

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082120\  
 Data File : VX018044.D  
 Acq On : 20 Aug 2020 20:08  
 Operator : JC/SP  
 Sample : VSTDICCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Aug 21 02:40:09 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X082120W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 21 02:36:33 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.63  | 168  | 578708   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.84  | 114  | 936490   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 905703   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 456547   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.03  | 65   | 386312   | 49.95 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.90%  |          |
| 35) Dibromofluoromethane    | 5.47  | 113  | 311975   | 51.46 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.92% |          |
| 50) Toluene-d8              | 8.70  | 98   | 1169914  | 50.48 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.96% |          |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 460787   | 51.90 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 103.80% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.18 | 85   | 372799   | 58.933  | ug/l  | 100    |
| 3) Chloromethane              | 1.31 | 50   | 365629   | 51.060  | ug/l  | 100    |
| 4) Vinyl Chloride             | 1.39 | 62   | 373664   | 49.218  | ug/l  | 100    |
| 5) Bromomethane               | 1.62 | 94   | 182390   | 47.813  | ug/l  | 100    |
| 6) Chloroethane               | 1.71 | 64   | 203002   | 44.976  | ug/l  | 100    |
| 7) Trichlorofluoromethane     | 1.92 | 101  | 510939   | 51.075  | ug/l  | 100    |
| 8) Diethyl Ether              | 2.17 | 74   | 170466   | 41.747  | ug/l  | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 2.36 | 101  | 270863   | 47.556  | ug/l  | 100    |
| 10) Methyl Iodide             | 2.49 | 142  | 274050   | 38.019  | ug/l  | 100    |
| 11) Tert butyl alcohol        | 3.02 | 59   | 384743   | 208.102 | ug/l  | 100    |
| 12) 1,1-Dichloroethene        | 2.36 | 96   | 277790   | 46.673  | ug/l  | 100    |
| 13) Acrolein                  | 2.28 | 56   | 158702   | 144.690 | ug/l  | 100    |
| 14) Allyl chloride            | 2.71 | 41   | 517905   | 47.361  | ug/l  | 100    |
| 15) Acrylonitrile             | 3.12 | 53   | 879085   | 224.130 | ug/l  | 100    |
| 16) Acetone                   | 2.42 | 43   | 745128   | 223.463 | ug/l  | 100    |
| 17) Carbon Disulfide          | 2.55 | 76   | 809195   | 40.136  | ug/l  | 100    |
| 18) Methyl Acetate            | 2.75 | 43   | 376560   | 45.707  | ug/l  | 100    |
| 19) Methyl tert-butyl Ether   | 3.17 | 73   | 979324   | 47.701  | ug/l  | 100    |
| 20) Methylene Chloride        | 2.83 | 84   | 328488   | 47.007  | ug/l  | 100    |
| 21) trans-1,2-Dichloroethene  | 3.14 | 96   | 303468   | 45.602  | ug/l  | 100    |
| 22) Diisopropyl ether         | 3.83 | 45   | 1016591  | 48.965  | ug/l  | 100    |
| 23) Vinyl Acetate             | 3.79 | 43   | 4639224  | 253.624 | ug/l  | 100    |
| 24) 1,1-Dichloroethane        | 3.67 | 63   | 573838   | 49.331  | ug/l  | 100    |
| 25) 2-Butanone                | 4.64 | 43   | 1277799  | 236.624 | ug/l  | 100    |
| 26) 2,2-Dichloropropane       | 4.55 | 77   | 456691   | 43.801  | ug/l  | 100    |
| 27) cis-1,2-Dichloroethene    | 4.56 | 96   | 348115   | 47.774  | ug/l  | 100    |
| 28) Bromochloromethane        | 4.98 | 49   | 268315   | 50.162  | ug/l  | 100    |
| 29) Tetrahydrofuran           | 5.09 | 42   | 833013   | 233.054 | ug/l  | 100    |
| 30) Chloroform                | 5.18 | 83   | 588862   | 50.645  | ug/l  | 100    |
| 31) Cyclohexane               | 5.55 | 56   | 483414   | 46.591  | ug/l  | 100    |
| 32) 1,1,1-Trichloroethane     | 5.47 | 97   | 538242   | 50.864  | ug/l  | 100    |
| 36) 1,1-Dichloropropene       | 5.77 | 75   | 438771   | 47.748  | ug/l  | 100    |
| 37) Ethyl Acetate             | 4.80 | 43   | 496663   | 47.074  | ug/l  | 100    |
| 38) Carbon Tetrachloride      | 5.75 | 117  | 495157   | 52.291  | ug/l  | 100    |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX082120\  
 Data File : VX018044.D  
 Acq On : 20 Aug 2020 20:08  
 Operator : JC/SP  
 Sample : VSTDICCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Aug 21 02:40:09 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X082120W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 21 02:36:33 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 39) Methylcyclohexane          | 7.44  | 83   | 485222   | 44.584  | ug/l  | 100      |
| 40) Benzene                    | 6.11  | 78   | 1264445  | 47.240  | ug/l  | 100      |
| 41) Methacrylonitrile          | 5.01  | 41   | 271972   | 47.666  | ug/l  | 100      |
| 42) 1,2-Dichloroethane         | 6.17  | 62   | 484192   | 49.707  | ug/l  | 100      |
| 43) Isopropyl Acetate          | 6.42  | 43   | 821383   | 48.472  | ug/l  | 100      |
| 44) Trichloroethene            | 7.19  | 130  | 359464   | 38.849  | ug/l  | 100      |
| 45) 1,2-Dichloropropane        | 7.49  | 63   | 346355   | 50.622  | ug/l  | 100      |
| 46) Dibromomethane             | 7.64  | 93   | 237423   | 50.846  | ug/l  | 100      |
| 47) Bromodichloromethane       | 7.88  | 83   | 489106   | 51.561  | ug/l  | 100      |
| 48) Methyl methacrylate        | 7.75  | 41   | 407920   | 50.469  | ug/l  | 100      |
| 49) 1,4-Dioxane                | 7.71  | 88   | 156303   | 833.353 | ug/l  | 100      |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 2595517  | 250.249 | ug/l  | 100      |
| 52) Toluene                    | 8.77  | 92   | 813962   | 48.674  | ug/l  | 100      |
| 53) t-1,3-Dichloropropene      | 9.02  | 75   | 544726   | 48.560  | ug/l  | 100      |
| 54) cis-1,3-Dichloropropene    | 8.42  | 75   | 570257   | 48.690  | ug/l  | 100      |
| 55) 1,1,2-Trichloroethane      | 9.20  | 97   | 344894   | 51.839  | ug/l  | 100      |
| 56) Ethyl methacrylate         | 9.16  | 69   | 528420   | 49.353  | ug/l  | 100      |
| 57) 1,3-Dichloropropane        | 9.35  | 76   | 571346   | 49.573  | ug/l  | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.29  | 63   | 1156981  | 208.387 | ug/l  | 100      |
| 59) 2-Hexanone                 | 9.48  | 43   | 2007628  | 246.796 | ug/l  | 100      |
| 60) Dibromochloromethane       | 9.57  | 129  | 410143   | 55.417  | ug/l  | 100      |
| 61) 1,2-Dibromoethane          | 9.65  | 107  | 375363   | 52.159  | ug/l  | 100      |
| 64) Tetrachloroethene          | 9.32  | 164  | 334643   | 32.107  | ug/l  | 100      |
| 65) Chlorobenzene              | 10.12 | 112  | 914834   | 48.451  | ug/l  | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.21 | 131  | 364493   | 51.732  | ug/l  | 100      |
| 67) Ethyl Benzene              | 10.24 | 91   | 1600649  | 47.791  | ug/l  | 100      |
| 68) m/p-Xylenes                | 10.34 | 106  | 1221435  | 97.304  | ug/l  | 100      |
| 69) o-Xylene                   | 10.68 | 106  | 578209   | 48.008  | ug/l  | 100      |
| 70) Styrene                    | 10.70 | 104  | 1016235  | 49.578  | ug/l  | 100      |
| 71) Bromoform                  | 10.84 | 173  | 315675   | 54.749  | ug/l  | 100      |
| 73) Isopropylbenzene           | 11.01 | 105  | 1574584  | 47.866  | ug/l  | 100      |
| 74) N-amyl acetate             | 10.88 | 43   | 766107   | 49.610  | ug/l  | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 11.25 | 83   | 514839   | 79.286  | ug/l  | 100      |
| 76) 1,2,3-Trichloropropane     | 11.28 | 75   | 651393   | 63.303  | ug/l  | 85       |
| 77) Bromobenzene               | 11.24 | 156  | 410625   | 48.009  | ug/l  | 100      |
| 78) n-propylbenzene            | 11.35 | 91   | 1775421  | 46.503  | ug/l  | 100      |
| 79) 2-Chlorotoluene            | 11.40 | 91   | 1091093  | 48.018  | ug/l  | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.49 | 105  | 1326303  | 47.729  | ug/l  | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.06 | 75   | 190760   | 45.172  | ug/l  | 100      |
| 82) 4-Chlorotoluene            | 11.49 | 91   | 1285946  | 47.991  | ug/l  | 100      |
| 83) tert-Butylbenzene          | 11.76 | 119  | 1273333  | 52.132  | ug/l  | 100      |
| 84) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 1345486  | 47.849  | ug/l  | 100      |
| 85) sec-Butylbenzene           | 11.93 | 105  | 1473264  | 45.865  | ug/l  | 100      |
| 86) p-Isopropyltoluene         | 12.05 | 119  | 1376737  | 46.168  | ug/l  | 100      |
| 87) 1,3-Dichlorobenzene        | 12.01 | 146  | 715497   | 46.766  | ug/l  | 100      |
| 88) 1,4-Dichlorobenzene        | 12.08 | 146  | 719607   | 46.396  | ug/l  | 100      |
| 89) n-Butylbenzene             | 12.37 | 91   | 1206499  | 44.377  | ug/l  | 100      |
| 90) Hexachloroethane           | 12.58 | 117  | 261863   | 50.442  | ug/l  | 100      |
| 91) 1,2-Dichlorobenzene        | 12.38 | 146  | 700533   | 47.430  | ug/l  | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75   | 128595   | 47.335  | ug/l  | 100      |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082120\  
Data File : VX018044.D  
Acq On : 20 Aug 2020 20:08  
Operator : JC/SP  
Sample : VSTDICCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 27 Sample Multiplier: 1

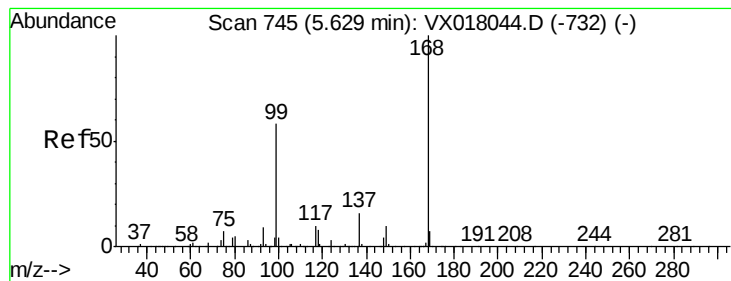
Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Aug 21 02:40:09 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X082120W.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 21 02:36:33 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.63 | 180  | 461784   | 42.796 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 13.77 | 225  | 178024   | 36.498 | ug/l  | 100      |
| 95) Naphthalene            | 13.82 | 128  | 1578372  | 45.159 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.00 | 180  | 447982   | 42.742 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA\_X

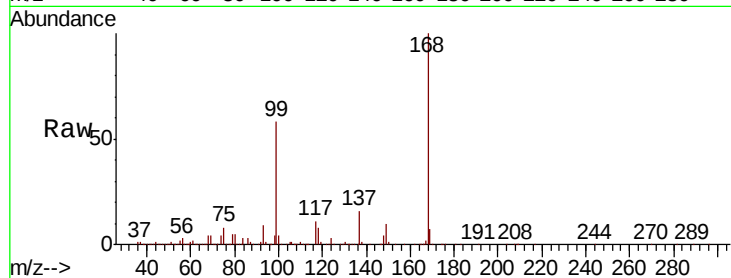
ClientSampleId :

Tot Ion:168 Resp: 578708

Ion Ratio Lower Upper

168 100

99 57.9 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): VX018044.D (-732) (-)

Ion 98.90 (98.60 to 99.60): VX018044.D (-732) (-)

5.63

200000

150000

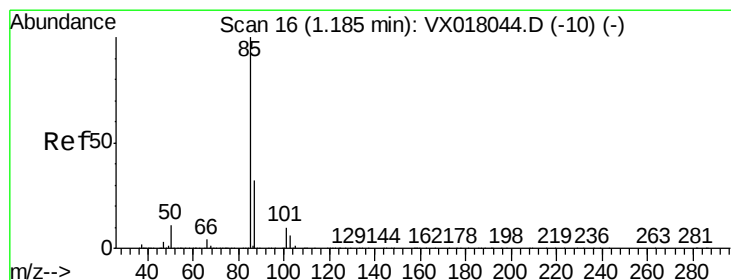
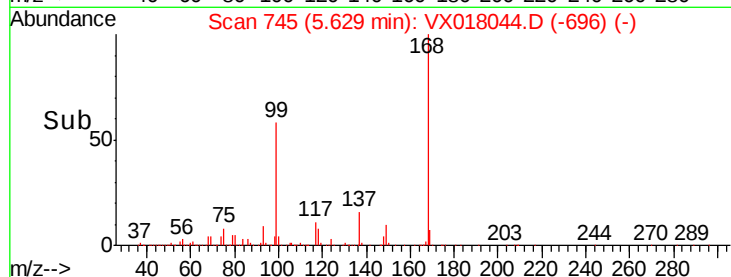
100000

50000

0

5.50 5.60 5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 58.933 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018044.D

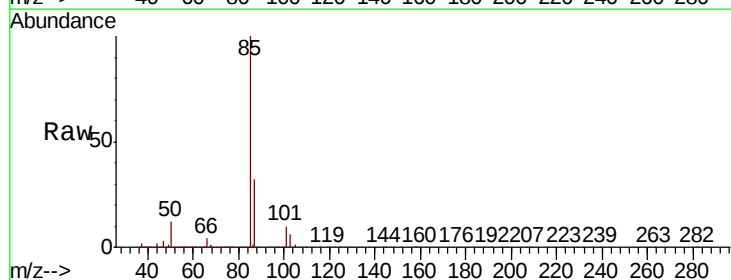
Acq: 20 Aug 2020 20:08

Tgt Ion: 85 Resp: 372799

Ion Ratio Lower Upper

85 100

87 32.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX018044.D (-10) (-)

Ion 86.90 (86.60 to 87.60): VX018044.D (-10) (-)

1.18

500000

400000

300000

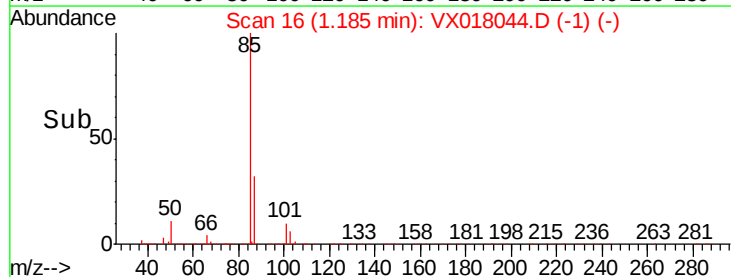
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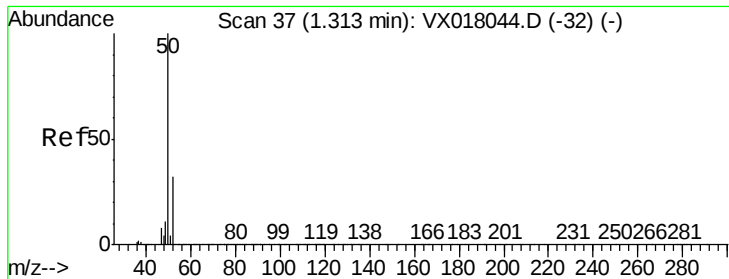
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0

1.10 1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 51.060 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA\_X

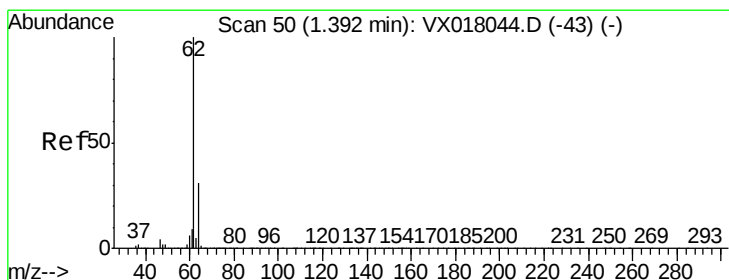
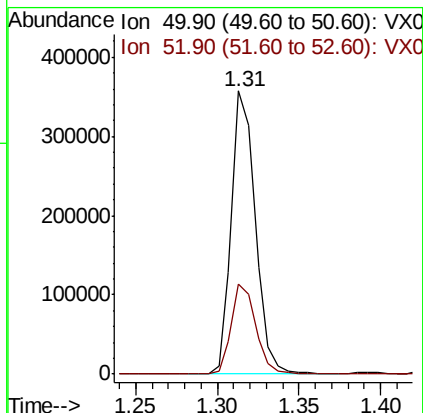
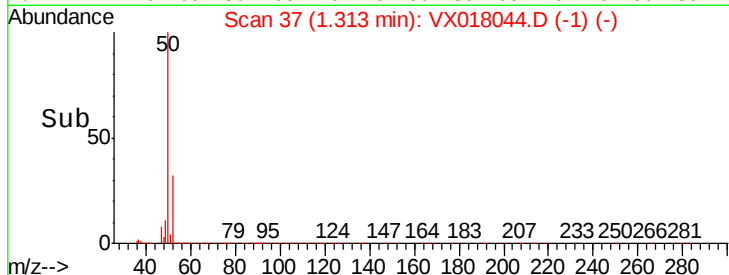
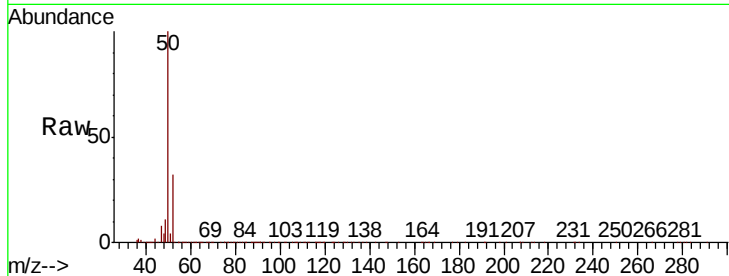
ClientSampleId :

Tot Ion: 50 Resp: 365629

Ion Ratio Lower Upper

50 100

52 31.8 25.4 38.2



#4

Vinyl Chloride

Concen: 49.218 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018044.D

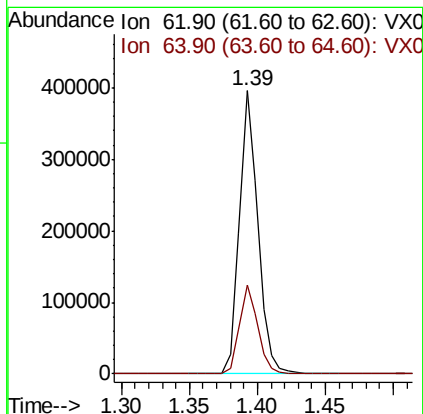
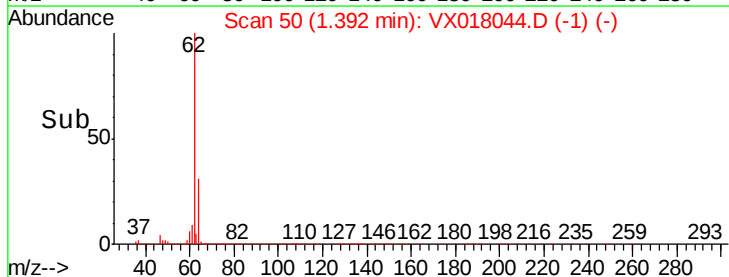
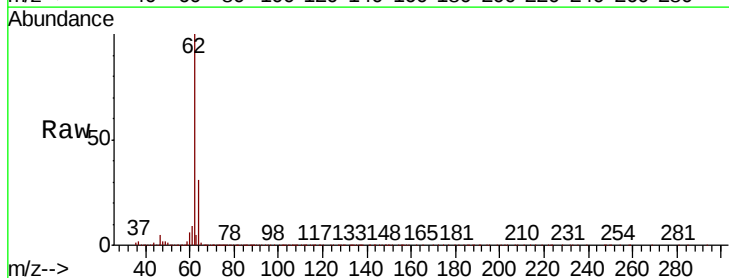
Acq: 20 Aug 2020 20:08

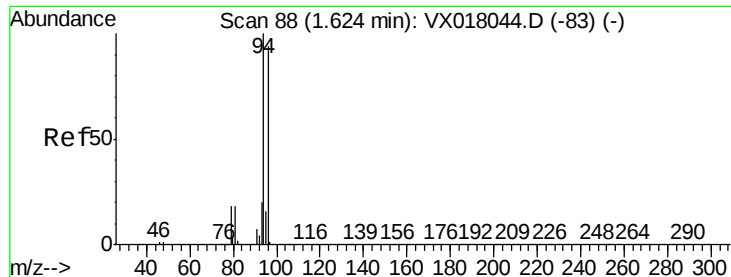
Tgt Ion: 62 Resp: 373664

Ion Ratio Lower Upper

62 100

64 31.4 25.1 37.7





#5

Bromomethane

Concen: 47.813 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA\_X

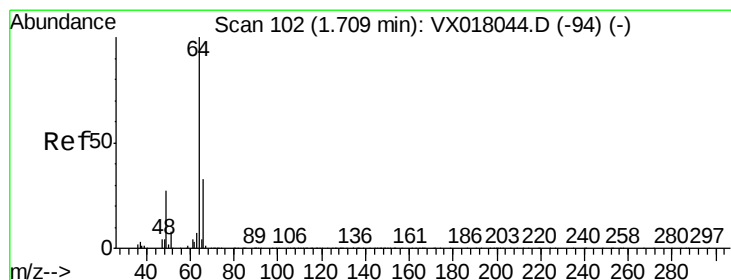
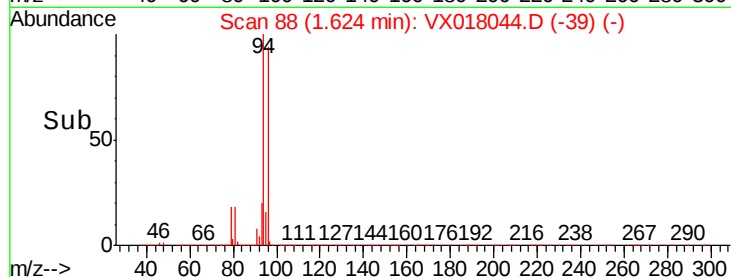
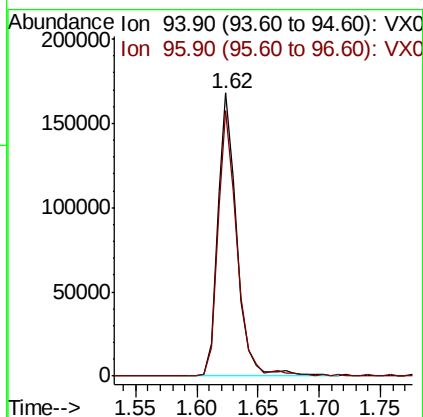
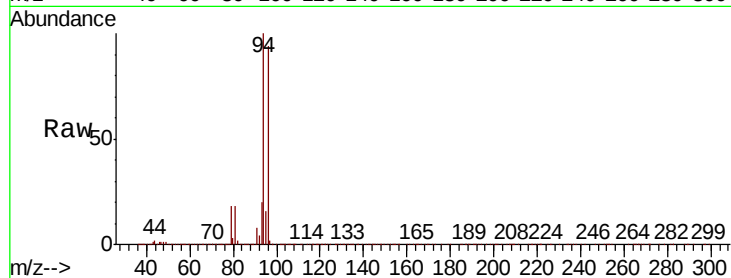
ClientSampleId :

Tot Ion: 94 Resp: 182390

Ion Ratio Lower Upper

94 100

96 93.5 74.8 112.2



#6

Chloroethane

Concen: 44.976 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX018044.D

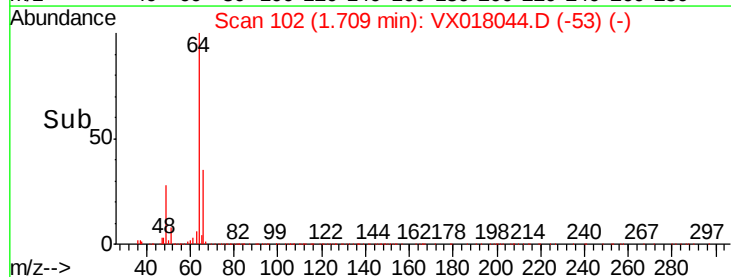
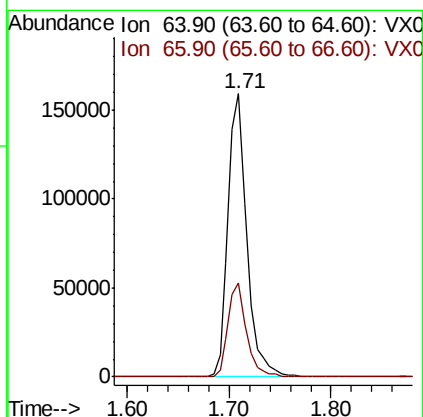
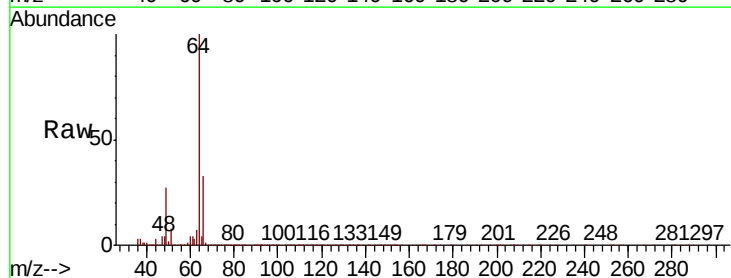
Acq: 20 Aug 2020 20:08

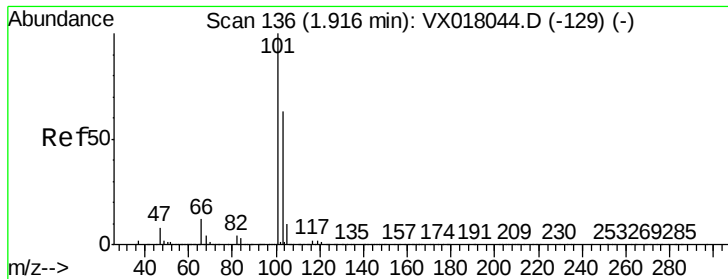
Tgt Ion: 64 Resp: 203002

Ion Ratio Lower Upper

64 100

66 33.2 26.6 39.8



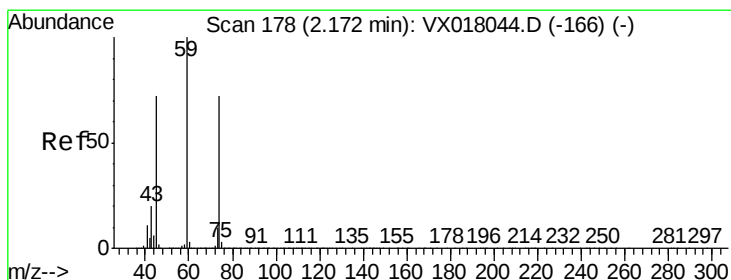
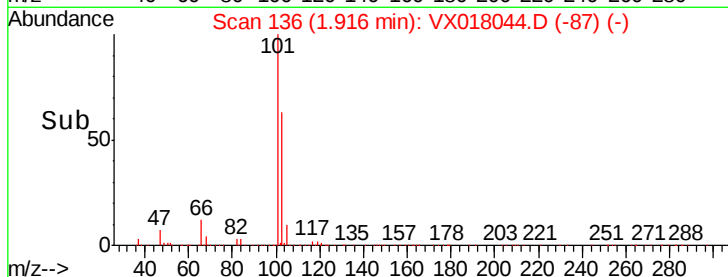
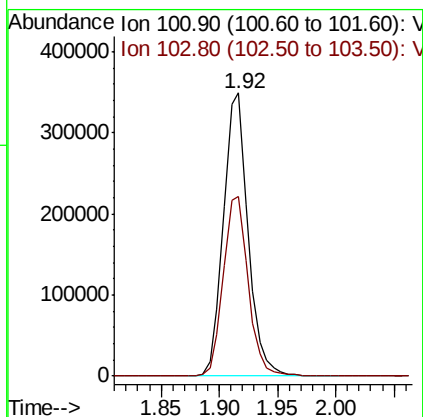
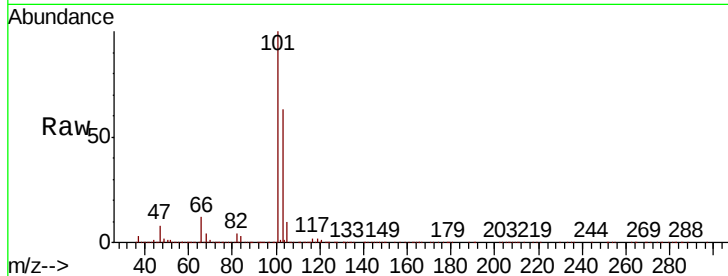


#7

Trichlorofluoromethane  
Concen: 51.075 ug/l  
RT: 1.92 min Scan# 136  
Delta R.T. 0.00 min  
Lab File: VX018044.D  
Acq: 20 Aug 2020 20:08

Instrument :  
MSVOA\_X  
ClientSampleId :

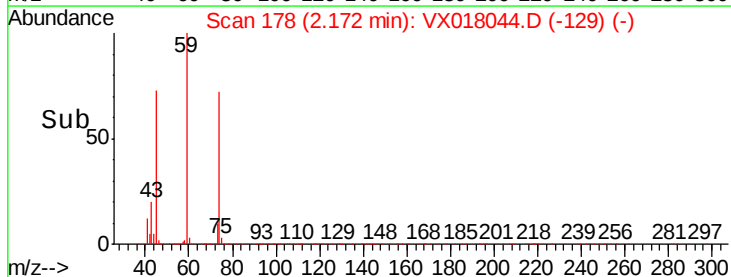
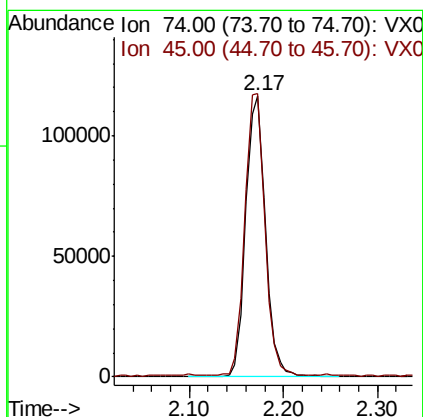
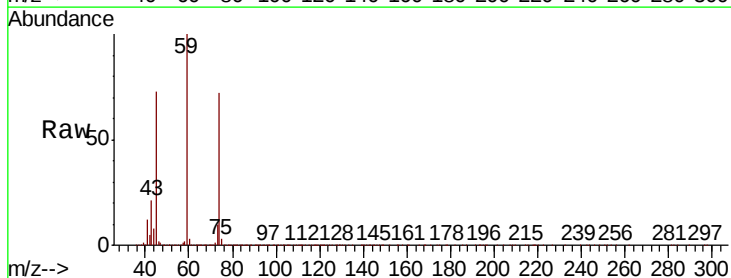
Tot Ion:101 Resp: 510939  
Ion Ratio Lower Upper  
101 100  
103 63.4 50.7 76.1

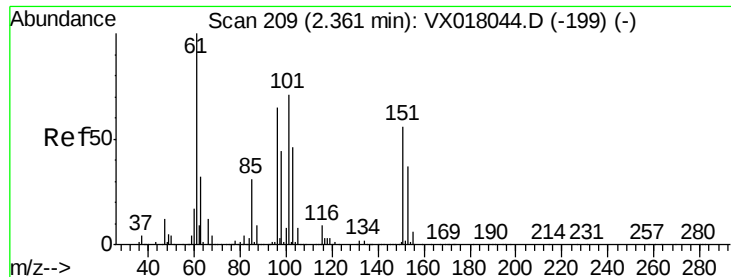


#8

Diethyl Ether  
Concen: 41.747 ug/l  
RT: 2.17 min Scan# 178  
Delta R.T. 0.00 min  
Lab File: VX018044.D  
Acq: 20 Aug 2020 20:08

Tgt Ion: 74 Resp: 170466  
Ion Ratio Lower Upper  
74 100  
45 101.5 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.556 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA\_X

ClientSampleId :

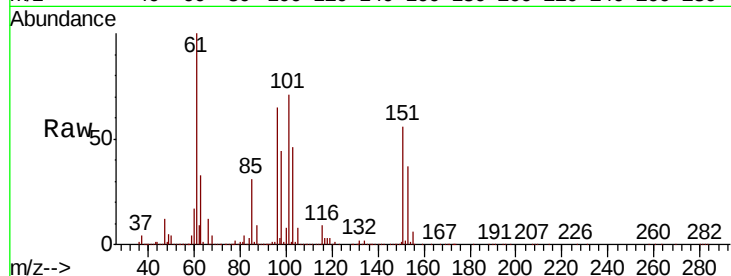
Tot Ion:101 Resp: 270863

Ion Ratio Lower Upper

101 100

85 42.5 34.0 51.0

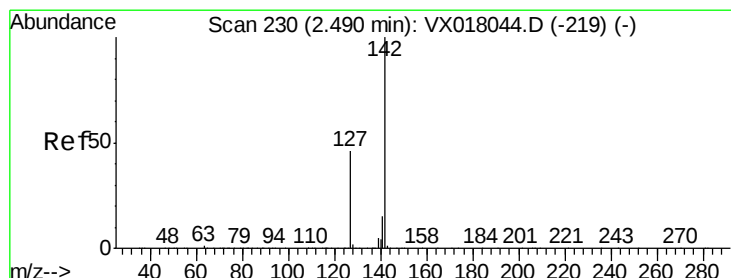
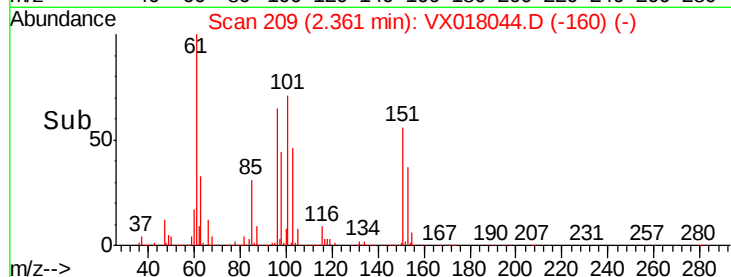
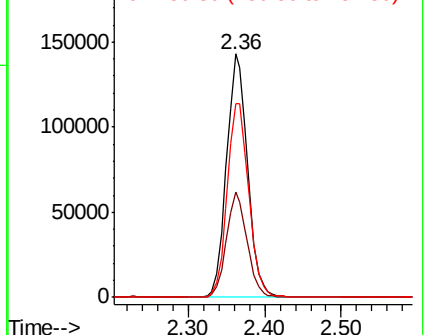
151 81.5 65.2 97.8



