

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080320\  
 Data File : VX017743.D  
 Acq On : 03 Aug 2020 14:02  
 Operator : JC/SP  
 Sample : VX0803WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0803WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 8/4/2020 9:51:09 AM

Quant Time: Aug 04 07:04:32 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  | 551871   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.83  | 114  | 800642   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 728141   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 412609   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response   | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|------------|--------|-------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.03  | 65   | 338842     | 47.80  | ug/l  | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery = | 95.60% |       |          |
| 35) Dibromofluoromethane    | 5.46  | 113  | 262055     | 48.94  | ug/l  | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery = | 97.88% |       |          |
| 50) Toluene-d8              | 8.70  | 98   | 925722     | 47.92  | ug/l  | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery = | 95.84% |       |          |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 352707     | 45.62  | ug/l  | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery = | 91.24% |       |          |

| Target Compounds              | R.T. | QIon | Response | Conc   | Units  | Qvalue |
|-------------------------------|------|------|----------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.18 | 85   | 89910    | 16.886 | ug/l   | 93     |
| 3) Chloromethane              | 1.32 | 50   | 104344   | 15.551 | ug/l   | 98     |
| 4) Vinyl Chloride             | 1.40 | 62   | 112067   | 16.137 | ug/l   | 99     |
| 5) Bromomethane               | 1.63 | 94   | 86263    | 21.366 | ug/l   | 96     |
| 6) Chloroethane               | 1.72 | 64   | 69338    | 17.612 | ug/l   | 89     |
| 7) Trichlorofluoromethane     | 1.92 | 101  | 195638   | 17.911 | ug/l   | 99     |
| 8) Diethyl Ether              | 2.17 | 74   | 64786    | 17.406 | ug/l   | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101  | 105247   | 17.558 | ug/l   | 99     |
| 10) Methyl Iodide             | 2.50 | 142  | 118114   | 15.402 | ug/l   | 95     |
| 11) Tert butyl alcohol        | 3.01 | 59   | 126662   | 84.776 | ug/l   | 99     |
| 12) 1,1-Dichloroethene        | 2.36 | 96   | 97376    | 17.083 | ug/l   | 98     |
| 13) Acrolein                  | 2.27 | 56   | 60817    | 56.579 | ug/l   | 97     |
| 14) Allyl chloride            | 2.71 | 41   | 185971   | 17.867 | ug/l   | 96     |
| 15) Acrylonitrile             | 3.11 | 53   | 284414   | 88.135 | ug/l   | 99     |
| 16) Acetone                   | 2.42 | 43   | 260997   | 83.649 | ug/l   | 97     |
| 17) Carbon Disulfide          | 2.56 | 76   | 266161   | 15.362 | ug/l   | 100    |
| 18) Methyl Acetate            | 2.75 | 43   | 140562   | 19.128 | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 3.17 | 73   | 350010   | 17.740 | ug/l   | 99     |
| 20) Methylene Chloride        | 2.84 | 84   | 112291   | 18.295 | ug/l   | 97     |
| 21) trans-1,2-Dichloroethene  | 3.14 | 96   | 106965   | 17.516 | ug/l   | 98     |
| 22) Diisopropyl ether         | 3.82 | 45   | 355197   | 18.664 | ug/l # | 92     |
| 23) Vinyl Acetate             | 3.78 | 43   | 1531249  | 90.238 | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 3.67 | 63   | 205744   | 18.767 | ug/l   | 99     |
| 25) 2-Butanone                | 4.64 | 43   | 385301   | 86.927 | ug/l   | 96     |
| 26) 2,2-Dichloropropane       | 4.56 | 77   | 190346   | 19.396 | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 4.56 | 96   | 118195   | 17.820 | ug/l   | 99     |
| 28) Bromochloromethane        | 4.98 | 49   | 86388    | 17.389 | ug/l   | 100    |
| 29) Tetrahydrofuran           | 5.09 | 42   | 229508   | 83.592 | ug/l   | 99     |
| 30) Chloroform                | 5.18 | 83   | 206495   | 18.434 | ug/l   | 97     |
| 31) Cyclohexane               | 5.55 | 56   | 146245   | 16.728 | ug/l   | 97     |
| 32) 1,1,1-Trichloroethane     | 5.46 | 97   | 194465   | 18.410 | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 5.76 | 75   | 137038   | 17.846 | ug/l   | 98     |
| 37) Ethyl Acetate             | 4.79 | 43   | 147134   | 17.512 | ug/l   | 97     |
| 38) Carbon Tetrachloride      | 5.76 | 117  | 175316   | 18.801 | ug/l   | 96     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080320\  
 Data File : VX017743.D  
 Acq On : 03 Aug 2020 14:02  
 Operator : JC/SP  
 Sample : VX0803WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VX0803WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 8/4/2020 9:51:09 AM

Quant Time: Aug 04 07:04:32 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          | 7.45  | 83   | 154784   | 17.267  | ug/l  | 96       |
| 40) Benzene                    | 6.11  | 78   | 421281   | 19.136  | ug/l  | 96       |
| 41) Methacrylonitrile          | 5.00  | 41   | 81778    | 16.981  | ug/l  | 97       |
| 42) 1,2-Dichloroethane         | 6.16  | 62   | 175219   | 19.455  | ug/l  | 100      |
| 43) Isopropyl Acetate          | 6.41  | 43   | 259853   | 18.745  | ug/l  | 99       |
| 44) Trichloroethene            | 7.19  | 130  | 125619   | 19.525  | ug/l  | 96       |
| 45) 1,2-Dichloropropane        | 7.49  | 63   | 101879   | 16.694  | ug/l  | 100      |
| 46) Dibromomethane             | 7.63  | 93   | 77125    | 17.882  | ug/l  | 99       |
| 47) Bromodichloromethane       | 7.87  | 83   | 166771   | 19.217  | ug/l  | 97       |
| 48) Methyl methacrylate        | 7.74  | 41   | 123255   | 17.937  | ug/l  | 96       |
| 49) 1,4-Dioxane                | 7.71  | 88   | 46622    | 353.883 | ug/l  | 99       |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 729736   | 88.225  | ug/l  | 99       |
| 52) Toluene                    | 8.76  | 92   | 255653   | 18.108  | ug/l  | 98       |
| 53) t-1,3-Dichloropropene      | 9.02  | 75   | 176467   | 18.165  | ug/l  | 94       |
| 54) cis-1,3-Dichloropropene    | 8.42  | 75   | 177245   | 17.887  | ug/l  | 99       |
| 55) 1,1,2-Trichloroethane      | 9.20  | 97   | 104576   | 17.781  | ug/l  | 98       |
| 56) Ethyl methacrylate         | 9.16  | 69   | 157656   | 17.792  | ug/l  | 99       |
| 57) 1,3-Dichloropropane        | 9.35  | 76   | 174386   | 18.007  | ug/l  | 97       |
| 58) 2-Chloroethyl Vinyl ether  | 8.29  | 63   | 398927   | 85.454  | ug/l  | 99       |
| 59) 2-Hexanone                 | 9.47  | 43   | 561231   | 90.124  | ug/l  | 100      |
| 60) Dibromochloromethane       | 9.56  | 129  | 133994   | 17.925  | ug/l  | 98       |
| 61) 1,2-Dibromoethane          | 9.65  | 107  | 116477   | 18.601  | ug/l  | 97       |
| 64) Tetrachloroethene          | 9.32  | 164  | 130197   | 19.922  | ug/l  | 96       |
| 65) Chlorobenzene              | 10.12 | 112  | 303217   | 19.239  | ug/l  | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.20 | 131  | 119249   | 18.747  | ug/l  | 99       |
| 67) Ethyl Benzene              | 10.23 | 91   | 486605   | 18.496  | ug/l  | 99       |
| 68) m/p-Xylenes                | 10.34 | 106  | 365738   | 35.885  | ug/l  | 94       |
| 69) o-Xylene                   | 10.68 | 106  | 174241   | 17.775  | ug/l  | 99       |
| 70) Styrene                    | 10.70 | 104  | 303785   | 18.215  | ug/l  | 100      |
| 71) Bromoform                  | 10.84 | 173  | 102571   | 18.612  | ug/l  | 95       |
| 73) Isopropylbenzene           | 11.00 | 105  | 492294   | 17.392  | ug/l  | 99       |
| 74) N-amyl acetate             | 10.88 | 43   | 202753   | 16.122  | ug/l  | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.25 | 83   | 165786   | 18.764  | ug/l  | 99       |
| 76) 1,2,3-Trichloropropane     | 11.28 | 75   | 165424m  | 19.490  | ug/l  |          |
| 77) Bromobenzene               | 11.24 | 156  | 149745   | 18.897  | ug/l  | 98       |
| 78) n-propylbenzene            | 11.34 | 91   | 615302   | 19.274  | ug/l  | 99       |
| 79) 2-Chlorotoluene            | 11.40 | 91   | 369716   | 18.695  | ug/l  | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.49 | 105  | 458387   | 18.967  | ug/l  | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.06 | 75   | 56621    | 16.810  | ug/l  | 93       |
| 82) 4-Chlorotoluene            | 11.49 | 91   | 436453   | 18.710  | ug/l  | 99       |
| 83) tert-Butylbenzene          | 11.76 | 119  | 425064   | 18.381  | ug/l  | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 460092   | 19.140  | ug/l  | 98       |
| 85) sec-Butylbenzene           | 11.93 | 105  | 495693   | 18.401  | ug/l  | 99       |
| 86) p-Isopropyltoluene         | 12.05 | 119  | 463659   | 18.074  | ug/l  | 99       |
| 87) 1,3-Dichlorobenzene        | 12.01 | 146  | 249346   | 18.324  | ug/l  | 99       |
| 88) 1,4-Dichlorobenzene        | 12.08 | 146  | 247832   | 17.583  | ug/l  | 98       |
| 89) n-Butylbenzene             | 12.37 | 91   | 403003   | 17.630  | ug/l  | 98       |
| 90) Hexachloroethane           | 12.58 | 117  | 84567    | 16.720  | ug/l  | 100      |
| 91) 1,2-Dichlorobenzene        | 12.38 | 146  | 237352   | 17.747  | ug/l  | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75   | 36419    | 16.401  | ug/l  | 96       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080320\  
Data File : VX017743.D  
Acq On : 03 Aug 2020 14:02  
Operator : JC/SP  
Sample : VX0803WBS01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0803WBS01

Manual Integrations  
APPROVED

MMDadoda  
8/4/2020 9:51:09 AM

Quant Time: Aug 04 07:04:32 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  | 157981   | 17.308 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.77 | 225  | 73531    | 17.500 | ug/l  | 99       |
| 95) Naphthalene            | 13.82 | 128  | 498296   | 18.287 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.00 | 180  | 153256   | 17.005 | ug/l  | 100      |

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

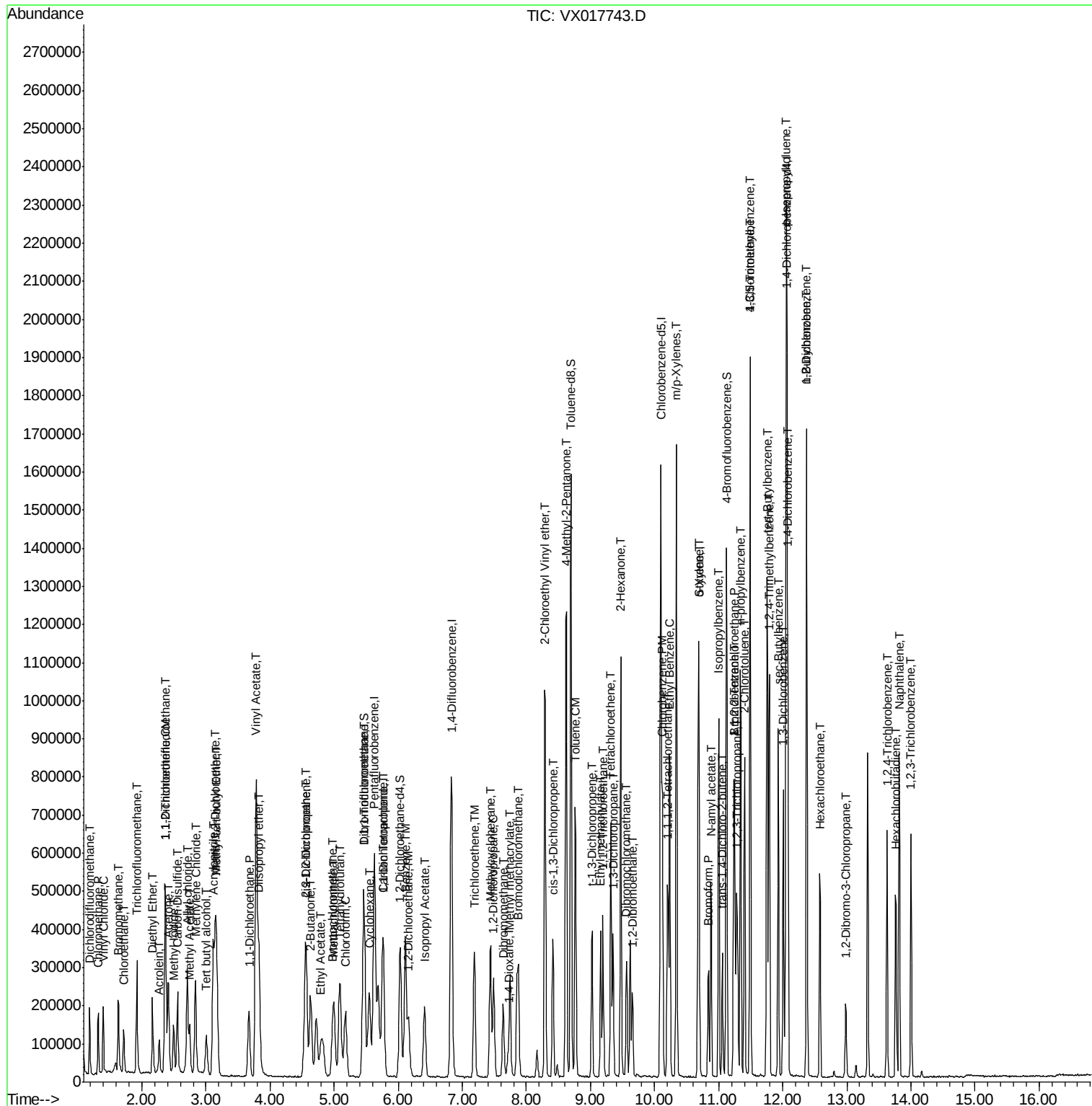
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Data File : VX017743.D  
Acq On : 03 Aug 2020 14:02  
Operator : JC/SP  
Sample : VX0803WBS01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 4 Sample Multiplier: 1

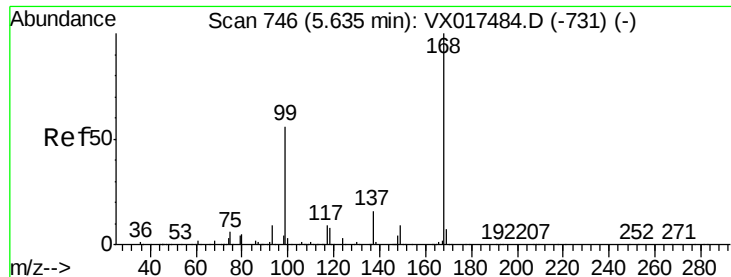
Instrument :  
MSVOA\_X  
ClientSampled :  
VX0803WBS01

Manual Integrations  
APPROVED

MMDadoda  
8/4/2020 9:51:09 AM

Quant Time: Aug 04 07:04:32 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X072320W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jul 24 05:48:09 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

Instrument :

MSVOA\_X

ClientSampleId :

VX0803WBS01

Tot Ion:168 Resp: 551871

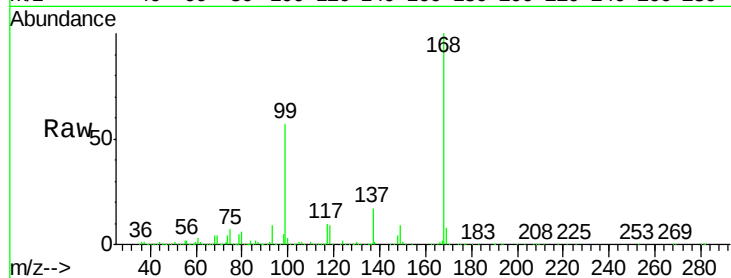
Ion Ratio Lower Upper

168 100

99 57.3 43.4 65.2

Manual Integrations  
APPROVED

MMDadoda  
8/4/2020 9:51:09 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

200000

150000

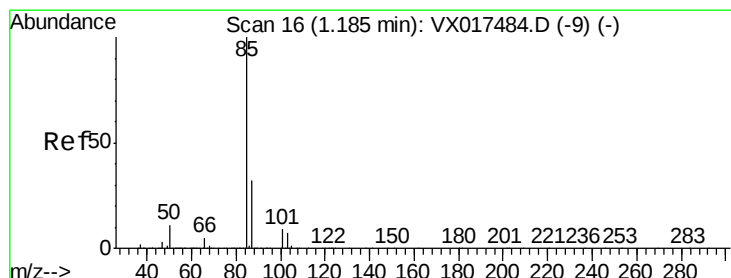
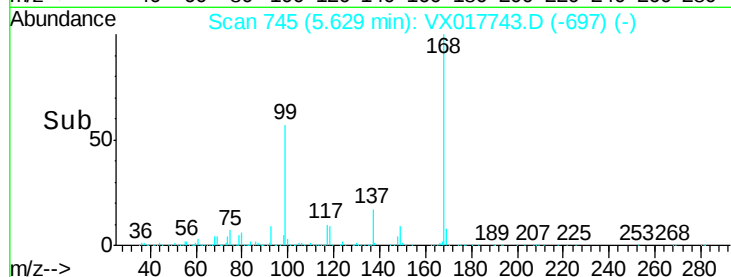
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 16.886 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017743.D

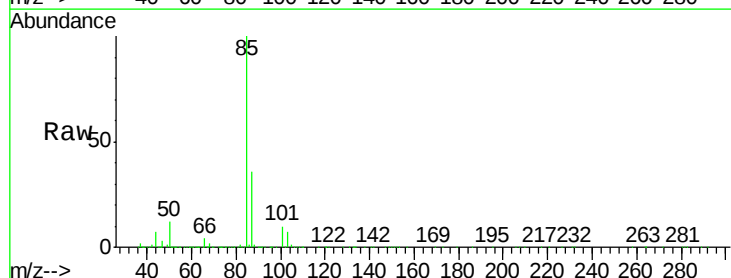
Acq: 03 Aug 2020 14:02

Tgt Ion: 85 Resp: 89910

Ion Ratio Lower Upper

85 100

87 36.2 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

100000

80000

60000

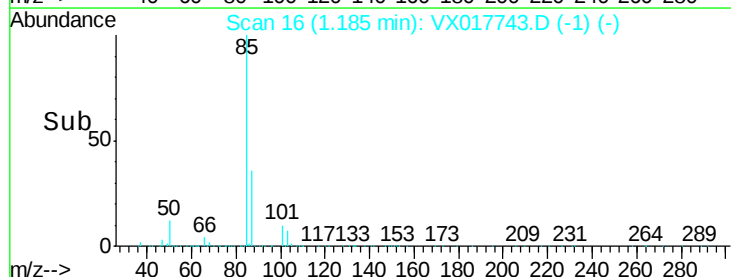
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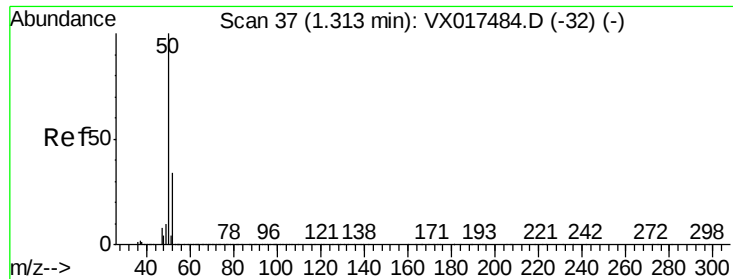
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0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 15.551 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

Instrument :

MSVOA\_X

ClientSampleId :

VX0803WBS01

Tot Ion: 50 Resp: 104344

Ion Ratio Lower Upper

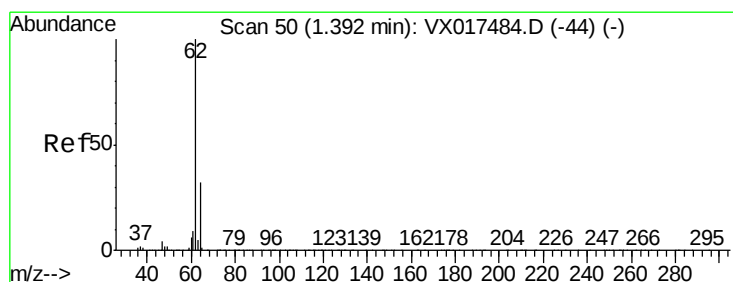
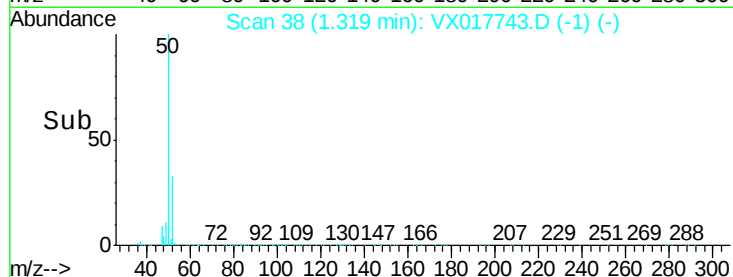
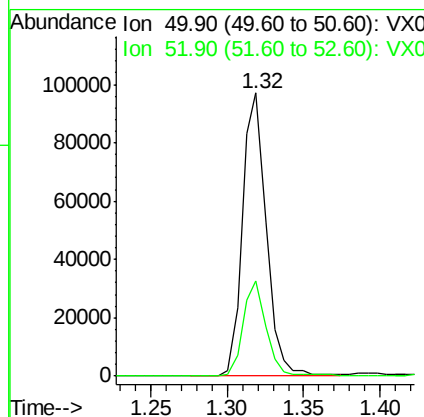
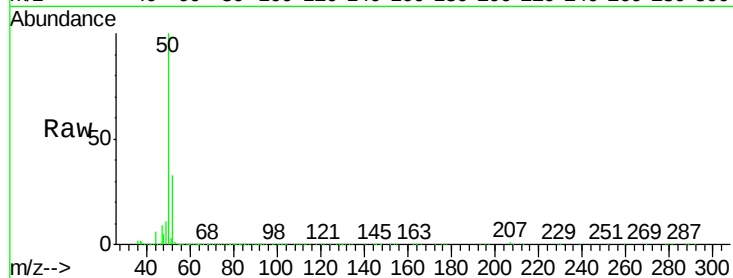
50 100

52 33.5 25.9 38.9

Manual Integrations  
APPROVED

MMDadoda

8/4/2020 9:51:09 AM



#4

Vinyl Chloride

Concen: 16.137 ug/l

RT: 1.40 min Scan# 51

Delta R.T. 0.01 min

Lab File: VX017743.D

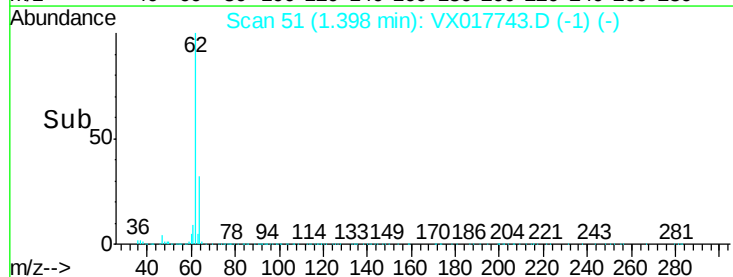
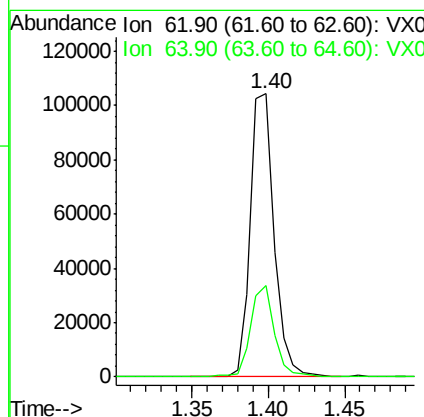
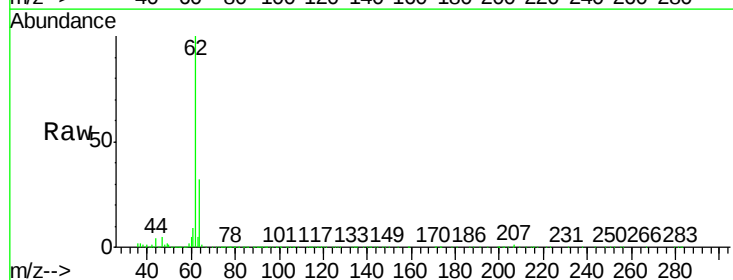
Acq: 03 Aug 2020 14:02

