

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080520\  
 Data File : VX017787.D  
 Acq On : 05 Aug 2020 09:54  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Aug 06 02:27:42 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X072320W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 24 05:48:09 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.63  | 168  | 530157   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.83  | 114  | 779023   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 737844   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 388517   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.03   | 65  | 350526   | 51.47 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.94% |      |
| 35) Dibromofluoromethane  | 5.46   | 113 | 270223   | 51.86 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.72% |      |
| 50) Toluene-d8            | 8.70   | 98  | 936374   | 49.82 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.64%  |      |
| 62) 4-Bromofluorobenzene  | 11.12  | 95  | 388068   | 51.59 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.18% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.18 | 85  | 231937  | 47.096  | ug/l | 99     |
| 3) Chloromethane              | 1.32 | 50  | 282724  | 43.193  | ug/l | 100    |
| 4) Vinyl Chloride             | 1.39 | 62  | 280760  | 42.084  | ug/l | 98     |
| 5) Bromomethane               | 1.62 | 94  | 162924  | 45.140  | ug/l | 98     |
| 6) Chloroethane               | 1.70 | 64  | 176548  | 47.960  | ug/l | 98     |
| 7) Trichlorofluoromethane     | 1.91 | 101 | 479271  | 45.674  | ug/l | 100    |
| 8) Diethyl Ether              | 2.17 | 74  | 168215  | 49.431  | ug/l | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 262530  | 45.591  | ug/l | 95     |
| 10) Methyl Iodide             | 2.49 | 142 | 308217  | 41.838  | ug/l | 96     |
| 11) Tert butyl alcohol        | 3.03 | 59  | 349139  | 243.254 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 2.36 | 96  | 240069  | 43.841  | ug/l | 95     |
| 13) Acrolein                  | 2.27 | 56  | 213133  | 195.417 | ug/l | 100    |
| 14) Allyl chloride            | 2.70 | 41  | 479675  | 47.973  | ug/l | 96     |
| 15) Acrylonitrile             | 3.12 | 53  | 849075  | 273.891 | ug/l | 99     |
| 16) Acetone                   | 2.42 | 43  | 772305  | 257.661 | ug/l | 97     |
| 17) Carbon Disulfide          | 2.55 | 76  | 663562  | 39.868  | ug/l | 99     |
| 18) Methyl Acetate            | 2.75 | 43  | 402468  | 57.013  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 3.17 | 73  | 943586  | 49.785  | ug/l | 100    |
| 20) Methylene Chloride        | 2.83 | 84  | 288653  | 51.163  | ug/l | 98     |
| 21) trans-1,2-Dichloroethene  | 3.14 | 96  | 280153  | 47.756  | ug/l | 98     |
| 22) Diisopropyl ether         | 3.82 | 45  | 888663  | 48.607  | ug/l | 92     |
| 23) Vinyl Acetate             | 3.79 | 43  | 4103479 | 251.727 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 3.67 | 63  | 523491  | 49.706  | ug/l | 98     |
| 25) 2-Butanone                | 4.64 | 43  | 1156375 | 271.573 | ug/l | 96     |
| 26) 2,2-Dichloropropane       | 4.55 | 77  | 464300  | 49.250  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 4.56 | 96  | 304381  | 47.771  | ug/l | 99     |
| 28) Bromochloromethane        | 4.98 | 49  | 247156  | 51.786  | ug/l | 99     |
| 29) Tetrahydrofuran           | 5.09 | 42  | 767038  | 290.814 | ug/l | 98     |
| 30) Chloroform                | 5.18 | 83  | 574441  | 53.381  | ug/l | 100    |
| 31) Cyclohexane               | 5.54 | 56  | 388499  | 46.258  | ug/l | 99     |
| 32) 1,1,1-Trichloroethane     | 5.46 | 97  | 494567  | 48.737  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 5.76 | 75  | 368054  | 49.261  | ug/l | 99     |
| 37) Ethyl Acetate             | 4.80 | 43  | 462268  | 56.547  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 5.75 | 117 | 448033  | 49.380  | ug/l | 98     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX080520\  
 Data File : VX017787.D  
 Acq On : 05 Aug 2020 09:54  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Aug 06 02:27:42 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X072320W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 24 05:48:09 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.44  | 83   | 406941   | 46.656  | ug/l   | 96       |
| 40) Benzene                    | 6.11  | 78   | 1048393  | 48.943  | ug/l   | 97       |
| 41) Methacrylonitrile          | 5.00  | 41   | 267019   | 56.984  | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.16  | 62   | 469020   | 53.521  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 6.42  | 43   | 682446   | 50.596  | ug/l   | 100      |
| 44) Trichloroethene            | 7.18  | 130  | 324562   | 51.847  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 7.49  | 63   | 285402   | 48.063  | ug/l   | 99       |
| 46) Dibromomethane             | 7.64  | 93   | 220125   | 52.454  | ug/l   | 99       |
| 47) Bromodichloromethane       | 7.87  | 83   | 476969   | 56.487  | ug/l   | 100      |
| 48) Methyl methacrylate        | 7.74  | 41   | 351266   | 52.537  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.72  | 88   | 121648   | 948.989 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 2285240  | 283.953 | ug/l   | 99       |
| 52) Toluene                    | 8.76  | 92   | 692789   | 50.431  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.02  | 75   | 488477   | 51.678  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 8.42  | 75   | 485907   | 50.398  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 9.20  | 97   | 304166   | 53.151  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 9.16  | 69   | 461326   | 53.508  | ug/l   | 100      |
| 57) 1,3-Dichloropropane        | 9.35  | 76   | 501099   | 53.178  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.29  | 63   | 1122333  | 247.086 | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.48  | 43   | 1649495  | 272.230 | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.57  | 129  | 369278   | 50.770  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 9.65  | 107  | 323389   | 53.079  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.32  | 164  | 334718   | 50.544  | ug/l   | 99       |
| 65) Chlorobenzene              | 10.12 | 112  | 785626   | 49.191  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.21 | 131  | 320267   | 49.688  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.24 | 91   | 1348429  | 50.580  | ug/l   | 100      |
| 68) m/p-Xylenes                | 10.34 | 106  | 1130817  | 109.492 | ug/l   | 96       |
| 69) o-Xylene                   | 10.68 | 106  | 525180   | 52.872  | ug/l   | 98       |
| 70) Styrene                    | 10.70 | 104  | 929269   | 54.986  | ug/l   | 99       |
| 71) Bromoform                  | 10.84 | 173  | 284153   | 50.884  | ug/l # | 97       |
| 73) Isopropylbenzene           | 11.01 | 105  | 1473415  | 55.281  | ug/l   | 100      |
| 74) N-amyl acetate             | 10.88 | 43   | 641097   | 54.137  | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 11.25 | 83   | 437405   | 52.577  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 11.28 | 75   | 552409   | 69.121  | ug/l   | 82       |
| 77) Bromobenzene               | 11.24 | 156  | 373631   | 50.074  | ug/l   | 97       |
| 78) n-propylbenzene            | 11.34 | 91   | 1640793  | 54.583  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.40 | 91   | 925508   | 49.702  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.49 | 105  | 1145011  | 50.316  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.06 | 75   | 166309   | 52.435  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 11.49 | 91   | 1095920  | 49.892  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.76 | 119  | 1086913  | 49.916  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 1125771  | 49.738  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.93 | 105  | 1278202  | 50.390  | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 12.05 | 119  | 1214799  | 50.290  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.01 | 146  | 622758   | 48.602  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 12.08 | 146  | 632001   | 47.618  | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.37 | 91   | 1068414  | 49.637  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.58 | 117  | 237592   | 49.889  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 12.38 | 146  | 606121   | 48.130  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75   | 111072   | 47.354  | ug/l   | 99       |

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Data File : VX017787.D  
Acq On : 05 Aug 2020 09:54  
Operator : JC/SP  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 2 Sample Multiplier: 1

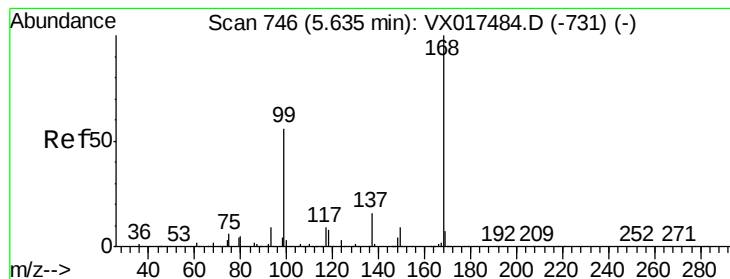
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Quant Time: Aug 06 02:27:42 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X072320W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jul 24 05:48:09 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.63 | 180  | 450945   | 52.467 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.77 | 225  | 173215   | 43.782 | ug/l  | 91       |
| 95) Naphthalene            | 13.82 | 128  | 1399710  | 54.554 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.01 | 180  | 439093   | 51.741 | 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. -0.01 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Instrument :

MSVOA\_X

ClientSampleId :

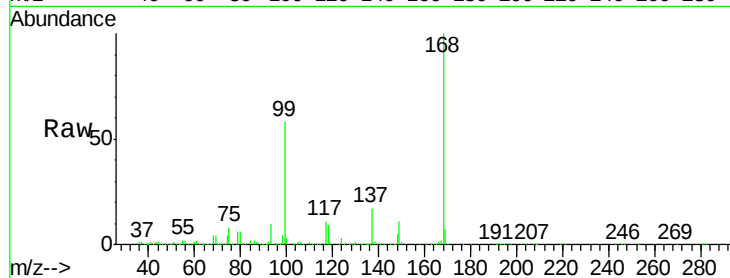
VSTDCCC050

Tot Ion:168 Resp: 530157

Ion Ratio Lower Upper

168 100

99 58.0 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

200000

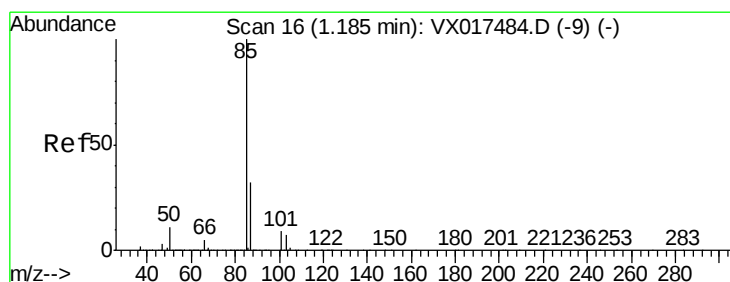
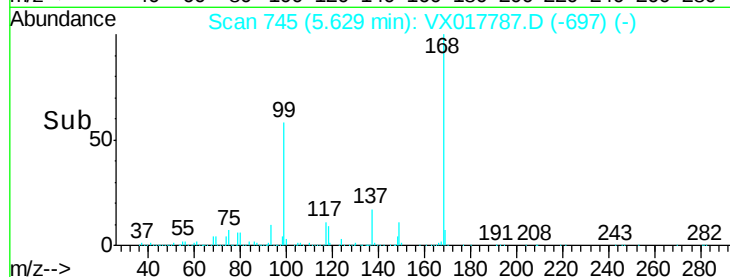
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.096 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017787.D

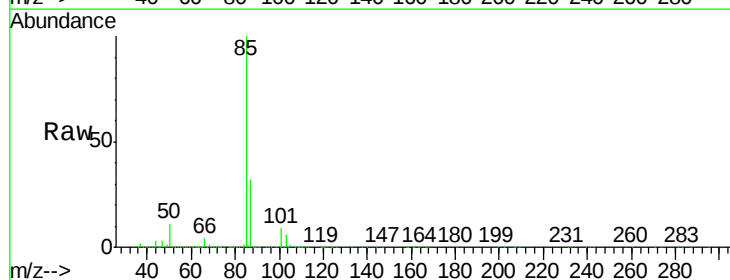
Acq: 05 Aug 2020 09:54

Tgt Ion: 85 Resp: 231937

Ion Ratio Lower Upper

85 100

87 31.8 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

250000

200000

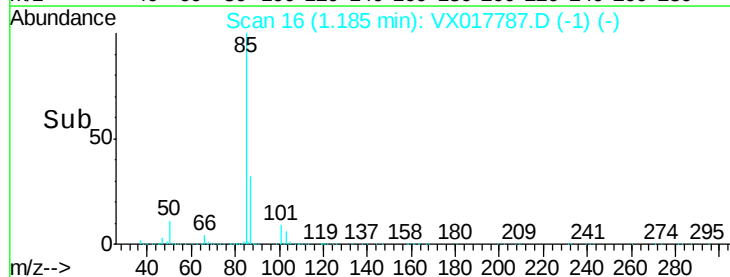
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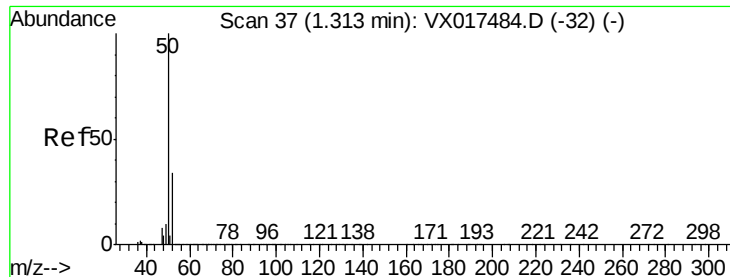
100000

50000

0

Time-->





#3

Chloromethane

Concen: 43.193 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Instrument :

MSVOA\_X

ClientSampleId :

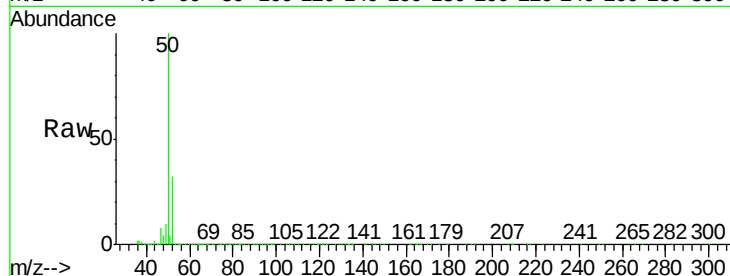
VSTDCCC050

Tot Ion: 50 Resp: 282724

Ion Ratio Lower Upper

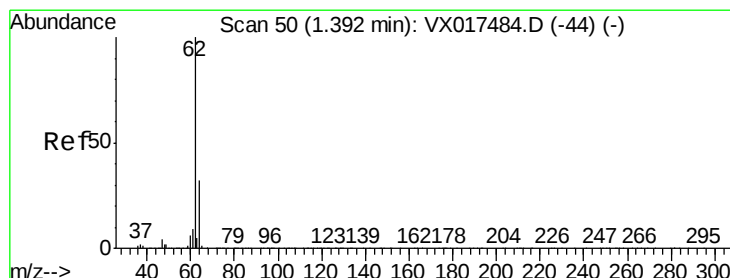
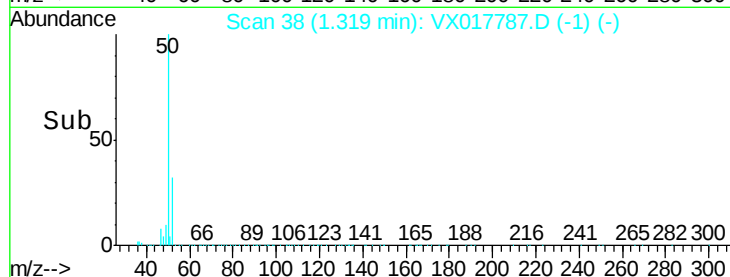
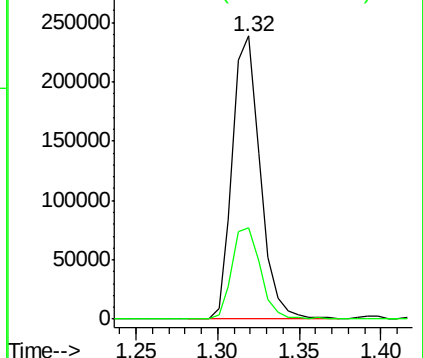
50 100

52 32.2 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 42.084 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017787.D

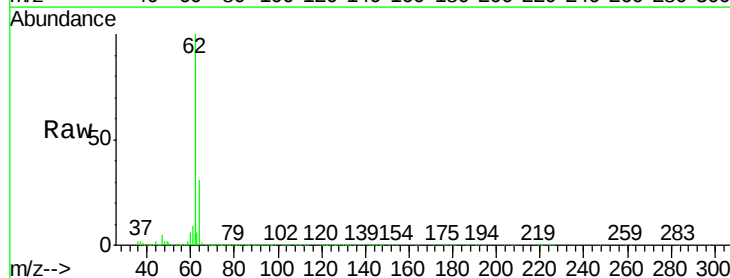
Acq: 05 Aug 2020 09:54

Tgt Ion: 62 Resp: 280760

Ion Ratio Lower Upper

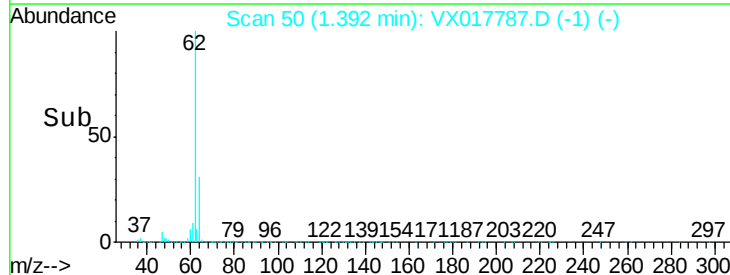
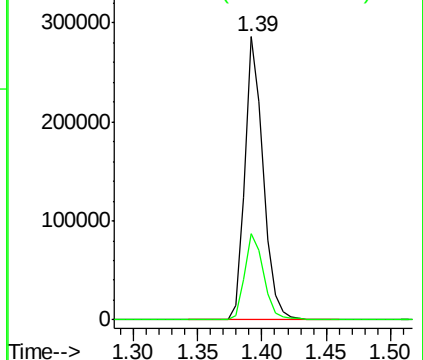
62 100

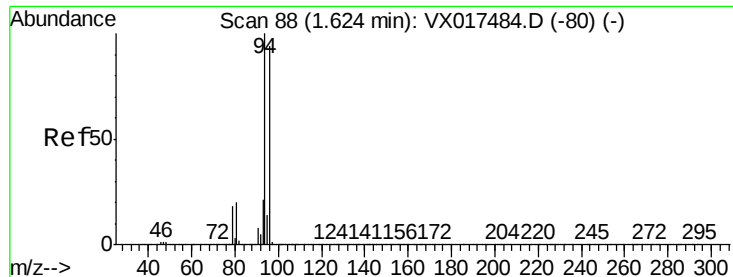
64 30.6 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 45.140 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Instrument :

MSVOA\_X

ClientSampleId :

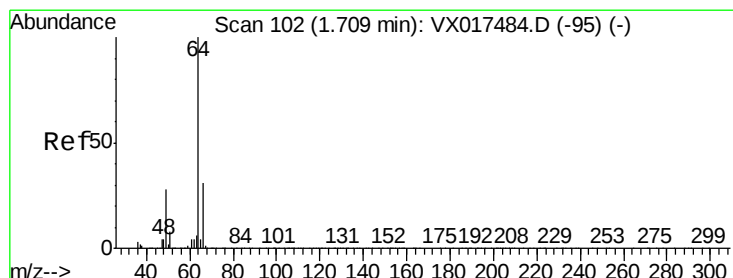
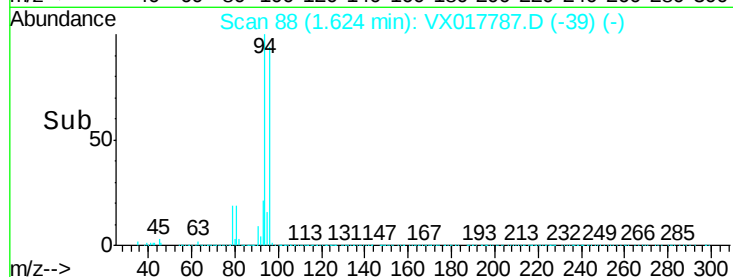
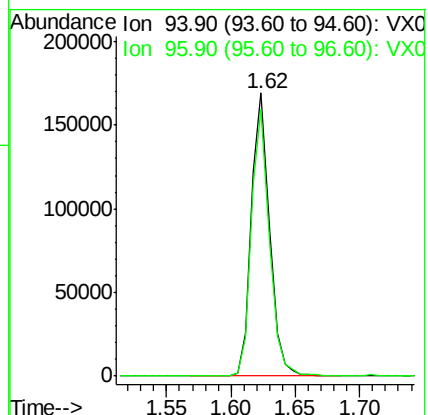
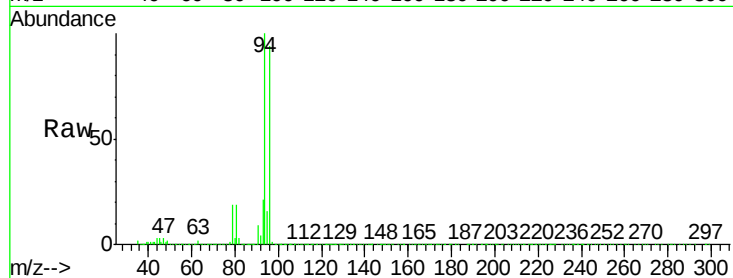
VSTDCCC050

Tot Ion: 94 Resp: 162924

Ion Ratio Lower Upper

94 100

96 94.3 74.1 111.1



#6

Chloroethane

Concen: 47.960 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017787.D

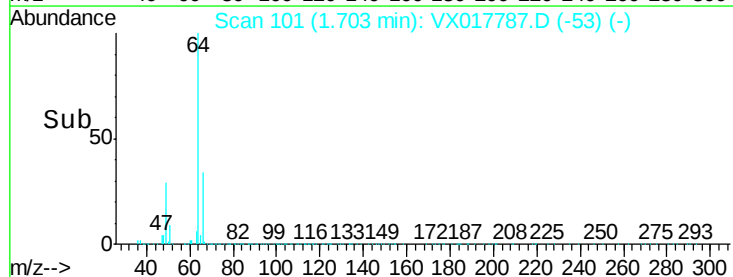
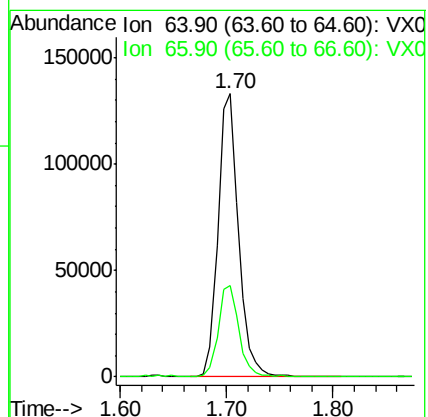
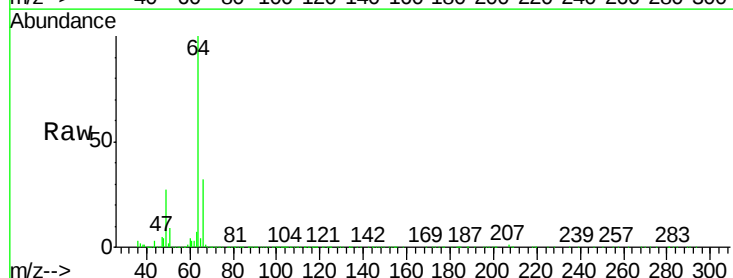
Acq: 05 Aug 2020 09:54

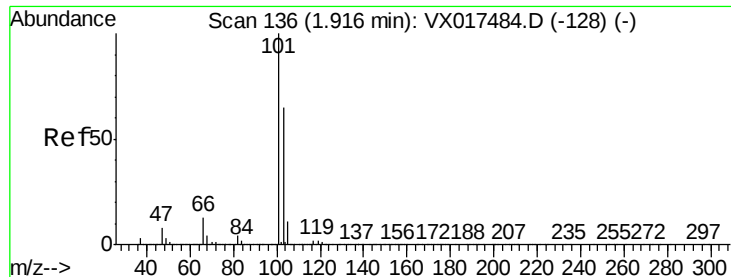
Tgt Ion: 64 Resp: 176548

Ion Ratio Lower Upper

64 100

66 32.4 24.9 37.3



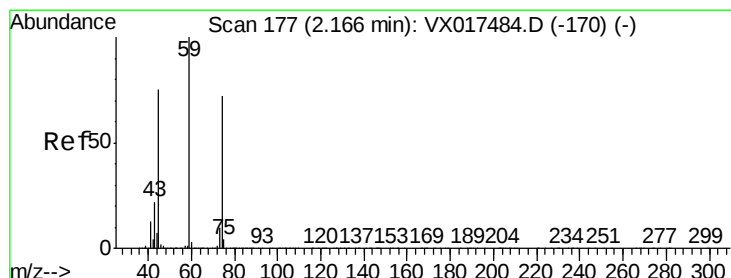
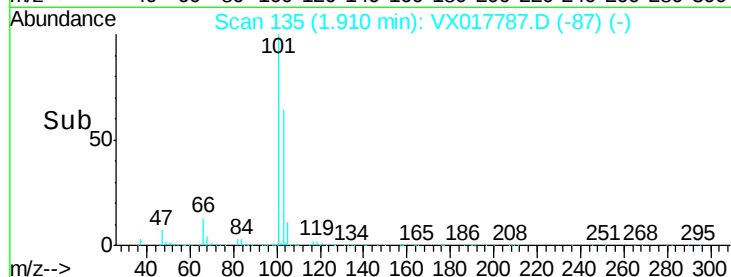
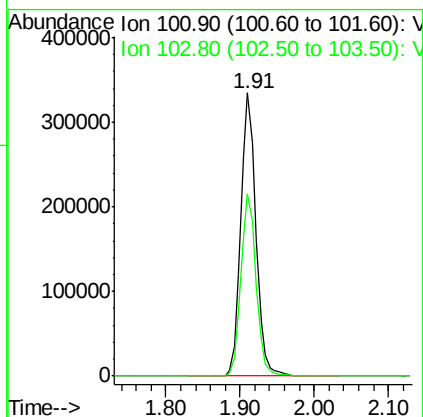
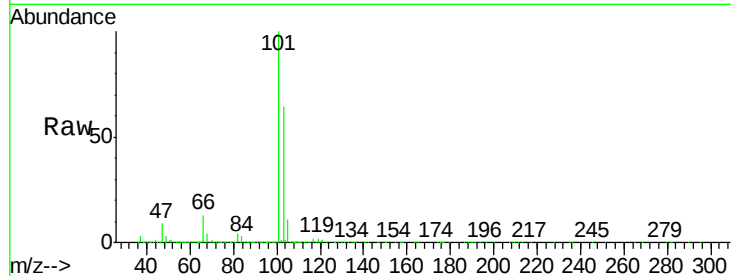


#7

Trichlorofluoromethane  
 Concen: 45.674 ug/l  
 RT: 1.91 min Scan# 135  
 Delta R.T. -0.01 min  
 Lab File: VX017787.D  
 Acq: 05 Aug 2020 09:54

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

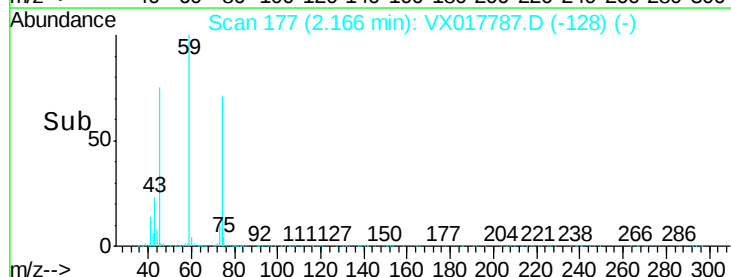
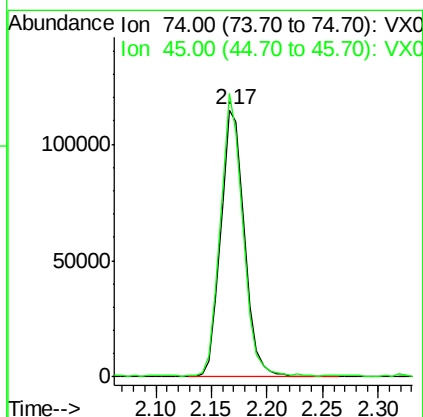
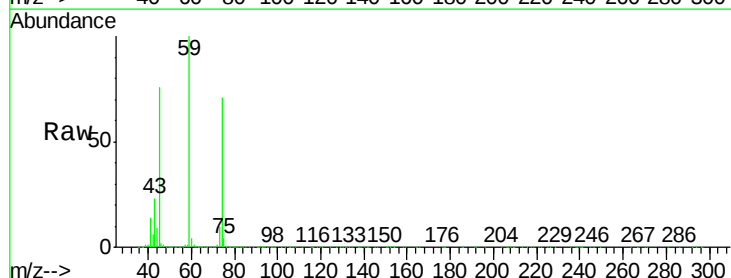
Tot Ion:101 Resp: 479271  
 Ion Ratio Lower Upper  
 101 100  
 103 64.5 51.8 77.8

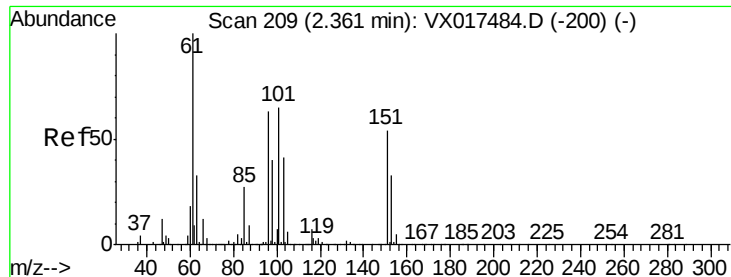


#8

Diethyl Ether  
 Concen: 49.431 ug/l  
 RT: 2.17 min Scan# 177  
 Delta R.T. 0.00 min  
 Lab File: VX017787.D  
 Acq: 05 Aug 2020 09:54

Tgt Ion: 74 Resp: 168215  
 Ion Ratio Lower Upper  
 74 100  
 45 100.5 50.8 152.5

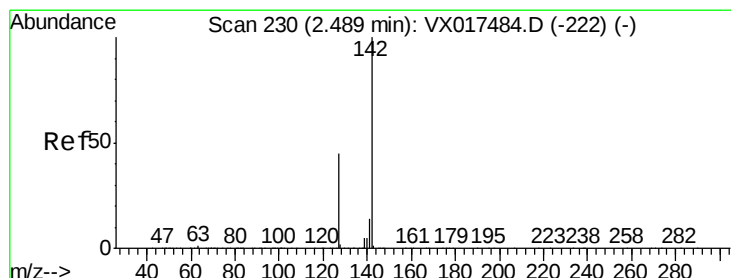
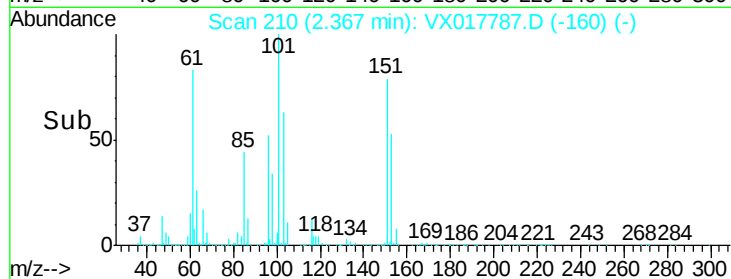
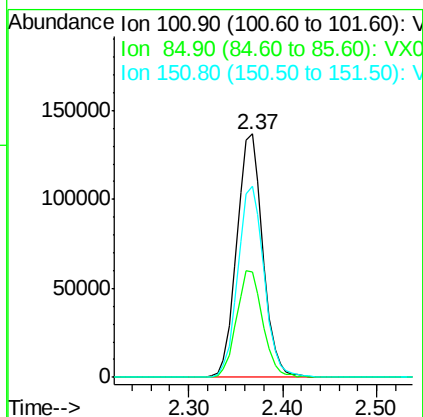
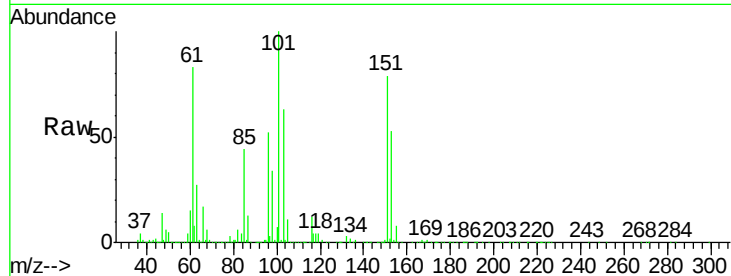




#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 45.591 ug/l  
 RT: 2.37 min Scan# 210  
 Delta R.T. 0.01 min  
 Lab File: VX017787.D  
 Acq: 05 Aug 2020 09:54

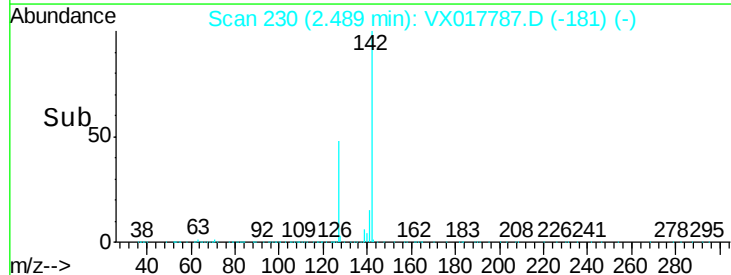
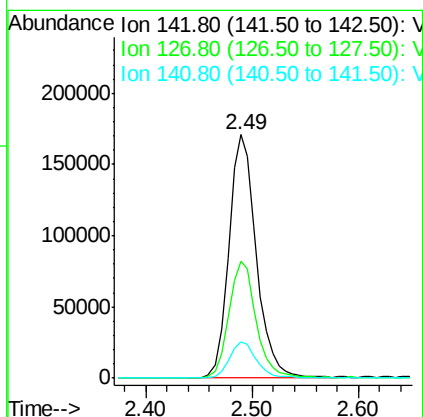
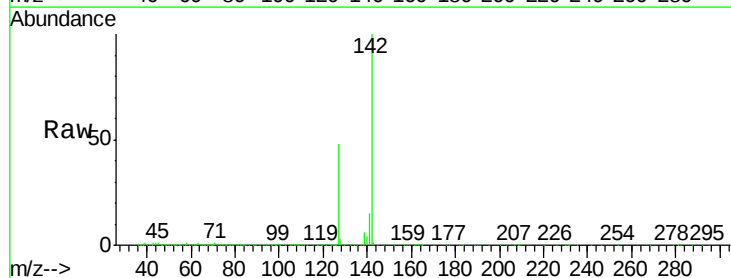
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

