

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101518\  
 Data File : VX005329.D  
 Acq On : 15 Oct 2018 08:15  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Oct 16 03:16:04 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X101218W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Oct 12 11:28:43 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.66  | 168  | 292483   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 407703   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 379640   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 224785   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |       |
|---------------------------|--------|-----|----------|-------|---------|-------|
| 33) 1,2-Dichloroethane-d4 | 6.06   | 65  | 153033   | 47.14 | ug/l    | -0.01 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 94.28%  |       |
| 35) Dibromofluoromethane  | 5.50   | 113 | 127273   | 47.13 | ug/l    | 0.00  |
| Spiked Amount             | 50.000 |     | Recovery | =     | 94.26%  |       |
| 50) Toluene-d8            | 8.71   | 98  | 489459   | 52.80 | ug/l    | 0.00  |
| Spiked Amount             | 50.000 |     | Recovery | =     | 105.60% |       |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 185401   | 53.24 | ug/l    | 0.00  |
| Spiked Amount             | 50.000 |     | Recovery | =     | 106.48% |       |

## Target Compounds

|                               |      |     |         |         | Qvalue   |
|-------------------------------|------|-----|---------|---------|----------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 117057  | 51.187  | ug/l 100 |
| 3) Chloromethane              | 1.32 | 50  | 156715  | 47.294  | ug/l 100 |
| 4) Vinyl Chloride             | 1.41 | 62  | 162232  | 48.330  | ug/l 100 |
| 5) Bromomethane               | 1.64 | 94  | 97893   | 51.617  | ug/l 97  |
| 6) Chloroethane               | 1.71 | 64  | 98704   | 49.760  | ug/l 94  |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 226264  | 50.511  | ug/l 94  |
| 8) Diethyl Ether              | 2.19 | 74  | 94642   | 49.476  | ug/l 91  |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 137653  | 53.241  | ug/l 97  |
| 10) Methyl Iodide             | 2.51 | 142 | 157058  | 55.132  | ug/l 99  |
| 11) Tert butyl alcohol        | 3.07 | 59  | 211986  | 231.507 | ug/l 99  |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 127517  | 49.779  | ug/l 99  |
| 13) Acrolein                  | 2.29 | 56  | 123272  | 210.628 | ug/l 97  |
| 14) Allyl chloride            | 2.73 | 41  | 276719  | 49.202  | ug/l 96  |
| 15) Acrylonitrile             | 3.15 | 53  | 478846  | 230.770 | ug/l 98  |
| 16) Acetone                   | 2.45 | 43  | 449922  | 239.720 | ug/l 97  |
| 17) Carbon Disulfide          | 2.57 | 76  | 381612  | 49.176  | ug/l 99  |
| 18) Methyl Acetate            | 2.78 | 43  | 250723  | 46.955  | ug/l 94  |
| 19) Methyl tert-butyl Ether   | 3.20 | 73  | 459590  | 50.941  | ug/l 97  |
| 20) Methylene Chloride        | 2.85 | 84  | 146294  | 53.589  | ug/l 96  |
| 21) trans-1,2-Dichloroethene  | 3.16 | 96  | 138449  | 48.769  | ug/l 96  |
| 22) Diisopropyl ether         | 3.87 | 45  | 497043  | 52.616  | ug/l 93  |
| 23) Vinyl Acetate             | 3.82 | 43  | 2209023 | 267.546 | ug/l 95  |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 268196  | 49.538  | ug/l 98  |
| 25) 2-Butanone                | 4.70 | 43  | 629693  | 229.307 | ug/l 94  |
| 26) 2,2-Dichloropropane       | 4.58 | 77  | 207306  | 51.199  | ug/l 100 |
| 27) cis-1,2-Dichloroethene    | 4.59 | 96  | 144949  | 46.981  | ug/l 96  |
| 28) Bromochloromethane        | 5.02 | 49  | 115501  | 46.798  | ug/l 95  |
| 29) Tetrahydrofuran           | 5.15 | 42  | 397077  | 226.688 | ug/l 93  |
| 30) Chloroform                | 5.21 | 83  | 240166  | 47.793  | ug/l 99  |
| 31) Cyclohexane               | 5.57 | 56  | 219169  | 49.117  | ug/l 94  |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 212662  | 48.637  | ug/l 99  |
| 36) 1,1-Dichloropropene       | 5.79 | 75  | 189018  | 47.870  | ug/l 99  |
| 37) Ethyl Acetate             | 4.85 | 43  | 226152  | 44.536  | ug/l 98  |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 191909  | 48.370  | ug/l 97  |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101518\  
 Data File : VX005329.D  
 Acq On : 15 Oct 2018 08:15  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Oct 16 03:16:04 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X101218W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Oct 12 11:28:43 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 226719   | 53.052  | ug/l  | 97       |
| 40) Benzene                    | 6.14  | 78   | 542300   | 45.783  | ug/l  | 99       |
| 41) Methacrylonitrile          | 5.06  | 41   | 126025   | 46.293  | ug/l  | 96       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 191579   | 45.806  | ug/l  | 97       |
| 43) Isopropyl Acetate          | 6.46  | 43   | 338208   | 49.999  | ug/l  | 97       |
| 44) Trichloroethene            | 7.21  | 130  | 153616   | 50.802  | ug/l  | 100      |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 144616   | 49.772  | ug/l  | 99       |
| 46) Dibromomethane             | 7.66  | 93   | 93361    | 48.684  | ug/l  | 97       |
| 47) Bromodichloromethane       | 7.90  | 83   | 182786   | 51.530  | ug/l  | 99       |
| 48) Methyl methacrylate        | 7.77  | 41   | 179527   | 51.172  | ug/l  | 95       |
| 49) 1,4-Dioxane                | 7.75  | 88   | 76812    | 949.247 | ug/l  | 97       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 1196605  | 255.482 | ug/l  | 95       |
| 52) Toluene                    | 8.79  | 92   | 349256   | 53.895  | ug/l  | 97       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 213424   | 55.597  | ug/l  | 99       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 229702   | 55.224  | ug/l  | 99       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 141051   | 51.389  | ug/l  | 97       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 222941   | 55.717  | ug/l  | 97       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 236888   | 51.709  | ug/l  | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 614231   | 273.721 | ug/l  | 95       |
| 59) 2-Hexanone                 | 9.49  | 43   | 970412   | 257.567 | ug/l  | 94       |
| 60) Dibromochloromethane       | 9.58  | 129  | 153911   | 54.248  | ug/l  | 100      |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 148376   | 51.510  | ug/l  | 99       |
| 64) Tetrachloroethene          | 9.34  | 164  | 157112   | 51.406  | ug/l  | 99       |
| 65) Chlorobenzene              | 10.14 | 112  | 395288   | 48.950  | ug/l  | 96       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 144998   | 50.386  | ug/l  | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 682222   | 51.967  | ug/l  | 97       |
| 68) m/p-Xylenes                | 10.36 | 106  | 534753   | 104.948 | ug/l  | 96       |
| 69) o-Xylene                   | 10.70 | 106  | 255731   | 52.039  | ug/l  | 98       |
| 70) Styrene                    | 10.71 | 104  | 433863   | 53.677  | ug/l  | 98       |
| 71) Bromoform                  | 10.86 | 173  | 131931   | 51.302  | ug/l  | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 699207   | 52.325  | ug/l  | 100      |
| 74) N-amyl acetate             | 10.90 | 43   | 324106   | 50.287  | ug/l  | 94       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 232721   | 46.167  | ug/l  | 99       |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 280168   | 64.256  | ug/l  | 86       |
| 77) Bromobenzene               | 11.26 | 156  | 190274   | 49.800  | ug/l  | 99       |
| 78) n-propylbenzene            | 11.36 | 91   | 815884   | 53.058  | ug/l  | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 473920   | 50.324  | ug/l  | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 604566   | 52.832  | ug/l  | 97       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 73441    | 51.179  | ug/l  | 93       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 570453   | 51.099  | ug/l  | 100      |
| 83) tert-Butylbenzene          | 11.77 | 119  | 605570   | 52.259  | ug/l  | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 621921   | 52.812  | ug/l  | 98       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 732525   | 53.417  | ug/l  | 100      |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 673195   | 54.313  | ug/l  | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 360177   | 50.448  | ug/l  | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 365343   | 50.021  | ug/l  | 99       |
| 89) n-Butylbenzene             | 12.39 | 91   | 607476   | 53.979  | ug/l  | 98       |
| 90) Hexachloroethane           | 12.60 | 117  | 107996   | 50.557  | ug/l  | 93       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 358672   | 49.229  | ug/l  | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 56446    | 45.906  | ug/l  | 99       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101518\  
Data File : VX005329.D  
Acq On : 15 Oct 2018 08:15  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 2 Sample Multiplier: 1

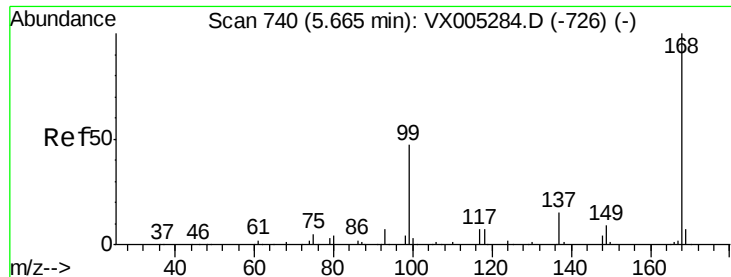
Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Oct 16 03:16:04 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X101218W.M  
Quant Title : SW846 8260  
QLast Update : Fri Oct 12 11:28:43 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 286085   | 53.520 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 148527   | 52.610 | ug/l  | 97       |
| 95) Naphthalene            | 13.83 | 128  | 820233   | 52.911 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 283715   | 51.874 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA\_X

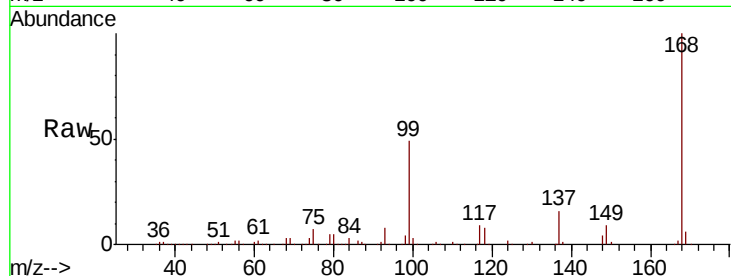
ClientSampleId :

Tot Ion:168 Resp: 292483

Ion Ratio Lower Upper

168 100

99 49.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

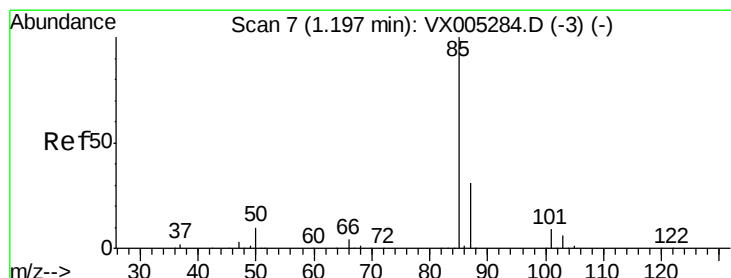
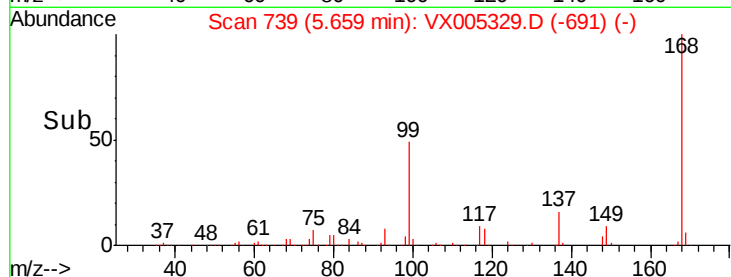
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.187 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005329.D

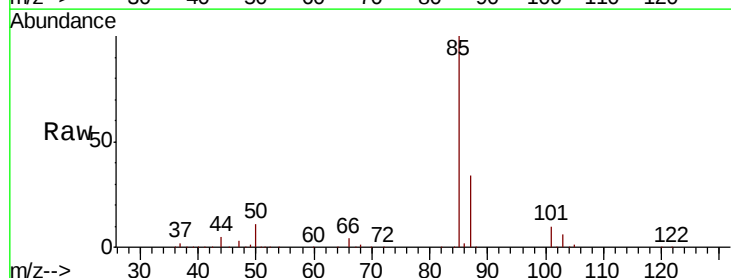
Acq: 15 Oct 2018 08:15

Tgt Ion: 85 Resp: 117057

Ion Ratio Lower Upper

85 100

87 34.1 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

120000

100000

80000

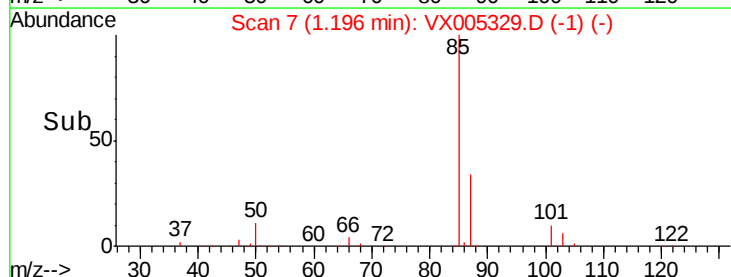
60000

40000

20000

0

Time-->





#3

Chloromethane

Concen: 47.294 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA\_X

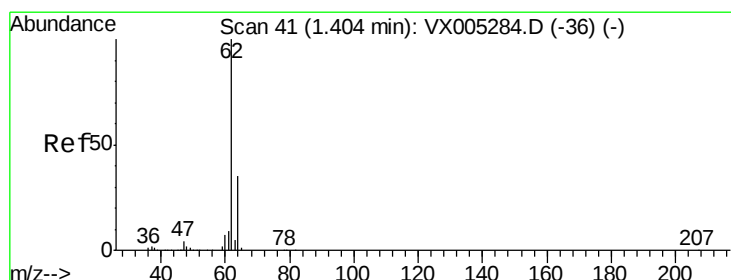
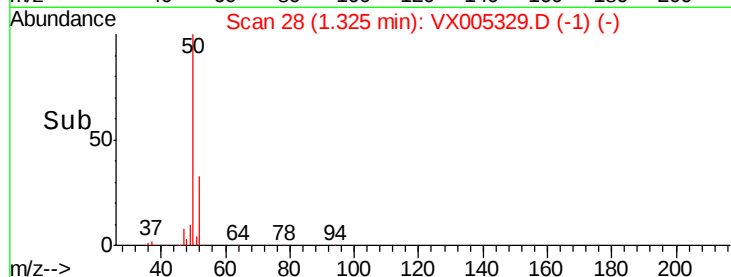
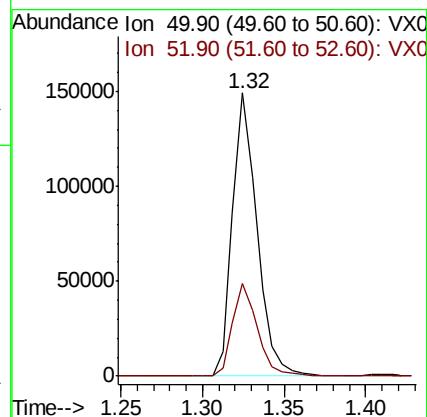
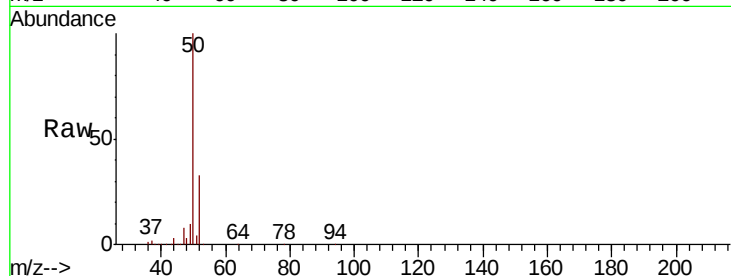
ClientSampleId :

Tot Ion: 50 Resp: 156715

Ion Ratio Lower Upper

50 100

52 32.9 26.2 39.2



#4

Vinyl Chloride

Concen: 48.330 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005329.D

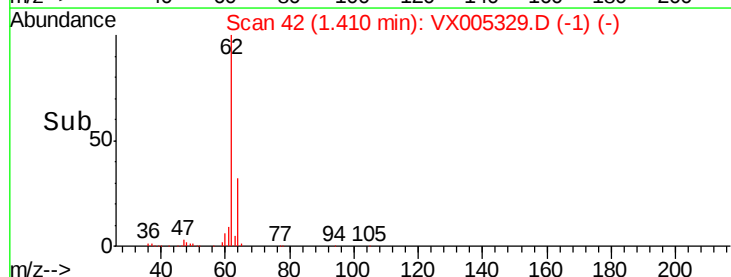
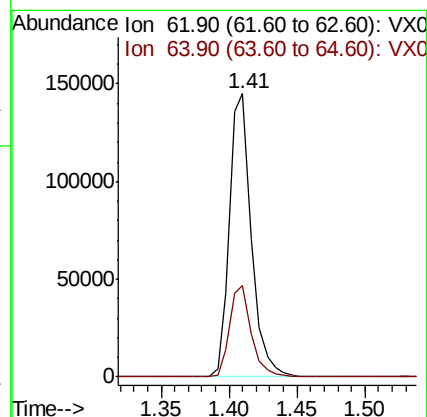
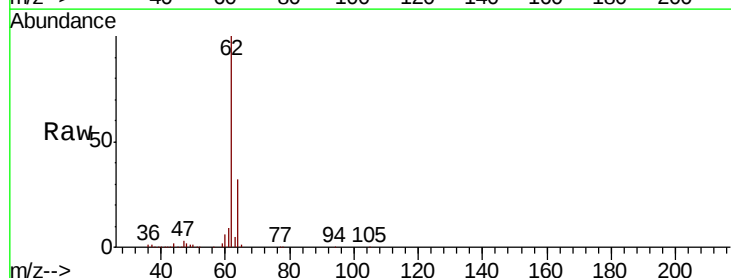
Acq: 15 Oct 2018 08:15

Tgt Ion: 62 Resp: 162232

Ion Ratio Lower Upper

62 100

64 32.5 25.8 38.8





#5

Bromomethane

Concen: 51.617 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA\_X

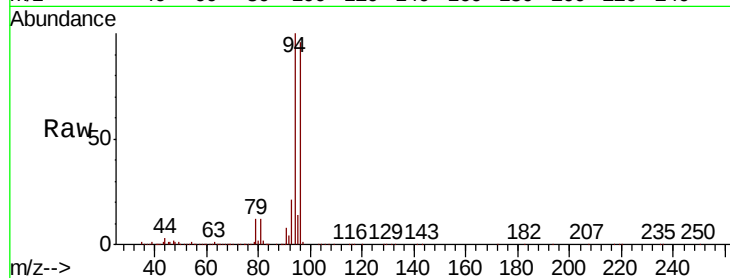
ClientSampleId :

Tot Ion: 94 Resp: 97893

Ion Ratio Lower Upper

94 100

96 95.9 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

120000

100000

80000

60000

40000

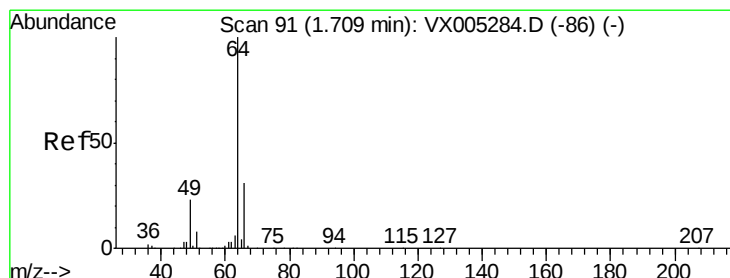
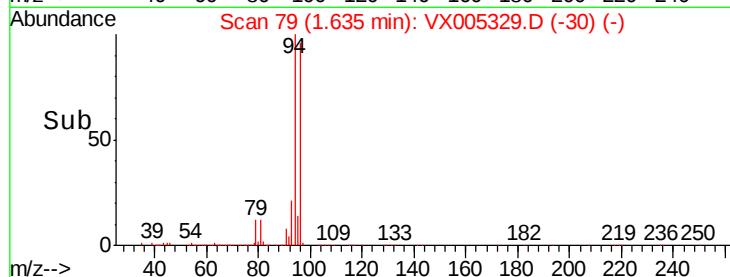
20000

0

1.64

1.55 1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 49.760 ug/l

RT: 1.71 min Scan# 91

Delta R.T. 0.00 min

Lab File: VX005329.D

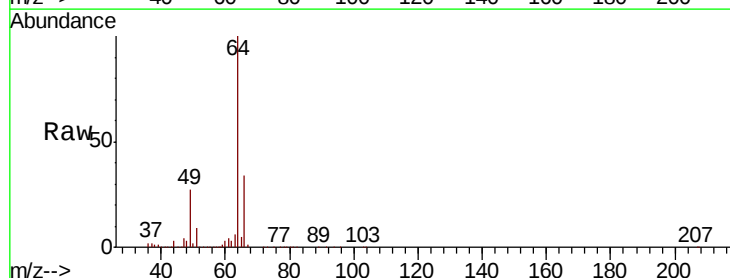
Acq: 15 Oct 2018 08:15

Tgt Ion: 64 Resp: 98704

Ion Ratio Lower Upper

64 100

66 33.7 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

80000

60000

40000

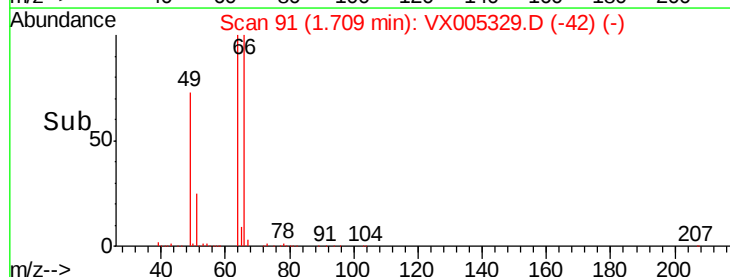
20000

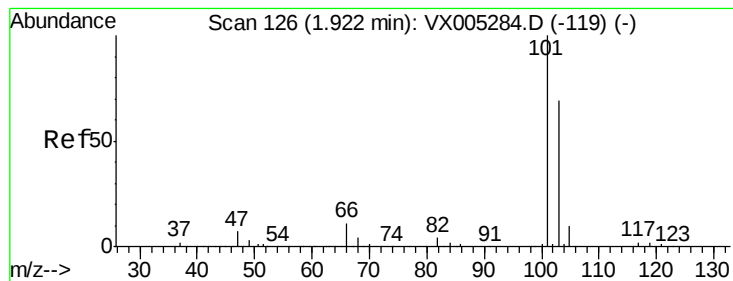
0

1.71

1.60 1.65 1.70 1.75 1.80

Time-->



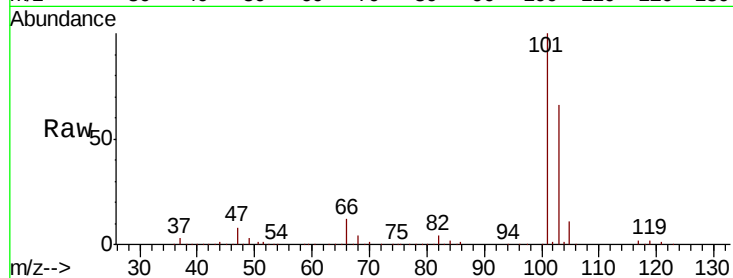


#7

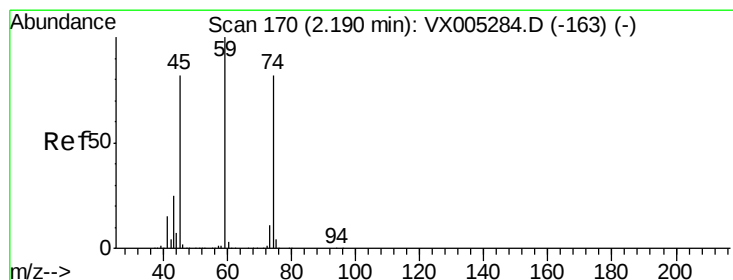
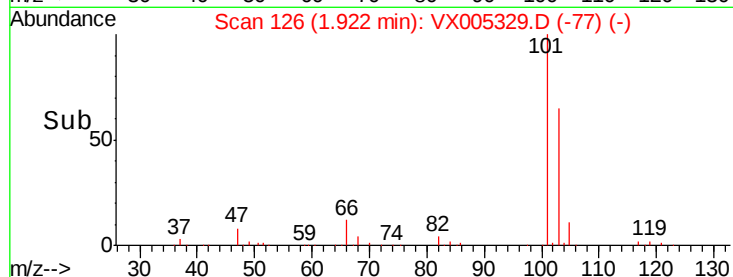
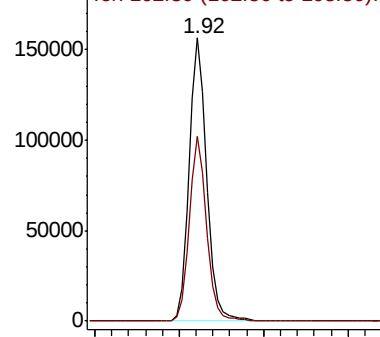
Trichlorofluoromethane  
Concen: 50.511 ug/l  
RT: 1.92 min Scan# 126  
Delta R.T. -0.00 min  
Lab File: VX005329.D  
Acq: 15 Oct 2018 08:15

Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion:101 Resp: 226264  
Ion Ratio Lower Upper  
101 100  
103 65.5 48.9 73.3



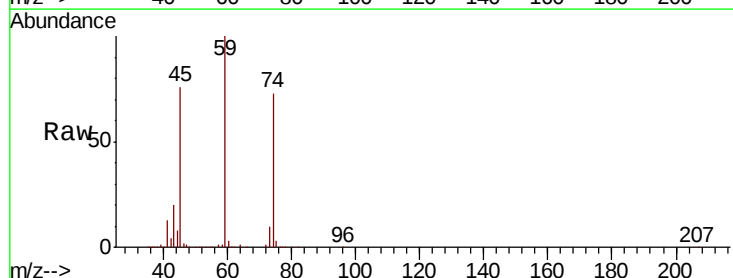
Abundance Ion 100.90 (100.60 to 101.60): V  
Ion 102.80 (102.50 to 103.50): V



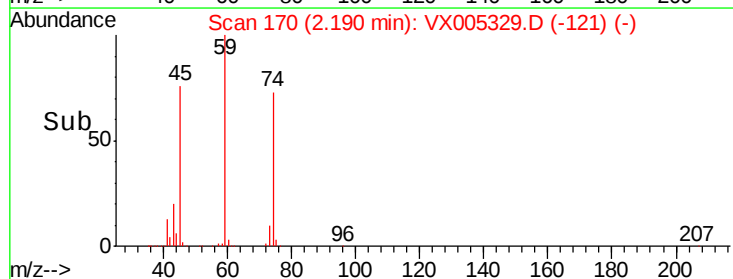
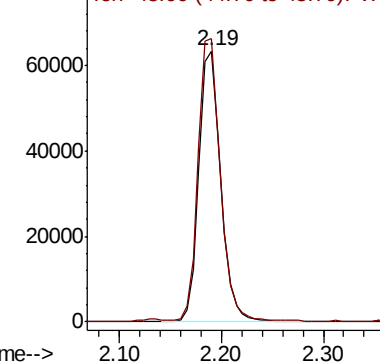
#8

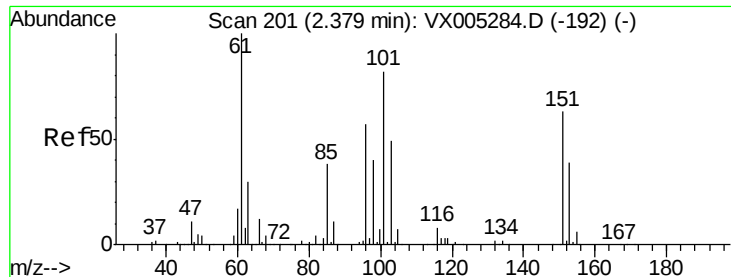
Diethyl Ether  
Concen: 49.476 ug/l  
RT: 2.19 min Scan# 170  
Delta R.T. -0.00 min  
Lab File: VX005329.D  
Acq: 15 Oct 2018 08:15

Tgt Ion: 74 Resp: 94642  
Ion Ratio Lower Upper  
74 100  
45 105.3 48.3 144.8



Abundance Ion 74.00 (73.70 to 74.70): VX0  
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.241 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA\_X

ClientSampleId :

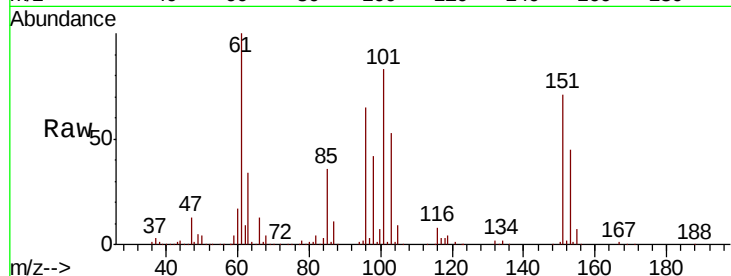
Tot Ion:101 Resp: 137653

Ion Ratio Lower Upper

101 100

85 43.3 34.2 51.4

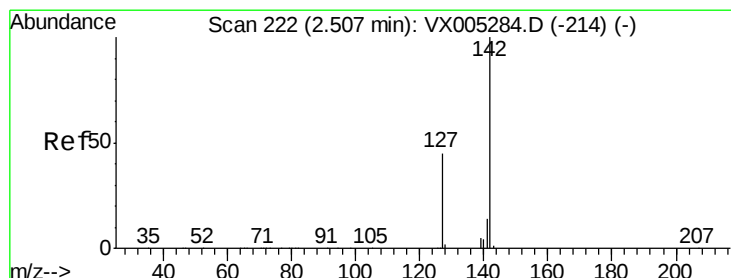
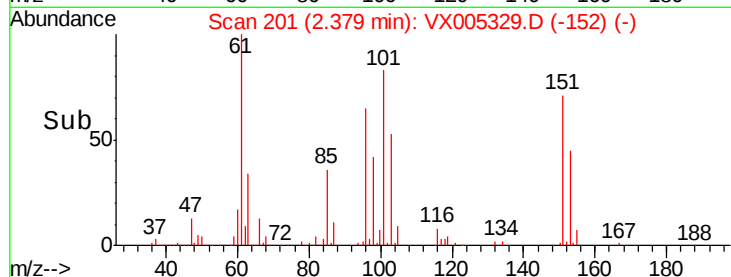
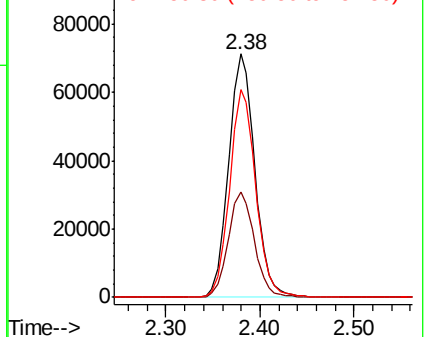
151 84.8 65.0 97.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 55.132 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

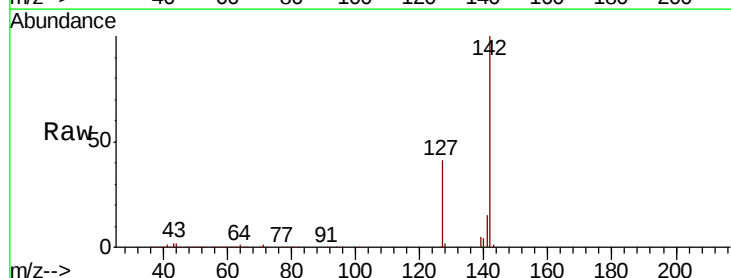
Tgt Ion:142 Resp: 157058

Ion Ratio Lower Upper

142 100

127 42.5 33.8 50.6

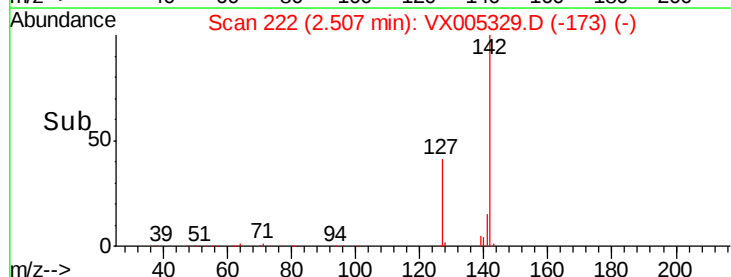
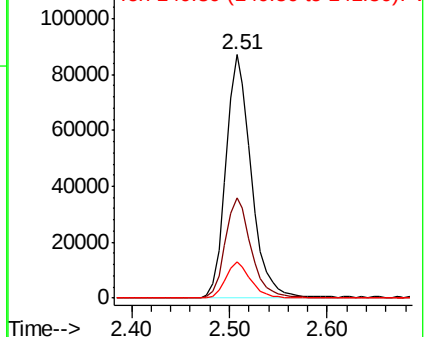
141 14.5 11.4 17.0