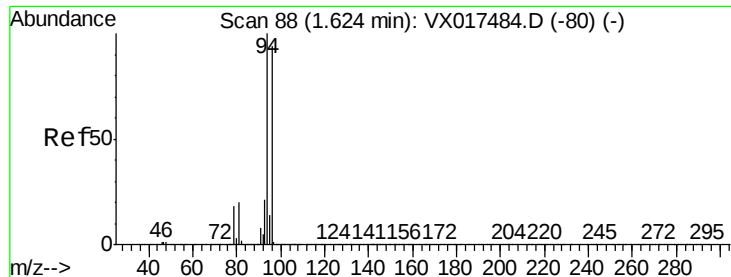
Tgt Ion: 62 Resp: 112067

Ion Ratio Lower Upper

62 100

64 32.2 25.2 37.8





#5

Bromomethane

Concen: 21.366 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

Instrument :

MSVOA\_X

ClientSampleId :

VX0803WBS01

Tot Ion: 94 Resp: 86263

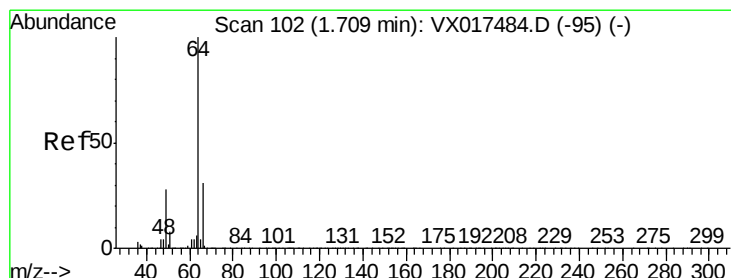
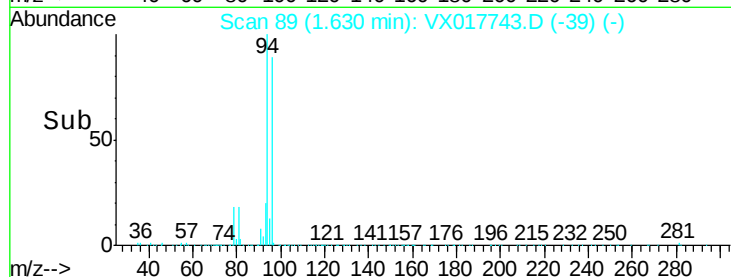
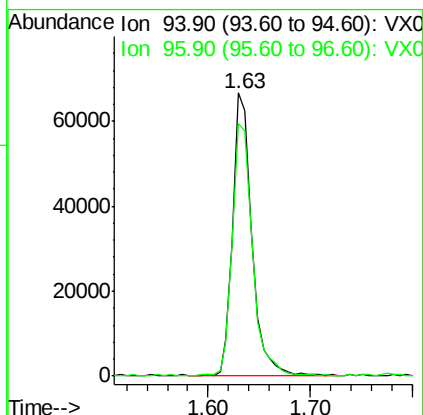
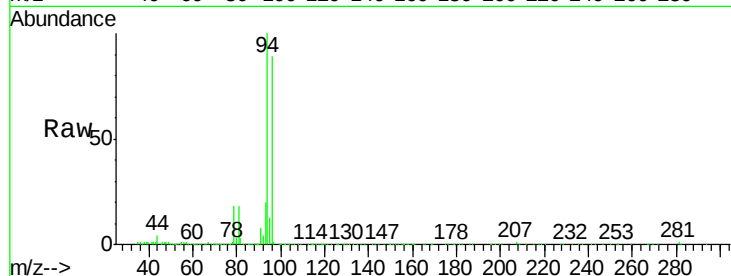
Ion Ratio Lower Upper

94 100

96 89.0 74.1 111.1

Manual Integrations  
APPROVED

MMDadoda  
8/4/2020 9:51:09 AM



#6

Chloroethane

Concen: 17.612 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017743.D

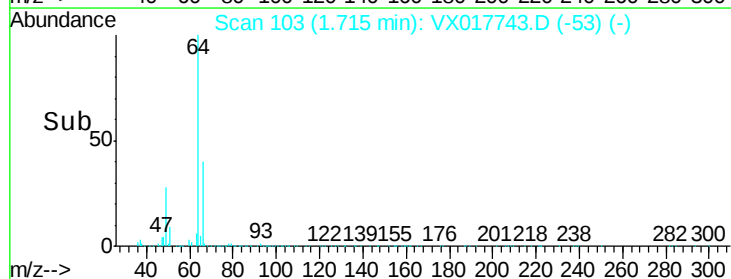
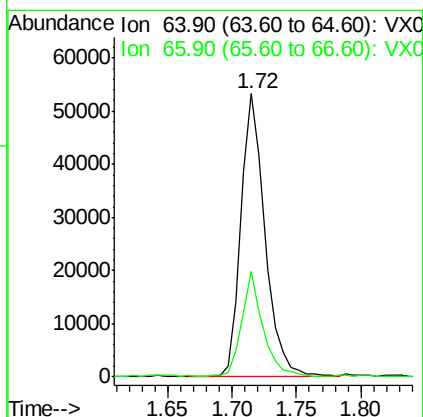
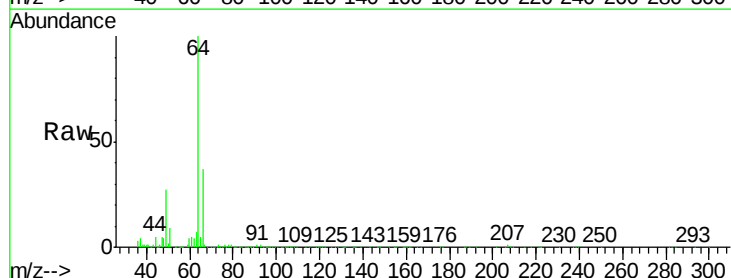
Acq: 03 Aug 2020 14:02

Tgt Ion: 64 Resp: 69338

Ion Ratio Lower Upper

64 100

66 37.0 24.9 37.3





#7

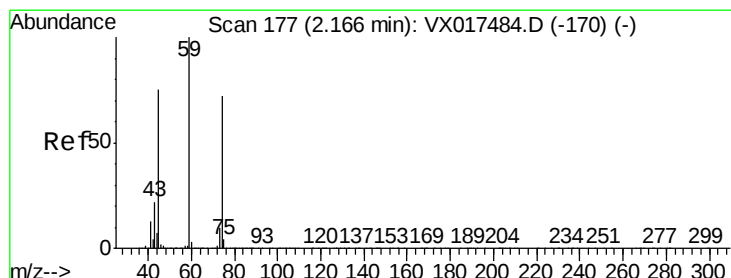
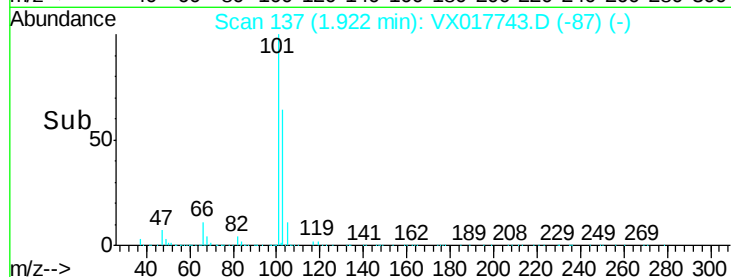
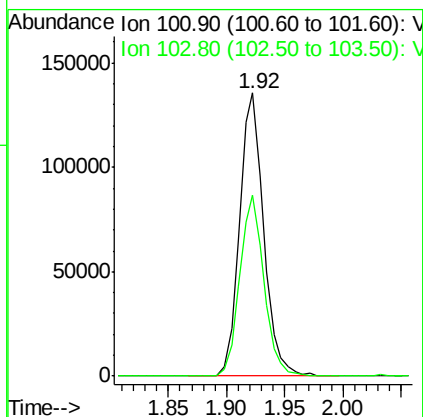
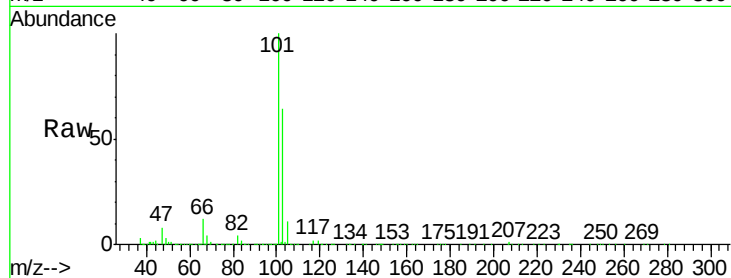
Trichlorofluoromethane  
Concen: 17.911 ug/l  
RT: 1.92 min Scan# 137  
Delta R.T. 0.01 min  
Lab File: VX017743.D  
Acq: 03 Aug 2020 14:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0803WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 101     | 100   | 195638 |       |       |
| 103     | 63.6  | 51.8   | 77.8  |       |

Manual Integrations  
APPROVED

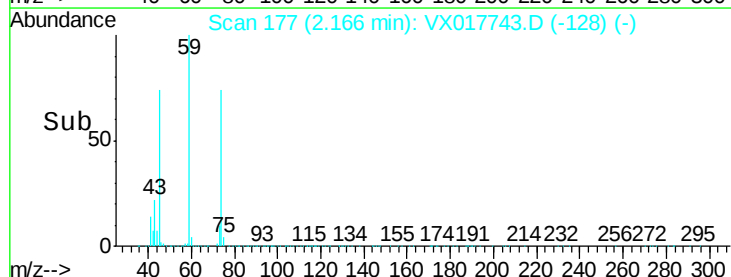
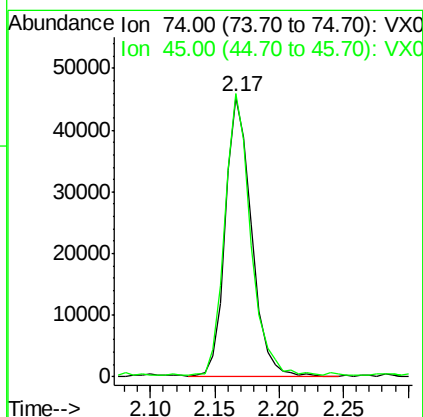
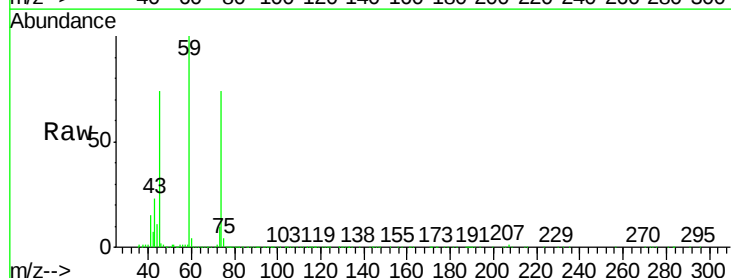
MMDadoda  
8/4/2020 9:51:09 AM

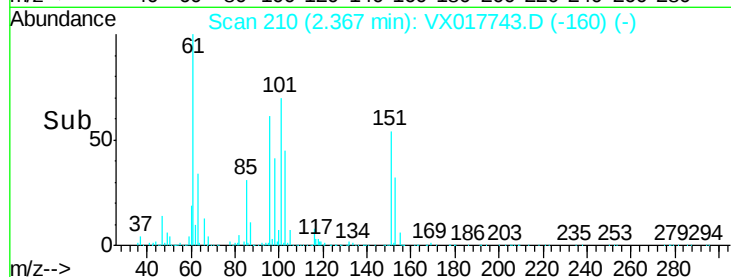
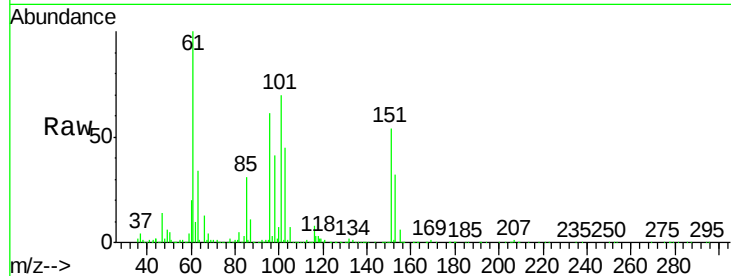
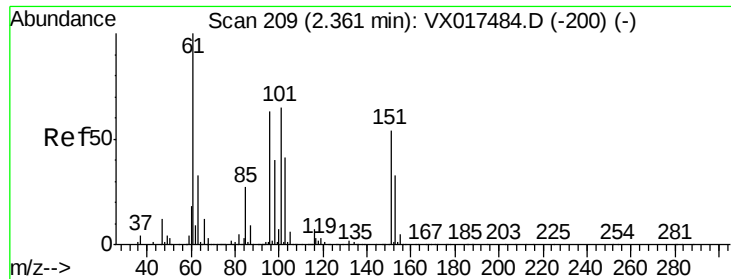


#8

Diethyl Ether  
Concen: 17.406 ug/l  
RT: 2.17 min Scan# 177  
Delta R.T. 0.00 min  
Lab File: VX017743.D  
Acq: 03 Aug 2020 14:02

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 74      | 100   | 64786 |       |       |
| 45      | 99.7  | 50.8  | 152.5 |       |





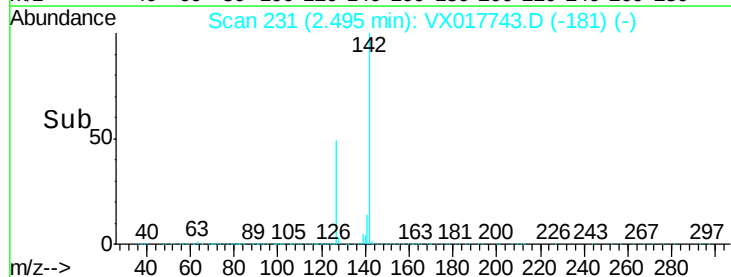
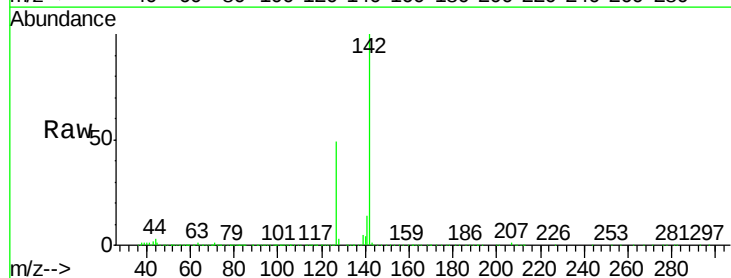
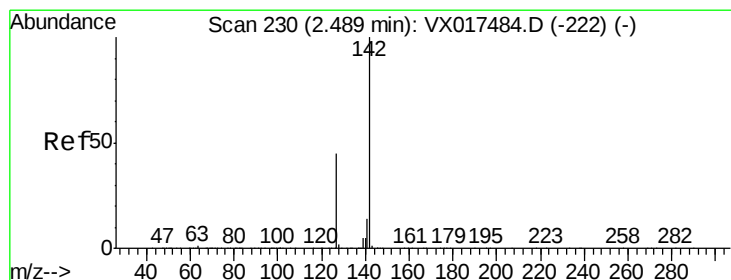
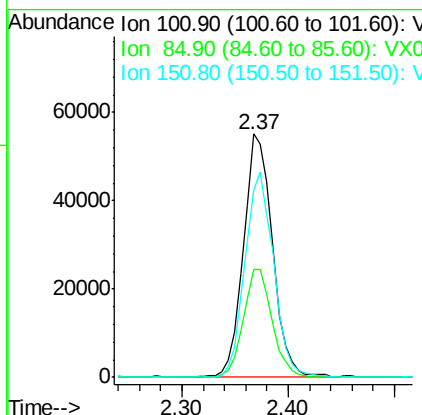
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 17.558 ug/l  
RT: 2.37 min Scan# 210  
Delta R.T. 0.01 min  
Lab File: VX017743.D  
Acq: 03 Aug 2020 14:02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 101     | 100   | 105247 |       |       |
| 85      | 44.7  | 34.8   | 52.2  |       |
| 151     | 84.2  | 68.0   | 102.0 |       |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0803WBS01

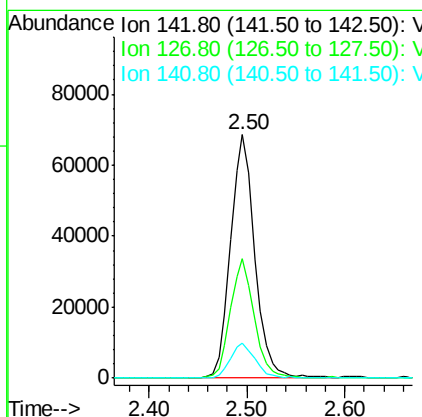
Manual Integrations  
APPROVED

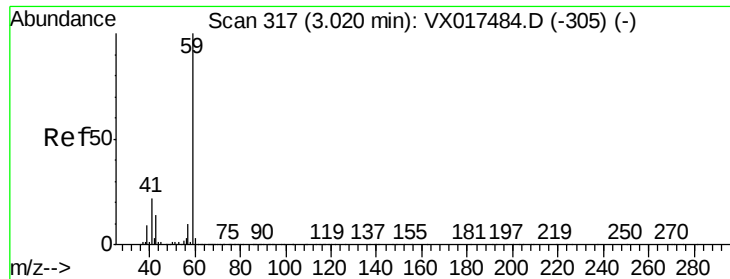
MMDadoda  
8/4/2020 9:51:09 AM



#10  
Methyl Iodide  
Concen: 15.402 ug/l  
RT: 2.50 min Scan# 231  
Delta R.T. 0.01 min  
Lab File: VX017743.D  
Acq: 03 Aug 2020 14:02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 118114 |       |       |
| 127     | 48.2  | 35.9   | 53.9  |       |
| 141     | 15.3  | 11.4   | 17.0  |       |





#11

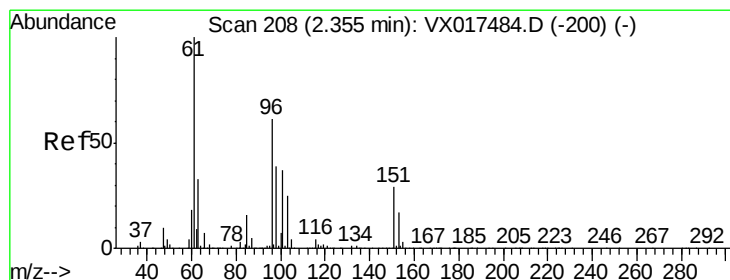
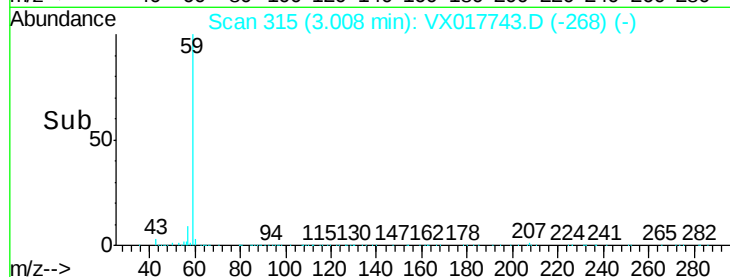
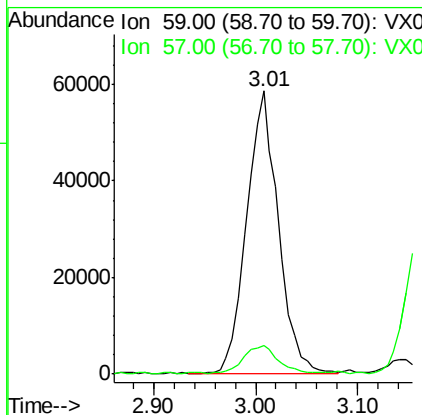
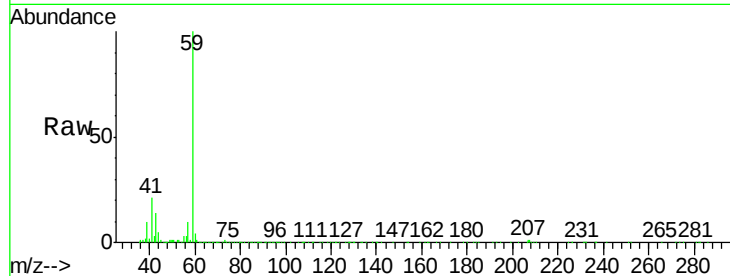
Tert butyl alcohol  
Concen: 84.776 ug/l  
RT: 3.01 min Scan# 315  
Delta R.T. -0.01 min  
Lab File: VX017743.D  
Acq: 03 Aug 2020 14:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0803WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.3  | 8.6   | 12.8  |

Manual Integrations  
APPROVED

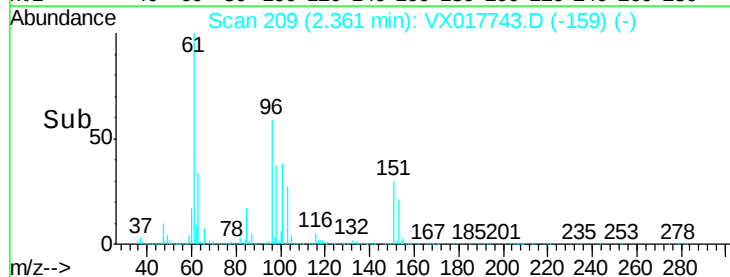
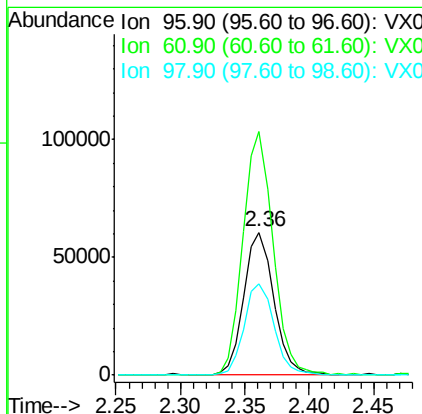
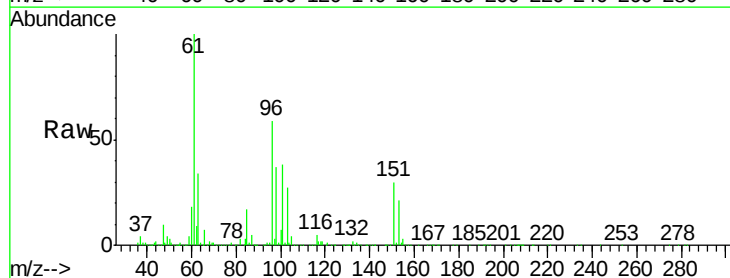
MMDadoda  
8/4/2020 9:51:09 AM

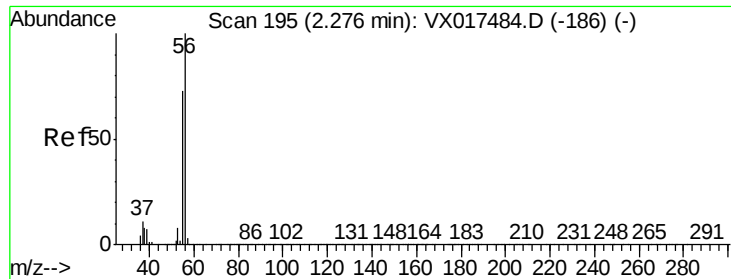


#12

1,1-Dichloroethene  
Concen: 17.083 ug/l  
RT: 2.36 min Scan# 209  
Delta R.T. 0.01 min  
Lab File: VX017743.D  
Acq: 03 Aug 2020 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 170.7 | 134.0 | 201.0 |
| 98      | 63.7  | 51.0  | 76.4  |





#13

Acrolein

Concen: 56.579 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

Instrument :

MSVOA\_X

ClientSampleId :

VX0803WBS01

Tot Ion: 56 Resp: 60817

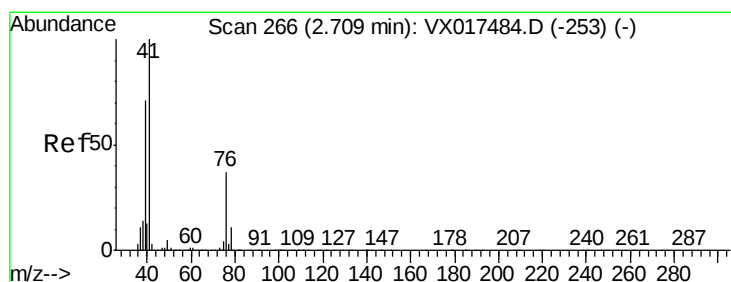
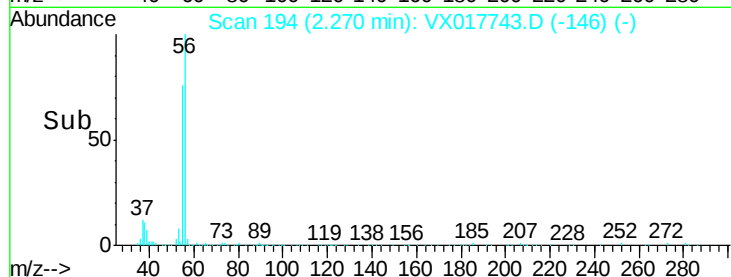
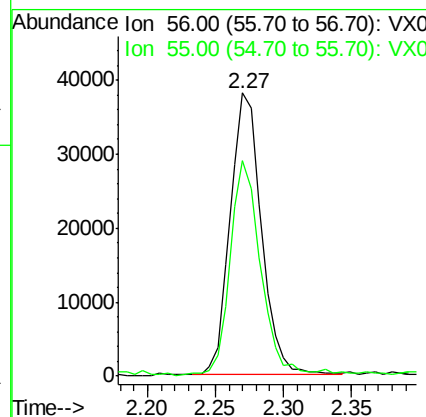
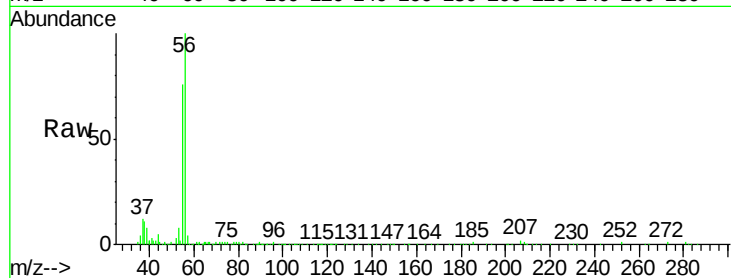
Ion Ratio Lower Upper

