

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082120\  
 Data File : VX018045.D  
 Acq On : 20 Aug 2020 20:31  
 Operator : JC/SP  
 Sample : VSTDICC100  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Aug 21 02:40:53 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  | 584807   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.84  | 114  | 951148   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 936673   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 459548   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.04  | 65   | 809137   | 103.52 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =      | 207.04% |          |
| 35) Dibromofluoromethane    | 5.46  | 113  | 651303   | 105.78 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =      | 211.56% |          |
| 50) Toluene-d8              | 8.70  | 98   | 2408277  | 102.31 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =      | 204.62% |          |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 970036   | 107.58 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =      | 215.16% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.18 | 85   | 744580   | 116.478 | ug/l  | 96     |
| 3) Chloromethane              | 1.31 | 50   | 764142   | 105.599 | ug/l  | 98     |
| 4) Vinyl Chloride             | 1.39 | 62   | 762760   | 99.420  | ug/l  | 100    |
| 5) Bromomethane               | 1.62 | 94   | 362854   | 94.129  | ug/l  | 99     |
| 6) Chloroethane               | 1.70 | 64   | 413310   | 90.616  | ug/l  | 98     |
| 7) Trichlorofluoromethane     | 1.91 | 101  | 1021610  | 101.057 | ug/l  | 96     |
| 8) Diethyl Ether              | 2.17 | 74   | 347816   | 84.291  | ug/l  | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.36 | 101  | 533966   | 92.773  | ug/l  | 98     |
| 10) Methyl Iodide             | 2.49 | 142  | 643118   | 88.289  | ug/l  | 99     |
| 11) Tert butyl alcohol        | 3.03 | 59   | 800284   | 428.347 | ug/l  | 98     |
| 12) 1,1-Dichloroethene        | 2.35 | 96   | 556881   | 92.590  | ug/l  | 99     |
| 13) Acrolein                  | 2.28 | 56   | 344157   | 310.499 | ug/l  | 99     |
| 14) Allyl chloride            | 2.70 | 41   | 1059496  | 95.878  | ug/l  | 100    |
| 15) Acrylonitrile             | 3.12 | 53   | 1840150  | 464.269 | ug/l  | 100    |
| 16) Acetone                   | 2.42 | 43   | 1556655  | 461.970 | ug/l  | 96     |
| 17) Carbon Disulfide          | 2.54 | 76   | 1644187  | 80.700  | ug/l  | 99     |
| 18) Methyl Acetate            | 2.75 | 43   | 784085   | 94.179  | ug/l  | 100    |
| 19) Methyl tert-butyl Ether   | 3.17 | 73   | 2026272  | 97.666  | ug/l  | 98     |
| 20) Methylene Chloride        | 2.83 | 84   | 654307   | 92.656  | ug/l  | 98     |
| 21) trans-1,2-Dichloroethene  | 3.14 | 96   | 624179   | 92.816  | ug/l  | 99     |
| 22) Diisopropyl ether         | 3.83 | 45   | 2069195  | 98.626  | ug/l  | 99     |
| 23) Vinyl Acetate             | 3.79 | 43   | 9511163  | 514.548 | ug/l  | 99     |
| 24) 1,1-Dichloroethane        | 3.67 | 63   | 1171066  | 99.624  | ug/l  | 100    |
| 25) 2-Butanone                | 4.64 | 43   | 2669440  | 489.174 | ug/l  | 99     |
| 26) 2,2-Dichloropropane       | 4.55 | 77   | 920196   | 87.335  | ug/l  | 100    |
| 27) cis-1,2-Dichloroethene    | 4.57 | 96   | 724029   | 98.327  | ug/l  | 99     |
| 28) Bromochloromethane        | 4.98 | 49   | 538986   | 99.714  | ug/l  | 100    |
| 29) Tetrahydrofuran           | 5.10 | 42   | 1737834  | 481.128 | ug/l  | 100    |
| 30) Chloroform                | 5.18 | 83   | 1198079  | 101.967 | ug/l  | 97     |
| 31) Cyclohexane               | 5.55 | 56   | 986909   | 94.125  | ug/l  | 99     |
| 32) 1,1,1-Trichloroethane     | 5.46 | 97   | 1106213  | 103.448 | ug/l  | 100    |
| 36) 1,1-Dichloropropene       | 5.77 | 75   | 889663   | 95.324  | ug/l  | 100    |
| 37) Ethyl Acetate             | 4.80 | 43   | 1048424  | 97.840  | ug/l  | 99     |
| 38) Carbon Tetrachloride      | 5.76 | 117  | 1006596  | 104.663 | ug/l  | 96     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX082120\  
 Data File : VX018045.D  
 Acq On : 20 Aug 2020 20:31  
 Operator : JC/SP  
 Sample : VSTDICC100  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Aug 21 02:40:53 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   | 990200   | 89.581   | ug/l   | 99       |
| 40) Benzene                    | 6.12  | 78   | 2642364  | 97.199   | ug/l   | 98       |
| 41) Methacrylonitrile          | 5.01  | 41   | 569637   | 98.297   | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.17  | 62   | 1005639  | 101.648  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 6.42  | 43   | 1734263  | 100.766  | ug/l   | 99       |
| 44) Trichloroethene            | 7.19  | 130  | 741301   | 78.881   | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 7.49  | 63   | 712077   | 102.470  | ug/l   | 97       |
| 46) Dibromomethane             | 7.64  | 93   | 498301   | 105.071  | ug/l   | 100      |
| 47) Bromodichloromethane       | 7.88  | 83   | 1011632  | 105.001  | ug/l   | 98       |
| 48) Methyl methacrylate        | 7.75  | 41   | 885588   | 107.878  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.71  | 88   | 298978   | 1569.481 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 5456799  | 518.015  | ug/l   | 99       |
| 52) Toluene                    | 8.77  | 92   | 1672789  | 98.490   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.02  | 75   | 1177731  | 103.373  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene    | 8.41  | 75   | 1204402  | 101.250  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 9.20  | 97   | 709585   | 105.010  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 9.16  | 69   | 1159866  | 106.658  | ug/l   | 100      |
| 57) 1,3-Dichloropropane        | 9.35  | 76   | 1204310  | 102.881  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.29  | 63   | 2509667  | 445.057  | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.48  | 43   | 4216953  | 510.397  | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.57  | 129  | 878775   | 116.908  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.65  | 107  | 792356   | 108.406  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.32  | 164  | 645638   | 59.897   | ug/l   | 94       |
| 65) Chlorobenzene              | 10.12 | 112  | 1921610  | 98.405   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.21 | 131  | 769302   | 105.576  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.24 | 91   | 3311164  | 95.593   | ug/l   | 100      |
| 68) m/p-Xylenes                | 10.34 | 106  | 2499282  | 192.519  | ug/l   | 99       |
| 69) o-Xylene                   | 10.68 | 106  | 1221376  | 98.056   | ug/l   | 99       |
| 70) Styrene                    | 10.70 | 104  | 2130286  | 100.492  | ug/l   | 99       |
| 71) Bromoform                  | 10.84 | 173  | 666295   | 111.739  | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.01 | 105  | 3202123  | 96.705   | ug/l   | 99       |
| 74) N-amyl acetate             | 10.88 | 43   | 1600074  | 102.937  | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 11.26 | 83   | 1071376  | 163.916  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.28 | 75   | 1349243  | 130.265  | ug/l   | 84       |
| 77) Bromobenzene               | 11.24 | 156  | 852694   | 99.043   | ug/l   | 99       |
| 78) n-propylbenzene            | 11.35 | 91   | 3699823  | 96.275   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.41 | 91   | 2238941  | 97.890   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.49 | 105  | 2693916  | 96.312   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.06 | 75   | 407204   | 95.796   | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 11.49 | 91   | 2634019  | 97.658   | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.76 | 119  | 2651755  | 107.858  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 2746080  | 97.020   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.93 | 105  | 3040426  | 94.034   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.05 | 119  | 2803855  | 93.412   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.01 | 146  | 1511455  | 98.146   | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene        | 12.09 | 146  | 1470107  | 94.166   | ug/l   | 98       |
| 89) n-Butylbenzene             | 12.37 | 91   | 2521435  | 92.138   | ug/l   | 100      |
| 90) Hexachloroethane           | 12.58 | 117  | 542930   | 103.901  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 12.38 | 146  | 1421975  | 95.648   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75   | 279630   | 102.258  | ug/l   | 96       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082120\  
Data File : VX018045.D  
Acq On : 20 Aug 2020 20:31  
Operator : JC/SP  
Sample : VSTDICC100  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 28 Sample Multiplier: 1

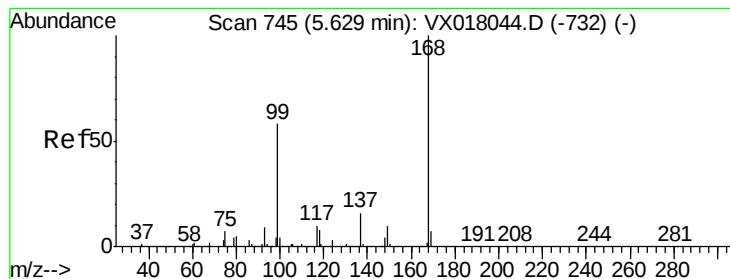
Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Aug 21 02:40:53 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  | 962379   | 88.607 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 13.77 | 225  | 362486   | 73.831 | ug/l  | 95       |
| 95) Naphthalene            | 13.82 | 128  | 3374923  | 95.931 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.01 | 180  | 955612   | 90.580 | ug/l  | 98       |

(#) = 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: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA\_X

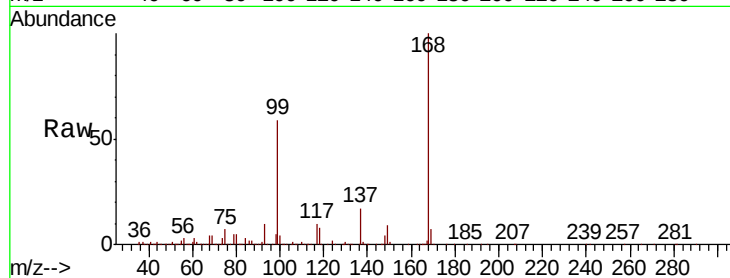
ClientSampleId :

Tot Ion:168 Resp: 584807

Ion Ratio Lower Upper

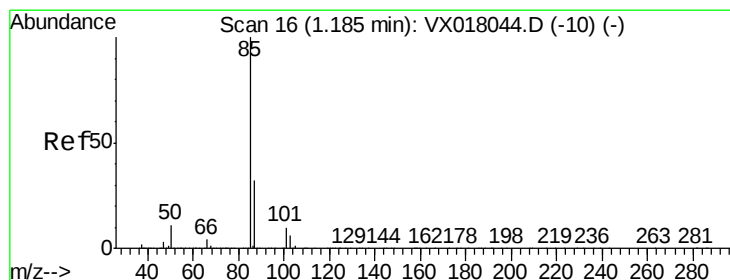
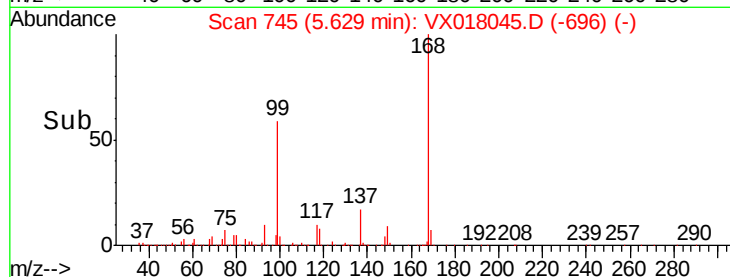
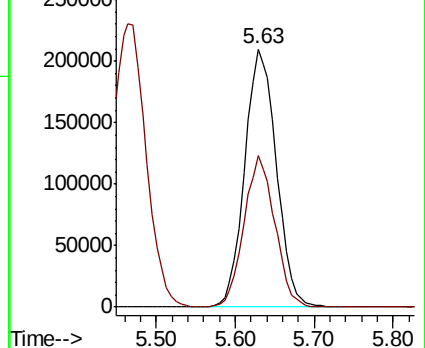
168 100

99 58.4 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 116.478 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018045.D

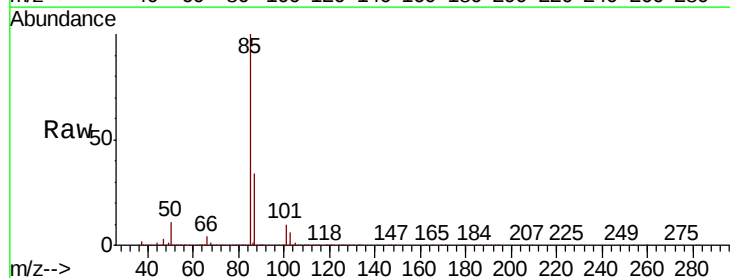
Acq: 20 Aug 2020 20:31

Tgt Ion: 85 Resp: 744580

Ion Ratio Lower Upper

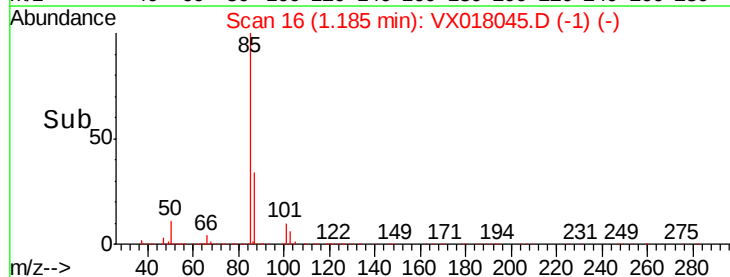
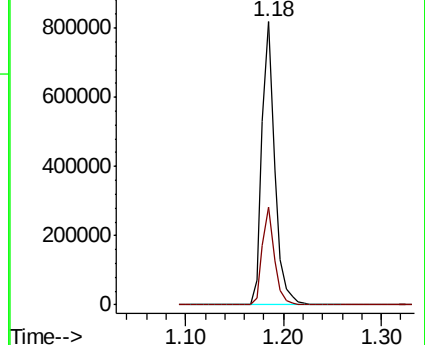
85 100

87 34.4 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 105.599 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA\_X

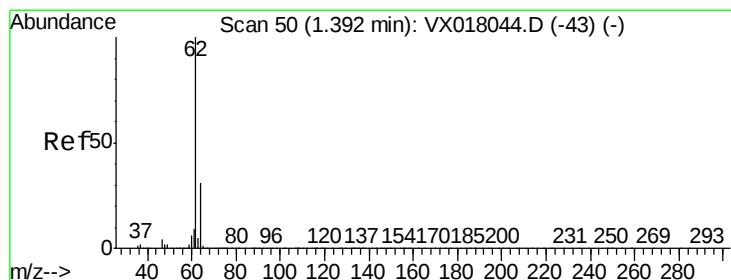
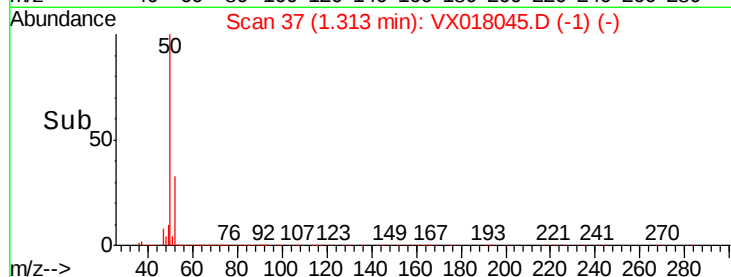
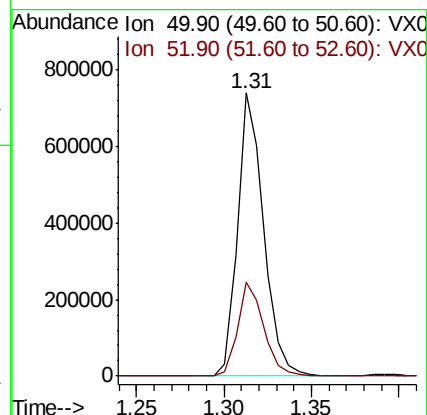
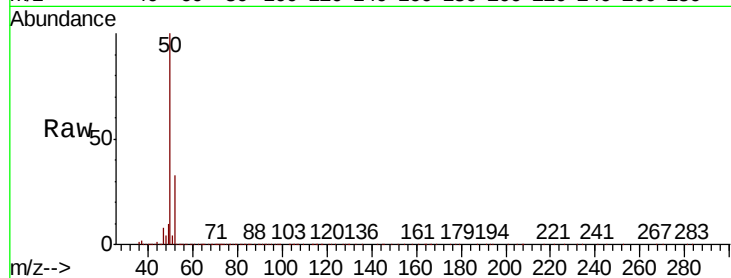
ClientSampleId :

Tot Ion: 50 Resp: 764142

Ion Ratio Lower Upper

50 100

52 33.0 25.4 38.2



#4

Vinyl Chloride

Concen: 99.420 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018045.D

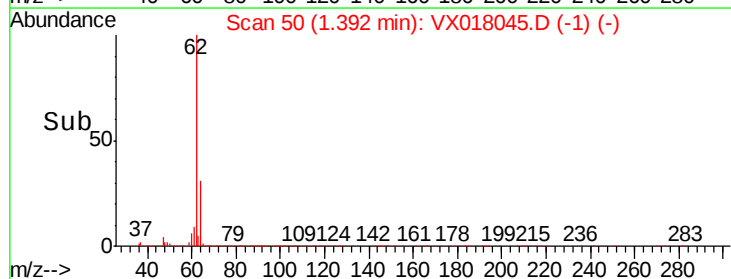
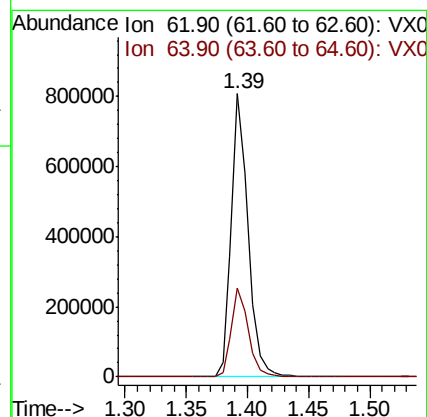
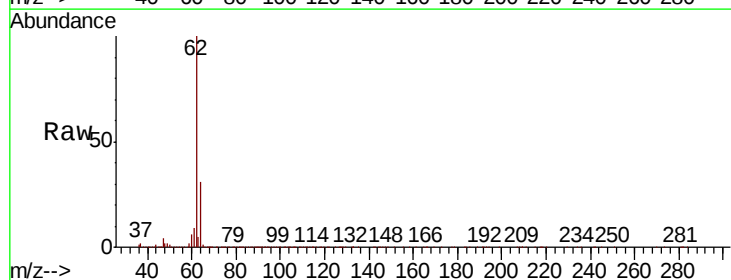
Acq: 20 Aug 2020 20:31

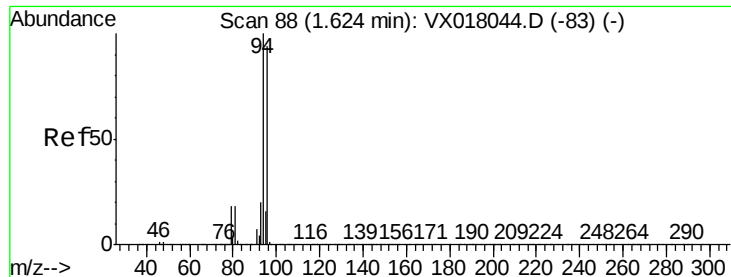
Tgt Ion: 62 Resp: 762760

Ion Ratio Lower Upper

62 100

64 31.3 25.1 37.7





#5

Bromomethane

Concen: 94.129 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA\_X

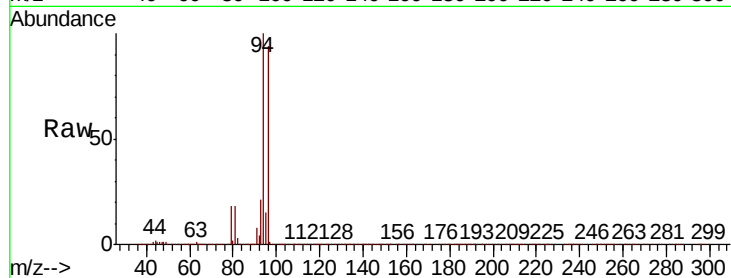
ClientSampleId :

Tot Ion: 94 Resp: 362854

Ion Ratio Lower Upper

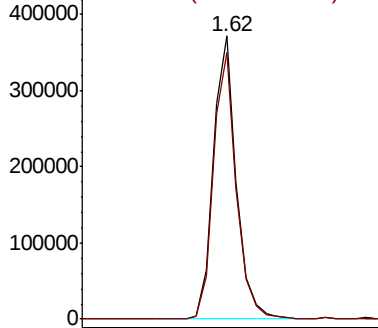
94 100

96 94.3 74.8 112.2

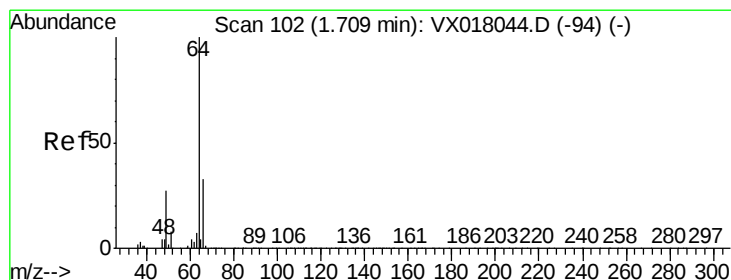
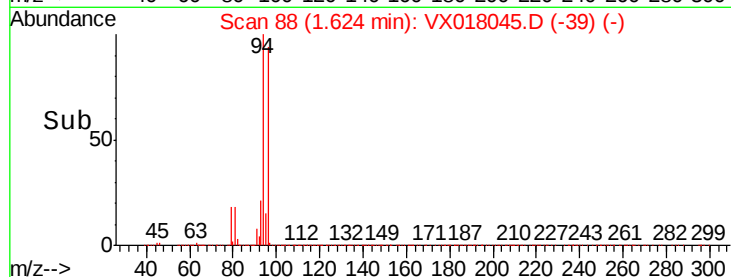


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 90.616 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX018045.D

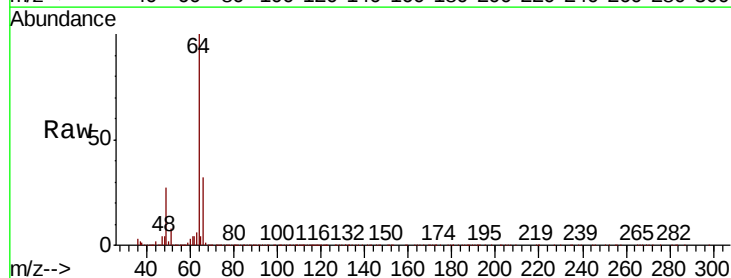
Acq: 20 Aug 2020 20:31

Tgt Ion: 64 Resp: 413310

Ion Ratio Lower Upper

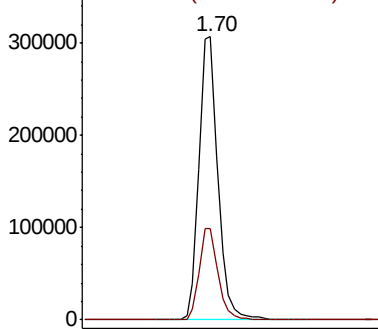
64 100

66 32.0 26.6 39.8

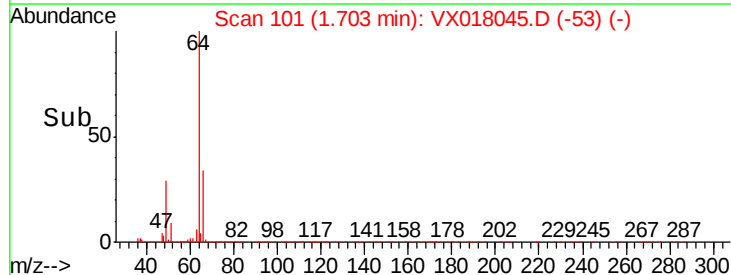


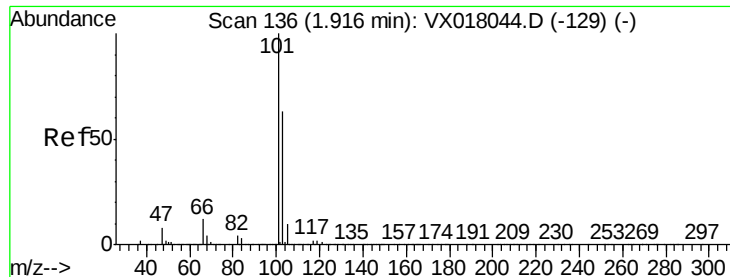
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->



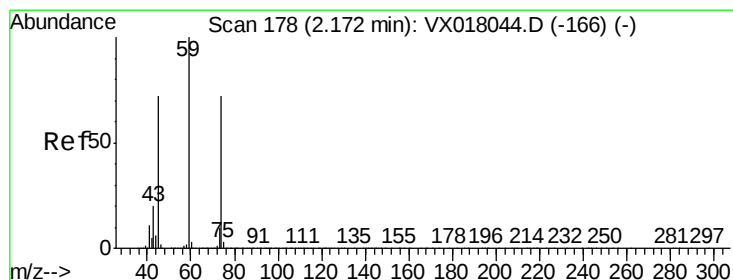
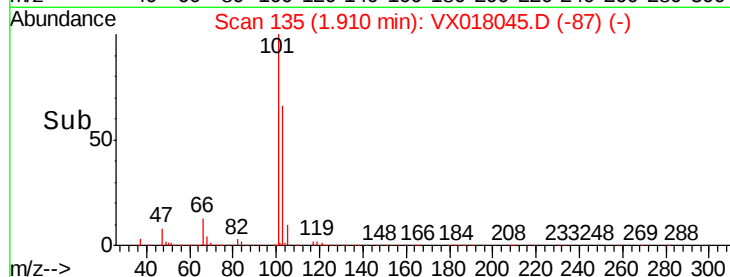
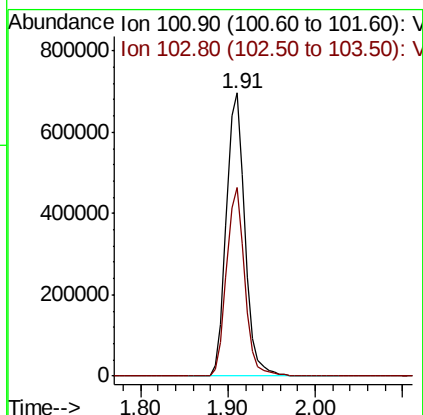
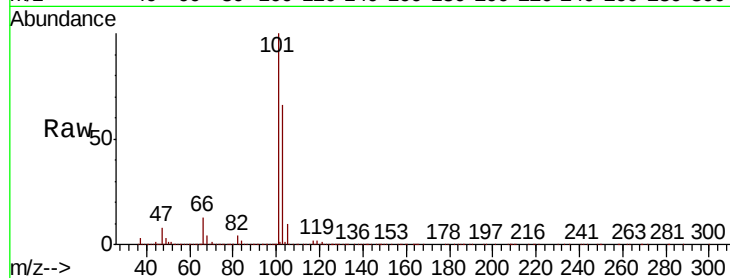


#7

Trichlorofluoromethane  
Concen: 101.057 ug/l  
RT: 1.91 min Scan# 135  
Delta R.T. -0.01 min  
Lab File: VX018045.D  
Acq: 20 Aug 2020 20:31

Instrument :  
MSVOA\_X  
ClientSampleId :

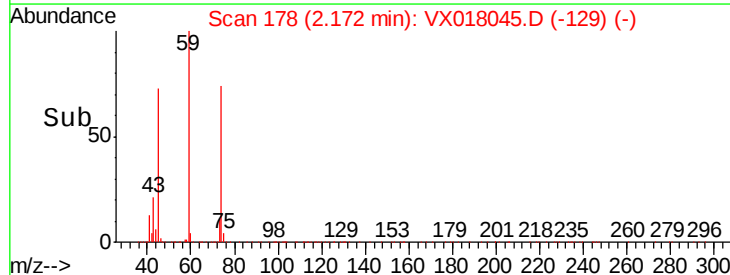
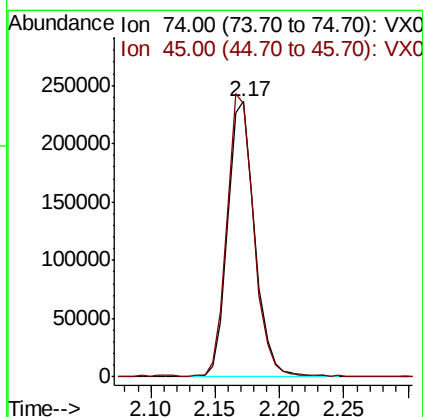
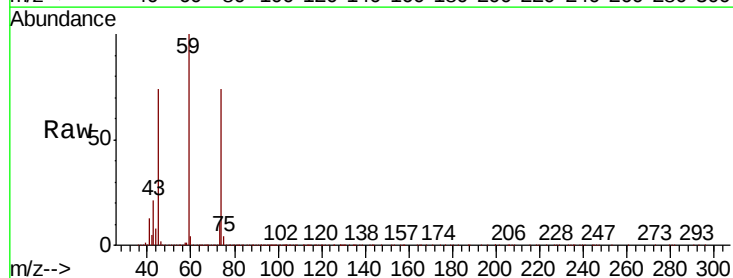
Tot Ion:101 Resp: 1021610  
Ion Ratio Lower Upper  
101 100  
103 66.4 50.7 76.1

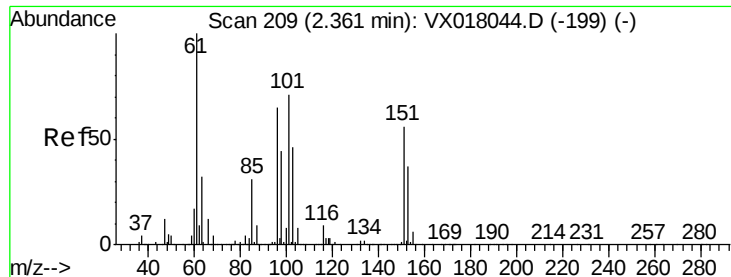


#8

Diethyl Ether  
Concen: 84.291 ug/l  
RT: 2.17 min Scan# 178  
Delta R.T. -0.00 min  
Lab File: VX018045.D  
Acq: 20 Aug 2020 20:31

Tgt Ion: 74 Resp: 347816  
Ion Ratio Lower Upper  
74 100  
45 102.3 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 92.773 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA\_X

ClientSampleId :

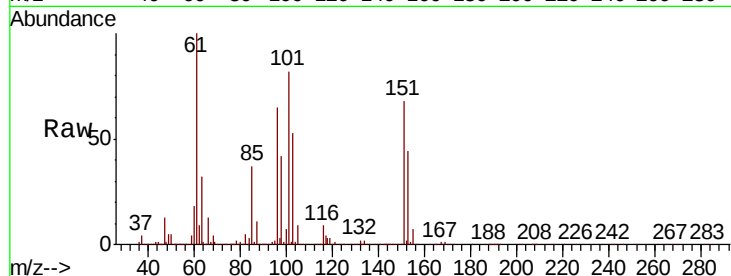
Tot Ion:101 Resp: 533966

Ion Ratio Lower Upper

101 100

85 44.1 34.0 51.0

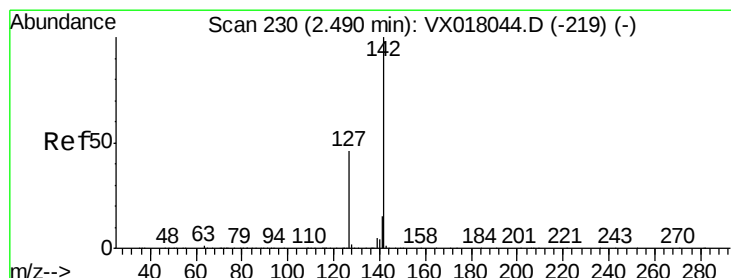
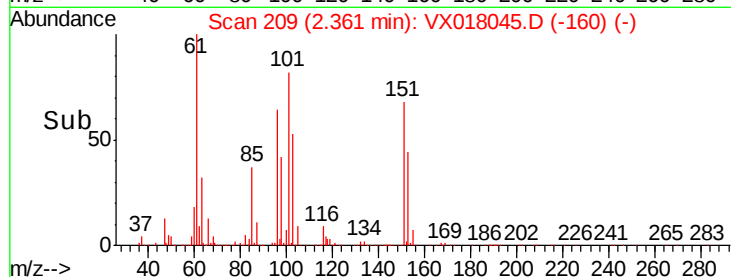
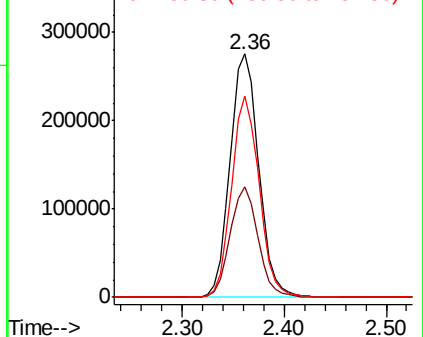
151 79.9 65.2 97.8



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: 88.289 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

