

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092820\  
 Data File : VX018637.D  
 Acq On : 29 Sep 2020 00:09  
 Operator : JC/SP  
 Sample : L4135-17  
 Misc : 25.0mL/MSVOA X/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BG495

Quant Time: Sep 29 02:42:00 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\SOMXTR092820WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Sep 29 02:30:52 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.83  | 114  | 312173   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 10.10 | 117  | 302988   | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 161754   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39   | 65    | 75485    | 4.62     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 92.40%  |
| 7) Chloroethane-d5             | 1.70   | 69    | 68466    | 4.97     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 99.40%  |
| 11) 1,1-Dichloroethene-d2      | 2.34   | 63    | 134102   | 3.72     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 74.40%  |
| 20) 2-Butanone-d5              | 4.56   | 46    | 197178   | 47.34    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 94.68%  |
| 24) Chloroform-d               | 5.14   | 84    | 169202   | 4.37     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 87.40%  |
| 26) 1,2-Dichloroethane-d4      | 6.06   | 65    | 92946    | 4.12     | ug/L | 0.03    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 82.40%  |
| 32) Benzene-d6                 | 6.06   | 84    | 313352   | 4.48     | ug/L | 0.02    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 89.60%  |
| 36) 1,2-Dichloropropane-d6     | 7.37   | 67    | 97854    | 4.59     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 91.80%  |
| 41) Toluene-d8                 | 8.71   | 98    | 317225   | 4.56     | ug/L | 0.01    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 91.20%  |
| 45) trans-1,3-Dichloropropene- | 9.00   | 79    | 40070    | 4.23     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 84.60%  |
| 48) 2-Hexanone-d5              | 9.43   | 63    | 177513   | 52.30    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 104.60% |
| 59) 1,1,2,2-Tetrachloroethane- | 11.23  | 84    | 76780    | 4.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 96.80%  |
| 65) 1,2-Dichlorobenzene-d4     | 12.36  | 152   | 126449   | 4.78     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 95.60%  |

## Target Compounds

|                                |      |     |         |                | Ovalue |
|--------------------------------|------|-----|---------|----------------|--------|
| 2) Dichlorodifluoromethane     | 1.15 | 85  | 7307    | 0.387 ug/L     | 95     |
| 3) Chloromethane               | 1.31 | 50  | 2556    | 0.158 ug/L #   | 81     |
| 5) Vinyl chloride              | 1.39 | 62  | 993379  | 58.771 ug/L    | 97     |
| 6) Bromomethane                | 1.64 | 94  | 906     | 0.090 ug/L     | 78     |
| 8) Chloroethane                | 1.72 | 64  | 935303  | 100.625 ug/L   | 100    |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.37 | 101 | 20746   | 1.291 ug/L     | 98     |
| 12) 1,1-Dichloroethene         | 2.36 | 96  | 19097   | 1.253 ug/L #   | 4      |
| 13) Acetone                    | 2.46 | 43  | 653217  | 283.320 ug/L   | 99     |
| 14) Carbon disulfide           | 2.61 | 76  | 598680  | 12.920 ug/L    | 97     |
| 15) Methyl Acetate             | 2.82 | 43  | 94055   | 14.739 ug/L #  | 49     |
| 16) Methylene chloride         | 2.84 | 84  | 16124   | 0.774 ug/L     | 86     |
| 17) Methyl tert-butyl Ether    | 3.17 | 73  | 6028    | 0.178 ug/L #   | 1      |
| 18) trans-1,2-Dichloroethene   | 3.14 | 96  | 10895   | 0.715 ug/L     | 95     |
| 19) 1,1-Dichloroethane         | 3.67 | 63  | 555637  | 20.338 ug/L    | 99     |
| 21) 2-Butanone                 | 4.66 | 43  | 219024  | 59.850 ug/L #  | 65     |
| 22) cis-1,2-Dichloroethene     | 4.56 | 96  | 7609547 | 478.728 ug/L # | 92     |
| 27) 1,2-Dichloroethane         | 6.16 | 62  | 1382169 | 73.179 ug/L #  | 76     |

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 Operator : JC/SP  
 Sample : L4135-17  
 Misc : 25.0mL/MSVOA X/WATER  
 ALS Vial : 29 Sample Multiplier: 1

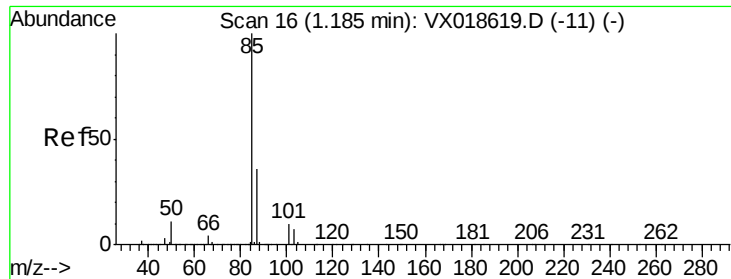
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BG495

Quant Time: Sep 29 02:42:00 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\SOMXTR092820WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Sep 29 02:30:52 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 29) 1,1,1-Trichloroethane      | 5.46  | 97   | 30776    | 1.066   | ug/L   | 95       |
| 30) Cyclohexane                | 5.56  | 56   | 199459   | 8.688   | ug/L   | 94       |
| 34) Trichloroethene            | 7.19  | 95   | 5473     | 0.324   | ug/L # | 87       |
| 35) Methylcyclohexane          | 7.44  | 83   | 204645   | 8.704   | ug/L   | 94       |
| 37) 1,2-Dichloropropane        | 7.50  | 63   | 2710     | 0.174   | ug/L # | 85       |
| 40) 4-Methyl-2-pentanone       | 8.65  | 43   | 363547   | 42.080  | ug/L   | 98       |
| 43) 1,3,5-Trimethylbenzene     | 11.49 | 105  | 2116416  | 38.363  | ug/L   | 97       |
| 44) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 8683441  | 157.330 | ug/L   | 99       |
| 46) trans-1,3-Dichloropropene  | 8.82  | 75   | 2335298  | 115.829 | ug/L # | 1        |
| 49) Tetrachloroethene          | 9.32  | 164  | 2417     | 0.182   | ug/L   | 90       |
| 50) 2-Hexanone                 | 9.48  | 43   | 4685     | 0.766   | ug/L # | 74       |
| 53) Chlorobenzene              | 10.12 | 112  | 7372962  | 176.881 | ug/L   | 94       |
| 55) m,p-xylene                 | 10.35 | 106  | 17589676 | 669.299 | ug/L # | 34       |
| 56) o-xylene                   | 10.69 | 106  | 7382722  | 297.298 | ug/L # | 47       |
| 57) Styrene                    | 10.69 | 104  | 392421   | 9.572   | ug/L # | 1        |
| 58) Isopropylbenzene           | 11.01 | 105  | 5216721  | 78.350  | ug/L   | 99       |
| 60) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 7463     | 0.591   | ug/L # | 43       |
| 63) 1,3-Dichlorobenzene        | 12.01 | 146  | 90407    | 2.571   | ug/L   | 95       |
| 64) 1,4-Dichlorobenzene        | 12.09 | 146  | 744848   | 20.970  | ug/L   | 97       |
| 66) 1,2-Dichlorobenzene        | 12.38 | 146  | 1031161  | 31.476  | ug/L   | 96       |
| 67) 1,2-Dibromo-3-chloropropan | 13.00 | 75   | 3840     | 1.379   | ug/L # | 9        |
| 68) 1,3,5-Trichlorobenzene     | 13.16 | 180  | 3607     | 0.137   | ug/L   | 89       |
| 69) 1,2,4-trichlorobenzene     | 13.63 | 180  | 5877     | 0.272   | ug/L # | 57       |
| 70) Naphthalene                | 13.82 | 128  | 707918   | 19.352  | ug/L   | 99       |

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





#2

Dichlorodifluoromethane

Concen: 0.387 ug/L

RT: 1.15 min Scan# 11

Delta R.T. -0.03 min

Lab File: VX018637.D

Acq: 29 Sep 2020 00:09

Instrument :

MSVOA\_X

ClientSampleId :

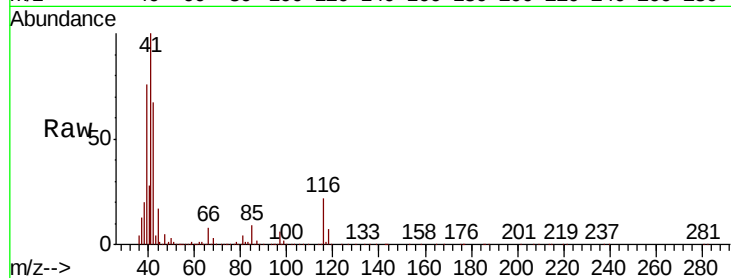
BG495

Tot Ion: 85 Resp: 7307

Ion Ratio Lower Upper

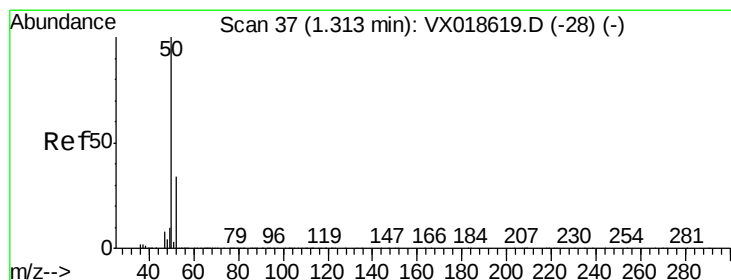
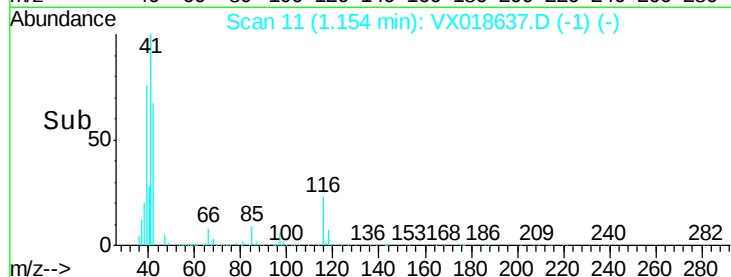
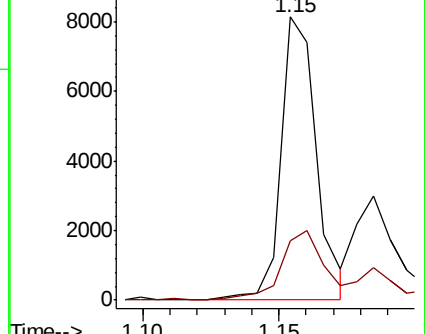
85 100

87 29.9 26.1 39.1



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#3

Chloromethane

Concen: 0.158 ug/L

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018637.D

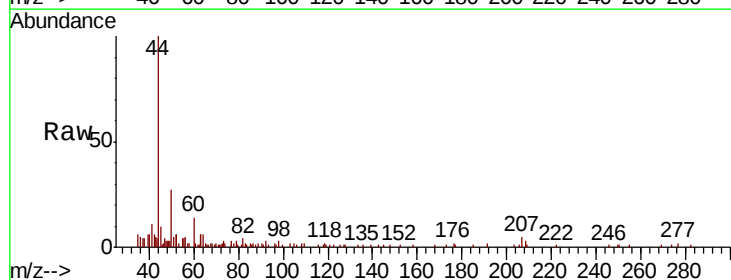
Acq: 29 Sep 2020 00:09

Tgt Ion: 50 Resp: 2556

Ion Ratio Lower Upper

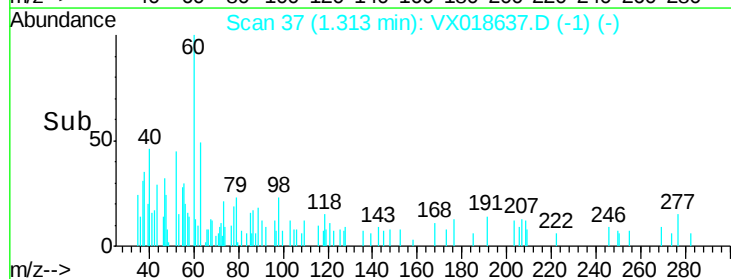
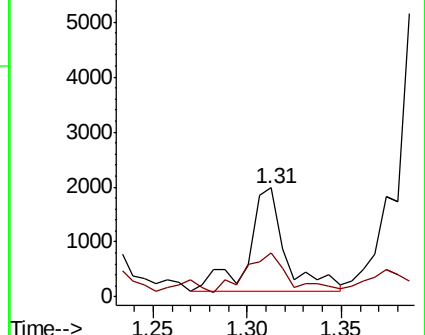
50 100

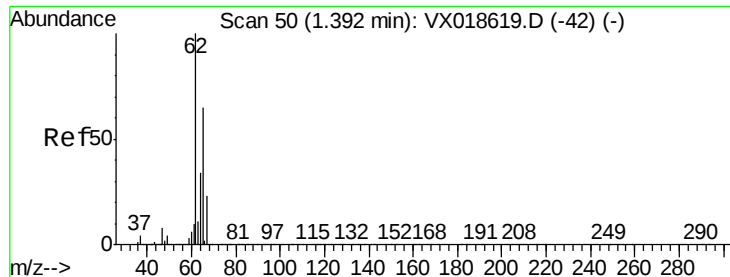
52 40.8 21.2 39.4#



Abundance Ion 50.05 (49.75 to 50.75): VX0

Ion 52.05 (51.75 to 52.75): VX0





#5

Vinyl chloride

Concen: 58.771 ug/L

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018637.D

Acq: 29 Sep 2020 00:09

Instrument :

MSVOA\_X

ClientSampleId :

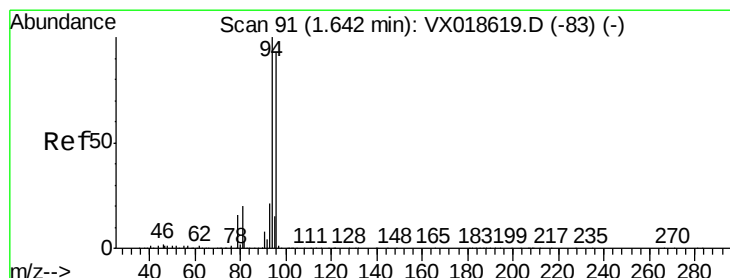
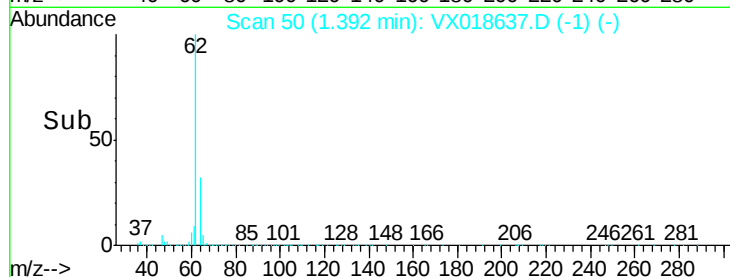
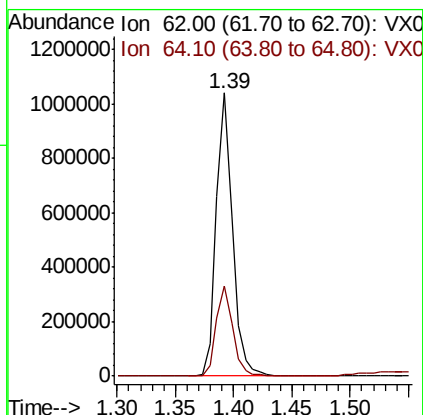
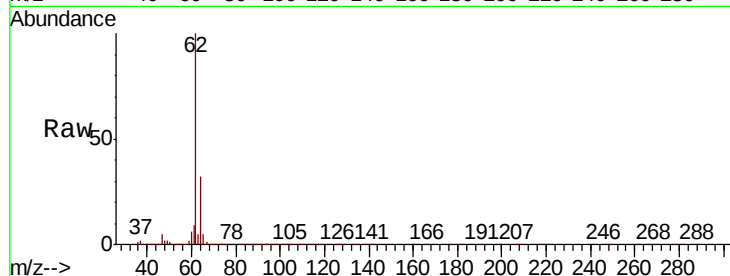
BG495