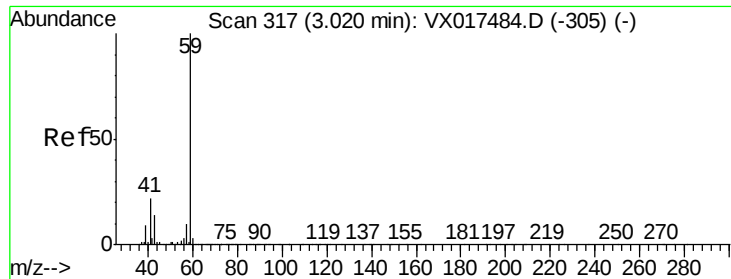
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 85      | 44.5  | 34.8  | 52.2  |
| 151     | 79.4  | 68.0  | 102.0 |



#10  
 Methyl Iodide  
 Concen: 41.838 ug/l  
 RT: 2.49 min Scan# 230  
 Delta R.T. -0.00 min  
 Lab File: VX017787.D  
 Acq: 05 Aug 2020 09:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 127     | 48.1  | 35.9  | 53.9  |
| 141     | 14.7  | 11.4  | 17.0  |



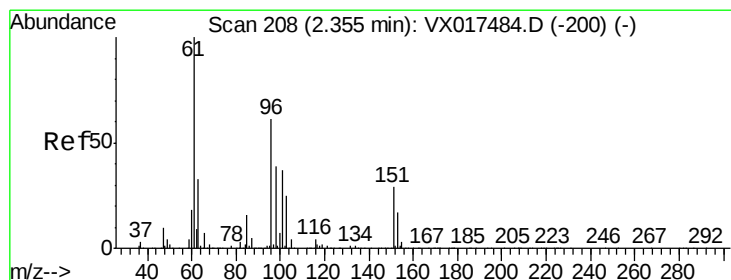
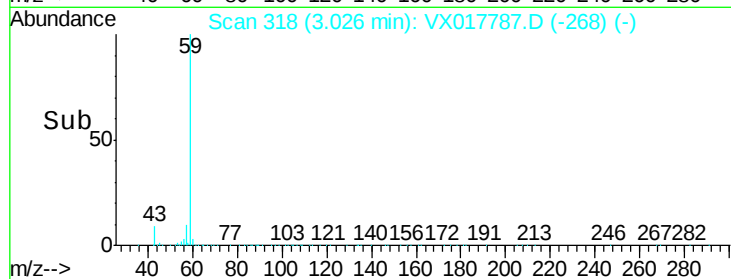
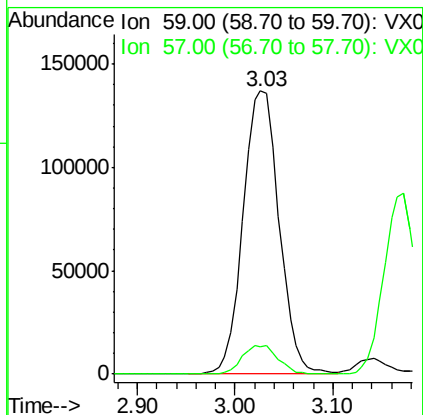
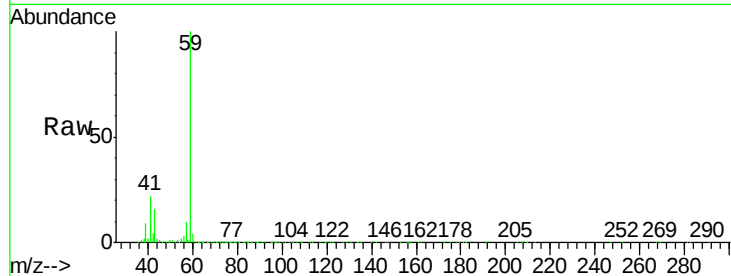


#11

Tert butyl alcohol  
 Concen: 243.254 ug/l  
 RT: 3.03 min Scan# 318  
 Delta R.T. 0.01 min  
 Lab File: VX017787.D  
 Acq: 05 Aug 2020 09:54

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

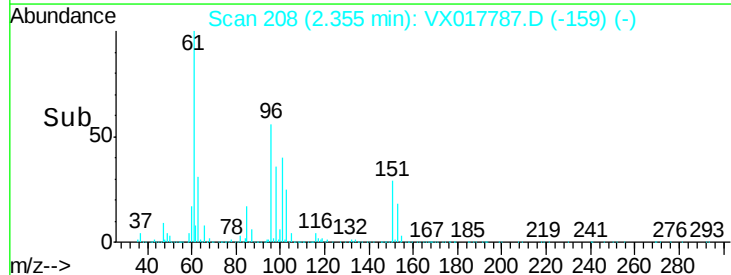
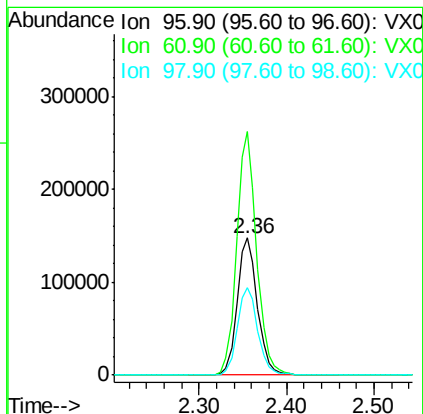
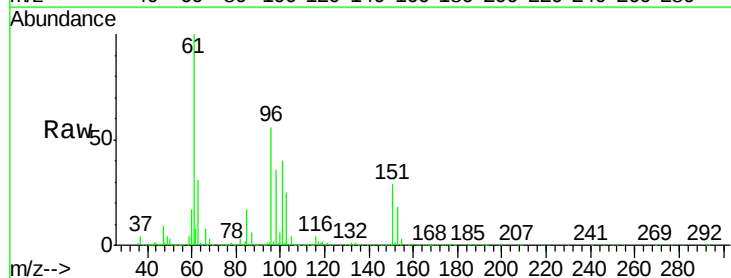
Tot Ion: 59 Resp: 349139  
 Ion Ratio Lower Upper  
 59 100  
 57 10.3 8.6 12.8

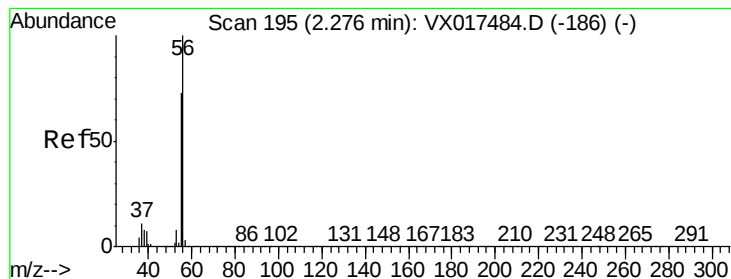


#12

1,1-Dichloroethene  
 Concen: 43.841 ug/l  
 RT: 2.36 min Scan# 208  
 Delta R.T. -0.00 min  
 Lab File: VX017787.D  
 Acq: 05 Aug 2020 09:54

Tgt Ion: 96 Resp: 240069  
 Ion Ratio Lower Upper  
 96 100  
 61 177.4 134.0 201.0  
 98 63.4 51.0 76.4





#13

Acrolein

Concen: 195.417 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Instrument :

MSVOA\_X

ClientSampleId :

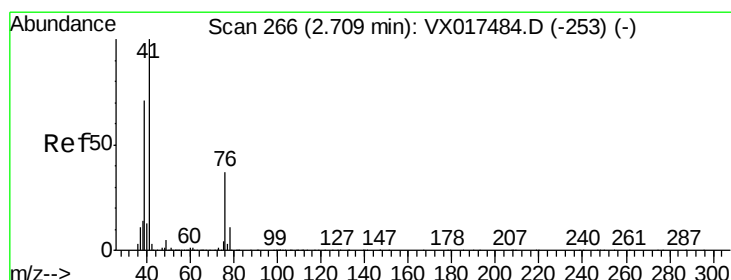
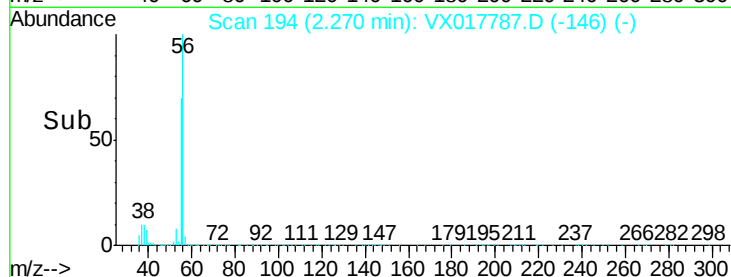
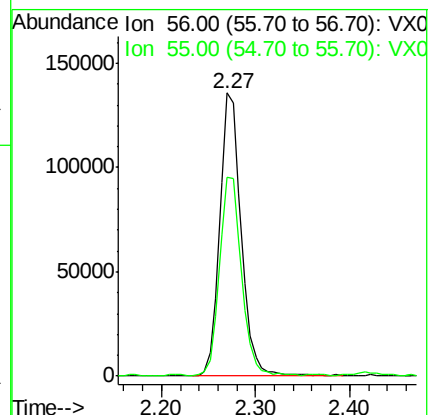
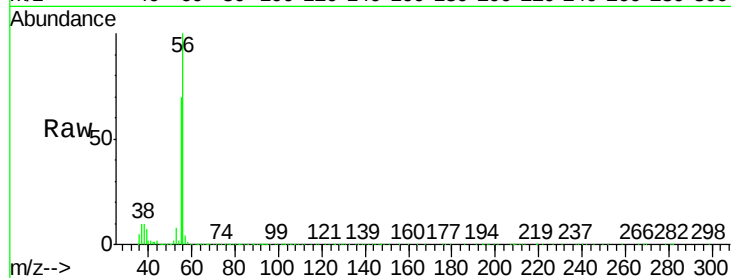
VSTDCCC050

Tot Ion: 56 Resp: 213133

Ion Ratio Lower Upper

56 100

55 71.4 57.4 86.2



#14

Allyl chloride

Concen: 47.973 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

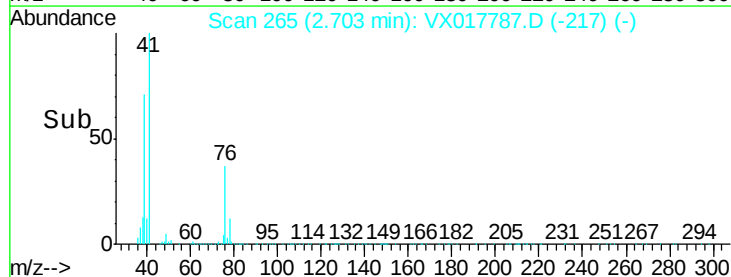
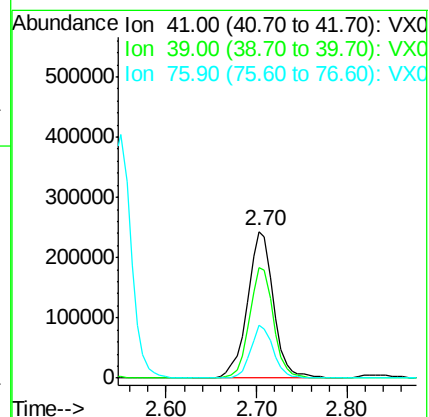
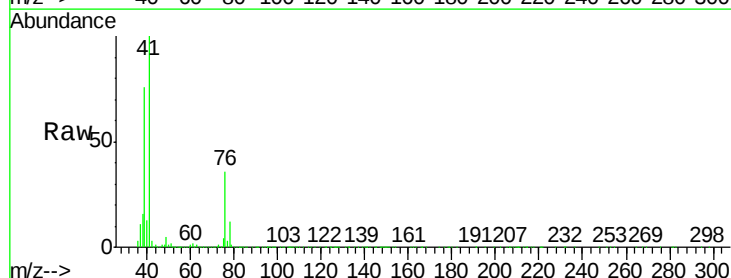
Tgt Ion: 41 Resp: 479675

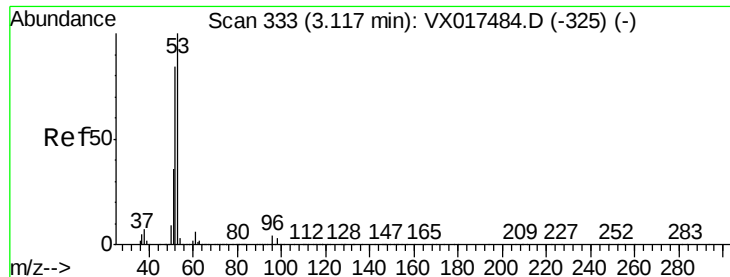
Ion Ratio Lower Upper

41 100

39 69.6 51.9 77.9

76 31.5 25.5 38.3





#15

Acrylonitrile

Concen: 273.891 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

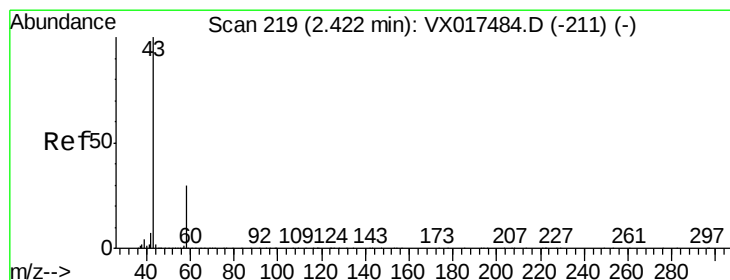
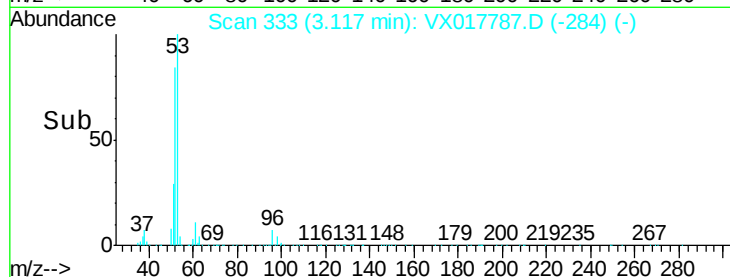
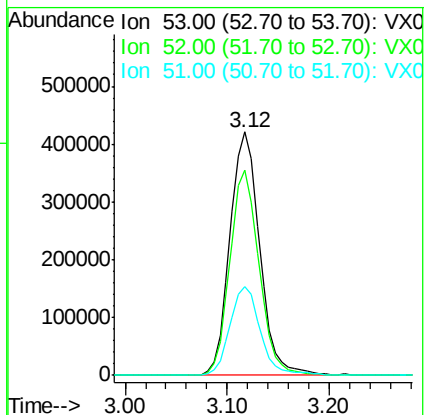
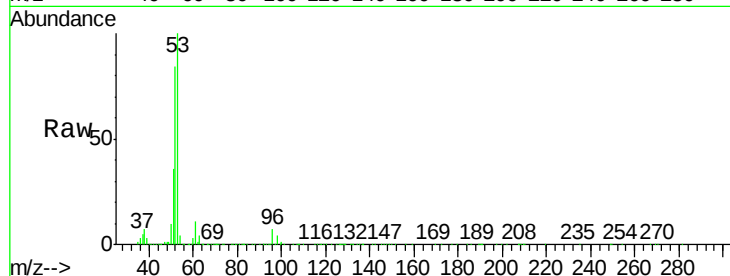
Tot Ion: 53 Resp: 849075

Ion Ratio Lower Upper

53 100

52 82.7 66.6 99.8

51 37.1 29.4 44.2



#16

Acetone

Concen: 257.661 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017787.D

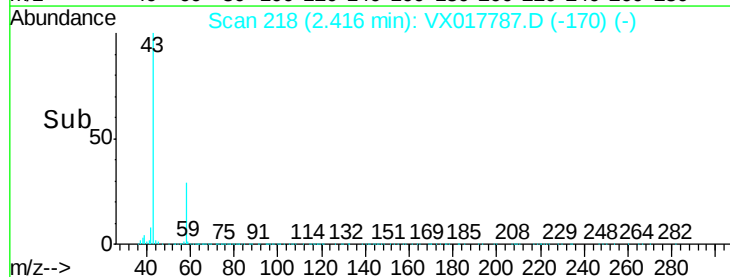
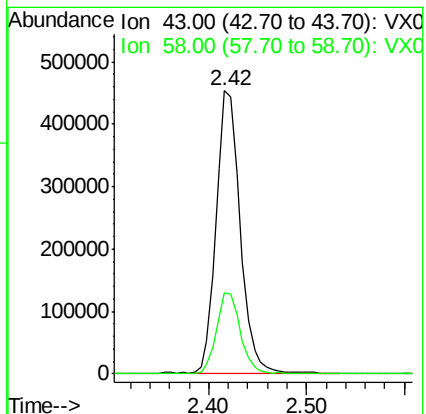
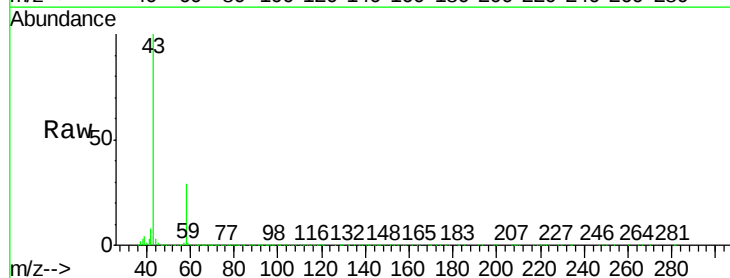
Acq: 05 Aug 2020 09:54

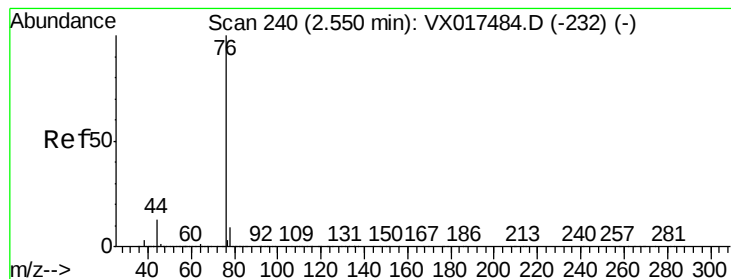
Tgt Ion: 43 Resp: 772305

Ion Ratio Lower Upper

43 100

58 28.7 24.2 36.4





#17

Carbon Disulfide

Concen: 39.868 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Instrument :

MSVOA\_X

ClientSampleId :

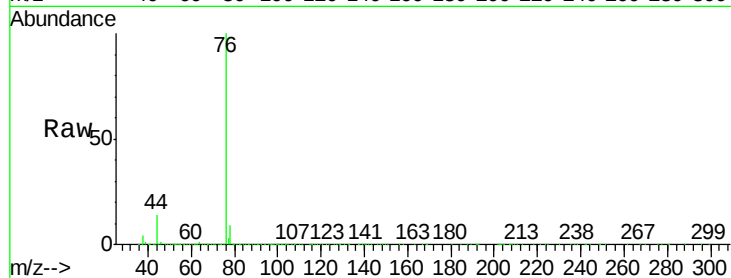
VSTDCCC050

Tot Ion: 76 Resp: 663562

Ion Ratio Lower Upper

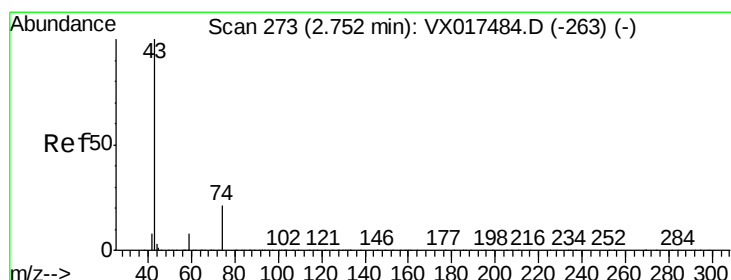
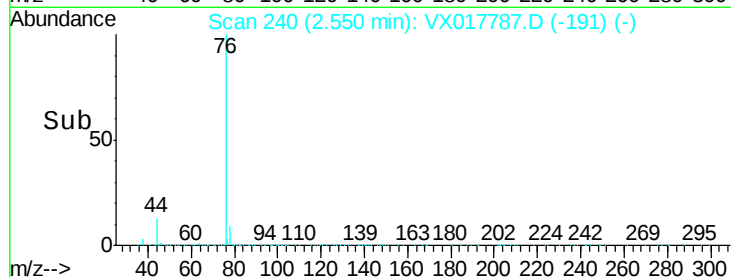
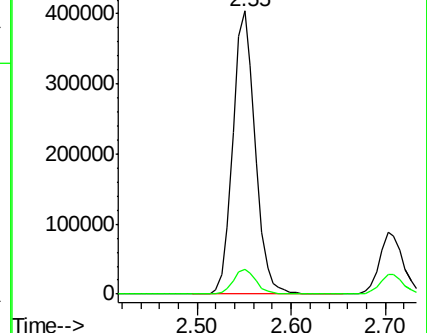
76 100

78 8.9 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 57.013 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX017787.D

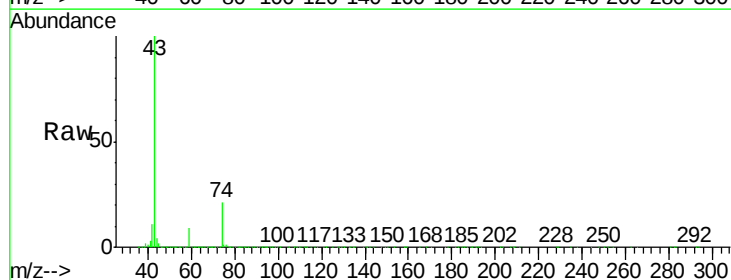
Acq: 05 Aug 2020 09:54

Tgt Ion: 43 Resp: 402468

Ion Ratio Lower Upper

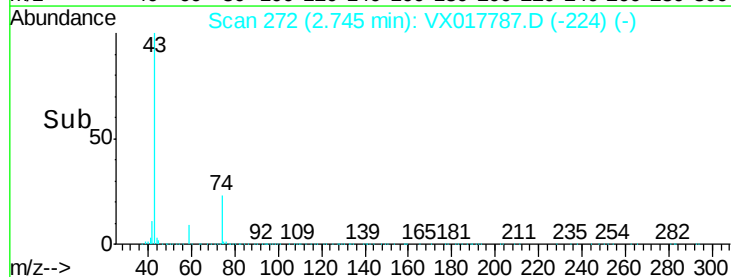
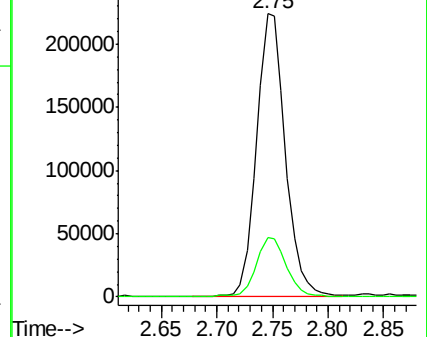
43 100

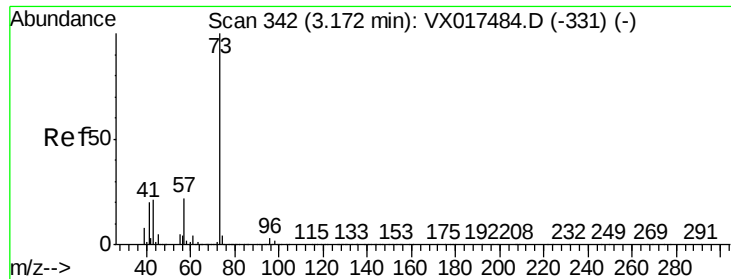
74 22.2 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

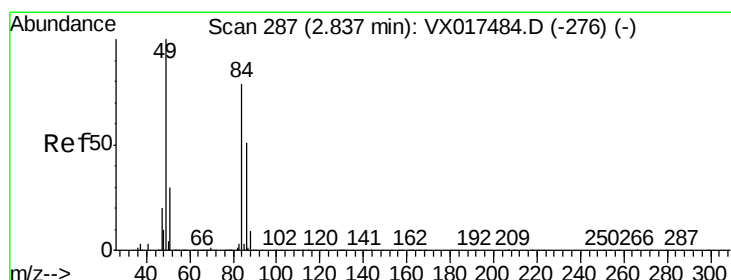
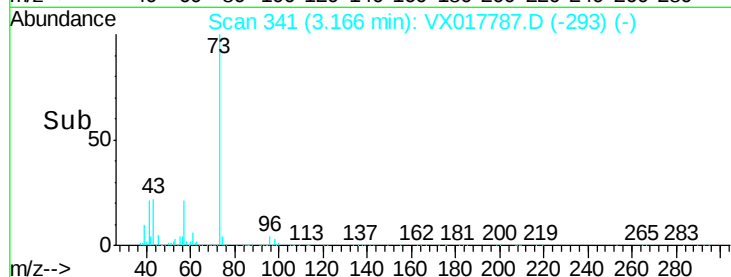
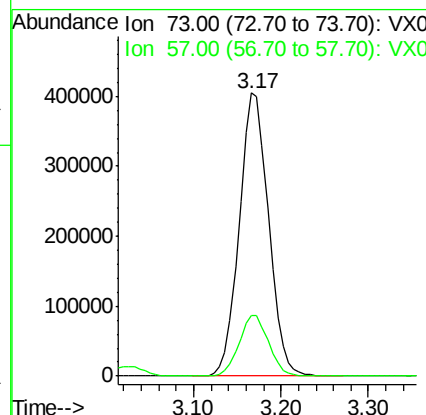
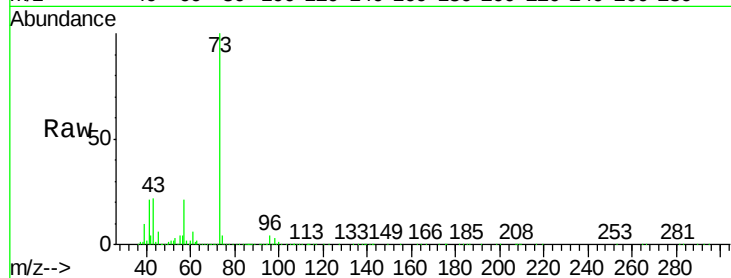




#19  
Methvl tert-butvl Ether  
Concen: 49.785 ug/l  
RT: 3.17 min Scan# 341  
Delta R.T. -0.01 min  
Lab File: VX017787.D  
Acq: 05 Aug 2020 09:54

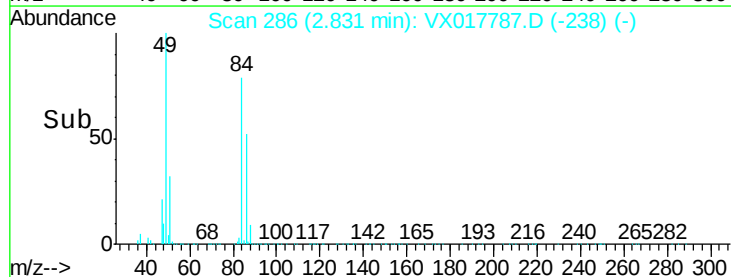
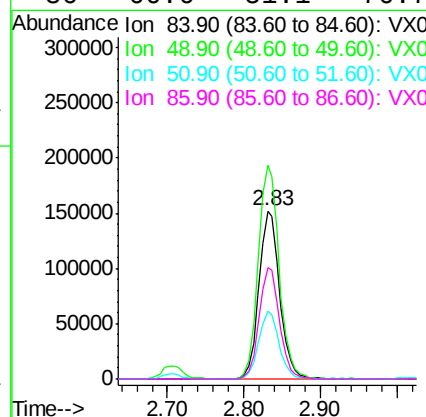
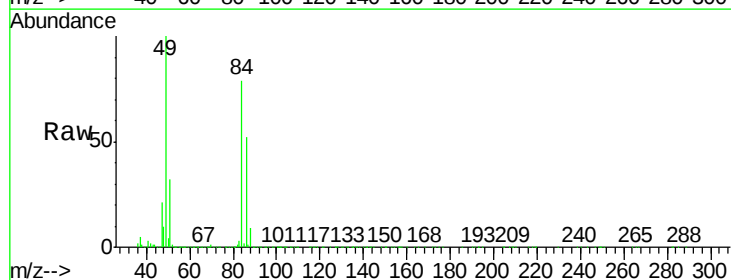
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

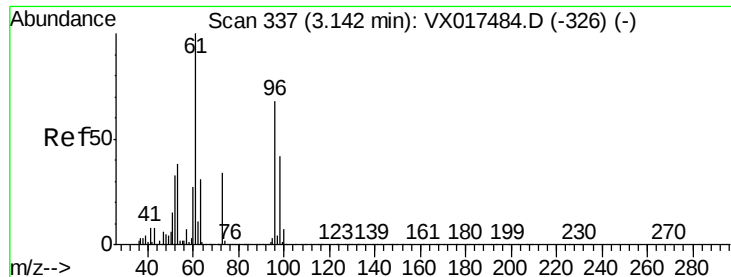
Tot Ion: 73 Resp: 943586  
Ion Ratio Lower Upper  
73 100  
57 21.2 17.0 25.4



#20  
Methylene Chloride  
Concen: 51.163 ug/l  
RT: 2.83 min Scan# 286  
Delta R.T. -0.01 min  
Lab File: VX017787.D  
Acq: 05 Aug 2020 09:54

Tgt Ion: 84 Resp: 288653  
Ion Ratio Lower Upper  
84 100  
49 127.0 100.3 150.5  
51 40.0 30.5 45.7  
86 66.6 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 47.756 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

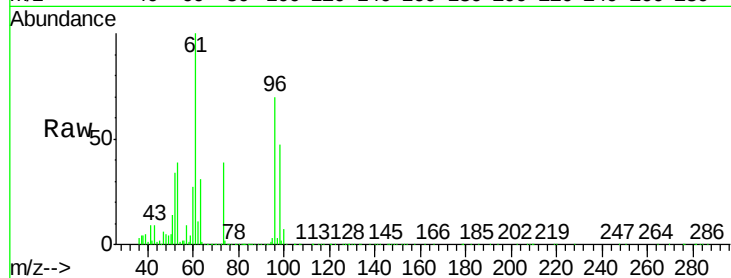
Tot Ion: 96 Resp: 280153

Ion Ratio Lower Upper

96 100

61 142.8 113.0 169.4

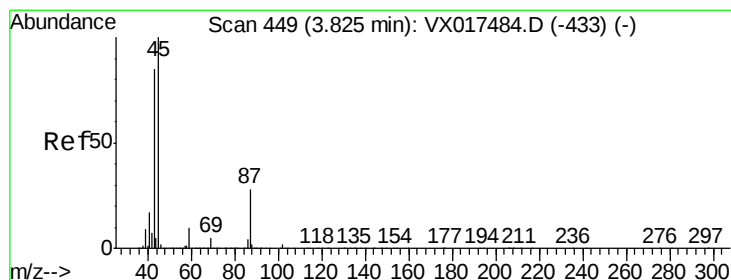
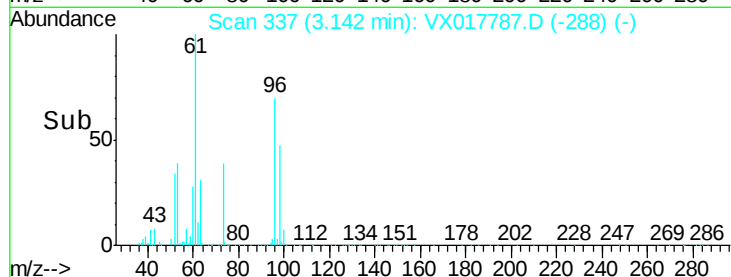
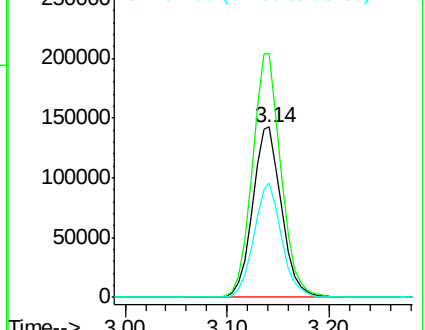
98 67.1 51.8 77.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 48.607 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Tgt Ion: 45 Resp: 888663

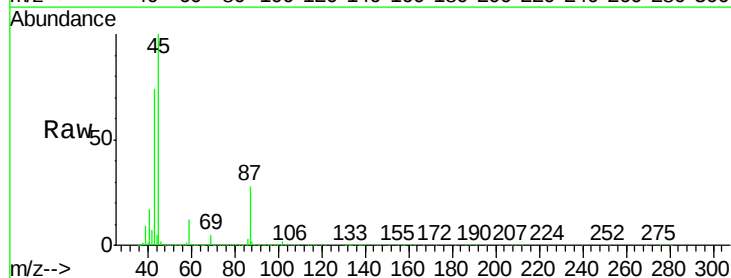
Ion Ratio Lower Upper

45 100

43 74.0 52.0 78.0

87 28.5 22.2 33.4

59 11.9 8.9 13.3

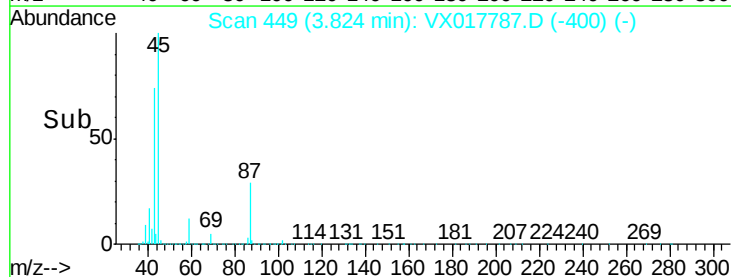
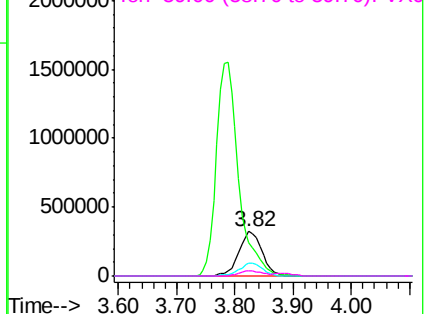