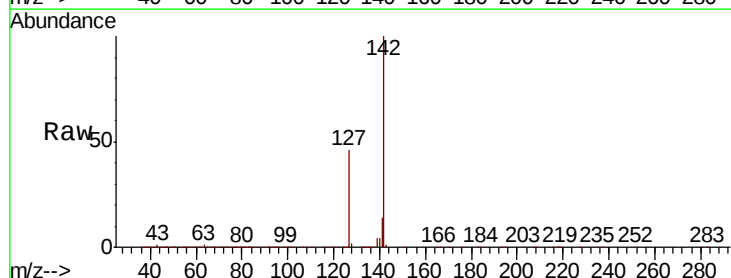
Tgt Ion:142 Resp: 643118

Ion Ratio Lower Upper

142 100

127 45.4 37.0 55.6

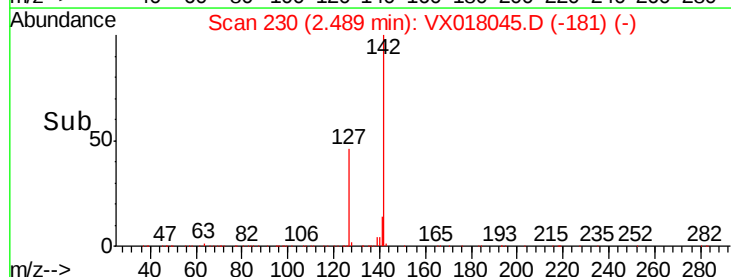
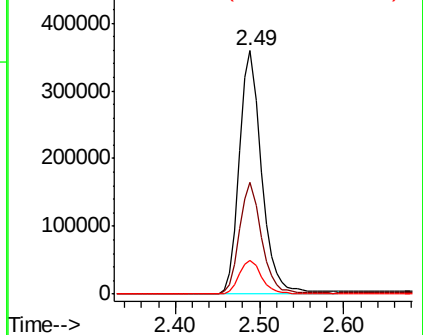
141 14.1 11.5 17.3

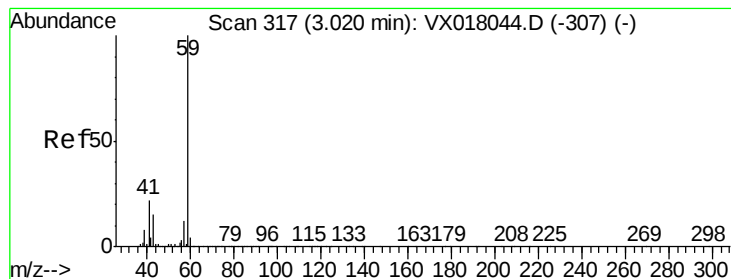


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



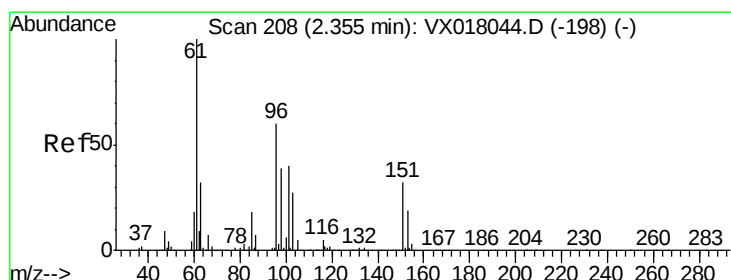
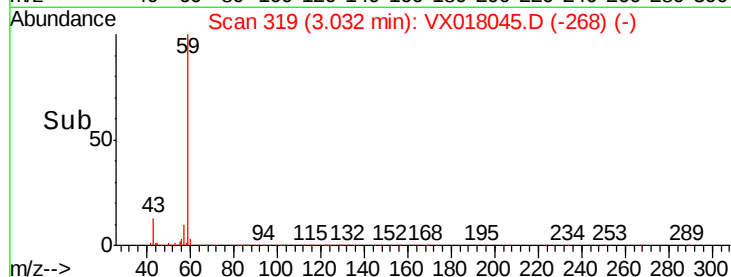
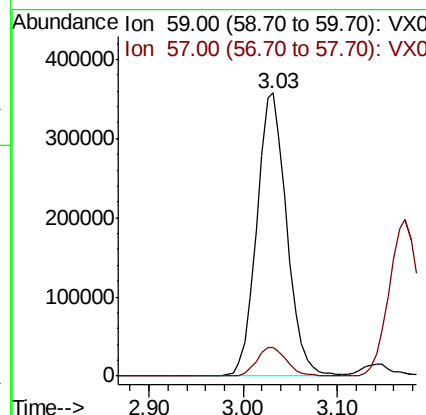
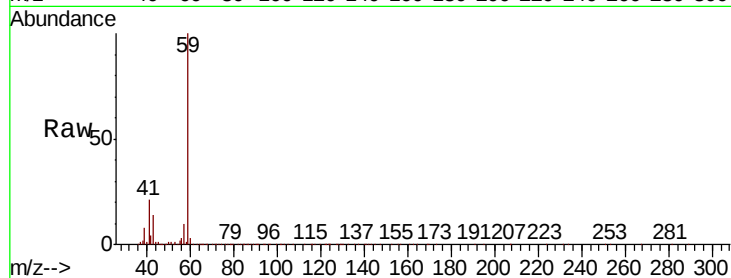


#11

Tert butyl alcohol  
Concen: 428.347 ug/l  
RT: 3.03 min Scan# 319  
Delta R.T. 0.01 min  
Lab File: VX018045.D  
Acq: 20 Aug 2020 20:31

Instrument :  
MSVOA\_X  
ClientSampleId :

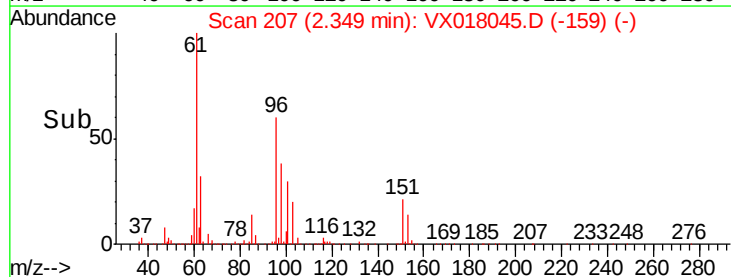
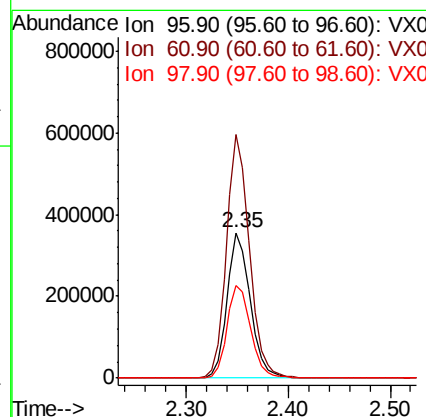
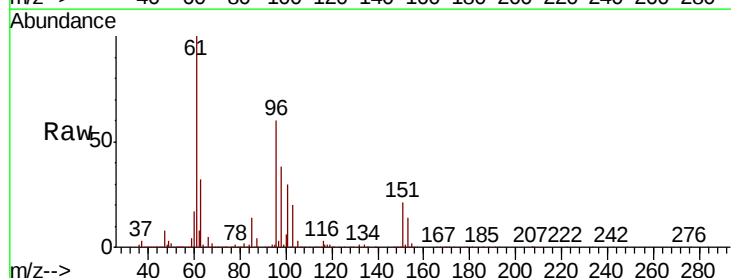
Tot Ion: 59 Resp: 800284  
Ion Ratio Lower Upper  
59 100  
57 10.5 8.9 13.3

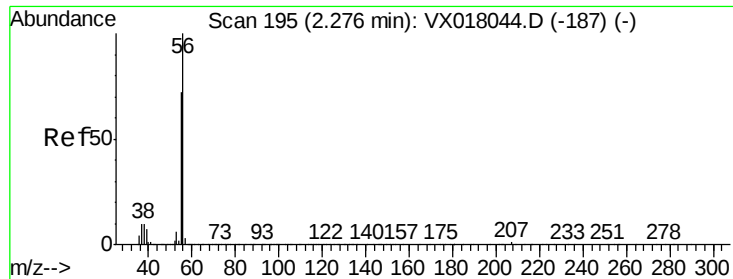


#12

1,1-Dichloroethene  
Concen: 92.590 ug/l  
RT: 2.35 min Scan# 207  
Delta R.T. -0.01 min  
Lab File: VX018045.D  
Acq: 20 Aug 2020 20:31

Tgt Ion: 96 Resp: 556881  
Ion Ratio Lower Upper  
96 100  
61 167.7 133.0 199.4  
98 63.5 51.6 77.4





#13

Acrolein

Concen: 310.499 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

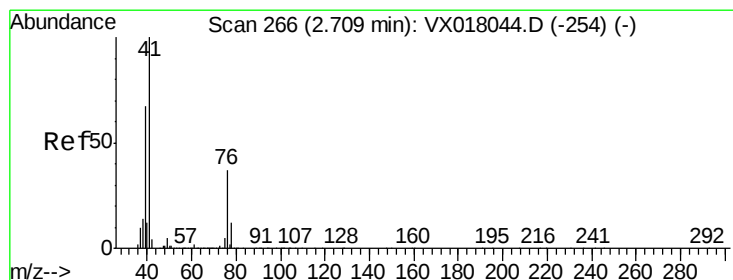
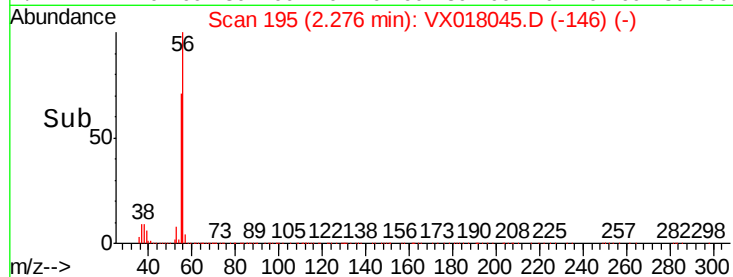
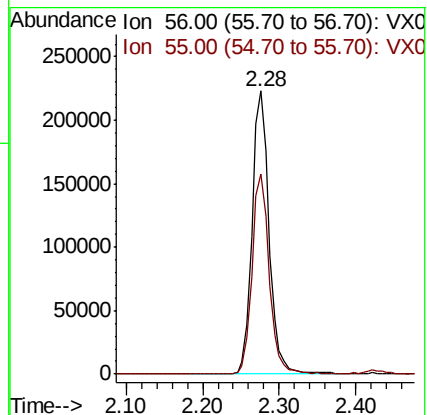
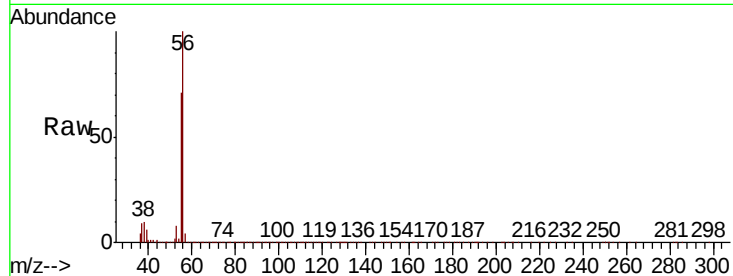
Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion: 56 Resp: 344157

Ion Ratio Lower Upper

56 100

55 70.8 57.0 85.6



#14

Allyl chloride

Concen: 95.878 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

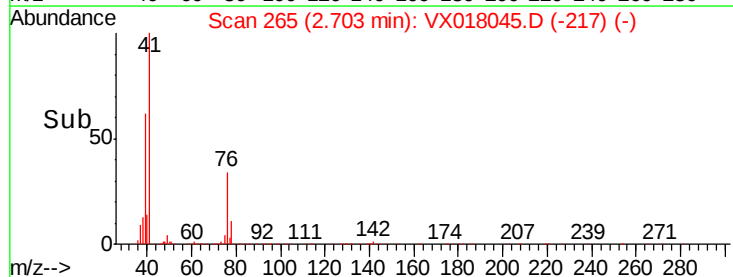
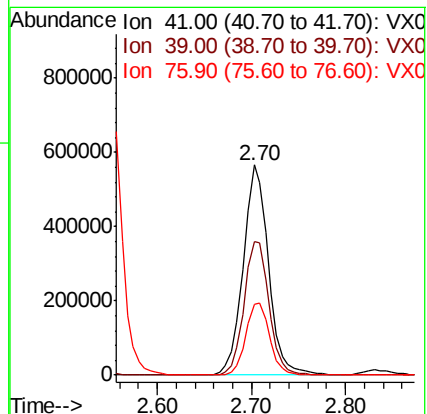
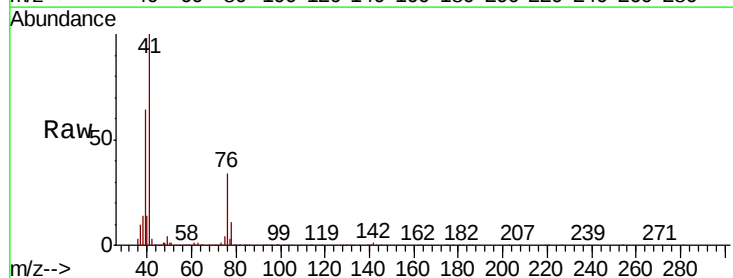
Tgt Ion: 41 Resp: 1059496

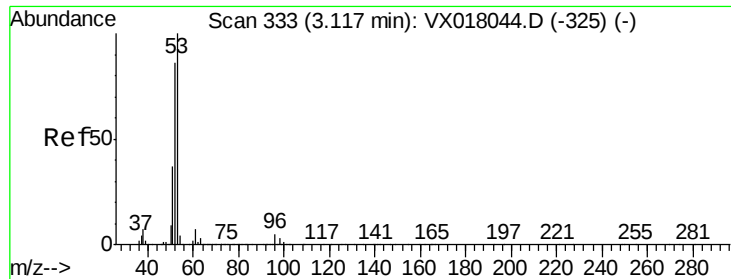
Ion Ratio Lower Upper

41 100

39 63.0 50.6 76.0

76 32.4 26.2 39.2





#15

Acrylonitrile

Concen: 464.269 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

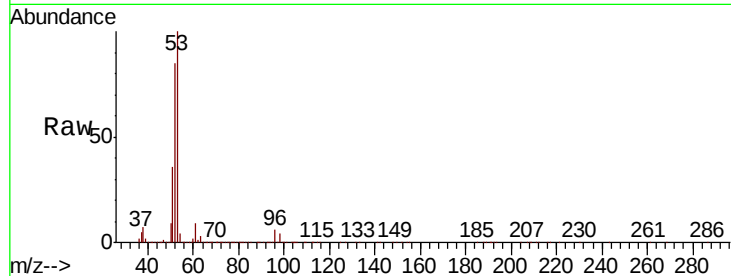
Instrument :

MSVOA\_X

ClientSampleId :

Tot Ion: 53 Resp: 1840150

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 83.5  | 66.9  | 100.3 |
| 51  | 35.9  | 28.7  | 43.1  |

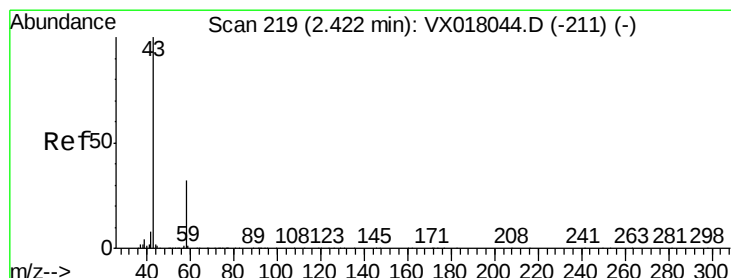
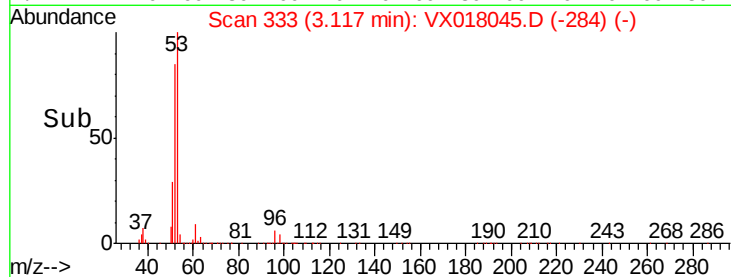
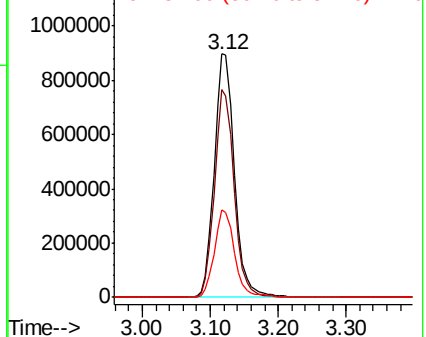


Abundance

Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 461.970 ug/l

RT: 2.42 min Scan# 219

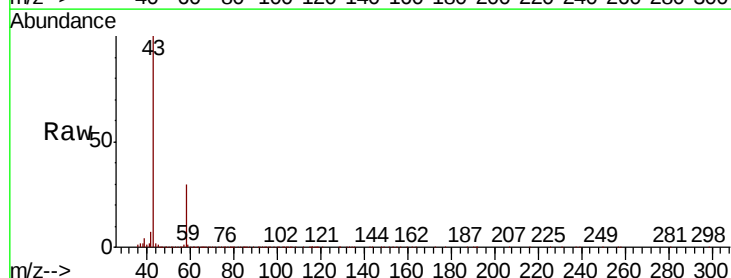
Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Tgt Ion: 43 Resp: 1556655

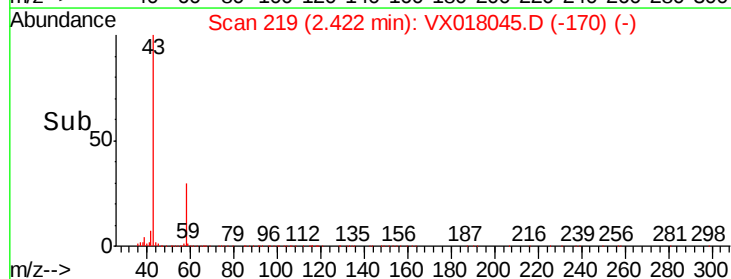
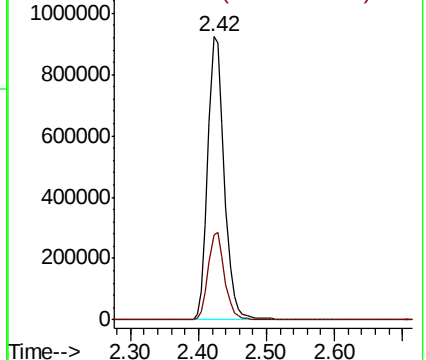
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 29.9  | 25.5  | 38.3  |

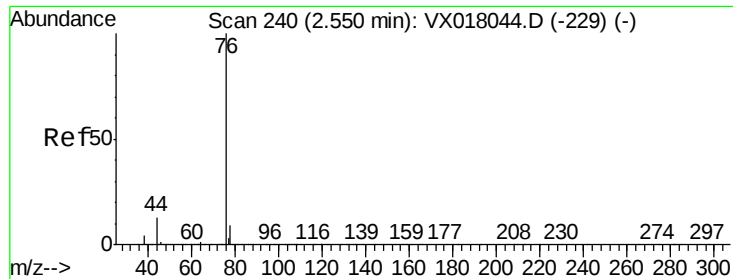


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

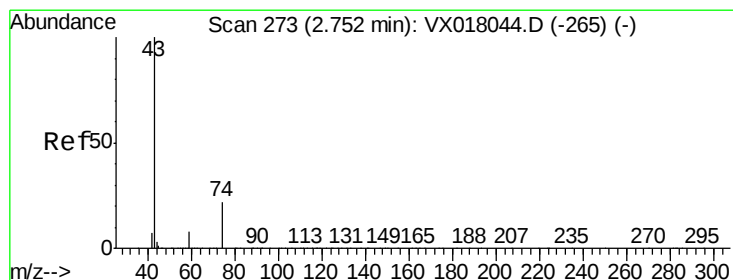
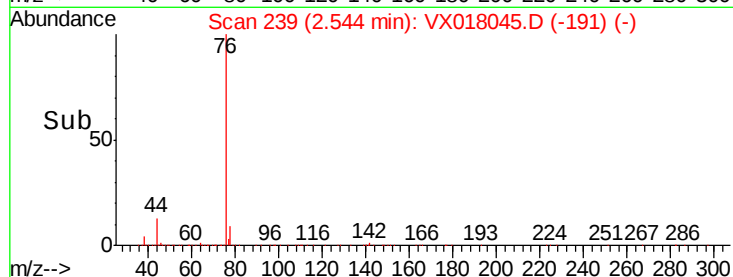
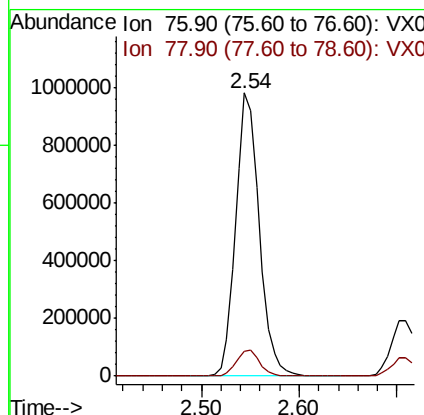
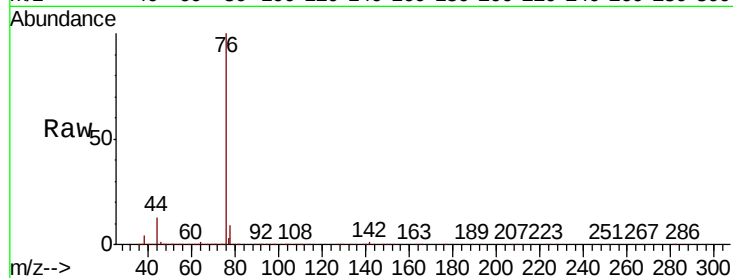




#17  
Carbon Disulfide  
Concen: 80.700 ug/l  
RT: 2.54 min Scan# 239  
Delta R.T. -0.01 min  
Lab File: VX018045.D  
Acq: 20 Aug 2020 20:31

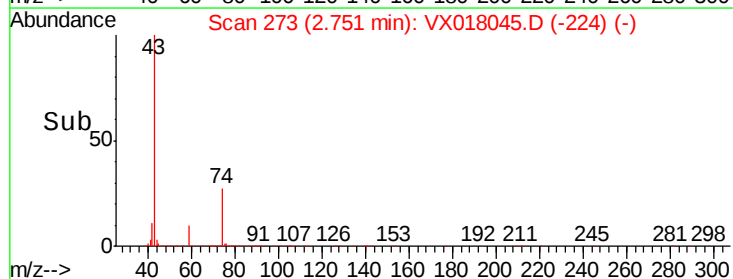
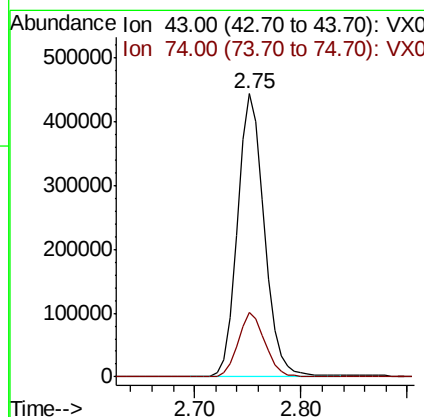
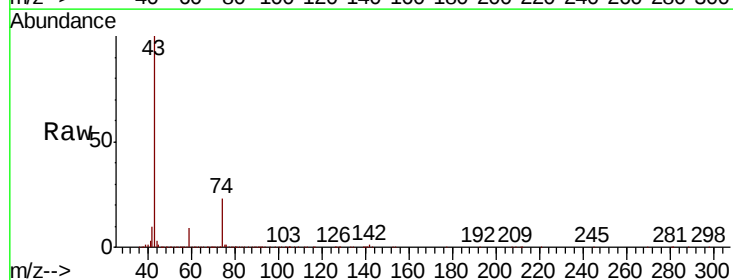
Instrument :  
MSVOA\_X  
ClientSampled :

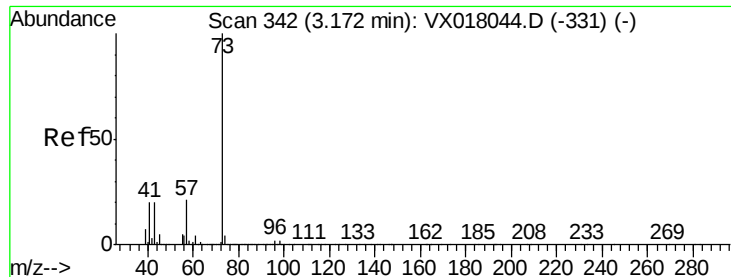
Tot Ion: 76 Resp: 1644187  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.4 11.0



#18  
Methyl Acetate  
Concen: 94.179 ug/l  
RT: 2.75 min Scan# 273  
Delta R.T. -0.00 min  
Lab File: VX018045.D  
Acq: 20 Aug 2020 20:31

Tgt Ion: 43 Resp: 784085  
Ion Ratio Lower Upper  
43 100  
74 23.0 18.2 27.4

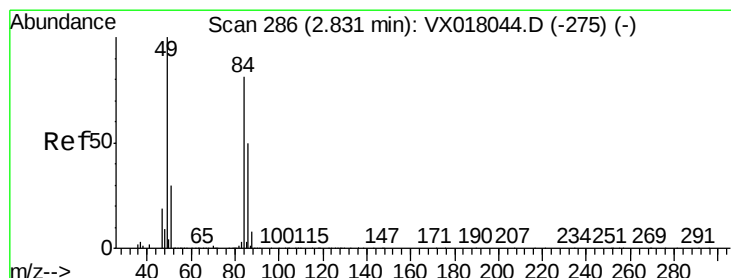
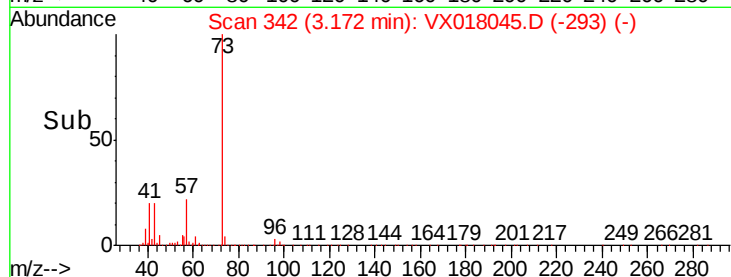
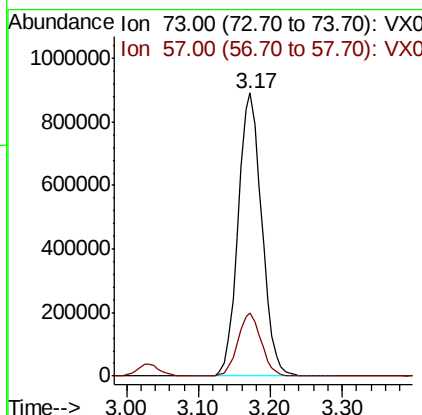
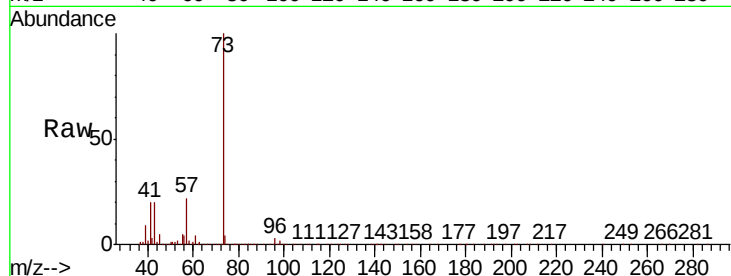




#19  
Methvl tert-butvl Ether  
Concen: 97.666 ug/l  
RT: 3.17 min Scan# 342  
Delta R.T. -0.00 min  
Lab File: VX018045.D  
Acq: 20 Aug 2020 20:31

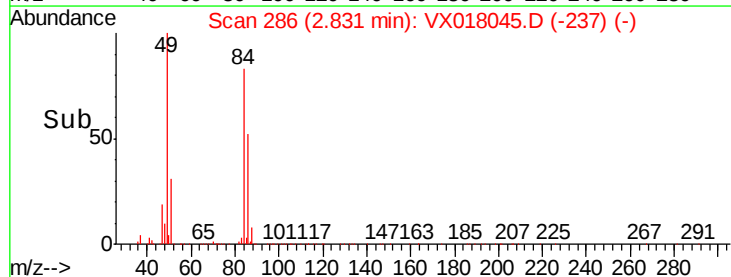
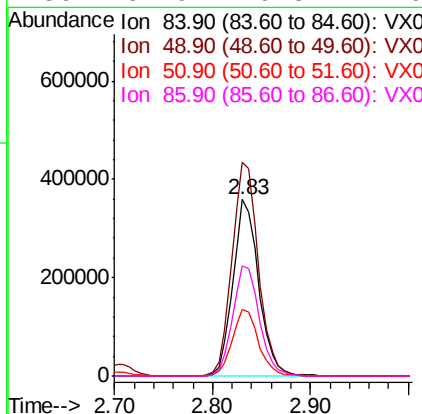
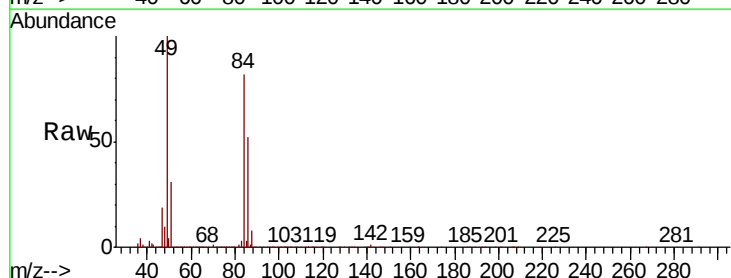
Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion: 73 Resp: 2026272  
Ion Ratio Lower Upper  
73 100  
57 22.1 16.8 25.2



#20  
Methylene Chloride  
Concen: 92.656 ug/l  
RT: 2.83 min Scan# 286  
Delta R.T. -0.00 min  
Lab File: VX018045.D  
Acq: 20 Aug 2020 20:31

Tgt Ion: 84 Resp: 654307  
Ion Ratio Lower Upper  
84 100  
49 121.1 98.6 148.0  
51 37.8 29.6 44.4  
86 62.9 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 92.816 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA\_X

ClientSampleId :

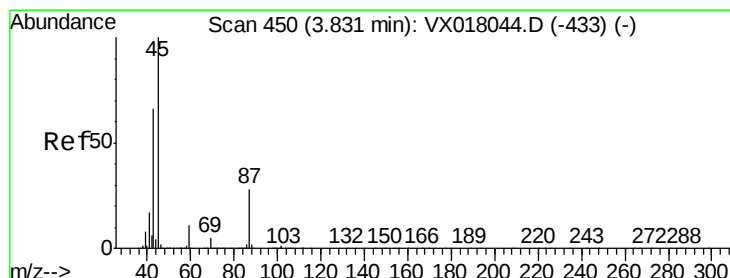
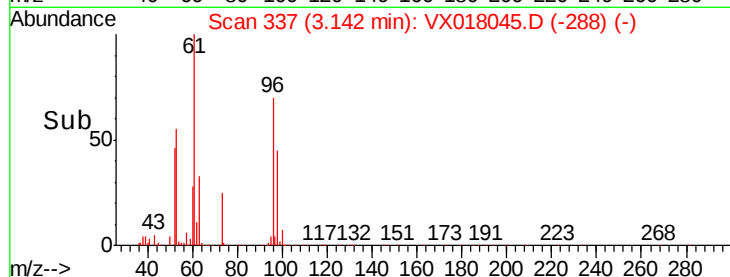
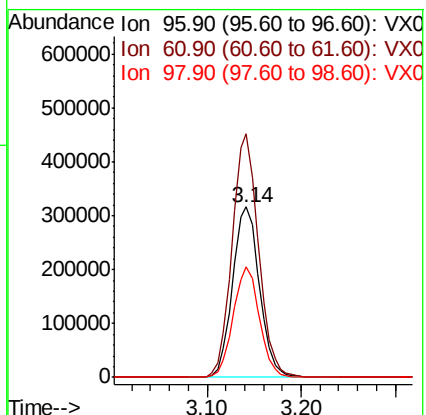
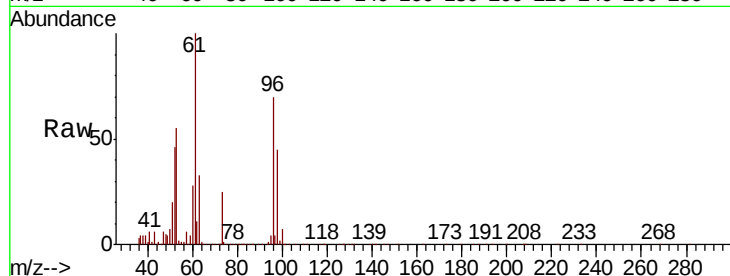
Tot Ion: 96 Resp: 624179

Ion Ratio Lower Upper

96 100

61 142.9 115.4 173.0

98 65.0 51.1 76.7



#22

Diisopropyl ether

Concen: 98.626 ug/l

RT: 3.83 min Scan# 450

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Tgt Ion: 45 Resp: 2069195

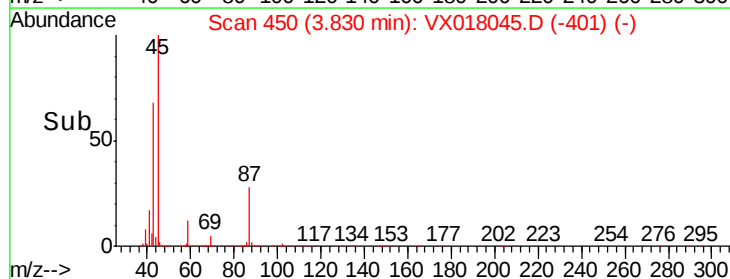
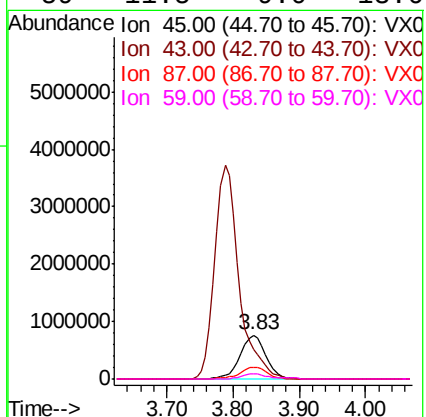
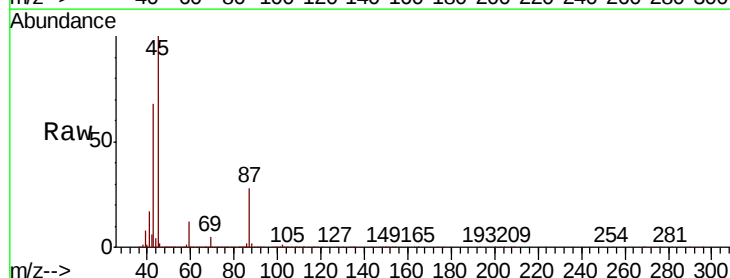
Ion Ratio Lower Upper