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: 38.019 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

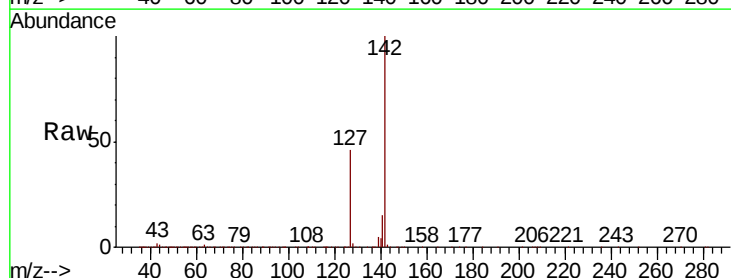
Tgt Ion:142 Resp: 274050

Ion Ratio Lower Upper

142 100

127 46.3 37.0 55.6

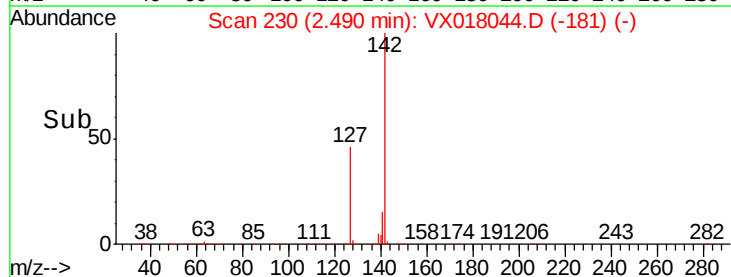
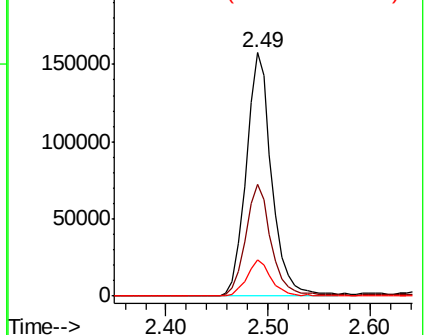
141 14.4 11.5 17.3

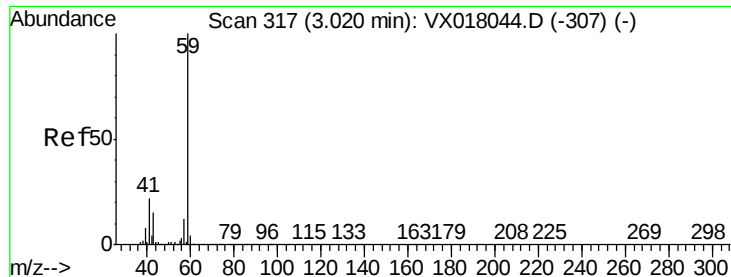


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

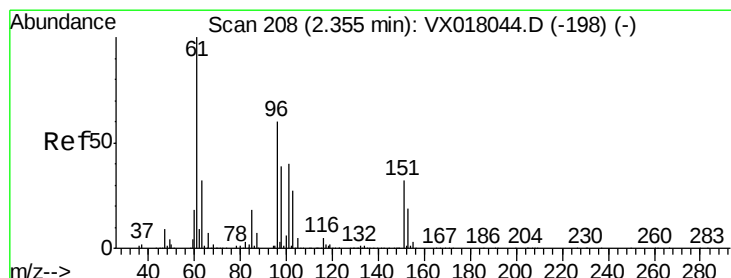
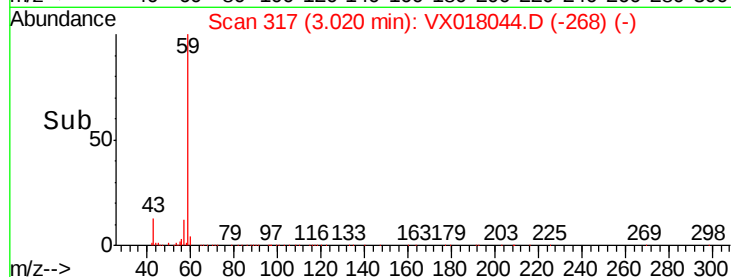
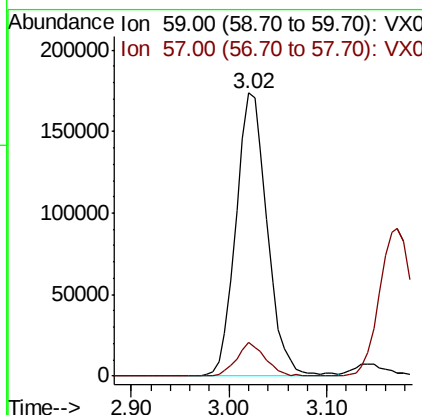
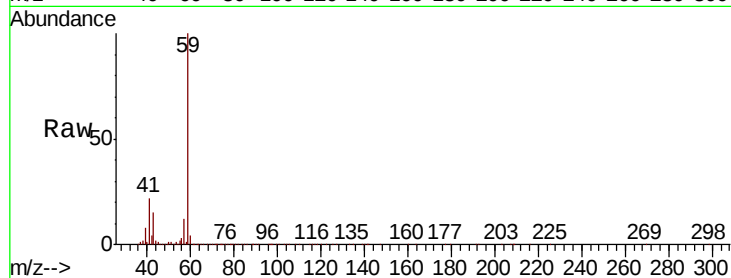




#11  
Tert butyl alcohol  
Concen: 208.102 ug/l  
RT: 3.02 min Scan# 317  
Delta R.T. 0.00 min  
Lab File: VX018044.D  
Acq: 20 Aug 2020 20:08

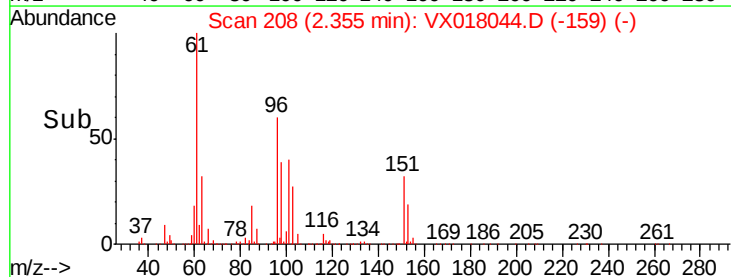
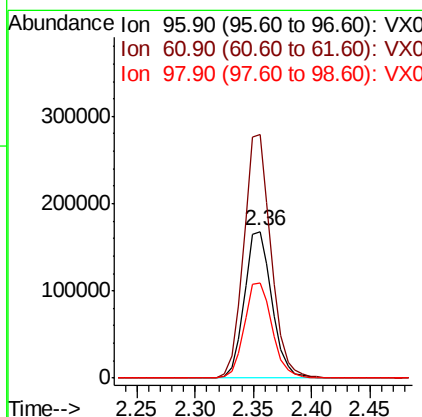
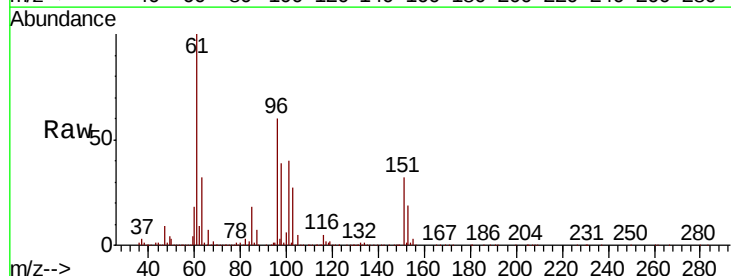
Instrument :  
MSVOA\_X  
ClientSampleId :

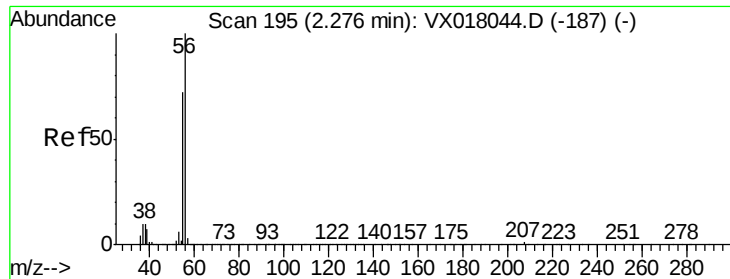
Tot Ion: 59 Resp: 384743  
Ion Ratio Lower Upper  
59 100  
57 11.1 8.9 13.3



#12  
1,1-Dichloroethene  
Concen: 46.673 ug/l  
RT: 2.36 min Scan# 208  
Delta R.T. 0.00 min  
Lab File: VX018044.D  
Acq: 20 Aug 2020 20:08

Tgt Ion: 96 Resp: 277790  
Ion Ratio Lower Upper  
96 100  
61 166.2 133.0 199.4  
98 64.5 51.6 77.4

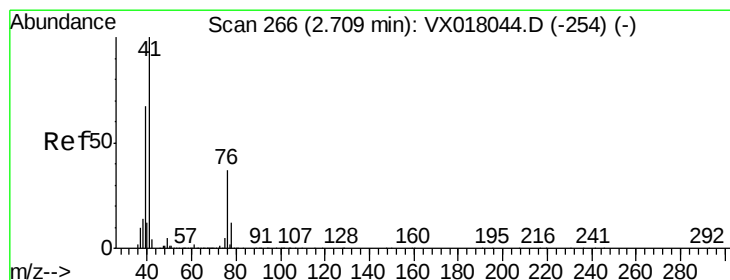
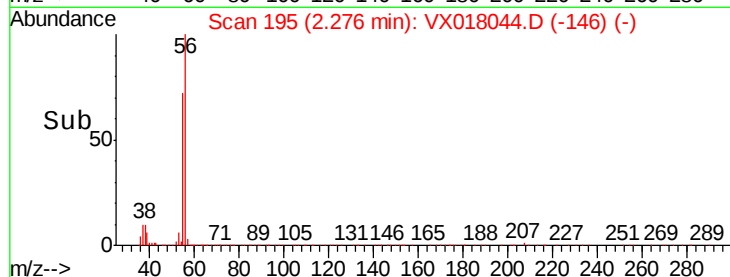
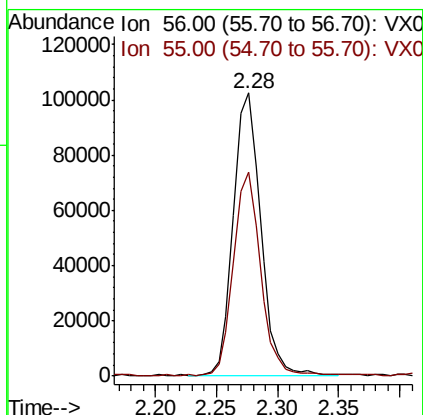
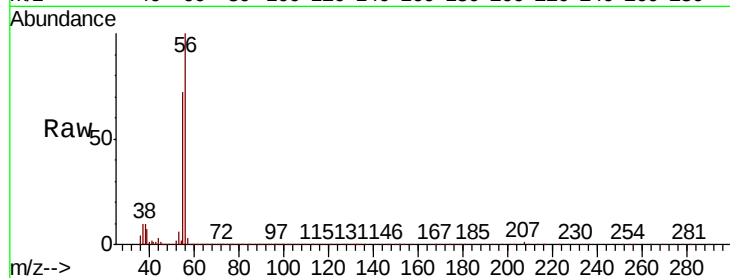




#13  
 Acrolein  
 Concen: 144.690 ug/l  
 RT: 2.28 min Scan# 195  
 Delta R.T. 0.00 min  
 Lab File: VX018044.D  
 Acq: 20 Aug 2020 20:08

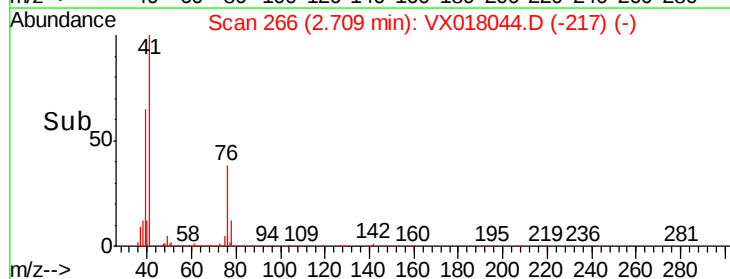
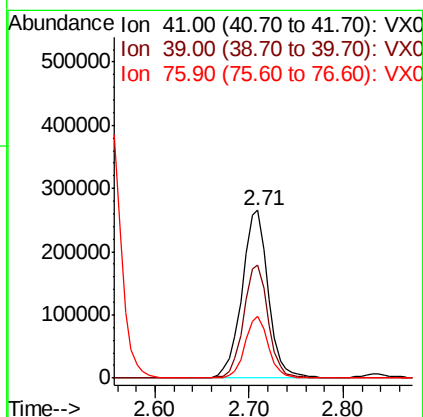
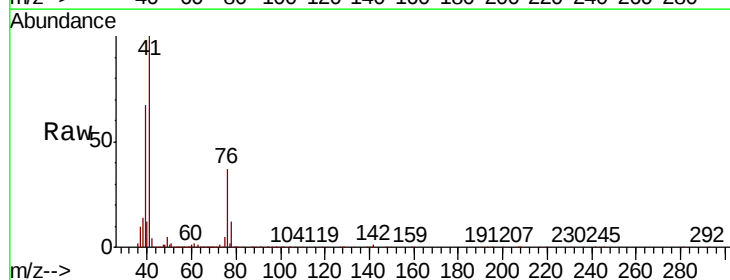
Instrument :  
 MSVOA\_X  
 ClientSampleId :

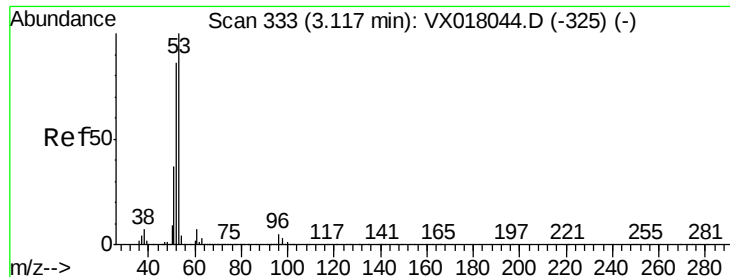
Tot Ion: 56 Resp: 158702  
 Ion Ratio Lower Upper  
 56 100  
 55 71.3 57.0 85.6



#14  
 Allyl chloride  
 Concen: 47.361 ug/l  
 RT: 2.71 min Scan# 266  
 Delta R.T. 0.00 min  
 Lab File: VX018044.D  
 Acq: 20 Aug 2020 20:08

Tgt Ion: 41 Resp: 517905  
 Ion Ratio Lower Upper  
 41 100  
 39 63.3 50.6 76.0  
 76 32.7 26.2 39.2





#15

Acrylonitrile

Concen: 224.130 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :  
MSVOA\_X  
ClientSampled :

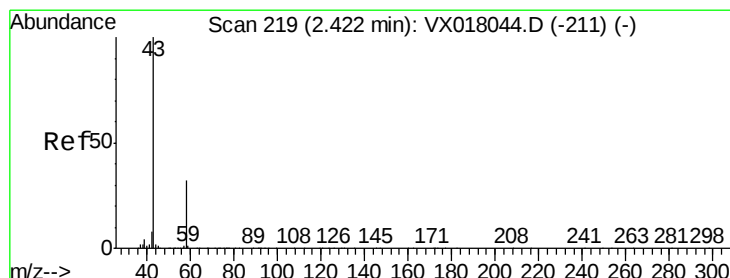
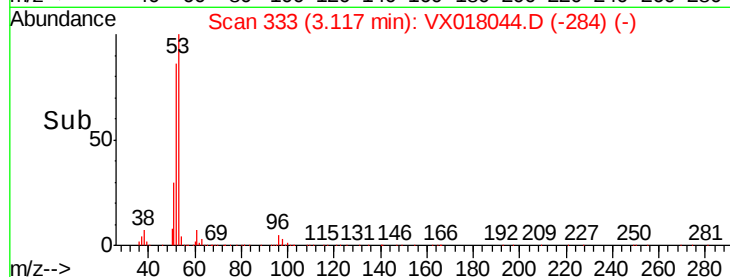
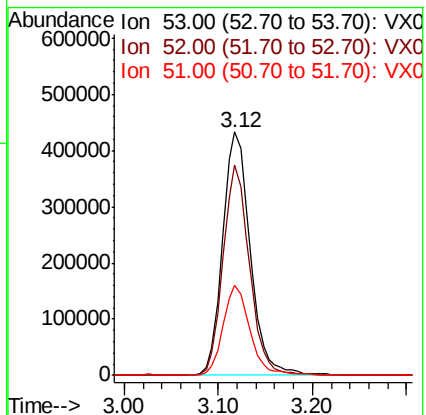
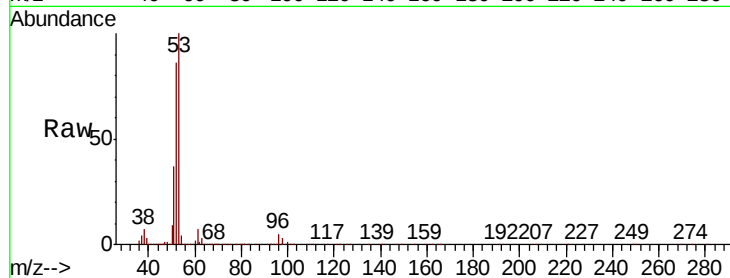
Tot Ion: 53 Resp: 879085

Ion Ratio Lower Upper

53 100

52 83.6 66.9 100.3

51 35.9 28.7 43.1



#16

Acetone

Concen: 223.463 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX018044.D

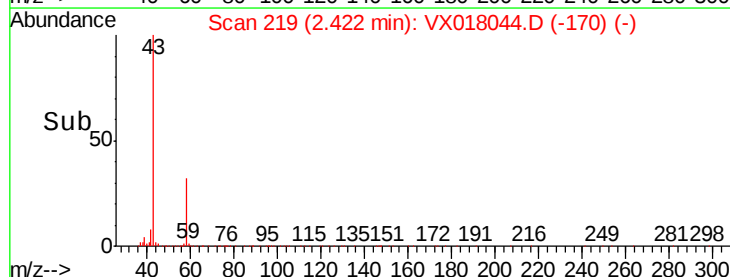
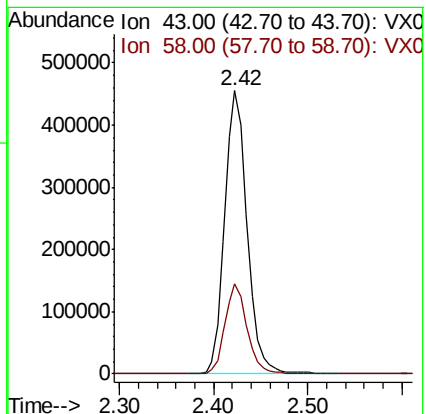
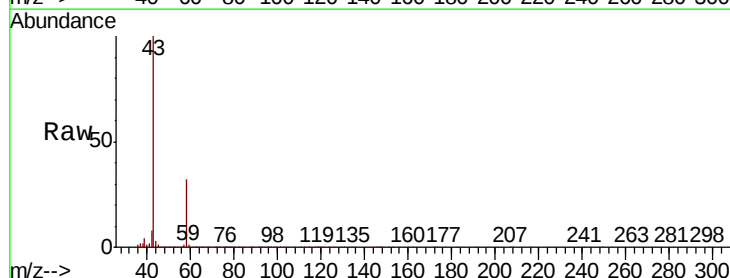
Acq: 20 Aug 2020 20:08

Tgt Ion: 43 Resp: 745128

Ion Ratio Lower Upper

43 100

58 31.9 25.5 38.3

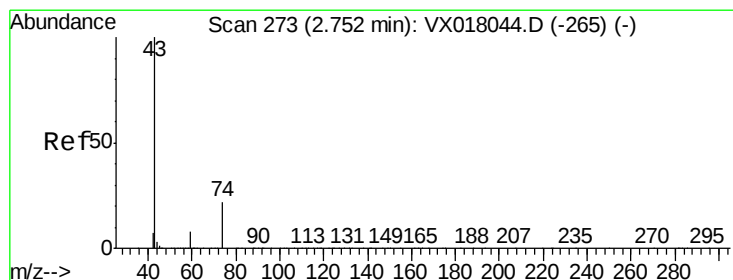
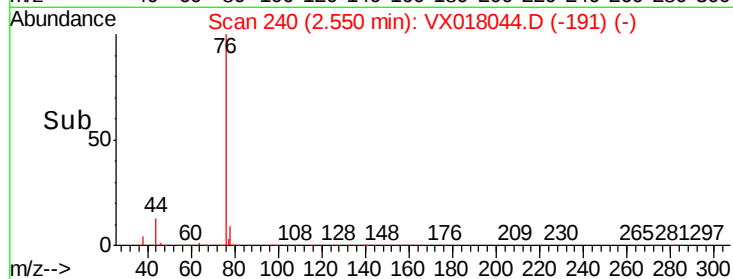
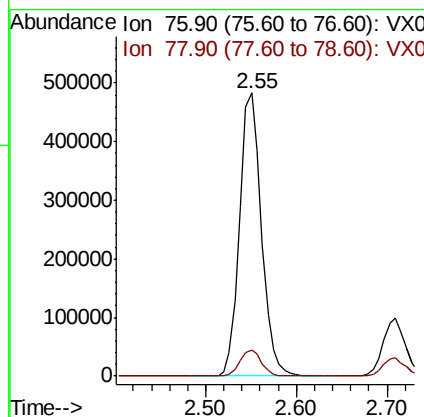
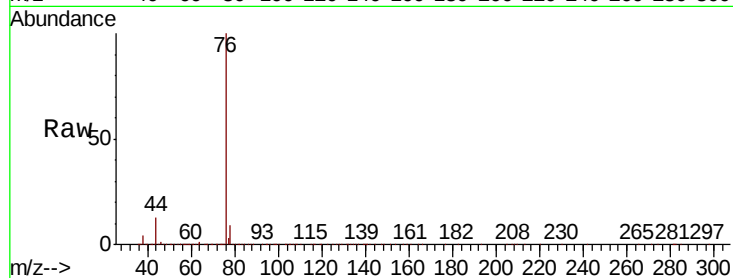




#17  
Carbon Disulfide  
Concen: 40.136 ug/l  
RT: 2.55 min Scan# 240  
Delta R.T. 0.00 min  
Lab File: VX018044.D  
Acq: 20 Aug 2020 20:08

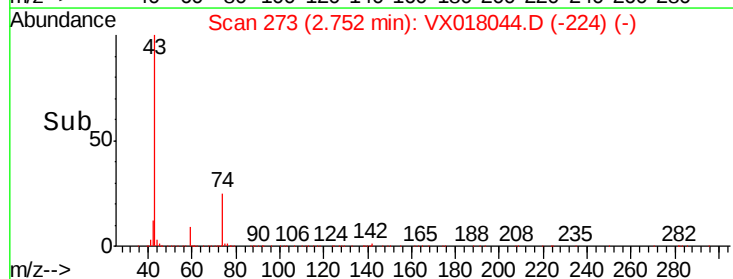
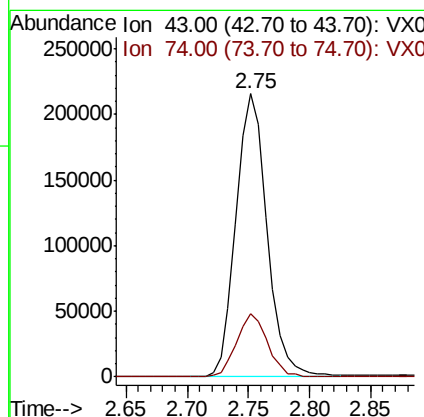
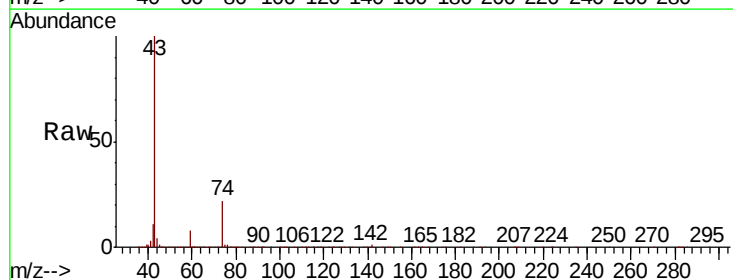
Instrument :  
MSVOA\_X  
ClientSampled :

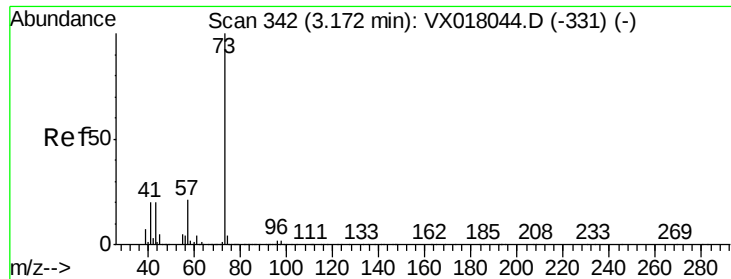
Tot Ion: 76 Resp: 809195  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.4 11.0



#18  
Methyl Acetate  
Concen: 45.707 ug/l  
RT: 2.75 min Scan# 273  
Delta R.T. 0.00 min  
Lab File: VX018044.D  
Acq: 20 Aug 2020 20:08

Tgt Ion: 43 Resp: 376560  
Ion Ratio Lower Upper  
43 100  
74 22.8 18.2 27.4



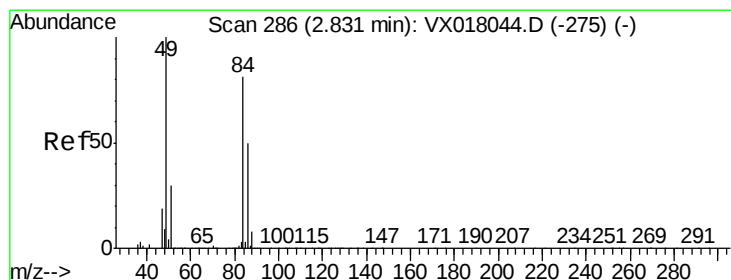
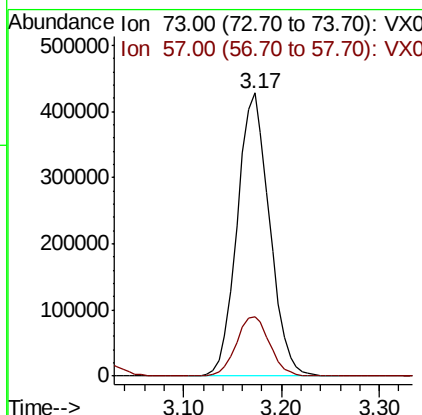
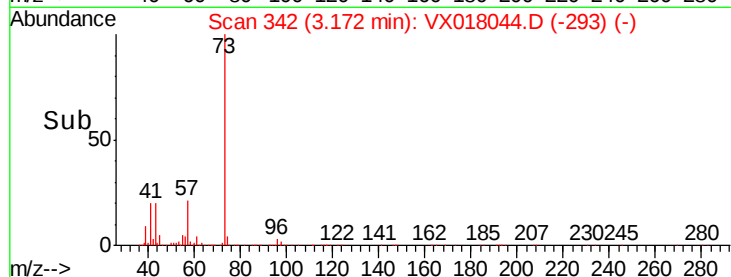
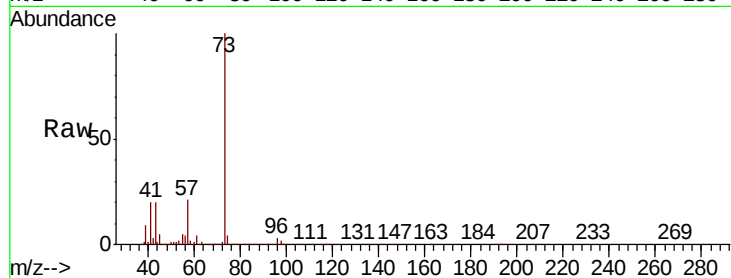


#19

Methyl tert-butyl Ether  
 Concen: 47.701 ug/l  
 RT: 3.17 min Scan# 342  
 Delta R.T. 0.00 min  
 Lab File: VX018044.D  
 Acq: 20 Aug 2020 20:08

Instrument :  
 MSVOA\_X  
 ClientSampleId :

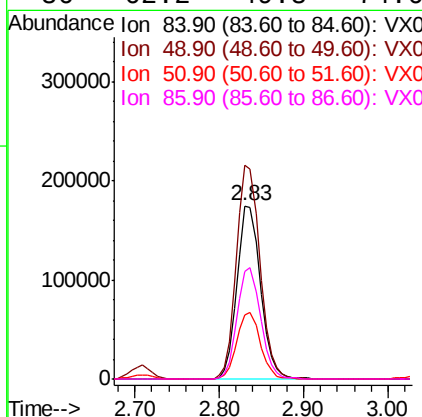
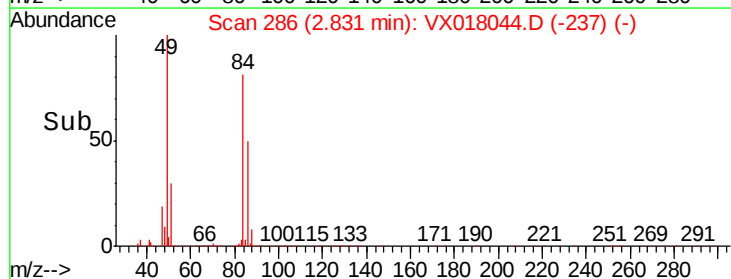
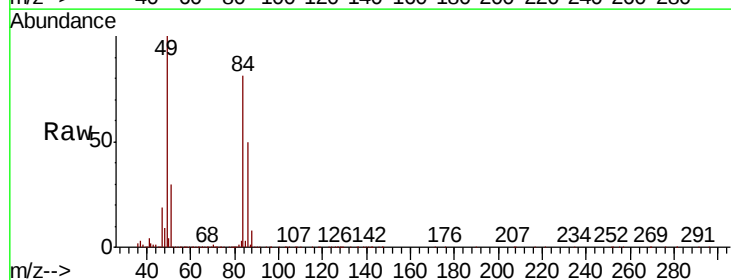
Tot Ion: 73 Resp: 979324  
 Ion Ratio Lower Upper  
 73 100  
 57 21.0 16.8 25.2

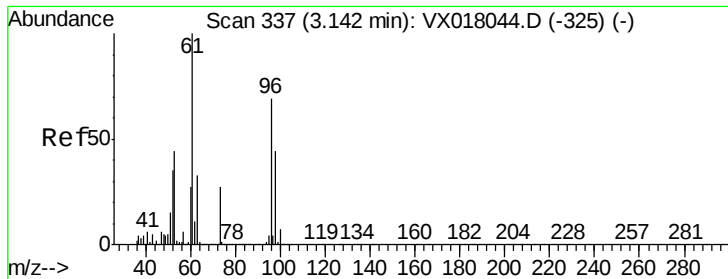


#20

Methylene Chloride  
 Concen: 47.007 ug/l  
 RT: 2.83 min Scan# 286  
 Delta R.T. 0.00 min  
 Lab File: VX018044.D  
 Acq: 20 Aug 2020 20:08

Tgt Ion: 84 Resp: 328488  
 Ion Ratio Lower Upper  
 84 100  
 49 123.3 98.6 148.0  
 51 37.0 29.6 44.4  
 86 62.2 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 45.602 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA\_X

ClientSampleId :

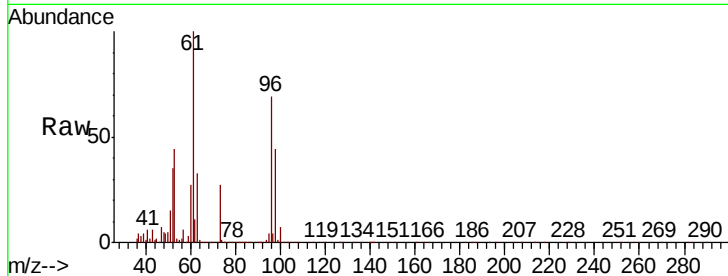
Tot Ion: 96 Resp: 303468

Ion Ratio Lower Upper

96 100

61 144.2 115.4 173.0

98 63.9 51.1 76.7

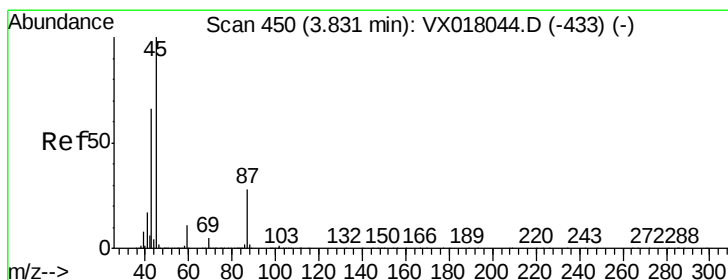
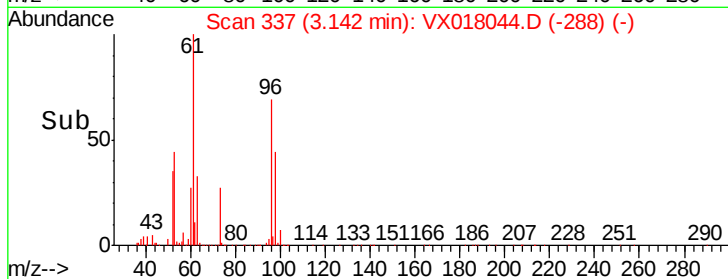
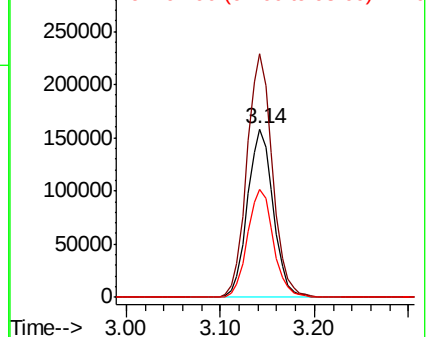