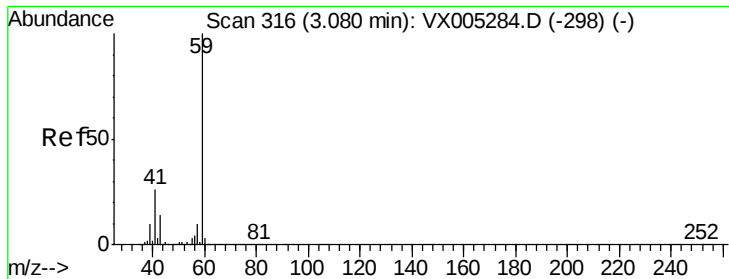


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



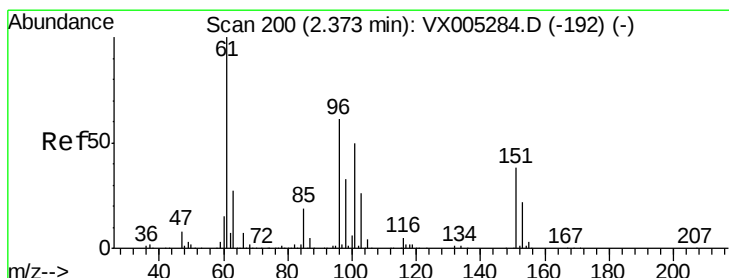
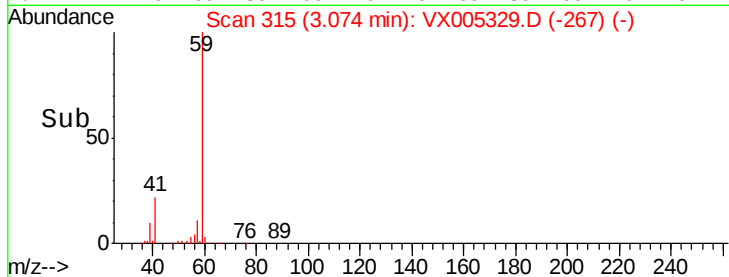
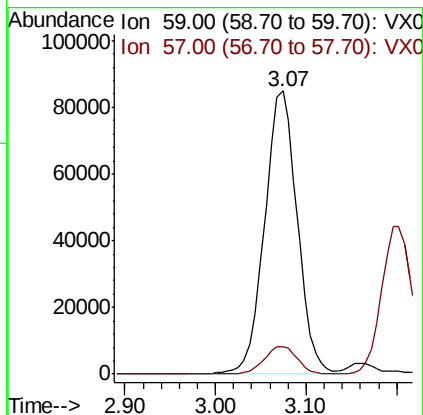
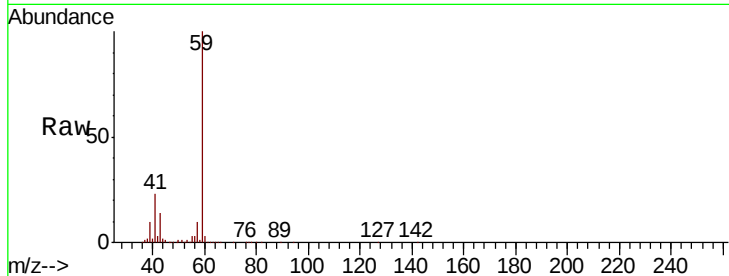


#11

Tert butyl alcohol  
Concen: 231.507 ug/l  
RT: 3.07 min Scan# 315  
Delta R.T. -0.01 min  
Lab File: VX005329.D  
Acq: 15 Oct 2018 08:15

Instrument :  
MSVOA\_X  
ClientSampleId :

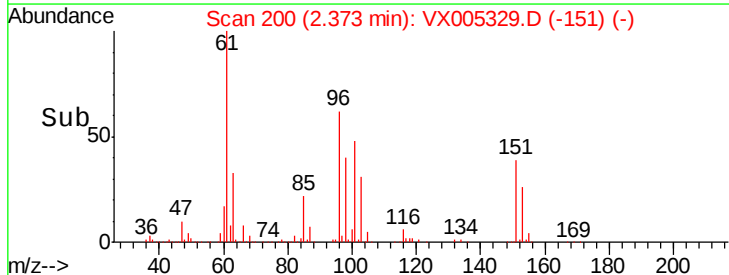
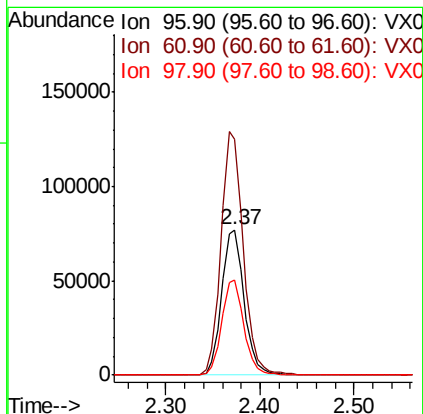
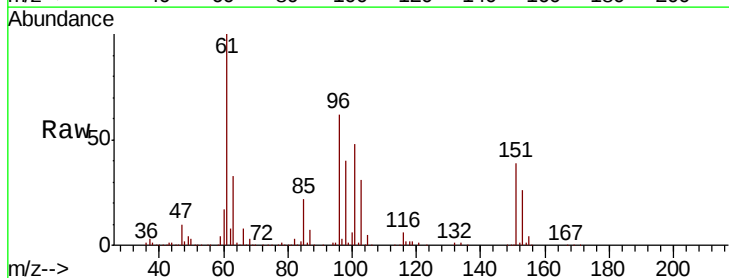
Tot Ion: 59 Resp: 211986  
Ion Ratio Lower Upper  
59 100  
57 10.0 8.2 12.4

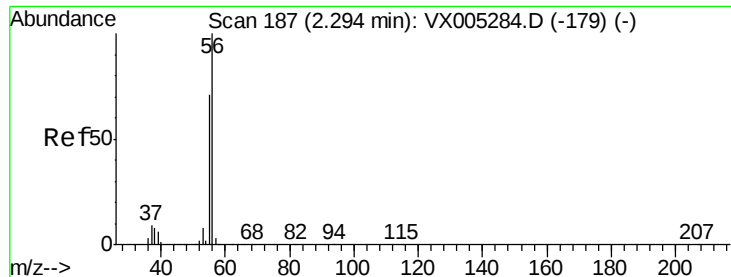


#12

1,1-Dichloroethene  
Concen: 49.779 ug/l  
RT: 2.37 min Scan# 200  
Delta R.T. -0.00 min  
Lab File: VX005329.D  
Acq: 15 Oct 2018 08:15

Tgt Ion: 96 Resp: 127517  
Ion Ratio Lower Upper  
96 100  
61 162.2 128.8 193.2  
98 65.5 52.2 78.2





#13

Acrolein

Concen: 210.628 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

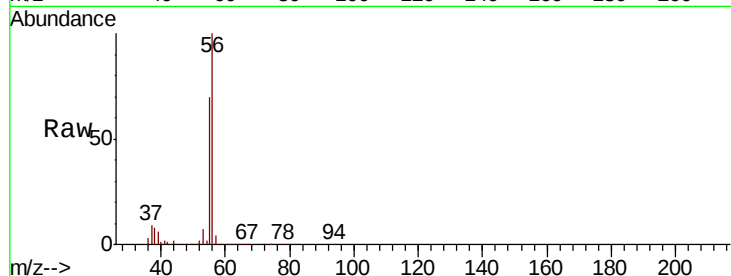
Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion: 56 Resp: 123272

Ion Ratio Lower Upper

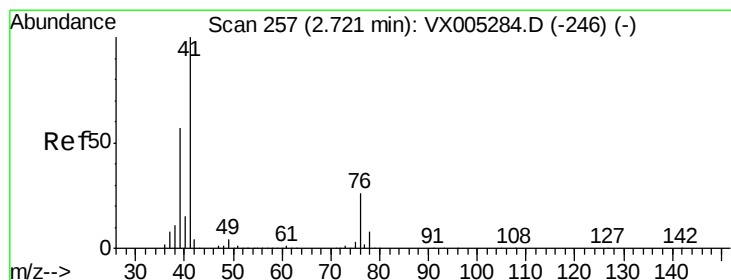
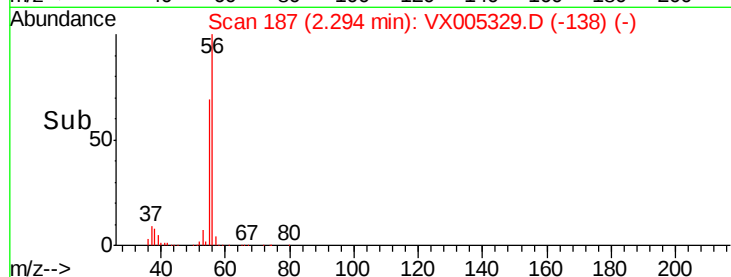
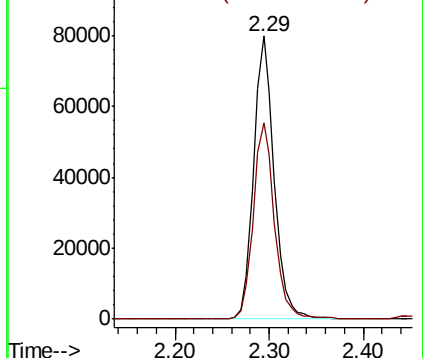
56 100

55 70.9 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 49.202 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

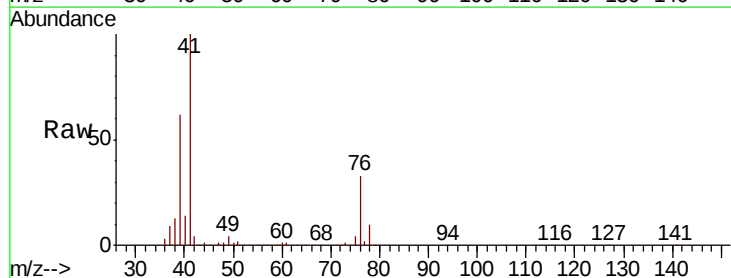
Tgt Ion: 41 Resp: 276719

Ion Ratio Lower Upper

41 100

39 59.2 48.9 73.3

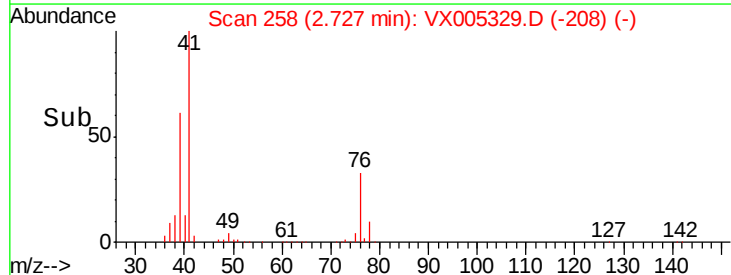
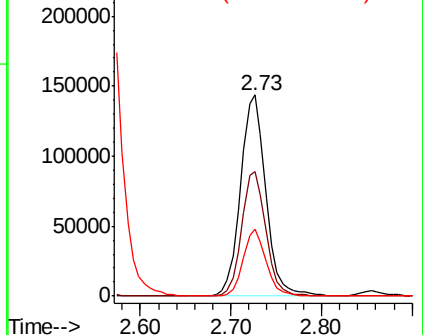
76 30.0 26.7 40.1



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 230.770 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA\_X

ClientSampleId :

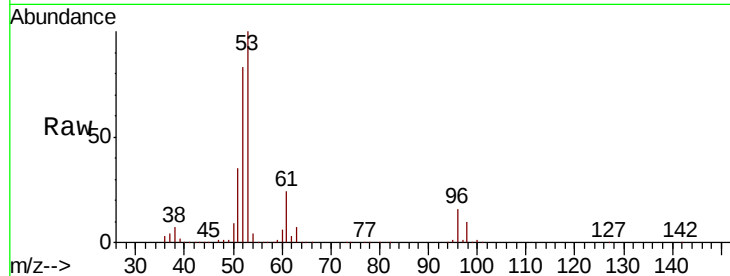
Tot Ion: 53 Resp: 478846

Ion Ratio Lower Upper

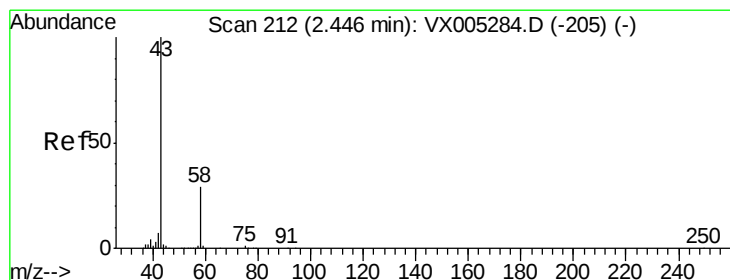
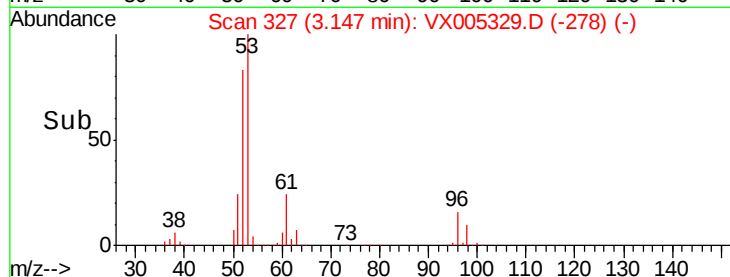
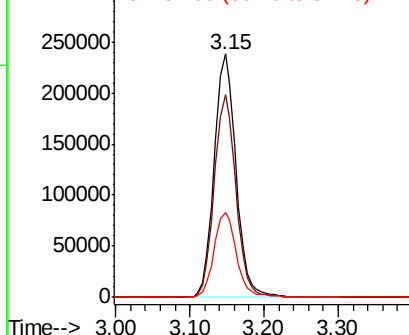
53 100

52 83.3 65.2 97.8

51 35.9 28.2 42.2



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: 239.720 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005329.D

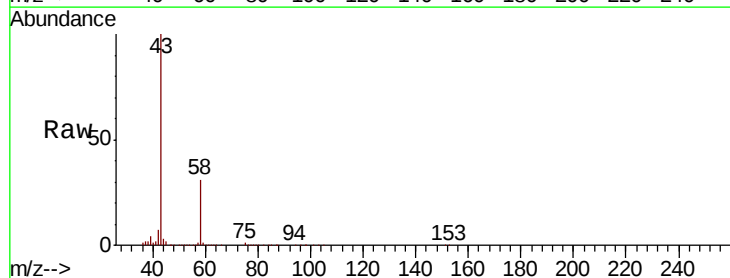
Acq: 15 Oct 2018 08:15

Tgt Ion: 43 Resp: 449922

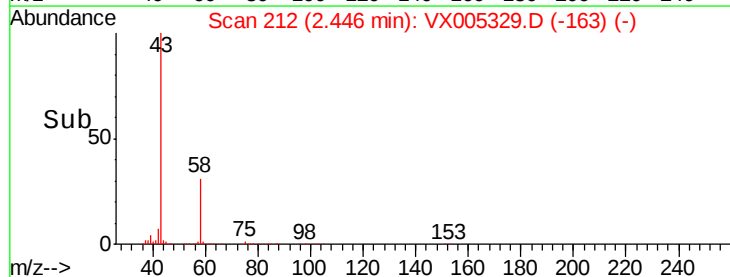
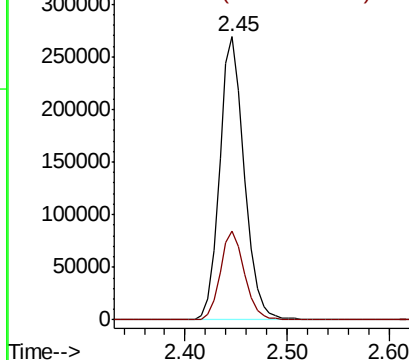
Ion Ratio Lower Upper

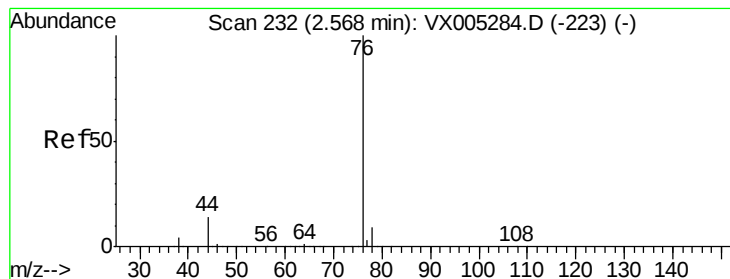
43 100

58 31.2 26.2 39.4



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





#17

Carbon Disulfide

Concen: 49.176 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA\_X

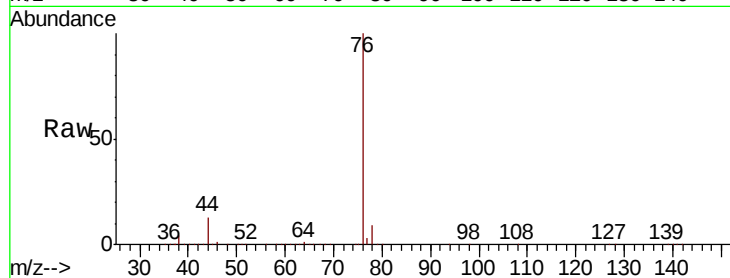
ClientSampled :

Tot Ion: 76 Resp: 381612

Ion Ratio Lower Upper

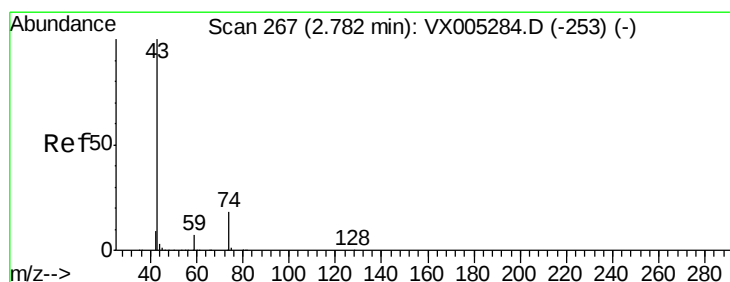
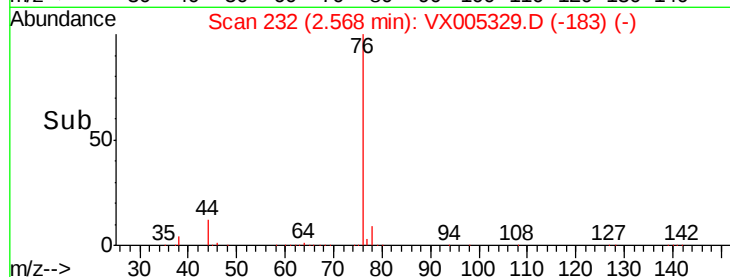
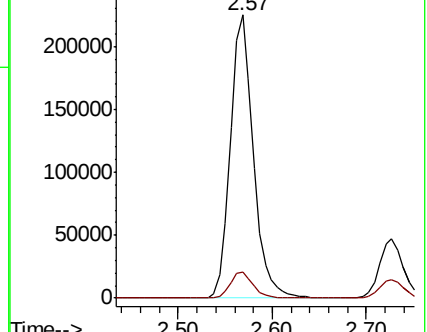
76 100

78 9.1 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 46.955 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005329.D

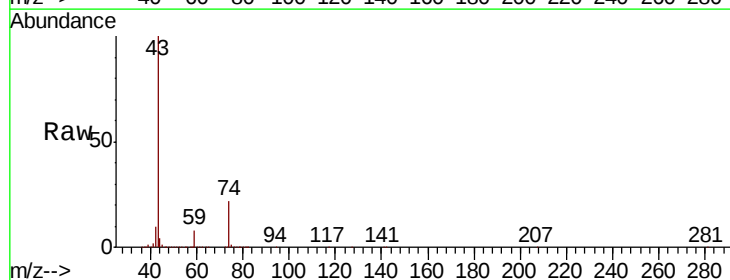
Acq: 15 Oct 2018 08:15

Tgt Ion: 43 Resp: 250723

Ion Ratio Lower Upper

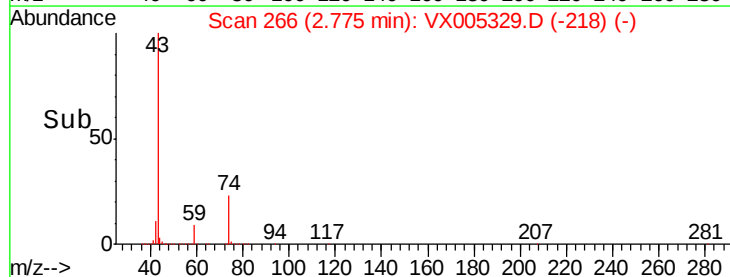
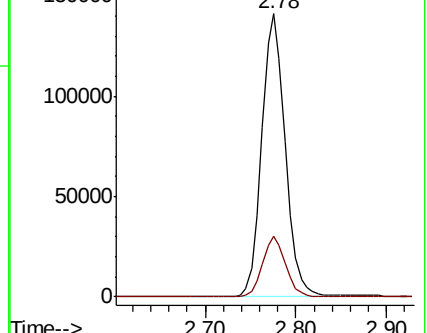
43 100

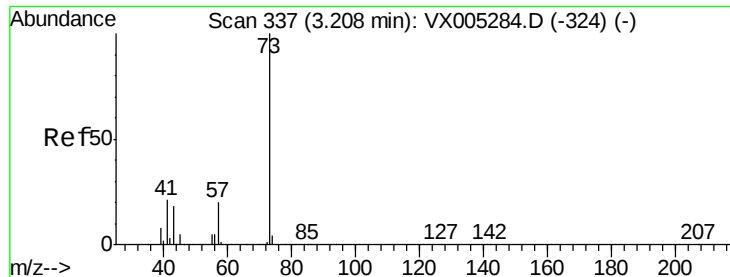
74 21.5 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

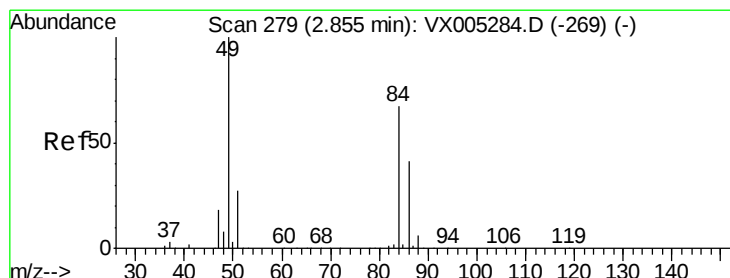
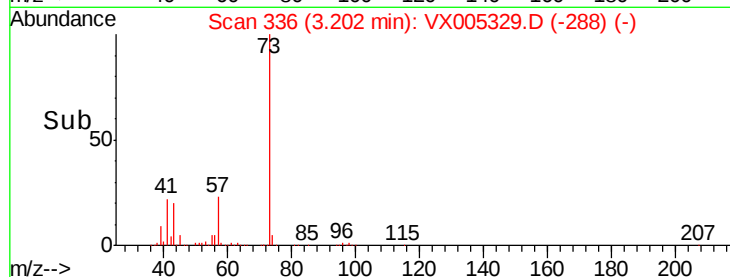
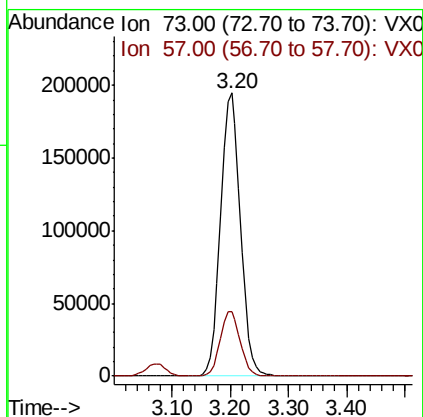
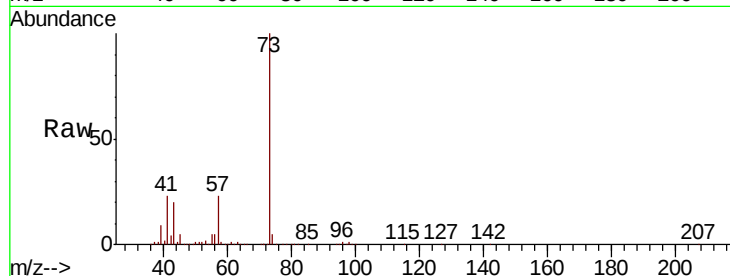




#19  
Methyl tert-butyl Ether  
Concen: 50.941 ug/l  
RT: 3.20 min Scan# 336  
Delta R.T. -0.01 min  
Lab File: VX005329.D  
Acq: 15 Oct 2018 08:15

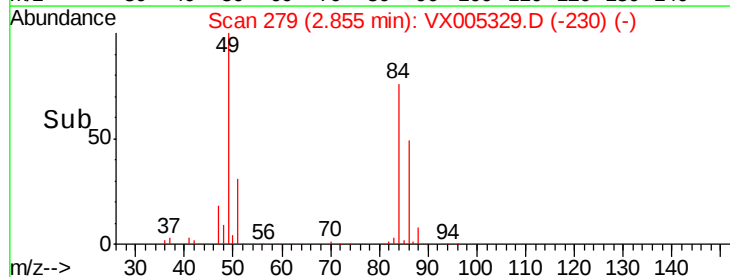
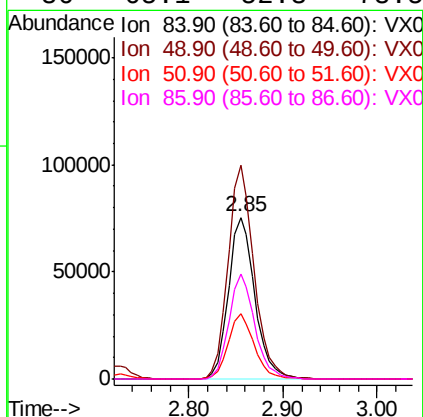
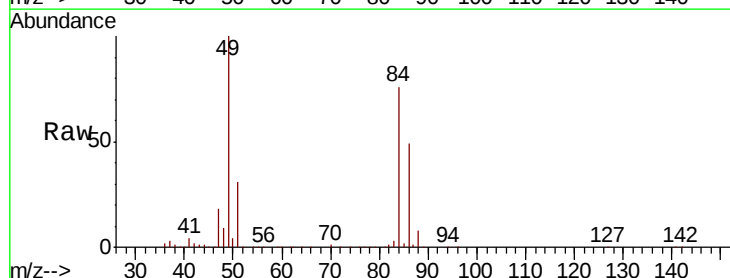
Instrument :  
MSVOA\_X  
ClientSampled :

Tot Ion: 73 Resp: 459590  
Ion Ratio Lower Upper  
73 100  
57 22.8 17.1 25.7



#20  
Methylene Chloride  
Concen: 53.589 ug/l  
RT: 2.85 min Scan# 279  
Delta R.T. 0.00 min  
Lab File: VX005329.D  
Acq: 15 Oct 2018 08:15

Tgt Ion: 84 Resp: 146294  
Ion Ratio Lower Upper  
84 100  
49 132.3 101.2 151.8  
51 40.6 29.5 44.3  
86 65.1 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 48.769 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :  
MSVOA\_X  
ClientSampled :

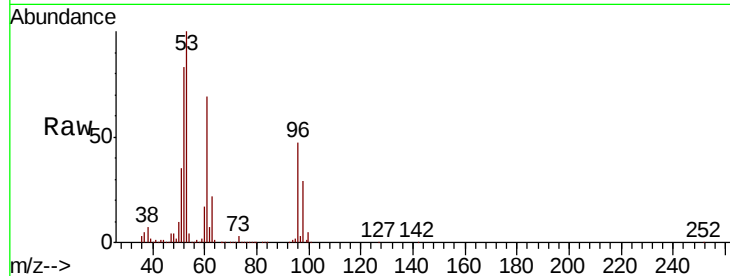
Tot Ion: 96 Resp: 138449

Ion Ratio Lower Upper

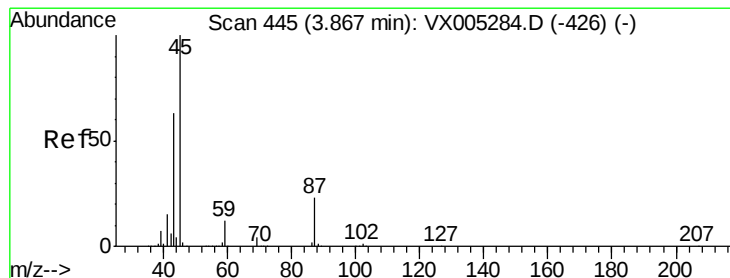
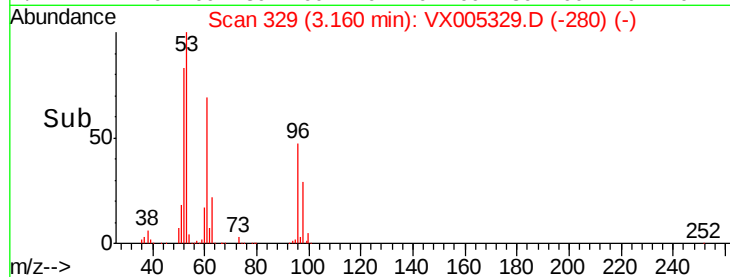
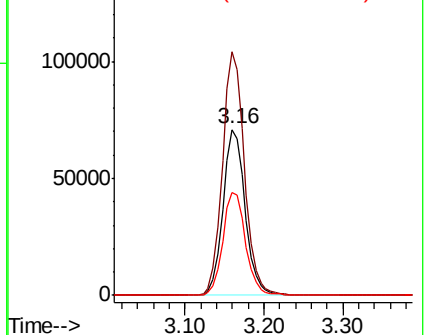
96 100

61 146.7 113.8 170.6

98 61.7 51.8 77.8



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: 52.616 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Tgt Ion: 45 Resp: 497043

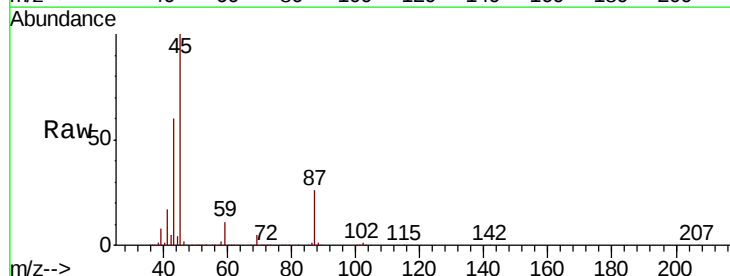
Ion Ratio Lower Upper

45 100

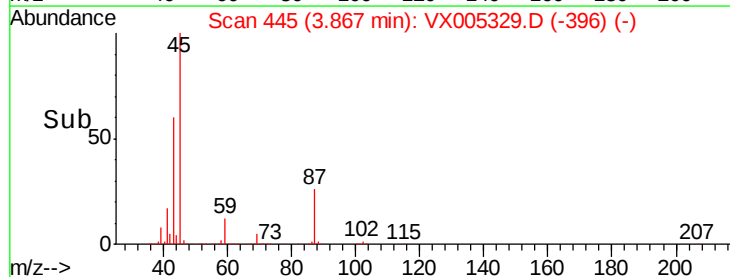
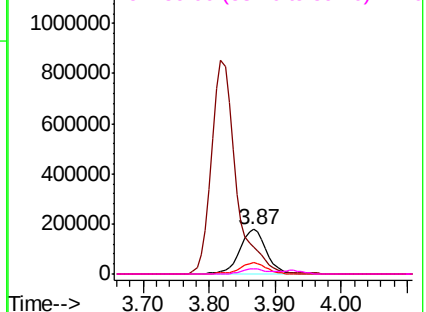
43 59.9 42.8 64.2