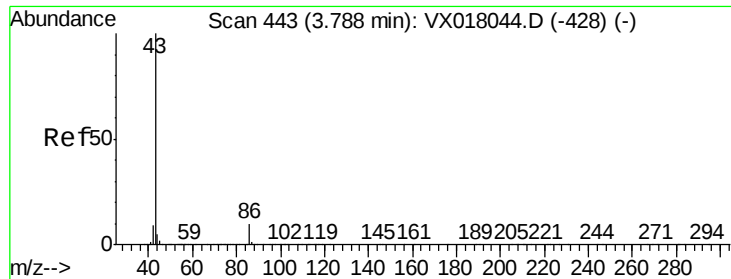
45 100

43 67.5 52.8 79.2

87 27.8 22.5 33.7

59 11.5 9.0 13.6

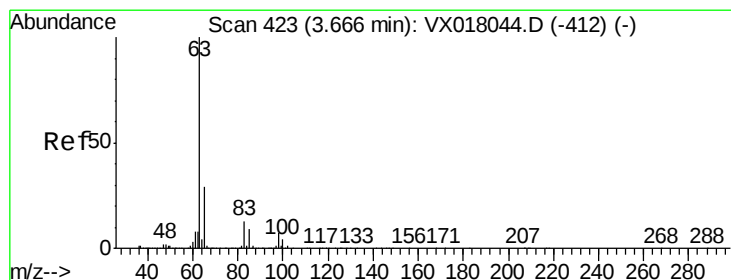
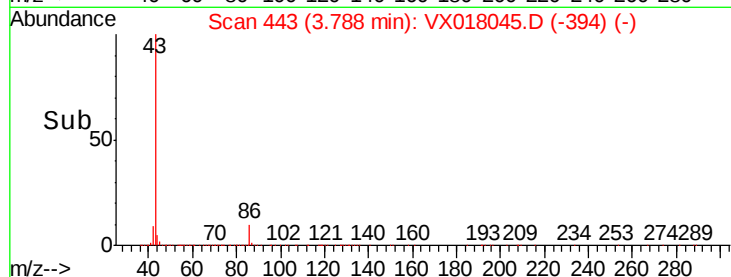
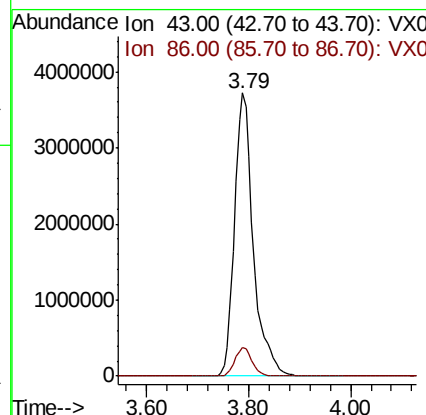
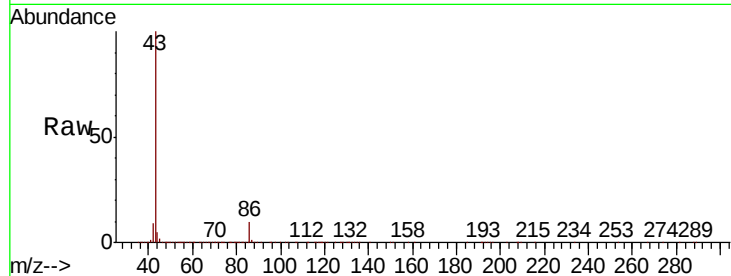




#23  
 Vinyl Acetate  
 Concen: 514.548 ug/l  
 RT: 3.79 min Scan# 443  
 Delta R.T. -0.00 min  
 Lab File: VX018045.D  
 Acq: 20 Aug 2020 20:31

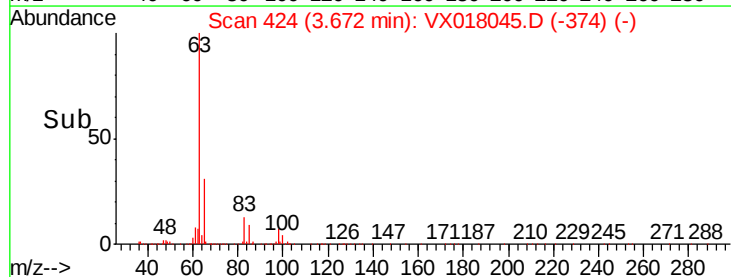
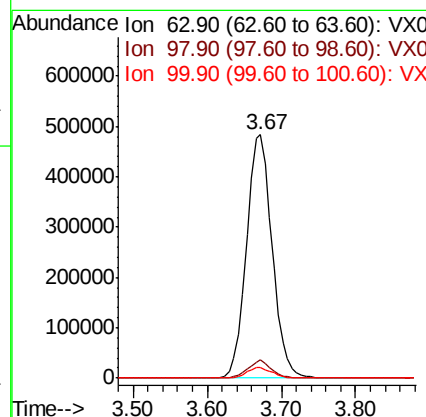
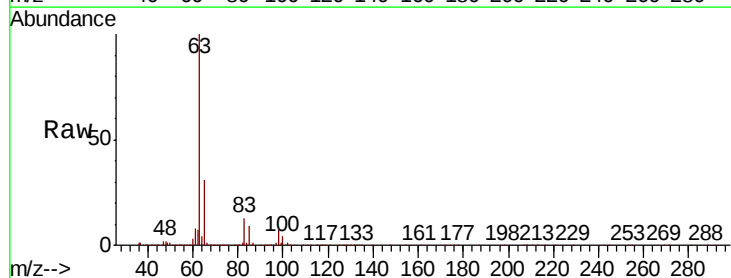
Instrument :  
 MSVOA\_X  
 ClientSampled :

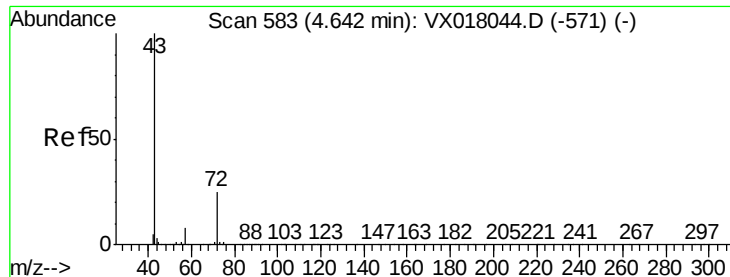
Tot Ion: 43 Resp: 9511163  
 Ion Ratio Lower Upper  
 43 100  
 86 10.2 7.9 11.9



#24  
 1,1-Dichloroethane  
 Concen: 99.624 ug/l  
 RT: 3.67 min Scan# 424  
 Delta R.T. 0.01 min  
 Lab File: VX018045.D  
 Acq: 20 Aug 2020 20:31

Tgt Ion: 63 Resp: 1171066  
 Ion Ratio Lower Upper  
 63 100  
 98 7.3 3.6 10.8  
 100 4.2 2.0 6.0

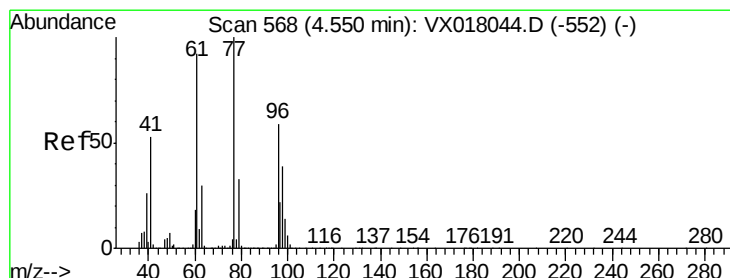
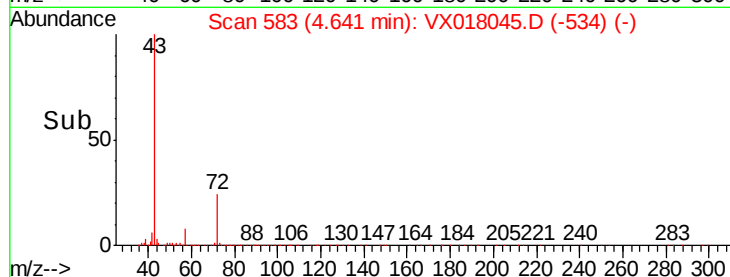
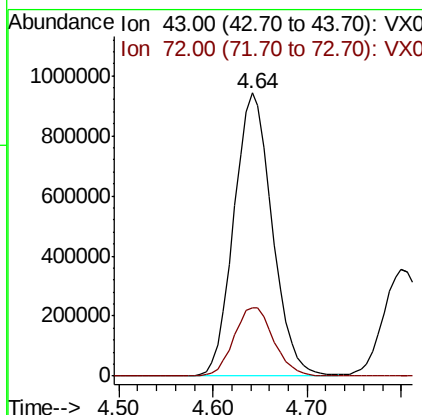
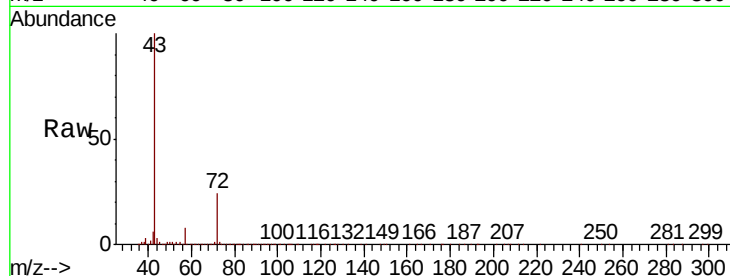




#25  
2-Butanone  
Concen: 489.174 ug/l  
RT: 4.64 min Scan# 583  
Delta R.T. -0.00 min  
Lab File: VX018045.D  
Acq: 20 Aug 2020 20:31

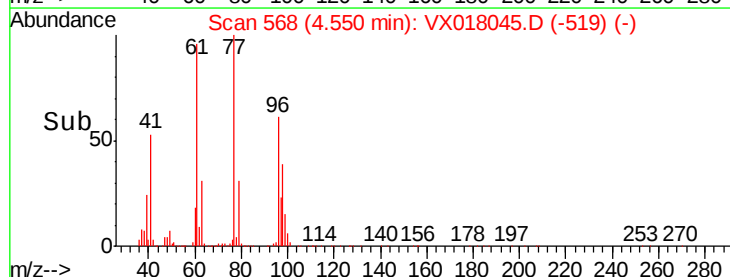
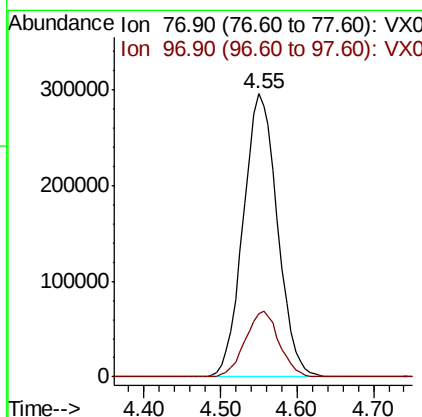
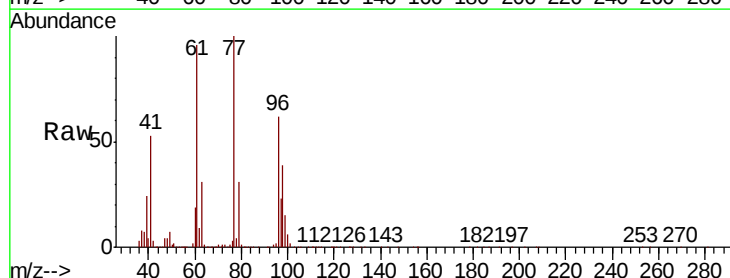
Instrument :  
MSVOA\_X  
ClientSampleId :

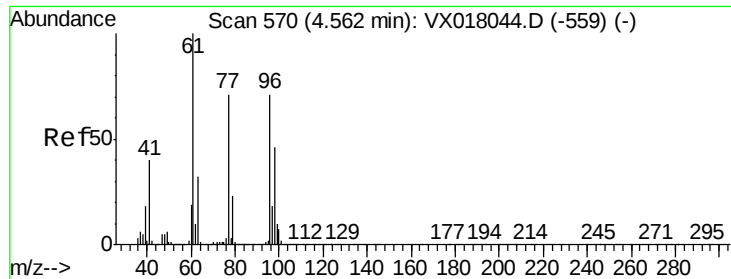
Tot Ion: 43 Resp: 2669440  
Ion Ratio Lower Upper  
43 100  
72 24.1 19.8 29.6



#26  
2,2-Dichloropropane  
Concen: 87.335 ug/l  
RT: 4.55 min Scan# 568  
Delta R.T. -0.00 min  
Lab File: VX018045.D  
Acq: 20 Aug 2020 20:31

Tgt Ion: 77 Resp: 920196  
Ion Ratio Lower Upper  
77 100  
97 23.1 11.5 34.5



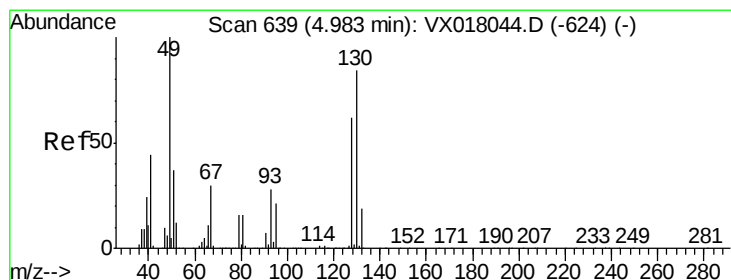
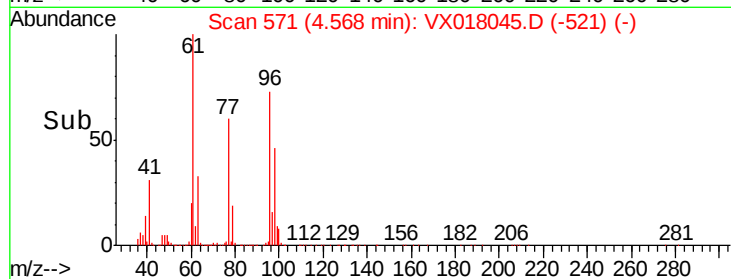
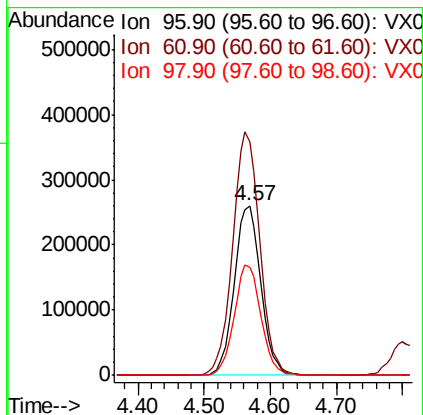
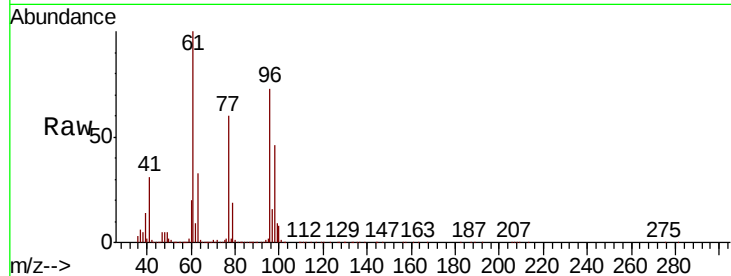


#27

cis-1,2-Dichloroethene  
Concen: 98.327 ug/l  
RT: 4.57 min Scan# 571  
Delta R.T. 0.01 min  
Lab File: VX018045.D  
Acq: 20 Aug 2020 20:31

Instrument :  
MSVOA\_X  
ClientSampleId :

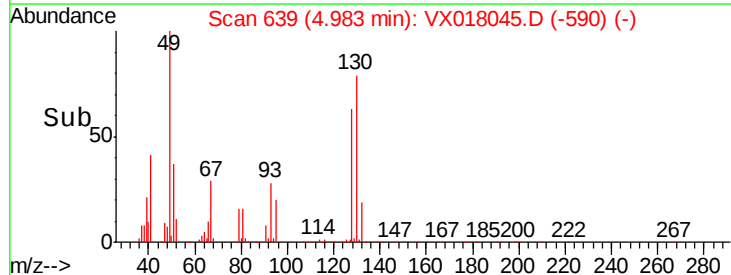
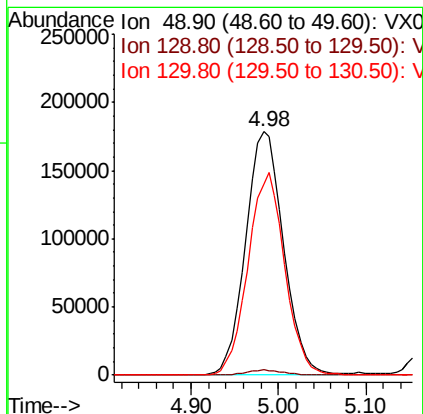
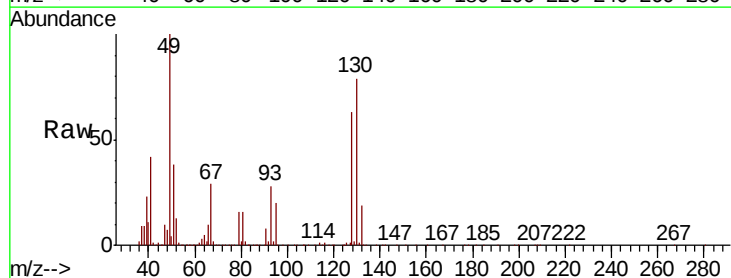
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 146.1 | 0.0   | 296.6 |
| 98      | 65.7  | 0.0   | 130.2 |



#28

Bromochloromethane  
Concen: 99.714 ug/l  
RT: 4.98 min Scan# 639  
Delta R.T. -0.00 min  
Lab File: VX018045.D  
Acq: 20 Aug 2020 20:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.1   | 0.0   | 4.6   |
| 130     | 80.6  | 64.6  | 96.8  |

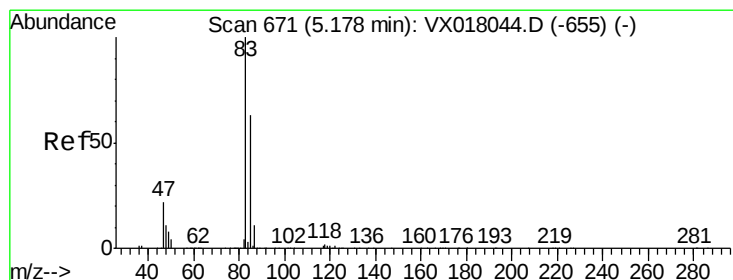
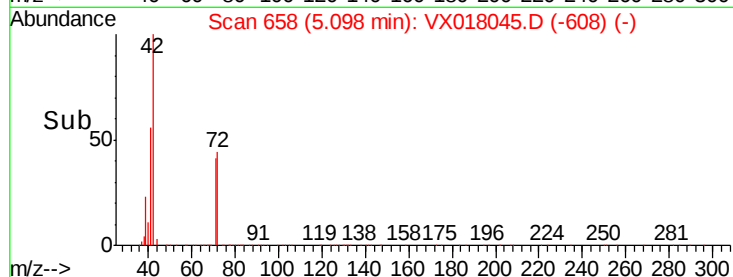
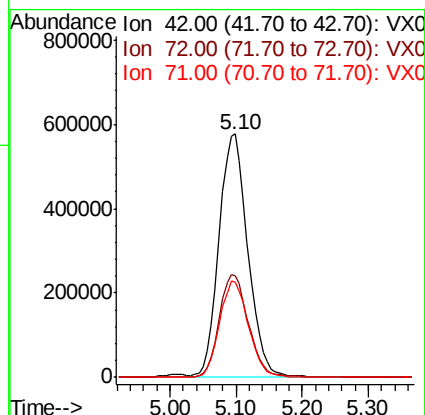
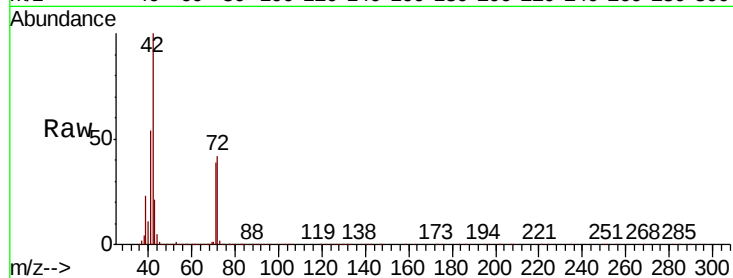




#29  
Tetrahydrofuran  
Concen: 481.128 ug/l  
RT: 5.10 min Scan# 658  
Delta R.T. 0.01 min  
Lab File: VX018045.D  
Acq: 20 Aug 2020 20:31

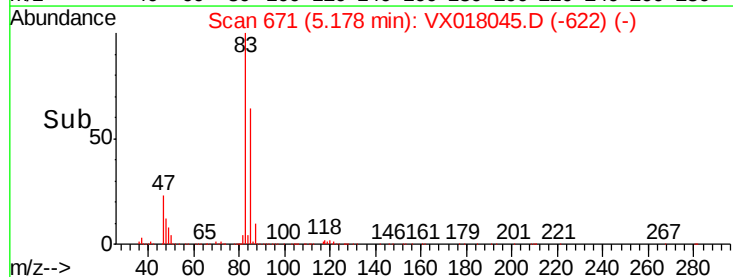
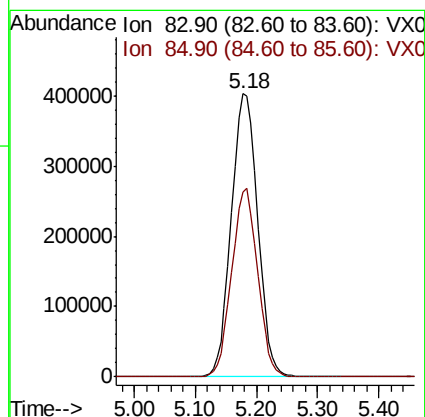
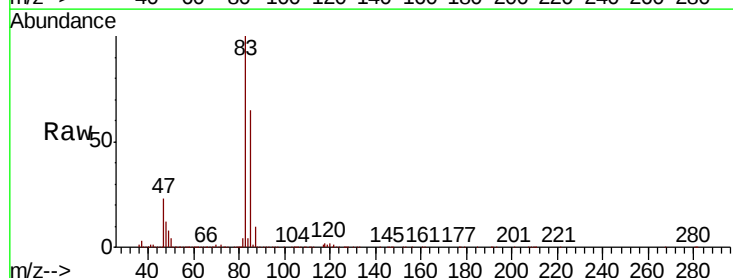
Instrument :  
MSVOA\_X  
ClientSampleId :

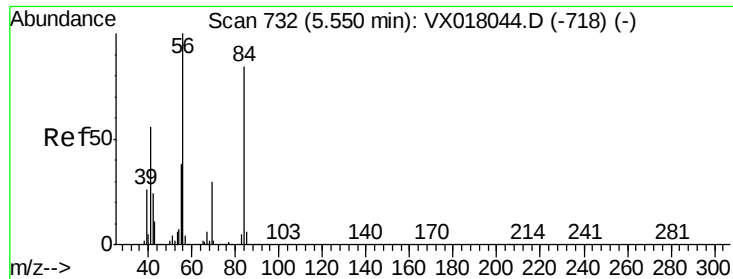
Tot Ion: 42 Resp: 1737834  
Ion Ratio Lower Upper  
42 100  
72 43.0 34.2 51.4  
71 39.8 32.1 48.1



#30  
Chloroform  
Concen: 101.967 ug/l  
RT: 5.18 min Scan# 671  
Delta R.T. -0.00 min  
Lab File: VX018045.D  
Acq: 20 Aug 2020 20:31

Tgt Ion: 83 Resp: 1198079  
Ion Ratio Lower Upper  
83 100  
85 65.4 50.7 76.1

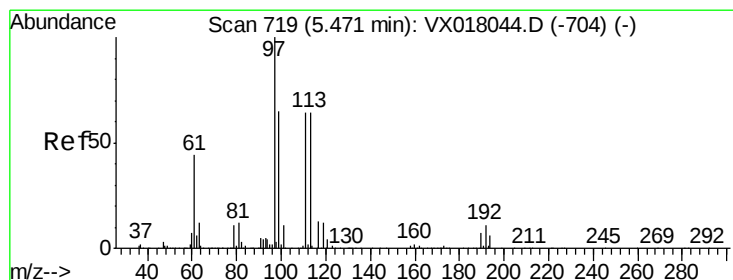
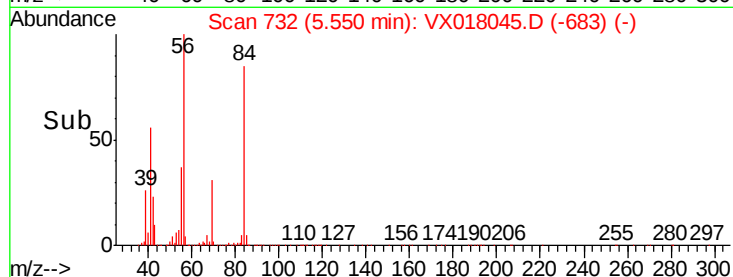
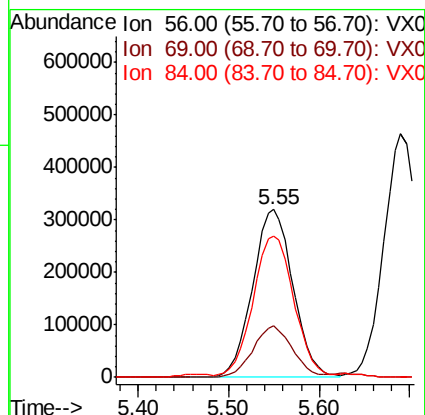
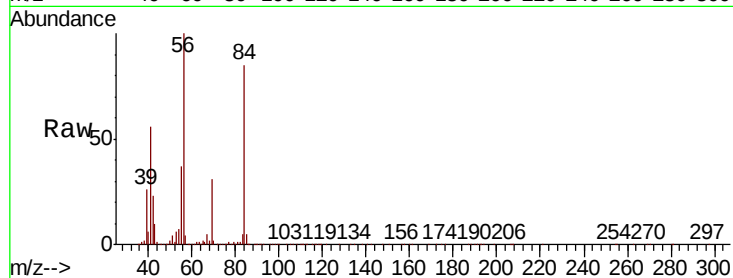




#31  
Cyclohexane  
Concen: 94.125 ug/l  
RT: 5.55 min Scan# 732  
Delta R.T. -0.00 min  
Lab File: VX018045.D  
Acq: 20 Aug 2020 20:31

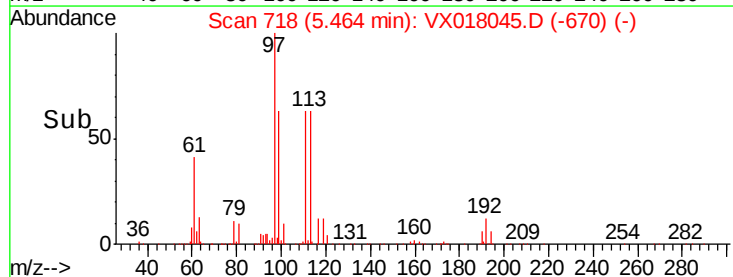
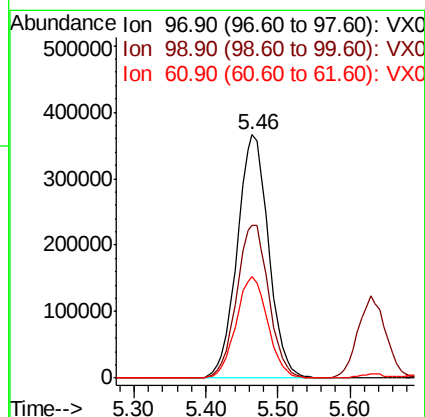
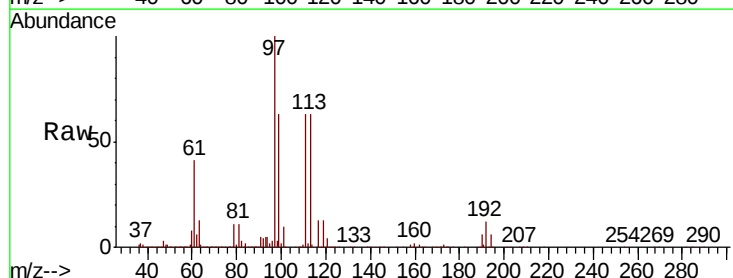
Instrument :  
MSVOA\_X  
ClientSampleId :

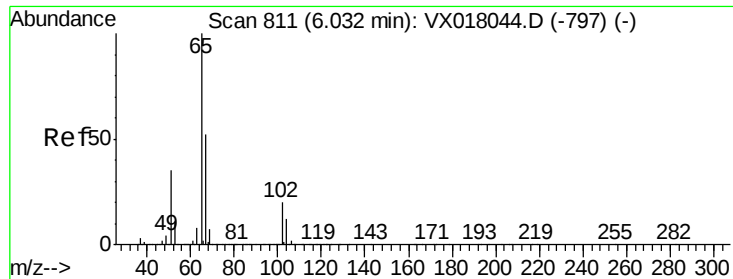
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 30.8  | 23.9  | 35.9  |
| 84      | 83.0  | 67.0  | 100.4 |



#32  
1,1,1-Trichloroethane  
Concen: 103.448 ug/l  
RT: 5.46 min Scan# 718  
Delta R.T. -0.01 min  
Lab File: VX018045.D  
Acq: 20 Aug 2020 20:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.3  | 51.4  | 77.0  |
| 61      | 42.2  | 34.2  | 51.4  |

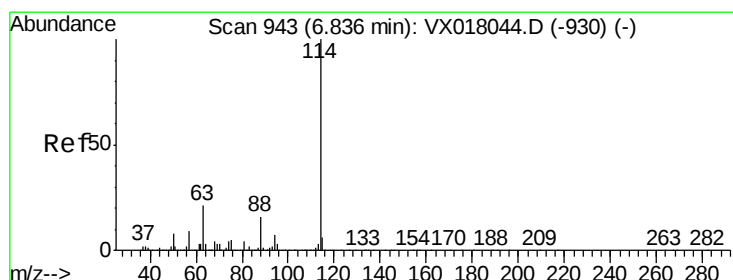
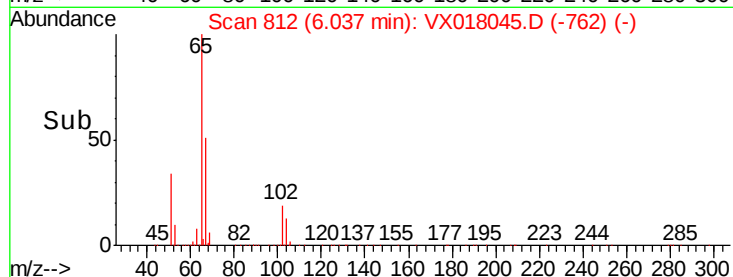
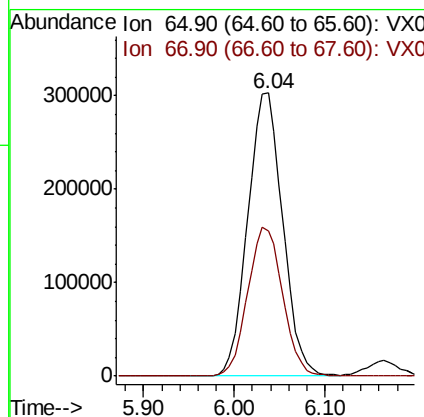
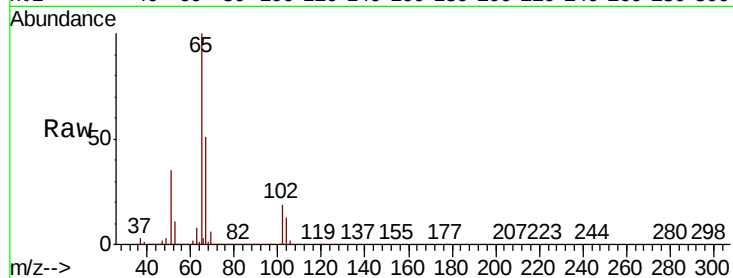




#33  
 1,2-Dichloroethane-d4  
 Concen: 103.520 ug/l  
 RT: 6.04 min Scan# 812  
 Delta R.T. 0.01 min  
 Lab File: VX018045.D  
 Acq: 20 Aug 2020 20:31

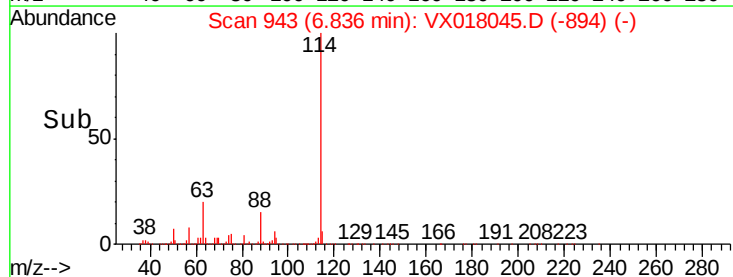
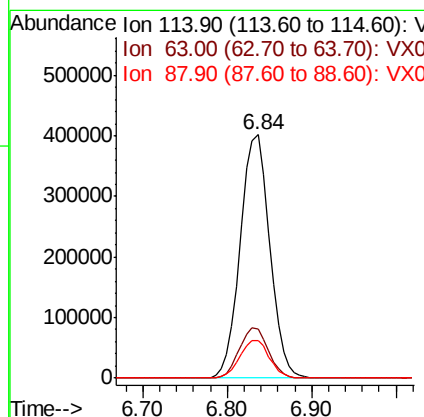
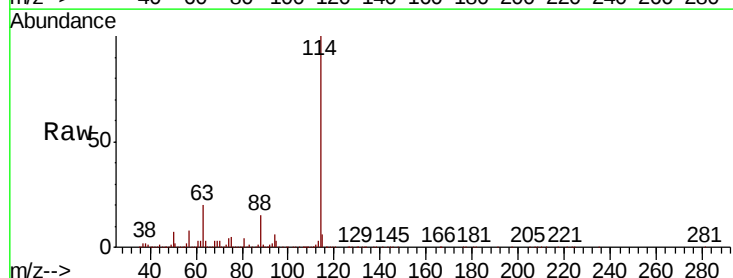
Instrument :  
 MSVOA\_X  
 ClientSampleId :