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 48.965 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Tgt Ion: 45 Resp: 1016591

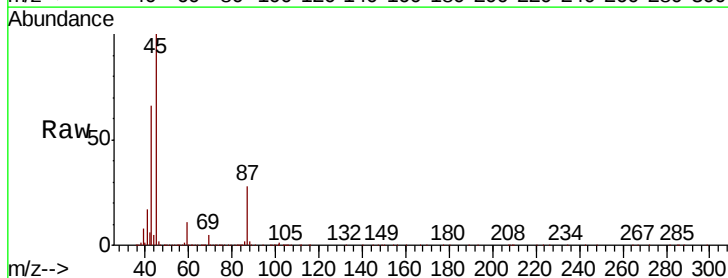
Ion Ratio Lower Upper

45 100

43 66.0 52.8 79.2

87 28.1 22.5 33.7

59 11.3 9.0 13.6



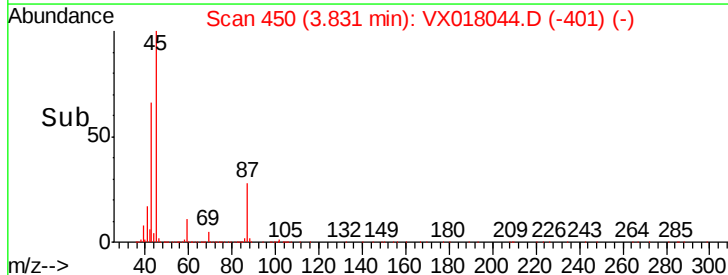
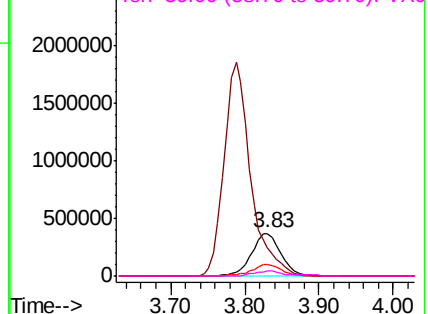
Abundance

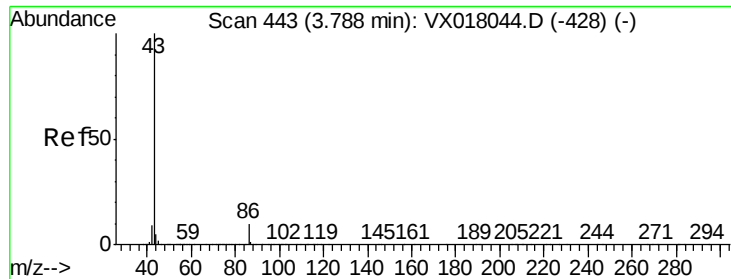
Ion 45.00 (44.70 to 45.70): VX0

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

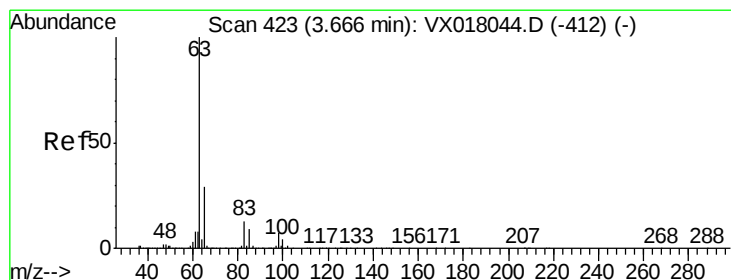
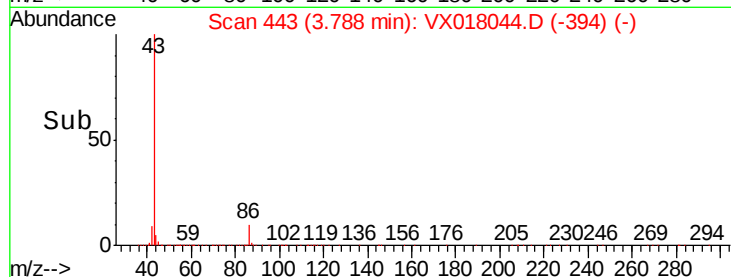
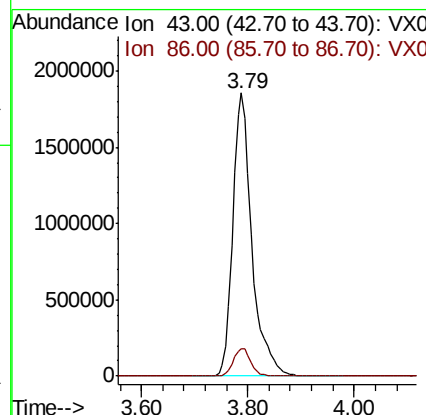
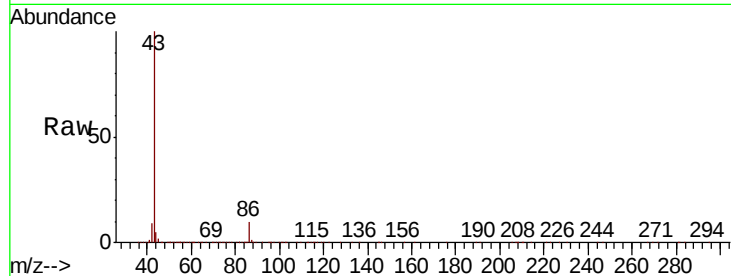




#23  
 Vinyl Acetate  
 Concen: 253.624 ug/l  
 RT: 3.79 min Scan# 443  
 Delta R.T. 0.00 min  
 Lab File: VX018044.D  
 Acq: 20 Aug 2020 20:08

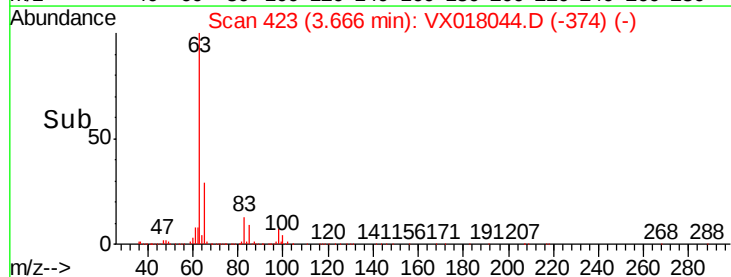
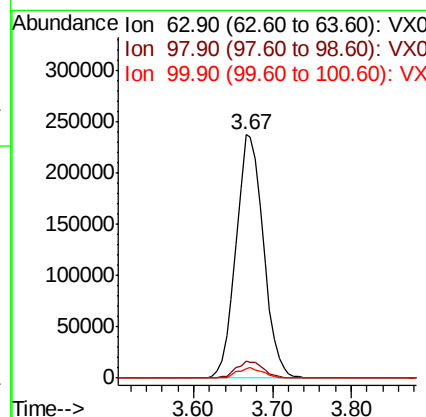
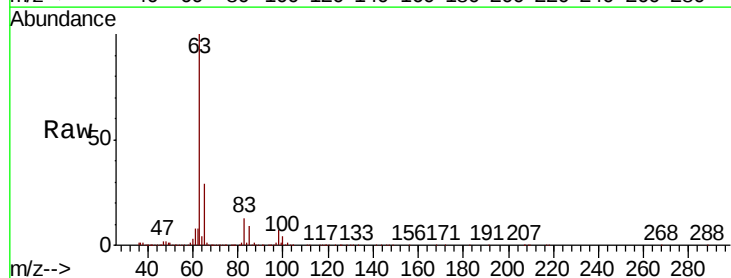
Instrument :  
 MSVOA\_X  
 ClientSampleId :

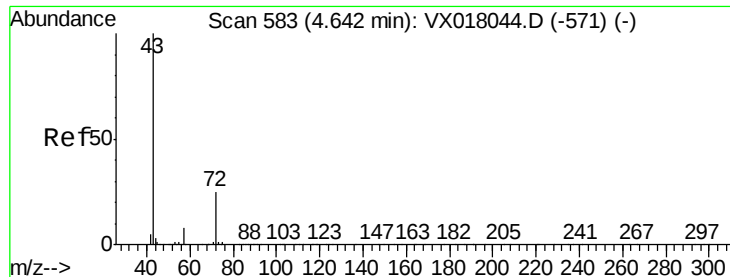
Tot Ion: 43 Resp: 4639224  
 Ion Ratio Lower Upper  
 43 100  
 86 9.9 7.9 11.9



#24  
 1,1-Dichloroethane  
 Concen: 49.331 ug/l  
 RT: 3.67 min Scan# 423  
 Delta R.T. 0.00 min  
 Lab File: VX018044.D  
 Acq: 20 Aug 2020 20:08

Tgt Ion: 63 Resp: 573838  
 Ion Ratio Lower Upper  
 63 100  
 98 7.2 3.6 10.8  
 100 4.0 2.0 6.0

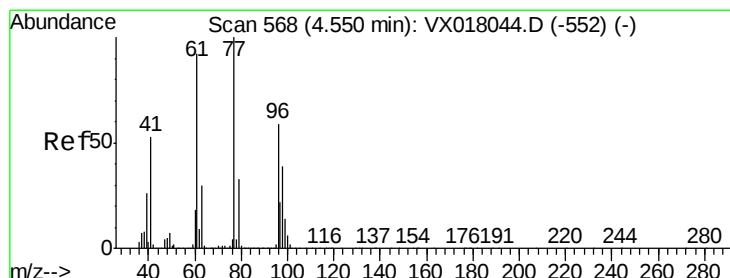
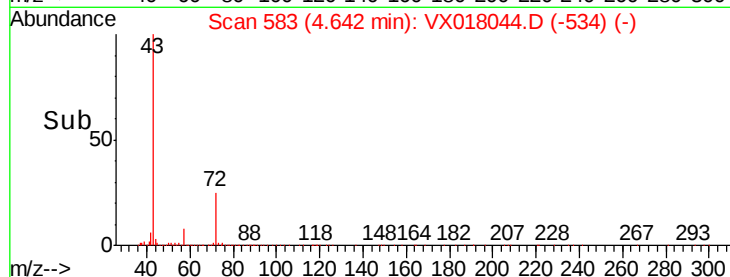
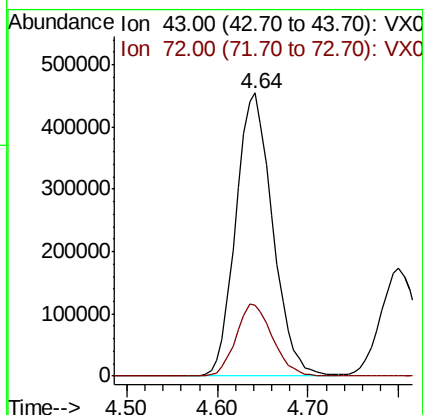
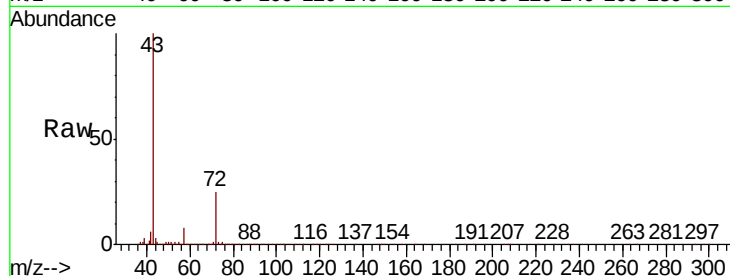




#25  
2-Butanone  
Concen: 236.624 ug/l  
RT: 4.64 min Scan# 583  
Delta R.T. 0.00 min  
Lab File: VX018044.D  
Acq: 20 Aug 2020 20:08

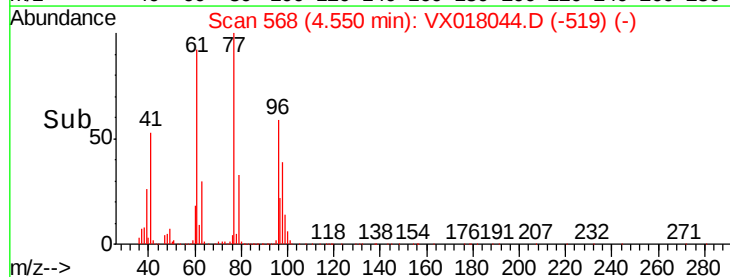
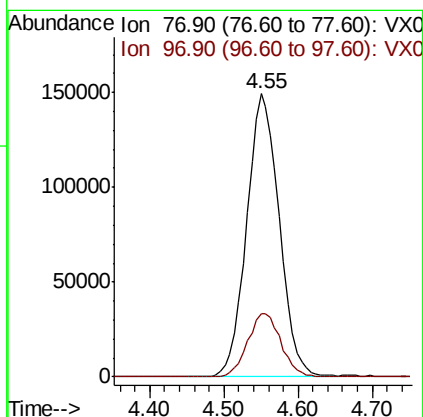
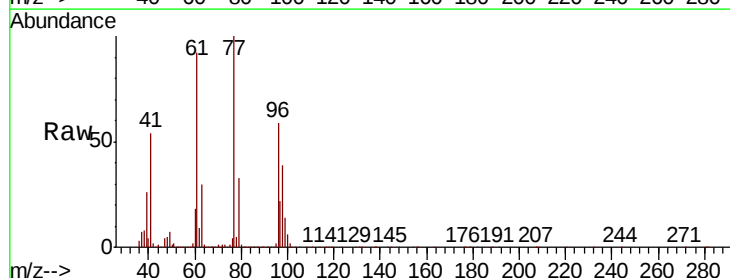
Instrument :  
MSVOA\_X  
ClientSampled :

Tot Ion: 43 Resp: 1277799  
Ion Ratio Lower Upper  
43 100  
72 24.7 19.8 29.6



#26  
2,2-Dichloropropane  
Concen: 43.801 ug/l  
RT: 4.55 min Scan# 568  
Delta R.T. 0.00 min  
Lab File: VX018044.D  
Acq: 20 Aug 2020 20:08

Tgt Ion: 77 Resp: 456691  
Ion Ratio Lower Upper  
77 100  
97 23.0 11.5 34.5



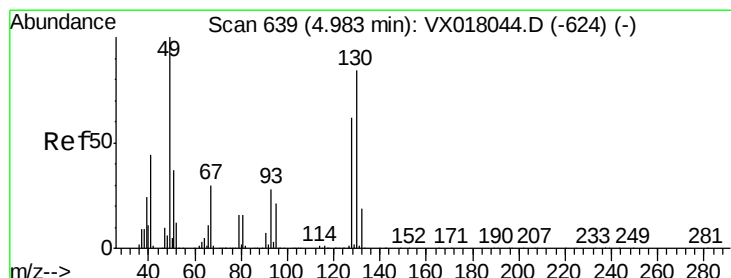
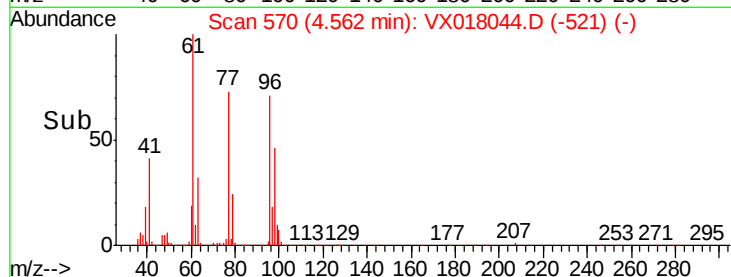
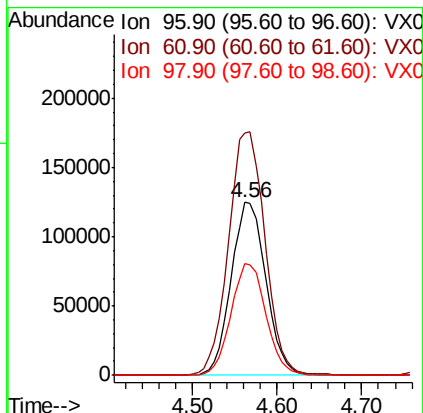
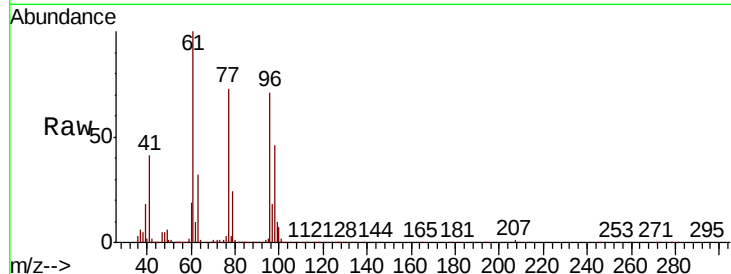


#27

cis-1,2-Dichloroethene  
Concen: 47.774 ug/l  
RT: 4.56 min Scan# 570  
Delta R.T. 0.00 min  
Lab File: VX018044.D  
Acq: 20 Aug 2020 20:08

Instrument :  
MSVOA\_X  
ClientSampleId :

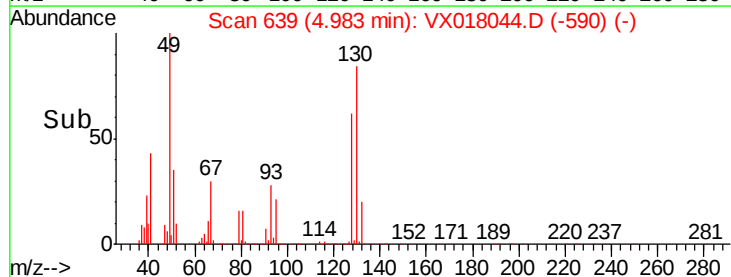
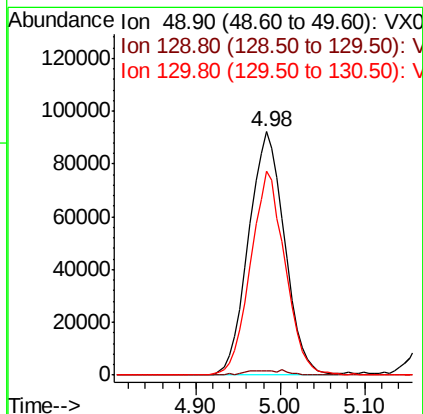
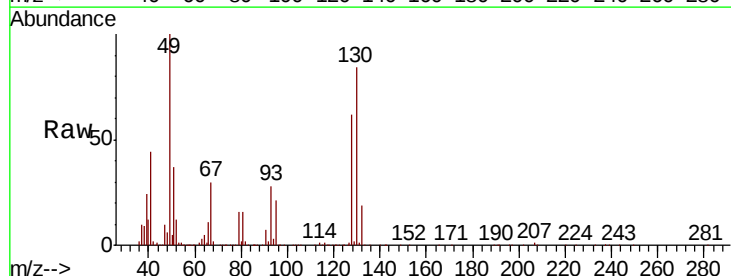
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 148.3 | 0.0   | 296.6 |
| 98      | 65.1  | 0.0   | 130.2 |



#28

Bromochloromethane  
Concen: 50.162 ug/l  
RT: 4.98 min Scan# 639  
Delta R.T. 0.00 min  
Lab File: VX018044.D  
Acq: 20 Aug 2020 20:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.3   | 0.0   | 4.6   |
| 130     | 80.7  | 64.6  | 96.8  |

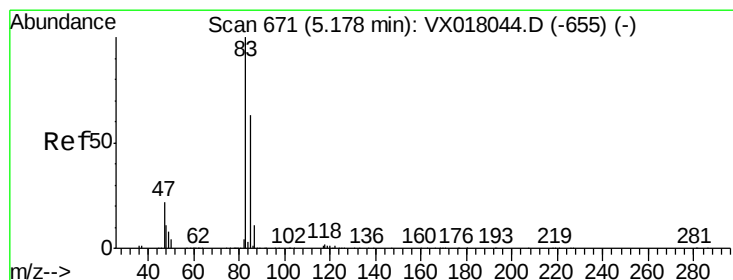
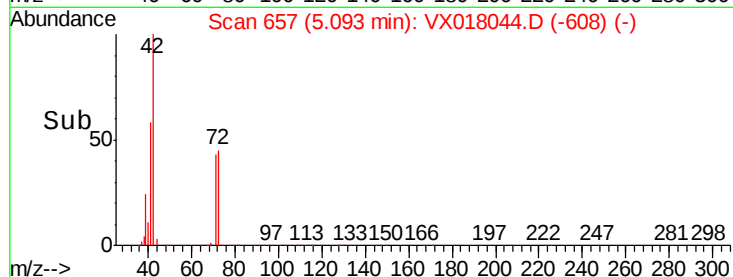
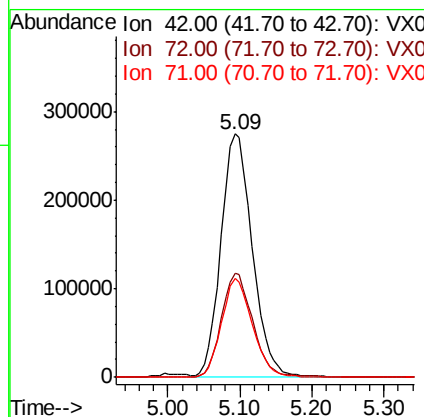
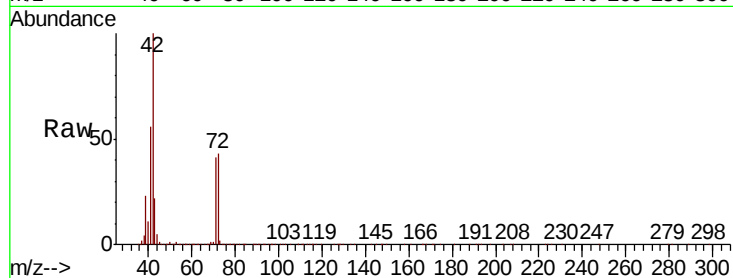




#29  
Tetrahydrofuran  
Concen: 233.054 ug/l  
RT: 5.09 min Scan# 657  
Delta R.T. 0.00 min  
Lab File: VX018044.D  
Acq: 20 Aug 2020 20:08

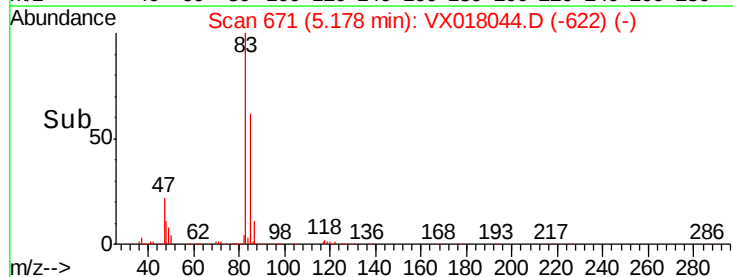
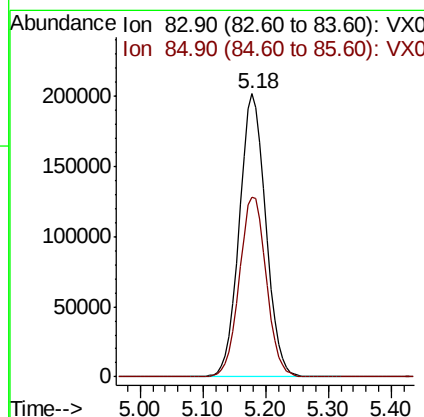
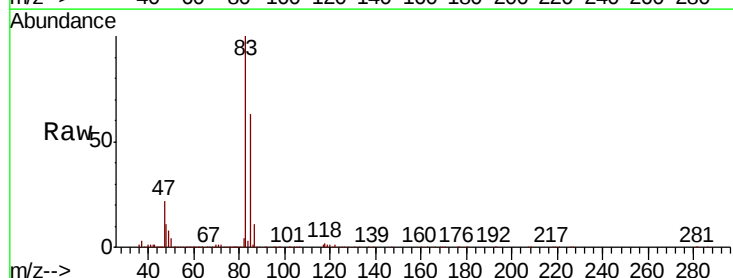
Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion: 42 Resp: 833013  
Ion Ratio Lower Upper  
42 100  
72 42.8 34.2 51.4  
71 40.1 32.1 48.1



#30  
Chloroform  
Concen: 50.645 ug/l  
RT: 5.18 min Scan# 671  
Delta R.T. 0.00 min  
Lab File: VX018044.D  
Acq: 20 Aug 2020 20:08

Tgt Ion: 83 Resp: 588862  
Ion Ratio Lower Upper  
83 100  
85 63.4 50.7 76.1

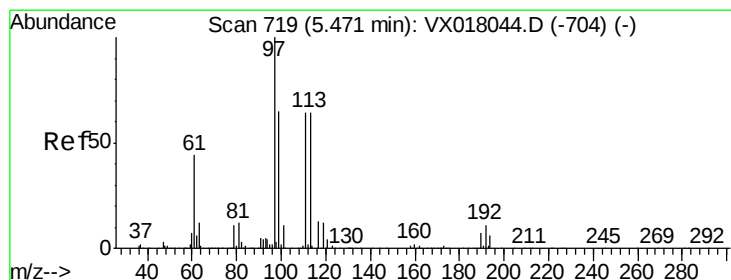
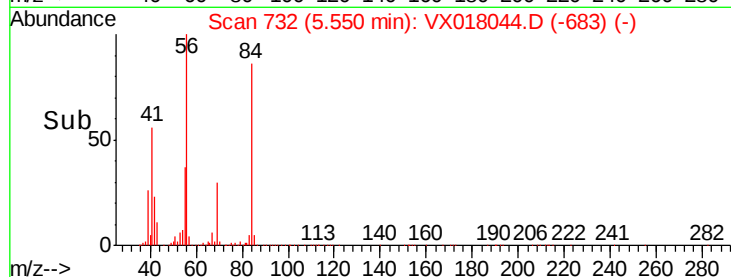
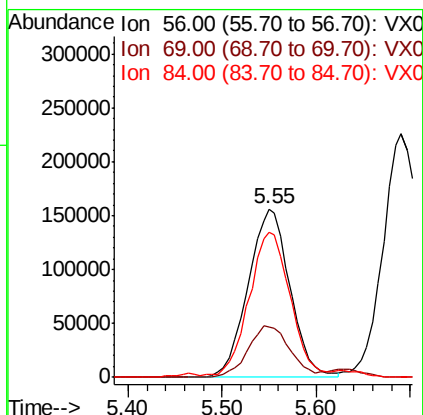
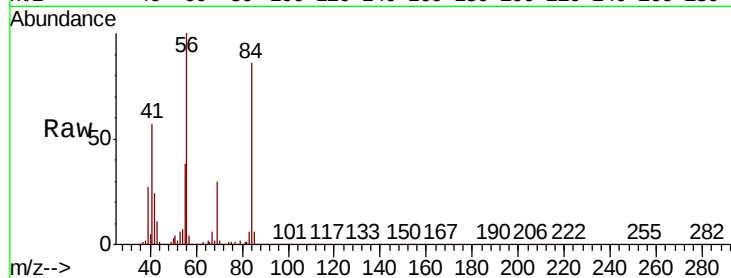




#31  
Cyclohexane  
Concen: 46.591 ug/l  
RT: 5.55 min Scan# 732  
Delta R.T. 0.00 min  
Lab File: VX018044.D  
Acq: 20 Aug 2020 20:08

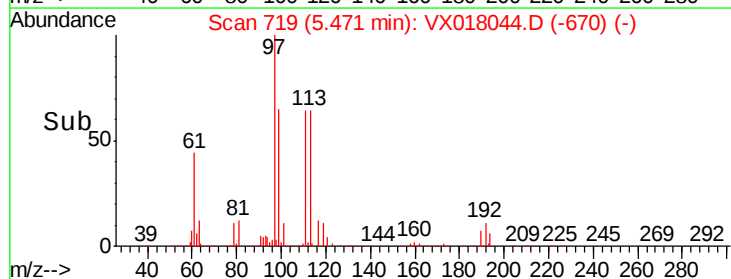
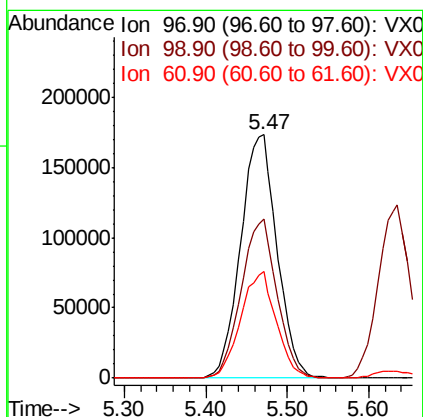
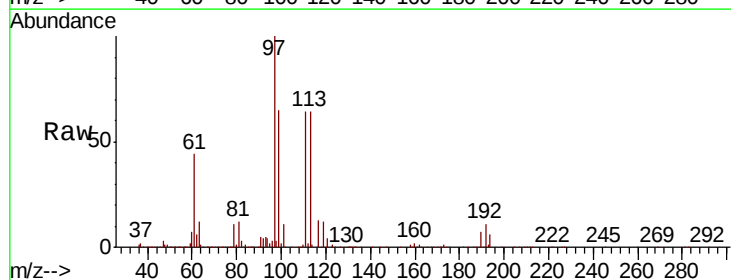
Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion: 56 Resp: 483414  
Ion Ratio Lower Upper  
56 100  
69 29.9 23.9 35.9  
84 83.7 67.0 100.4



#32  
1,1,1-Trichloroethane  
Concen: 50.864 ug/l  
RT: 5.47 min Scan# 719  
Delta R.T. 0.00 min  
Lab File: VX018044.D  
Acq: 20 Aug 2020 20:08

Tgt Ion: 97 Resp: 538242  
Ion Ratio Lower Upper  
97 100  
99 64.2 51.4 77.0  
61 42.8 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 49.945 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA\_X

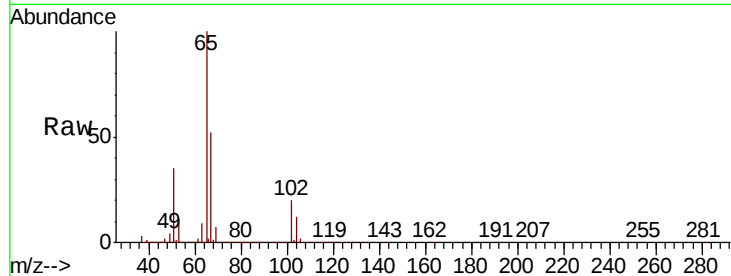
ClientSampleId :

Tot Ion: 65 Resp: 386312

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

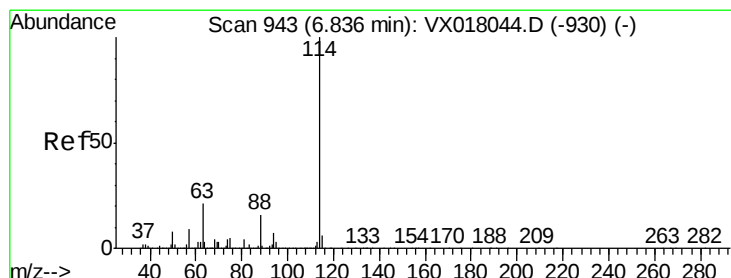
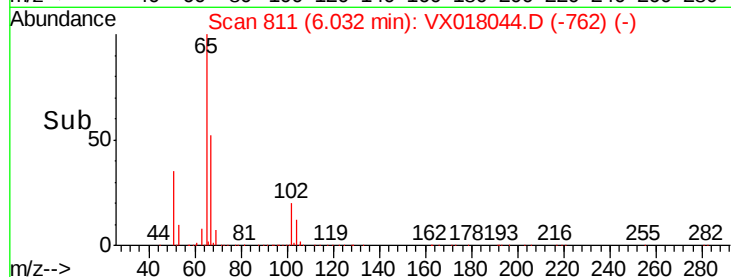
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

