

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111618\  
 Data File : VX006048.D  
 Acq On : 16 Nov 2018 14:28  
 Operator : JC/MD  
 Sample : VX1116WBSD01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1116WBSD01

Quant Time: Nov 17 00:42:43 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      | 5.67  | 168  | 125280   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 174978   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 164668   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 75598    | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.07   | 65  | 65334    | 45.36 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 90.72%  |      |
| 35) Dibromofluoromethane  | 5.50   | 113 | 54676    | 45.94 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 91.88%  |      |
| 50) Toluene-d8            | 8.71   | 98  | 200326   | 50.63 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.26% |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 68827    | 48.38 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.76%  |      |

## Target Compounds

|                               |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 19124  | 16.931  | ug/l   | 98     |
| 3) Chloromethane              | 1.32 | 50  | 23648  | 15.953  | ug/l   | 92     |
| 4) Vinyl Chloride             | 1.40 | 62  | 25474  | 17.118  | ug/l   | 99     |
| 5) Bromomethane               | 1.64 | 94  | 9419   | 10.343  | ug/l   | 98     |
| 6) Chloroethane               | 1.72 | 64  | 16737  | 18.849  | ug/l   | 92     |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 35879  | 18.163  | ug/l   | 95     |
| 8) Diethyl Ether              | 2.19 | 74  | 15099  | 19.507  | ug/l   | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 21545  | 18.964  | ug/l   | 97     |
| 10) Methyl Iodide             | 2.51 | 142 | 12386  | 8.995   | ug/l   | 97     |
| 11) Tert butyl alcohol        | 3.07 | 59  | 37733  | 91.455  | ug/l   | 99     |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 19905  | 17.976  | ug/l   | 91     |
| 13) Acrolein                  | 2.29 | 56  | 12251  | 76.665  | ug/l   | 93     |
| 14) Allyl chloride            | 2.73 | 41  | 45543  | 18.415  | ug/l   | 99     |
| 15) Acrylonitrile             | 3.15 | 53  | 89579  | 104.767 | ug/l   | 95     |
| 16) Acetone                   | 2.45 | 43  | 83905  | 108.199 | ug/l   | 99     |
| 17) Carbon Disulfide          | 2.57 | 76  | 51187  | 15.497  | ug/l   | 100    |
| 18) Methyl Acetate            | 2.78 | 43  | 44643  | 20.610  | ug/l   | 100    |
| 19) Methyl tert-butyl Ether   | 3.20 | 73  | 77590  | 20.530  | ug/l   | 96     |
| 20) Methylene Chloride        | 2.86 | 84  | 23793  | 18.678  | ug/l   | 94     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 22335  | 19.123  | ug/l   | 98     |
| 22) Diisopropyl ether         | 3.87 | 45  | 84686  | 19.547  | ug/l # | 94     |
| 23) Vinyl Acetate             | 3.82 | 43  | 326059 | 87.777  | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 45952  | 19.881  | ug/l   | 99     |
| 25) 2-Butanone                | 4.70 | 43  | 125467 | 102.912 | ug/l   | 95     |
| 26) 2,2-Dichloropropane       | 4.59 | 77  | 31361  | 18.496  | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 25488  | 19.763  | ug/l   | 97     |
| 28) Bromochloromethane        | 5.01 | 49  | 21448  | 20.763  | ug/l   | 94     |
| 29) Tetrahydrofuran           | 5.15 | 42  | 77414  | 98.894  | ug/l   | 97     |
| 30) Chloroform                | 5.21 | 83  | 43633  | 19.566  | ug/l   | 100    |
| 31) Cyclohexane               | 5.57 | 56  | 35241  | 17.564  | ug/l   | 99     |
| 32) 1,1,1-Trichloroethane     | 5.50 | 97  | 35328  | 18.993  | ug/l   | 100    |
| 36) 1,1-Dichloropropene       | 5.80 | 75  | 31233  | 18.516  | ug/l   | 98     |
| 37) Ethyl Acetate             | 4.85 | 43  | 43609  | 19.659  | ug/l   | 99     |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 30820  | 18.251  | ug/l   | 91     |

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 Sample : VX1116WBSD01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1116WBSD01

Quant Time: Nov 17 00:42:43 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   | 28374    | 16.596  | ug/l   | 94       |
| 40) Benzene                    | 6.14  | 78   | 102158   | 20.774  | ug/l   | 98       |
| 41) Methacrylonitrile          | 5.06  | 41   | 23060    | 19.239  | ug/l   | 97       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 33897    | 19.245  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 6.45  | 43   | 62754    | 19.524  | ug/l   | 97       |
| 44) Trichloroethene            | 7.22  | 130  | 23085    | 18.485  | ug/l   | 83       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 22646    | 18.973  | ug/l   | 98       |
| 46) Dibromomethane             | 7.66  | 93   | 14031    | 18.734  | ug/l   | 93       |
| 47) Bromodichloromethane       | 7.90  | 83   | 27250    | 19.252  | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.77  | 41   | 27682    | 19.180  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.75  | 88   | 12224    | 393.056 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 204387   | 100.895 | ug/l   | 99       |
| 52) Toluene                    | 8.78  | 92   | 57737    | 21.008  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 31442    | 18.823  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 33273    | 19.543  | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane      | 9.22  | 97   | 26229    | 21.414  | ug/l   | 96       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 37761    | 20.604  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 42344    | 20.572  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 98113    | 103.271 | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.49  | 43   | 185937   | 104.132 | ug/l   | 96       |
| 60) Dibromochloromethane       | 9.59  | 129  | 26084    | 19.705  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 28231    | 20.844  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.34  | 164  | 30081    | 21.456  | ug/l   | 89       |
| 65) Chlorobenzene              | 10.14 | 112  | 73426    | 22.258  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 22982    | 20.039  | ug/l   | 97       |
| 67) Ethyl Benzene              | 10.25 | 91   | 109962   | 20.788  | ug/l   | 92       |
| 68) m/p-Xylenes                | 10.36 | 106  | 87911    | 43.570  | ug/l   | 90       |
| 69) o-Xylene                   | 10.70 | 106  | 39481    | 21.821  | ug/l   | 99       |
| 70) Styrene                    | 10.71 | 104  | 67069    | 22.471  | ug/l   | 98       |
| 71) Bromoform                  | 10.85 | 173  | 19241    | 20.014  | ug/l # | 98       |
| 73) Isopropylbenzene           | 11.02 | 105  | 108652   | 24.853  | ug/l   | 100      |
| 74) N-amyl acetate             | 10.90 | 43   | 51626    | 21.771  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 34701    | 21.626  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 40361    | 26.220  | ug/l   | 87       |
| 77) Bromobenzene               | 11.26 | 156  | 26367    | 21.398  | ug/l   | 99       |
| 78) n-propylbenzene            | 11.36 | 91   | 112784   | 21.890  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 68116    | 21.873  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 82328    | 22.160  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 10668    | 22.088  | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 79833    | 21.752  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.77 | 119  | 77551    | 20.634  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 85425    | 20.766  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.94 | 105  | 99156    | 21.574  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 87760    | 21.557  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 48679    | 20.585  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 49057    | 20.264  | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.39 | 91   | 74682    | 19.793  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.60 | 117  | 14254    | 20.971  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 48704    | 20.559  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 8142     | 20.793  | ug/l   | 96       |

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Sample : VX1116WBSD01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1116WBSD01

Quant Time: Nov 17 00:42:43 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X110718W.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 07 14:40:53 2018  
Response via : Initial Calibration

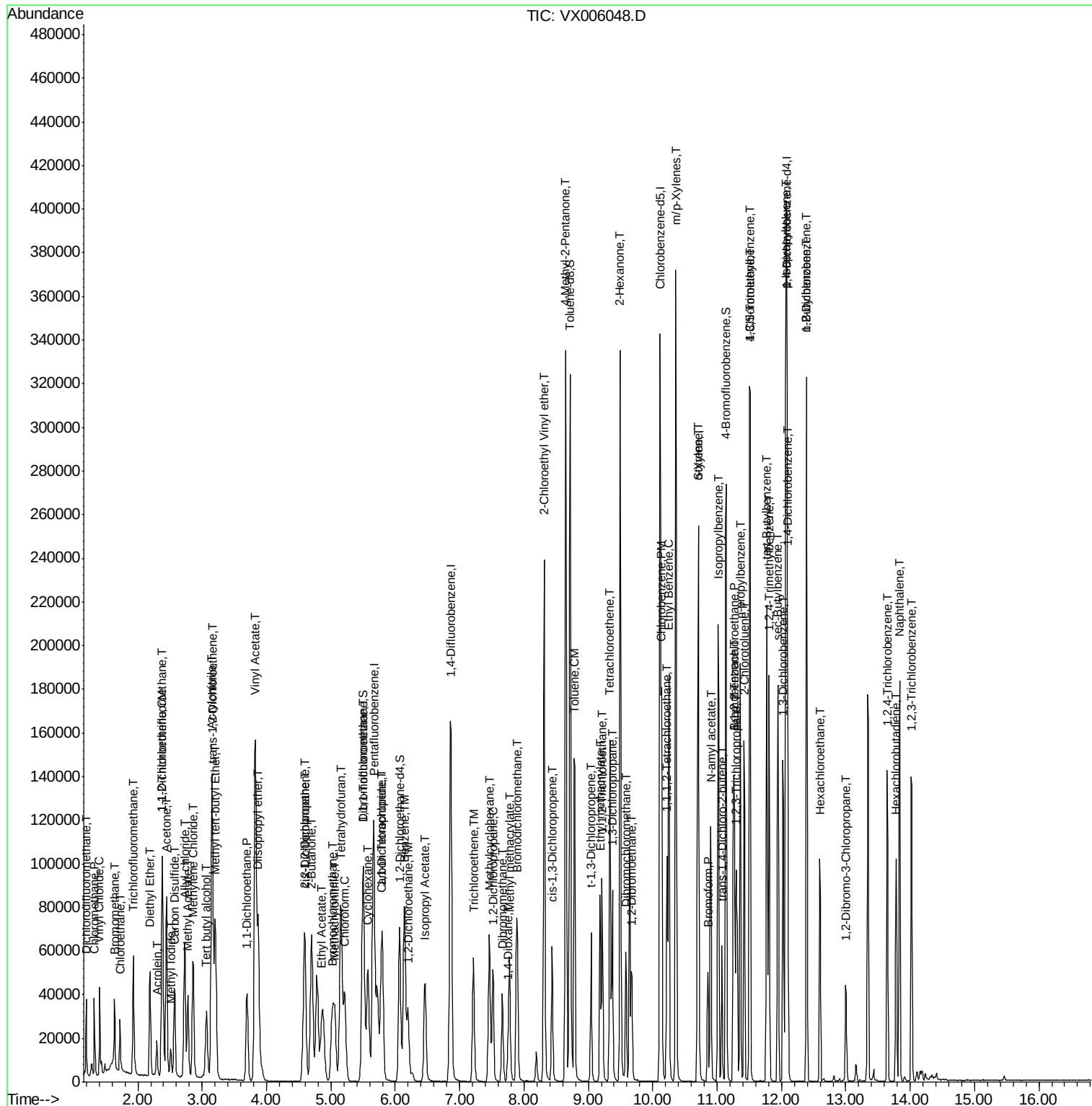
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 35985    | 21.577 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.79 | 225  | 16836    | 19.218 | ug/l  | 99       |
| 95) Naphthalene            | 13.83 | 128  | 110724   | 21.056 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 36631    | 21.560 | ug/l  | 100      |

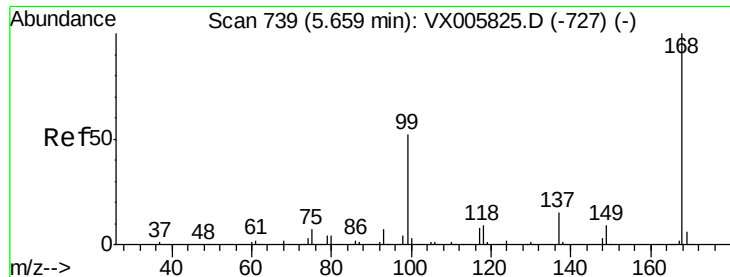
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX111618\  
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006048.D

Acq: 16 Nov 2018 14:28

Instrument :

MSVOA\_X

ClientSampleId :

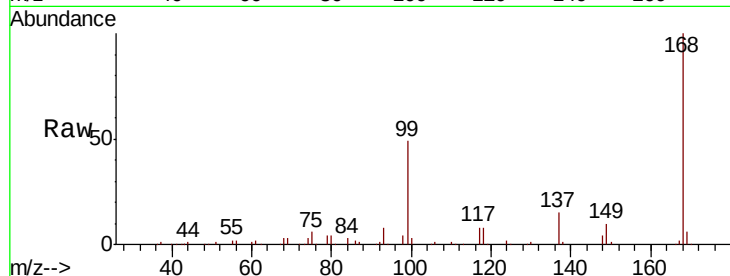
VX1116WBSD01

Tot Ion:168 Resp: 125280

Ion Ratio Lower Upper

168 100

99 49.0 40.7 61.1



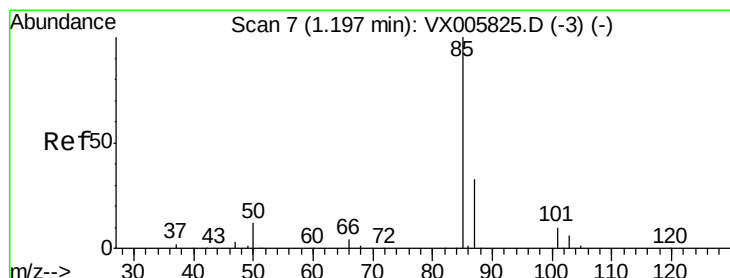
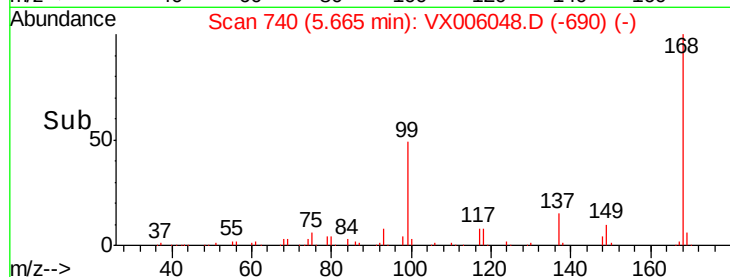
Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 16.931 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006048.D

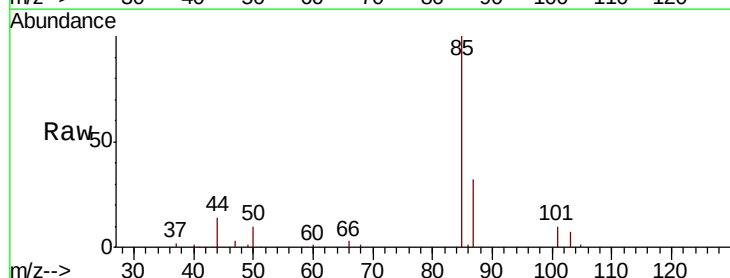
Acq: 16 Nov 2018 14:28

Tgt Ion: 85 Resp: 19124

Ion Ratio Lower Upper

85 100

87 31.6 16.3 48.9



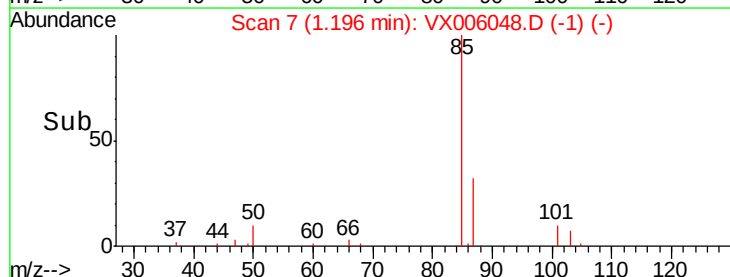
Abundance Ion 84.90 (84.60 to 85.60): VX0

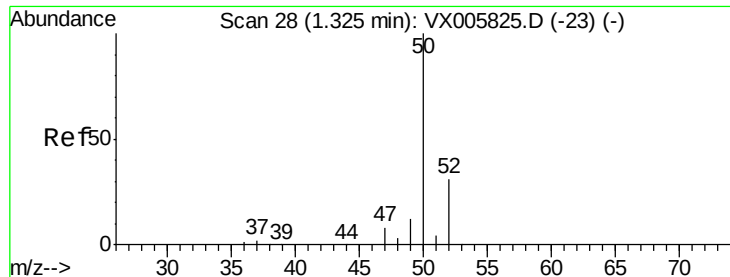
Ion 86.90 (86.60 to 87.60): VX0

1.20

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 15.953 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX006048.D

Acq: 16 Nov 2018 14:28

Instrument :

MSVOA\_X

ClientSampleId :

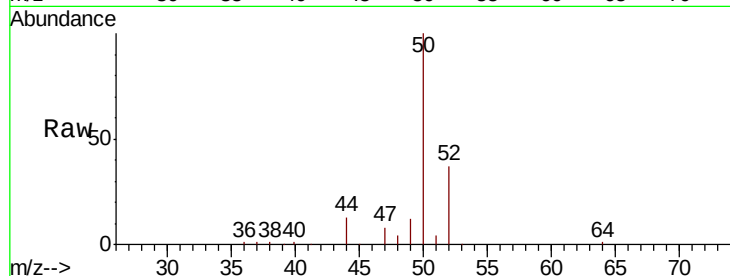
VX1116WBSD01

Tot Ion: 50 Resp: 23648

Ion Ratio Lower Upper

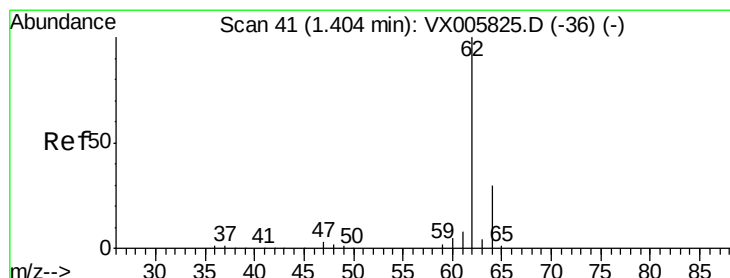
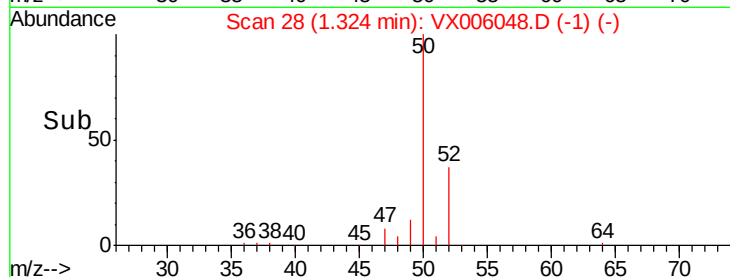
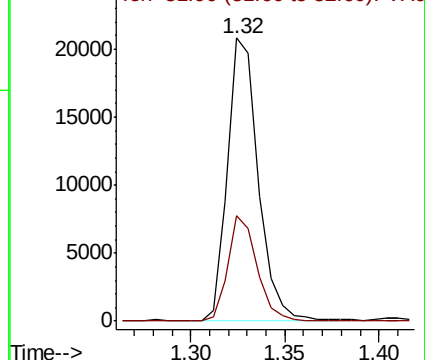
50 100

52 37.1 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.118 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX006048.D

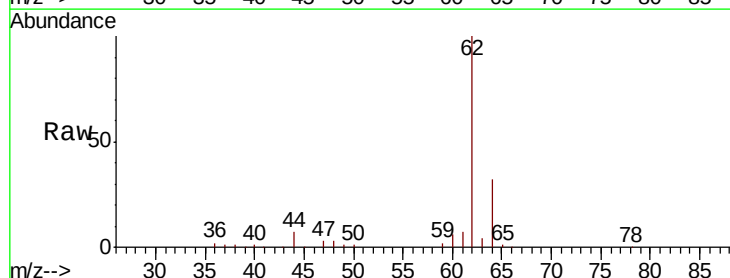
Acq: 16 Nov 2018 14:28

Tgt Ion: 62 Resp: 25474

Ion Ratio Lower Upper

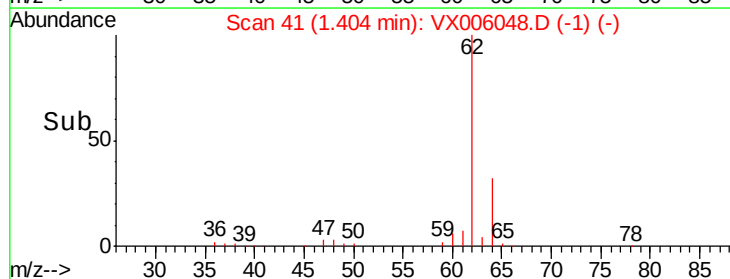
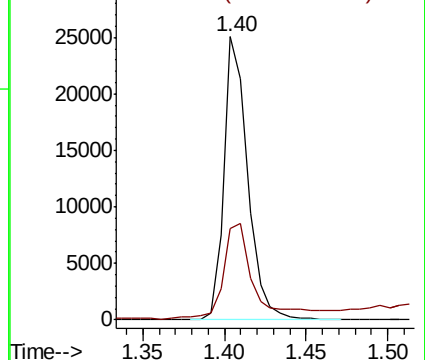
62 100

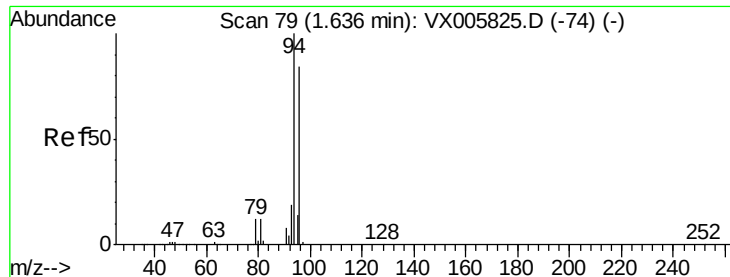
64 31.2 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 10.343 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX006048.D

Acq: 16 Nov 2018 14:28

Instrument :

MSVOA\_X

ClientSampleId :

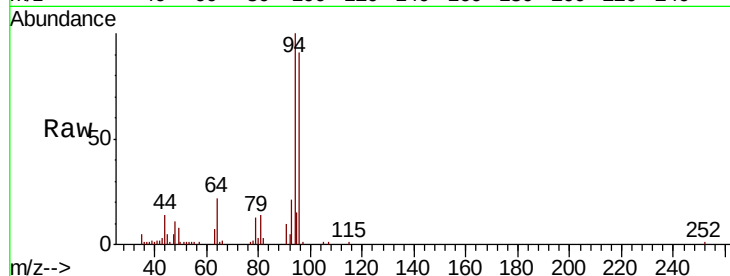
VX1116WBSD01

Tot Ion: 94 Resp: 9419

Ion Ratio Lower Upper

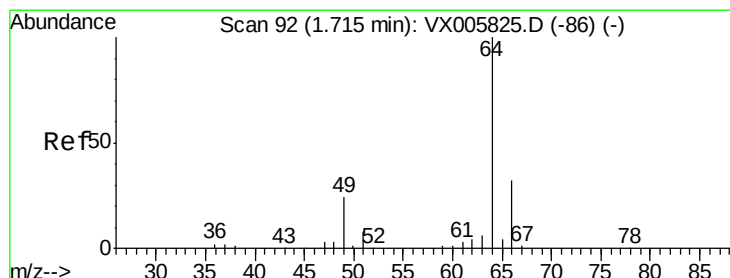
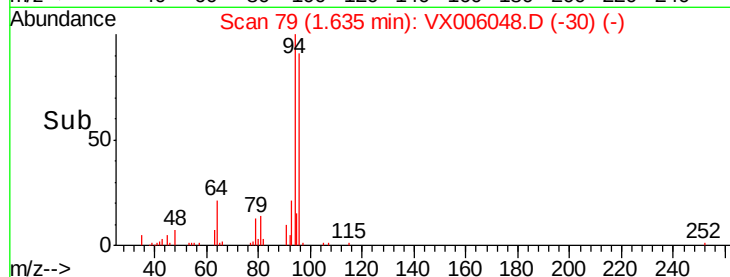
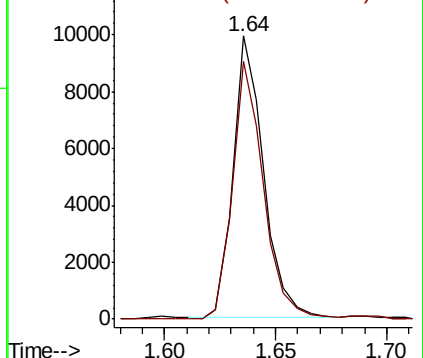
94 100

96 91.6 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: 18.849 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006048.D

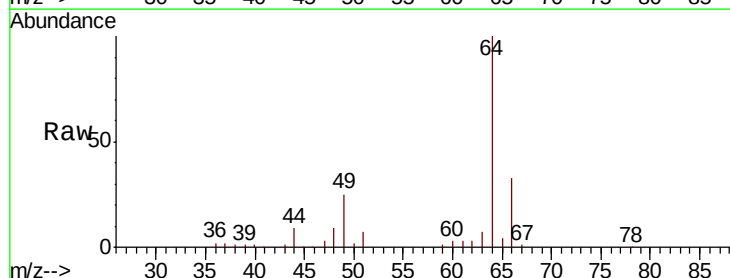
Acq: 16 Nov 2018 14:28

Tgt Ion: 64 Resp: 16737

Ion Ratio Lower Upper

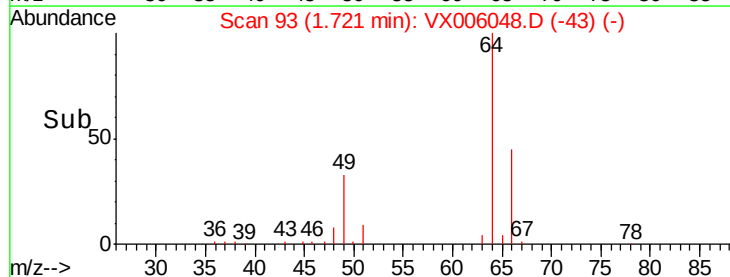
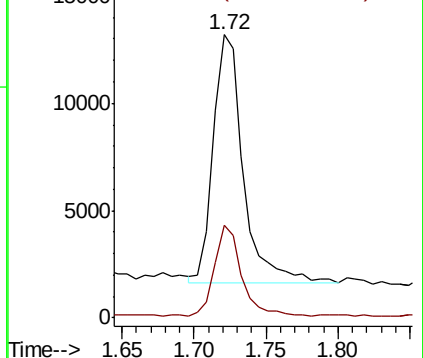
64 100

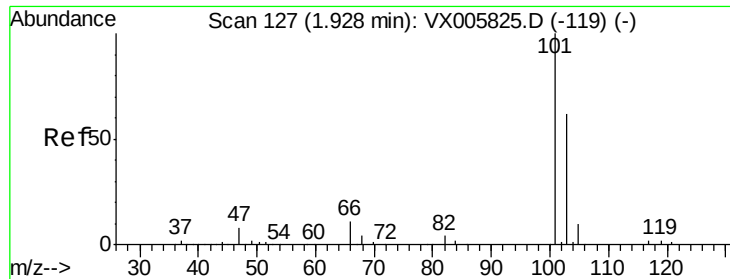
66 36.7 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



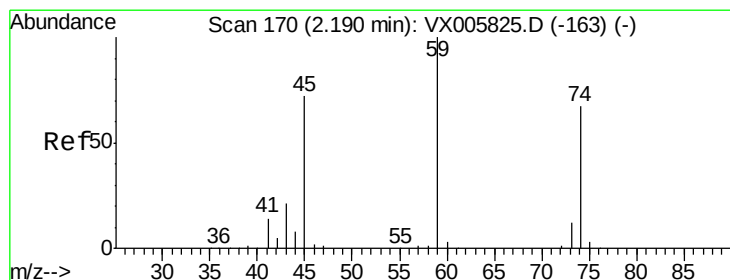
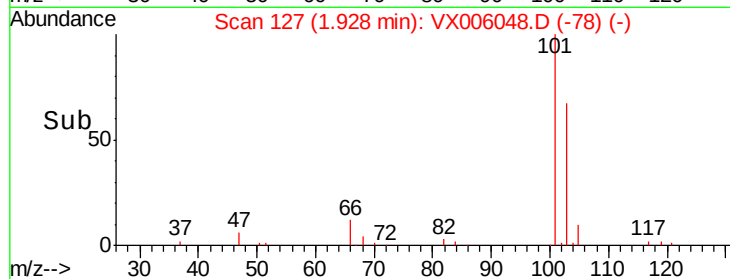
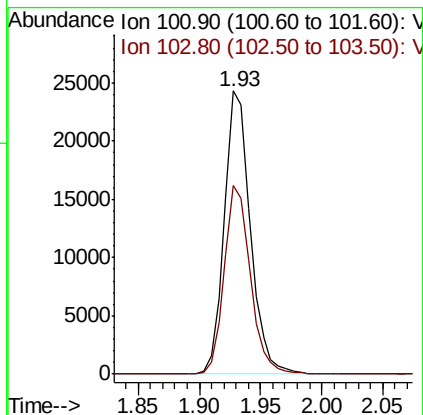
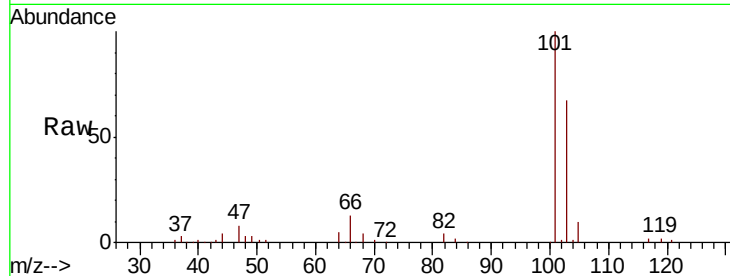


#7

Trichlorofluoromethane  
 Concen: 18.163 ug/l  
 RT: 1.93 min Scan# 127  
 Delta R.T. -0.00 min  
 Lab File: VX006048.D  
 Acq: 16 Nov 2018 14:28

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1116WBSD01

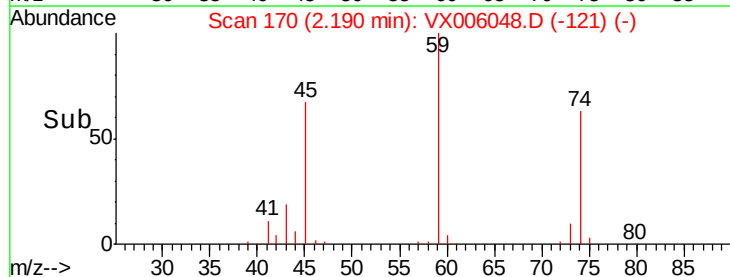
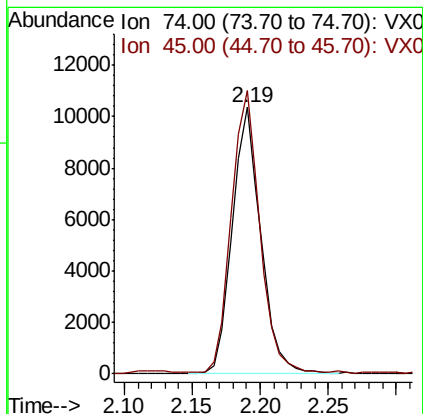
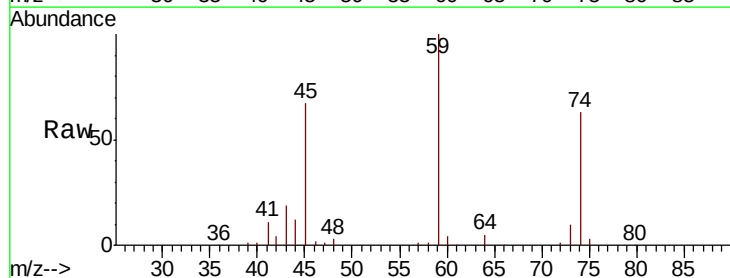
Tot Ion:101 Resp: 35879  
 Ion Ratio Lower Upper  
 101 100  
 103 66.6 50.0 75.0



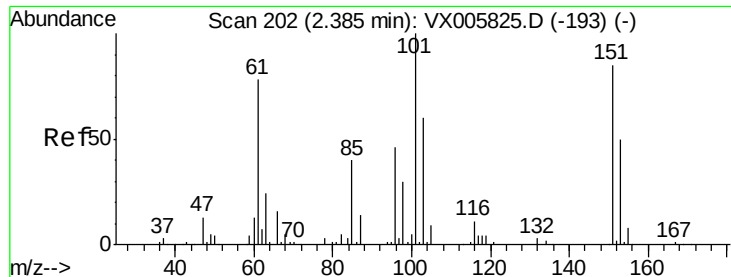
#8

Diethyl Ether  
 Concen: 19.507 ug/l  
 RT: 2.19 min Scan# 170  
 Delta R.T. -0.00 min  
 Lab File: VX006048.D  
 Acq: 16 Nov 2018 14:28

Tgt Ion: 74 Resp: 15099  
 Ion Ratio Lower Upper  
 74 100  
 45 107.9 54.1 162.3



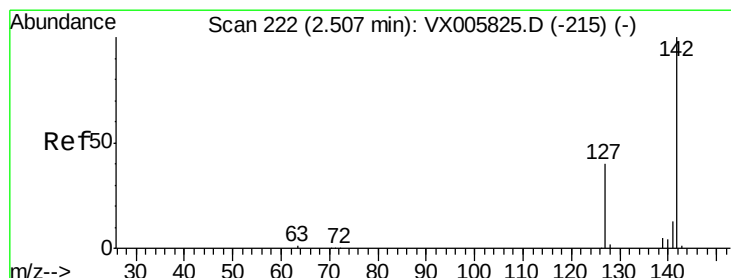
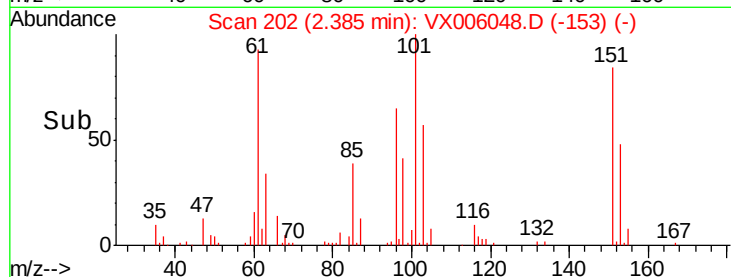
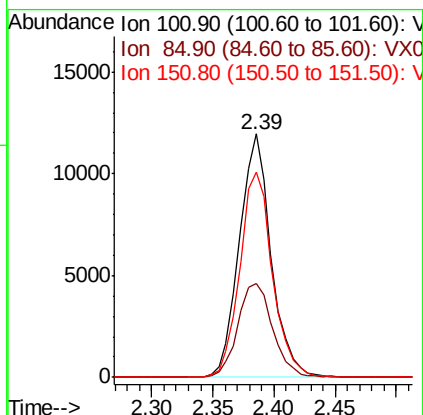
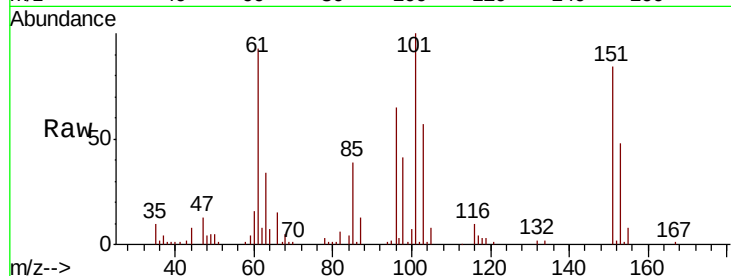