56 100

55 73.9 57.4 86.2

Manual Integrations  
APPROVED

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8/4/2020 9:51:09 AM



#14

Allyl chloride

Concen: 17.867 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

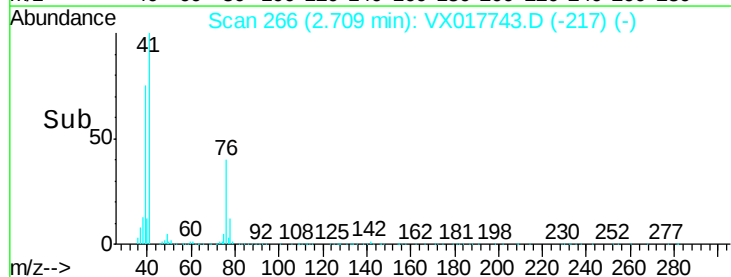
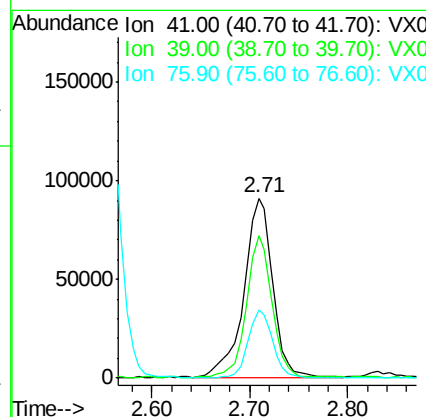
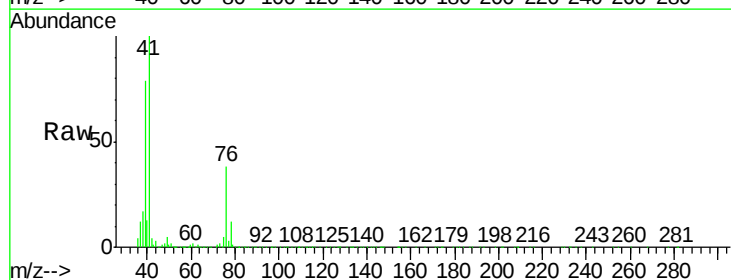
Tgt Ion: 41 Resp: 185971

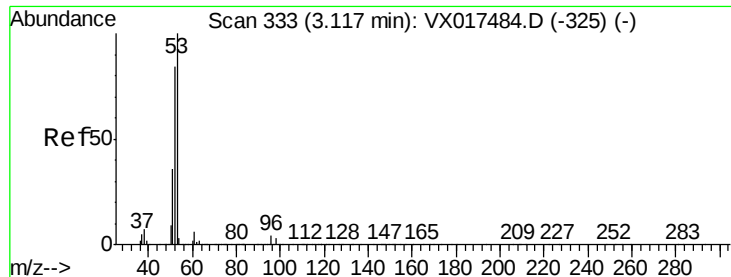
Ion Ratio Lower Upper

41 100

39 69.6 51.9 77.9

76 32.6 25.5 38.3





#15

Acrylonitrile

Concen: 88.135 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

Instrument :

MSVOA\_X

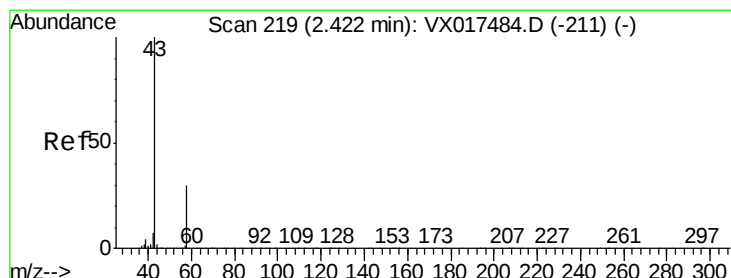
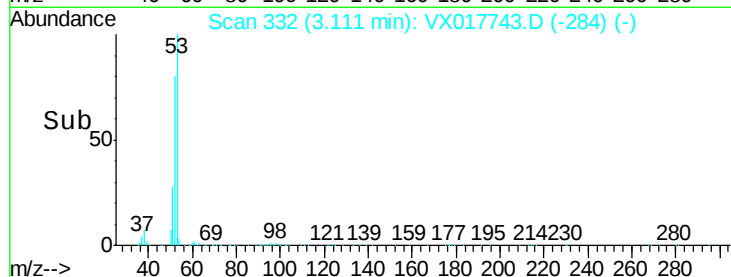
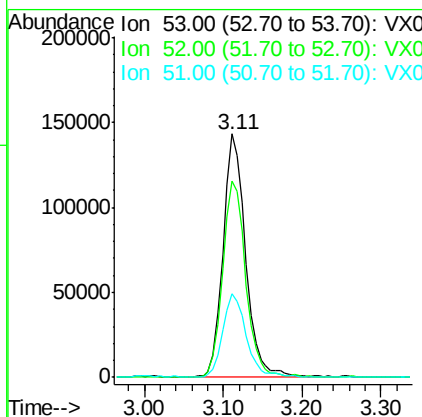
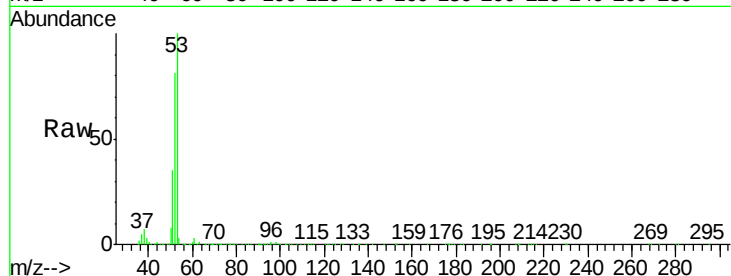
ClientSampleId :

VX0803WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 284414 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 82.3  | 66.6  | 99.8   |
| 51        | 35.7  | 29.4  | 44.2   |

Manual Integrations  
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8/4/2020 9:51:09 AM



#16

Acetone

Concen: 83.649 ug/l

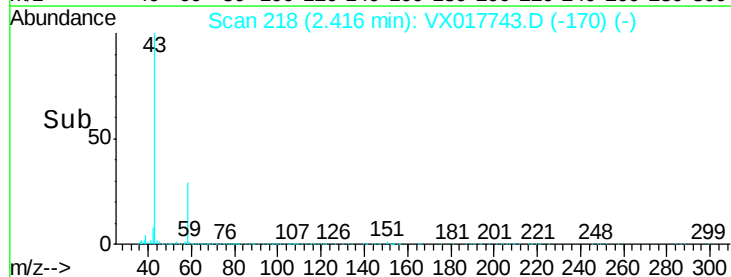
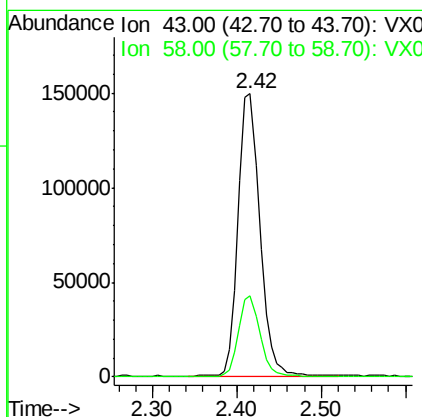
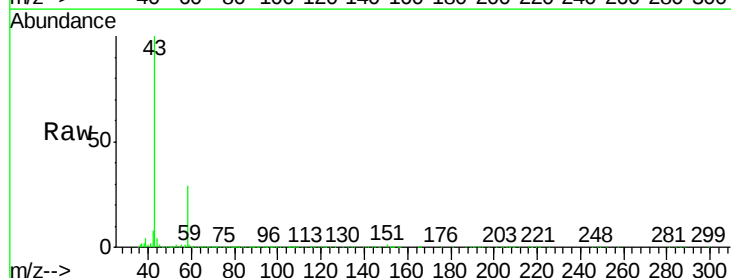
RT: 2.42 min Scan# 218

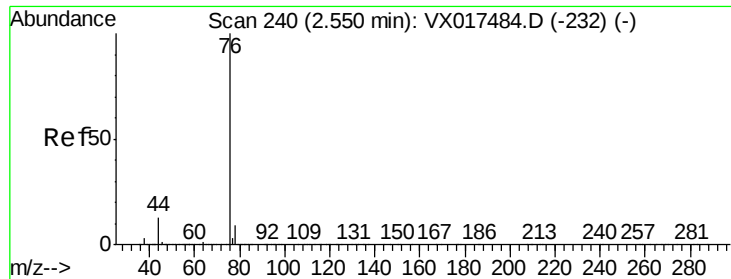
Delta R.T. -0.01 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 260997 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 28.7  | 24.2  | 36.4   |





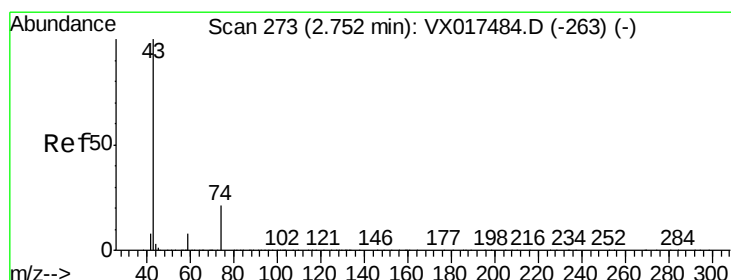
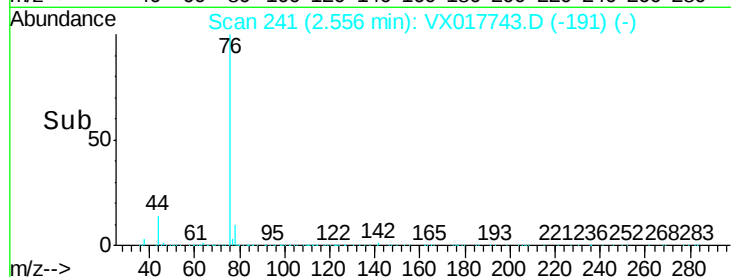
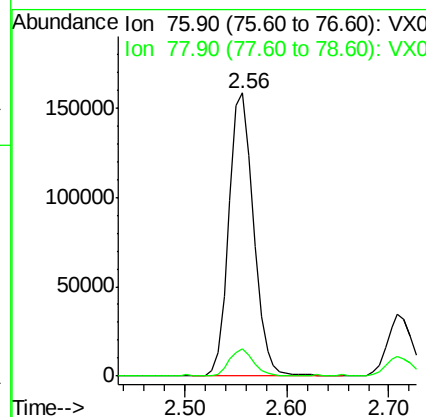
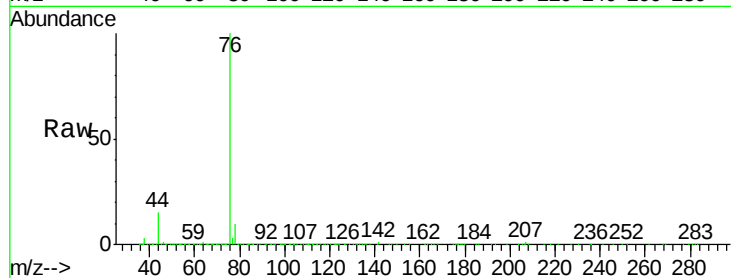
#17  
Carbon Disulfide  
Concen: 15.362 ug/l  
RT: 2.56 min Scan# 241  
Delta R.T. 0.01 min  
Lab File: VX017743.D  
Acq: 03 Aug 2020 14:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0803WBS01

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 76      | 100   |            |       |
| 78      | 9.4   | 7.5        | 11.3  |

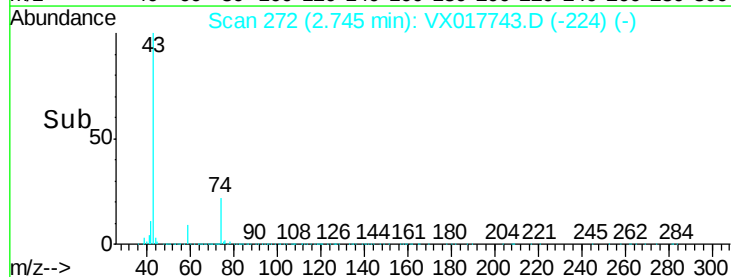
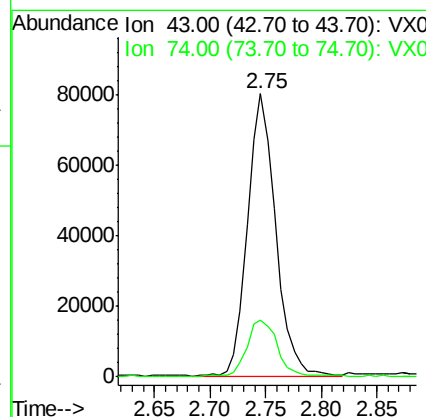
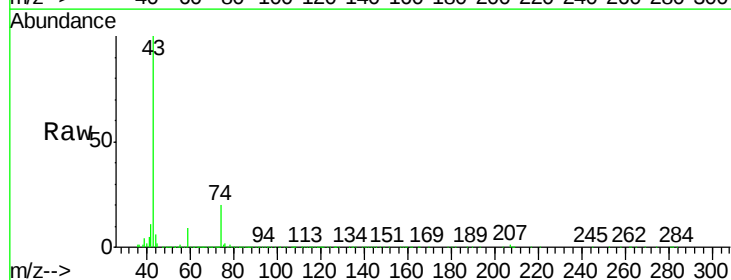
Manual Integrations  
APPROVED

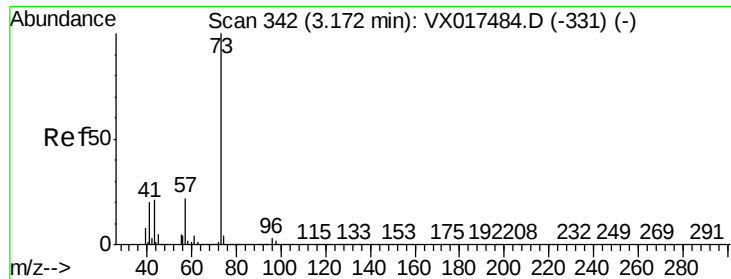
MMDadoda  
8/4/2020 9:51:09 AM



#18  
Methyl Acetate  
Concen: 19.128 ug/l  
RT: 2.75 min Scan# 272  
Delta R.T. -0.01 min  
Lab File: VX017743.D  
Acq: 03 Aug 2020 14:02

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 43      | 100   |            |       |
| 74      | 22.5  | 17.5       | 26.3  |





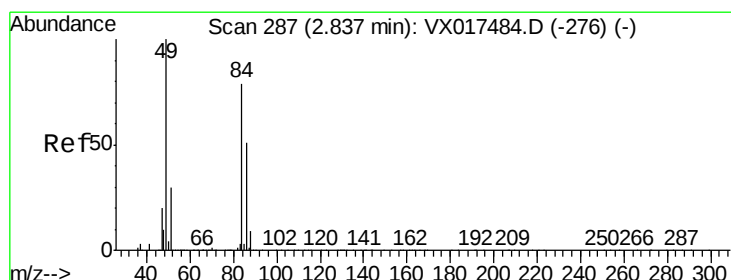
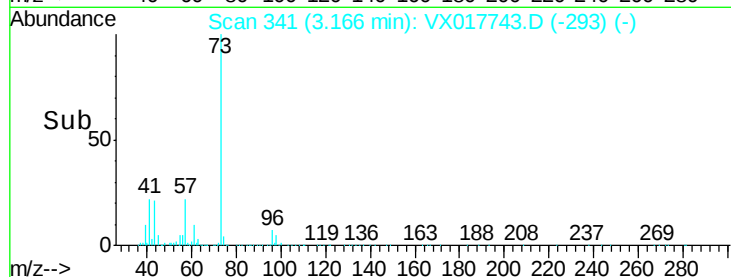
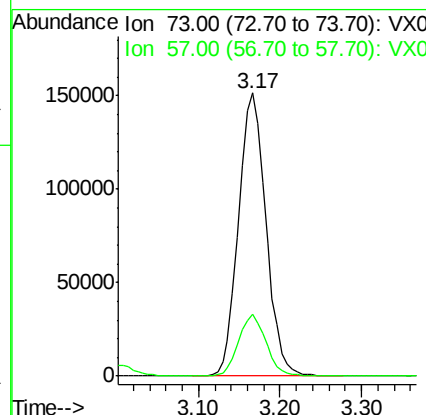
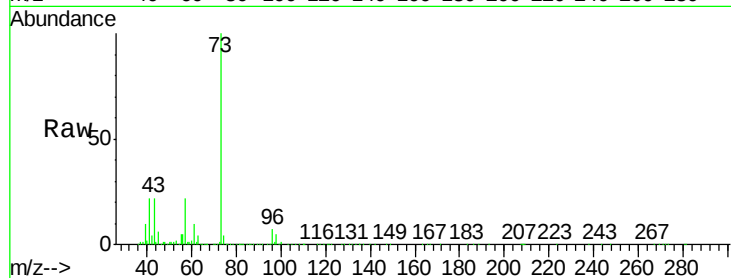
#19  
Methvl tert-butvl Ether  
Concen: 17.740 ug/l  
RT: 3.17 min Scan# 341  
Delta R.T. -0.01 min  
Lab File: VX017743.D  
Acq: 03 Aug 2020 14:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0803WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 21.7  | 17.0  | 25.4  |

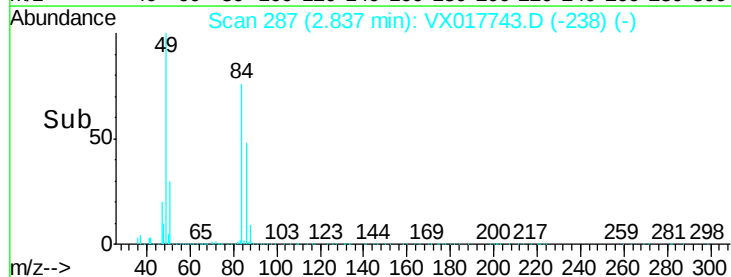
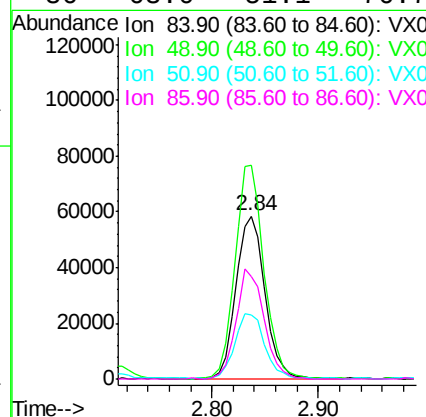
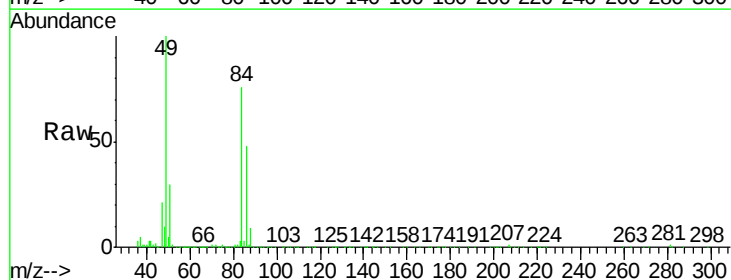
Manual Integrations  
APPROVED

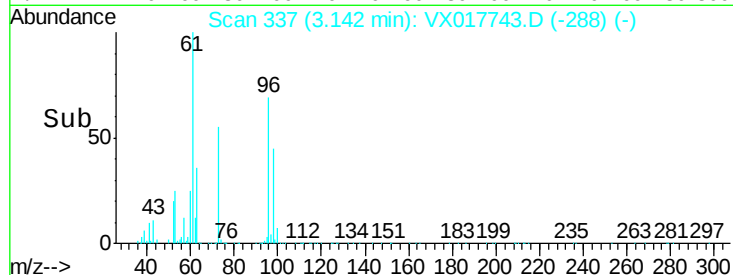
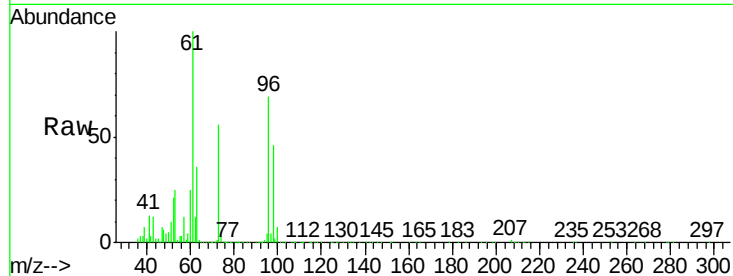
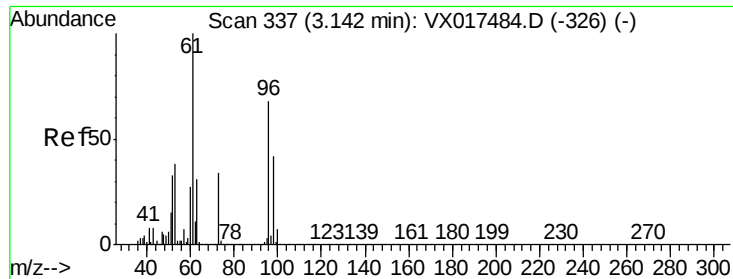
MMDadoda  
8/4/2020 9:51:09 AM



#20  
Methylene Chloride  
Concen: 18.295 ug/l  
RT: 2.84 min Scan# 287  
Delta R.T. 0.00 min  
Lab File: VX017743.D  
Acq: 03 Aug 2020 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 130.9 | 100.3 | 150.5 |
| 51      | 39.3  | 30.5  | 45.7  |
| 86      | 63.0  | 51.1  | 76.7  |





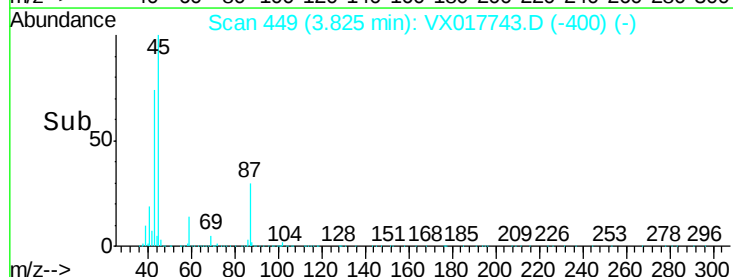
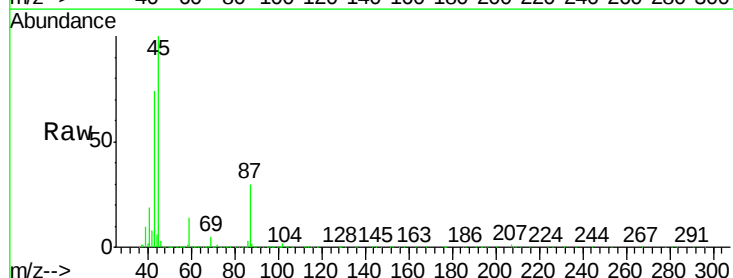
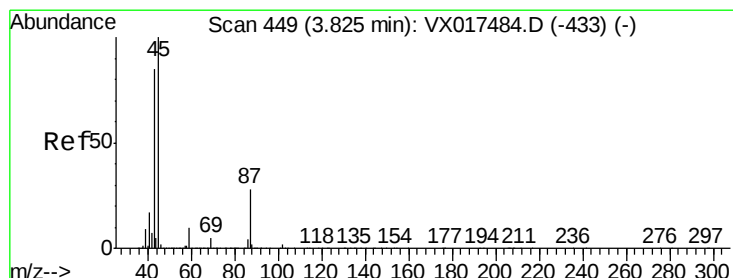
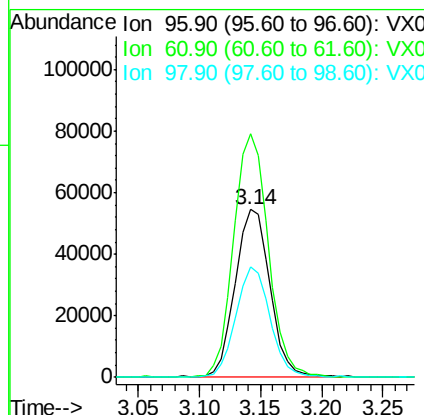
#21  
trans-1,2-Dichloroethene  
Concen: 17.516 ug/l  
RT: 3.14 min Scan# 337  
Delta R.T. -0.00 min  
Lab File: VX017743.D  
Acq: 03 Aug 2020 14:02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 144.9 | 113.0 | 169.4 |
| 98      | 65.8  | 51.8  | 77.8  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0803WBS01