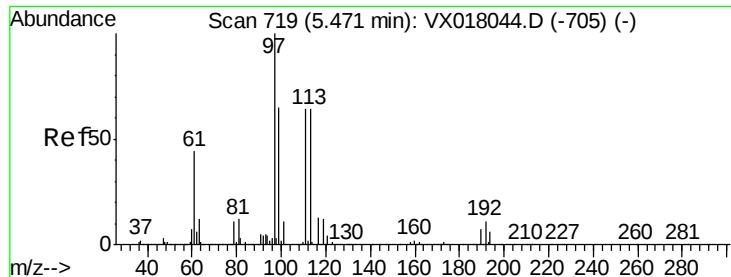
Tot Ion: 65 Resp: 809137  
 Ion Ratio Lower Upper  
 65 100  
 67 52.5 0.0 105.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.84 min Scan# 943  
 Delta R.T. -0.00 min  
 Lab File: VX018045.D  
 Acq: 20 Aug 2020 20:31

Tgt Ion: 114 Resp: 951148  
 Ion Ratio Lower Upper  
 114 100  
 63 20.3 0.0 42.6  
 88 15.3 0.0 31.8

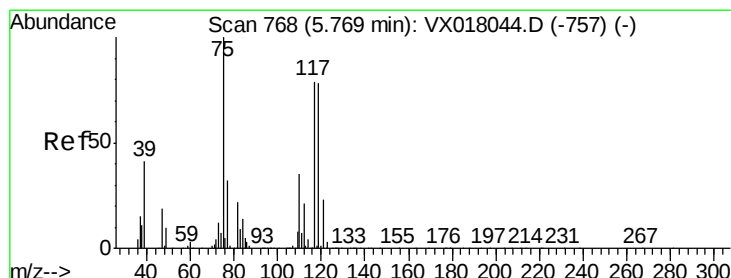
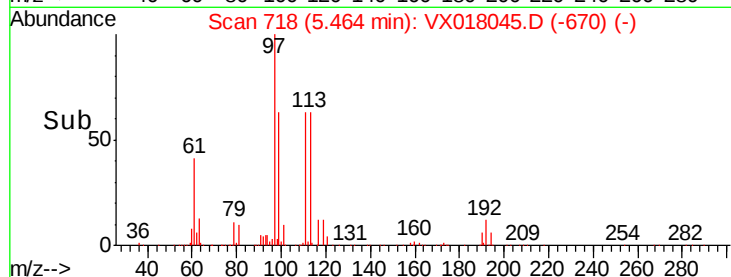
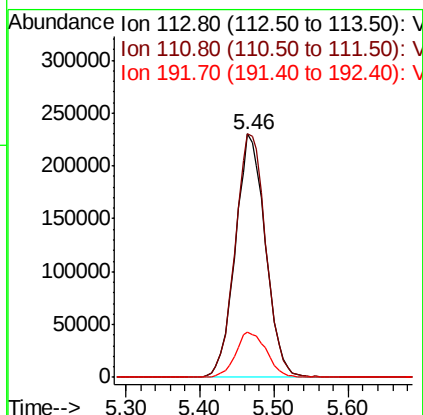
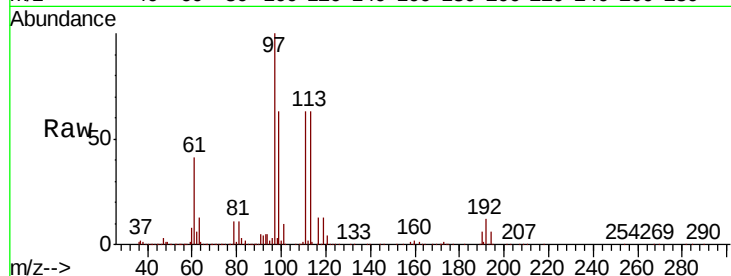




#35  
 Dibromofluoromethane  
 Concen: 105.781 ug/l  
 RT: 5.46 min Scan# 718  
 Delta R.T. -0.01 min  
 Lab File: VX018045.D  
 Acq: 20 Aug 2020 20:31

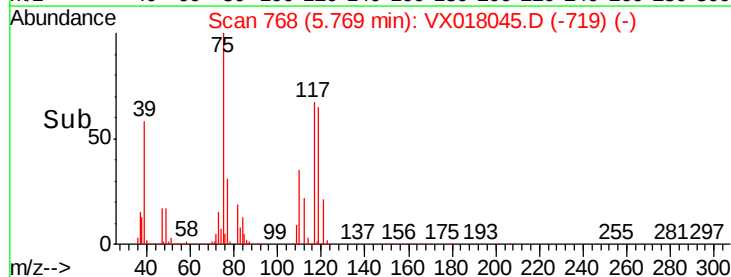
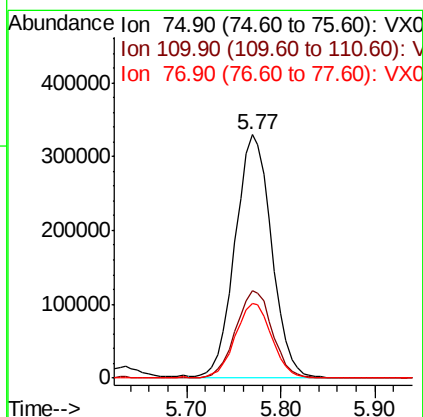
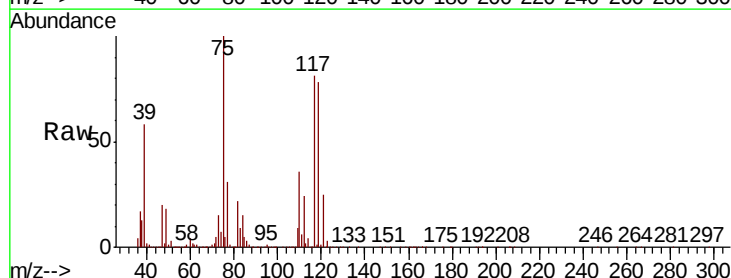
Instrument :  
 MSVOA\_X  
 ClientSampleId :

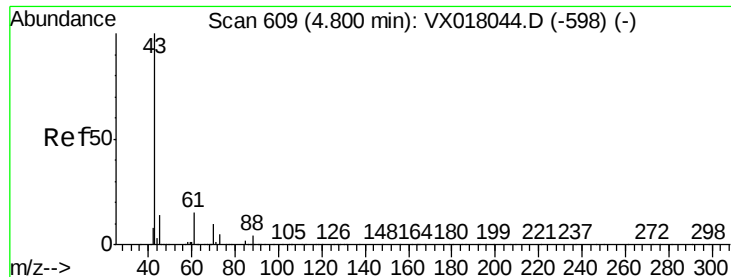
Tot Ion:113 Resp: 651303  
 Ion Ratio Lower Upper  
 113 100  
 111 102.4 81.6 122.4  
 192 19.2 15.8 23.8



#36  
 1,1-Dichloropropene  
 Concen: 95.324 ug/l  
 RT: 5.77 min Scan# 768  
 Delta R.T. -0.00 min  
 Lab File: VX018045.D  
 Acq: 20 Aug 2020 20:31

Tgt Ion: 75 Resp: 889663  
 Ion Ratio Lower Upper  
 75 100  
 110 36.1 18.0 54.0  
 77 30.6 24.4 36.6

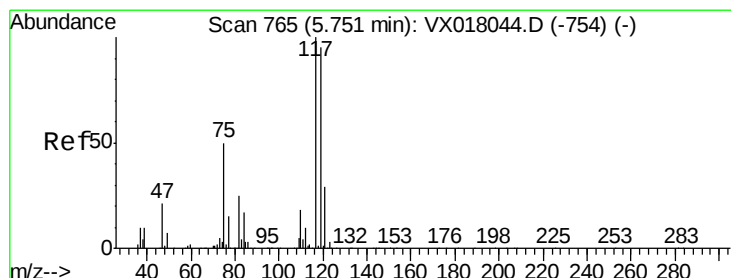
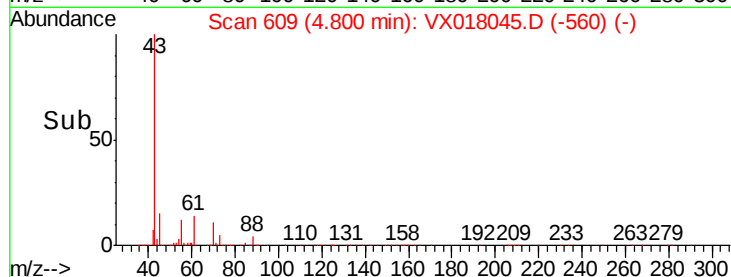
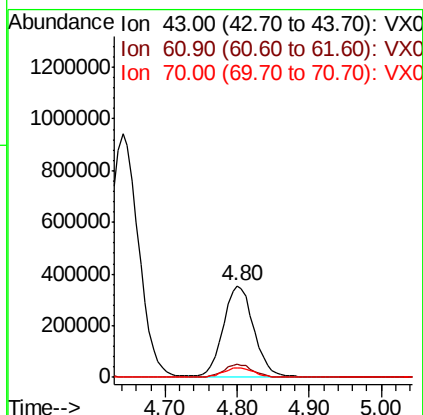
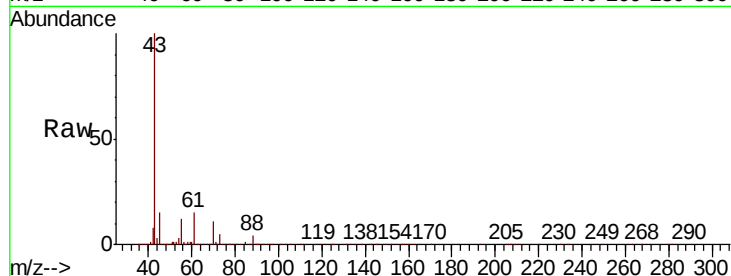




#37  
Ethyl Acetate  
Concen: 97.840 ug/l  
RT: 4.80 min Scan# 609  
Delta R.T. -0.00 min  
Lab File: VX018045.D  
Acq: 20 Aug 2020 20:31

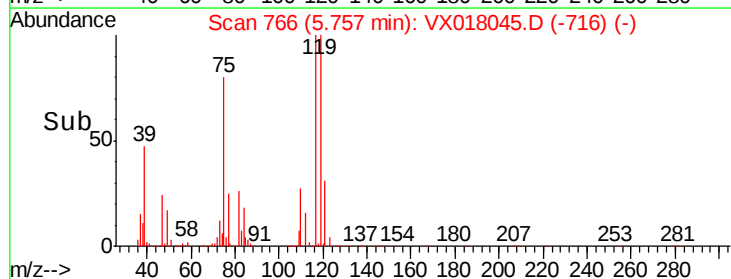
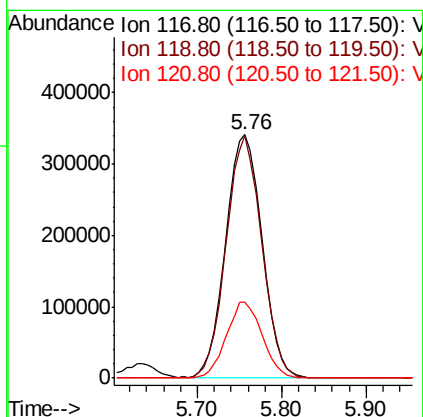
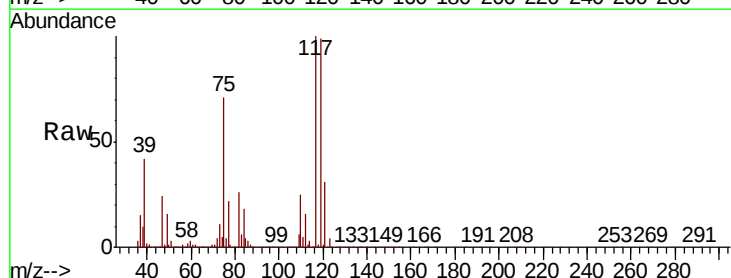
Instrument :  
MSVOA\_X  
ClientSampleId :

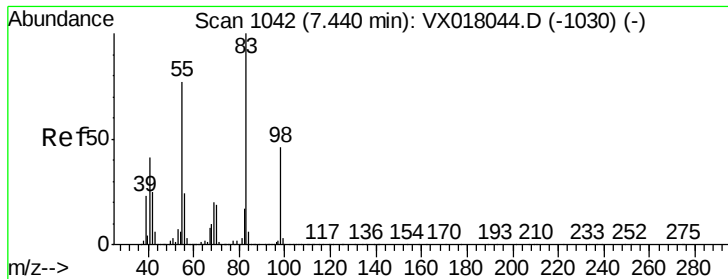
Tot Ion: 43 Resp: 1048424  
Ion Ratio Lower Upper  
43 100  
61 13.6 11.3 16.9  
70 10.5 8.2 12.4



#38  
Carbon Tetrachloride  
Concen: 104.663 ug/l  
RT: 5.76 min Scan# 766  
Delta R.T. 0.01 min  
Lab File: VX018045.D  
Acq: 20 Aug 2020 20:31

Tgt Ion: 117 Resp: 1006596  
Ion Ratio Lower Upper  
117 100  
119 99.3 75.8 113.6  
121 30.9 23.4 35.0

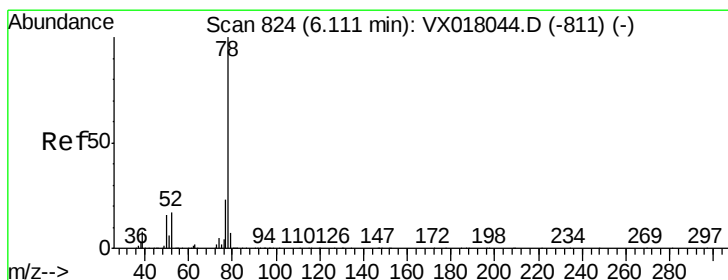
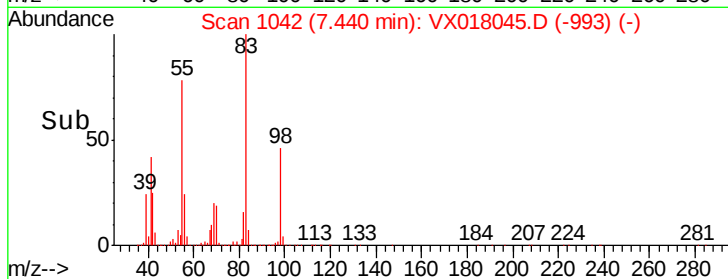
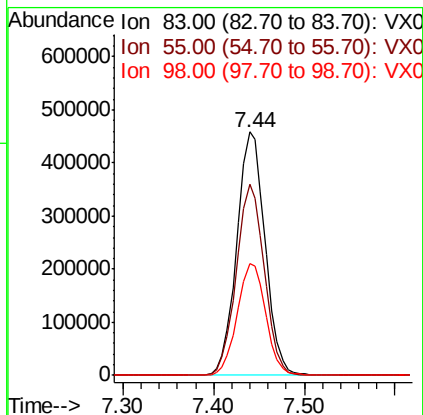
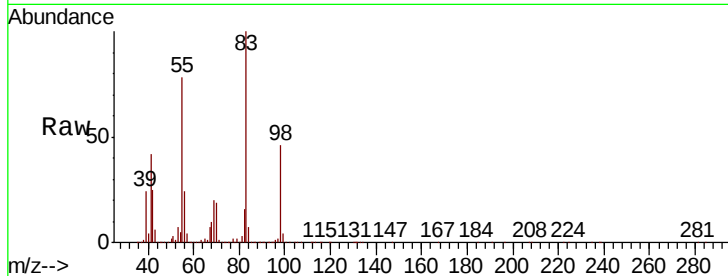




#39  
Methvlcvclohexane  
Concen: 89.581 ug/l  
RT: 7.44 min Scan# 1042  
Delta R.T. -0.00 min  
Lab File: VX018045.D  
Acq: 20 Aug 2020 20:31

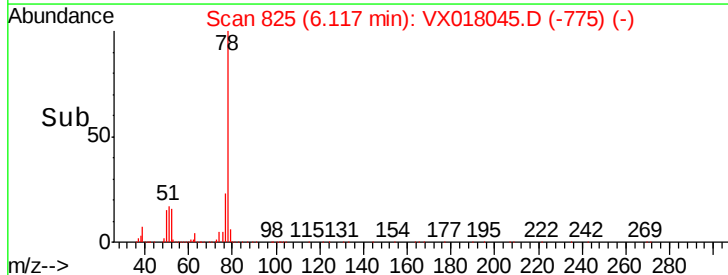
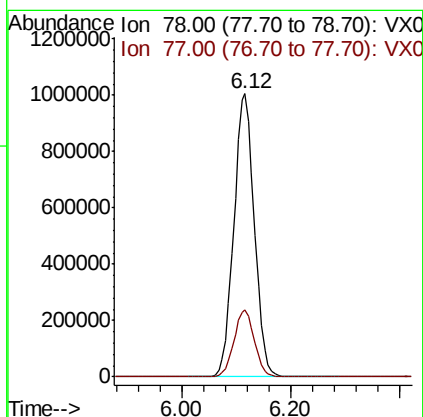
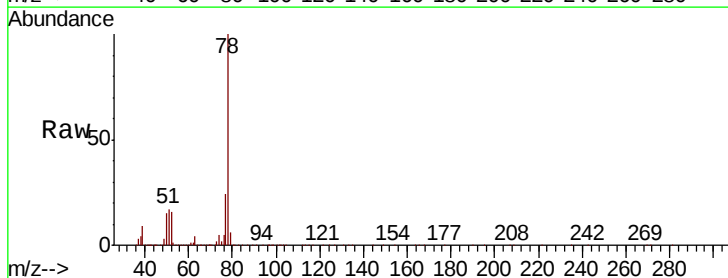
Instrument :  
MSVOA\_X  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 78.2  | 61.8  | 92.6  |
| 98      | 45.7  | 36.6  | 55.0  |



#40  
Benzene  
Concen: 97.199 ug/l  
RT: 6.12 min Scan# 825  
Delta R.T. 0.01 min  
Lab File: VX018045.D  
Acq: 20 Aug 2020 20:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.6  | 18.2  | 27.2  |





#41

Methacrylonitrile

Concen: 98.297 ug/l

RT: 5.01 min Scan# 643

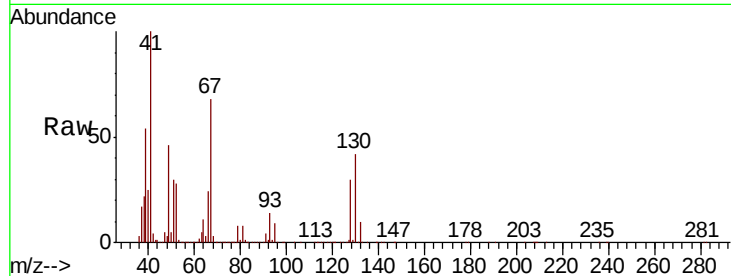
Delta R.T. -0.00 min

Lab File: VX018045.D

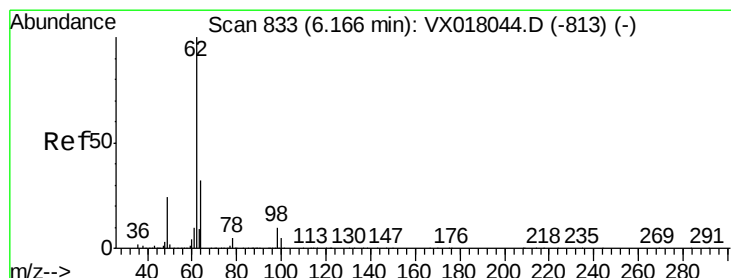
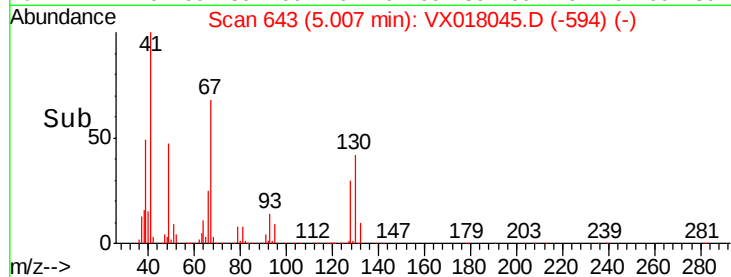
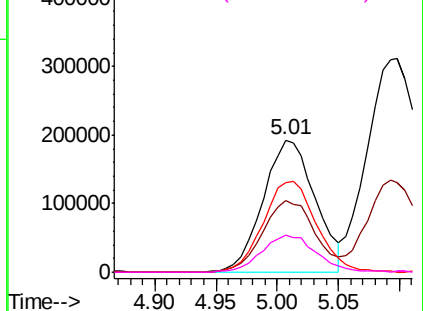
Acq: 20 Aug 2020 20:31

Instrument :  
MSVOA\_X  
ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 41    | Resp: | 569637 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 54.4  | 43.1  | 64.7   |
| 67       | 70.4  | 56.0  | 84.0   |
| 52       | 28.8  | 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: 101.648 ug/l

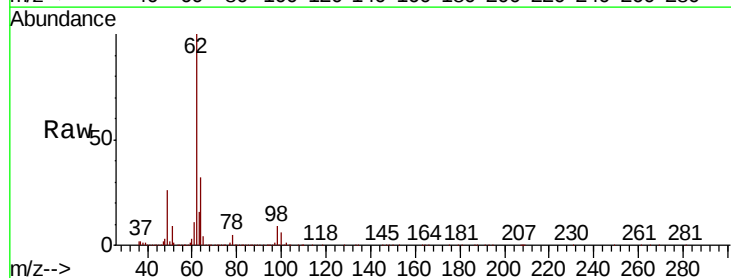
RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

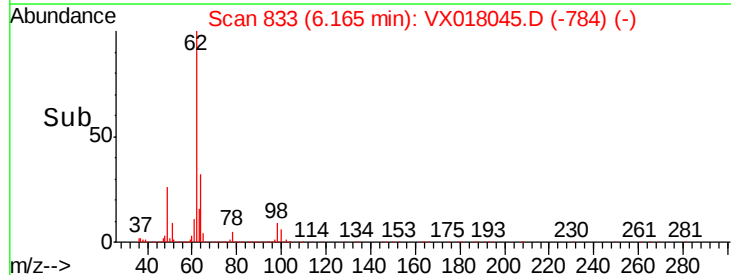
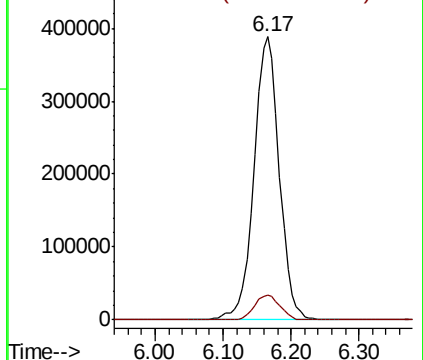
Lab File: VX018045.D

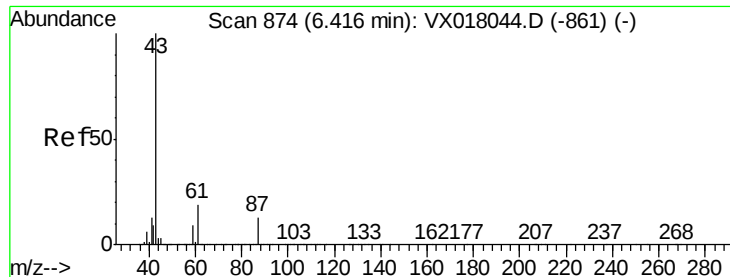
Acq: 20 Aug 2020 20:31

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 62    | Resp: | 1005639 |
| Ion      | Ratio | Lower | Upper   |
| 62       | 100   |       |         |
| 98       | 8.9   | 0.0   | 18.2    |



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



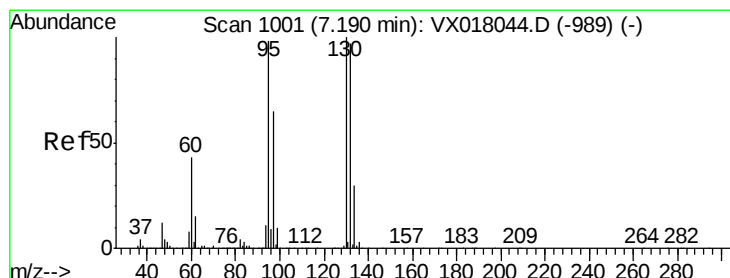
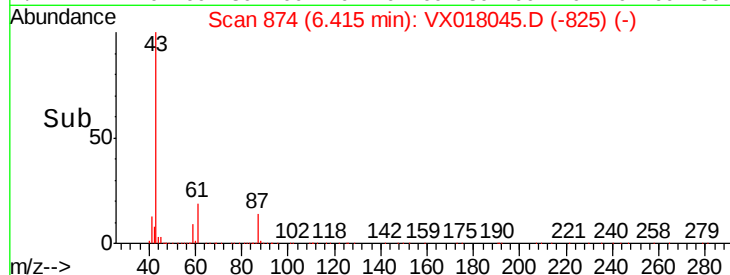
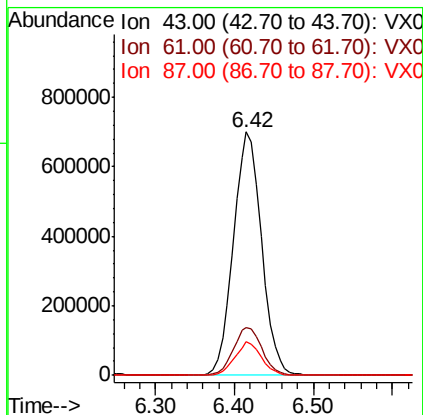
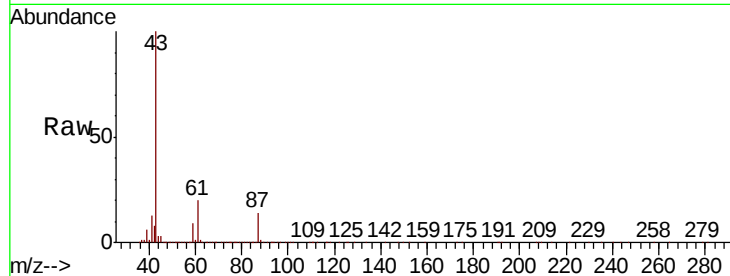


#43

Isopropyl Acetate  
 Concen: 100.766 ug/l  
 RT: 6.42 min Scan# 874  
 Delta R.T. -0.00 min  
 Lab File: VX018045.D  
 Acq: 20 Aug 2020 20:31

Instrument :  
 MSVOA\_X  
 ClientSampleId :

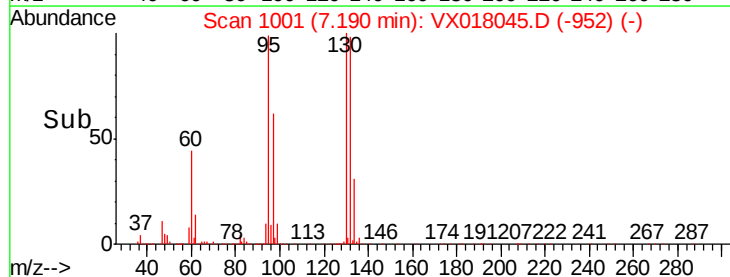
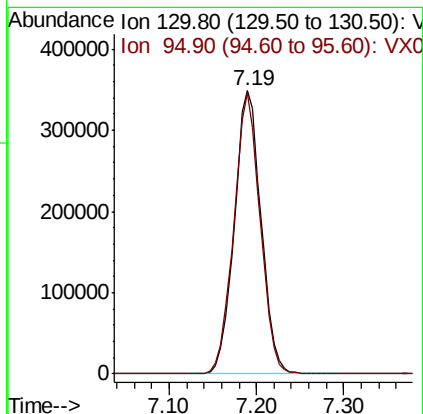
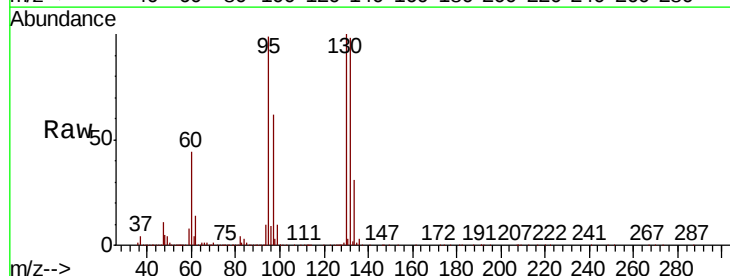
Tot Ion: 43 Resp: 1734263  
 Ion Ratio Lower Upper  
 43 100  
 61 19.9 15.7 23.5  
 87 13.0 10.3 15.5



#44

Trichloroethene  
 Concen: 78.881 ug/l  
 RT: 7.19 min Scan# 1001  
 Delta R.T. -0.00 min  
 Lab File: VX018045.D  
 Acq: 20 Aug 2020 20:31

Tgt Ion:130 Resp: 741301  
 Ion Ratio Lower Upper  
 130 100  
 95 99.1 0.0 196.4





#45

1,2-Dichloropropane

Concen: 102.470 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

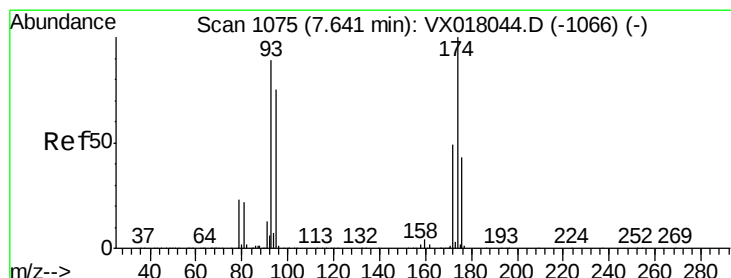
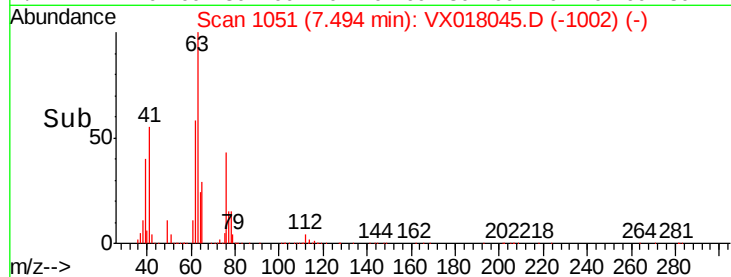
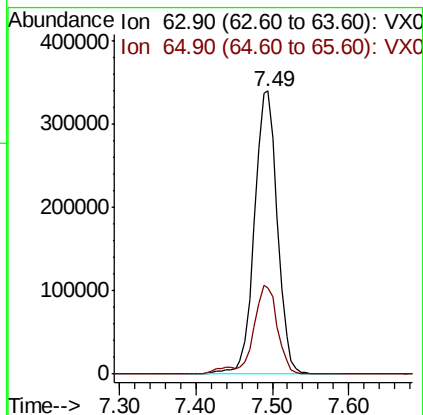
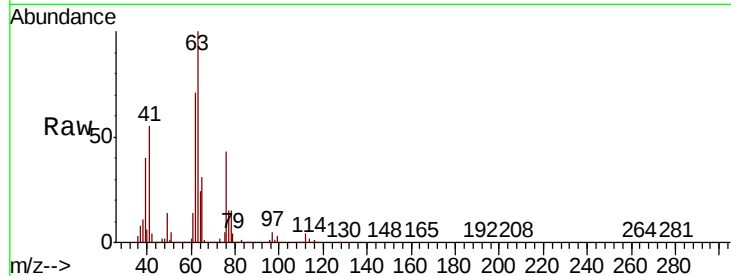
Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion: 63 Resp: 712077

Ion Ratio Lower Upper

63 100

65 30.6 25.7 38.5



#46

Dibromomethane

Concen: 105.071 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

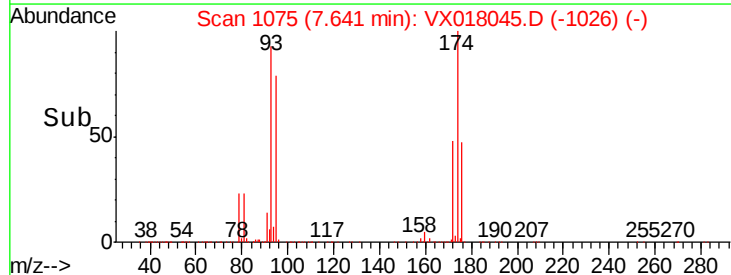
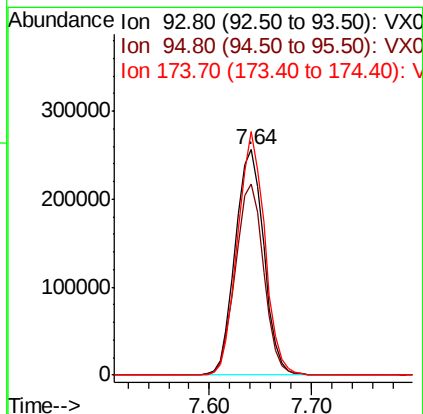
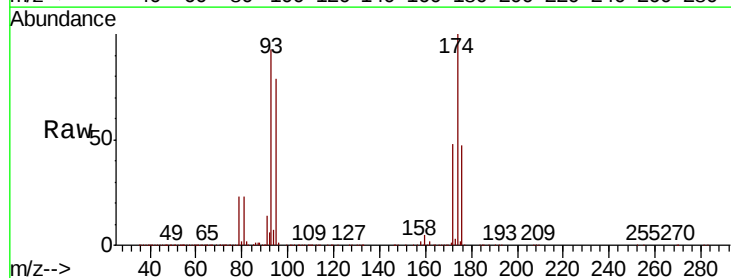
Tgt Ion: 93 Resp: 498301