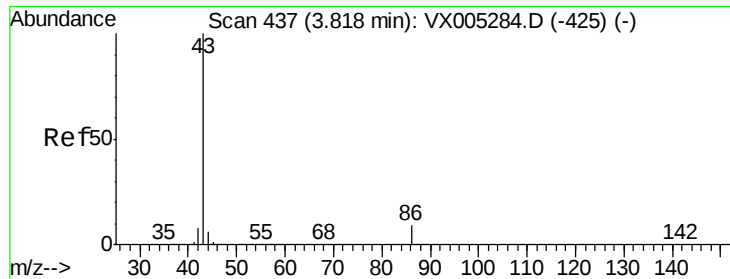
87 26.1 22.6 34.0

59 11.5 9.6 14.4



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

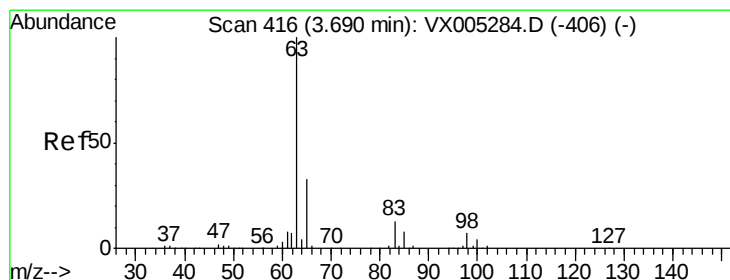
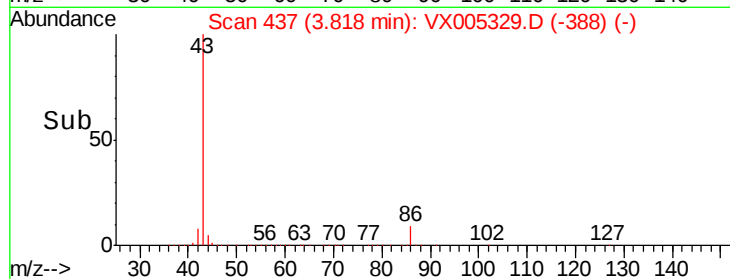
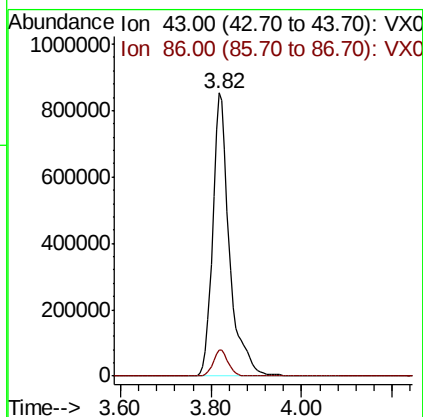
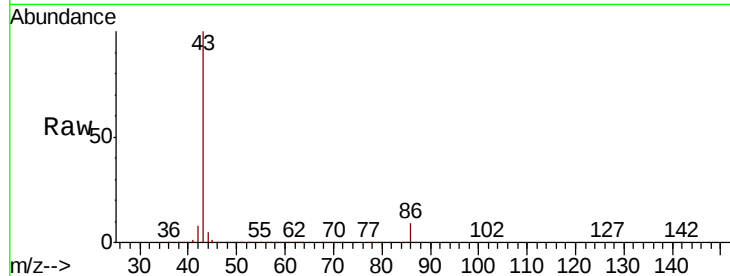




#23  
 Vinyl Acetate  
 Concen: 267.546 ug/l  
 RT: 3.82 min Scan# 437  
 Delta R.T. -0.00 min  
 Lab File: VX005329.D  
 Acq: 15 Oct 2018 08:15

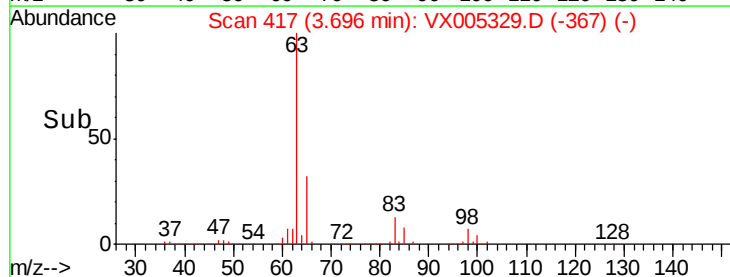
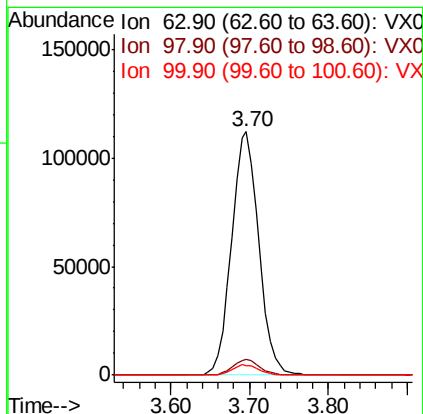
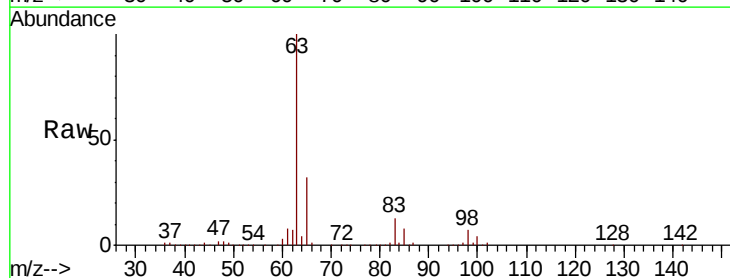
Instrument :  
 MSVOA\_X  
 ClientSampleId :

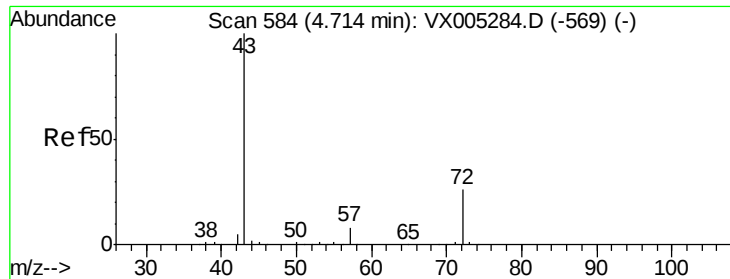
Tot Ion: 43 Resp: 2209023  
 Ion Ratio Lower Upper  
 43 100  
 86 9.3 8.9 13.3



#24  
 1,1-Dichloroethane  
 Concen: 49.538 ug/l  
 RT: 3.70 min Scan# 417  
 Delta R.T. 0.01 min  
 Lab File: VX005329.D  
 Acq: 15 Oct 2018 08:15

Tgt Ion: 63 Resp: 268196  
 Ion Ratio Lower Upper  
 63 100  
 98 6.5 3.5 10.4  
 100 3.9 2.4 7.1





#25

2-Butanone

Concen: 229.307 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.02 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA\_X

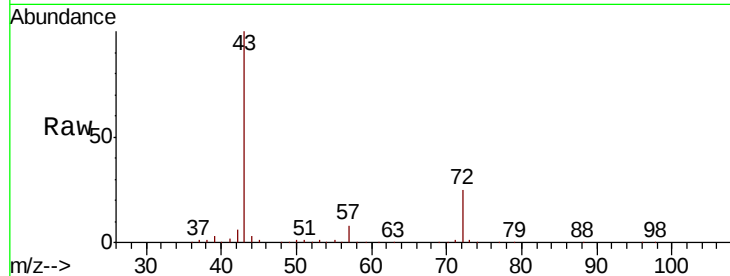
ClientSampleId :

Tot Ion: 43 Resp: 629693

Ion Ratio Lower Upper

43 100

72 24.5 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX005284.D (-569) (-)

Ion 72.00 (71.70 to 72.70): VX005284.D (-569) (-)

4.70

250000

200000

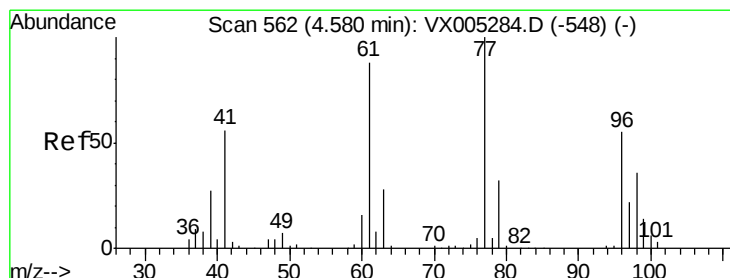
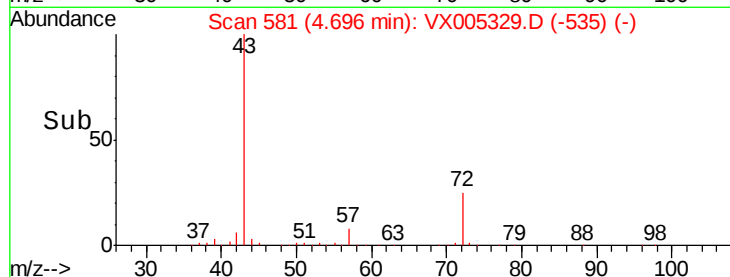
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 51.199 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX005329.D

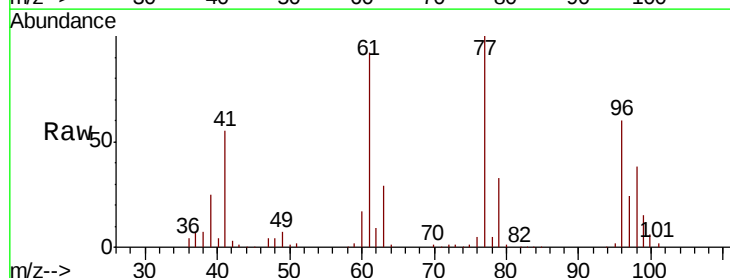
Acq: 15 Oct 2018 08:15

Tgt Ion: 77 Resp: 207306

Ion Ratio Lower Upper

77 100

97 23.1 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX005284.D (-548) (-)

Ion 96.90 (96.60 to 97.60): VX005284.D (-548) (-)

4.58

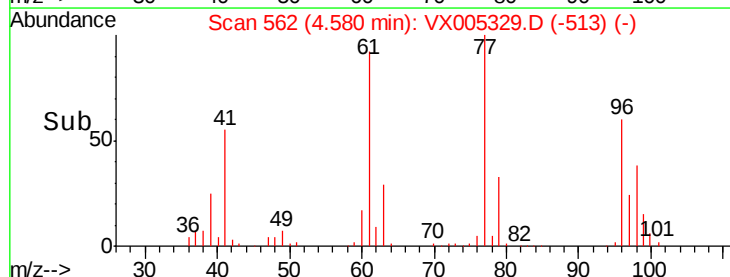
60000

40000

20000

0

Time-->



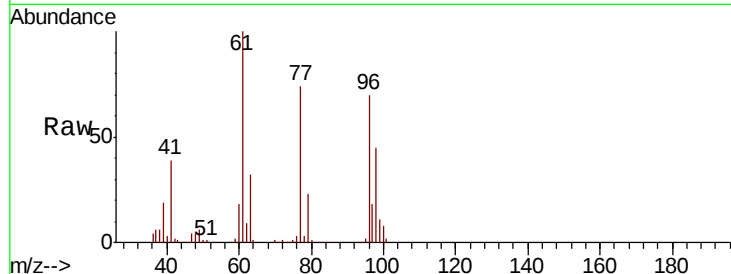


#27

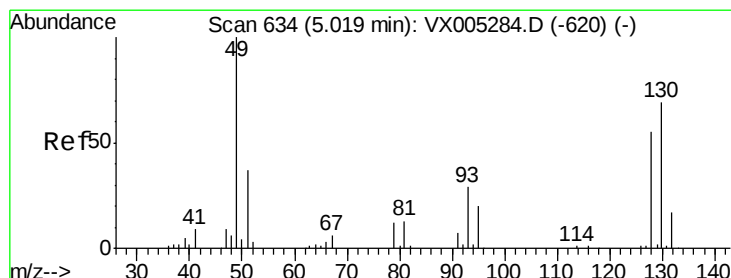
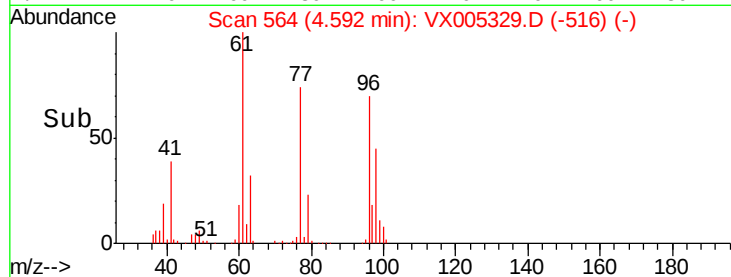
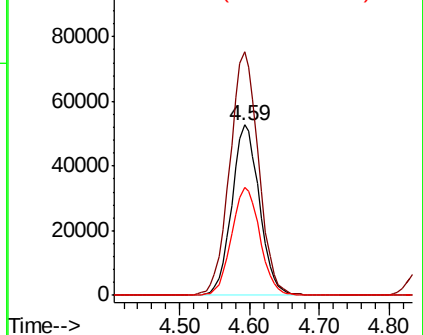
cis-1,2-Dichloroethene  
Concen: 46.981 ug/l  
RT: 4.59 min Scan# 564  
Delta R.T. -0.01 min  
Lab File: VX005329.D  
Acq: 15 Oct 2018 08:15

Instrument :  
MSVOA\_X  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 148.6 | 0.0   | 282.6 |
| 98      | 64.9  | 0.0   | 130.2 |



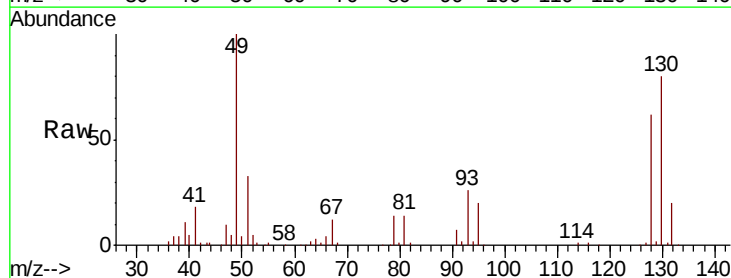
Abundance Ion 95.90 (95.60 to 96.60): VX0  
Ion 60.90 (60.60 to 61.60): VX0  
Ion 97.90 (97.60 to 98.60): VX0



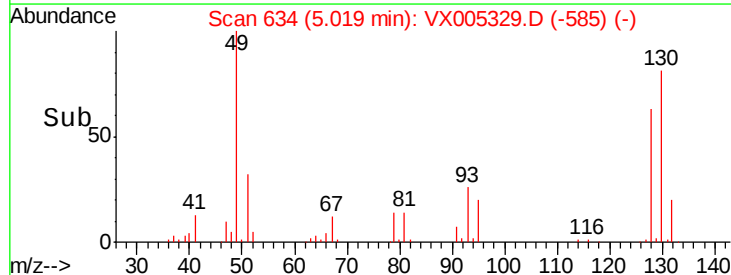
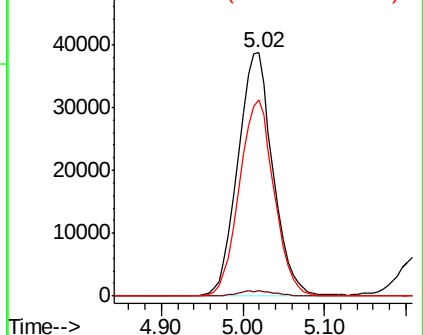
#28

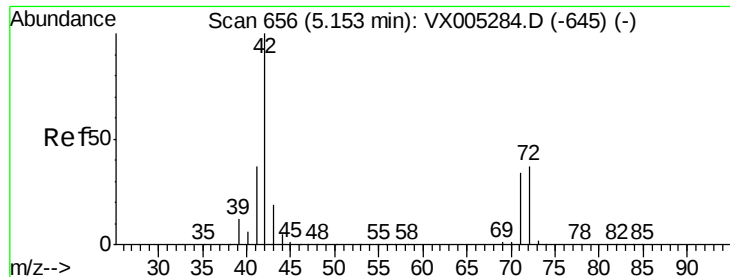
Bromochloromethane  
Concen: 46.798 ug/l  
RT: 5.02 min Scan# 634  
Delta R.T. -0.00 min  
Lab File: VX005329.D  
Acq: 15 Oct 2018 08:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.2   | 0.0   | 4.2   |
| 130     | 79.8  | 67.5  | 101.3 |



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





#29

Tetrahydrofuran

Concen: 226.688 ug/l

RT: 5.15 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA\_X

ClientSampleId :

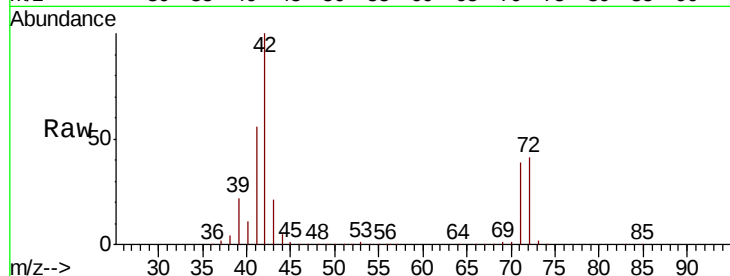
Tot Ion: 42 Resp: 397077

Ion Ratio Lower Upper

42 100

72 41.6 37.4 56.0

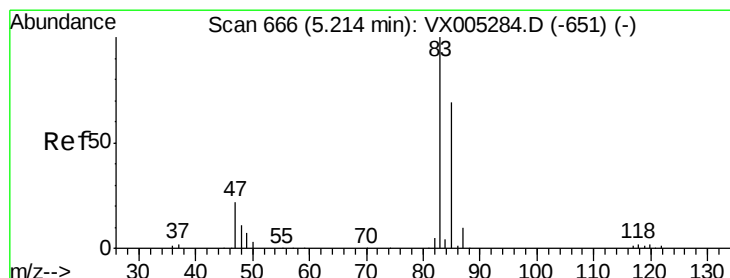
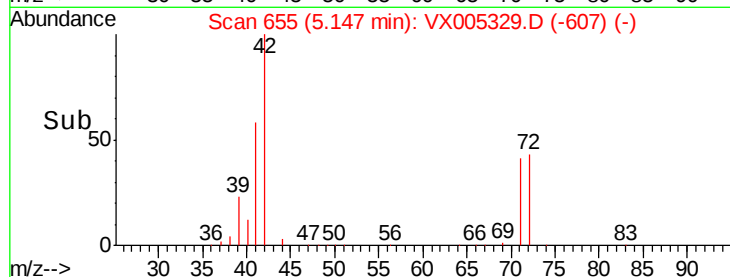
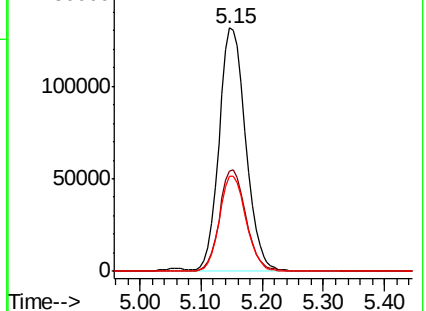
71 39.2 34.5 51.7



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: 47.793 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX005329.D

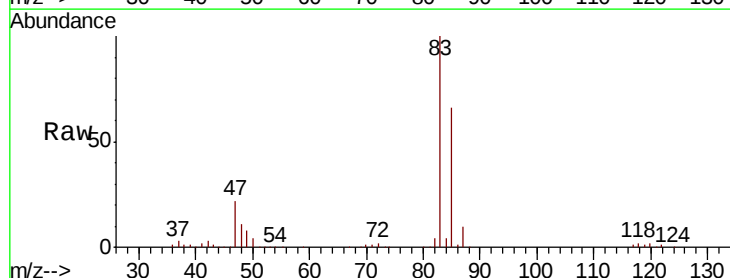
Acq: 15 Oct 2018 08:15

Tgt Ion: 83 Resp: 240166

Ion Ratio Lower Upper

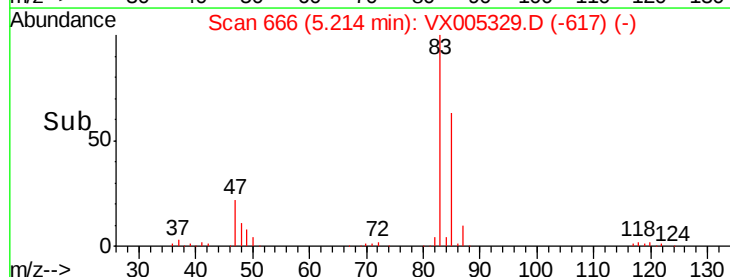
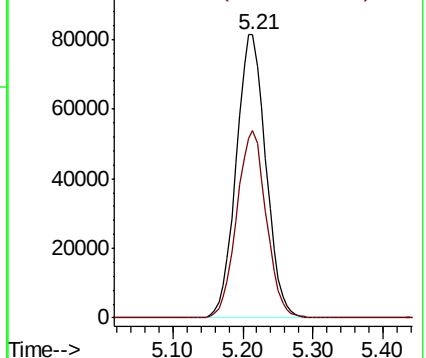
83 100

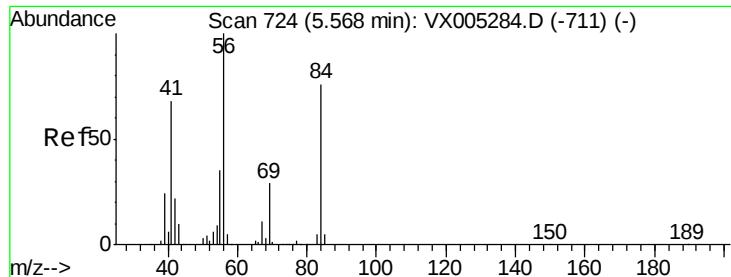
85 66.4 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

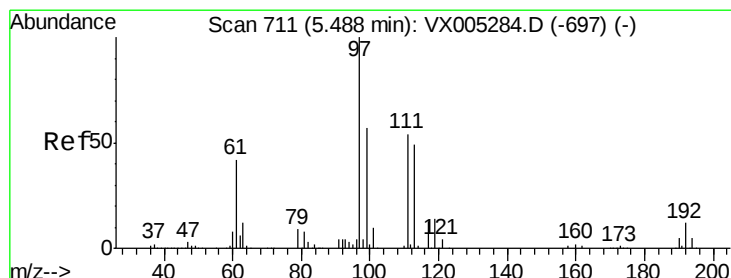
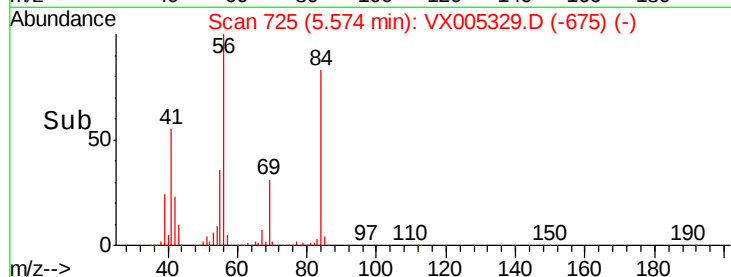
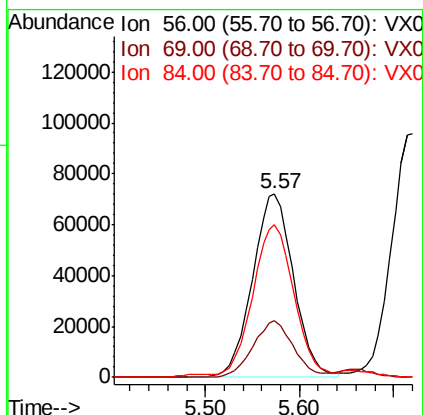
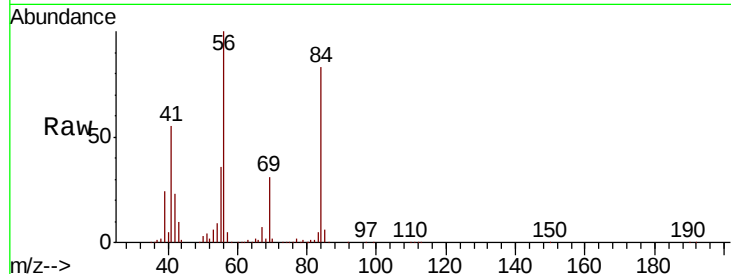




#31  
Cyclohexane  
Concen: 49.117 ug/l  
RT: 5.57 min Scan# 725  
Delta R.T. 0.01 min  
Lab File: VX005329.D  
Acq: 15 Oct 2018 08:15

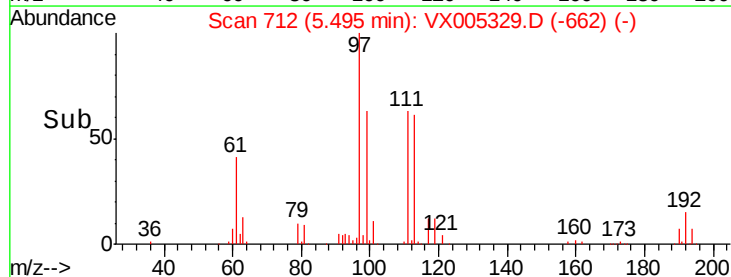
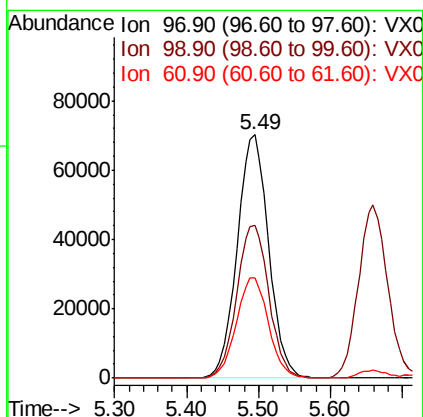
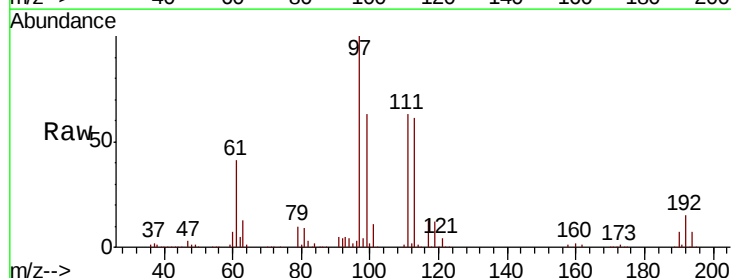
Instrument :  
MSVOA\_X  
ClientSampleId :

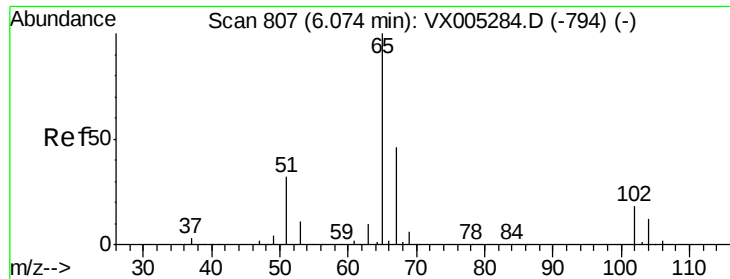
Tot Ion: 56 Resp: 219169  
Ion Ratio Lower Upper  
56 100  
69 30.9 25.4 38.2  
84 82.2 71.4 107.2



#32  
1,1,1-Trichloroethane  
Concen: 48.637 ug/l  
RT: 5.49 min Scan# 712  
Delta R.T. 0.01 min  
Lab File: VX005329.D  
Acq: 15 Oct 2018 08:15

Tgt Ion: 97 Resp: 212662  
Ion Ratio Lower Upper  
97 100  
99 64.2 52.0 78.0  
61 42.5 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 47.143 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA\_X

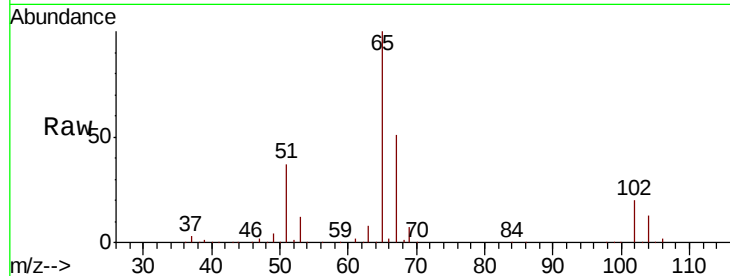
ClientSampleId :

Tot Ion: 65 Resp: 153033

Ion Ratio Lower Upper

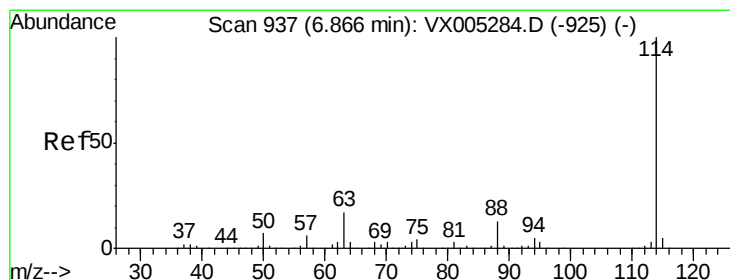
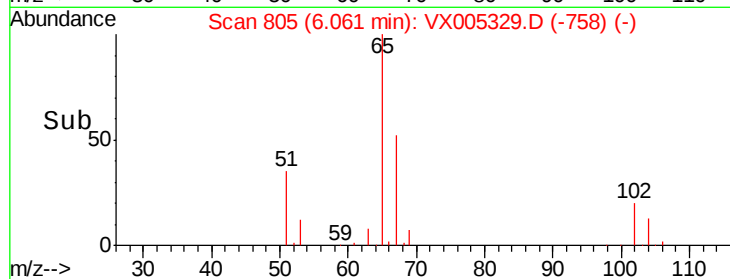
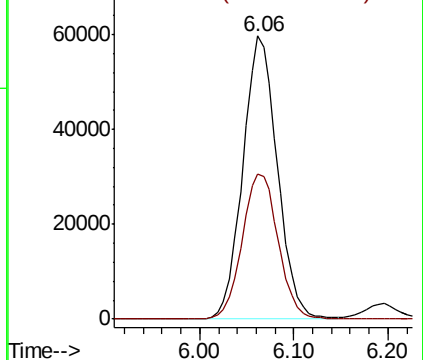
65 100

67 53.6 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.01 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

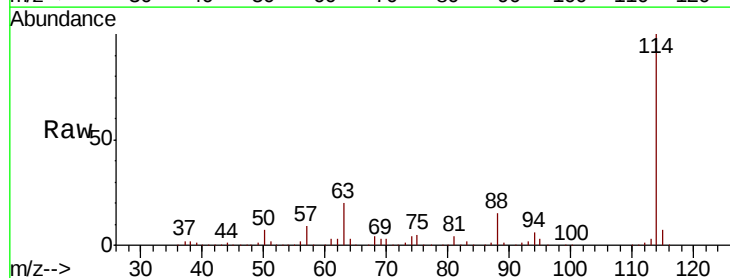
Tgt Ion: 114 Resp: 407703

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.0

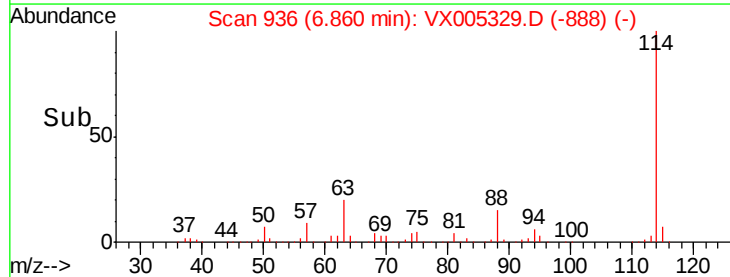
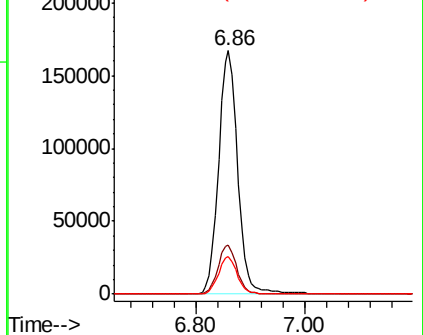
88 15.4 0.0 30.4

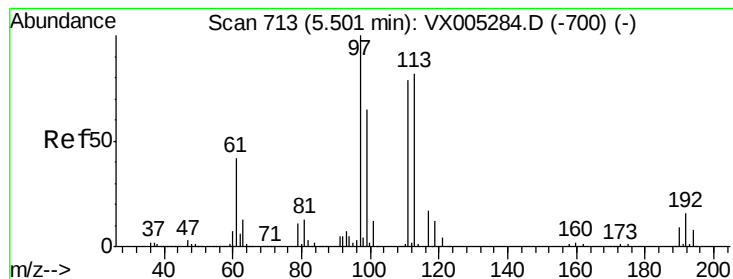


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.133 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA\_X

ClientSampleId :