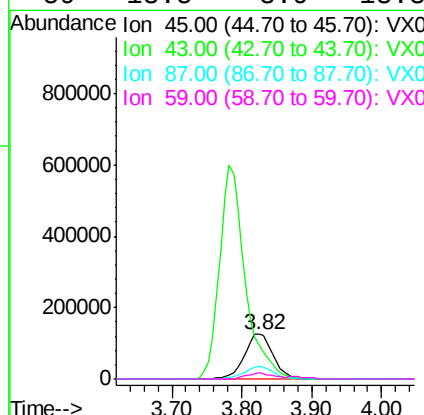
Manual Integrations  
APPROVED

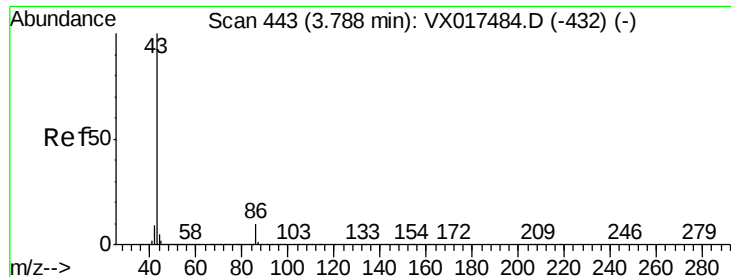
MMDadoda  
8/4/2020 9:51:09 AM



#22  
Diisopropyl ether  
Concen: 18.664 ug/l  
RT: 3.82 min Scan# 449  
Delta R.T. -0.00 min  
Lab File: VX017743.D  
Acq: 03 Aug 2020 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 73.6  | 52.0  | 78.0  |
| 87      | 29.6  | 22.2  | 33.4  |
| 59      | 13.5  | 8.9   | 13.3# |





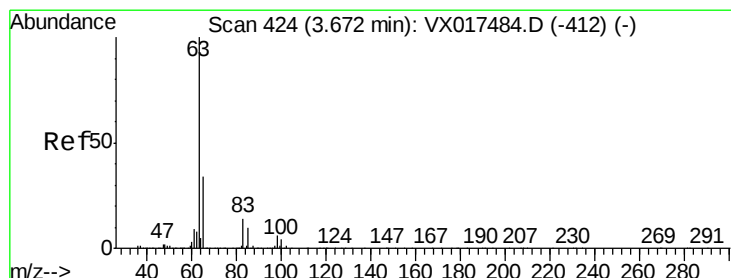
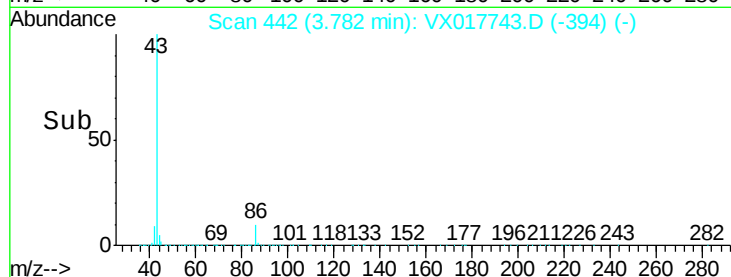
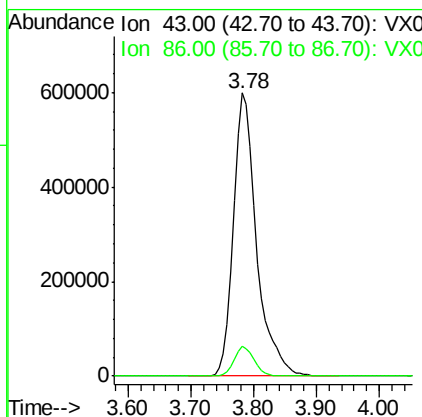
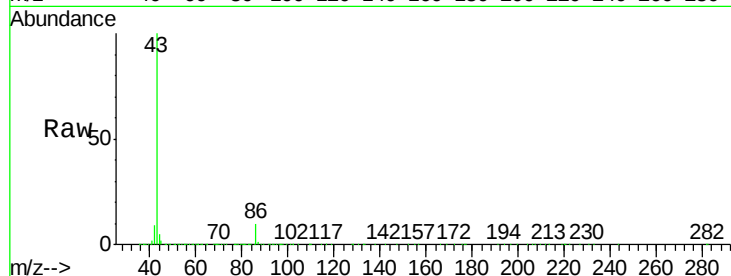
#23  
 Vinyl Acetate  
 Concen: 90.238 ug/l  
 RT: 3.78 min Scan# 442  
 Delta R.T. -0.01 min  
 Lab File: VX017743.D  
 Acq: 03 Aug 2020 14:02

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0803WBS01

Tot Ion: 43 Resp: 1531249  
 Ion Ratio Lower Upper  
 43 100  
 86 10.4 8.2 12.4

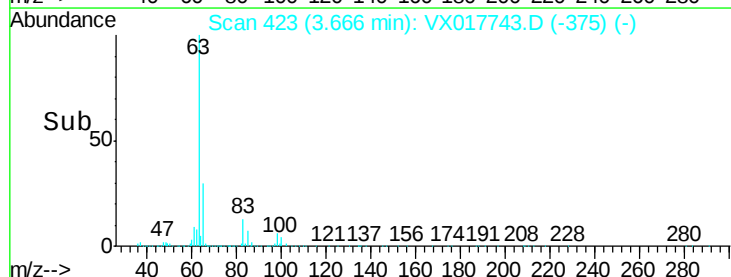
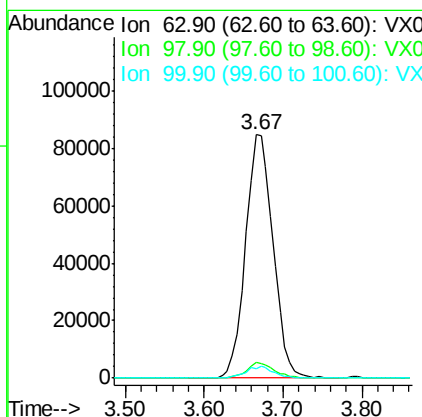
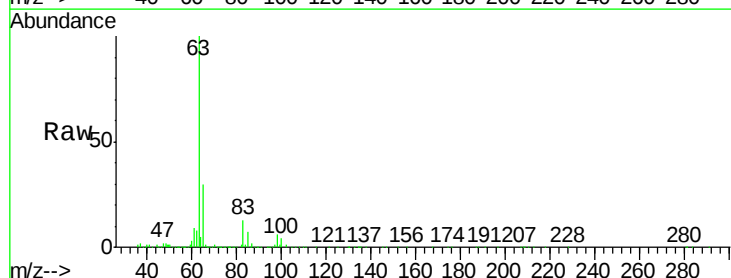
Manual Integrations  
 APPROVED

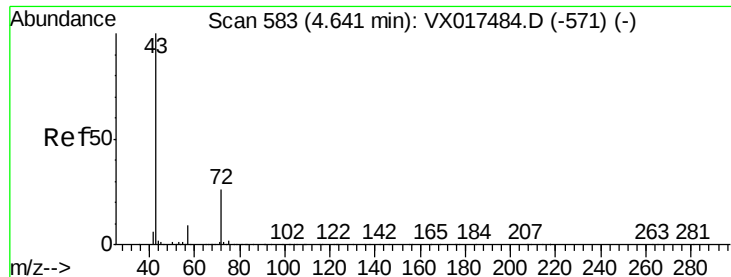
MMDadoda  
 8/4/2020 9:51:09 AM



#24  
 1,1-Dichloroethane  
 Concen: 18.767 ug/l  
 RT: 3.67 min Scan# 423  
 Delta R.T. -0.01 min  
 Lab File: VX017743.D  
 Acq: 03 Aug 2020 14:02

Tgt Ion: 63 Resp: 205744  
 Ion Ratio Lower Upper  
 63 100  
 98 6.3 3.4 10.1  
 100 3.9 1.9 5.7





#25

2-Butanone

Concen: 86.927 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

Instrument :

MSVOA\_X

ClientSampleId :

VX0803WBS01

Tot Ion: 43 Resp: 385301

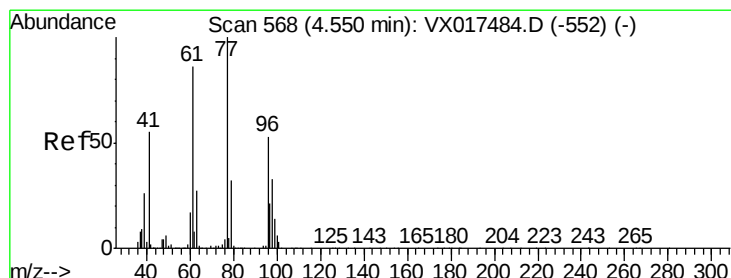
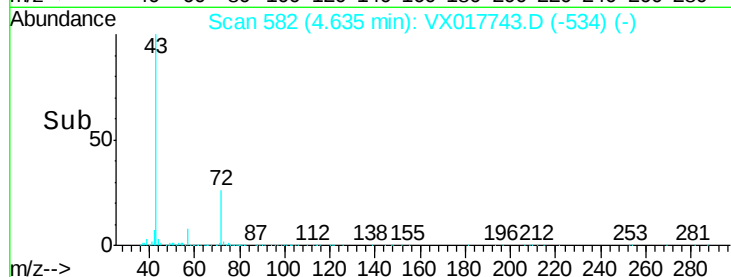
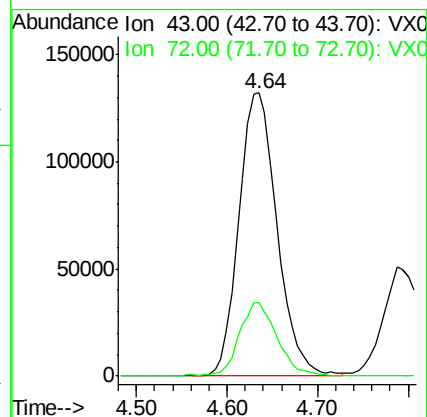
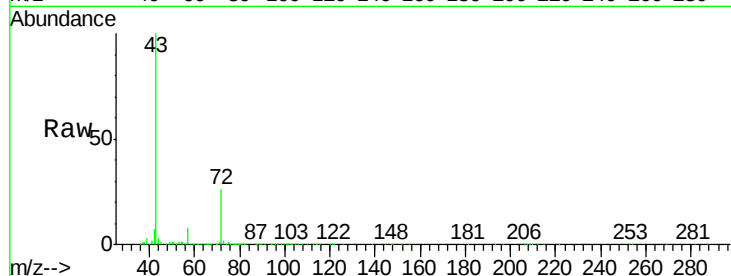
Ion Ratio Lower Upper

43 100

72 25.7 19.0 28.4

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#26

2,2-Dichloropropane

Concen: 19.396 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX017743.D

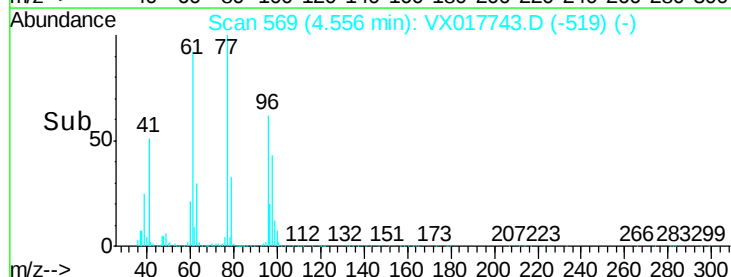
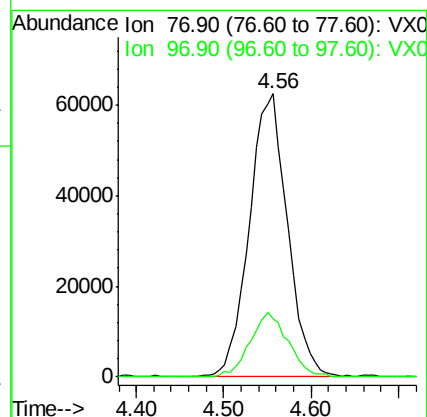
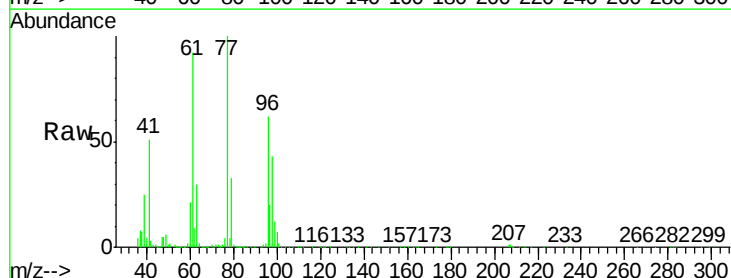
Acq: 03 Aug 2020 14:02

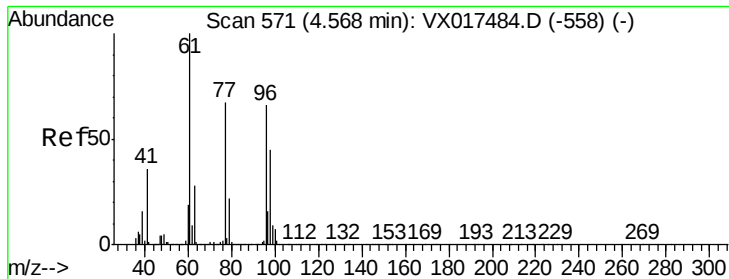
Tgt Ion: 77 Resp: 190346

Ion Ratio Lower Upper

77 100

97 22.6 10.9 32.9





#27

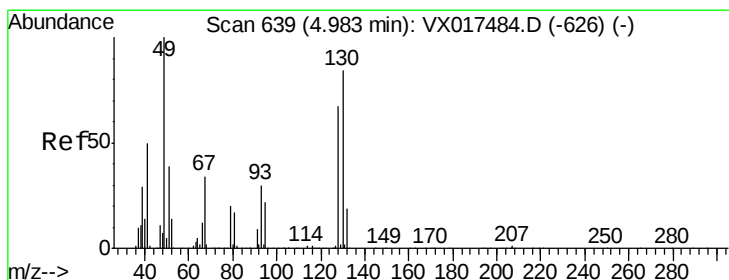
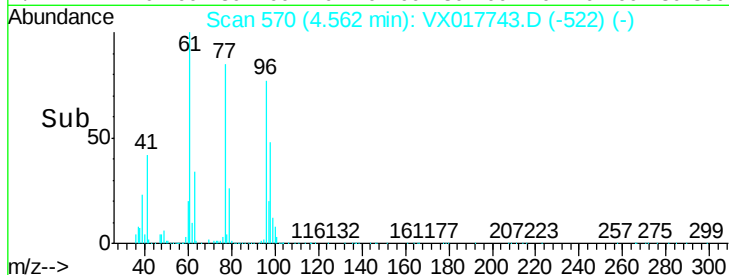
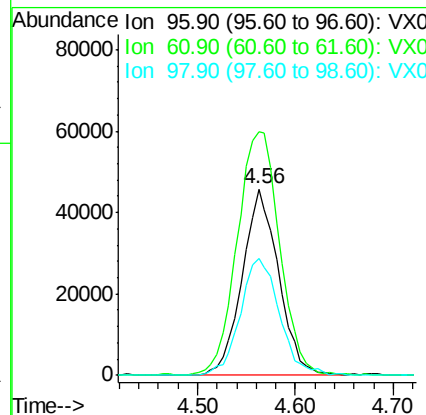
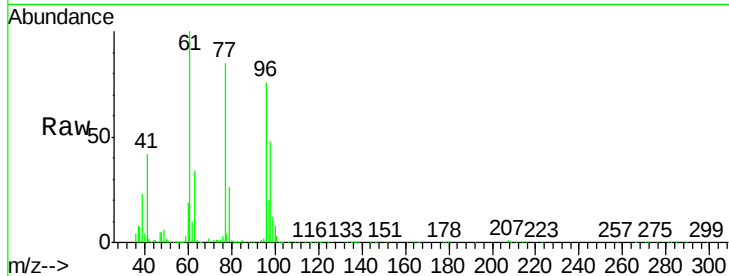
cis-1,2-Dichloroethene  
Concen: 17.820 ug/l  
RT: 4.56 min Scan# 570  
Delta R.T. -0.01 min  
Lab File: VX017743.D  
Acq: 03 Aug 2020 14:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0803WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 118195 |       |       |
| 61      | 150.3 | 0.0    | 301.2 |       |
| 98      | 67.7  | 0.0    | 130.0 |       |

Manual Integrations  
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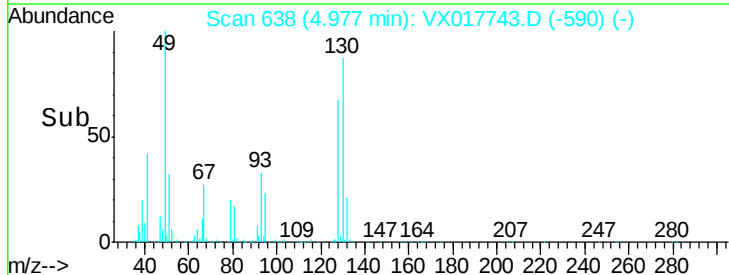
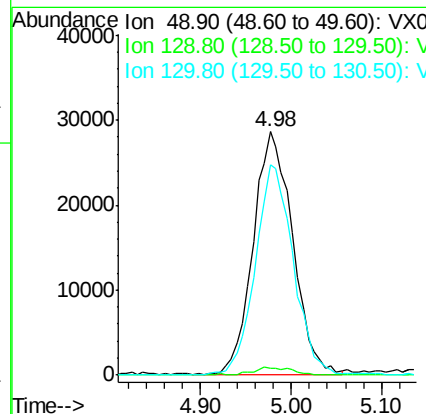
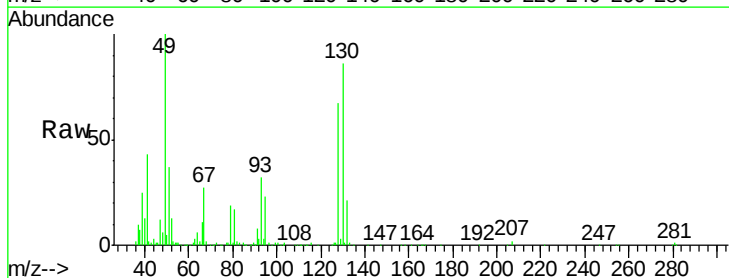
MMDadoda  
8/4/2020 9:51:09 AM

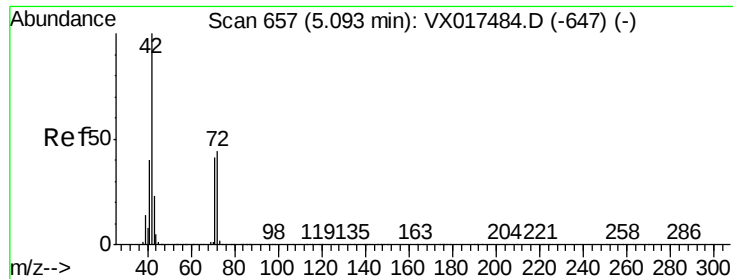


#28

Bromochloromethane  
Concen: 17.389 ug/l  
RT: 4.98 min Scan# 638  
Delta R.T. -0.01 min  
Lab File: VX017743.D  
Acq: 03 Aug 2020 14:02

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 49      | 100   | 86388 |       |       |
| 129     | 3.0   | 0.0   | 4.6   |       |
| 130     | 83.5  | 66.7  | 100.1 |       |





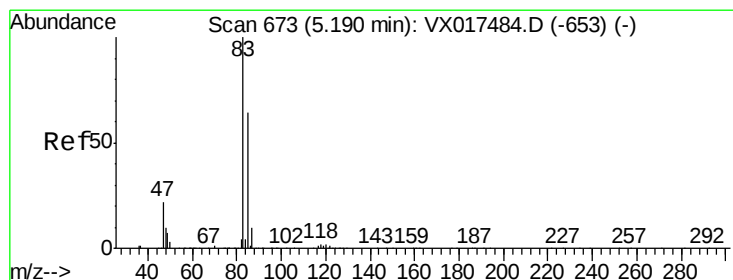
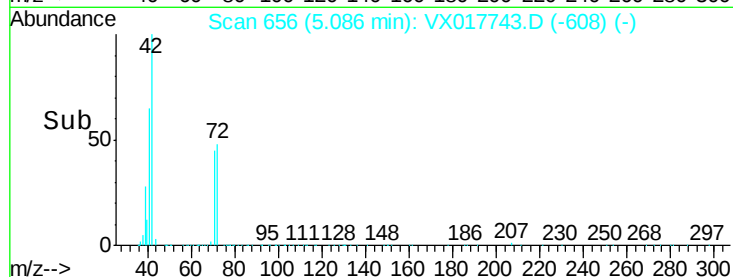
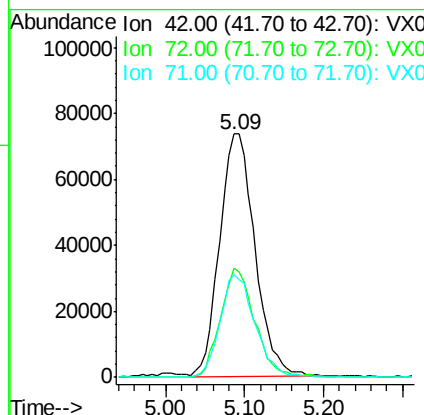
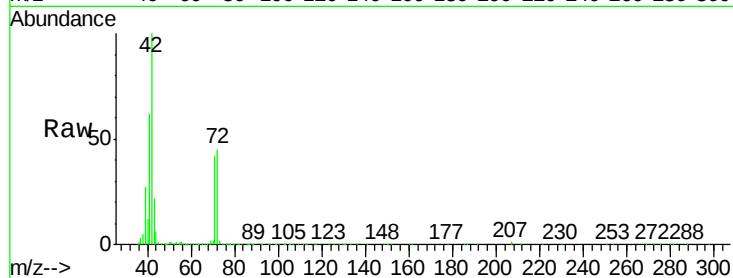
#29  
Tetrahydrofuran  
Concen: 83.592 ug/l  
RT: 5.09 min Scan# 656  
Delta R.T. -0.01 min  
Lab File: VX017743.D  
Acq: 03 Aug 2020 14:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0803WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 43.9  | 35.5  | 53.3  |
| 71      | 42.2  | 33.0  | 49.4  |

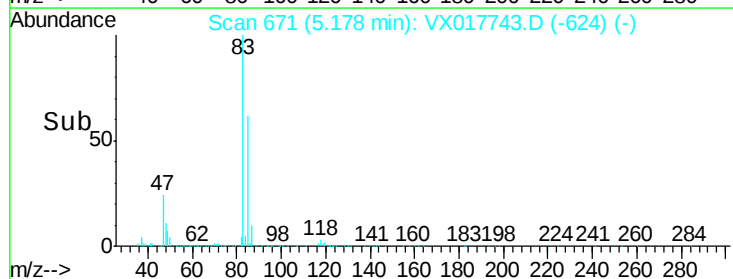
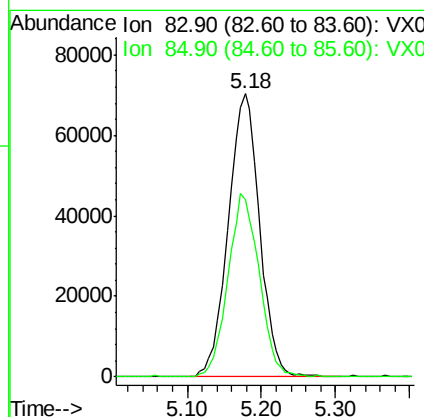
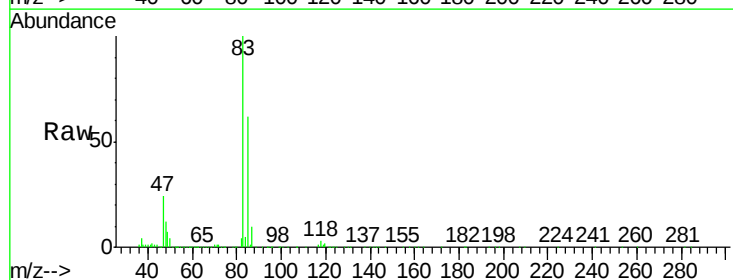
Manual Integrations  
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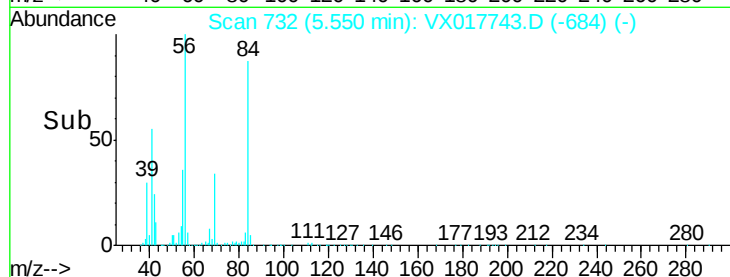
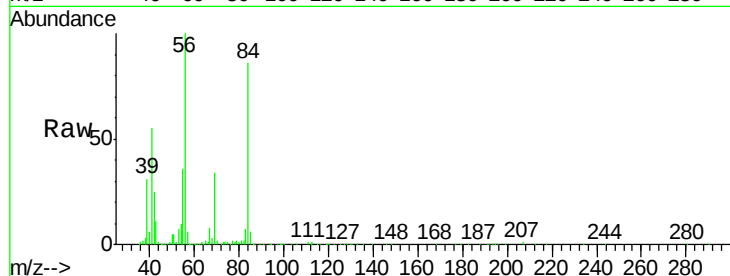
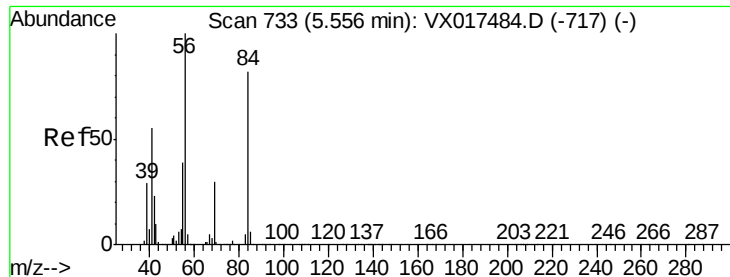
MMDadoda  
8/4/2020 9:51:09 AM



