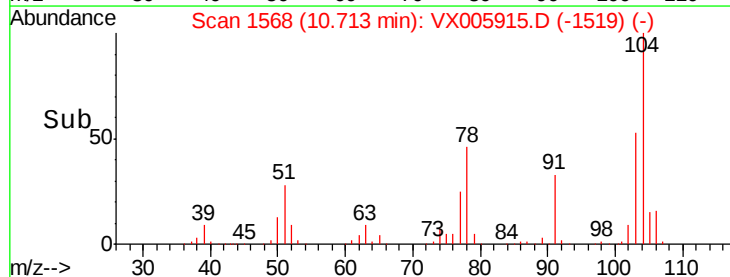
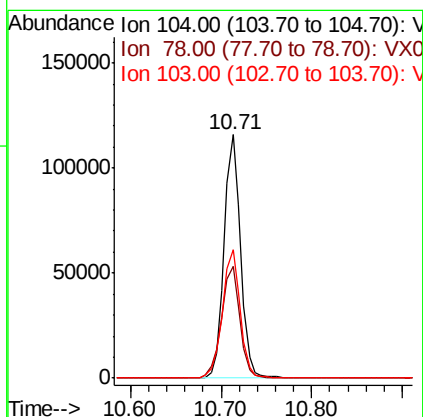
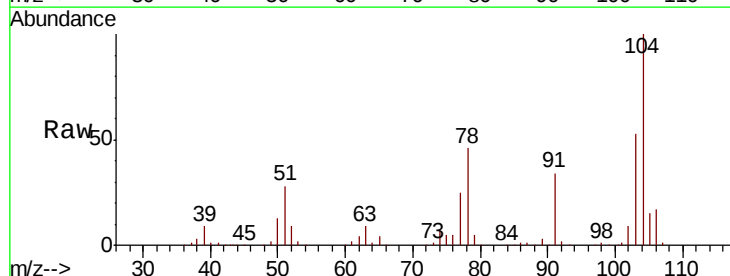
Instrument :  
MSVOA\_X  
ClientSampleId :  
SS003MW273-181108MS

Tot Ion:106 Resp: 87112  
Ion Ratio Lower Upper  
106 100  
91 219.6 108.5 325.5



#70  
Styrene  
Concen: 59.925 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VX005915.D  
Acq: 12 Nov 2018 21:47

Tgt Ion:104 Resp: 146672  
Ion Ratio Lower Upper  
104 100  
78 51.5 40.2 60.4  
103 57.0 44.9 67.3





#71

Bromoform

Concen: 57.316 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005915.D

Acq: 12 Nov 2018 21:47

Instrument :

MSVOA\_X

ClientSampleId :

SS003MW273-181108MS

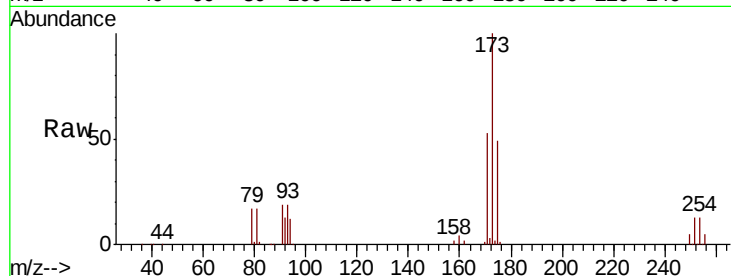
Tot Ion:173 Resp: 45188

Ion Ratio Lower Upper

173 100

175 48.9 24.8 74.3

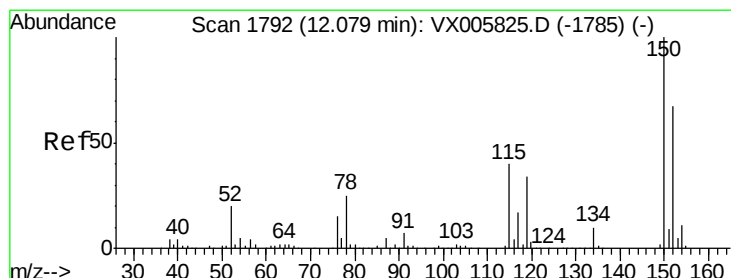
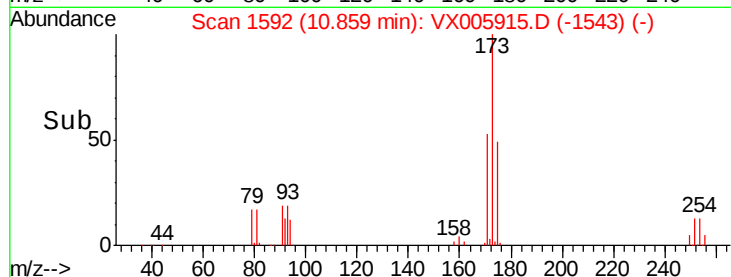
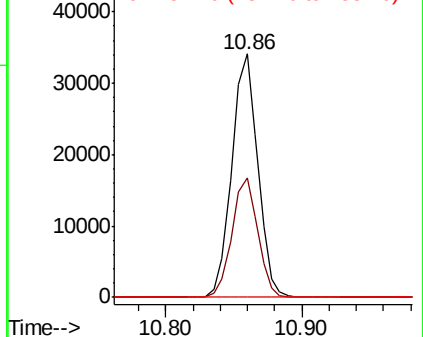
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005915.D

Acq: 12 Nov 2018 21:47

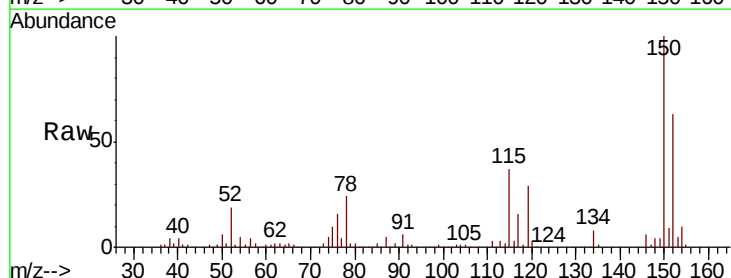
Tgt Ion:152 Resp: 75647

Ion Ratio Lower Upper

152 100

115 77.6 39.4 118.1

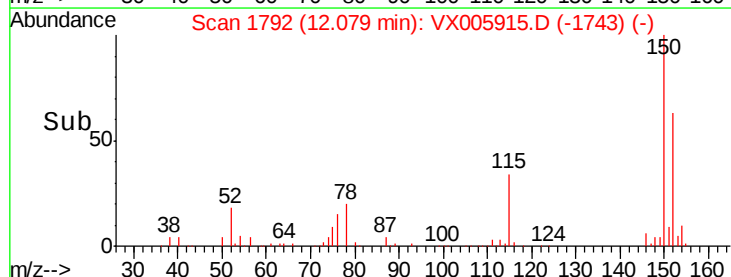
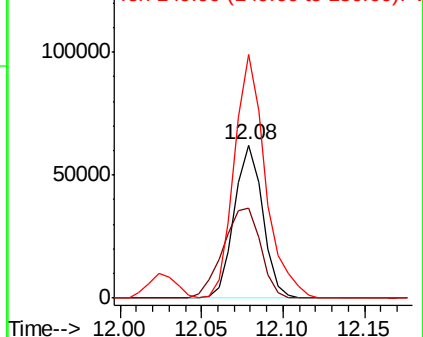
150 173.6 0.0 346.4

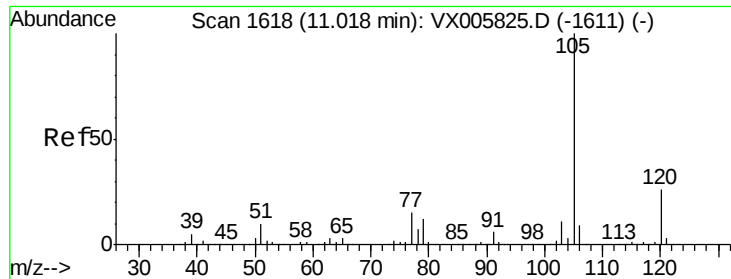


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.912 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005915.D

Acq: 12 Nov 2018 21:47

Instrument :

MSVOA\_X

ClientSampleId :