#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 18.964 ug/l  
 RT: 2.39 min Scan# 202  
 Delta R.T. -0.00 min  
 Lab File: VX006048.D  
 Acq: 16 Nov 2018 14:28

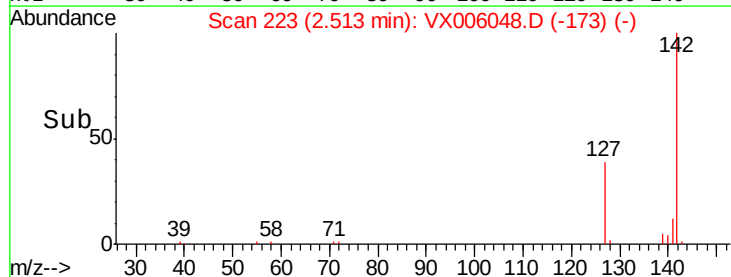
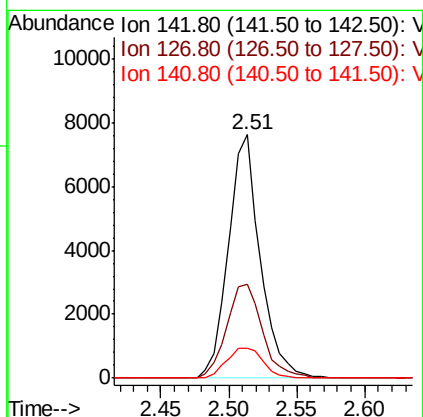
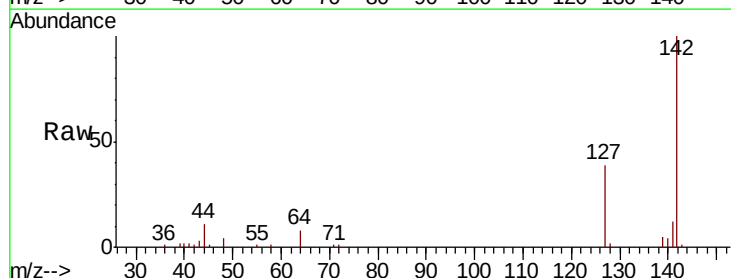
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1116WBSD01

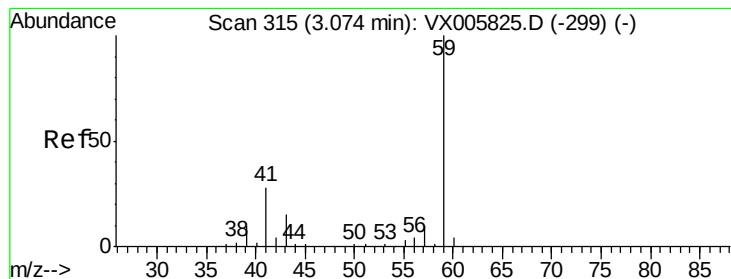
Tot Ion:101 Resp: 21545  
 Ion Ratio Lower Upper  
 101 100  
 85 42.5 35.0 52.4  
 151 86.6 66.2 99.2



#10  
 Methyl Iodide  
 Concen: 8.995 ug/l  
 RT: 2.51 min Scan# 223  
 Delta R.T. 0.01 min  
 Lab File: VX006048.D  
 Acq: 16 Nov 2018 14:28

Tgt Ion:142 Resp: 12386  
 Ion Ratio Lower Upper  
 142 100  
 127 43.0 36.0 54.0  
 141 14.1 11.7 17.5



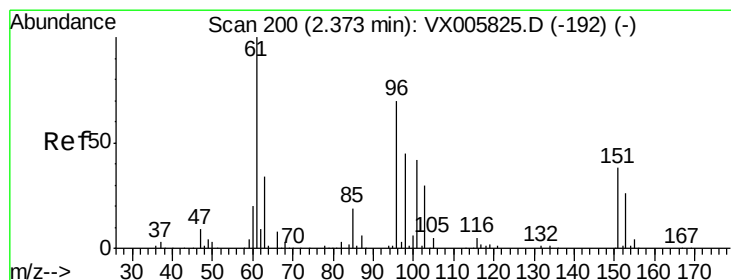
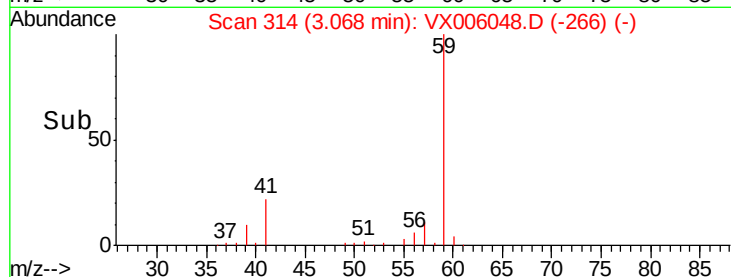
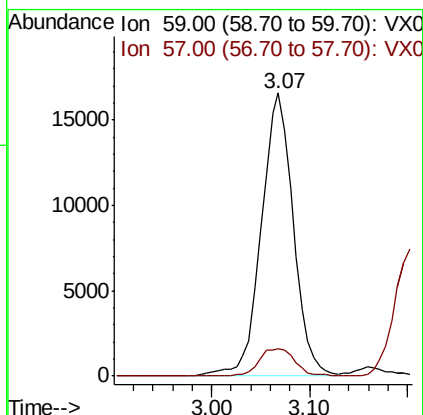
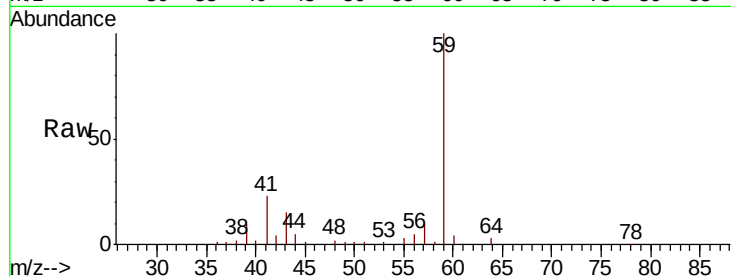


#11

Tert butyl alcohol  
 Concen: 91.455 ug/l  
 RT: 3.07 min Scan# 314  
 Delta R.T. -0.01 min  
 Lab File: VX006048.D  
 Acq: 16 Nov 2018 14:28

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1116WBSD01

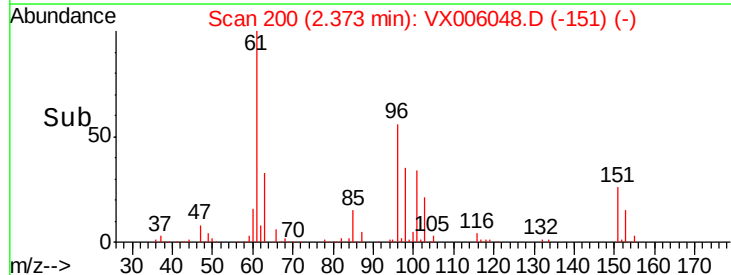
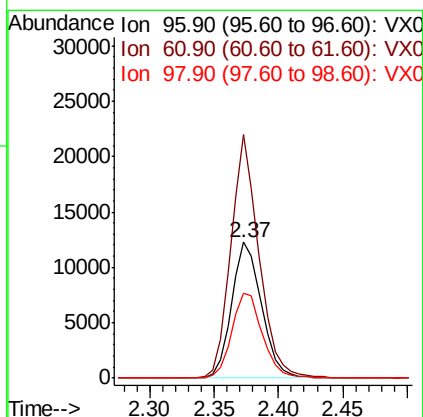
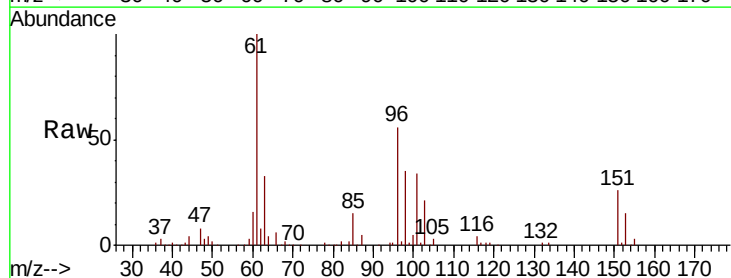
Tot Ion: 59 Resp: 37733  
 Ion Ratio Lower Upper  
 59 100  
 57 10.8 8.5 12.7

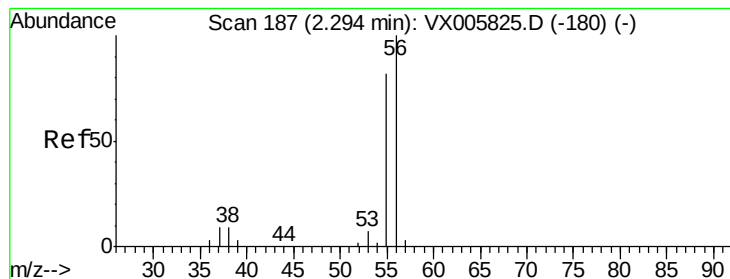


#12

1,1-Dichloroethene  
 Concen: 17.976 ug/l  
 RT: 2.37 min Scan# 200  
 Delta R.T. -0.00 min  
 Lab File: VX006048.D  
 Acq: 16 Nov 2018 14:28

Tgt Ion: 96 Resp: 19905  
 Ion Ratio Lower Upper  
 96 100  
 61 179.0 131.8 197.8  
 98 62.3 53.4 80.2





#13

Acrolein

Concen: 76.665 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006048.D

Acq: 16 Nov 2018 14:28

Instrument :

MSVOA\_X

ClientSampled :

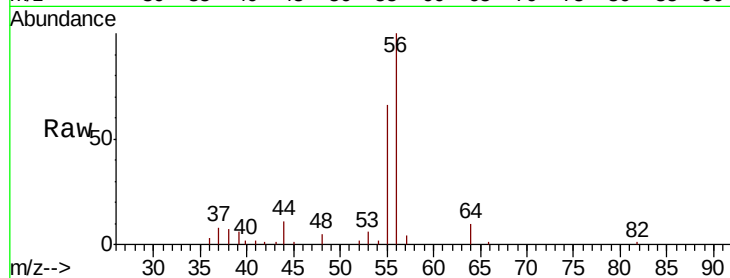
VX1116WBSD01

Tot Ion: 56 Resp: 12251

Ion Ratio Lower Upper

56 100

55 65.6 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

8000

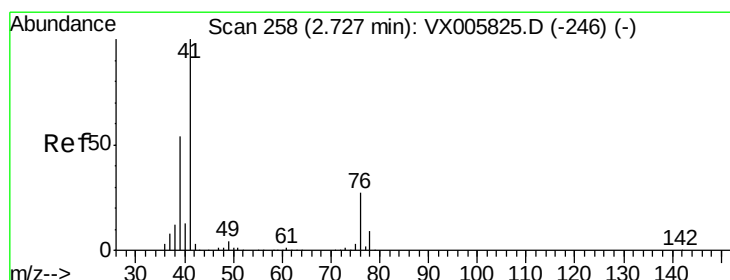
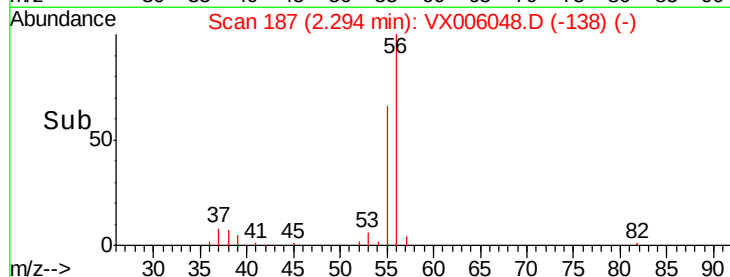
6000

4000

2000

0

Time-->



#14

Allyl chloride

Concen: 18.415 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006048.D

Acq: 16 Nov 2018 14:28

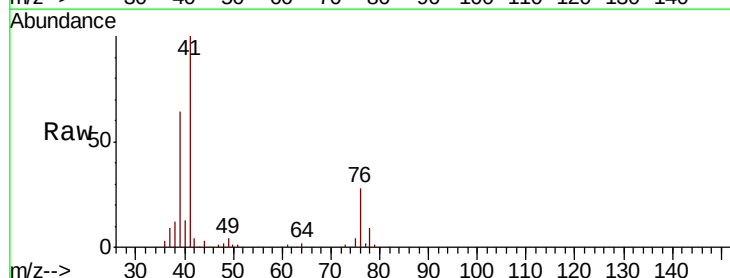
Tgt Ion: 41 Resp: 45543

Ion Ratio Lower Upper

41 100

39 60.8 48.2 72.4

76 27.6 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

30000

25000

20000

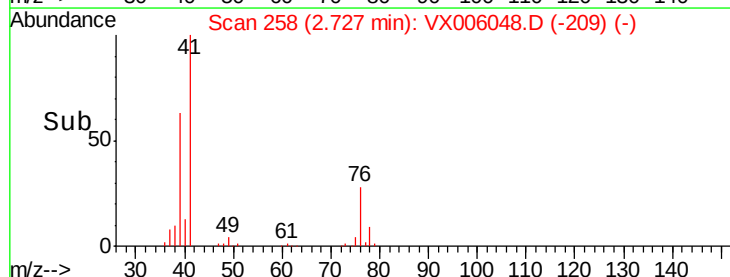
15000

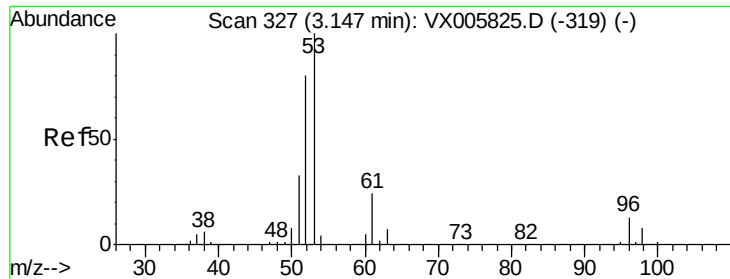
10000

5000

0

Time-->





#15

Acrylonitrile

Concen: 104.767 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX006048.D

Acq: 16 Nov 2018 14:28

Instrument :

MSVOA\_X

ClientSampleId :

VX1116WBSD01

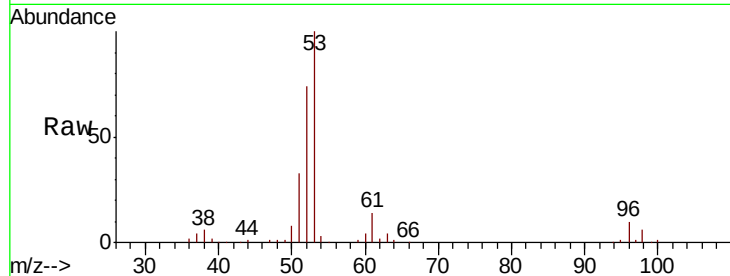
Tot Ion: 53 Resp: 89579

Ion Ratio Lower Upper

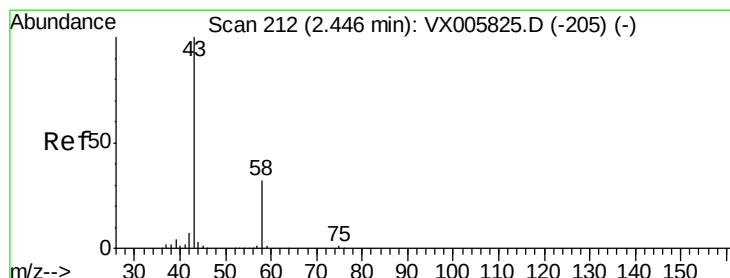
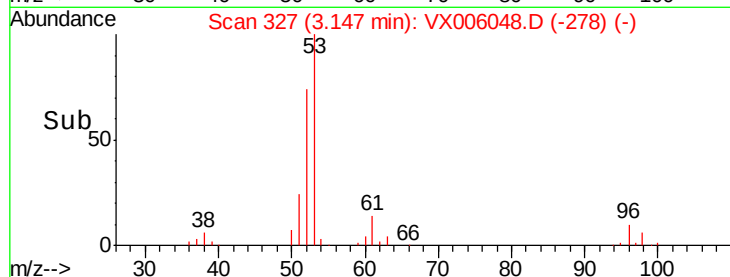
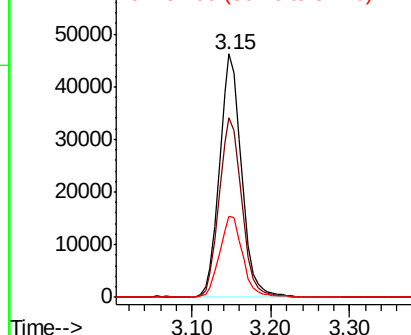
53 100

52 76.4 66.6 99.8

51 35.4 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: 108.199 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006048.D

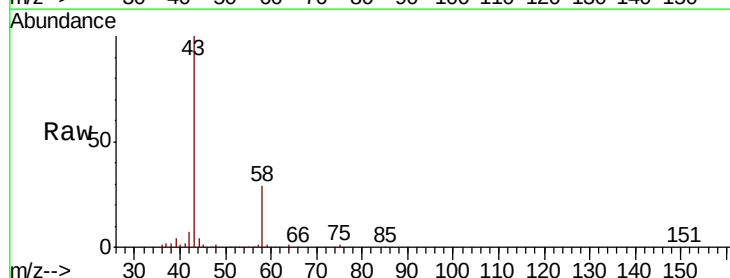
Acq: 16 Nov 2018 14:28

Tgt Ion: 43 Resp: 83905

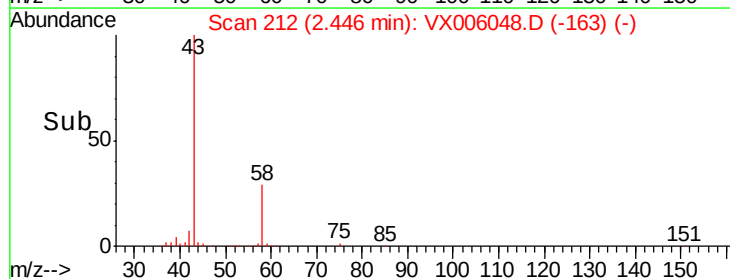
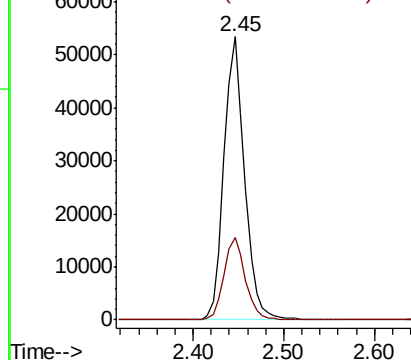
Ion Ratio Lower Upper

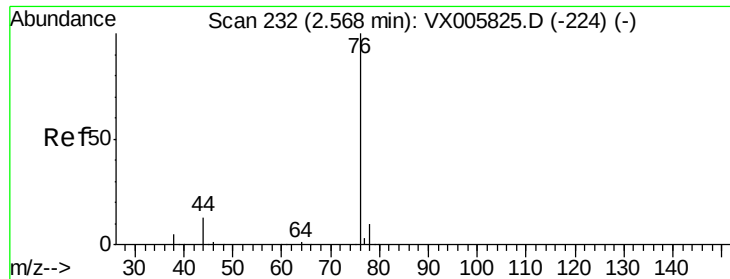
43 100

58 29.1 23.8 35.6



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

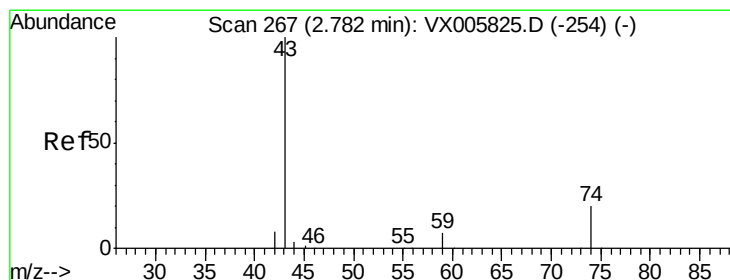
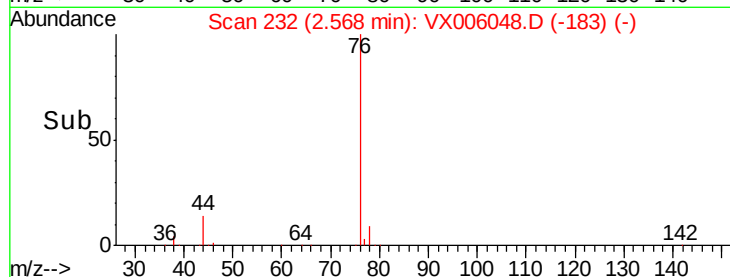
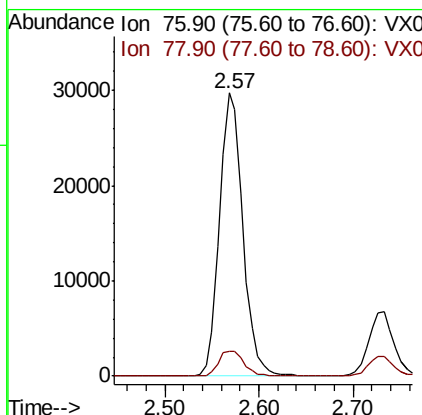
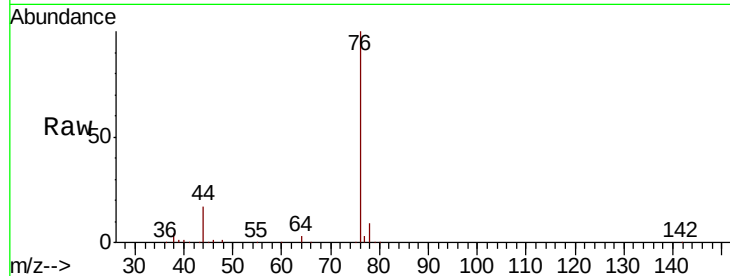




#17  
Carbon Disulfide  
Concen: 15.497 ug/l  
RT: 2.57 min Scan# 232  
Delta R.T. -0.00 min  
Lab File: VX006048.D  
Acq: 16 Nov 2018 14:28

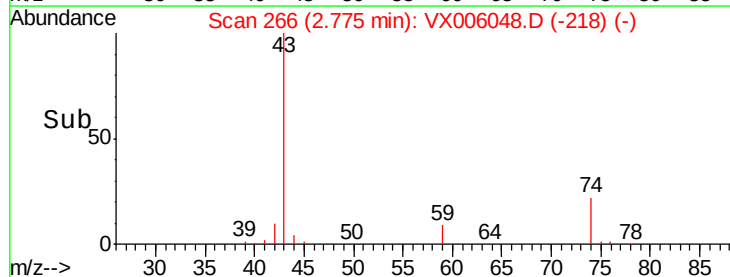
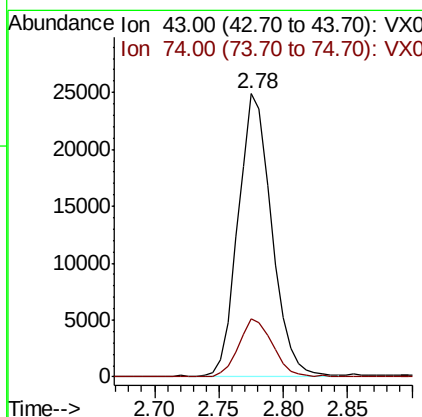
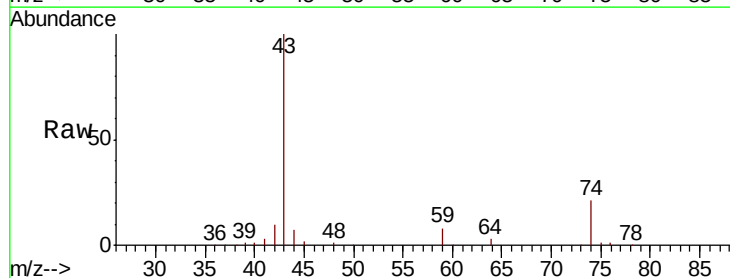
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1116WBSD01

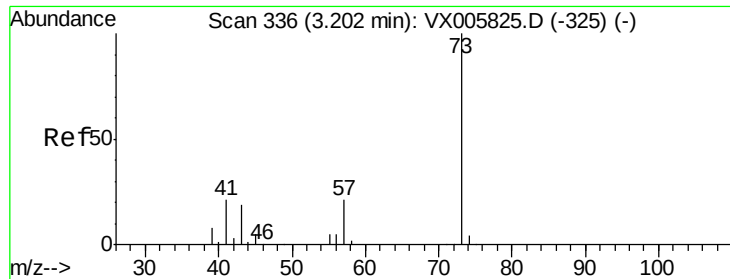
Tot Ion: 76 Resp: 51187  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.3 10.9



#18  
Methyl Acetate  
Concen: 20.610 ug/l  
RT: 2.78 min Scan# 266  
Delta R.T. -0.01 min  
Lab File: VX006048.D  
Acq: 16 Nov 2018 14:28

Tgt Ion: 43 Resp: 44643  
Ion Ratio Lower Upper  
43 100  
74 21.1 16.8 25.2

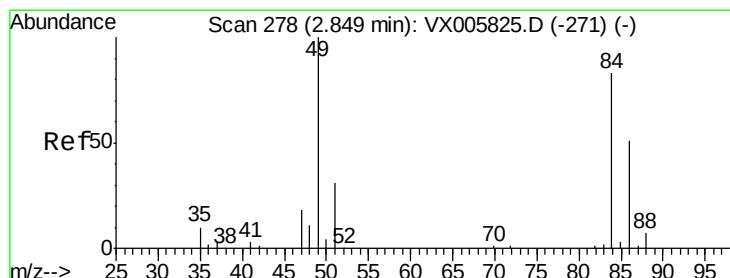
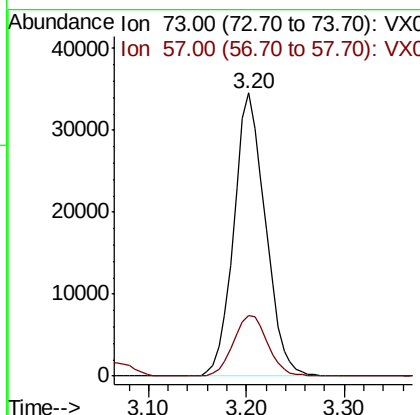
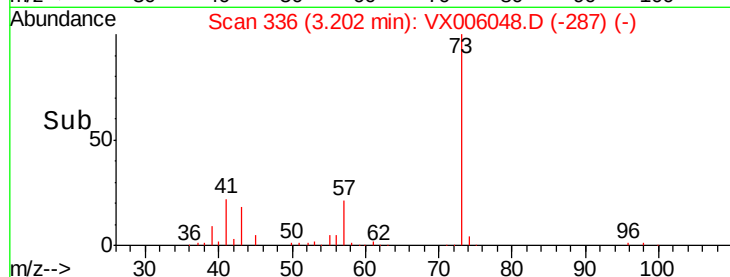
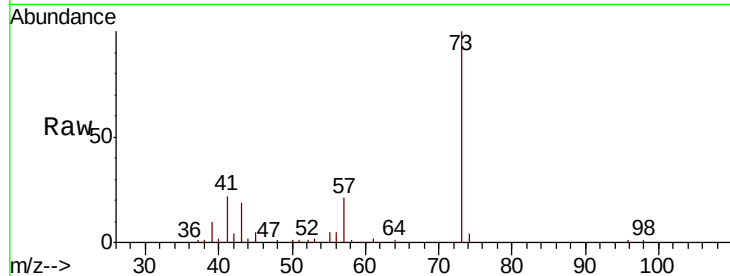




#19  
Methyl tert-butyl Ether  
Concen: 20.530 ug/l  
RT: 3.20 min Scan# 336  
Delta R.T. -0.00 min  
Lab File: VX006048.D  
Acq: 16 Nov 2018 14:28

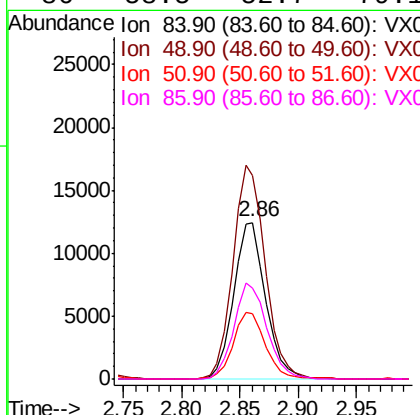
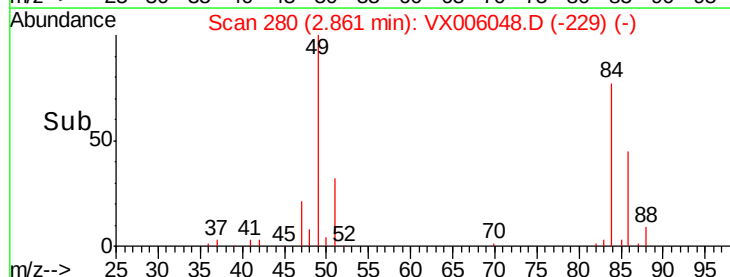
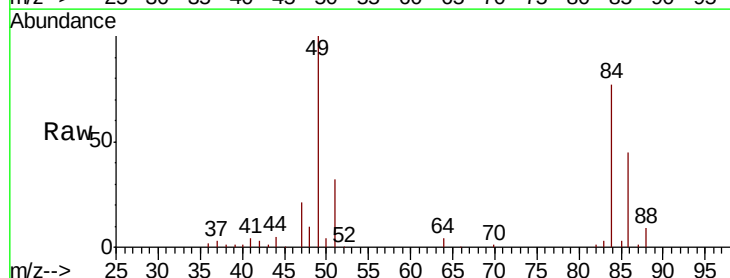
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1116WBSD01

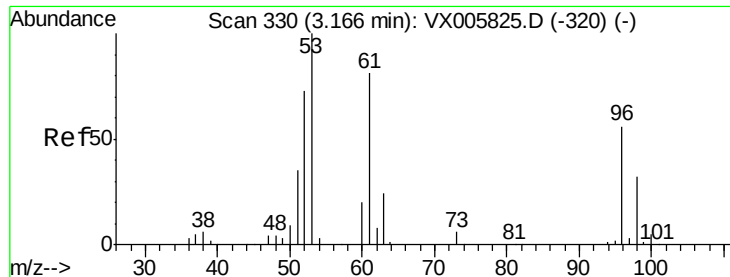
Tot Ion: 73 Resp: 77590  
Ion Ratio Lower Upper  
73 100  
57 21.5 18.8 28.2



#20  
Methylene Chloride  
Concen: 18.678 ug/l  
RT: 2.86 min Scan# 280  
Delta R.T. 0.01 min  
Lab File: VX006048.D  
Acq: 16 Nov 2018 14:28

Tgt Ion: 84 Resp: 23793  
Ion Ratio Lower Upper  
84 100  
49 130.2 109.5 164.3  
51 41.9 33.3 49.9  
86 58.5 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 19.123 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006048.D

Acq: 16 Nov 2018 14:28

Instrument :

MSVOA\_X

ClientSampleId :

VX1116WBSD01

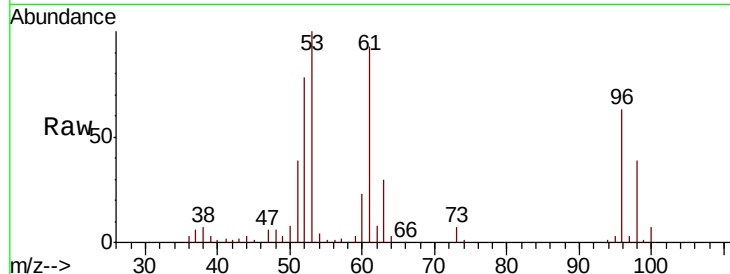
Tot Ion: 96 Resp: 22335

Ion Ratio Lower Upper

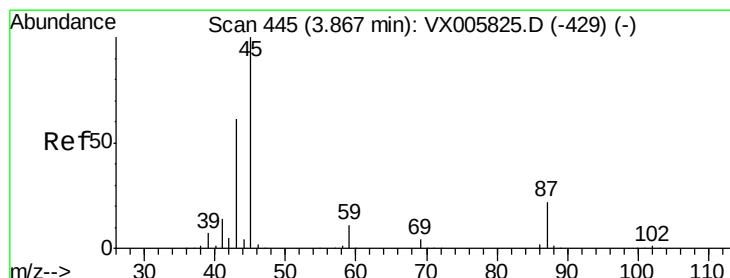
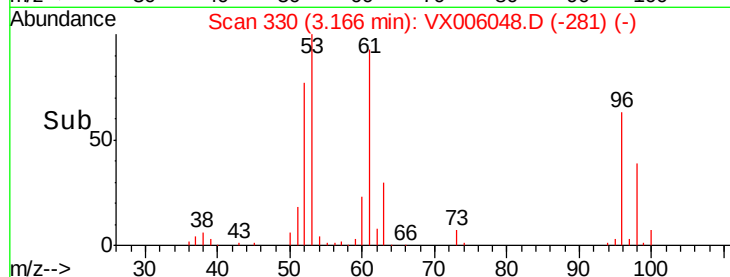
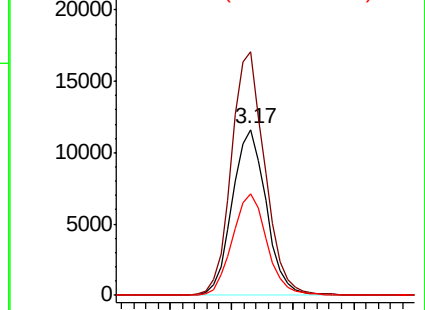
96 100

61 146.5 115.6 173.4

98 61.3 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: 19.547 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX006048.D