Tot Ion: 62 Resp: 993379

Ion Ratio Lower Upper

62 100

64 31.9 23.6 43.8



#6

Bromomethane

Concen: 0.090 ug/L

RT: 1.64 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX018637.D

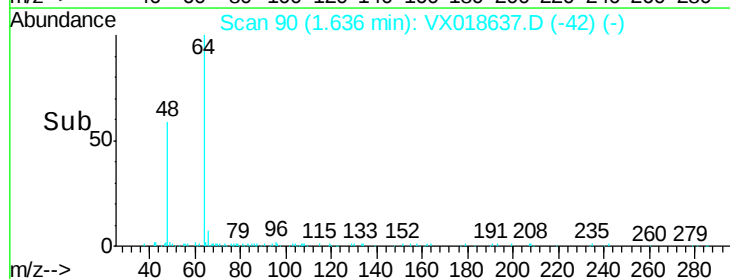
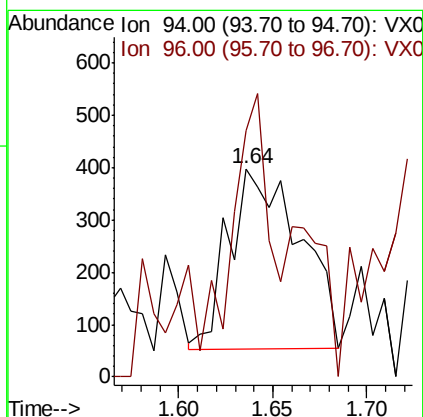
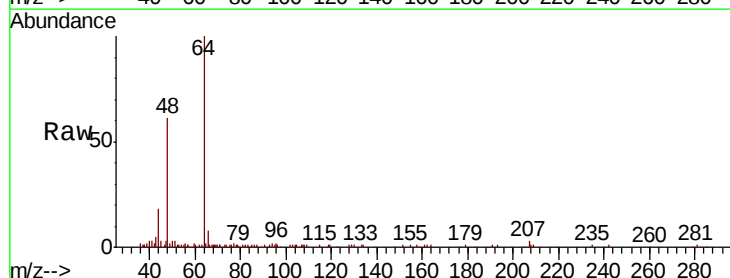
Acq: 29 Sep 2020 00:09

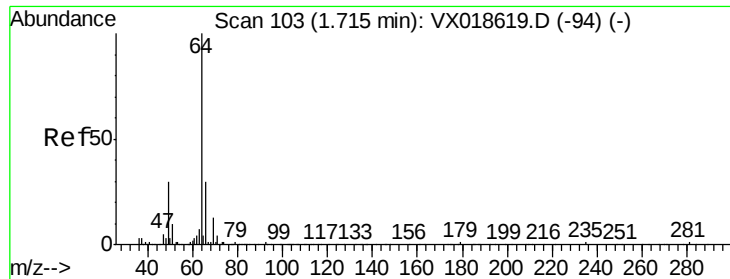
Tgt Ion: 94 Resp: 906

Ion Ratio Lower Upper

94 100

96 118.3 67.8 125.8





#8

Chloroethane

Concen: 100.625 ug/L

RT: 1.72 min Scan# 103

Delta R.T. -0.00 min

Lab File: VX018637.D

Acq: 29 Sep 2020 00:09

Instrument :

MSVOA\_X

ClientSampleId :

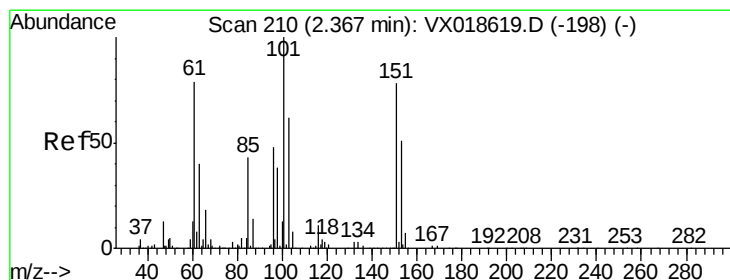
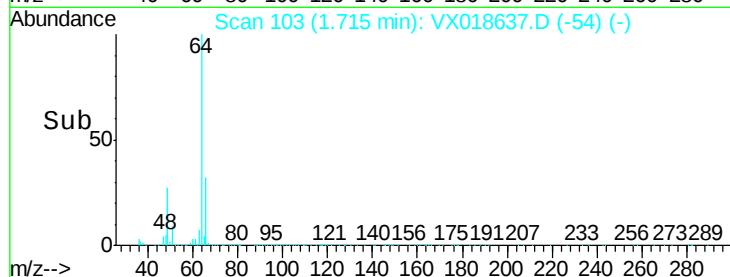
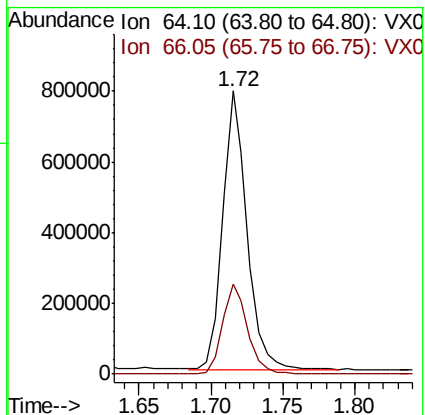
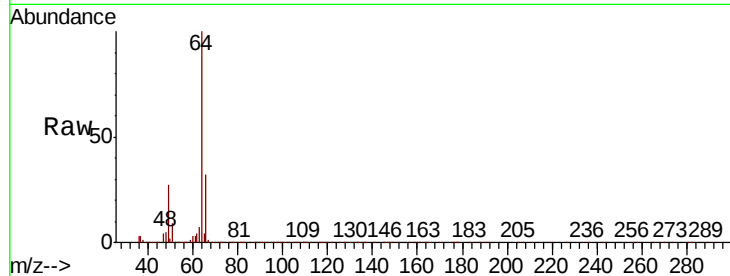
BG495

Tot Ion: 64 Resp: 935303

Ion Ratio Lower Upper

64 100

66 31.9 22.3 41.3



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.291 ug/L

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX018637.D

Acq: 29 Sep 2020 00:09

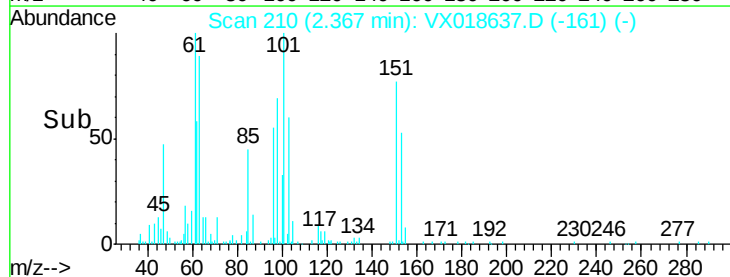
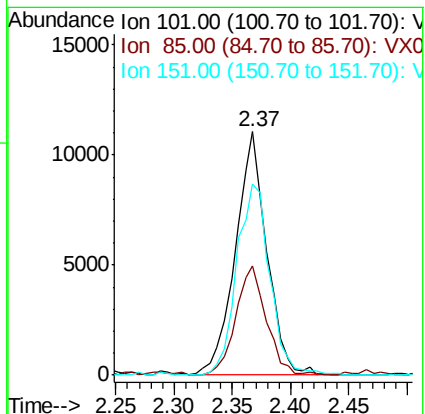
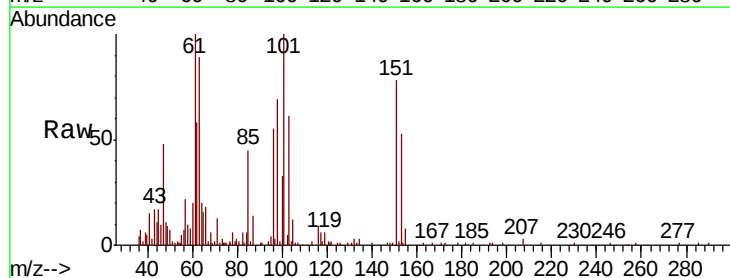
Tgt Ion: 101 Resp: 20746

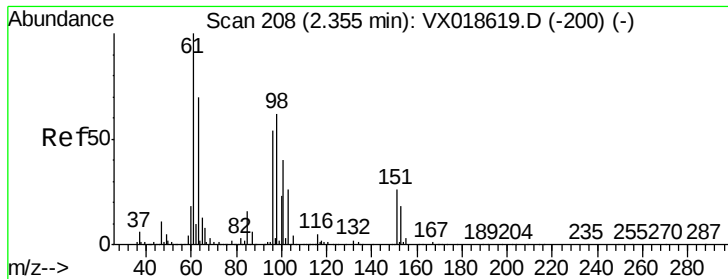
Ion Ratio Lower Upper

101 100

85 43.4 36.1 54.1

151 83.1 65.5 98.3





#12

1,1-Dichloroethene

Concen: 1.253 ug/L

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX018637.D

Acq: 29 Sep 2020 00:09

Instrument :

MSVOA\_X

ClientSampleId :

BG495

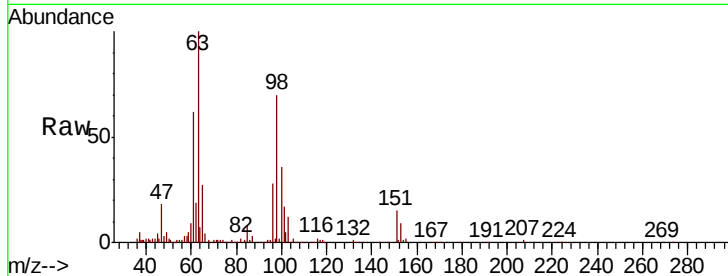
Tot Ion: 96 Resp: 19097

Ion Ratio Lower Upper

96 100

61 224.6 123.8 229.8

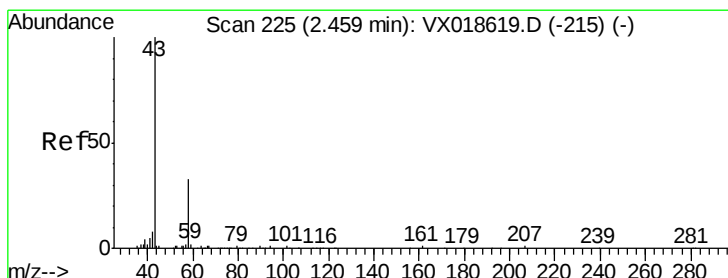
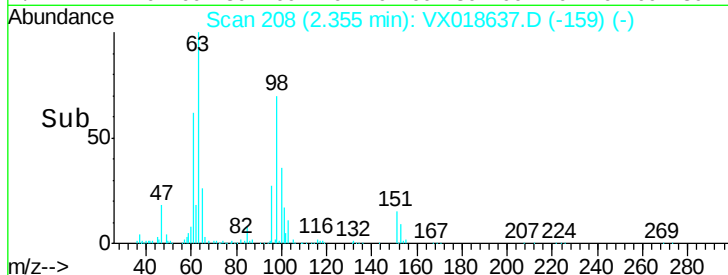
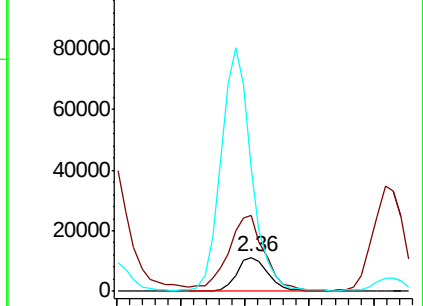
63 363.1 104.7 194.4#



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 63.00 (62.70 to 63.70): VX0



#13

Acetone

Concen: 283.320 ug/L

RT: 2.46 min Scan# 226

Delta R.T. 0.01 min

Lab File: VX018637.D

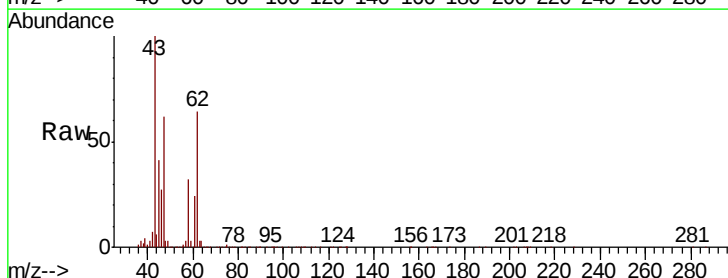
Acq: 29 Sep 2020 00:09

Tgt Ion: 43 Resp: 653217

Ion Ratio Lower Upper

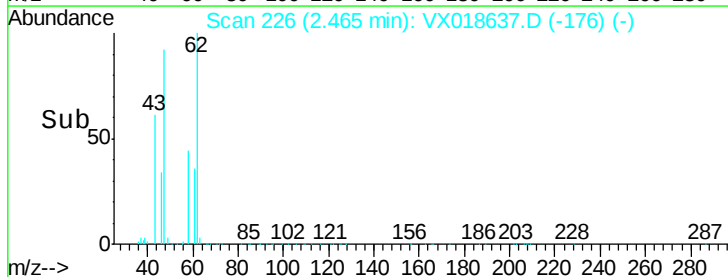
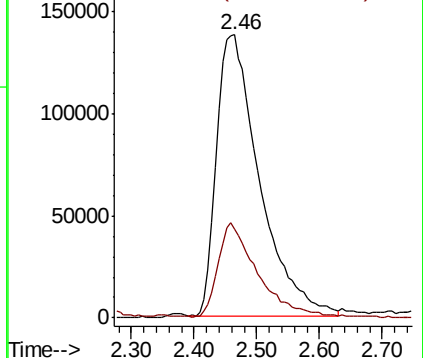
43 100