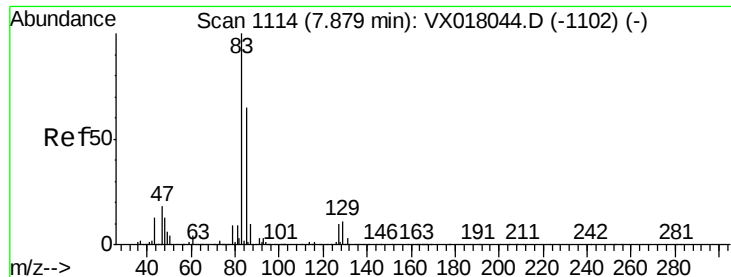
Ion Ratio Lower Upper

93 100

95 83.8 67.3 100.9

174 102.5 82.2 123.2





#47

Bromodichloromethane

Concen: 105.001 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

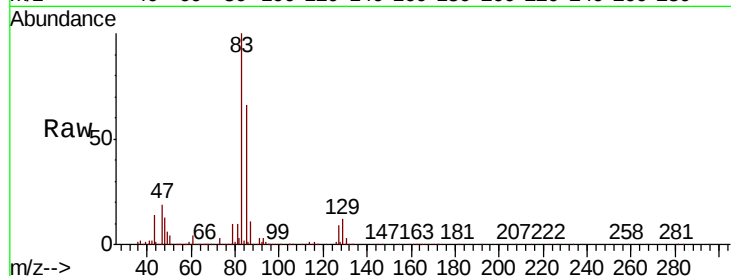
Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion: 83 Resp: 1011632

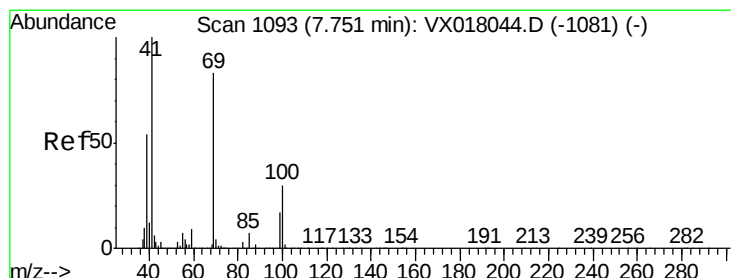
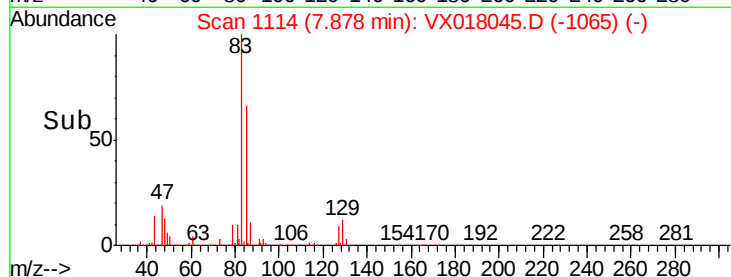
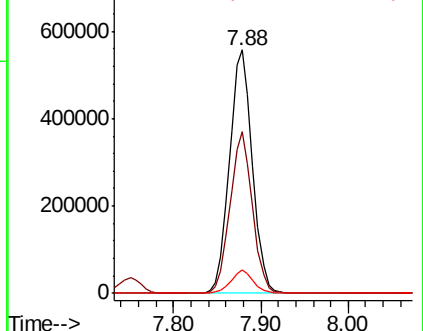
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 66.2  | 51.8  | 77.6  |
| 127 | 9.4   | 7.7   | 11.5  |



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: 107.878 ug/l

RT: 7.75 min Scan# 1093

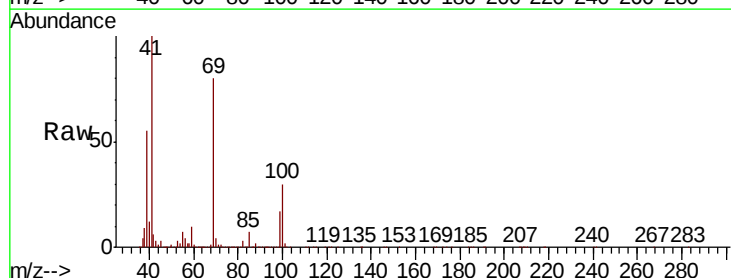
Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Tgt Ion: 41 Resp: 885588

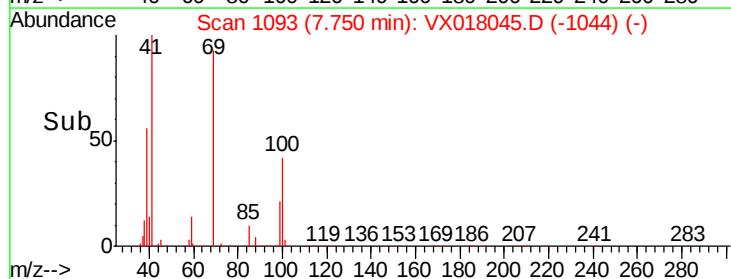
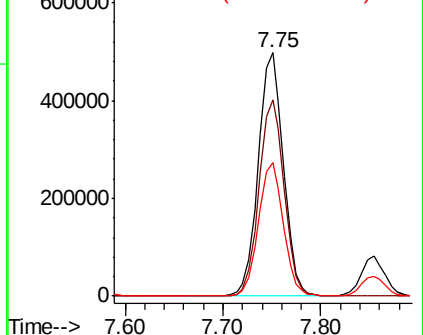
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 69  | 80.8  | 65.5  | 98.3  |
| 39  | 54.5  | 44.5  | 66.7  |

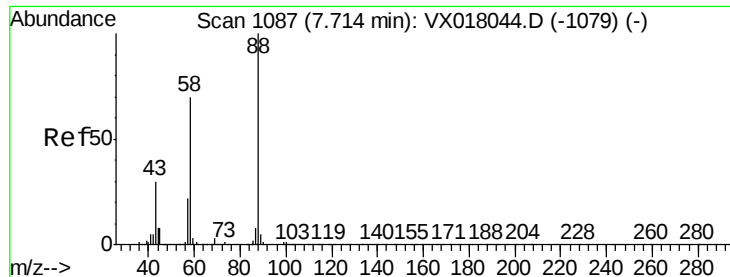


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

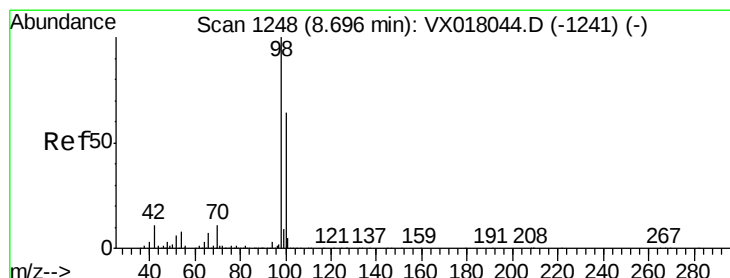
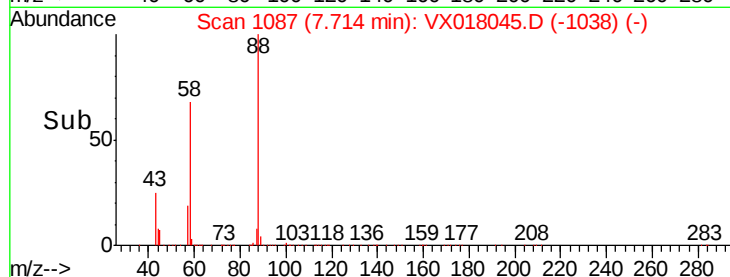
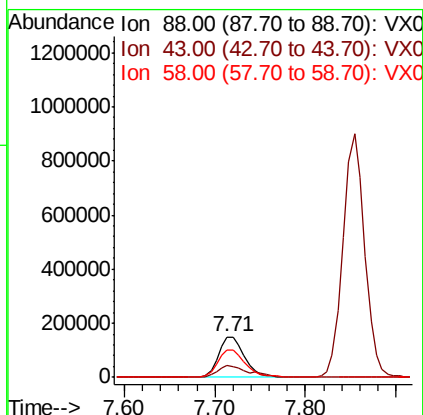
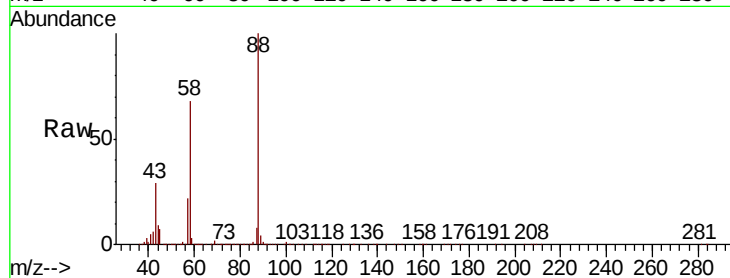




#49  
1,4-Dioxane  
Concen: 1569.481 ug/l  
RT: 7.71 min Scan# 1087  
Delta R.T. -0.00 min  
Lab File: VX018045.D  
Acq: 20 Aug 2020 20:31

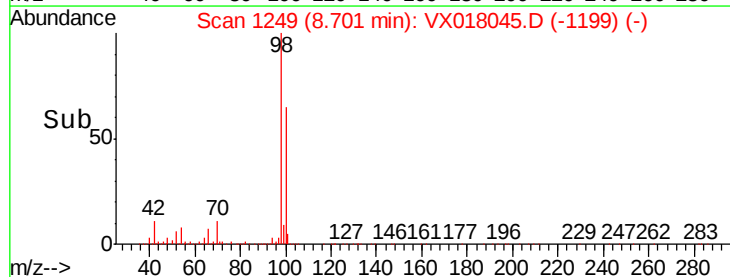
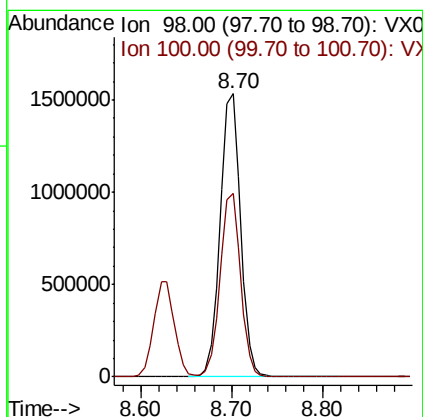
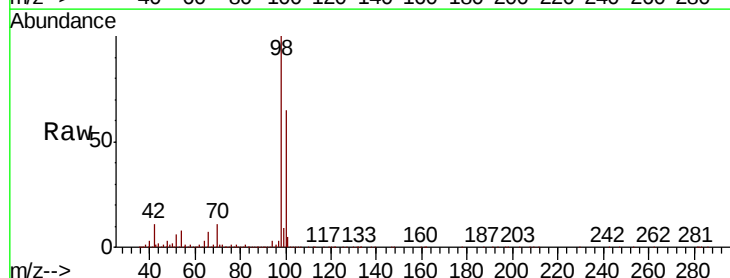
Instrument :  
MSVOA\_X  
ClientSampleId :

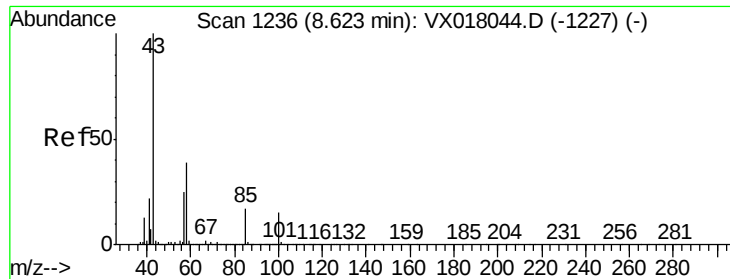
Tot Ion: 88 Resp: 298978  
Ion Ratio Lower Upper  
88 100  
43 34.2 27.4 41.0  
58 71.5 56.4 84.6



#50  
Toluene-d8  
Concen: 102.314 ug/l  
RT: 8.70 min Scan# 1249  
Delta R.T. 0.01 min  
Lab File: VX018045.D  
Acq: 20 Aug 2020 20:31

Tgt Ion: 98 Resp: 2408277  
Ion Ratio Lower Upper  
98 100  
100 65.1 52.2 78.4

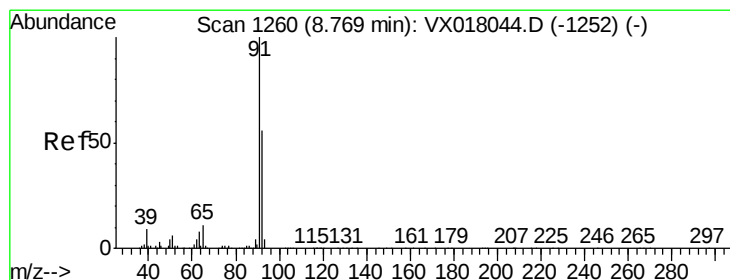
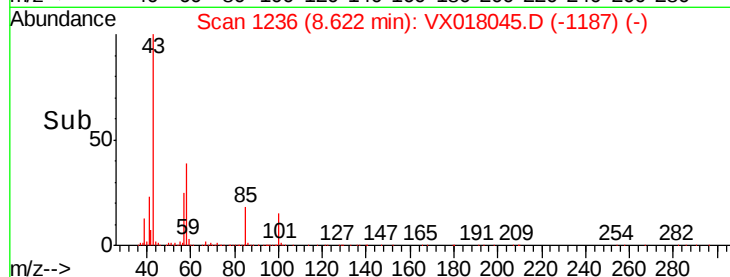
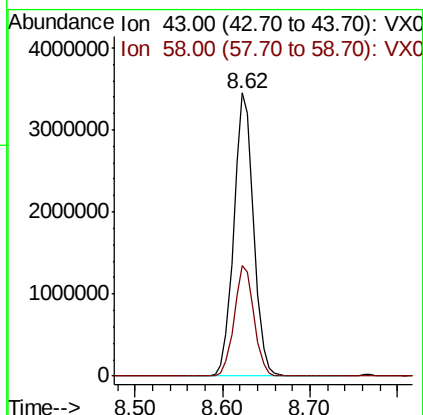
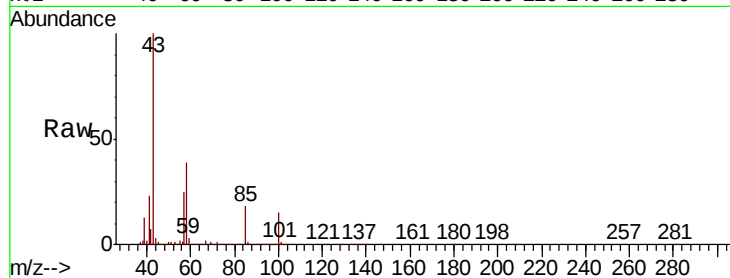




#51  
4-Methyl-2-Pentanone  
Concen: 518.015 ug/l  
RT: 8.62 min Scan# 1236  
Delta R.T. -0.00 min  
Lab File: VX018045.D  
Acq: 20 Aug 2020 20:31

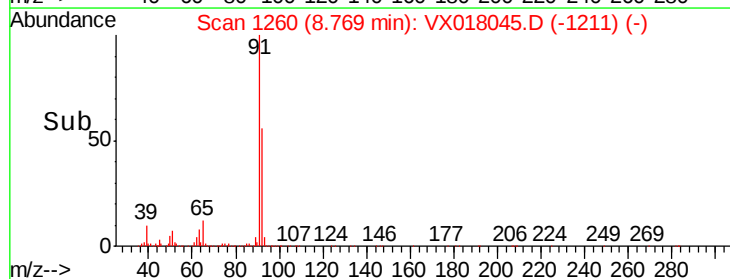
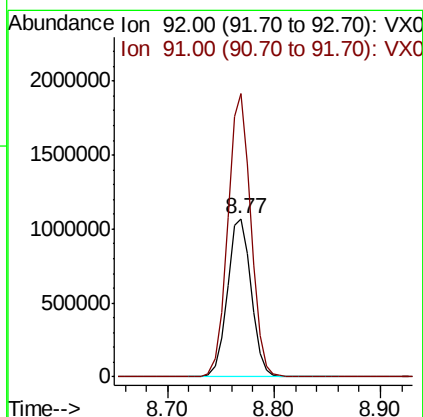
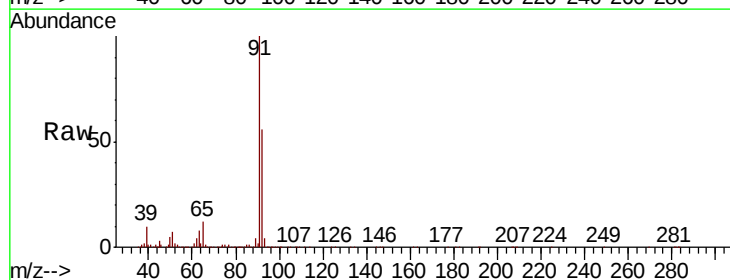
Instrument :  
MSVOA\_X  
ClientSampleId :

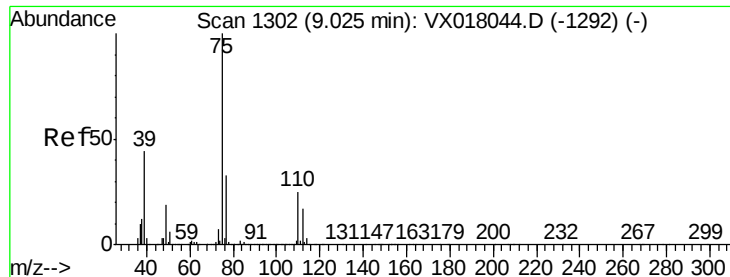
Tot Ion: 43 Resp: 5456799  
Ion Ratio Lower Upper  
43 100  
58 39.0 30.7 46.1



#52  
Toluene  
Concen: 98.490 ug/l  
RT: 8.77 min Scan# 1260  
Delta R.T. -0.00 min  
Lab File: VX018045.D  
Acq: 20 Aug 2020 20:31

Tgt Ion: 92 Resp: 1672789  
Ion Ratio Lower Upper  
92 100  
91 173.7 140.3 210.5

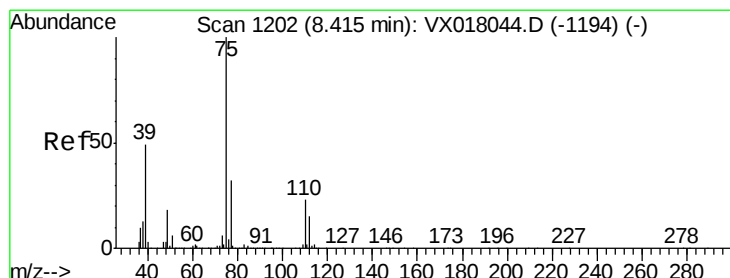
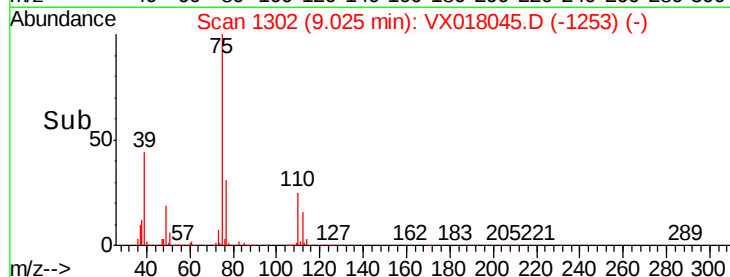
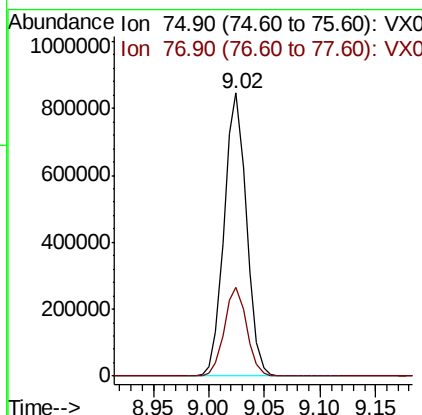
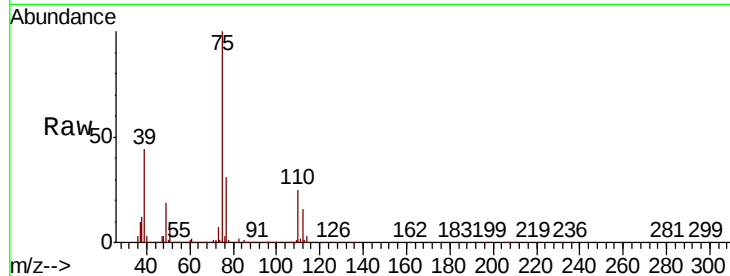




#53  
 t-1,3-Dichloropropene  
 Concen: 103.373 ug/l  
 RT: 9.02 min Scan# 1302  
 Delta R.T. -0.00 min  
 Lab File: VX018045.D  
 Acq: 20 Aug 2020 20:31

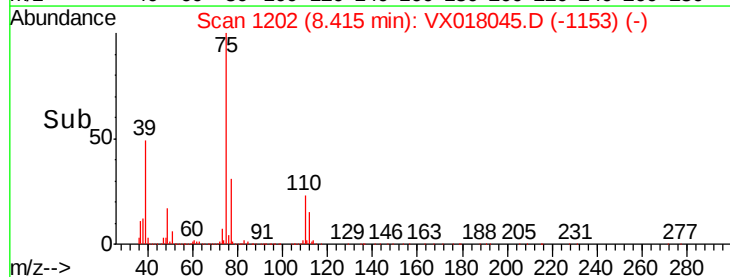
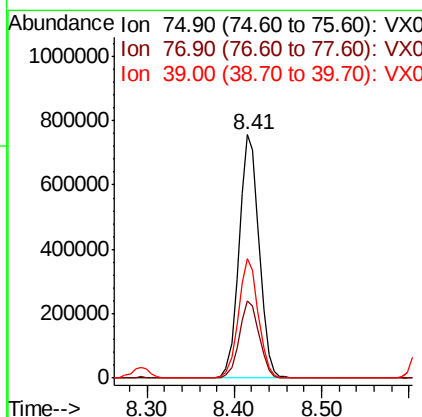
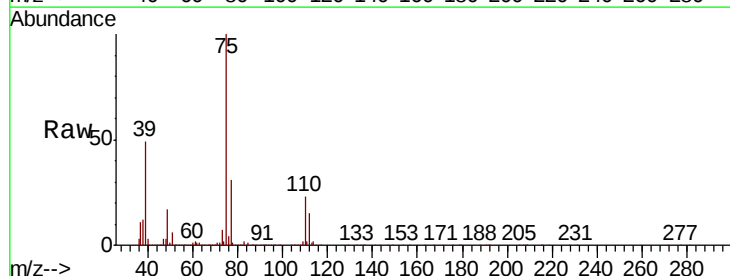
Instrument :  
 MSVOA\_X  
 ClientSampleId :

Tot Ion: 75 Resp: 1177731  
 Ion Ratio Lower Upper  
 75 100  
 77 31.2 26.6 39.8



#54  
 cis-1,3-Dichloropropene  
 Concen: 101.250 ug/l  
 RT: 8.41 min Scan# 1202  
 Delta R.T. -0.00 min  
 Lab File: VX018045.D  
 Acq: 20 Aug 2020 20:31

Tgt Ion: 75 Resp: 1204402  
 Ion Ratio Lower Upper  
 75 100  
 77 31.5 25.8 38.8  
 39 49.1 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 105.010 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA\_X

ClientSampleId :

Tot Ion: 97 Resp: 709585

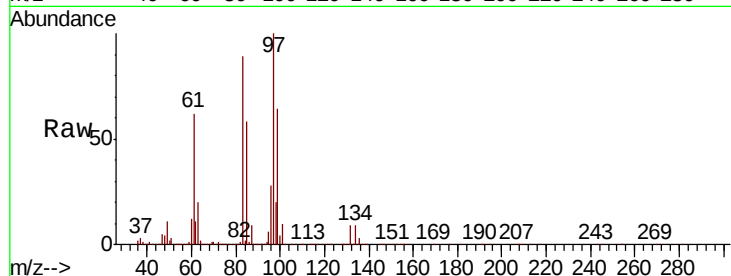
Ion Ratio Lower Upper

97 100

83 88.7 67.8 101.6

85 57.8 45.3 67.9

99 63.7 50.9 76.3

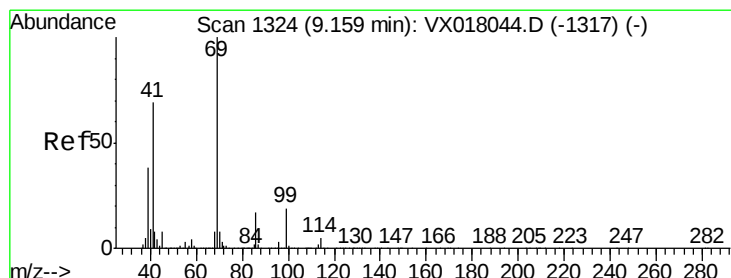
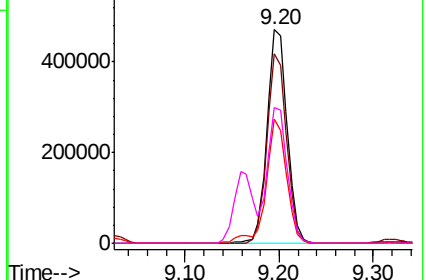
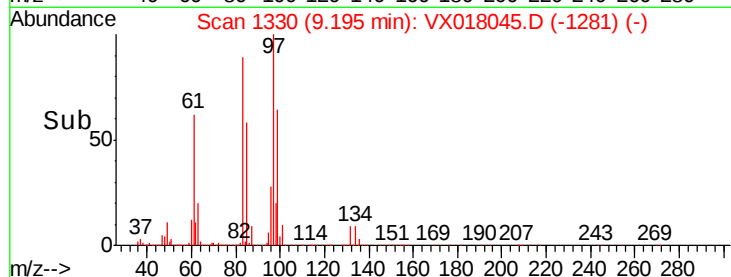


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 106.658 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

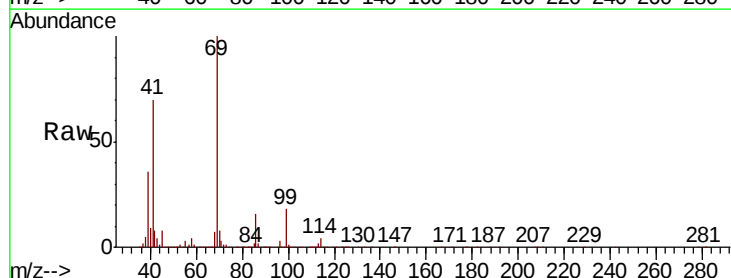
Tgt Ion: 69 Resp: 1159866

Ion Ratio Lower Upper

69 100

41 68.3 54.6 81.8

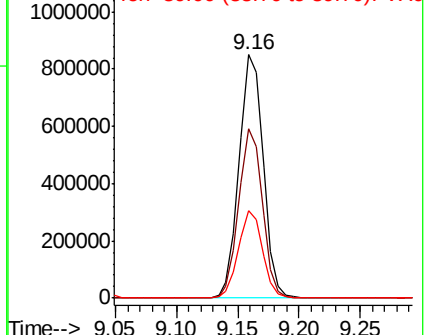
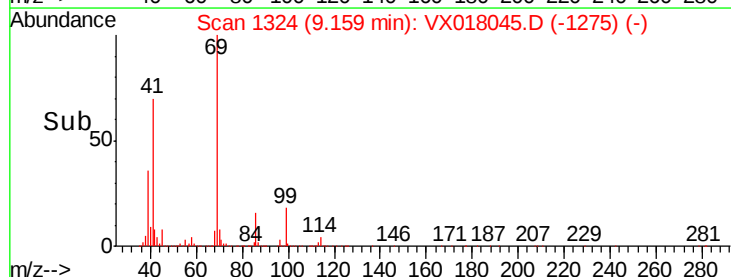
39 35.9 29.1 43.7

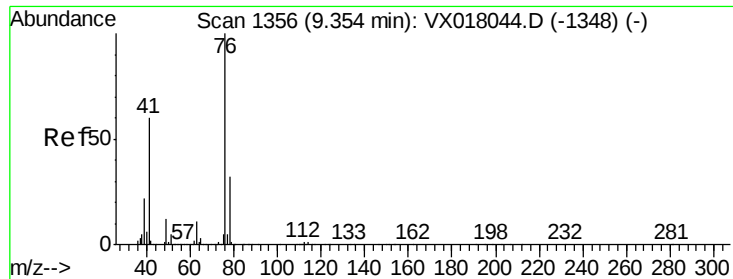


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 102.881 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA\_X

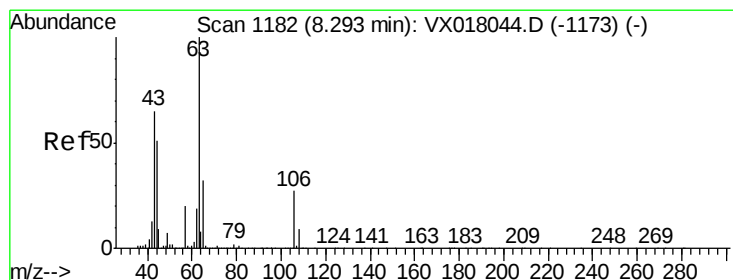
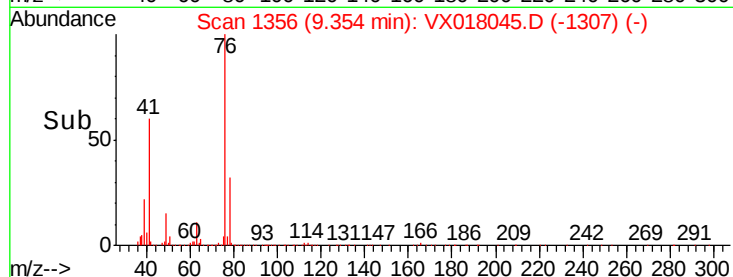
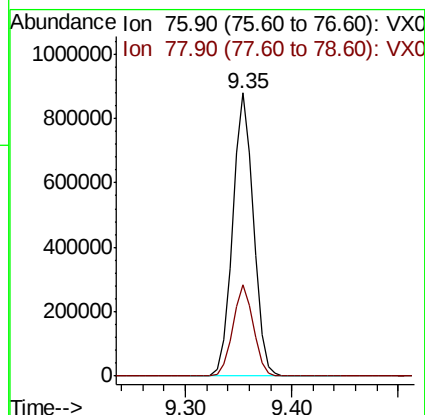
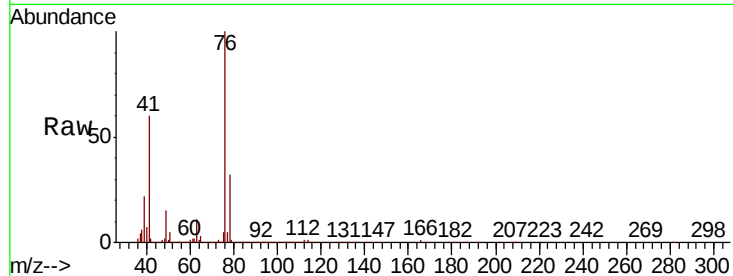
ClientSampleId :

Tot Ion: 76 Resp: 1204310

Ion Ratio Lower Upper

76 100

78 31.8 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 445.057 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018045.D

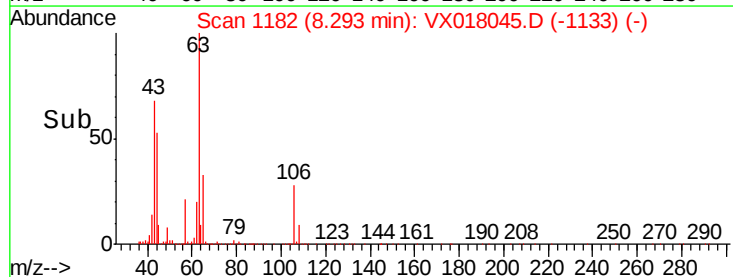
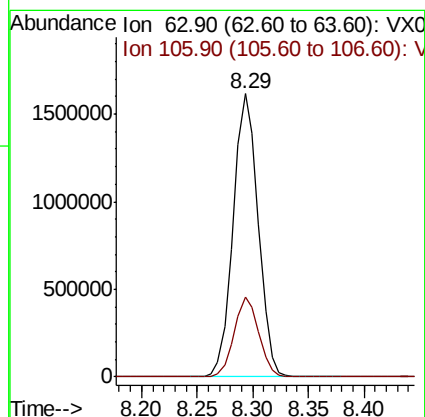
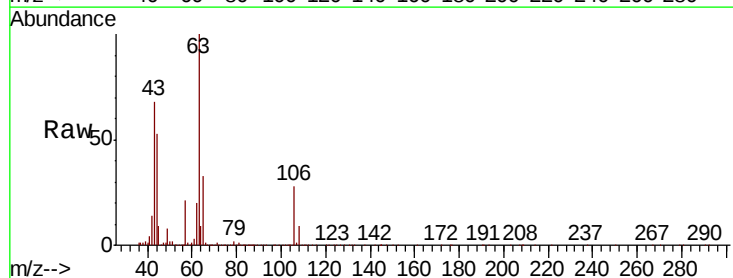
Acq: 20 Aug 2020 20:31