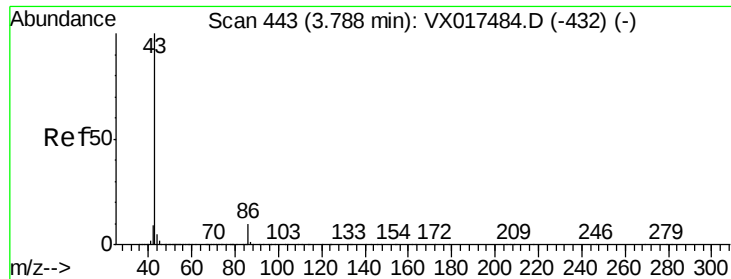
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

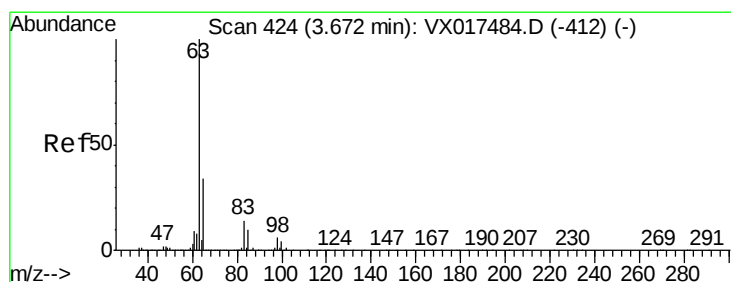
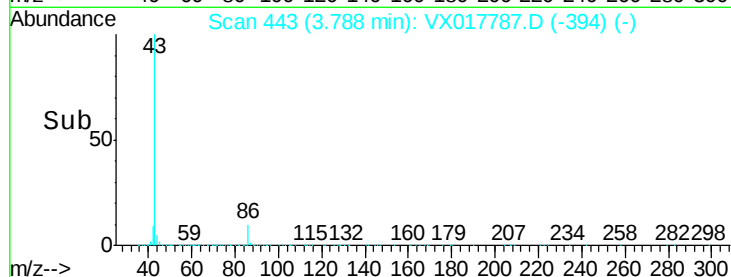
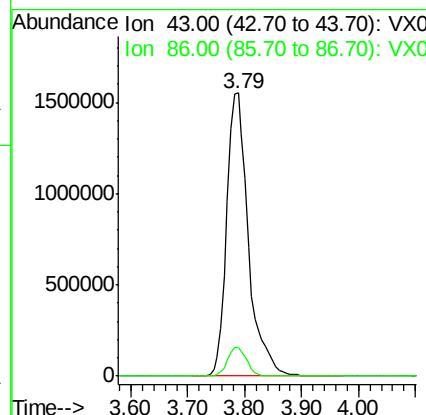
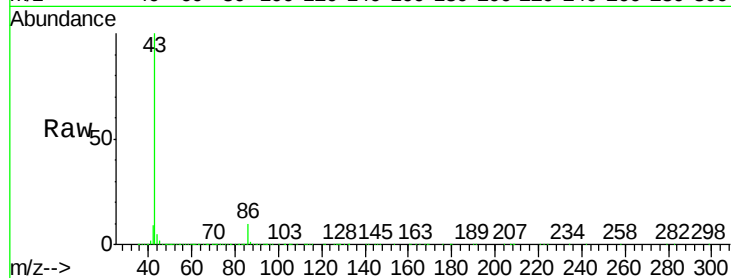




#23  
 Vinyl Acetate  
 Concen: 251.727 ug/l  
 RT: 3.79 min Scan# 443  
 Delta R.T. -0.00 min  
 Lab File: VX017787.D  
 Acq: 05 Aug 2020 09:54

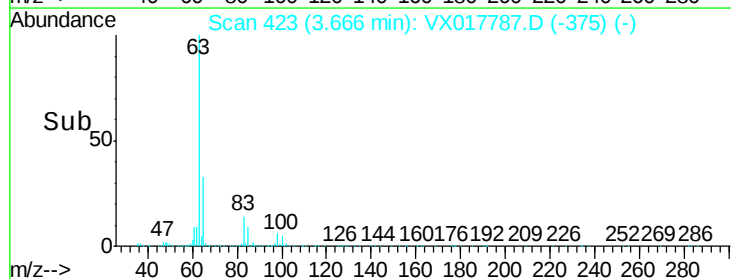
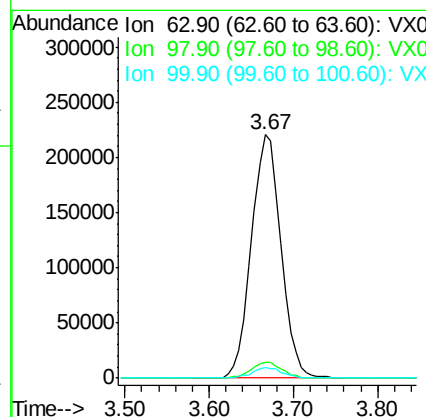
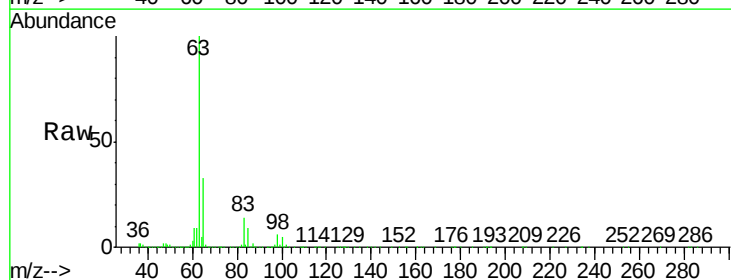
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

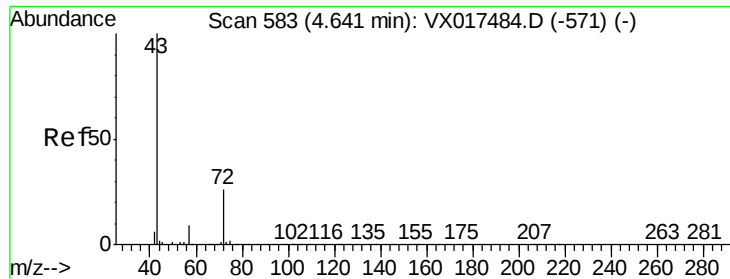
Tot Ion: 43 Resp: 4103479  
 Ion Ratio Lower Upper  
 43 100  
 86 10.2 8.2 12.4



#24  
 1,1-Dichloroethane  
 Concen: 49.706 ug/l  
 RT: 3.67 min Scan# 423  
 Delta R.T. -0.01 min  
 Lab File: VX017787.D  
 Acq: 05 Aug 2020 09:54

Tgt Ion: 63 Resp: 523491  
 Ion Ratio Lower Upper  
 63 100  
 98 6.3 3.4 10.1  
 100 4.5 1.9 5.7

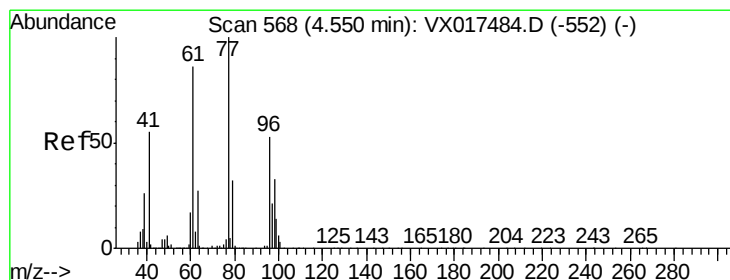
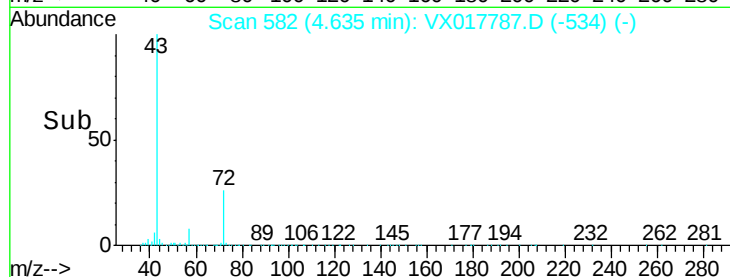
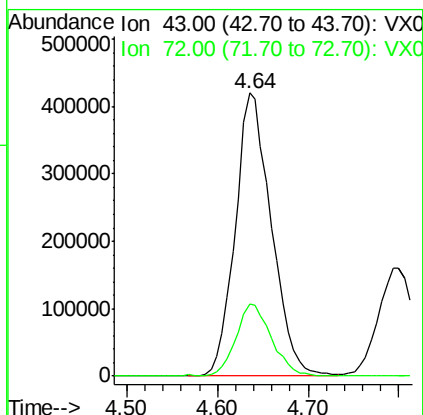
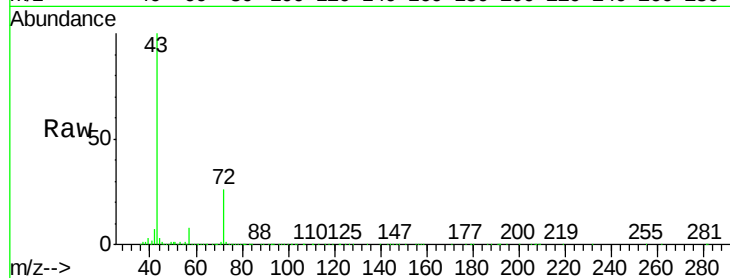




#25  
2-Butanone  
Concen: 271.573 ug/l  
RT: 4.64 min Scan# 582  
Delta R.T. -0.01 min  
Lab File: VX017787.D  
Acq: 05 Aug 2020 09:54

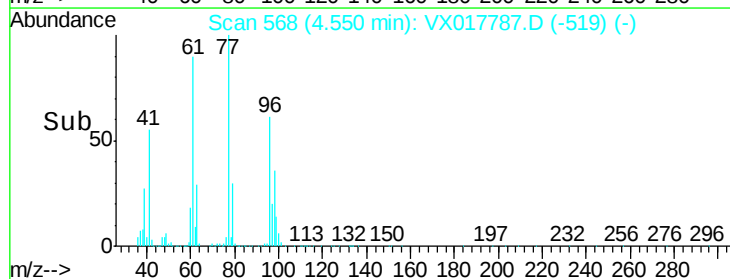
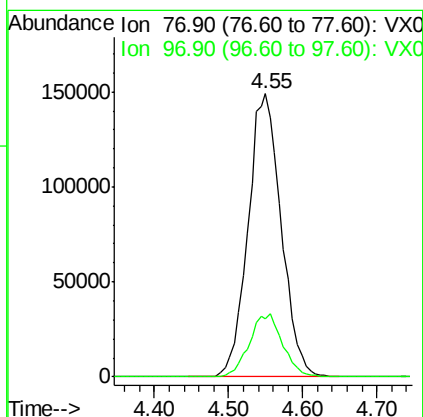
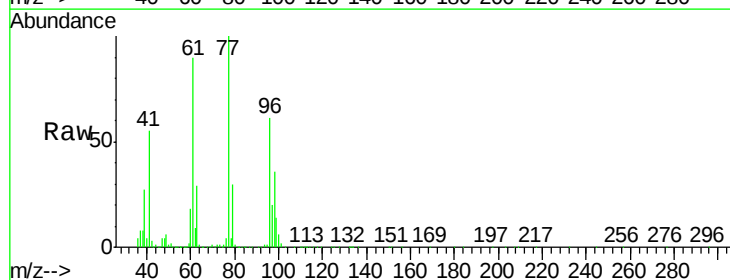
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

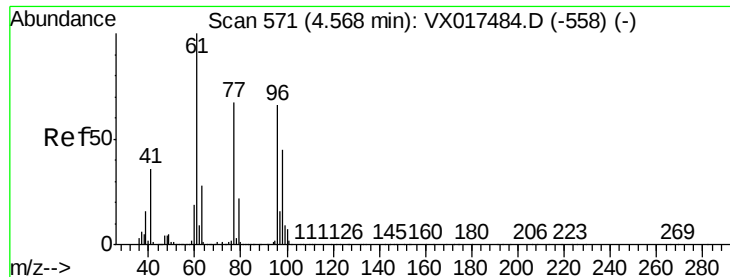
Tot Ion: 43 Resp: 1156375  
Ion Ratio Lower Upper  
43 100  
72 25.6 19.0 28.4



#26  
2,2-Dichloropropane  
Concen: 49.250 ug/l  
RT: 4.55 min Scan# 568  
Delta R.T. -0.00 min  
Lab File: VX017787.D  
Acq: 05 Aug 2020 09:54

Tgt Ion: 77 Resp: 464300  
Ion Ratio Lower Upper  
77 100  
97 22.3 10.9 32.9



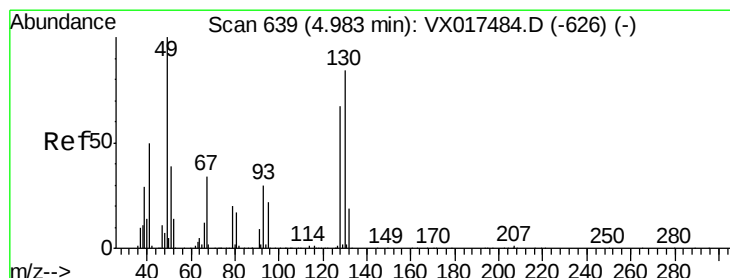
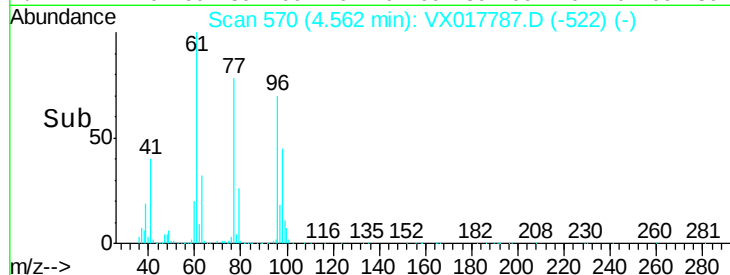
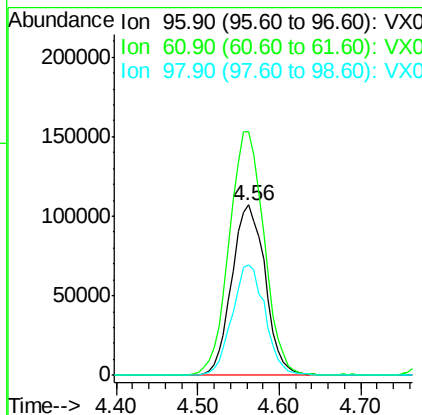
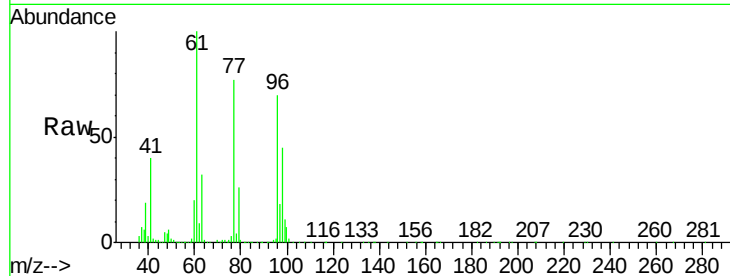


#27

cis-1,2-Dichloroethene  
Concen: 47.771 ug/l  
RT: 4.56 min Scan# 570  
Delta R.T. -0.01 min  
Lab File: VX017787.D  
Acq: 05 Aug 2020 09:54

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

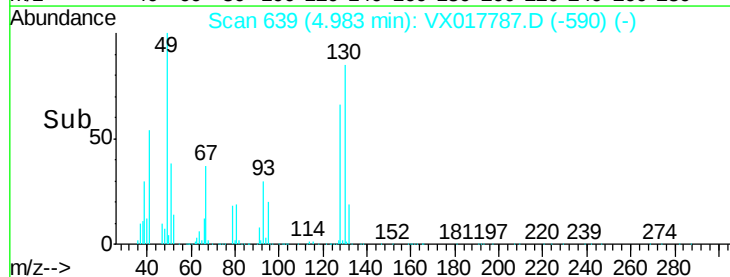
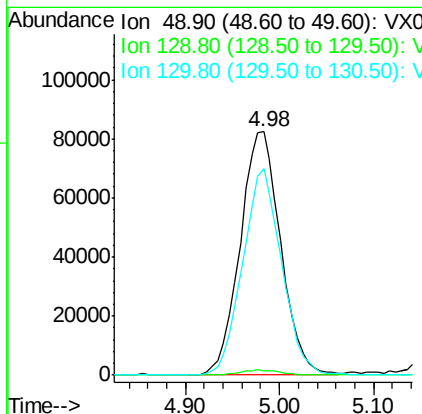
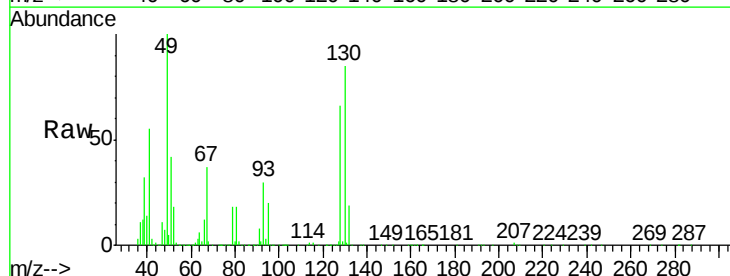
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 149.3 | 0.0   | 301.2 |
| 98      | 63.7  | 0.0   | 130.0 |

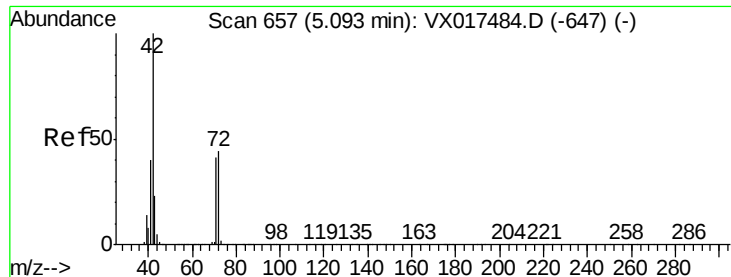


#28

Bromochloromethane  
Concen: 51.786 ug/l  
RT: 4.98 min Scan# 639  
Delta R.T. -0.00 min  
Lab File: VX017787.D  
Acq: 05 Aug 2020 09:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.3   | 0.0   | 4.6   |
| 130     | 82.3  | 66.7  | 100.1 |





#29

Tetrahydrofuran

Concen: 290.814 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

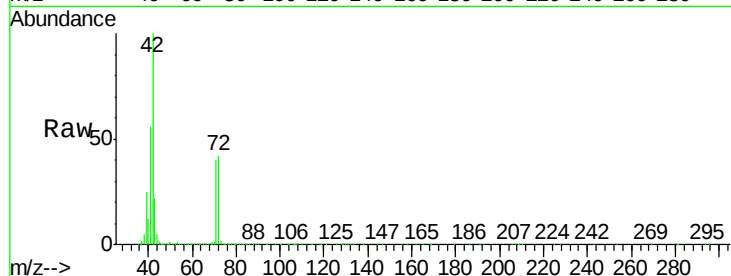
Tot Ion: 42 Resp: 767038

Ion Ratio Lower Upper

42 100

72 43.2 35.5 53.3

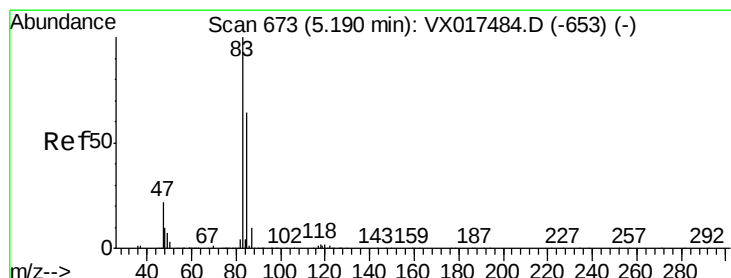
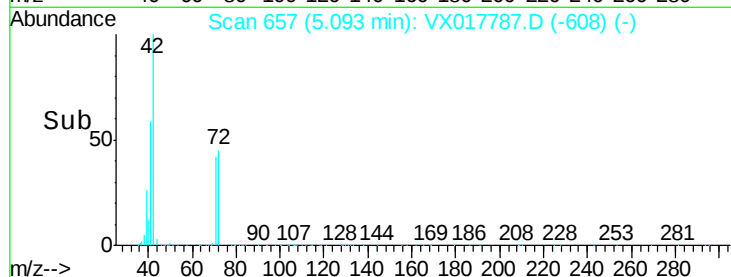
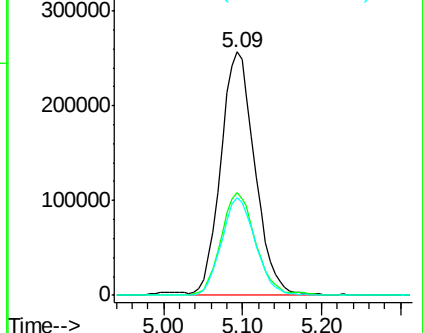
71 40.2 33.0 49.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 53.381 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.01 min

Lab File: VX017787.D

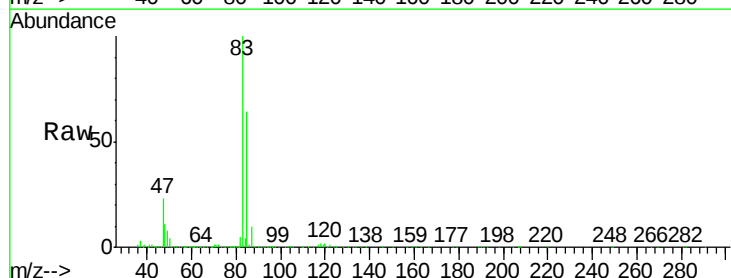
Acq: 05 Aug 2020 09:54

Tgt Ion: 83 Resp: 574441

Ion Ratio Lower Upper

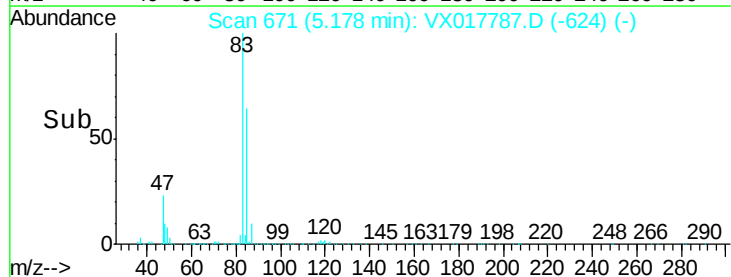
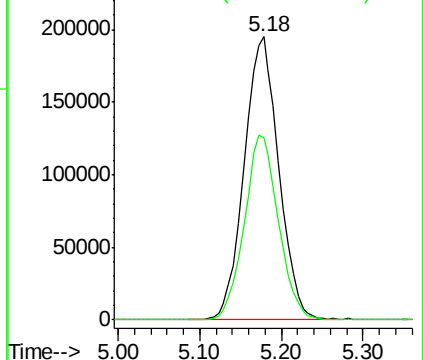
83 100

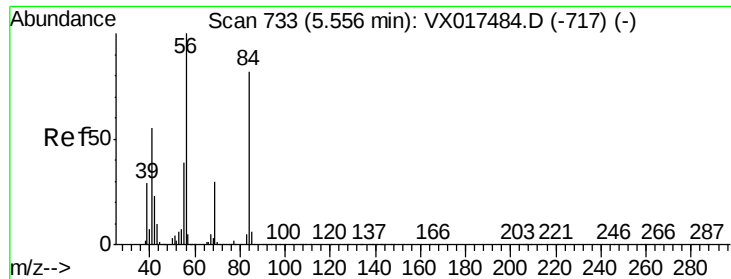
85 64.3 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 46.258 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

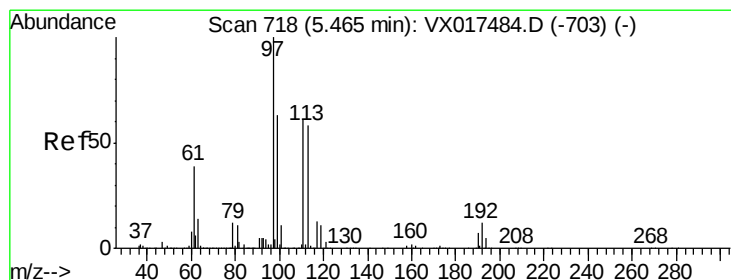
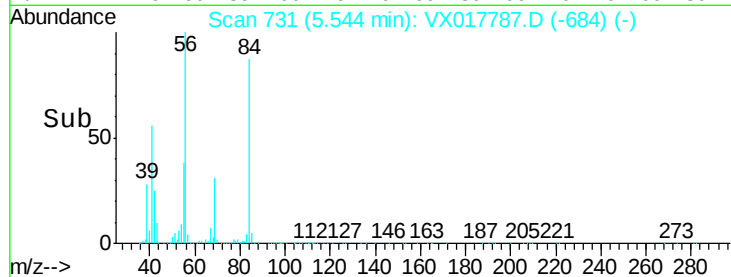
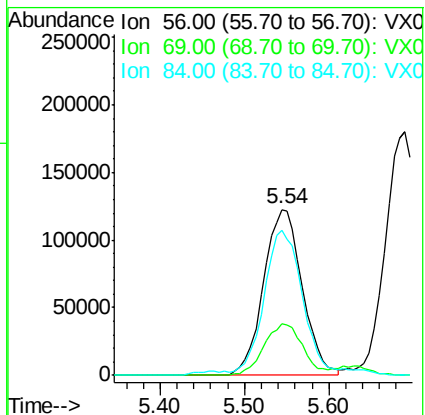
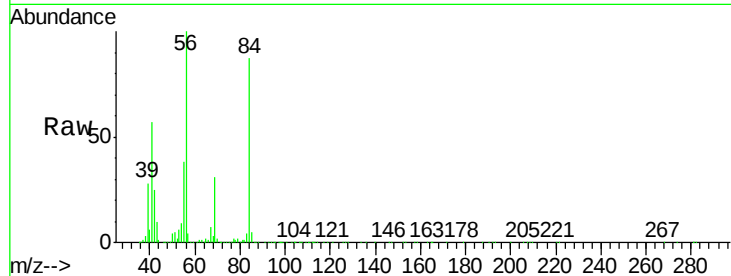
Tot Ion: 56 Resp: 388499

Ion Ratio Lower Upper

56 100

69 31.2 24.2 36.4

84 86.2 69.0 103.6



#32

1,1,1-Trichloroethane

Concen: 48.737 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

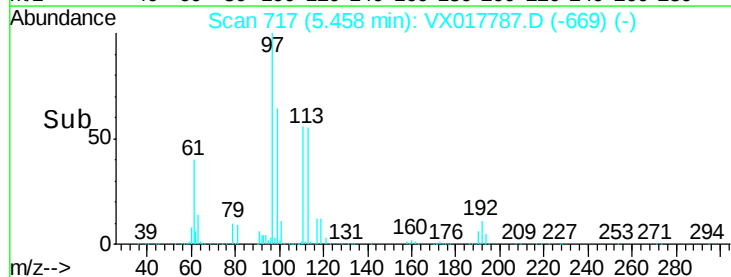
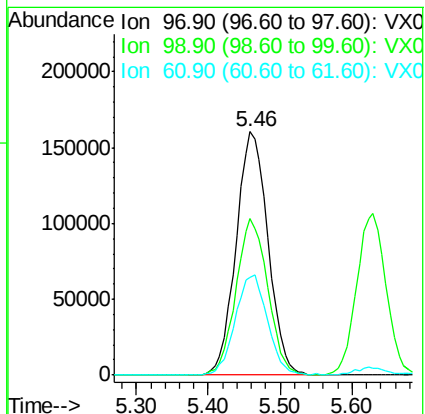
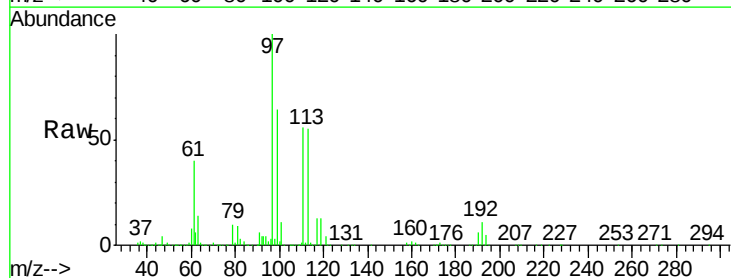
Tgt Ion: 97 Resp: 494567

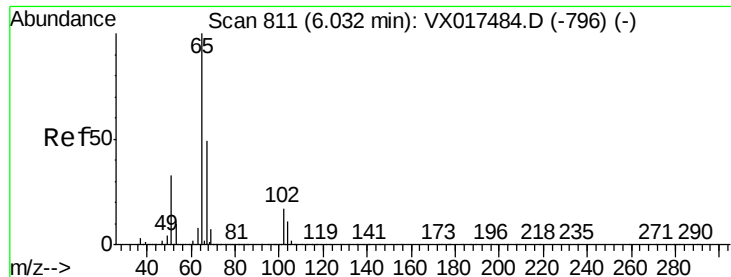
Ion Ratio Lower Upper

97 100

99 64.0 51.9 77.9

61 41.5 34.1 51.1





#33

1,2-Dichloroethane-d4

Concen: 51.471 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Instrument :

MSVOA\_X

ClientSampleId :

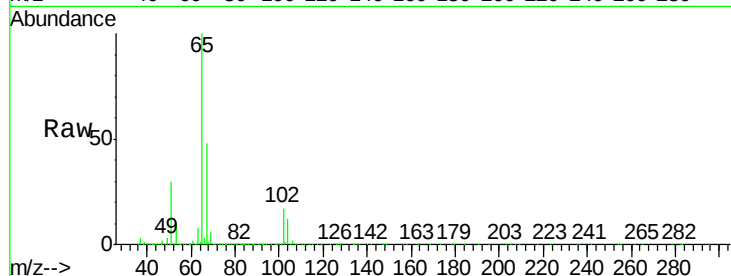
VSTDCCC050

Tot Ion: 65 Resp: 350526

Ion Ratio Lower Upper

65 100

67 50.3 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

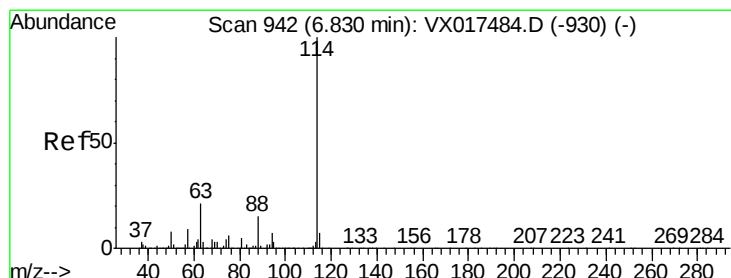
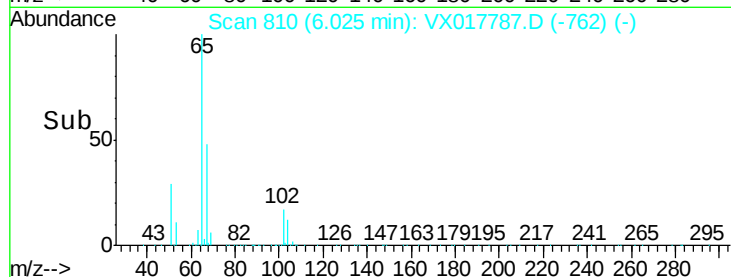
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

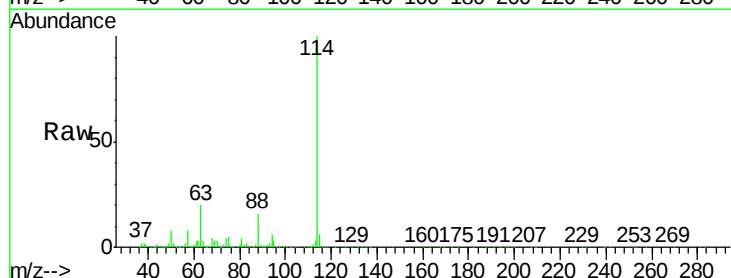
Tgt Ion: 114 Resp: 779023

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.6

88 16.2 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.83

400000

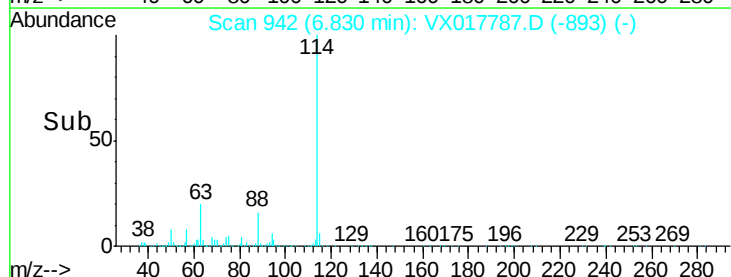
300000

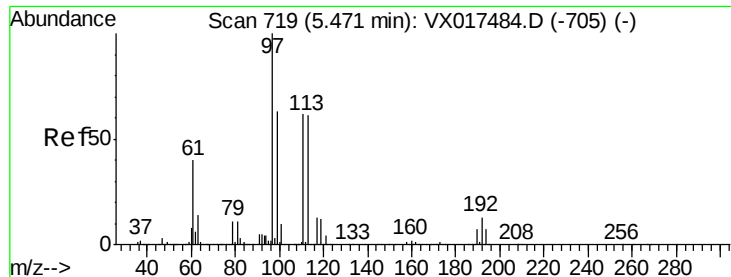
200000

100000

0

Time-->

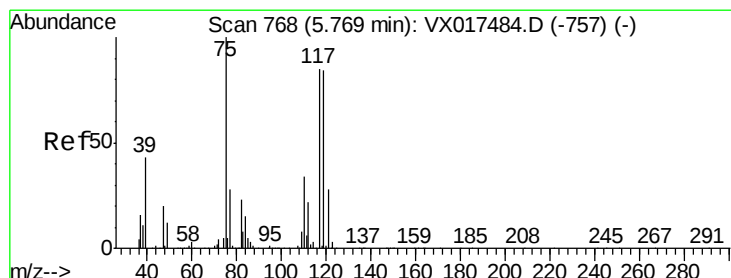
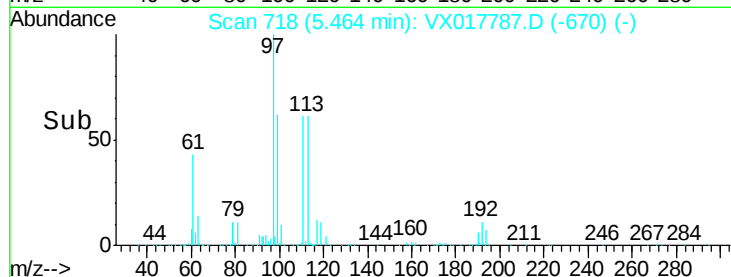
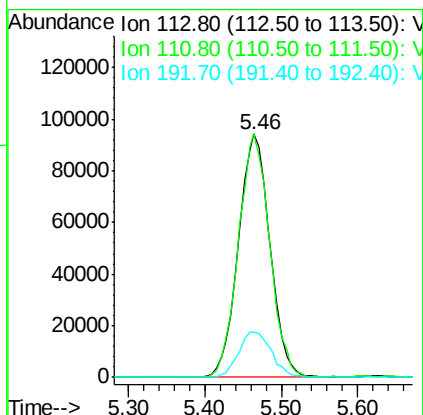
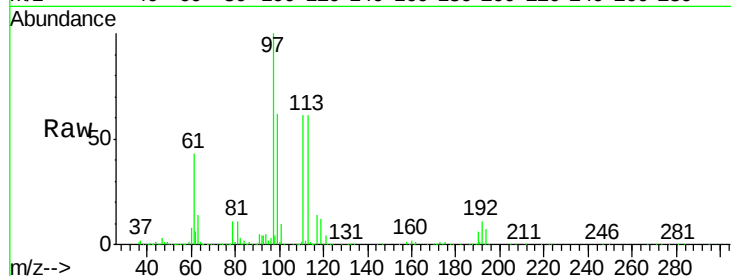