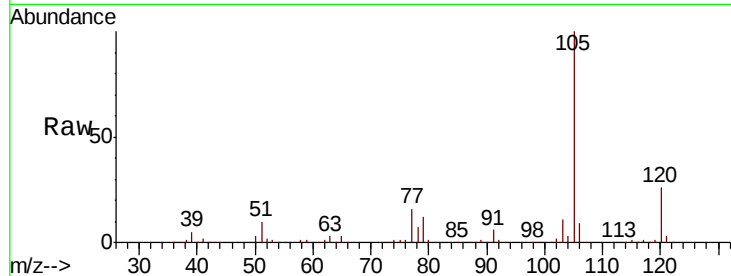
SS003MW273-181108MS

Tot Ion:105 Resp: 240217

Ion Ratio Lower Upper

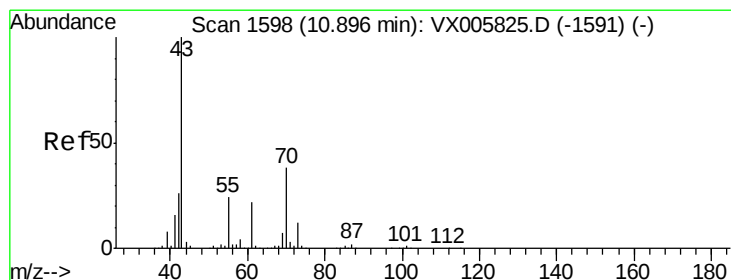
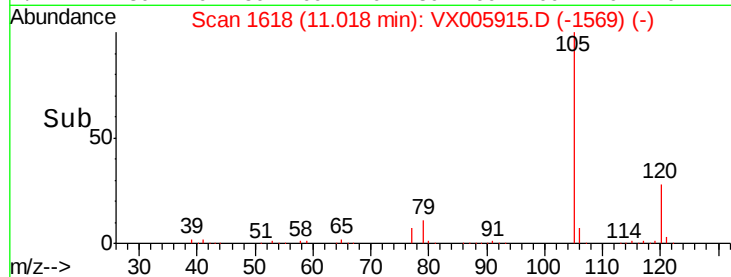
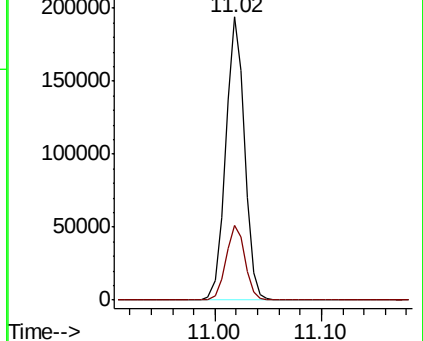
105 100

120 26.5 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.103 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX005915.D

Acq: 12 Nov 2018 21:47

Tgt Ion: 43 Resp: 120470

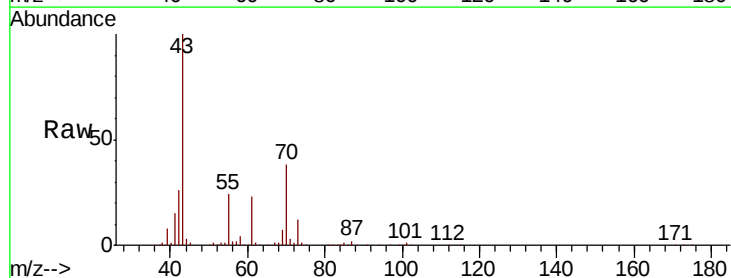
Ion Ratio Lower Upper

43 100

70 39.4 31.6 47.4

55 24.4 19.7 29.5

61 23.1 18.3 27.5

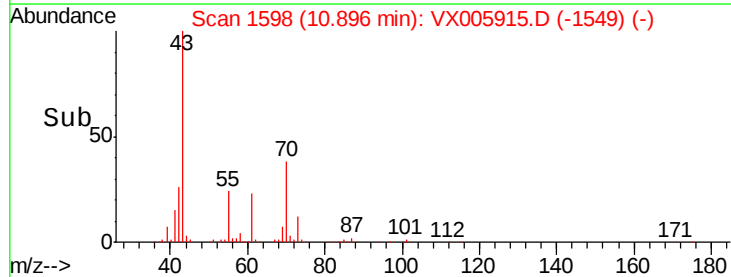
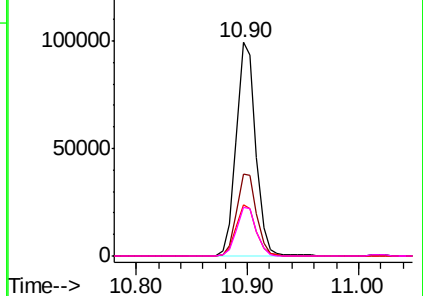


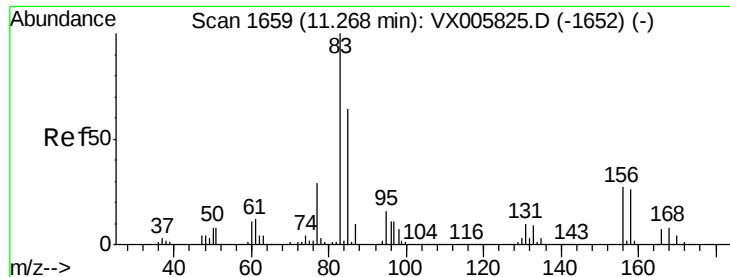
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 51.972 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005915.D

Acq: 12 Nov 2018 21:47

Instrument :

MSVOA\_X

ClientSampleId :

SS003MW273-181108MS

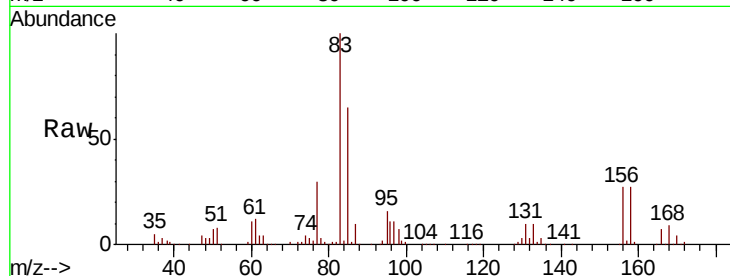
Tot Ion: 83 Resp: 83450

Ion Ratio Lower Upper

83 100

131 10.4 5.3 15.9

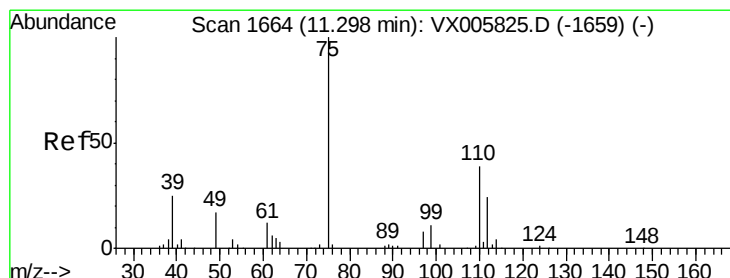
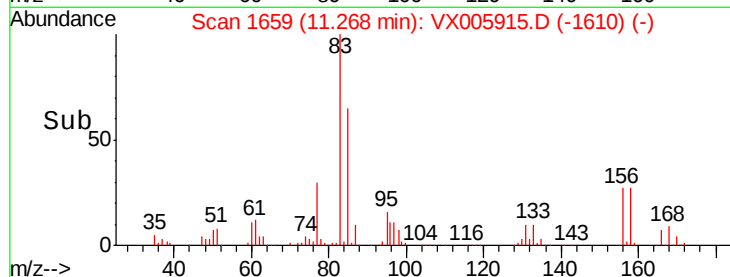
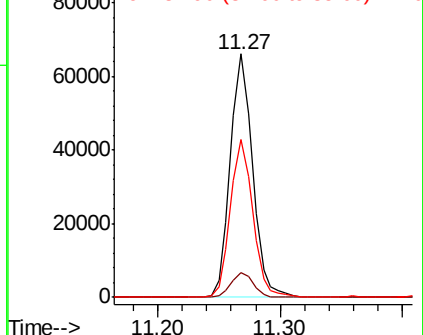
85 65.1 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 65.280 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005915.D

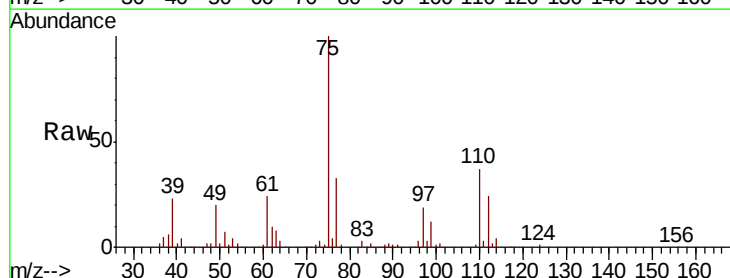
Acq: 12 Nov 2018 21:47

Tgt Ion: 75 Resp: 100553

Ion Ratio Lower Upper

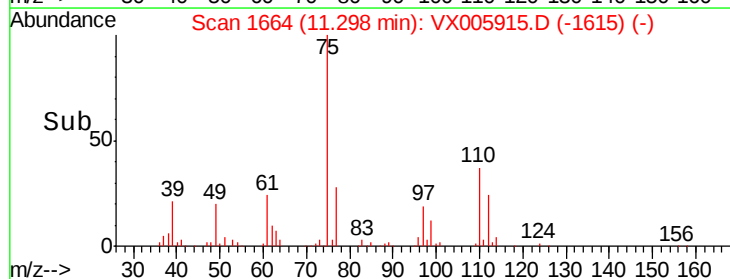
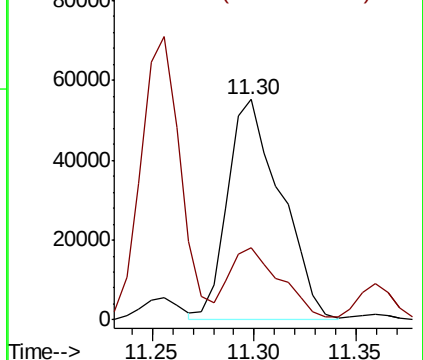
75 100