#30  
Chloroform  
Concen: 18.434 ug/l  
RT: 5.18 min Scan# 671  
Delta R.T. -0.01 min  
Lab File: VX017743.D  
Acq: 03 Aug 2020 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 62.3  | 51.4  | 77.2  |





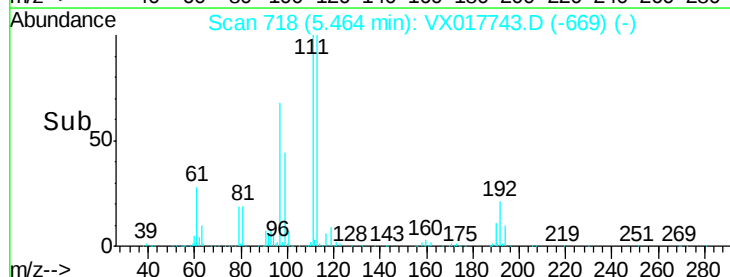
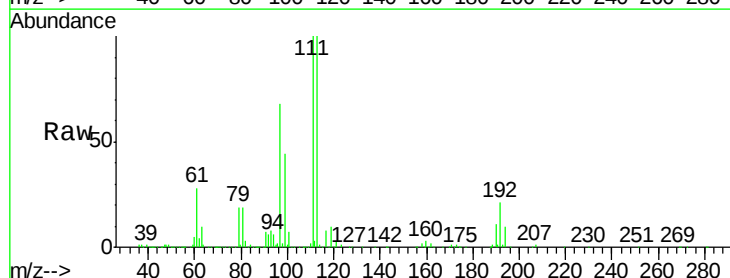
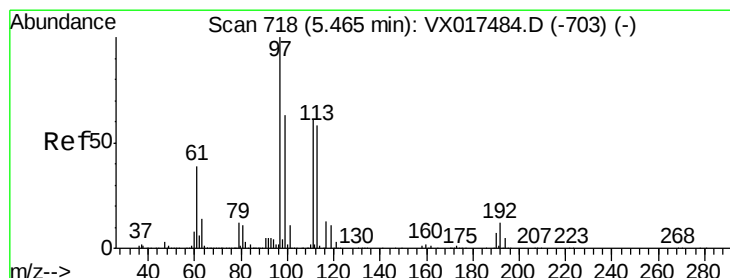
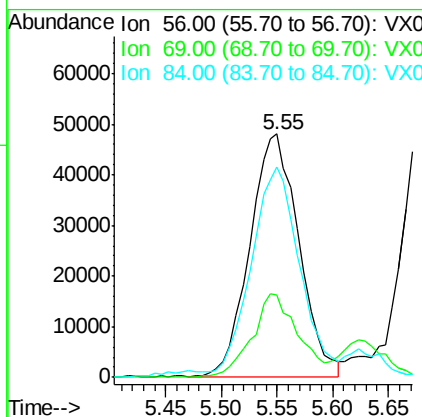
#31  
Cyclohexane  
Concen: 16.728 ug/l  
RT: 5.55 min Scan# 732  
Delta R.T. -0.01 min  
Lab File: VX017743.D  
Acq: 03 Aug 2020 14:02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 34.2  | 24.2  | 36.4  |
| 84      | 84.3  | 69.0  | 103.6 |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0803WBS01

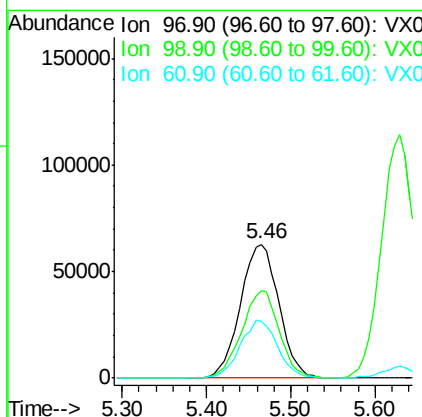
Manual Integrations  
APPROVED

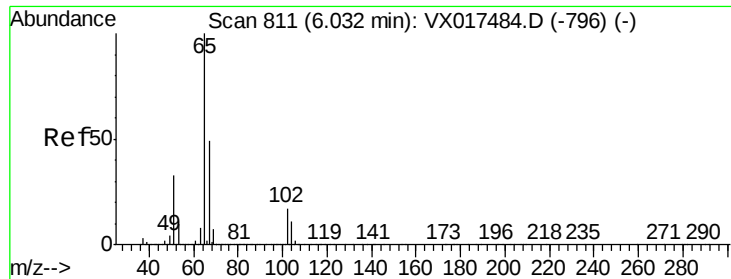
MMDadoda  
8/4/2020 9:51:09 AM



#32  
1,1,1-Trichloroethane  
Concen: 18.410 ug/l  
RT: 5.46 min Scan# 718  
Delta R.T. -0.00 min  
Lab File: VX017743.D  
Acq: 03 Aug 2020 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 63.9  | 51.9  | 77.9  |
| 61      | 42.0  | 34.1  | 51.1  |





#33

1,2-Dichloroethane-d4

Concen: 47.798 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

Instrument :

MSVOA\_X

ClientSampled :

VX0803WBS01

Tot Ion: 65 Resp: 338842

Ion Ratio Lower Upper

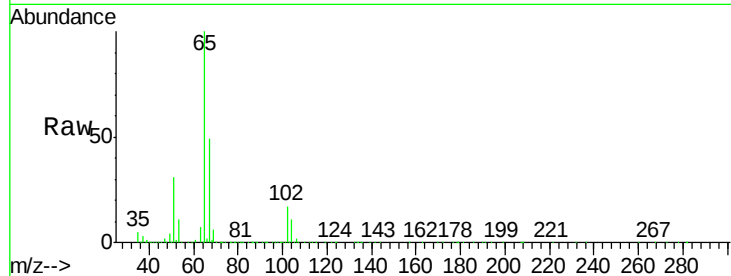
65 100

67 50.6 0.0 102.8

Manual Integrations  
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

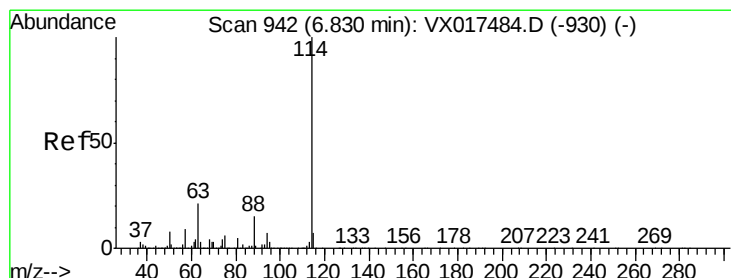
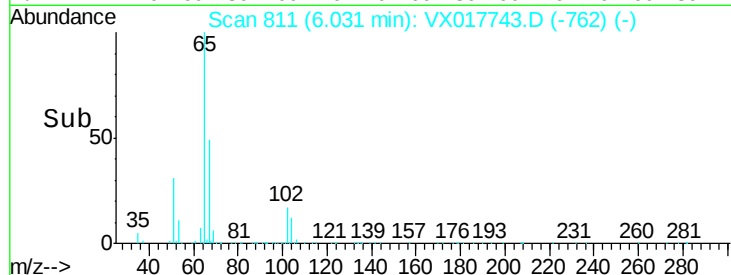
150000

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: VX017743.D

Acq: 03 Aug 2020 14:02

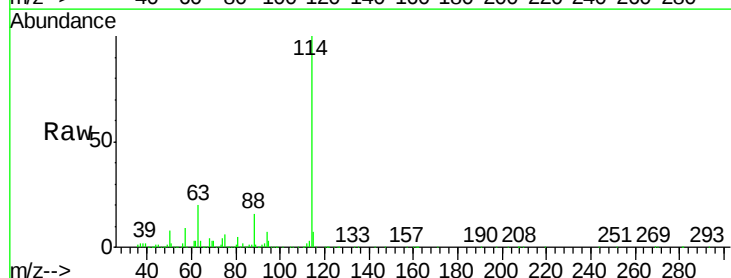
Tgt Ion: 114 Resp: 800642

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.6

88 16.0 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

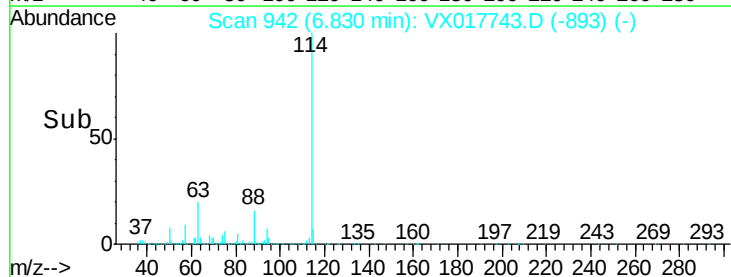
300000

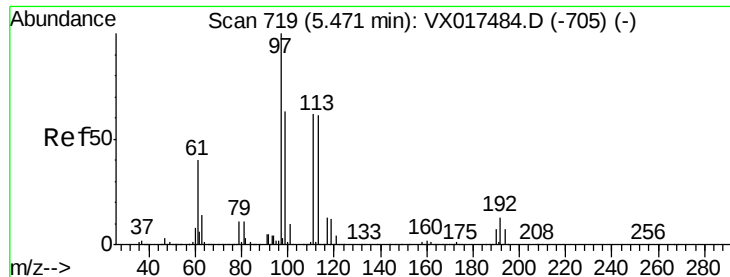
200000

100000

0

Time-->





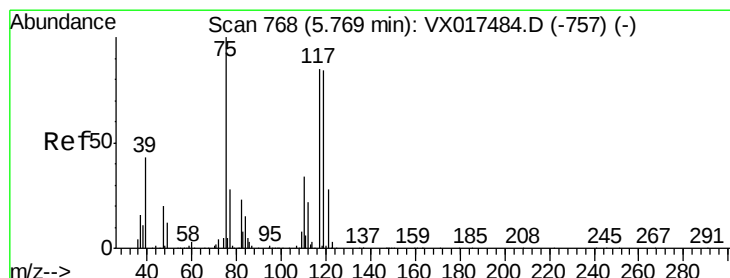
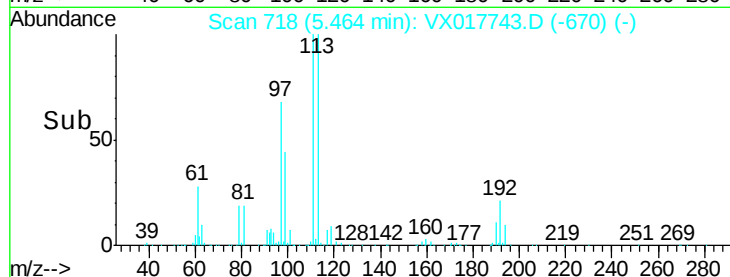
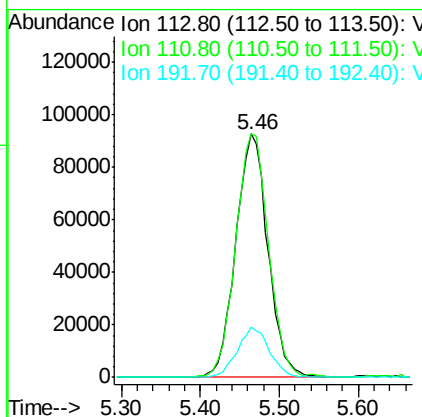
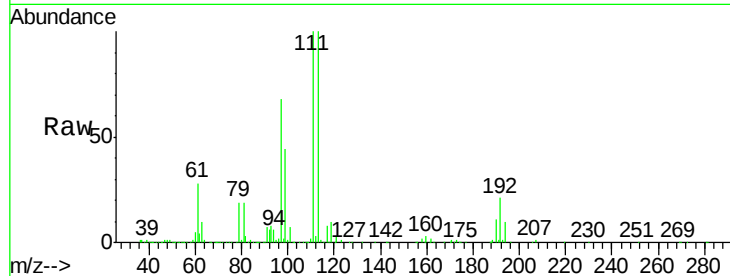
#35  
 Dibromofluoromethane  
 Concen: 48.939 ug/l  
 RT: 5.46 min Scan# 718  
 Delta R.T. -0.01 min  
 Lab File: VX017743.D  
 Acq: 03 Aug 2020 14:02

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0803WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 262055 |       |       |
| 111     | 102.4 | 80.7   | 121.1 |       |
| 192     | 20.6  | 16.9   | 25.3  |       |

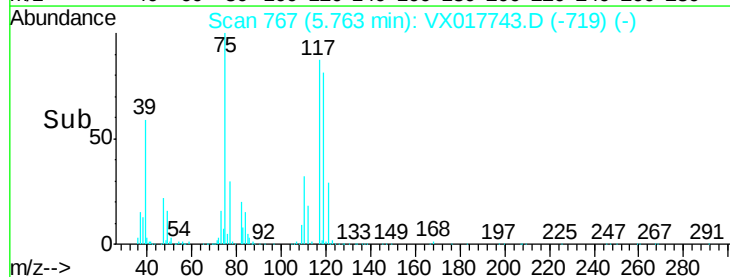
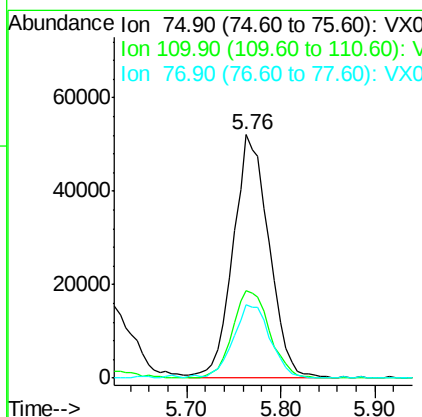
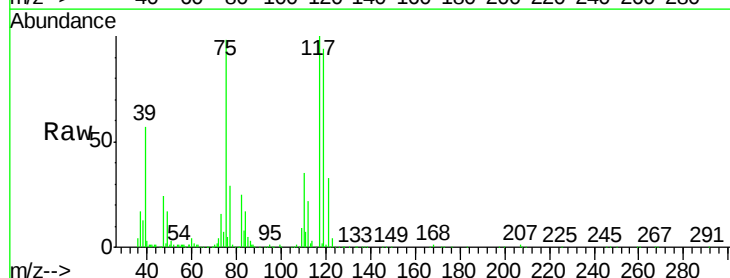
Manual Integrations  
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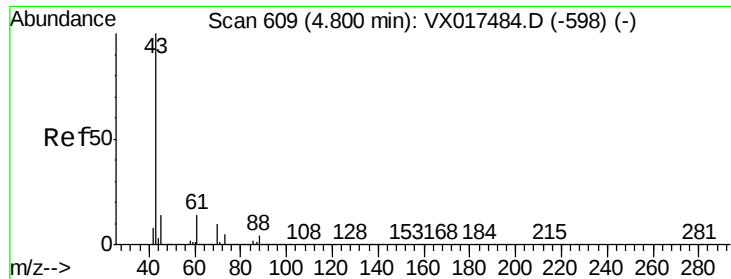
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 8/4/2020 9:51:09 AM



#36  
 1,1-Dichloropropene  
 Concen: 17.846 ug/l  
 RT: 5.76 min Scan# 767  
 Delta R.T. -0.01 min  
 Lab File: VX017743.D  
 Acq: 03 Aug 2020 14:02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 137038 |       |       |
| 110     | 37.7  | 18.1   | 54.3  |       |
| 77      | 30.6  | 24.6   | 37.0  |       |





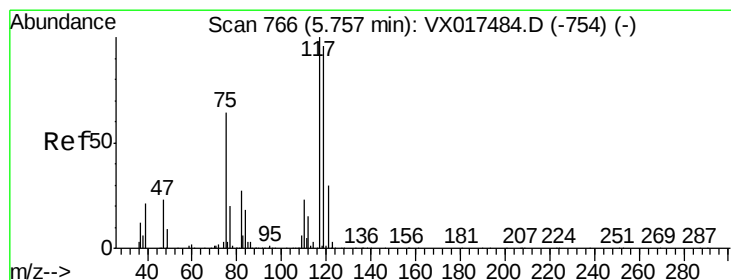
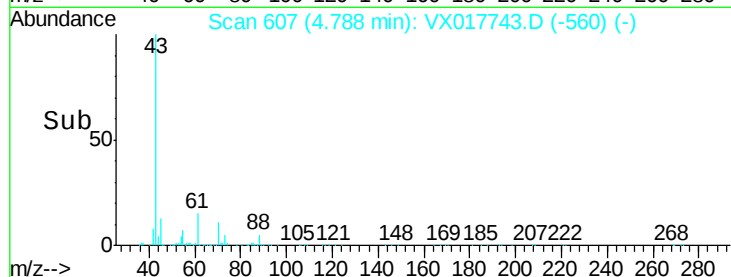
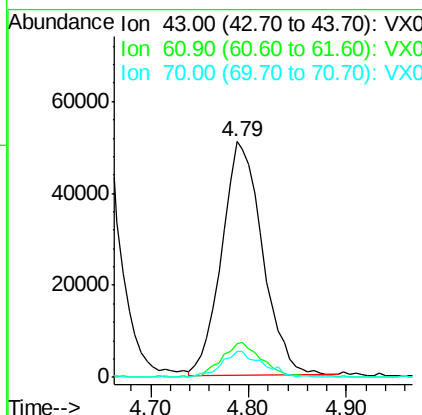
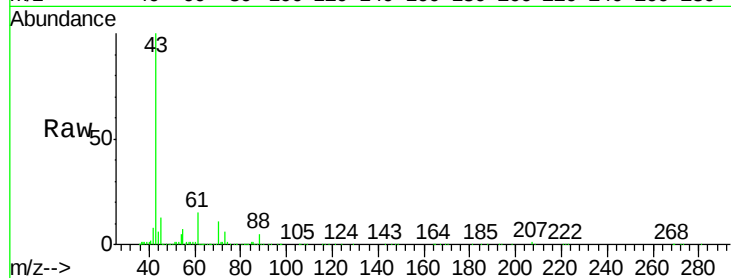
#37  
Ethyl Acetate  
Concen: 17.512 ug/l  
RT: 4.79 min Scan# 607  
Delta R.T. -0.01 min  
Lab File: VX017743.D  
Acq: 03 Aug 2020 14:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0803WBS01

| Tot Ion   | 43   | Resp  | 147134 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 43        | 100  |       |        |
| 61        | 14.8 | 10.7  | 16.1   |
| 70        | 11.3 | 8.5   | 12.7   |

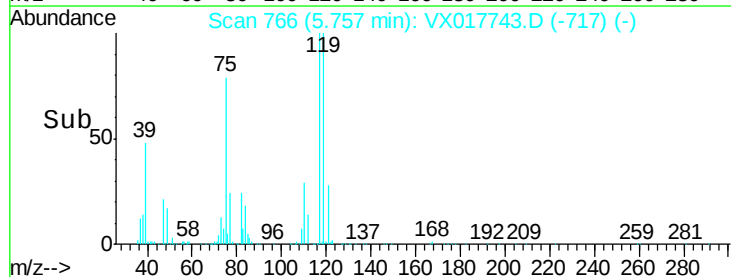
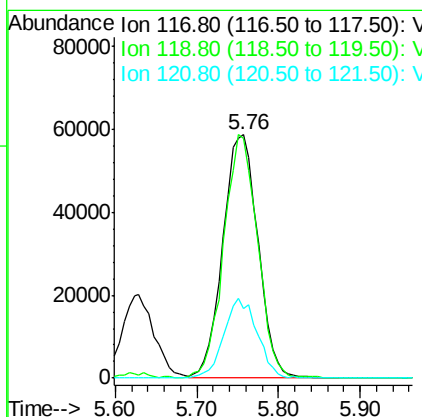
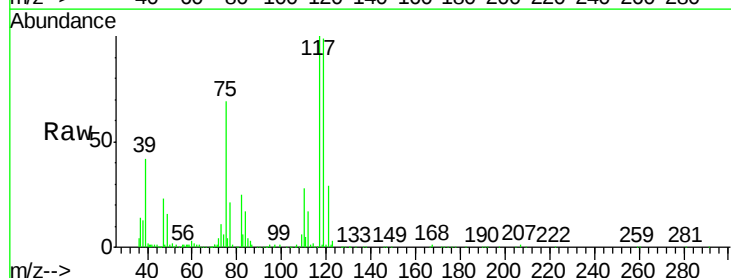
Manual Integrations  
APPROVED

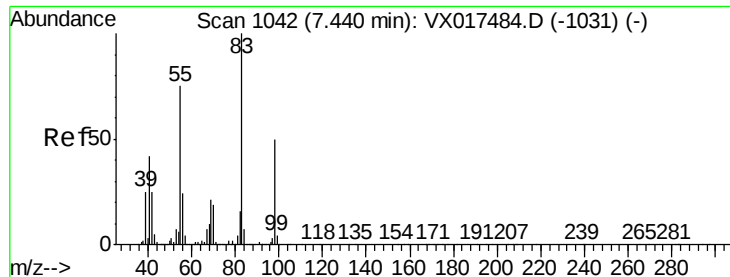
MMDadoda  
8/4/2020 9:51:09 AM



#38  
Carbon Tetrachloride  
Concen: 18.801 ug/l  
RT: 5.76 min Scan# 766  
Delta R.T. -0.00 min  
Lab File: VX017743.D  
Acq: 03 Aug 2020 14:02

| Tgt Ion   | 117  | Resp  | 175316 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 117       | 100  |       |        |
| 119       | 98.6 | 75.4  | 113.0  |
| 121       | 28.7 | 24.3  | 36.5   |





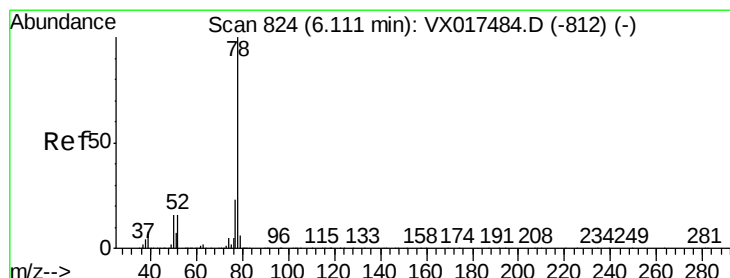
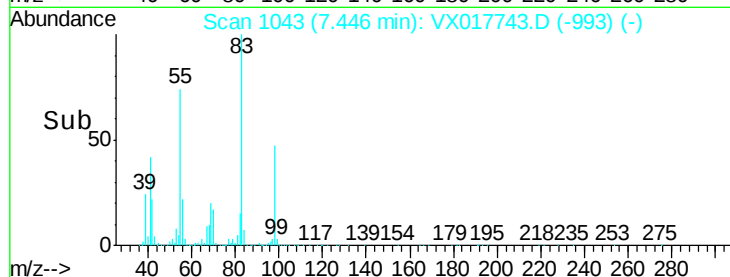
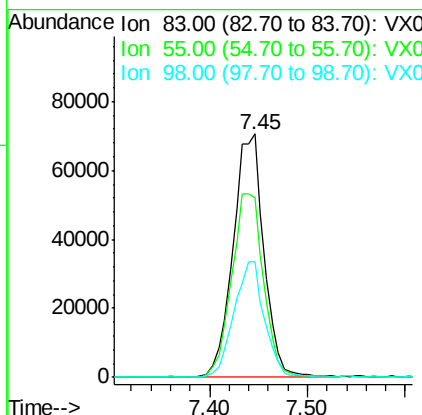
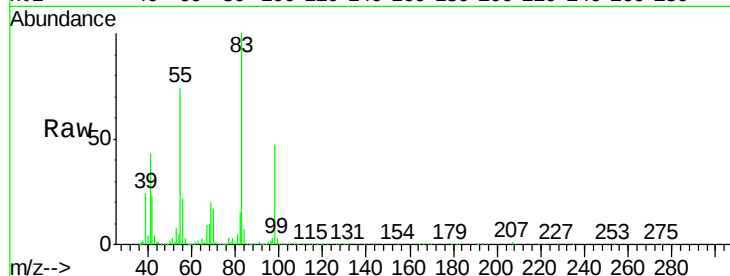
#39  
Methvlcvclohexane  
Concen: 17.267 ug/l  
RT: 7.45 min Scan# 1043  
Delta R.T. 0.01 min  
Lab File: VX017743.D  
Acq: 03 Aug 2020 14:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0803WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 73.4  | 61.8  | 92.8  |
| 98      | 47.5  | 36.9  | 55.3  |