#35  
 Dibromofluoromethane  
 Concen: 51.865 ug/l  
 RT: 5.46 min Scan# 718  
 Delta R.T. -0.01 min  
 Lab File: VX017787.D  
 Acq: 05 Aug 2020 09:54

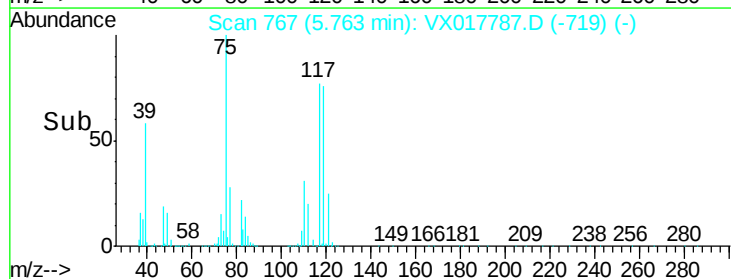
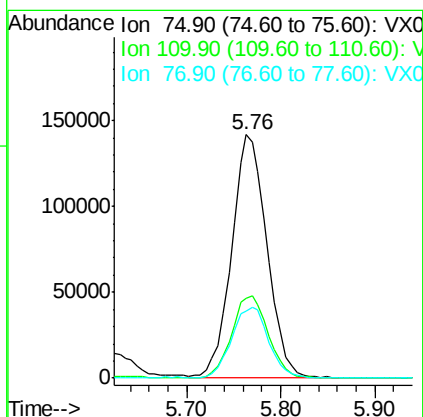
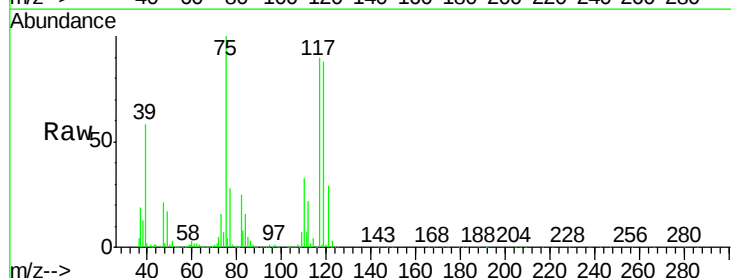
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

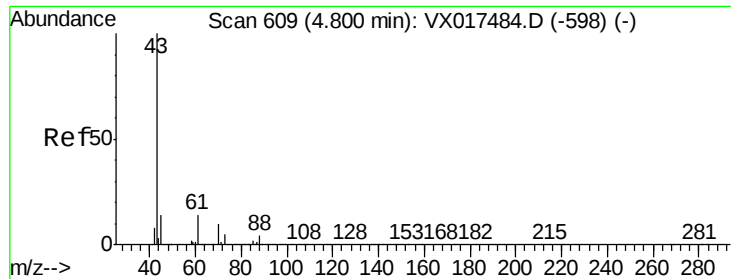
Tot Ion:113 Resp: 270223  
 Ion Ratio Lower Upper  
 113 100  
 111 98.9 80.7 121.1  
 192 19.4 16.9 25.3



#36  
 1,1-Dichloropropene  
 Concen: 49.261 ug/l  
 RT: 5.76 min Scan# 767  
 Delta R.T. -0.01 min  
 Lab File: VX017787.D  
 Acq: 05 Aug 2020 09:54

Tgt Ion: 75 Resp: 368054  
 Ion Ratio Lower Upper  
 75 100  
 110 35.0 18.1 54.3  
 77 30.7 24.6 37.0

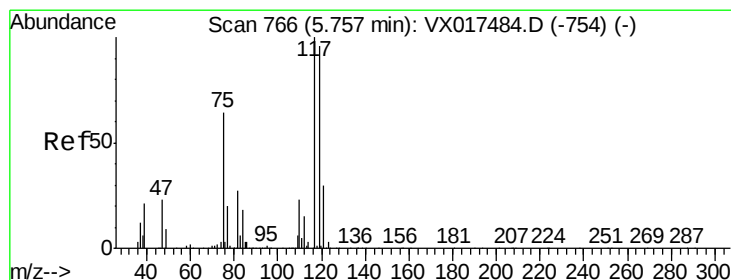
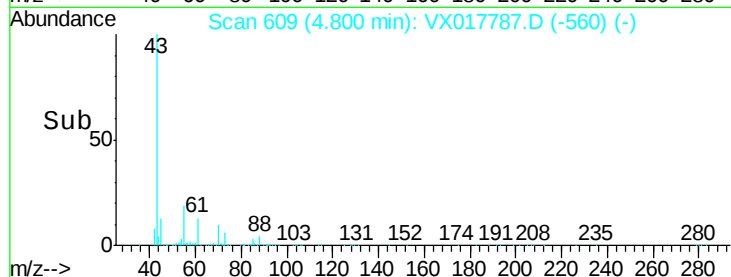
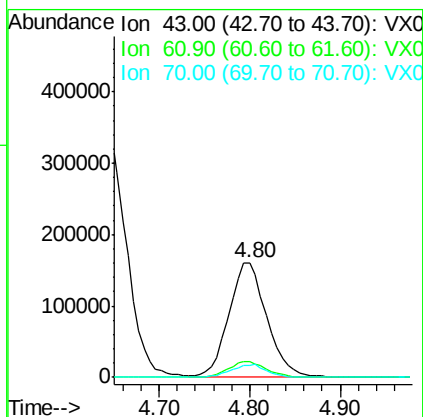
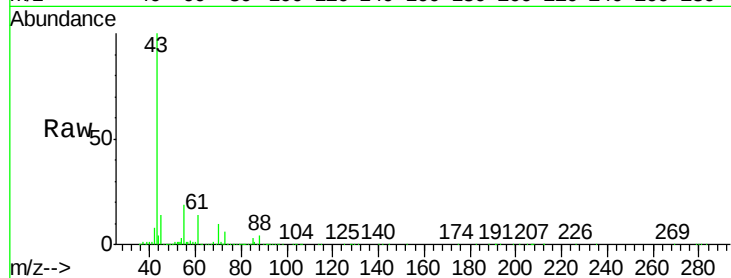




#37  
Ethyl Acetate  
Concen: 56.547 ug/l  
RT: 4.80 min Scan# 609  
Delta R.T. -0.00 min  
Lab File: VX017787.D  
Acq: 05 Aug 2020 09:54

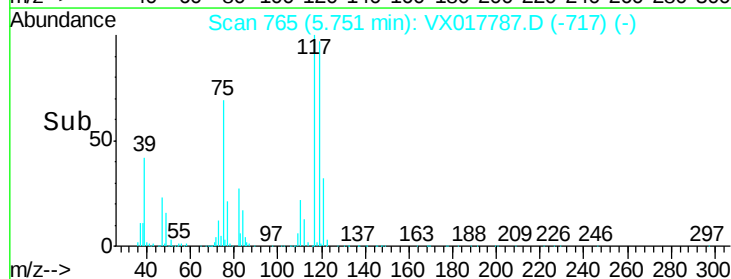
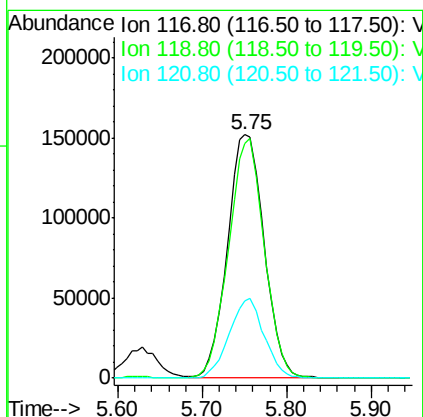
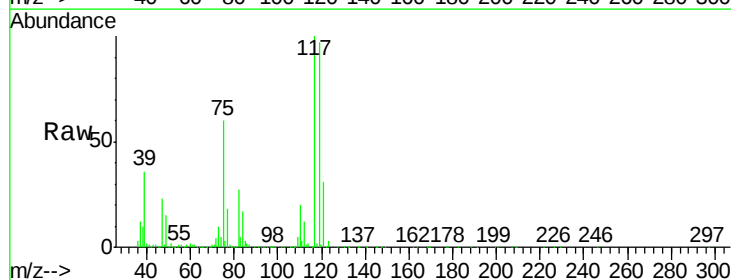
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

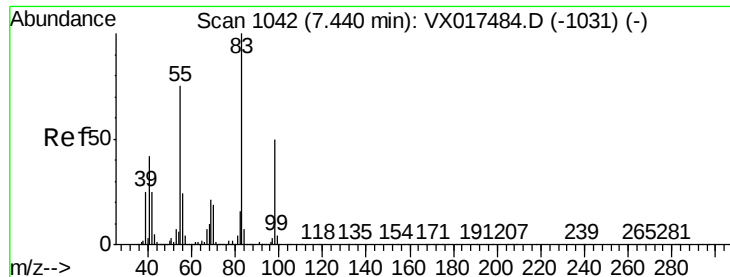
Tot Ion: 43 Resp: 462268  
Ion Ratio Lower Upper  
43 100  
61 13.8 10.7 16.1  
70 10.5 8.5 12.7



#38  
Carbon Tetrachloride  
Concen: 49.380 ug/l  
RT: 5.75 min Scan# 765  
Delta R.T. -0.01 min  
Lab File: VX017787.D  
Acq: 05 Aug 2020 09:54

Tgt Ion: 117 Resp: 448033  
Ion Ratio Lower Upper  
117 100  
119 96.4 75.4 113.0  
121 31.5 24.3 36.5

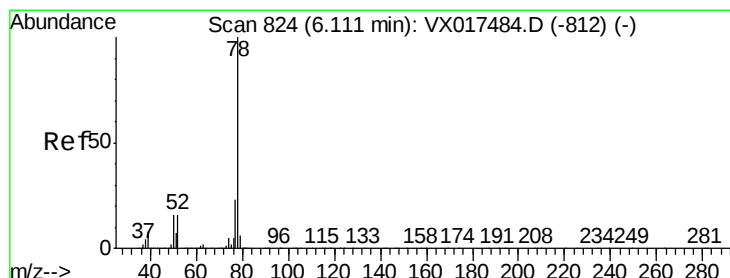
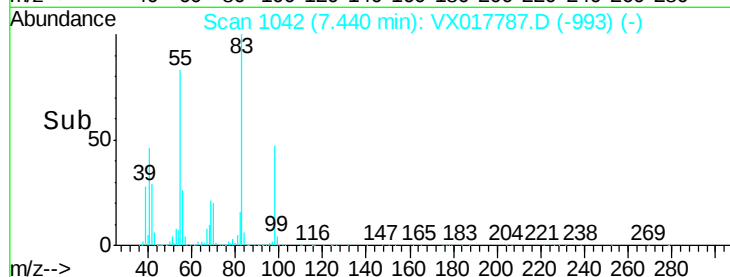
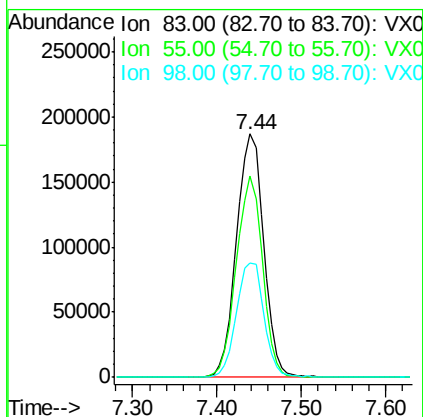
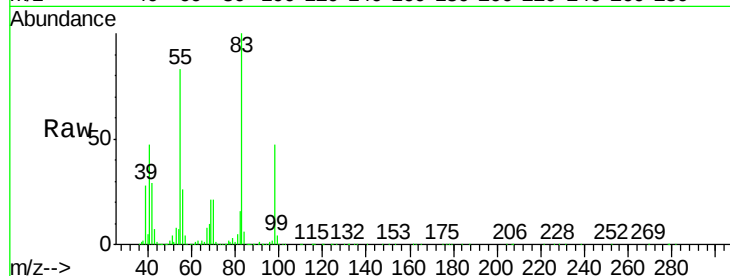




#39  
Methvlcvclohexane  
Concen: 46.656 ug/l  
RT: 7.44 min Scan# 1042  
Delta R.T. -0.00 min  
Lab File: VX017787.D  
Acq: 05 Aug 2020 09:54

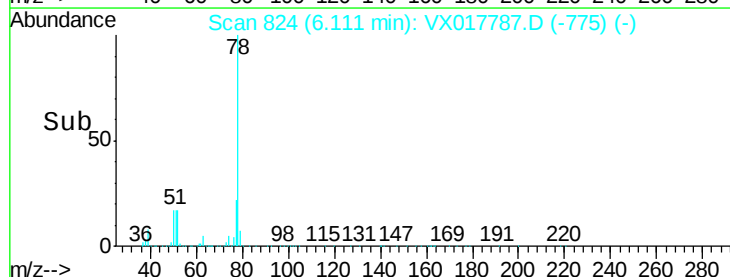
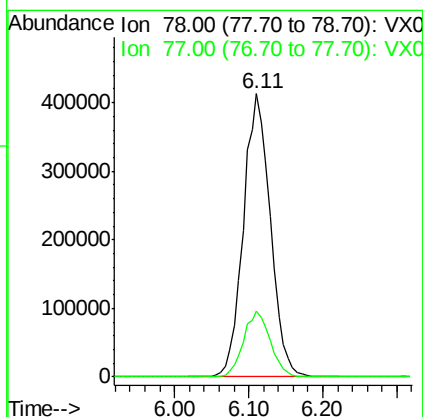
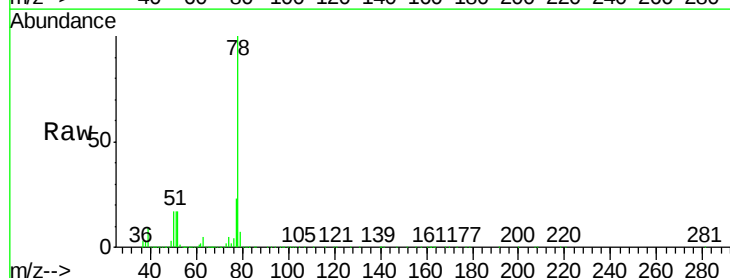
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

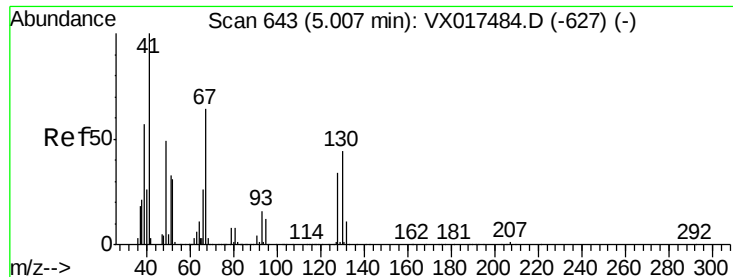
| Tot Ion | 83.00 | Resp  | 406941 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 83      | 100   |       |        |
| 55      | 82.6  | 61.8  | 92.8   |
| 98      | 47.0  | 36.9  | 55.3   |



#40  
Benzene  
Concen: 48.943 ug/l  
RT: 6.11 min Scan# 824  
Delta R.T. -0.00 min  
Lab File: VX017787.D  
Acq: 05 Aug 2020 09:54

| Tgt Ion | 78.00 | Resp  | 1048393 |
|---------|-------|-------|---------|
| Ion     | Ratio | Lower | Upper   |
| 78      | 100   |       |         |
| 77      | 23.0  | 19.4  | 29.2    |

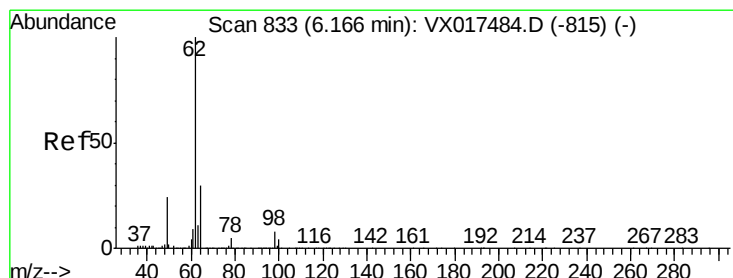
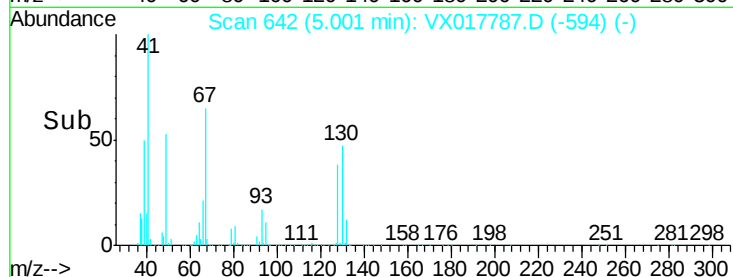
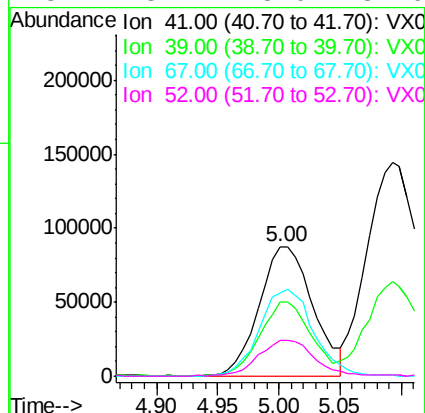
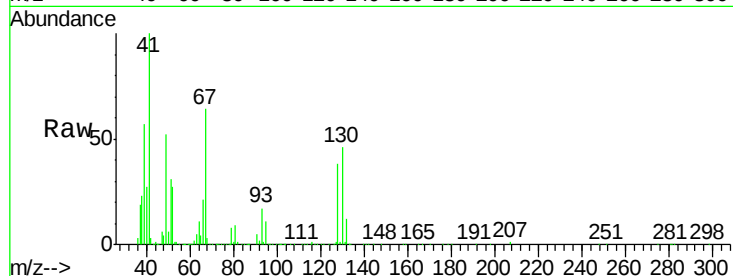




#41  
Methacrylonitrile  
Concen: 56.984 ug/l  
RT: 5.00 min Scan# 642  
Delta R.T. -0.01 min  
Lab File: VX017787.D  
Acq: 05 Aug 2020 09:54

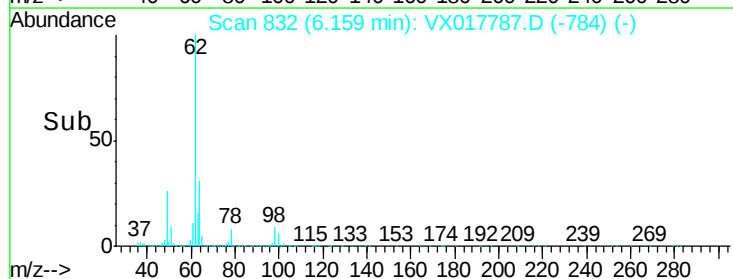
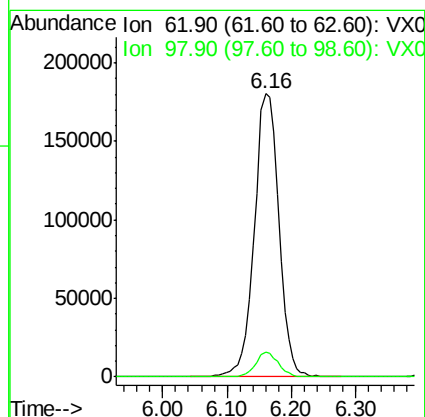
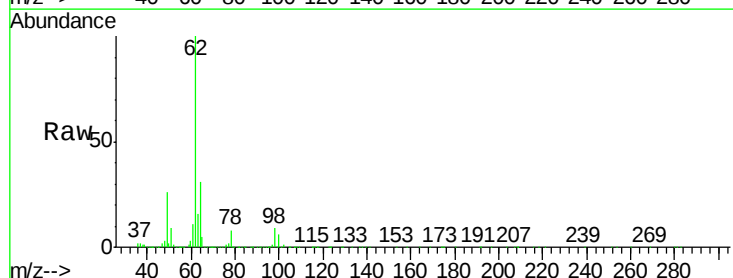
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

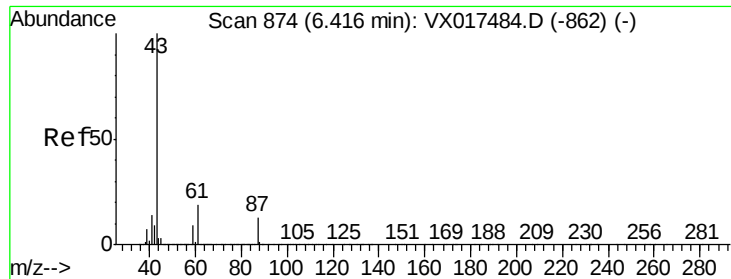
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 41    | Resp: | 267019 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 54.0  | 43.9  | 65.9   |
| 67       | 67.9  | 54.0  | 81.0   |
| 52       | 28.2  | 23.0  | 34.6   |



#42  
1,2-Dichloroethane  
Concen: 53.521 ug/l  
RT: 6.16 min Scan# 832  
Delta R.T. -0.01 min  
Lab File: VX017787.D  
Acq: 05 Aug 2020 09:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 469020 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.1   | 0.0   | 16.0   |



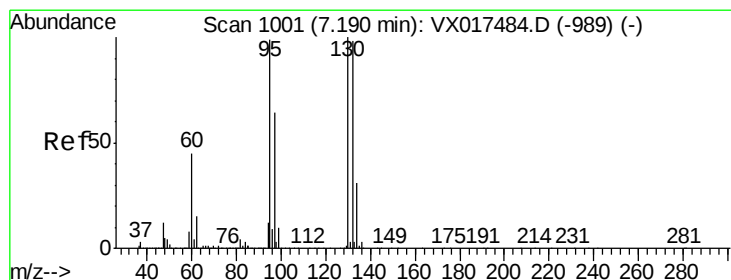
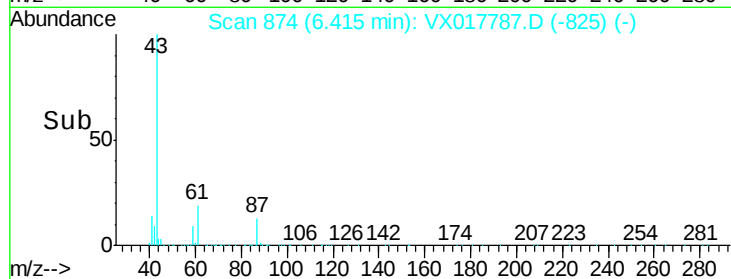
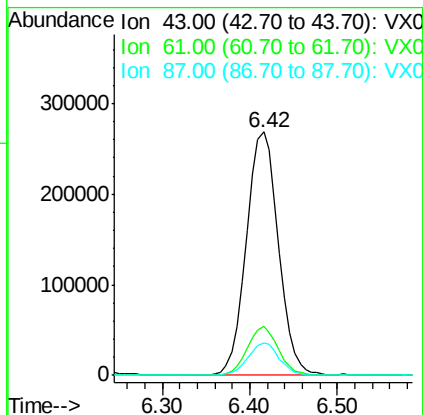
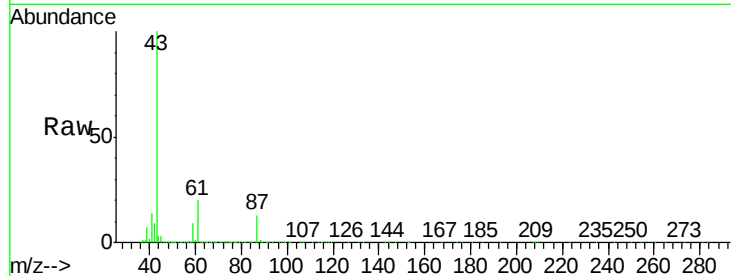


#43

Isopropyl Acetate  
 Concen: 50.596 ug/l  
 RT: 6.42 min Scan# 874  
 Delta R.T. -0.00 min  
 Lab File: VX017787.D  
 Acq: 05 Aug 2020 09:54

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

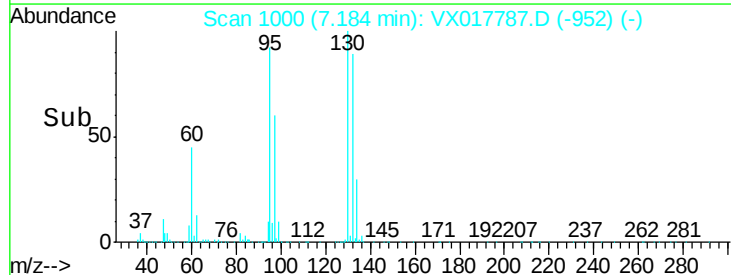
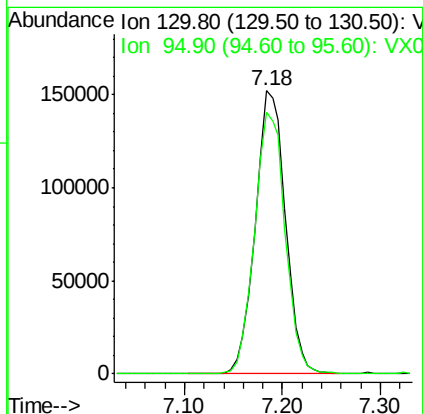
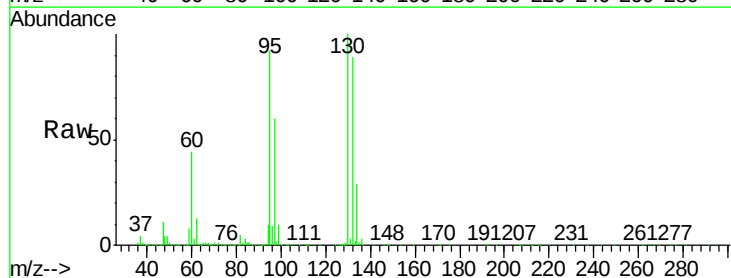
| Tot Ion   | 43    | Resp  | 682446 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 61        | 19.3  | 15.5  | 23.3   |
| 87        | 13.1  | 10.5  | 15.7   |

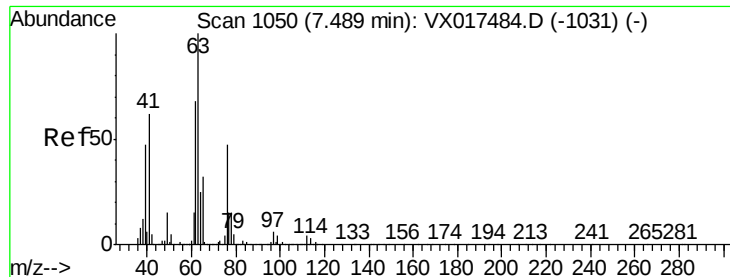


#44

Trichloroethene  
 Concen: 51.847 ug/l  
 RT: 7.18 min Scan# 1000  
 Delta R.T. -0.01 min  
 Lab File: VX017787.D  
 Acq: 05 Aug 2020 09:54

| Tgt Ion   | 130   | Resp  | 324562 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 130       | 100   |       |        |
| 95        | 92.2  | 0.0   | 189.0  |





#45

1,2-Dichloropropane

Concen: 48.063 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Instrument :

MSVOA\_X

ClientSampleId :

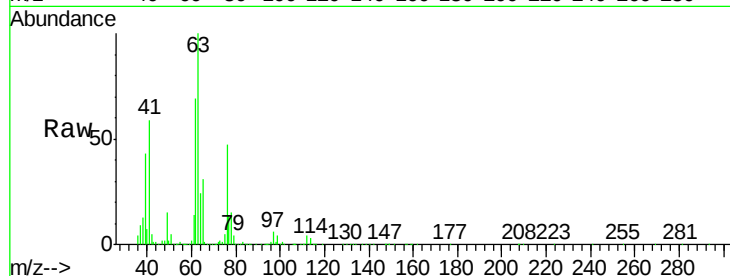
VSTDCCC050

Tot Ion: 63 Resp: 285402

Ion Ratio Lower Upper

63 100

65 30.9 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

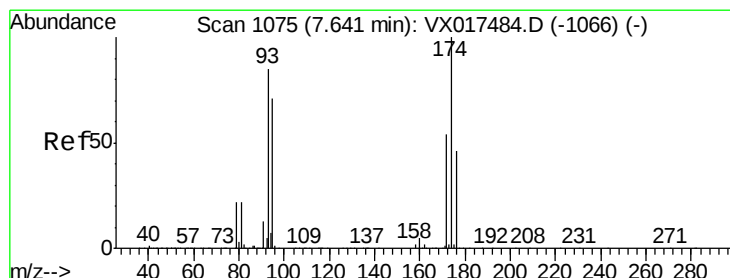
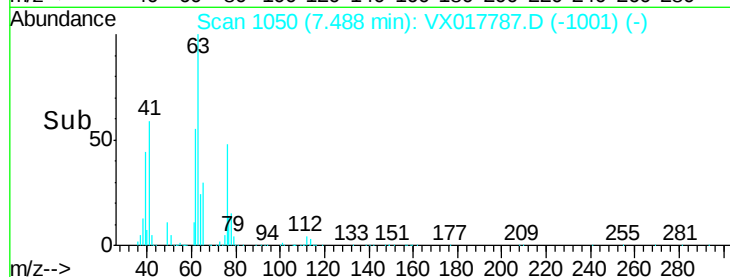
150000

100000

50000

0

Time--> 7.30 7.40 7.50 7.60



#46

Dibromomethane

Concen: 52.454 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

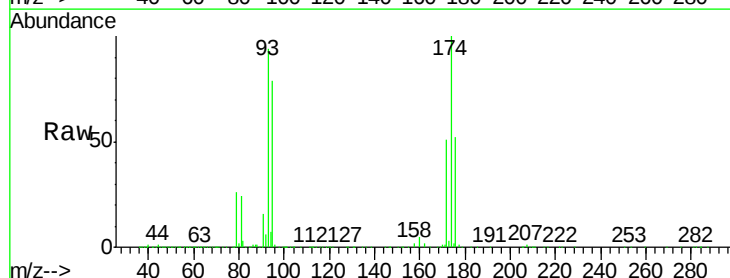
Tgt Ion: 93 Resp: 220125

Ion Ratio Lower Upper

93 100

95 83.5 66.6 99.8

174 107.1 87.0 130.6



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

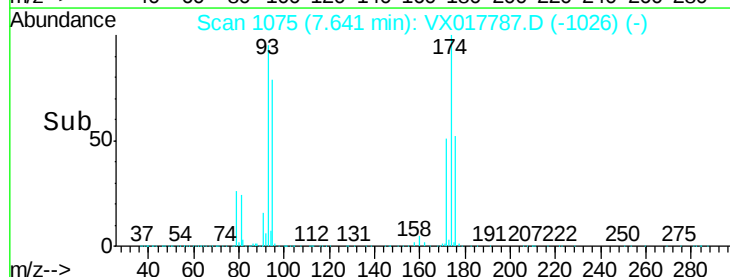
150000

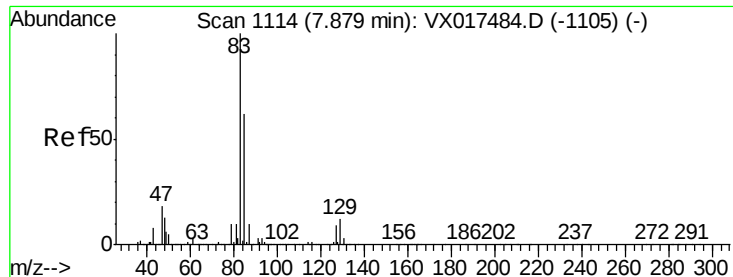
100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75