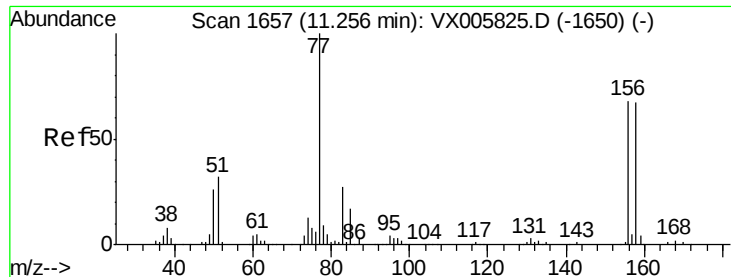
77 31.4 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.704 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005915.D

Acq: 12 Nov 2018 21:47

Instrument :

MSVOA\_X

ClientSampleId :

SS003MW273-181108MS

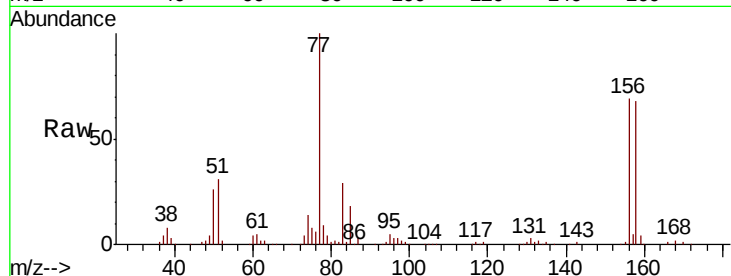
Tot Ion:156 Resp: 63752

Ion Ratio Lower Upper

156 100

77 149.9 74.8 224.4

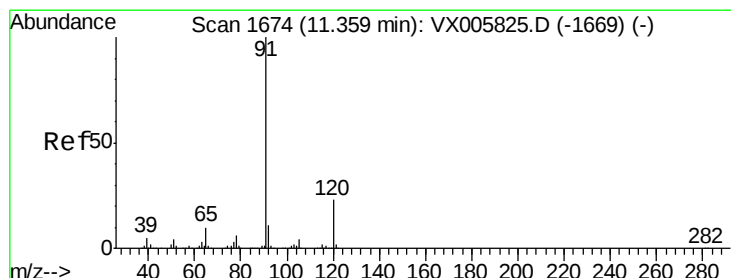
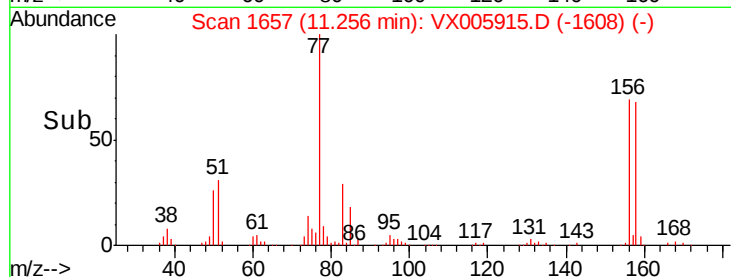
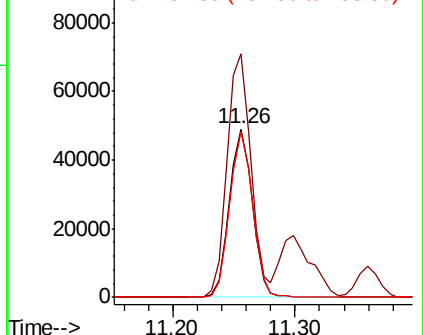
158 98.1 49.1 147.3



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: 53.612 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005915.D

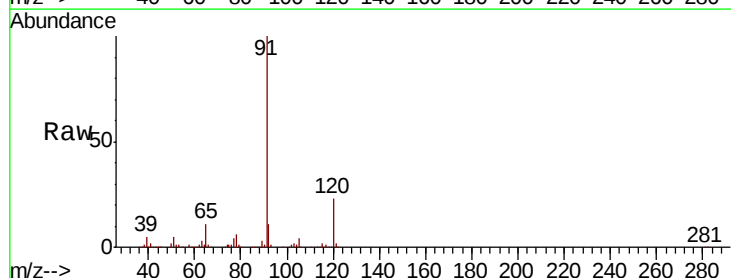
Acq: 12 Nov 2018 21:47

Tgt Ion: 91 Resp: 276400

Ion Ratio Lower Upper

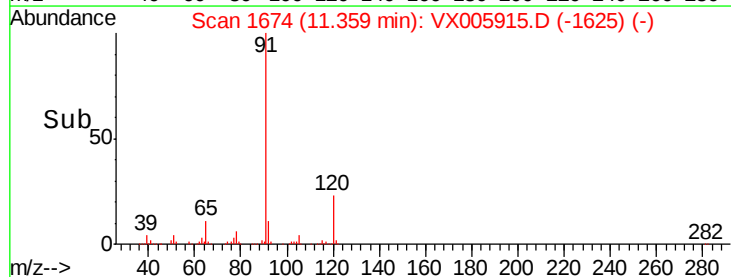
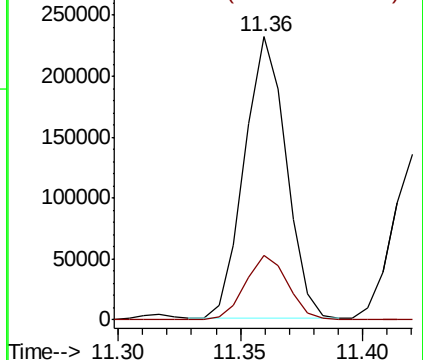
91 100

120 23.4 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.706 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005915.D

Acq: 12 Nov 2018 21:47

Instrument :

MSVOA\_X

ClientSampleId :

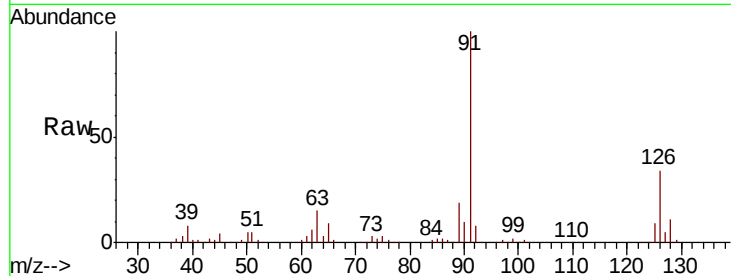
SS003MW273-181108MS

Tot Ion: 91 Resp: 164242

Ion Ratio Lower Upper

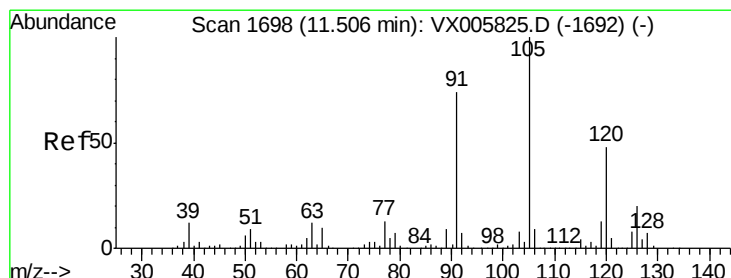
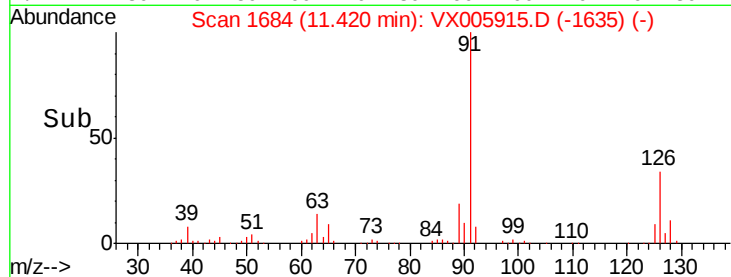
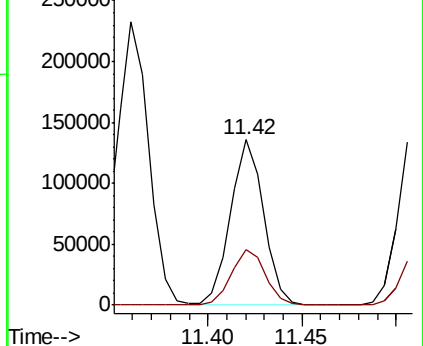
91 100

126 34.9 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 55.457 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005915.D