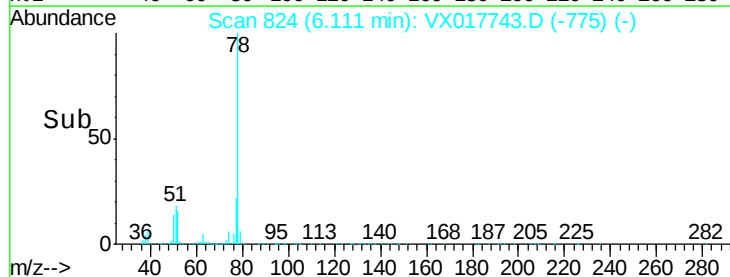
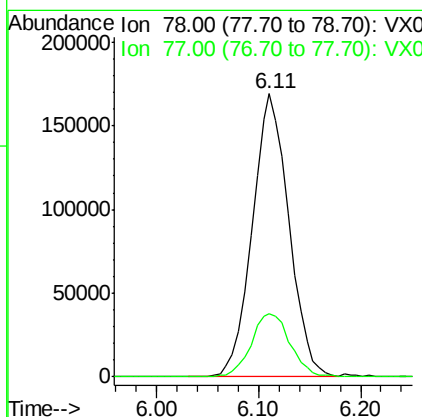
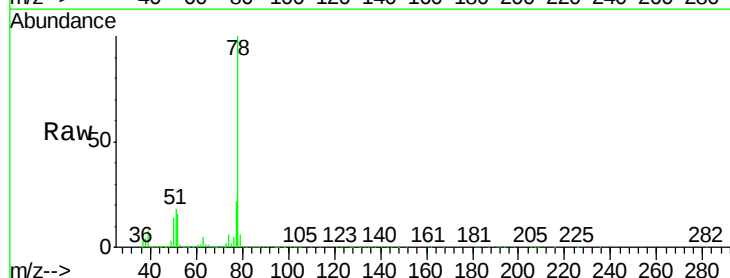
Manual Integrations  
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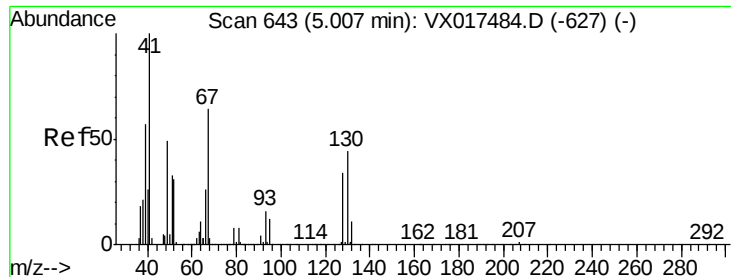
MMDadoda  
8/4/2020 9:51:09 AM



#40  
Benzene  
Concen: 19.136 ug/l  
RT: 6.11 min Scan# 824  
Delta R.T. -0.00 min  
Lab File: VX017743.D  
Acq: 03 Aug 2020 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 22.3  | 19.4  | 29.2  |





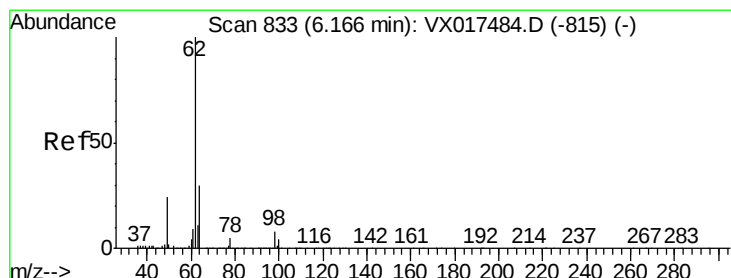
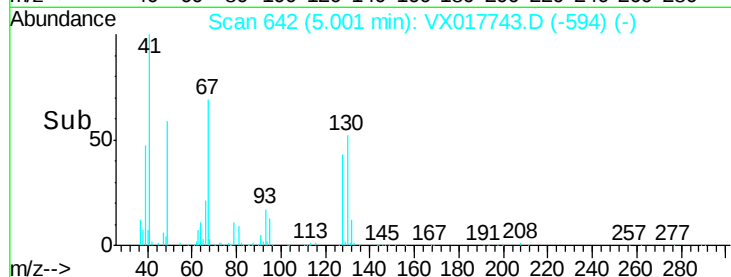
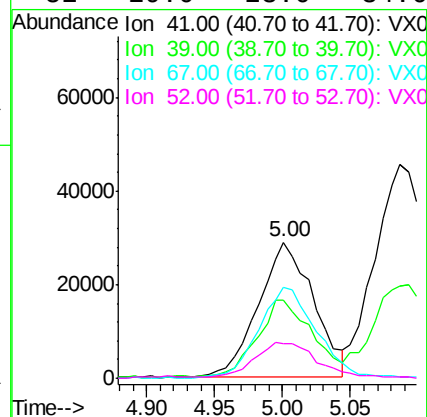
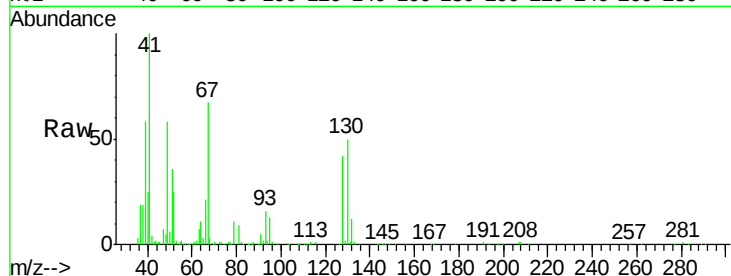
#41  
Methacrylonitrile  
Concen: 16.981 ug/l  
RT: 5.00 min Scan# 642  
Delta R.T. -0.01 min  
Lab File: VX017743.D  
Acq: 03 Aug 2020 14:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0803WBS01

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 57.1 | 43.9  | 65.9  |       |
| 67      | 70.6 | 54.0  | 81.0  |       |
| 52      | 29.0 | 23.0  | 34.6  |       |

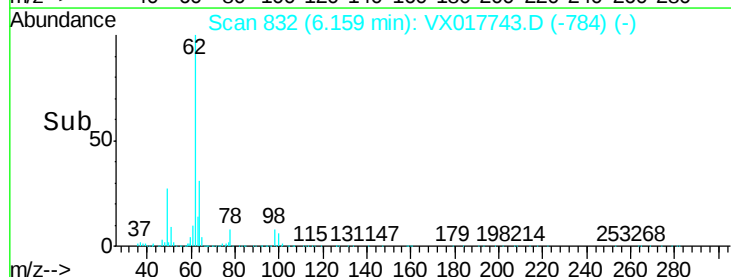
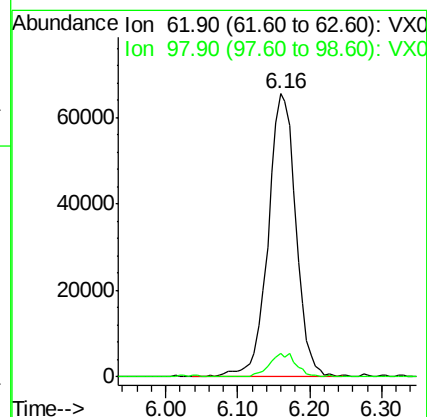
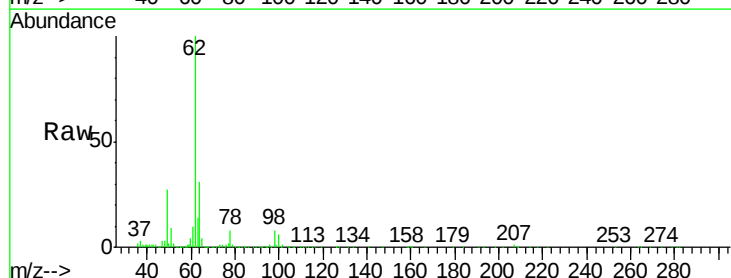
Manual Integrations  
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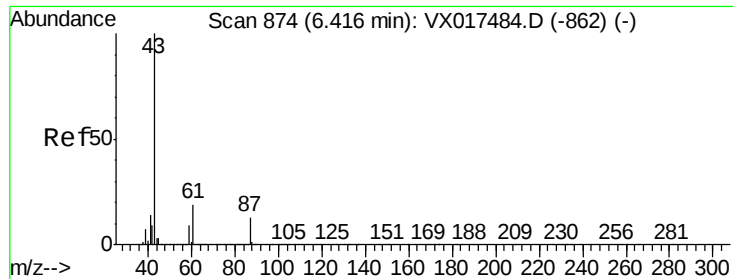
MMDadoda  
8/4/2020 9:51:09 AM



#42  
1,2-Dichloroethane  
Concen: 19.455 ug/l  
RT: 6.16 min Scan# 832  
Delta R.T. -0.01 min  
Lab File: VX017743.D  
Acq: 03 Aug 2020 14:02

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 62      | 100 |       |       |       |
| 98      | 8.0 | 0.0   | 16.0  |       |





#43

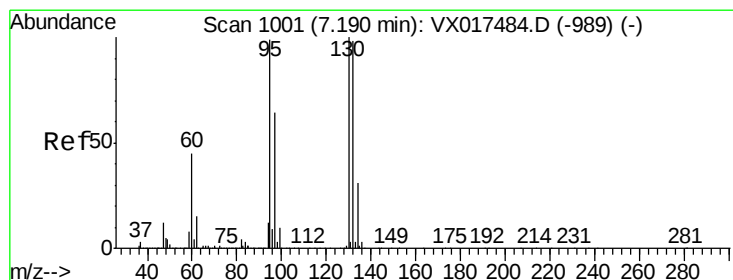
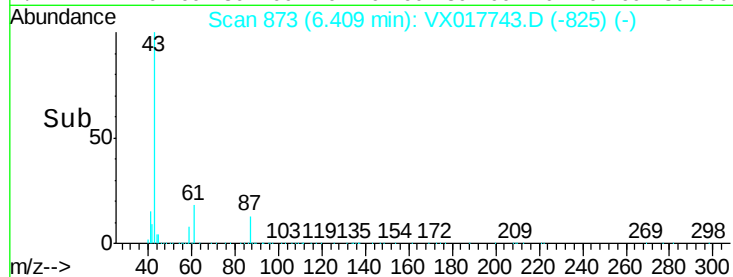
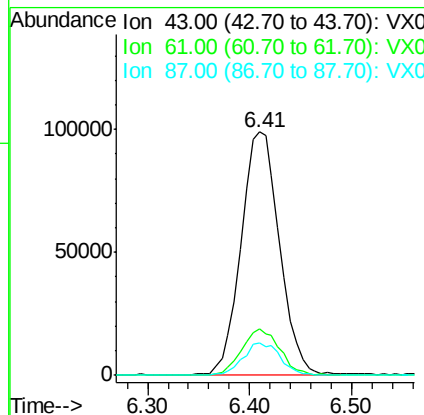
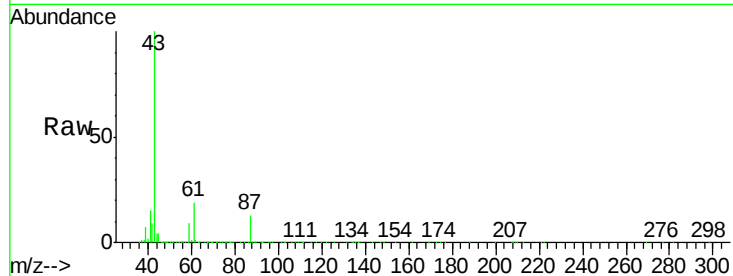
Isopropyl Acetate  
 Concen: 18.745 ug/l  
 RT: 6.41 min Scan# 873  
 Delta R.T. -0.01 min  
 Lab File: VX017743.D  
 Acq: 03 Aug 2020 14:02

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0803WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 18.9  | 15.5  | 23.3  |
| 87      | 13.1  | 10.5  | 15.7  |

Manual Integrations  
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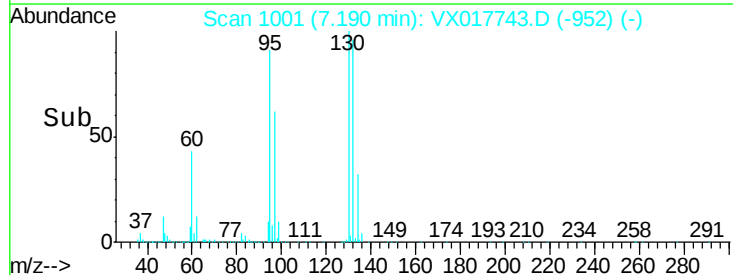
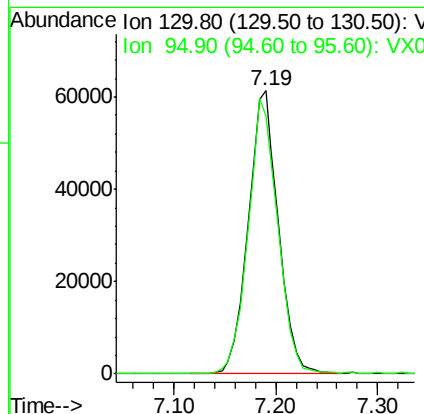
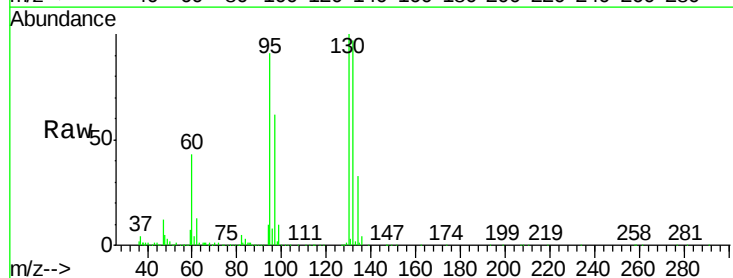
MMDadoda  
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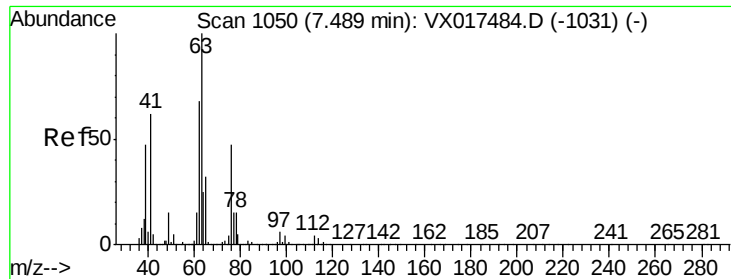


#44

Trichloroethene  
 Concen: 19.525 ug/l  
 RT: 7.19 min Scan# 1001  
 Delta R.T. -0.00 min  
 Lab File: VX017743.D  
 Acq: 03 Aug 2020 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 90.8  | 0.0   | 189.0 |





#45

1,2-Dichloropropane

Concen: 16.694 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

Instrument :

MSVOA\_X

ClientSampleId :

VX0803WBS01

Tot Ion: 63 Resp: 101879

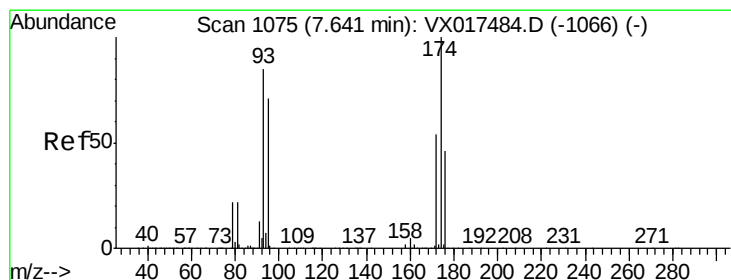
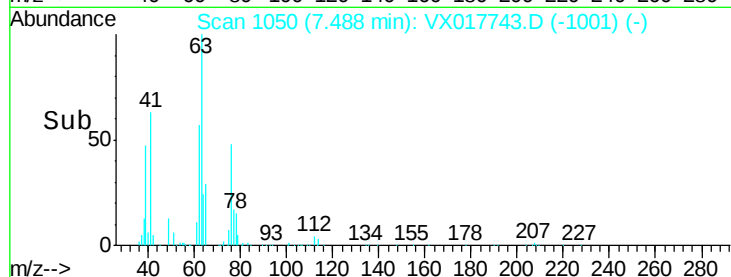
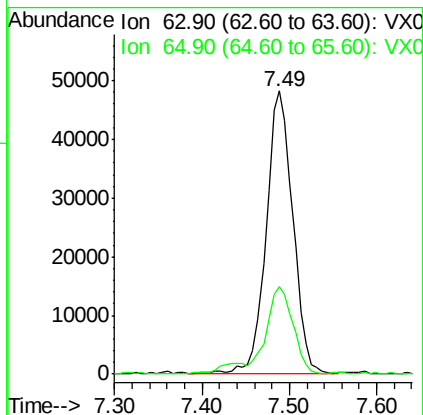
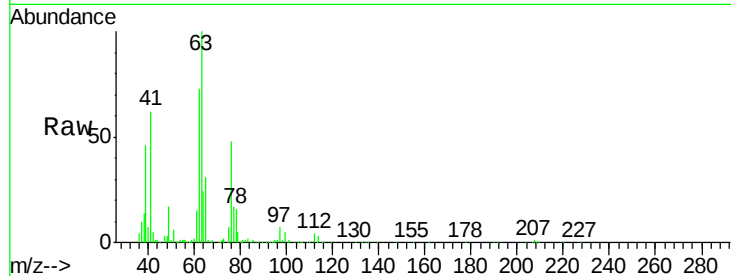
Ion Ratio Lower Upper

63 100

65 30.6 24.5 36.7

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#46

Dibromomethane

Concen: 17.882 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

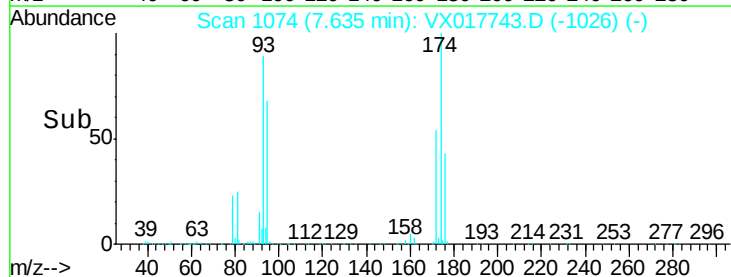
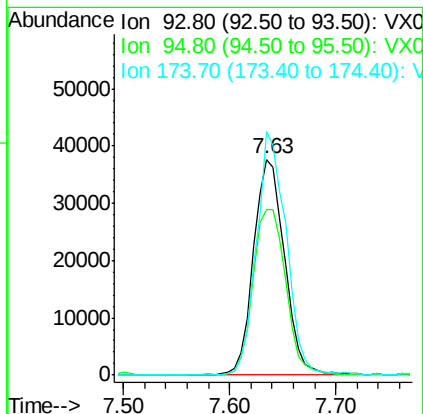
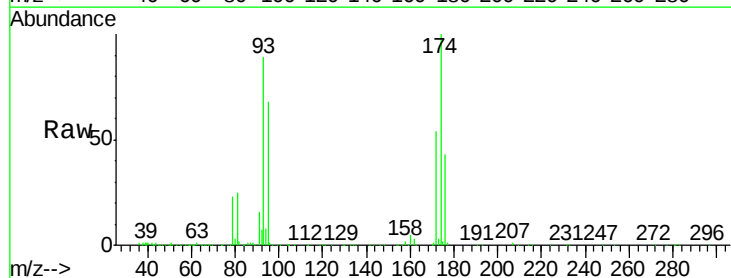
Tgt Ion: 93 Resp: 77125

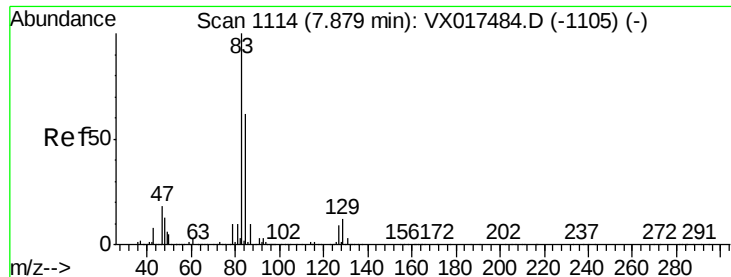
Ion Ratio Lower Upper

93 100

95 81.7 66.6 99.8

174 108.4 87.0 130.6





#47

Bromodichloromethane

Concen: 19.217 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

Instrument :

MSVOA\_X

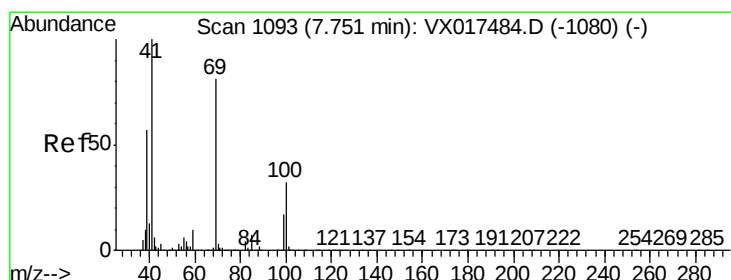
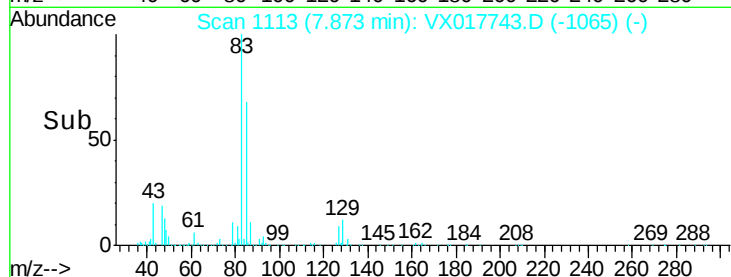
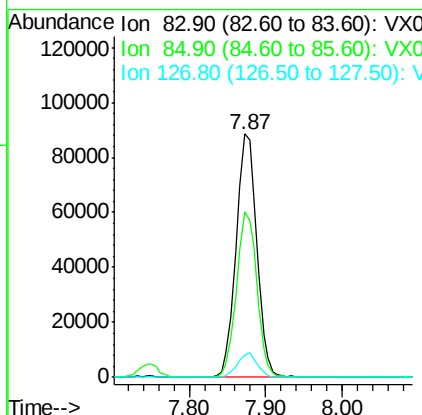
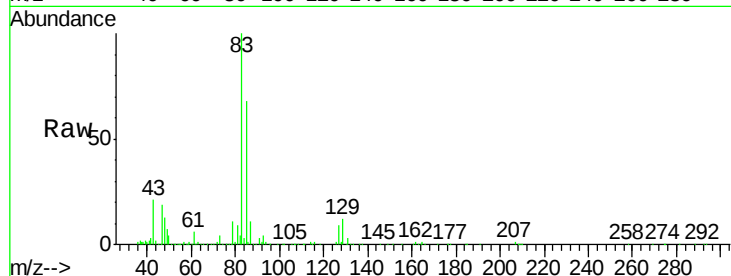
ClientSampleId :

VX0803WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 166771 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 67.8  | 51.8  | 77.8   |
| 127       | 8.9   | 7.4   | 11.2   |

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#48

Methyl methacrylate

Concen: 17.937 ug/l

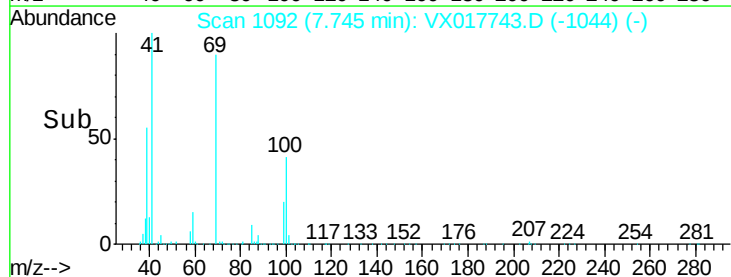
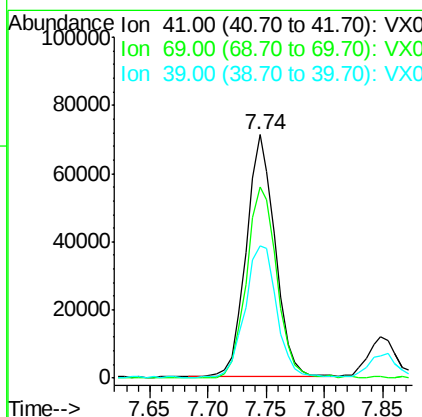
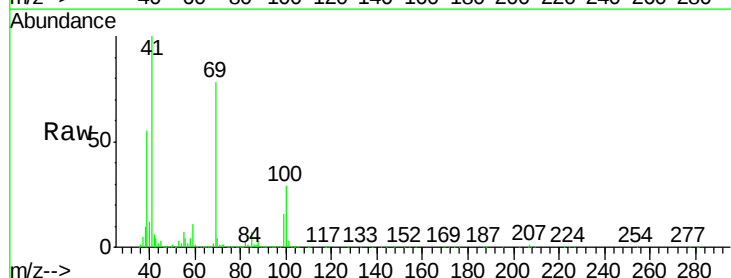
RT: 7.74 min Scan# 1092