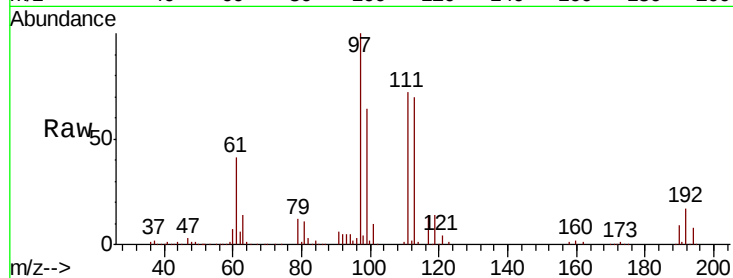
Tot Ion:113 Resp: 127273

Ion Ratio Lower Upper

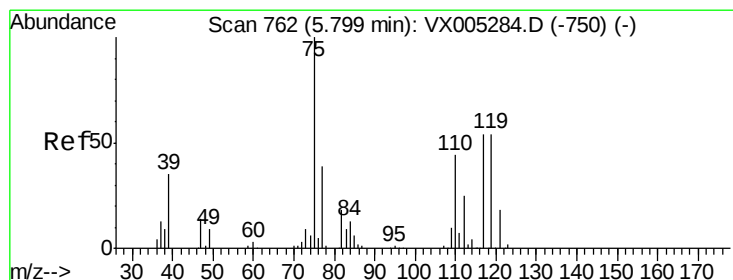
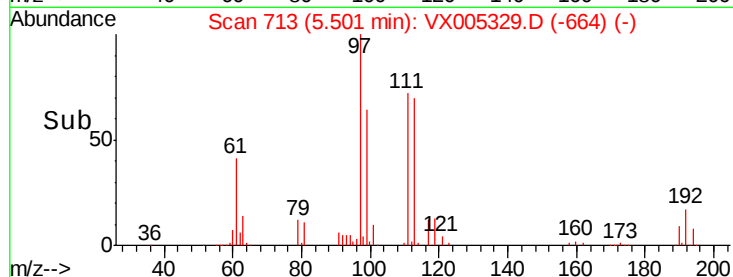
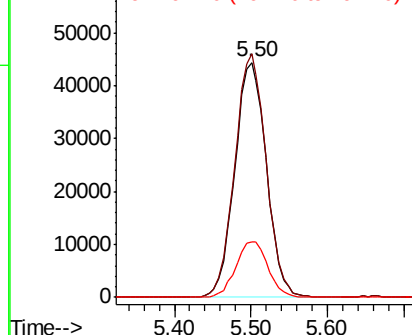
113 100

111 102.5 82.4 123.6

192 24.1 19.4 29.2



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



#36

1,1-Dichloropropene

Concen: 47.870 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

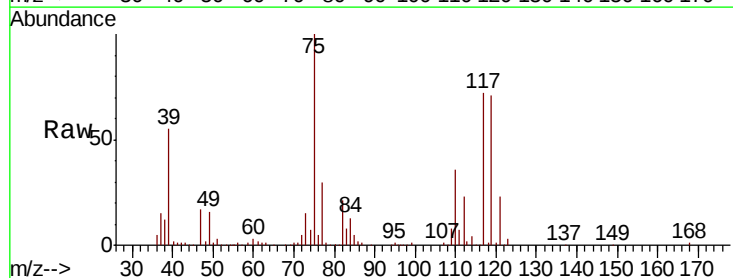
Tgt Ion: 75 Resp: 189018

Ion Ratio Lower Upper

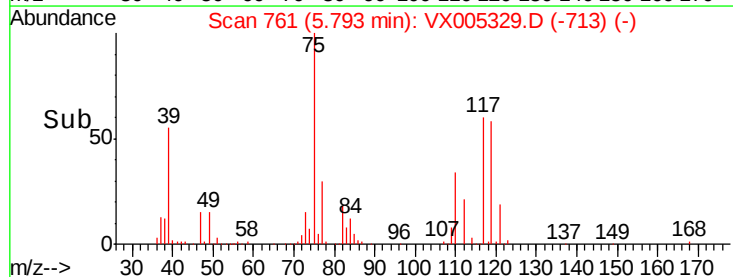
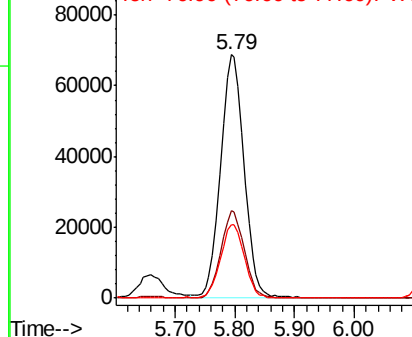
75 100

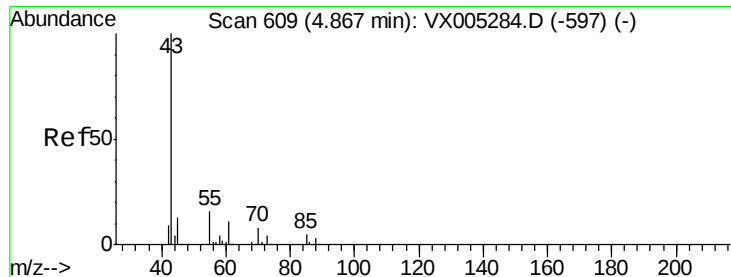
110 35.4 18.0 54.0

77 30.4 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): VX0  
Ion 109.90 (109.60 to 110.60): V  
Ion 76.90 (76.60 to 77.60): VX0

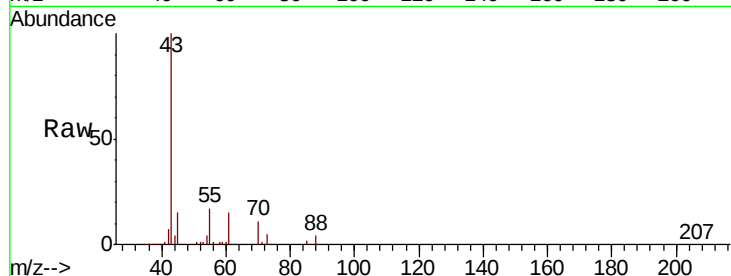




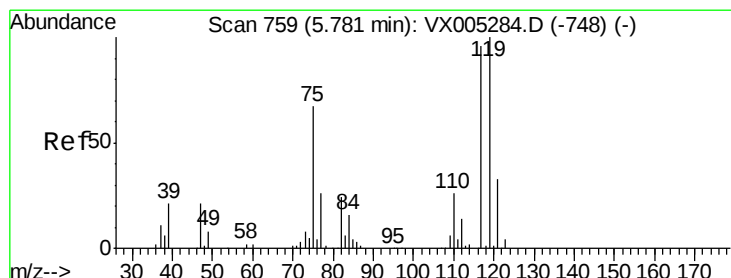
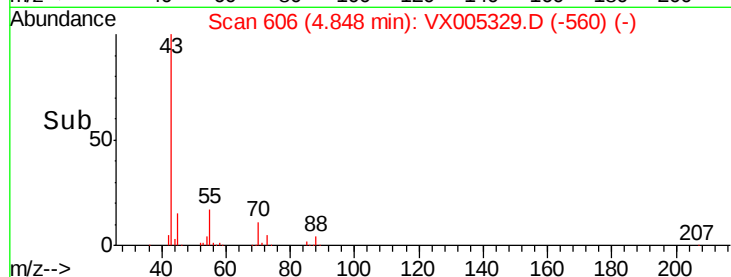
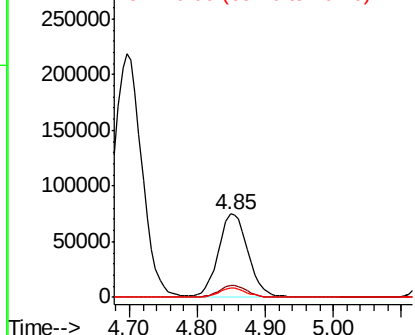
#37  
Ethyl Acetate  
Concen: 44.536 ug/l  
RT: 4.85 min Scan# 606  
Delta R.T. -0.02 min  
Lab File: VX005329.D  
Acq: 15 Oct 2018 08:15

Instrument :  
MSVOA\_X  
ClientSampled :

Tot Ion: 43 Resp: 226152  
Ion Ratio Lower Upper  
43 100  
61 13.8 11.5 17.3  
70 10.5 9.0 13.6

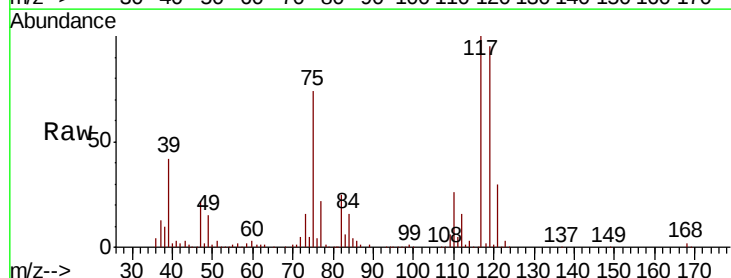


Abundance Ion 43.00 (42.70 to 43.70): VX0  
Ion 60.90 (60.60 to 61.60): VX0  
Ion 70.00 (69.70 to 70.70): VX0

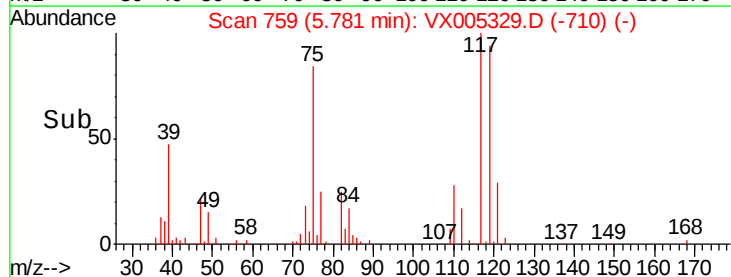
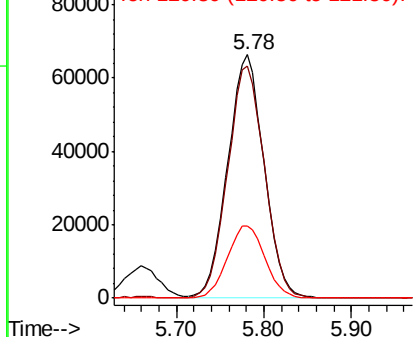


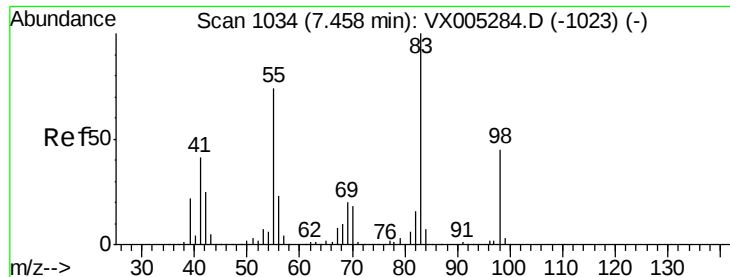
#38  
Carbon Tetrachloride  
Concen: 48.370 ug/l  
RT: 5.78 min Scan# 759  
Delta R.T. -0.00 min  
Lab File: VX005329.D  
Acq: 15 Oct 2018 08:15

Tgt Ion: 117 Resp: 191909  
Ion Ratio Lower Upper  
117 100  
119 95.3 78.8 118.2  
121 29.7 24.9 37.3



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

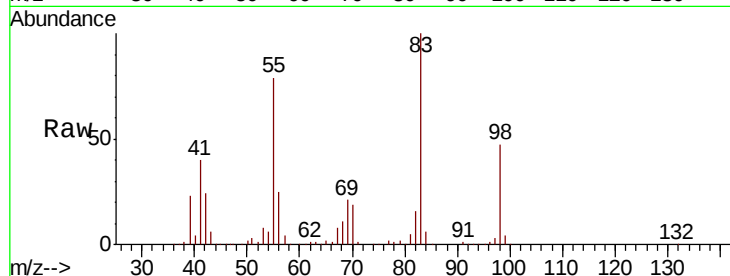




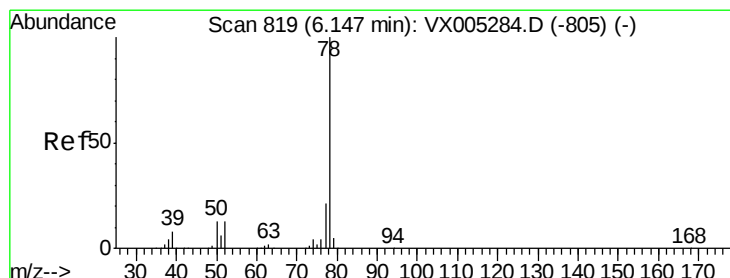
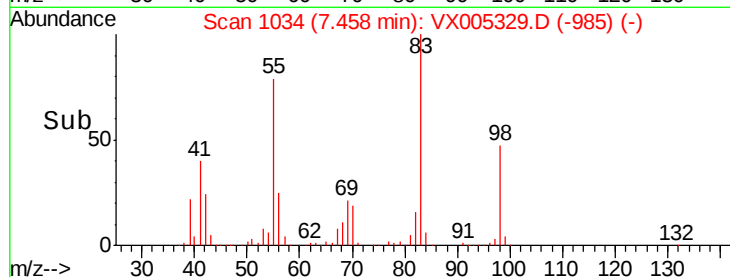
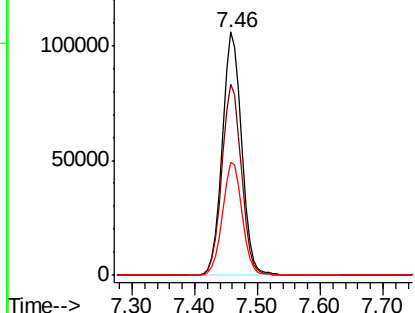
#39  
Methvlcvclohexane  
Concen: 53.052 ug/l  
RT: 7.46 min Scan# 1034  
Delta R.T. -0.00 min  
Lab File: VX005329.D  
Acq: 15 Oct 2018 08:15

Instrument :  
MSVOA\_X  
ClientSampled :

Tot Ion: 83 Resp: 226719  
Ion Ratio Lower Upper  
83 100  
55 78.5 61.0 91.4  
98 46.6 39.6 59.4

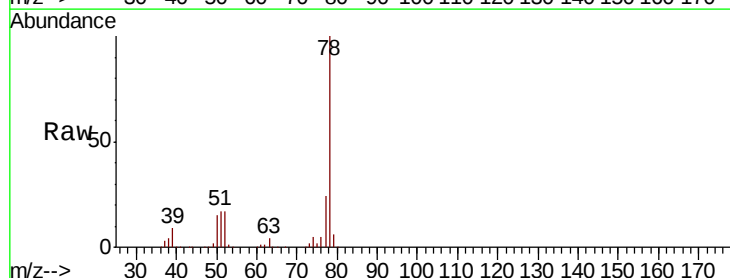


Abundance Ion 83.00 (82.70 to 83.70): VX0  
Ion 55.00 (54.70 to 55.70): VX0  
Ion 98.00 (97.70 to 98.70): VX0

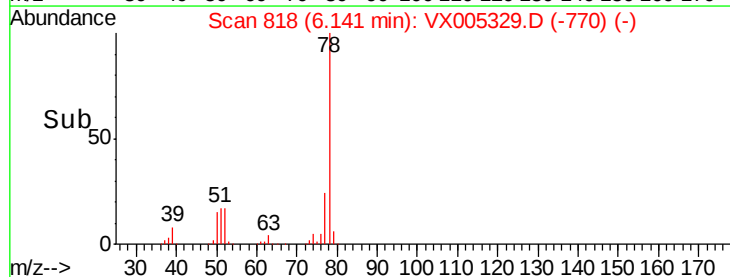
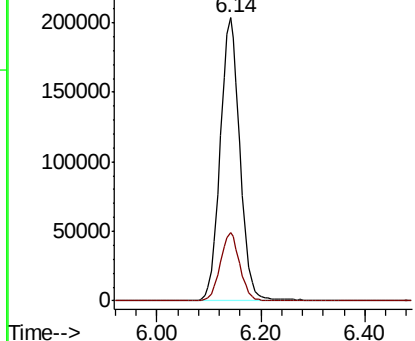


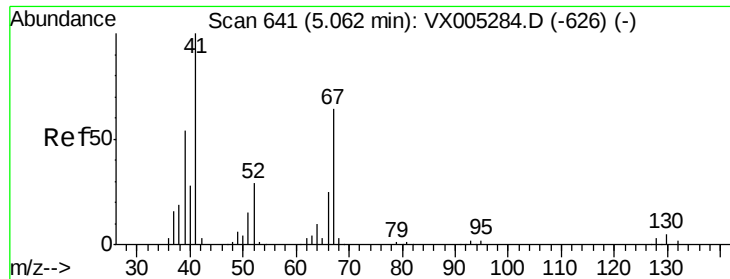
#40  
Benzene  
Concen: 45.783 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. -0.01 min  
Lab File: VX005329.D  
Acq: 15 Oct 2018 08:15

Tgt Ion: 78 Resp: 542300  
Ion Ratio Lower Upper  
78 100  
77 24.2 19.0 28.4



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

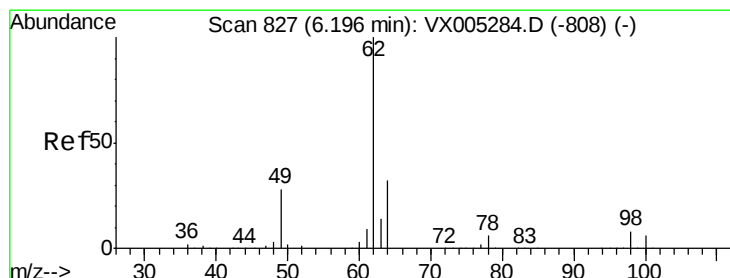
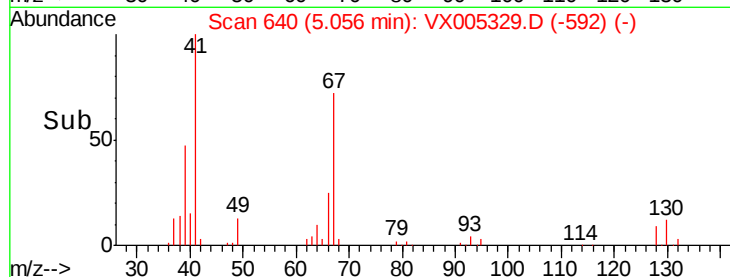
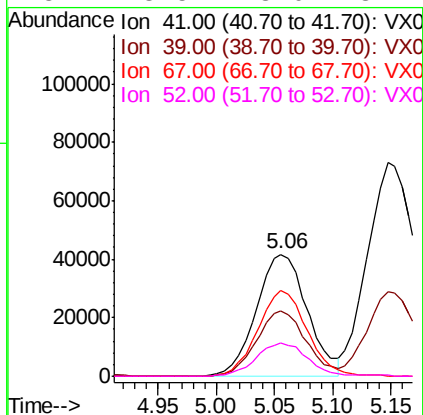
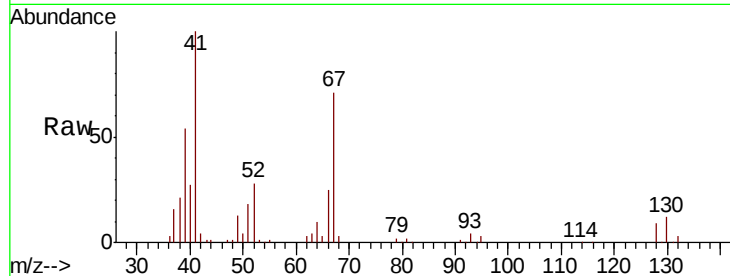




#41  
Methacrylonitrile  
Concen: 46.293 ug/l  
RT: 5.06 min Scan# 640  
Delta R.T. -0.01 min  
Lab File: VX005329.D  
Acq: 15 Oct 2018 08:15

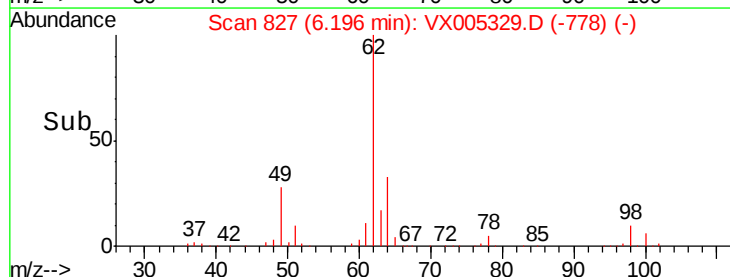
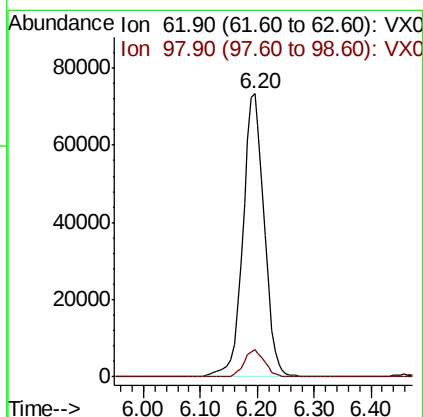
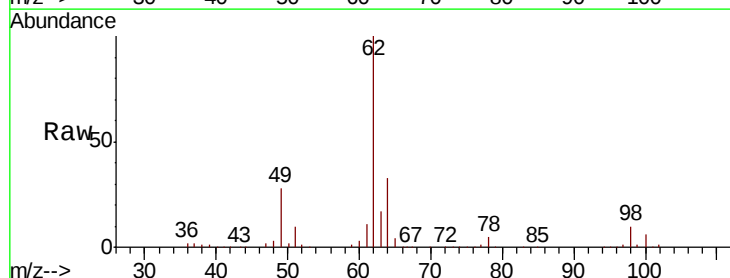
Instrument :  
MSVOA\_X  
ClientSampled :

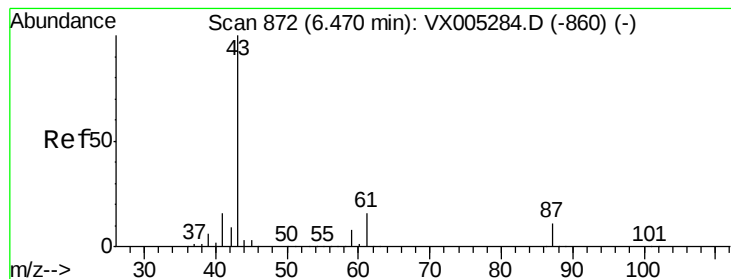
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 41    | Resp: | 126025 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 52.2  | 42.4  | 63.6   |
| 67       | 68.5  | 59.2  | 88.8   |
| 52       | 28.5  | 23.0  | 34.4   |



#42  
1,2-Dichloroethane  
Concen: 45.806 ug/l  
RT: 6.20 min Scan# 827  
Delta R.T. -0.00 min  
Lab File: VX005329.D  
Acq: 15 Oct 2018 08:15

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 191579 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.1   | 0.0   | 20.6   |



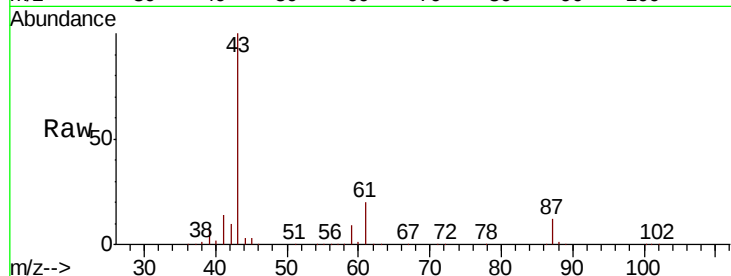


#43

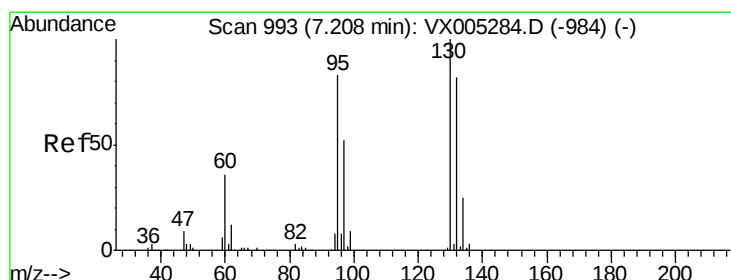
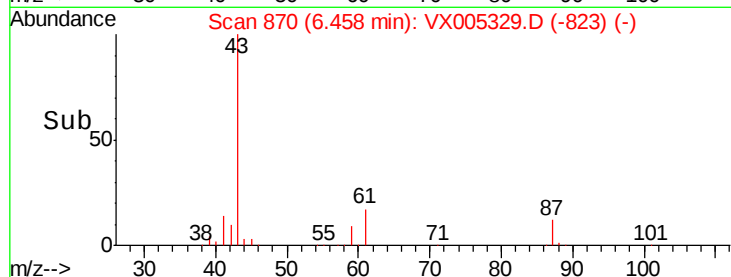
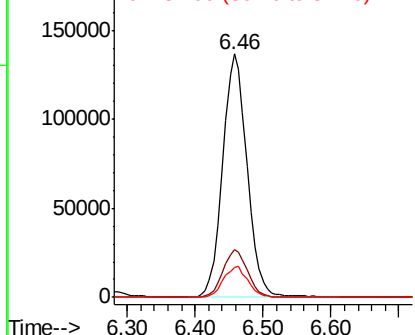
Isopropyl Acetate  
 Concen: 49.999 ug/l  
 RT: 6.46 min Scan# 870  
 Delta R.T. -0.01 min  
 Lab File: VX005329.D  
 Acq: 15 Oct 2018 08:15

Instrument :  
 MSVOA\_X  
 ClientSampleId :

| Tot Ion   | 43    | Resp  | 338208 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 61        | 19.8  | 17.0  | 25.4   |
| 87        | 12.8  | 11.4  | 17.2   |



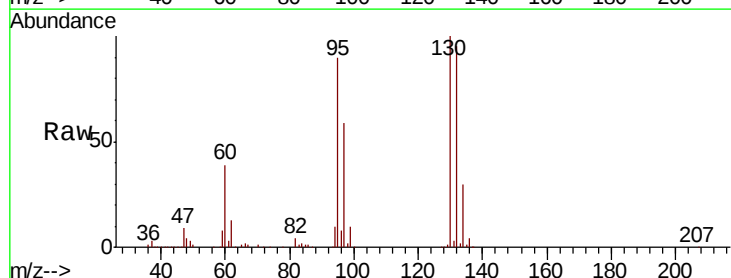
Abundance Ion 43.00 (42.70 to 43.70): VX0  
 Ion 61.00 (60.70 to 61.70): VX0  
 Ion 87.00 (86.70 to 87.70): VX0



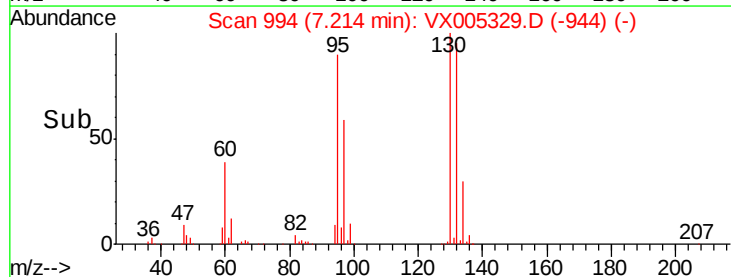
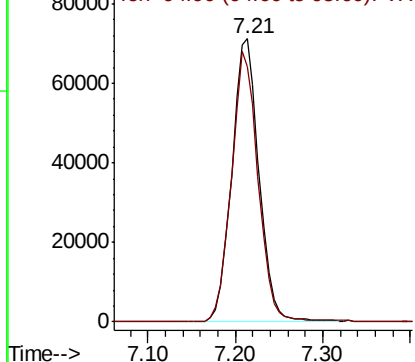
#44

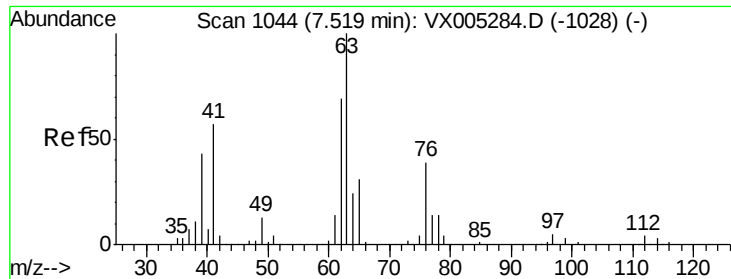
Trichloroethene  
 Concen: 50.802 ug/l  
 RT: 7.21 min Scan# 994  
 Delta R.T. 0.01 min  
 Lab File: VX005329.D  
 Acq: 15 Oct 2018 08:15

| Tgt Ion   | 130   | Resp  | 153616 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 130       | 100   |       |        |
| 95        | 90.4  | 0.0   | 181.6  |



Abundance Ion 129.80 (129.50 to 130.50): V  
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 49.772 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA\_X

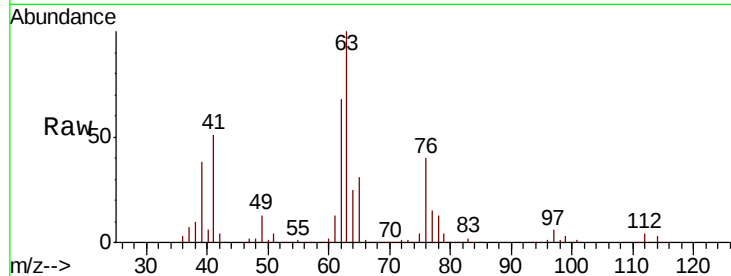
ClientSampled :

Tot Ion: 63 Resp: 144616

Ion Ratio Lower Upper

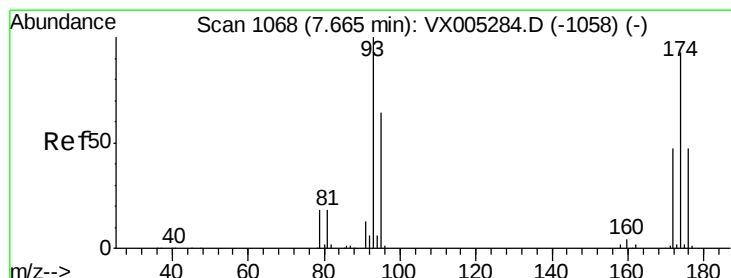
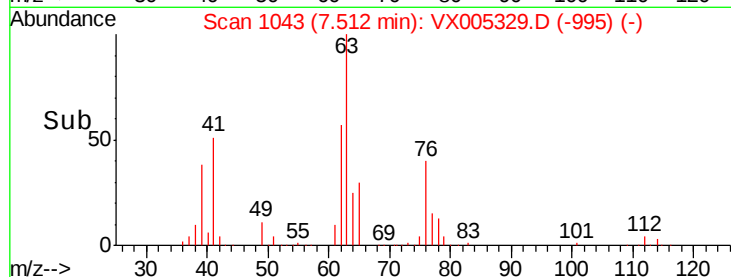
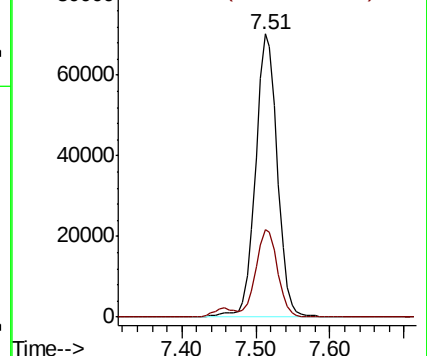
63 100

65 31.0 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 48.684 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

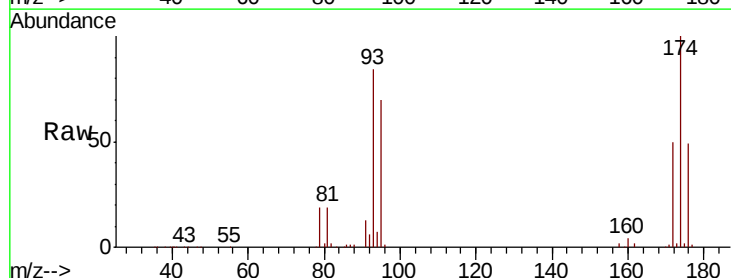
Tgt Ion: 93 Resp: 93361

Ion Ratio Lower Upper

93 100

95 83.1 65.5 98.3

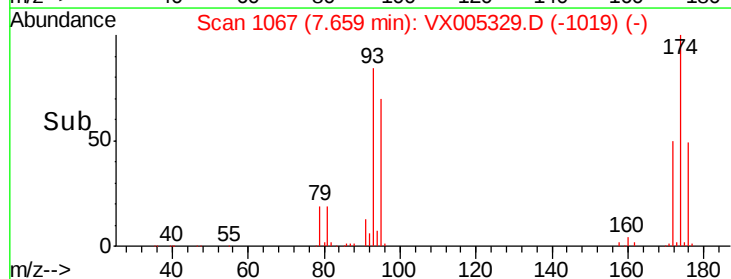
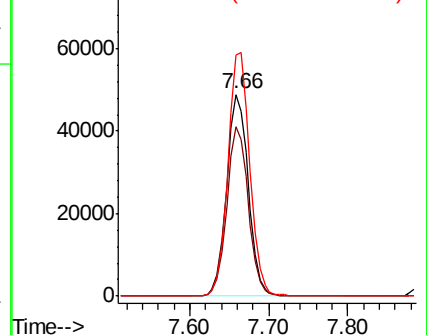
174 121.6 94.2 141.4