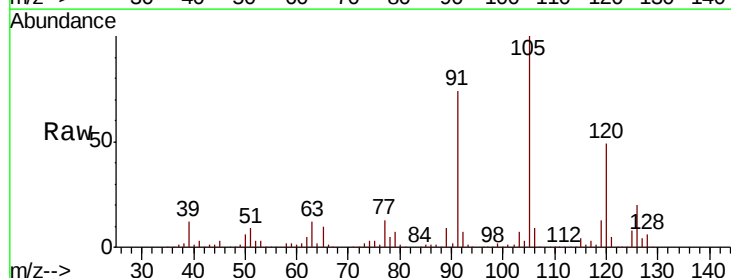
Acq: 12 Nov 2018 21:47

Tgt Ion:105 Resp: 206162

Ion Ratio Lower Upper

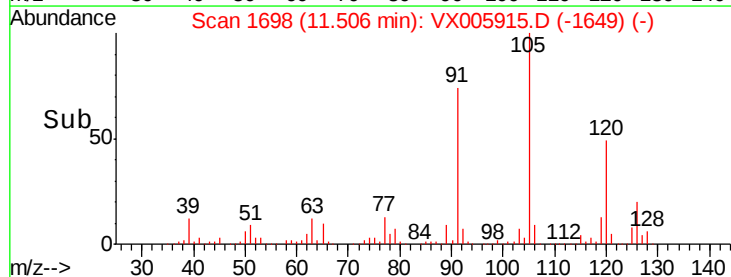
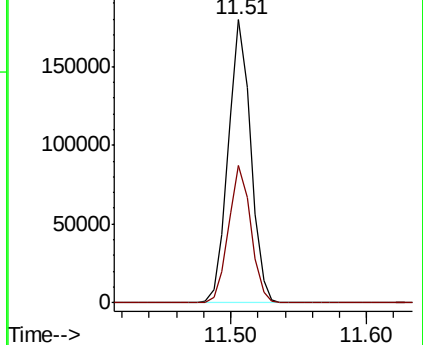
105 100

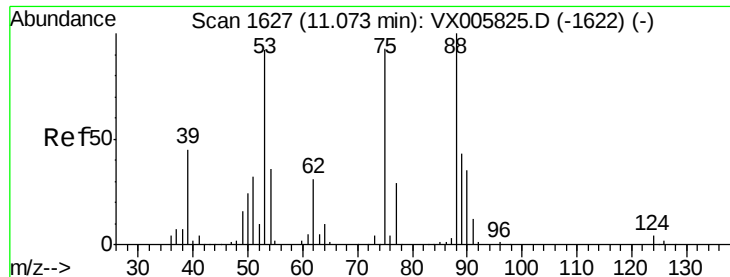
120 48.3 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 50.338 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005915.D

Acq: 12 Nov 2018 21:47

Instrument :

MSVOA\_X

ClientSampleId :

SS003MW273-181108MS

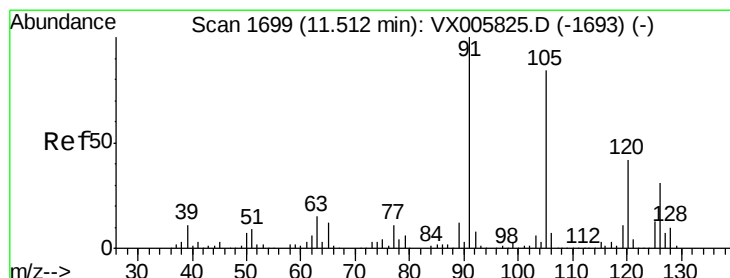
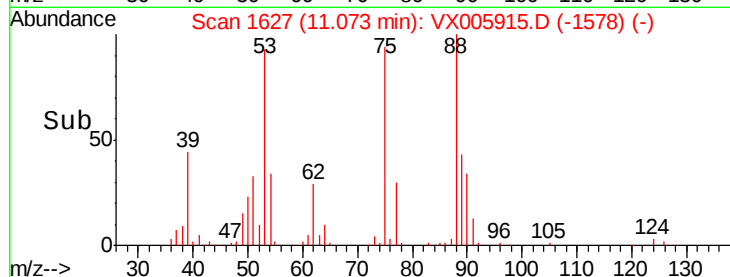
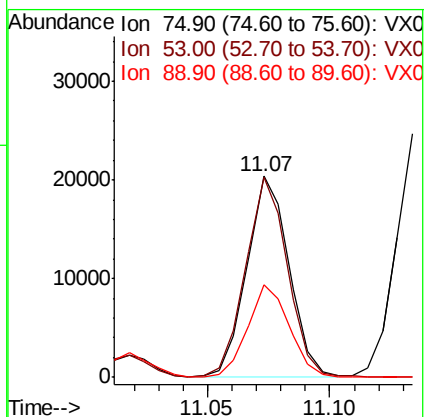
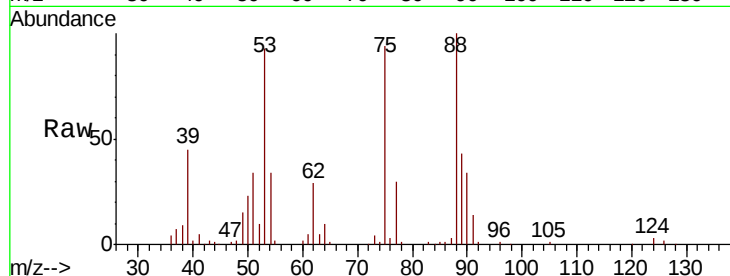
Tot Ion: 75 Resp: 24328

Ion Ratio Lower Upper

75 100

53 100.0 80.2 120.2

89 45.9 39.8 59.8



#82

4-Chlorotoluene

Concen: 53.313 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005915.D

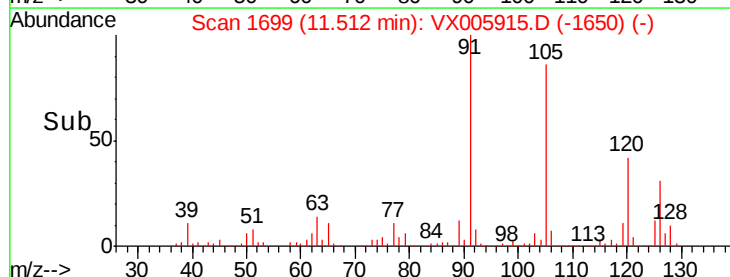
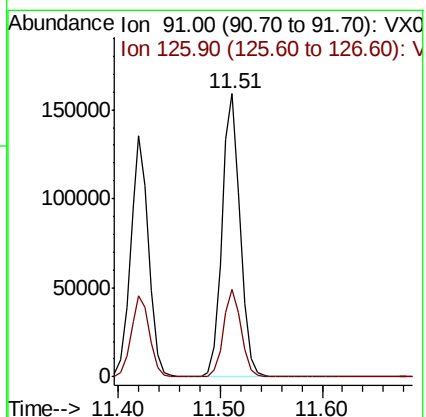
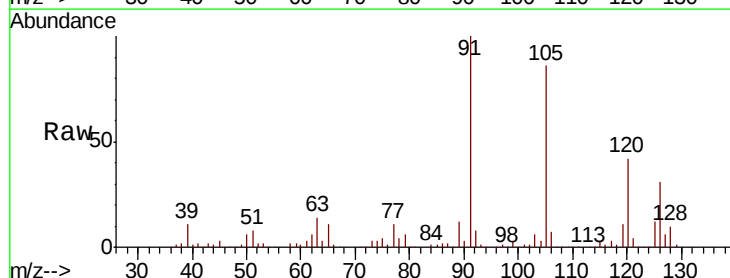
Acq: 12 Nov 2018 21:47

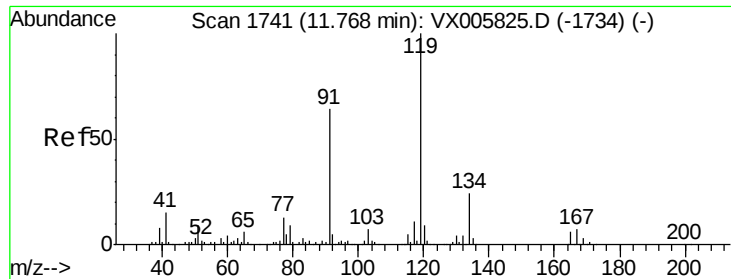
Tgt Ion: 91 Resp: 195794

Ion Ratio Lower Upper

91 100

126 30.2 15.2 45.6

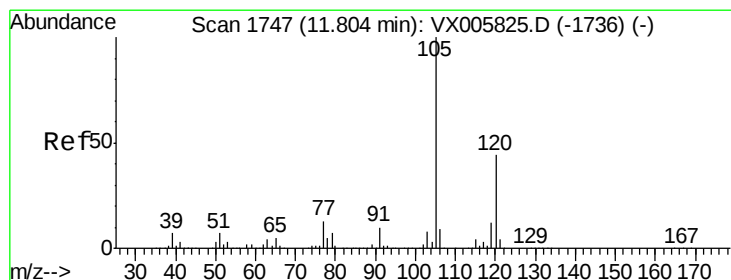
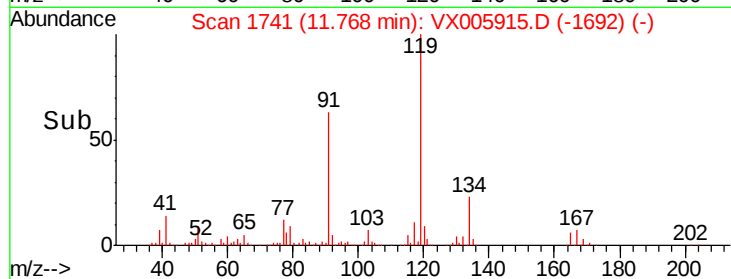
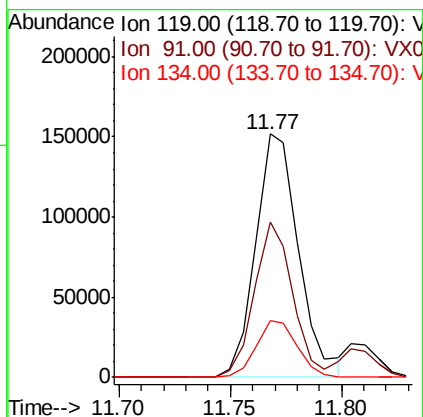
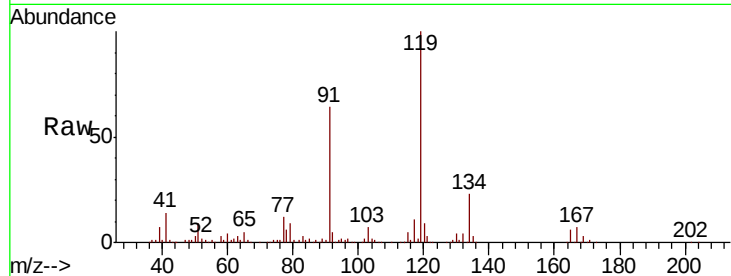