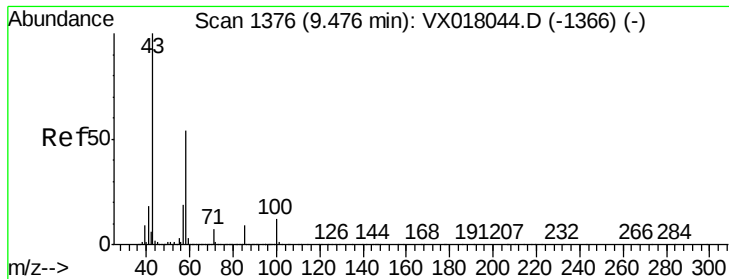
Tgt Ion: 63 Resp: 2509667

Ion Ratio Lower Upper

63 100

106 27.8 22.1 33.1

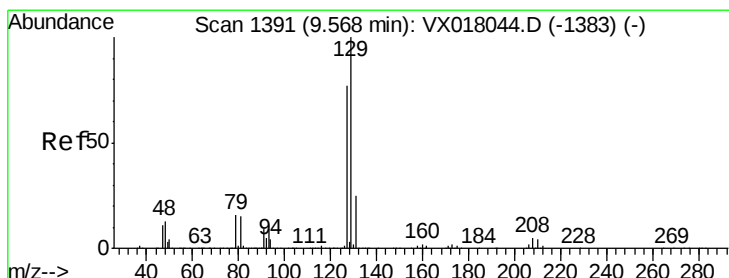
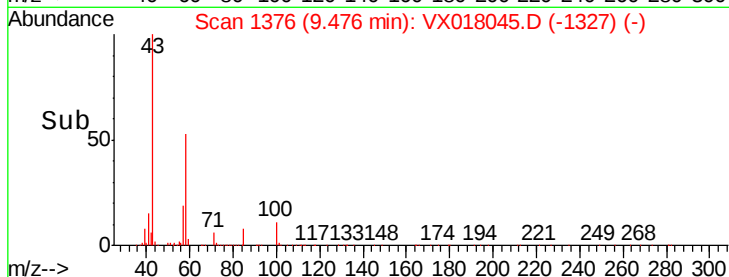
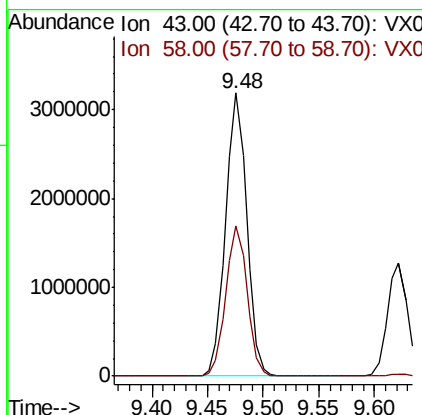
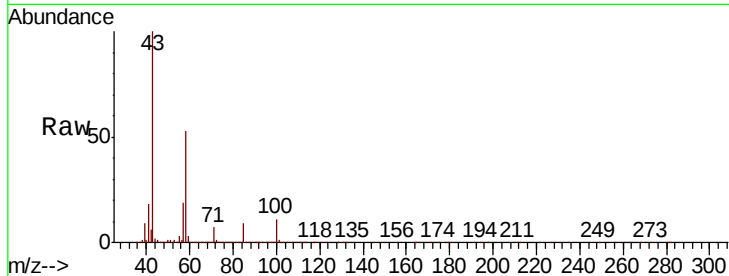




#59  
2-Hexanone  
Concen: 510.397 ug/l  
RT: 9.48 min Scan# 1376  
Delta R.T. -0.00 min  
Lab File: VX018045.D  
Acq: 20 Aug 2020 20:31

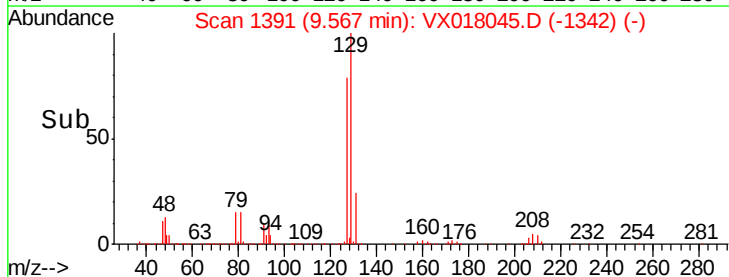
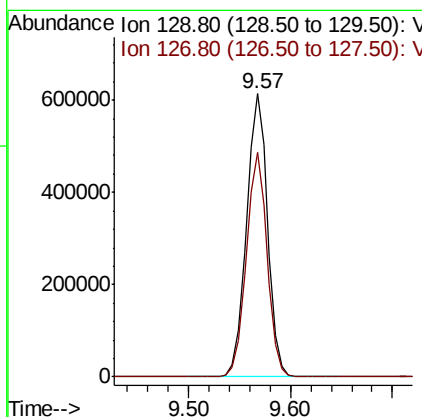
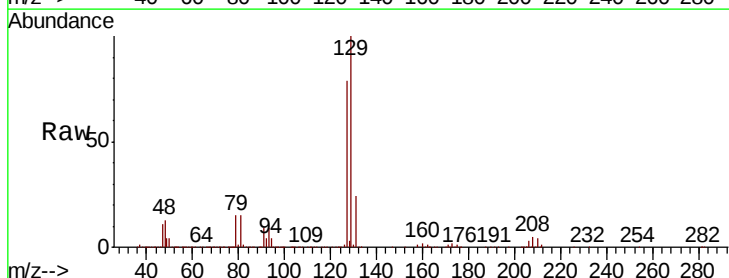
Instrument :  
MSVOA\_X  
ClientSampleId :

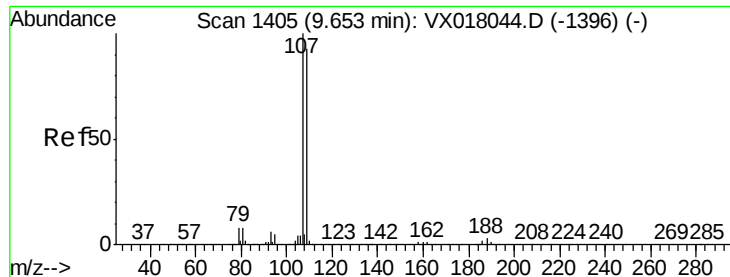
Tot Ion: 43 Resp: 4216953  
Ion Ratio Lower Upper  
43 100  
58 53.5 26.6 79.7



#60  
Dibromochloromethane  
Concen: 116.908 ug/l  
RT: 9.57 min Scan# 1391  
Delta R.T. -0.00 min  
Lab File: VX018045.D  
Acq: 20 Aug 2020 20:31

Tgt Ion: 129 Resp: 878775  
Ion Ratio Lower Upper  
129 100  
127 78.2 38.9 116.6





#61

1,2-Dibromoethane

Concen: 108.406 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA\_X

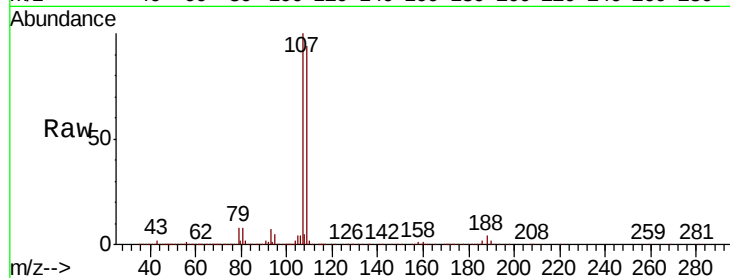
ClientSampleId :

Tot Ion:107 Resp: 792356

Ion Ratio Lower Upper

107 100

109 94.3 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

600000

500000

400000

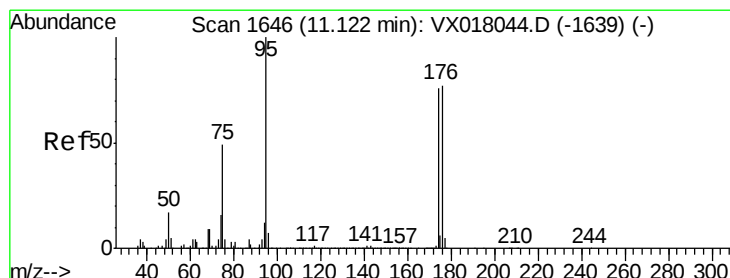
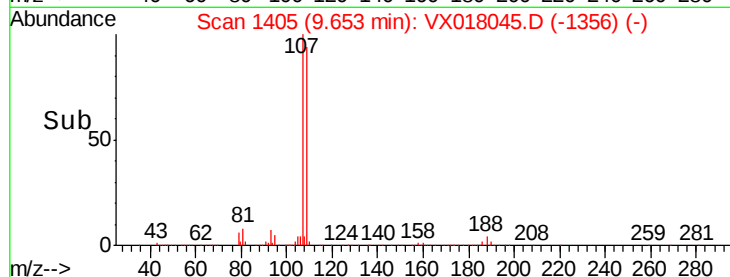
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 107.585 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

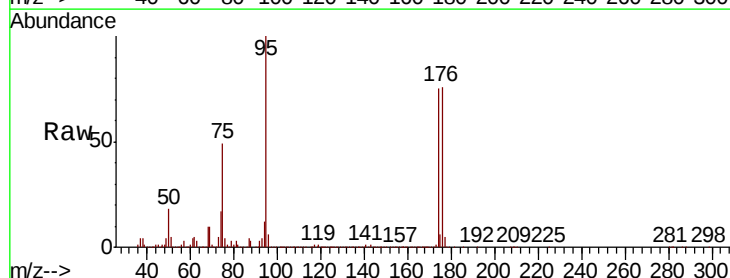
Tgt Ion: 95 Resp: 970036

Ion Ratio Lower Upper

95 100

174 79.2 0.0 160.2

176 77.2 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

1000000

800000

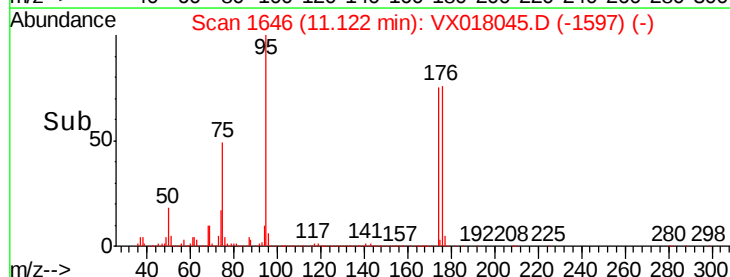
600000

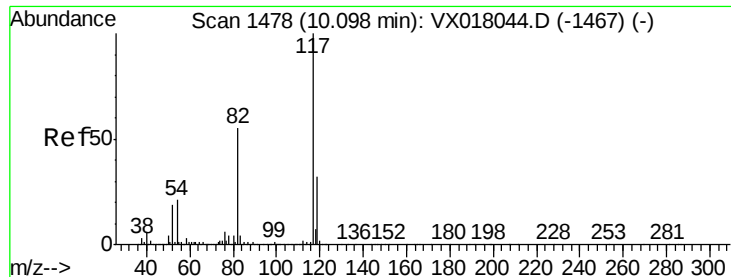
400000

200000

0

Time-->

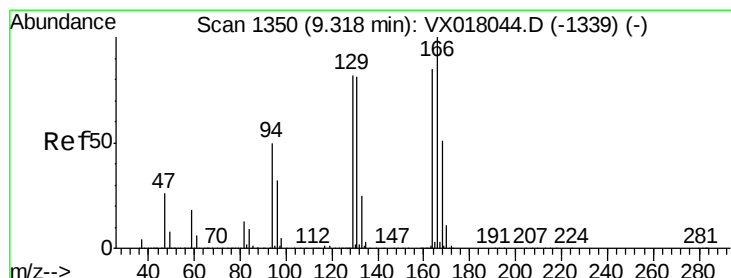
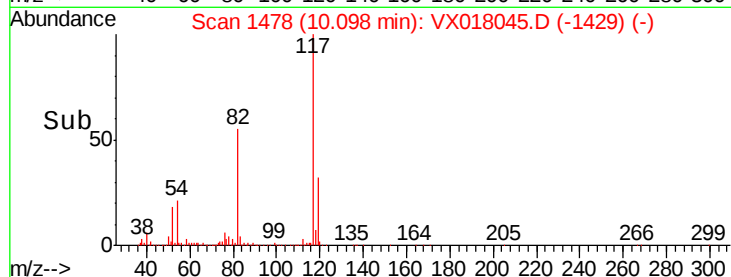
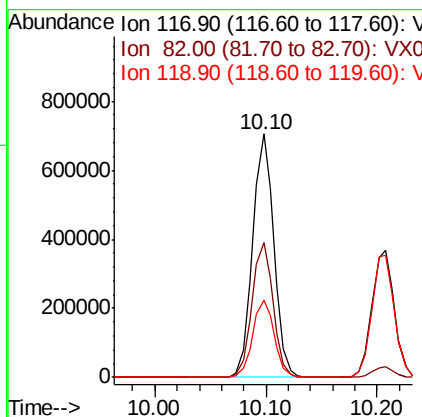
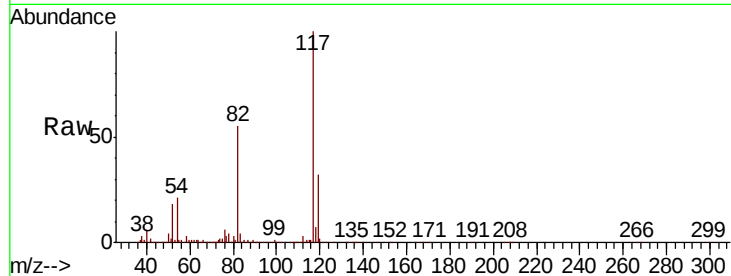




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. -0.00 min  
Lab File: VX018045.D  
Acq: 20 Aug 2020 20:31

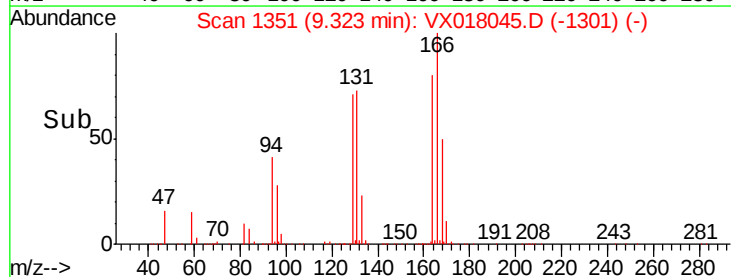
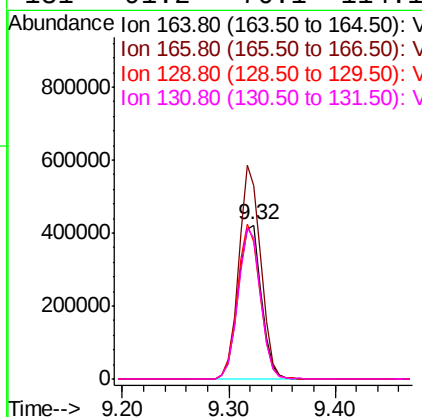
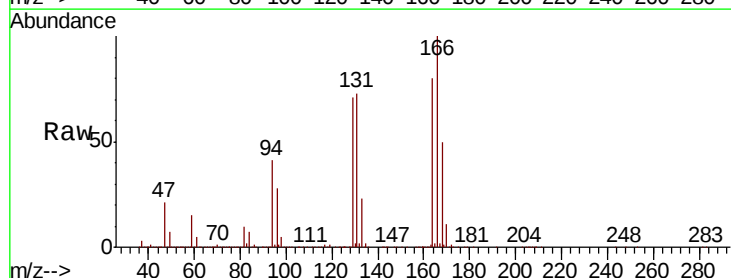
Instrument :  
MSVOA\_X  
ClientSampled :

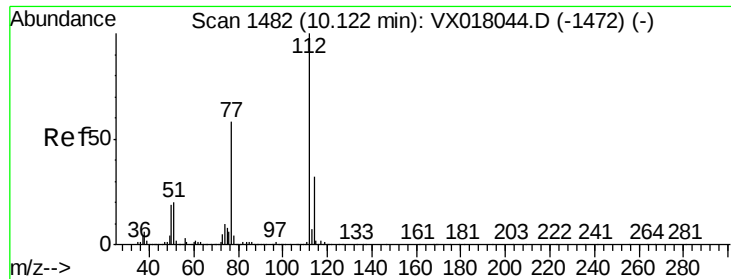
Tot Ion:117 Resp: 936673  
Ion Ratio Lower Upper  
117 100  
82 55.1 44.2 66.2  
119 32.0 25.7 38.5



#64  
Tetrachloroethene  
Concen: 59.897 ug/l  
RT: 9.32 min Scan# 1351  
Delta R.T. 0.01 min  
Lab File: VX018045.D  
Acq: 20 Aug 2020 20:31

Tgt Ion:164 Resp: 645638  
Ion Ratio Lower Upper  
164 100  
166 125.2 94.2 141.2  
129 88.7 76.9 115.3  
131 91.2 76.1 114.1

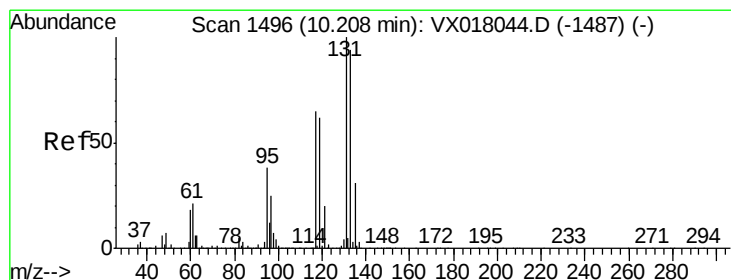
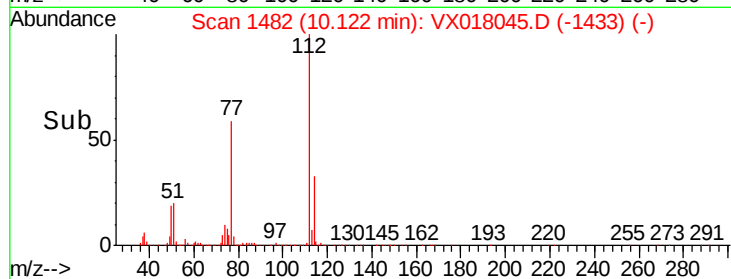
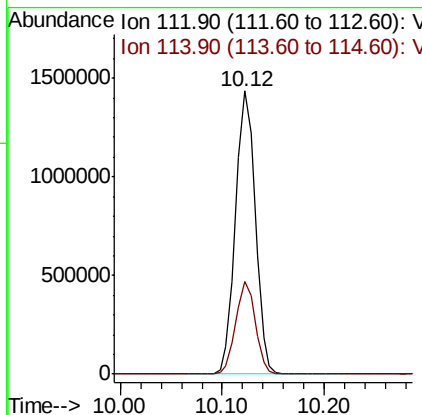
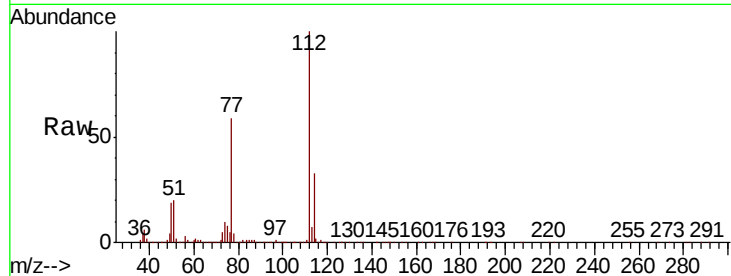




#65  
Chlorobenzene  
Concen: 98.405 ug/l  
RT: 10.12 min Scan# 1482  
Delta R.T. -0.00 min  
Lab File: VX018045.D  
Acq: 20 Aug 2020 20:31

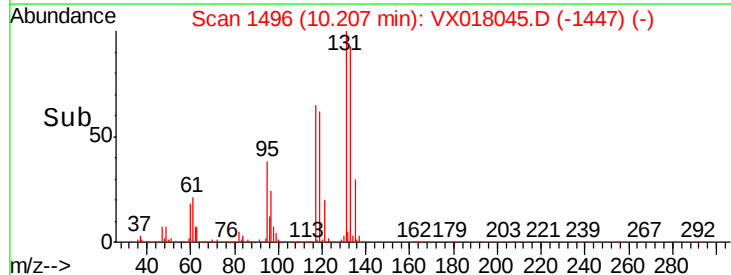
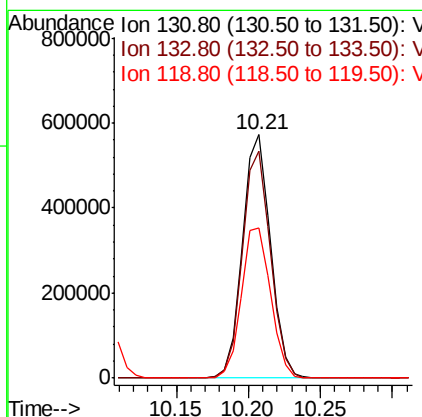
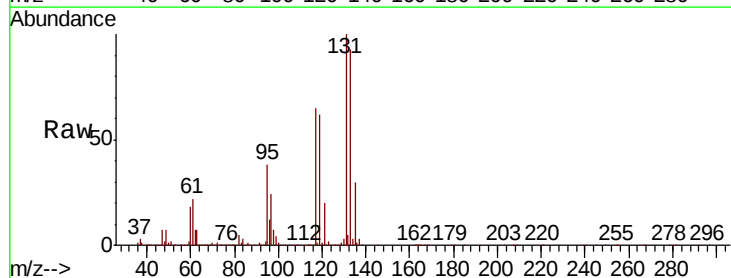
Instrument :  
MSVOA\_X  
ClientSampleId :

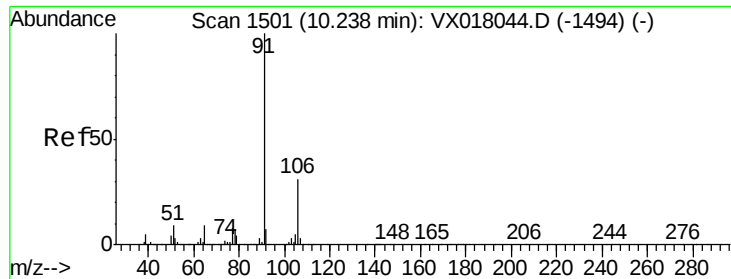
Tot Ion:112 Resp: 1921610  
Ion Ratio Lower Upper  
112 100  
114 32.8 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 105.576 ug/l  
RT: 10.21 min Scan# 1496  
Delta R.T. -0.00 min  
Lab File: VX018045.D  
Acq: 20 Aug 2020 20:31

Tgt Ion:131 Resp: 769302  
Ion Ratio Lower Upper  
131 100  
133 93.9 46.7 140.1  
119 64.5 31.8 95.4





#67

Ethyl Benzene

Concen: 95.593 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA\_X

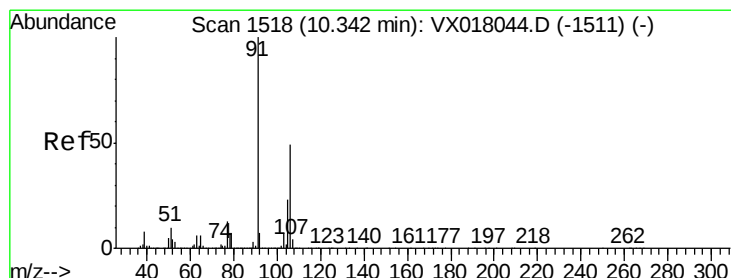
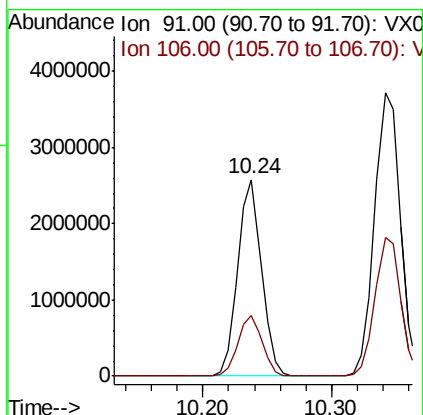
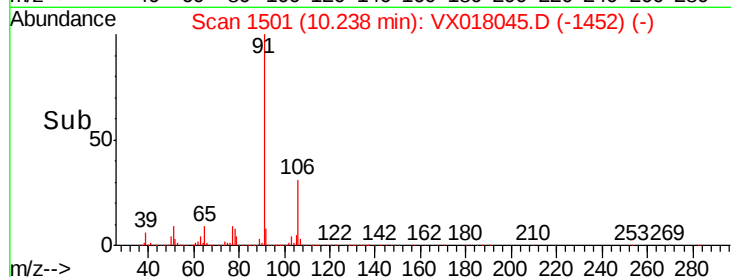
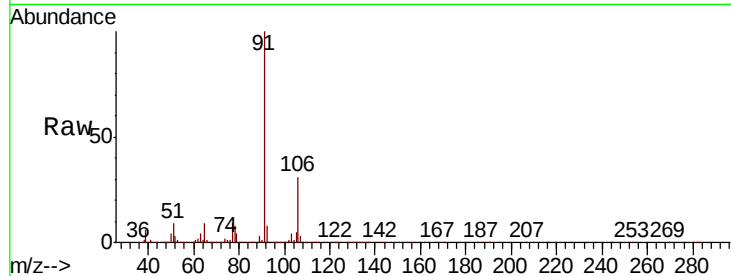
ClientSampleId :

Tot Ion: 91 Resp: 3311164

Ion Ratio Lower Upper

91 100

106 31.0 24.9 37.3



#68

m/p-Xylenes

Concen: 192.519 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018045.D

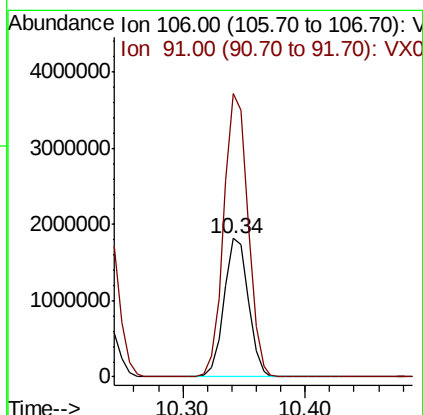
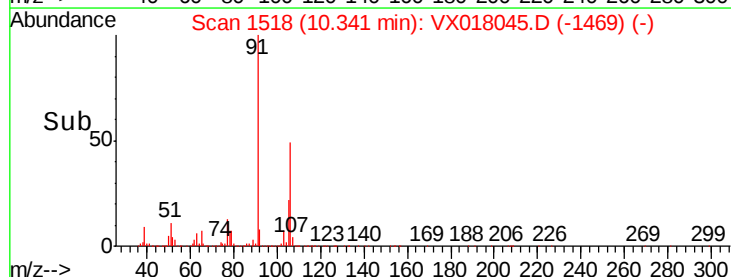
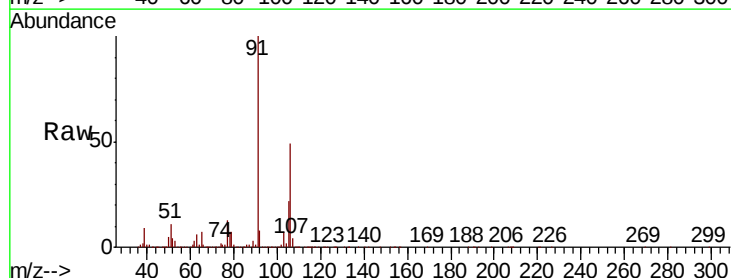
Acq: 20 Aug 2020 20:31

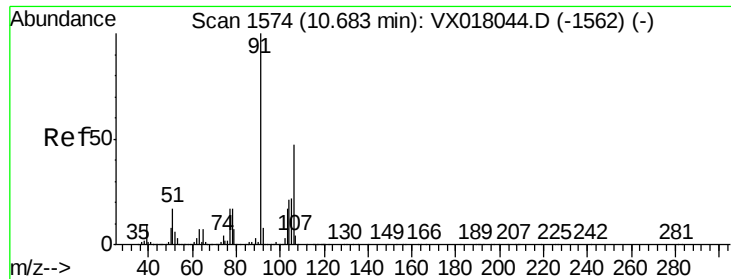
Tgt Ion: 106 Resp: 2499282

Ion Ratio Lower Upper

106 100

91 204.5 162.2 243.2

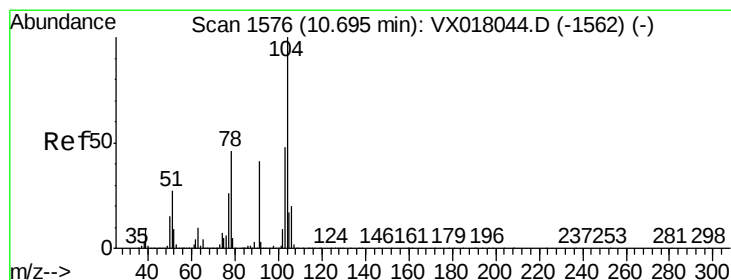
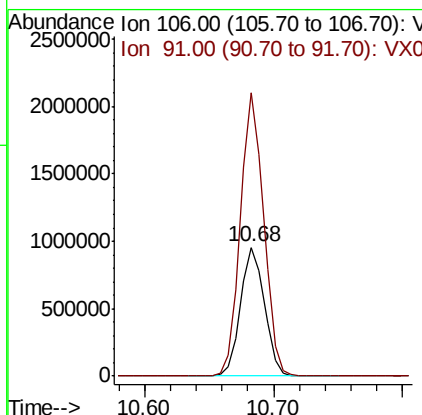
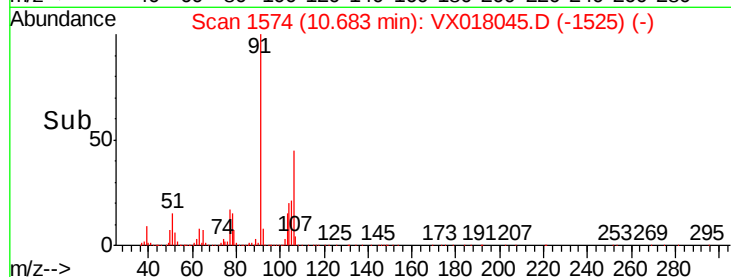
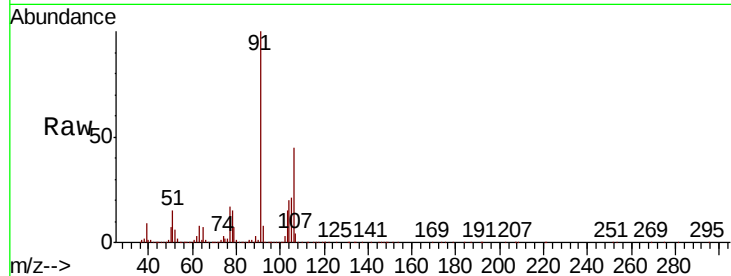




#69  
o-Xylene  
Concen: 98.056 ug/l  
RT: 10.68 min Scan# 1574  
Delta R.T. -0.00 min  
Lab File: VX018045.D  
Acq: 20 Aug 2020 20:31

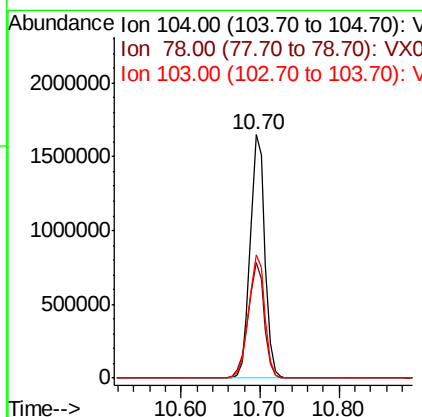
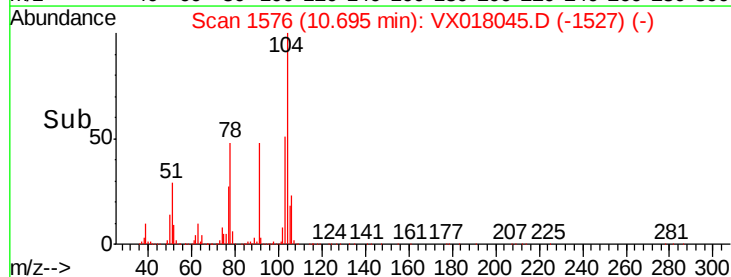
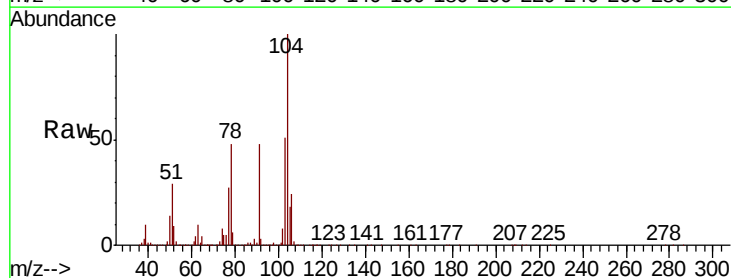
Instrument :  
MSVOA\_X  
ClientSampleId :

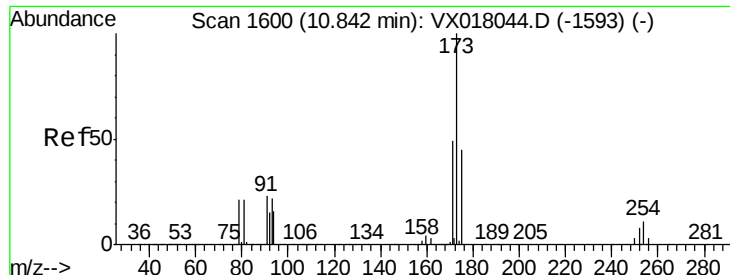
Tot Ion:106 Resp: 1221376  
Ion Ratio Lower Upper  
106 100  
91 215.5 107.1 321.3



#70  
Styrene  
Concen: 100.492 ug/l  
RT: 10.70 min Scan# 1576  
Delta R.T. -0.00 min  
Lab File: VX018045.D  
Acq: 20 Aug 2020 20:31

Tgt Ion:104 Resp: 2130286  
Ion Ratio Lower Upper  
104 100  
78 51.8 40.9 61.3  
103 55.5 43.6 65.4