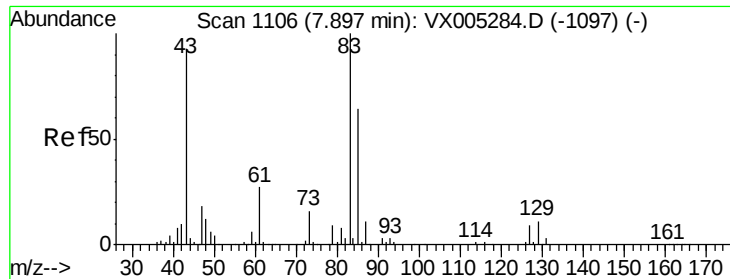


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.530 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA\_X

ClientSampled :

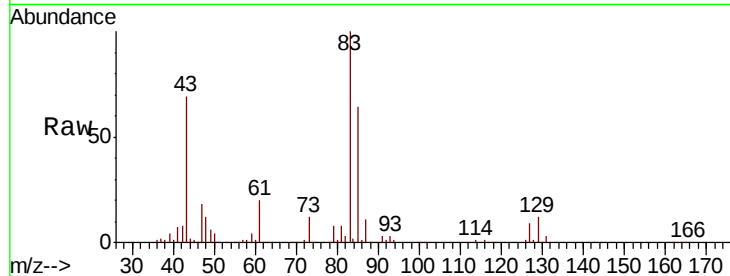
Tot Ion: 83 Resp: 182786

Ion Ratio Lower Upper

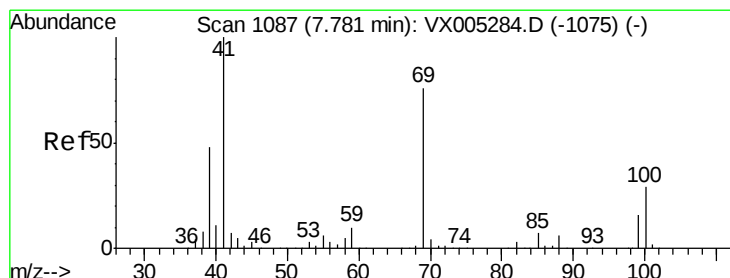
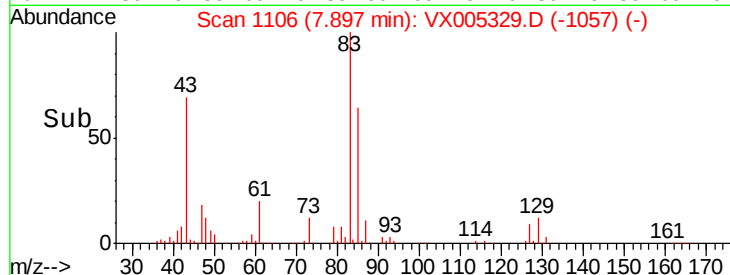
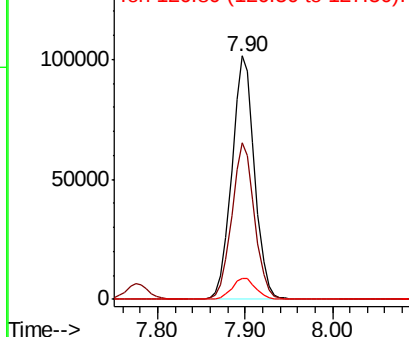
83 100

85 64.2 50.9 76.3

127 8.8 7.3 10.9



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: 51.172 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

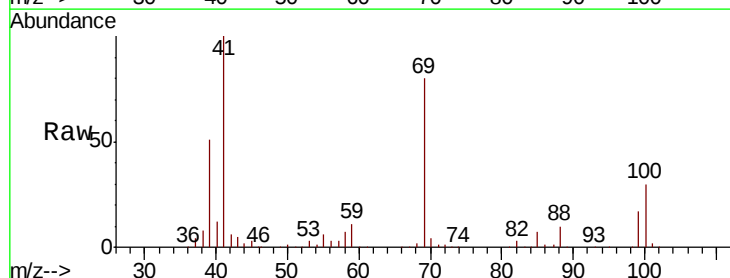
Tgt Ion: 41 Resp: 179527

Ion Ratio Lower Upper

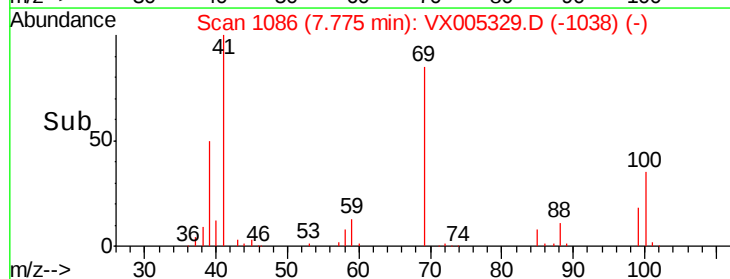
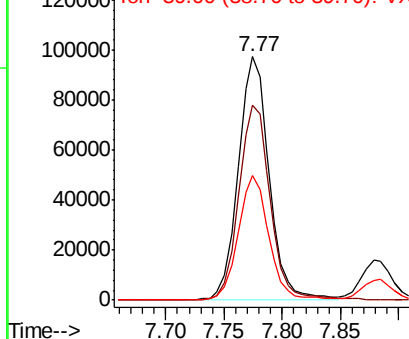
41 100

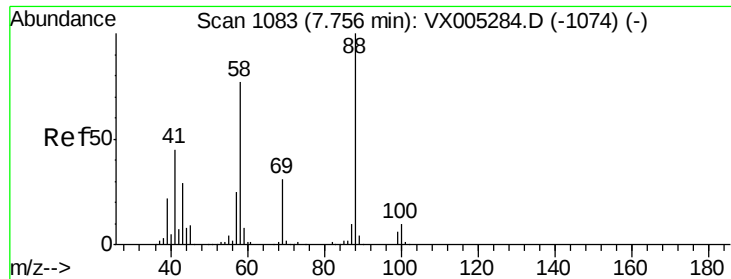
69 81.9 70.2 105.4

39 50.7 42.7 64.1



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

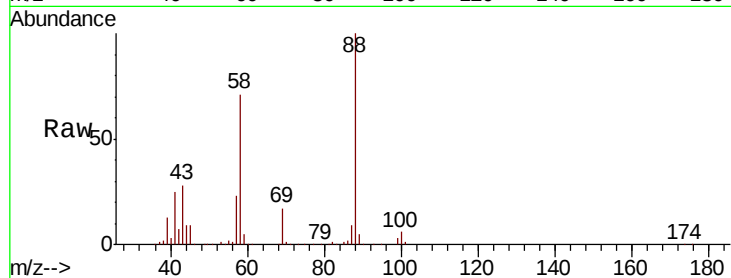




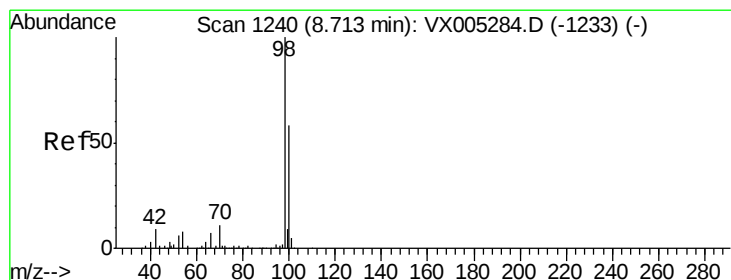
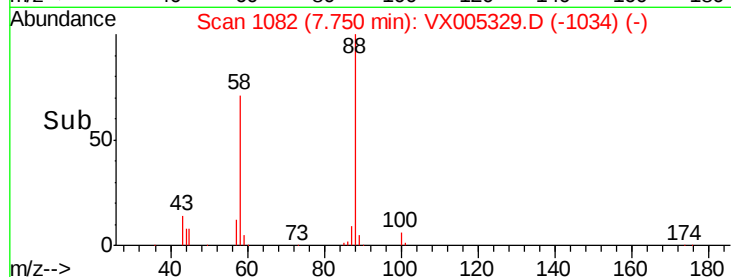
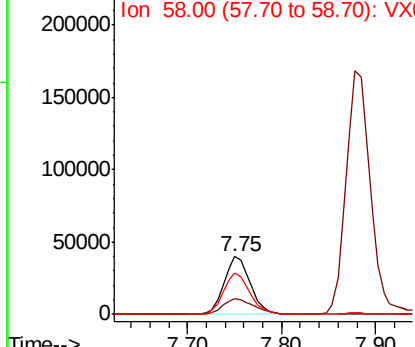
#49  
1,4-Dioxane  
Concen: 949.247 ug/l  
RT: 7.75 min Scan# 1082  
Delta R.T. -0.01 min  
Lab File: VX005329.D  
Acq: 15 Oct 2018 08:15

Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion: 88 Resp: 76812  
Ion Ratio Lower Upper  
88 100  
43 32.2 24.7 37.1  
58 72.0 55.3 82.9

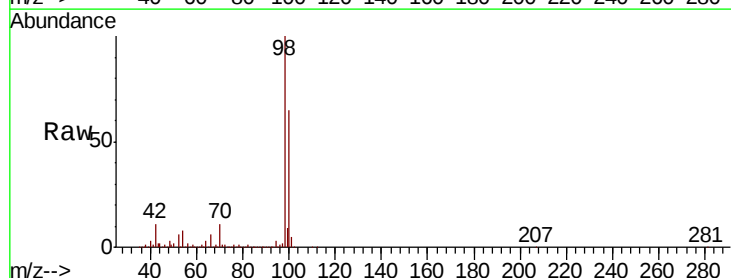


Abundance Ion 88.00 (87.70 to 88.70): VX0  
Ion 43.00 (42.70 to 43.70): VX0  
Ion 58.00 (57.70 to 58.70): VX0

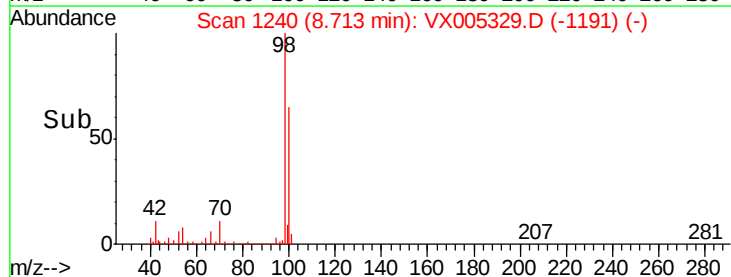
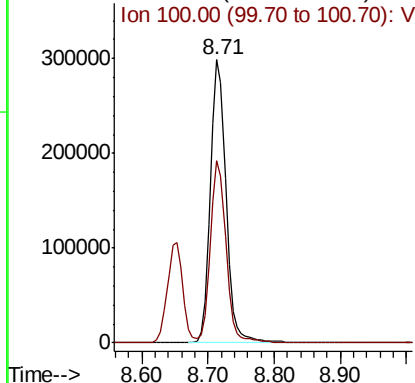


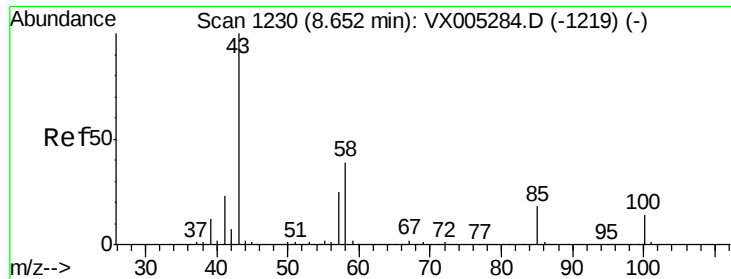
#50  
Toluene-d8  
Concen: 52.798 ug/l  
RT: 8.71 min Scan# 1240  
Delta R.T. -0.00 min  
Lab File: VX005329.D  
Acq: 15 Oct 2018 08:15

Tgt Ion: 98 Resp: 489459  
Ion Ratio Lower Upper  
98 100  
100 64.5 52.9 79.3



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: 255.482 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

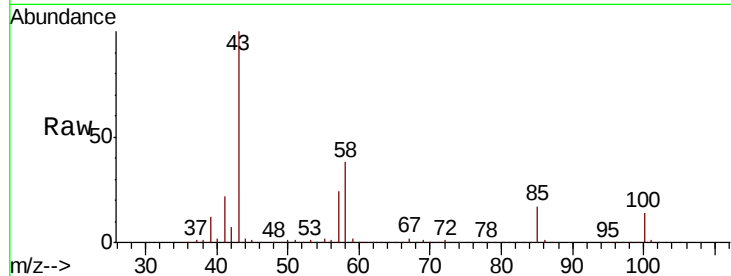
Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion: 43 Resp: 1196605

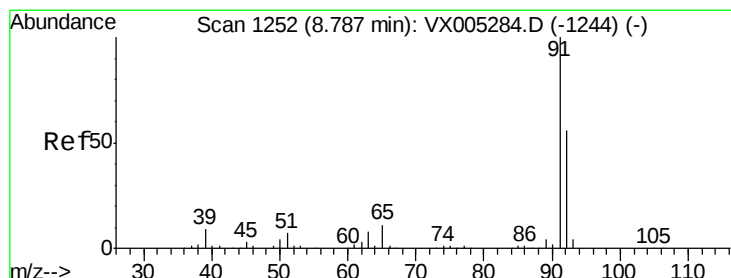
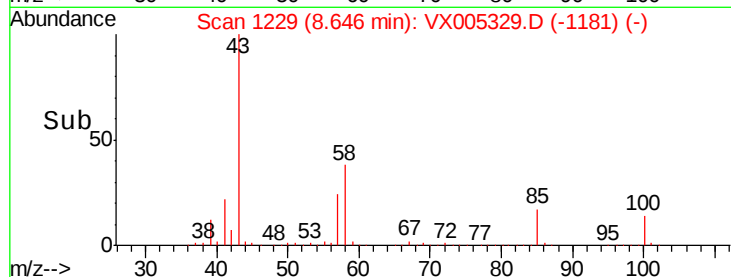
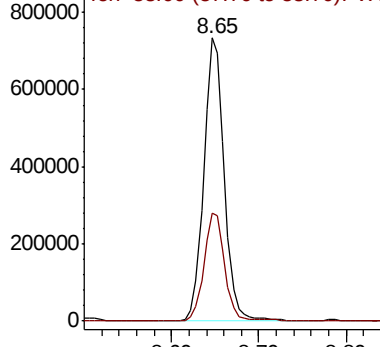
Ion Ratio Lower Upper

43 100

58 38.5 33.1 49.7



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



#52

Toluene

Concen: 53.895 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005329.D

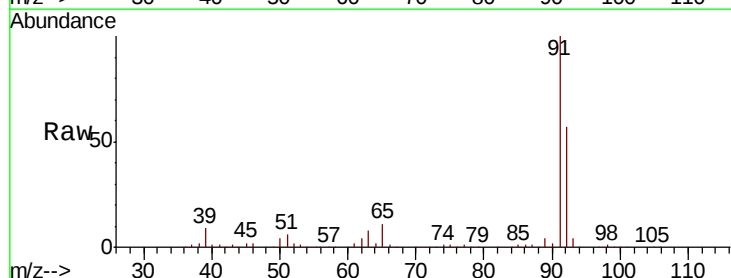
Acq: 15 Oct 2018 08:15

Tgt Ion: 92 Resp: 349256

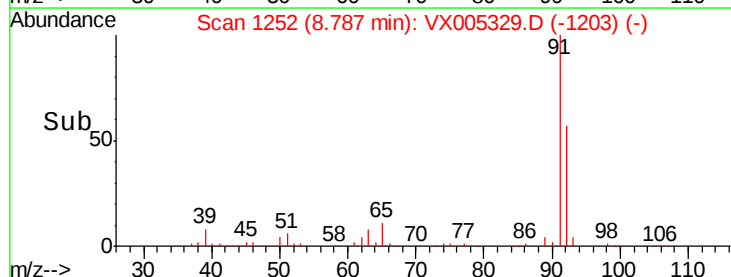
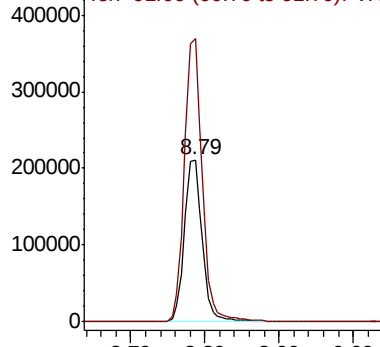
Ion Ratio Lower Upper

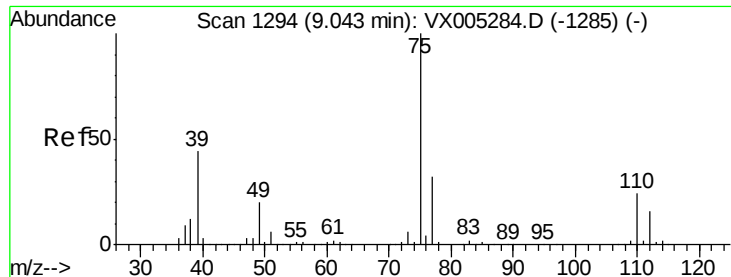
92 100

91 174.7 136.4 204.6



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

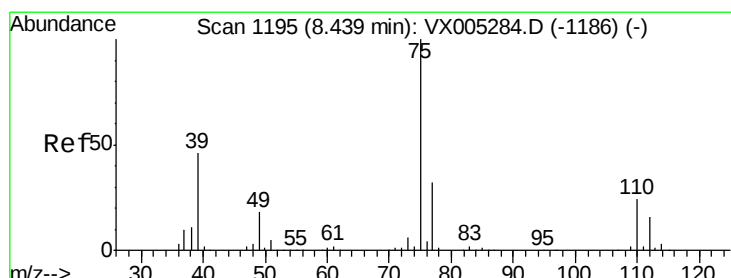
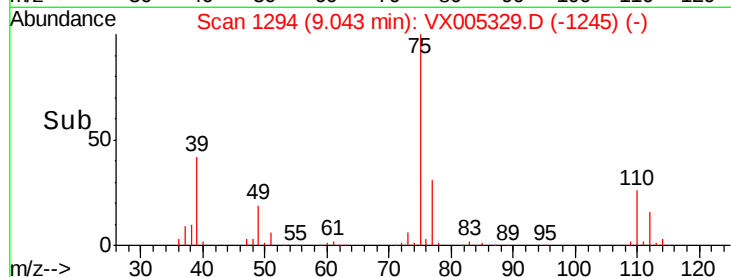
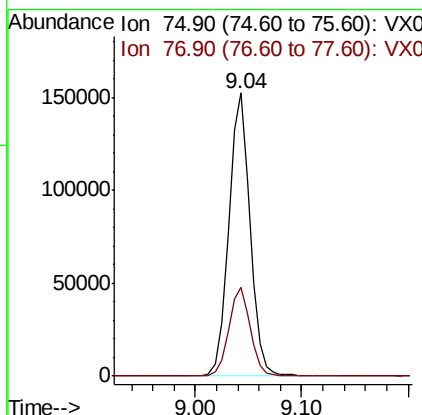
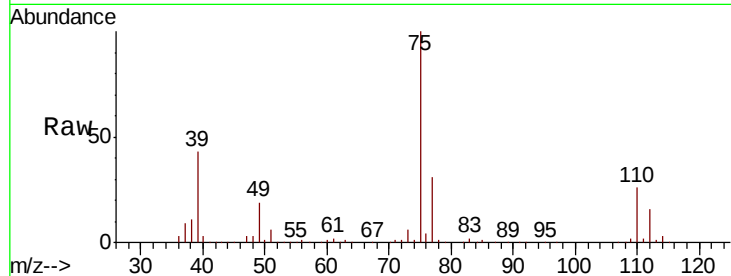




#53  
 t-1,3-Dichloropropene  
 Concen: 55.597 ug/l  
 RT: 9.04 min Scan# 1294  
 Delta R.T. -0.00 min  
 Lab File: VX005329.D  
 Acq: 15 Oct 2018 08:15

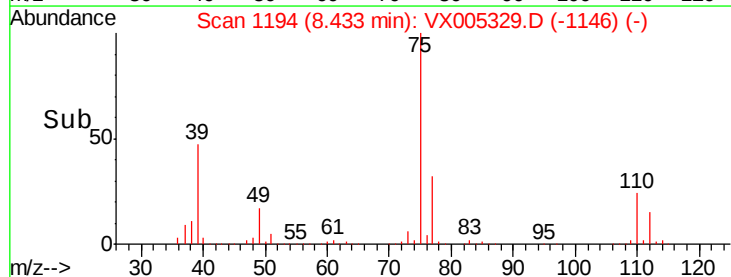
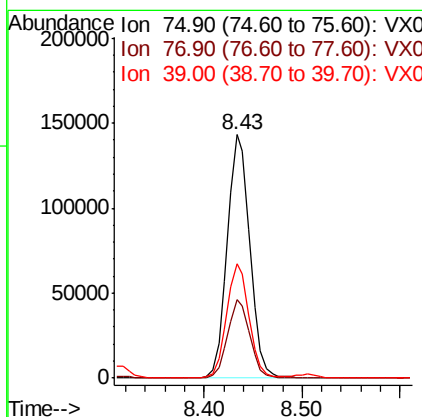
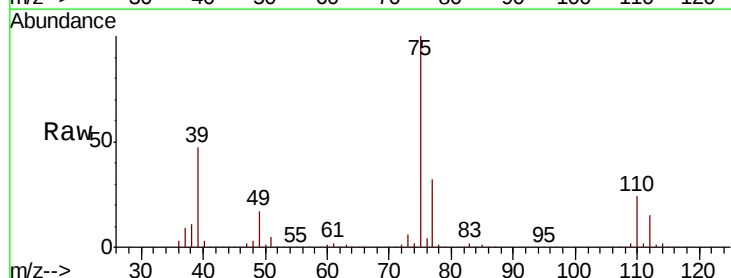
Instrument :  
 MSVOA\_X  
 ClientSampleId :

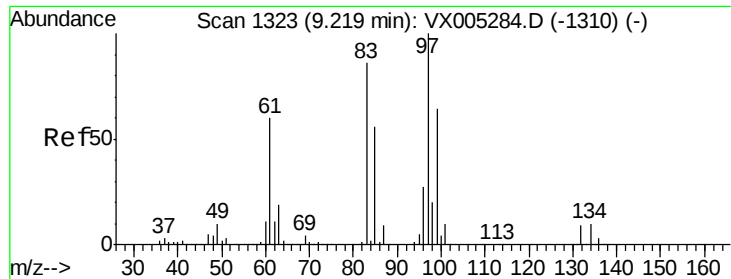
Tot Ion: 75 Resp: 213424  
 Ion Ratio Lower Upper  
 75 100  
 77 31.2 24.6 37.0



#54  
 cis-1,3-Dichloropropene  
 Concen: 55.224 ug/l  
 RT: 8.43 min Scan# 1194  
 Delta R.T. -0.01 min  
 Lab File: VX005329.D  
 Acq: 15 Oct 2018 08:15

Tgt Ion: 75 Resp: 229702  
 Ion Ratio Lower Upper  
 75 100  
 77 32.1 26.2 39.2  
 39 46.6 36.4 54.6

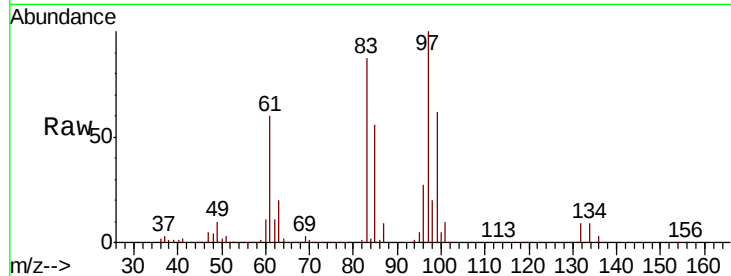




#55  
 1,1,2-Trichloroethane  
 Concen: 51.389 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. -0.01 min  
 Lab File: VX005329.D  
 Acq: 15 Oct 2018 08:15

Instrument :  
 MSVOA\_X  
 ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 141051 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 86.8  | 66.4  | 99.6   |
| 85       | 55.5  | 43.3  | 64.9   |
| 99       | 62.5  | 49.0  | 73.4   |



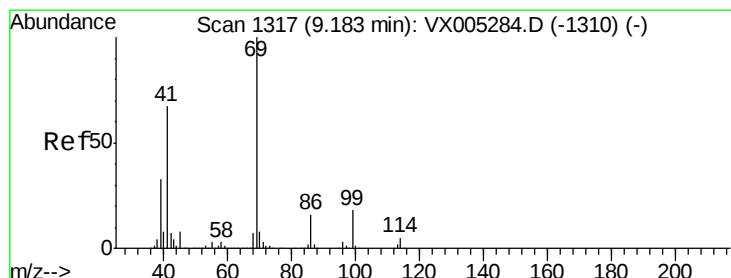
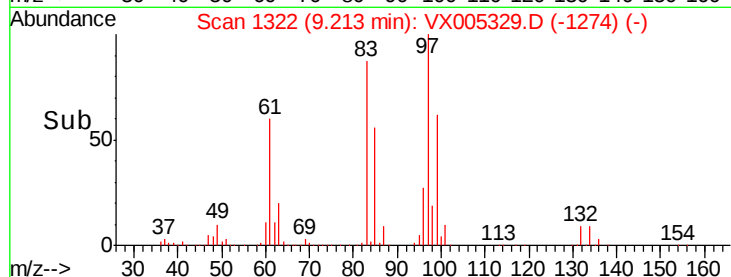
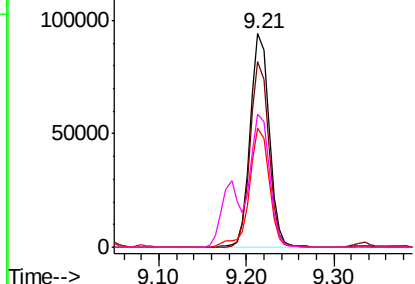
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

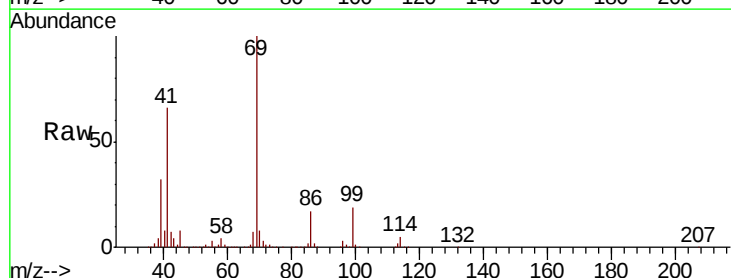
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56  
 Ethyl methacrylate  
 Concen: 55.717 ug/l  
 RT: 9.18 min Scan# 1317  
 Delta R.T. -0.00 min  
 Lab File: VX005329.D  
 Acq: 15 Oct 2018 08:15

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 222941 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 67.7  | 51.0  | 76.4   |
| 39       | 32.6  | 26.1  | 39.1   |

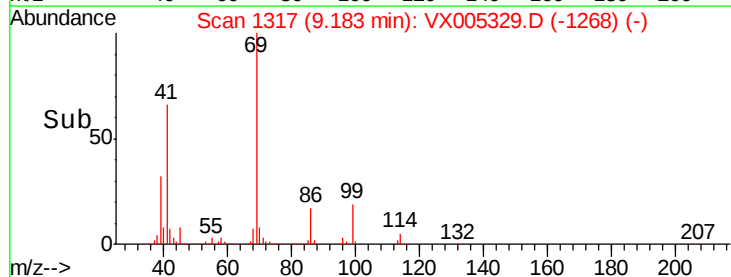
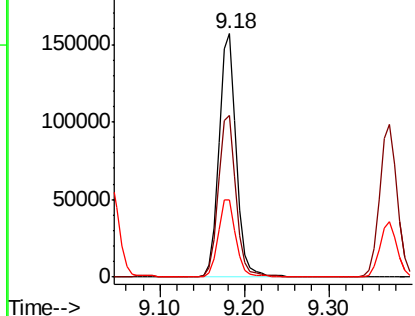


Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 51.709 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA\_X

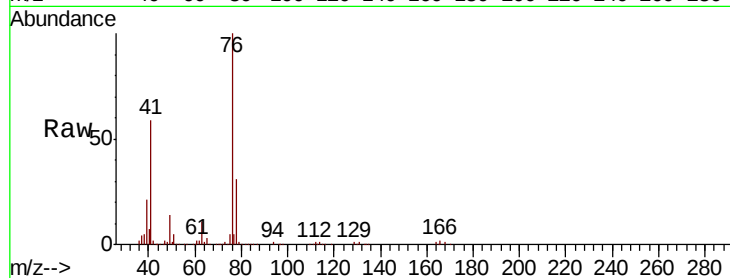
ClientSampleId :

Tot Ion: 76 Resp: 236888

Ion Ratio Lower Upper

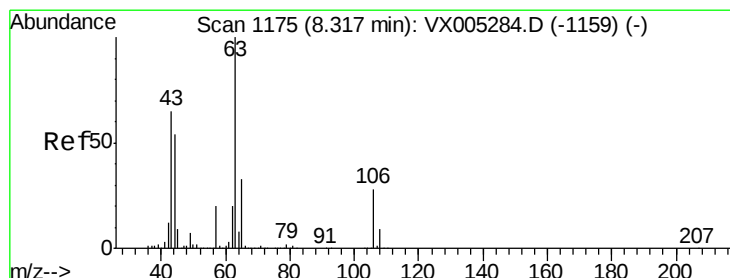
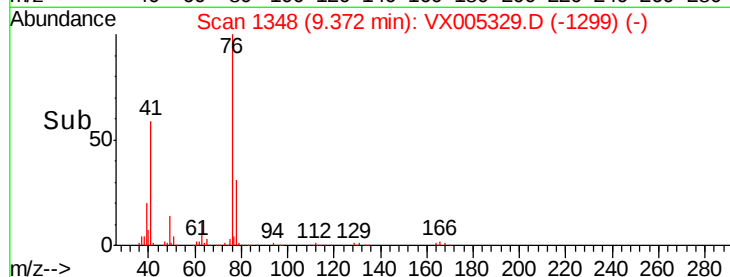
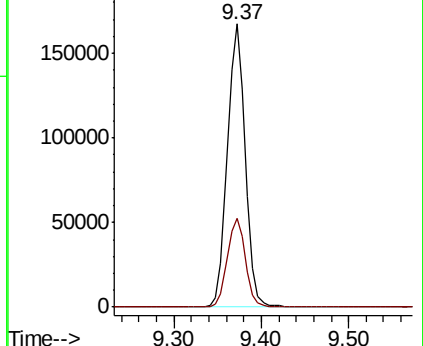
76 100

78 31.9 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 273.721 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX005329.D

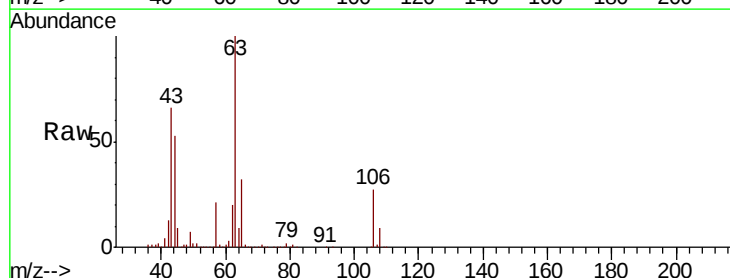
Acq: 15 Oct 2018 08:15

Tgt Ion: 63 Resp: 614231

Ion Ratio Lower Upper

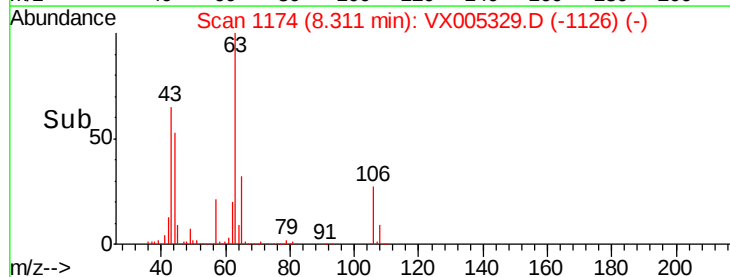
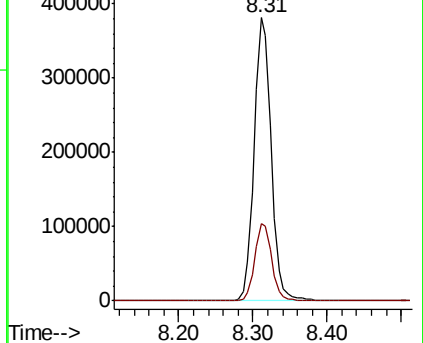
63 100