#83  
 tert-Butylbenzene  
 Concen: 54.345 ug/l  
 RT: 11.77 min Scan# 1741  
 Delta R.T. -0.00 min  
 Lab File: VX005915.D  
 Acq: 12 Nov 2018 21:47

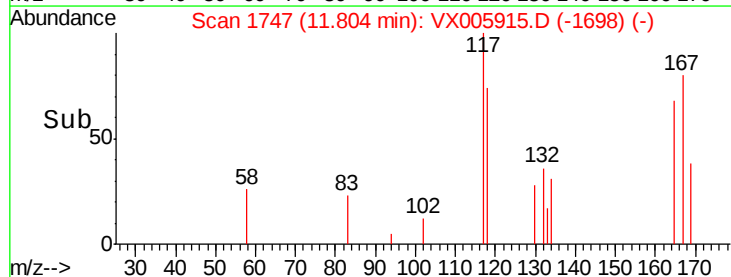
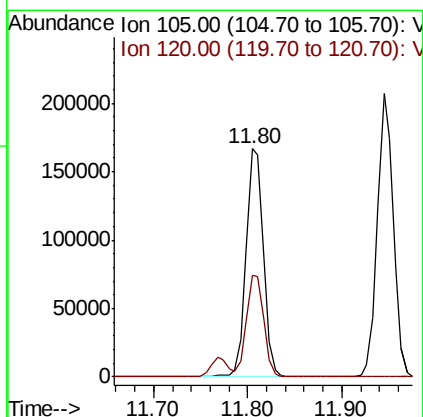
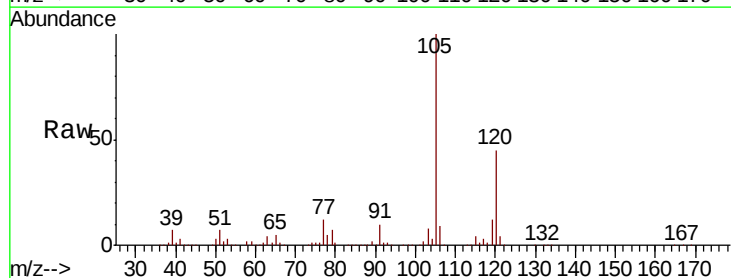
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SS003MW273-181108MS

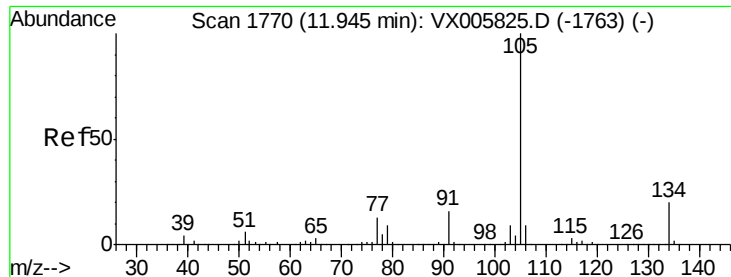
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 56.9  | 28.5  | 85.5  |
| 134     | 22.3  | 11.3  | 33.8  |



#84  
 1,2,4-Trimethylbenzene  
 Concen: 51.486 ug/l  
 RT: 11.80 min Scan# 1747  
 Delta R.T. 0.00 min  
 Lab File: VX005915.D  
 Acq: 12 Nov 2018 21:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 44.4  | 22.4  | 67.0  |





#85

sec-Butylbenzene

Concen: 52.946 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005915.D

Acq: 12 Nov 2018 21:47

Instrument :

MSVOA\_X

ClientSampleId :

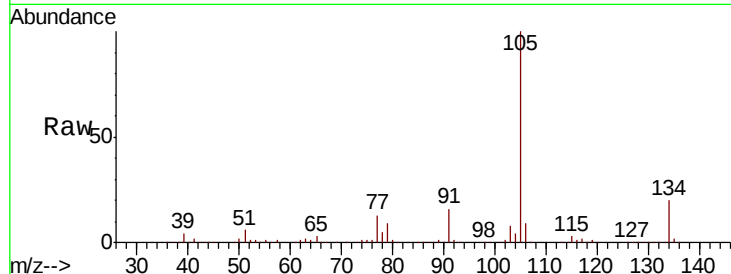
SS003MW273-181108MS

Tot Ion:105 Resp: 243497

Ion Ratio Lower Upper

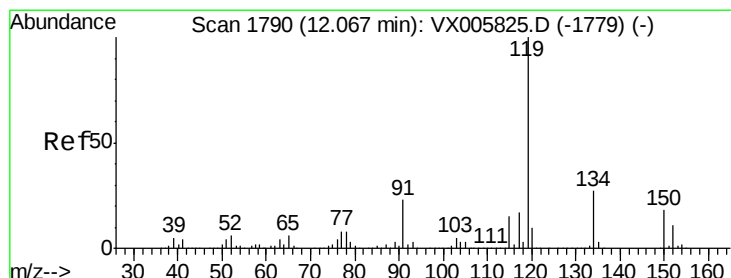
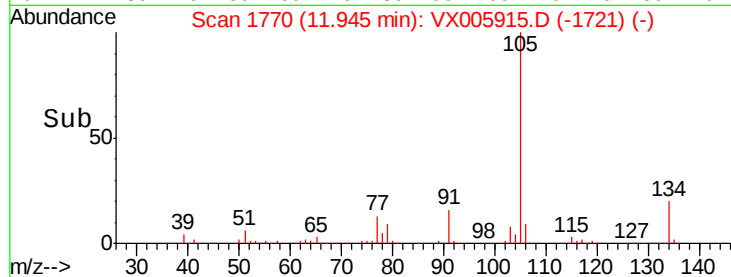
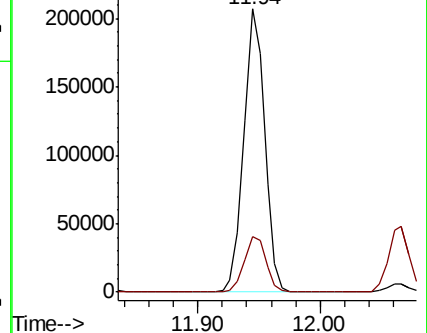
105 100

134 20.3 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.615 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005915.D

Acq: 12 Nov 2018 21:47

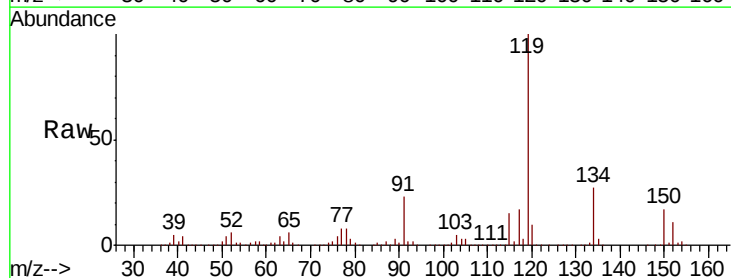
Tgt Ion:119 Resp: 218412

Ion Ratio Lower Upper

119 100

134 26.6 13.0 39.0

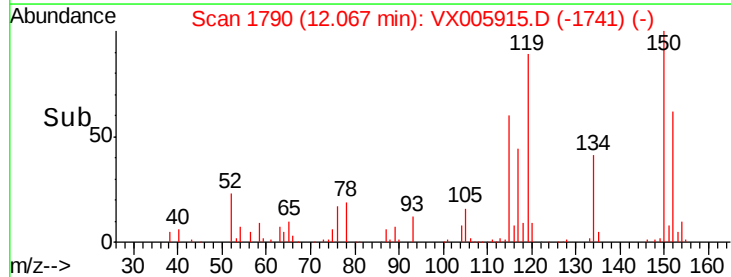
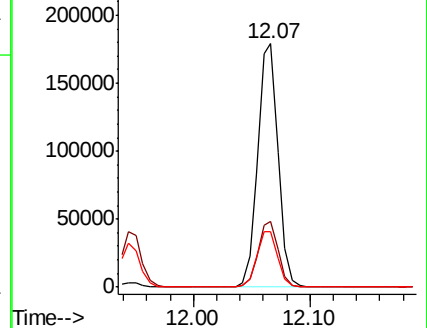
91 23.3 11.4 34.2