Acq: 16 Nov 2018 14:28

Tgt Ion: 45 Resp: 84686

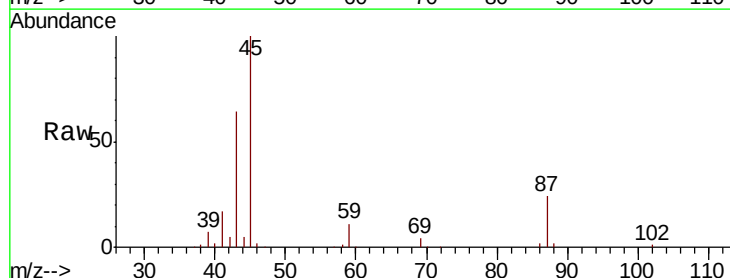
Ion Ratio Lower Upper

45 100

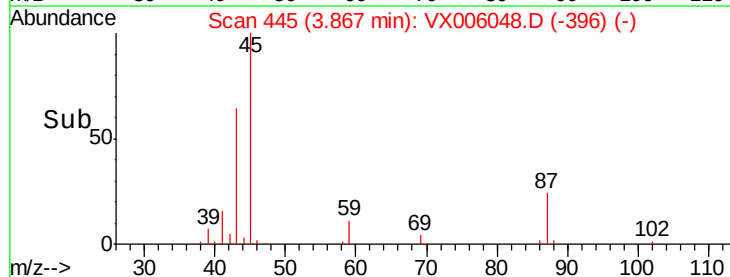
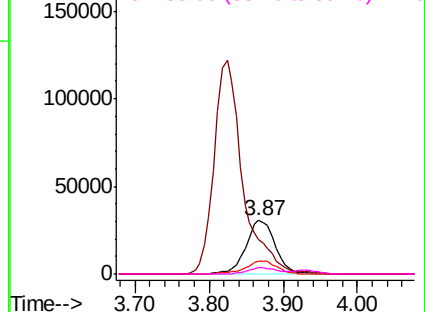
43 63.7 47.4 71.2

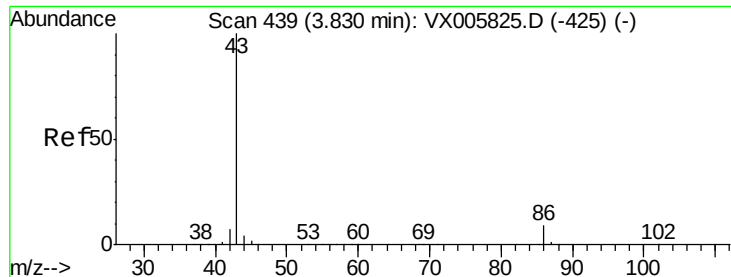
87 24.0 15.9 23.9#

59 11.4 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: 87.777 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.01 min

Lab File: VX006048.D

Acq: 16 Nov 2018 14:28

Instrument :

MSVOA\_X

ClientSampleID :

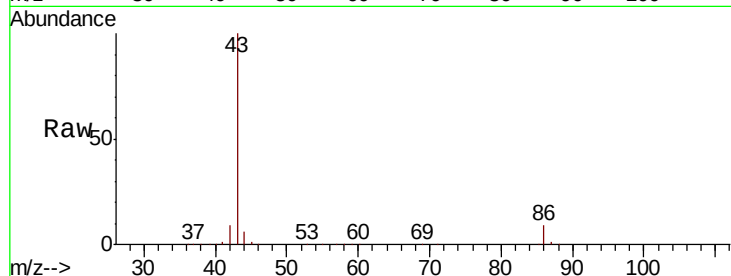
VX1116WBSD01

Tot Ion: 43 Resp: 326059

Ion Ratio Lower Upper

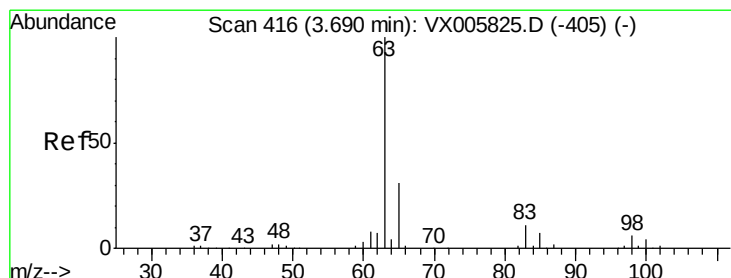
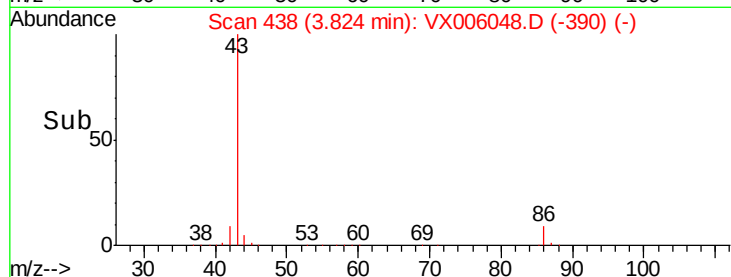
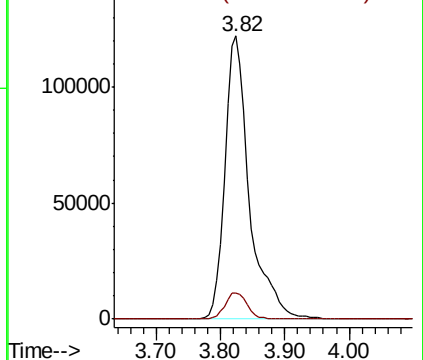
43 100

86 9.3 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: 19.881 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX006048.D

Acq: 16 Nov 2018 14:28

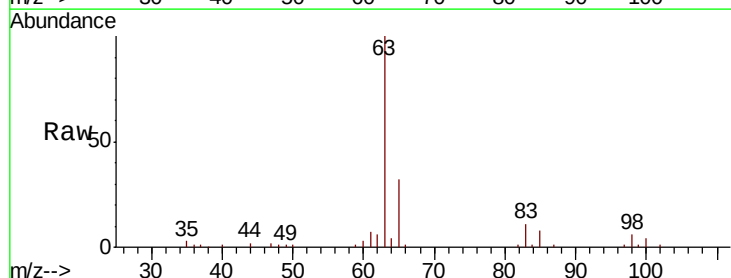
Tgt Ion: 63 Resp: 45952

Ion Ratio Lower Upper

63 100

98 6.2 3.2 9.6

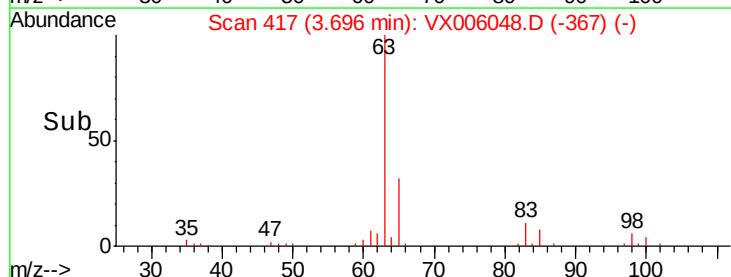
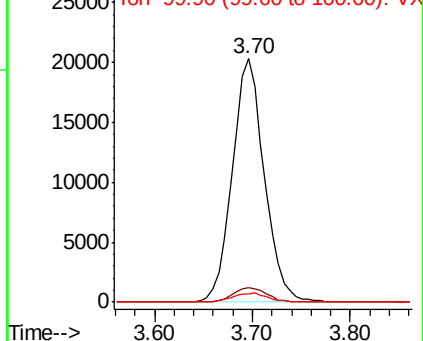
100 3.5 2.1 6.2



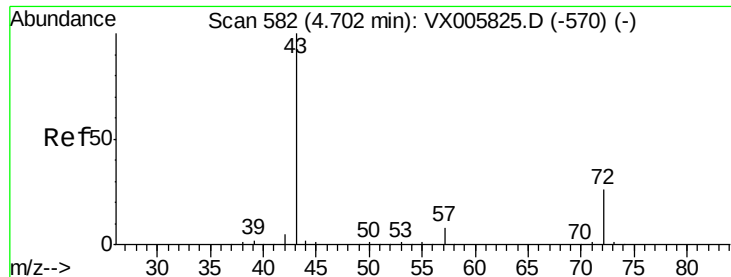
Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0







#25

2-Butanone

Concen: 102.912 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX006048.D

Acq: 16 Nov 2018 14:28

Instrument :

MSVOA\_X

ClientSampleId :

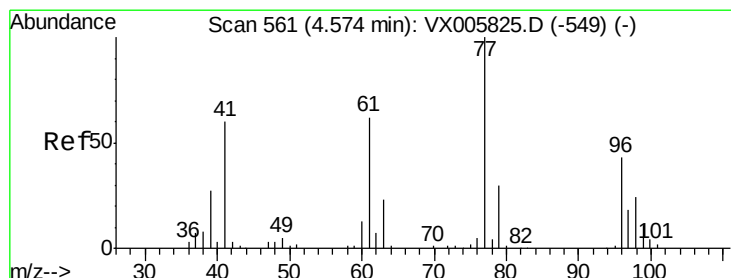
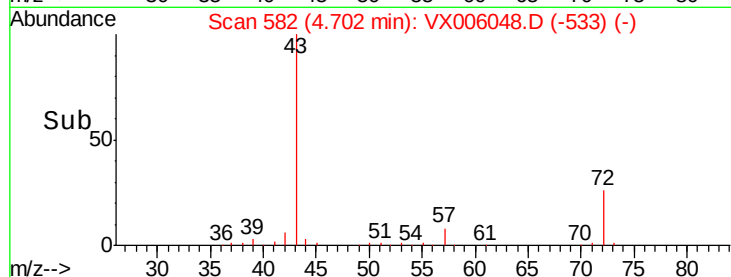
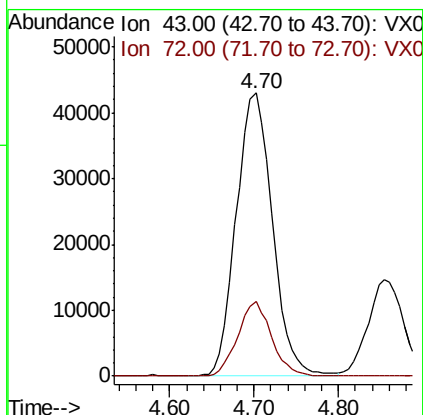
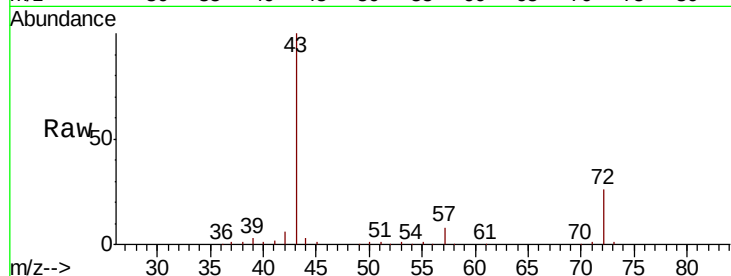
VX1116WBSD01

Tot Ion: 43 Resp: 125467

Ion Ratio Lower Upper

43 100

72 26.4 19.2 28.8



#26

2,2-Dichloropropane

Concen: 18.496 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX006048.D

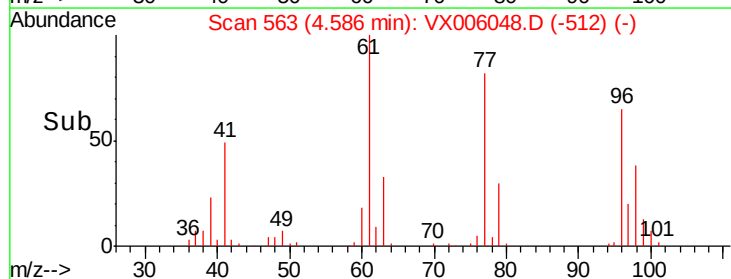
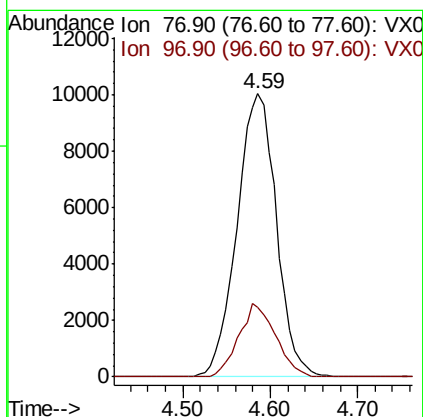
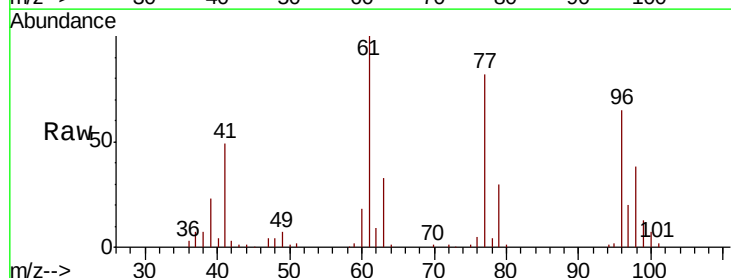
Acq: 16 Nov 2018 14:28

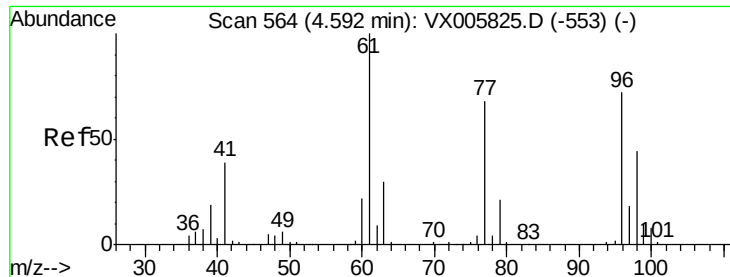
Tgt Ion: 77 Resp: 31361

Ion Ratio Lower Upper

77 100

97 24.1 11.5 34.5



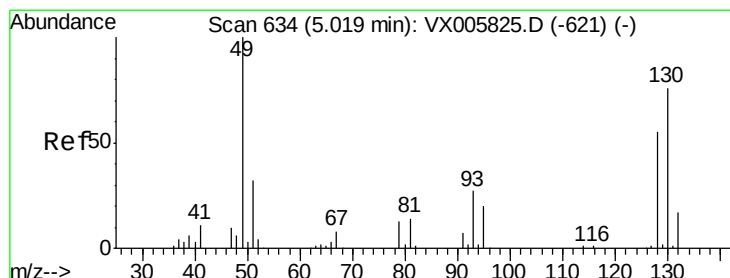
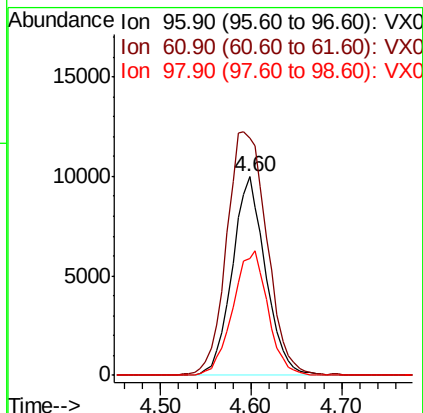
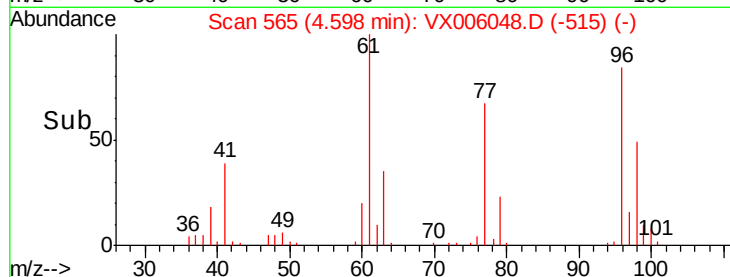
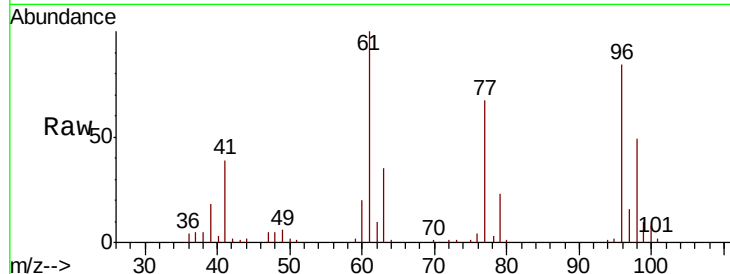


#27

cis-1,2-Dichloroethene  
Concen: 19.763 ug/l  
RT: 4.60 min Scan# 565  
Delta R.T. 0.01 min  
Lab File: VX006048.D  
Acq: 16 Nov 2018 14:28

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1116WBSD01

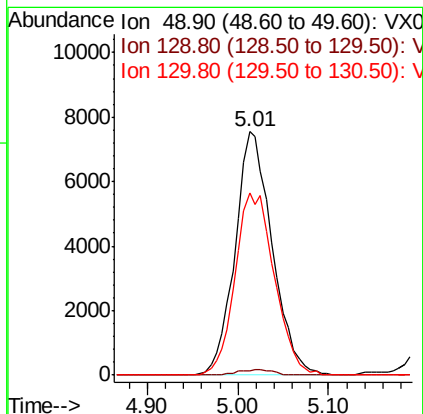
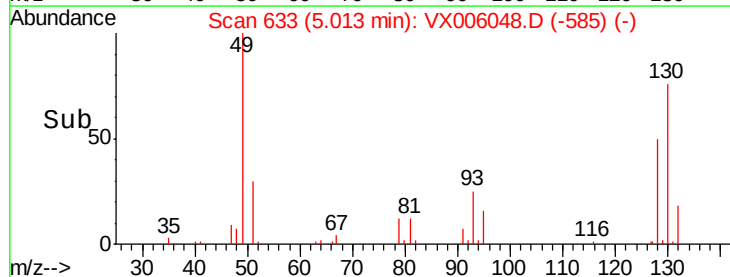
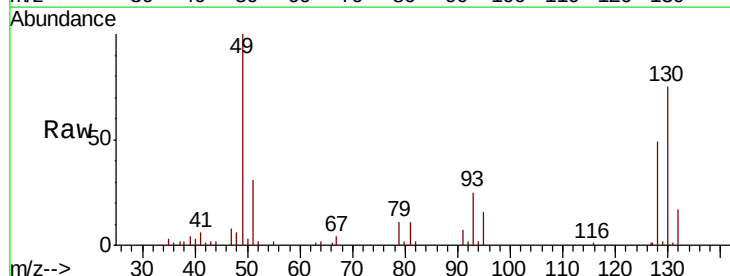
Tot Ion: 96 Resp: 25488  
Ion Ratio Lower Upper  
96 100  
61 148.2 0.0 304.6  
98 65.5 0.0 127.4

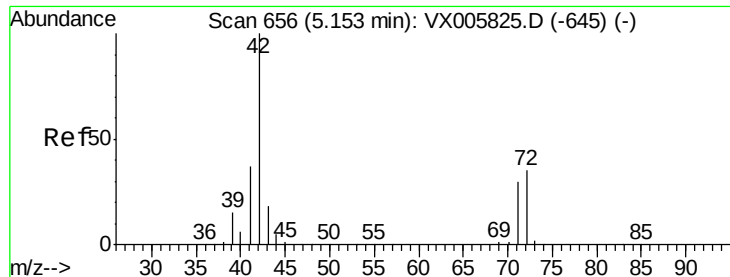


#28

Bromochloromethane  
Concen: 20.763 ug/l  
RT: 5.01 min Scan# 633  
Delta R.T. -0.01 min  
Lab File: VX006048.D  
Acq: 16 Nov 2018 14:28

Tgt Ion: 49 Resp: 21448  
Ion Ratio Lower Upper  
49 100  
129 2.0 0.0 4.0  
130 78.6 58.9 88.3





#29

Tetrahydrofuran

Concen: 98.894 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX006048.D

Acq: 16 Nov 2018 14:28

Instrument :

MSVOA\_X

ClientSampled :

VX1116WBSD01

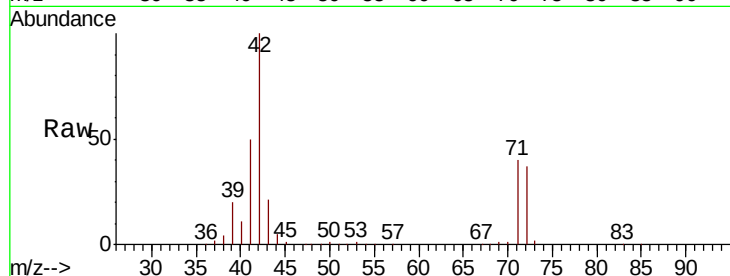
Tot Ion: 42 Resp: 77414

Ion Ratio Lower Upper

42 100

72 41.7 32.0 48.0

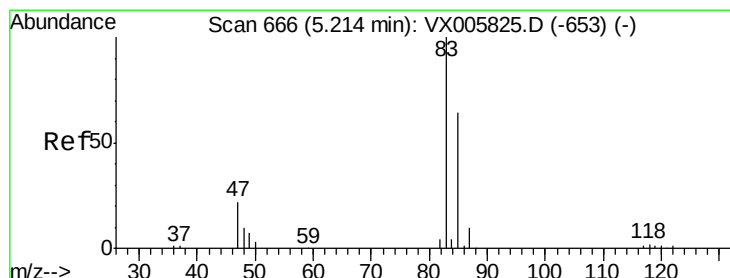
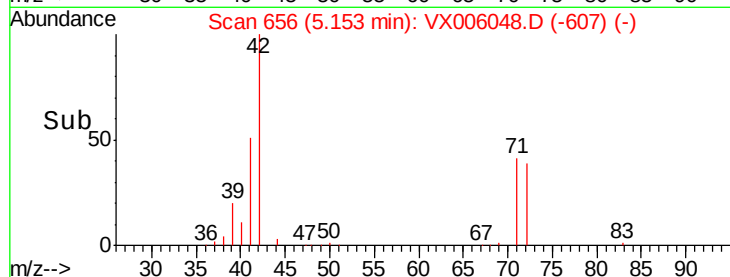
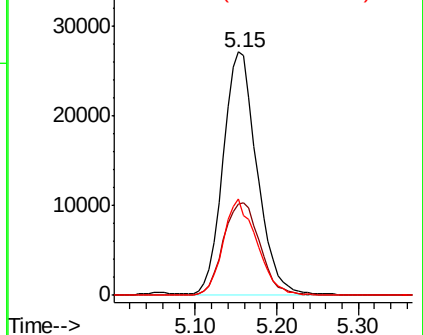
71 39.5 29.8 44.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.566 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX006048.D

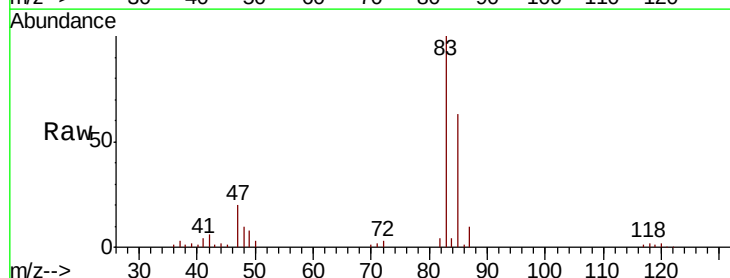
Acq: 16 Nov 2018 14:28

Tgt Ion: 83 Resp: 43633

Ion Ratio Lower Upper

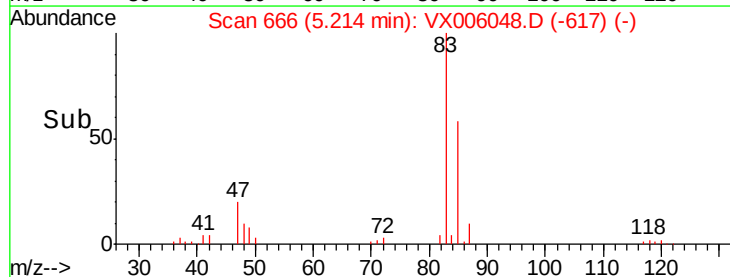
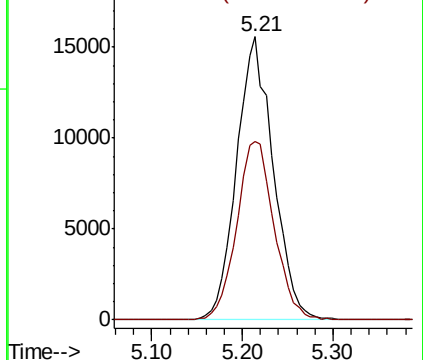
83 100

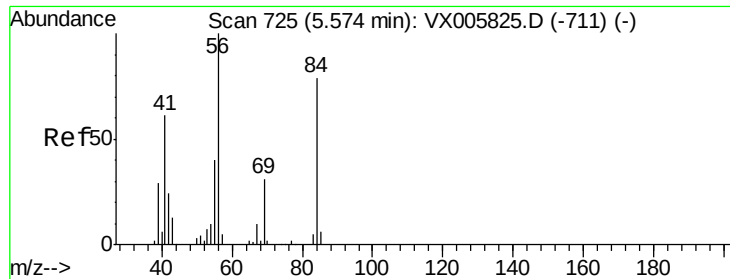
85 63.1 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

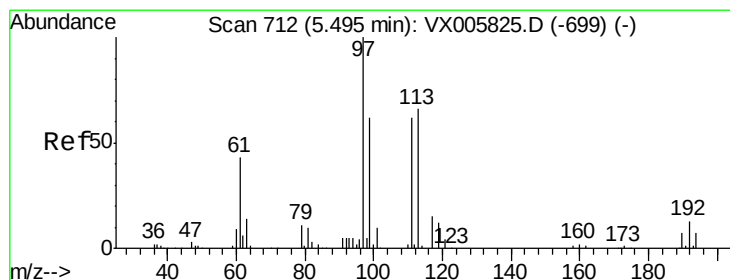
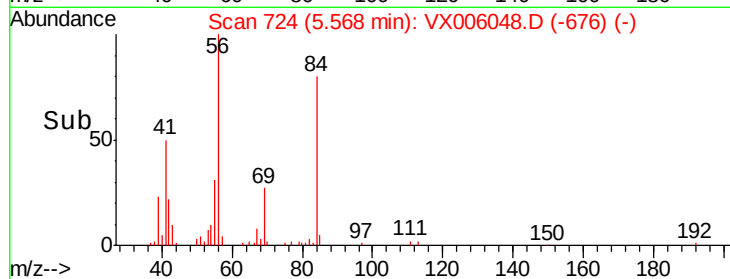
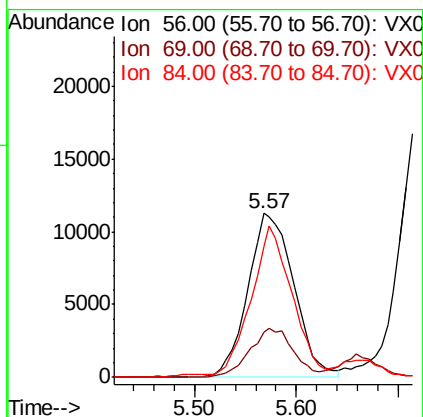
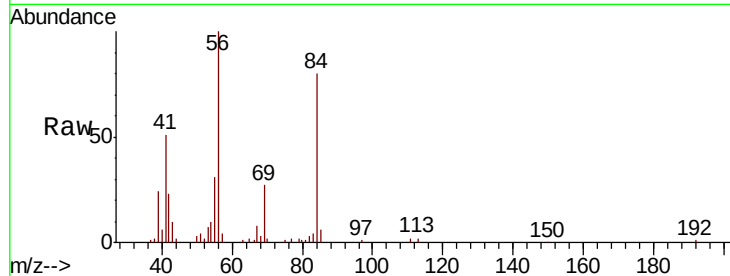




#31  
Cyclohexane  
Concen: 17.564 ug/l  
RT: 5.57 min Scan# 724  
Delta R.T. -0.01 min  
Lab File: VX006048.D  
Acq: 16 Nov 2018 14:28

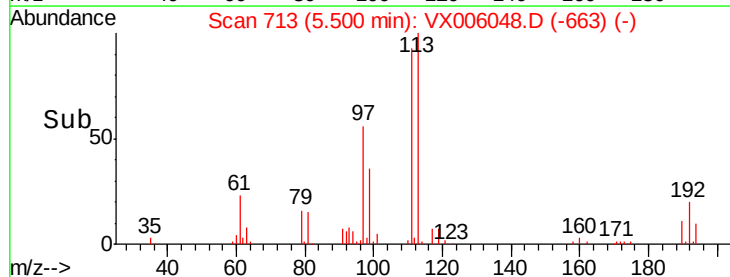
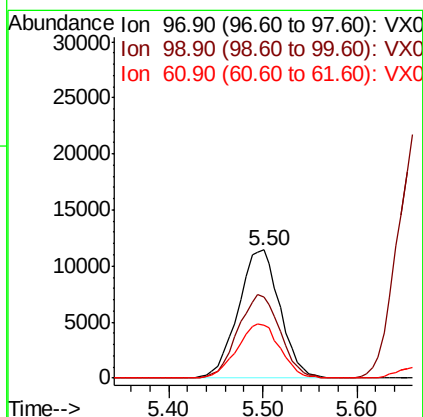
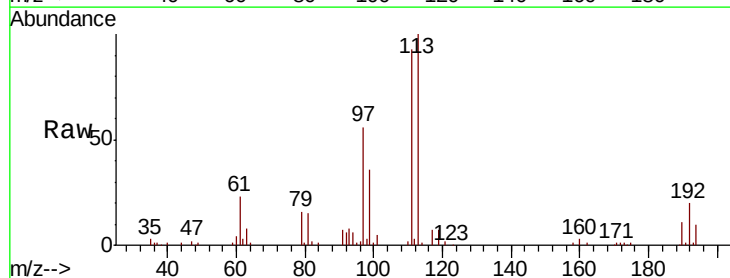
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1116WBSD01

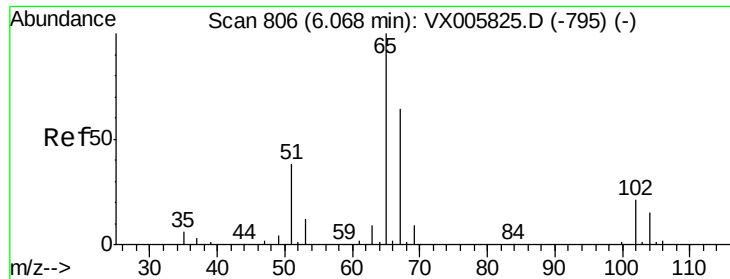
Tot Ion: 56 Resp: 35241  
Ion Ratio Lower Upper  
56 100  
69 26.9 22.6 34.0  
84 77.8 62.7 94.1



#32  
1,1,1-Trichloroethane  
Concen: 18.993 ug/l  
RT: 5.50 min Scan# 713  
Delta R.T. 0.01 min  
Lab File: VX006048.D  
Acq: 16 Nov 2018 14:28

Tgt Ion: 97 Resp: 35328  
Ion Ratio Lower Upper  
97 100  
99 65.6 52.3 78.5  
61 43.9 35.2 52.8

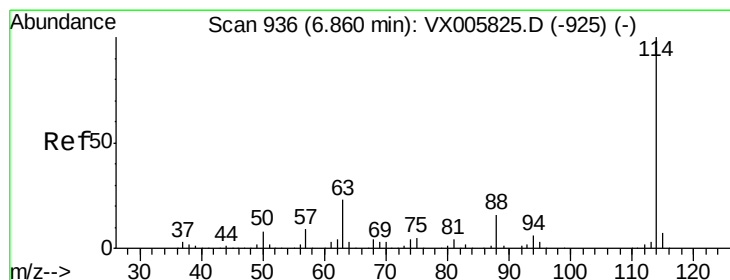
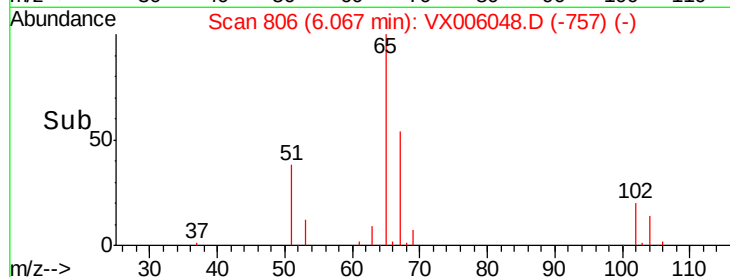
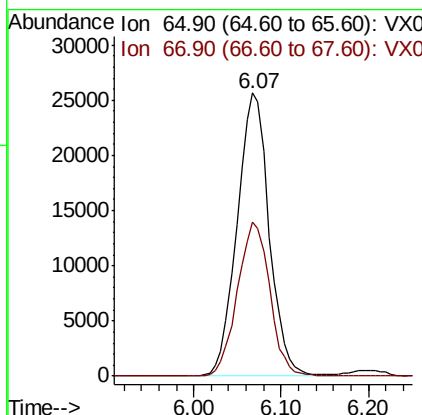
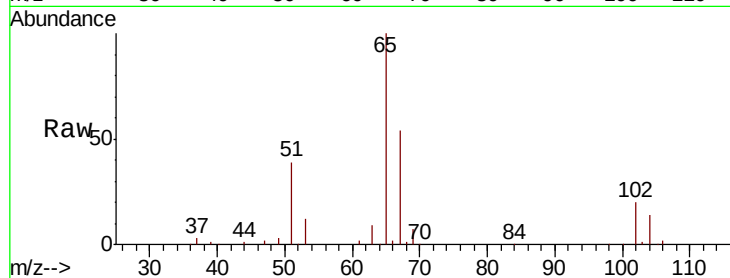




#33  
 1,2-Dichloroethane-d4  
 Concen: 45.363 ug/l  
 RT: 6.07 min Scan# 806  
 Delta R.T. -0.00 min  
 Lab File: VX006048.D  
 Acq: 16 Nov 2018 14:28

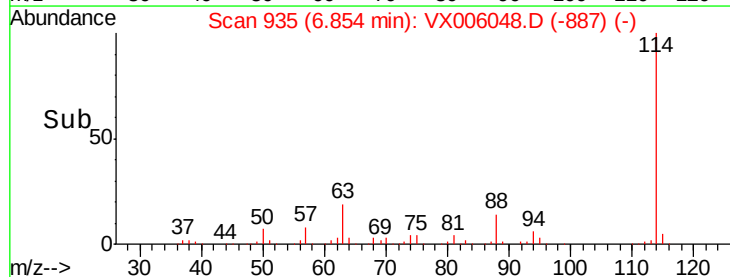
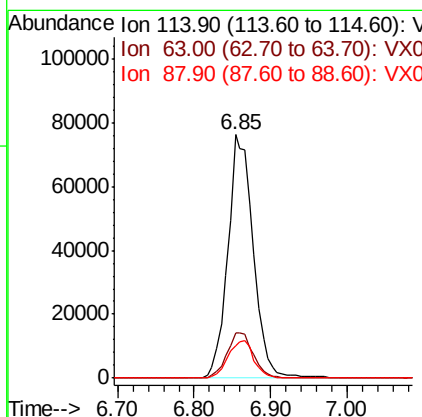
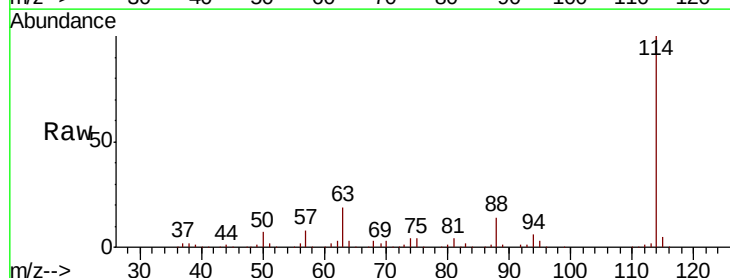
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1116WBSD01