106 27.3 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

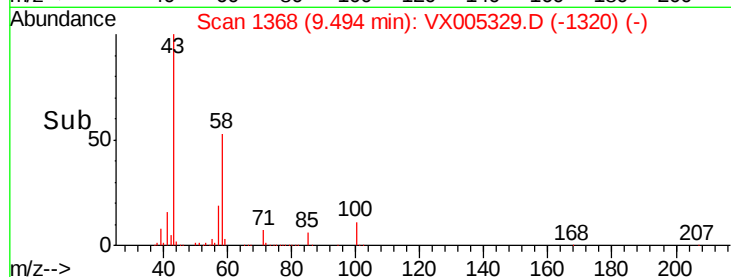
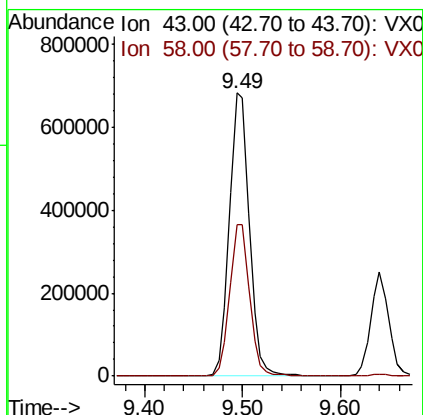
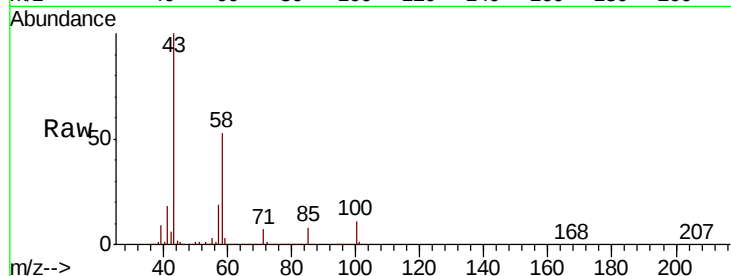




#59  
2-Hexanone  
Concen: 257.567 ug/l  
RT: 9.49 min Scan# 1368  
Delta R.T. -0.01 min  
Lab File: VX005329.D  
Acq: 15 Oct 2018 08:15

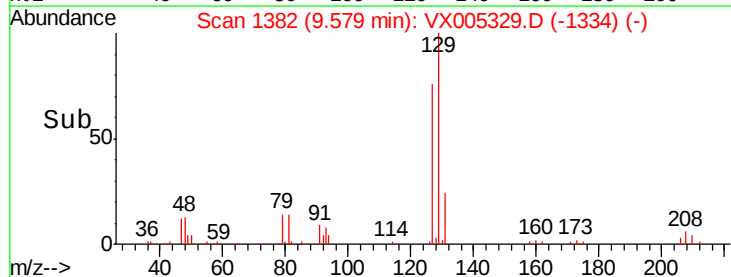
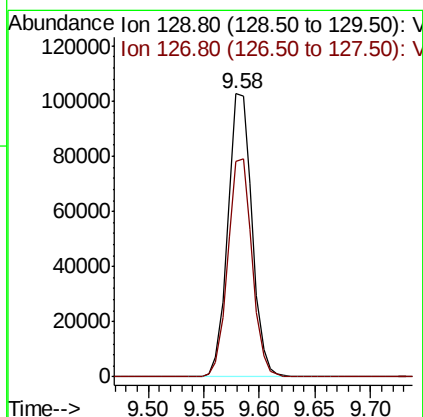
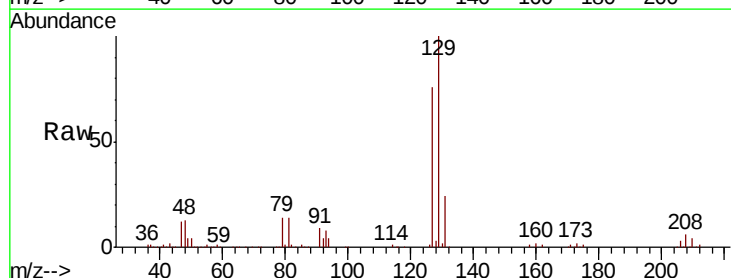
Instrument :  
MSVOA\_X  
ClientSampleId :

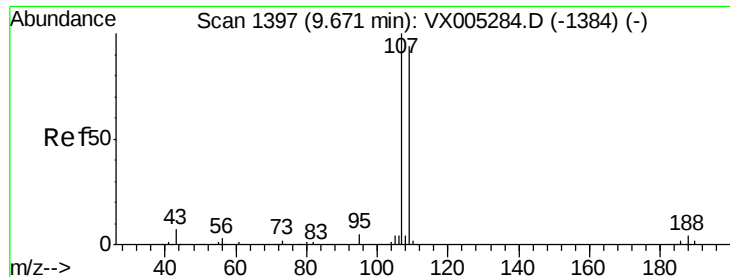
Tot Ion: 43 Resp: 970412  
Ion Ratio Lower Upper  
43 100  
58 53.7 29.0 87.0



#60  
Dibromochloromethane  
Concen: 54.248 ug/l  
RT: 9.58 min Scan# 1382  
Delta R.T. -0.01 min  
Lab File: VX005329.D  
Acq: 15 Oct 2018 08:15

Tgt Ion:129 Resp: 153911  
Ion Ratio Lower Upper  
129 100  
127 77.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 51.510 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA\_X

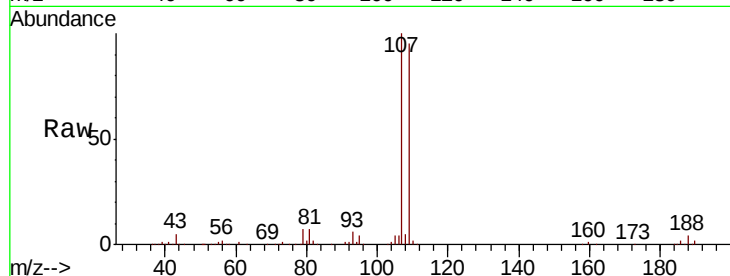
ClientSampleId :

Tot Ion:107 Resp: 148376

Ion Ratio Lower Upper

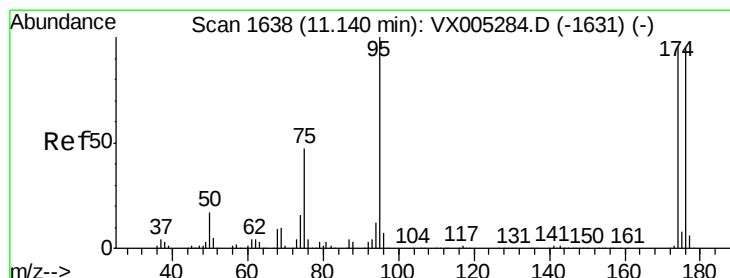
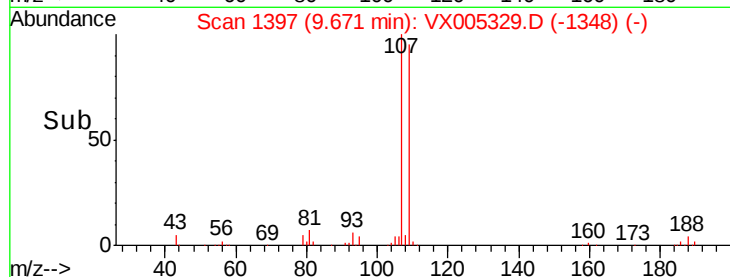
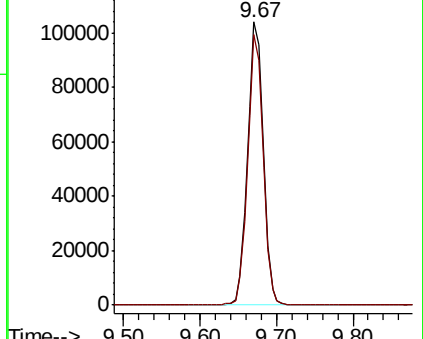
107 100

109 94.4 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.237 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

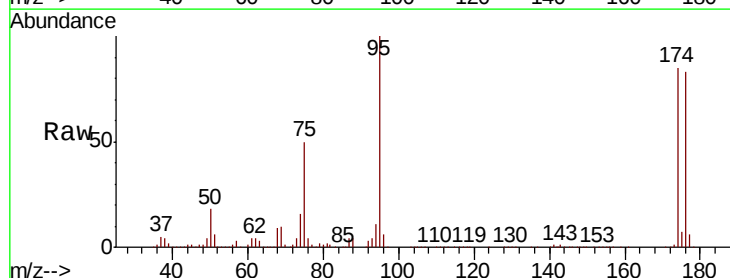
Tgt Ion: 95 Resp: 185401

Ion Ratio Lower Upper

95 100

174 95.2 0.0 185.2

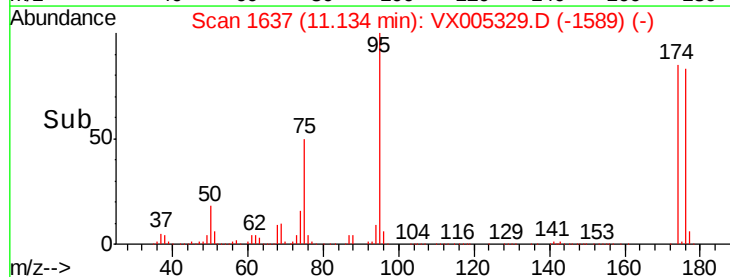
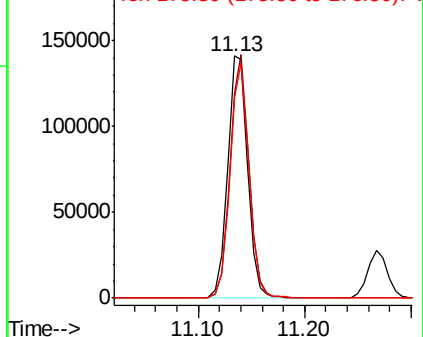
176 92.0 0.0 178.6

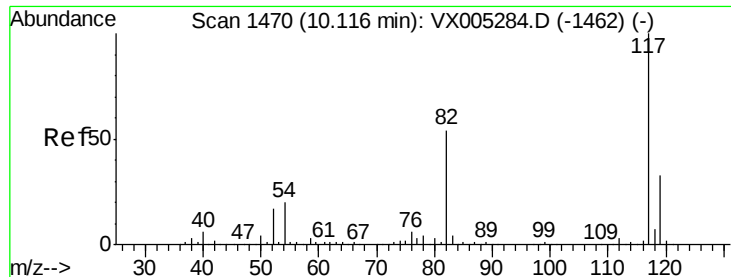


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

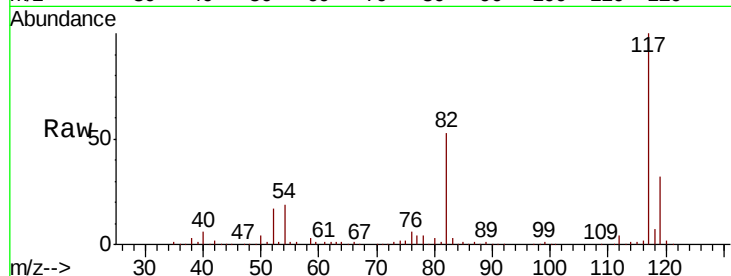




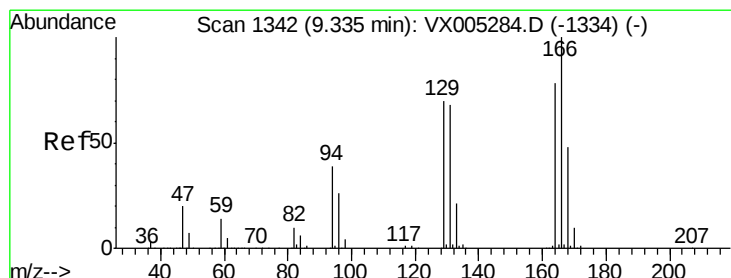
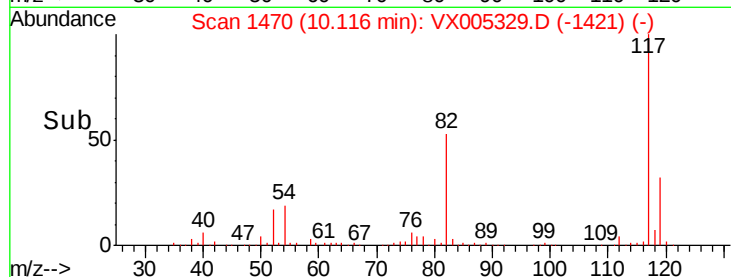
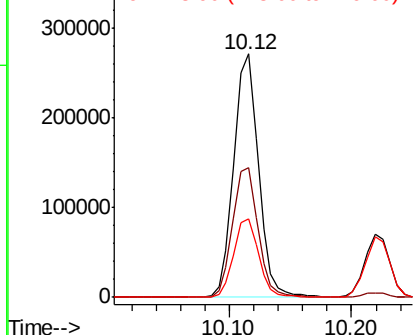
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1470  
Delta R.T. -0.00 min  
Lab File: VX005329.D  
Acq: 15 Oct 2018 08:15

Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion:117 Resp: 379640  
Ion Ratio Lower Upper  
117 100  
82 53.1 47.8 71.6  
119 32.3 29.3 43.9

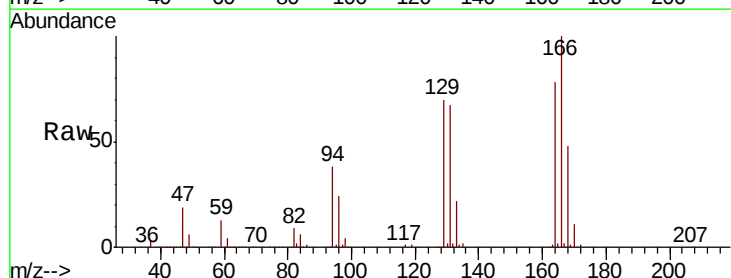


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VX0  
Ion 118.90 (118.60 to 119.60): V

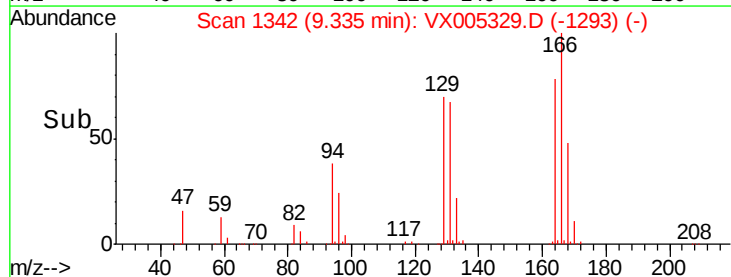
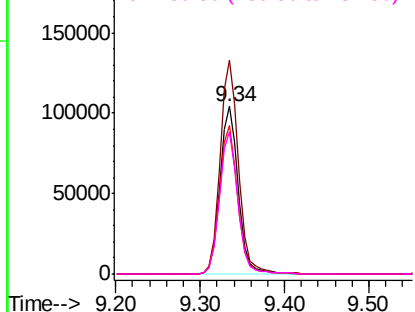


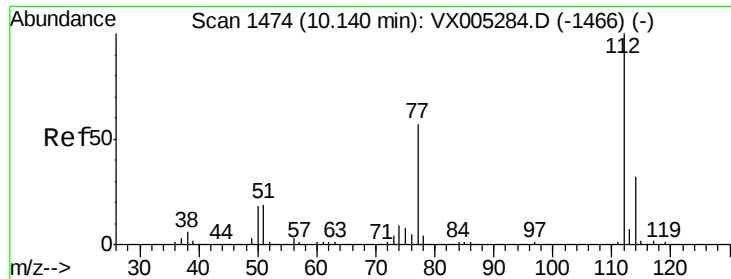
#64  
Tetrachloroethene  
Concen: 51.406 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. -0.00 min  
Lab File: VX005329.D  
Acq: 15 Oct 2018 08:15

Tgt Ion:164 Resp: 157112  
Ion Ratio Lower Upper  
164 100  
166 127.5 102.8 154.2  
129 88.8 69.4 104.0  
131 85.2 67.9 101.9



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

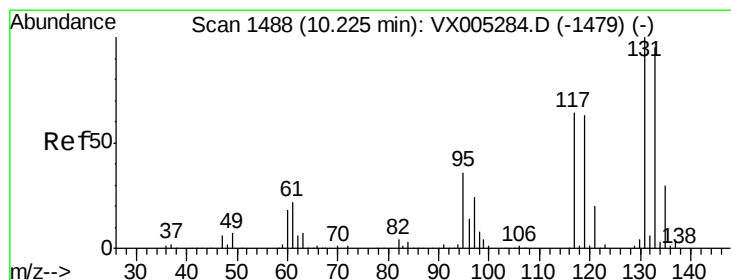
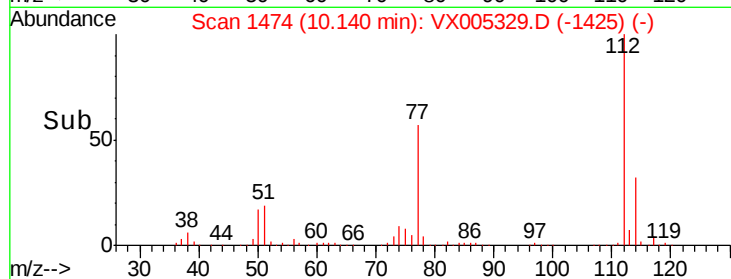
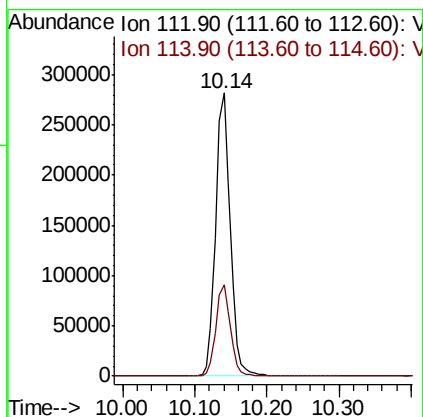
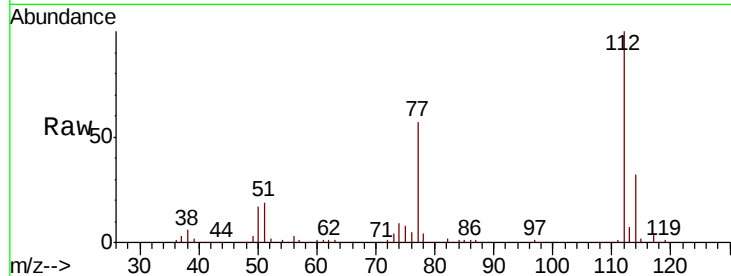




#65  
Chlorobenzene  
Concen: 48.950 ug/l  
RT: 10.14 min Scan# 1474  
Delta R.T. -0.00 min  
Lab File: VX005329.D  
Acq: 15 Oct 2018 08:15

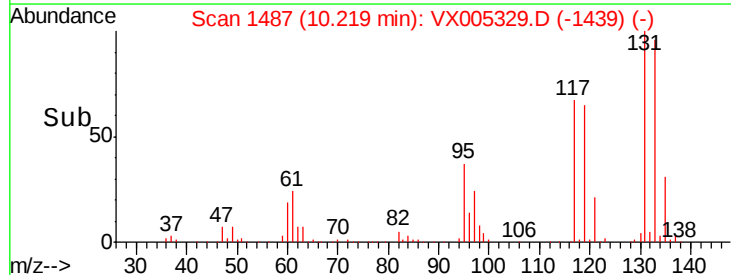
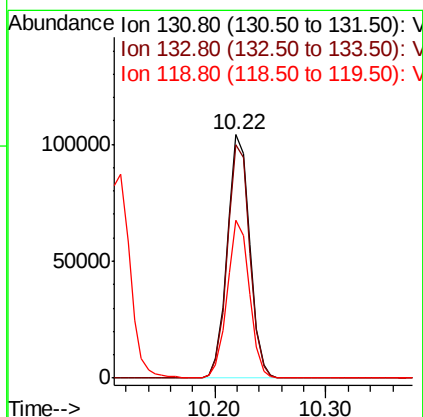
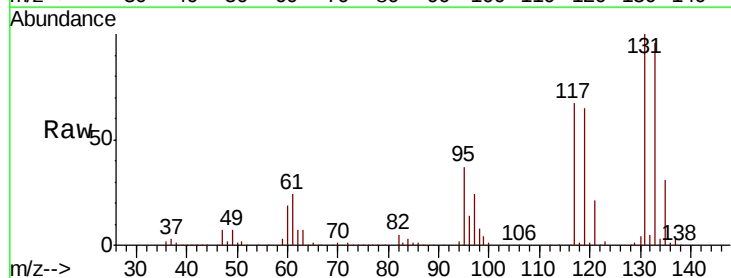
Instrument :  
MSVOA\_X  
ClientSampleId :

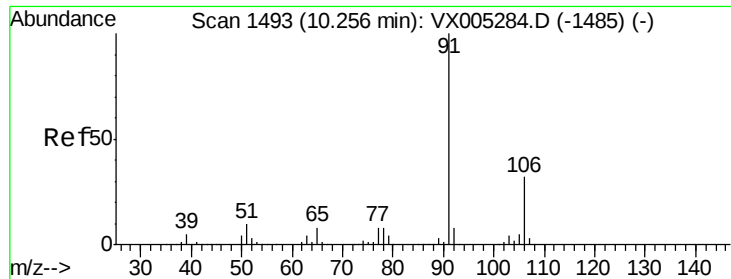
Tot Ion:112 Resp: 395288  
Ion Ratio Lower Upper  
112 100  
114 32.4 27.8 41.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.386 ug/l  
RT: 10.22 min Scan# 1487  
Delta R.T. -0.01 min  
Lab File: VX005329.D  
Acq: 15 Oct 2018 08:15

Tgt Ion:131 Resp: 144998  
Ion Ratio Lower Upper  
131 100  
133 96.2 48.1 144.4  
119 64.3 32.9 98.6

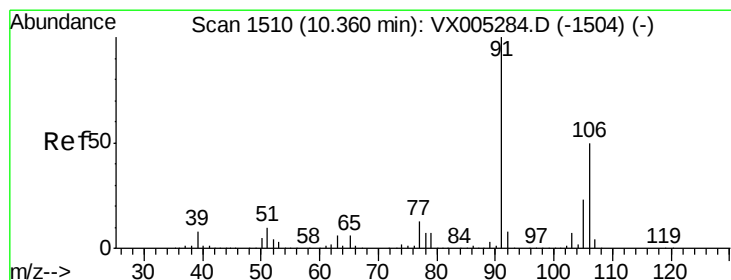
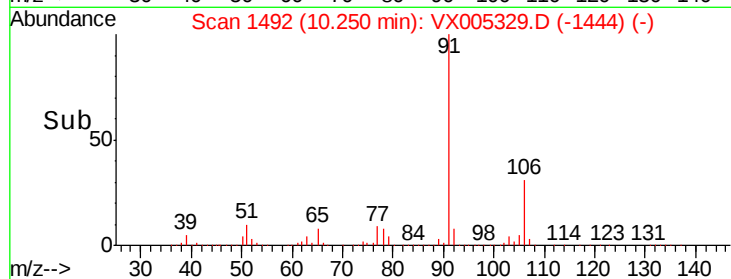
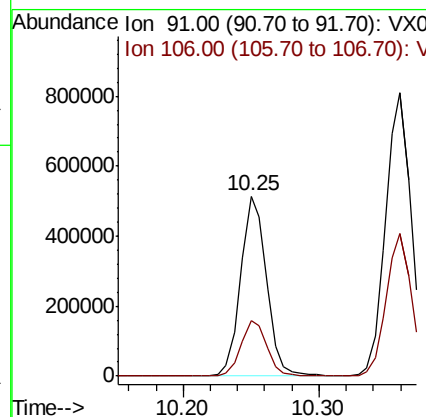
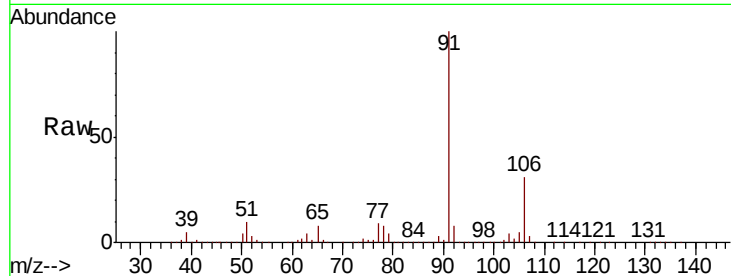




#67  
Ethvl Benzene  
Concen: 51.967 ug/l  
RT: 10.25 min Scan# 1492  
Delta R.T. -0.01 min  
Lab File: VX005329.D  
Acq: 15 Oct 2018 08:15

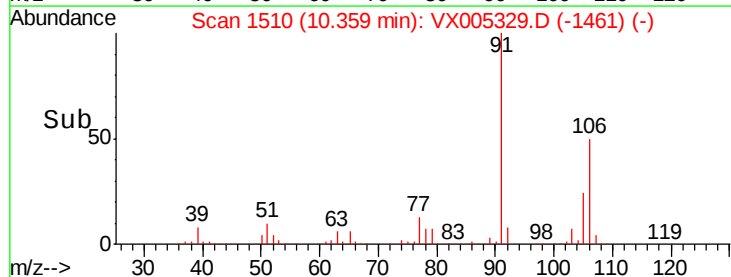
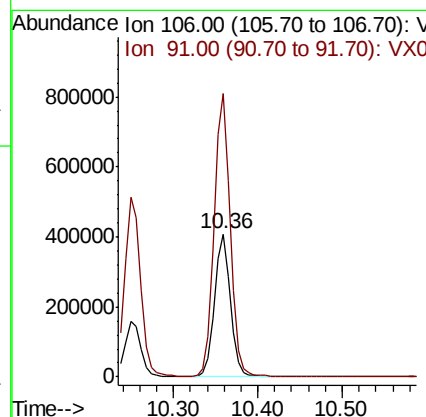
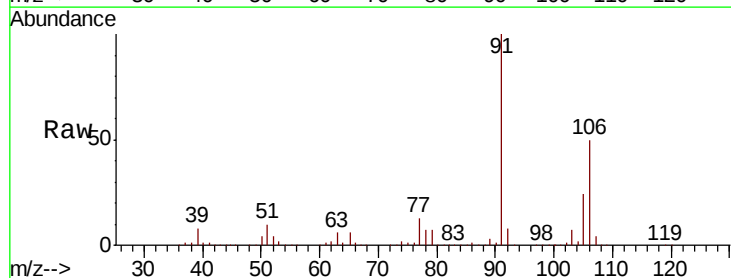
Instrument :  
MSVOA\_X  
ClientSampled :

Tot Ion: 91 Resp: 682222  
Ion Ratio Lower Upper  
91 100  
106 30.6 25.9 38.9



#68  
m/p-Xylenes  
Concen: 104.948 ug/l  
RT: 10.36 min Scan# 1510  
Delta R.T. -0.00 min  
Lab File: VX005329.D  
Acq: 15 Oct 2018 08:15

Tgt Ion: 106 Resp: 534753  
Ion Ratio Lower Upper  
106 100  
91 202.0 157.1 235.7

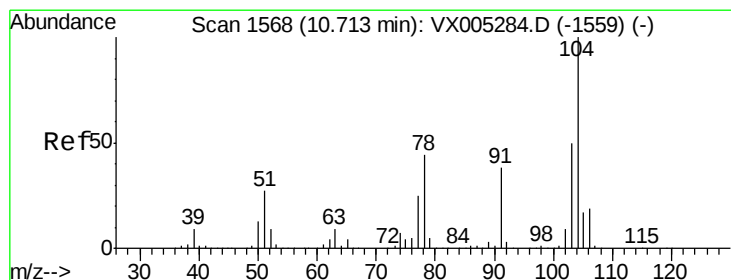
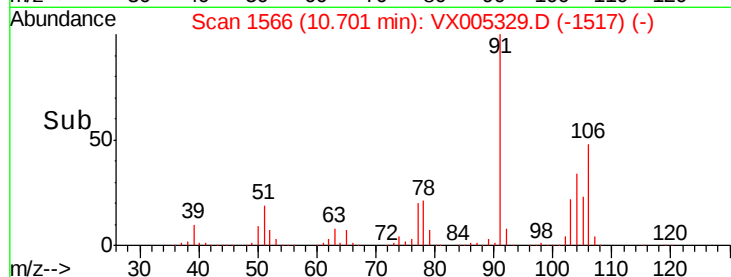
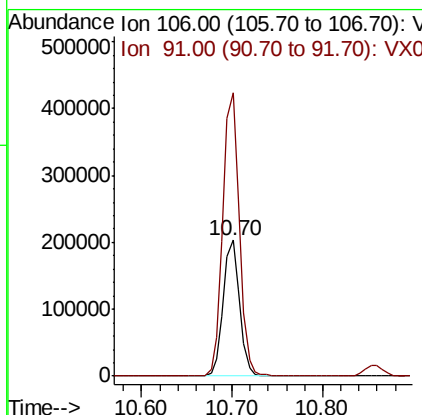
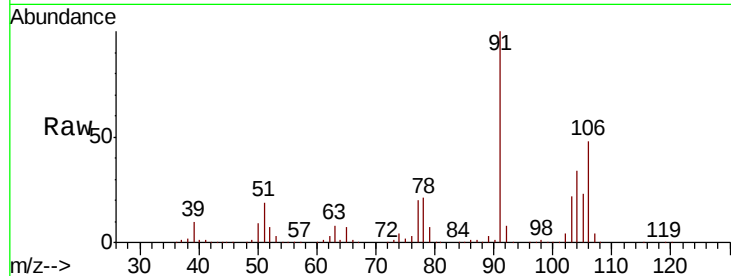




#69  
o-Xylene  
Concen: 52.039 ug/l  
RT: 10.70 min Scan# 1566  
Delta R.T. -0.00 min  
Lab File: VX005329.D  
Acq: 15 Oct 2018 08:15

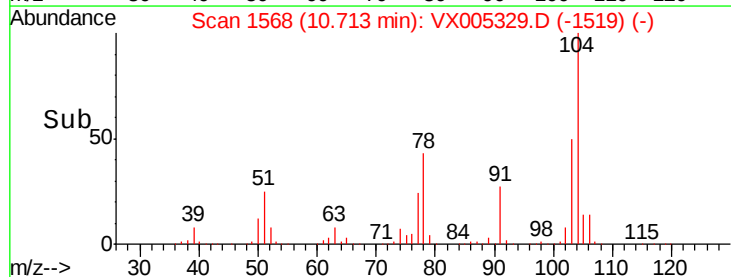
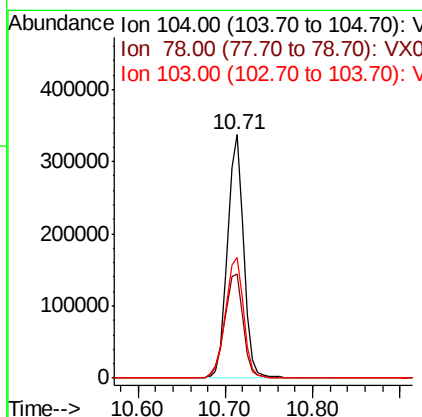
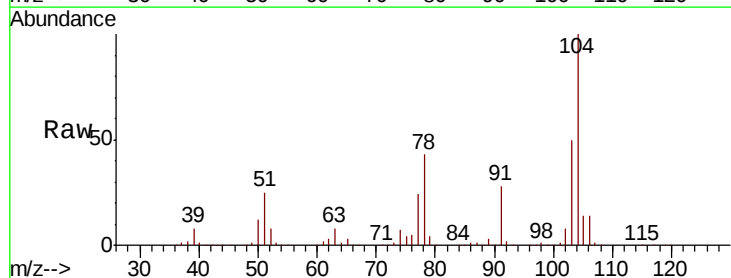
Instrument :  
MSVOA\_X  
ClientSampled :

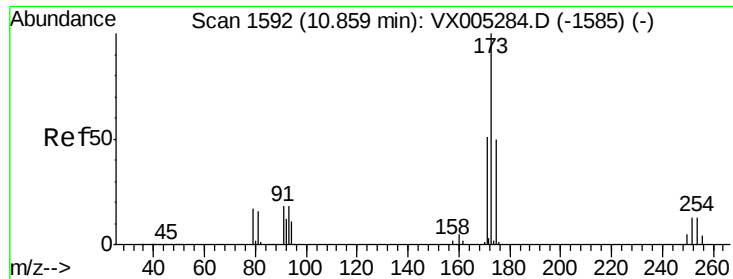
Tot Ion:106 Resp: 255731  
Ion Ratio Lower Upper  
106 100  
91 212.5 105.1 315.1



#70  
Styrene  
Concen: 53.677 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VX005329.D  
Acq: 15 Oct 2018 08:15

Tgt Ion:104 Resp: 433863  
Ion Ratio Lower Upper  
104 100  
78 49.1 37.4 56.0  
103 55.4 43.8 65.6





#71

Bromoform

Concen: 51.302 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA\_X

ClientSampled :