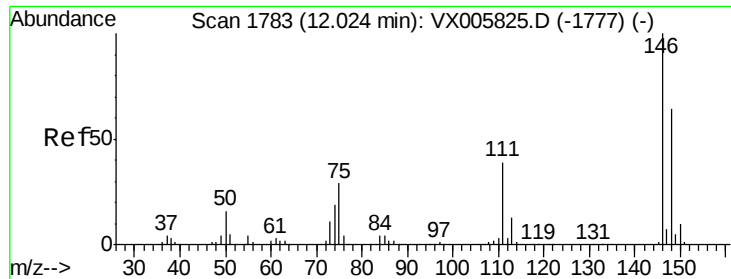


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

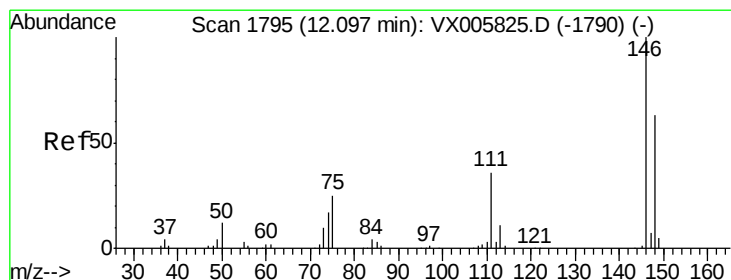
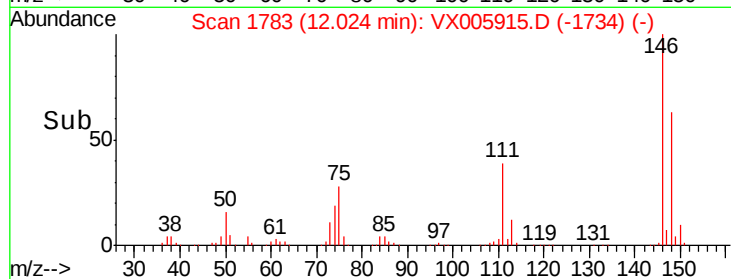
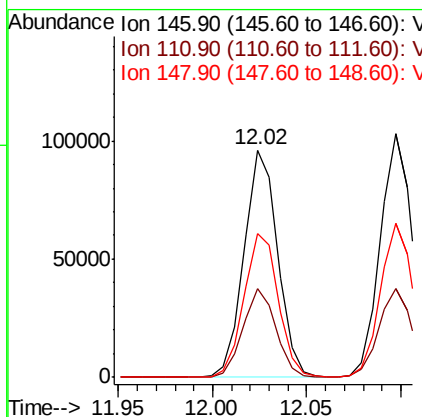
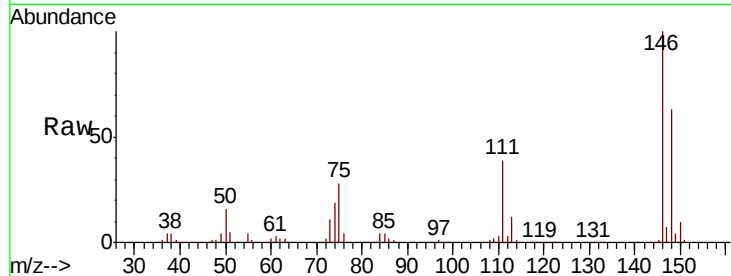




#87  
 1,3-Dichlorobenzene  
 Concen: 50.409 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. -0.00 min  
 Lab File: VX005915.D  
 Acq: 12 Nov 2018 21:47

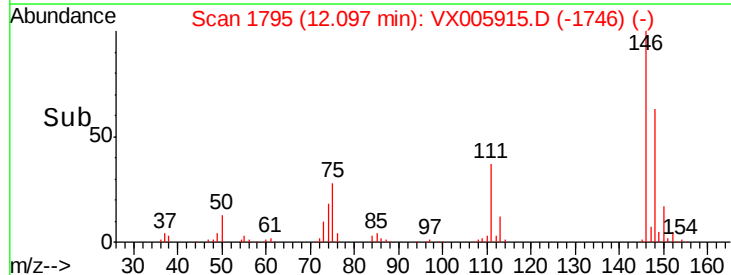
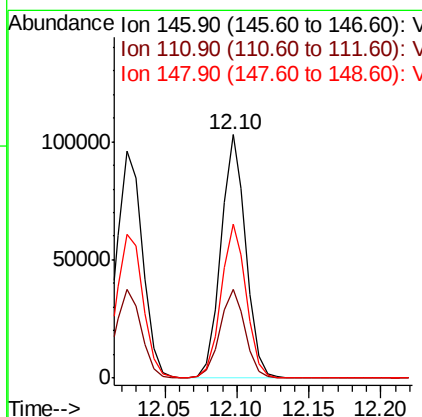
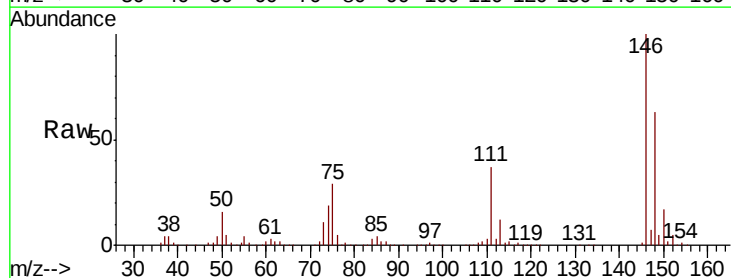
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SS003MW273-181108MS

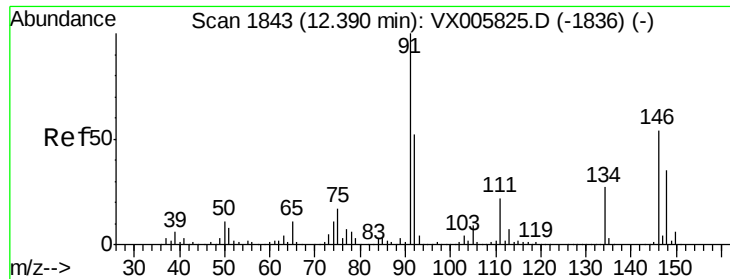
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.2  | 19.0  | 57.0  |
| 148     | 64.4  | 31.9  | 95.9  |



#88  
 1,4-Dichlorobenzene  
 Concen: 51.478 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. -0.00 min  
 Lab File: VX005915.D  
 Acq: 12 Nov 2018 21:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.3  | 18.6  | 55.8  |
| 148     | 63.8  | 32.1  | 96.3  |

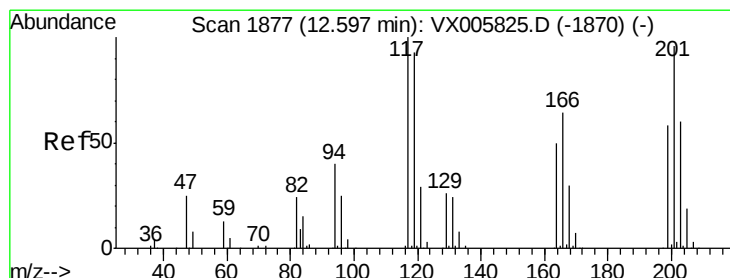
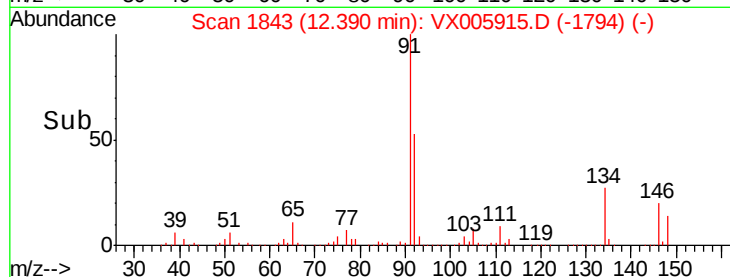
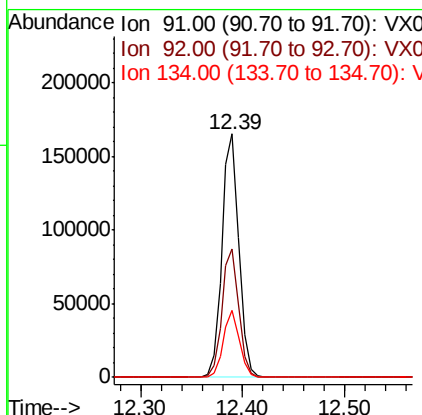
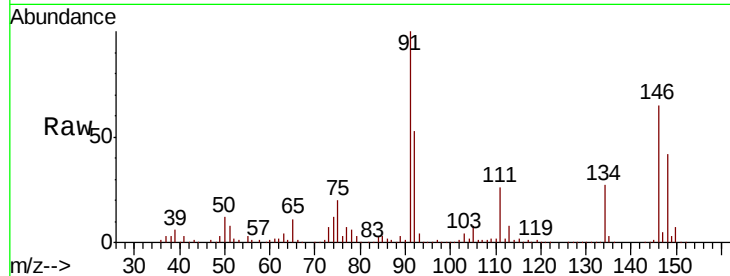




#89  
n-Butylbenzene  
Concen: 50.582 ug/l  
RT: 12.39 min Scan# 1843  
Delta R.T. -0.00 min  
Lab File: VX005915.D  
Acq: 12 Nov 2018 21:47