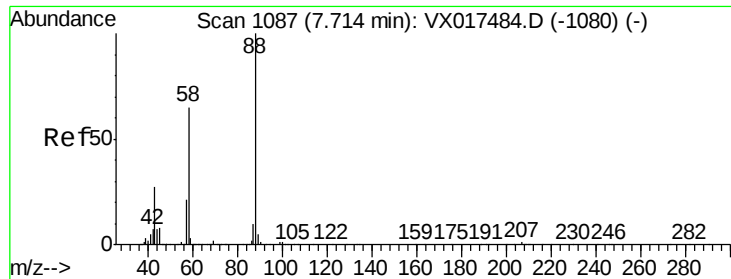
Delta R.T. -0.01 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 123255 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 83.0  | 63.1  | 94.7   |
| 39        | 59.3  | 45.1  | 67.7   |





#49

1,4-Dioxane

Concen: 353.883 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

Instrument :

MSVOA\_X

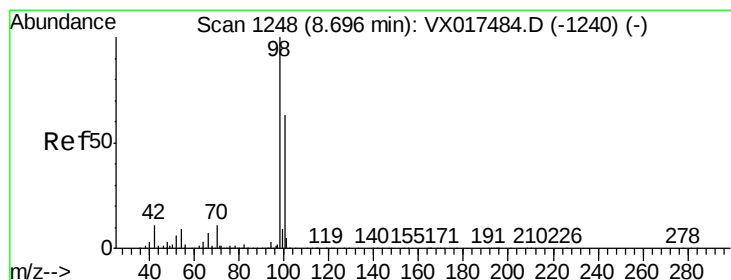
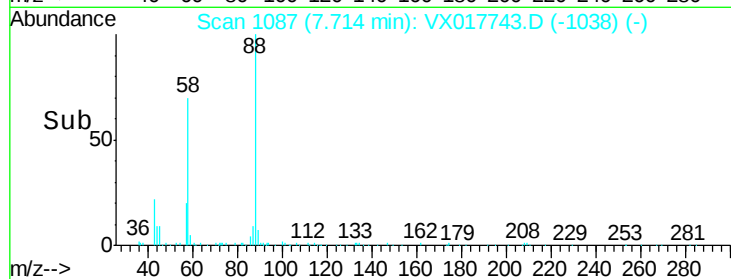
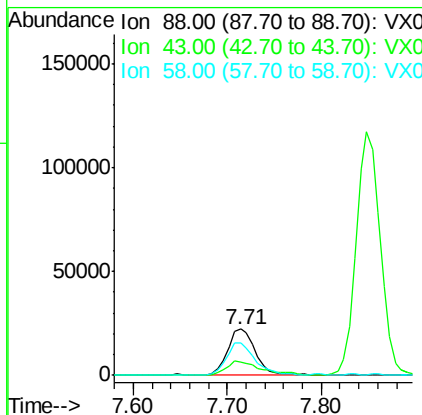
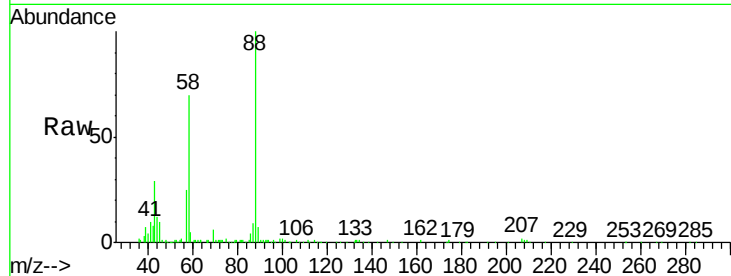
ClientSampleId :

VX0803WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 88    | Resp: | 46622 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 36.2  | 27.8  | 41.6  |
| 58       | 72.1  | 58.3  | 87.5  |

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#50

Toluene-d8

Concen: 47.922 ug/l

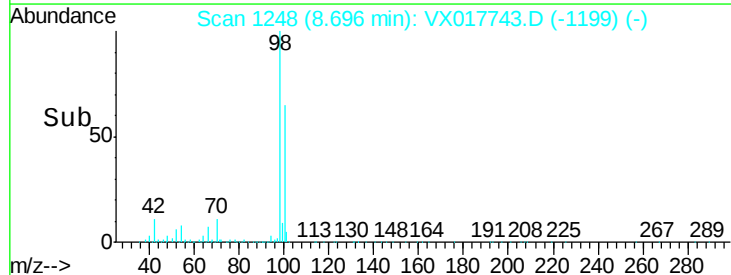
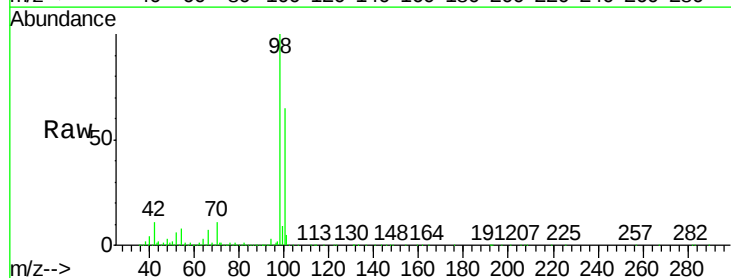
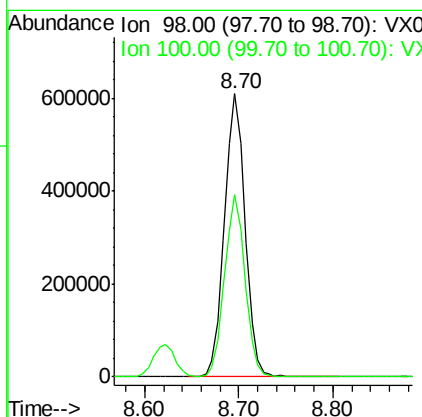
RT: 8.70 min Scan# 1248

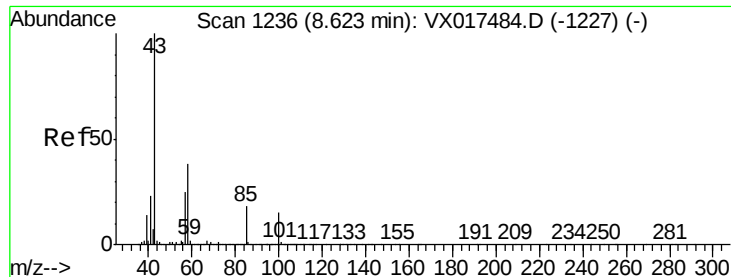
Delta R.T. -0.00 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 925722 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 63.8  | 52.3  | 78.5   |





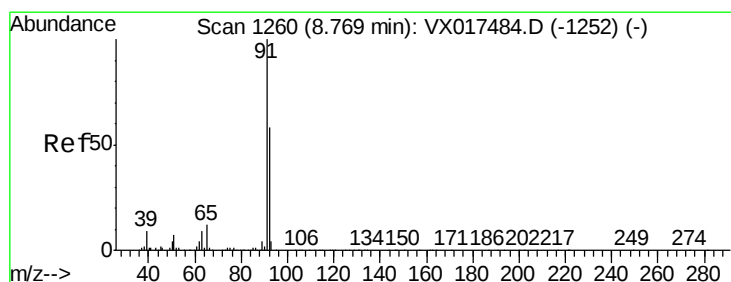
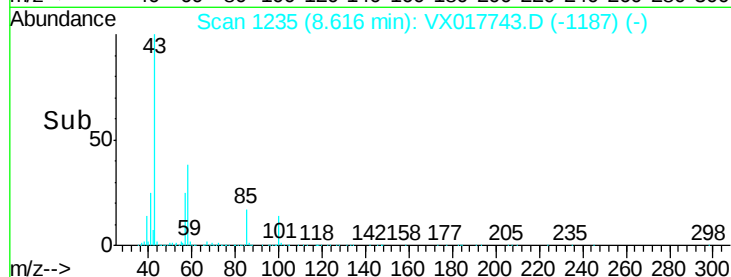
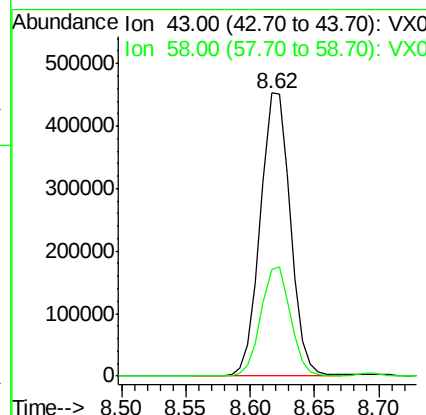
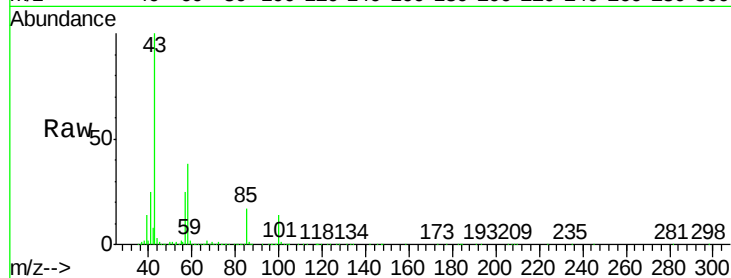
#51  
4-Methyl-2-Pentanone  
Concen: 88.225 ug/l  
RT: 8.62 min Scan# 1235  
Delta R.T. -0.01 min  
Lab File: VX017743.D  
Acq: 03 Aug 2020 14:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0803WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 38.1  | 31.0  | 46.4  |

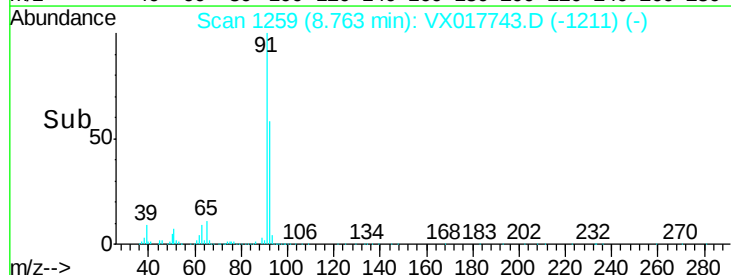
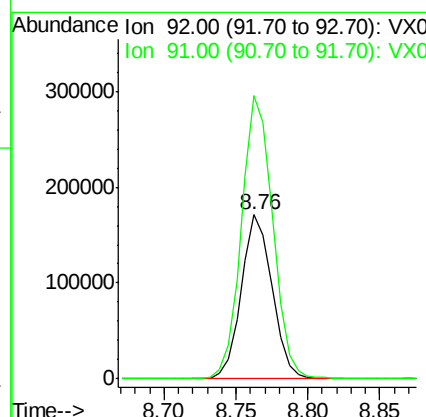
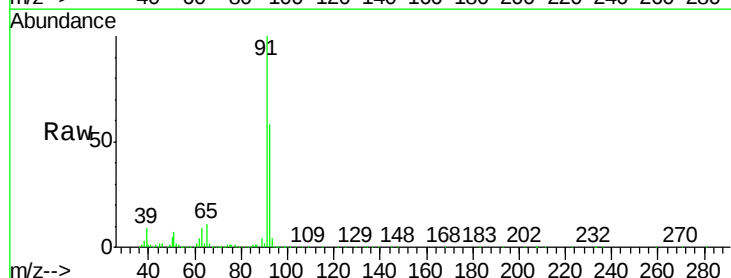
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#52  
Toluene  
Concen: 18.108 ug/l  
RT: 8.76 min Scan# 1259  
Delta R.T. -0.01 min  
Lab File: VX017743.D  
Acq: 03 Aug 2020 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 92      | 100   |       |       |
| 91      | 174.7 | 137.6 | 206.4 |





#53

t-1,3-Dichloropropene

Concen: 18.165 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

Instrument :

MSVOA\_X

ClientSampled :

VX0803WBS01

Tot Ion: 75 Resp: 176467

Ion Ratio Lower Upper

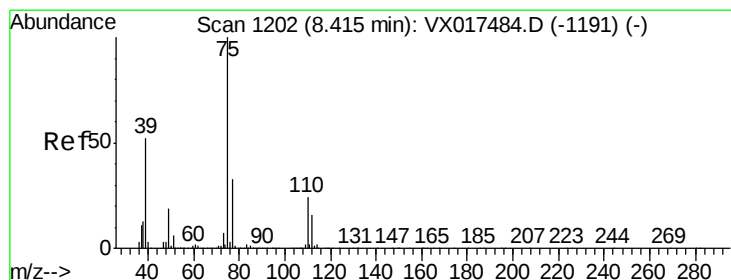
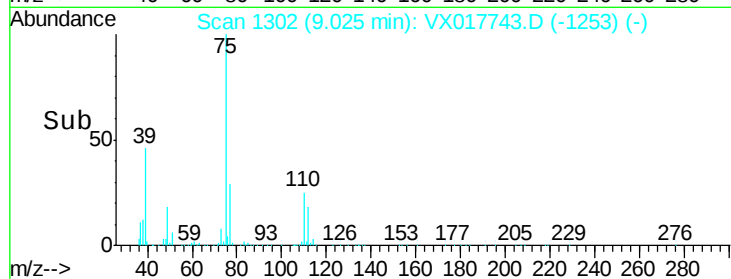
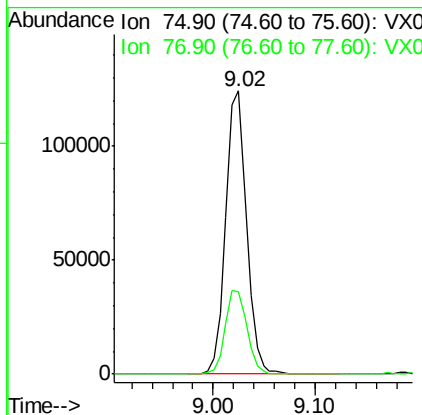
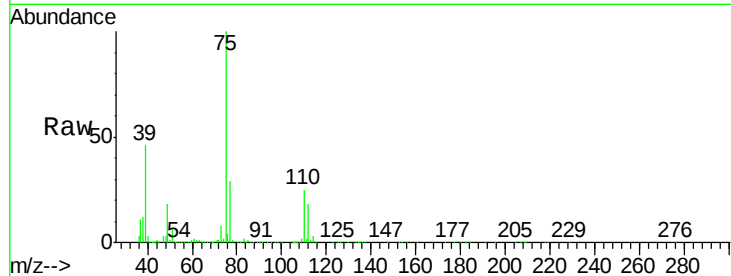
75 100

77 28.7 25.5 38.3

Manual Integrations  
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#54

cis-1,3-Dichloropropene

Concen: 17.887 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

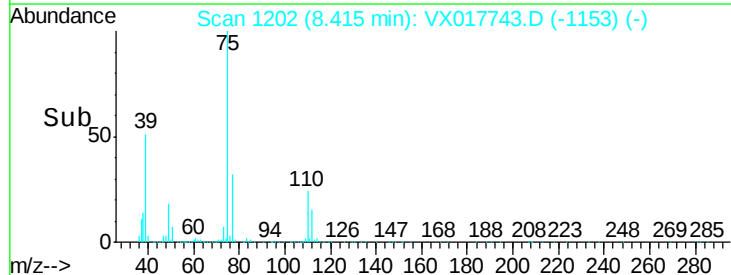
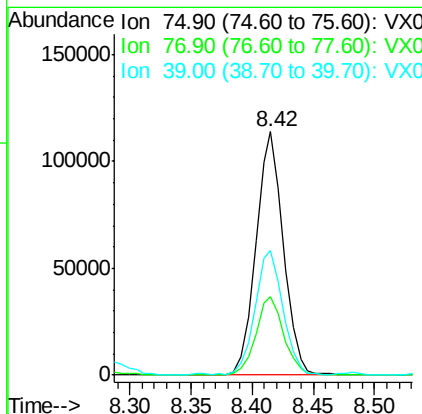
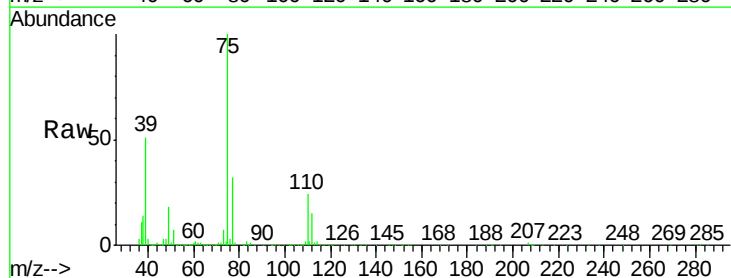
Tgt Ion: 75 Resp: 177245

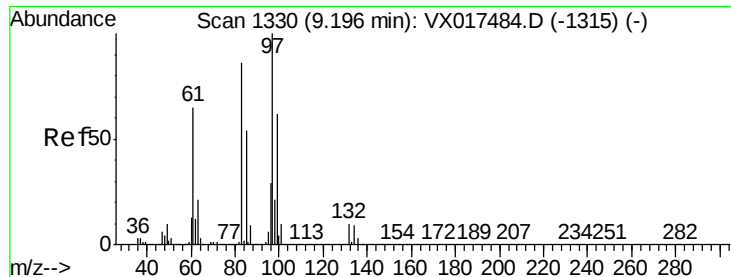
Ion Ratio Lower Upper

75 100

77 32.3 25.5 38.3

39 51.1 41.8 62.8





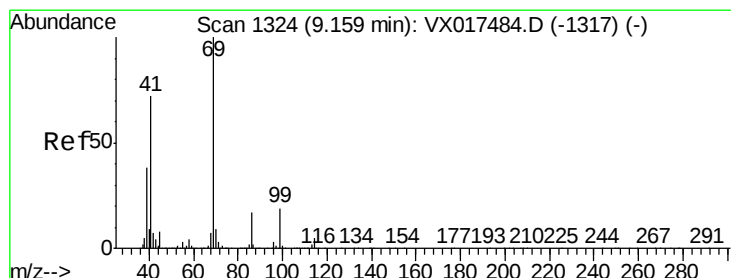
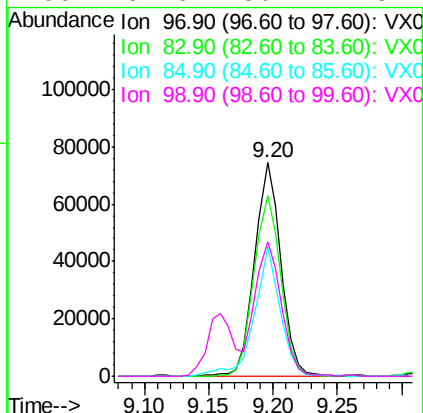
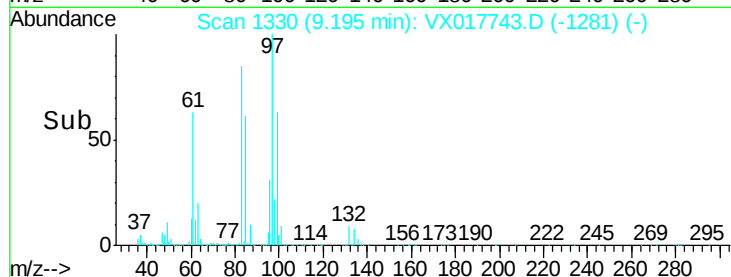
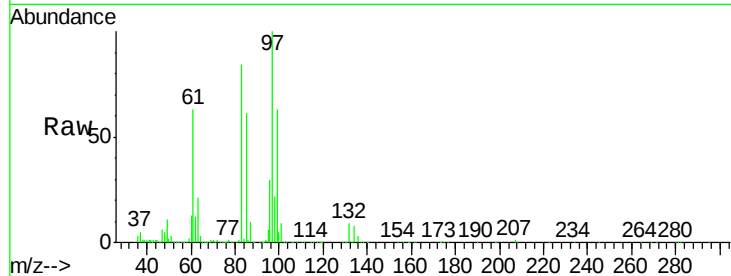
#55  
 1,1,2-Trichloroethane  
 Concen: 17.781 ug/l  
 RT: 9.20 min Scan# 1330  
 Delta R.T. -0.00 min  
 Lab File: VX017743.D  
 Acq: 03 Aug 2020 14:02

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0803WBS01

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 97      | 100  |       | 104576 |       |       |
| 83      | 84.3 | 67.6  | 101.4  |       |       |
| 85      | 60.4 | 44.6  | 67.0   |       |       |
| 99      | 62.6 | 50.2  | 75.4   |       |       |

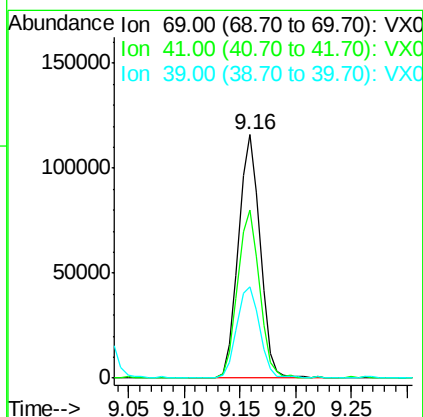
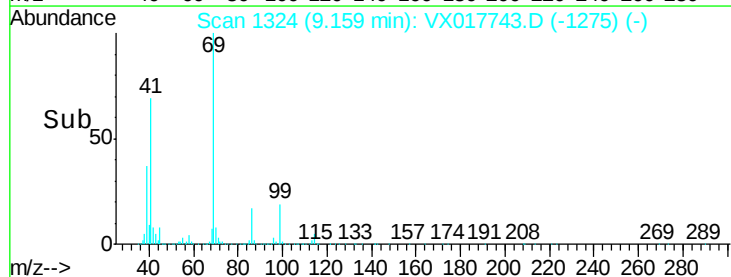
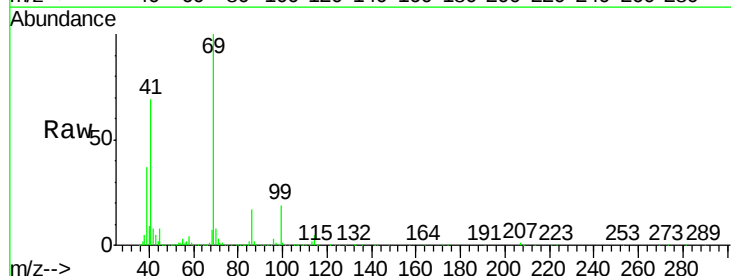
Manual Integrations  
 APPROVED

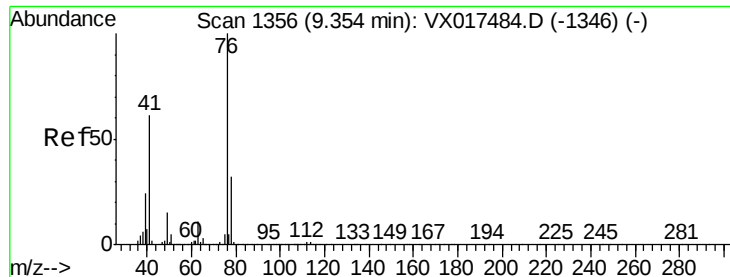
MMDadoda  
 8/4/2020 9:51:09 AM



#56  
 Ethyl methacrylate  
 Concen: 17.792 ug/l  
 RT: 9.16 min Scan# 1324  
 Delta R.T. -0.00 min  
 Lab File: VX017743.D  
 Acq: 03 Aug 2020 14:02

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 69      | 100  |       | 157656 |       |       |
| 41      | 68.8 | 55.0  | 82.6   |       |       |
| 39      | 38.9 | 30.0  | 45.0   |       |       |





#57

1,3-Dichloropropane

Concen: 18.007 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

Instrument :

MSVOA\_X

ClientSampled :

VX0803WBS01

Tot Ion: 76 Resp: 174386

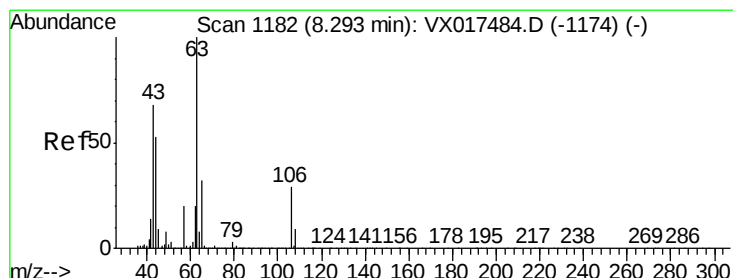
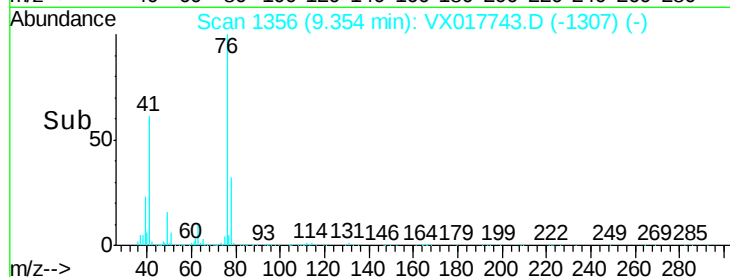
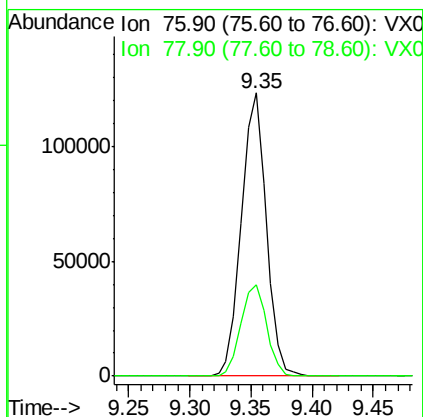
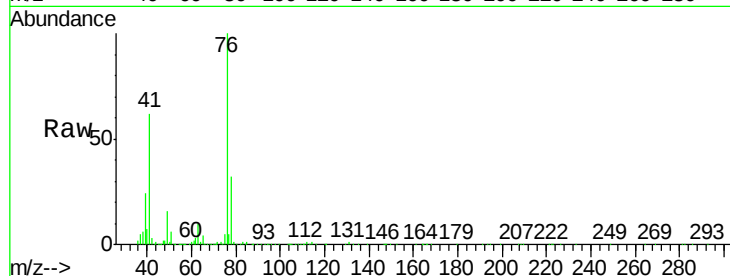
Ion Ratio Lower Upper