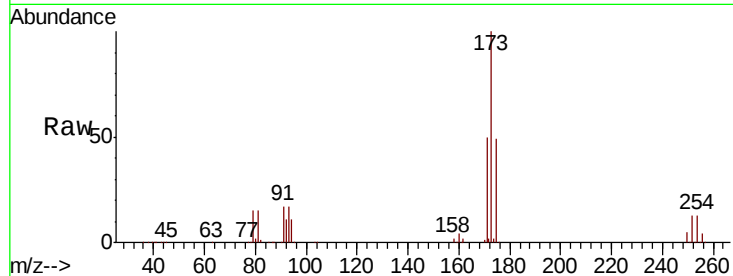
Tot Ion:173 Resp: 131931

Ion Ratio Lower Upper

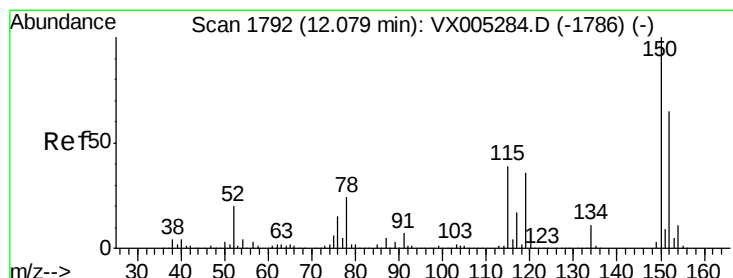
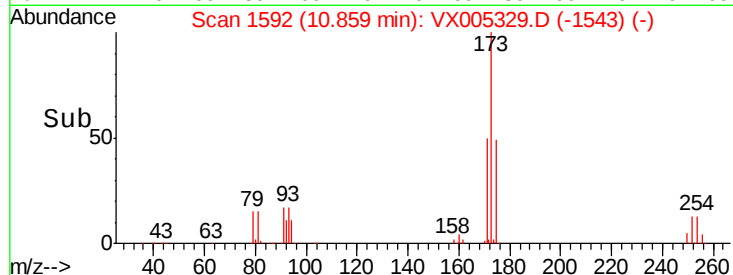
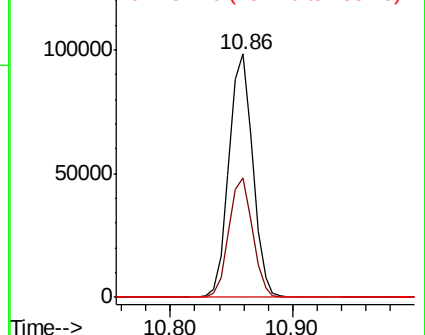
173 100

175 48.7 24.1 72.3

254 0.2 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: VX005329.D

Acq: 15 Oct 2018 08:15

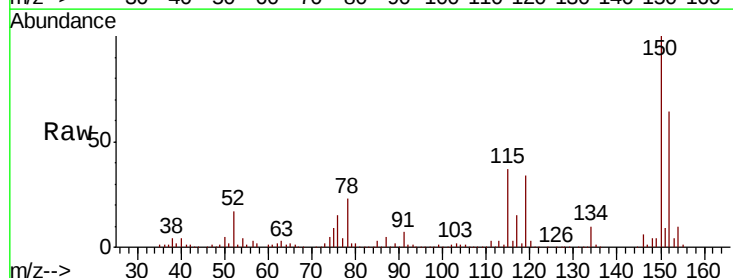
Tgt Ion:152 Resp: 224785

Ion Ratio Lower Upper

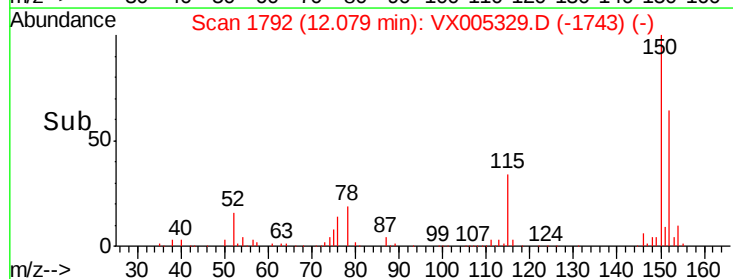
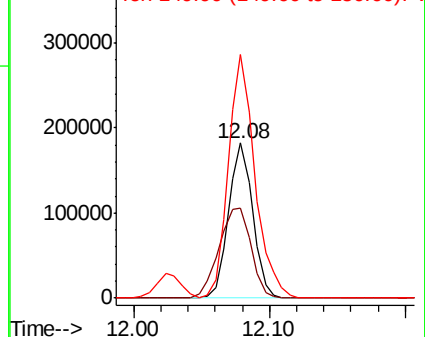
152 100

115 77.0 39.0 117.0

150 172.8 0.0 351.0



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

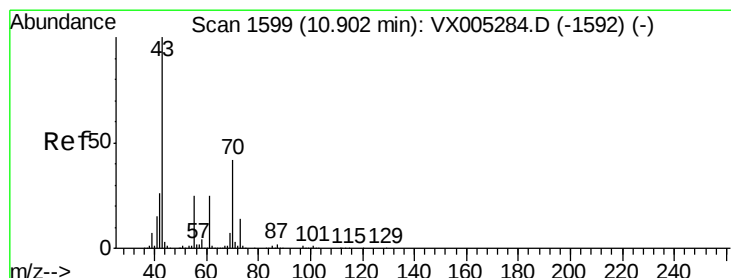
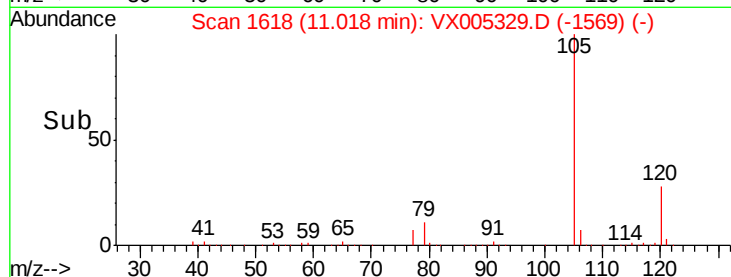
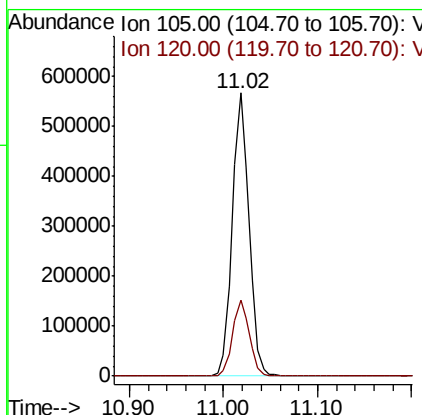
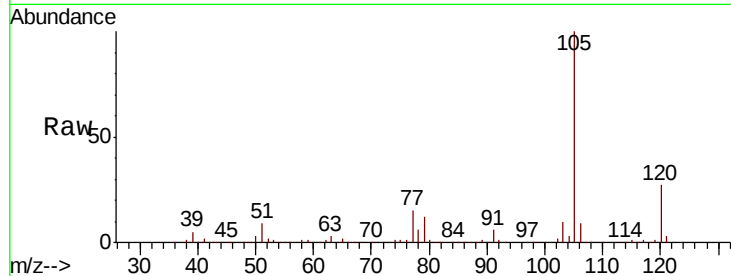




#73  
Isopropylbenzene  
Concen: 52.325 ug/l  
RT: 11.02 min Scan# 1618  
Delta R.T. -0.00 min  
Lab File: VX005329.D  
Acq: 15 Oct 2018 08:15

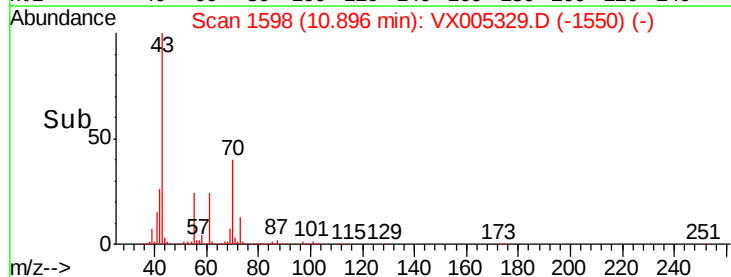
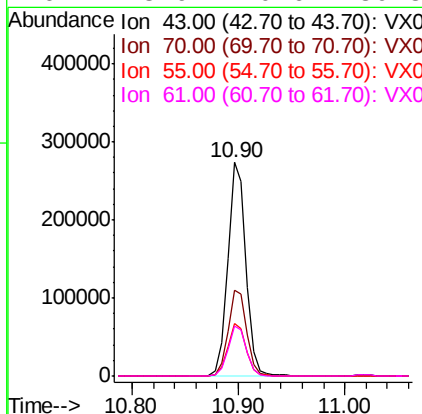
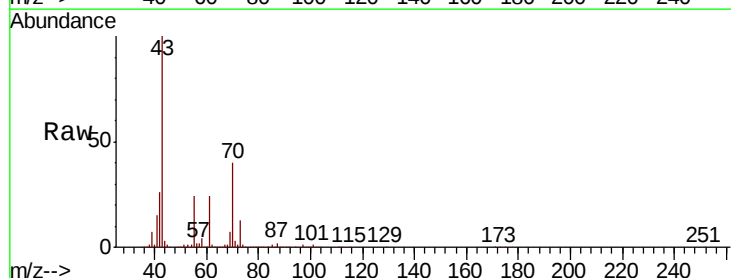
Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion:105 Resp: 699207  
Ion Ratio Lower Upper  
105 100  
120 26.9 13.5 40.4



#74  
N-ethyl acetate  
Concen: 50.287 ug/l  
RT: 10.90 min Scan# 1598  
Delta R.T. -0.01 min  
Lab File: VX005329.D  
Acq: 15 Oct 2018 08:15

Tgt Ion: 43 Resp: 324106  
Ion Ratio Lower Upper  
43 100  
70 41.2 37.4 56.0  
55 25.1 21.8 32.8  
61 23.9 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 46.167 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA\_X

ClientSampleId :

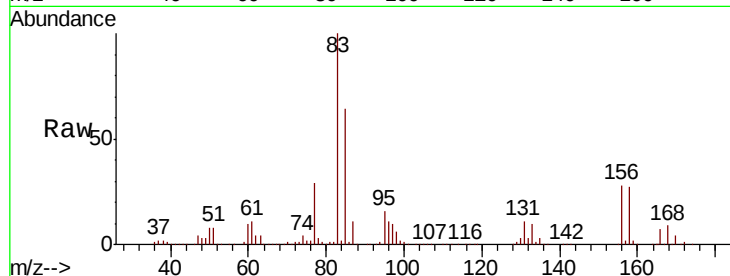
Tot Ion: 83 Resp: 232721

Ion Ratio Lower Upper

83 100

131 10.9 5.2 15.6

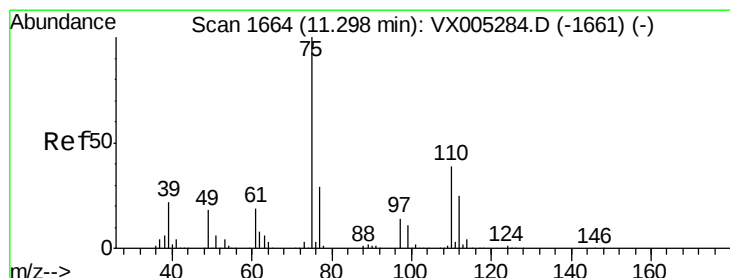
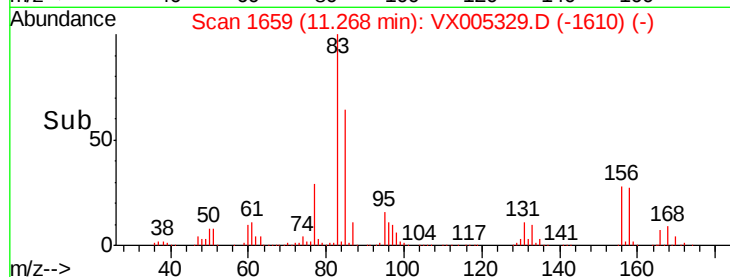
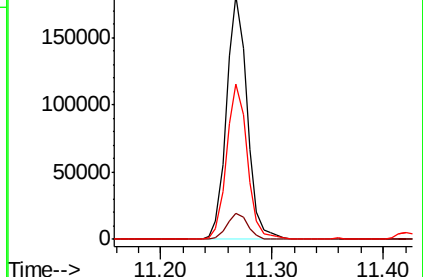
85 64.1 32.3 96.8



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: 64.256 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005329.D

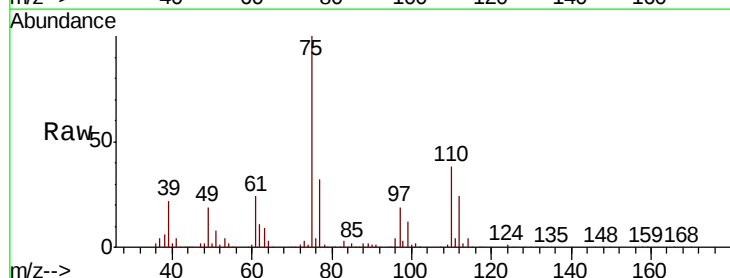
Acq: 15 Oct 2018 08:15

Tgt Ion: 75 Resp: 280168

Ion Ratio Lower Upper

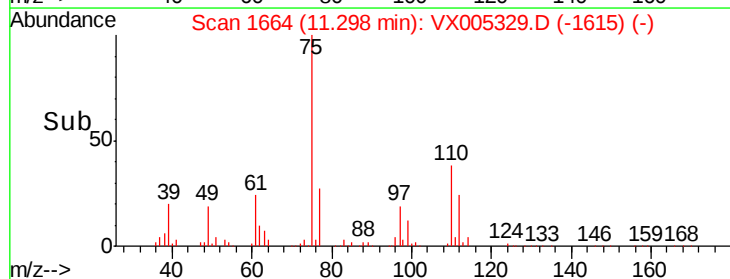
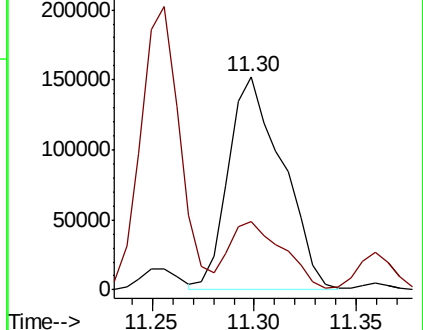
75 100

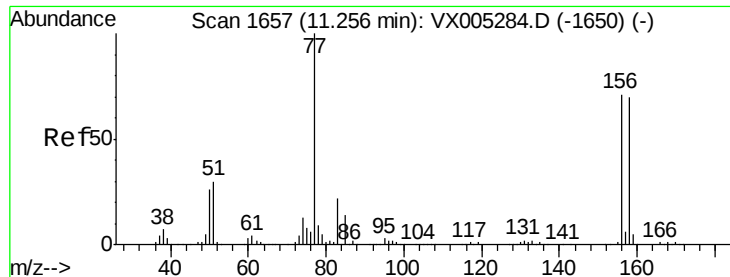
77 31.6 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.800 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA\_X

ClientSampled :

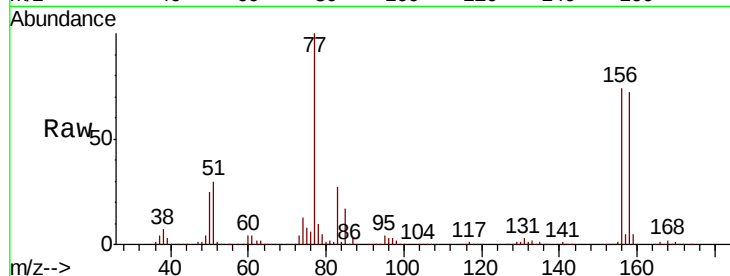
Tot Ion:156 Resp: 190274

Ion Ratio Lower Upper

156 100

77 141.5 71.5 214.3

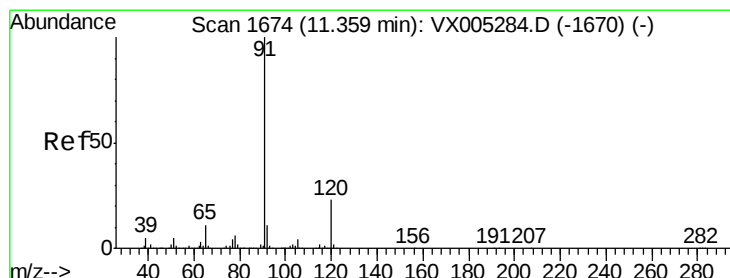
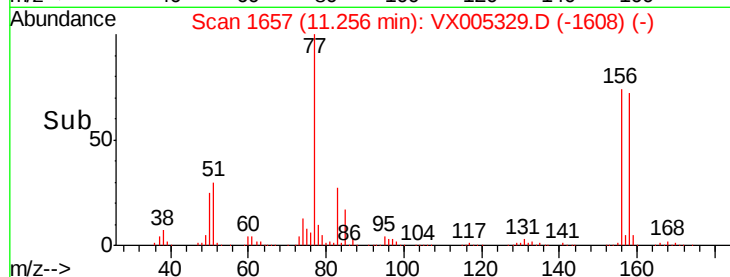
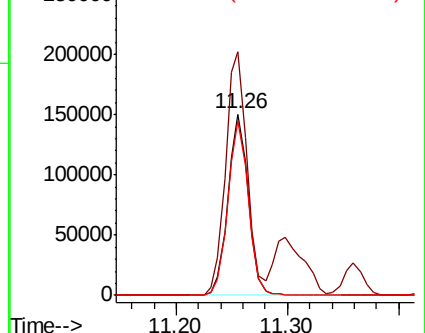
158 96.7 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.058 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005329.D

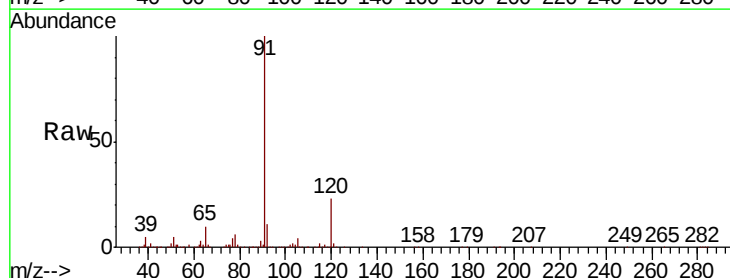
Acq: 15 Oct 2018 08:15

Tgt Ion: 91 Resp: 815884

Ion Ratio Lower Upper

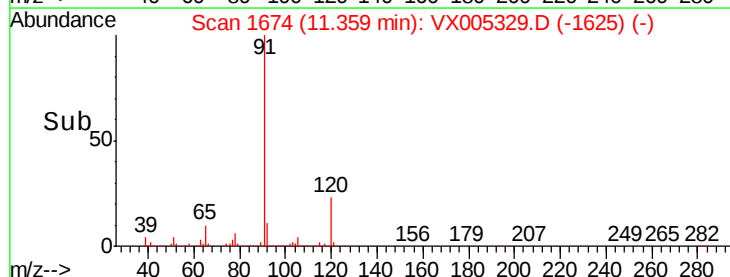
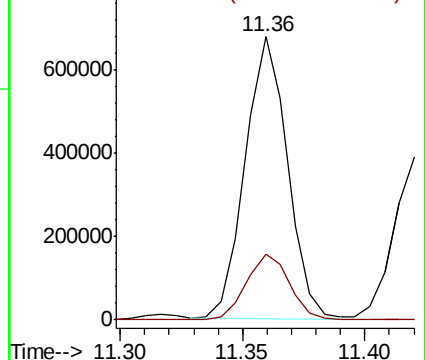
91 100

120 24.0 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

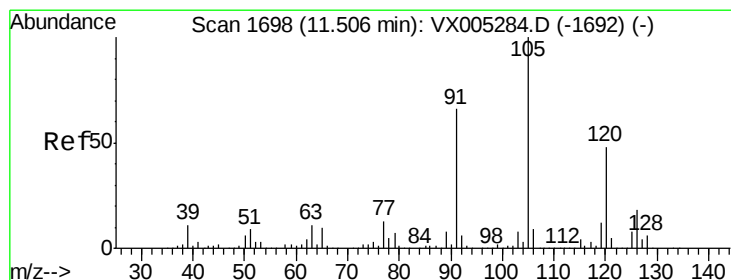
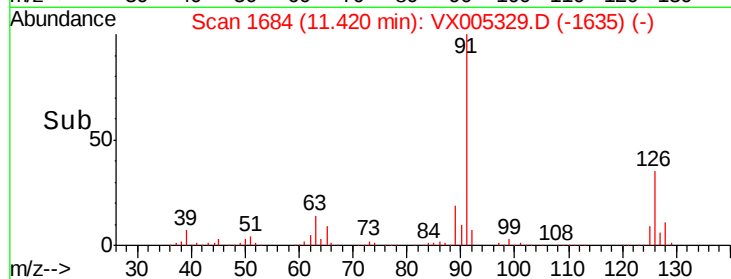
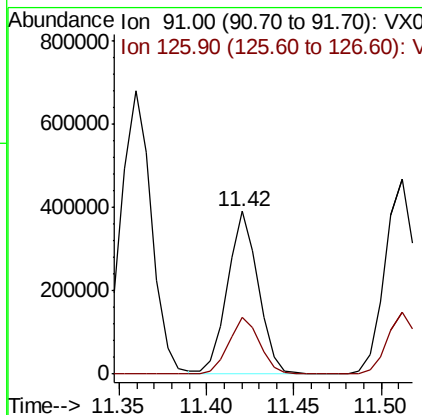
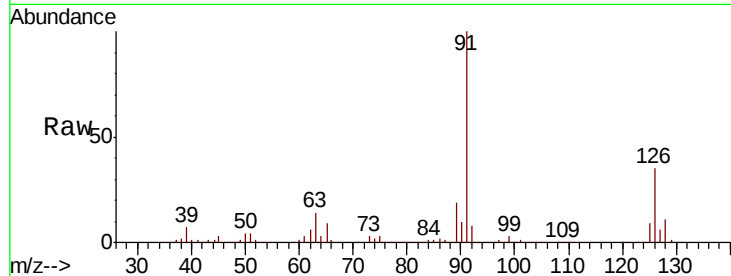




#79  
 2-Chlorotoluene  
 Concen: 50.324 ug/l  
 RT: 11.42 min Scan# 1684  
 Delta R.T. -0.00 min  
 Lab File: VX005329.D  
 Acq: 15 Oct 2018 08:15

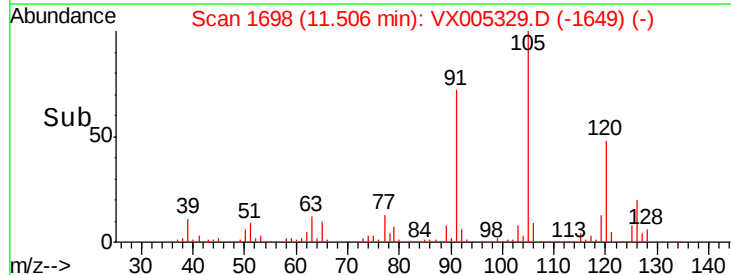
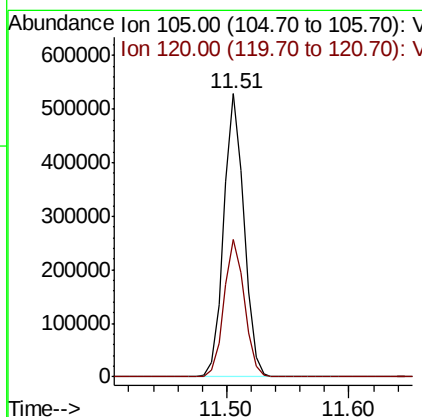
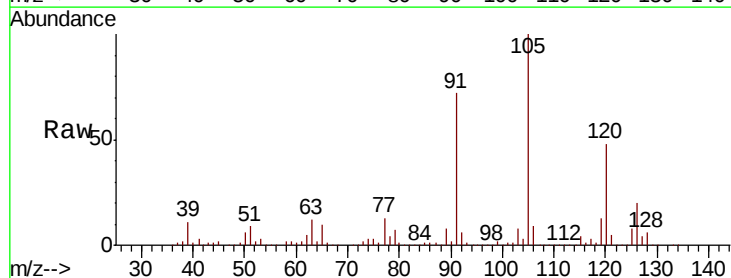
Instrument :  
 MSVOA\_X  
 ClientSampleId :

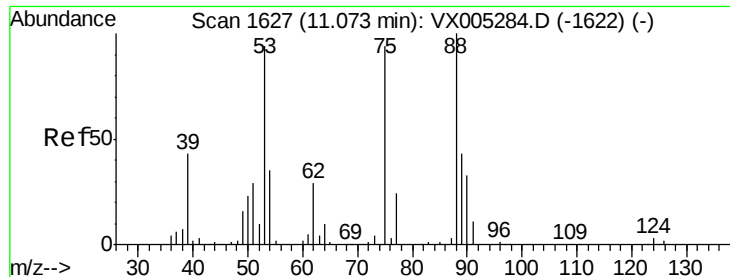
Tot Ion: 91 Resp: 473920  
 Ion Ratio Lower Upper  
 91 100  
 126 35.6 17.9 53.7



#80  
 1,3,5-Trimethylbenzene  
 Concen: 52.832 ug/l  
 RT: 11.51 min Scan# 1698  
 Delta R.T. -0.00 min  
 Lab File: VX005329.D  
 Acq: 15 Oct 2018 08:15

Tgt Ion: 105 Resp: 604566  
 Ion Ratio Lower Upper  
 105 100  
 120 49.0 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 51.179 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA\_X

ClientSampleId :

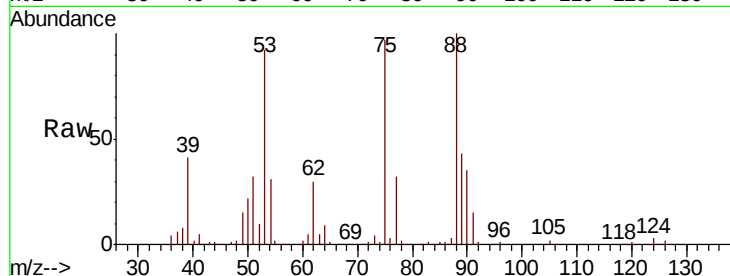
Tot Ion: 75 Resp: 73441

Ion Ratio Lower Upper

75 100

53 94.3 80.1 120.1

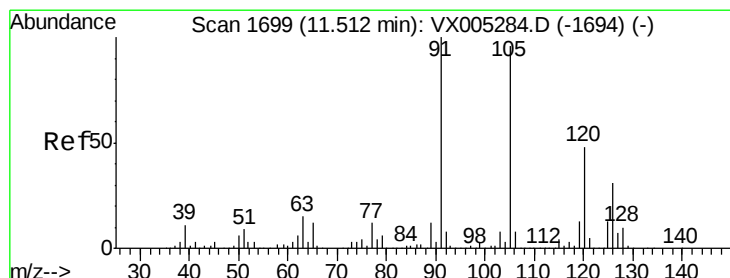
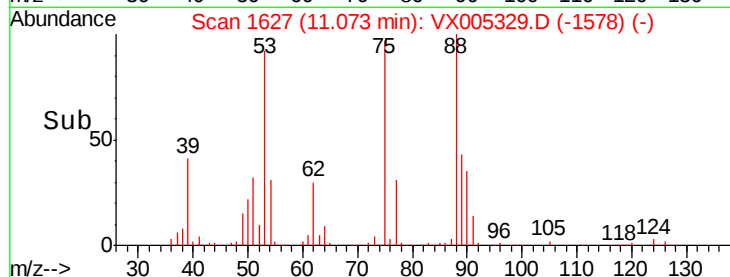
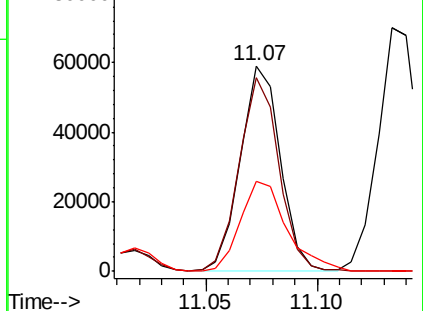
89 52.1 37.2 55.8



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: 51.099 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005329.D

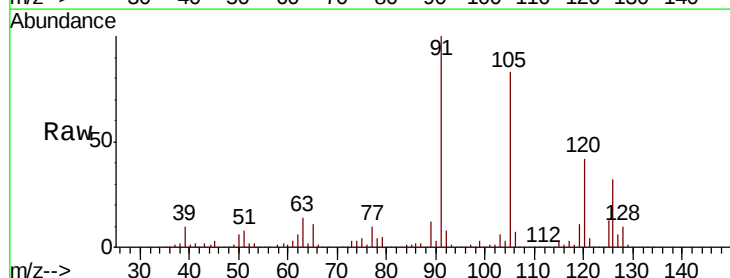
Acq: 15 Oct 2018 08:15

Tgt Ion: 91 Resp: 570453

Ion Ratio Lower Upper

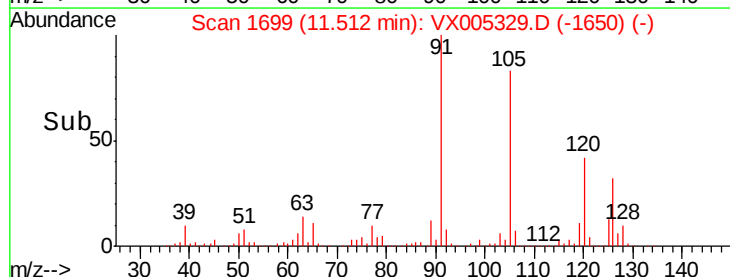
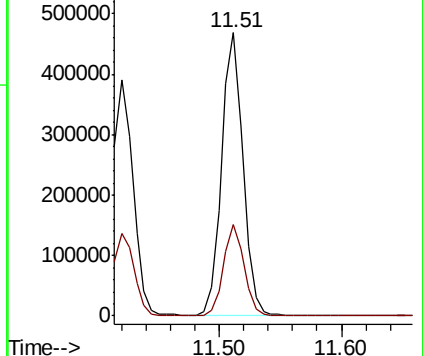
91 100

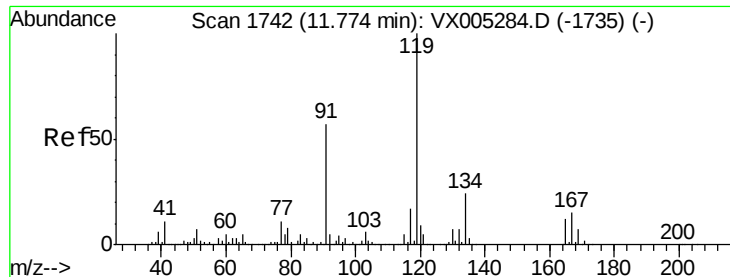
126 31.0 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 52.259 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA\_X

ClientSampled :

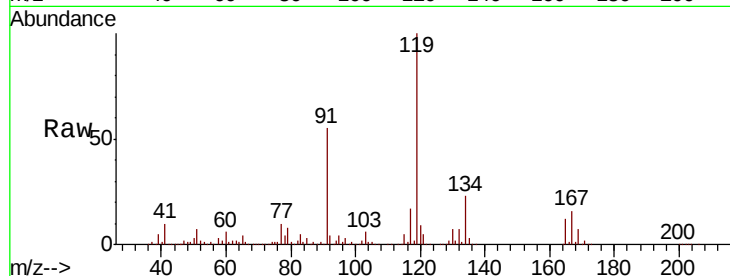
Tot Ion:119 Resp: 605570

Ion Ratio Lower Upper

119 100

91 54.8 27.0 81.0

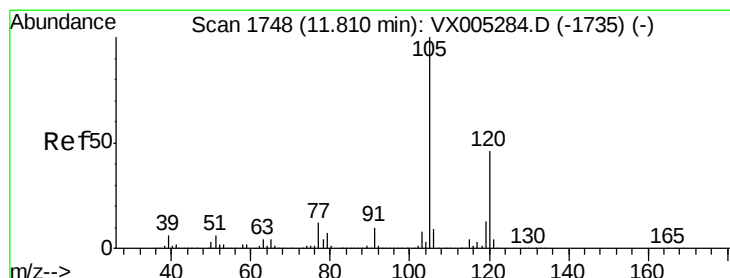
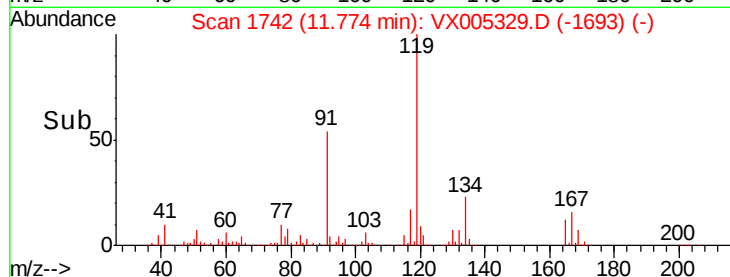
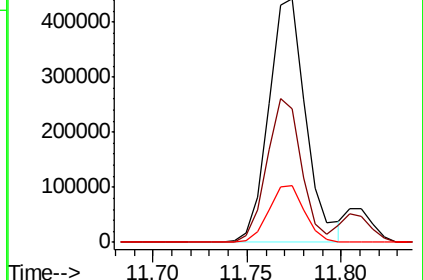
134 22.6 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 52.812 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.01 min