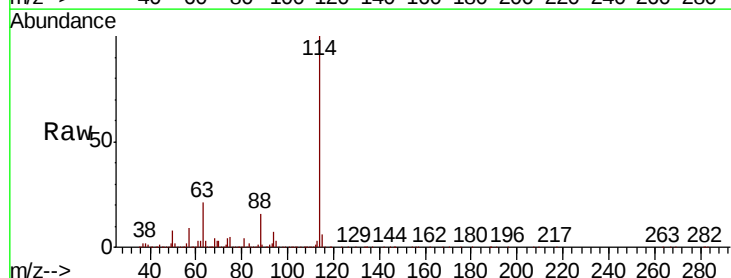
Tgt Ion: 114 Resp: 936490

Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.6

88 15.9 0.0 31.8



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

500000

400000

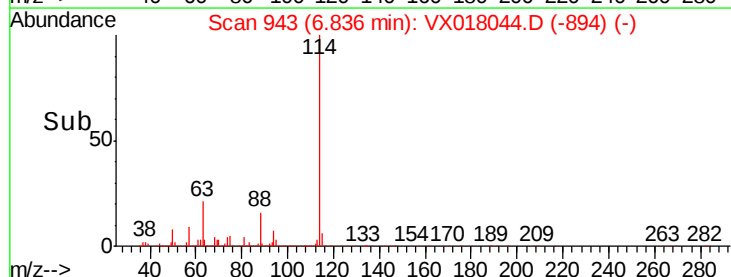
300000

200000

100000

0

Time-->

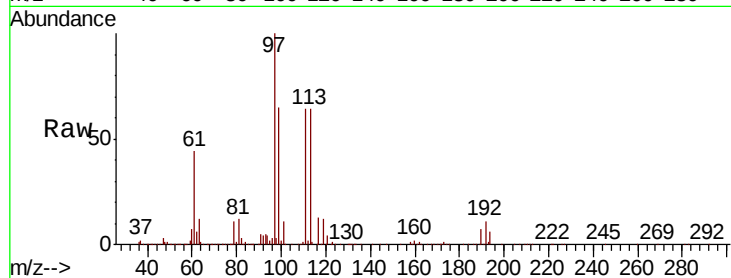




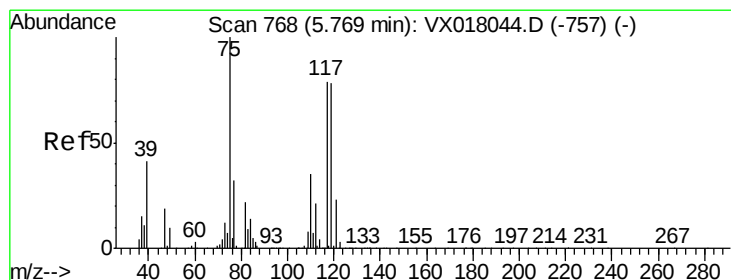
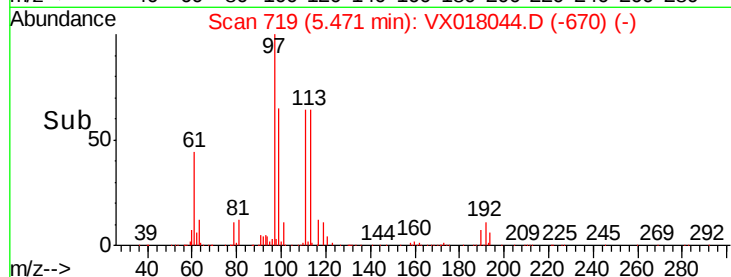
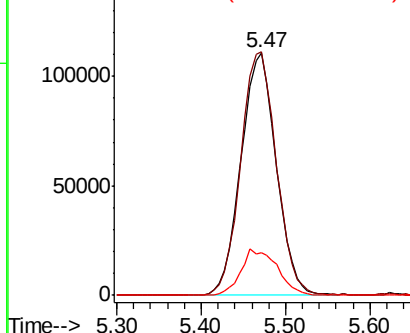
#35  
 Dibromofluoromethane  
 Concen: 51.462 ug/l  
 RT: 5.47 min Scan# 719  
 Delta R.T. 0.00 min  
 Lab File: VX018044.D  
 Acq: 20 Aug 2020 20:08

Instrument :  
 MSVOA\_X  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.0 | 81.6  | 122.4 |
| 192     | 19.8  | 15.8  | 23.8  |

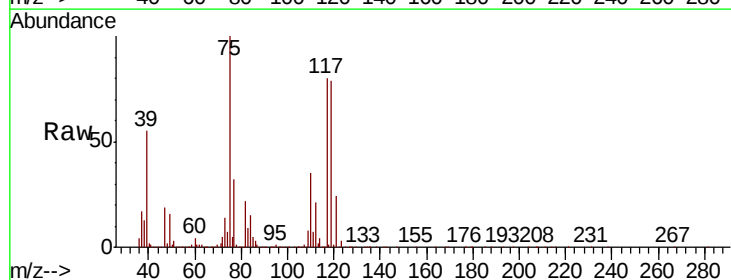


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

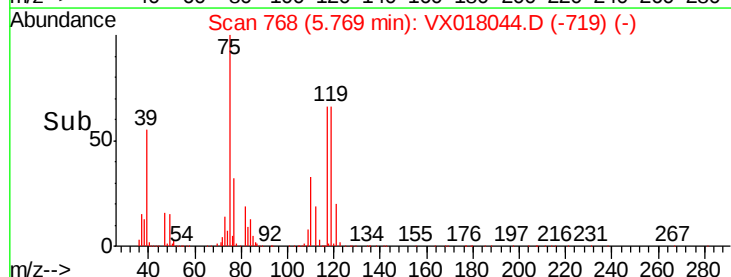
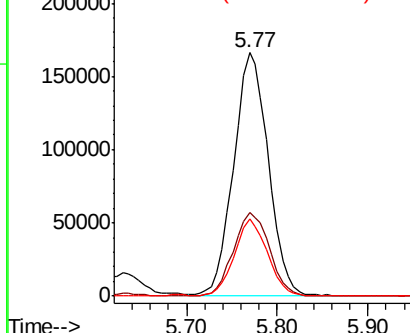


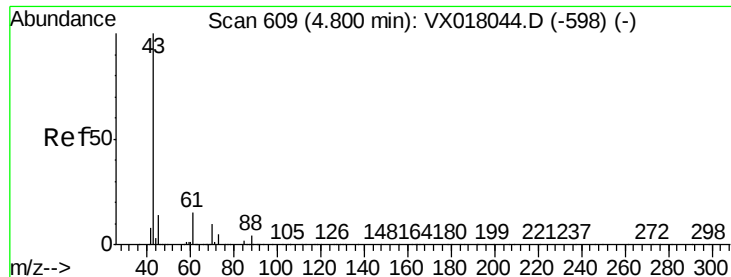
#36  
 1,1-Dichloropropene  
 Concen: 47.748 ug/l  
 RT: 5.77 min Scan# 768  
 Delta R.T. 0.00 min  
 Lab File: VX018044.D  
 Acq: 20 Aug 2020 20:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 36.0  | 18.0  | 54.0  |
| 77      | 30.5  | 24.4  | 36.6  |



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

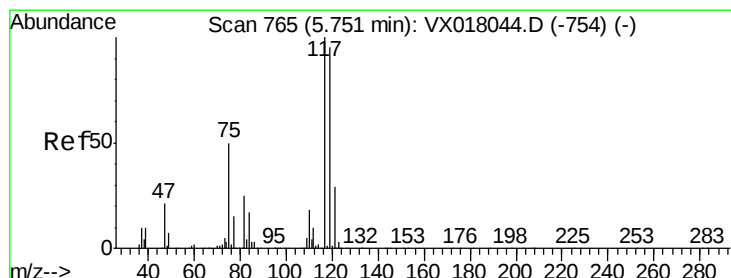
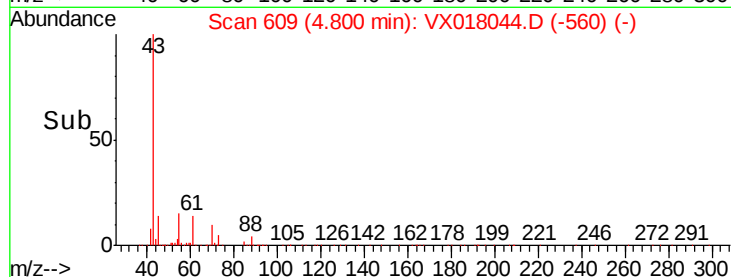
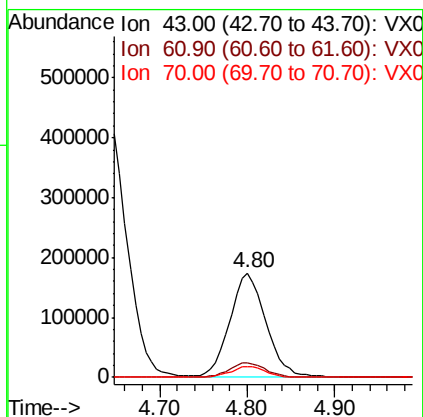
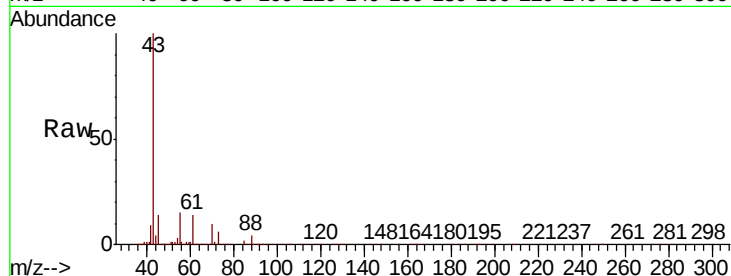




#37  
Ethyl Acetate  
Concen: 47.074 ug/l  
RT: 4.80 min Scan# 609  
Delta R.T. 0.00 min  
Lab File: VX018044.D  
Acq: 20 Aug 2020 20:08

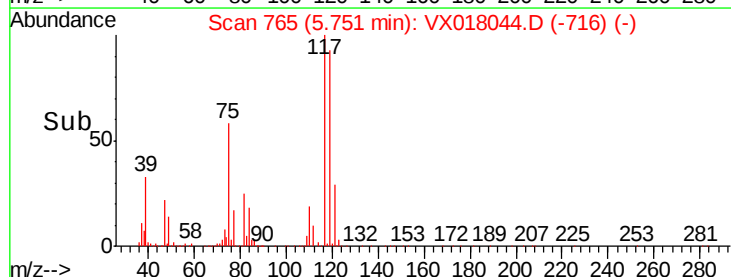
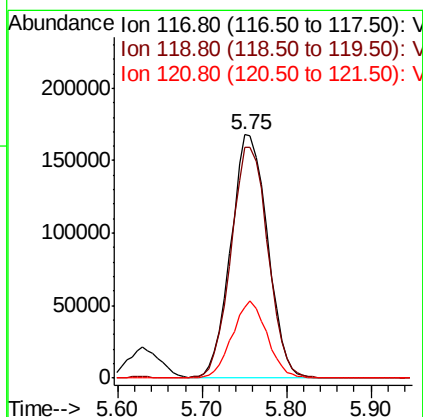
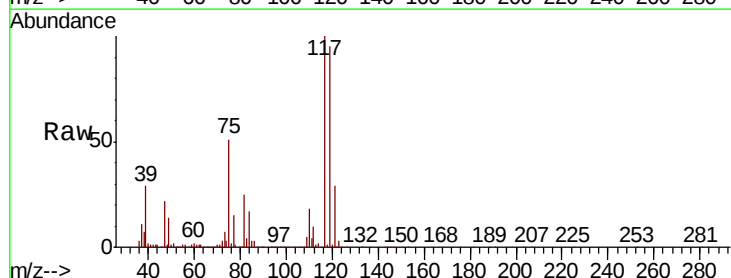
Instrument :  
MSVOA\_X  
ClientSampled :

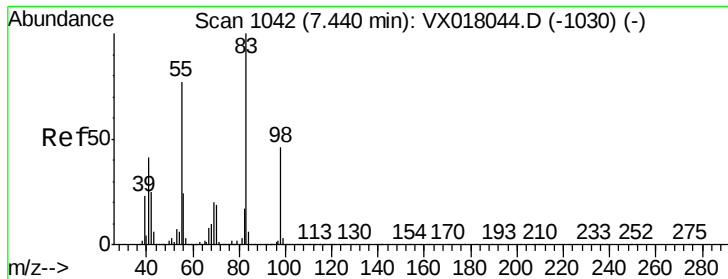
Tot Ion: 43 Resp: 496663  
Ion Ratio Lower Upper  
43 100  
61 14.1 11.3 16.9  
70 10.3 8.2 12.4



#38  
Carbon Tetrachloride  
Concen: 52.291 ug/l  
RT: 5.75 min Scan# 765  
Delta R.T. 0.00 min  
Lab File: VX018044.D  
Acq: 20 Aug 2020 20:08

Tgt Ion: 117 Resp: 495157  
Ion Ratio Lower Upper  
117 100  
119 94.7 75.8 113.6  
121 29.2 23.4 35.0

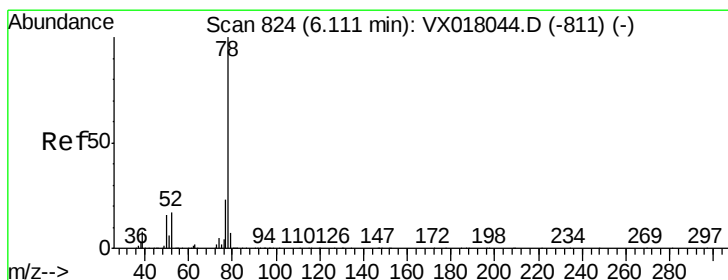
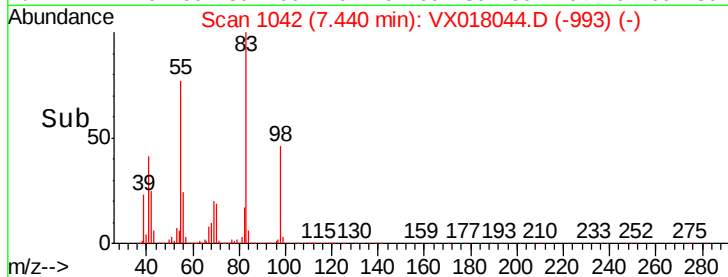
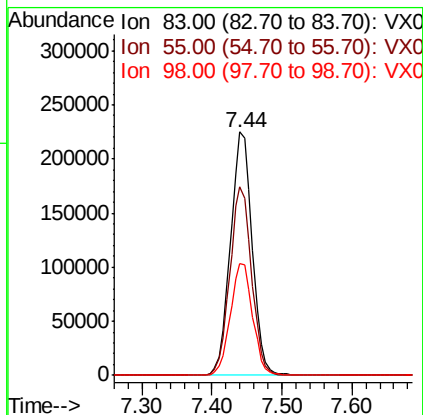
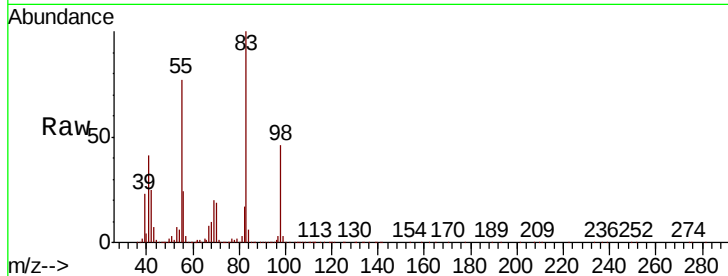




#39  
Methvlcvclohexane  
Concen: 44.584 ug/l  
RT: 7.44 min Scan# 1042  
Delta R.T. 0.00 min  
Lab File: VX018044.D  
Acq: 20 Aug 2020 20:08

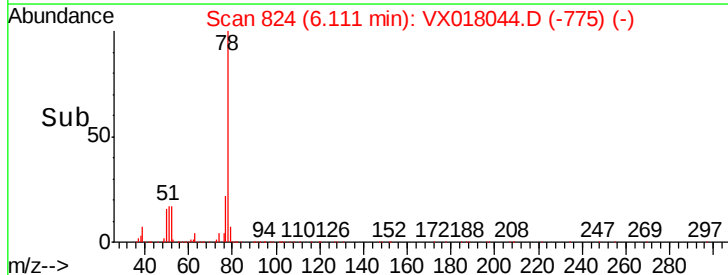
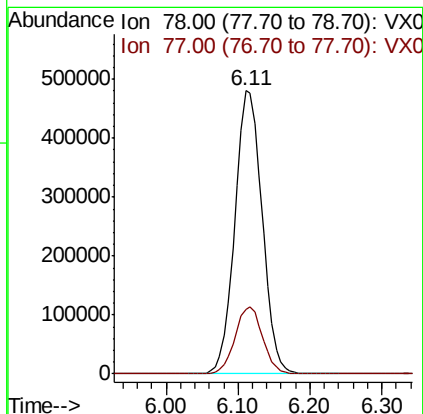
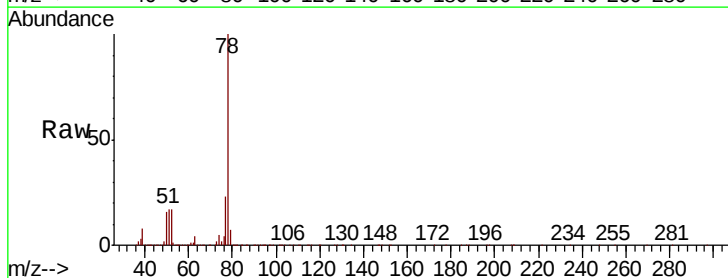
Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion: 83 Resp: 485222  
Ion Ratio Lower Upper  
83 100  
55 77.2 61.8 92.6  
98 45.8 36.6 55.0



#40  
Benzene  
Concen: 47.240 ug/l  
RT: 6.11 min Scan# 824  
Delta R.T. 0.00 min  
Lab File: VX018044.D  
Acq: 20 Aug 2020 20:08

Tgt Ion: 78 Resp: 1264445  
Ion Ratio Lower Upper  
78 100  
77 22.7 18.2 27.2

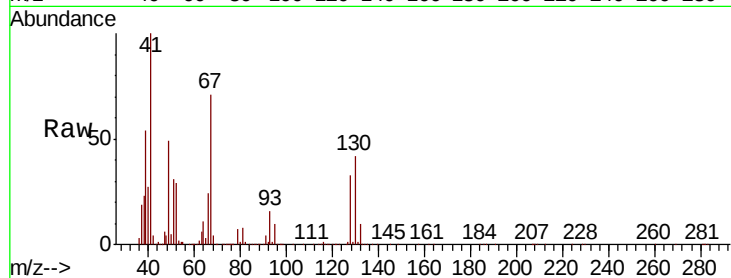




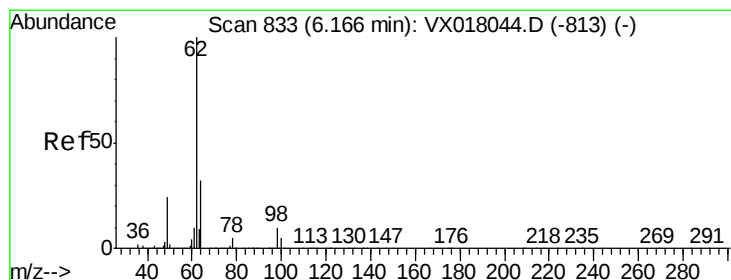
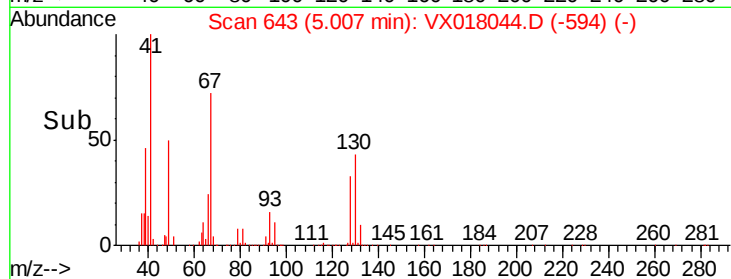
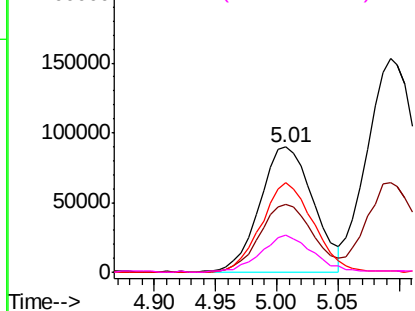
#41  
Methacrylonitrile  
Concen: 47.666 ug/l  
RT: 5.01 min Scan# 643  
Delta R.T. 0.00 min  
Lab File: VX018044.D  
Acq: 20 Aug 2020 20:08

Instrument :  
MSVOA\_X  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 41    | Resp: | 271972 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 53.9  | 43.1  | 64.7   |
| 67       | 70.0  | 56.0  | 84.0   |
| 52       | 28.4  | 22.7  | 34.1   |

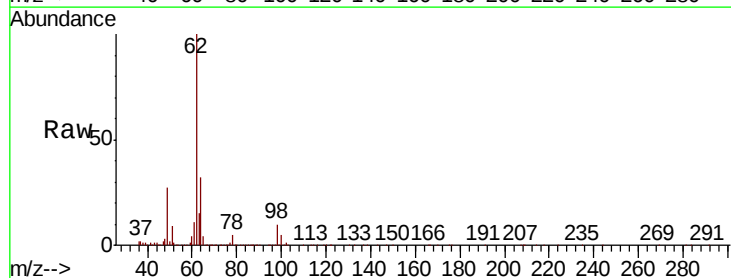


Abundance Ion 41.00 (40.70 to 41.70): VX0  
Ion 39.00 (38.70 to 39.70): VX0  
Ion 67.00 (66.70 to 67.70): VX0  
Ion 52.00 (51.70 to 52.70): VX0

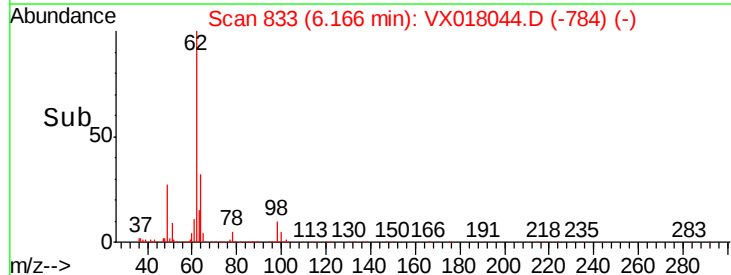
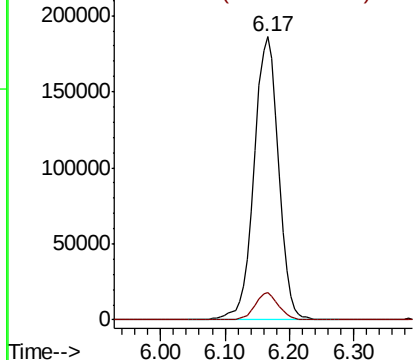


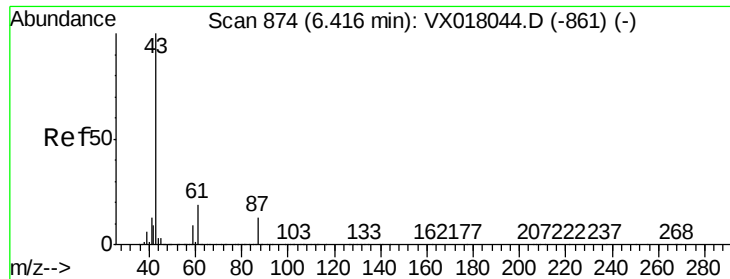
#42  
1,2-Dichloroethane  
Concen: 49.707 ug/l  
RT: 6.17 min Scan# 833  
Delta R.T. 0.00 min  
Lab File: VX018044.D  
Acq: 20 Aug 2020 20:08

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 484192 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.1   | 0.0   | 18.2   |



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



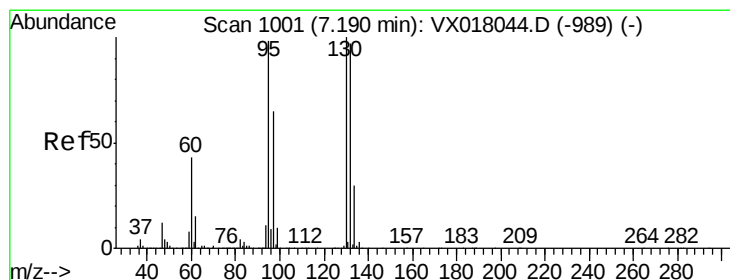
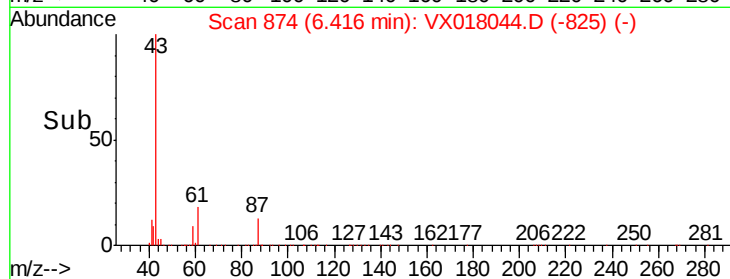
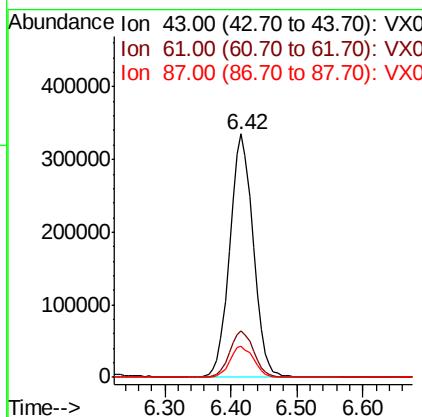
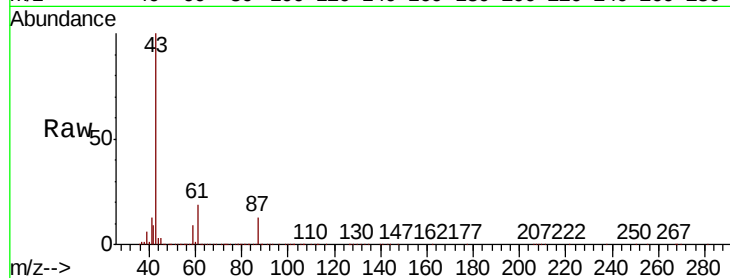


#43

Isopropyl Acetate  
 Concen: 48.472 ug/l  
 RT: 6.42 min Scan# 874  
 Delta R.T. 0.00 min  
 Lab File: VX018044.D  
 Acq: 20 Aug 2020 20:08

Instrument :  
 MSVOA\_X  
 ClientSampleId :

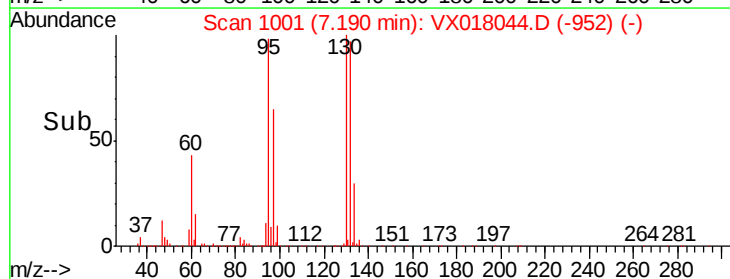
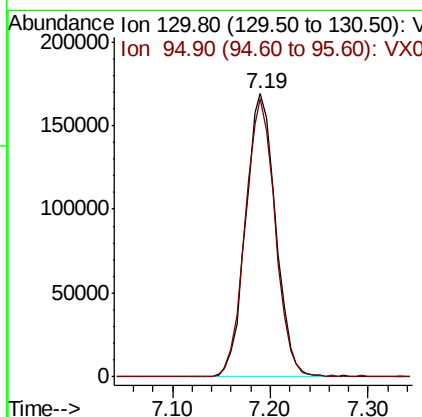
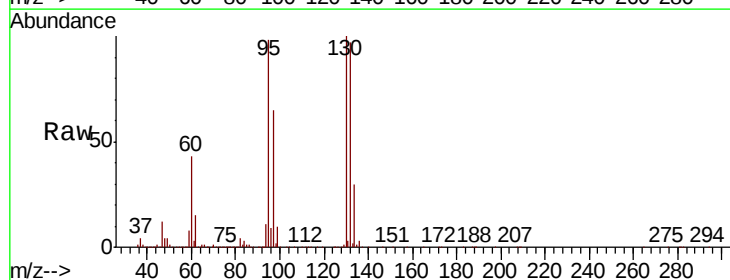
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 19.6  | 15.7  | 23.5  |
| 87      | 12.9  | 10.3  | 15.5  |

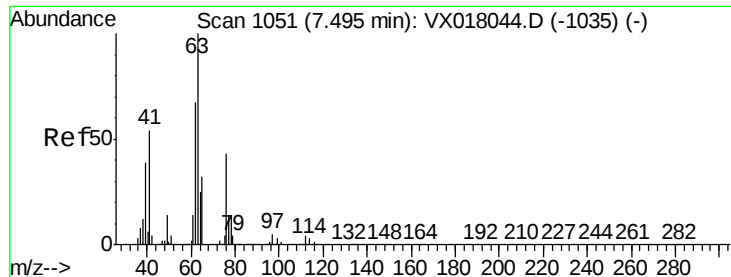


#44

Trichloroethene  
 Concen: 38.849 ug/l  
 RT: 7.19 min Scan# 1001  
 Delta R.T. 0.00 min  
 Lab File: VX018044.D  
 Acq: 20 Aug 2020 20:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 98.2  | 0.0   | 196.4 |





#45

1,2-Dichloropropane

Concen: 50.622 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

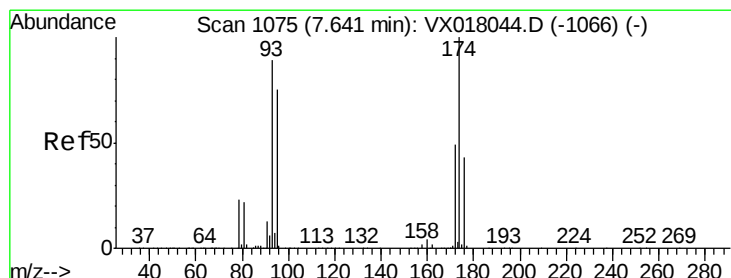
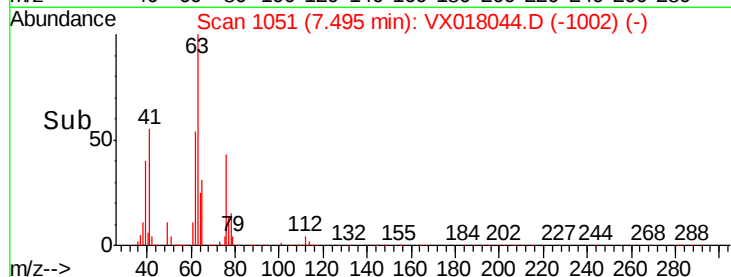
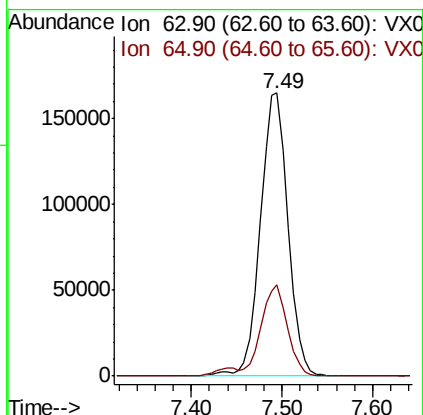
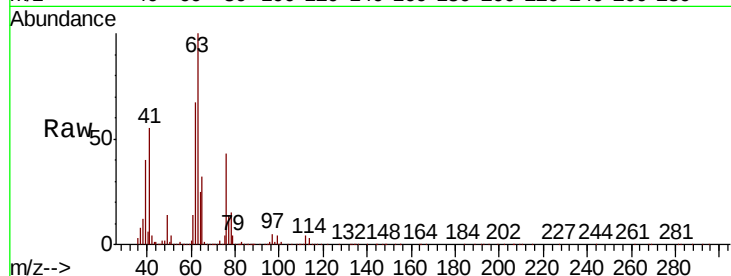
Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion: 63 Resp: 346355

Ion Ratio Lower Upper

63 100

65 32.1 25.7 38.5



#46

Dibromomethane

Concen: 50.846 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

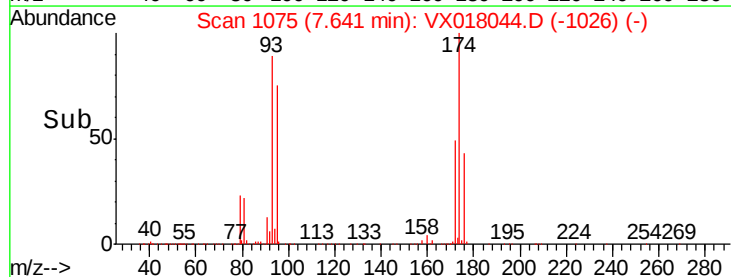
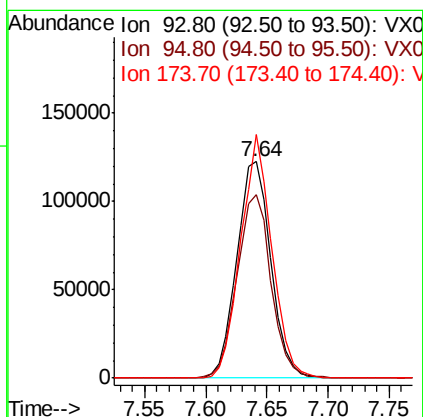
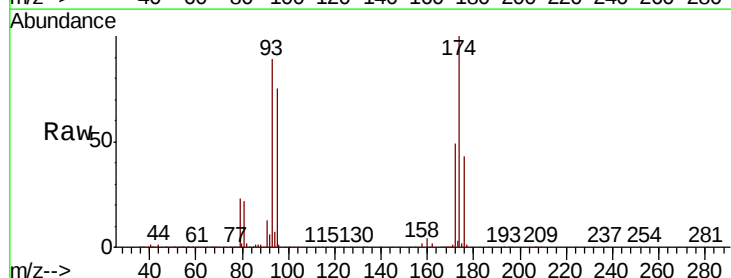
Tgt Ion: 93 Resp: 237423

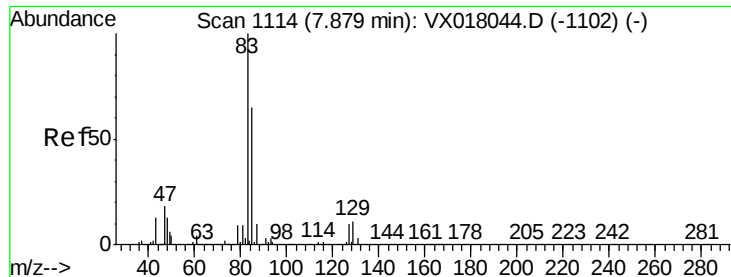
Ion Ratio Lower Upper

93 100

95 84.1 67.3 100.9

174 102.7 82.2 123.2





#47

Bromodichloromethane

Concen: 51.561 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA\_X

ClientSampleId :