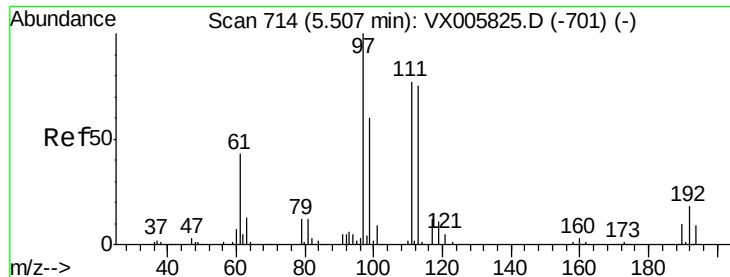
Tot Ion: 65 Resp: 65334  
 Ion Ratio Lower Upper  
 65 100  
 67 55.0 0.0 105.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.85 min Scan# 935  
 Delta R.T. -0.01 min  
 Lab File: VX006048.D  
 Acq: 16 Nov 2018 14:28

Tgt Ion: 114 Resp: 174978  
 Ion Ratio Lower Upper  
 114 100  
 63 18.7 0.0 42.8  
 88 13.5 0.0 31.2

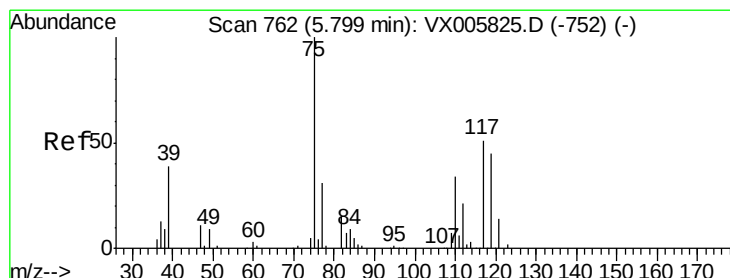
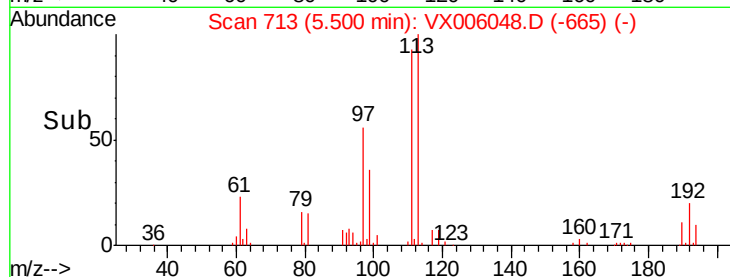
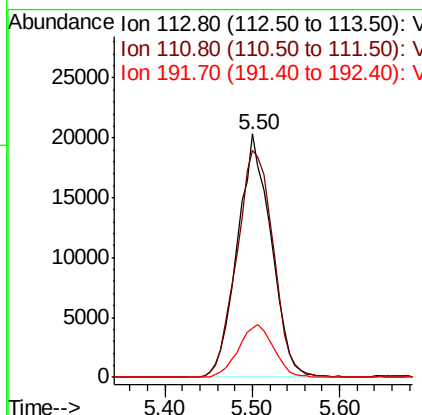
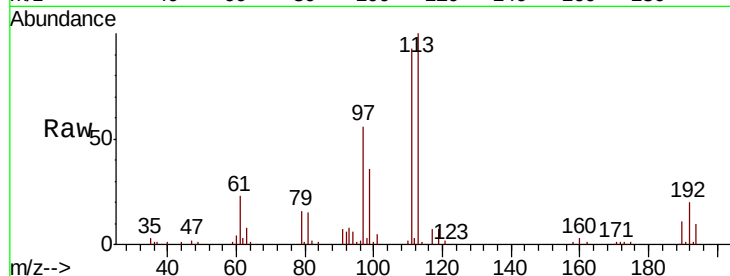




#35  
 Dibromofluoromethane  
 Concen: 45.942 ug/l  
 RT: 5.50 min Scan# 713  
 Delta R.T. -0.01 min  
 Lab File: VX006048.D  
 Acq: 16 Nov 2018 14:28

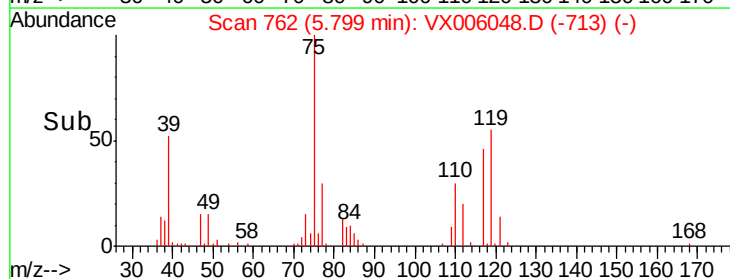
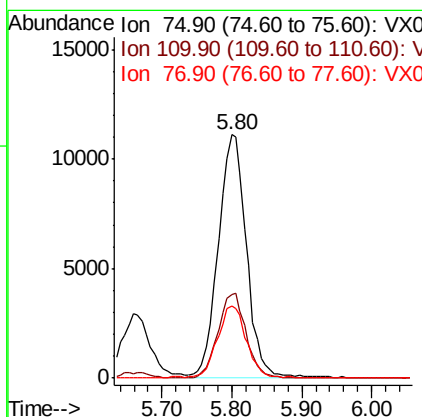
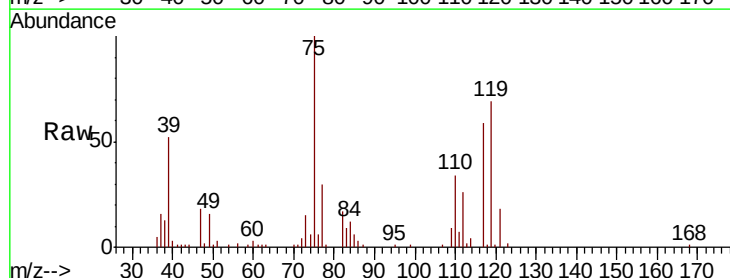
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX1116WBSD01

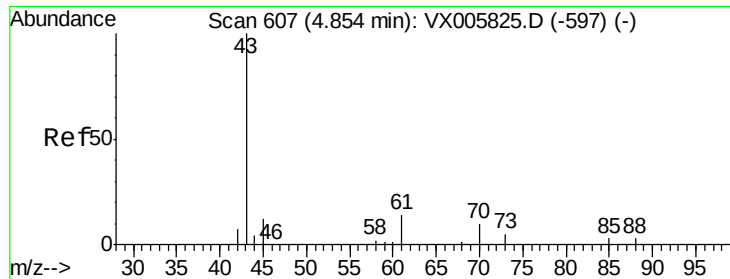
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 101.0 | 82.3  | 123.5 |
| 192     | 22.5  | 17.9  | 26.9  |



#36  
 1,1-Dichloropropene  
 Concen: 18.516 ug/l  
 RT: 5.80 min Scan# 762  
 Delta R.T. -0.00 min  
 Lab File: VX006048.D  
 Acq: 16 Nov 2018 14:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 34.3  | 17.4  | 52.2  |
| 77      | 30.3  | 25.8  | 38.6  |





#37

Ethyl Acetate

Concen: 19.659 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX006048.D

Acq: 16 Nov 2018 14:28

Instrument :

MSVOA\_X

ClientSampleId :

VX1116WBSD01

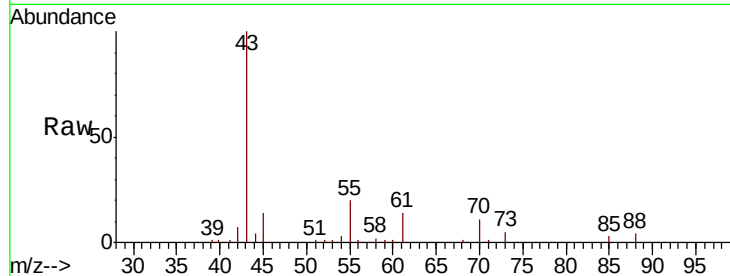
Tot Ion: 43 Resp: 43609

Ion Ratio Lower Upper

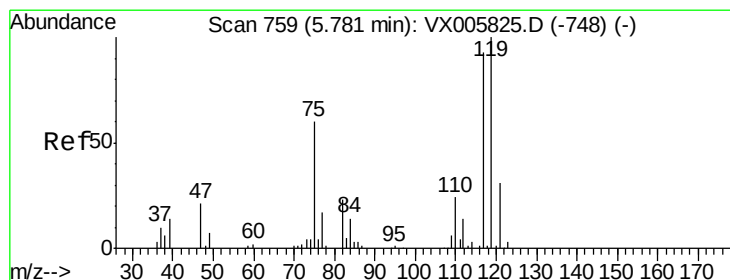
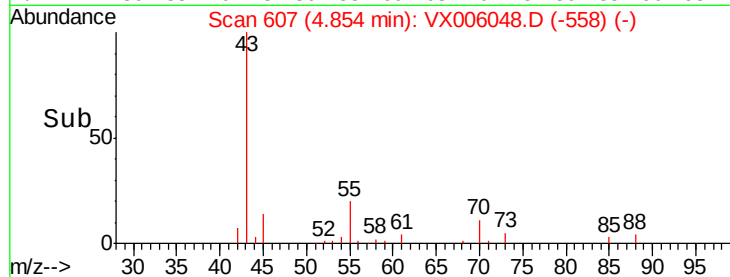
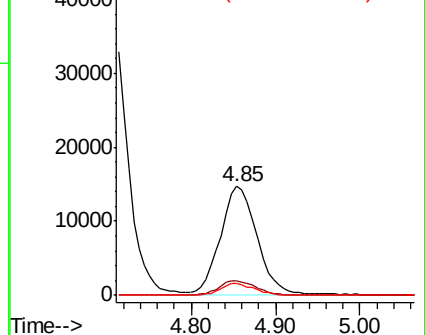
43 100

61 13.4 10.8 16.2

70 10.2 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: 18.251 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX006048.D

Acq: 16 Nov 2018 14:28

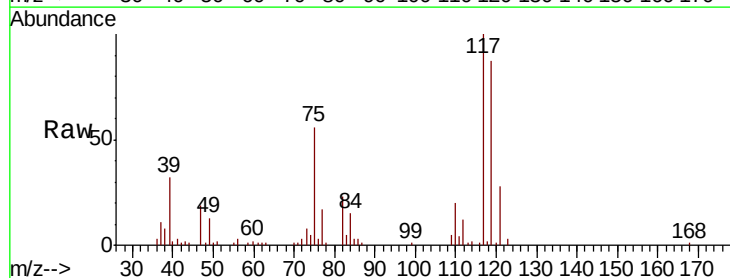
Tgt Ion: 117 Resp: 30820

Ion Ratio Lower Upper

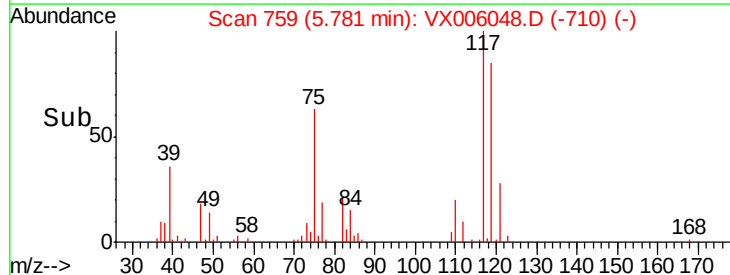
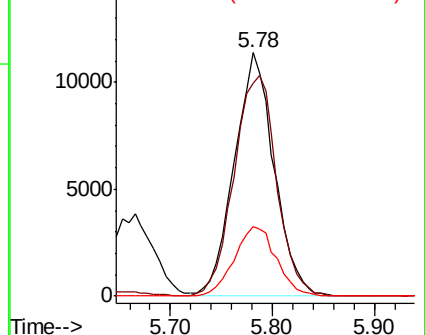
117 100

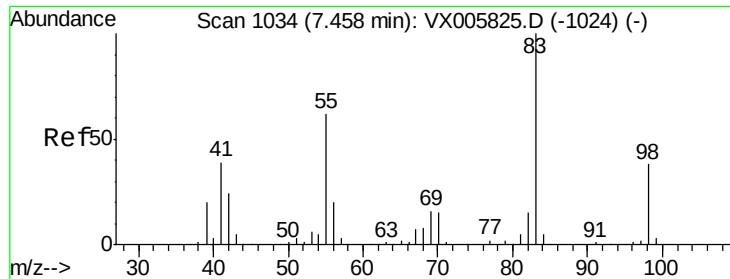
119 87.4 78.1 117.1

121 28.4 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

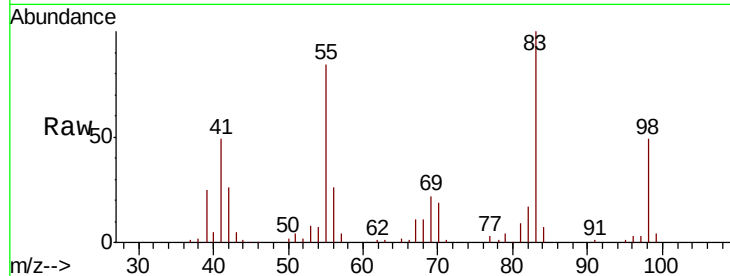




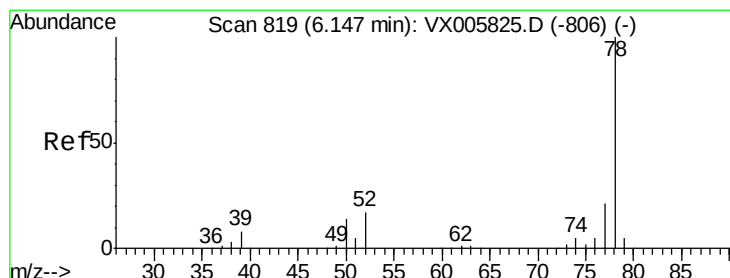
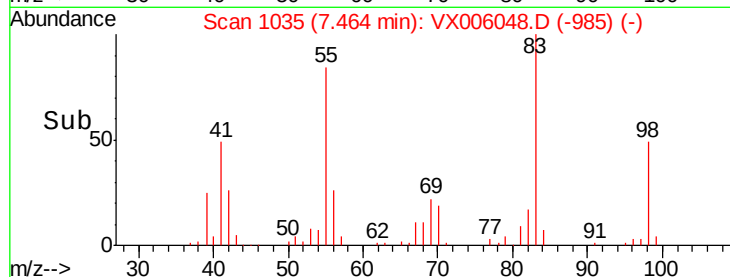
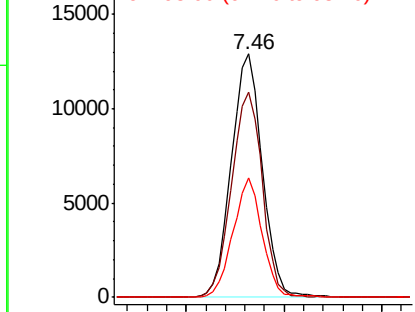
#39  
Methylvlcyclohexane  
Concen: 16.596 ug/l  
RT: 7.46 min Scan# 1035  
Delta R.T. 0.01 min  
Lab File: VX006048.D  
Acq: 16 Nov 2018 14:28

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1116WBSD01

Tot Ion: 83 Resp: 28374  
Ion Ratio Lower Upper  
83 100  
55 84.4 63.7 95.5  
98 49.0 36.2 54.2

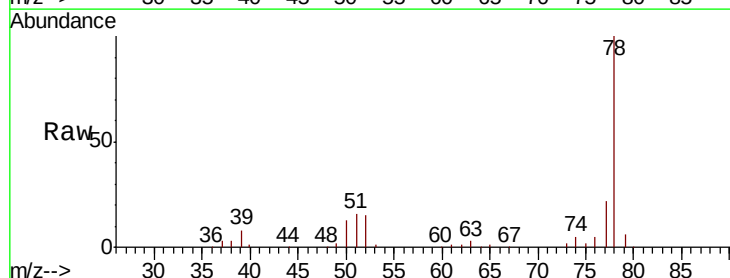


Abundance Ion 83.00 (82.70 to 83.70): VX0  
Ion 55.00 (54.70 to 55.70): VX0  
Ion 98.00 (97.70 to 98.70): VX0

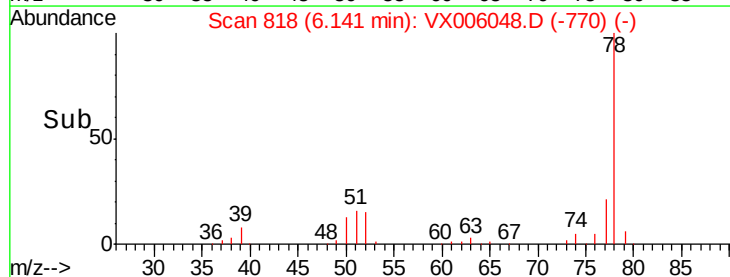
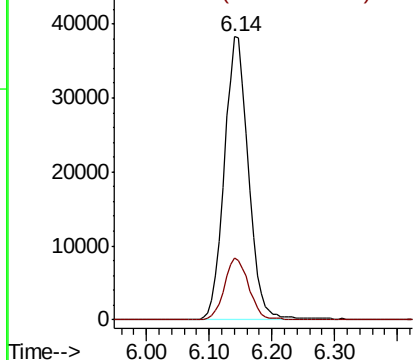


#40  
Benzene  
Concen: 20.774 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. -0.01 min  
Lab File: VX006048.D  
Acq: 16 Nov 2018 14:28

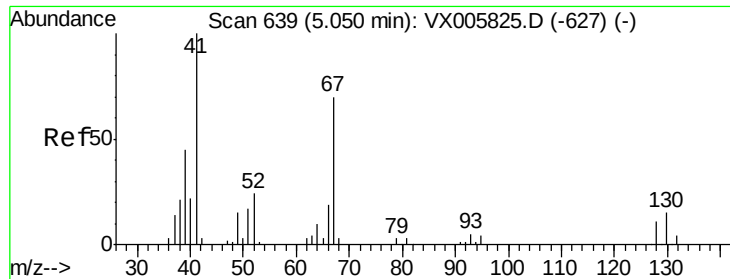
Tgt Ion: 78 Resp: 102158  
Ion Ratio Lower Upper  
78 100  
77 21.9 18.4 27.6



Abundance Ion 78.00 (77.70 to 78.70): VX0  
Ion 77.00 (76.70 to 77.70): VX0



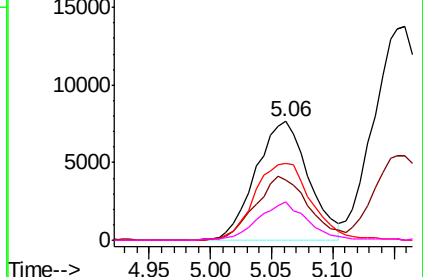
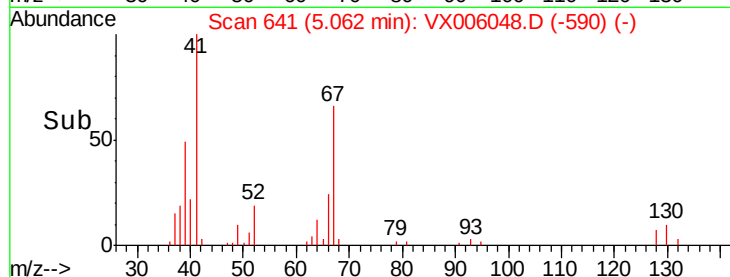
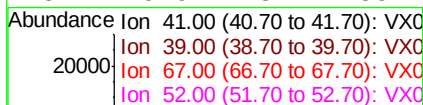
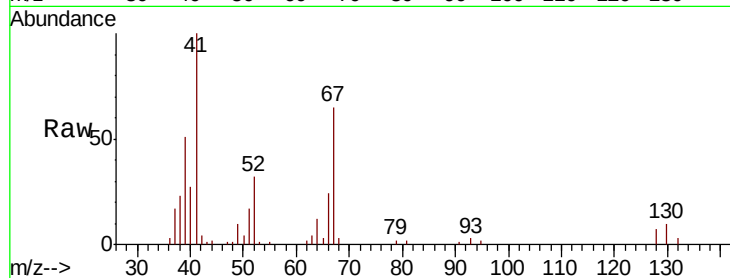




#41  
Methacrylonitrile  
Concen: 19.239 ug/l  
RT: 5.06 min Scan# 641  
Delta R.T. 0.01 min  
Lab File: VX006048.D  
Acq: 16 Nov 2018 14:28

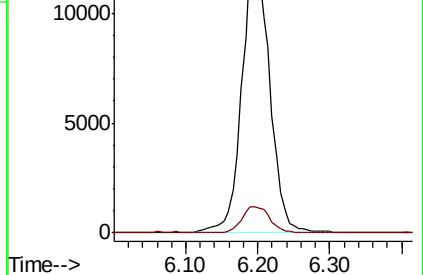
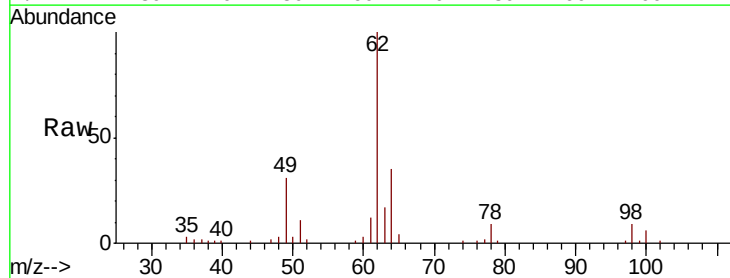
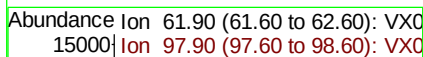
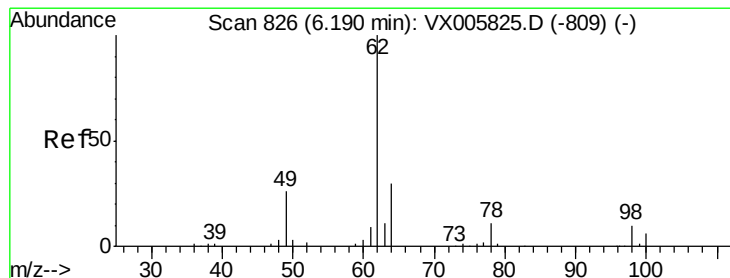
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1116WBSD01

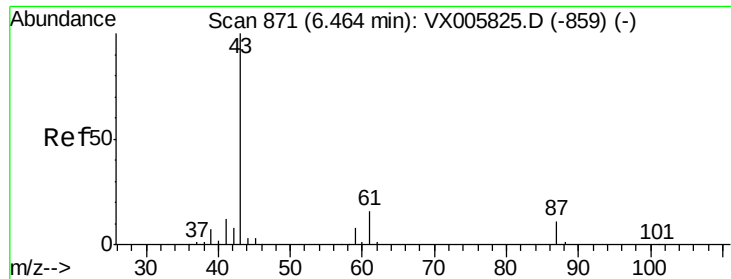
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 23060 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 54.6  | 42.2  | 63.2  |
| 67       | 69.7  | 53.4  | 80.0  |
| 52       | 29.9  | 23.4  | 35.2  |



#42  
1,2-Dichloroethane  
Concen: 19.245 ug/l  
RT: 6.20 min Scan# 827  
Delta R.T. 0.01 min  
Lab File: VX006048.D  
Acq: 16 Nov 2018 14:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 33897 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.4   | 0.0   | 17.8  |





#43

Isopropyl Acetate

Concen: 19.524 ug/l

RT: 6.45 min Scan# 869

Delta R.T. -0.01 min

Lab File: VX006048.D

Acq: 16 Nov 2018 14:28

Instrument :

MSVOA\_X

ClientSampleId :

VX1116WBSD01

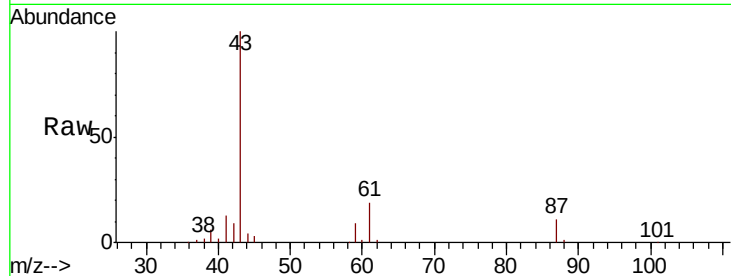
Tot Ion: 43 Resp: 62754

Ion Ratio Lower Upper

43 100

61 20.0 14.6 22.0

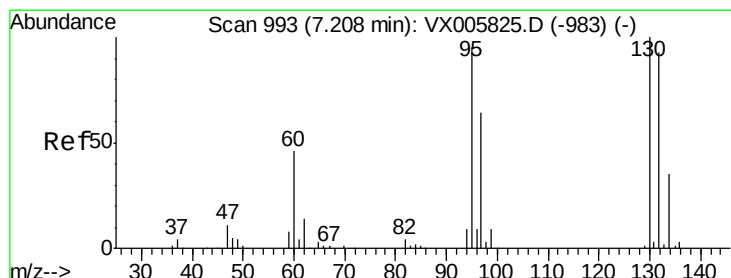
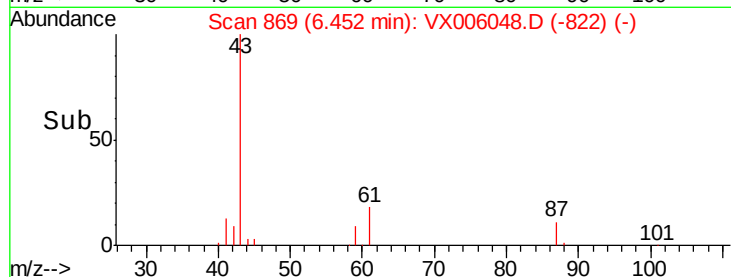
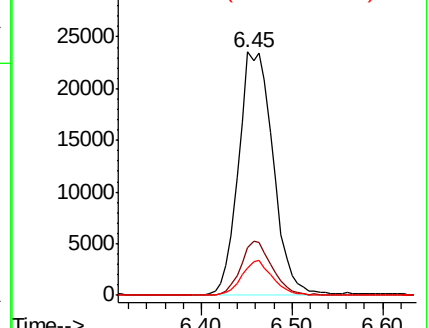
87 12.6 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.485 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX006048.D

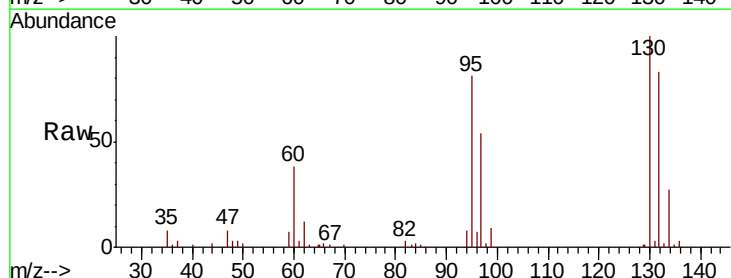
Acq: 16 Nov 2018 14:28

Tgt Ion:130 Resp: 23085

Ion Ratio Lower Upper

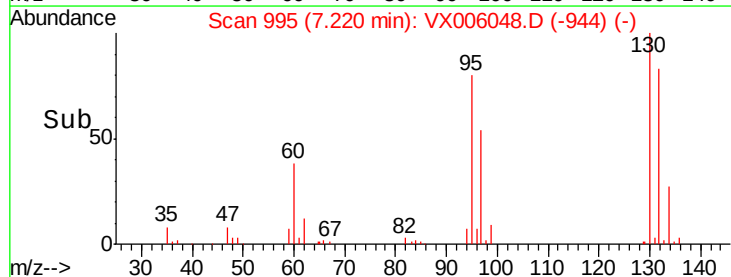
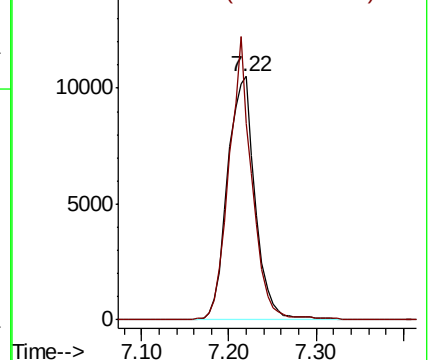
130 100

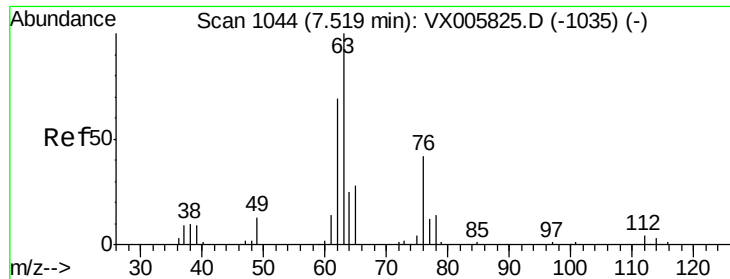
95 80.8 0.0 194.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

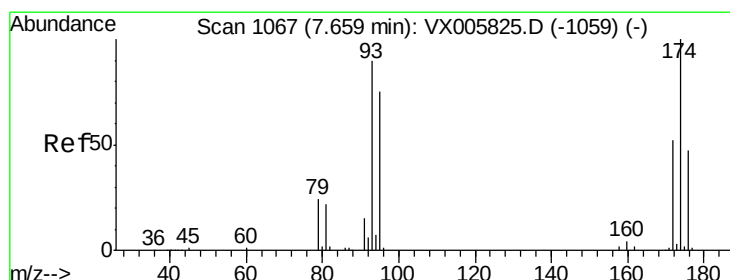
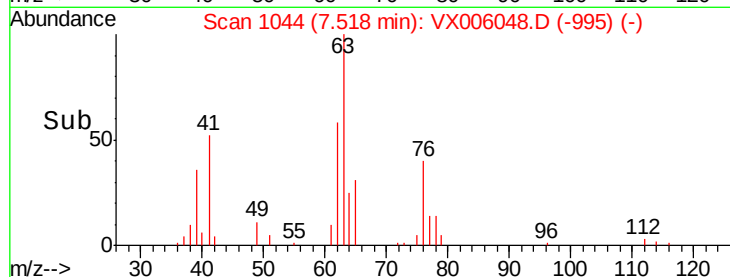
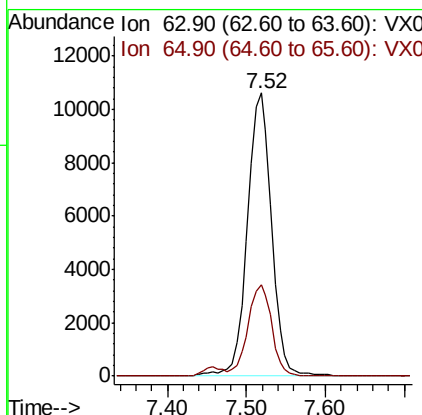
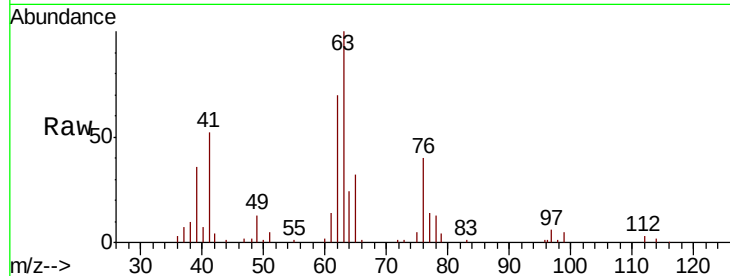




#45  
 1,2-Dichloropropane  
 Concen: 18.973 ug/l  
 RT: 7.52 min Scan# 1044  
 Delta R.T. -0.00 min  
 Lab File: VX006048.D  
 Acq: 16 Nov 2018 14:28

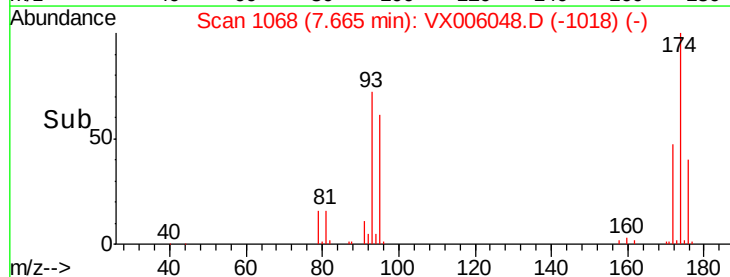
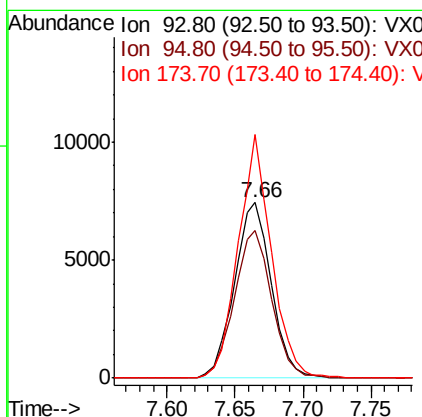
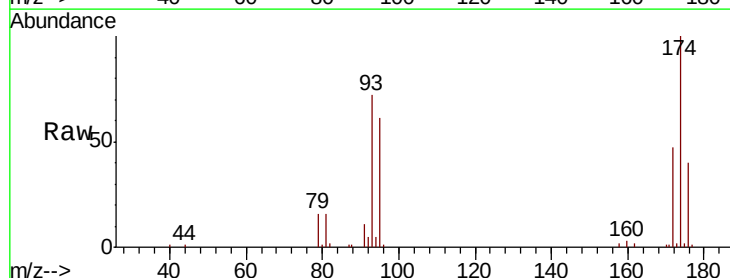
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1116WBSD01

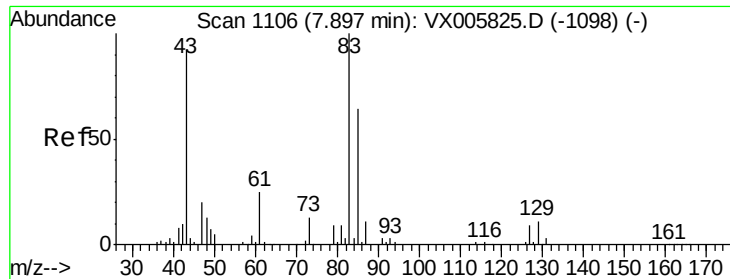
Tot Ion: 63 Resp: 22646  
 Ion Ratio Lower Upper  
 63 100  
 65 32.1 24.8 37.2



#46  
 Dibromomethane  
 Concen: 18.734 ug/l  
 RT: 7.66 min Scan# 1068  
 Delta R.T. 0.01 min  
 Lab File: VX006048.D  
 Acq: 16 Nov 2018 14:28