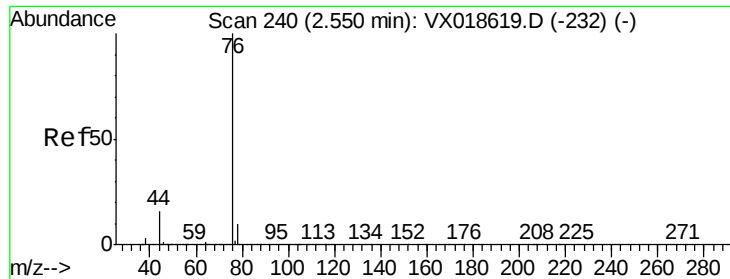
58 30.2 0.0 61.6



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0

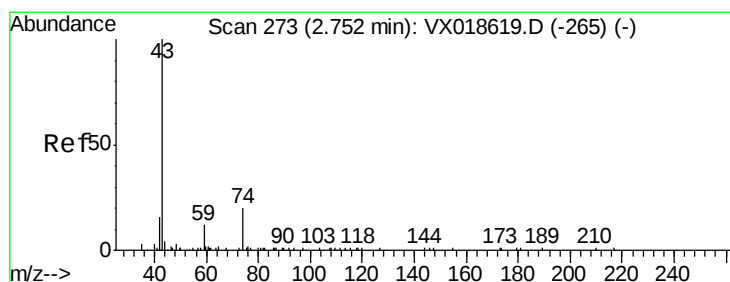
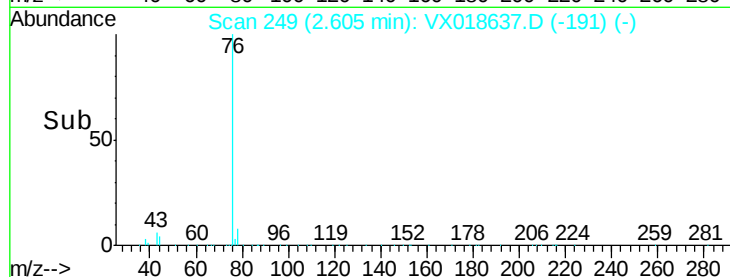
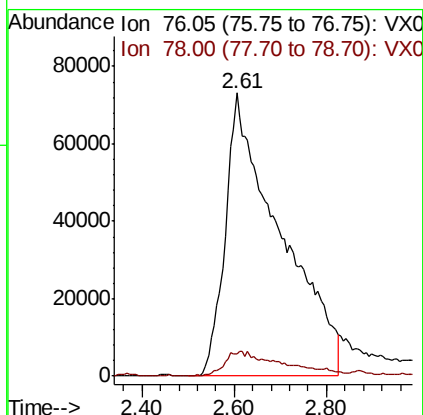
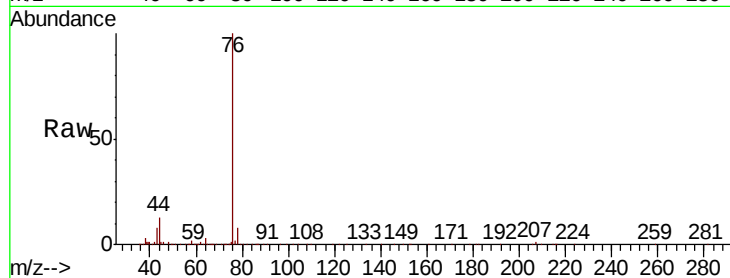




#14  
Carbon disulfide  
Concen: 12.920 ug/L  
RT: 2.61 min Scan# 249  
Delta R.T. 0.05 min  
Lab File: VX018637.D  
Acq: 29 Sep 2020 00:09

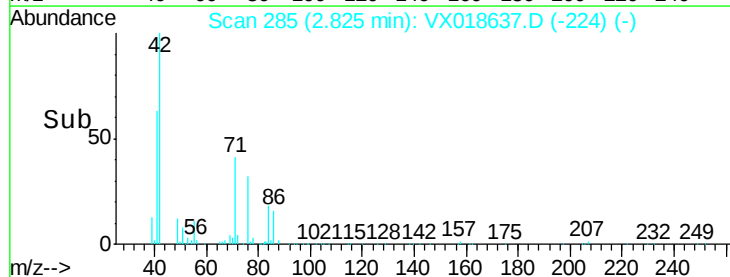
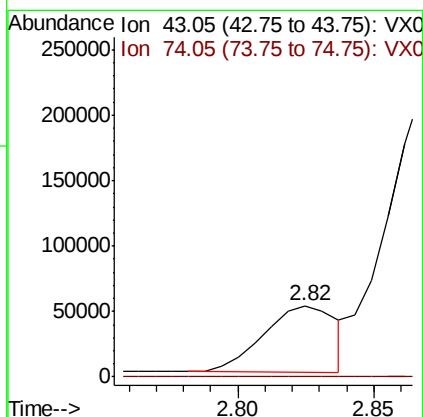
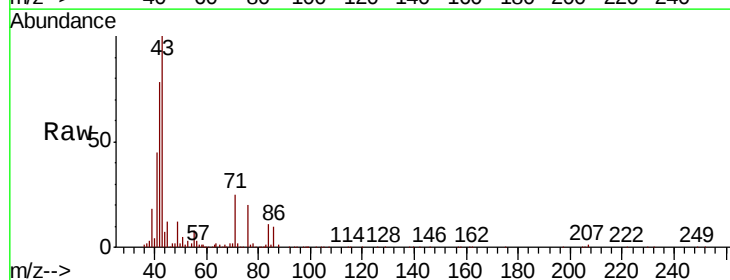
Instrument :  
MSVOA\_X  
ClientSampleId :  
BG495

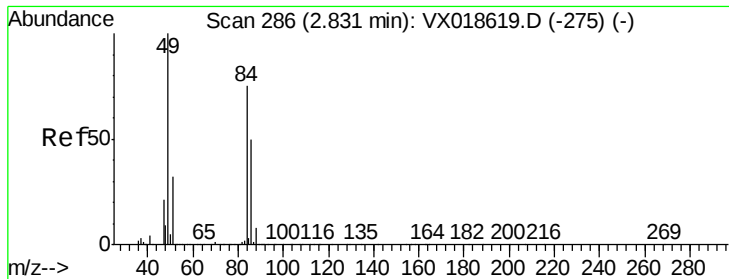
Tot Ion: 76 Resp: 598680  
Ion Ratio Lower Upper  
76 100  
78 8.0 7.4 11.0



#15  
Methyl Acetate  
Concen: 14.739 ug/L  
RT: 2.82 min Scan# 285  
Delta R.T. 0.07 min  
Lab File: VX018637.D  
Acq: 29 Sep 2020 00:09

Tgt Ion: 43 Resp: 94055  
Ion Ratio Lower Upper  
43 100  
74 0.2 21.2 31.8#

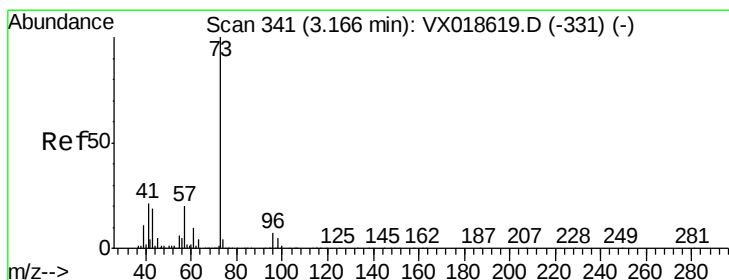
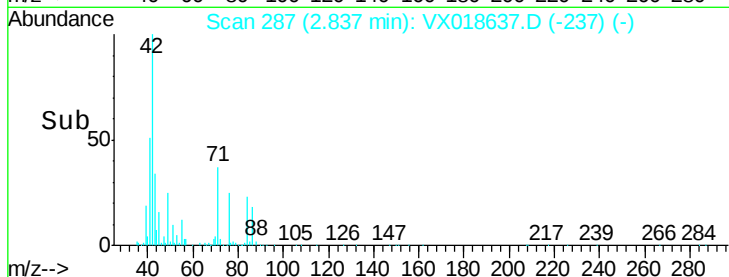
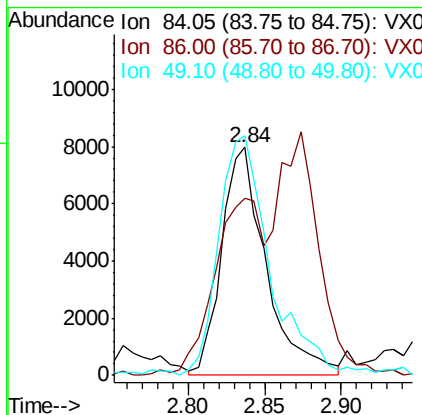
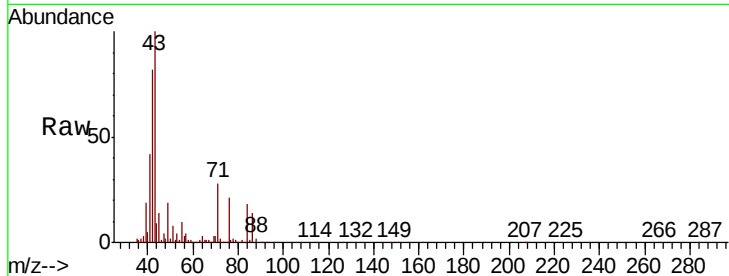




#16  
Methylene chloride  
Concen: 0.774 ug/L  
RT: 2.84 min Scan# 287  
Delta R.T. 0.01 min  
Lab File: VX018637.D  
Acq: 29 Sep 2020 00:09

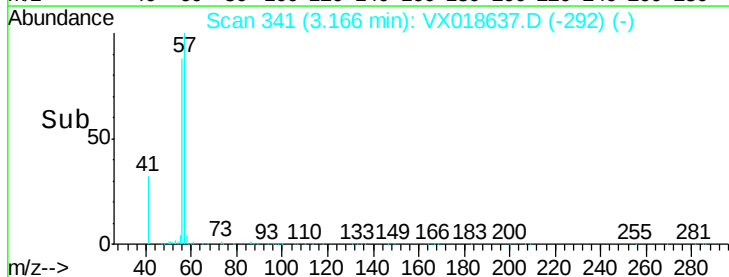
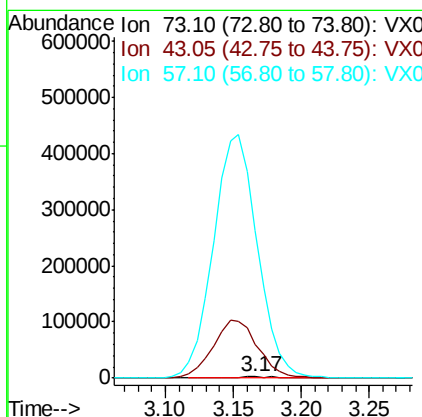
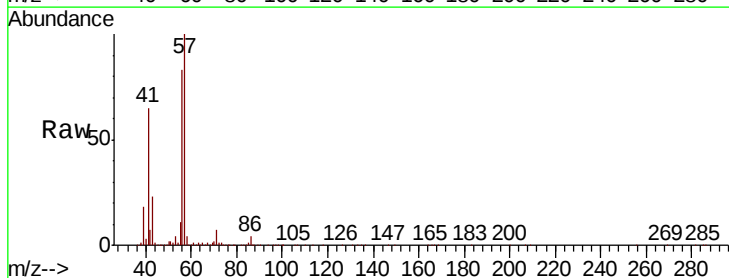
Instrument :  
MSVOA\_X  
ClientSampleId :  
BG495

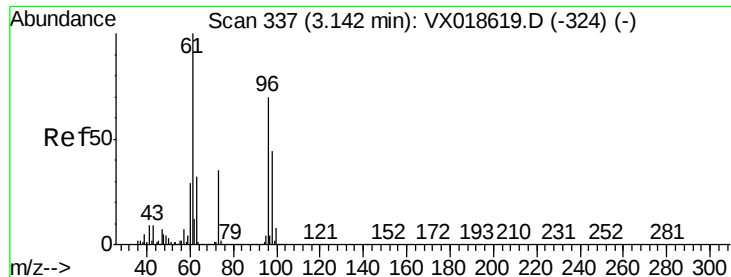
Tot Ion: 84 Resp: 16124  
Ion Ratio Lower Upper  
84 100  
86 77.6 41.9 77.7  
49 105.4 80.8 150.2



#17  
Methyl tert-butyl Ether  
Concen: 0.178 ug/L  
RT: 3.17 min Scan# 341  
Delta R.T. -0.00 min  
Lab File: VX018637.D  
Acq: 29 Sep 2020 00:09

Tgt Ion: 73 Resp: 6028  
Ion Ratio Lower Upper  
73 100  
43 3927.0 18.6 27.8#  
57 16195.8 17.3 25.9#

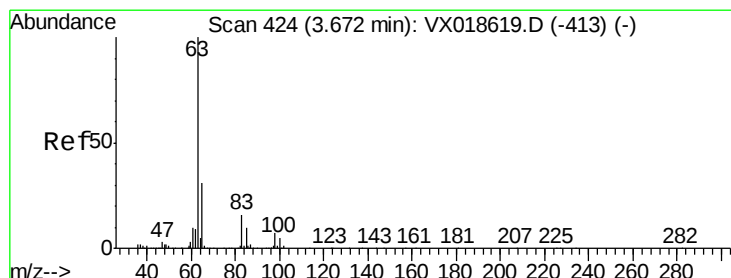
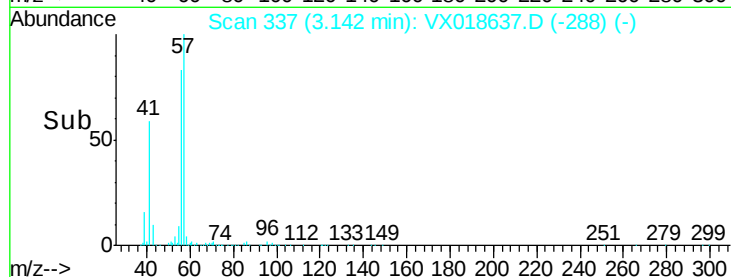
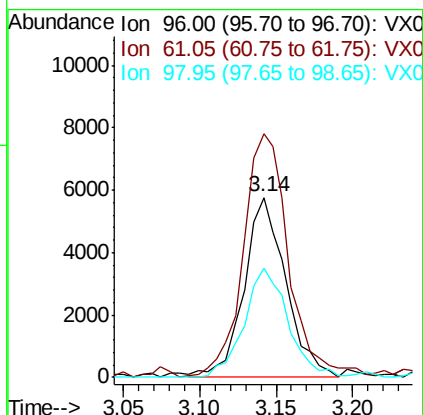
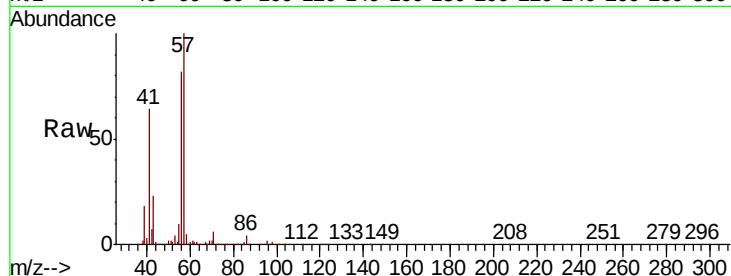




#18  
trans-1,2-Dichloroethene  
Concen: 0.715 ug/L  
RT: 3.14 min Scan# 337  
Delta R.T. -0.00 min  
Lab File: VX018637.D  
Acq: 29 Sep 2020 00:09

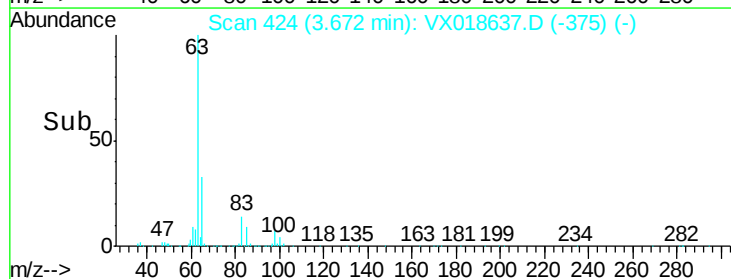
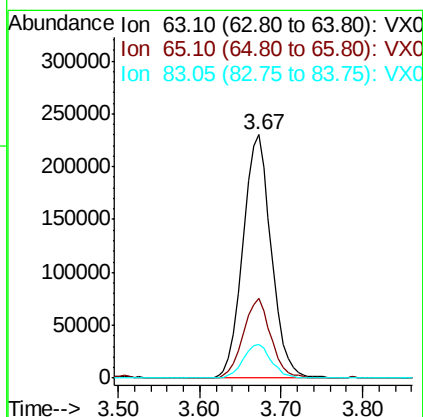
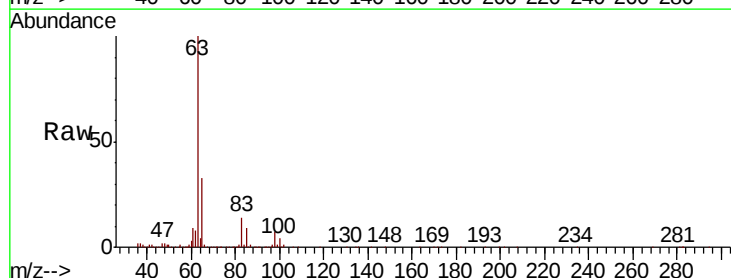
Instrument :  
MSVOA\_X  
ClientSampleId :  
BG495