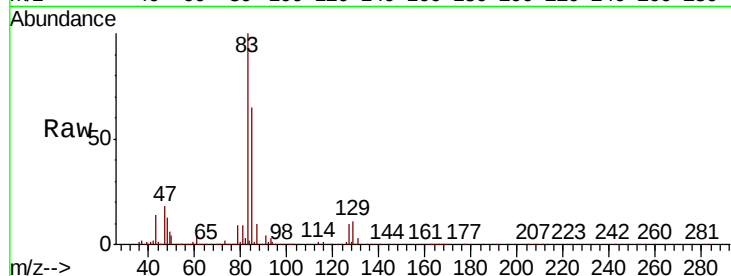
Tot Ion: 83 Resp: 489106

Ion Ratio Lower Upper

83 100

85 64.7 51.8 77.6

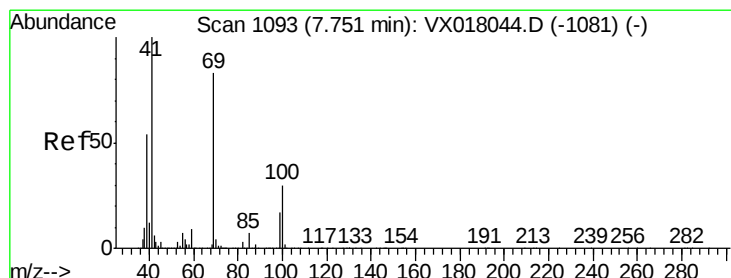
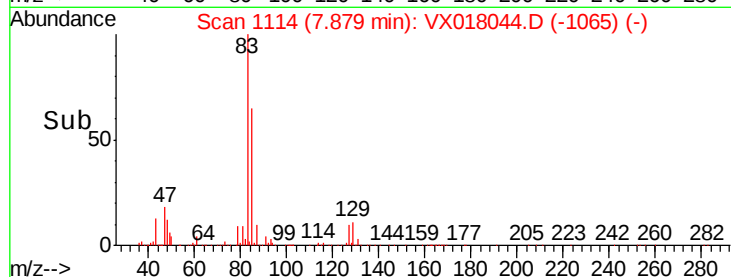
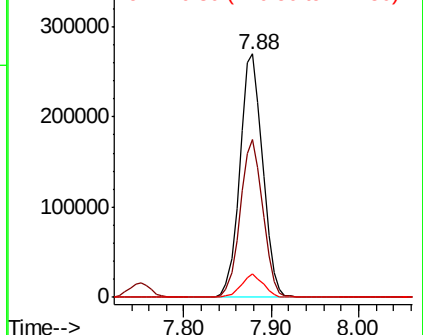
127 9.6 7.7 11.5



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: 50.469 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

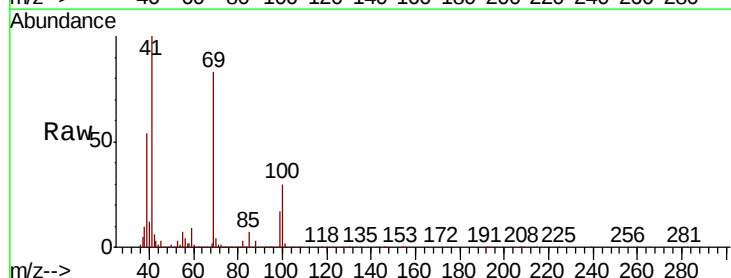
Tgt Ion: 41 Resp: 407920

Ion Ratio Lower Upper

41 100

69 81.9 65.5 98.3

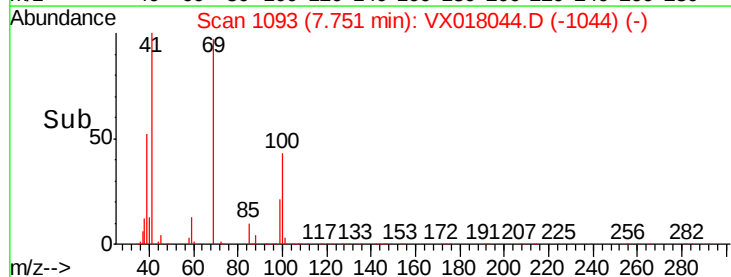
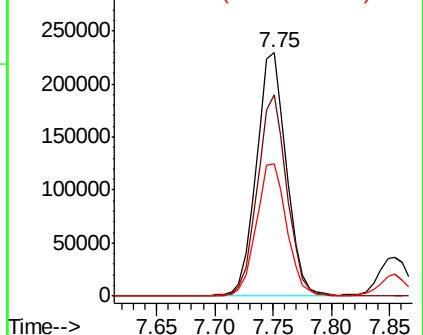
39 55.6 44.5 66.7

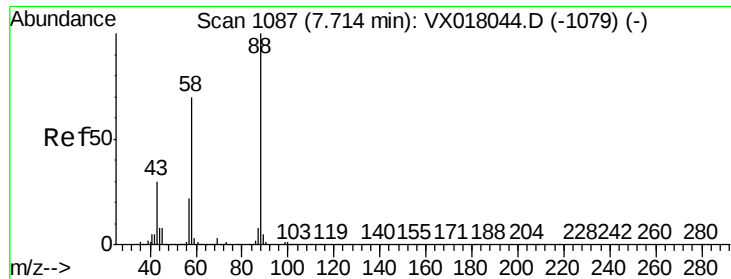


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

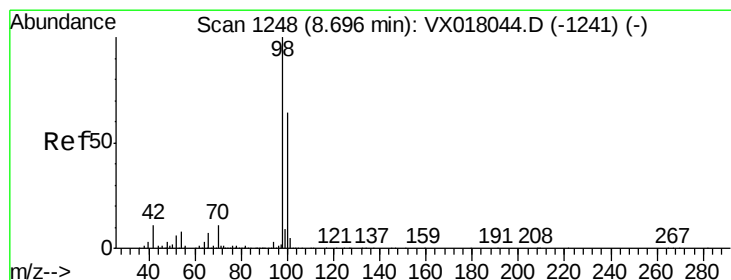
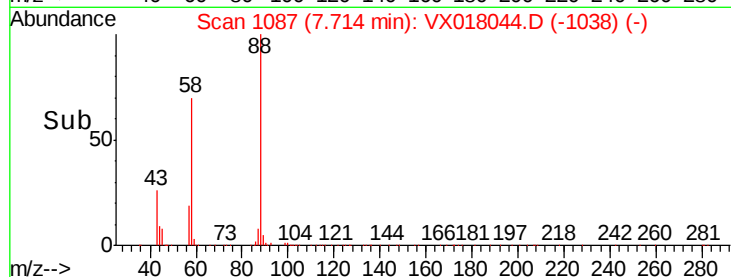
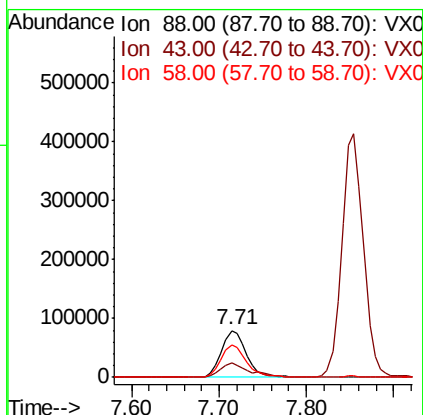
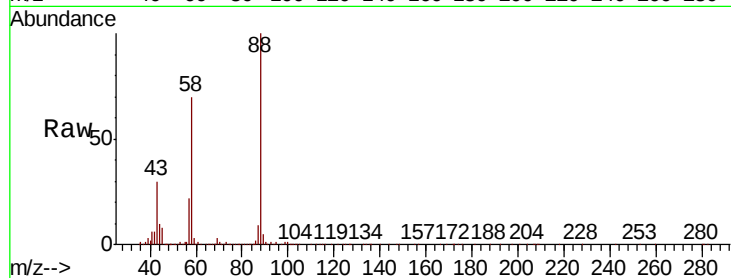




#49  
1,4-Dioxane  
Concen: 833.353 ug/l  
RT: 7.71 min Scan# 1087  
Delta R.T. 0.00 min  
Lab File: VX018044.D  
Acq: 20 Aug 2020 20:08

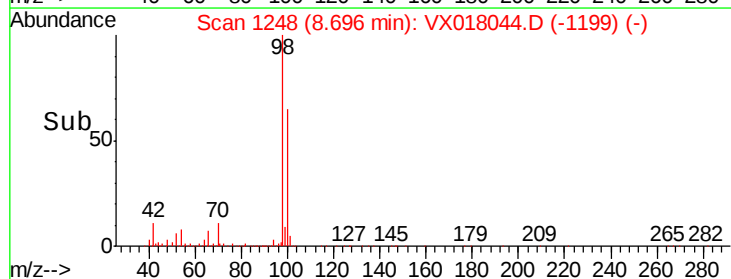
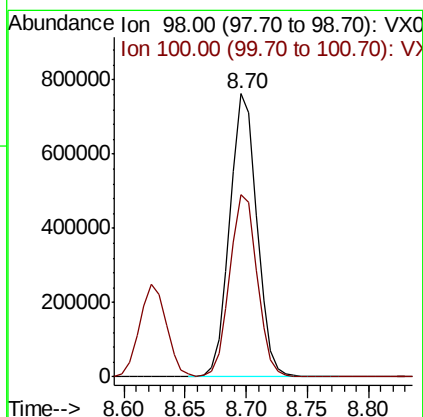
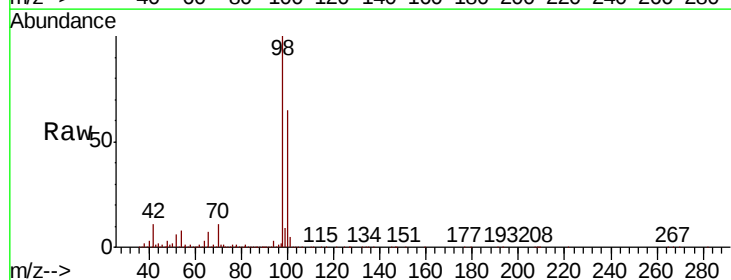
Instrument :  
MSVOA\_X  
ClientSampled :

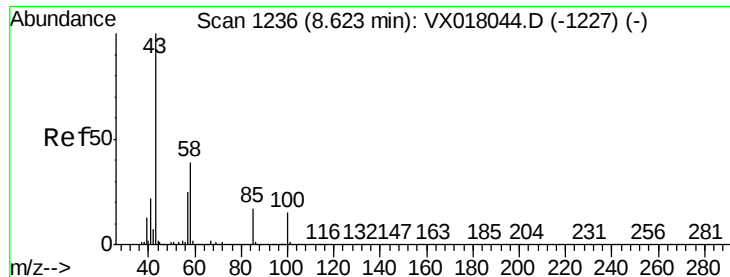
Tot Ion: 88 Resp: 156303  
Ion Ratio Lower Upper  
88 100  
43 34.2 27.4 41.0  
58 70.5 56.4 84.6



#50  
Toluene-d8  
Concen: 50.481 ug/l  
RT: 8.70 min Scan# 1248  
Delta R.T. 0.00 min  
Lab File: VX018044.D  
Acq: 20 Aug 2020 20:08

Tgt Ion: 98 Resp: 1169914  
Ion Ratio Lower Upper  
98 100  
100 65.3 52.2 78.4

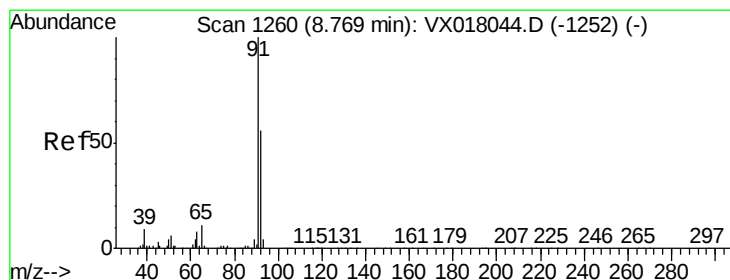
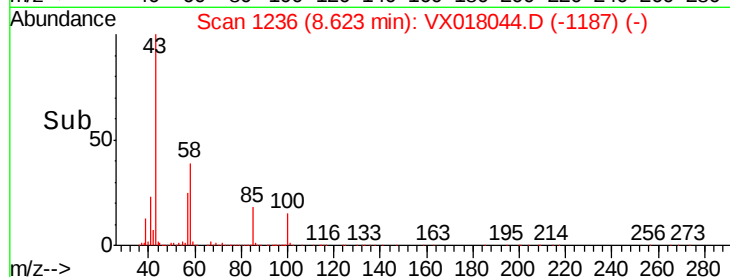
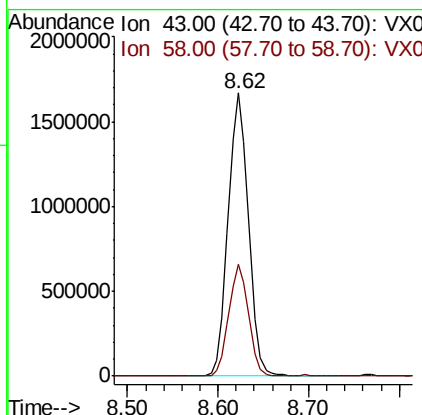
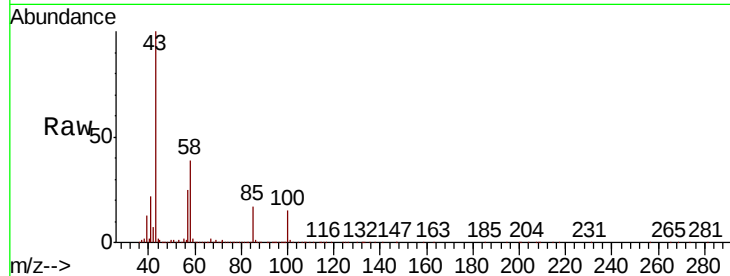




#51  
4-Methyl-2-Pentanone  
Concen: 250.249 ug/l  
RT: 8.62 min Scan# 1236  
Delta R.T. 0.00 min  
Lab File: VX018044.D  
Acq: 20 Aug 2020 20:08

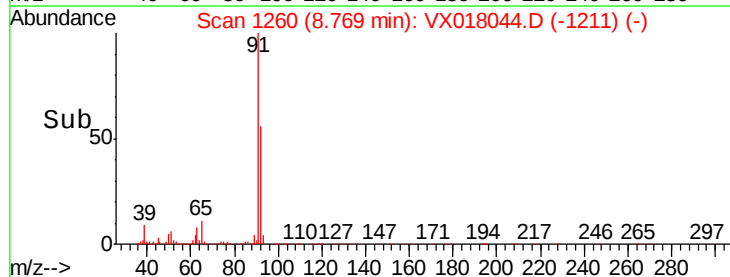
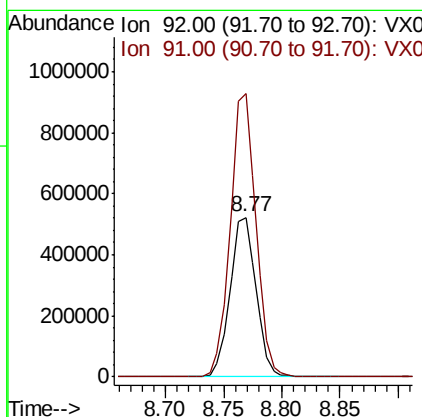
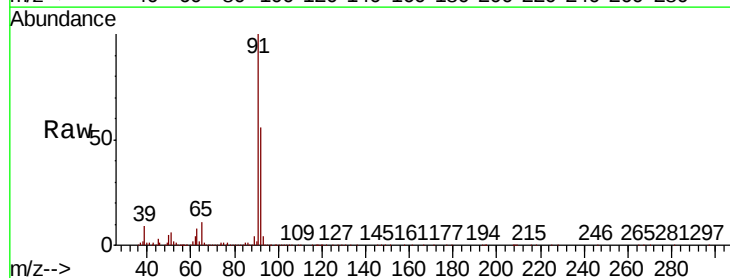
Instrument :  
MSVOA\_X  
ClientSampleId :

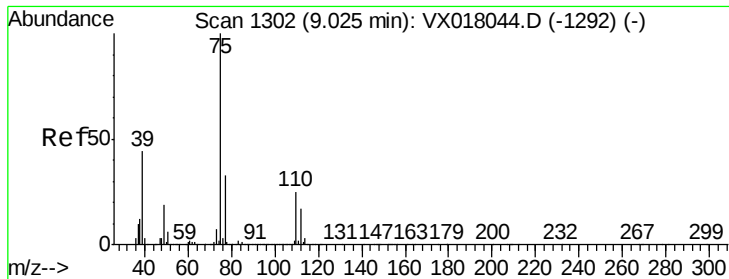
Tot Ion: 43 Resp: 2595517  
Ion Ratio Lower Upper  
43 100  
58 38.4 30.7 46.1



#52  
Toluene  
Concen: 48.674 ug/l  
RT: 8.77 min Scan# 1260  
Delta R.T. 0.00 min  
Lab File: VX018044.D  
Acq: 20 Aug 2020 20:08

Tgt Ion: 92 Resp: 813962  
Ion Ratio Lower Upper  
92 100  
91 175.4 140.3 210.5

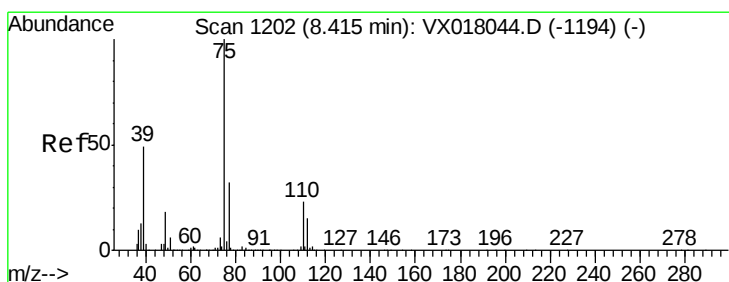
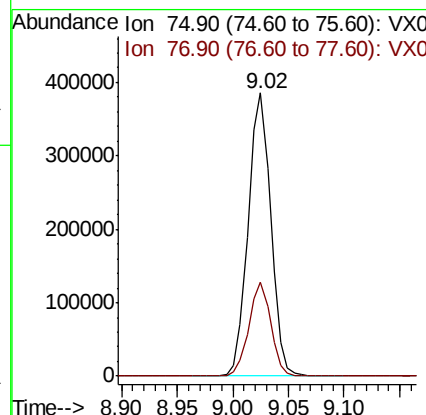
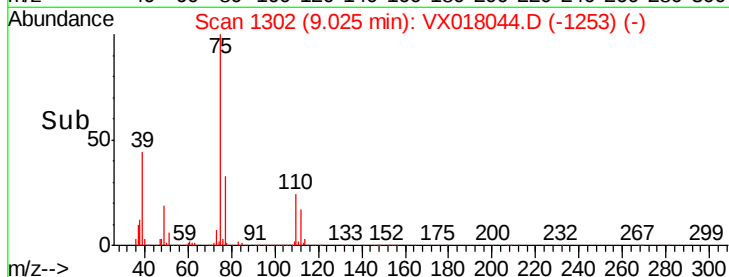
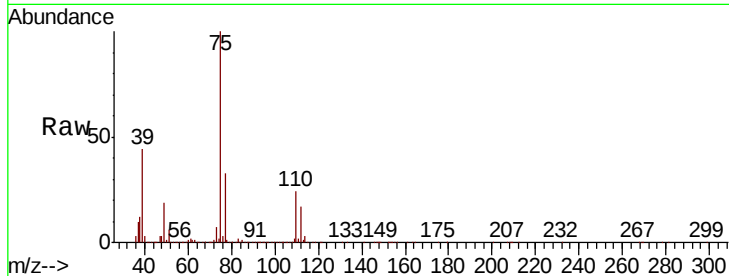




#53  
 t-1,3-Dichloropropene  
 Concen: 48.560 ug/l  
 RT: 9.02 min Scan# 1302  
 Delta R.T. 0.00 min  
 Lab File: VX018044.D  
 Acq: 20 Aug 2020 20:08

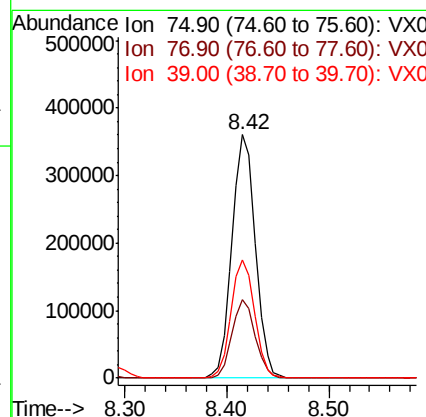
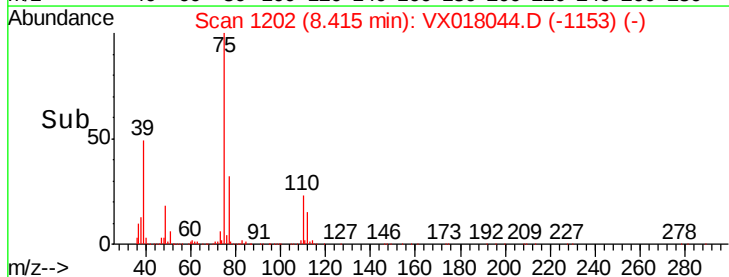
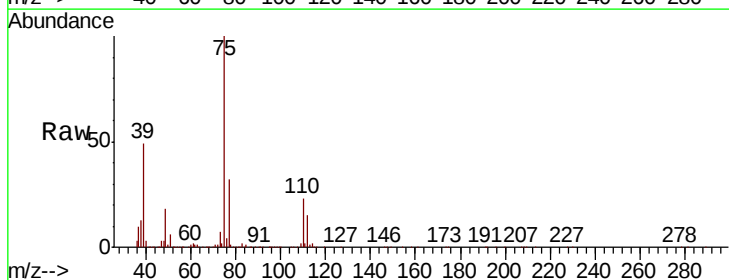
Instrument :  
 MSVOA\_X  
 ClientSampleId :

Tot Ion: 75 Resp: 544726  
 Ion Ratio Lower Upper  
 75 100  
 77 33.2 26.6 39.8



#54  
 cis-1,3-Dichloropropene  
 Concen: 48.690 ug/l  
 RT: 8.42 min Scan# 1202  
 Delta R.T. 0.00 min  
 Lab File: VX018044.D  
 Acq: 20 Aug 2020 20:08

Tgt Ion: 75 Resp: 570257  
 Ion Ratio Lower Upper  
 75 100  
 77 32.3 25.8 38.8  
 39 48.5 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 51.839 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA\_X

ClientSampleId :

Tot Ion: 97 Resp: 344894

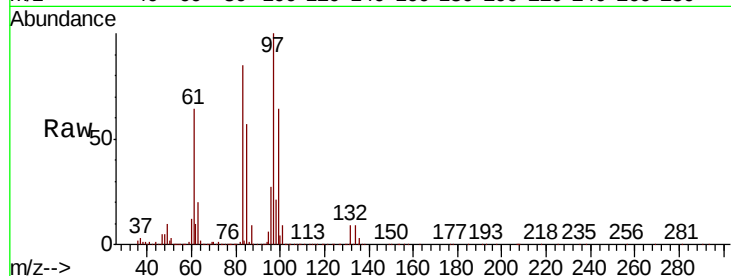
Ion Ratio Lower Upper

97 100

83 84.7 67.8 101.6

85 56.6 45.3 67.9

99 63.6 50.9 76.3

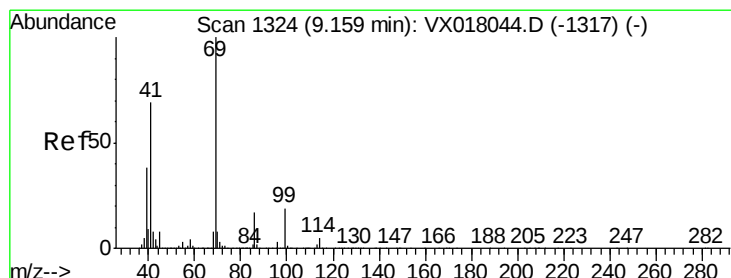
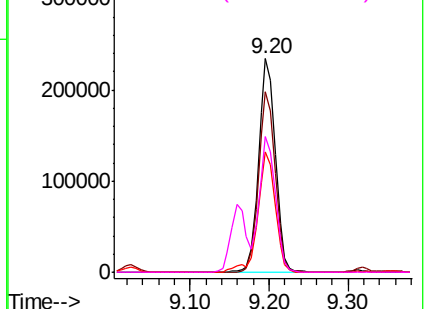
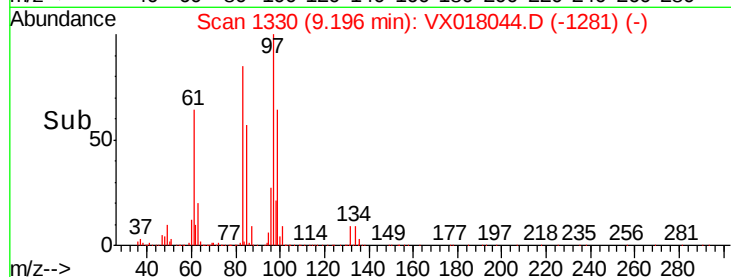


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 49.353 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

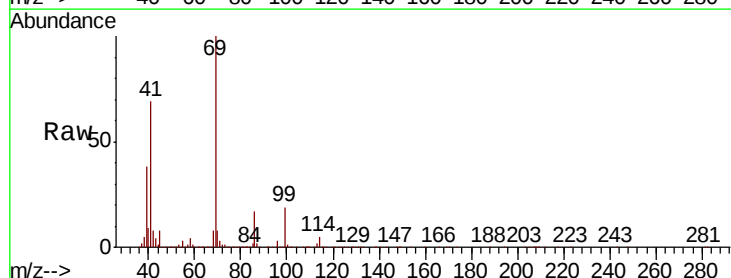
Tgt Ion: 69 Resp: 528420

Ion Ratio Lower Upper

69 100

41 68.2 54.6 81.8

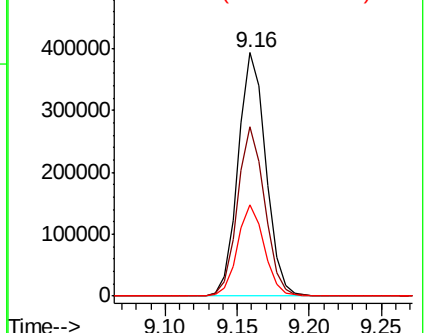
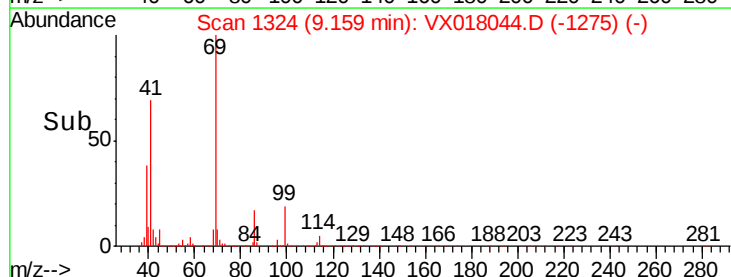
39 36.4 29.1 43.7

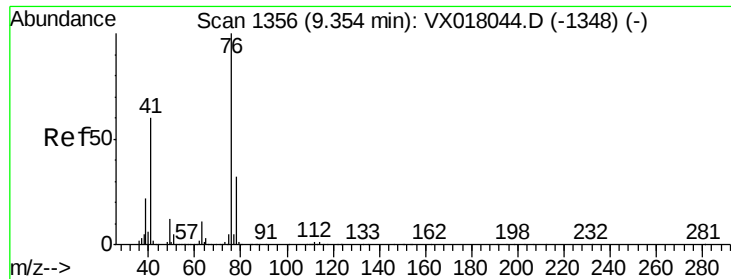


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.573 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA\_X

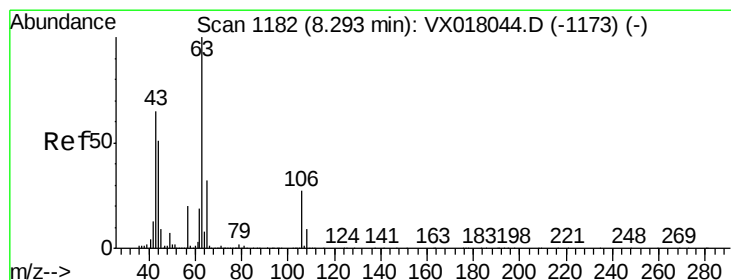
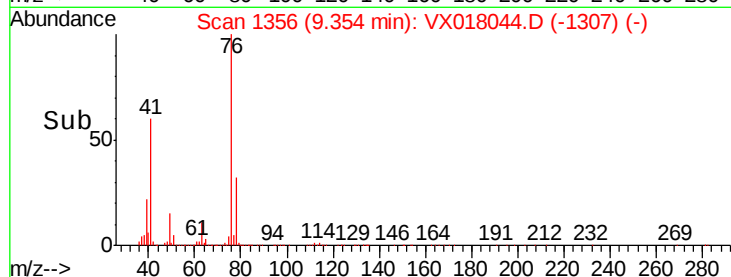
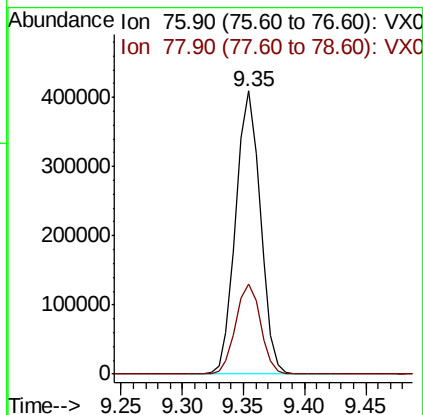
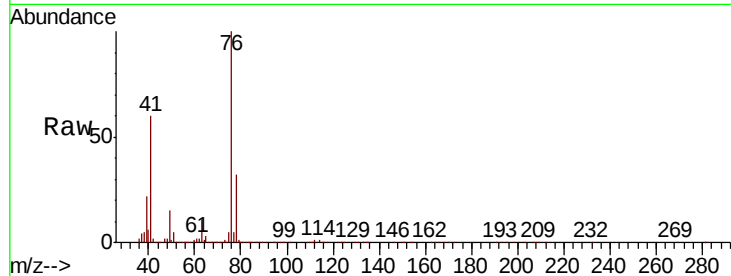
ClientSampleId :

Tot Ion: 76 Resp: 571346

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 208.387 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX018044.D

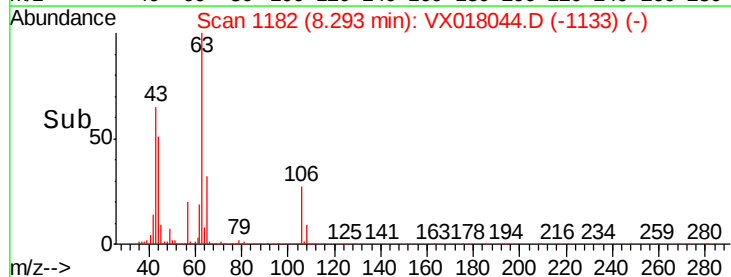
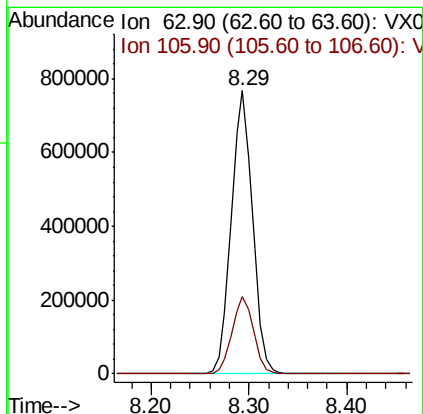
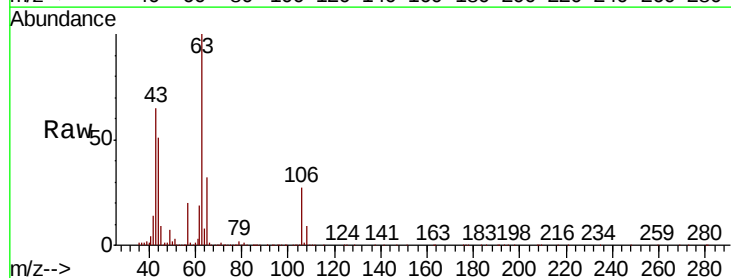
Acq: 20 Aug 2020 20:08

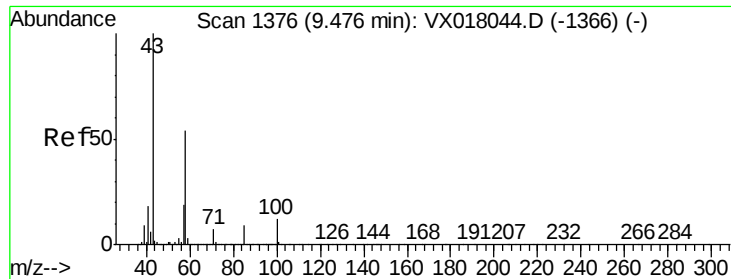
Tgt Ion: 63 Resp: 1156981

Ion Ratio Lower Upper

63 100

106 27.6 22.1 33.1

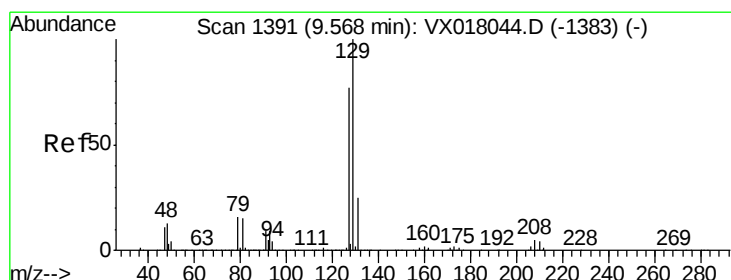
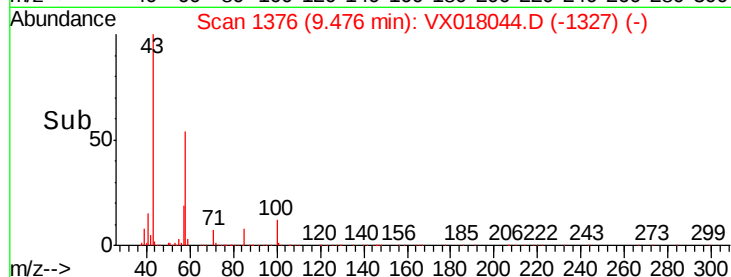
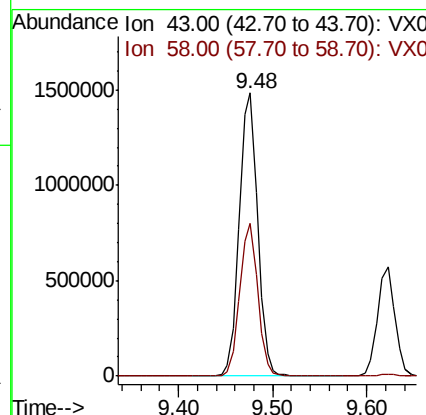
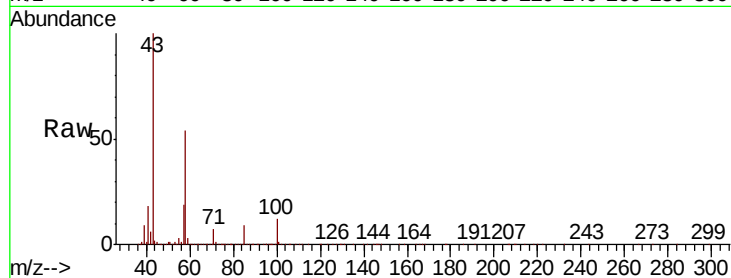