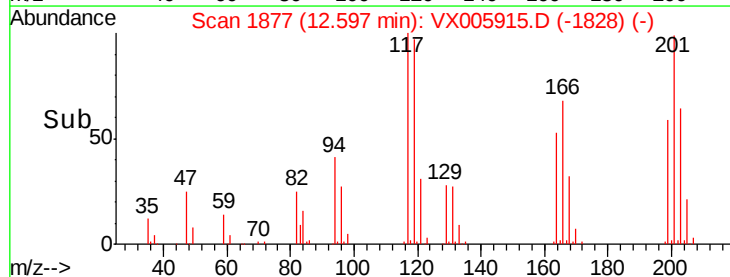
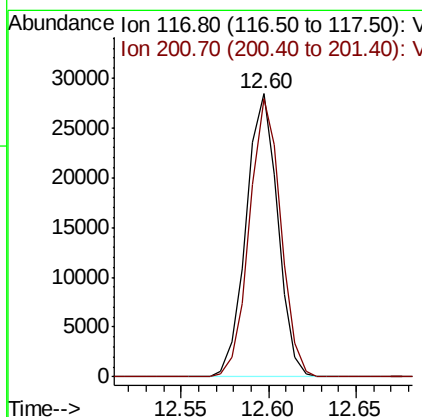
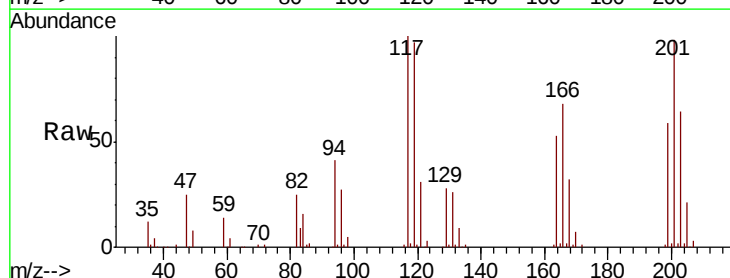
Instrument :  
MSVOA\_X  
ClientSampleId :  
SS003MW273-181108MS

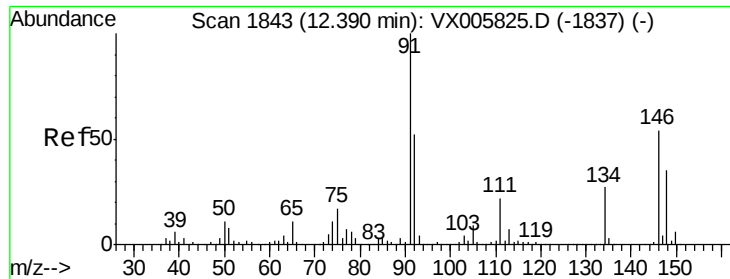
Tot Ion: 91 Resp: 190974  
Ion Ratio Lower Upper  
91 100  
92 52.3 26.1 78.2  
134 26.2 13.1 39.3



#90  
Hexachloroethane  
Concen: 52.778 ug/l  
RT: 12.60 min Scan# 1877  
Delta R.T. -0.00 min  
Lab File: VX005915.D  
Acq: 12 Nov 2018 21:47

Tgt Ion: 117 Resp: 35896  
Ion Ratio Lower Upper  
117 100  
201 97.3 47.9 143.6





#91

1,2-Dichlorobenzene

Concen: 56.725 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005915.D

Acq: 12 Nov 2018 21:47

Instrument :

MSVOA\_X

ClientSampleId :

SS003MW273-181108MS

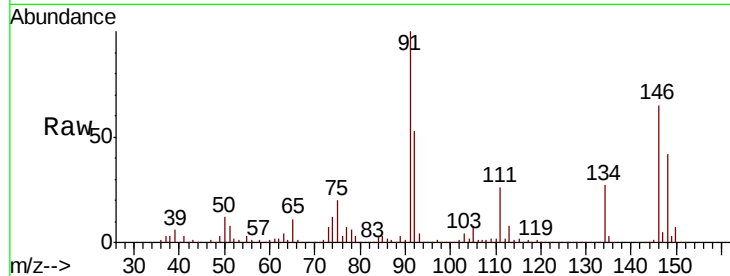
Tot Ion:146 Resp: 134468

Ion Ratio Lower Upper

146 100

111 39.5 20.0 59.9

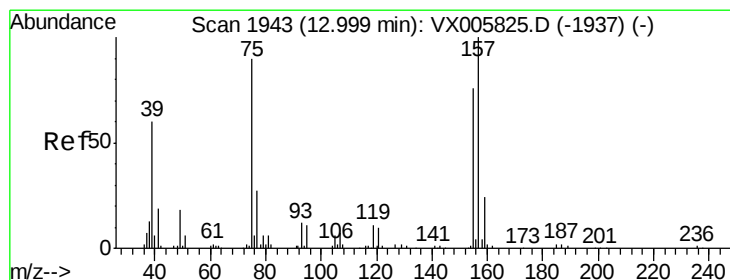
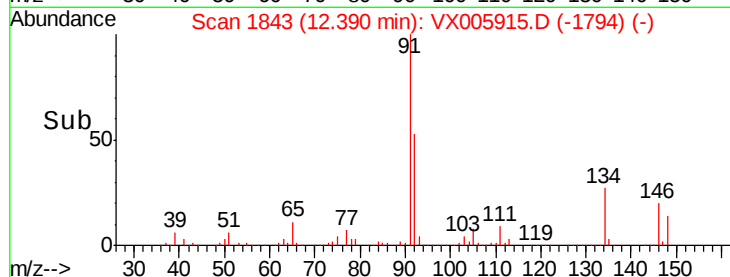
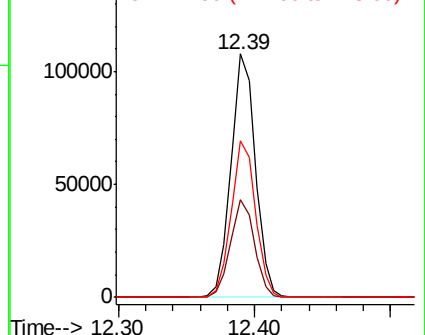
148 64.0 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.200 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX005915.D

Acq: 12 Nov 2018 21:47

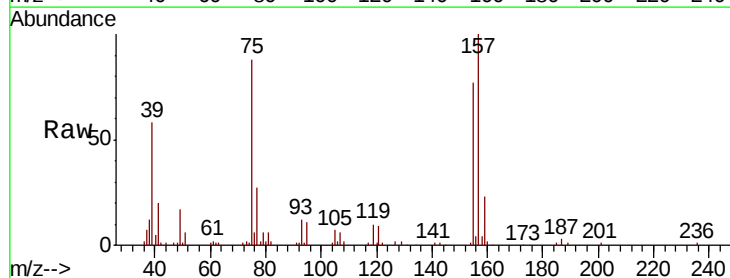
Tgt Ion: 75 Resp: 20845

Ion Ratio Lower Upper

75 100

155 91.5 45.4 136.1

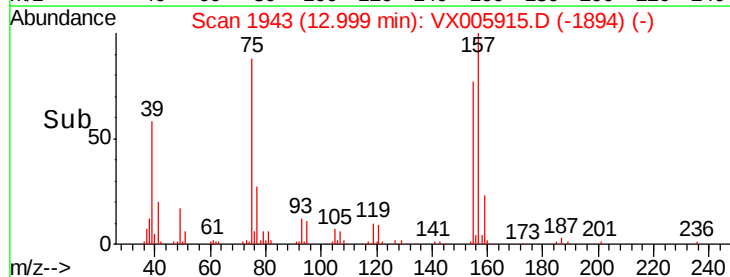
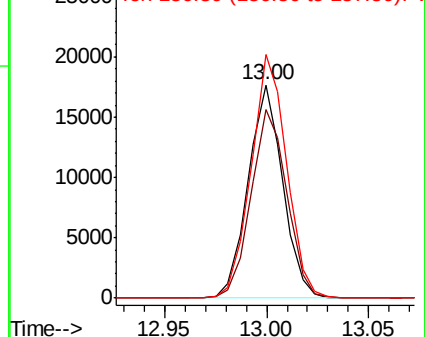
157 117.0 57.4 172.0