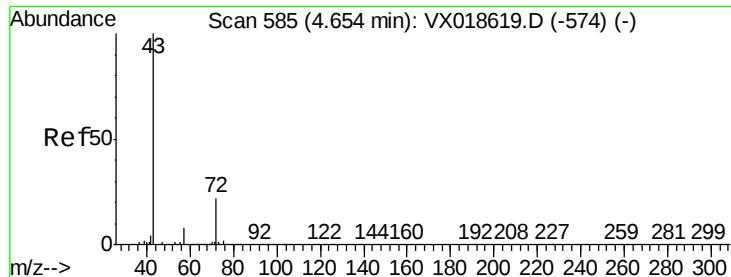
Tot Ion: 96 Resp: 10895  
Ion Ratio Lower Upper  
96 100  
61 135.3 97.3 180.7  
98 60.6 46.6 86.6



#19  
1,1-Dichloroethane  
Concen: 20.338 ug/L  
RT: 3.67 min Scan# 424  
Delta R.T. -0.00 min  
Lab File: VX018637.D  
Acq: 29 Sep 2020 00:09

Tgt Ion: 63 Resp: 555637  
Ion Ratio Lower Upper  
63 100  
65 32.6 22.7 42.1  
83 14.0 9.3 17.3





#21

2-Butanone

Concen: 59.850 ug/L

RT: 4.66 min Scan# 586

Delta R.T. 0.01 min

Lab File: VX018637.D

Acq: 29 Sep 2020 00:09

Instrument :

MSVOA\_X

ClientSampled :

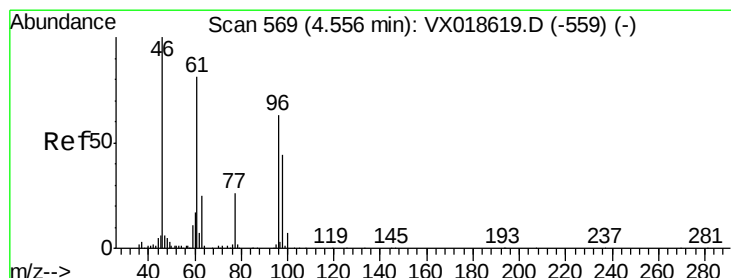
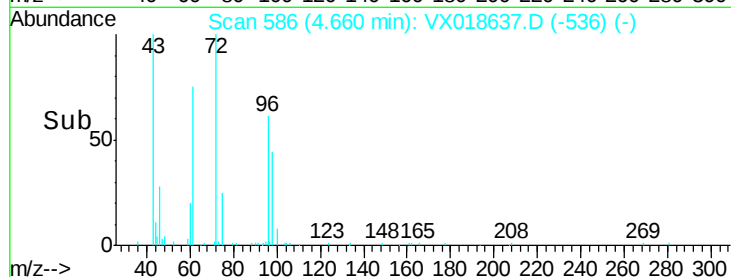
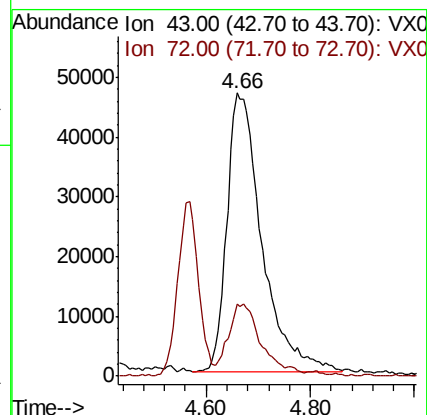
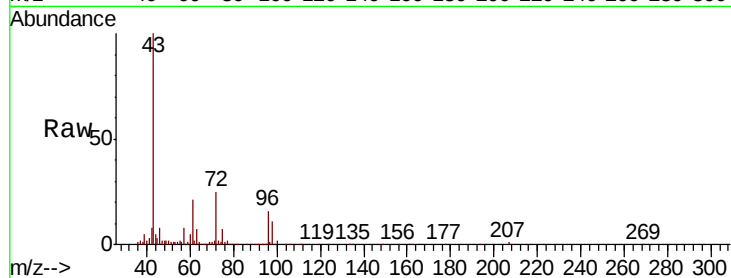
BG495

Tot Ion: 43 Resp: 219024

Ion Ratio Lower Upper

43 100

72 23.5 5.2 15.6#



#22

cis-1,2-Dichloroethene

Concen: 478.728 ug/L

RT: 4.56 min Scan# 570

Delta R.T. 0.01 min

Lab File: VX018637.D

Acq: 29 Sep 2020 00:09

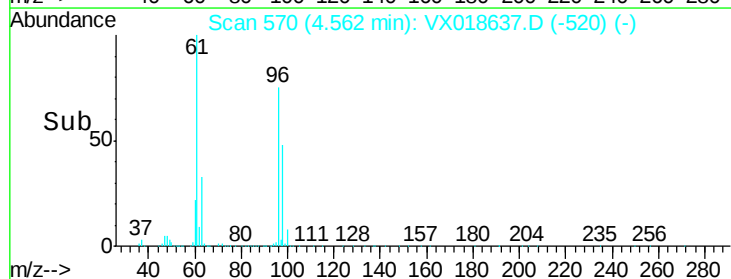
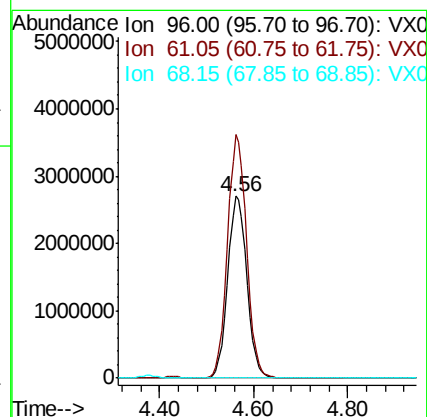
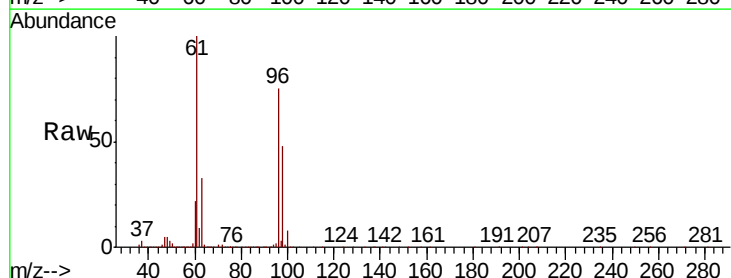
Tgt Ion: 96 Resp: 7609547

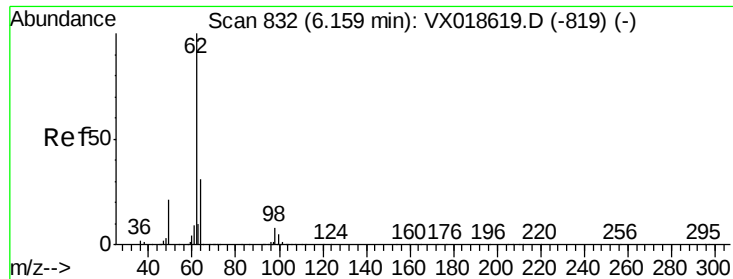
Ion Ratio Lower Upper

96 100

61 134.1 87.7 162.9

68 0.0 0.3 0.7#

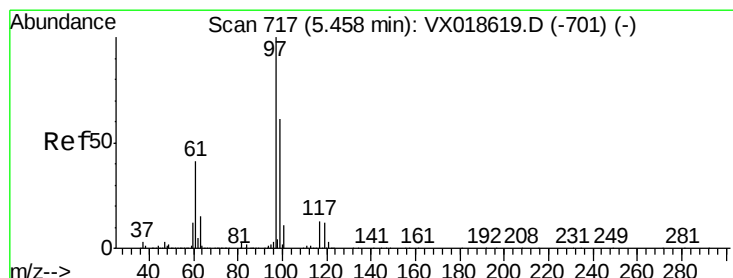
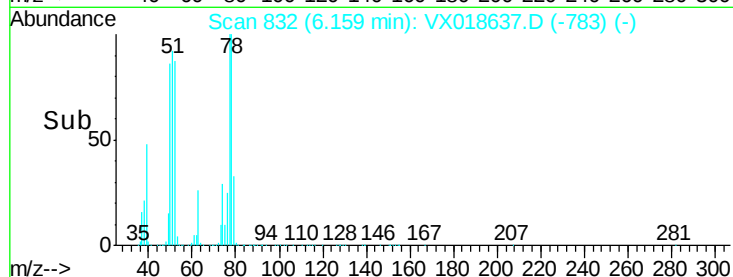
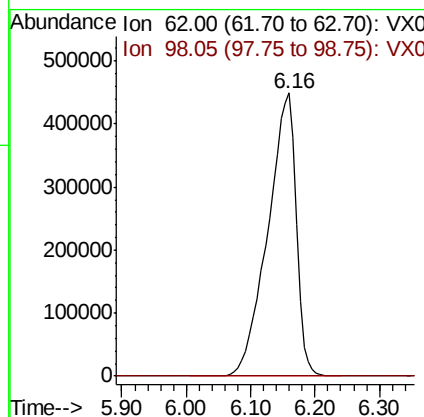
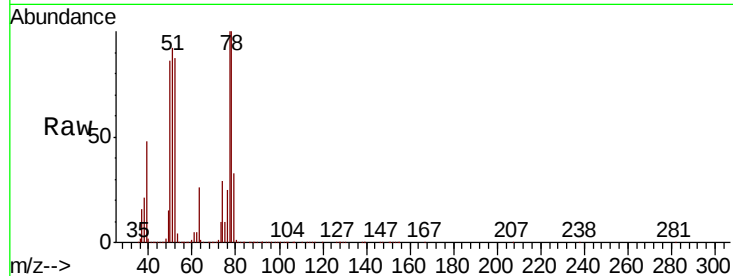




#27  
 1,2-Dichloroethane  
 Concen: 73.179 ug/L  
 RT: 6.16 min Scan# 832  
 Delta R.T. -0.00 min  
 Lab File: VX018637.D  
 Acq: 29 Sep 2020 00:09

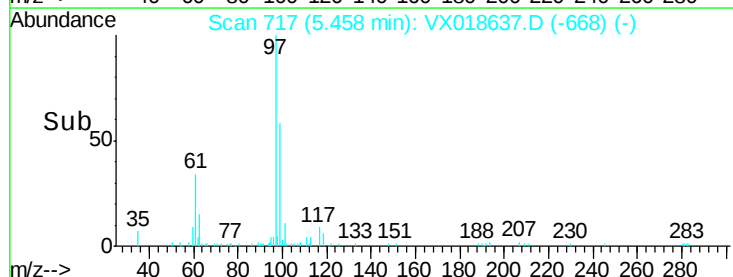
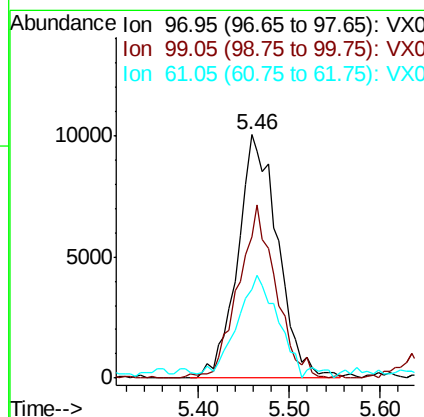
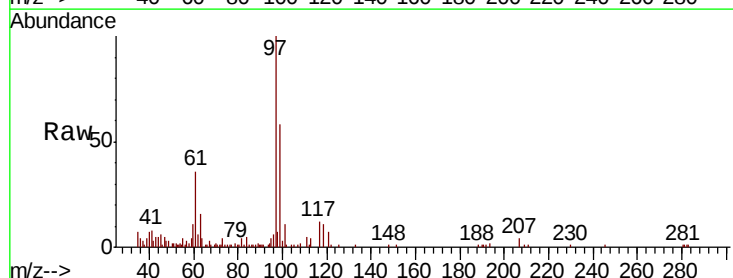
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BG495

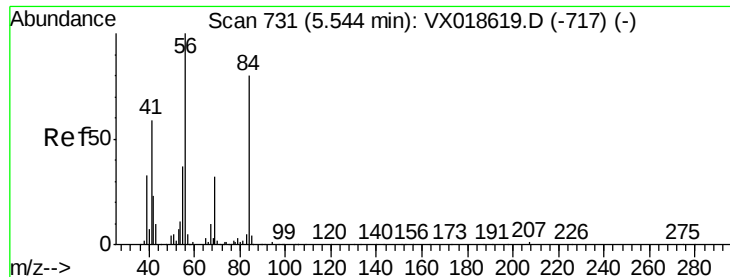
Tot Ion: 62 Resp: 1382169  
 Ion Ratio Lower Upper  
 62 100  
 98 0.0 7.0 10.4#



#29  
 1,1,1-Trichloroethane  
 Concen: 1.066 ug/L  
 RT: 5.46 min Scan# 717  
 Delta R.T. -0.00 min  
 Lab File: VX018637.D  
 Acq: 29 Sep 2020 00:09

Tgt Ion: 97 Resp: 30776  
 Ion Ratio Lower Upper  
 97 100  
 99 66.6 50.0 75.0  
 61 39.6 33.9 50.9

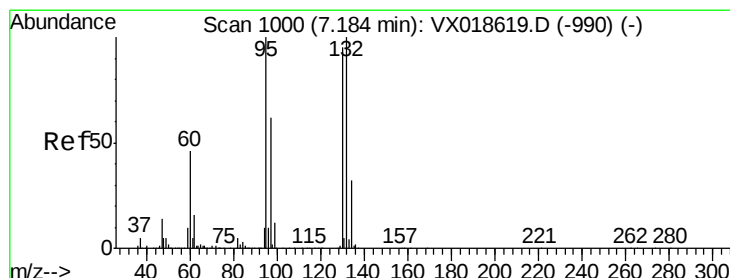
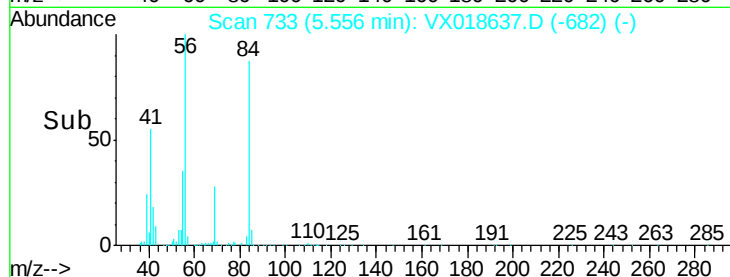
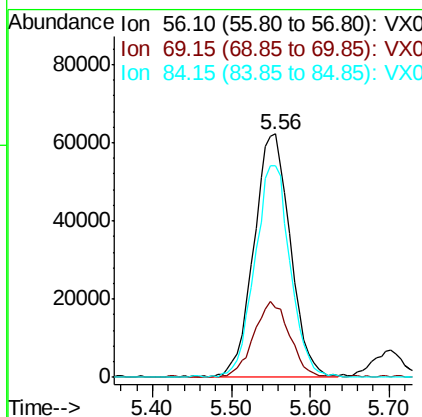
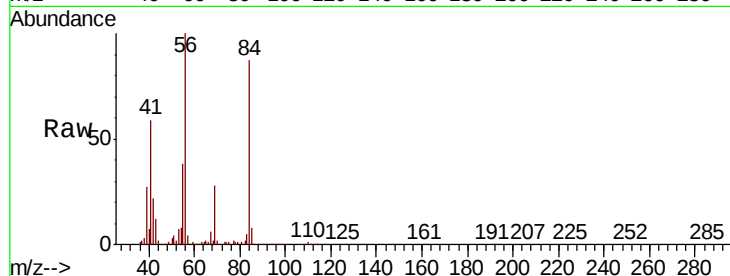