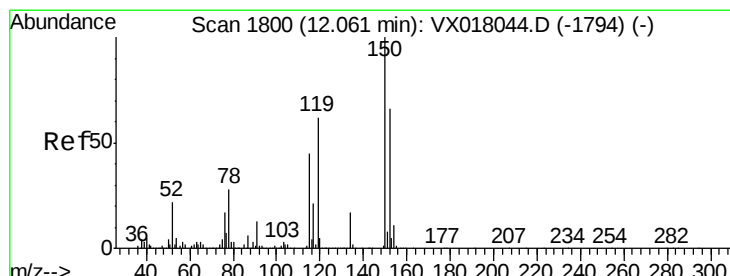
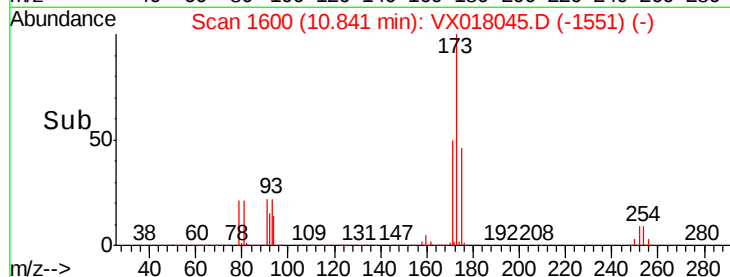
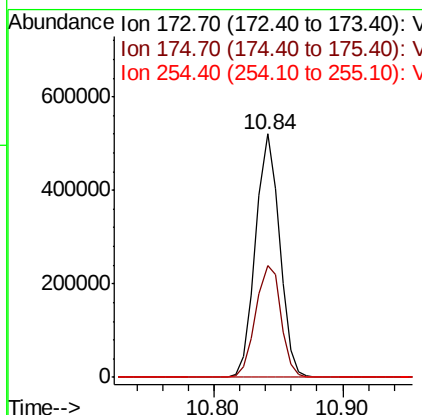
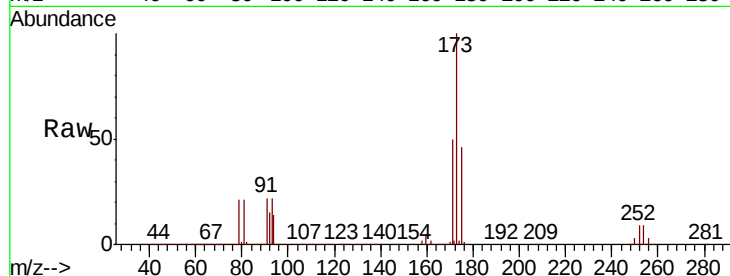




#71  
Bromoform  
Concen: 111.739 ug/l  
RT: 10.84 min Scan# 1600  
Delta R.T. -0.00 min  
Lab File: VX018045.D  
Acq: 20 Aug 2020 20:31

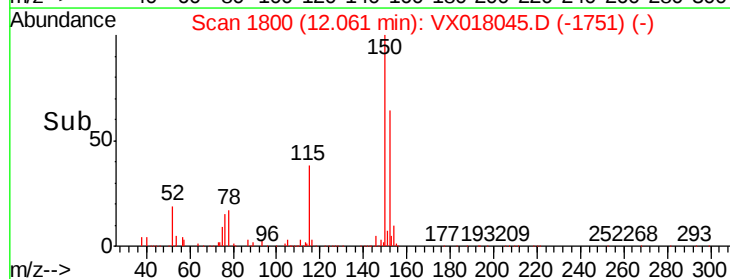
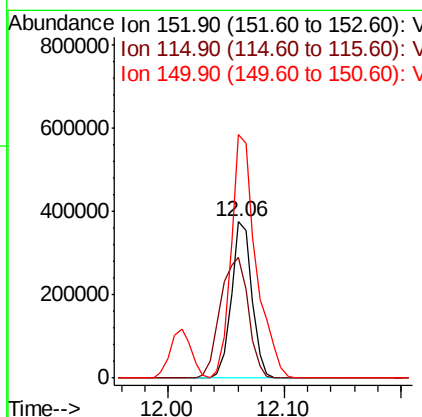
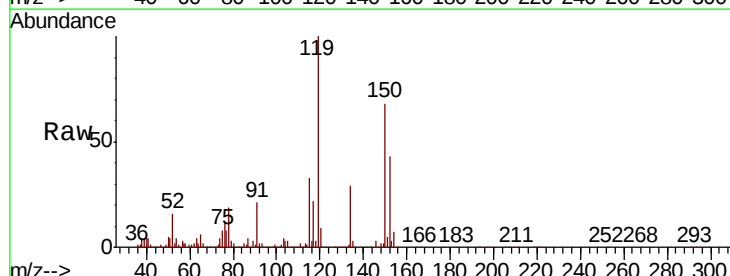
Instrument :  
MSVOA\_X  
ClientSampleId :

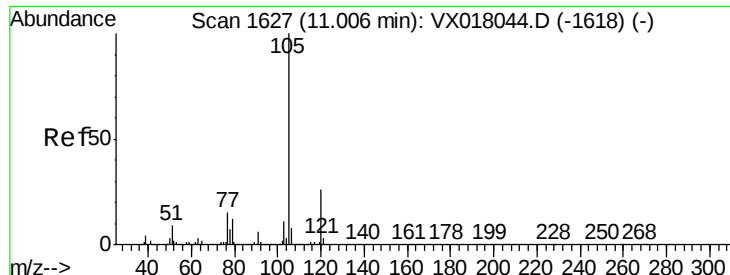
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 48.4  | 23.9  | 71.8  |
| 254     | 0.1   | 0.2   | 0.2#  |



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.06 min Scan# 1800  
Delta R.T. -0.00 min  
Lab File: VX018045.D  
Acq: 20 Aug 2020 20:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 104.4 | 41.5  | 124.5 |
| 150     | 188.9 | 0.0   | 343.8 |





#73

Isopropylbenzene

Concen: 96.705 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA\_X

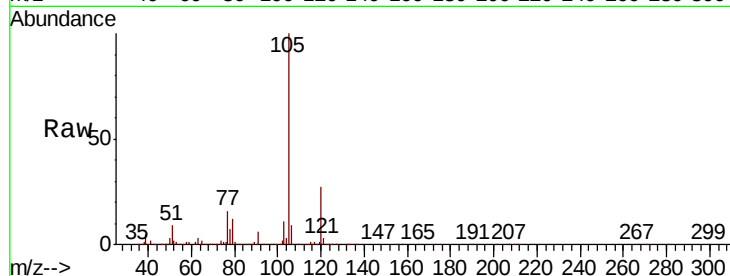
ClientSampleId :

Tot Ion:105 Resp: 3202123

Ion Ratio Lower Upper

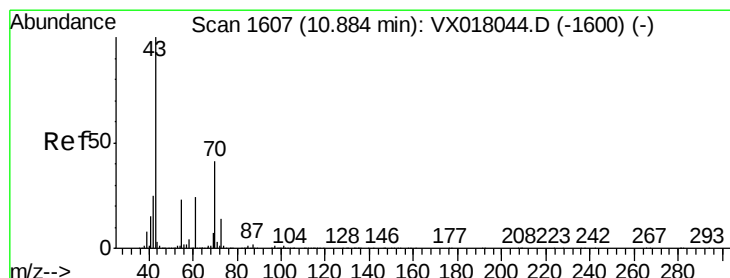
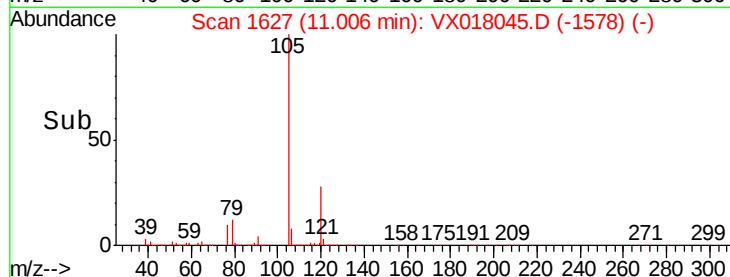
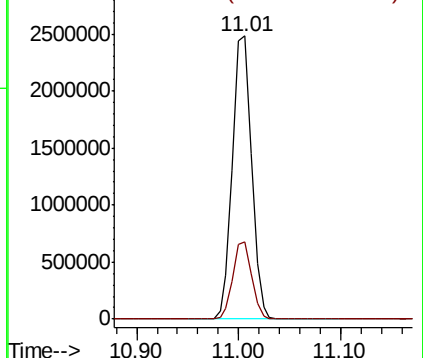
105 100

120 26.9 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 102.937 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Tgt Ion: 43 Resp: 1600074

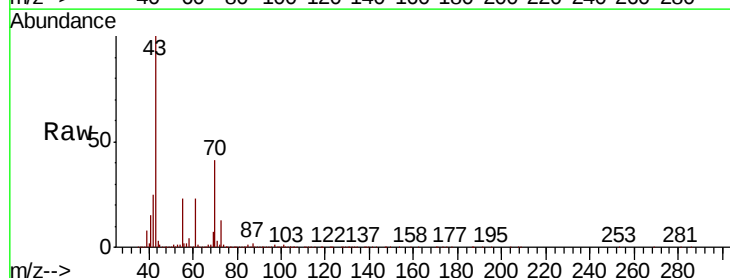
Ion Ratio Lower Upper

43 100

70 40.4 32.3 48.5

55 22.9 18.2 27.2

61 23.8 18.9 28.3

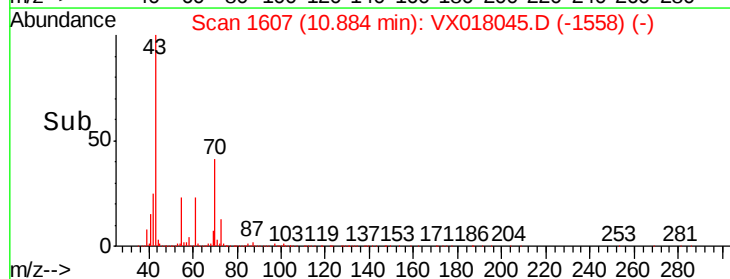
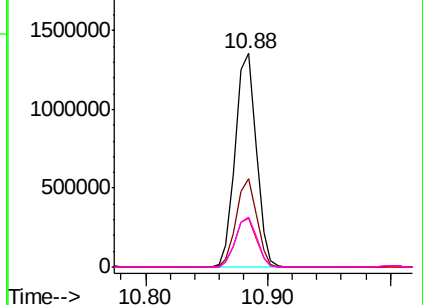


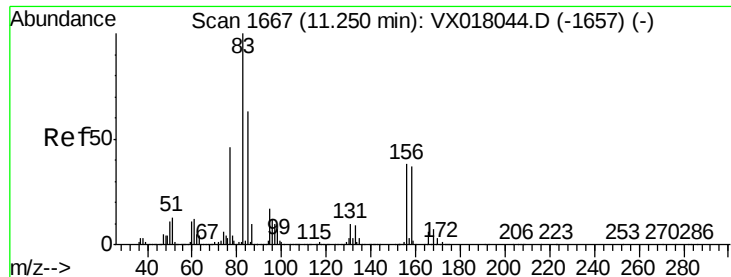
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 163.916 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA\_X

ClientSampleId :

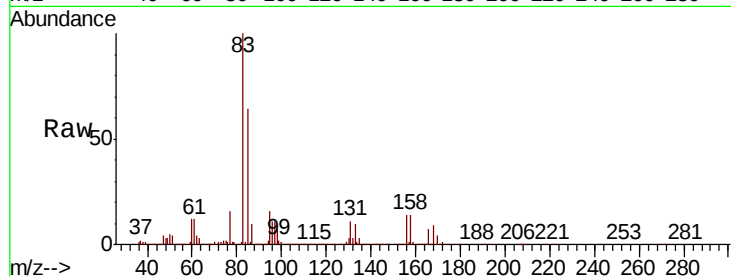
Tot Ion: 83 Resp: 1071376

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.4

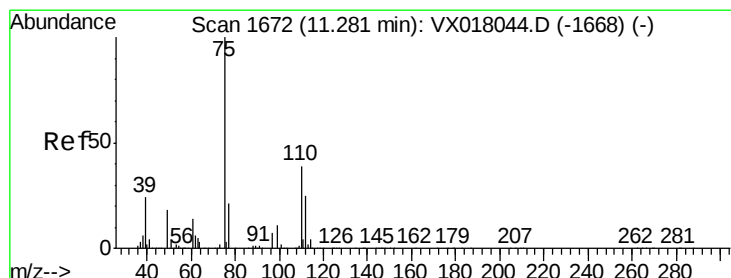
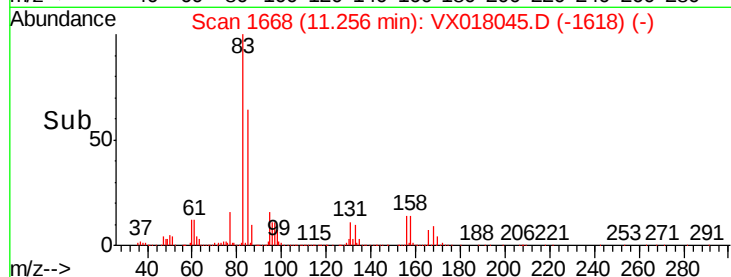
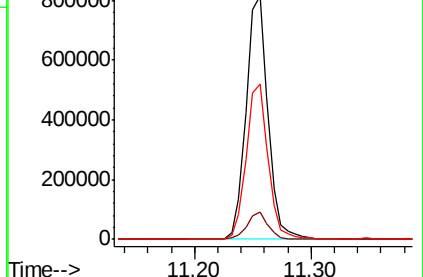
85 64.0 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 130.265 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018045.D

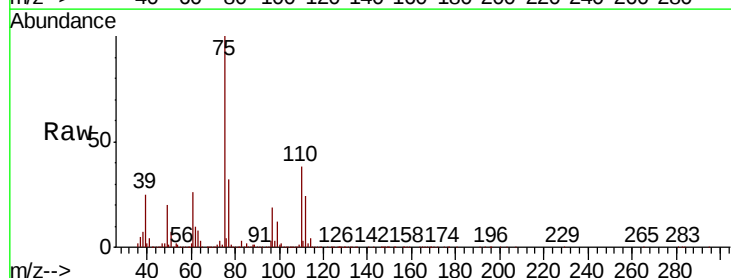
Acq: 20 Aug 2020 20:31

Tgt Ion: 75 Resp: 1349243

Ion Ratio Lower Upper

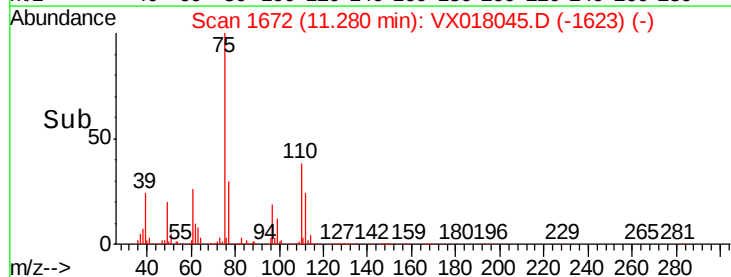
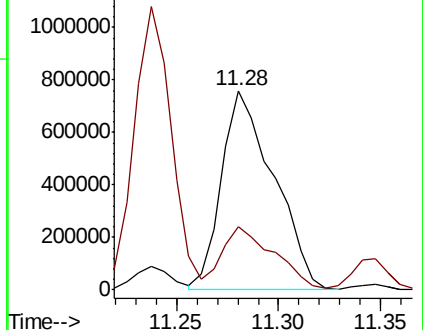
75 100

77 31.5 20.8 62.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 99.043 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA\_X

ClientSampleId :

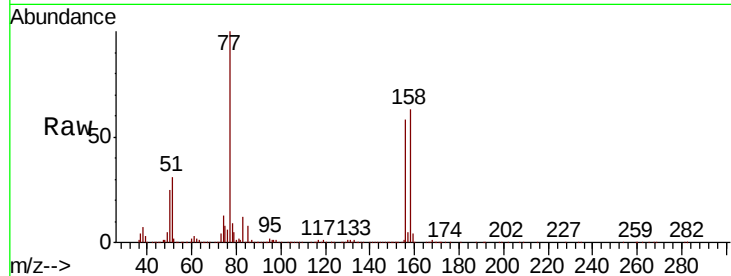
Tot Ion:156 Resp: 852694

Ion Ratio Lower Upper

156 100

77 160.4 80.0 240.2

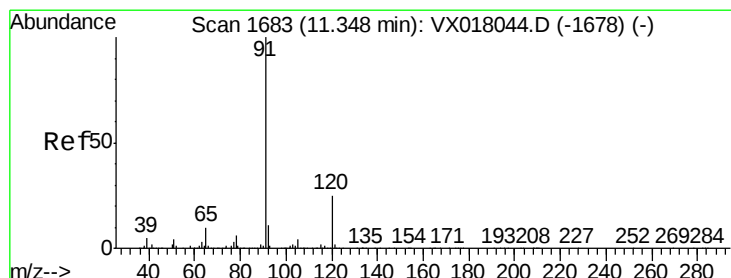
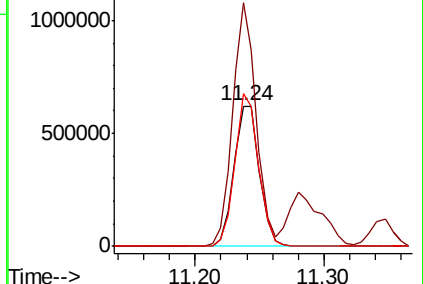
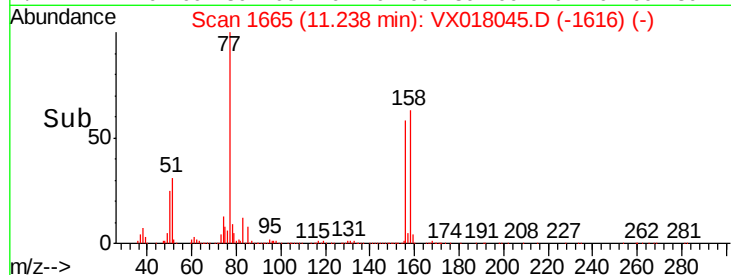
158 101.3 49.5 148.7



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: 96.275 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX018045.D

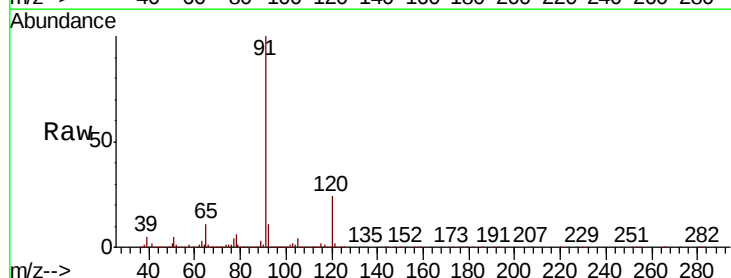
Acq: 20 Aug 2020 20:31

Tgt Ion: 91 Resp: 3699823

Ion Ratio Lower Upper

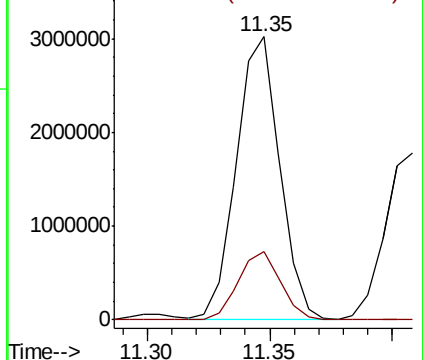
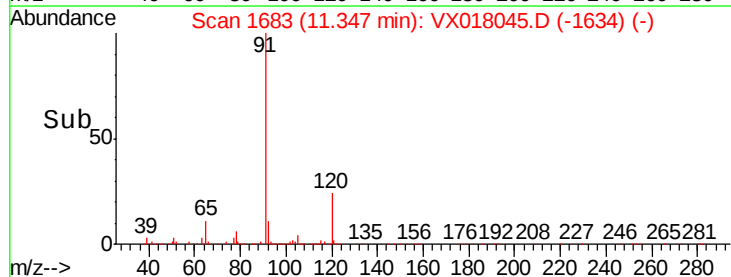
91 100

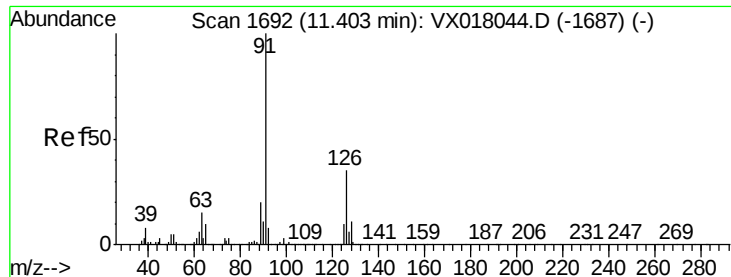
120 23.8 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 97.890 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA\_X

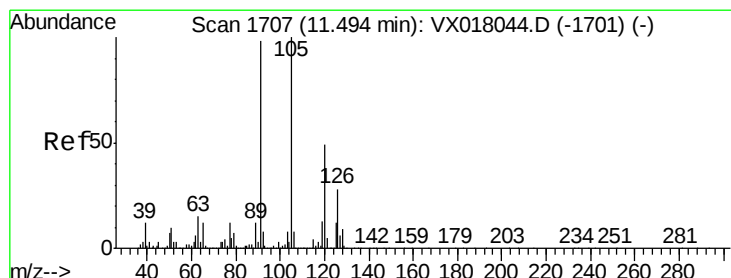
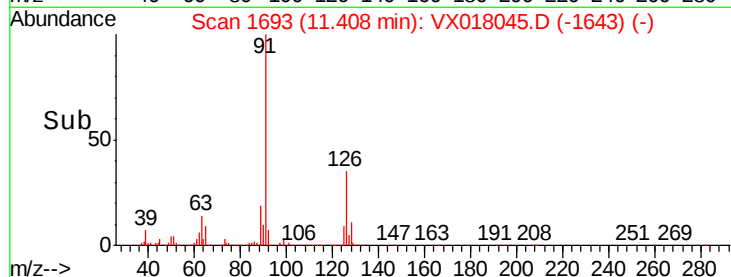
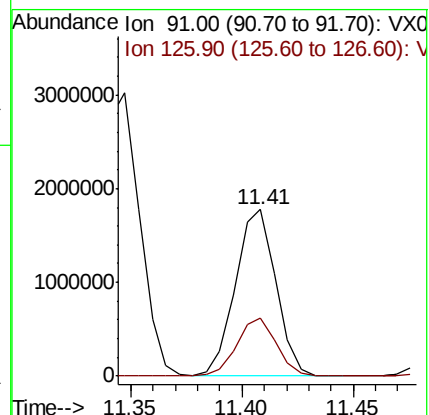
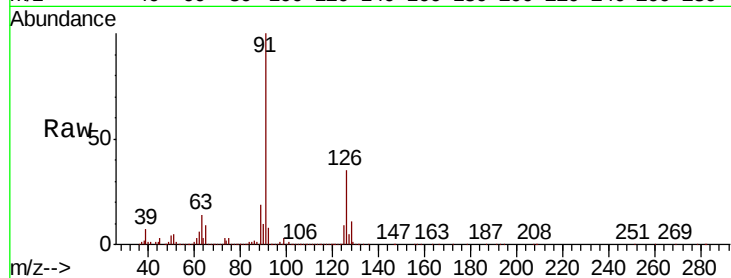
ClientSampleId :

Tot Ion: 91 Resp: 2238941

Ion Ratio Lower Upper

91 100

126 34.3 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 96.312 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018045.D

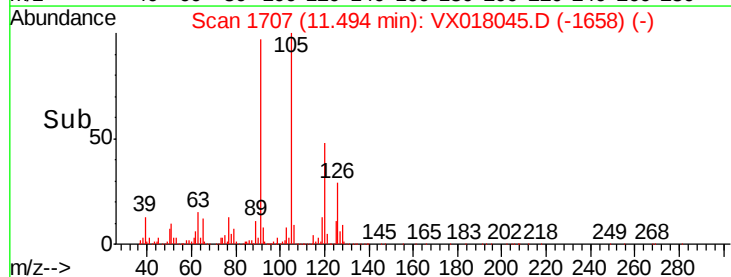
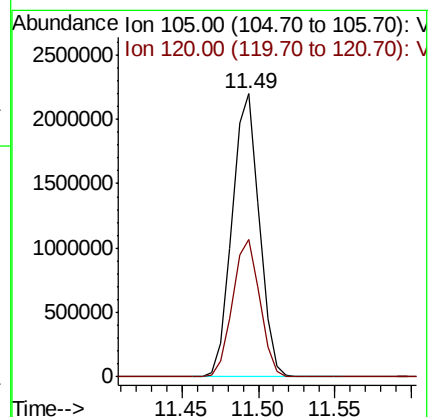
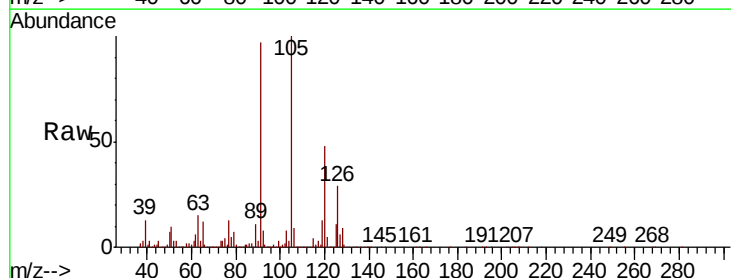
Acq: 20 Aug 2020 20:31

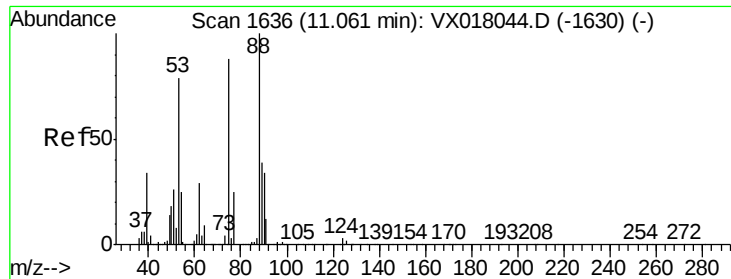
Tgt Ion:105 Resp: 2693916

Ion Ratio Lower Upper

105 100

120 48.7 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 95.796 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA\_X

ClientSampleId :

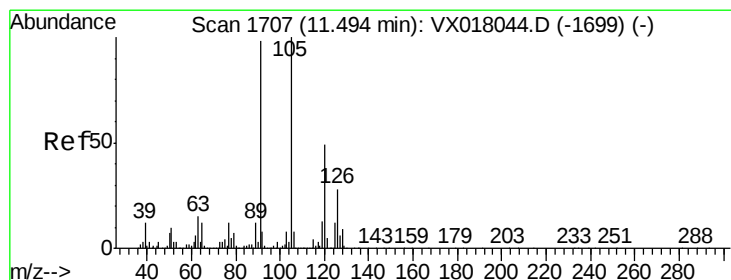
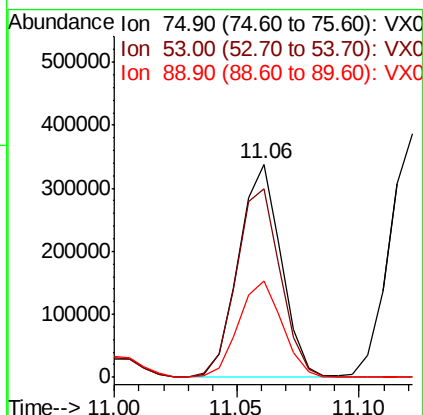
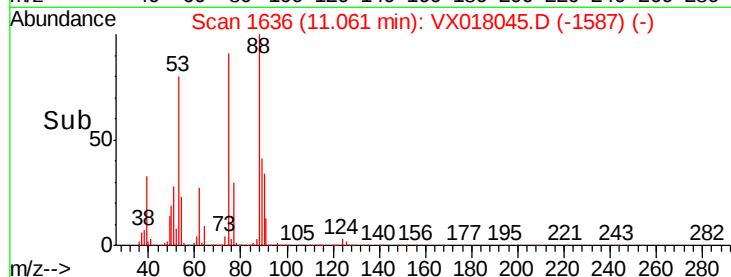
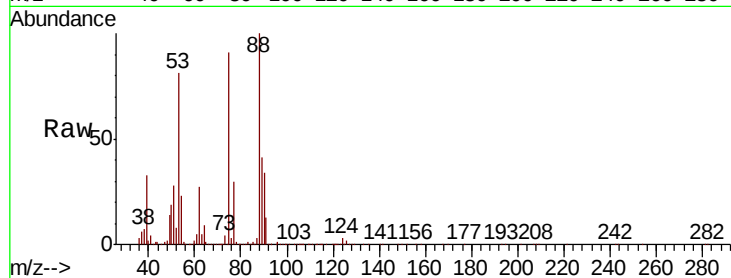
Tot Ion: 75 Resp: 407204

Ion Ratio Lower Upper

75 100

53 91.7 74.7 112.1

89 46.3 36.6 54.8



#82

4-Chlorotoluene

Concen: 97.658 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018045.D

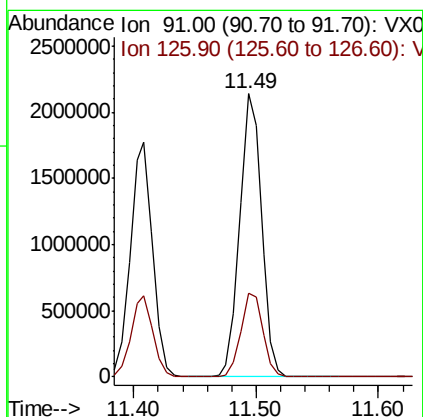
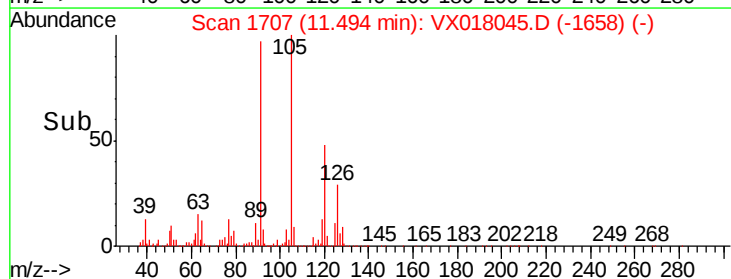
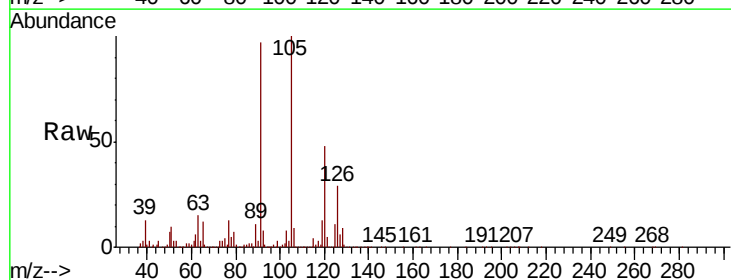
Acq: 20 Aug 2020 20:31

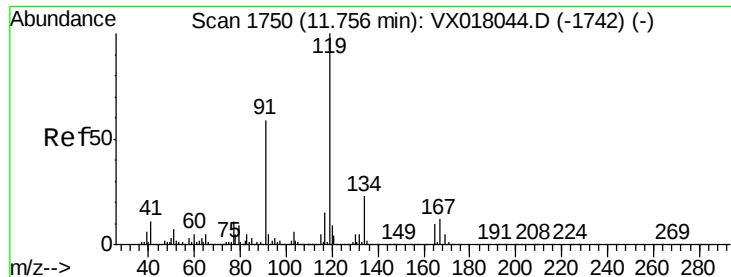
Tgt Ion: 91 Resp: 2634019

Ion Ratio Lower Upper

91 100

126 29.9 15.1 45.3

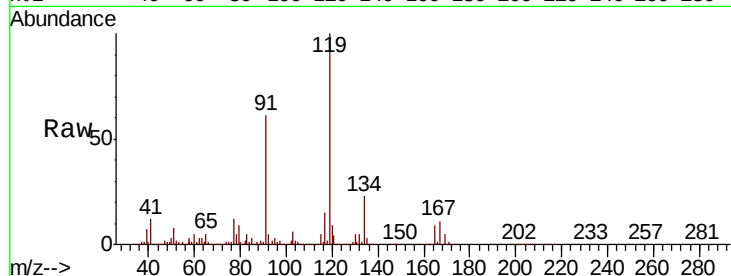




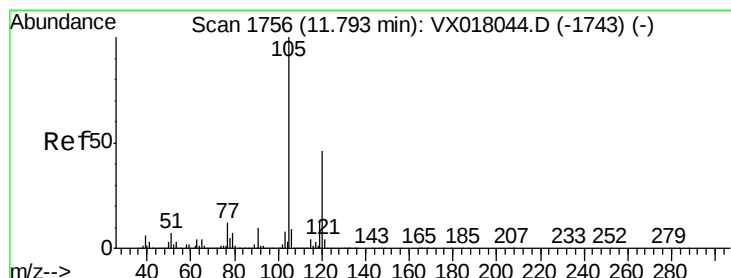
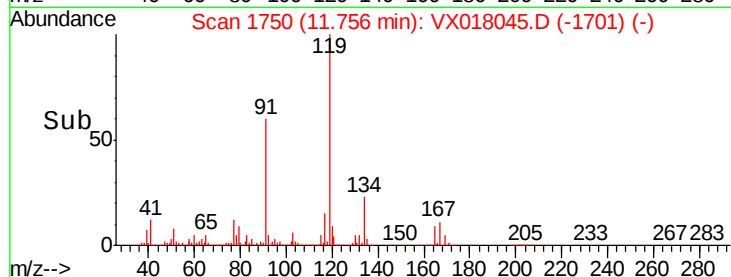
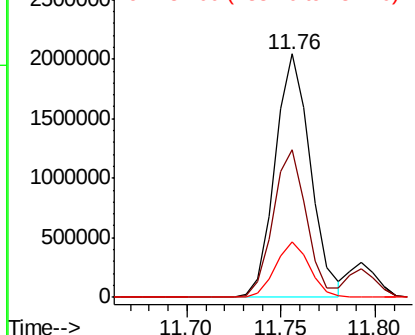
#83  
 tert-Butylbenzene  
 Concen: 107.858 ug/l  
 RT: 11.76 min Scan# 1750  
 Delta R.T. -0.00 min  
 Lab File: VX018045.D  
 Acq: 20 Aug 2020 20:31