Tgt Ion: 93 Resp: 14031  
 Ion Ratio Lower Upper  
 93 100  
 95 85.4 67.4 101.0  
 174 125.6 91.5 137.3





#47

Bromodichloromethane

Concen: 19.252 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006048.D

Acq: 16 Nov 2018 14:28

Instrument :

MSVOA\_X

ClientSampleId :

VX1116WBSD01

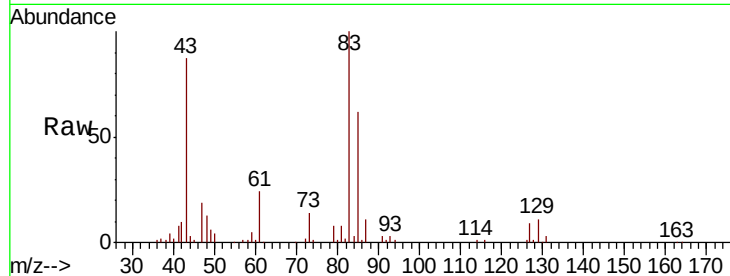
Tot Ion: 83 Resp: 27250

Ion Ratio Lower Upper

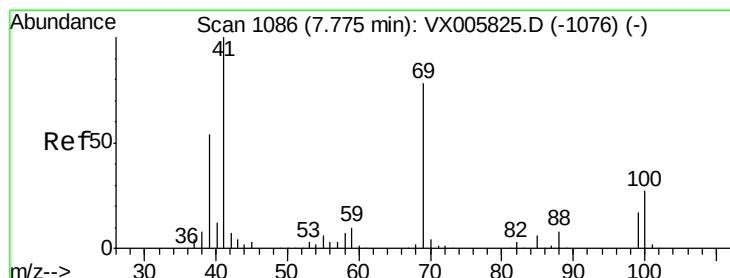
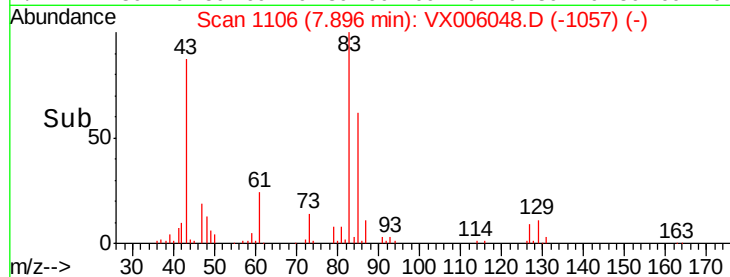
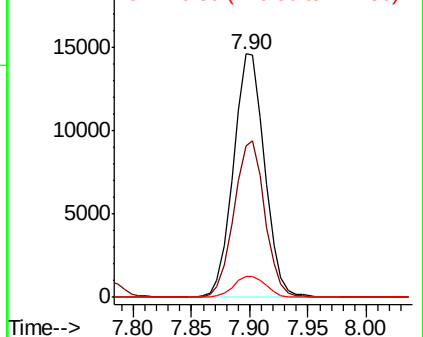
83 100

85 62.0 50.2 75.4

127 8.8 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: 19.180 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006048.D

Acq: 16 Nov 2018 14:28

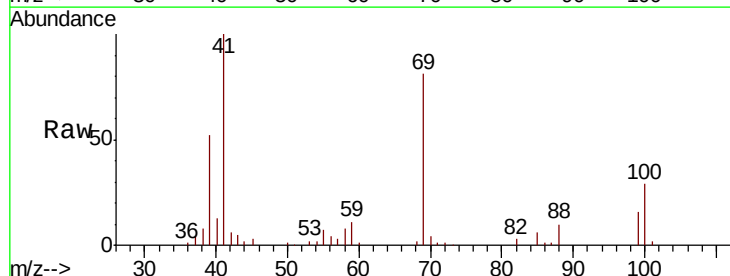
Tgt Ion: 41 Resp: 27682

Ion Ratio Lower Upper

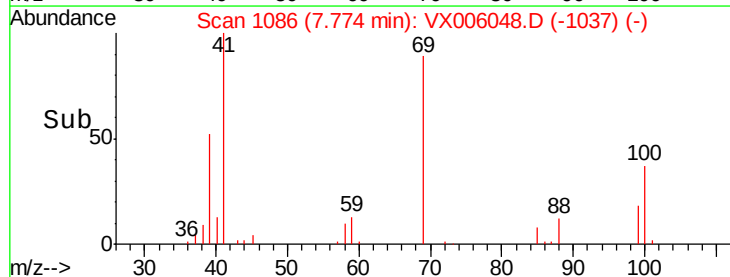
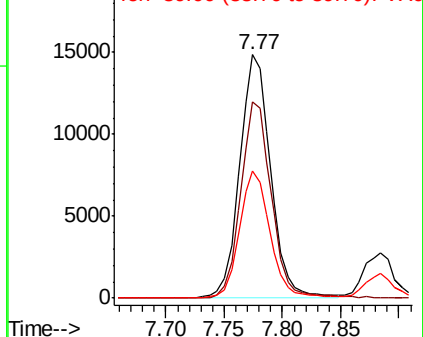
41 100

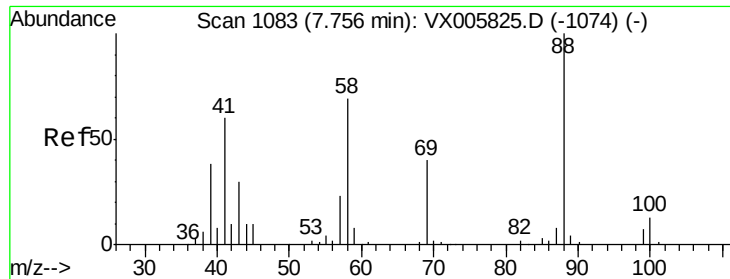
69 79.7 63.2 94.8

39 51.7 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

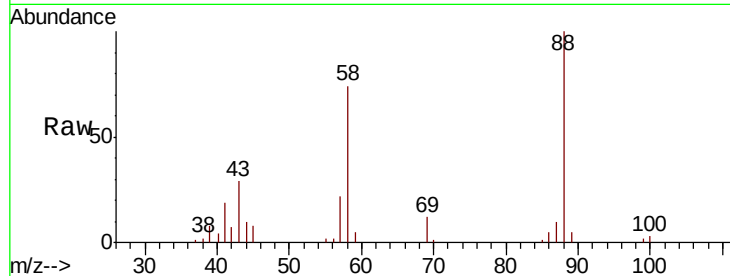




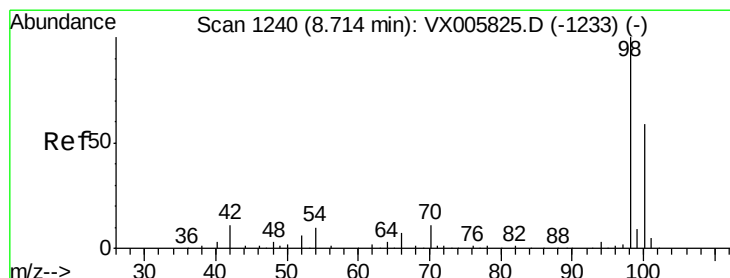
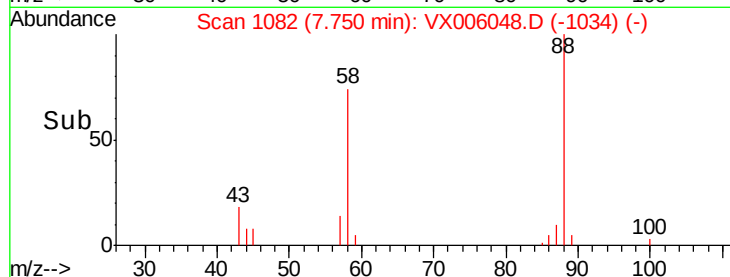
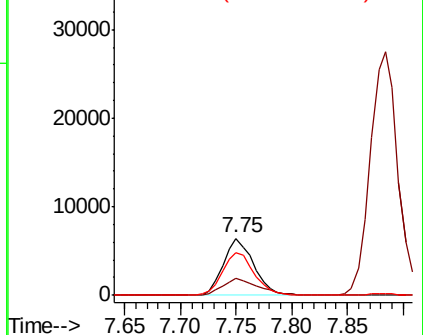
#49  
 1,4-Dioxane  
 Concen: 393.056 ug/l  
 RT: 7.75 min Scan# 1082  
 Delta R.T. -0.01 min  
 Lab File: VX006048.D  
 Acq: 16 Nov 2018 14:28

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX1116WBSD01

Tot Ion: 88 Resp: 12224  
 Ion Ratio Lower Upper  
 88 100  
 43 34.8 27.4 41.0  
 58 77.1 59.4 89.2

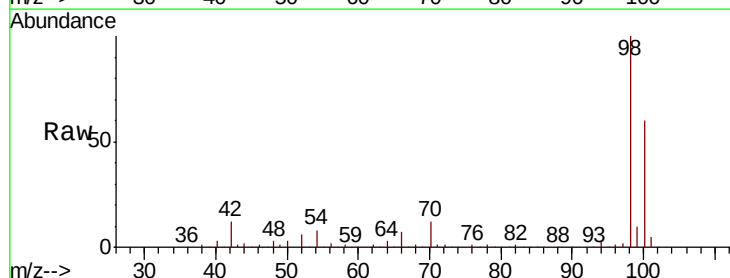


Abundance Ion 88.00 (87.70 to 88.70): VX0  
 Ion 43.00 (42.70 to 43.70): VX0  
 Ion 58.00 (57.70 to 58.70): VX0

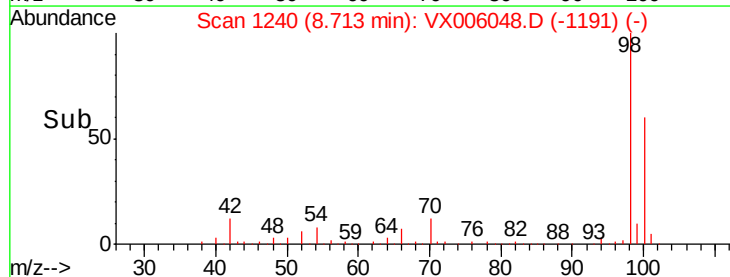
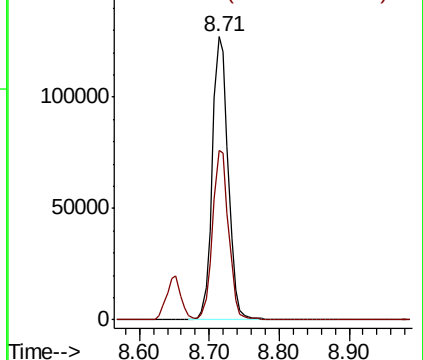


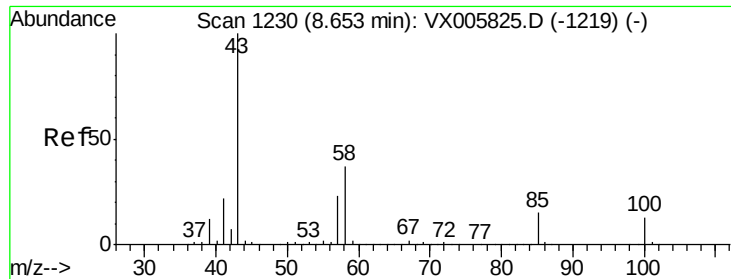
#50  
 Toluene-d8  
 Concen: 50.631 ug/l  
 RT: 8.71 min Scan# 1240  
 Delta R.T. -0.00 min  
 Lab File: VX006048.D  
 Acq: 16 Nov 2018 14:28

Tgt Ion: 98 Resp: 200326  
 Ion Ratio Lower Upper  
 98 100  
 100 61.0 51.3 76.9



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

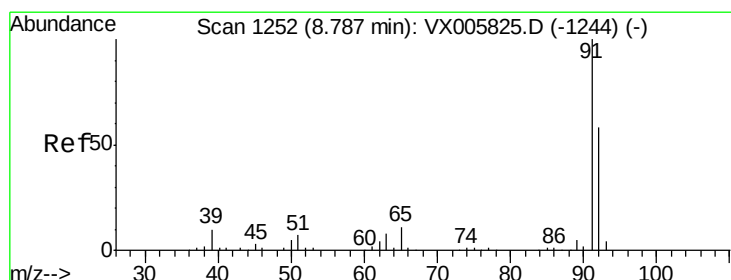
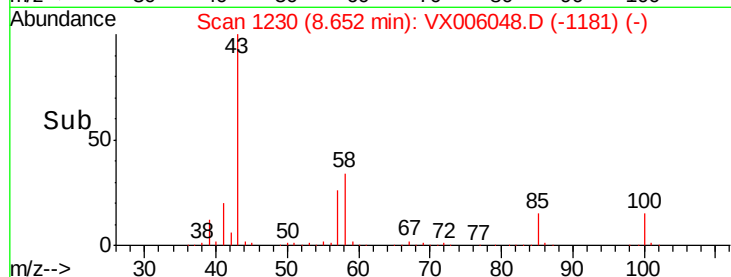
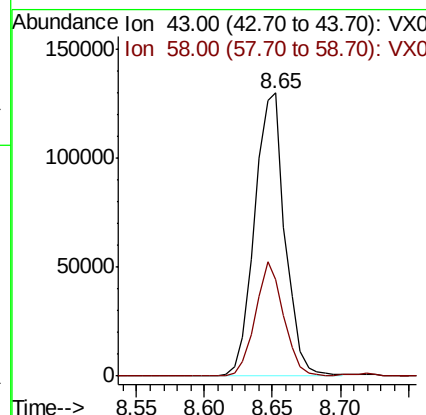
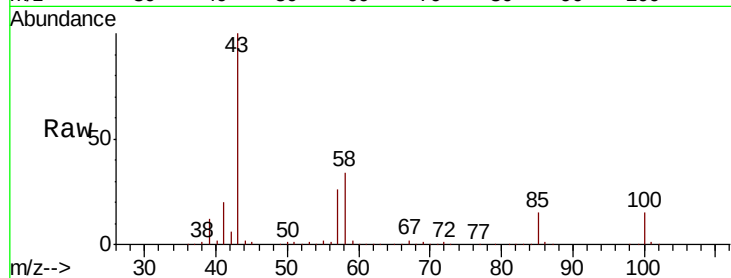




#51  
4-Methyl-2-Pentanone  
Concen: 100.895 ug/l  
RT: 8.65 min Scan# 1230  
Delta R.T. -0.00 min  
Lab File: VX006048.D  
Acq: 16 Nov 2018 14:28

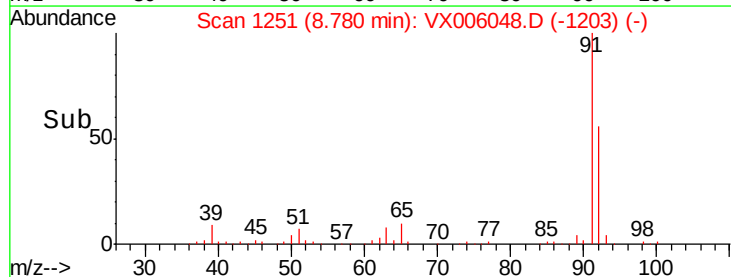
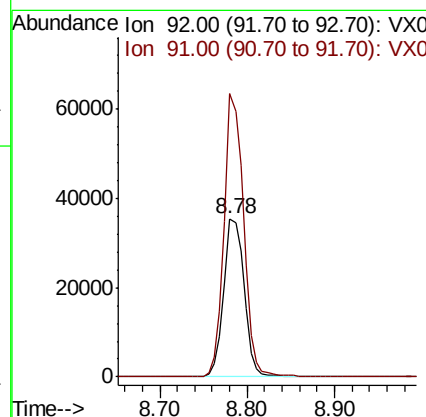
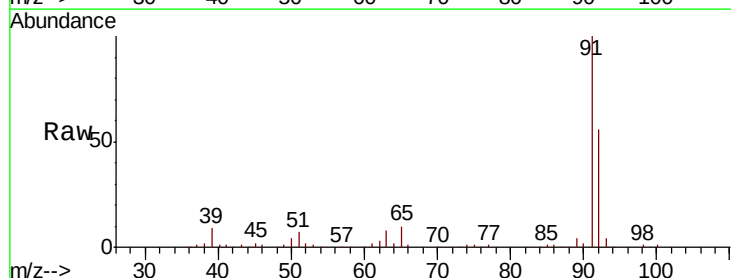
Instrument :  
MSVOA\_X  
ClientSampled :  
VX1116WBSD01

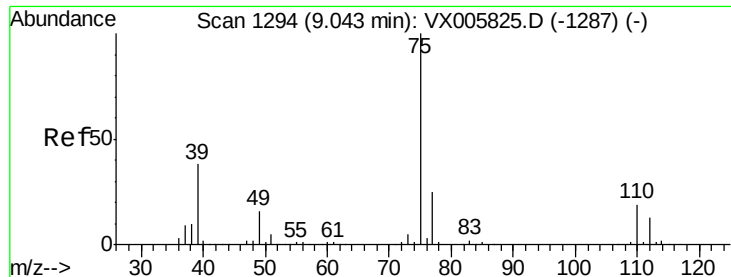
Tot Ion: 43 Resp: 204387  
Ion Ratio Lower Upper  
43 100  
58 37.5 29.7 44.5



#52  
Toluene  
Concen: 21.008 ug/l  
RT: 8.78 min Scan# 1251  
Delta R.T. -0.01 min  
Lab File: VX006048.D  
Acq: 16 Nov 2018 14:28

Tgt Ion: 92 Resp: 57737  
Ion Ratio Lower Upper  
92 100  
91 169.8 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 18.823 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006048.D

Acq: 16 Nov 2018 14:28

Instrument :

MSVOA\_X

ClientSampleId :

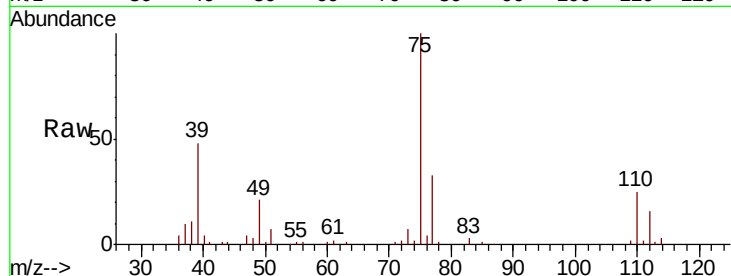
VX1116WBSD01

Tot Ion: 75 Resp: 31442

Ion Ratio Lower Upper

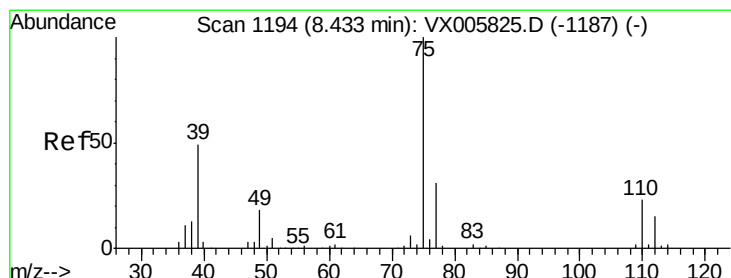
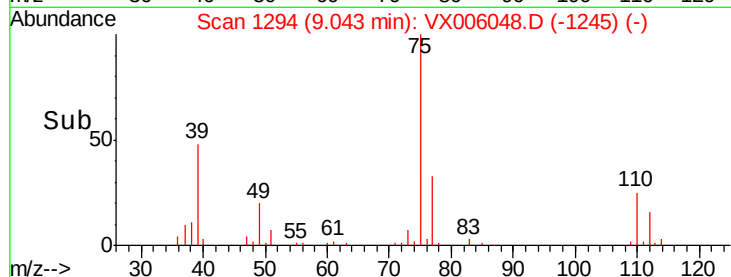
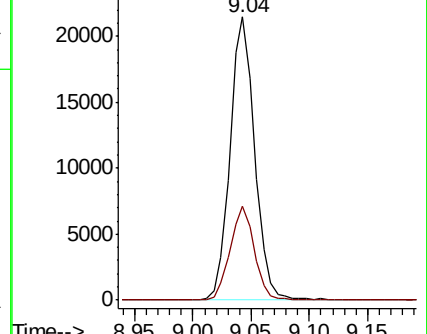
75 100

77 33.2 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.543 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX006048.D

Acq: 16 Nov 2018 14:28

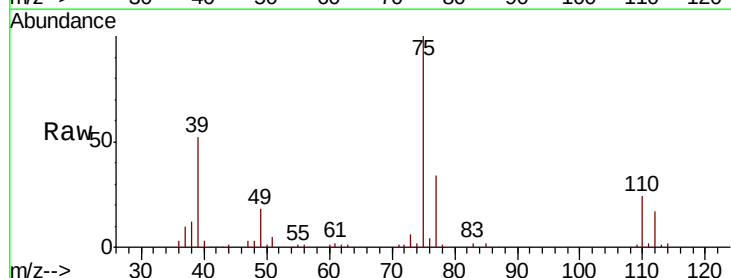
Tgt Ion: 75 Resp: 33273

Ion Ratio Lower Upper

75 100

77 34.1 25.2 37.8

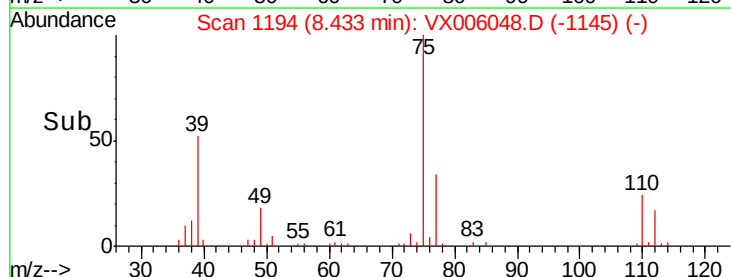
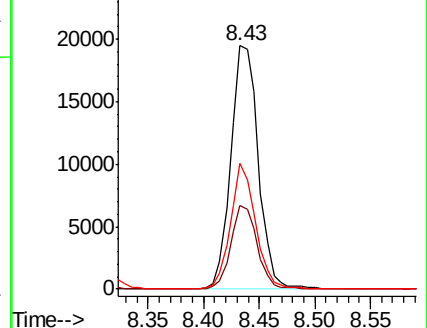
39 51.7 38.2 57.2

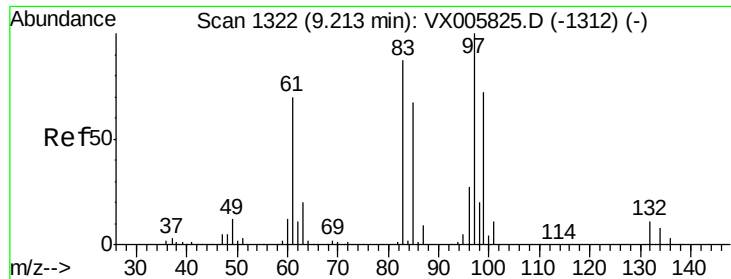


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

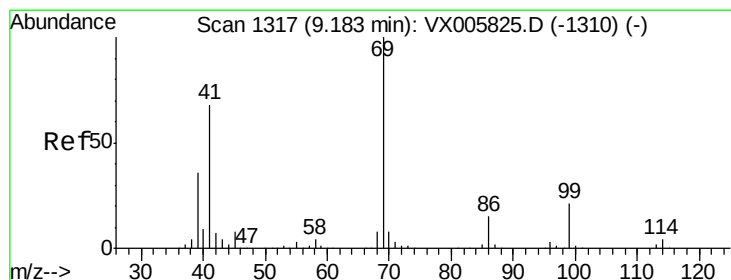
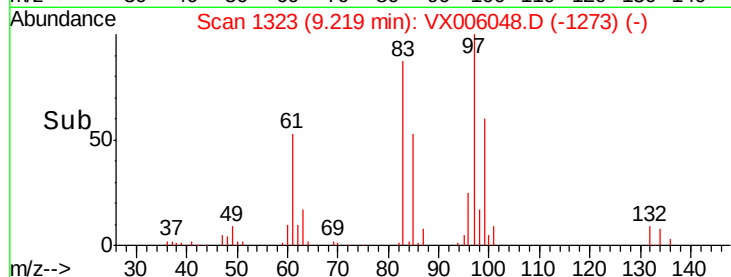
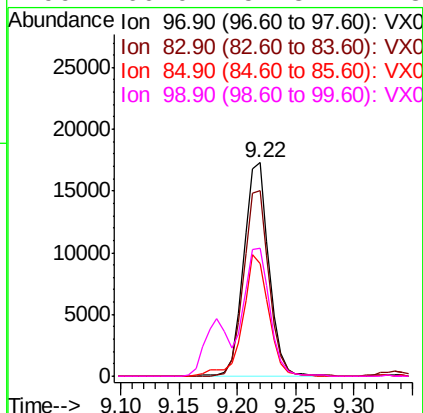
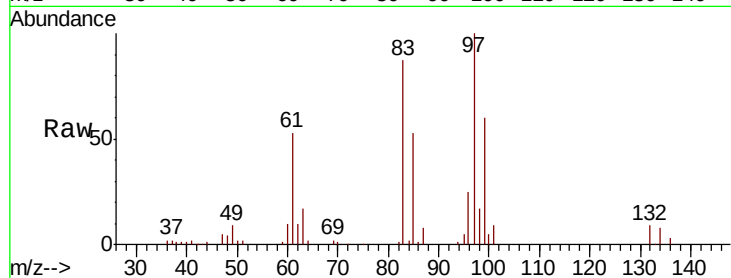




#55  
 1,1,2-Trichloroethane  
 Concen: 21.414 ug/l  
 RT: 9.22 min Scan# 1323  
 Delta R.T. 0.01 min  
 Lab File: VX006048.D  
 Acq: 16 Nov 2018 14:28

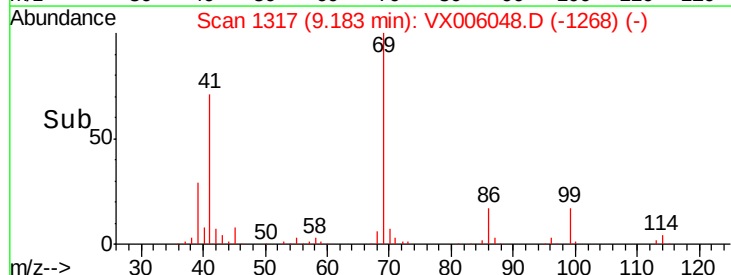
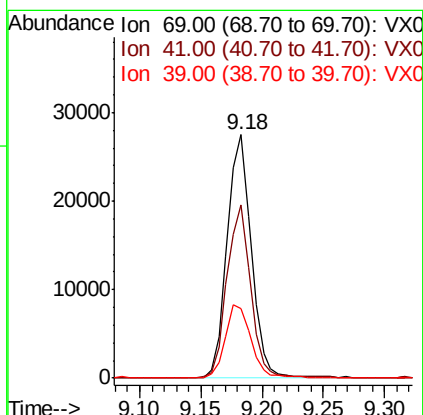
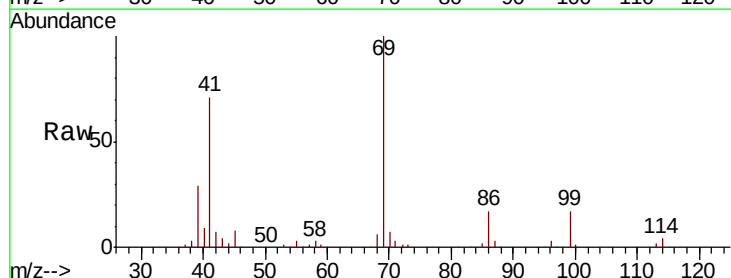
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1116WBSD01

Tot Ion: 97 Resp: 26229  
 Ion Ratio Lower Upper  
 97 100  
 83 86.7 70.7 106.1  
 85 53.0 45.8 68.6  
 99 60.0 51.8 77.8

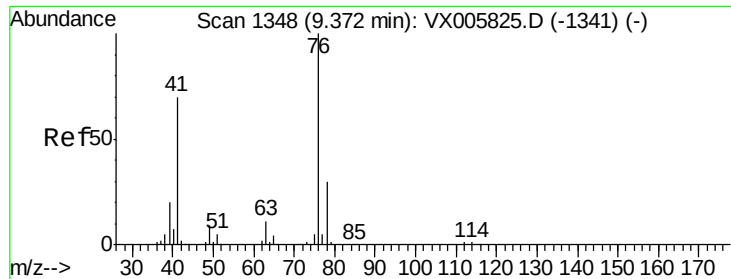


#56  
 Ethyl methacrylate  
 Concen: 20.604 ug/l  
 RT: 9.18 min Scan# 1317  
 Delta R.T. -0.00 min  
 Lab File: VX006048.D  
 Acq: 16 Nov 2018 14:28

Tgt Ion: 69 Resp: 37761  
 Ion Ratio Lower Upper  
 69 100  
 41 70.4 57.0 85.6  
 39 32.2 28.3 42.5



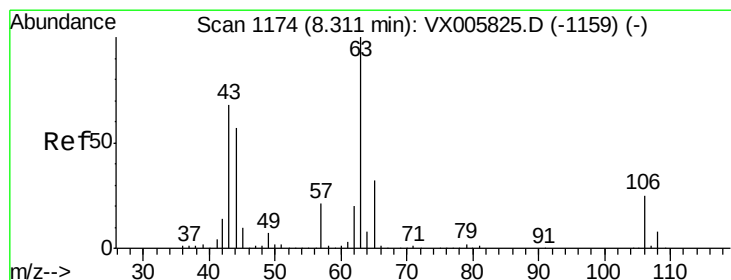
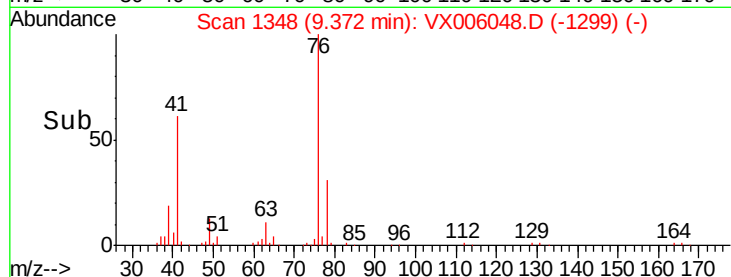
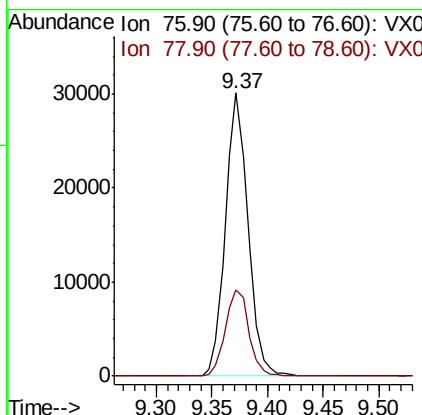
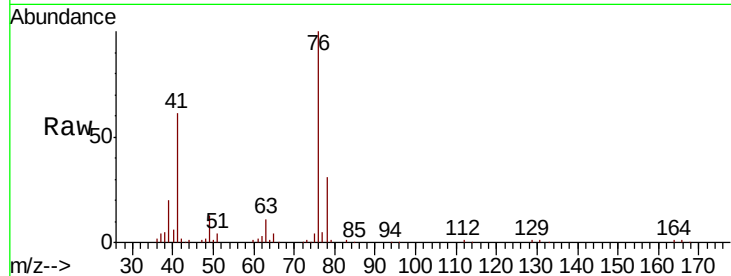




#57  
 1,3-Dichloropropane  
 Concen: 20.572 ug/l  
 RT: 9.37 min Scan# 1348  
 Delta R.T. -0.00 min  
 Lab File: VX006048.D  
 Acq: 16 Nov 2018 14:28

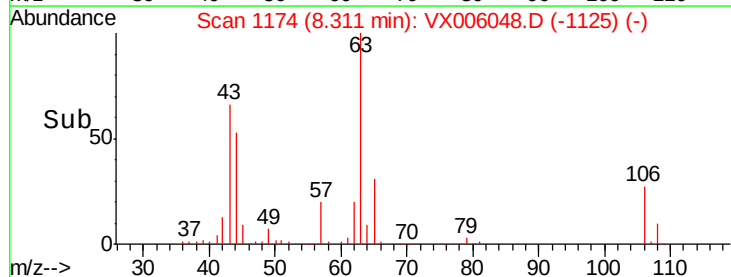
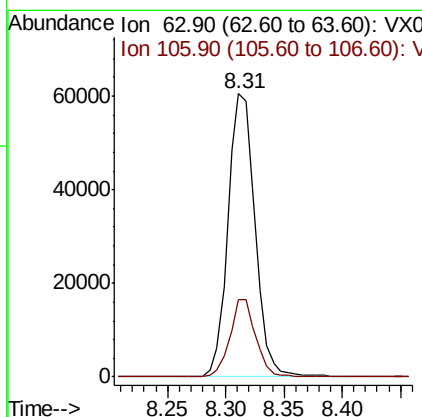
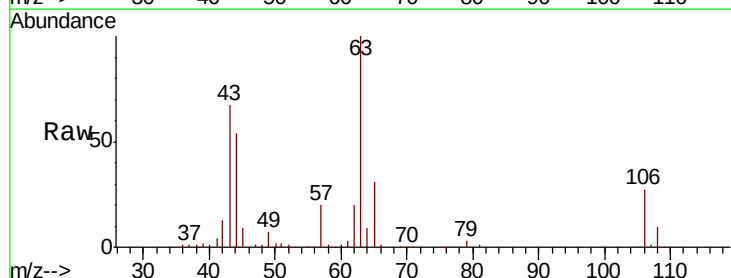
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1116WBSD01

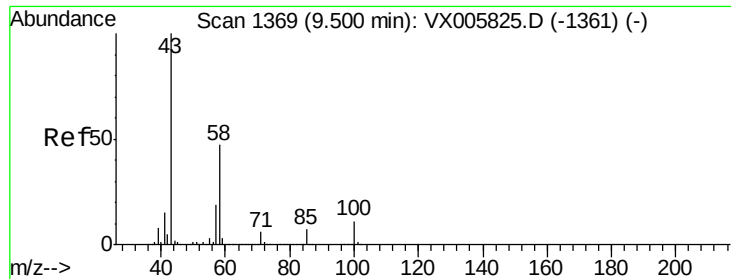
Tot Ion: 76 Resp: 42344  
 Ion Ratio Lower Upper  
 76 100  
 78 31.8 25.3 37.9



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 103.271 ug/l  
 RT: 8.31 min Scan# 1174  
 Delta R.T. -0.00 min  
 Lab File: VX006048.D  
 Acq: 16 Nov 2018 14:28