#30  
Cyclohexane  
Concen: 8.688 ug/L  
RT: 5.56 min Scan# 733  
Delta R.T. 0.01 min  
Lab File: VX018637.D  
Acq: 29 Sep 2020 00:09

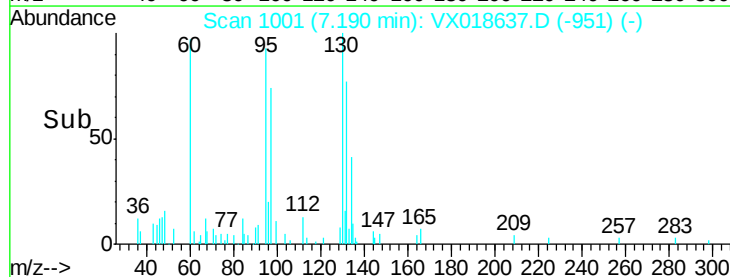
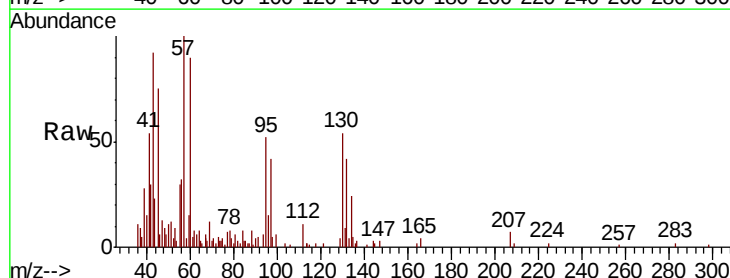
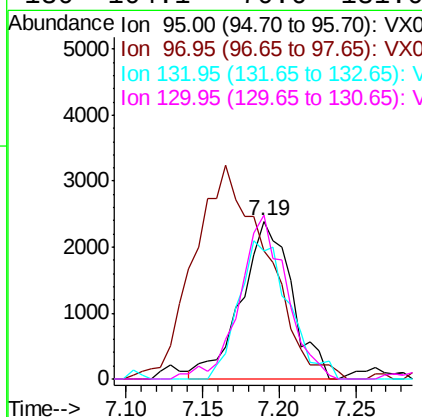
Instrument :  
MSVOA\_X  
ClientSampleId :  
BG495

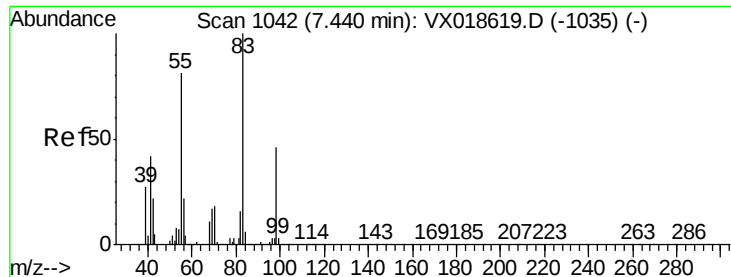
| Tot Ion   | 56    | Resp  | 199459 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 56        | 100   |       |        |
| 69        | 30.9  | 26.4  | 39.6   |
| 84        | 84.5  | 72.7  | 109.1  |



#34  
Trichloroethene  
Concen: 0.324 ug/L  
RT: 7.19 min Scan# 1001  
Delta R.T. 0.01 min  
Lab File: VX018637.D  
Acq: 29 Sep 2020 00:09

| Tgt Ion   | 95    | Resp  | 5473  |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 95        | 100   |       |       |
| 97        | 80.9  | 40.6  | 75.4# |
| 132       | 80.7  | 64.3  | 119.5 |
| 130       | 104.1 | 70.6  | 131.0 |

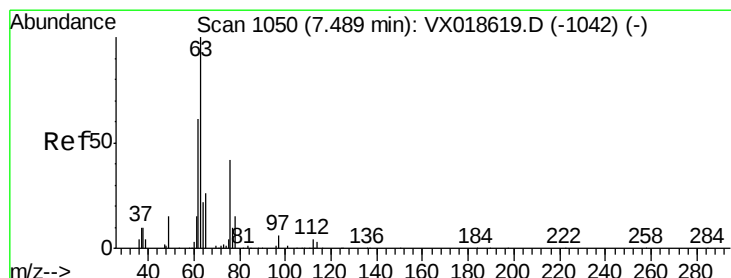
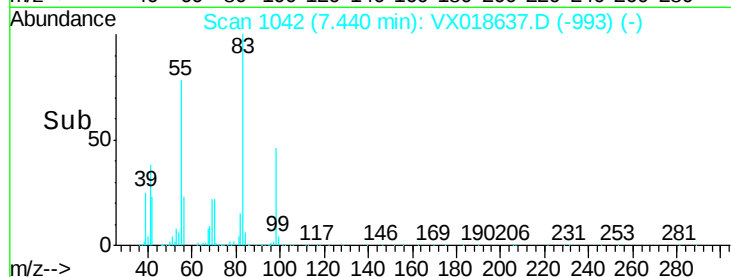
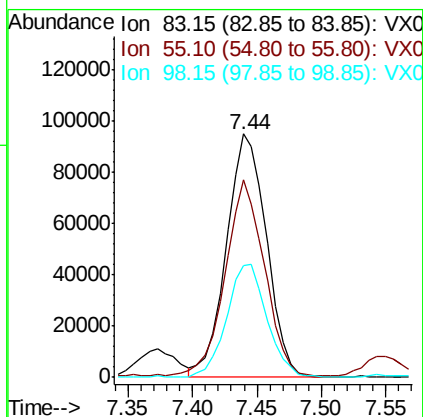
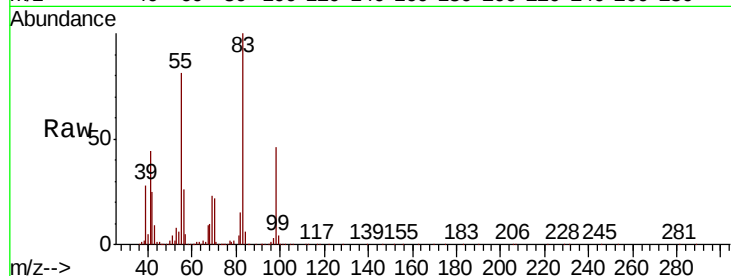




#35  
Methylcyclohexane  
Concen: 8.704 ug/L  
RT: 7.44 min Scan# 1042  
Delta R.T. -0.00 min  
Lab File: VX018637.D  
Acq: 29 Sep 2020 00:09

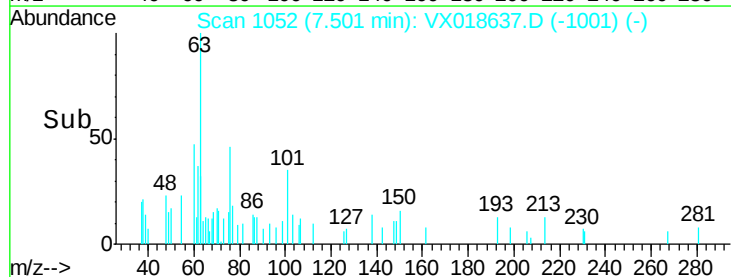
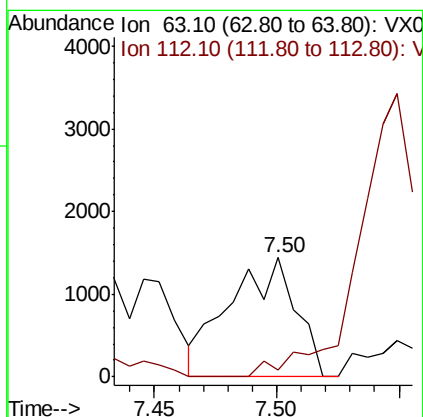
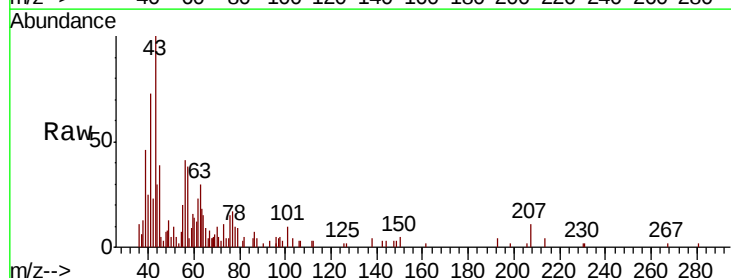
Instrument :  
MSVOA\_X  
ClientSampled :  
BG495

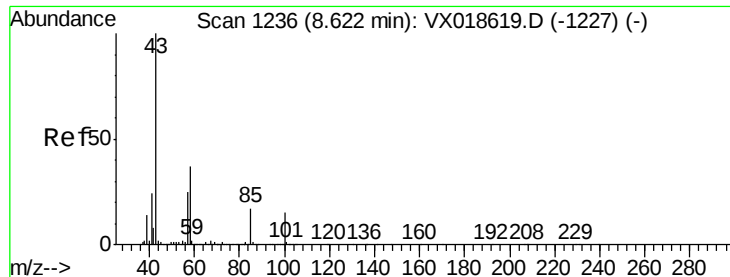
Tot Ion: 83 Resp: 204645  
Ion Ratio Lower Upper  
83 100  
55 79.2 67.4 101.0  
98 46.9 41.1 61.7



#37  
1,2-Dichloropropane  
Concen: 0.174 ug/L  
RT: 7.50 min Scan# 1052  
Delta R.T. 0.01 min  
Lab File: VX018637.D  
Acq: 29 Sep 2020 00:09

Tgt Ion: 63 Resp: 2710  
Ion Ratio Lower Upper  
63 100  
112 0.0 4.1 6.1#



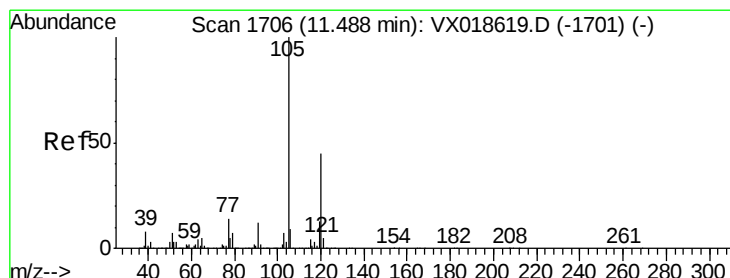
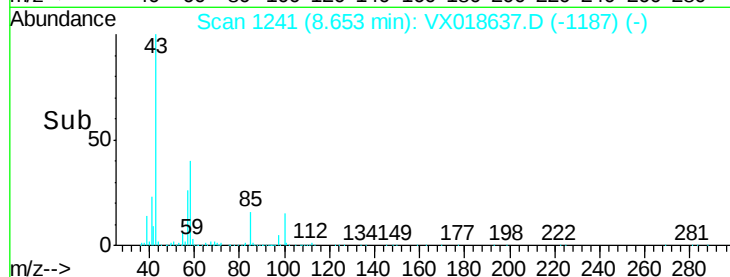
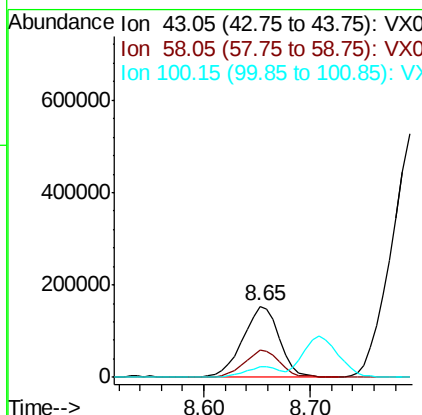
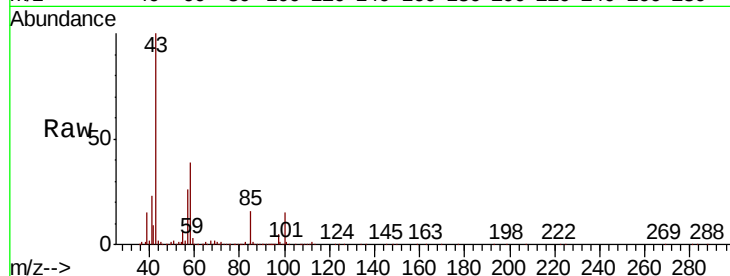


#40  
 4-Methyl-2-pentanone  
 Concen: 42.080 ug/L  
 RT: 8.65 min Scan# 1241  
 Delta R.T. 0.03 min  
 Lab File: VX018637.D  
 Acq: 29 Sep 2020 00:09

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BG495

Tot Ion: 43 Resp: 363547  

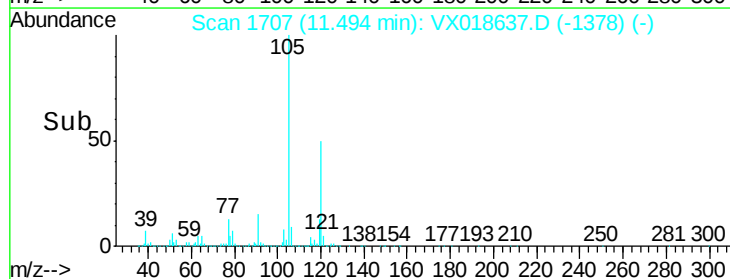
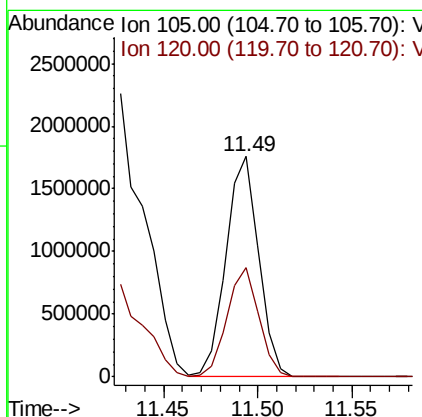
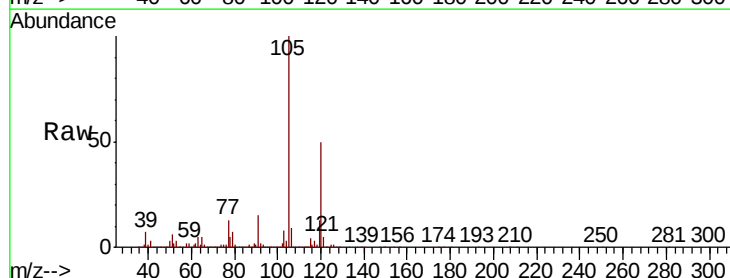
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 39.4  | 30.2  | 45.4  |
| 100 | 14.8  | 11.8  | 17.8  |

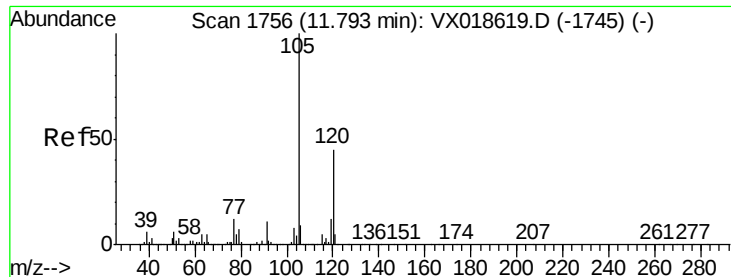


#43  
 1,3,5-Trimethylbenzene  
 Concen: 38.363 ug/L  
 RT: 11.49 min Scan# 1707  
 Delta R.T. 0.01 min  
 Lab File: VX018637.D  
 Acq: 29 Sep 2020 00:09