#59  
2-Hexanone  
Concen: 246.796 ug/l  
RT: 9.48 min Scan# 1376  
Delta R.T. 0.00 min  
Lab File: VX018044.D  
Acq: 20 Aug 2020 20:08

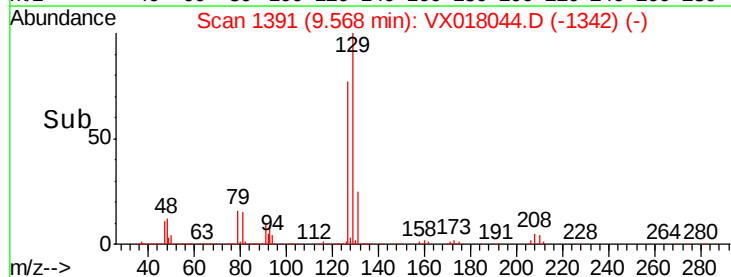
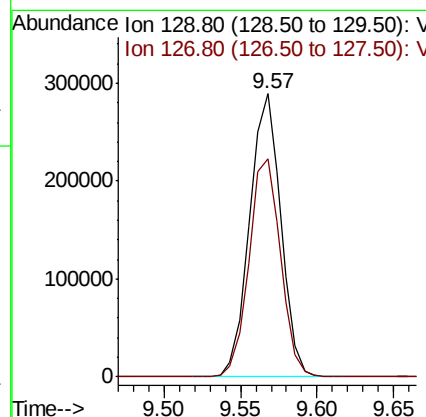
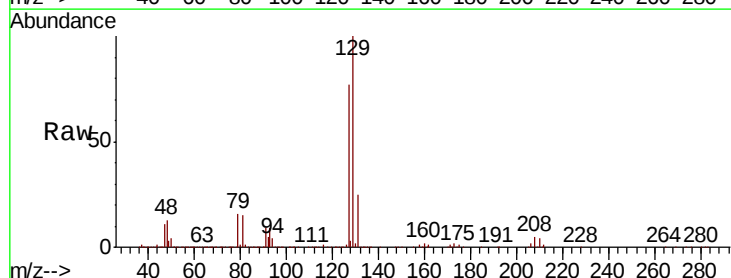
Instrument :  
MSVOA\_X  
ClientSampleId :

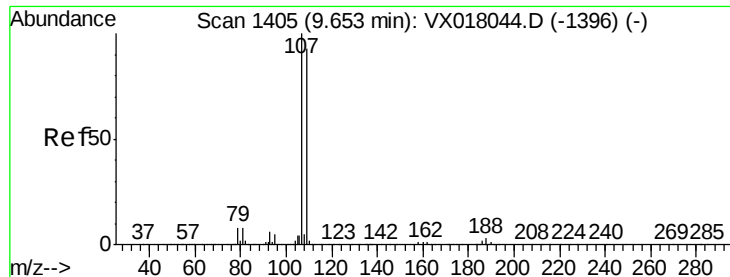
Tot Ion: 43 Resp: 2007628  
Ion Ratio Lower Upper  
43 100  
58 53.1 26.6 79.7



#60  
Dibromochloromethane  
Concen: 55.417 ug/l  
RT: 9.57 min Scan# 1391  
Delta R.T. 0.00 min  
Lab File: VX018044.D  
Acq: 20 Aug 2020 20:08

Tgt Ion:129 Resp: 410143  
Ion Ratio Lower Upper  
129 100  
127 77.7 38.9 116.6





#61

1,2-Dibromoethane

Concen: 52.159 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA\_X

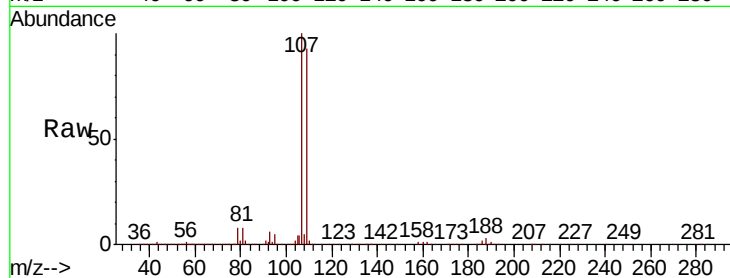
ClientSampleId :

Tot Ion: 107 Resp: 375363

Ion Ratio Lower Upper

107 100

109 94.9 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

250000

200000

150000

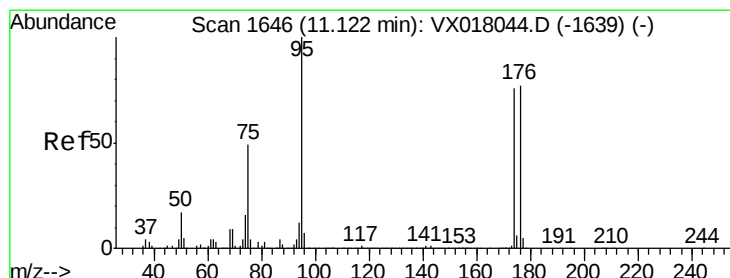
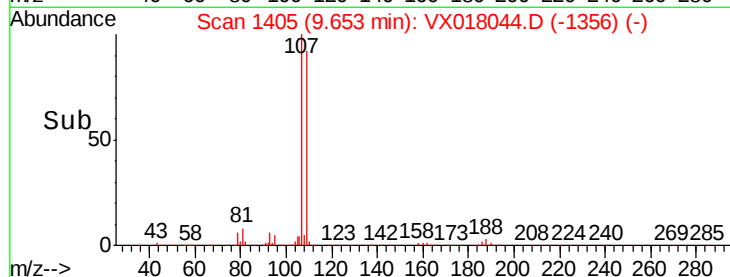
100000

50000

0

Time-->

9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 51.905 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

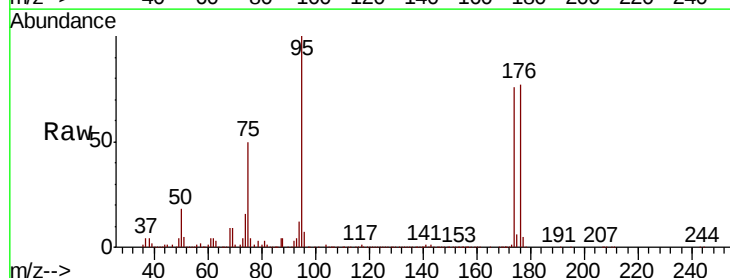
Tgt Ion: 95 Resp: 460787

Ion Ratio Lower Upper

95 100

174 80.1 0.0 160.2

176 77.9 0.0 155.8



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

500000

400000

300000

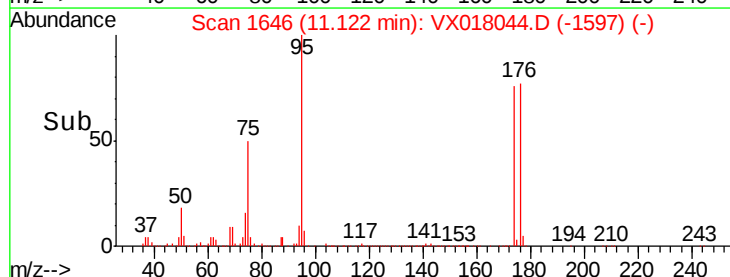
200000

100000

0

Time-->

11.10 11.20

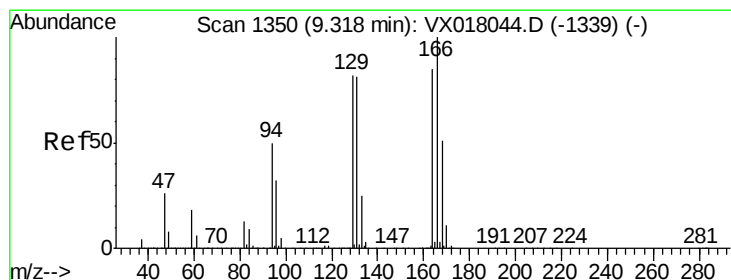
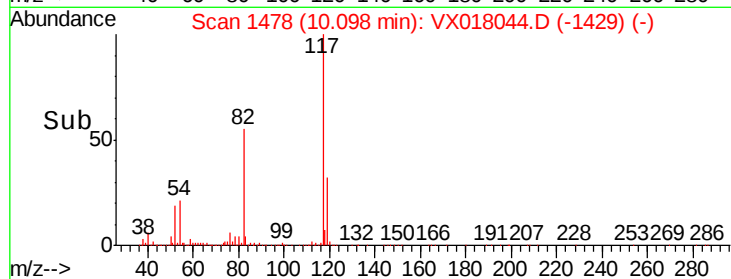
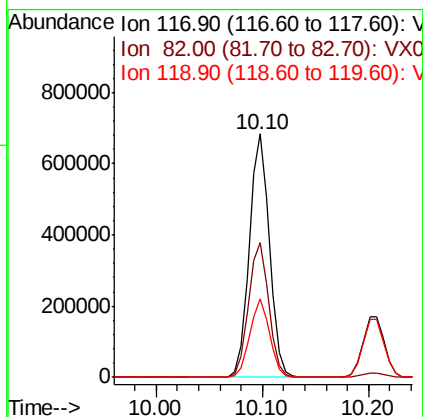
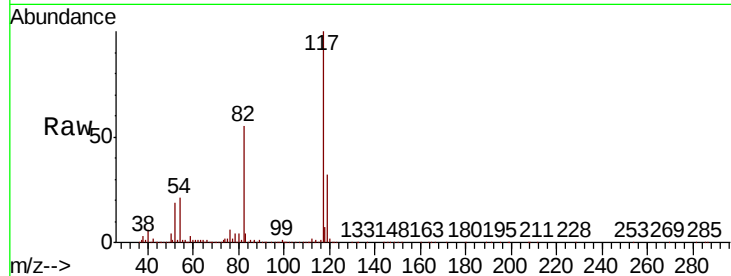




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. 0.00 min  
Lab File: VX018044.D  
Acq: 20 Aug 2020 20:08

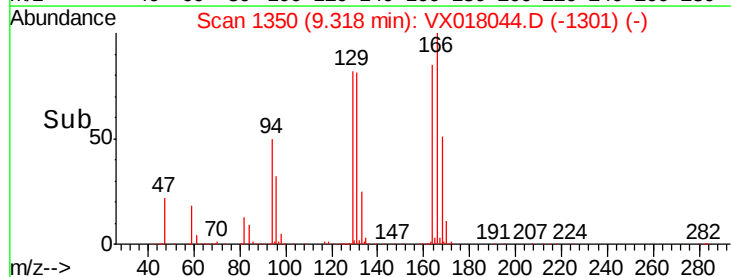
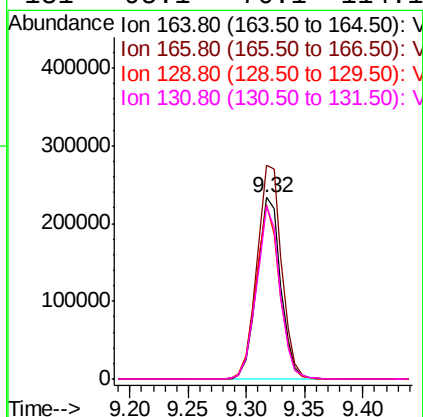
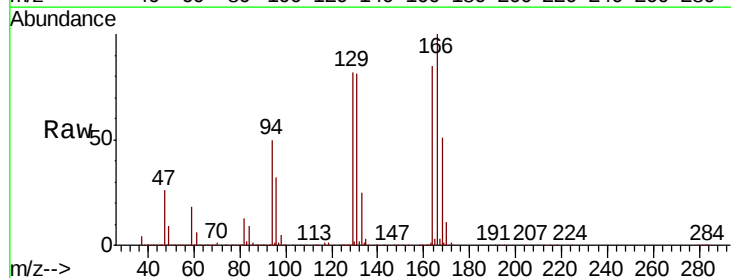
Instrument :  
MSVOA\_X  
ClientSampleId :

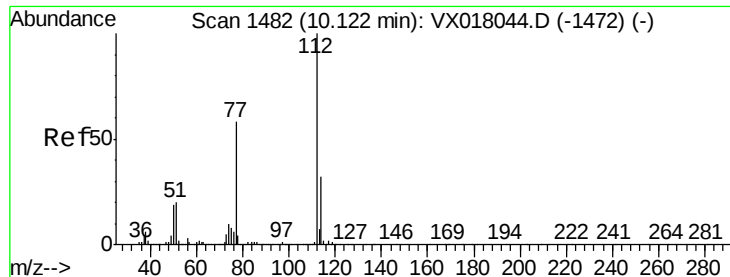
Tot Ion:117 Resp: 905703  
Ion Ratio Lower Upper  
117 100  
82 55.2 44.2 66.2  
119 32.1 25.7 38.5



#64  
Tetrachloroethene  
Concen: 32.107 ug/l  
RT: 9.32 min Scan# 1350  
Delta R.T. 0.00 min  
Lab File: VX018044.D  
Acq: 20 Aug 2020 20:08

Tgt Ion:164 Resp: 334643  
Ion Ratio Lower Upper  
164 100  
166 117.7 94.2 141.2  
129 96.1 76.9 115.3  
131 95.1 76.1 114.1

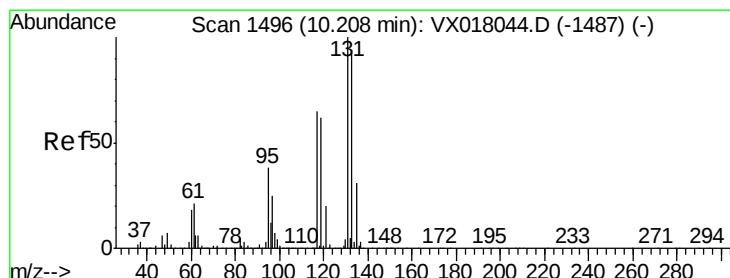
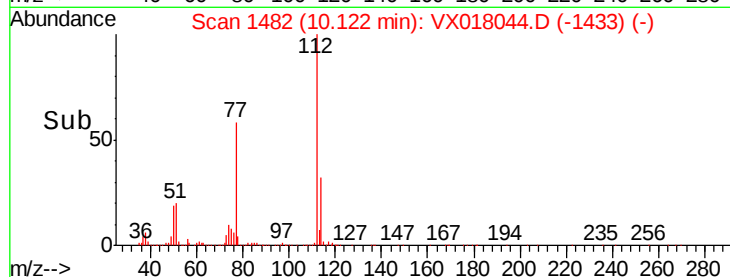
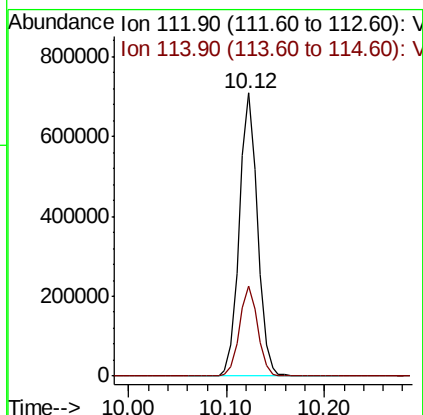
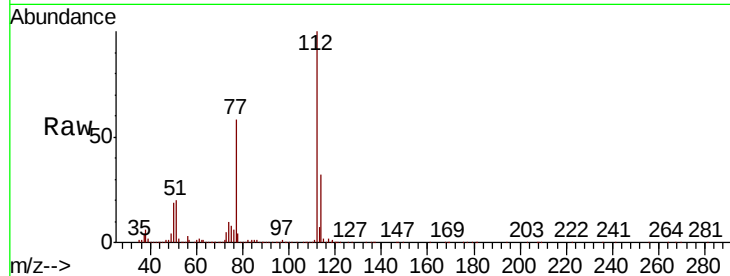




#65  
Chlorobenzene  
Concen: 48.451 ug/l  
RT: 10.12 min Scan# 1482  
Delta R.T. 0.00 min  
Lab File: VX018044.D  
Acq: 20 Aug 2020 20:08

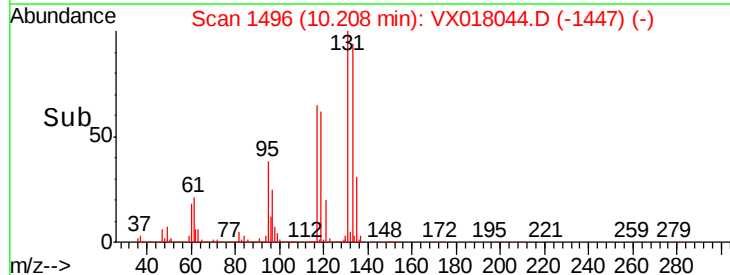
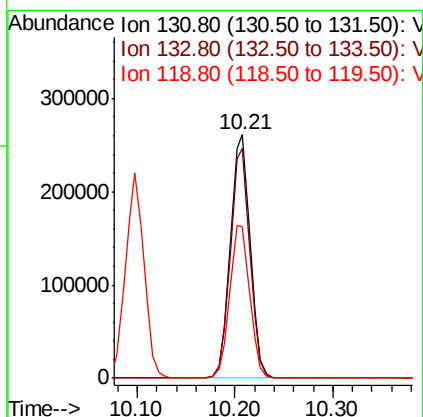
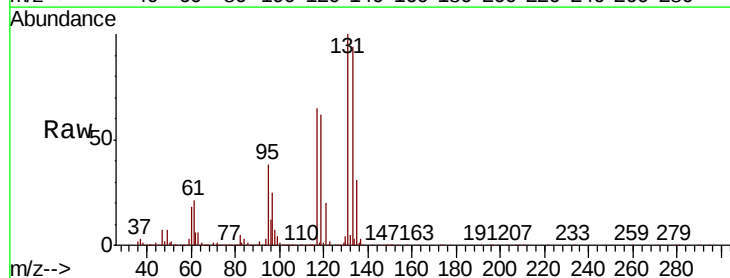
Instrument :  
MSVOA\_X  
ClientSampleId :

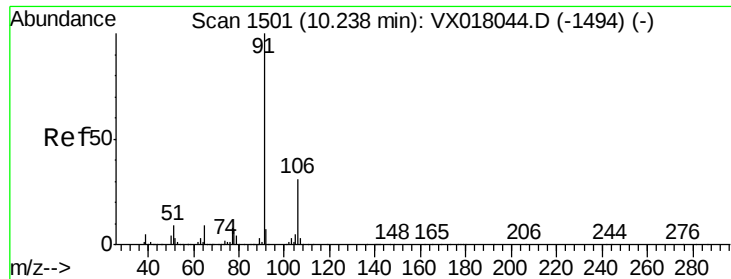
Tot Ion:112 Resp: 914834  
Ion Ratio Lower Upper  
112 100  
114 32.1 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.732 ug/l  
RT: 10.21 min Scan# 1496  
Delta R.T. 0.00 min  
Lab File: VX018044.D  
Acq: 20 Aug 2020 20:08

Tgt Ion:131 Resp: 364493  
Ion Ratio Lower Upper  
131 100  
133 93.4 46.7 140.1  
119 63.6 31.8 95.4

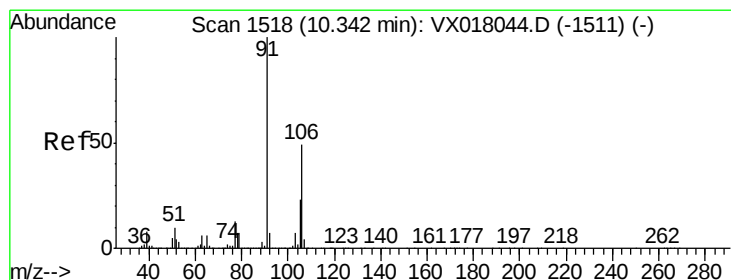
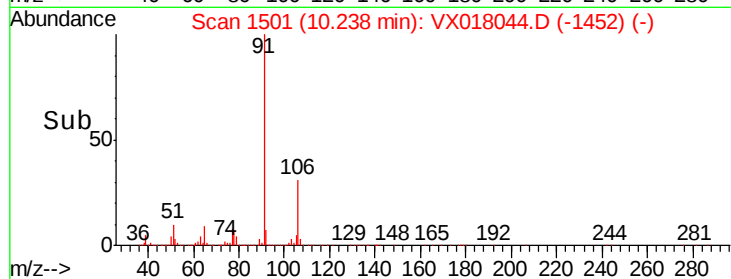
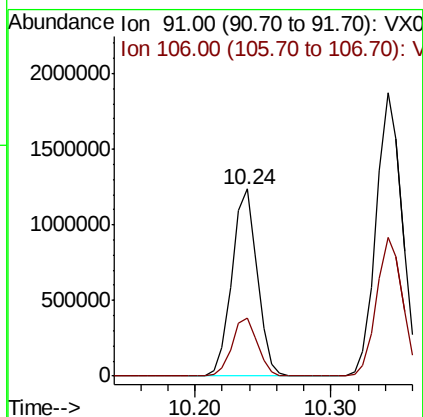
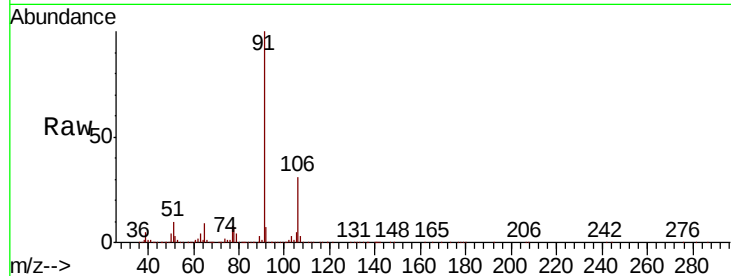




#67  
Ethyl Benzene  
Concen: 47.791 ug/l  
RT: 10.24 min Scan# 1501  
Delta R.T. 0.00 min  
Lab File: VX018044.D  
Acq: 20 Aug 2020 20:08

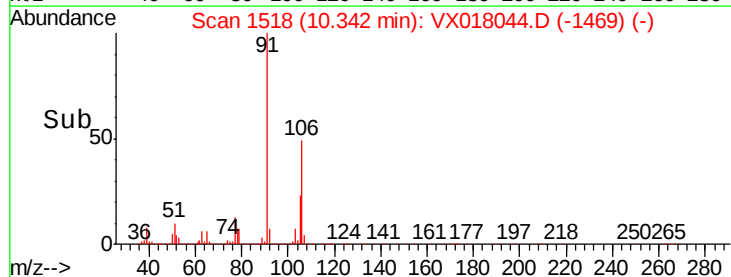
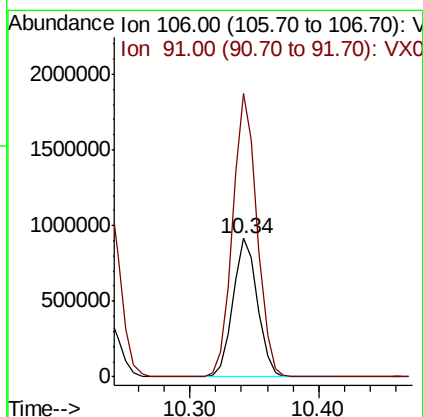
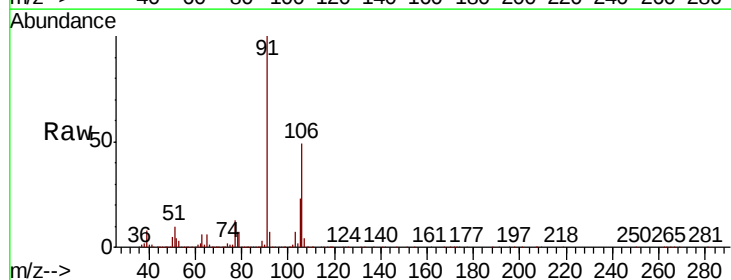
Instrument :  
MSVOA\_X  
ClientSampleId :

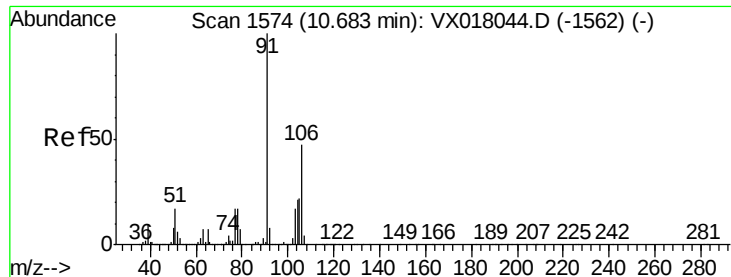
Tot Ion: 91 Resp: 1600649  
Ion Ratio Lower Upper  
91 100  
106 31.1 24.9 37.3



#68  
m/p-Xylenes  
Concen: 97.304 ug/l  
RT: 10.34 min Scan# 1518  
Delta R.T. 0.00 min  
Lab File: VX018044.D  
Acq: 20 Aug 2020 20:08

Tgt Ion: 106 Resp: 1221435  
Ion Ratio Lower Upper  
106 100  
91 202.7 162.2 243.2

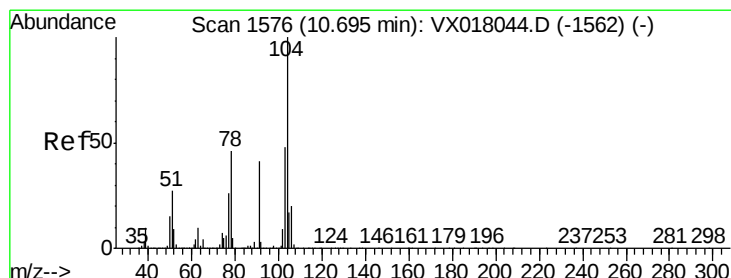
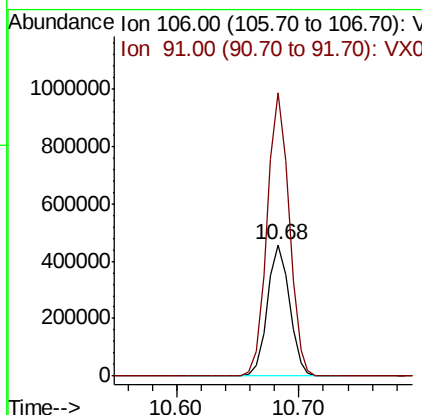
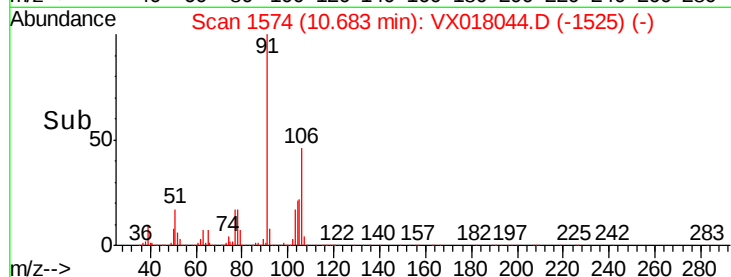
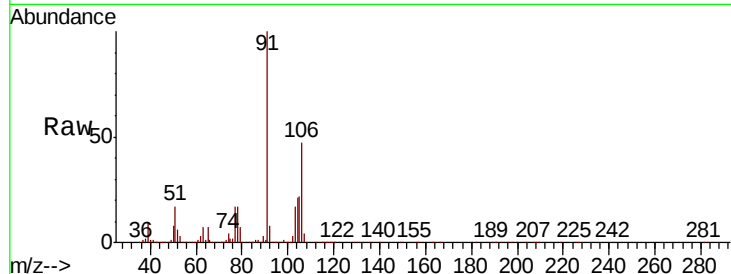




#69  
o-Xylene  
Concen: 48.008 ug/l  
RT: 10.68 min Scan# 1574  
Delta R.T. 0.00 min  
Lab File: VX018044.D  
Acq: 20 Aug 2020 20:08

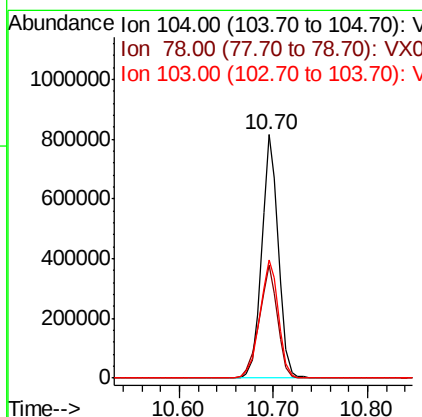
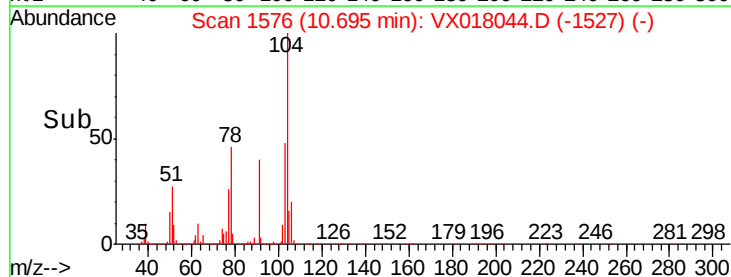
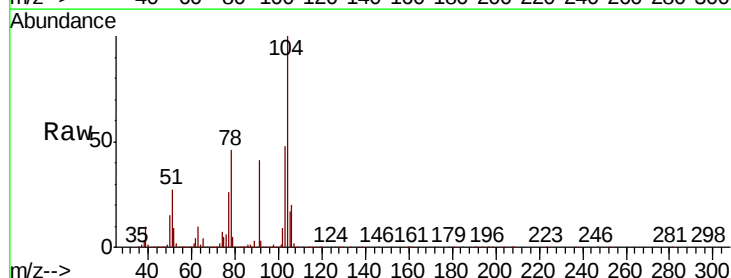
Instrument :  
MSVOA\_X  
ClientSampled :

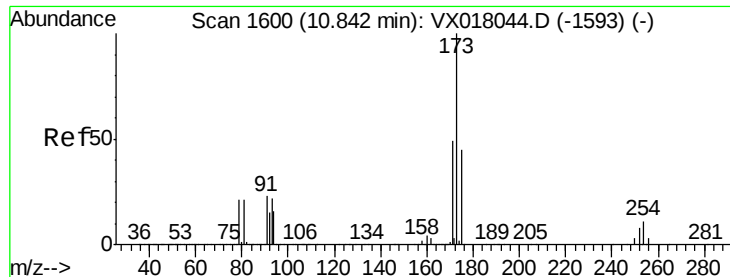
Tot Ion:106 Resp: 578209  
Ion Ratio Lower Upper  
106 100  
91 214.2 107.1 321.3



#70  
Styrene  
Concen: 49.578 ug/l  
RT: 10.70 min Scan# 1576  
Delta R.T. 0.00 min  
Lab File: VX018044.D  
Acq: 20 Aug 2020 20:08

Tgt Ion:104 Resp: 1016235  
Ion Ratio Lower Upper  
104 100  
78 51.1 40.9 61.3  
103 54.5 43.6 65.4





#71

Bromoform

Concen: 54.749 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA\_X

ClientSampleId :

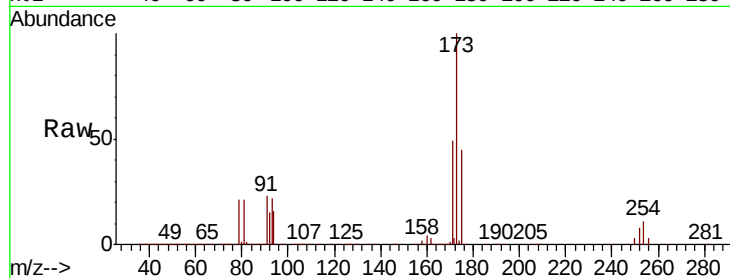
Tot Ion:173 Resp: 315675

Ion Ratio Lower Upper

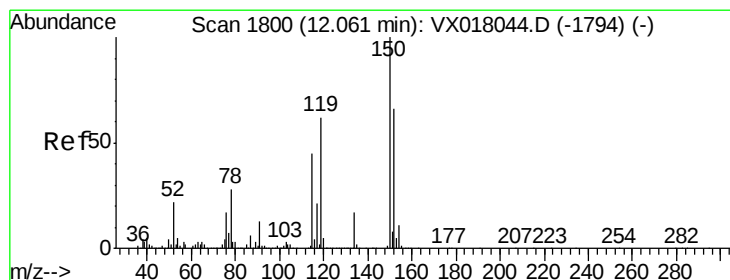
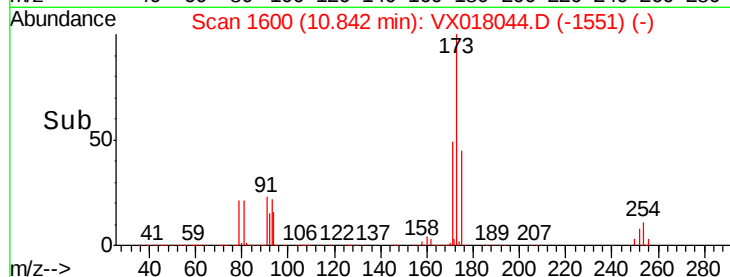
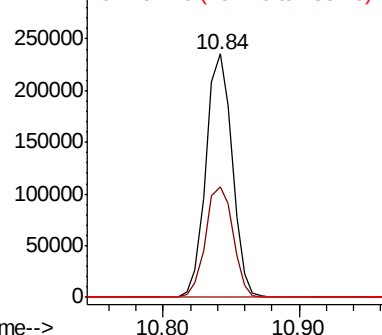
173 100