#47

Bromodichloromethane

Concen: 56.487 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

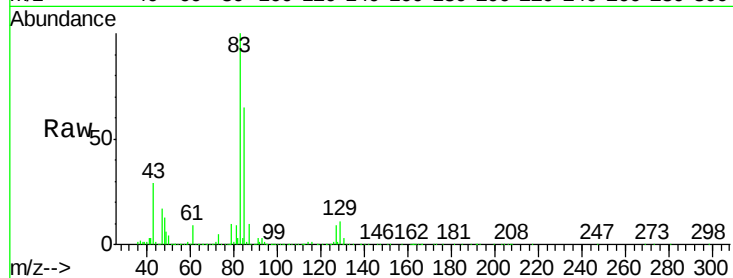
Tot Ion: 83 Resp: 476969

Ion Ratio Lower Upper

83 100

85 64.5 51.8 77.8

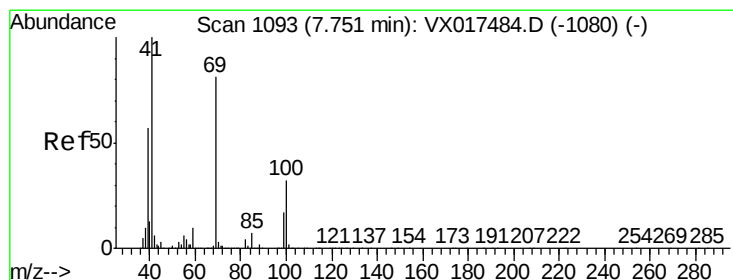
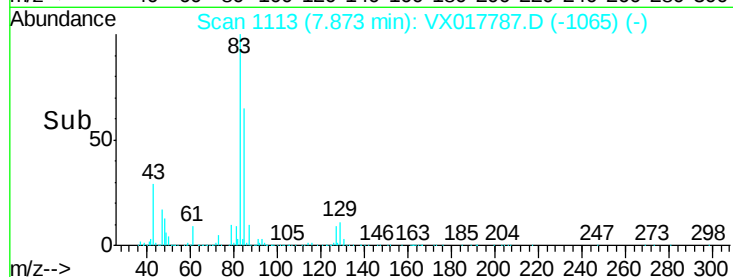
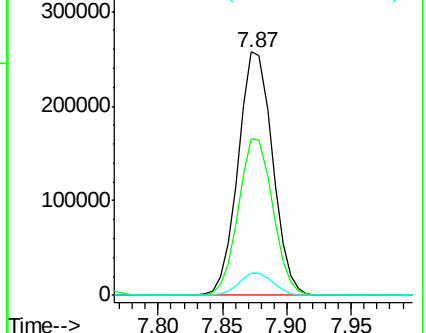
127 9.2 7.4 11.2



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: 52.537 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

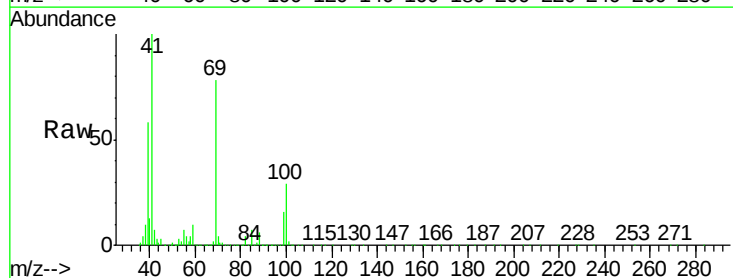
Tgt Ion: 41 Resp: 351266

Ion Ratio Lower Upper

41 100

69 79.1 63.1 94.7

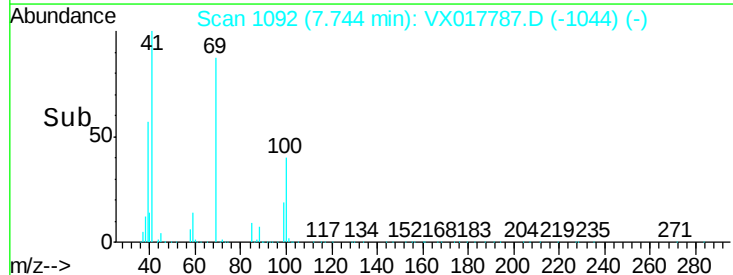
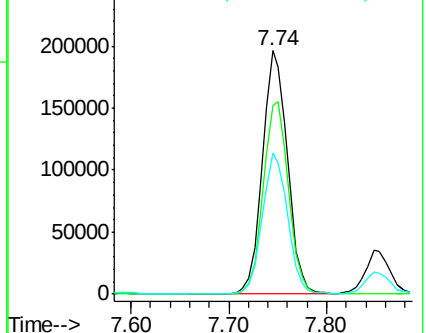
39 57.7 45.1 67.7

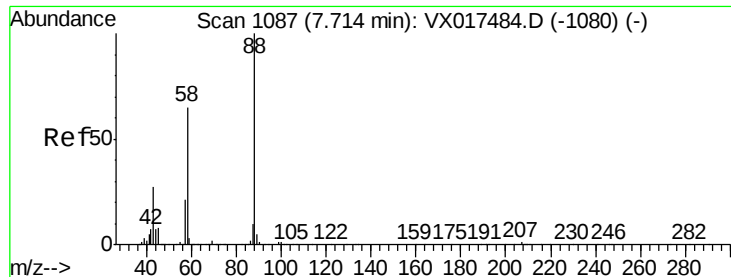


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 948.989 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

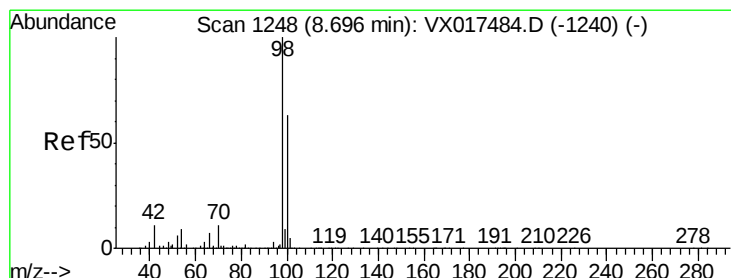
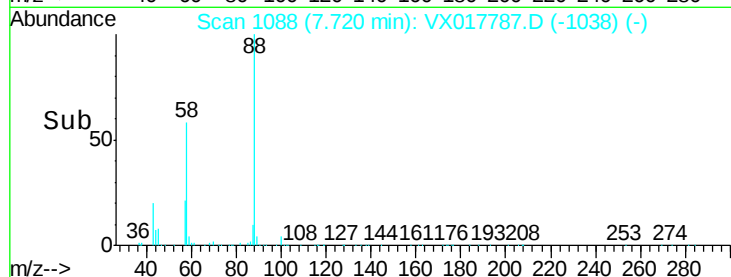
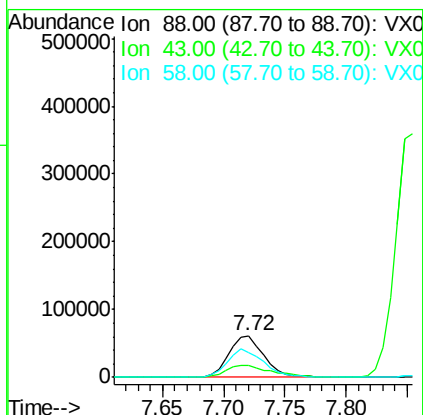
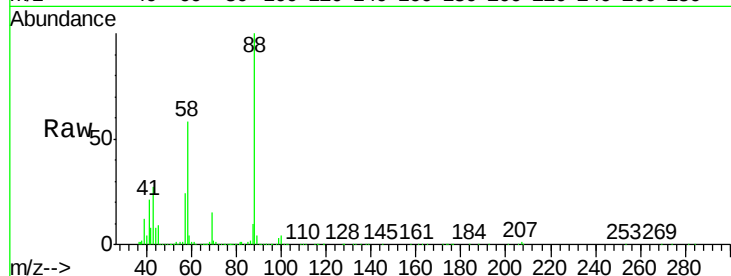
Tot Ion: 88 Resp: 121648

Ion Ratio Lower Upper

88 100

43 34.7 27.8 41.6

58 70.4 58.3 87.5



#50

Toluene-d8

Concen: 49.819 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017787.D

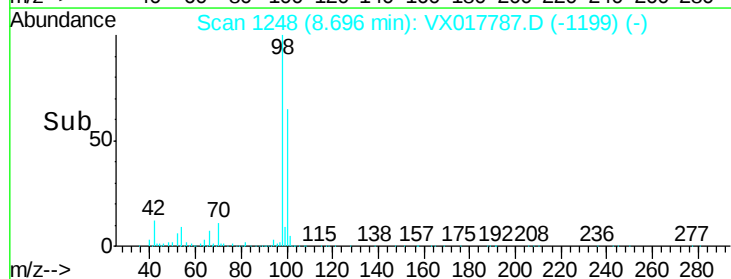
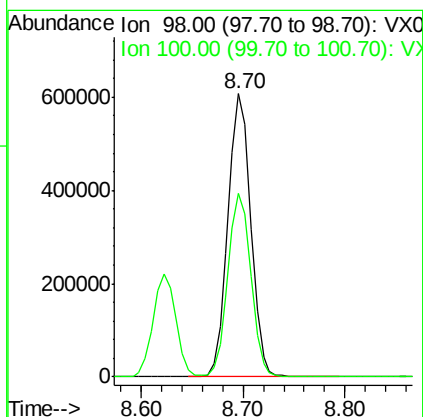
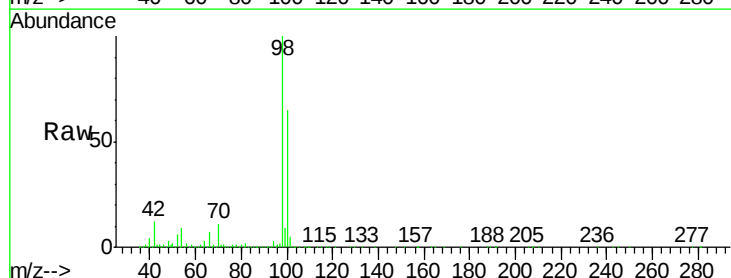
Acq: 05 Aug 2020 09:54

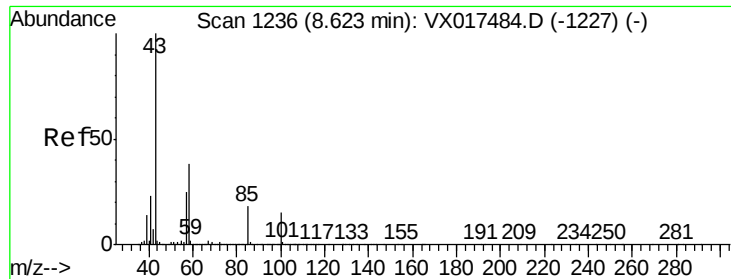
Tgt Ion: 98 Resp: 936374

Ion Ratio Lower Upper

98 100

100 65.4 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 283.953 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Instrument :

MSVOA\_X

ClientSampleId :

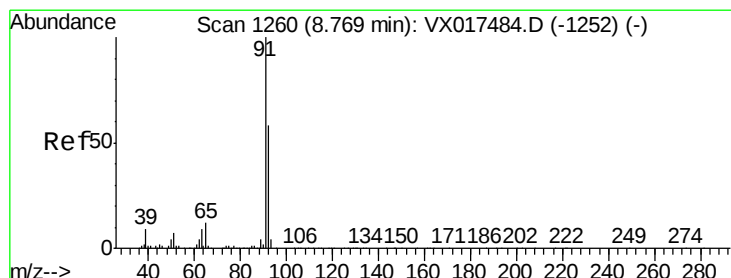
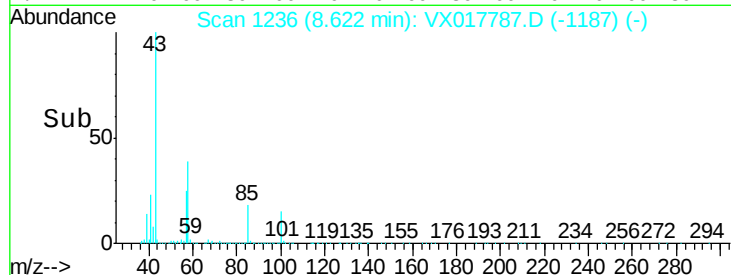
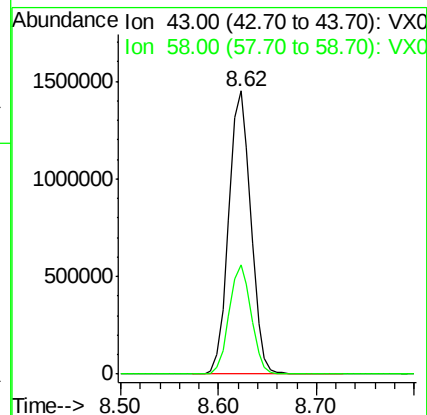
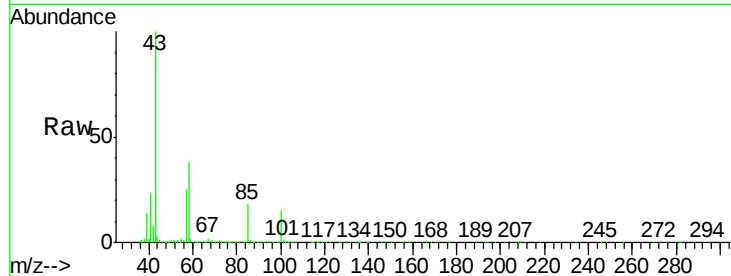
VSTDCCC050

Tot Ion: 43 Resp: 2285240

Ion Ratio Lower Upper

43 100

58 38.2 31.0 46.4



#52

Toluene

Concen: 50.431 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX017787.D

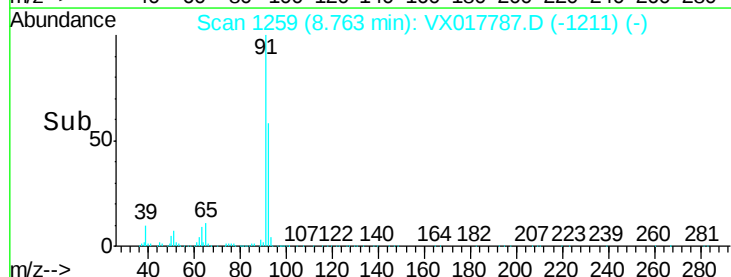
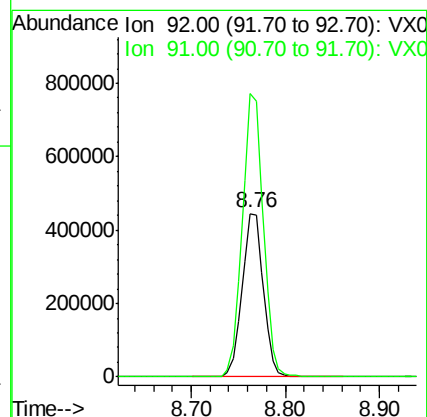
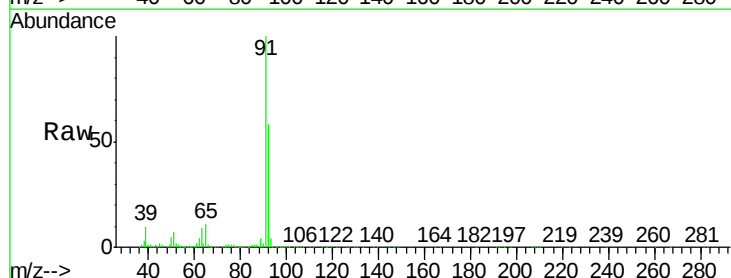
Acq: 05 Aug 2020 09:54

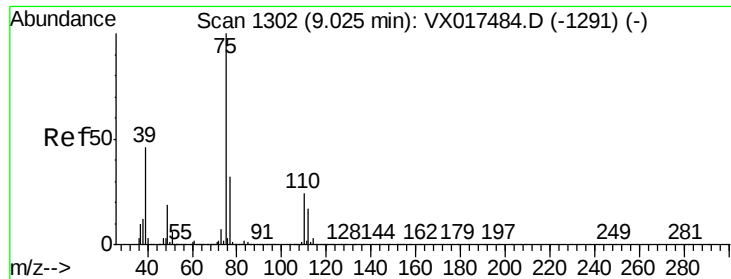
Tgt Ion: 92 Resp: 692789

Ion Ratio Lower Upper

92 100

91 172.8 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 51.678 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Instrument :

MSVOA\_X

ClientSampleId :

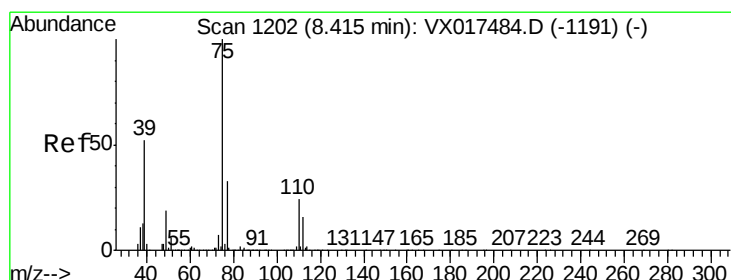
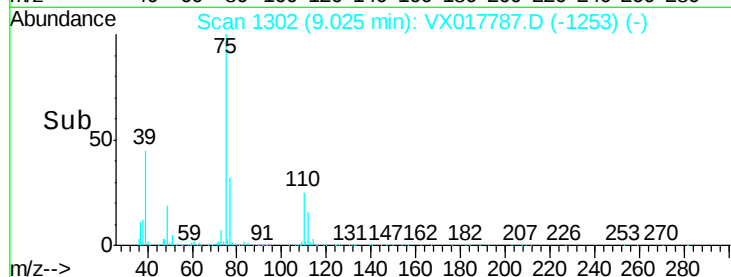
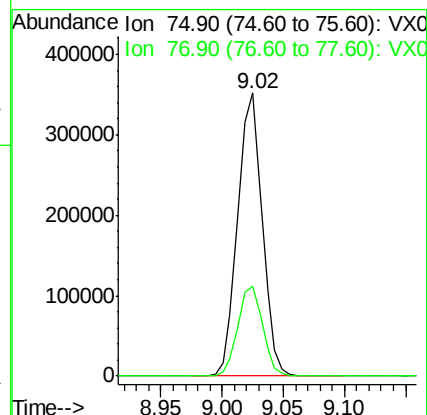
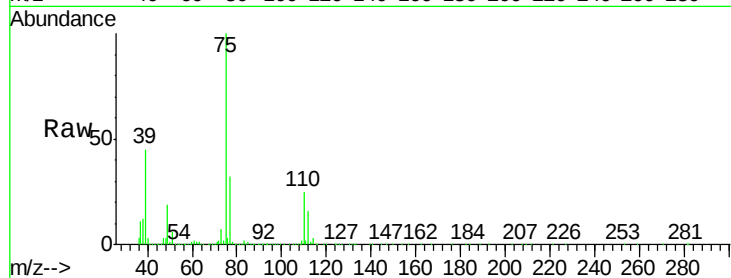
VSTDCCC050

Tot Ion: 75 Resp: 488477

Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 50.398 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

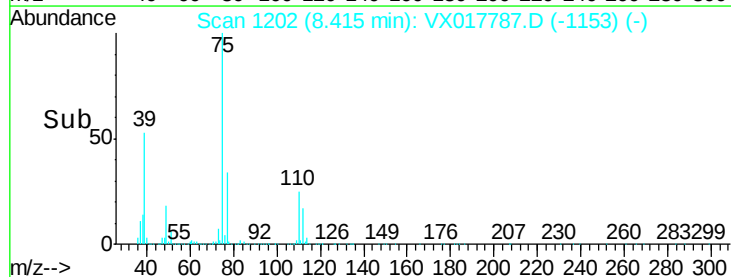
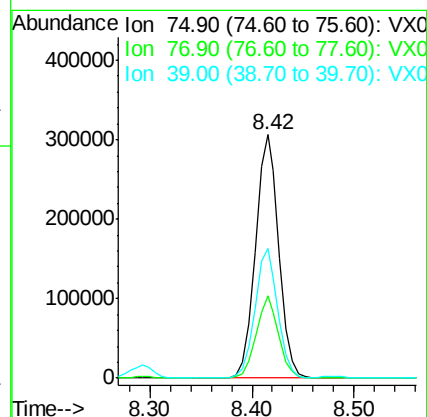
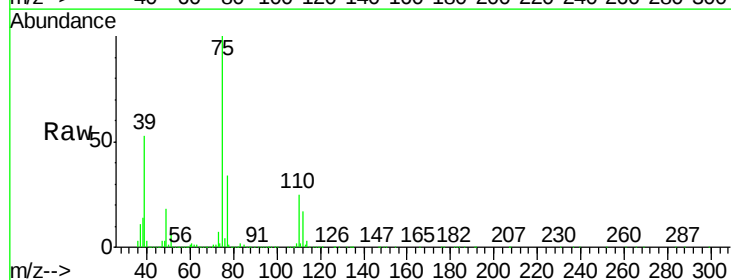
Tgt Ion: 75 Resp: 485907

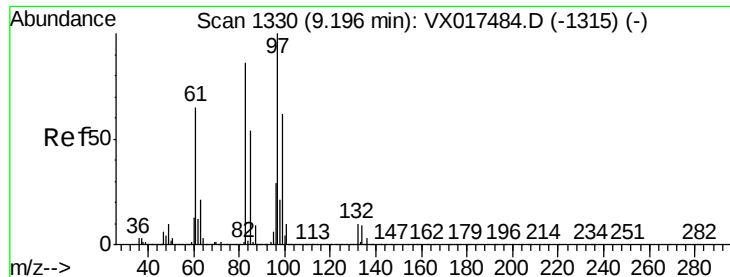
Ion Ratio Lower Upper

75 100

77 33.5 25.5 38.3

39 52.9 41.8 62.8

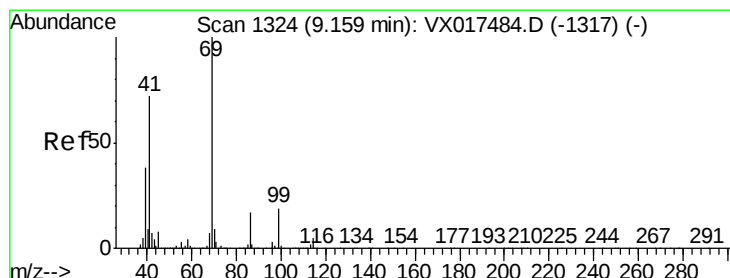
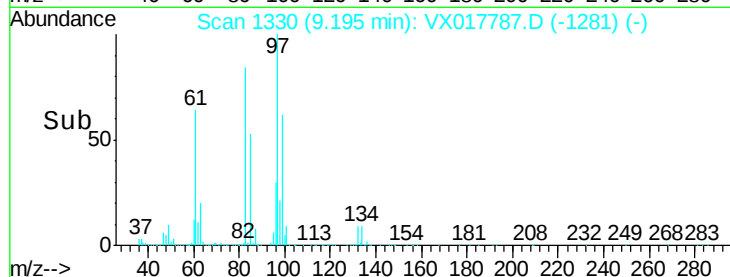
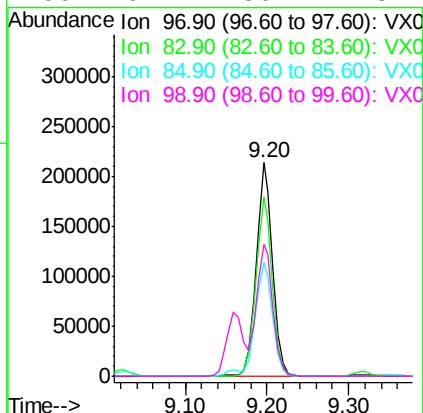
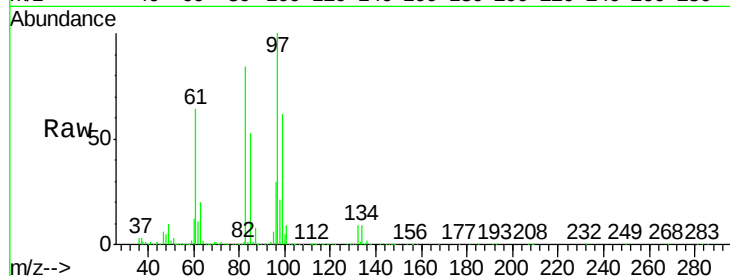




#55  
 1,1,2-Trichloroethane  
 Concen: 53.151 ug/l  
 RT: 9.20 min Scan# 1330  
 Delta R.T. -0.00 min  
 Lab File: VX017787.D  
 Acq: 05 Aug 2020 09:54

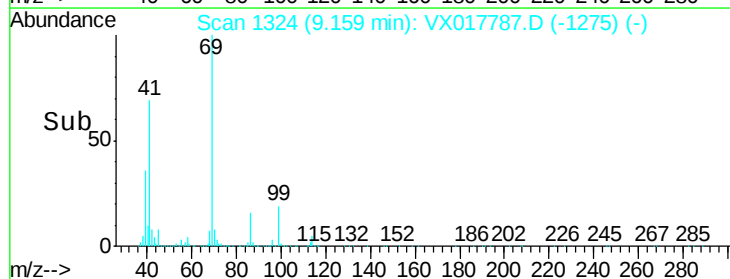
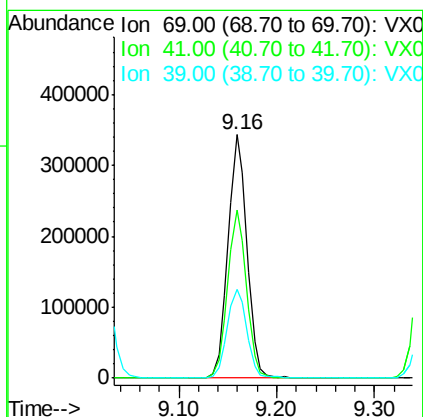
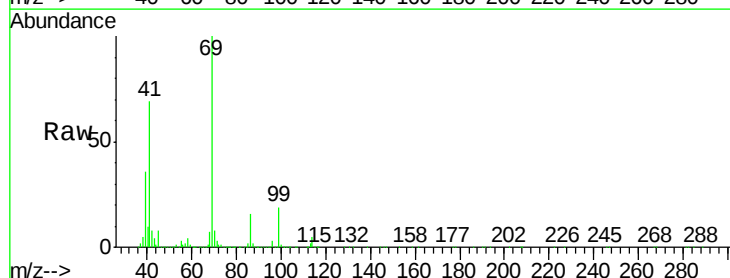
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

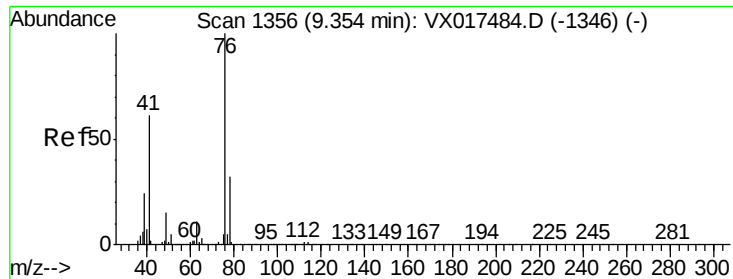
| Tot Ion: | 97    | Resp: | 304166 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 83.9  | 67.6  | 101.4  |
| 85       | 53.4  | 44.6  | 67.0   |
| 99       | 61.7  | 50.2  | 75.4   |



#56  
 Ethyl methacrylate  
 Concen: 53.508 ug/l  
 RT: 9.16 min Scan# 1324  
 Delta R.T. -0.00 min  
 Lab File: VX017787.D  
 Acq: 05 Aug 2020 09:54

| Tgt Ion: | 69    | Resp: | 461326 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 68.4  | 55.0  | 82.6   |
| 39       | 37.7  | 30.0  | 45.0   |





#57

1,3-Dichloropropane

Concen: 53.178 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Instrument :

MSVOA\_X

ClientSampleId :

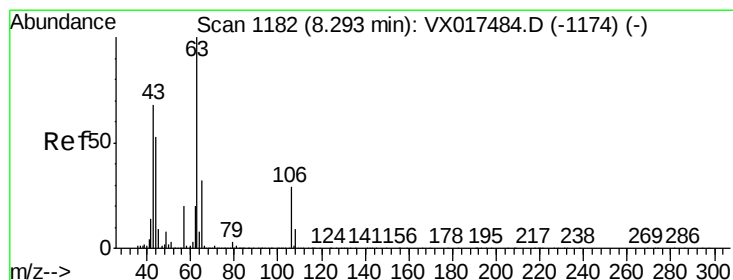
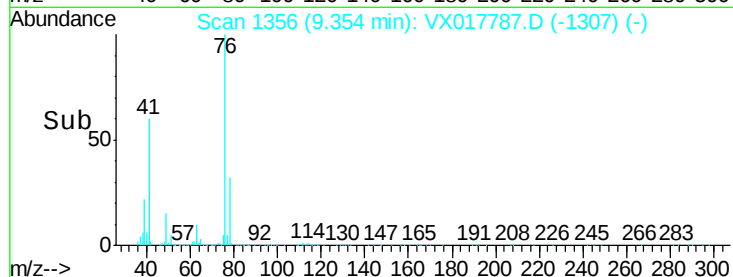
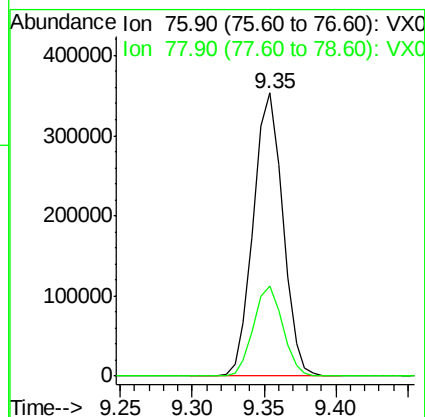
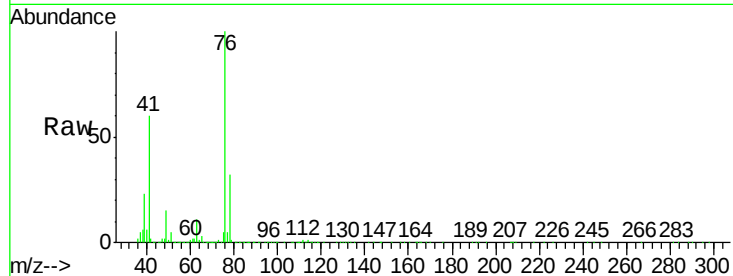
VSTDCCC050

Tot Ion: 76 Resp: 501099

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 247.086 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017787.D

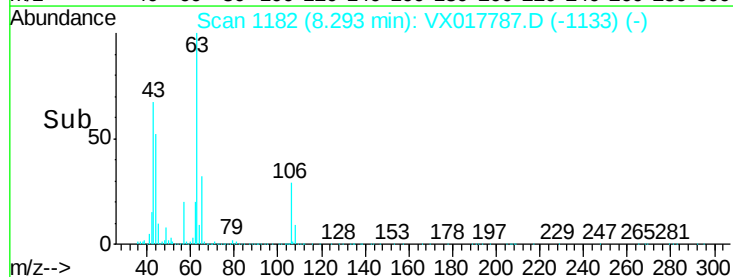
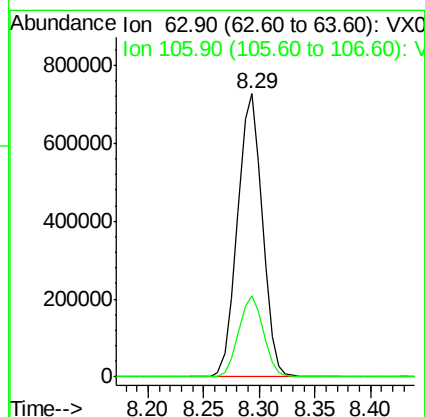
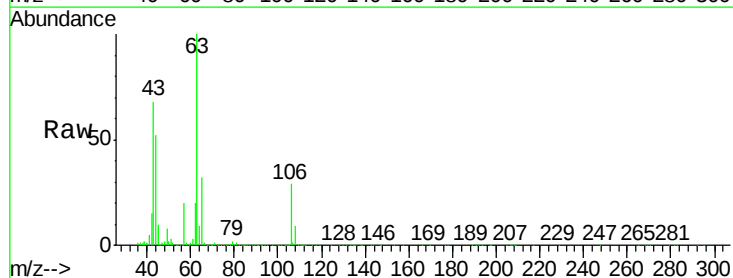
Acq: 05 Aug 2020 09:54

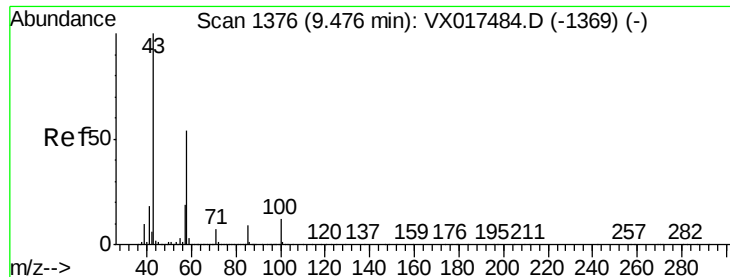
Tgt Ion: 63 Resp: 1122333

Ion Ratio Lower Upper

63 100

106 28.6 22.6 34.0

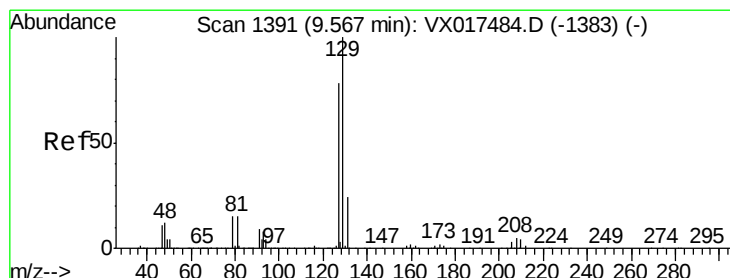
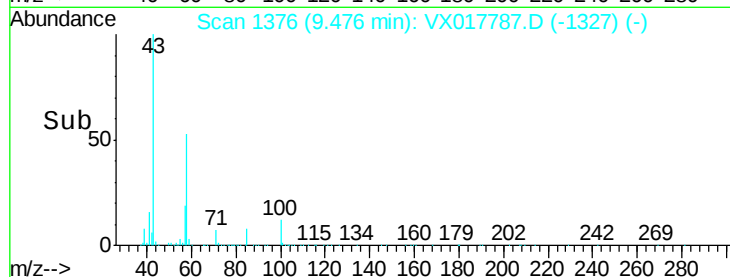
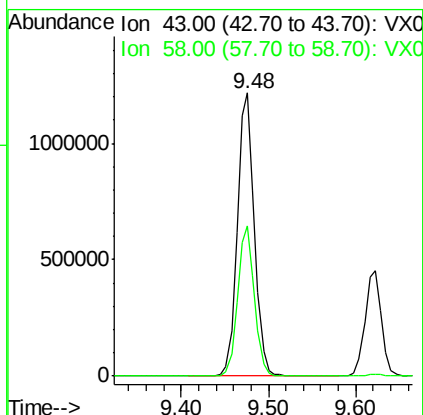
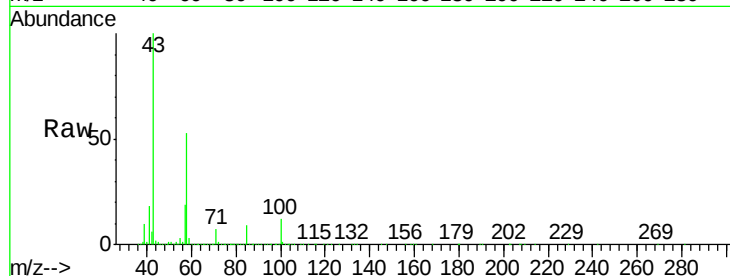