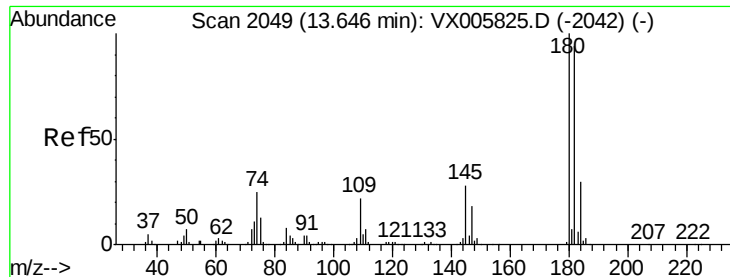


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

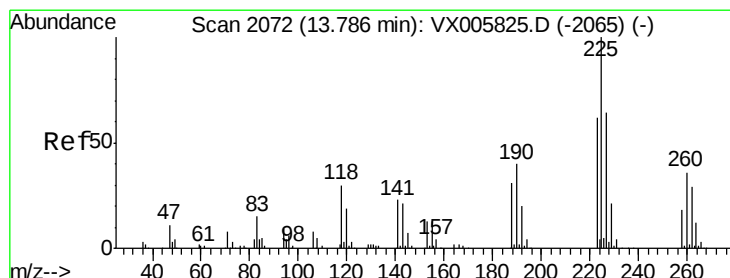
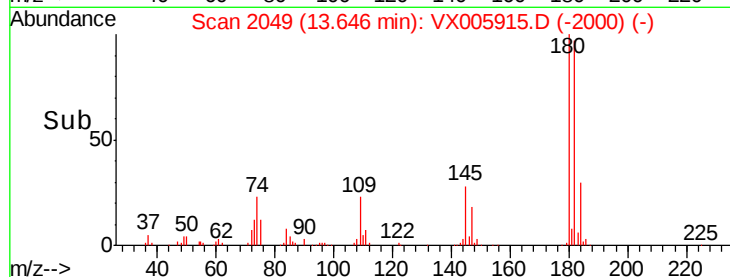
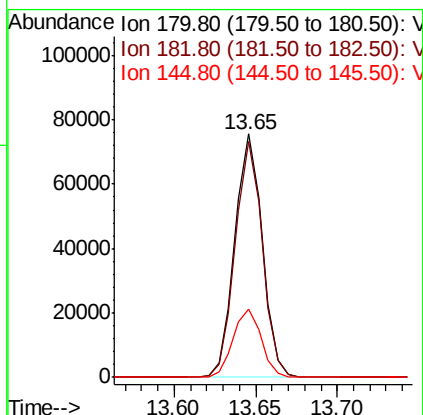
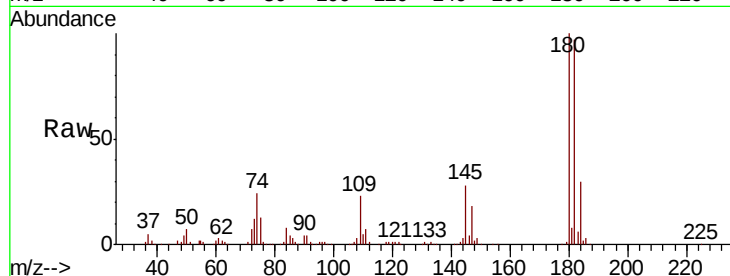




#93  
 1,2,4-Trichlorobenzene  
 Concen: 52.967 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. -0.00 min  
 Lab File: VX005915.D  
 Acq: 12 Nov 2018 21:47

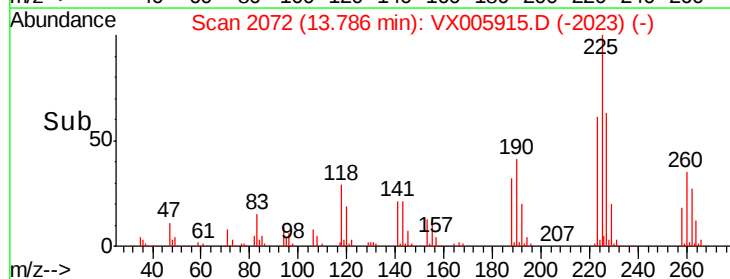
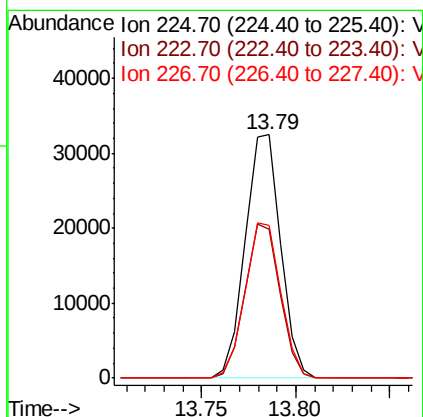
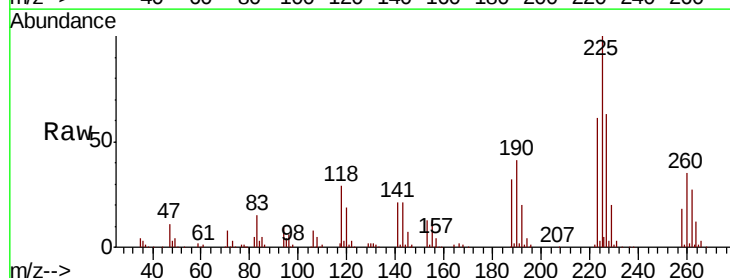
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SS003MW273-181108MS

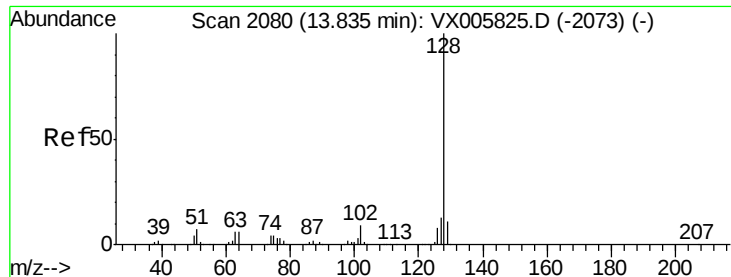
Tot Ion:180 Resp: 88391  
 Ion Ratio Lower Upper  
 180 100  
 182 95.9 47.6 142.8  
 145 28.6 14.1 42.2



#94  
 Hexachlorobutadiene  
 Concen: 48.448 ug/l  
 RT: 13.79 min Scan# 2072  
 Delta R.T. -0.00 min  
 Lab File: VX005915.D  
 Acq: 12 Nov 2018 21:47

Tgt Ion:225 Resp: 42470  
 Ion Ratio Lower Upper  
 225 100  
 223 62.3 31.7 95.1  
 227 63.9 32.3 96.9





#95

Naphthalene

Concen: 51.409 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005915.D

Acq: 12 Nov 2018 21:47

Instrument :

MSVOA\_X

ClientSampleId :

SS003MW273-181108MS

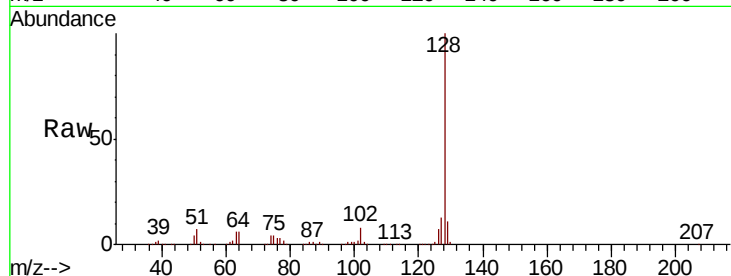
Tot Ion:128 Resp: 279968

Ion Ratio Lower Upper

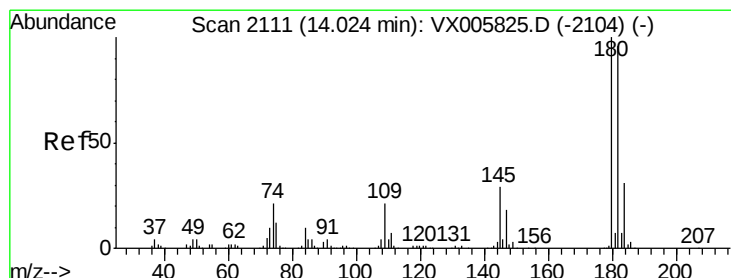
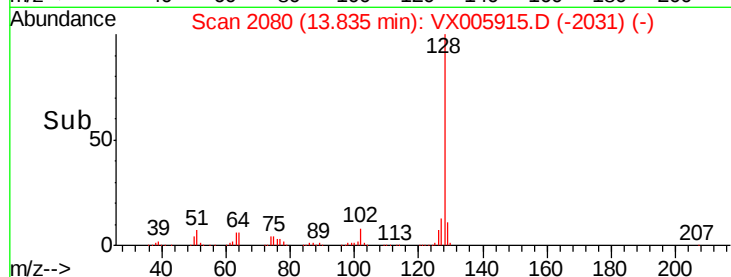
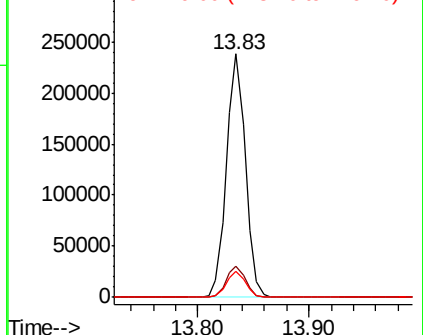
128 100

127 13.2 10.4 15.6

129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 53.373 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX005915.D

Acq: 12 Nov 2018 21:47

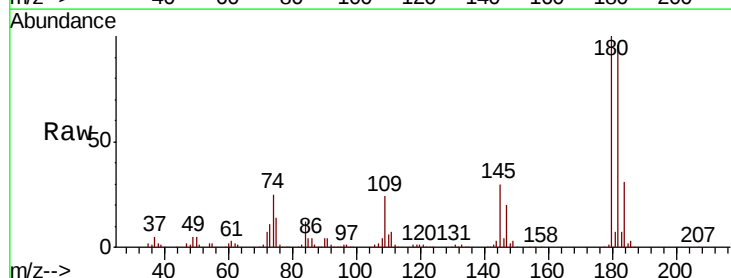
Tgt Ion:180 Resp: 90742

Ion Ratio Lower Upper

180 100

182 96.6 48.0 144.2

145 29.9 15.1 45.3



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