Tgt Ion: 63 Resp: 98113  
 Ion Ratio Lower Upper  
 63 100  
 106 26.3 21.3 31.9

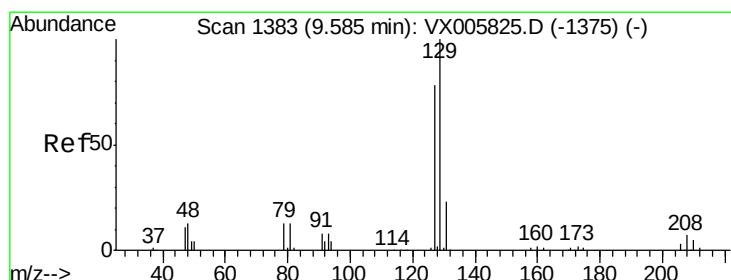
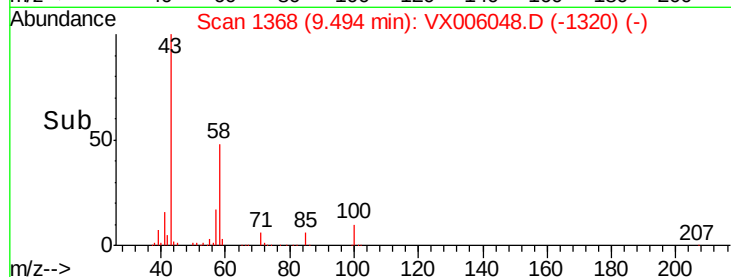
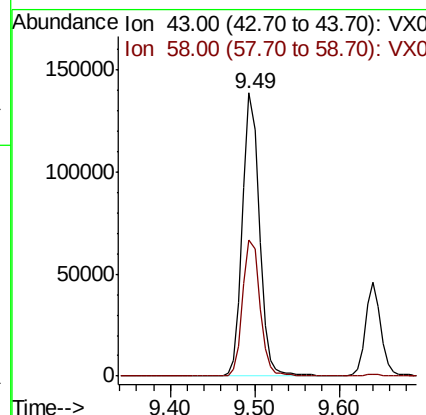
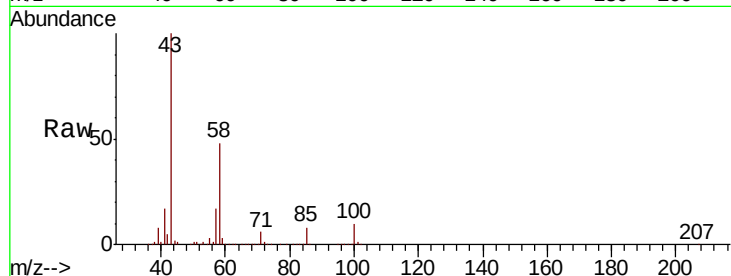




#59  
2-Hexanone  
Concen: 104.132 ug/l  
RT: 9.49 min Scan# 1368  
Delta R.T. -0.01 min  
Lab File: VX006048.D  
Acq: 16 Nov 2018 14:28

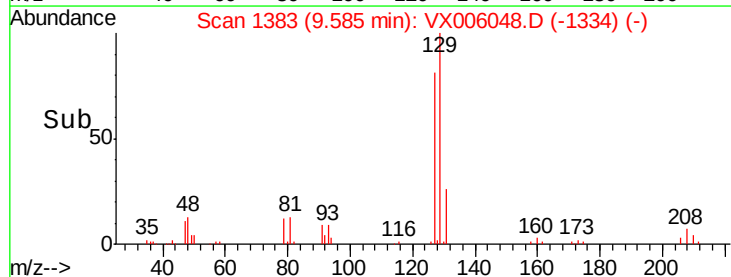
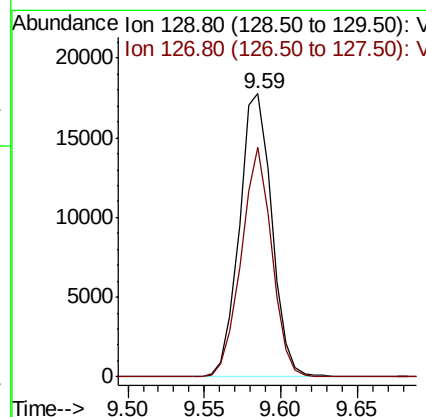
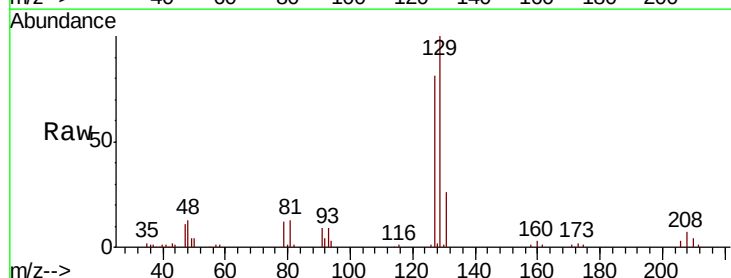
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1116WBSD01

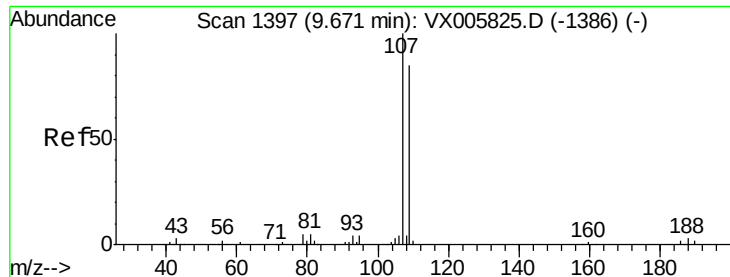
Tot Ion: 43 Resp: 185937  
Ion Ratio Lower Upper  
43 100  
58 49.4 25.9 77.8



#60  
Dibromochloromethane  
Concen: 19.705 ug/l  
RT: 9.59 min Scan# 1383  
Delta R.T. -0.00 min  
Lab File: VX006048.D  
Acq: 16 Nov 2018 14:28

Tgt Ion:129 Resp: 26084  
Ion Ratio Lower Upper  
129 100  
127 76.2 38.9 116.7





#61

1,2-Dibromoethane

Concen: 20.844 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006048.D

Acq: 16 Nov 2018 14:28

Instrument :

MSVOA\_X

ClientSampleId :

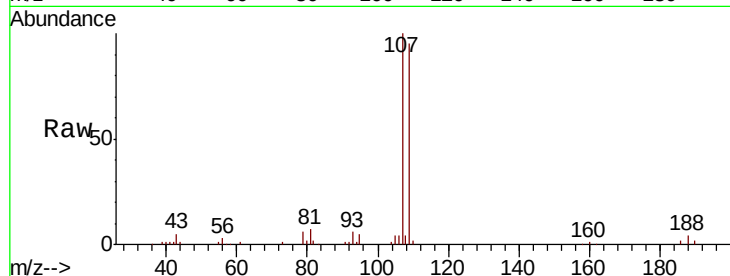
VX1116WBSD01

Tot Ion:107 Resp: 28231

Ion Ratio Lower Upper

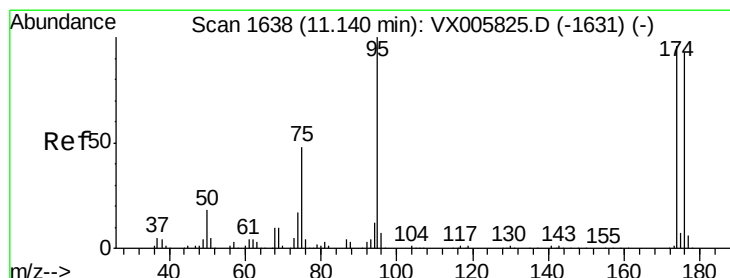
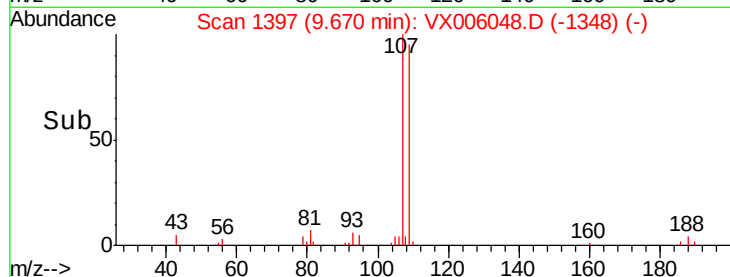
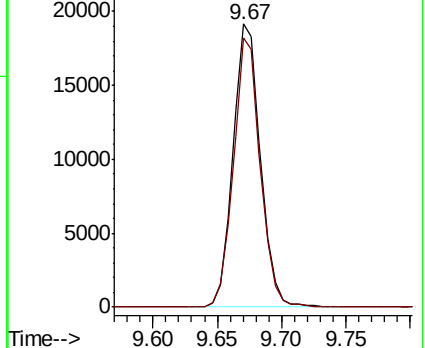
107 100

109 93.2 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: 48.383 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006048.D

Acq: 16 Nov 2018 14:28

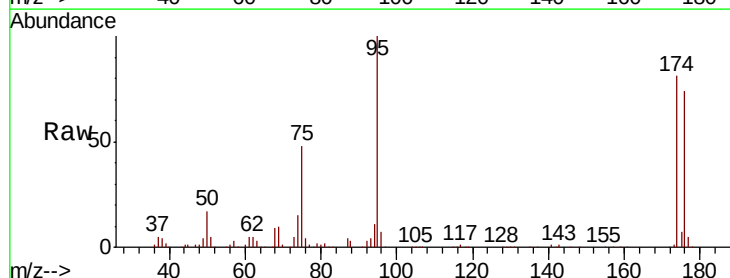
Tgt Ion: 95 Resp: 68827

Ion Ratio Lower Upper

95 100

174 91.9 0.0 184.4

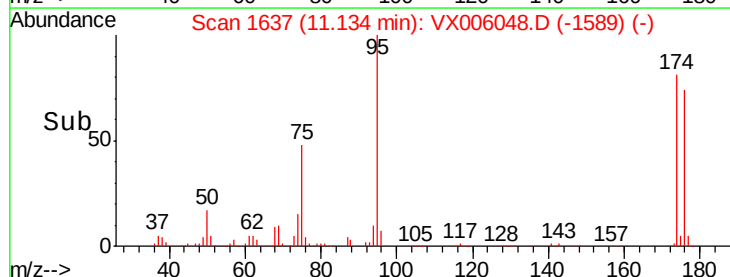
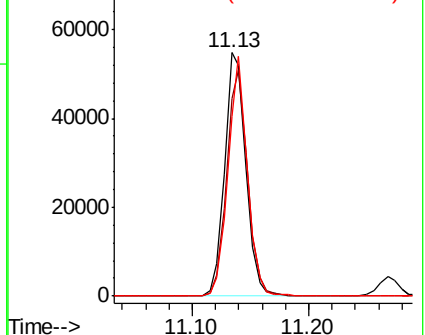
176 89.9 0.0 177.4

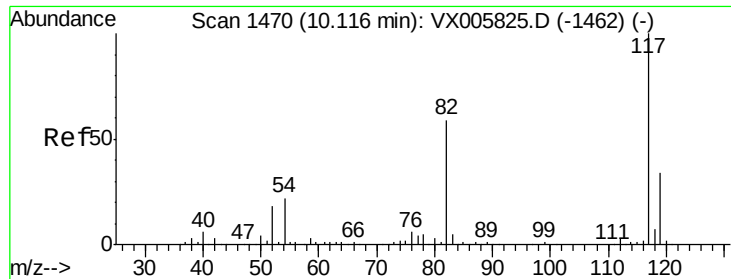


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

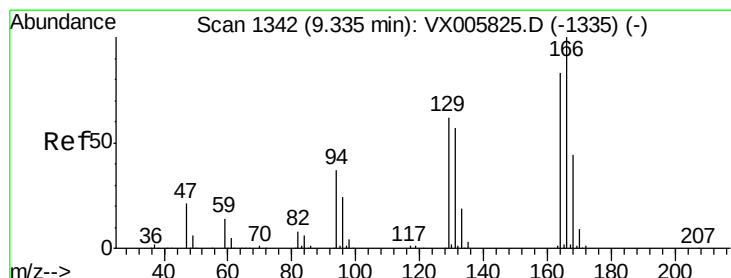
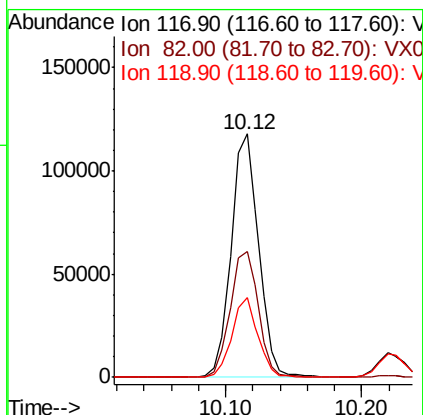
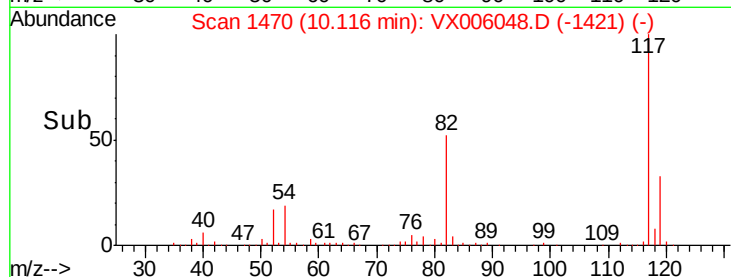
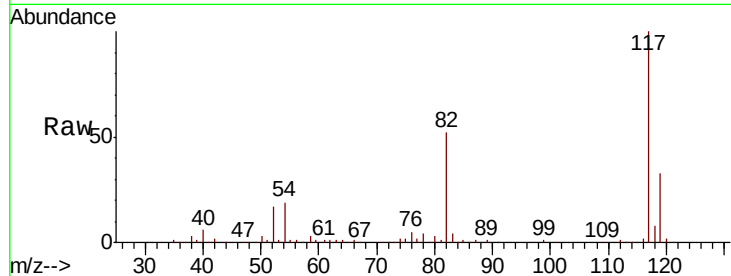




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1470  
Delta R.T. -0.00 min  
Lab File: VX006048.D  
Acq: 16 Nov 2018 14:28

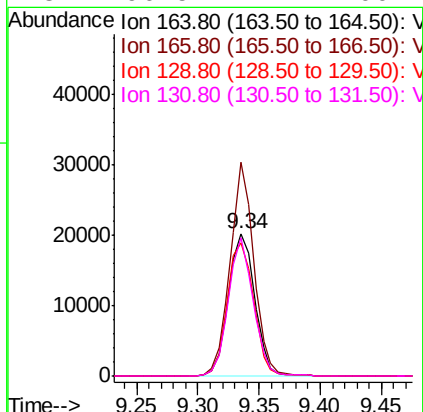
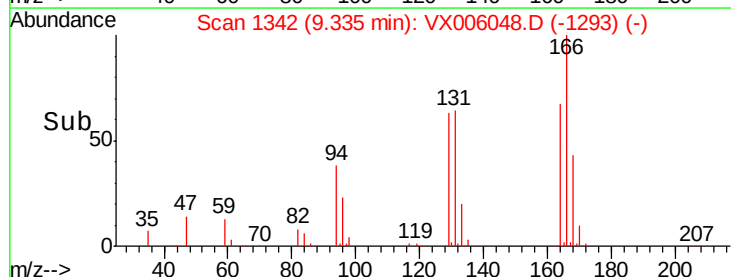
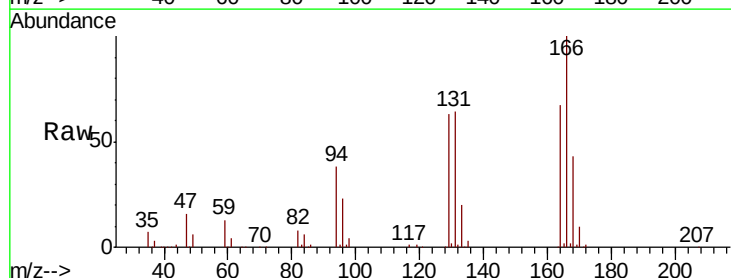
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1116WBSD01

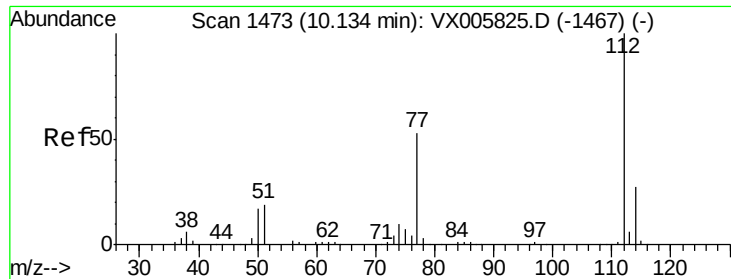
Tot Ion:117 Resp: 164668  
Ion Ratio Lower Upper  
117 100  
82 51.8 44.1 66.1  
119 32.8 26.2 39.2



#64  
Tetrachloroethene  
Concen: 21.456 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. -0.00 min  
Lab File: VX006048.D  
Acq: 16 Nov 2018 14:28

Tgt Ion:164 Resp: 30081  
Ion Ratio Lower Upper  
164 100  
166 149.7 101.9 152.9  
129 93.6 72.6 109.0  
131 96.5 71.1 106.7

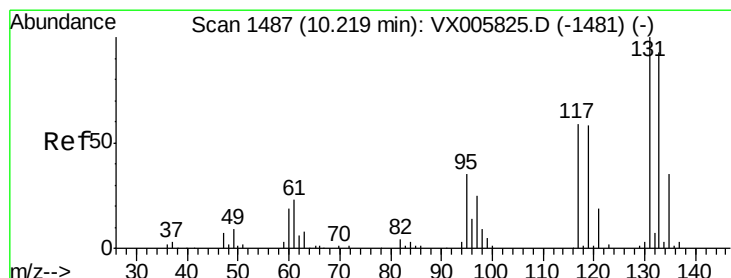
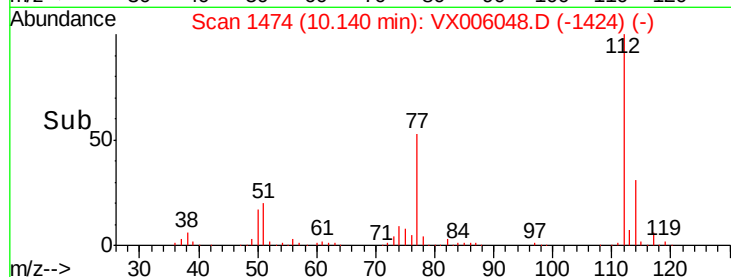
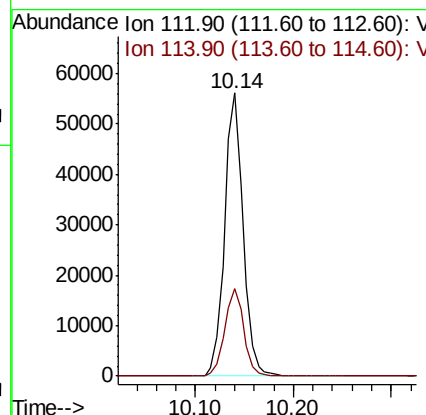
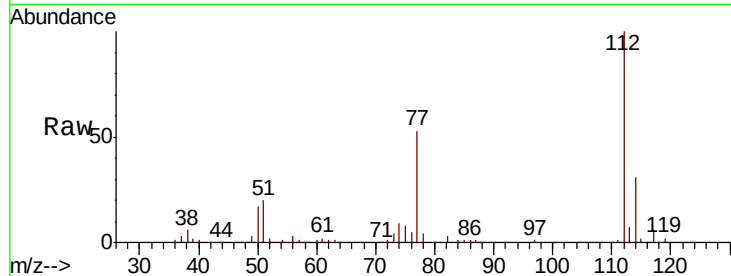




#65  
Chlorobenzene  
Concen: 22.258 ug/l  
RT: 10.14 min Scan# 1474  
Delta R.T. 0.01 min  
Lab File: VX006048.D  
Acq: 16 Nov 2018 14:28

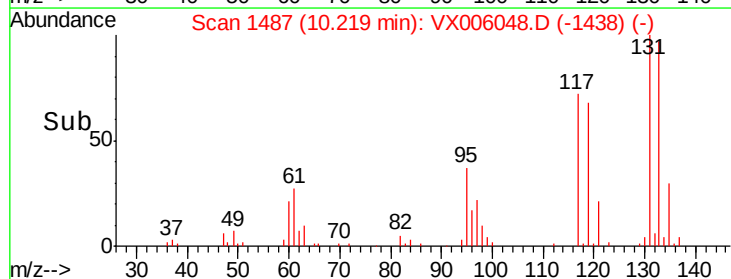
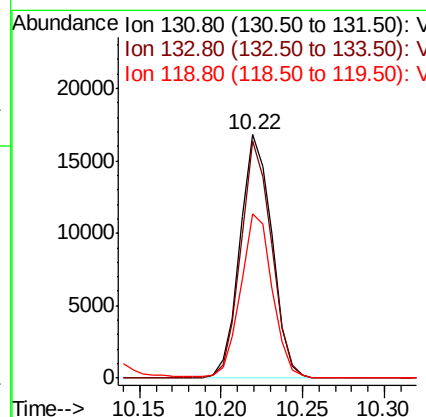
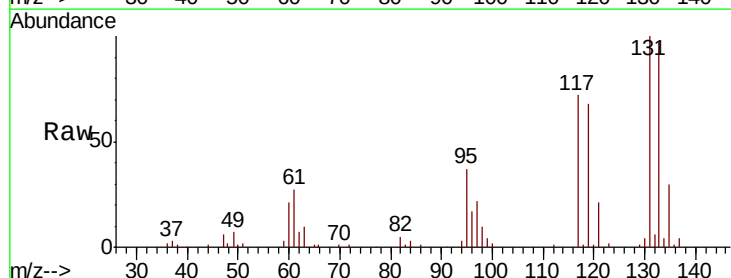
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1116WBSD01

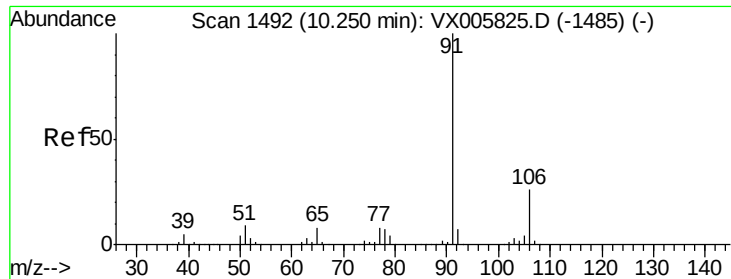
Tot Ion:112 Resp: 73426  
Ion Ratio Lower Upper  
112 100  
114 30.9 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.039 ug/l  
RT: 10.22 min Scan# 1487  
Delta R.T. -0.00 min  
Lab File: VX006048.D  
Acq: 16 Nov 2018 14:28

Tgt Ion:131 Resp: 22982  
Ion Ratio Lower Upper  
131 100  
133 93.8 47.5 142.5  
119 67.3 31.8 95.3





#67

Ethyl Benzene

Concen: 20.788 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006048.D

Acq: 16 Nov 2018 14:28

Instrument :

MSVOA\_X

ClientSampled :

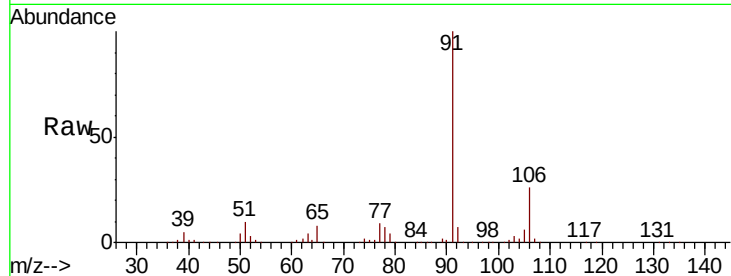
VX1116WBSD01

Tot Ion: 91 Resp: 109962

Ion Ratio Lower Upper

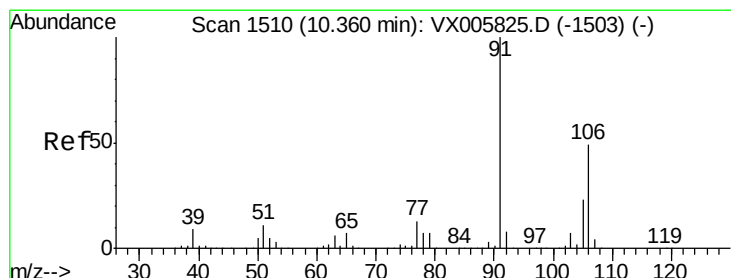
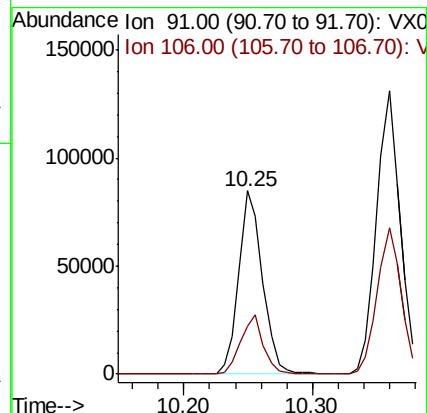
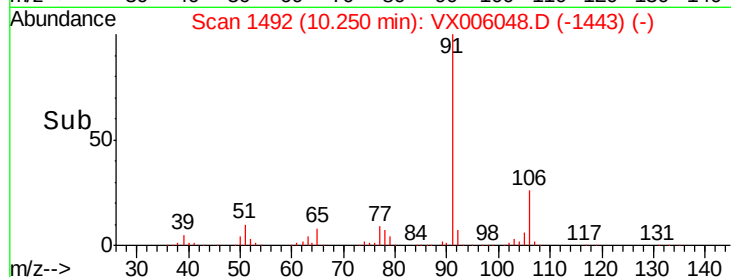
91 100

106 26.4 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX006048.D (-1443) (-)

Ion 106.00 (105.70 to 106.70): VX006048.D (-1443) (-)



#68

m/p-Xylenes

Concen: 43.570 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006048.D

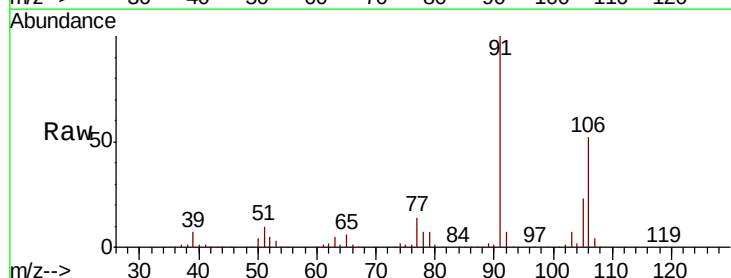
Acq: 16 Nov 2018 14:28

Tgt Ion: 106 Resp: 87911

Ion Ratio Lower Upper

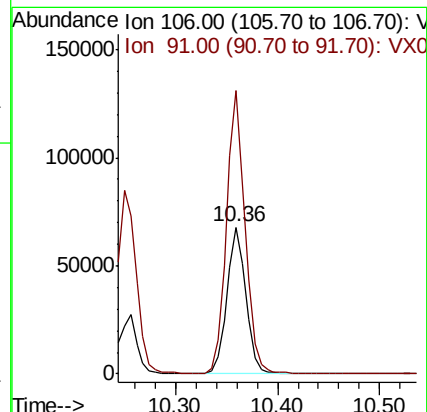
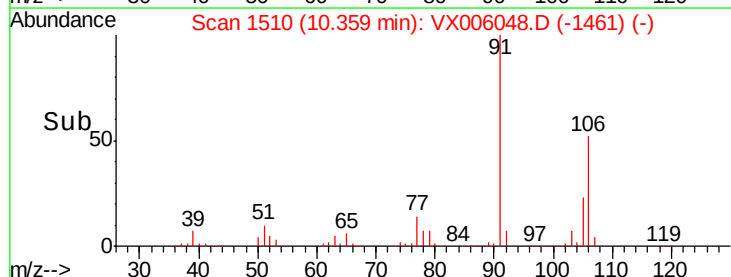
106 100

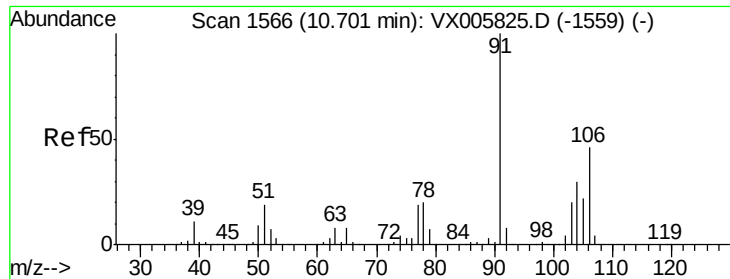
91 190.5 164.2 246.4



Abundance Ion 106.00 (105.70 to 106.70): VX006048.D (-1461) (-)

Ion 91.00 (90.70 to 91.70): VX006048.D (-1461) (-)

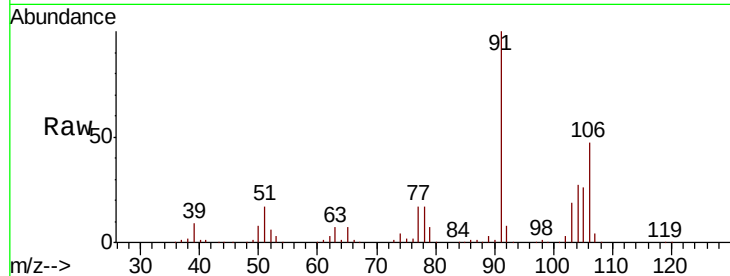




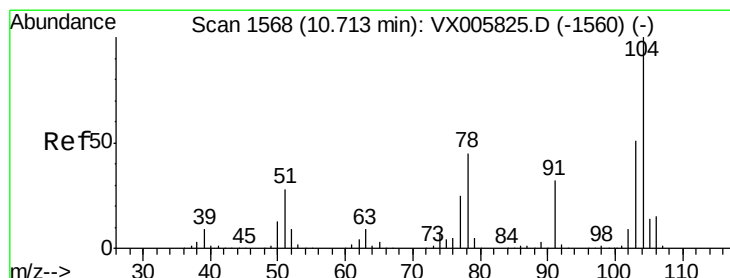
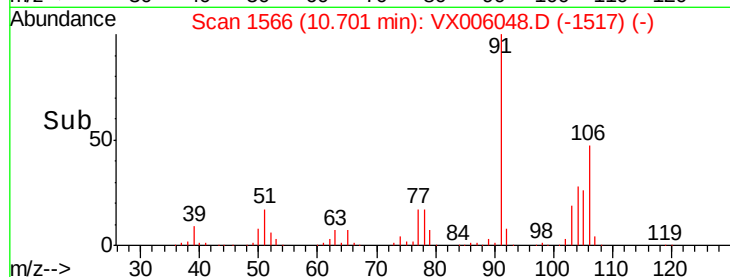
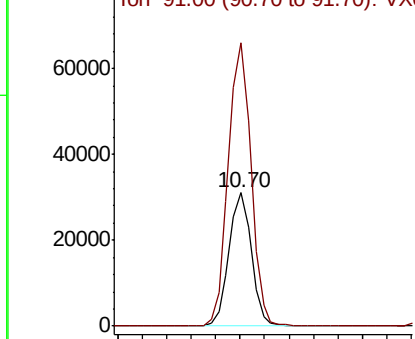
#69  
o-Xylene  
Concen: 21.821 ug/l  
RT: 10.70 min Scan# 1566  
Delta R.T. -0.00 min  
Lab File: VX006048.D  
Acq: 16 Nov 2018 14:28

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1116WBSD01

Tot Ion:106 Resp: 39481  
Ion Ratio Lower Upper  
106 100  
91 216.1 108.5 325.5

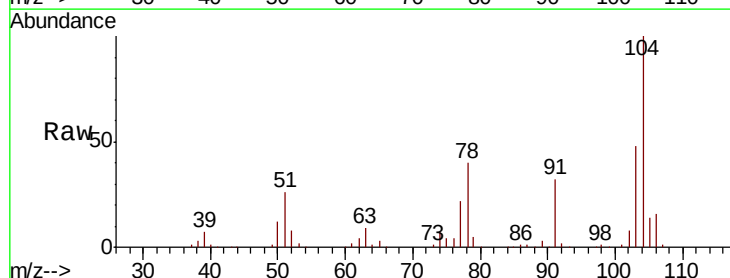


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VX0

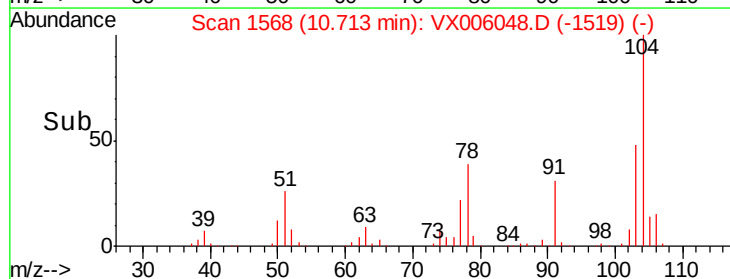
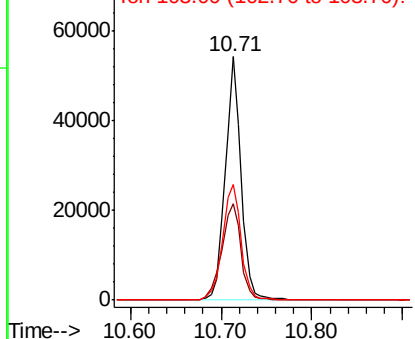


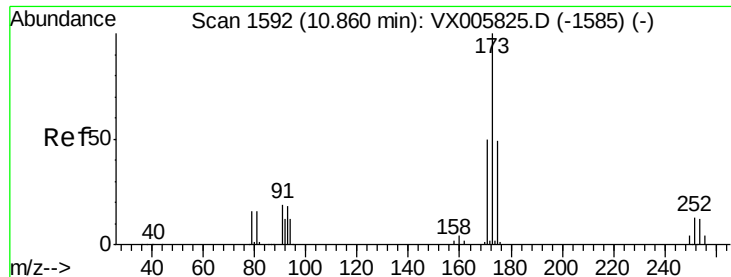
#70  
Styrene  
Concen: 22.471 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VX006048.D  
Acq: 16 Nov 2018 14:28

Tgt Ion:104 Resp: 67069  
Ion Ratio Lower Upper  
104 100  
78 48.0 40.2 60.4  
103 55.4 44.9 67.3



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





#71

Bromoform

Concen: 20.014 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX006048.D

Acq: 16 Nov 2018 14:28

Instrument :

MSVOA\_X

ClientSampleId :