#59  
2-Hexanone  
Concen: 272.230 ug/l  
RT: 9.48 min Scan# 1376  
Delta R.T. -0.00 min  
Lab File: VX017787.D  
Acq: 05 Aug 2020 09:54

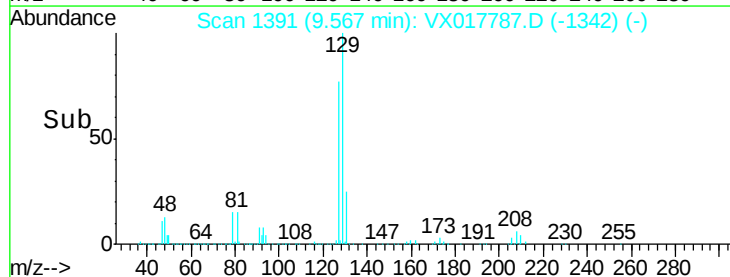
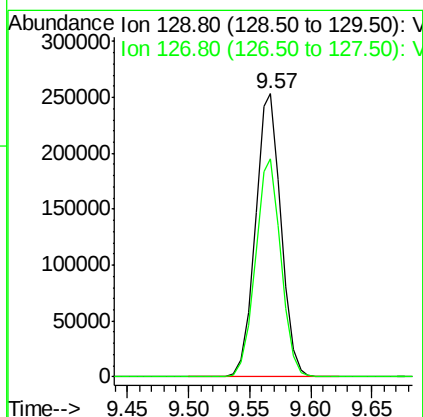
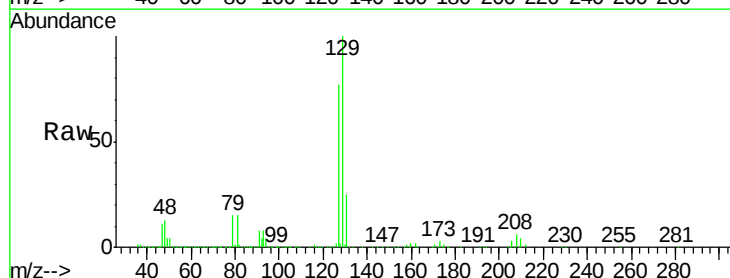
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

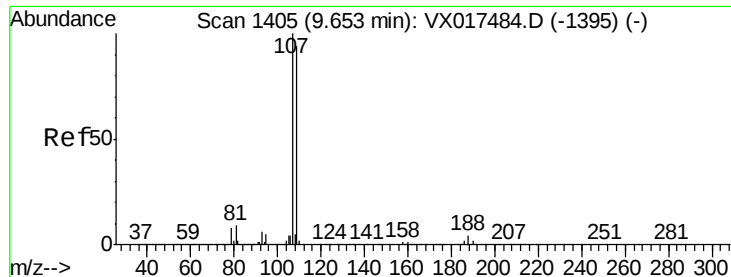
Tot Ion: 43 Resp: 1649495  
Ion Ratio Lower Upper  
43 100  
58 52.2 26.6 79.8



#60  
Dibromochloromethane  
Concen: 50.770 ug/l  
RT: 9.57 min Scan# 1391  
Delta R.T. -0.00 min  
Lab File: VX017787.D  
Acq: 05 Aug 2020 09:54

Tgt Ion: 129 Resp: 369278  
Ion Ratio Lower Upper  
129 100  
127 76.8 38.4 115.1





#61

1,2-Dibromoethane

Concen: 53.079 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Instrument :

MSVOA\_X

ClientSampleId :

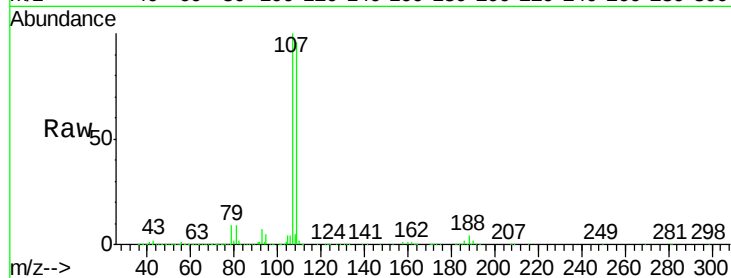
VSTDCCC050

Tot Ion: 107 Resp: 323389

Ion Ratio Lower Upper

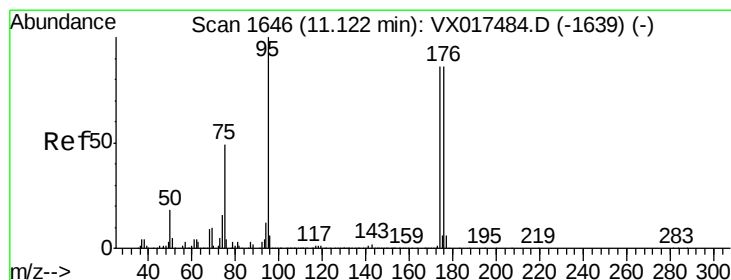
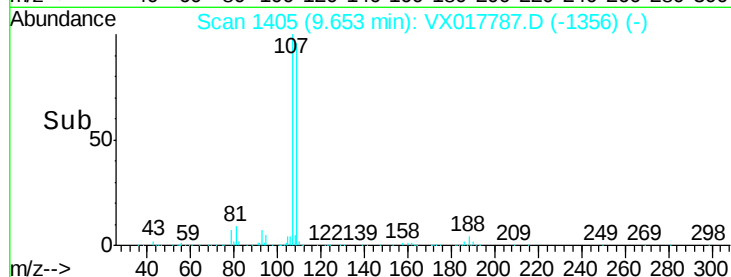
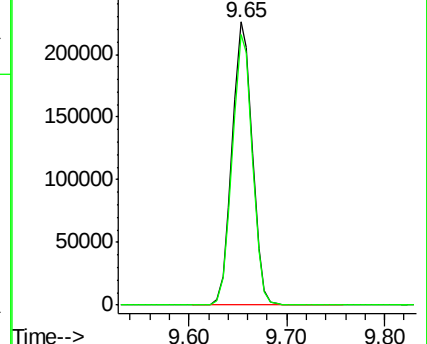
107 100

109 94.9 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.591 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

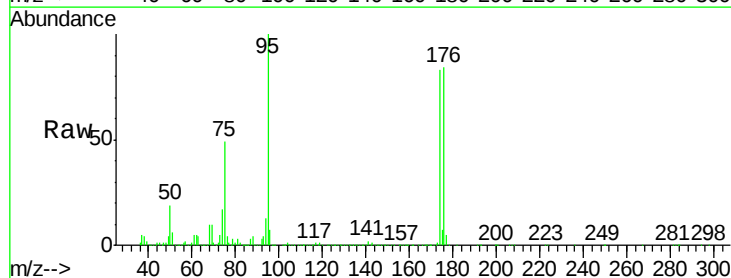
Tgt Ion: 95 Resp: 388068

Ion Ratio Lower Upper

95 100

174 81.3 0.0 169.0

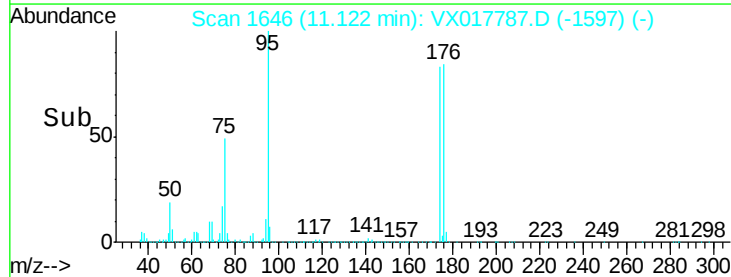
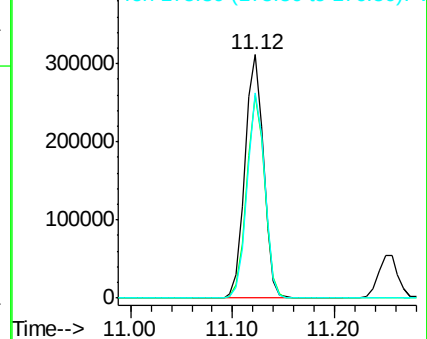
176 80.2 0.0 161.0

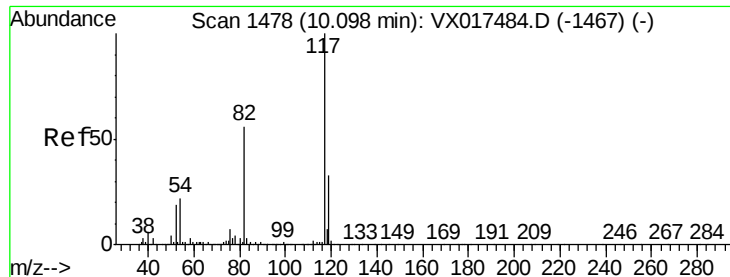


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

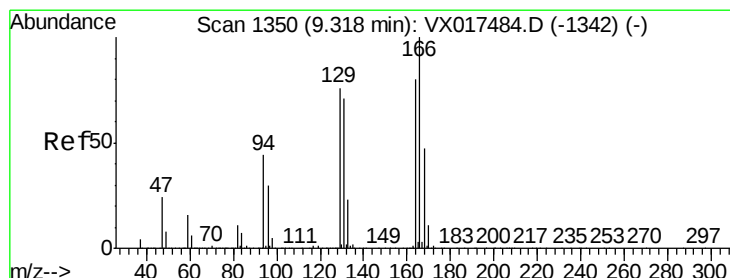
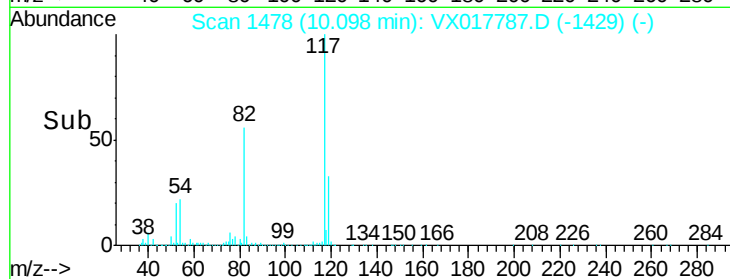
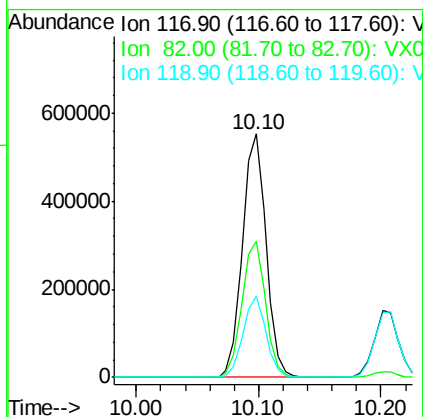
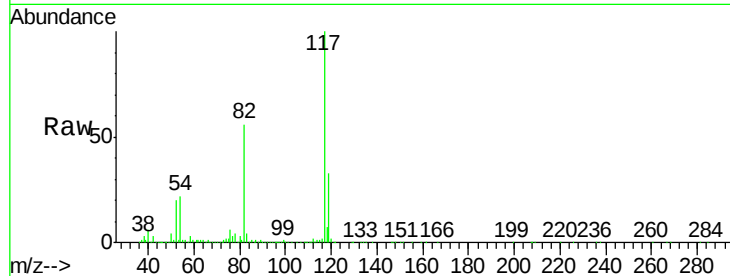




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. -0.00 min  
Lab File: VX017787.D  
Acq: 05 Aug 2020 09:54

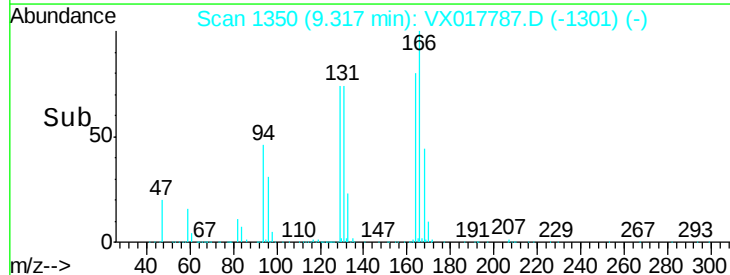
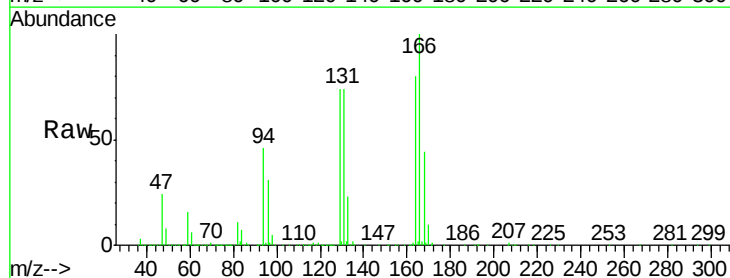
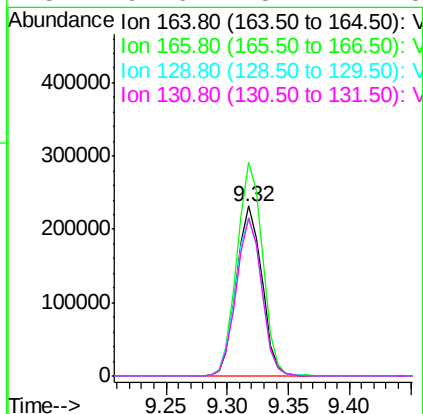
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

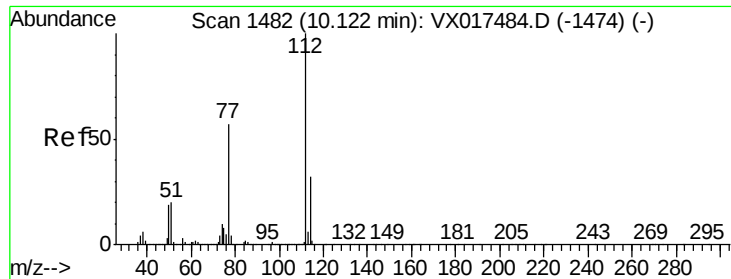
Tot Ion:117 Resp: 737844  
Ion Ratio Lower Upper  
117 100  
82 55.9 44.0 66.0  
119 33.5 25.4 38.0



#64  
Tetrachloroethene  
Concen: 50.544 ug/l  
RT: 9.32 min Scan# 1350  
Delta R.T. -0.00 min  
Lab File: VX017787.D  
Acq: 05 Aug 2020 09:54

Tgt Ion:164 Resp: 334718  
Ion Ratio Lower Upper  
164 100  
166 125.8 100.6 150.8  
129 93.3 75.0 112.6  
131 92.6 75.2 112.8

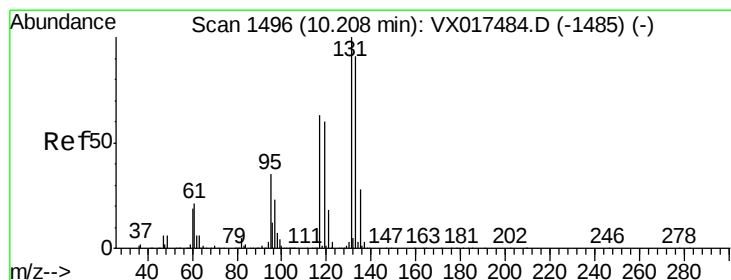
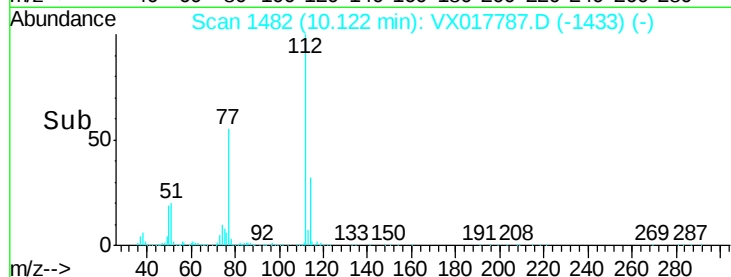
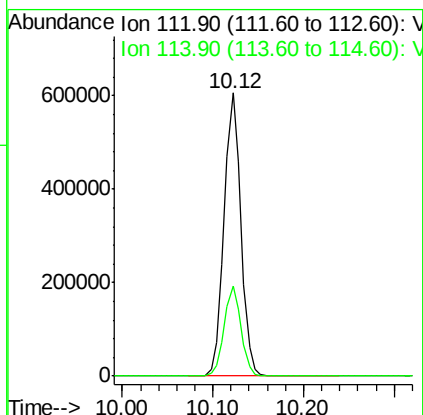
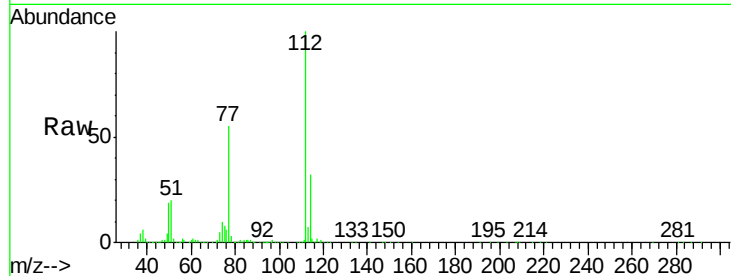




#65  
Chlorobenzene  
Concen: 49.191 ug/l  
RT: 10.12 min Scan# 1482  
Delta R.T. -0.00 min  
Lab File: VX017787.D  
Acq: 05 Aug 2020 09:54

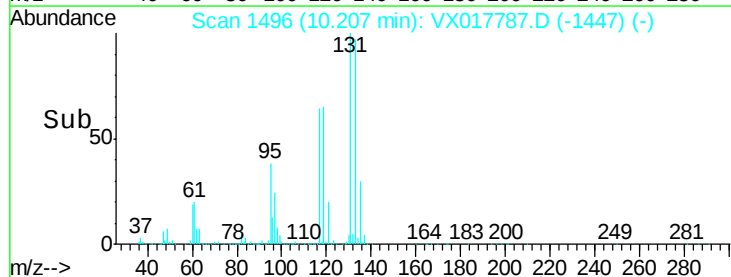
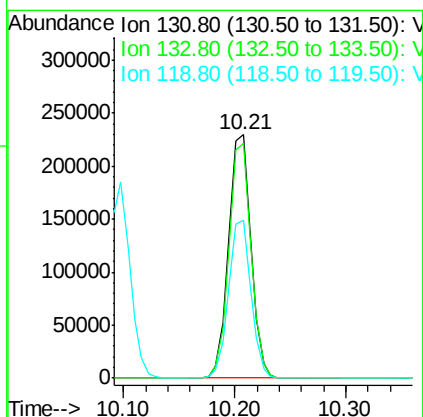
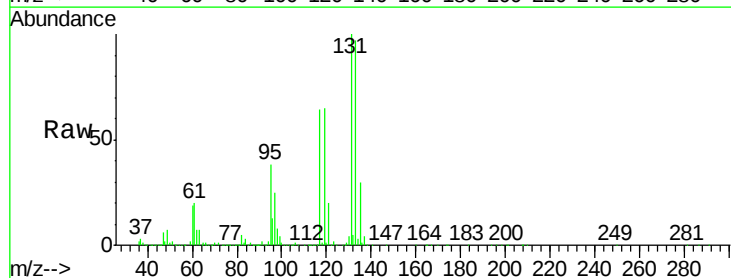
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

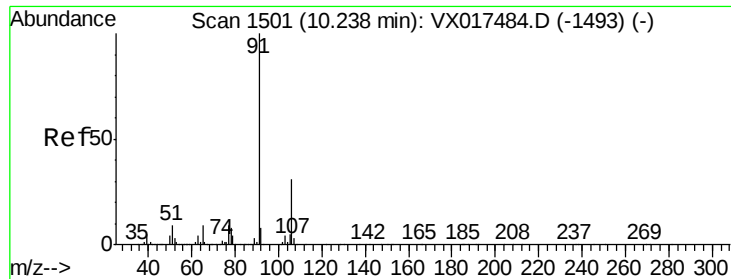
Tot Ion:112 Resp: 785626  
Ion Ratio Lower Upper  
112 100  
114 32.0 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.688 ug/l  
RT: 10.21 min Scan# 1496  
Delta R.T. -0.00 min  
Lab File: VX017787.D  
Acq: 05 Aug 2020 09:54

Tgt Ion:131 Resp: 320267  
Ion Ratio Lower Upper  
131 100  
133 95.6 47.9 143.6  
119 64.7 31.1 93.3

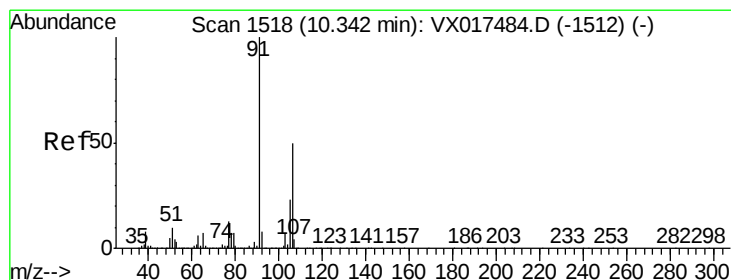
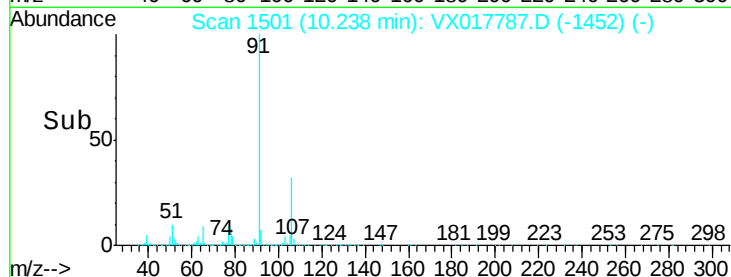
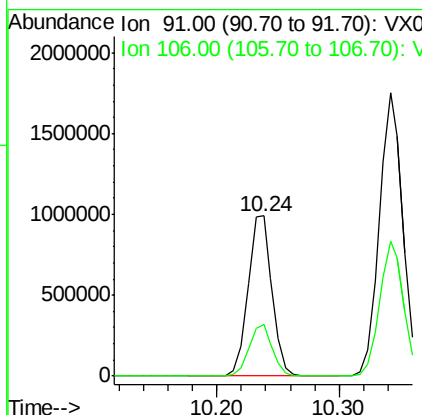
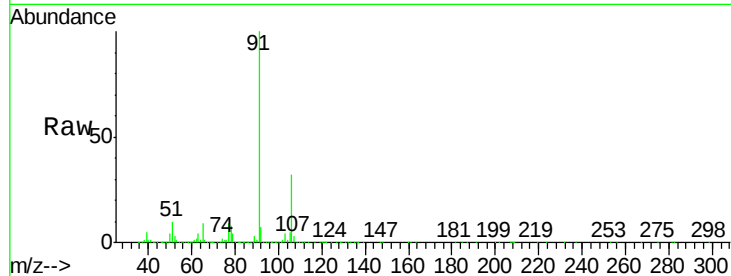




#67  
Ethyl Benzene  
Concen: 50.580 ug/l  
RT: 10.24 min Scan# 1501  
Delta R.T. -0.00 min  
Lab File: VX017787.D  
Acq: 05 Aug 2020 09:54

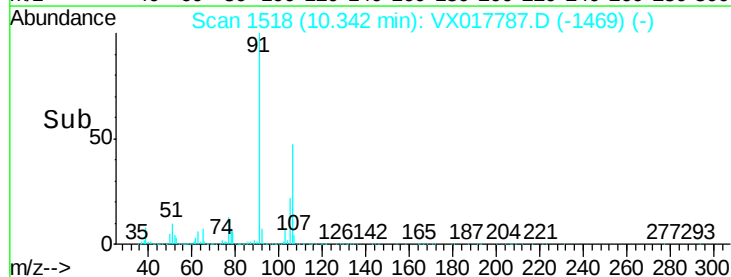
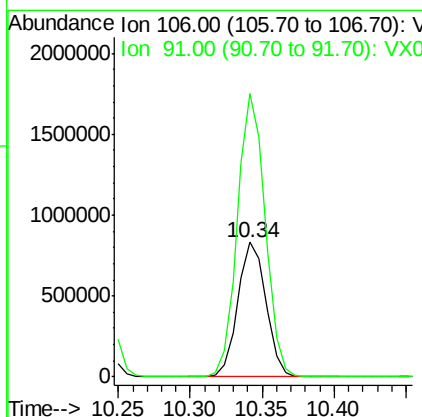
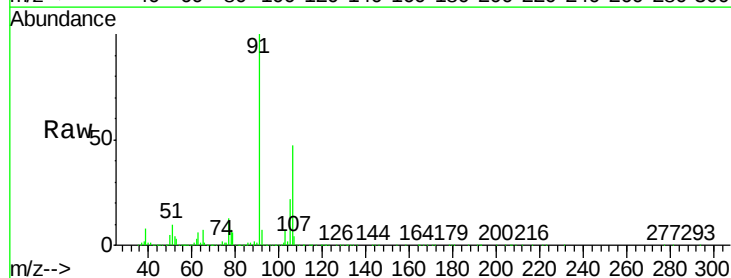
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

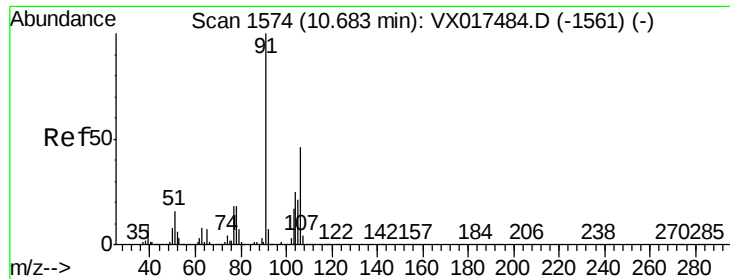
Tot Ion: 91 Resp: 1348429  
Ion Ratio Lower Upper  
91 100  
106 31.9 25.8 38.6



#68  
m/p-Xylenes  
Concen: 109.492 ug/l  
RT: 10.34 min Scan# 1518  
Delta R.T. -0.00 min  
Lab File: VX017787.D  
Acq: 05 Aug 2020 09:54

Tgt Ion: 106 Resp: 1130817  
Ion Ratio Lower Upper  
106 100  
91 207.2 160.9 241.3

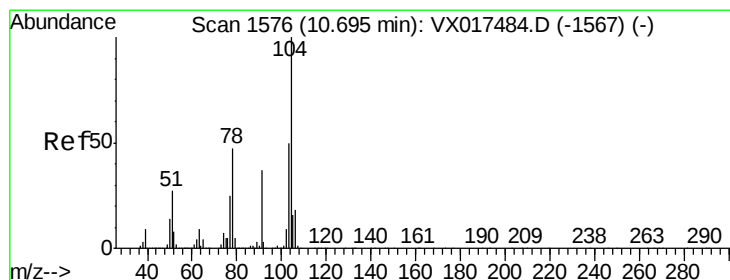
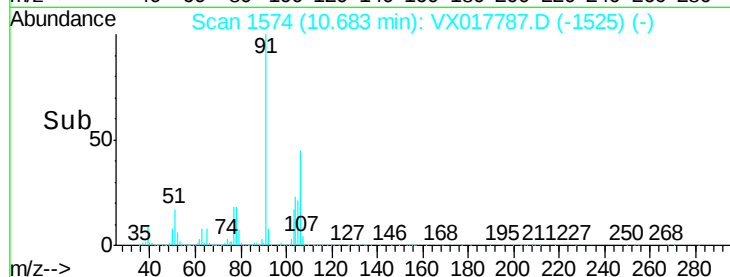
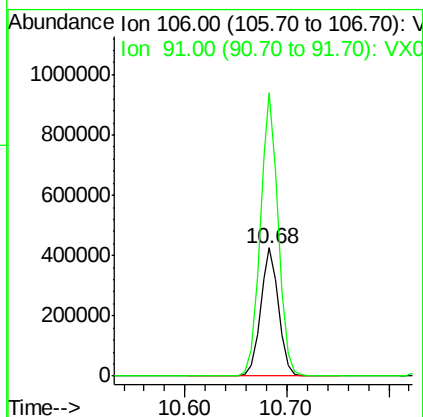
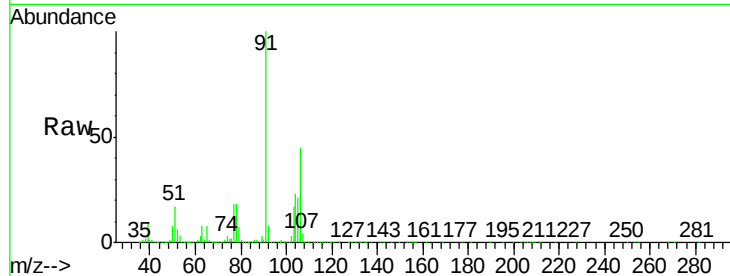




#69  
o-Xylene  
Concen: 52.872 ug/l  
RT: 10.68 min Scan# 1574  
Delta R.T. -0.00 min  
Lab File: VX017787.D  
Acq: 05 Aug 2020 09:54

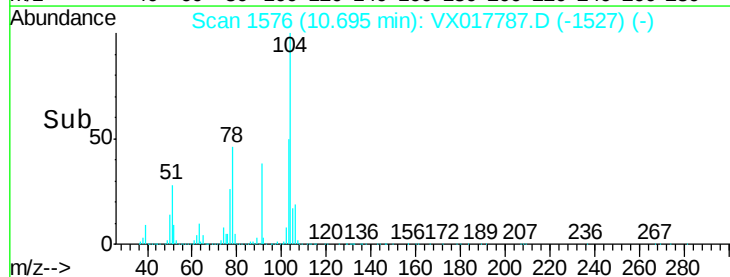
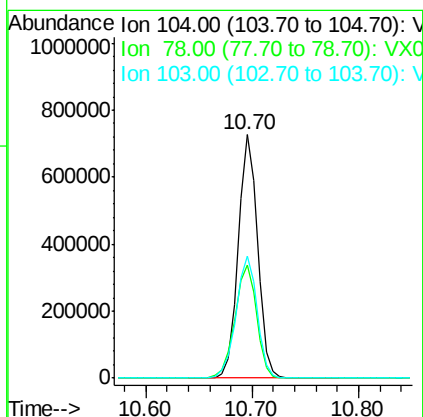
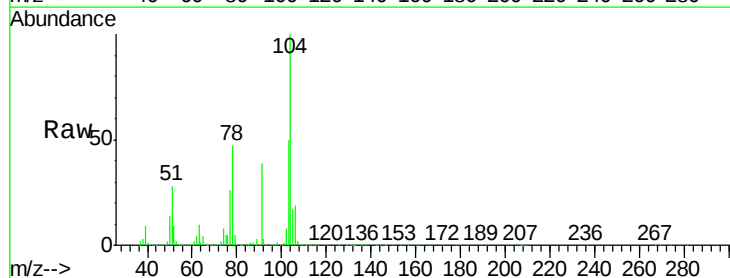
Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDCCC050

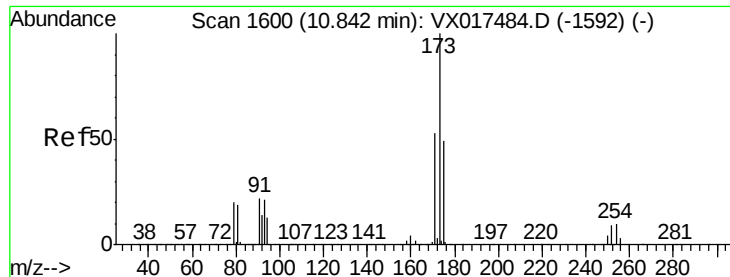
Tot Ion:106 Resp: 525180  
Ion Ratio Lower Upper  
106 100  
91 219.9 108.2 324.6



#70  
Styrene  
Concen: 54.986 ug/l  
RT: 10.70 min Scan# 1576  
Delta R.T. -0.00 min  
Lab File: VX017787.D  
Acq: 05 Aug 2020 09:54

Tgt Ion:104 Resp: 929269  
Ion Ratio Lower Upper  
104 100  
78 52.4 42.5 63.7  
103 54.6 44.3 66.5