Tgt Ion: 105 Resp: 2116416  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 120 | 48.5  | 37.2  | 55.8  |





#44

1,2,4-Trimethylbenzene

Concen: 157.330 ug/L

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018637.D

Acq: 29 Sep 2020 00:09

Instrument :

MSVOA\_X

ClientSampleId :

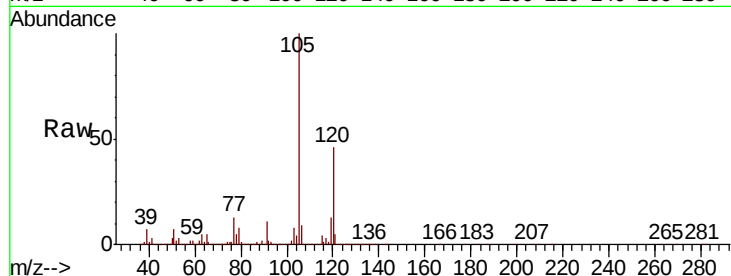
BG495

Tot Ion:105 Resp: 8683441

Ion Ratio Lower Upper

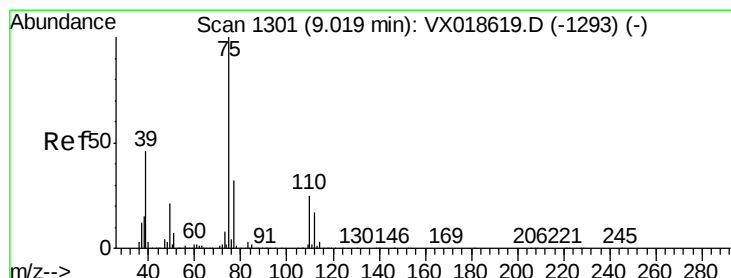
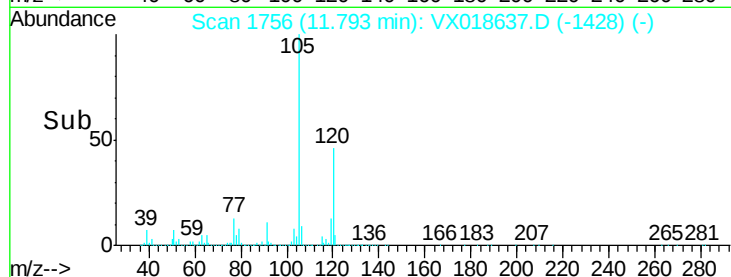
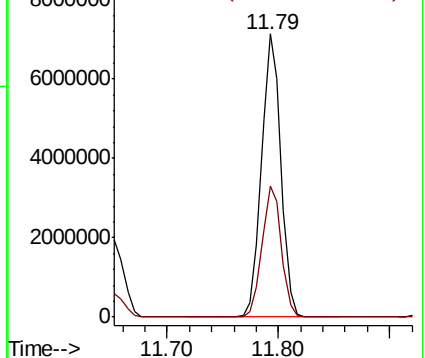
105 100

120 46.4 36.8 55.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#46

trans-1,3-Dichloropropene

Concen: 115.829 ug/L

RT: 8.82 min Scan# 1268

Delta R.T. -0.20 min

Lab File: VX018637.D

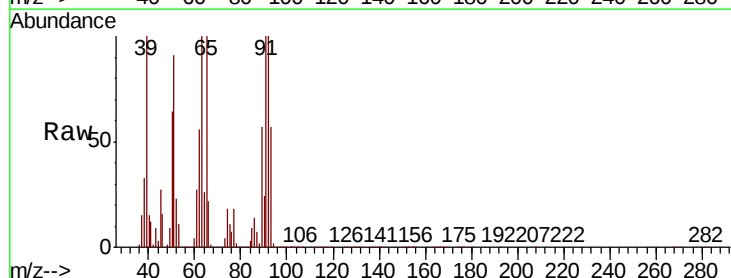
Acq: 29 Sep 2020 00:09

Tgt Ion: 75 Resp: 2335298

Ion Ratio Lower Upper

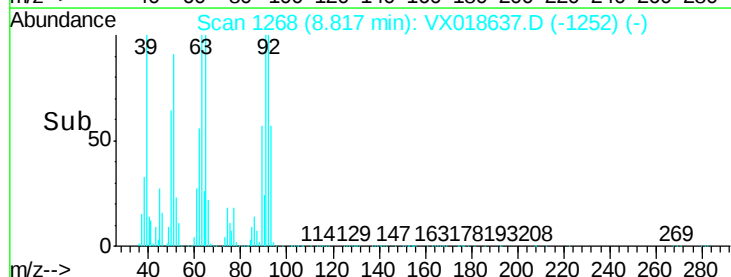
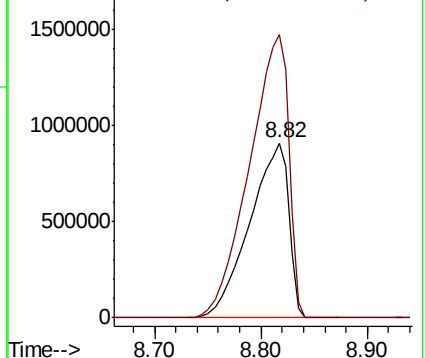
75 100

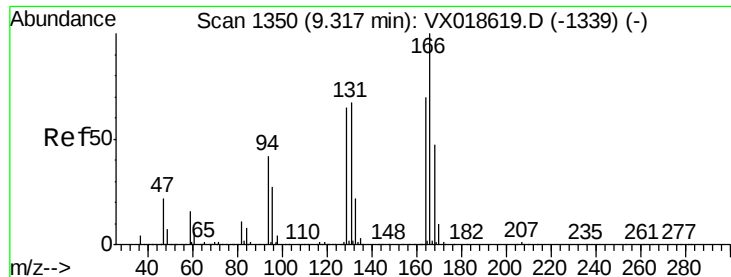
77 161.6 21.2 39.4#



Abundance Ion 75.05 (74.75 to 75.75): VX0

Ion 77.05 (76.75 to 77.75): VX0





#49

Tetrachloroethene

Concen: 0.182 ug/L

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX018637.D

Acq: 29 Sep 2020 00:09

Instrument :

MSVOA\_X

ClientSampleId :

BG495

Tot Ion:164 Resp: 2417

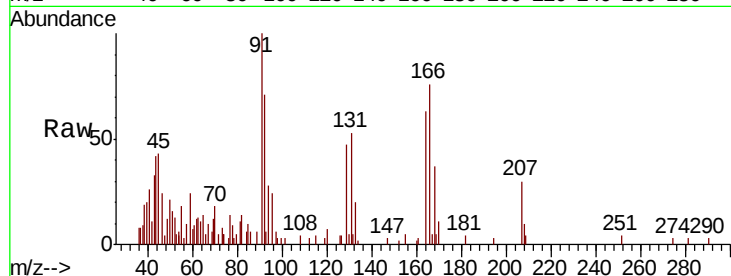
Ion Ratio Lower Upper

164 100

129 75.3 65.9 122.3

131 84.9 61.4 114.0

166 121.2 91.0 169.0

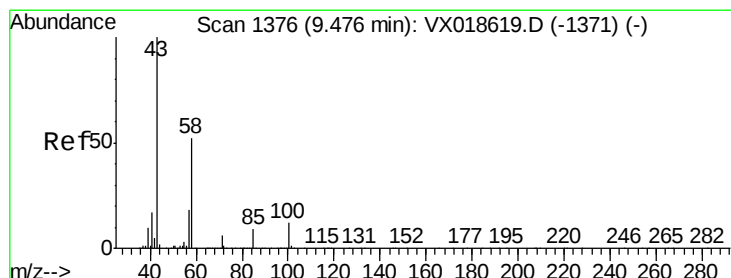
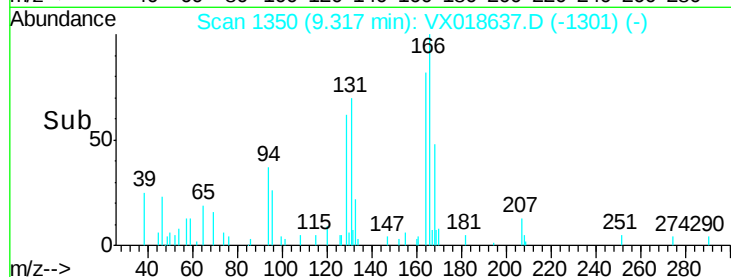
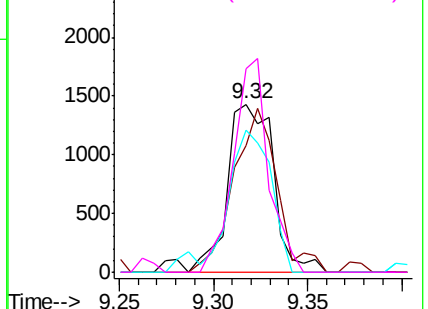


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#50

2-Hexanone

Concen: 0.766 ug/L

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX018637.D

Acq: 29 Sep 2020 00:09

Tgt Ion: 43 Resp: 4685

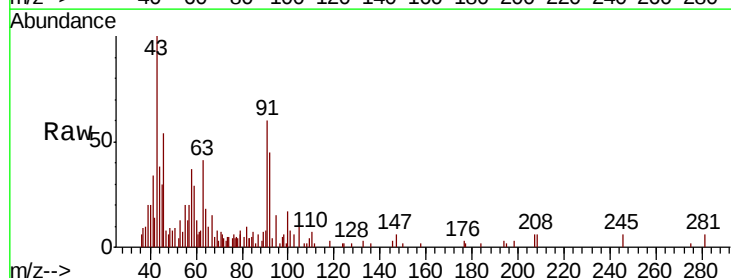
Ion Ratio Lower Upper

43 100

58 36.4 42.5 63.7#

57 0.0 15.9 23.9#

100 9.1 9.4 14.0#

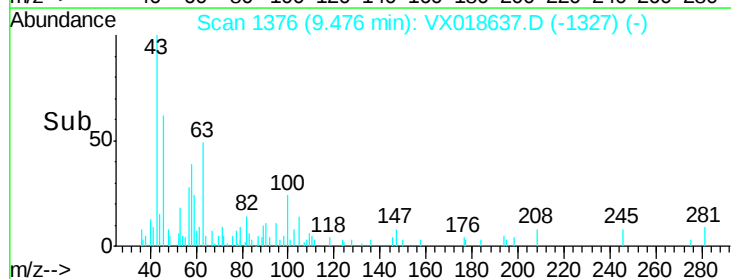
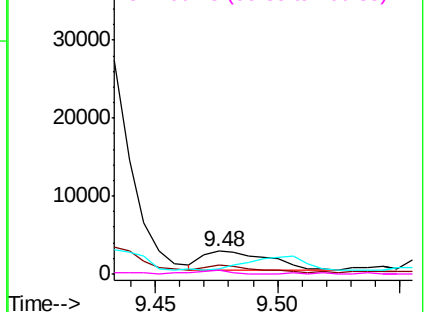


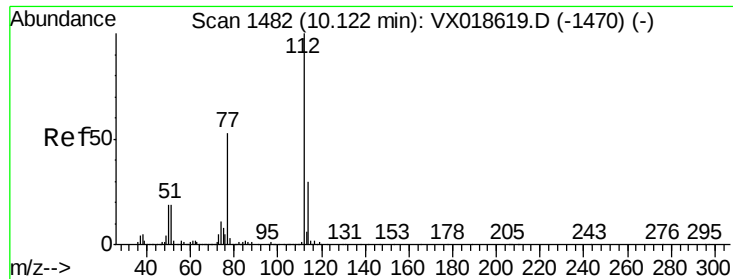
Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0

Ion 57.20 (56.90 to 57.90): VX0

Ion 100.15 (99.85 to 100.85): VX0





#53

Chlorobenzene

Concen: 176.881 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018637.D

Acq: 29 Sep 2020 00:09

Instrument :

MSVOA\_X

ClientSampleId :

BG495

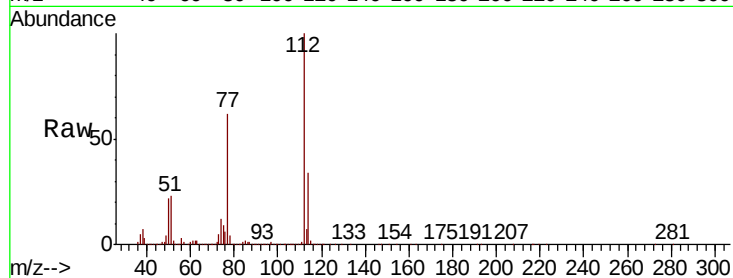
Tot Ion:112 Resp: 7372962

Ion Ratio Lower Upper

112 100

114 33.6 20.6 38.4

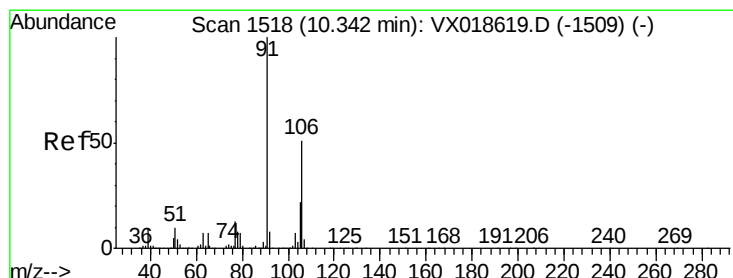
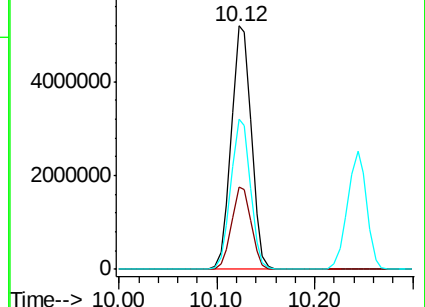
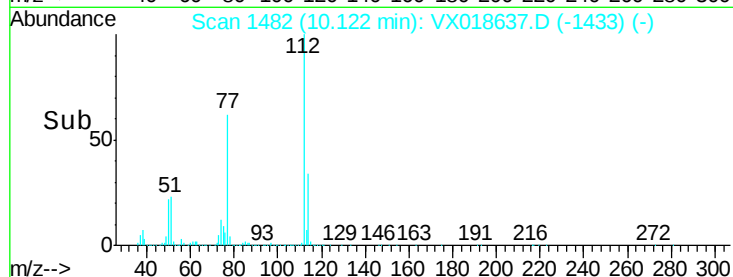
77 61.8 46.6 69.8



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VX0



#55

m,p-xylene

Concen: 669.299 ug/L

RT: 10.35 min Scan# 1519

Delta R.T. 0.01 min

Lab File: VX018637.D

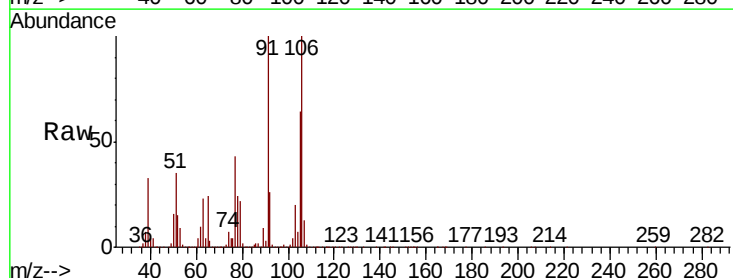
Acq: 29 Sep 2020 00:09

Tgt Ion:106 Resp:17589676

Ion Ratio Lower Upper

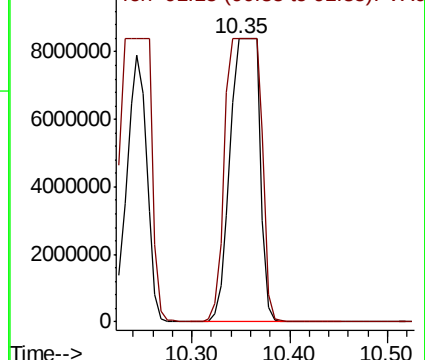
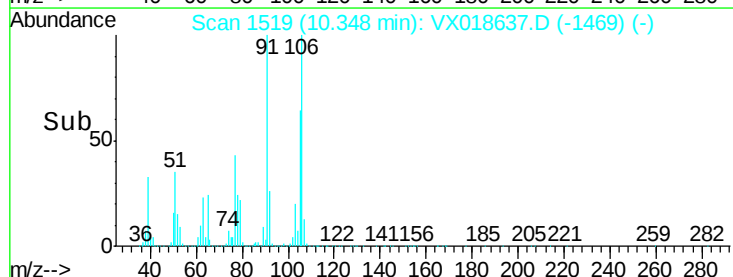
106 100