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Tot Ion:119 Resp: 2651755  
 Ion Ratio Lower Upper  
 119 100  
 91 58.0 28.2 84.7  
 134 21.9 11.3 33.8

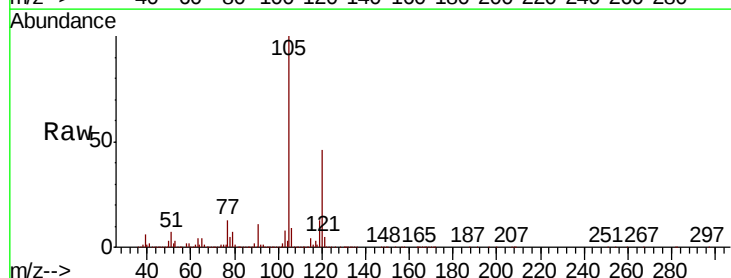


Abundance Ion 119.00 (118.70 to 119.70): V  
 Ion 91.00 (90.70 to 91.70): VX0  
 Ion 134.00 (133.70 to 134.70): V

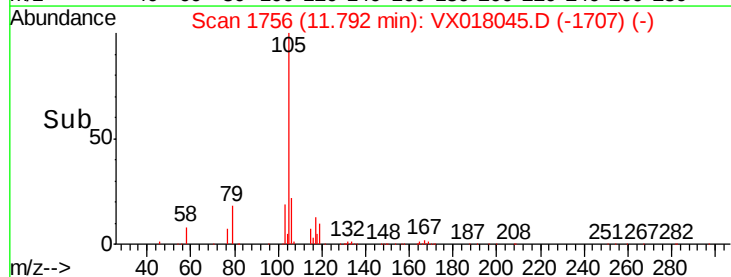
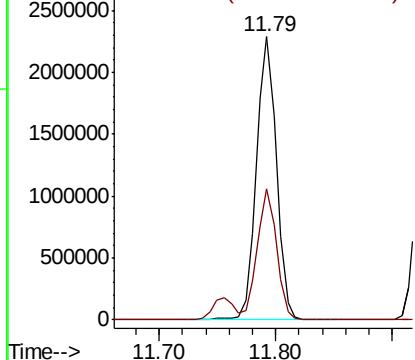


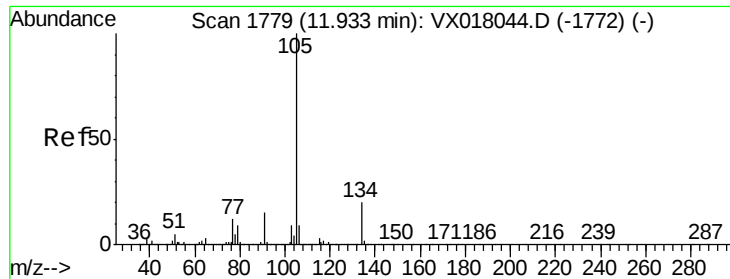
#84  
 1,2,4-Trimethylbenzene  
 Concen: 97.020 ug/l  
 RT: 11.79 min Scan# 1756  
 Delta R.T. -0.00 min  
 Lab File: VX018045.D  
 Acq: 20 Aug 2020 20:31

Tgt Ion:105 Resp: 2746080  
 Ion Ratio Lower Upper  
 105 100  
 120 45.2 22.3 66.9



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

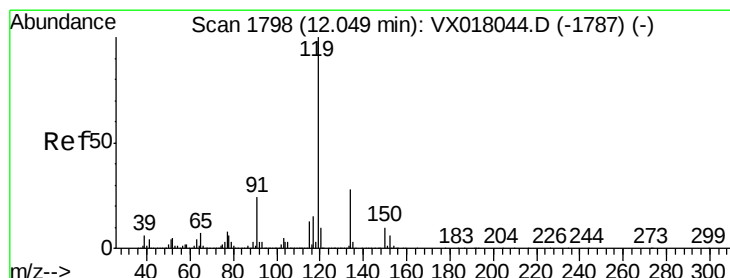
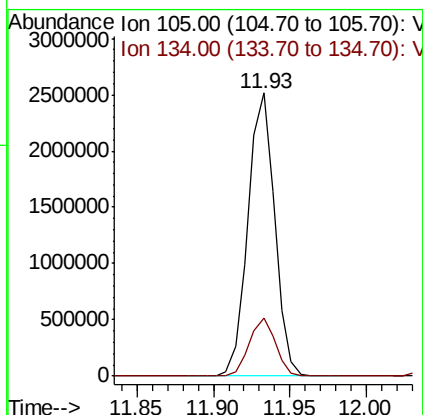
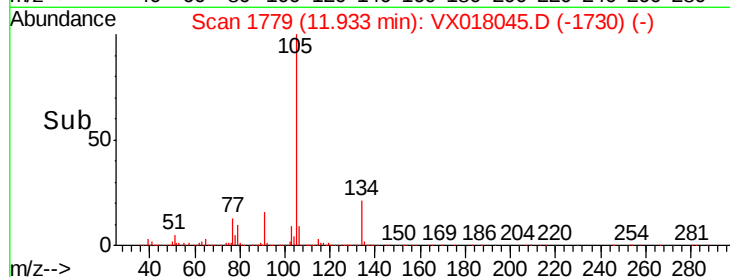
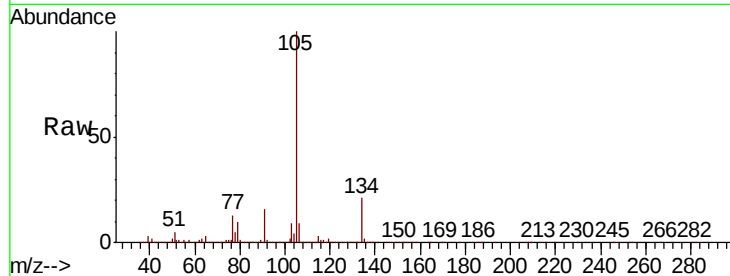




#85  
 sec-Butylbenzene  
 Concen: 94.034 ug/l  
 RT: 11.93 min Scan# 1779  
 Delta R.T. -0.00 min  
 Lab File: VX018045.D  
 Acq: 20 Aug 2020 20:31

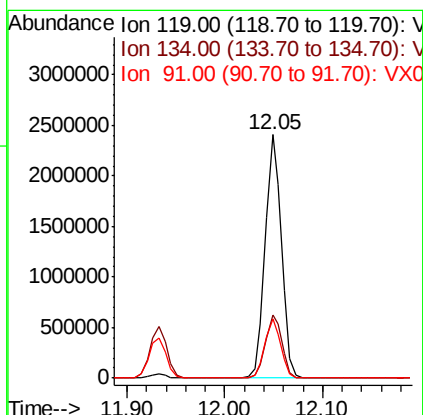
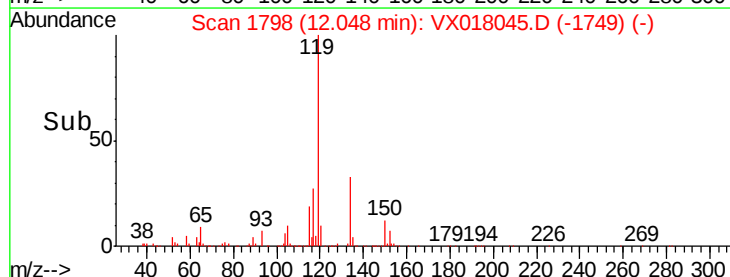
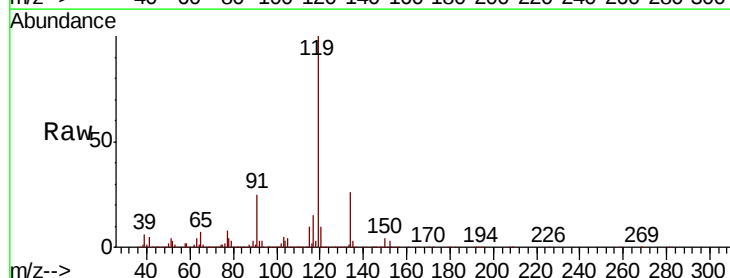
Instrument :  
 MSVOA\_X  
 ClientSampleId :

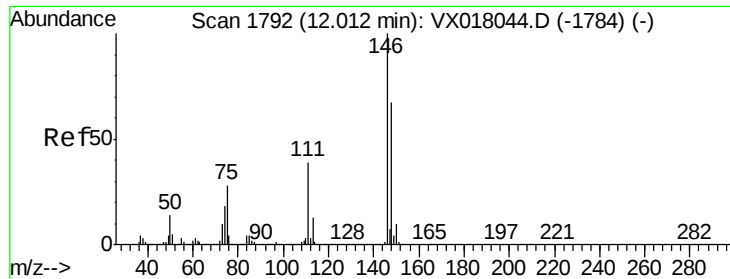
Tot Ion:105 Resp: 3040426  
 Ion Ratio Lower Upper  
 105 100  
 134 20.4 10.1 30.3



#86  
 p-Isopropyltoluene  
 Concen: 93.412 ug/l  
 RT: 12.05 min Scan# 1798  
 Delta R.T. -0.00 min  
 Lab File: VX018045.D  
 Acq: 20 Aug 2020 20:31

Tgt Ion:119 Resp: 2803855  
 Ion Ratio Lower Upper  
 119 100  
 134 26.5 13.2 39.5  
 91 24.1 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 98.146 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA\_X

ClientSampleId :

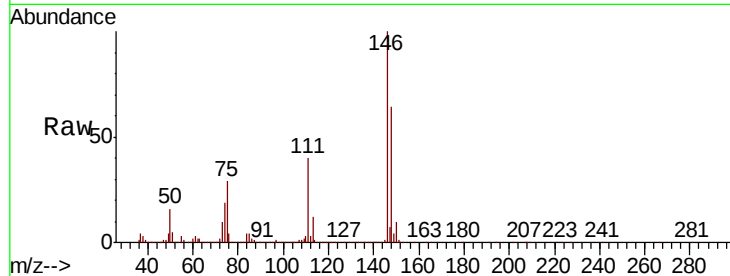
Tot Ion:146 Resp: 1511455

Ion Ratio Lower Upper

146 100

111 39.7 20.6 61.8

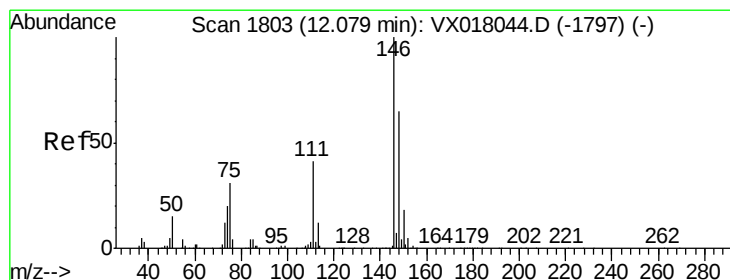
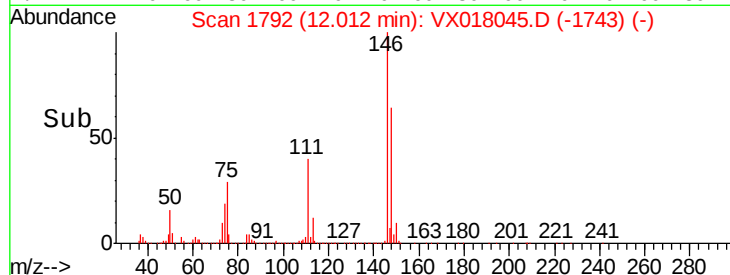
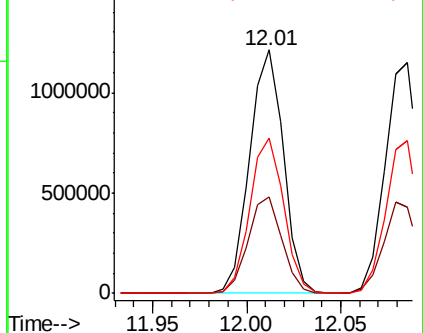
148 63.7 33.1 99.2



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: 94.166 ug/l

RT: 12.09 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

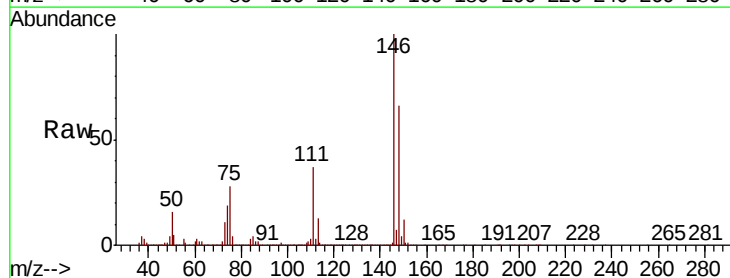
Tgt Ion:146 Resp: 1470107

Ion Ratio Lower Upper

146 100

111 39.4 20.3 60.8

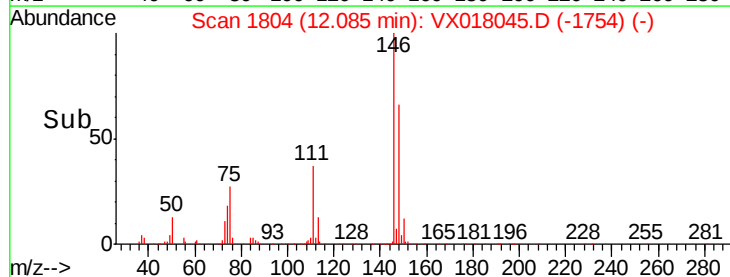
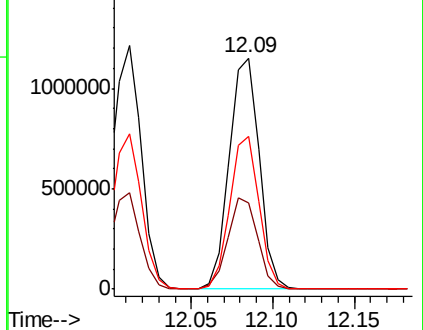
148 64.4 33.1 99.2



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

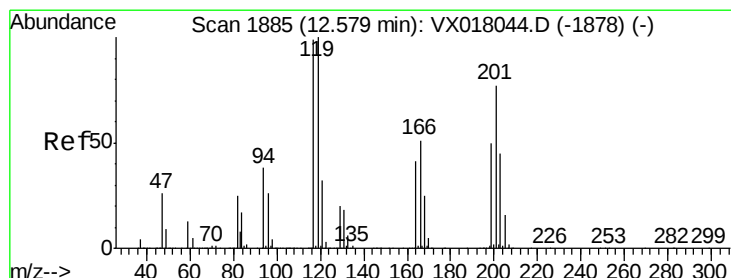
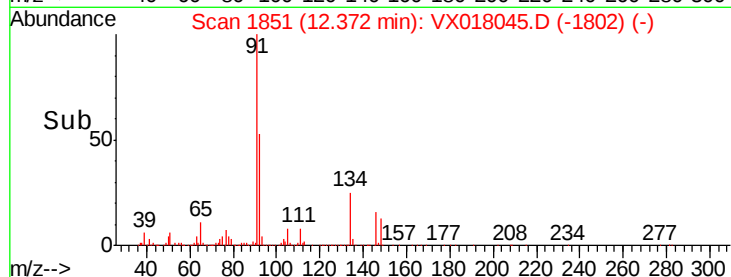
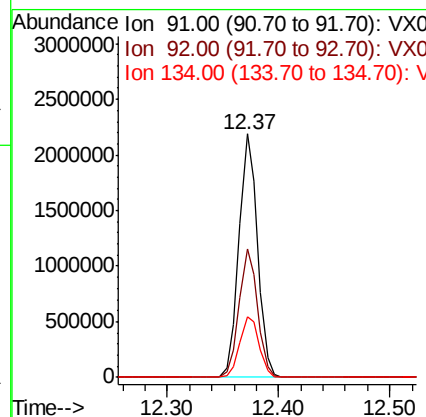
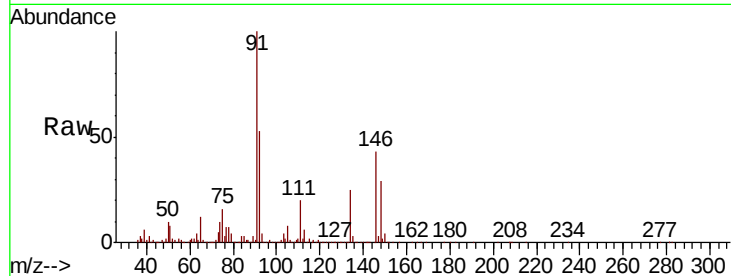




#89  
n-Butylbenzene  
Concen: 92.138 ug/l  
RT: 12.37 min Scan# 1851  
Delta R.T. -0.00 min  
Lab File: VX018045.D  
Acq: 20 Aug 2020 20:31

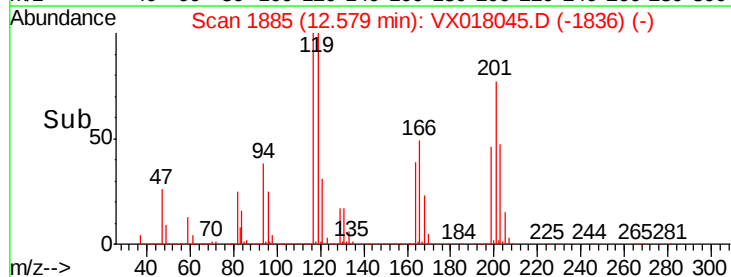
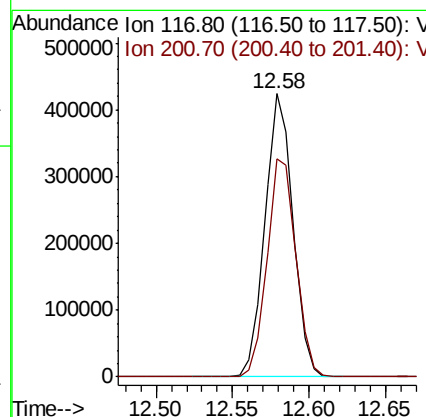
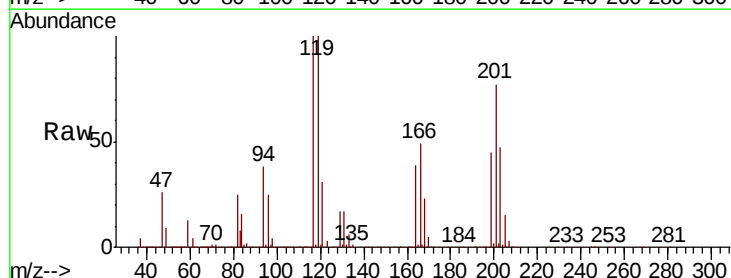
Instrument :  
MSVOA\_X  
ClientSampled :

Tot Ion: 91 Resp: 2521435  
Ion Ratio Lower Upper  
91 100  
92 52.5 26.4 79.2  
134 26.0 12.9 38.7



#90  
Hexachloroethane  
Concen: 103.901 ug/l  
RT: 12.58 min Scan# 1885  
Delta R.T. -0.00 min  
Lab File: VX018045.D  
Acq: 20 Aug 2020 20:31

Tgt Ion: 117 Resp: 542930  
Ion Ratio Lower Upper  
117 100  
201 79.4 38.5 115.3





#91

1,2-Dichlorobenzene

Concen: 95.648 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA\_X

ClientSampleId :

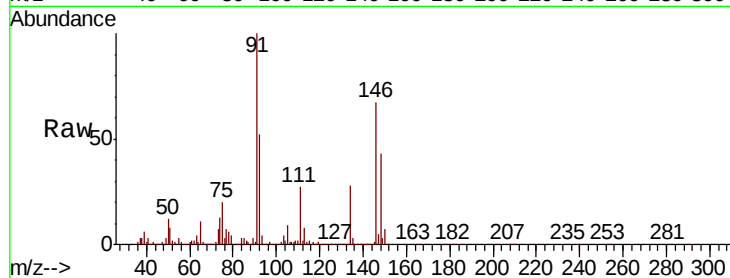
Tot Ion:146 Resp: 1421975

Ion Ratio Lower Upper

146 100

111 42.2 20.8 62.5

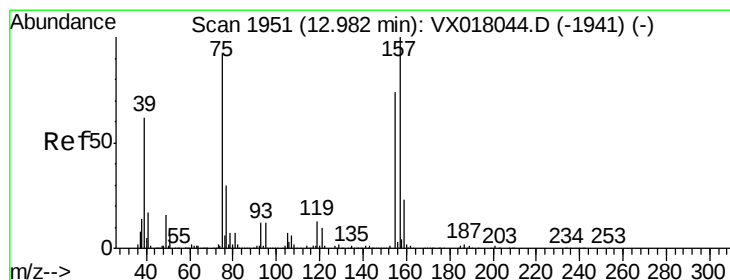
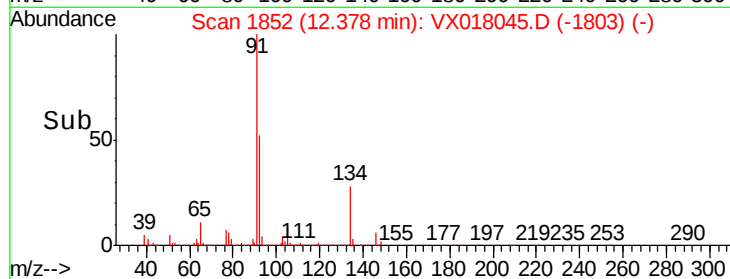
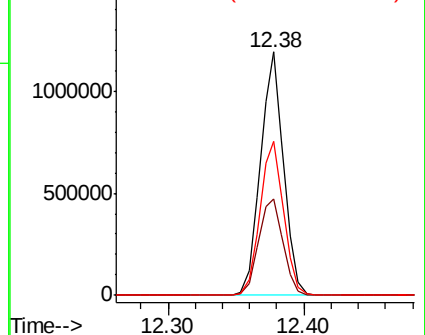
148 64.6 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 102.258 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

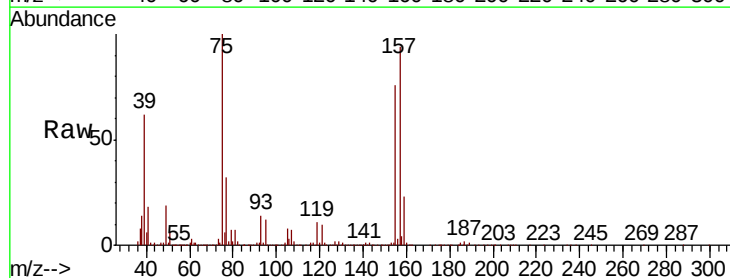
Tgt Ion: 75 Resp: 279630

Ion Ratio Lower Upper

75 100

155 83.9 40.2 120.6

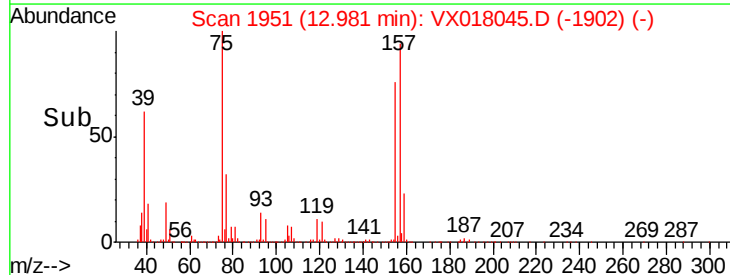
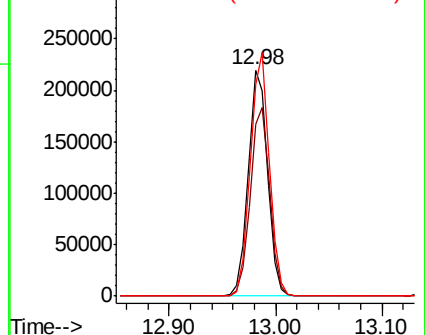
157 105.9 55.0 165.2

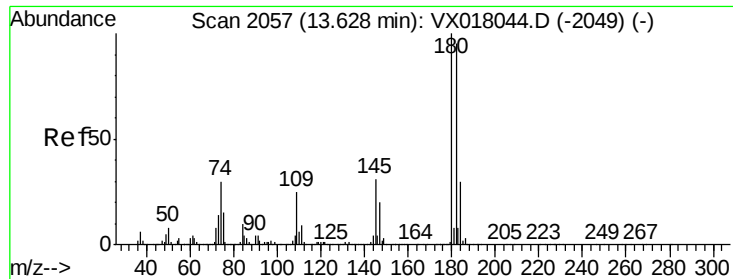


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

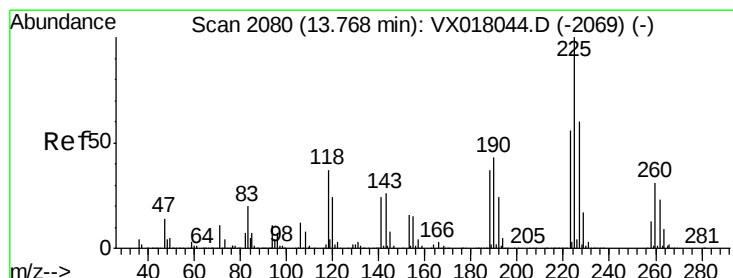
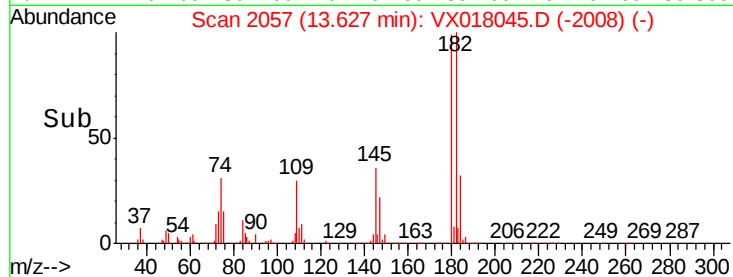
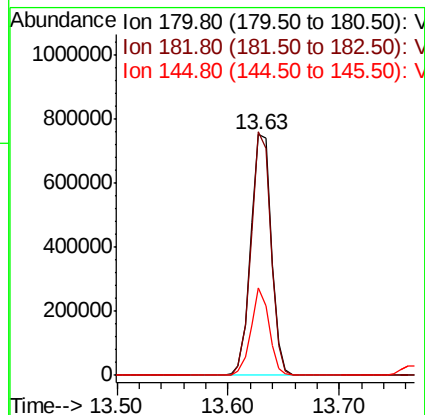
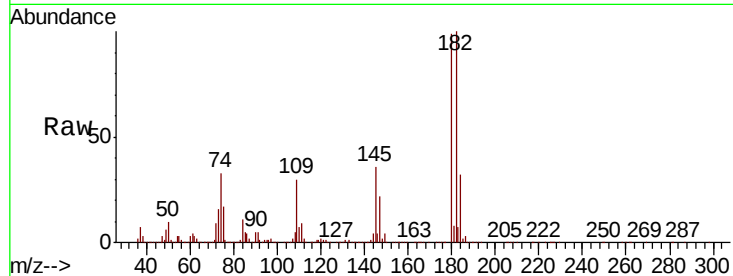




#93  
 1,2,4-Trichlorobenzene  
 Concen: 88.607 ug/l  
 RT: 13.63 min Scan# 2057  
 Delta R.T. -0.00 min  
 Lab File: VX018045.D  
 Acq: 20 Aug 2020 20:31

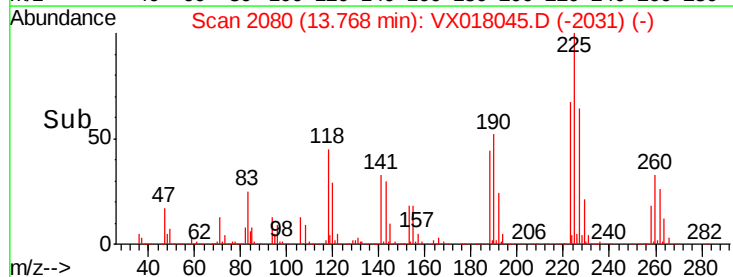
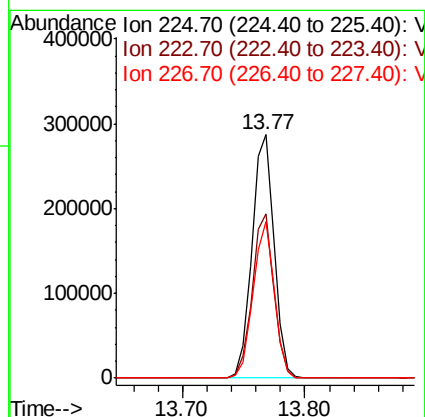
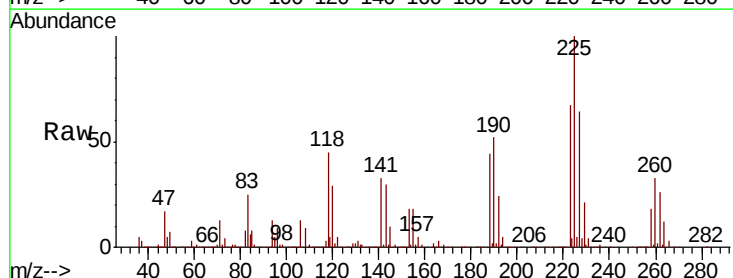
Instrument :  
 MSVOA\_X  
 ClientSampleId :

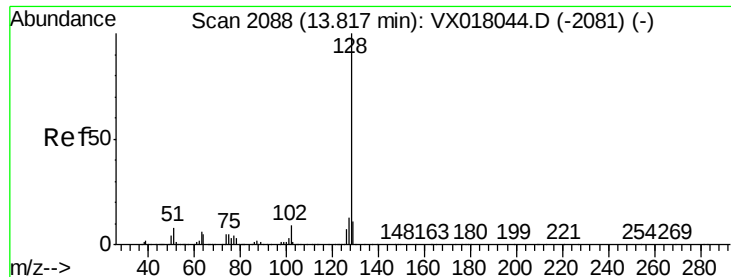
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.2  | 47.5  | 142.6 |
| 145     | 32.2  | 15.7  | 47.1  |



#94  
 Hexachlorobutadiene  
 Concen: 73.831 ug/l  
 RT: 13.77 min Scan# 2080  
 Delta R.T. -0.00 min  
 Lab File: VX018045.D  
 Acq: 20 Aug 2020 20:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 66.2  | 30.7  | 92.1  |
| 227     | 62.1  | 32.6  | 97.8  |

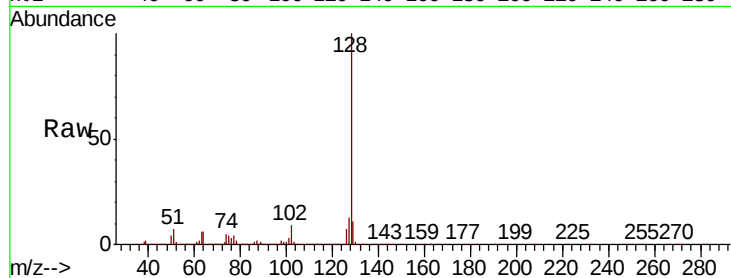




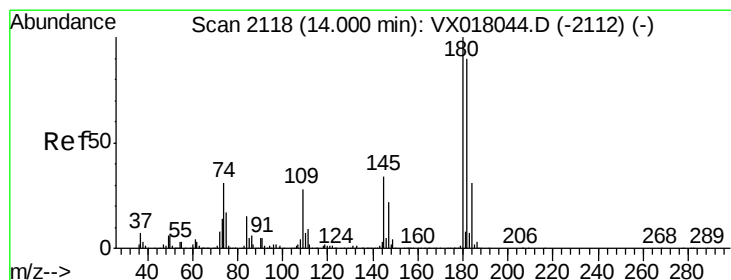
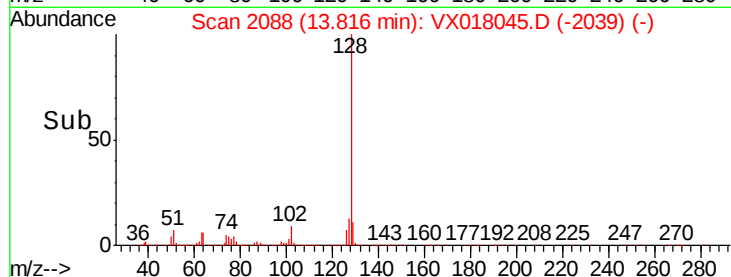
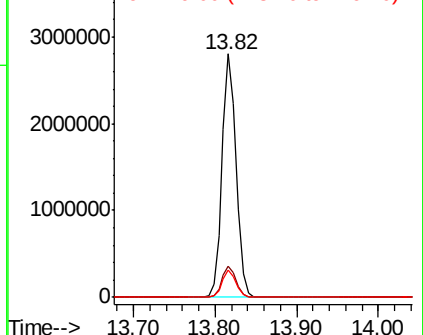
#95  
Naphthalene  
Concen: 95.931 ug/l  
RT: 13.82 min Scan# 2088  
Delta R.T. -0.00 min  
Lab File: VX018045.D  
Acq: 20 Aug 2020 20:31

Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion:128 Resp: 3374923  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.2 15.2  
129 10.9 8.7 13.1

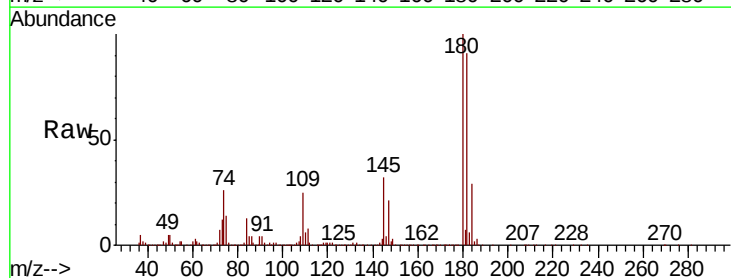


Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V



#96  
1,2,3-Trichlorobenzene  
Concen: 90.580 ug/l  
RT: 14.01 min Scan# 2119  
Delta R.T. 0.01 min  
Lab File: VX018045.D  
Acq: 20 Aug 2020 20:31

Tgt Ion:180 Resp: 955612  
Ion Ratio Lower Upper  
180 100  
182 96.2 47.3 142.0  
145 34.1 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