VX1116WBSD01

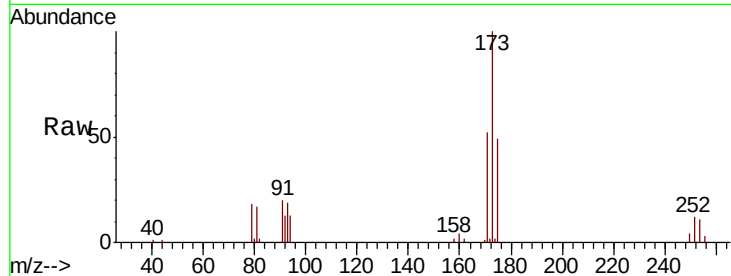
Tot Ion:173 Resp: 19241

Ion Ratio Lower Upper

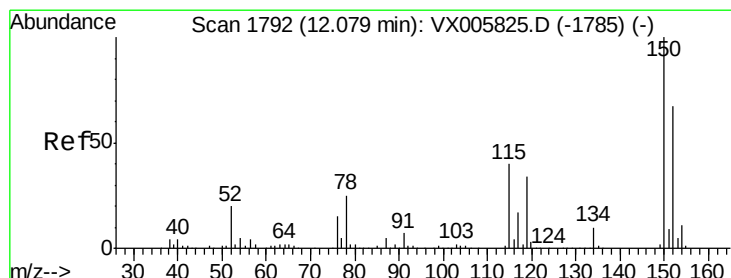
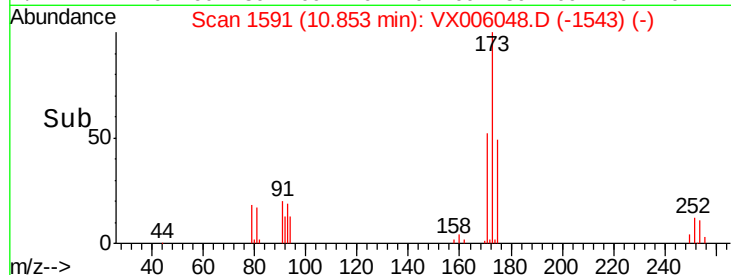
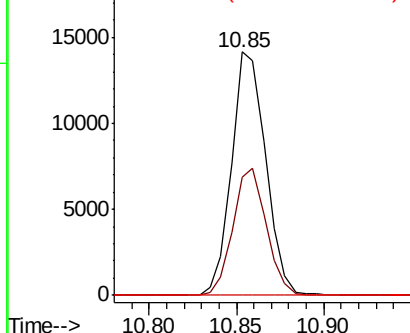
173 100

175 50.9 24.8 74.3

254 0.0 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: VX006048.D

Acq: 16 Nov 2018 14:28

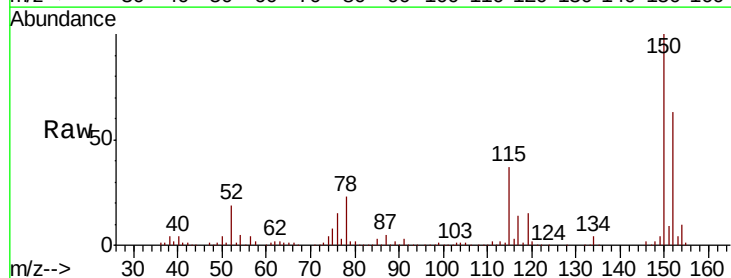
Tgt Ion:152 Resp: 75598

Ion Ratio Lower Upper

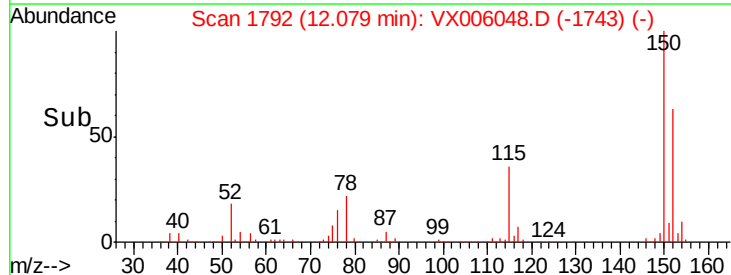
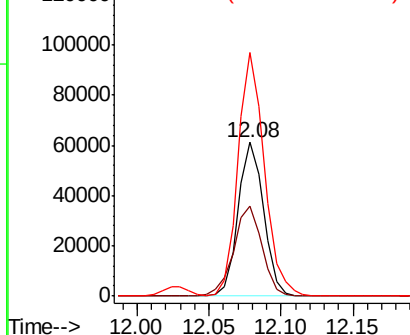
152 100

115 65.4 39.4 118.1

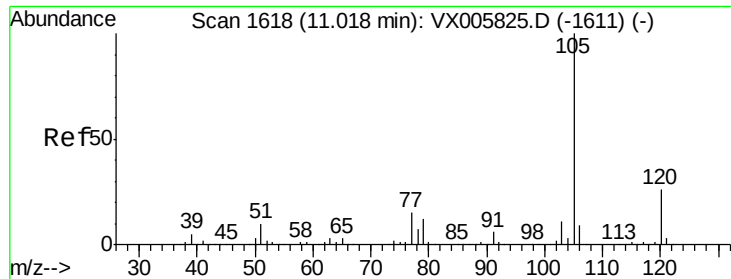
150 163.8 0.0 346.4



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: 24.853 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006048.D

Acq: 16 Nov 2018 14:28

Instrument :

MSVOA\_X

ClientSampleId :

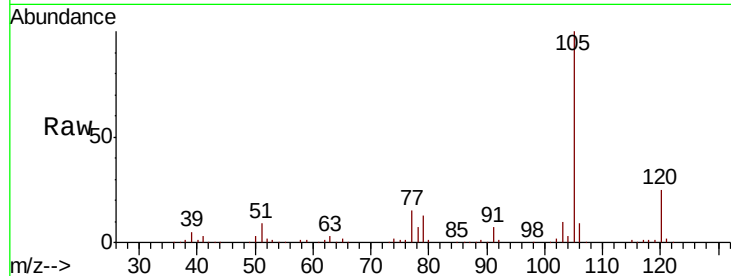
VX1116WBSD01

Tot Ion:105 Resp: 108652

Ion Ratio Lower Upper

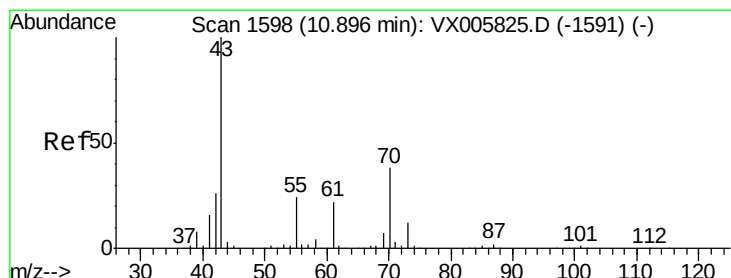
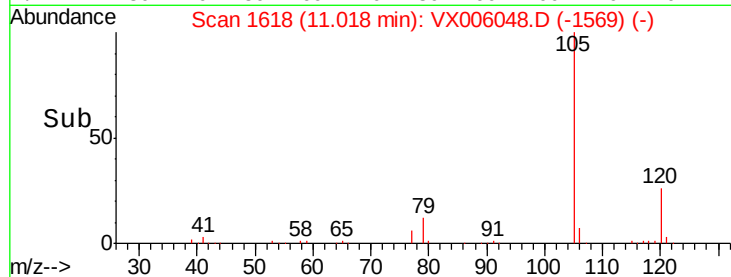
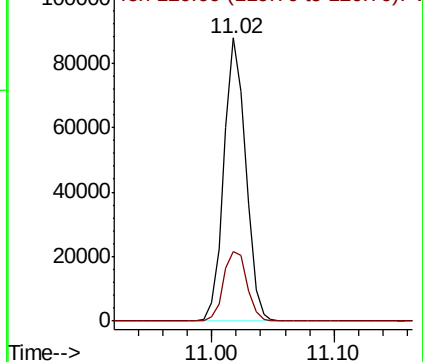
105 100

120 26.4 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: 21.771 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX006048.D

Acq: 16 Nov 2018 14:28

Tgt Ion: 43 Resp: 51626

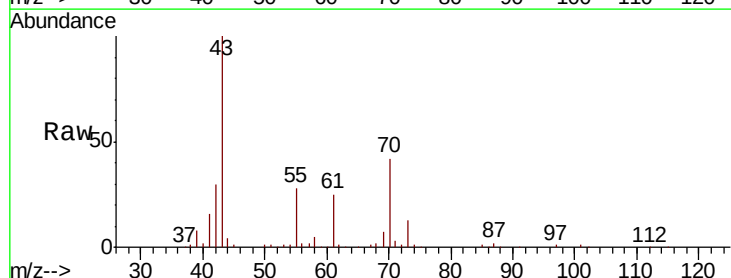
Ion Ratio Lower Upper

43 100

70 41.6 31.6 47.4

55 26.7 19.7 29.5

61 24.3 18.3 27.5

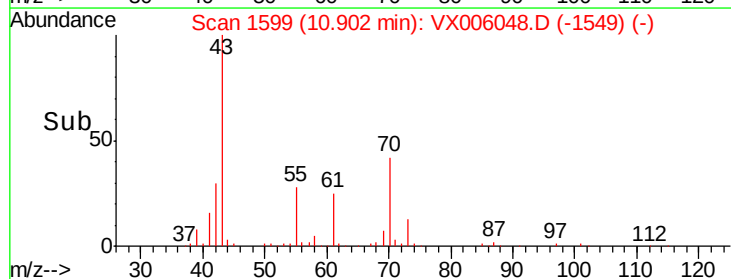
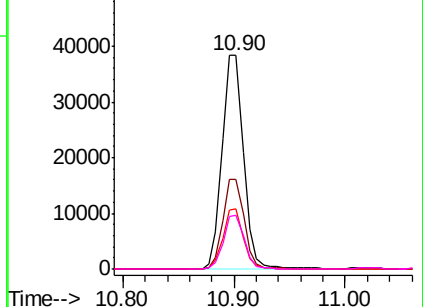


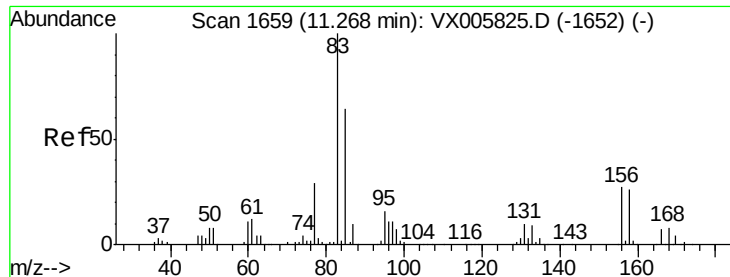
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 21.626 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006048.D

Acq: 16 Nov 2018 14:28

Instrument :

MSVOA\_X

ClientSampled :

VX1116WBSD01

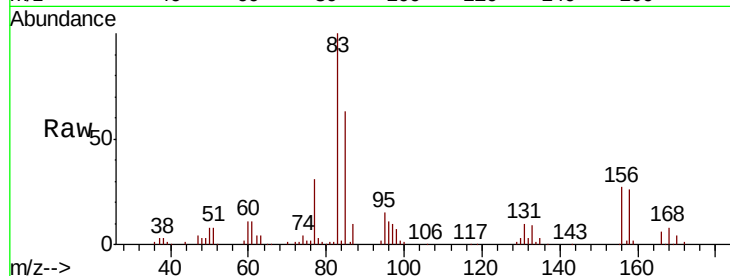
Tot Ion: 83 Resp: 34701

Ion Ratio Lower Upper

83 100

131 10.7 5.3 15.9

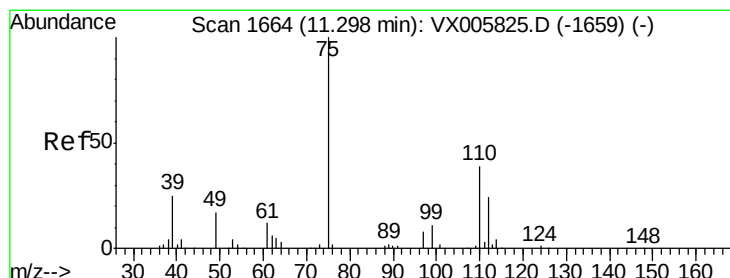
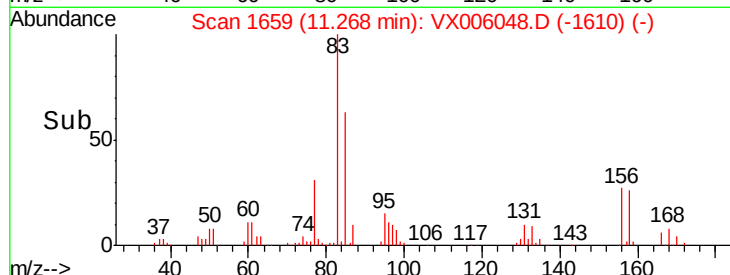
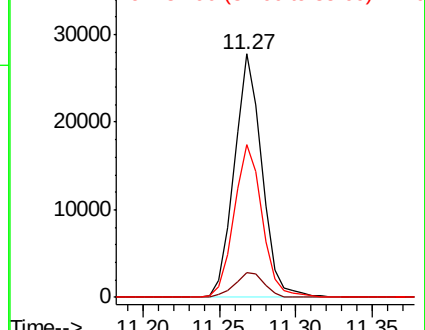
85 64.3 32.0 96.2



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: 26.220 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006048.D

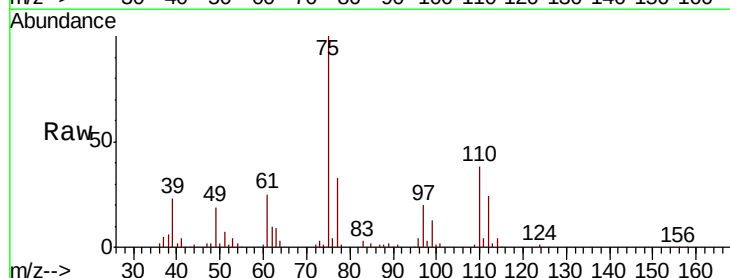
Acq: 16 Nov 2018 14:28

Tgt Ion: 75 Resp: 40361

Ion Ratio Lower Upper

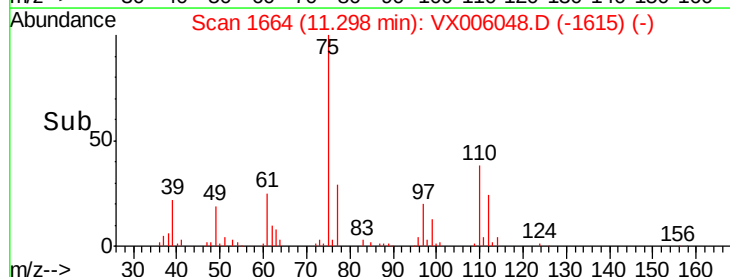
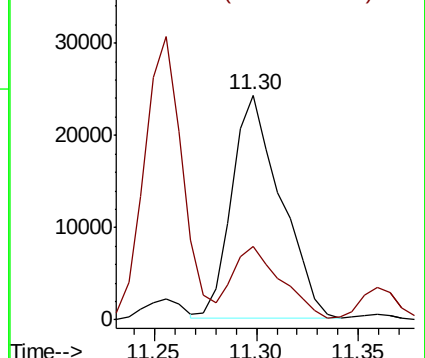
75 100

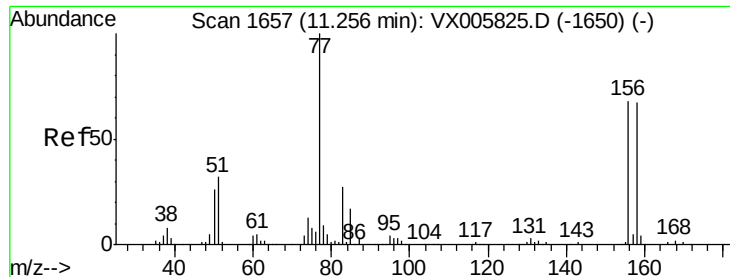
77 32.7 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.398 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006048.D

Acq: 16 Nov 2018 14:28

Instrument :

MSVOA\_X

ClientSampleId :

VX1116WBSD01

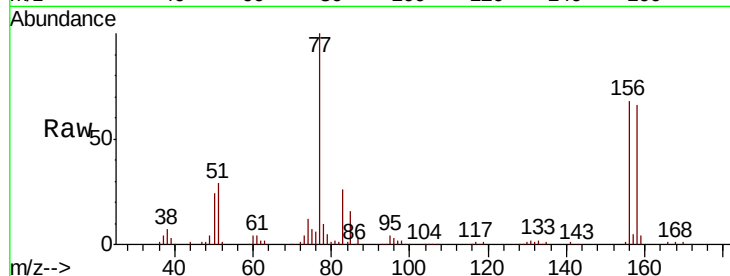
Tot Ion:156 Resp: 26367

Ion Ratio Lower Upper

156 100

77 150.7 74.8 224.4

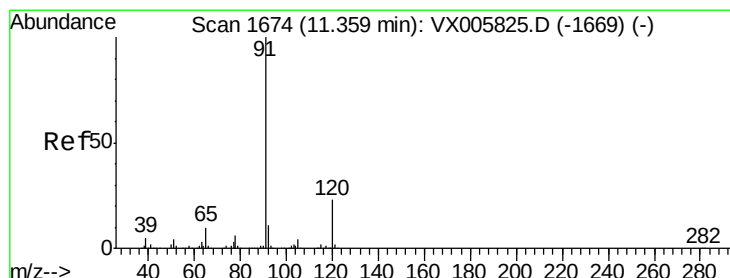
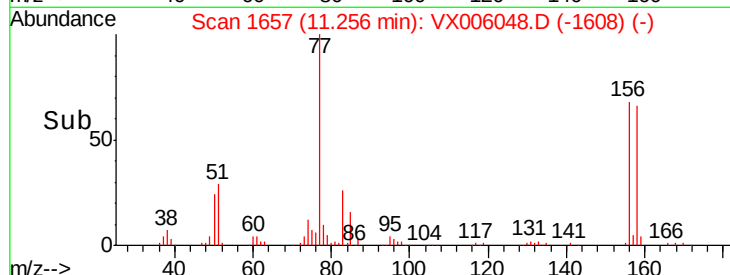
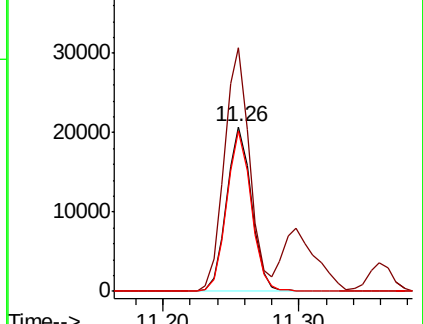
158 96.6 49.1 147.3



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: 21.890 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006048.D

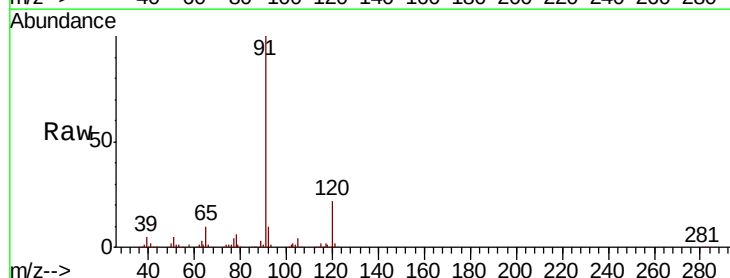
Acq: 16 Nov 2018 14:28

Tgt Ion: 91 Resp: 112784

Ion Ratio Lower Upper

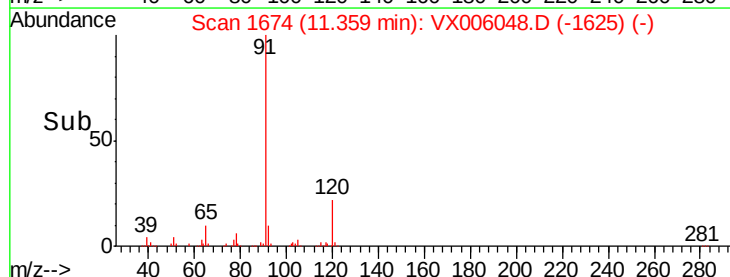
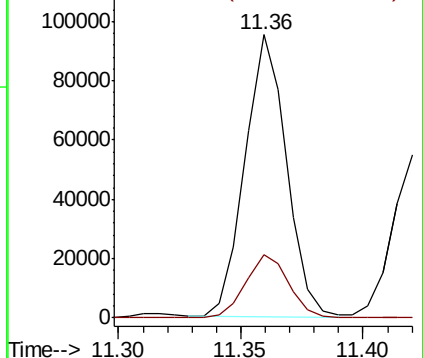
91 100

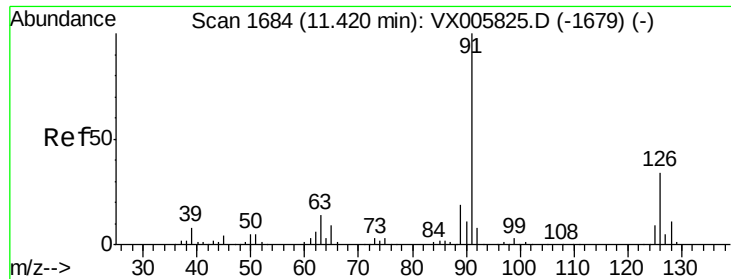
120 23.4 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

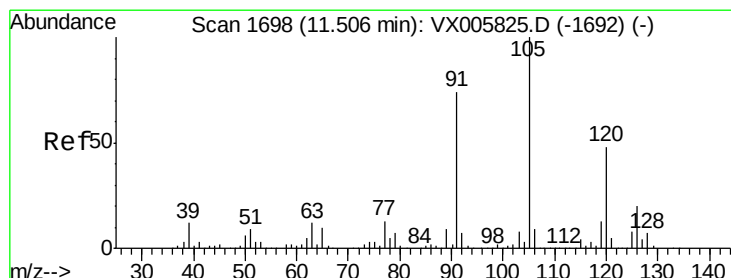
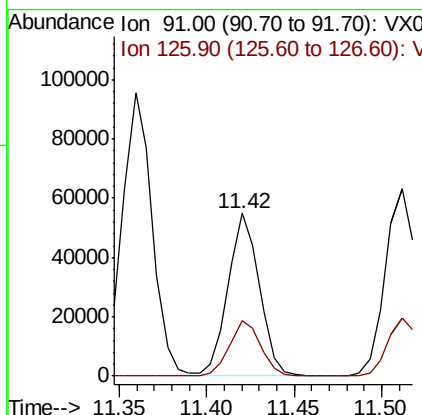
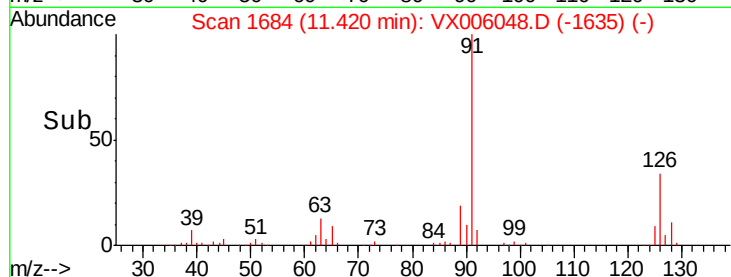
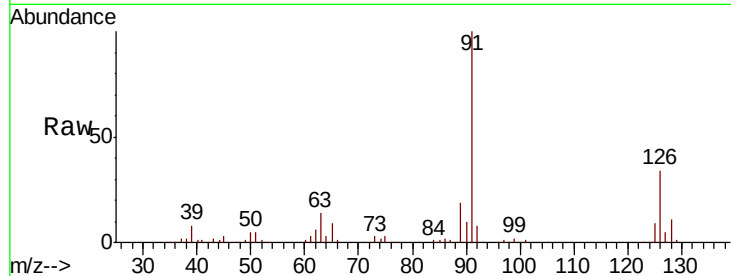




#79  
 2-Chlorotoluene  
 Concen: 21.873 ug/l  
 RT: 11.42 min Scan# 1684  
 Delta R.T. -0.00 min  
 Lab File: VX006048.D  
 Acq: 16 Nov 2018 14:28

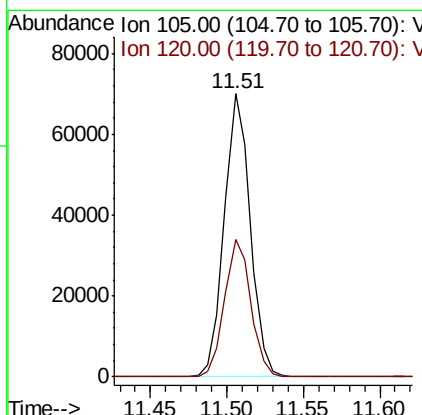
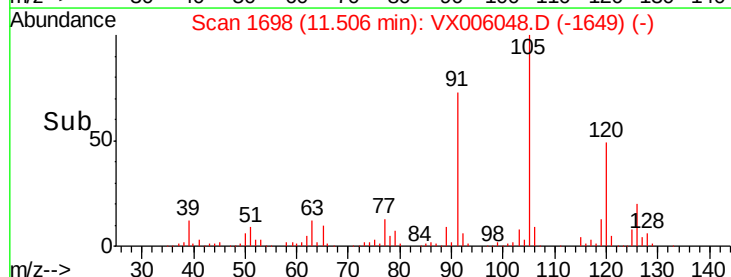
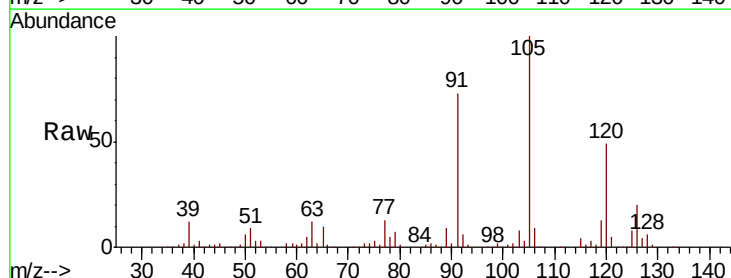
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX1116WBSD01

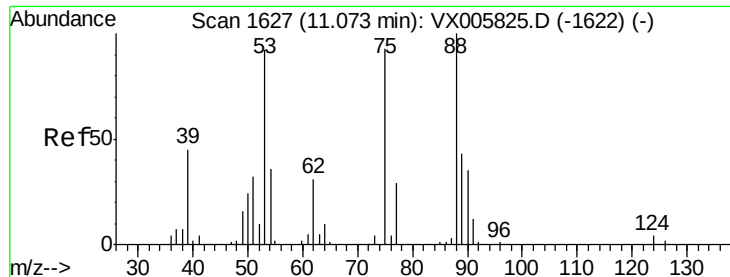
Tot Ion: 91 Resp: 68116  
 Ion Ratio Lower Upper  
 91 100  
 126 34.6 17.3 52.0



#80  
 1,3,5-Trimethylbenzene  
 Concen: 22.160 ug/l  
 RT: 11.51 min Scan# 1698  
 Delta R.T. -0.00 min  
 Lab File: VX006048.D  
 Acq: 16 Nov 2018 14:28

Tgt Ion: 105 Resp: 82328  
 Ion Ratio Lower Upper  
 105 100  
 120 49.1 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 22.088 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX006048.D

Acq: 16 Nov 2018 14:28

Instrument :

MSVOA\_X

ClientSampled :

VX1116WBSD01

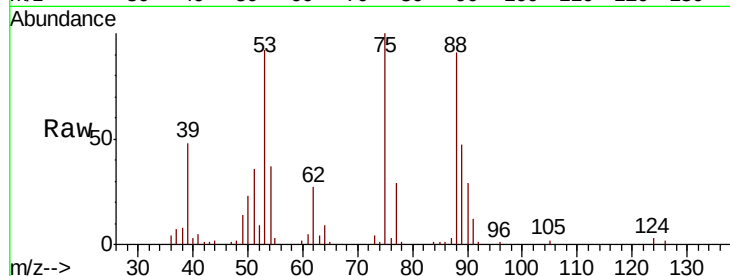
Tot Ion: 75 Resp: 10668

Ion Ratio Lower Upper

75 100

53 97.9 80.2 120.2

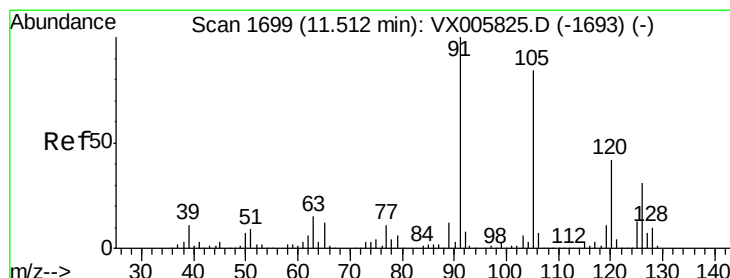
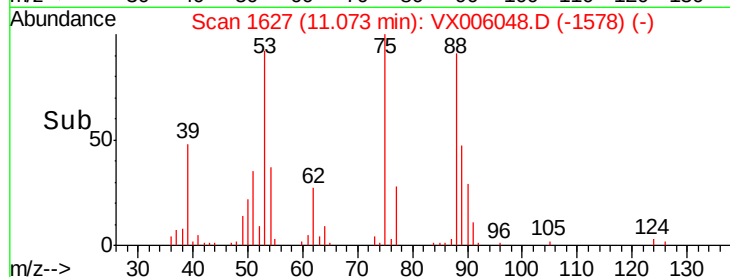
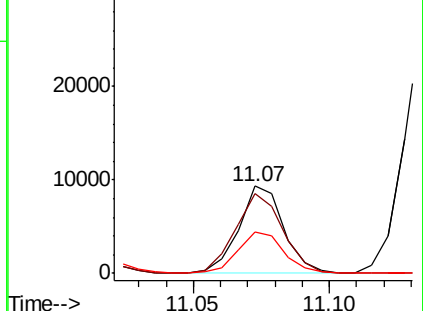
89 48.9 39.8 59.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 21.752 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX006048.D

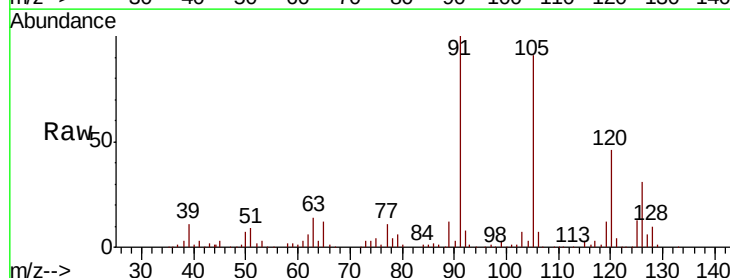
Acq: 16 Nov 2018 14:28

Tgt Ion: 91 Resp: 79833

Ion Ratio Lower Upper

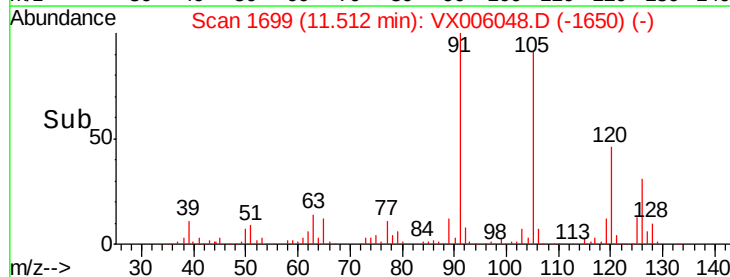
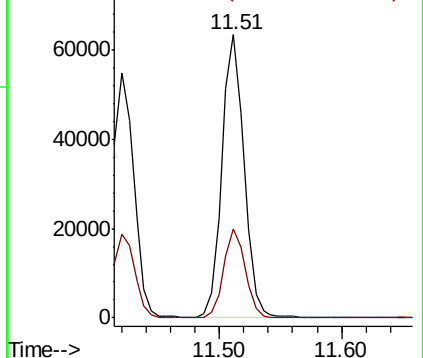
91 100

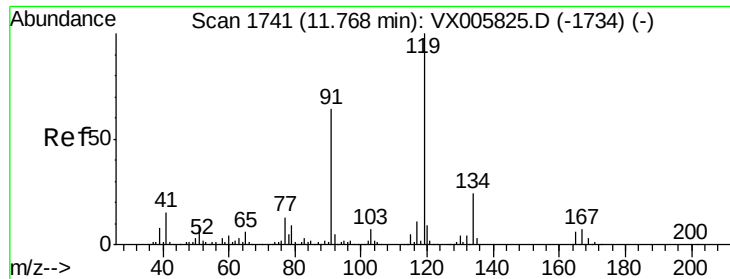
126 30.6 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

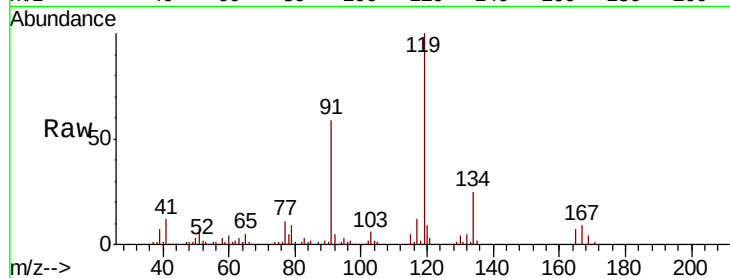




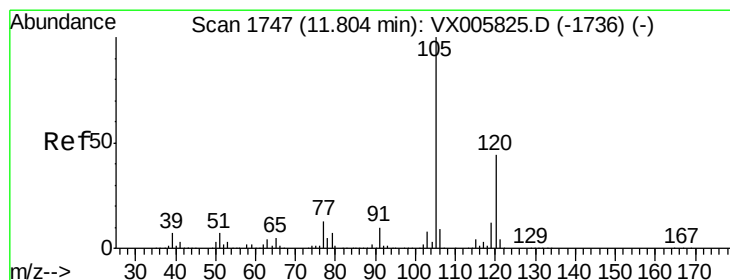
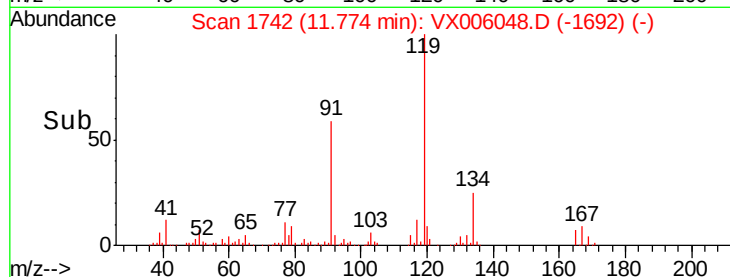
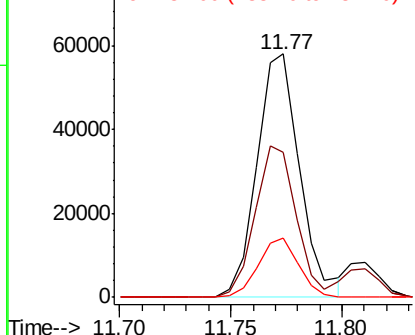
#83  
 tert-Butylbenzene  
 Concen: 20.634 ug/l  
 RT: 11.77 min Scan# 1742  
 Delta R.T. 0.01 min  
 Lab File: VX006048.D  
 Acq: 16 Nov 2018 14:28

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1116WBSD01

Tot Ion:119 Resp: 77551  
 Ion Ratio Lower Upper  
 119 100  
 91 59.7 28.5 85.5  
 134 23.0 11.3 33.8