175 47.9 23.9 71.8

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: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

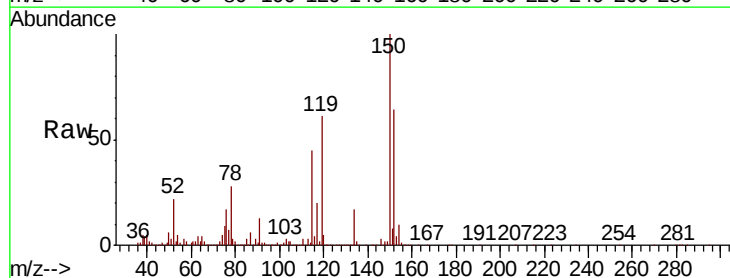
Tgt Ion:152 Resp: 456547

Ion Ratio Lower Upper

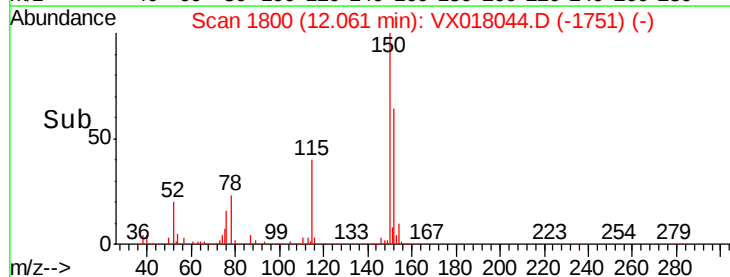
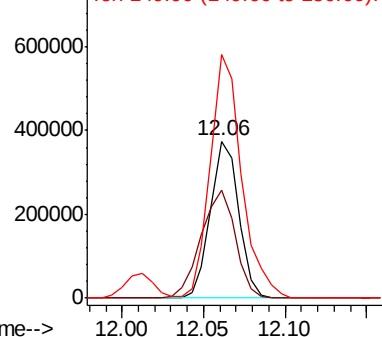
152 100

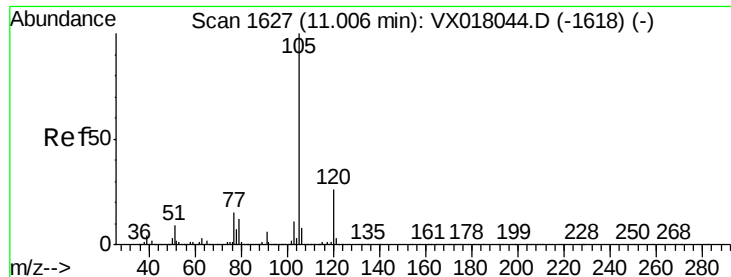
115 83.0 41.5 124.5

150 171.9 0.0 343.8



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: 47.866 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA\_X

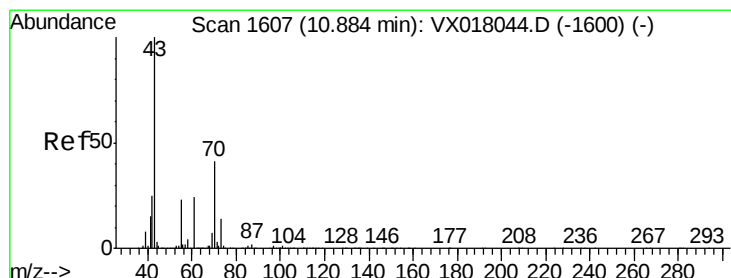
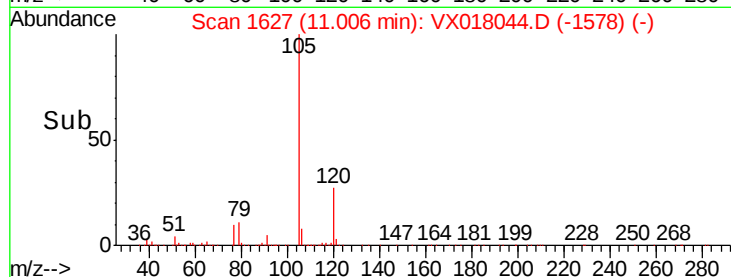
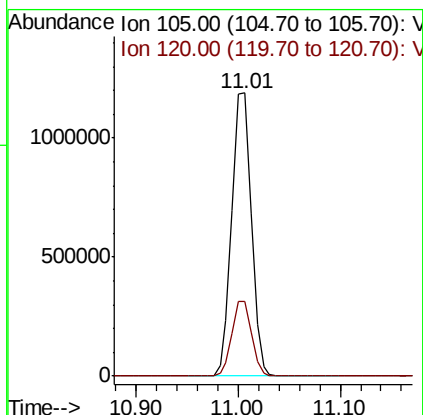
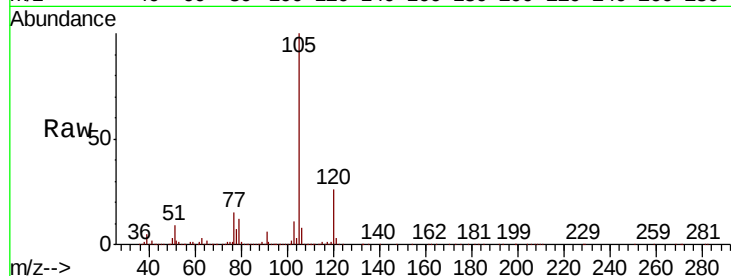
ClientSampleId :

Tot Ion: 105 Resp: 1574584

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.5



#74

N-ethyl acetate

Concen: 49.610 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Tgt Ion: 43 Resp: 766107

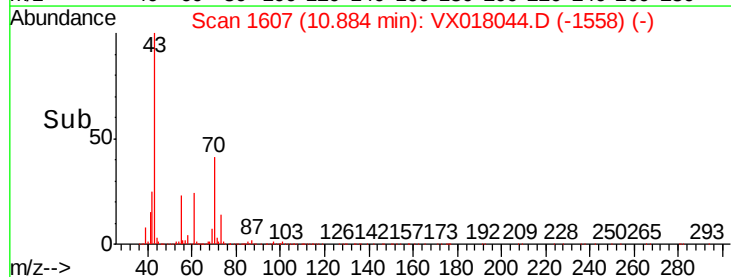
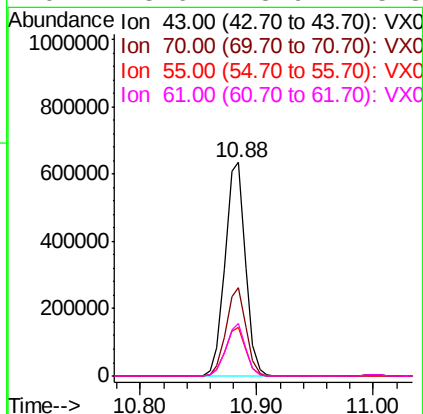
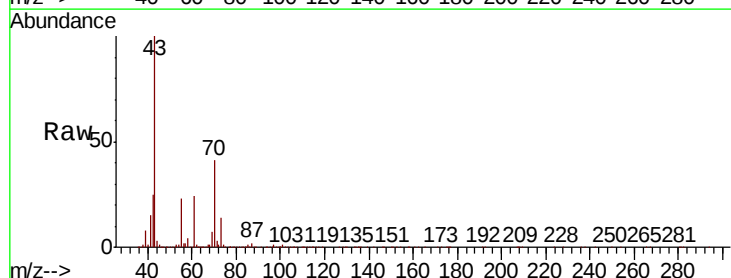
Ion Ratio Lower Upper

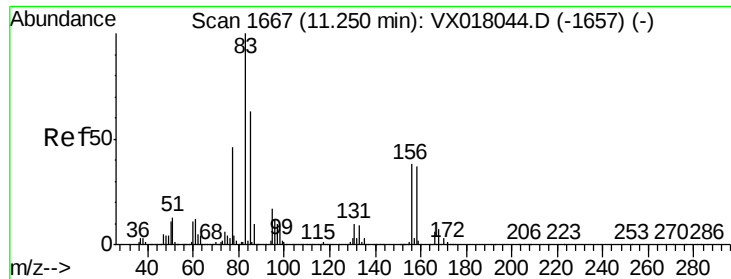
43 100

70 40.4 32.3 48.5

55 22.7 18.2 27.2

61 23.6 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 79.286 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA\_X

ClientSampleId :

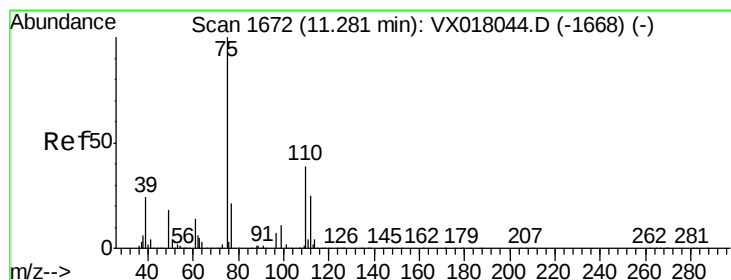
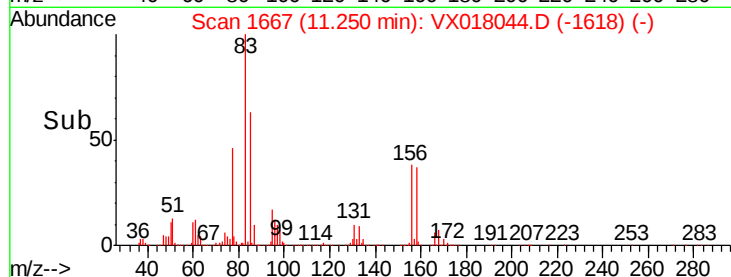
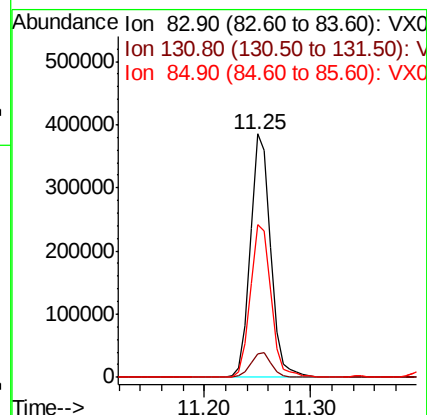
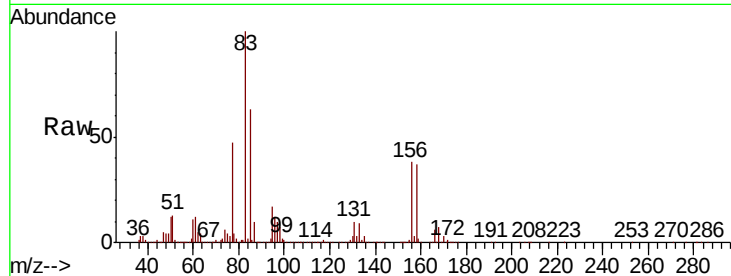
Tot Ion: 83 Resp: 514839

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.4

85 64.4 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 63.303 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018044.D

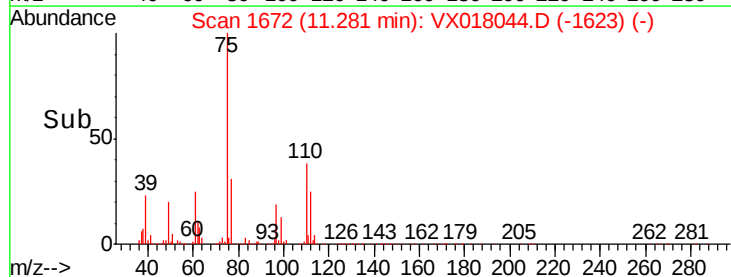
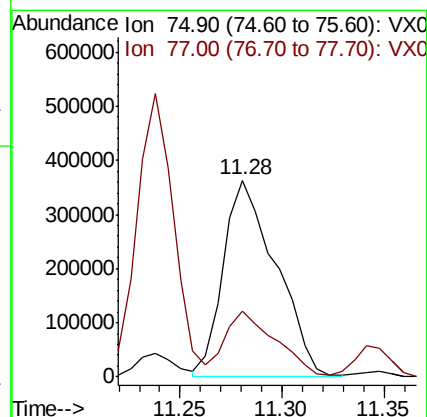
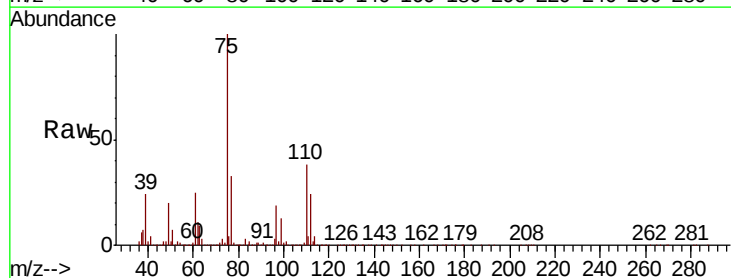
Acq: 20 Aug 2020 20:08

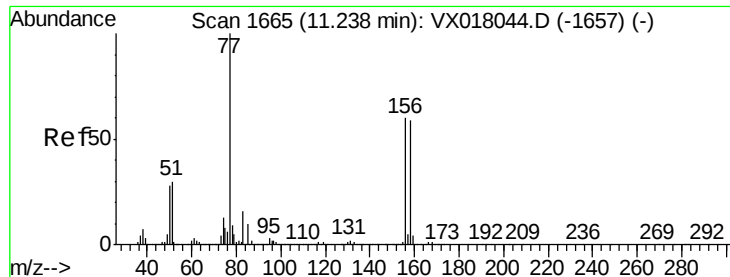
Tgt Ion: 75 Resp: 651393

Ion Ratio Lower Upper

75 100

77 31.9 20.8 62.2





#77

Bromobenzene

Concen: 48.009 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA\_X

ClientSampleId :

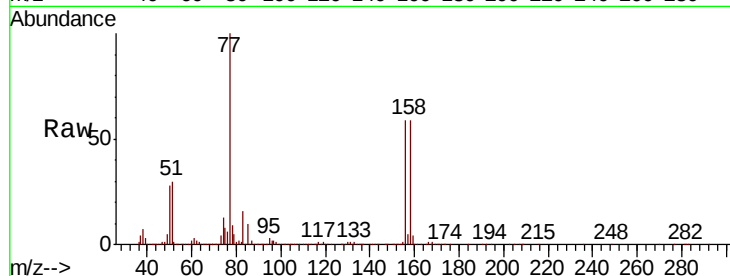
Tot Ion:156 Resp: 410625

Ion Ratio Lower Upper

156 100

77 160.1 80.0 240.2

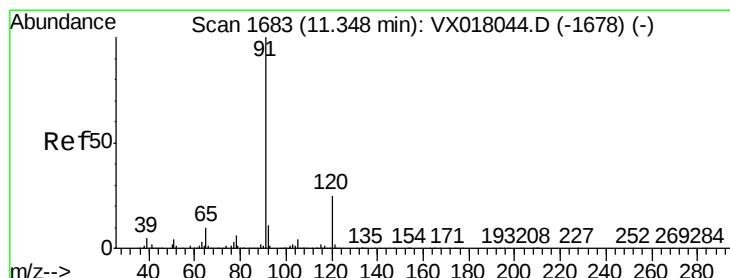
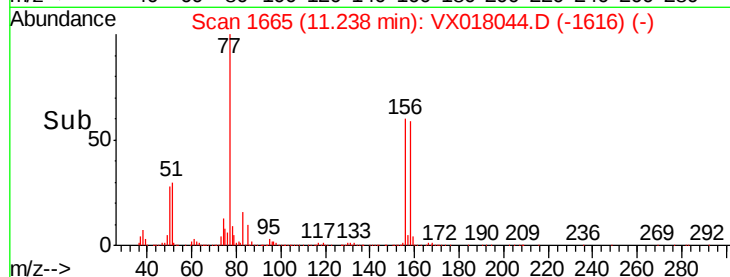
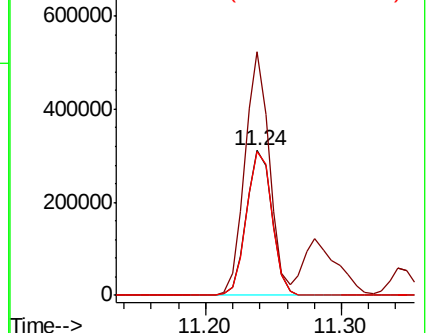
158 99.1 49.5 148.7



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: 46.503 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VX018044.D

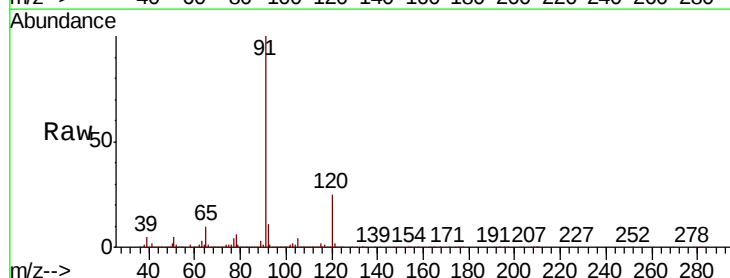
Acq: 20 Aug 2020 20:08

Tgt Ion: 91 Resp: 1775421

Ion Ratio Lower Upper

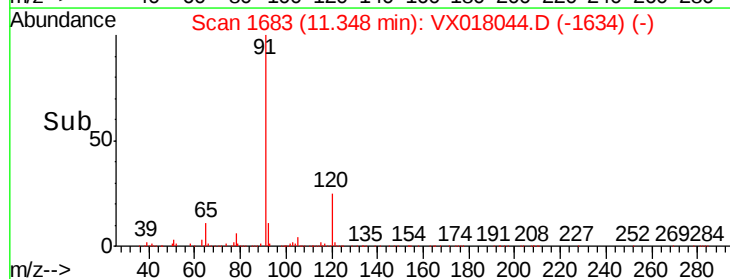
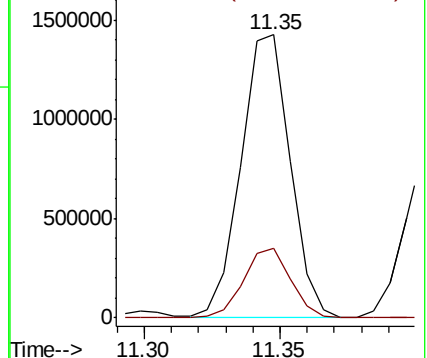
91 100

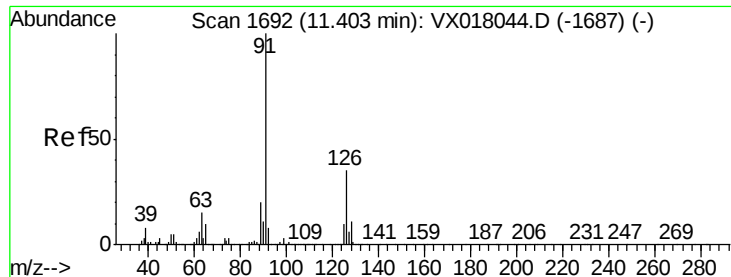
120 23.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

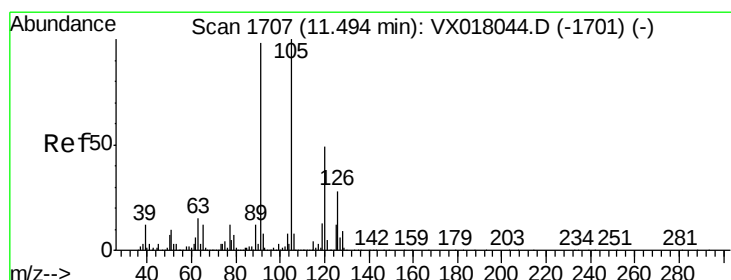
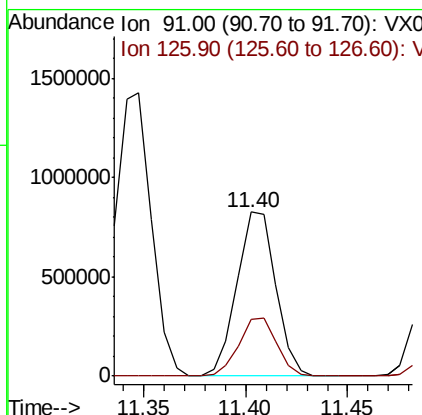
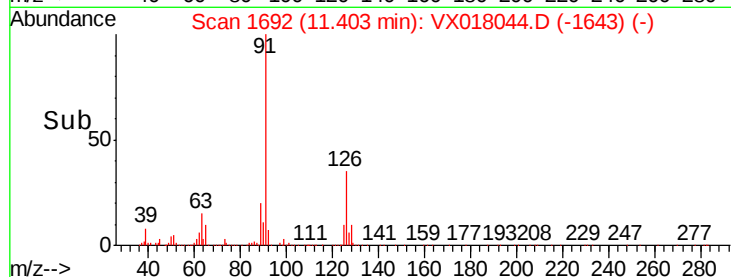
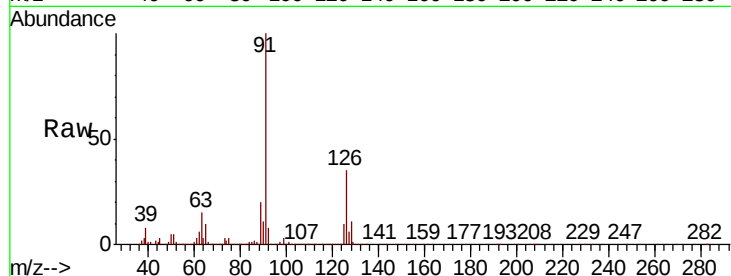




#79  
2-Chlorotoluene  
Concen: 48.018 ug/l  
RT: 11.40 min Scan# 1692  
Delta R.T. 0.00 min  
Lab File: VX018044.D  
Acq: 20 Aug 2020 20:08

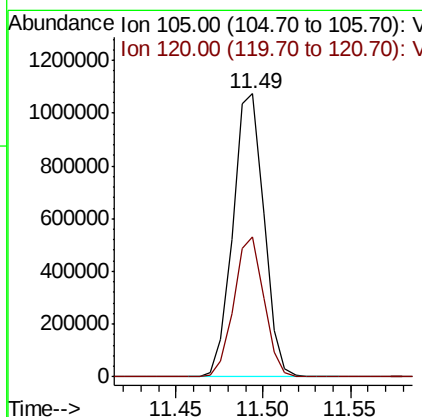
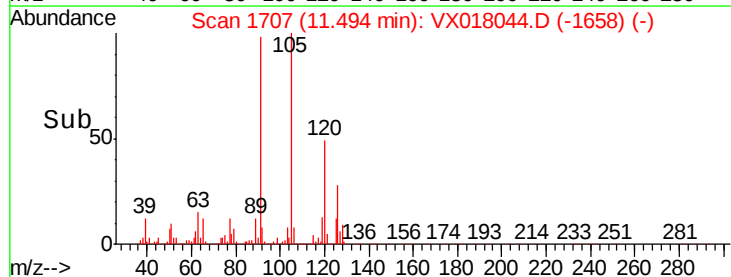
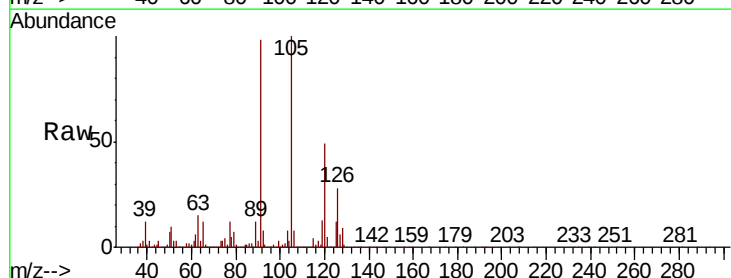
Instrument :  
MSVOA\_X  
ClientSampleId :

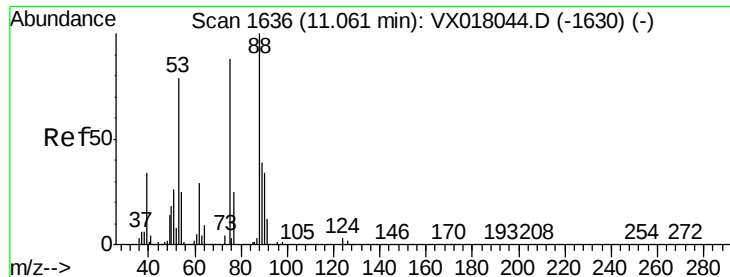
Tot Ion: 91 Resp: 1091093  
Ion Ratio Lower Upper  
91 100  
126 34.8 17.4 52.2



#80  
1,3,5-Trimethylbenzene  
Concen: 47.729 ug/l  
RT: 11.49 min Scan# 1707  
Delta R.T. 0.00 min  
Lab File: VX018044.D  
Acq: 20 Aug 2020 20:08

Tgt Ion:105 Resp: 1326303  
Ion Ratio Lower Upper  
105 100  
120 48.1 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 45.172 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA\_X

ClientSampled :

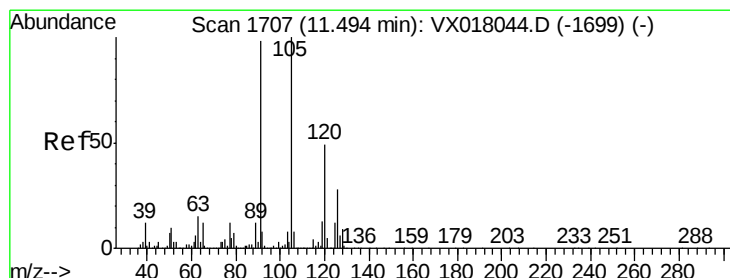
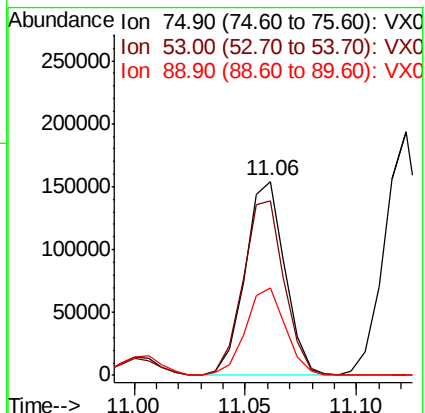
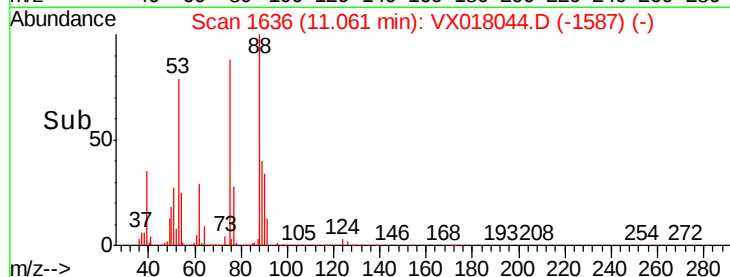
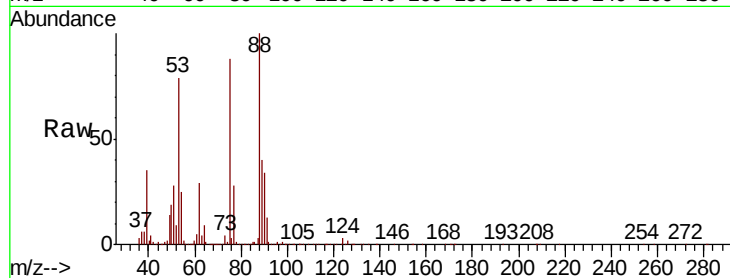
Tot Ion: 75 Resp: 190760

Ion Ratio Lower Upper

75 100

53 93.4 74.7 112.1

89 45.7 36.6 54.8



#82

4-Chlorotoluene

Concen: 47.991 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018044.D

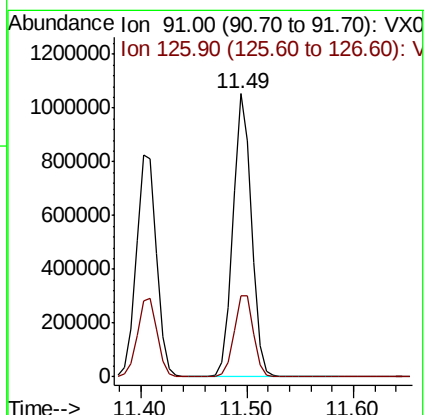
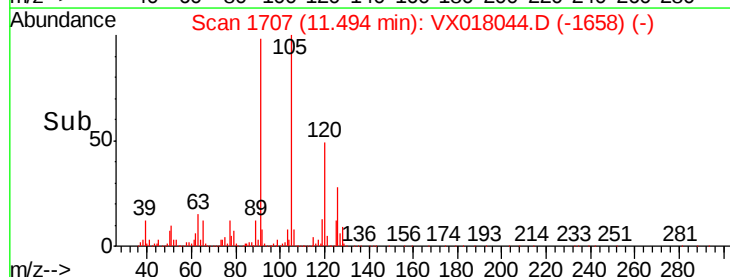
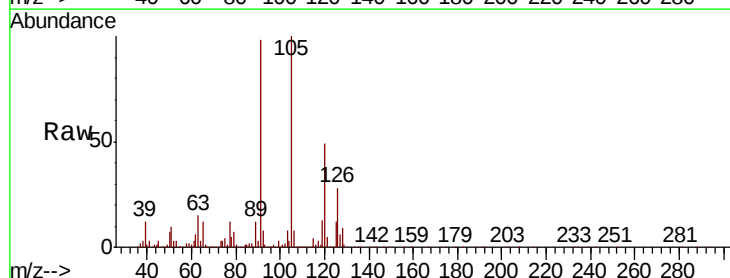
Acq: 20 Aug 2020 20:08

Tgt Ion: 91 Resp: 1285946

Ion Ratio Lower Upper

91 100

126 30.2 15.1 45.3

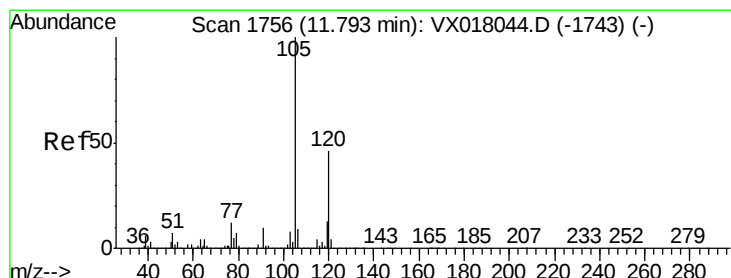
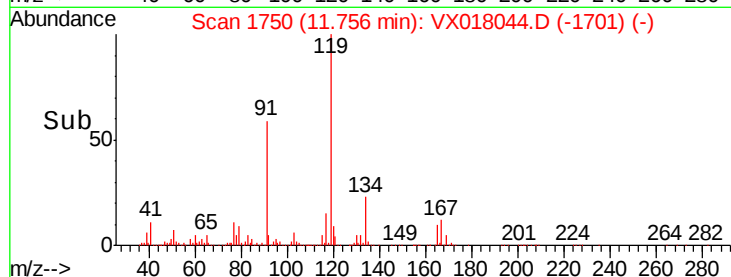
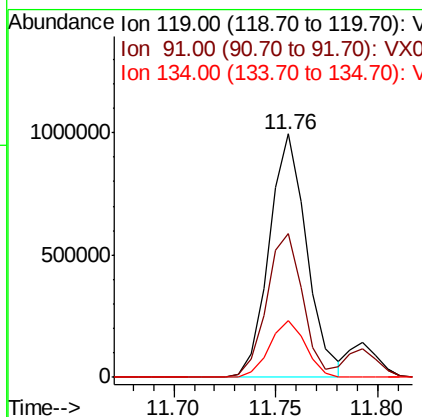
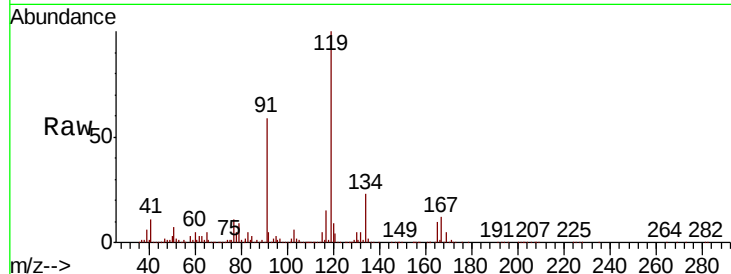




#83  
 tert-Butylbenzene  
 Concen: 52.132 ug/l  
 RT: 11.76 min Scan# 1750  
 Delta R.T. 0.00 min  
 Lab File: VX018044.D  
 Acq: 20 Aug 2020 20:08

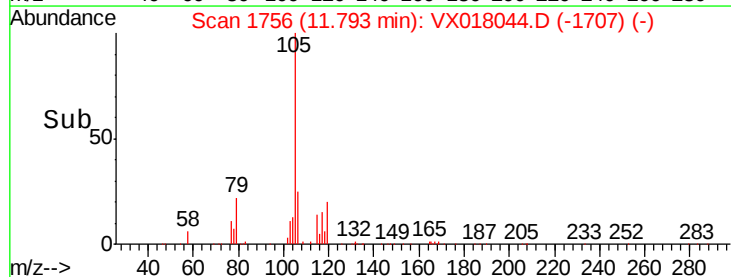
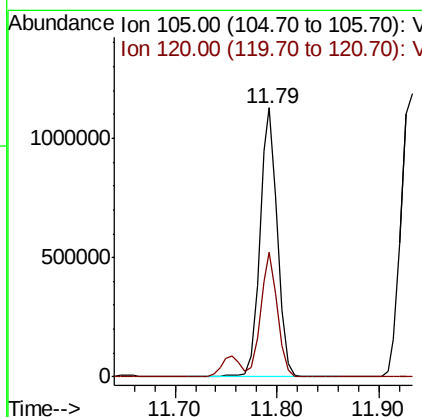
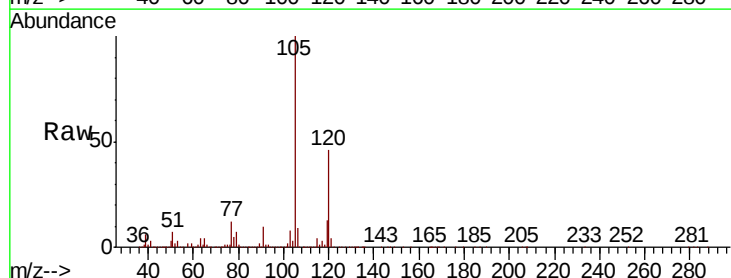
Instrument :  
 MSVOA\_X  
 ClientSampled :