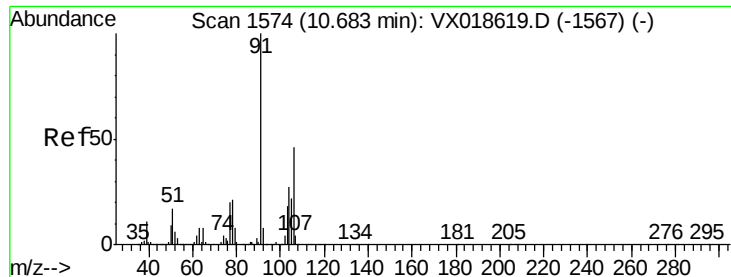
91 100.0 140.3 260.6#



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0

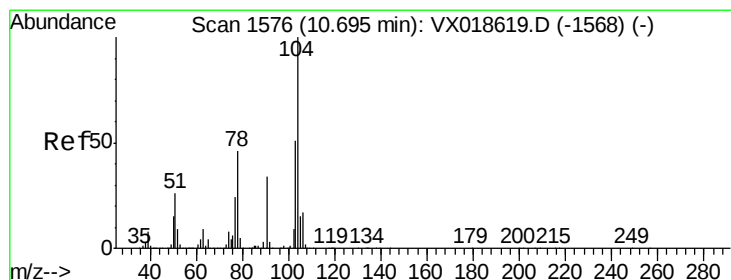
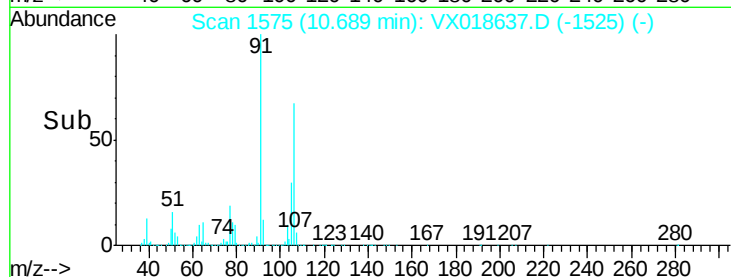
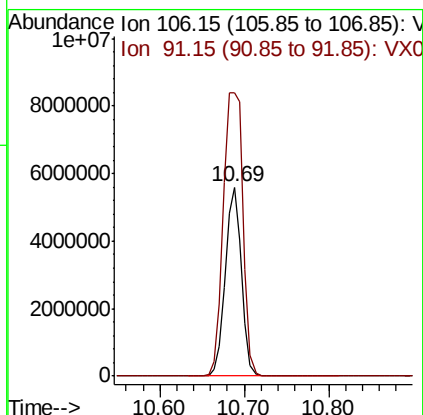
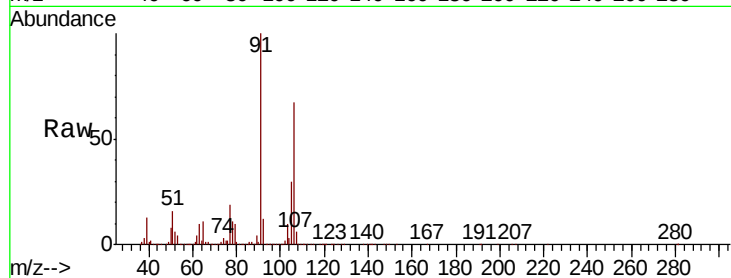




#56  
o-xylene  
Concen: 297.298 ug/L  
RT: 10.69 min Scan# 1575  
Delta R.T. 0.01 min  
Lab File: VX018637.D  
Acq: 29 Sep 2020 00:09

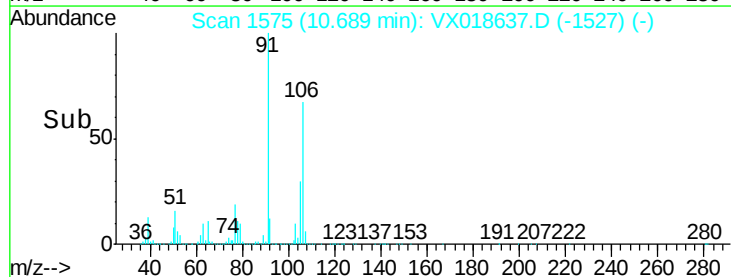
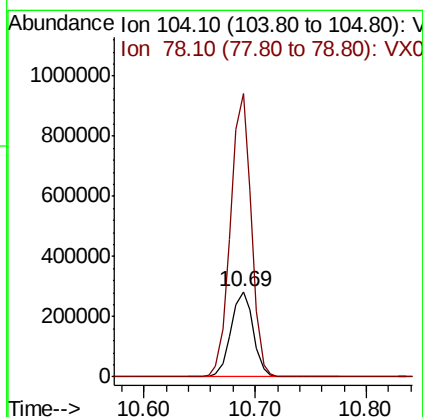
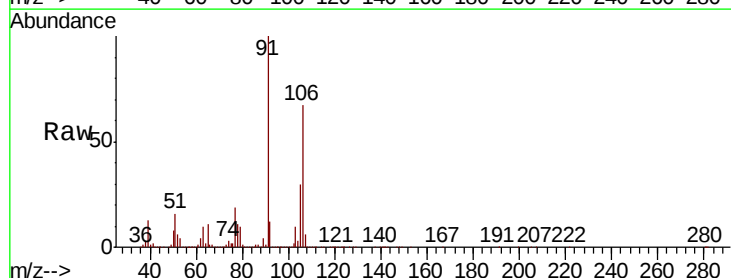
Instrument :  
MSVOA\_X  
ClientSampleId :  
BG495

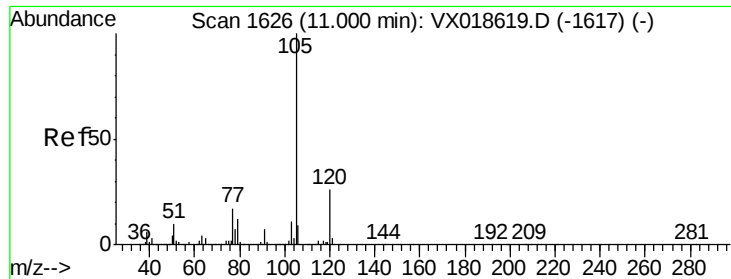
Tot Ion:106 Resp: 7382722  
Ion Ratio Lower Upper  
106 100  
91 149.7 167.5 311.1#



#57  
Styrene  
Concen: 9.572 ug/L  
RT: 10.69 min Scan# 1575  
Delta R.T. -0.01 min  
Lab File: VX018637.D  
Acq: 29 Sep 2020 00:09

Tgt Ion:104 Resp: 392421  
Ion Ratio Lower Upper  
104 100  
78 332.9 33.3 61.9#





#58

Isopropylbenzene

Concen: 78.350 ug/L

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX018637.D

Acq: 29 Sep 2020 00:09

Instrument :

MSVOA\_X

ClientSampled :

BG495

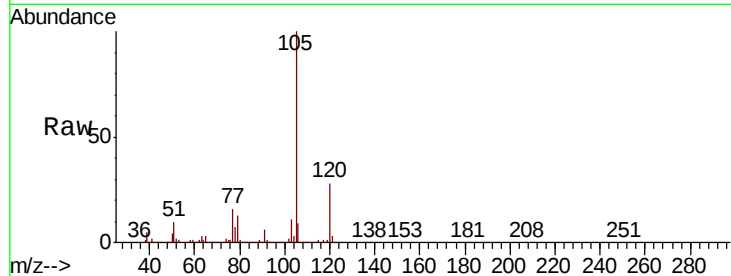
Tot Ion:105 Resp: 5216721

Ion Ratio Lower Upper

105 100

120 27.2 21.2 31.8

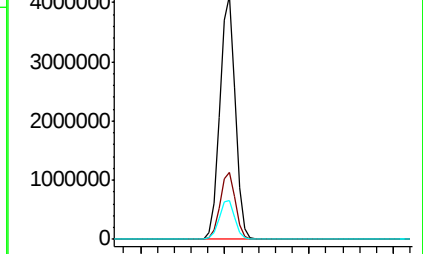
77 16.3 13.3 19.9



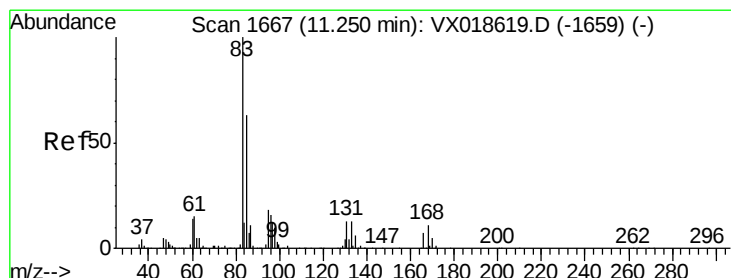
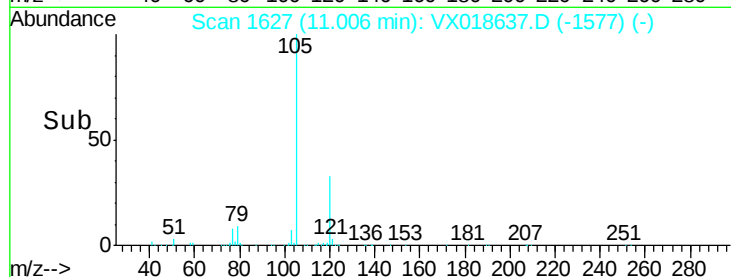
Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



Time-->



#60

1,1,2,2-Tetrachloroethane

Concen: 0.591 ug/L

RT: 11.27 min Scan# 1670

Delta R.T. 0.02 min

Lab File: VX018637.D

Acq: 29 Sep 2020 00:09

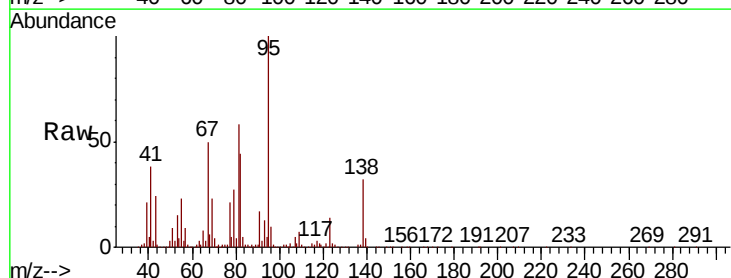
Tgt Ion: 83 Resp: 7463

Ion Ratio Lower Upper

83 100

85 18.3 48.5 90.1#

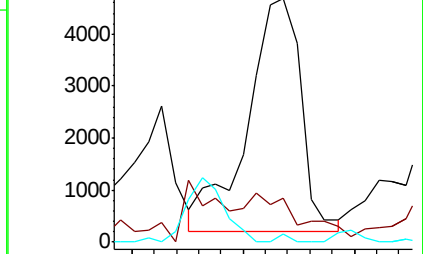
131 3.4 7.8 11.6#



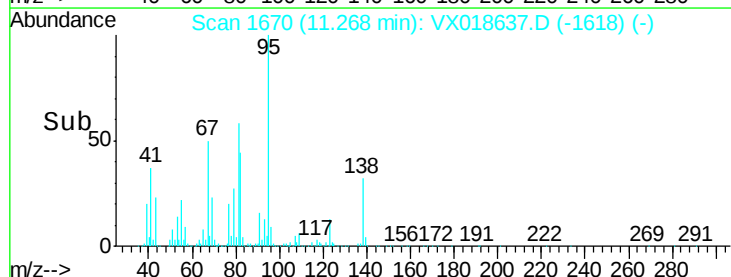
Abundance Ion 82.95 (82.65 to 83.65): VX0

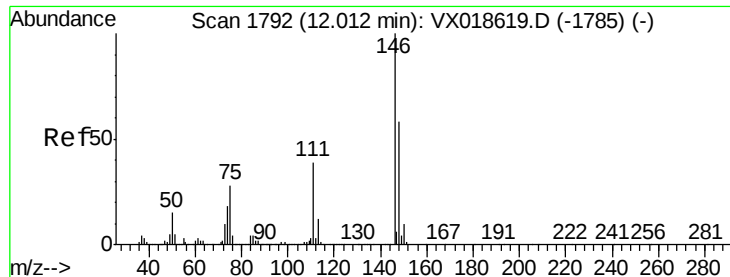
Ion 85.00 (84.70 to 85.70): VX0

Ion 130.95 (130.65 to 131.65): V



Time-->

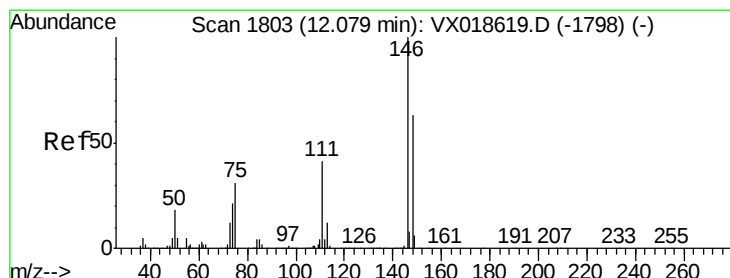
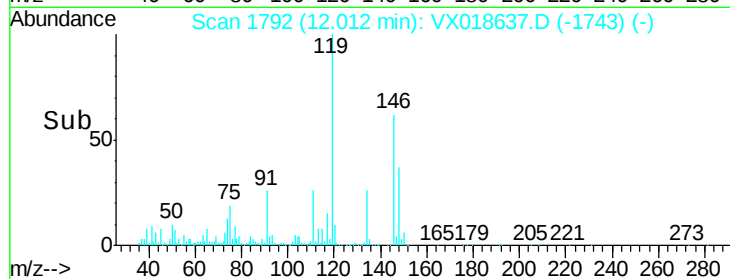
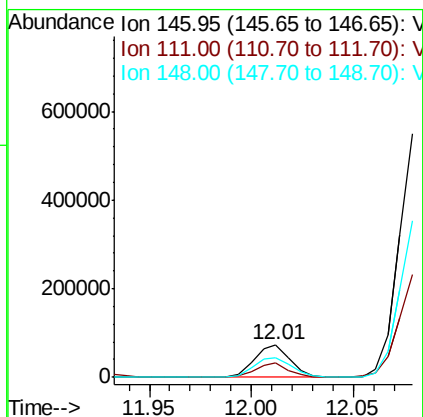
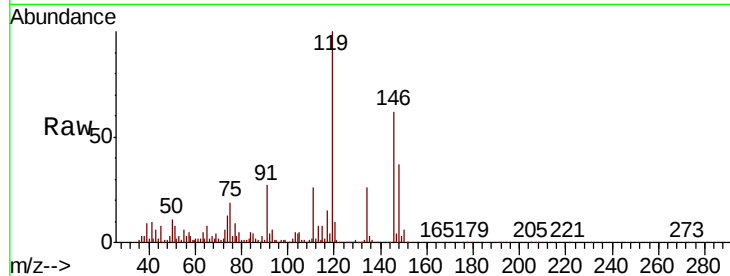