#71

Bromoform

Concen: 50.884 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

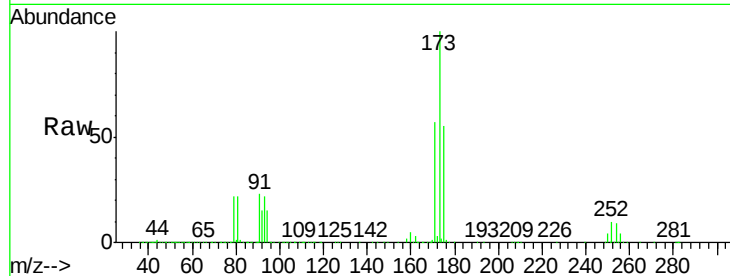
Tot Ion:173 Resp: 284153

Ion Ratio Lower Upper

173 100

175 49.8 23.8 71.5

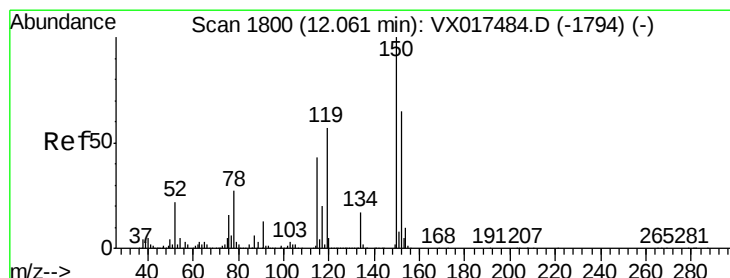
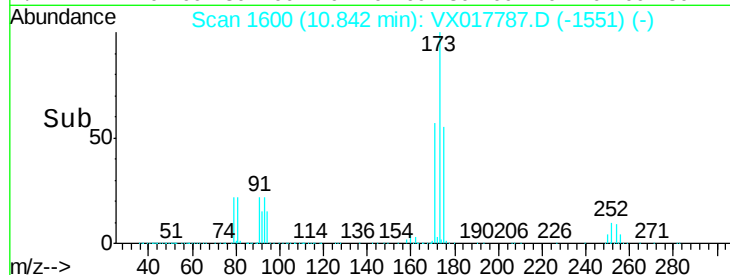
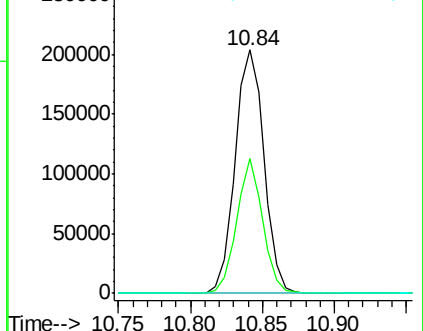
254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

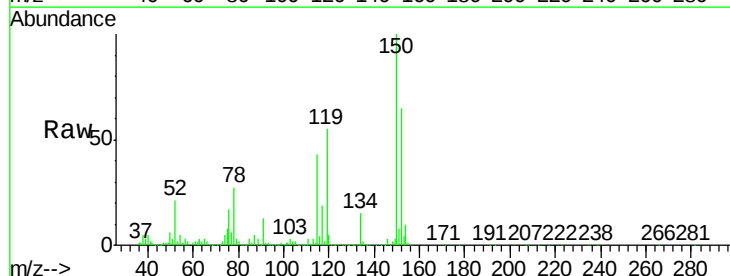
Tgt Ion:152 Resp: 388517

Ion Ratio Lower Upper

152 100

115 82.9 65.5 196.6

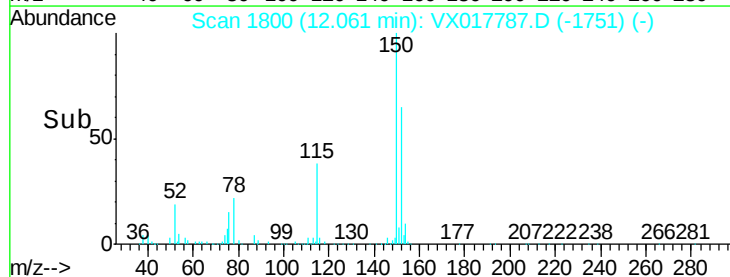
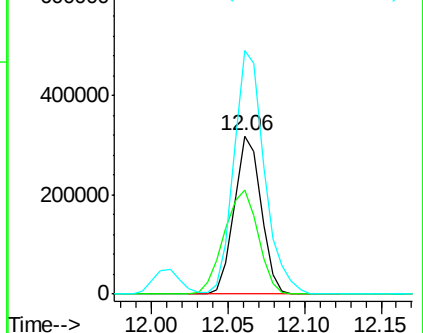
150 174.5 0.0 412.6

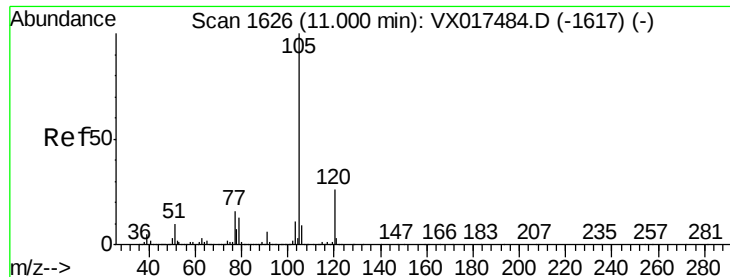


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.281 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Instrument :

MSVOA\_X

ClientSampleId :

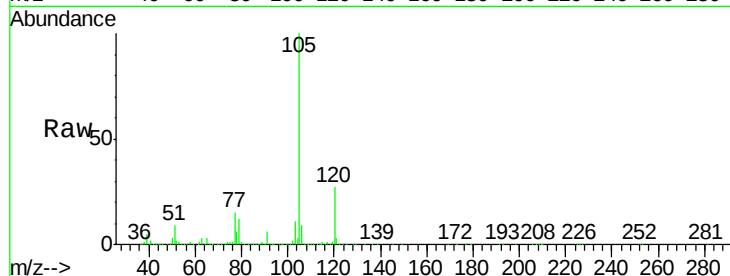
VSTDCCC050

Tot Ion:105 Resp: 1473415

Ion Ratio Lower Upper

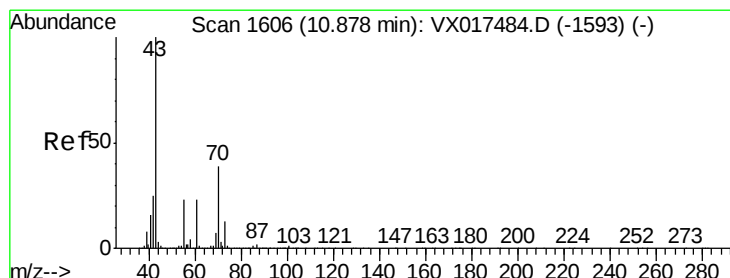
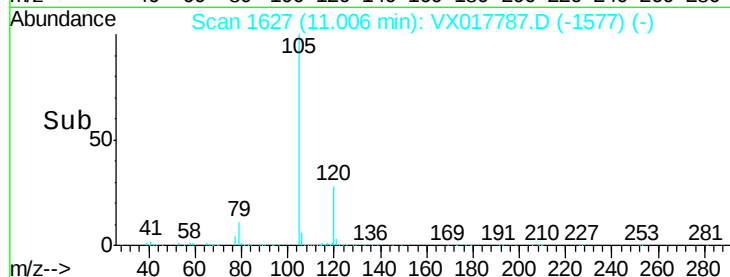
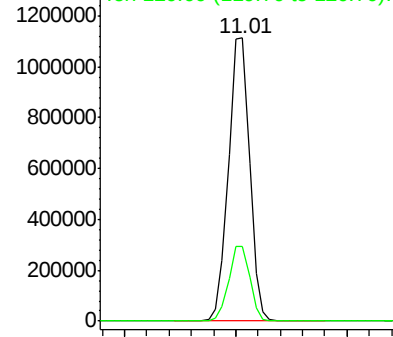
105 100

120 26.6 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.137 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Tgt Ion: 43 Resp: 641097

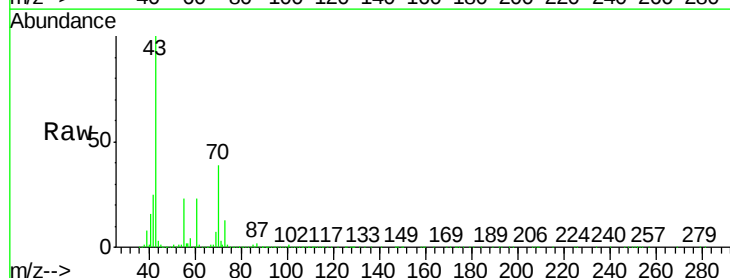
Ion Ratio Lower Upper

43 100

70 40.2 32.3 48.5

55 23.1 18.4 27.6

61 23.7 18.6 28.0

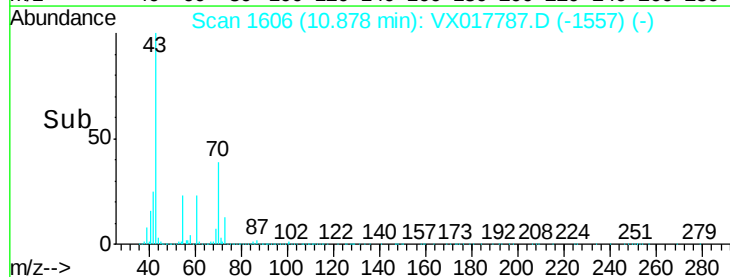
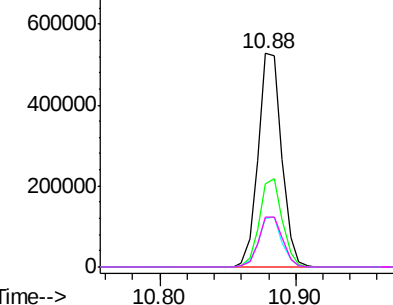


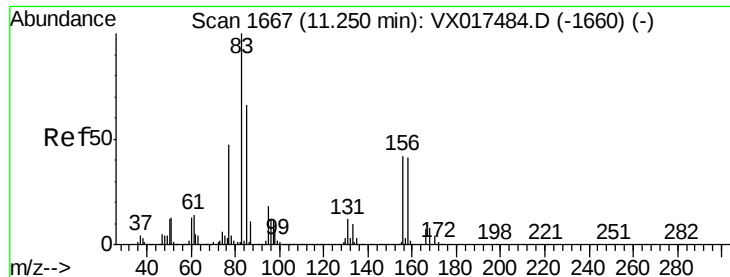
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 52.577 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

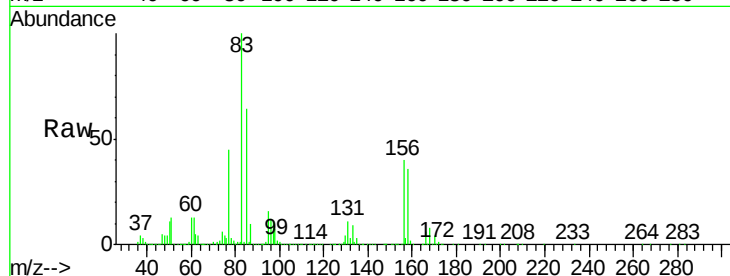
Tot Ion: 83 Resp: 437405

Ion Ratio Lower Upper

83 100

131 11.2 5.5 16.5

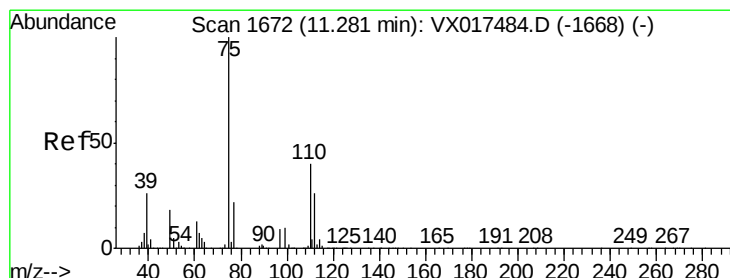
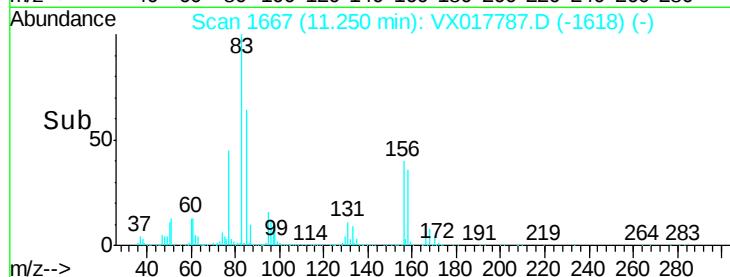
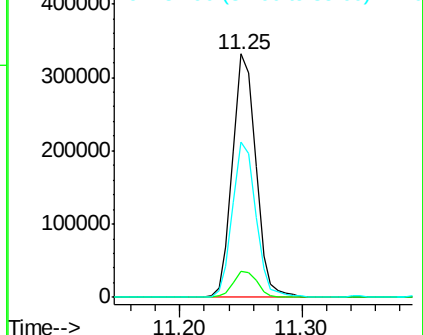
85 64.3 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 69.121 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017787.D

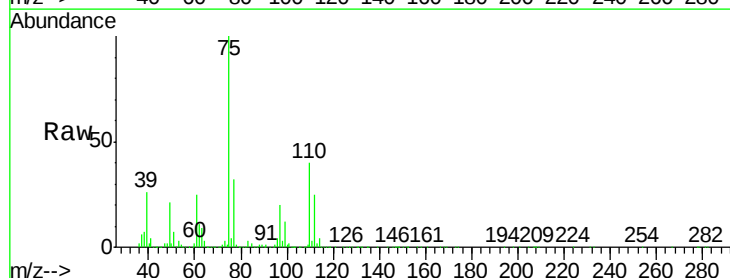
Acq: 05 Aug 2020 09:54

Tgt Ion: 75 Resp: 552409

Ion Ratio Lower Upper

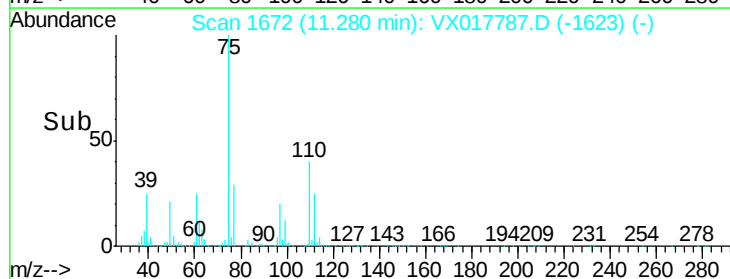
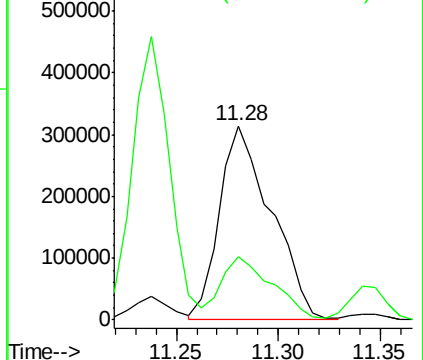
75 100

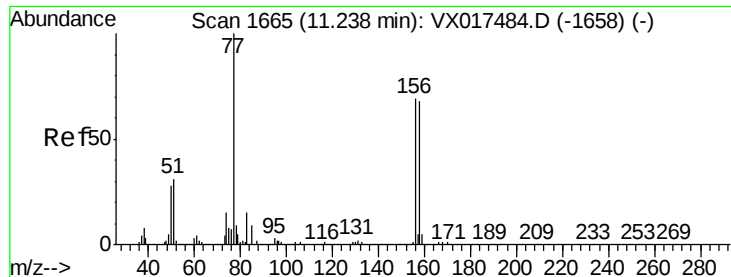
77 32.0 21.8 65.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.074 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

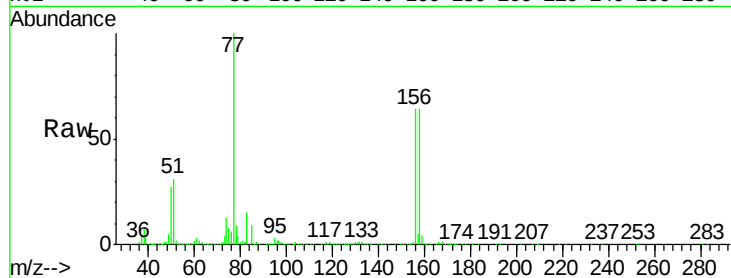
Tot Ion:156 Resp: 373631

Ion Ratio Lower Upper

156 100

77 154.7 75.0 225.0

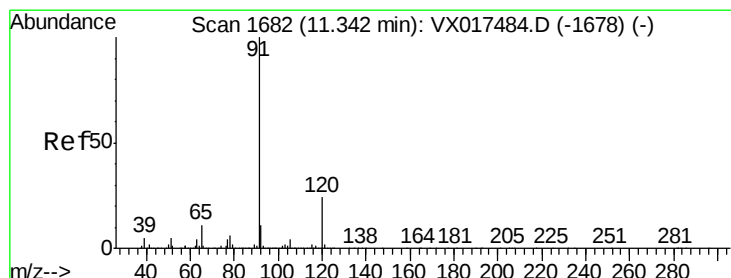
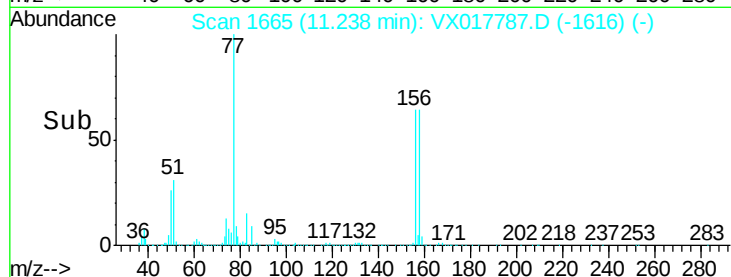
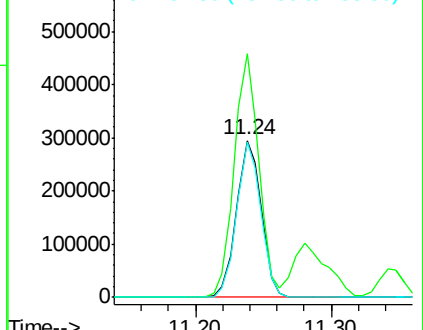
158 96.8 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.583 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017787.D

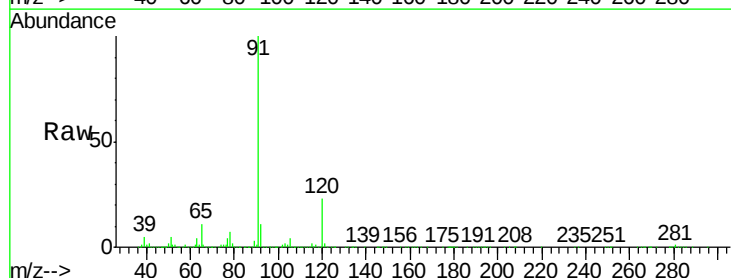
Acq: 05 Aug 2020 09:54

Tgt Ion: 91 Resp: 1640793

Ion Ratio Lower Upper

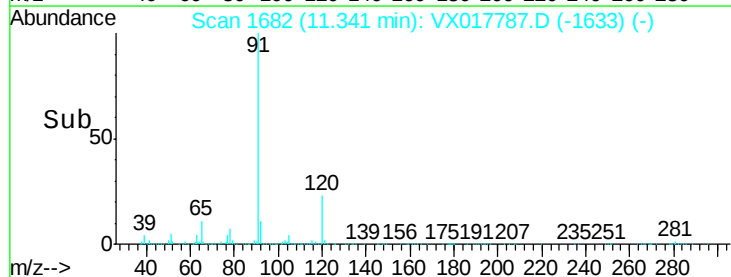
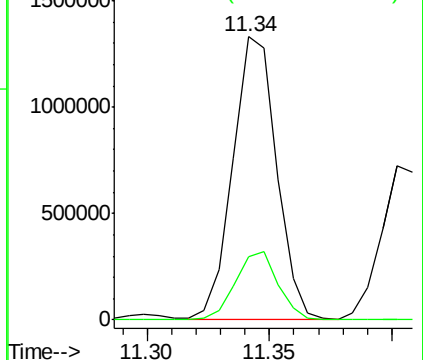
91 100

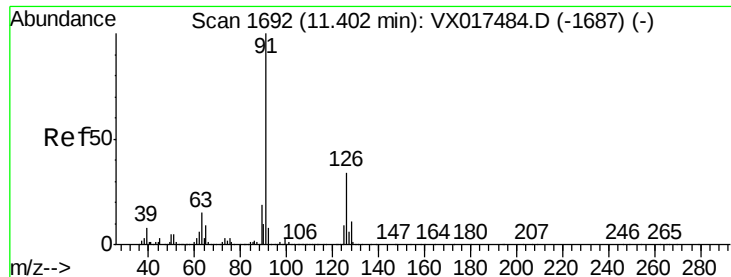
120 23.9 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

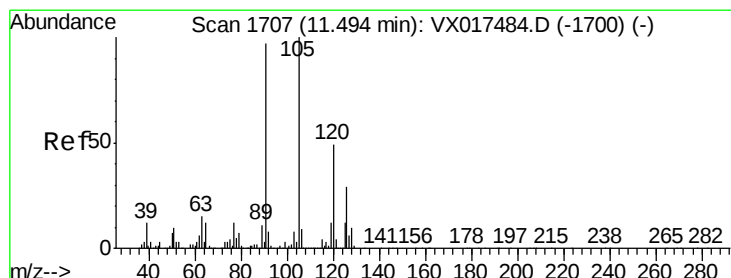
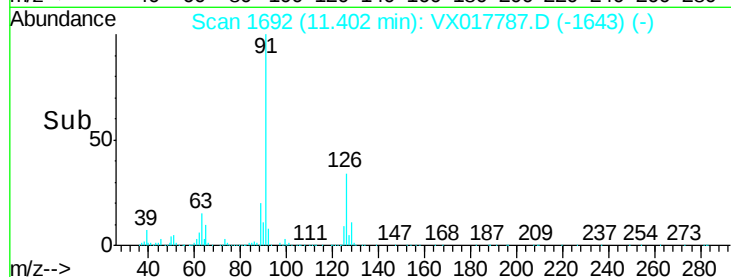
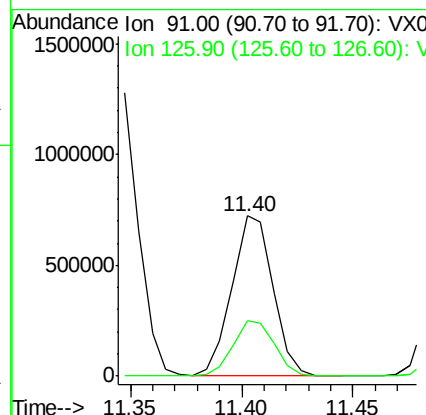
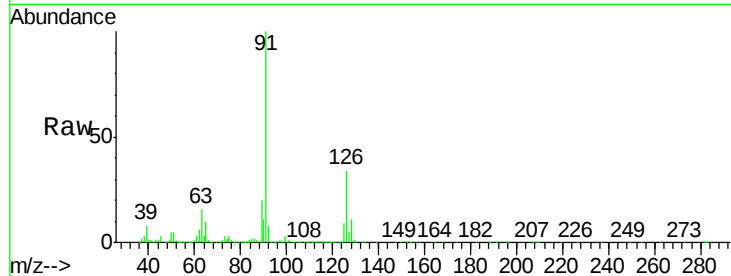




#79  
2-Chlorotoluene  
Concen: 49.702 ug/l  
RT: 11.40 min Scan# 1692  
Delta R.T. -0.00 min  
Lab File: VX017787.D  
Acq: 05 Aug 2020 09:54

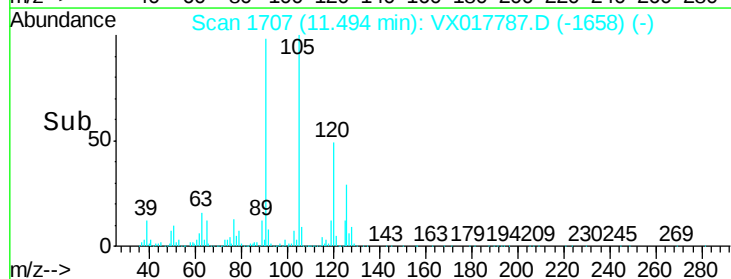
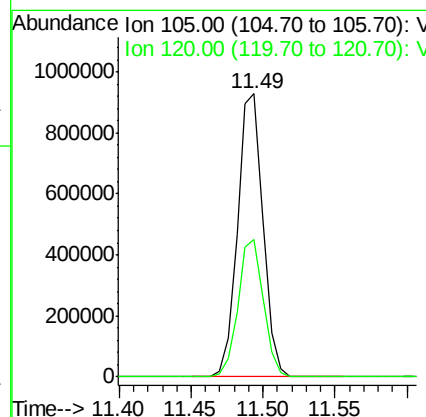
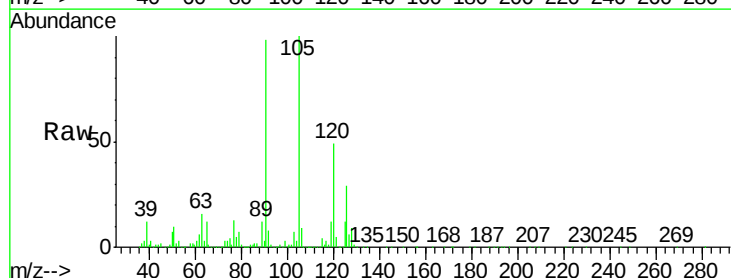
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

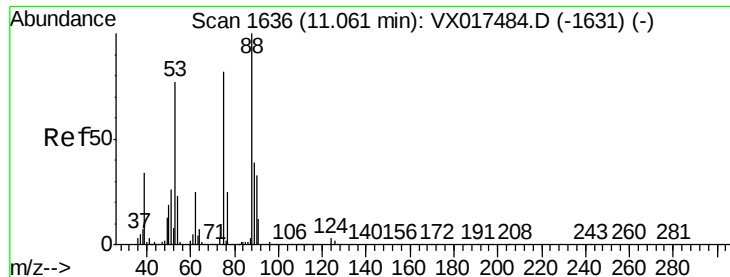
Tot Ion: 91 Resp: 925508  
Ion Ratio Lower Upper  
91 100  
126 35.0 17.5 52.5



#80  
1,3,5-Trimethylbenzene  
Concen: 50.316 ug/l  
RT: 11.49 min Scan# 1707  
Delta R.T. -0.00 min  
Lab File: VX017787.D  
Acq: 05 Aug 2020 09:54

Tgt Ion:105 Resp: 1145011  
Ion Ratio Lower Upper  
105 100  
120 48.6 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 52.435 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

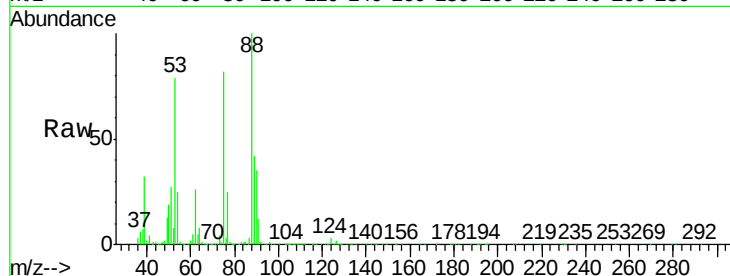
Tot Ion: 75 Resp: 166309

Ion Ratio Lower Upper

75 100

53 96.9 75.9 113.9

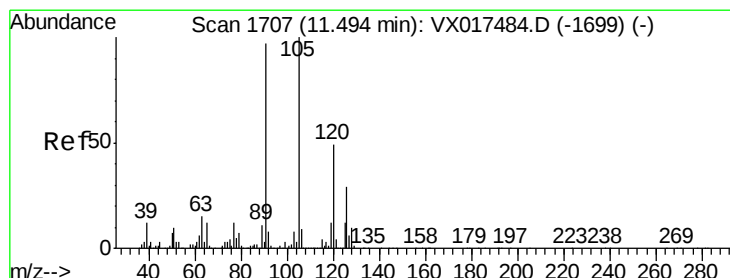
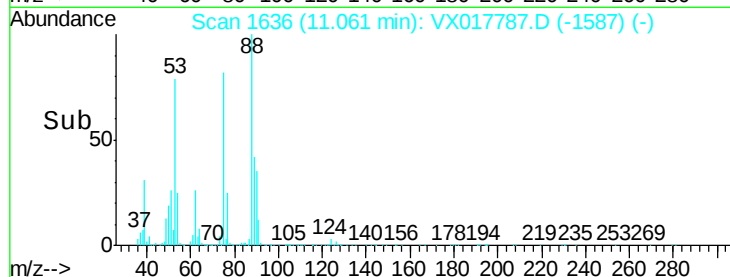
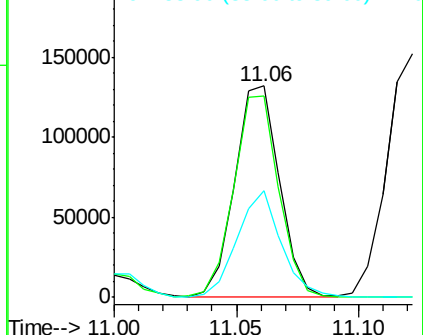
89 50.1 37.8 56.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 49.892 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017787.D

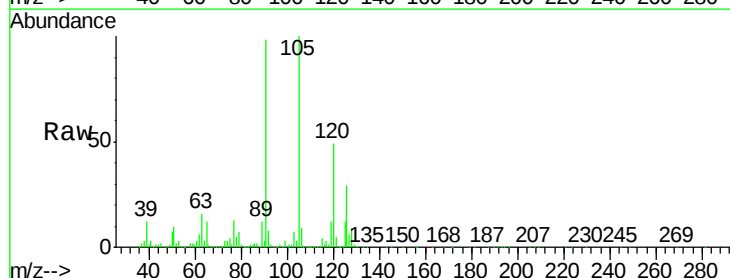
Acq: 05 Aug 2020 09:54

Tgt Ion: 91 Resp: 1095920

Ion Ratio Lower Upper

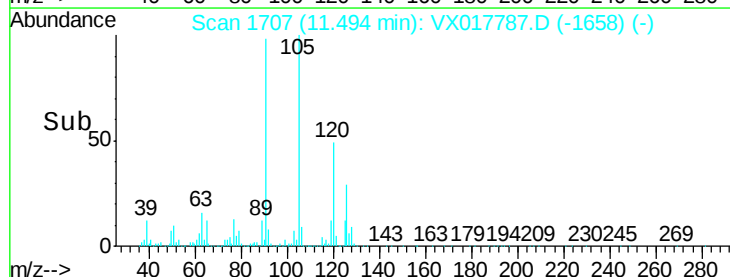
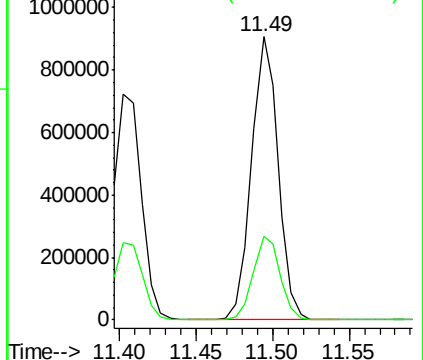
91 100

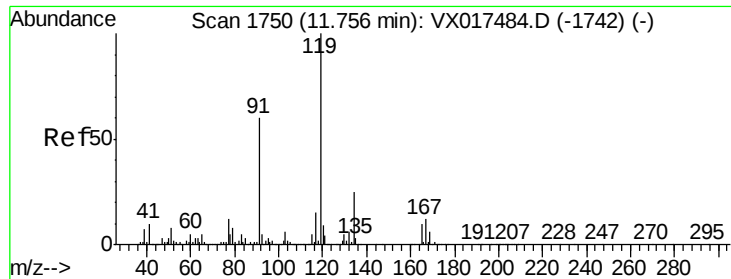
126 30.0 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

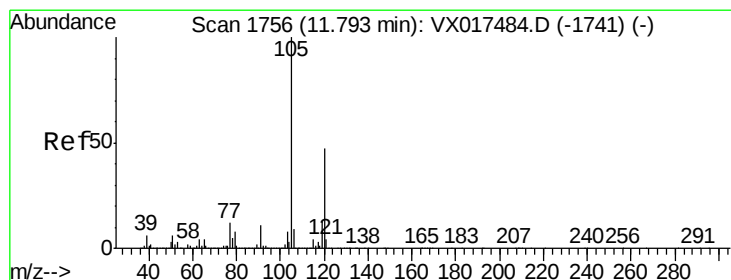
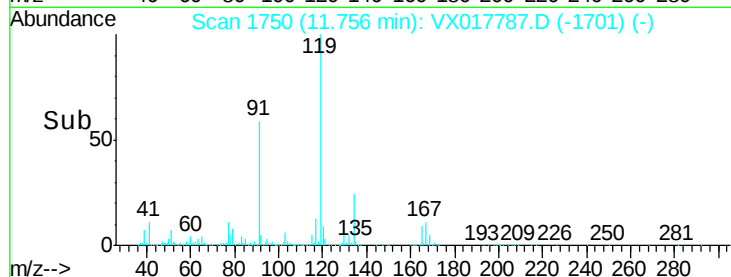
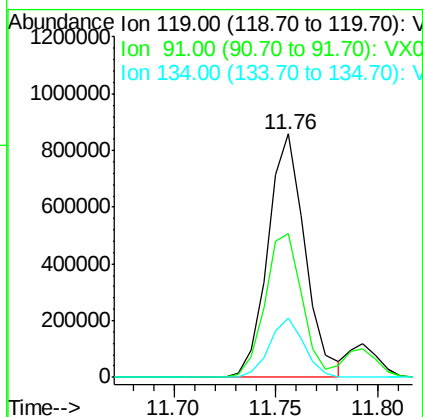
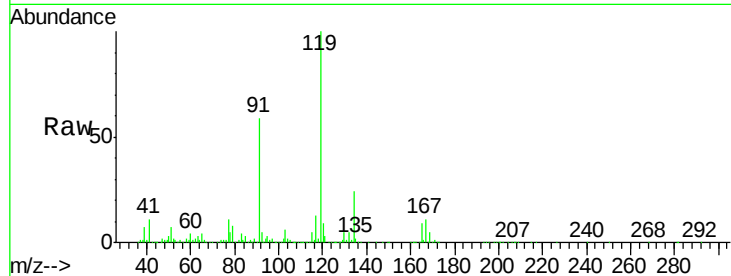




#83  
tert-Butylbenzene  
Concen: 49.916 ug/l  
RT: 11.76 min Scan# 1750  
Delta R.T. -0.00 min  
Lab File: VX017787.D  
Acq: 05 Aug 2020 09:54