Lab File: VX005329.D

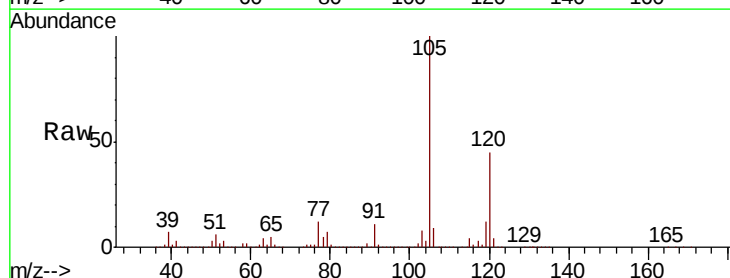
Acq: 15 Oct 2018 08:15

Tgt Ion:105 Resp: 621921

Ion Ratio Lower Upper

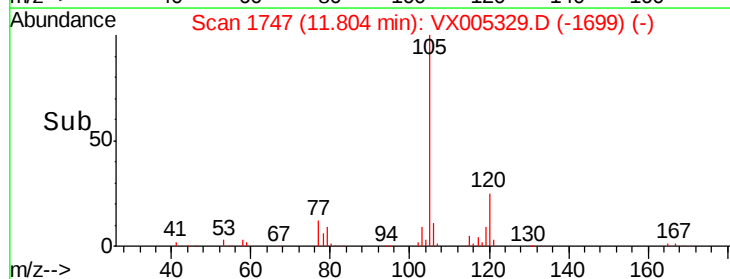
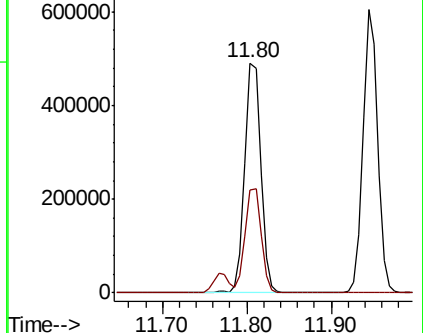
105 100

120 45.2 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

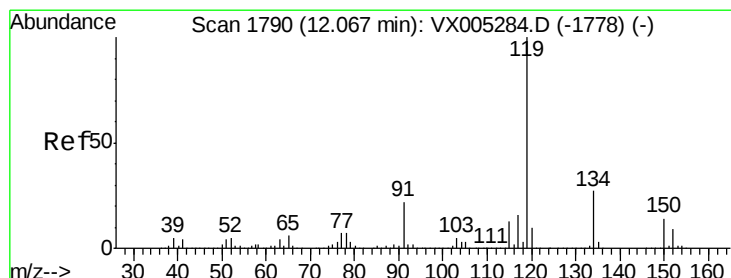
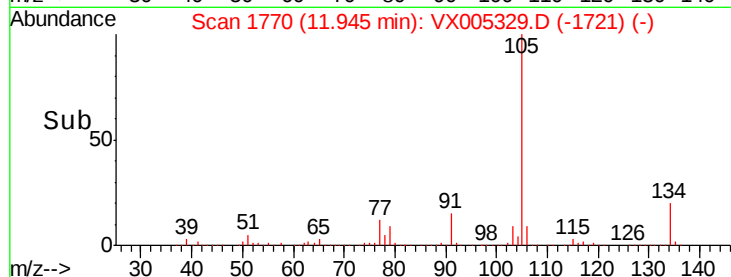
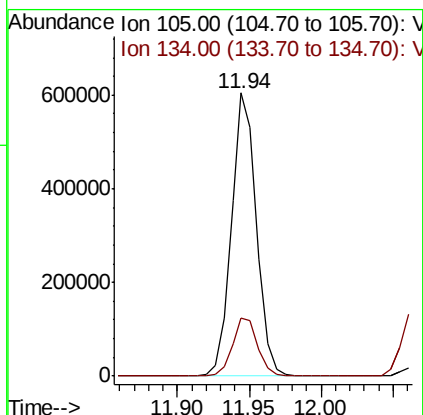
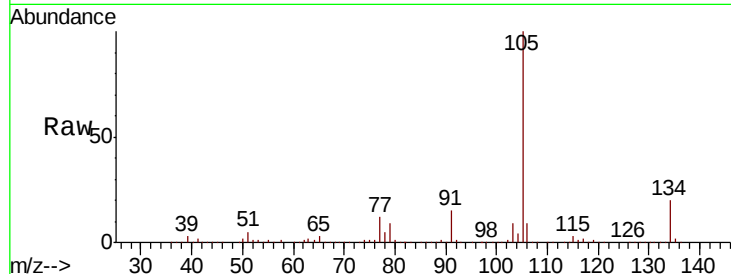




#85  
 sec-Butylbenzene  
 Concen: 53.417 ug/l  
 RT: 11.94 min Scan# 1770  
 Delta R.T. -0.00 min  
 Lab File: VX005329.D  
 Acq: 15 Oct 2018 08:15

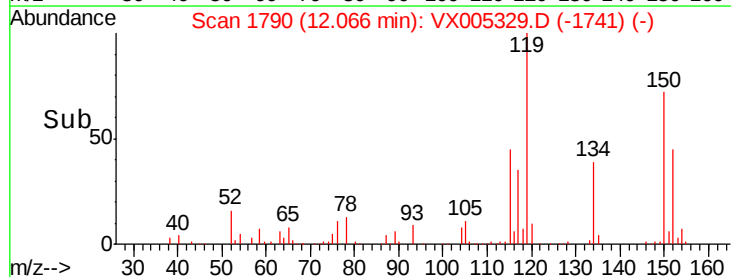
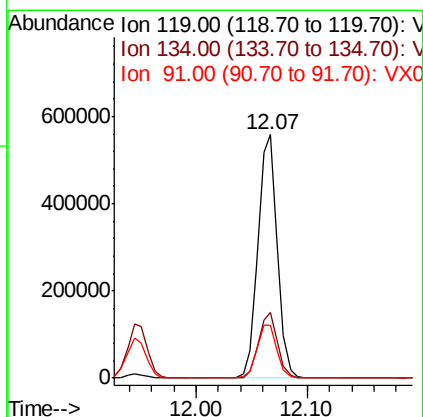
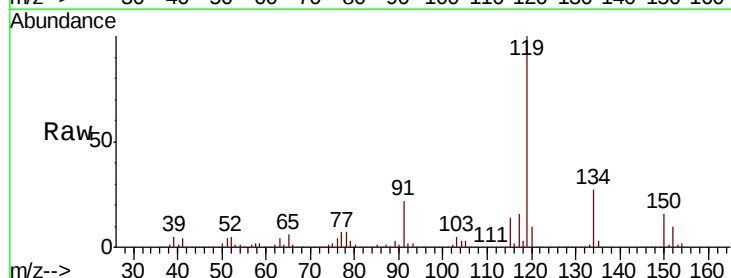
Instrument :  
 MSVOA\_X  
 ClientSampleId :

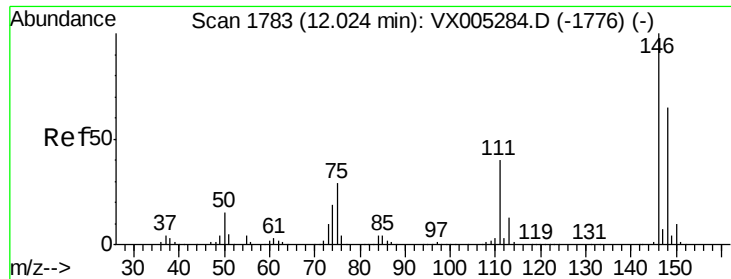
Tot Ion:105 Resp: 732525  
 Ion Ratio Lower Upper  
 105 100  
 134 20.8 10.5 31.5



#86  
 p-Isopropyltoluene  
 Concen: 54.313 ug/l  
 RT: 12.07 min Scan# 1790  
 Delta R.T. -0.00 min  
 Lab File: VX005329.D  
 Acq: 15 Oct 2018 08:15

Tgt Ion:119 Resp: 673195  
 Ion Ratio Lower Upper  
 119 100  
 134 26.5 13.4 40.2  
 91 22.5 10.9 32.7

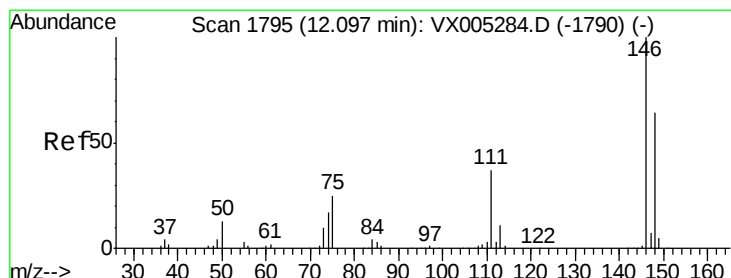
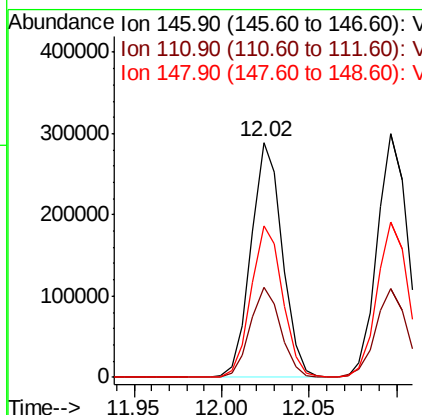
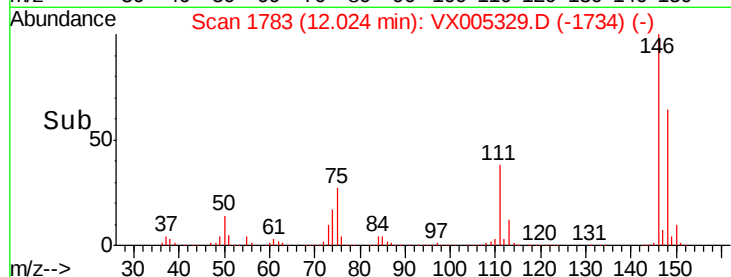
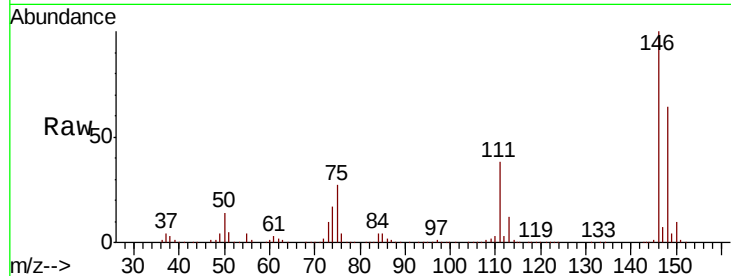




#87  
 1,3-Dichlorobenzene  
 Concen: 50.448 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. -0.00 min  
 Lab File: VX005329.D  
 Acq: 15 Oct 2018 08:15

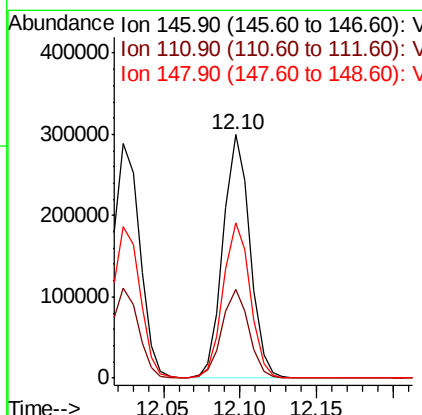
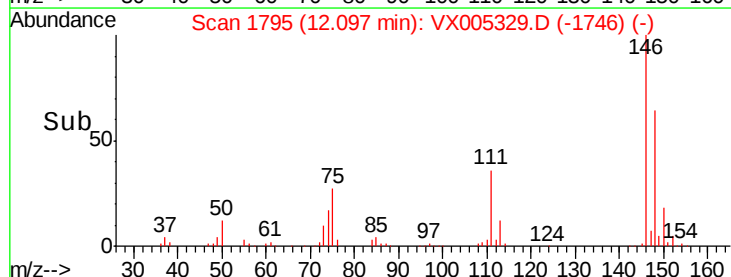
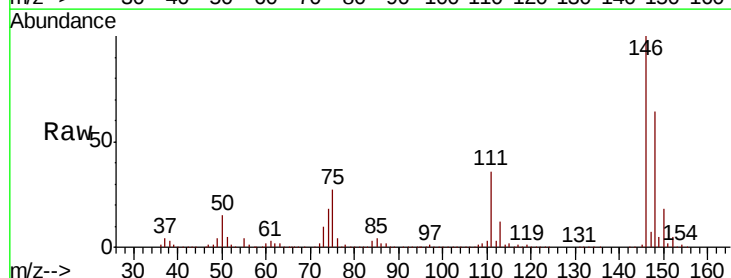
Instrument :  
 MSVOA\_X  
 ClientSampleId :

Tot Ion:146 Resp: 360177  
 Ion Ratio Lower Upper  
 146 100  
 111 37.6 18.7 56.1  
 148 64.9 32.1 96.5



#88  
 1,4-Dichlorobenzene  
 Concen: 50.021 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. -0.00 min  
 Lab File: VX005329.D  
 Acq: 15 Oct 2018 08:15

Tgt Ion:146 Resp: 365343  
 Ion Ratio Lower Upper  
 146 100  
 111 36.8 18.1 54.1  
 148 64.5 32.0 96.0

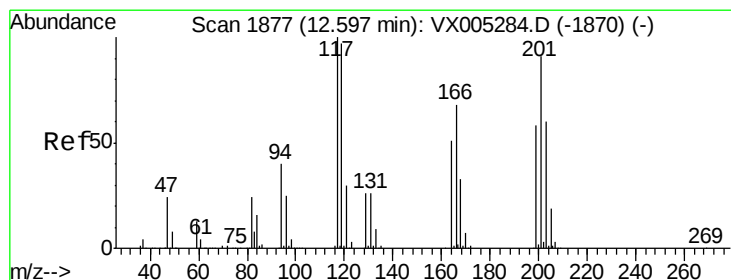
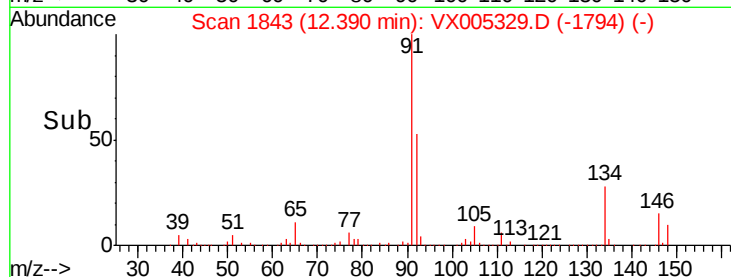
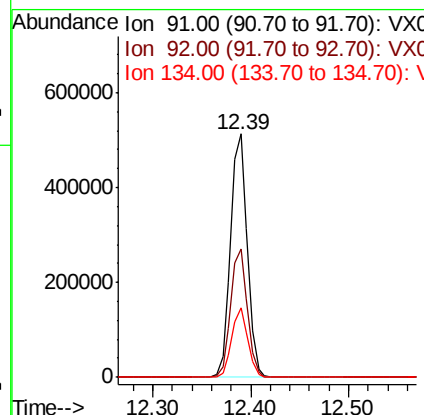
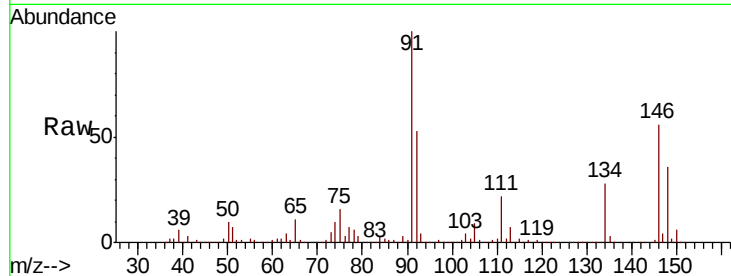




#89  
n-Butylbenzene  
Concen: 53.979 ug/l  
RT: 12.39 min Scan# 1843  
Delta R.T. -0.00 min  
Lab File: VX005329.D  
Acq: 15 Oct 2018 08:15

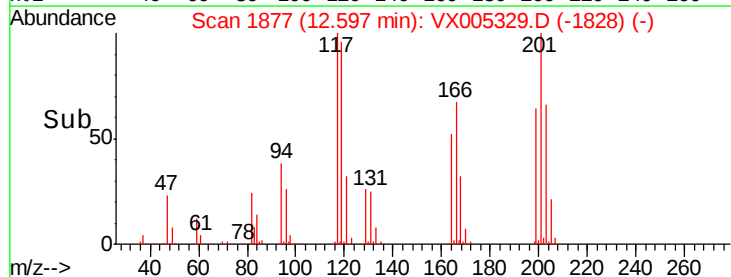
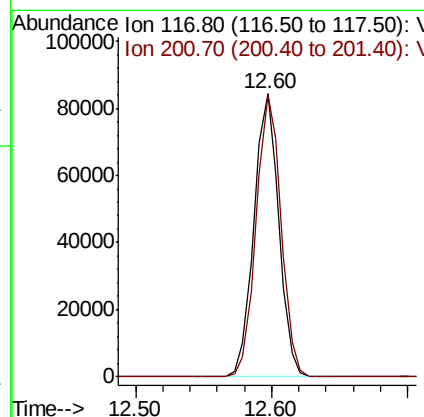
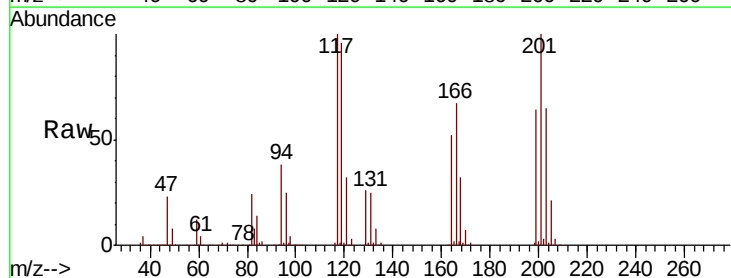
Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion: 91 Resp: 607476  
Ion Ratio Lower Upper  
91 100  
92 52.6 27.3 81.9  
134 27.5 13.6 40.7



#90  
Hexachloroethane  
Concen: 50.557 ug/l  
RT: 12.60 min Scan# 1877  
Delta R.T. -0.00 min  
Lab File: VX005329.D  
Acq: 15 Oct 2018 08:15

Tgt Ion: 117 Resp: 107996  
Ion Ratio Lower Upper  
117 100  
201 100.4 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 49.229 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA\_X

ClientSampled :

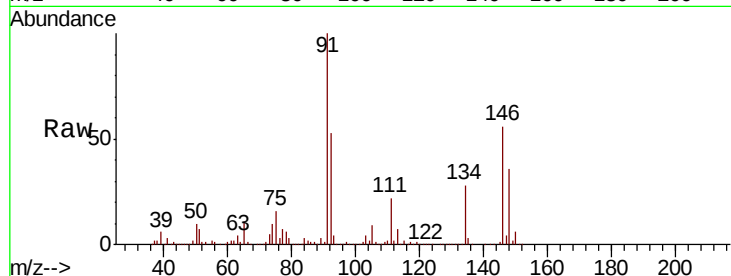
Tot Ion:146 Resp: 358672

Ion Ratio Lower Upper

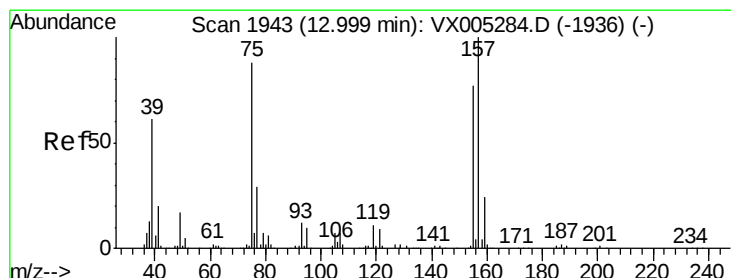
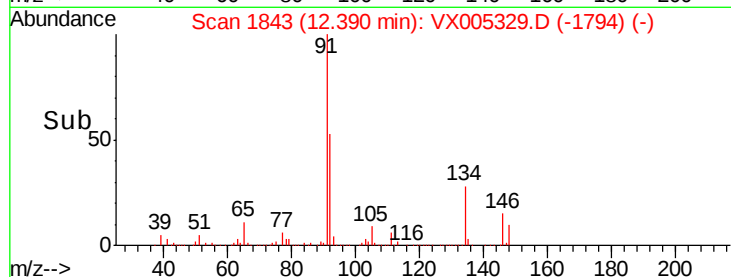
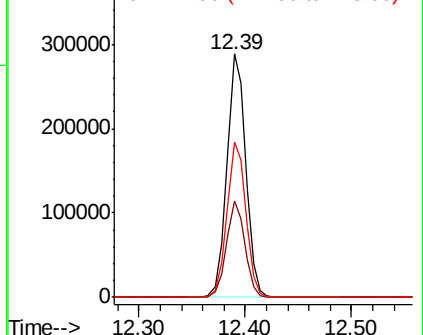
146 100

111 38.7 19.4 58.1

148 64.0 32.8 98.3



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.906 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

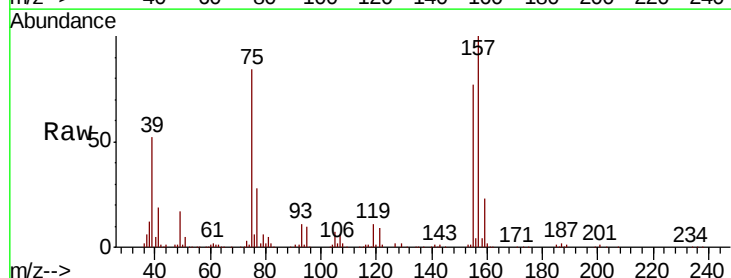
Tgt Ion: 75 Resp: 56446

Ion Ratio Lower Upper

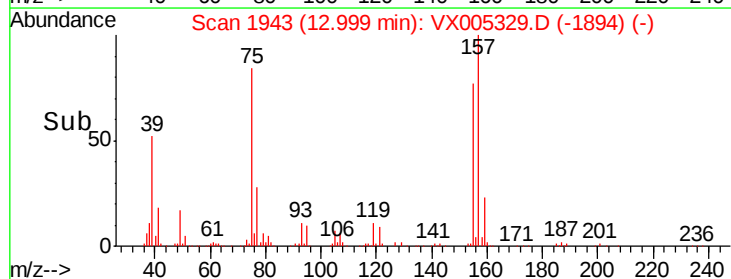
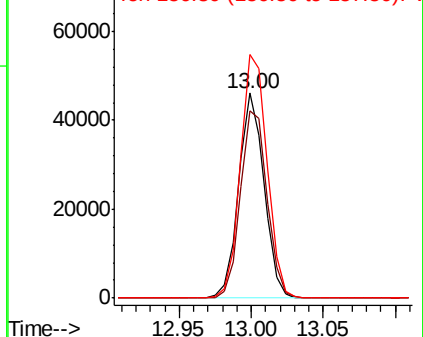
75 100

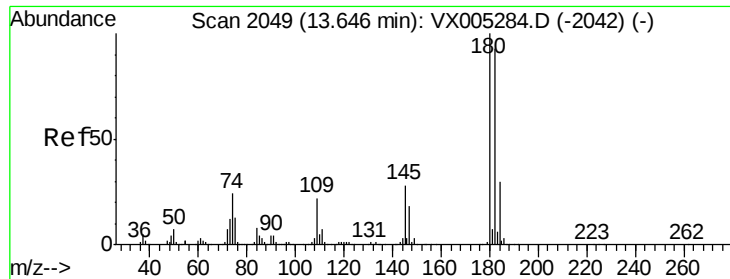
155 95.5 48.0 144.2

157 124.3 61.4 184.1



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

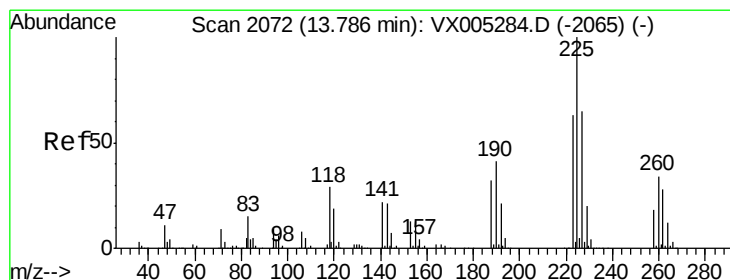
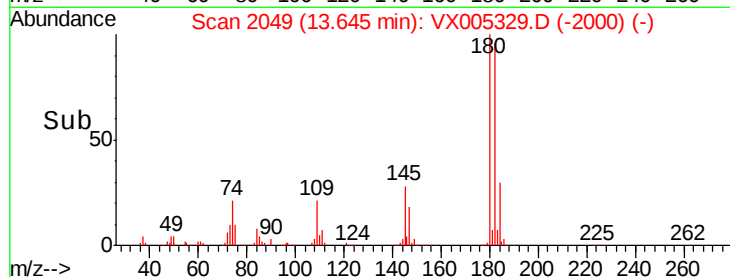
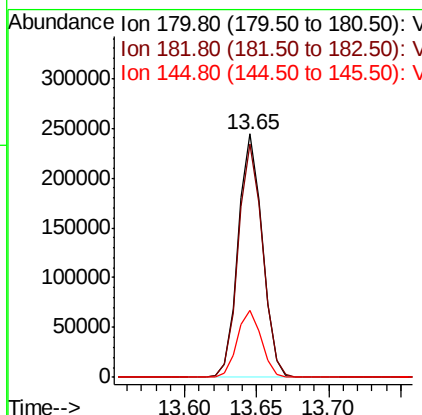
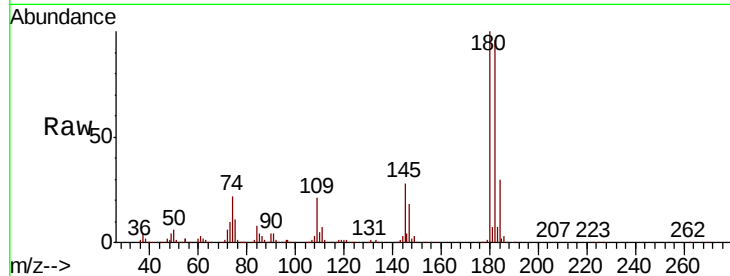




#93  
 1,2,4-Trichlorobenzene  
 Concen: 53.520 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. -0.00 min  
 Lab File: VX005329.D  
 Acq: 15 Oct 2018 08:15

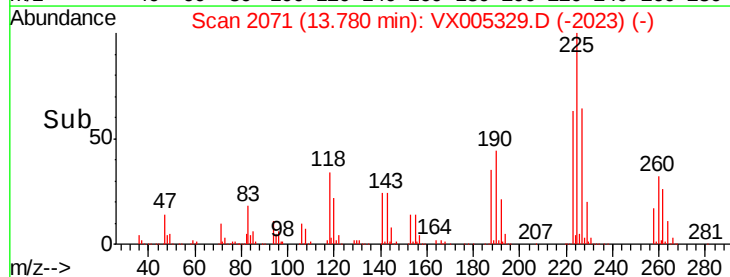
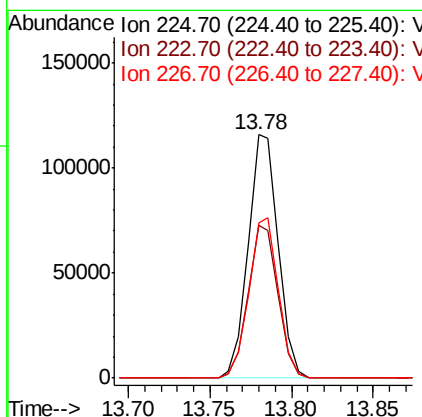
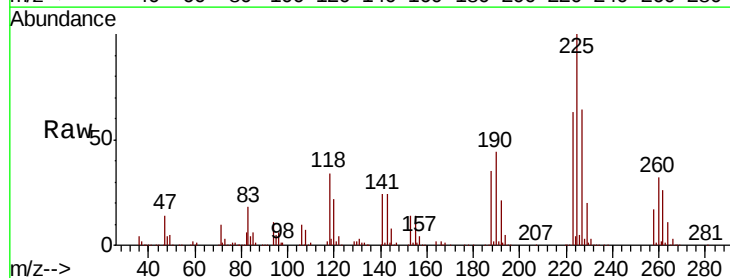
Instrument :  
 MSVOA\_X  
 ClientSampleId :

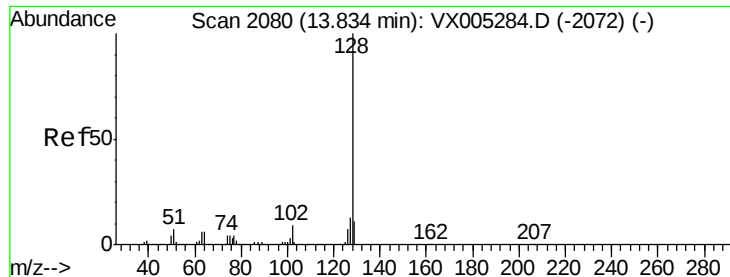
Tot Ion:180 Resp: 286085  
 Ion Ratio Lower Upper  
 180 100  
 182 96.4 48.4 145.0  
 145 27.8 14.3 42.9



#94  
 Hexachlorobutadiene  
 Concen: 52.610 ug/l  
 RT: 13.78 min Scan# 2071  
 Delta R.T. -0.01 min  
 Lab File: VX005329.D  
 Acq: 15 Oct 2018 08:15

Tgt Ion:225 Resp: 148527  
 Ion Ratio Lower Upper  
 225 100  
 223 62.2 30.1 90.5  
 227 64.8 30.8 92.4

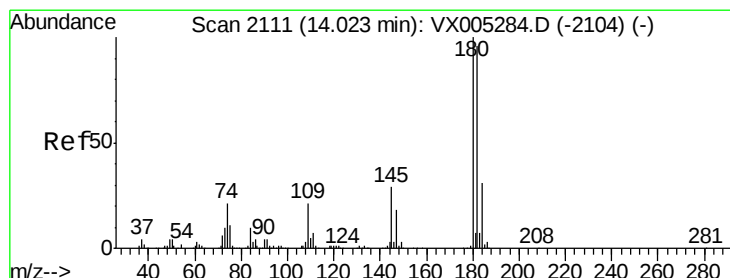
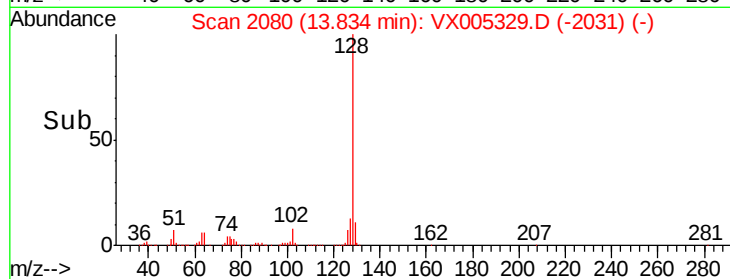
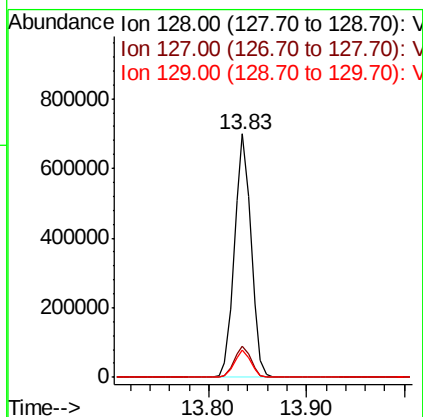
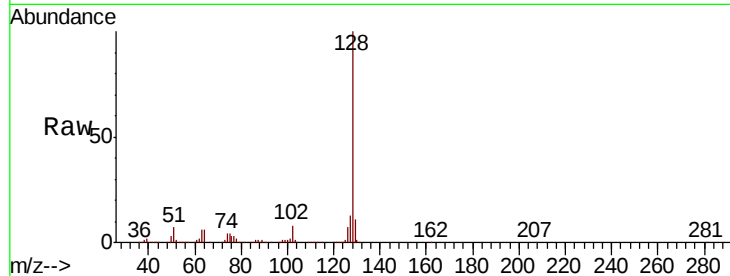




#95  
Naphthalene  
Concen: 52.911 ug/l  
RT: 13.83 min Scan# 2080  
Delta R.T. -0.00 min  
Lab File: VX005329.D  
Acq: 15 Oct 2018 08:15

Instrument :  
MSVOA\_X  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.0  | 10.2  | 15.2  |
| 129     | 11.0  | 8.6   | 12.8  |



#96  
1,2,3-Trichlorobenzene  
Concen: 51.874 ug/l  
RT: 14.02 min Scan# 2110  
Delta R.T. -0.01 min  
Lab File: VX005329.D  
Acq: 15 Oct 2018 08:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.0  | 48.5  | 145.6 |
| 145     | 29.5  | 14.9  | 44.9  |