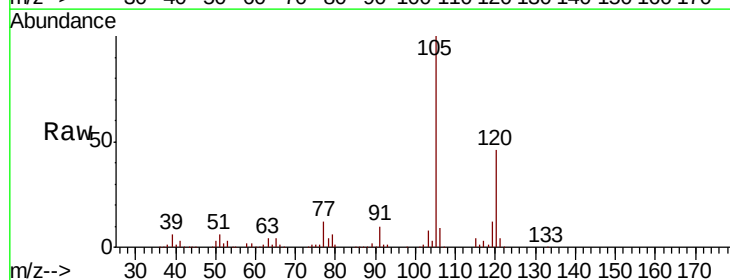


Abundance Ion 119.00 (118.70 to 119.70): V  
 Ion 91.00 (90.70 to 91.70): VX  
 Ion 134.00 (133.70 to 134.70): V

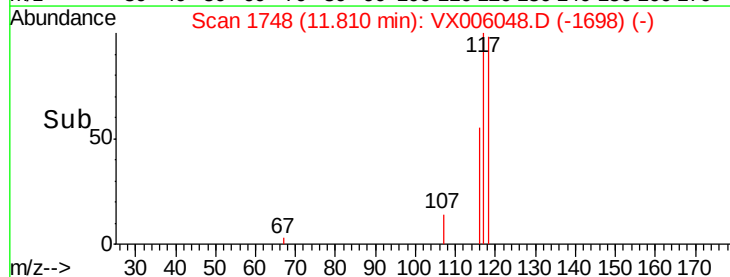
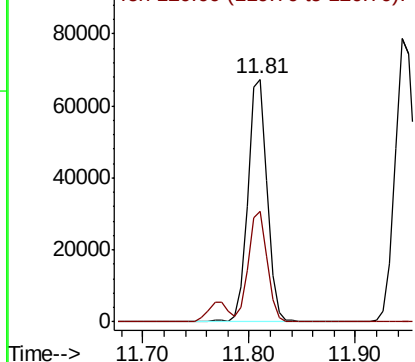


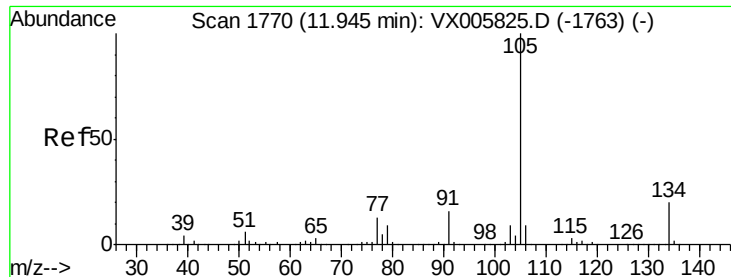
#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.766 ug/l  
 RT: 11.81 min Scan# 1748  
 Delta R.T. 0.01 min  
 Lab File: VX006048.D  
 Acq: 16 Nov 2018 14:28

Tgt Ion:105 Resp: 85425  
 Ion Ratio Lower Upper  
 105 100  
 120 44.6 22.4 67.0



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





#85

sec-Butylbenzene

Concen: 21.574 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006048.D

Acq: 16 Nov 2018 14:28

Instrument :

MSVOA\_X

ClientSampleId :

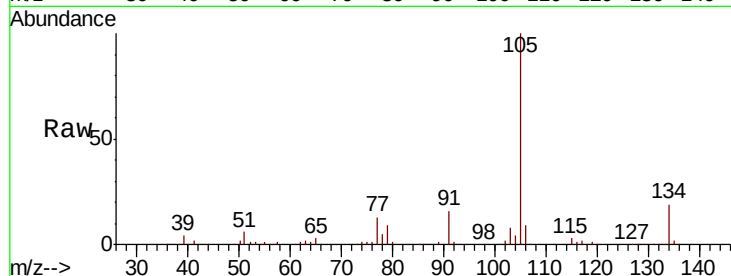
VX1116WBSD01

Tot Ion:105 Resp: 99156

Ion Ratio Lower Upper

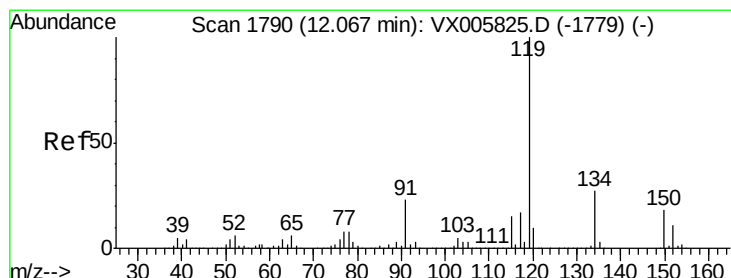
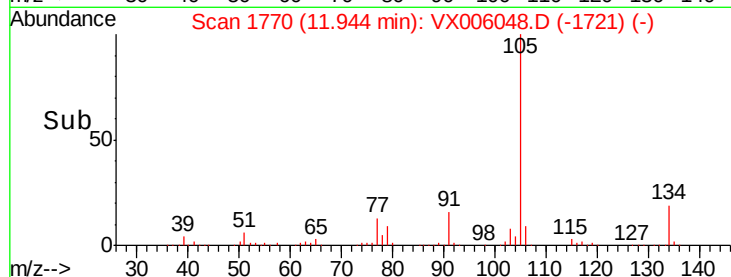
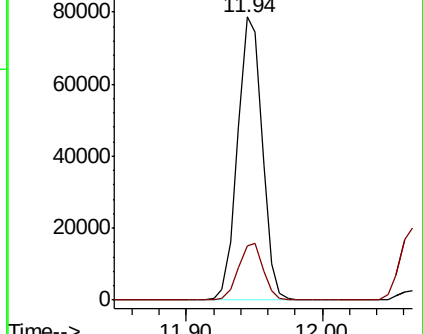
105 100

134 20.0 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: 21.557 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX006048.D

Acq: 16 Nov 2018 14:28

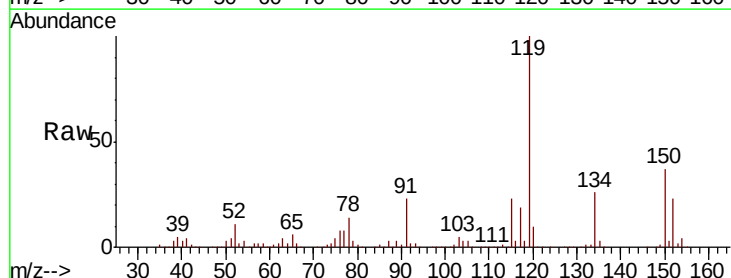
Tgt Ion:119 Resp: 87760

Ion Ratio Lower Upper

119 100

134 26.5 13.0 39.0

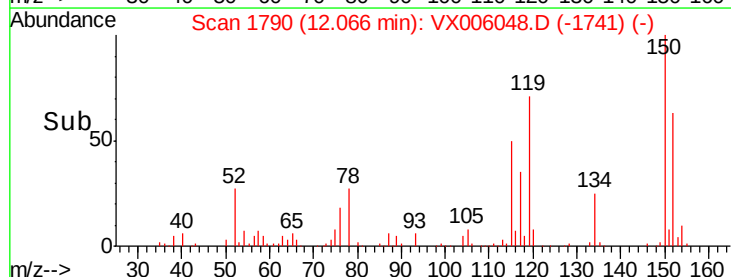
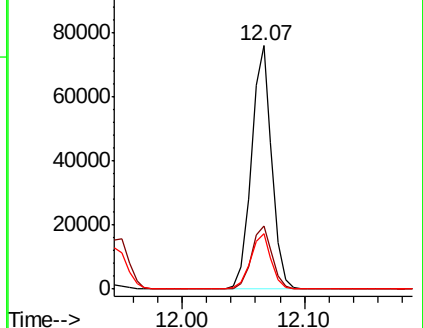
91 23.2 11.4 34.2

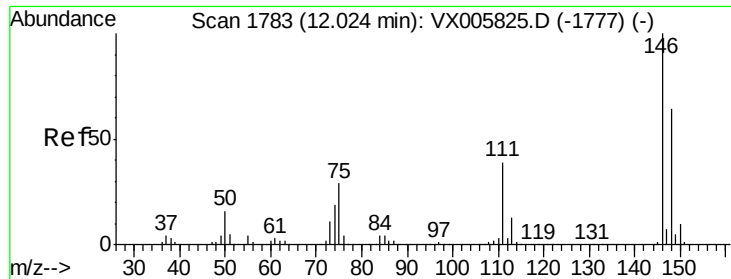


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

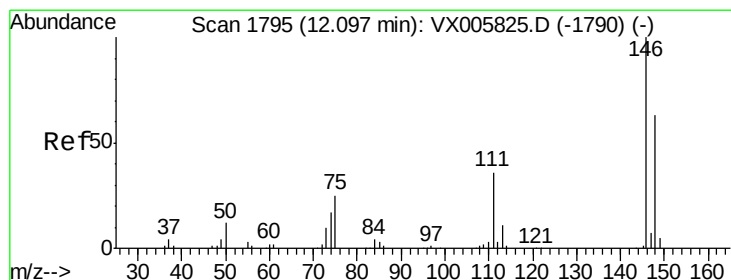
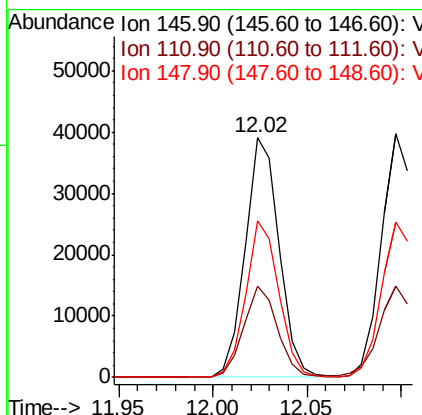
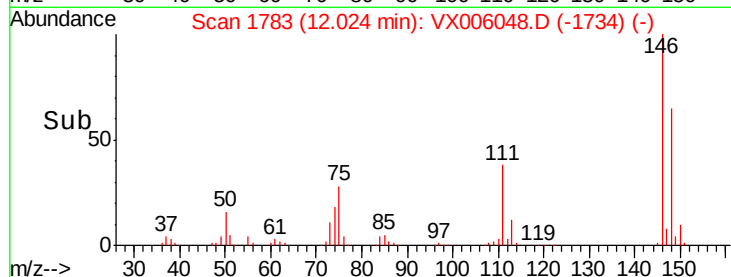
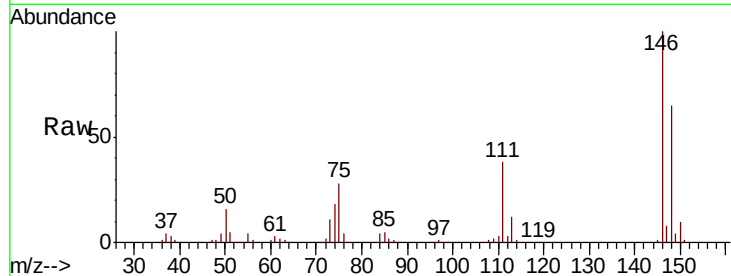




#87  
 1,3-Dichlorobenzene  
 Concen: 20.585 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. -0.00 min  
 Lab File: VX006048.D  
 Acq: 16 Nov 2018 14:28

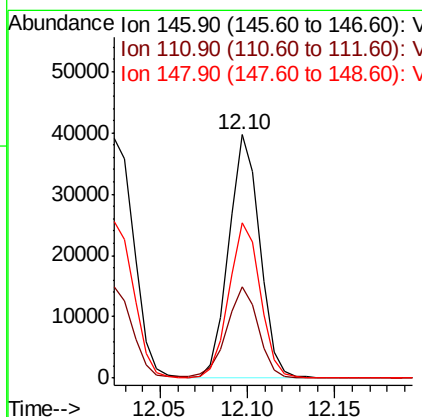
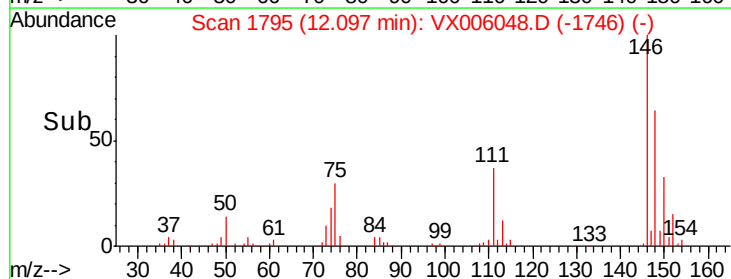
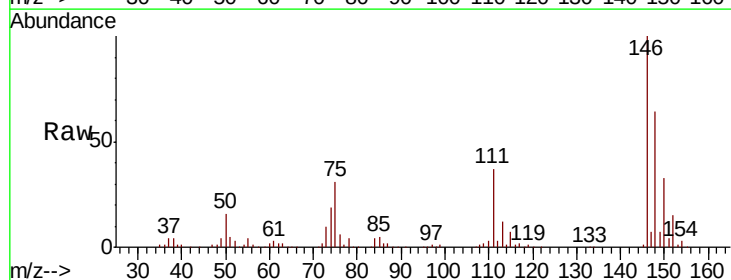
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1116WBSD01

Tot Ion:146 Resp: 48679  
 Ion Ratio Lower Upper  
 146 100  
 111 37.8 19.0 57.0  
 148 63.9 31.9 95.9

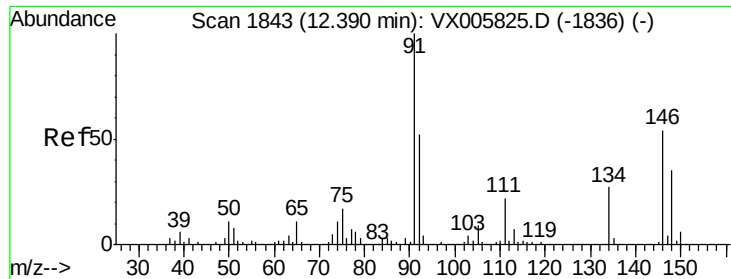


#88  
 1,4-Dichlorobenzene  
 Concen: 20.264 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. -0.00 min  
 Lab File: VX006048.D  
 Acq: 16 Nov 2018 14:28

Tgt Ion:146 Resp: 49057  
 Ion Ratio Lower Upper  
 146 100  
 111 38.7 18.6 55.8  
 148 64.8 32.1 96.3







#89

n-Butylbenzene

Concen: 19.793 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006048.D

Acq: 16 Nov 2018 14:28

Instrument :

MSVOA\_X

ClientSampleId :

VX1116WBSD01

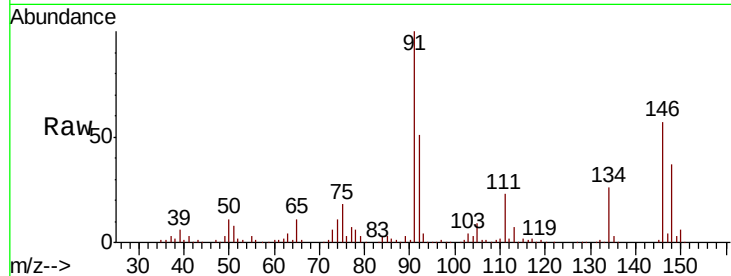
Tot Ion: 91 Resp: 74682

Ion Ratio Lower Upper

91 100

92 51.6 26.1 78.2

134 25.5 13.1 39.3

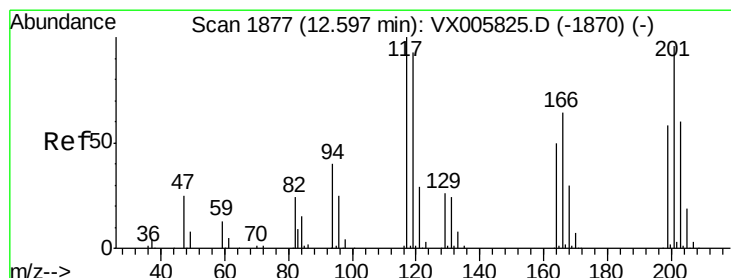
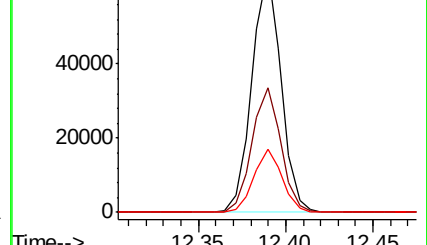
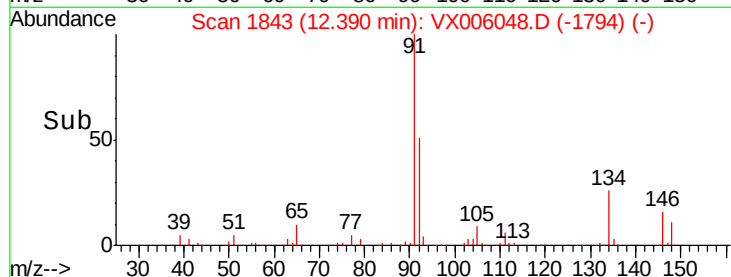


Abundance Ion 91.00 (90.70 to 91.70): VX005825.D (-1836) (-)

Ion 92.00 (91.70 to 92.70): VX005825.D (-1836) (-)

Ion 134.00 (133.70 to 134.70): VX005825.D (-1836) (-)

Time-->



#90

Hexachloroethane

Concen: 20.971 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX006048.D

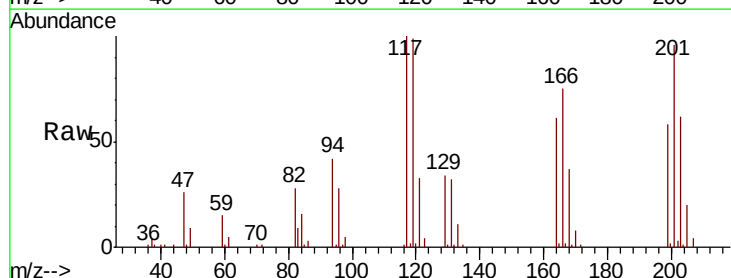
Acq: 16 Nov 2018 14:28

Tgt Ion: 117 Resp: 14254

Ion Ratio Lower Upper

117 100

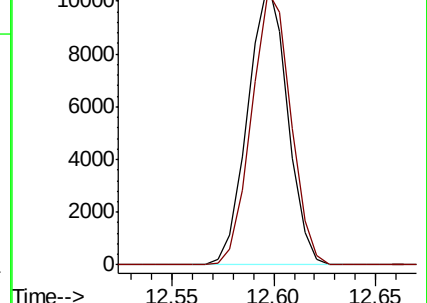
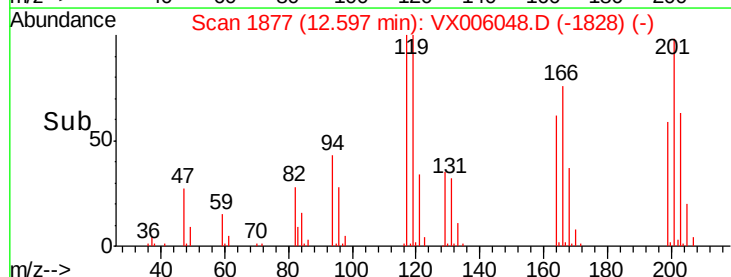
201 96.5 47.9 143.6

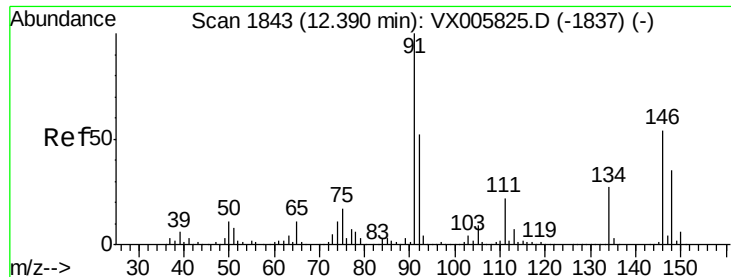


Abundance Ion 116.80 (116.50 to 117.50): VX005825.D (-1870) (-)

Ion 200.70 (200.40 to 201.40): VX005825.D (-1870) (-)

Time-->

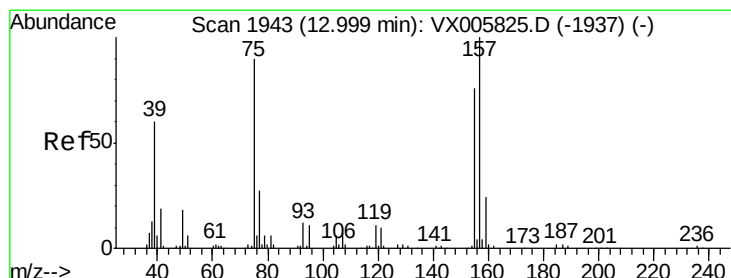
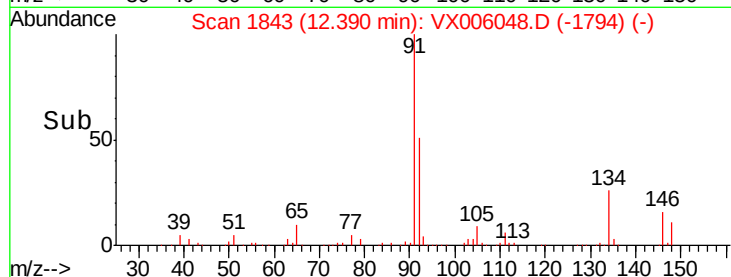
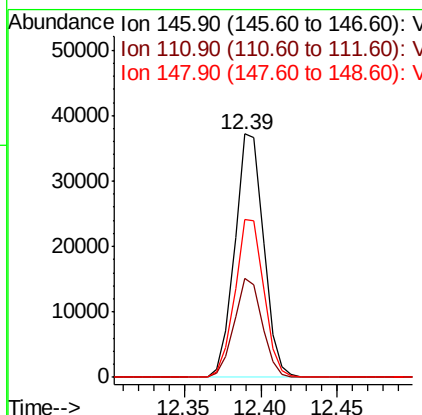
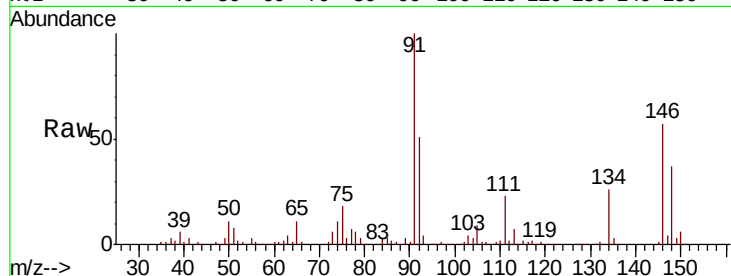




#91  
 1,2-Dichlorobenzene  
 Concen: 20.559 ug/l  
 RT: 12.39 min Scan# 1843  
 Delta R.T. -0.00 min  
 Lab File: VX006048.D  
 Acq: 16 Nov 2018 14:28

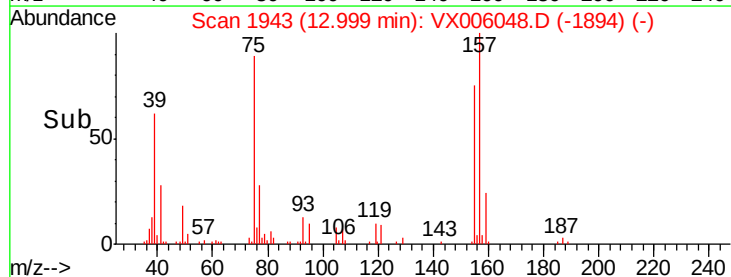
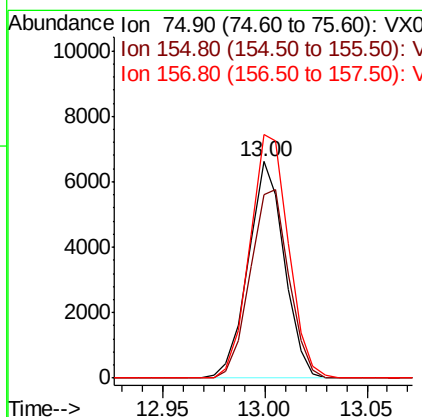
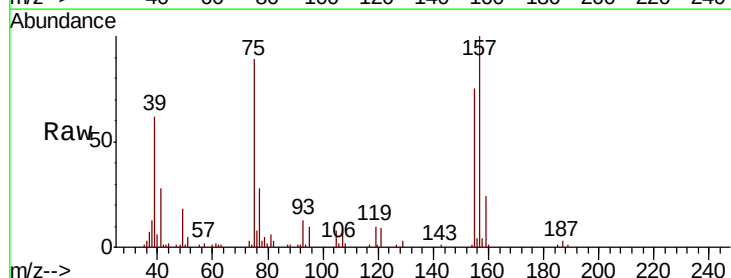
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1116WBSD01

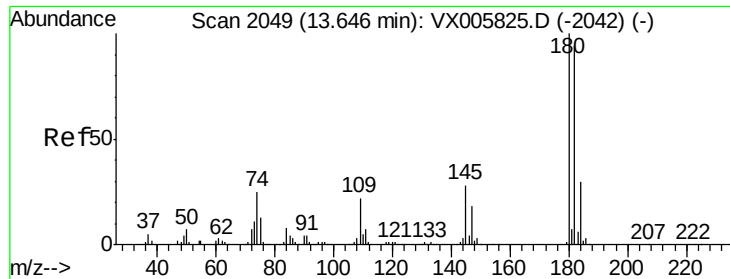
Tot Ion:146 Resp: 48704  
 Ion Ratio Lower Upper  
 146 100  
 111 39.7 20.0 59.9  
 148 64.7 32.2 96.6



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 20.793 ug/l  
 RT: 13.00 min Scan# 1943  
 Delta R.T. -0.00 min  
 Lab File: VX006048.D  
 Acq: 16 Nov 2018 14:28

Tgt Ion: 75 Resp: 8142  
 Ion Ratio Lower Upper  
 75 100  
 155 92.8 45.4 136.1  
 157 120.2 57.4 172.0

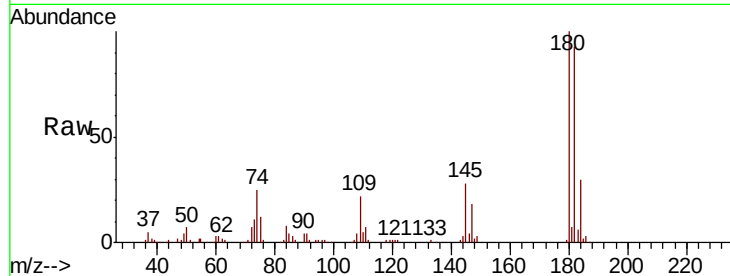




#93  
 1,2,4-Trichlorobenzene  
 Concen: 21.577 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. -0.00 min  
 Lab File: VX006048.D  
 Acq: 16 Nov 2018 14:28

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1116WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.1  | 47.6  | 142.8 |
| 145     | 28.4  | 14.1  | 42.2  |

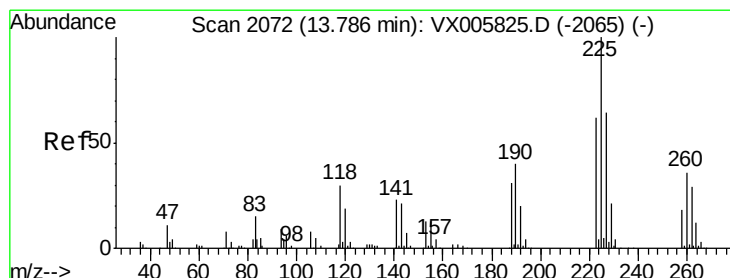
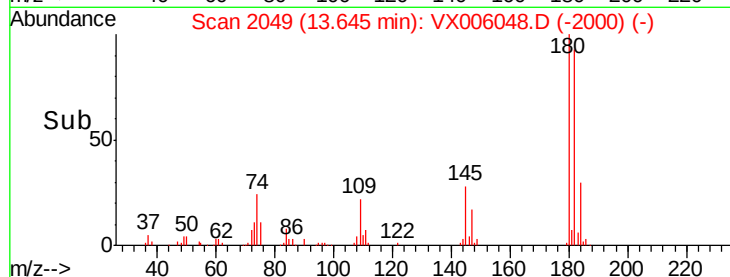
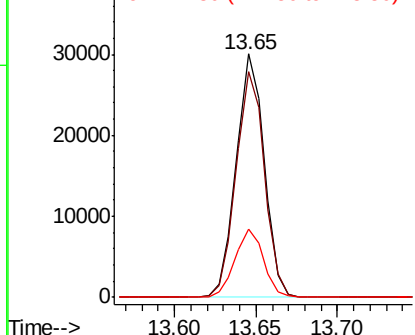


Abundance

Ion 179.80 (179.50 to 180.50): V

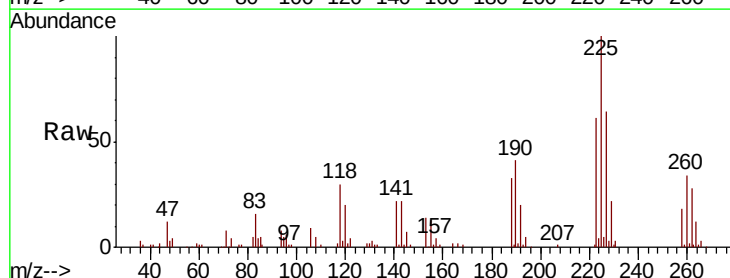
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94  
 Hexachlorobutadiene  
 Concen: 19.218 ug/l  
 RT: 13.79 min Scan# 2072  
 Delta R.T. -0.00 min  
 Lab File: VX006048.D  
 Acq: 16 Nov 2018 14:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.2  | 31.7  | 95.1  |
| 227     | 63.3  | 32.3  | 96.9  |

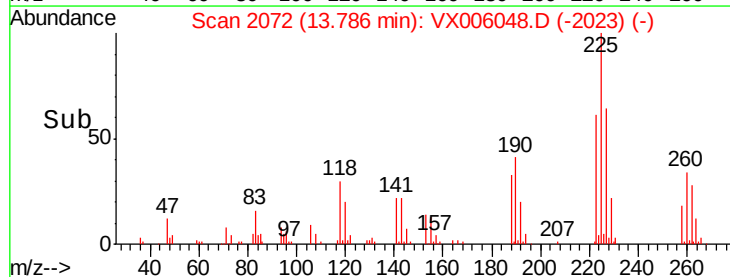
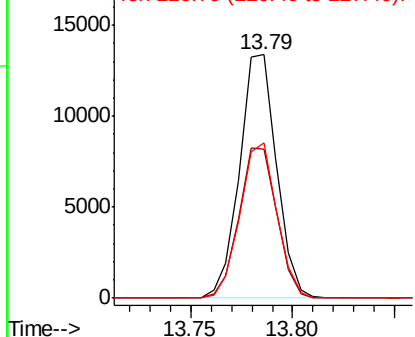


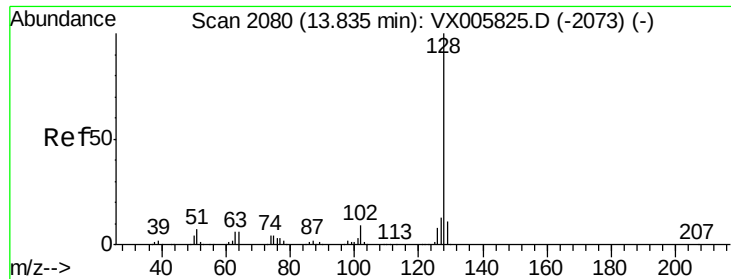
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 21.056 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006048.D

Acq: 16 Nov 2018 14:28

Instrument :

MSVOA\_X

ClientSampleId :

VX1116WBSD01

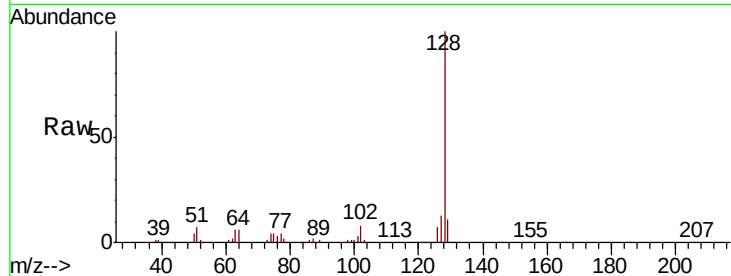
Tot Ion:128 Resp: 110724

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 10.8 8.7 13.1

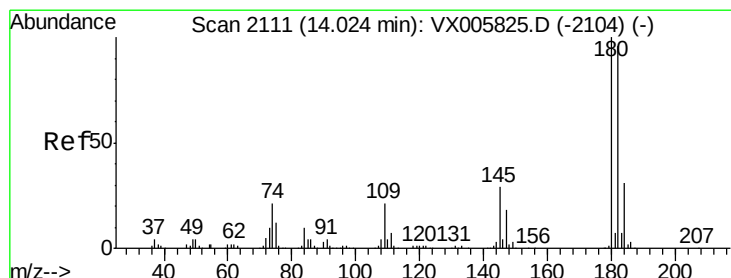
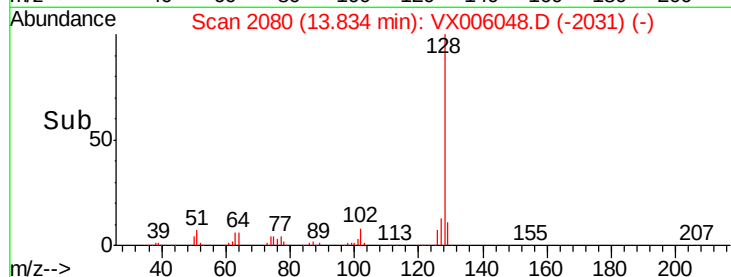
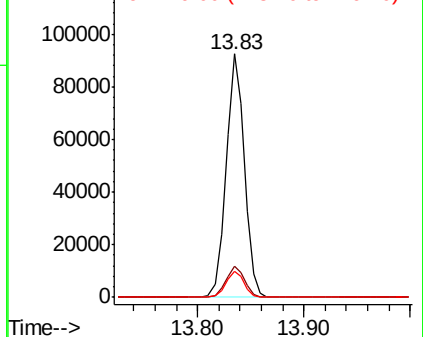


Abundance

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: 21.560 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX006048.D

Acq: 16 Nov 2018 14:28

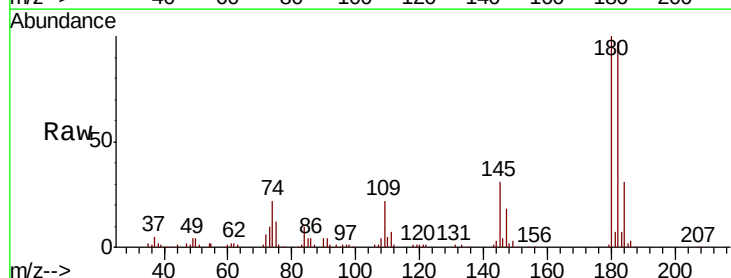
Tgt Ion:180 Resp: 36631

Ion Ratio Lower Upper

180 100

182 95.9 48.0 144.2

145 30.2 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