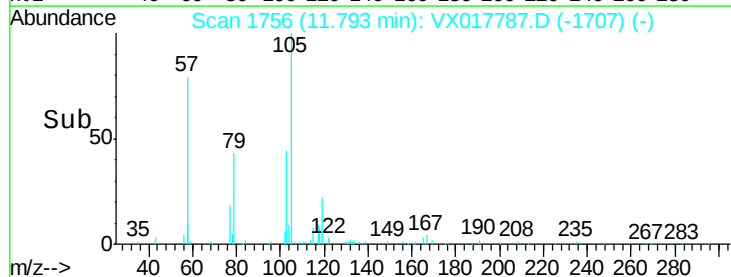
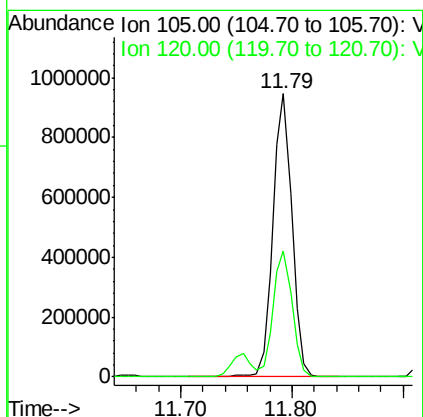
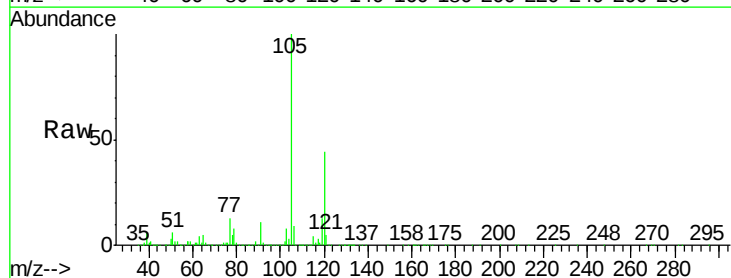
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

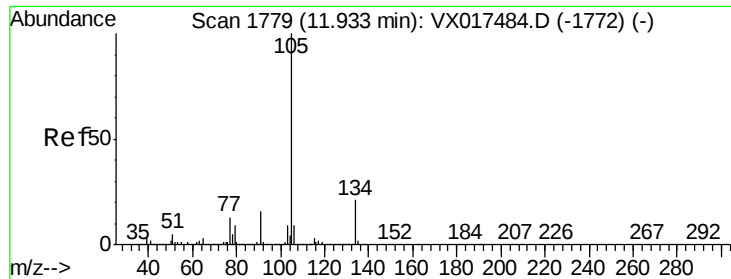
Tot Ion:119 Resp: 1086913  
Ion Ratio Lower Upper  
119 100  
91 59.0 29.3 88.0  
134 22.6 11.2 33.6



#84  
1,2,4-Trimethylbenzene  
Concen: 49.738 ug/l  
RT: 11.79 min Scan# 1756  
Delta R.T. -0.00 min  
Lab File: VX017787.D  
Acq: 05 Aug 2020 09:54

Tgt Ion:105 Resp: 1125771  
Ion Ratio Lower Upper  
105 100  
120 44.6 22.7 68.0

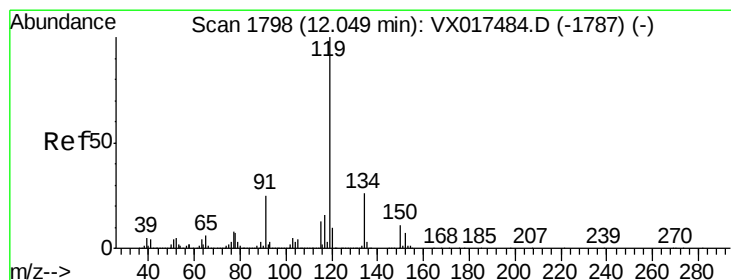
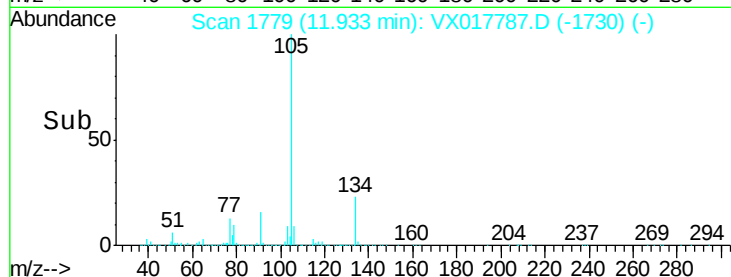
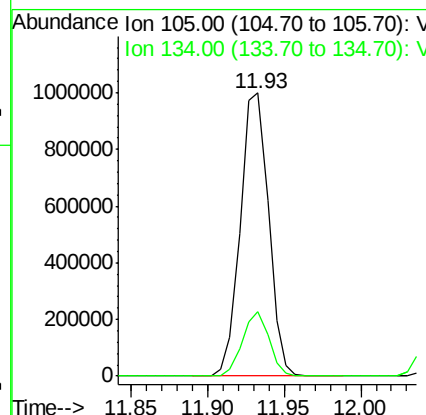
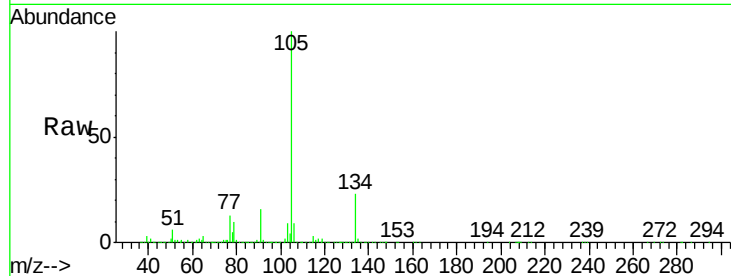




#85  
 sec-Butylbenzene  
 Concen: 50.390 ug/l  
 RT: 11.93 min Scan# 1779  
 Delta R.T. -0.00 min  
 Lab File: VX017787.D  
 Acq: 05 Aug 2020 09:54

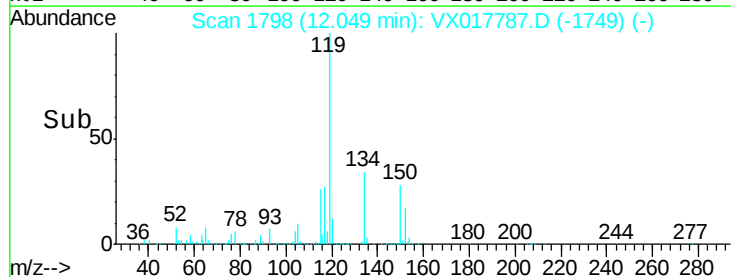
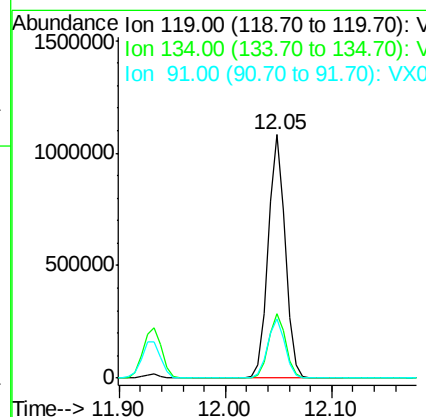
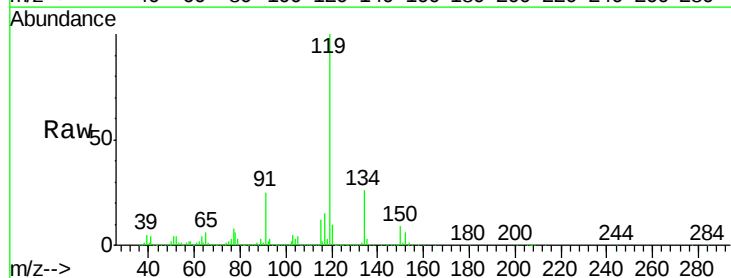
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

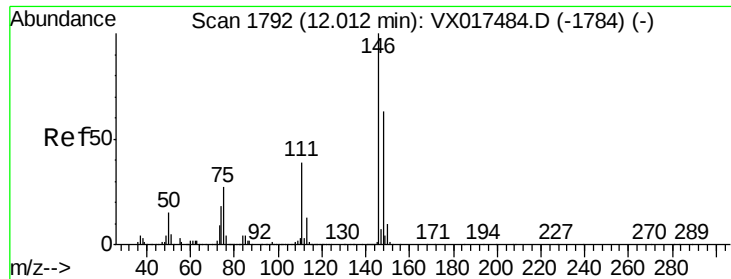
Tot Ion:105 Resp: 1278202  
 Ion Ratio Lower Upper  
 105 100  
 134 21.6 10.4 31.2



#86  
 p-Isopropyltoluene  
 Concen: 50.290 ug/l  
 RT: 12.05 min Scan# 1798  
 Delta R.T. -0.00 min  
 Lab File: VX017787.D  
 Acq: 05 Aug 2020 09:54

Tgt Ion:119 Resp: 1214799  
 Ion Ratio Lower Upper  
 119 100  
 134 26.5 13.1 39.3  
 91 24.8 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 48.602 ug/l

RT: 12.01 min Scan# 1792

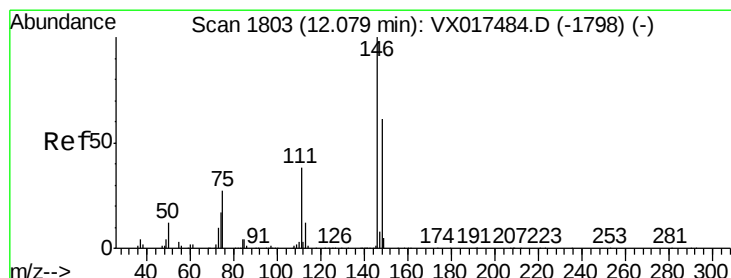
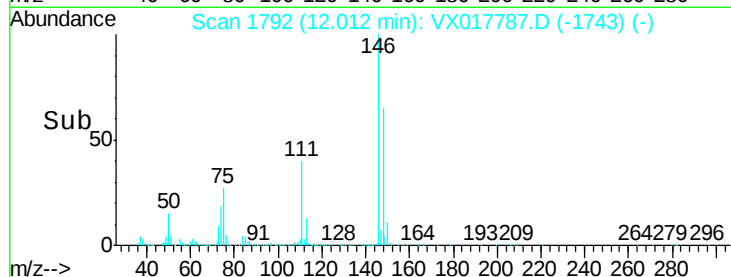
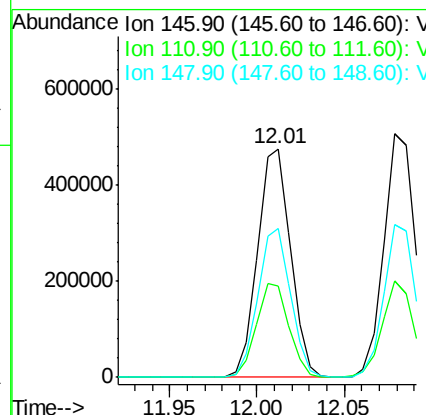
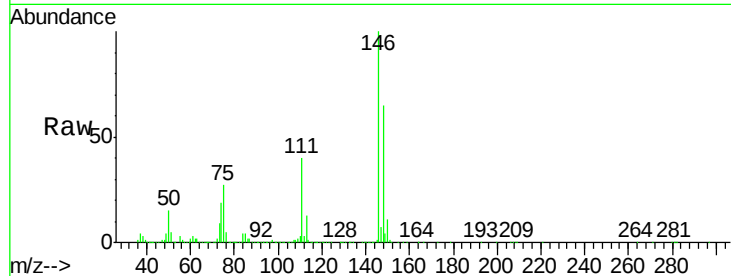
Delta R.T. -0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.7  | 19.9  | 59.7  |
| 148     | 64.6  | 31.6  | 95.0  |



#88

1,4-Dichlorobenzene

Concen: 47.618 ug/l

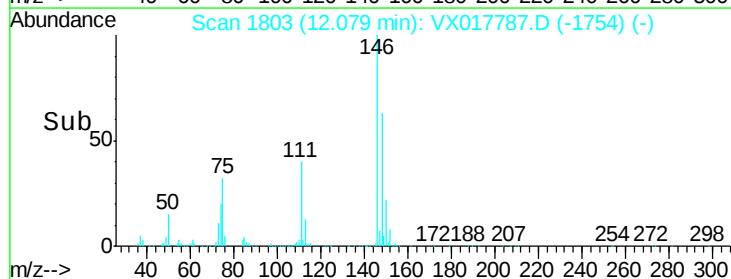
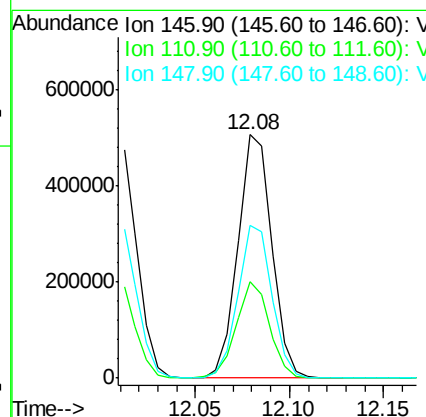
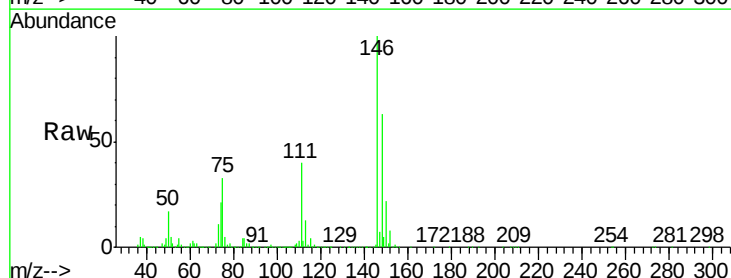
RT: 12.08 min Scan# 1803

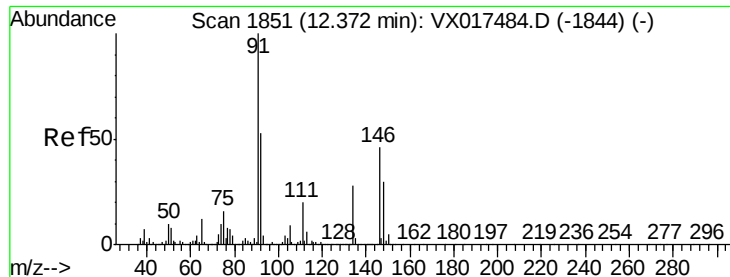
Delta R.T. -0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.1  | 19.3  | 57.8  |
| 148     | 63.1  | 32.2  | 96.6  |

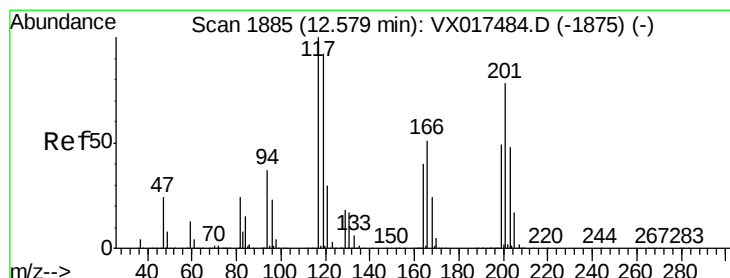
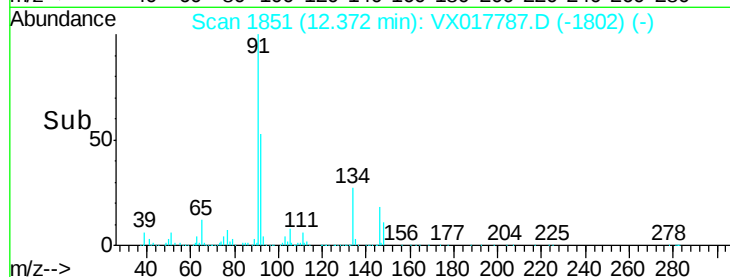
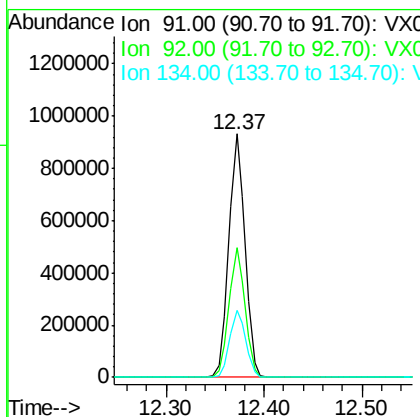
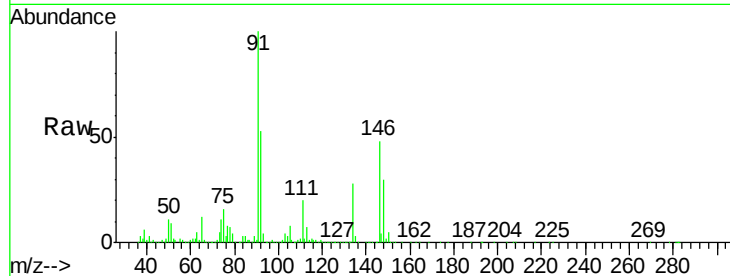




#89  
n-Butylbenzene  
Concen: 49.637 ug/l  
RT: 12.37 min Scan# 1851  
Delta R.T. -0.00 min  
Lab File: VX017787.D  
Acq: 05 Aug 2020 09:54

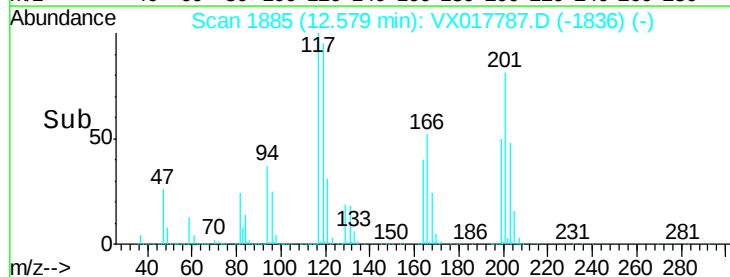
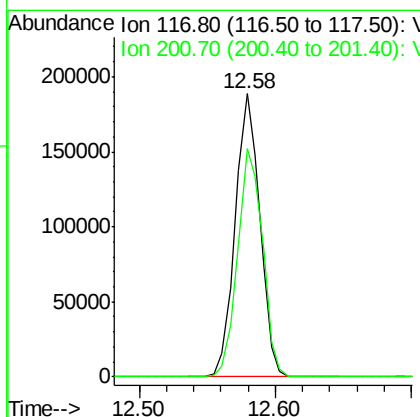
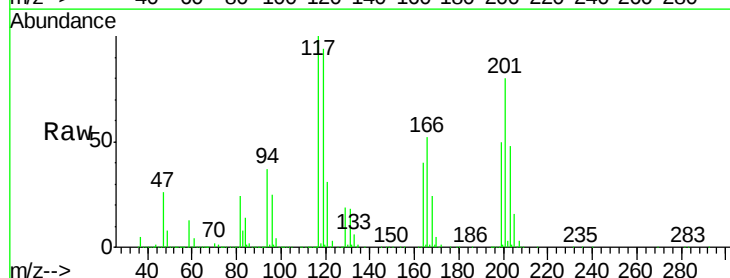
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

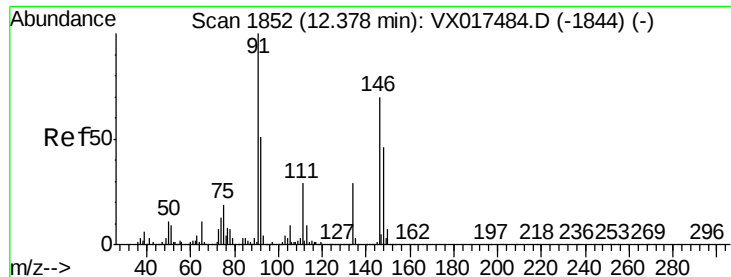
Tot Ion: 91 Resp: 1068414  
Ion Ratio Lower Upper  
91 100  
92 52.9 26.7 80.1  
134 27.4 13.6 40.7



#90  
Hexachloroethane  
Concen: 49.889 ug/l  
RT: 12.58 min Scan# 1885  
Delta R.T. -0.00 min  
Lab File: VX017787.D  
Acq: 05 Aug 2020 09:54

Tgt Ion: 117 Resp: 237592  
Ion Ratio Lower Upper  
117 100  
201 81.6 42.2 126.6





#91

1,2-Dichlorobenzene

Concen: 48.130 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

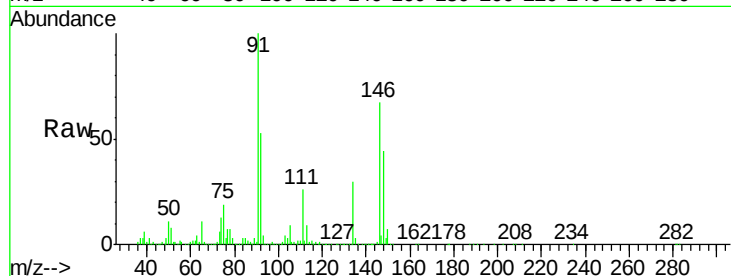
Tot Ion:146 Resp: 606121

Ion Ratio Lower Upper

146 100

111 41.0 20.9 62.8

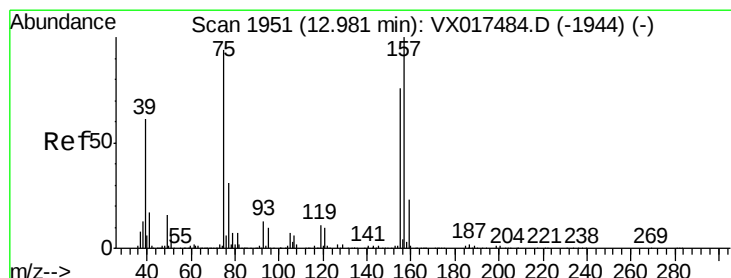
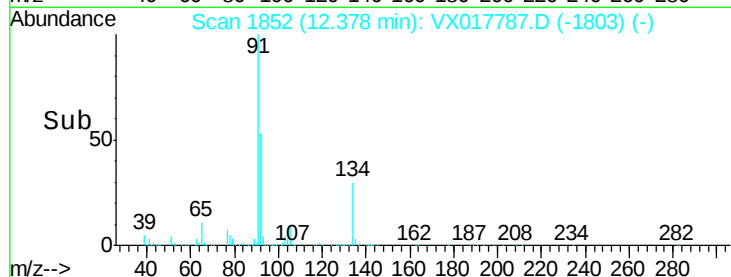
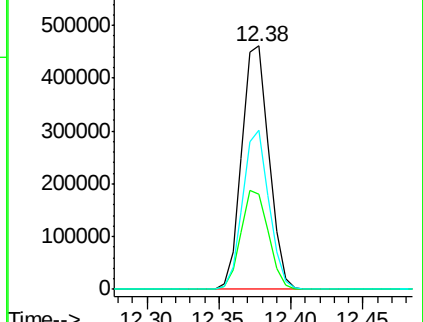
148 63.0 32.8 98.4



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: 47.354 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX017787.D

Acq: 05 Aug 2020 09:54

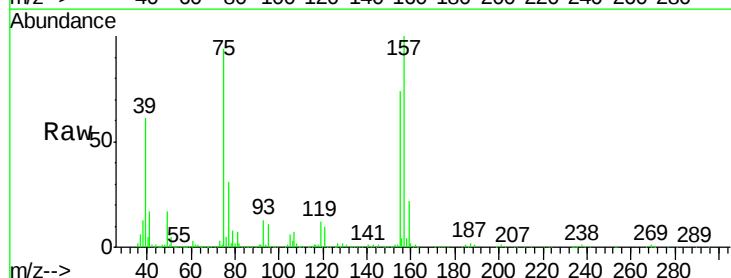
Tgt Ion: 75 Resp: 111072

Ion Ratio Lower Upper

75 100

155 84.4 42.3 126.8

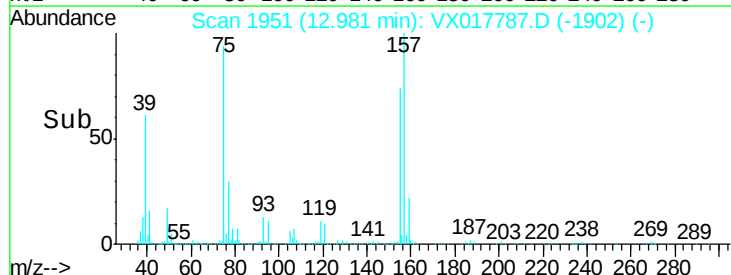
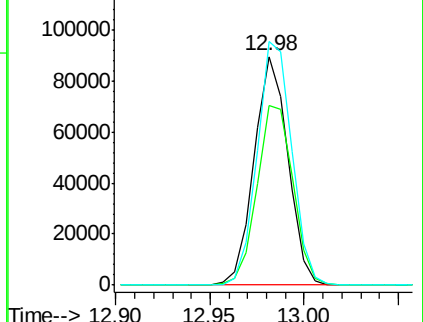
157 109.7 54.3 162.9

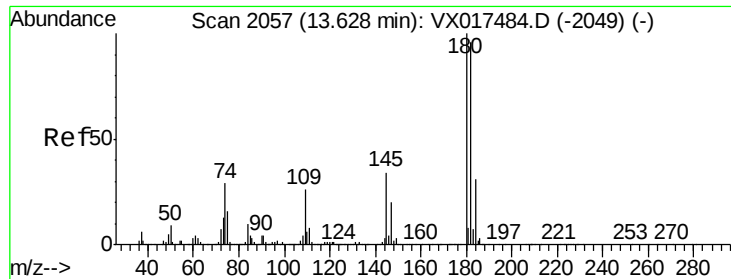


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

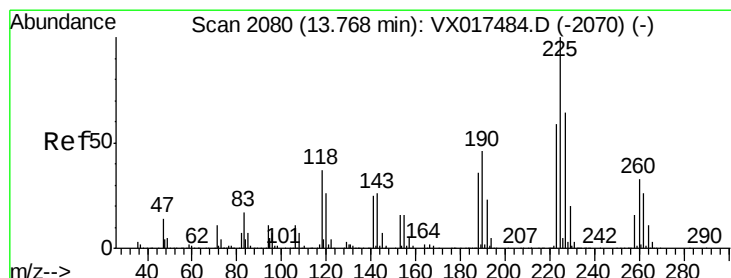
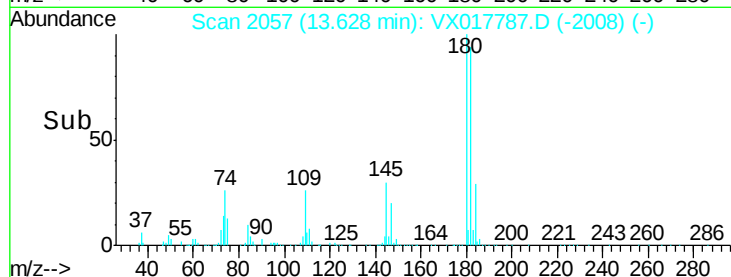
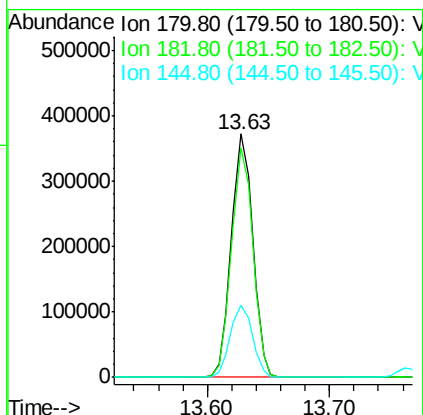
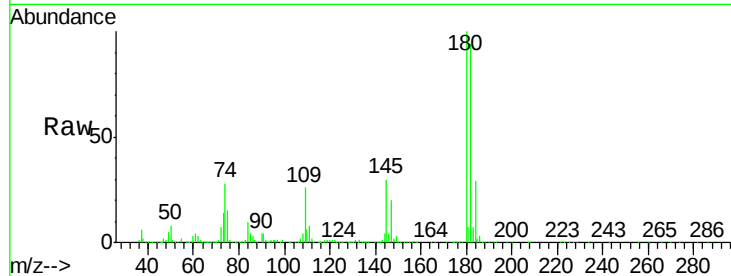




#93  
 1,2,4-Trichlorobenzene  
 Concen: 52.467 ug/l  
 RT: 13.63 min Scan# 2057  
 Delta R.T. -0.00 min  
 Lab File: VX017787.D  
 Acq: 05 Aug 2020 09:54

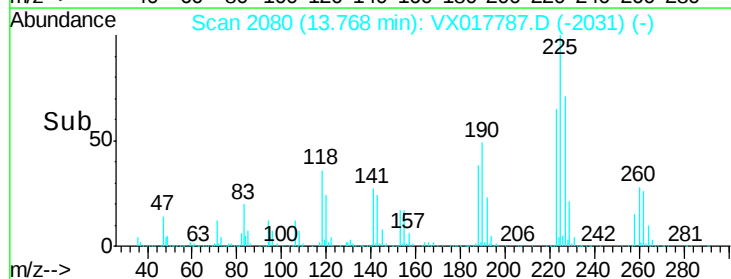
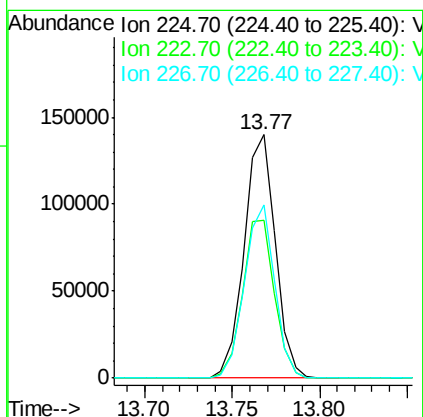
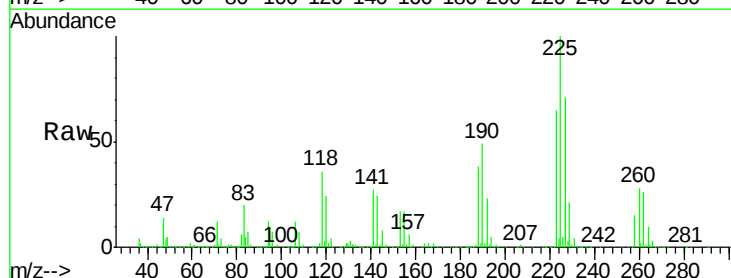
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

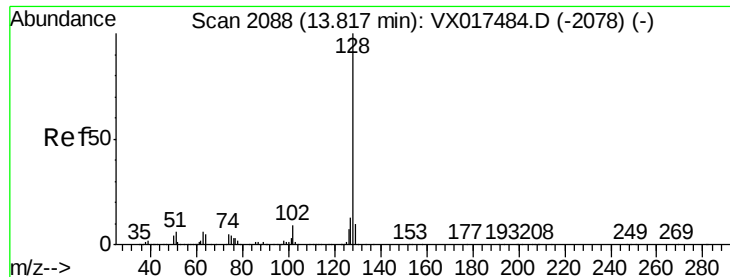
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.5  | 47.5  | 142.6 |
| 145     | 30.6  | 15.4  | 46.4  |



#94  
 Hexachlorobutadiene  
 Concen: 43.782 ug/l  
 RT: 13.77 min Scan# 2080  
 Delta R.T. -0.00 min  
 Lab File: VX017787.D  
 Acq: 05 Aug 2020 09:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 66.6  | 30.3  | 90.9  |
| 227     | 69.1  | 31.1  | 93.2  |

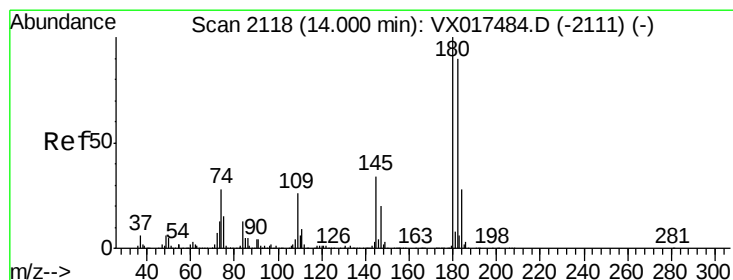
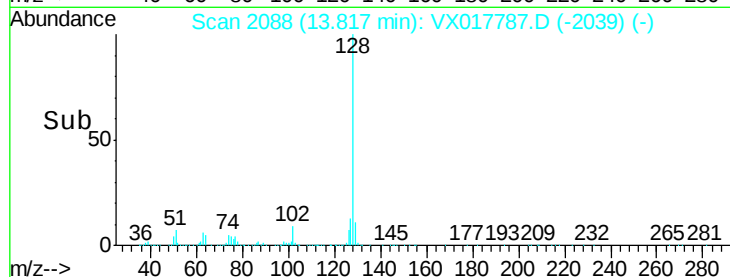
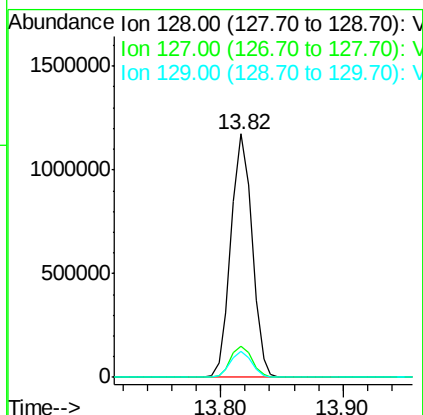
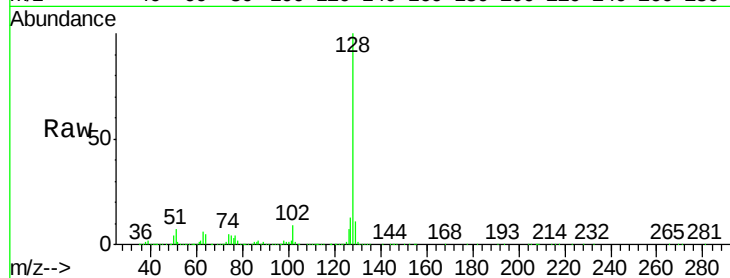




#95  
Naphthalene  
Concen: 54.554 ug/l  
RT: 13.82 min Scan# 2088  
Delta R.T. -0.00 min  
Lab File: VX017787.D  
Acq: 05 Aug 2020 09:54

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion:128 Resp: 1399710  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.4 15.6  
129 10.8 8.9 13.3



#96  
1,2,3-Trichlorobenzene  
Concen: 51.741 ug/l  
RT: 14.01 min Scan# 2119  
Delta R.T. 0.01 min  
Lab File: VX017787.D  
Acq: 05 Aug 2020 09:54

Tgt Ion:180 Resp: 439093  
Ion Ratio Lower Upper  
180 100  
182 92.8 47.4 142.3  
145 33.4 16.3 48.9