Tot Ion:119 Resp: 1273333  
 Ion Ratio Lower Upper  
 119 100  
 91 56.5 28.2 84.7  
 134 22.5 11.3 33.8



#84  
 1,2,4-Trimethylbenzene  
 Concen: 47.849 ug/l  
 RT: 11.79 min Scan# 1756  
 Delta R.T. 0.00 min  
 Lab File: VX018044.D  
 Acq: 20 Aug 2020 20:08

Tgt Ion:105 Resp: 1345486  
 Ion Ratio Lower Upper  
 105 100  
 120 44.6 22.3 66.9

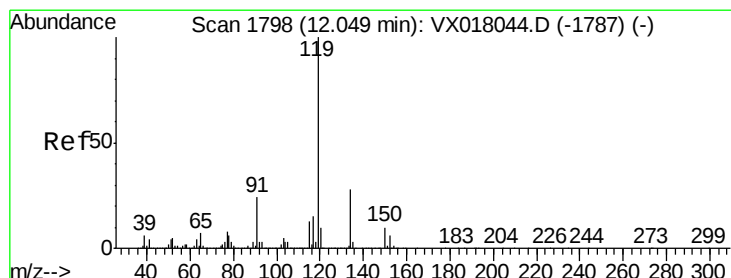
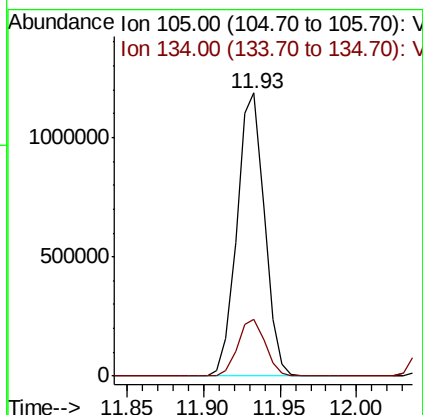
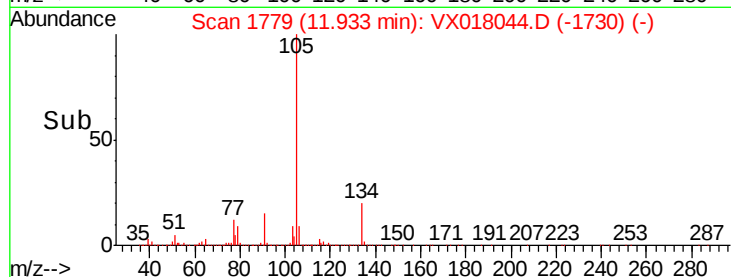
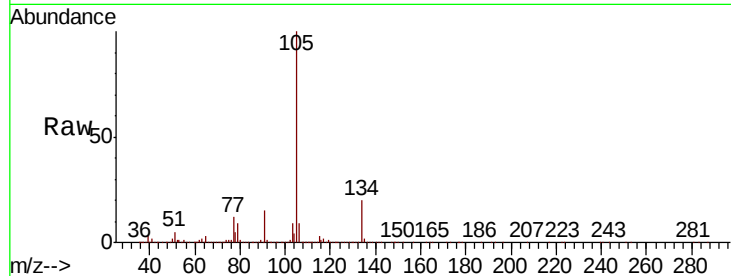




#85  
 sec-Butylbenzene  
 Concen: 45.865 ug/l  
 RT: 11.93 min Scan# 1779  
 Delta R.T. 0.00 min  
 Lab File: VX018044.D  
 Acq: 20 Aug 2020 20:08

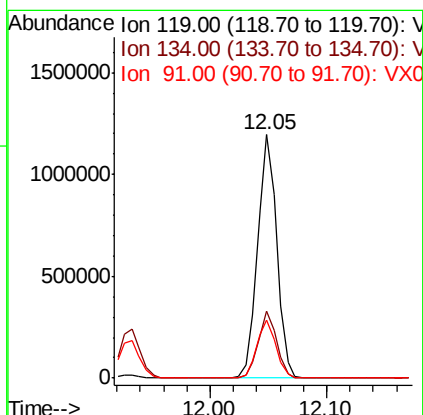
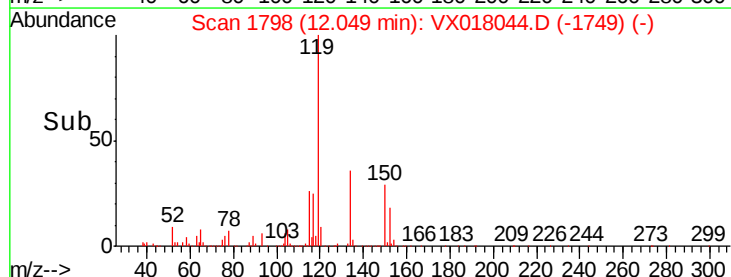
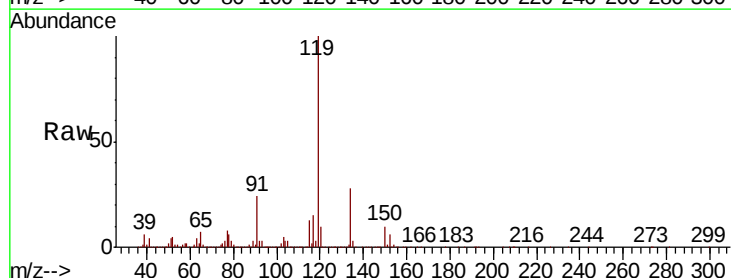
Instrument :  
 MSVOA\_X  
 ClientSampled :

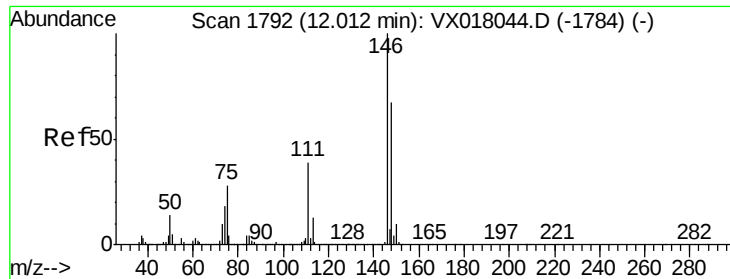
Tot Ion:105 Resp: 1473264  
 Ion Ratio Lower Upper  
 105 100  
 134 20.2 10.1 30.3



#86  
 p-Isopropyltoluene  
 Concen: 46.168 ug/l  
 RT: 12.05 min Scan# 1798  
 Delta R.T. 0.00 min  
 Lab File: VX018044.D  
 Acq: 20 Aug 2020 20:08

Tgt Ion:119 Resp: 1376737  
 Ion Ratio Lower Upper  
 119 100  
 134 26.3 13.2 39.5  
 91 23.6 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 46.766 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX018044.D

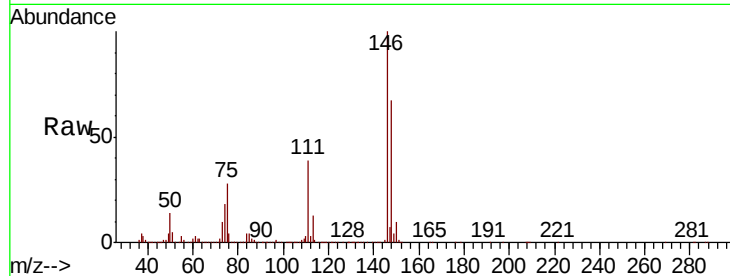
Acq: 20 Aug 2020 20:08

Instrument :

MSVOA\_X

ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 146   | Resp: | 715497 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 111      | 41.2  | 20.6  | 61.8   |
| 148      | 66.1  | 33.1  | 99.2   |

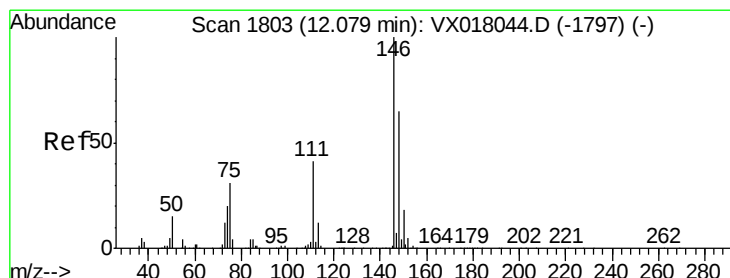
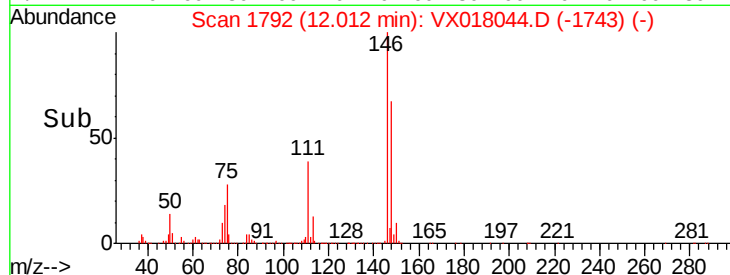
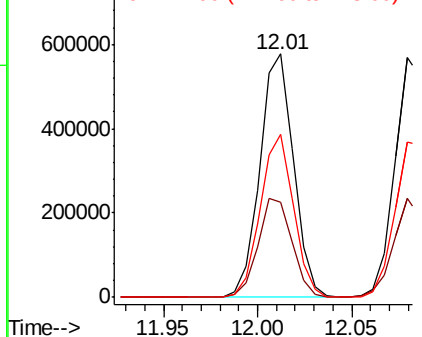


Abundance

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



#88

1,4-Dichlorobenzene

Concen: 46.396 ug/l

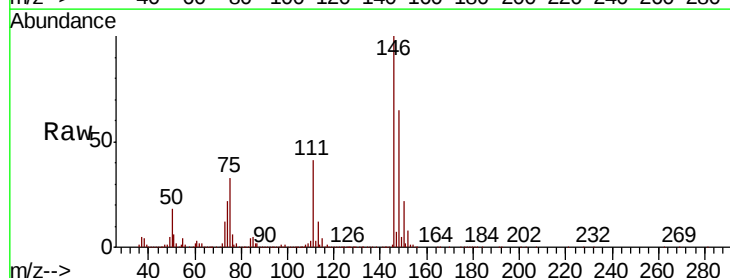
RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 719607 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 111      | 40.5  | 20.3  | 60.8   |
| 148      | 66.1  | 33.1  | 99.2   |

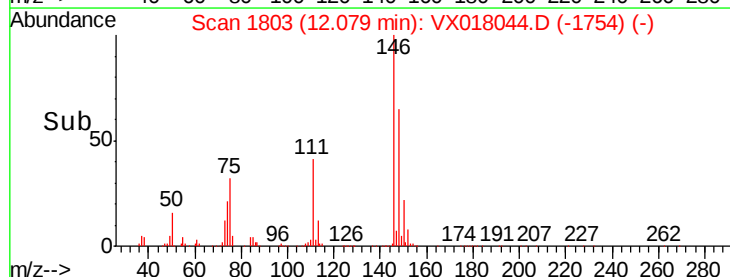
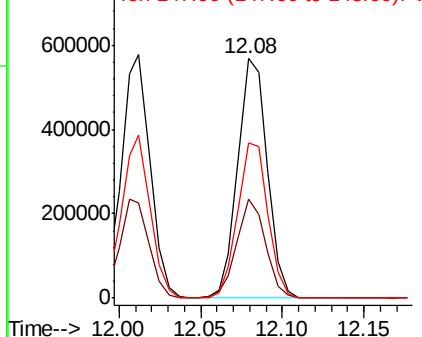


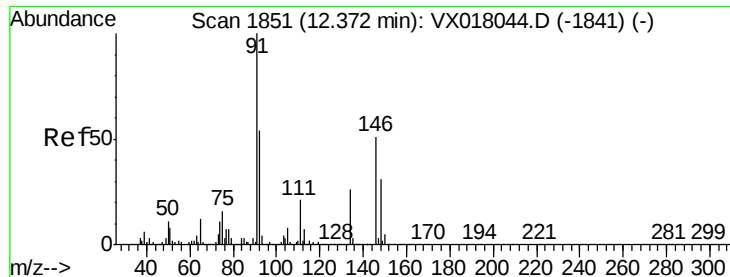
Abundance

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

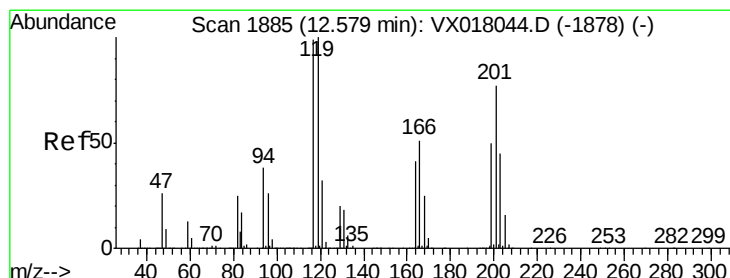
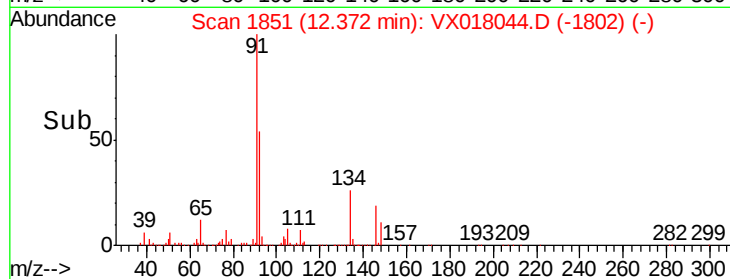
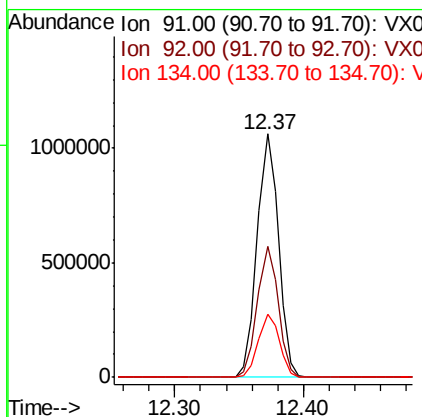
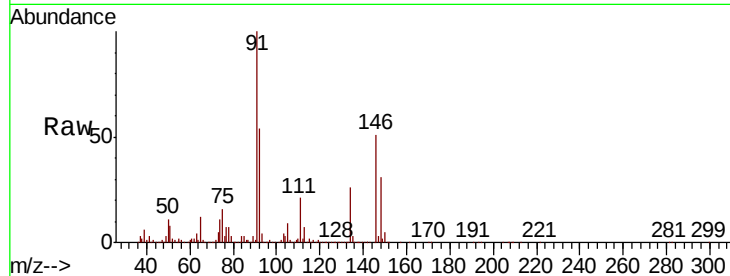




#89  
n-Butylbenzene  
Concen: 44.377 ug/l  
RT: 12.37 min Scan# 1851  
Delta R.T. 0.00 min  
Lab File: VX018044.D  
Acq: 20 Aug 2020 20:08

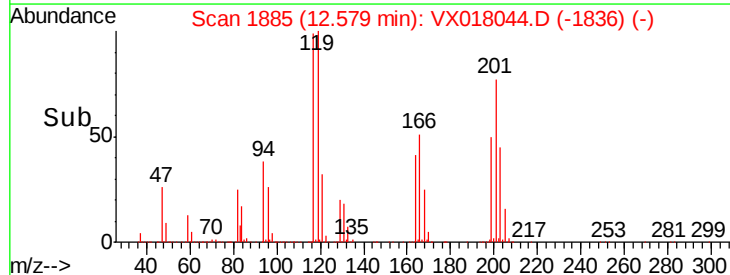
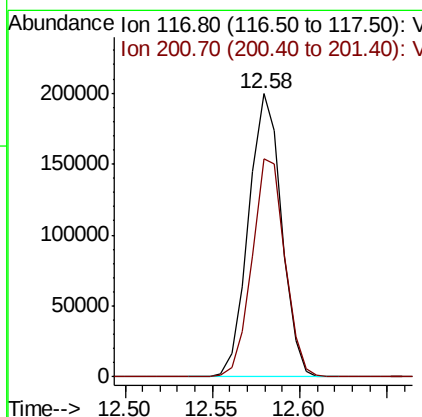
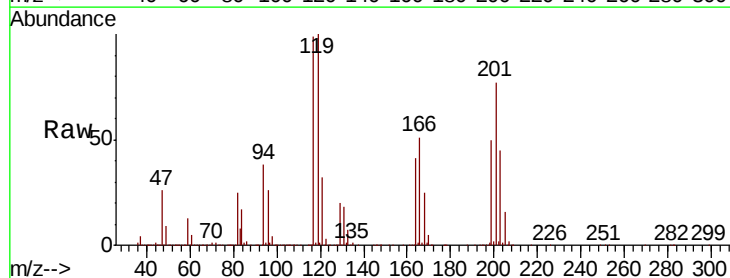
Instrument :  
MSVOA\_X  
ClientSampled :

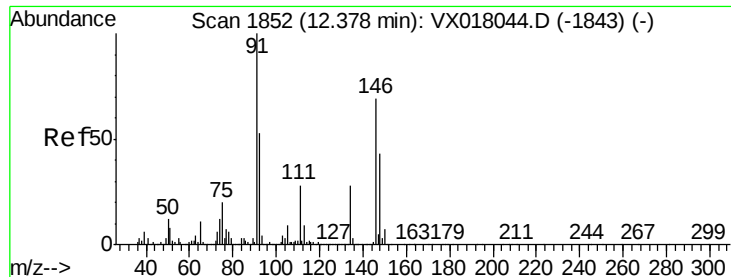
Tot Ion: 91 Resp: 1206499  
Ion Ratio Lower Upper  
91 100  
92 52.8 26.4 79.2  
134 25.8 12.9 38.7



#90  
Hexachloroethane  
Concen: 50.442 ug/l  
RT: 12.58 min Scan# 1885  
Delta R.T. 0.00 min  
Lab File: VX018044.D  
Acq: 20 Aug 2020 20:08

Tgt Ion: 117 Resp: 261863  
Ion Ratio Lower Upper  
117 100  
201 76.9 38.5 115.3

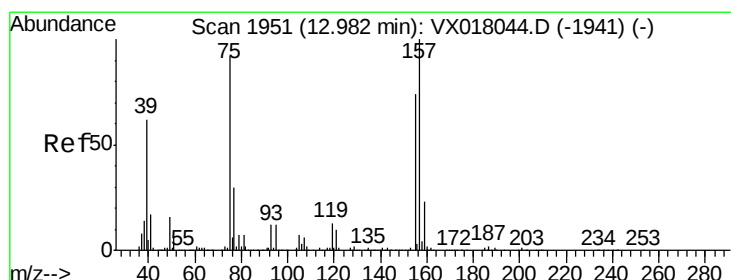
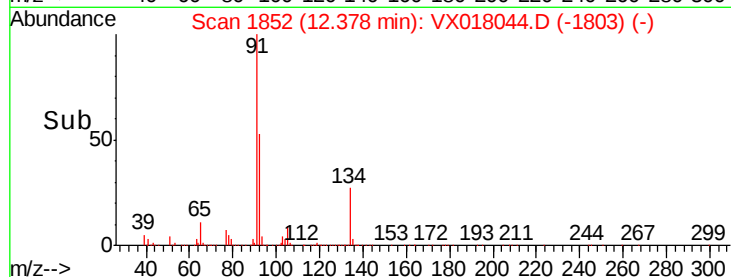
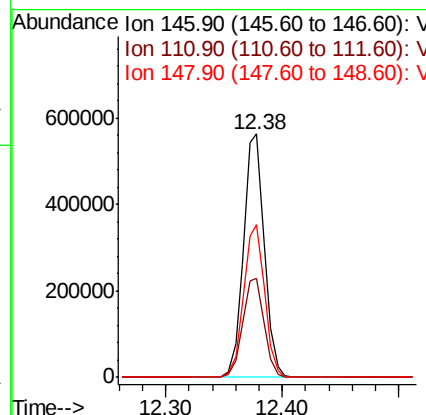
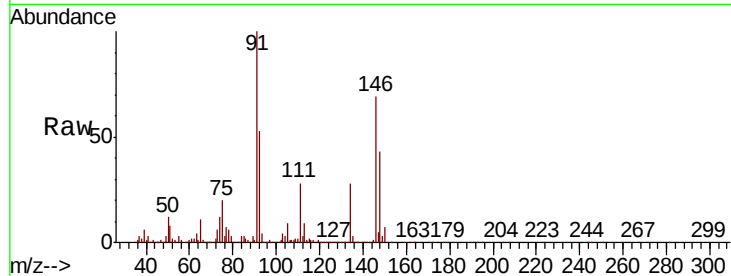




#91  
 1,2-Dichlorobenzene  
 Concen: 47.430 ug/l  
 RT: 12.38 min Scan# 1852  
 Delta R.T. 0.00 min  
 Lab File: VX018044.D  
 Acq: 20 Aug 2020 20:08

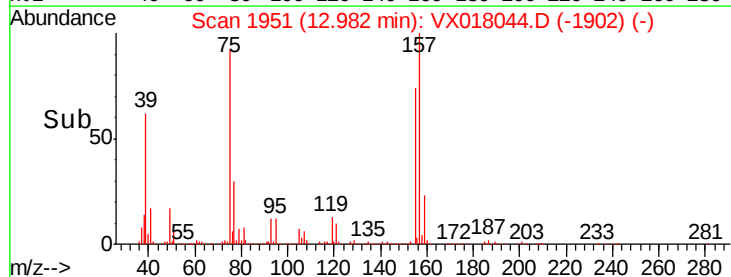
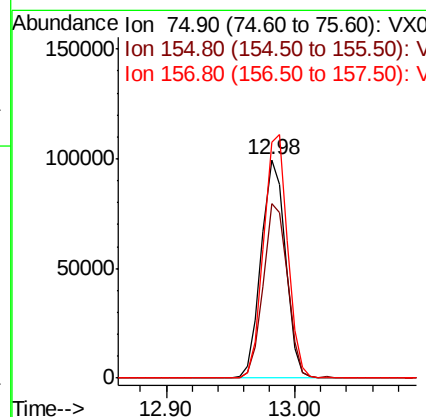
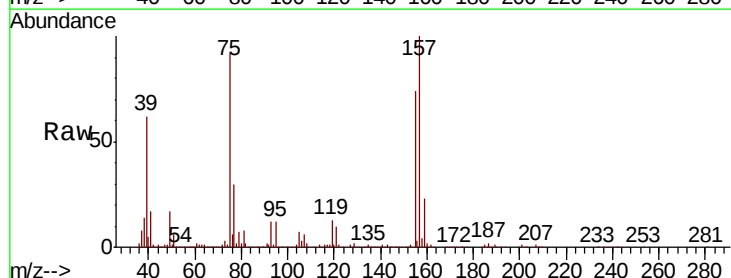
Instrument :  
 MSVOA\_X  
 ClientSampleId :

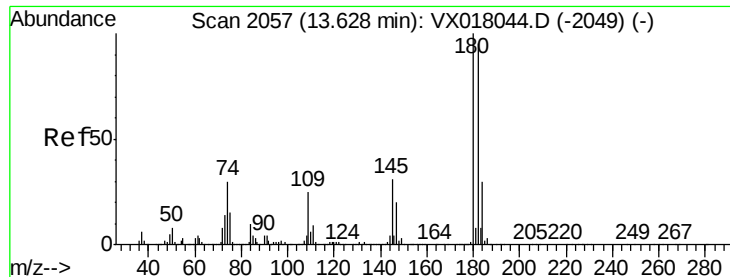
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.7  | 20.8  | 62.5  |
| 148     | 63.3  | 31.6  | 95.0  |



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 47.335 ug/l  
 RT: 12.98 min Scan# 1951  
 Delta R.T. 0.00 min  
 Lab File: VX018044.D  
 Acq: 20 Aug 2020 20:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 80.4  | 40.2  | 120.6 |
| 157     | 110.1 | 55.0  | 165.2 |

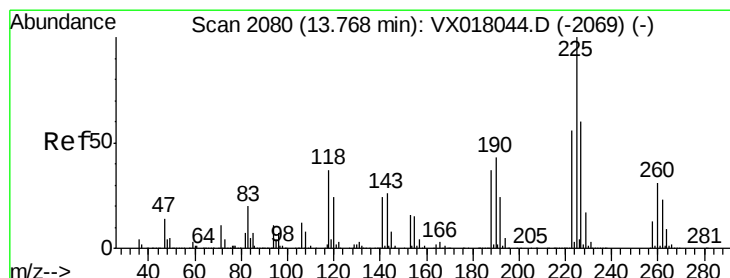
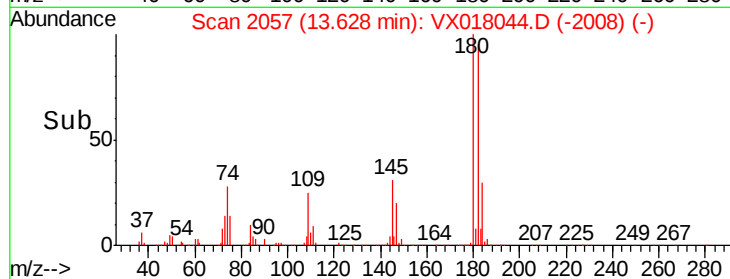
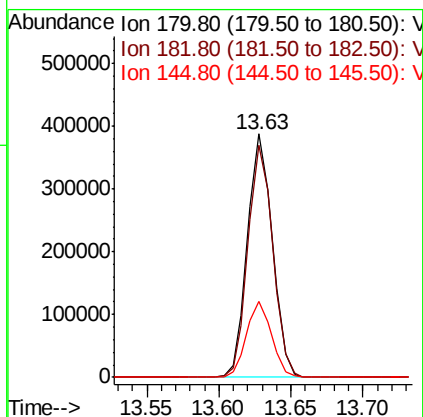
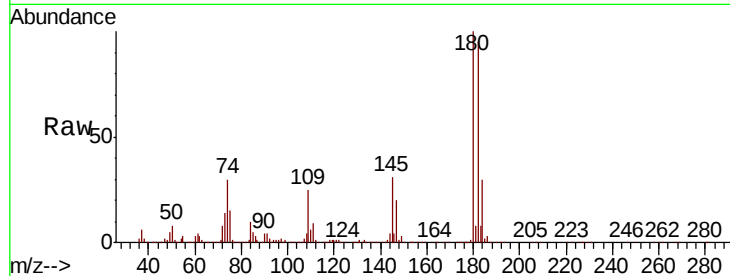




#93  
 1,2,4-Trichlorobenzene  
 Concen: 42.796 ug/l  
 RT: 13.63 min Scan# 2057  
 Delta R.T. 0.00 min  
 Lab File: VX018044.D  
 Acq: 20 Aug 2020 20:08

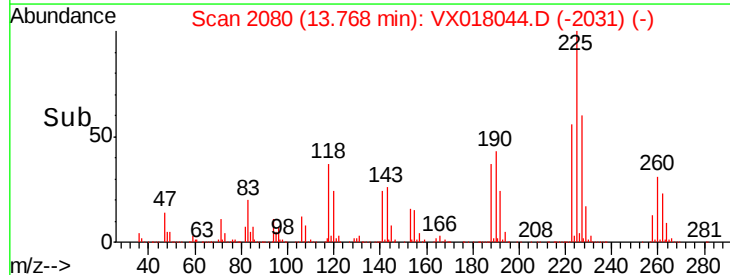
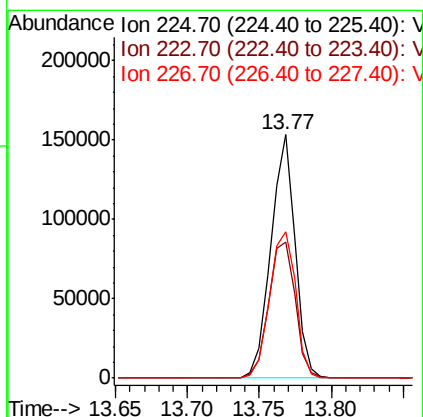
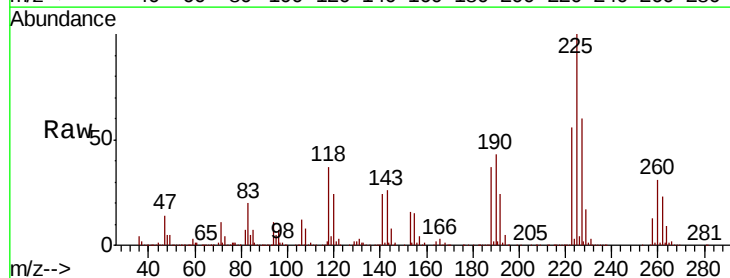
Instrument :  
 MSVOA\_X  
 ClientSampled :

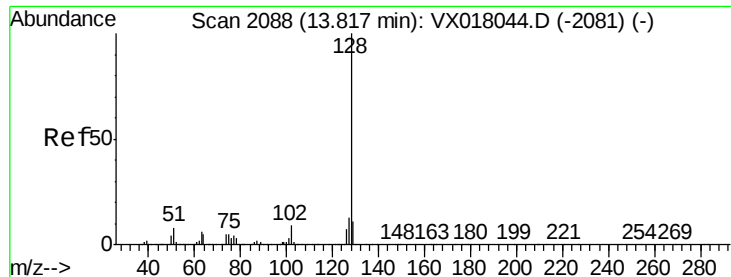
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.1  | 47.5  | 142.6 |
| 145     | 31.4  | 15.7  | 47.1  |



#94  
 Hexachlorobutadiene  
 Concen: 36.498 ug/l  
 RT: 13.77 min Scan# 2080  
 Delta R.T. 0.00 min  
 Lab File: VX018044.D  
 Acq: 20 Aug 2020 20:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.4  | 30.7  | 92.1  |
| 227     | 65.2  | 32.6  | 97.8  |





#95

Naphthalene

Concen: 45.159 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

Instrument :

MSVOA\_X

ClientSampleId :

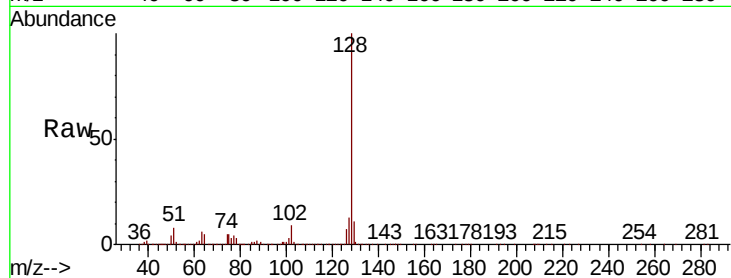
Tot Ion:128 Resp: 1578372

Ion Ratio Lower Upper

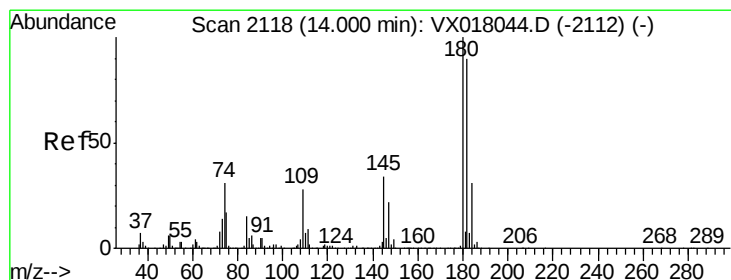
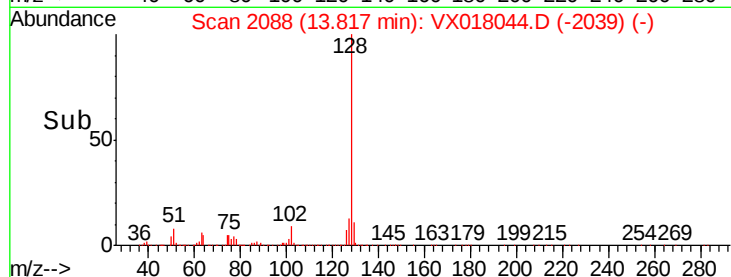
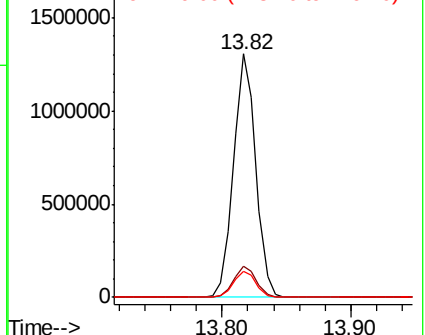
128 100

127 12.7 10.2 15.2

129 10.9 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 42.742 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX018044.D

Acq: 20 Aug 2020 20:08

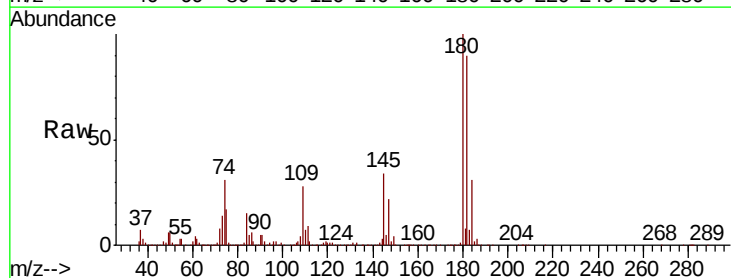
Tgt Ion:180 Resp: 447982

Ion Ratio Lower Upper

180 100

182 94.7 47.3 142.0

145 35.1 17.5 52.6



Abundance Ion 179.80 (179.50 to 180.50): V  
Ion 181.80 (181.50 to 182.50): V  
Ion 144.90 (144.60 to 145.60): V