#63  
 1,3-Dichlorobenzene  
 Concen: 2.571 ug/L  
 RT: 12.01 min Scan# 1792  
 Delta R.T. -0.00 min  
 Lab File: VX018637.D  
 Acq: 29 Sep 2020 00:09

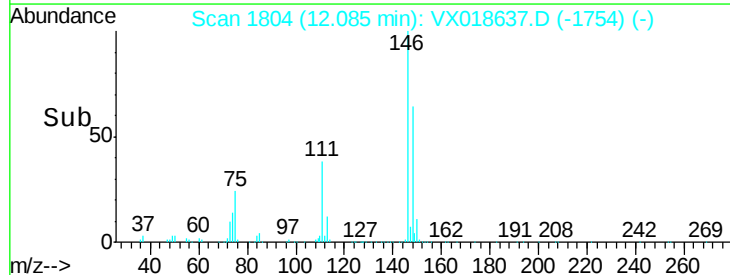
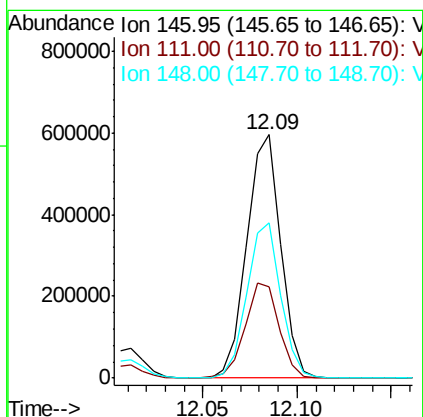
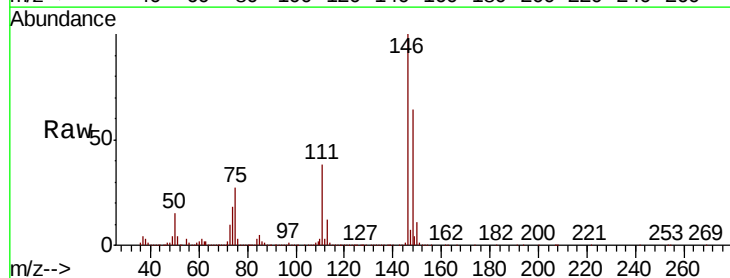
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BG495

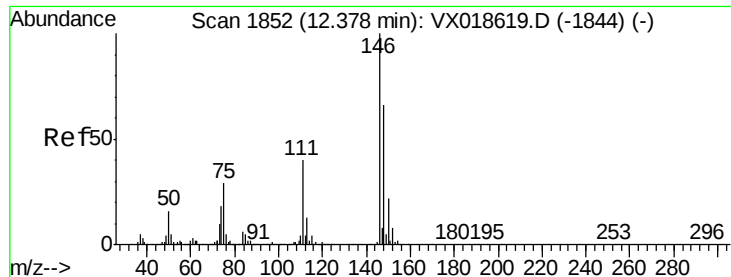
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.8  | 26.7  | 49.7  |
| 148     | 60.5  | 44.4  | 82.5  |



#64  
 1,4-Dichlorobenzene  
 Concen: 20.970 ug/L  
 RT: 12.09 min Scan# 1804  
 Delta R.T. 0.01 min  
 Lab File: VX018637.D  
 Acq: 29 Sep 2020 00:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.7  | 28.8  | 53.4  |
| 148     | 63.6  | 44.9  | 83.3  |

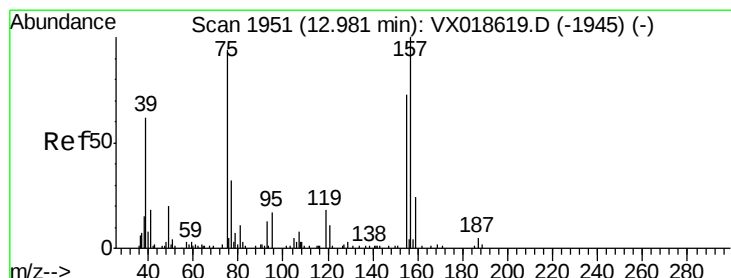
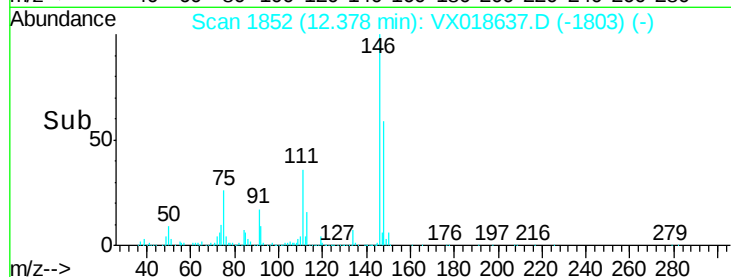
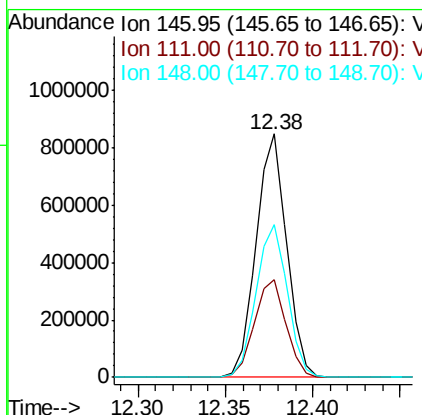
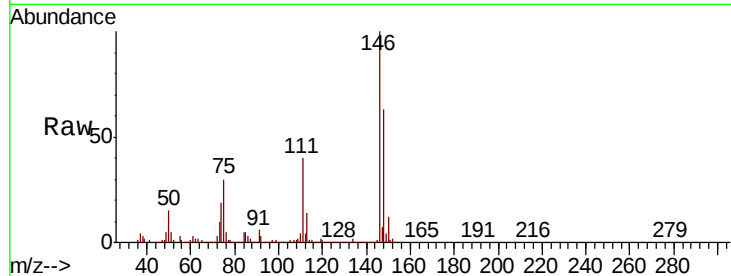




#66  
 1,2-Dichlorobenzene  
 Concen: 31.476 ug/L  
 RT: 12.38 min Scan# 1852  
 Delta R.T. -0.00 min  
 Lab File: VX018637.D  
 Acq: 29 Sep 2020 00:09

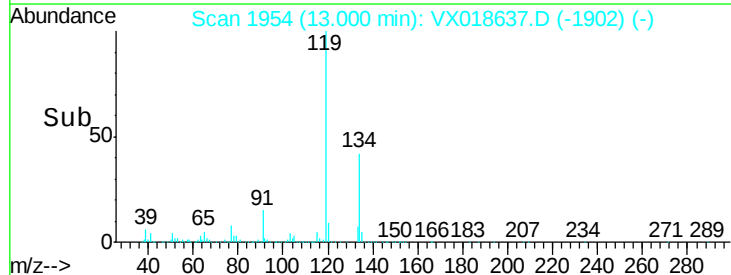
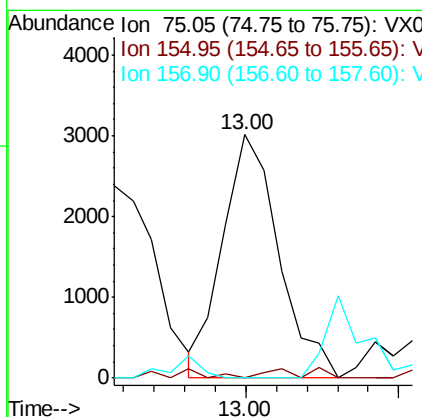
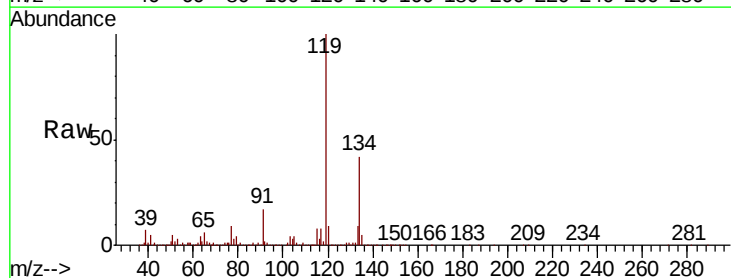
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 BG495

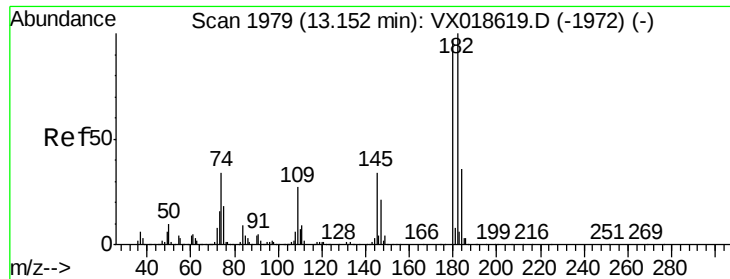
Tot Ion:146 Resp: 1031161  
 Ion Ratio Lower Upper  
 146 100  
 111 40.2 33.6 50.4  
 148 62.6 53.4 80.2



#67  
 1,2-Dibromo-3-chloropropane  
 Concen: 1.379 ug/L  
 RT: 13.00 min Scan# 1954  
 Delta R.T. 0.02 min  
 Lab File: VX018637.D  
 Acq: 29 Sep 2020 00:09

Tgt Ion: 75 Resp: 3840  
 Ion Ratio Lower Upper  
 75 100  
 155 0.0 54.6 81.8#  
 157 0.0 73.5 110.3#

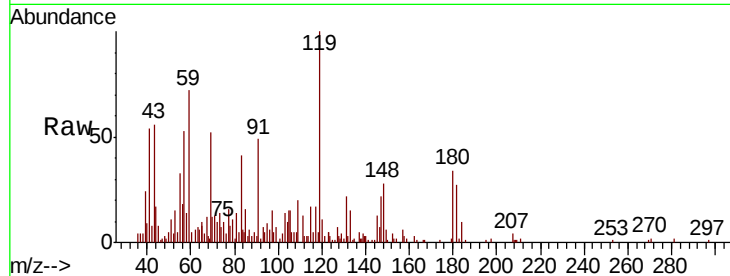




#68  
 1,3,5-Trichlorobenzene  
 Concen: 0.137 ug/L  
 RT: 13.16 min Scan# 1980  
 Delta R.T. 0.01 min  
 Lab File: VX018637.D  
 Acq: 29 Sep 2020 00:09

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 BG495

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 76.9  | 72.4  | 108.6 |
| 184     | 27.8  | 25.3  | 37.9  |
| 145     | 34.2  | 25.6  | 38.4  |



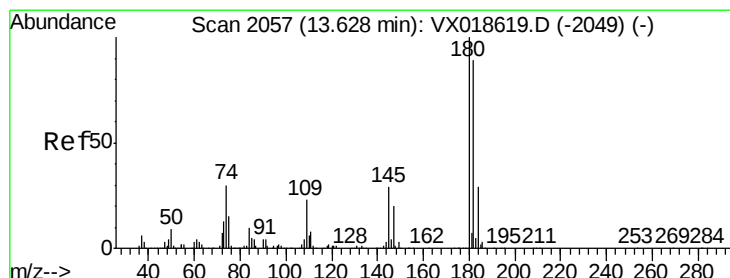
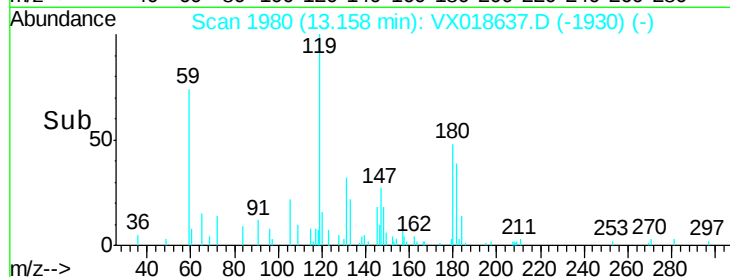
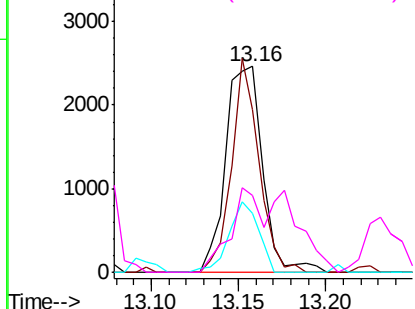
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

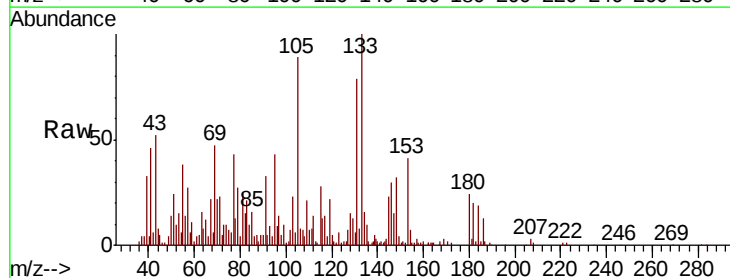
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#69  
 1,2,4-trichlorobenzene  
 Concen: 0.272 ug/L  
 RT: 13.63 min Scan# 2057  
 Delta R.T. -0.00 min  
 Lab File: VX018637.D  
 Acq: 29 Sep 2020 00:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 102.9 | 74.6  | 112.0 |
| 145     | 109.0 | 25.0  | 37.6# |

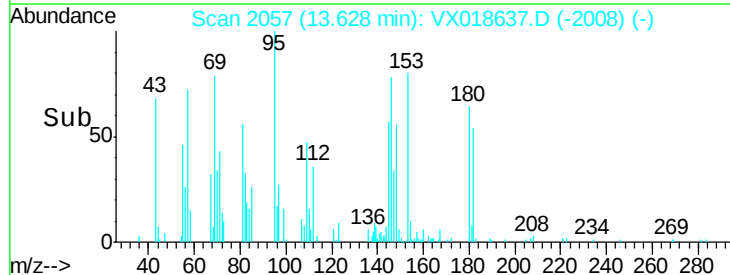
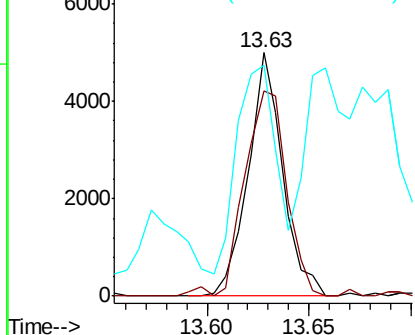


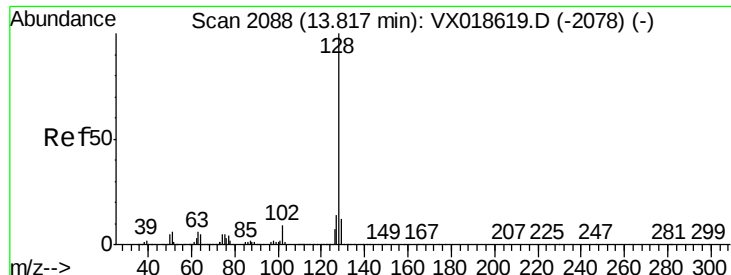
Abundance

Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V





#70

Naphthalene

Concen: 19.352 ug/L

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018637.D

Acq: 29 Sep 2020 00:09

Instrument :

MSVOA\_X

ClientSampleId :

BG495

Tot Ion:128 Resp: 707918

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

127 12.8 10.7 16.1