76 100

78 33.8 25.8 38.8

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8/4/2020 9:51:09 AM



#58

2-Chloroethyl Vinyl ether

Concen: 85.454 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX017743.D

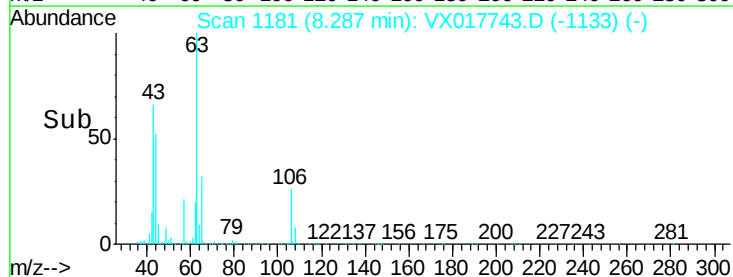
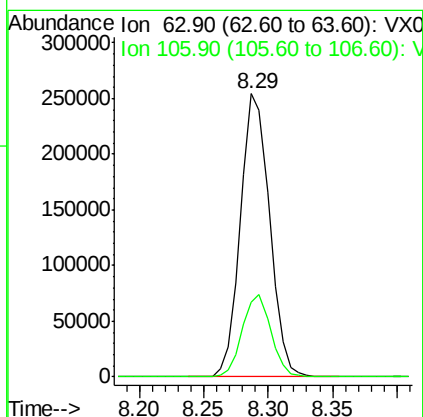
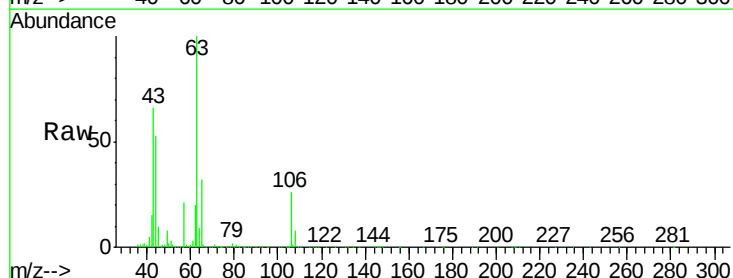
Acq: 03 Aug 2020 14:02

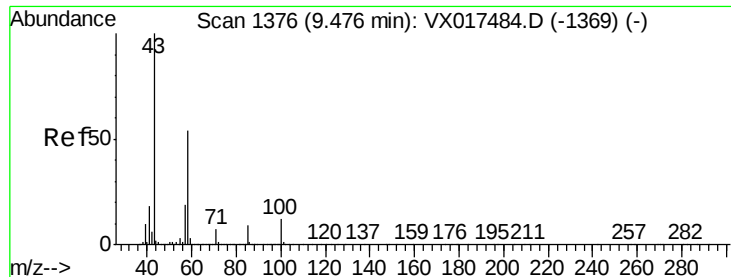
Tgt Ion: 63 Resp: 398927

Ion Ratio Lower Upper

63 100

106 28.7 22.6 34.0





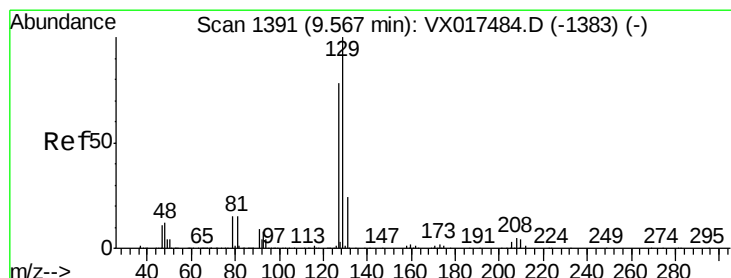
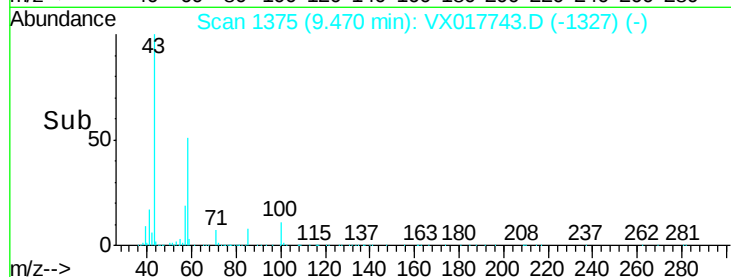
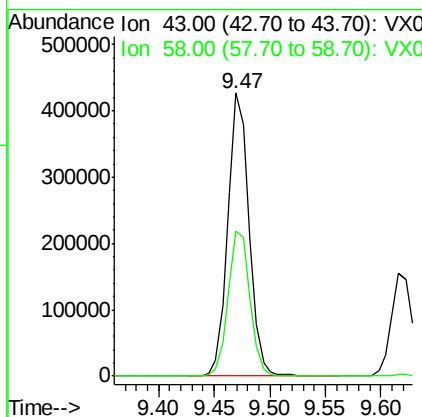
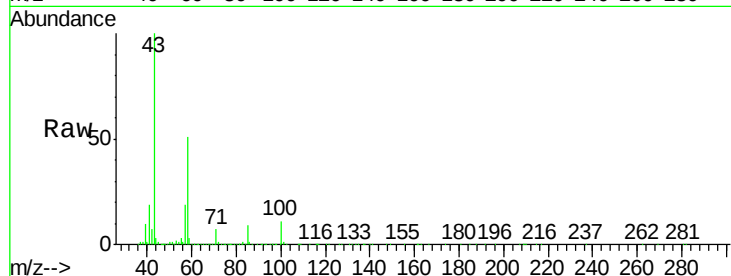
#59  
2-Hexanone  
Concen: 90.124 ug/l  
RT: 9.47 min Scan# 1375  
Delta R.T. -0.01 min  
Lab File: VX017743.D  
Acq: 03 Aug 2020 14:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0803WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 53.0  | 26.6  | 79.8  |

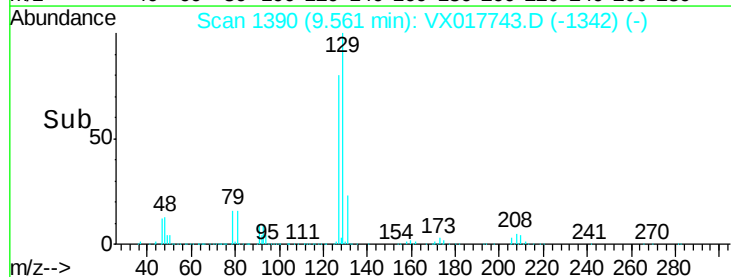
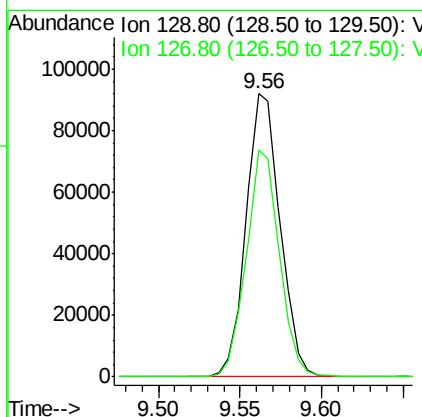
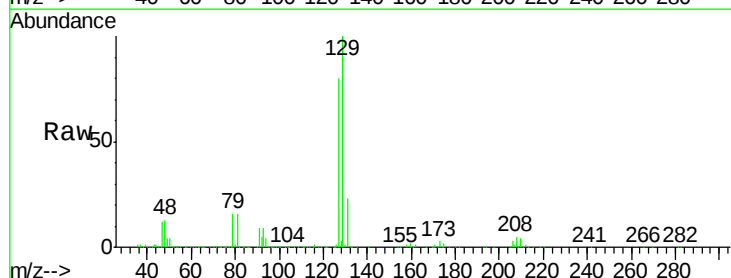
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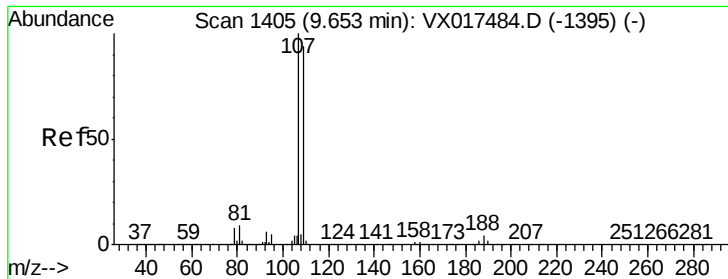
MMDadoda  
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#60  
Dibromochloromethane  
Concen: 17.925 ug/l  
RT: 9.56 min Scan# 1390  
Delta R.T. -0.01 min  
Lab File: VX017743.D  
Acq: 03 Aug 2020 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 100   |       |       |
| 127     | 78.5  | 38.4  | 115.1 |





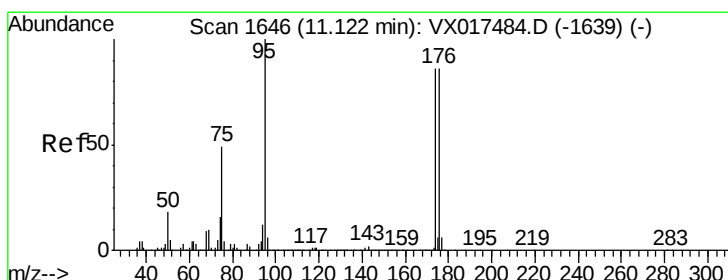
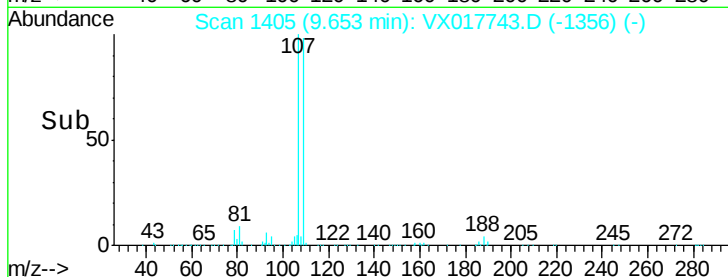
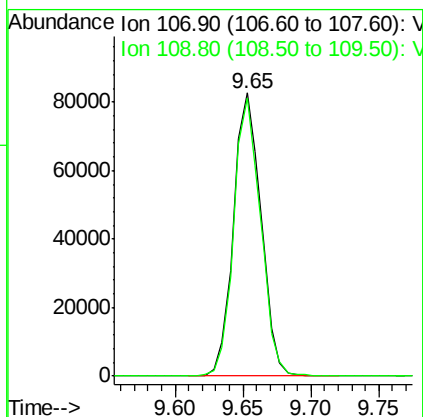
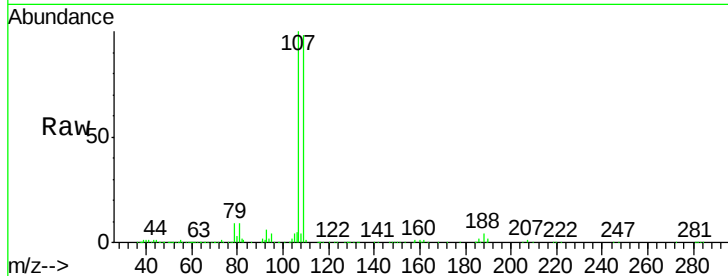
#61  
 1,2-Dibromoethane  
 Concen: 18.601 ug/l  
 RT: 9.65 min Scan# 1405  
 Delta R.T. -0.00 min  
 Lab File: VX017743.D  
 Acq: 03 Aug 2020 14:02

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0803WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 116477 |       |       |
| 109     | 96.4  | 74.9   | 112.3 |       |

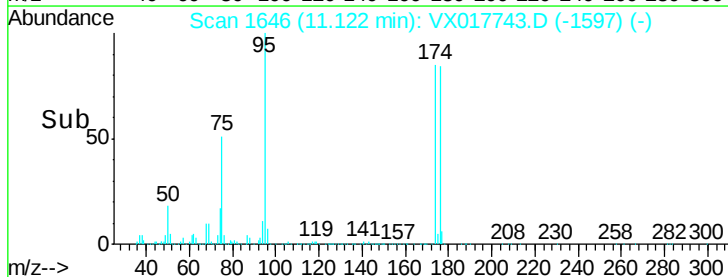
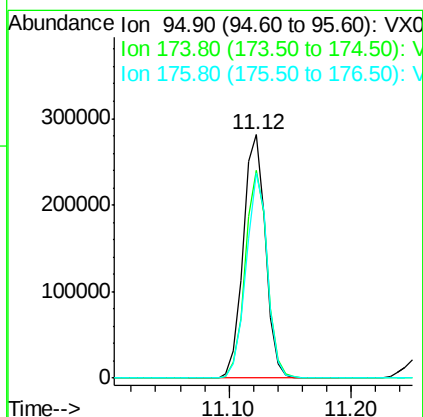
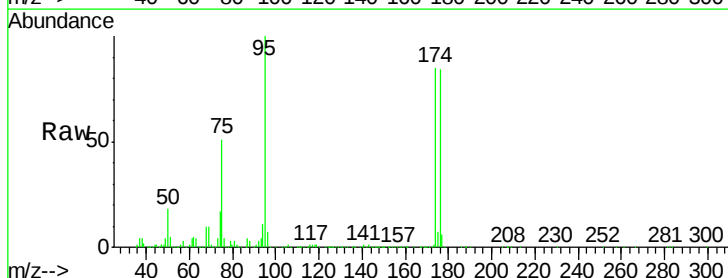
Manual Integrations  
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 8/4/2020 9:51:09 AM



#62  
 4-Bromofluorobenzene  
 Concen: 45.624 ug/l  
 RT: 11.12 min Scan# 1646  
 Delta R.T. -0.00 min  
 Lab File: VX017743.D  
 Acq: 03 Aug 2020 14:02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 95      | 100   | 352707 |       |       |
| 174     | 84.4  | 0.0    | 169.0 |       |
| 176     | 81.2  | 0.0    | 161.0 |       |





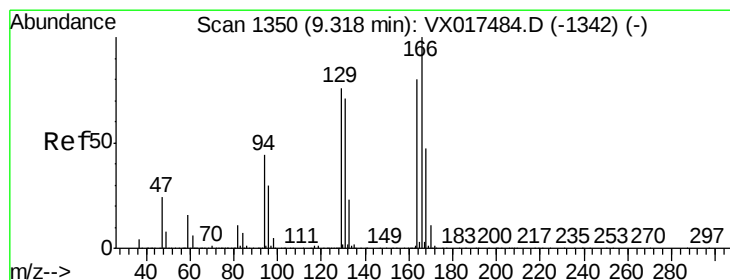
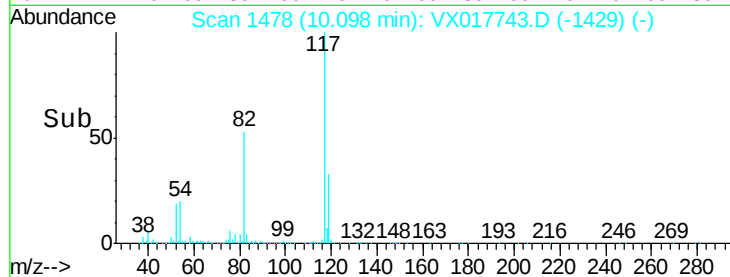
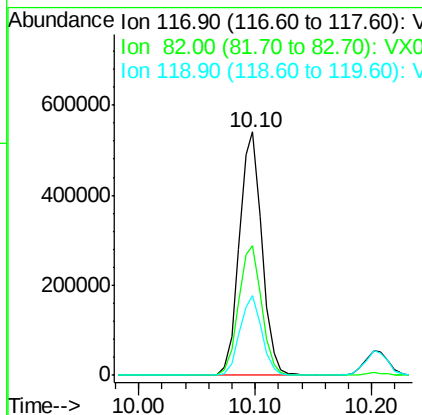
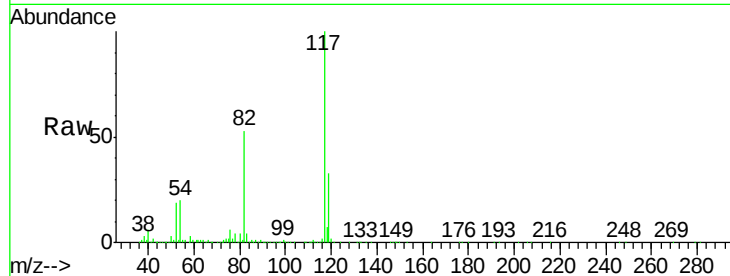
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. -0.00 min  
Lab File: VX017743.D  
Acq: 03 Aug 2020 14:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0803WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 728141 |       |       |
| 82      | 53.4  | 44.0   | 66.0  |       |
| 119     | 32.7  | 25.4   | 38.0  |       |

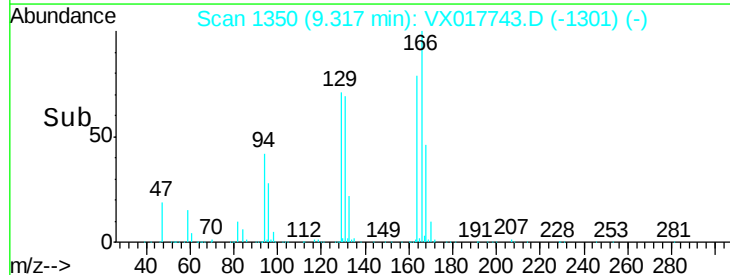
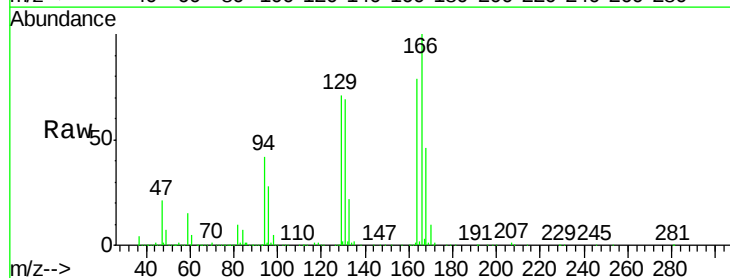
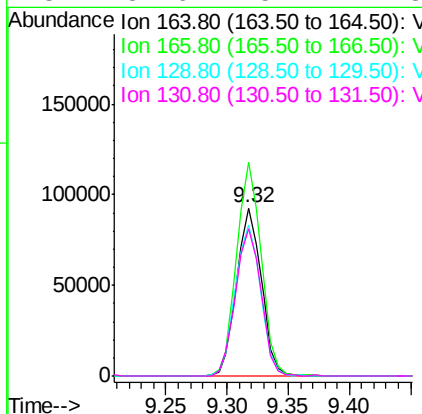
Manual Integrations  
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8/4/2020 9:51:09 AM



#64  
Tetrachloroethene  
Concen: 19.922 ug/l  
RT: 9.32 min Scan# 1350  
Delta R.T. -0.00 min  
Lab File: VX017743.D  
Acq: 03 Aug 2020 14:02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 130197 |       |       |
| 166     | 127.3 | 100.6  | 150.8 |       |
| 129     | 89.9  | 75.0   | 112.6 |       |
| 131     | 87.6  | 75.2   | 112.8 |       |





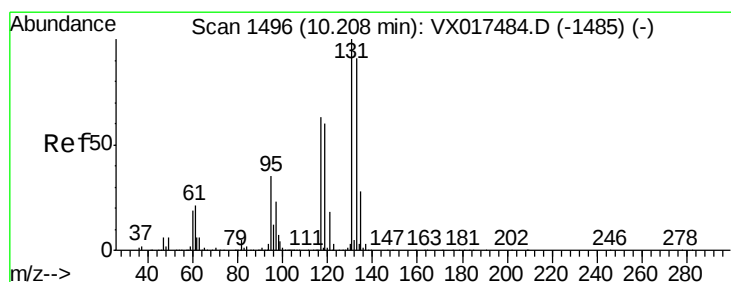
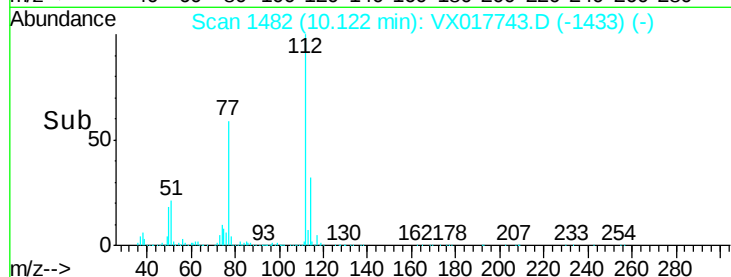
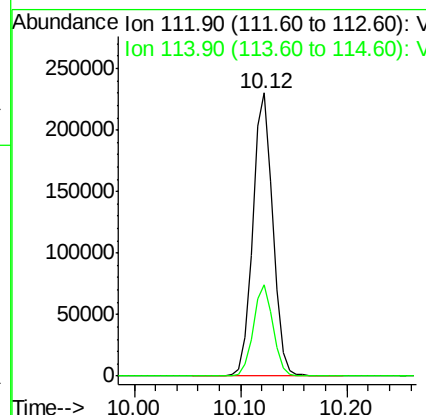
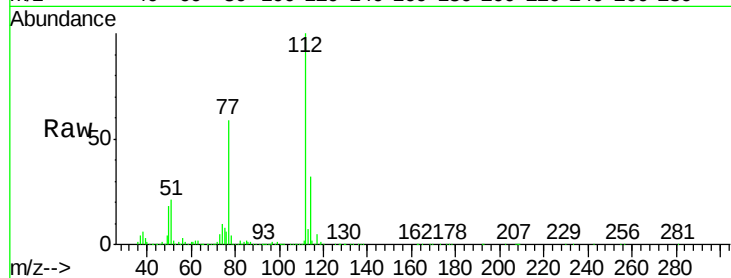
#65  
Chlorobenzene  
Concen: 19.239 ug/l  
RT: 10.12 min Scan# 1482  
Delta R.T. -0.00 min  
Lab File: VX017743.D  
Acq: 03 Aug 2020 14:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0803WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 32.3  | 25.7  | 38.5  |

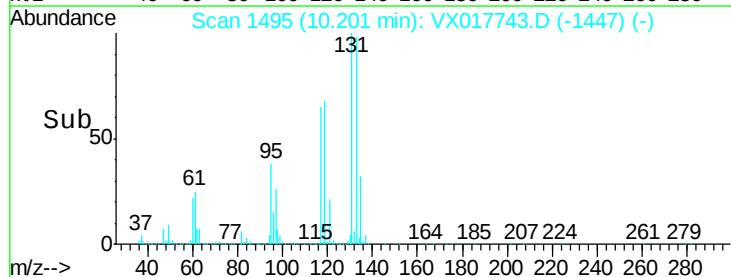
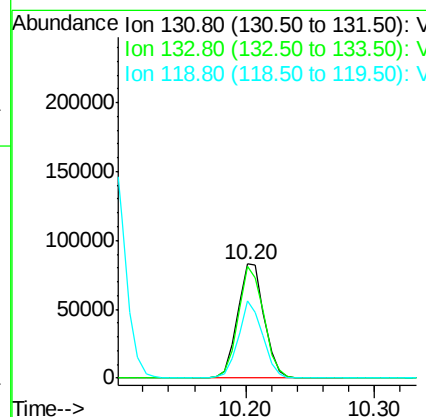
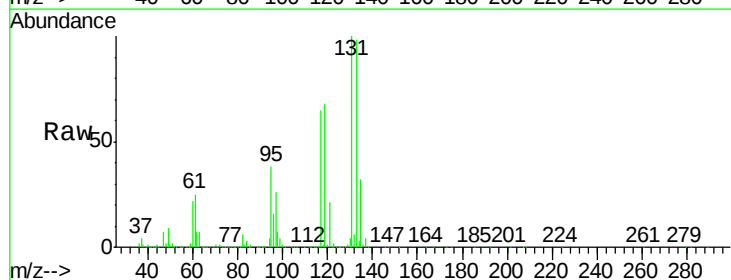
Manual Integrations  
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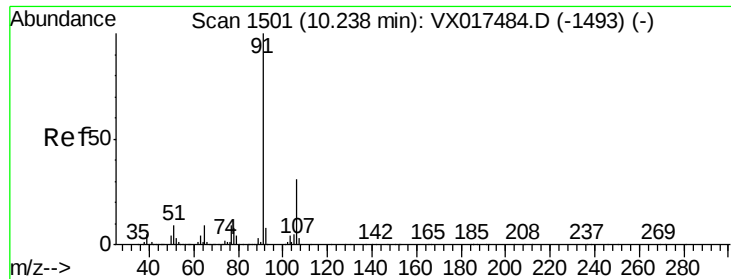
MMDadoda  
8/4/2020 9:51:09 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.747 ug/l  
RT: 10.20 min Scan# 1495  
Delta R.T. -0.01 min  
Lab File: VX017743.D  
Acq: 03 Aug 2020 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 94.3  | 47.9  | 143.6 |
| 119     | 61.9  | 31.1  | 93.3  |





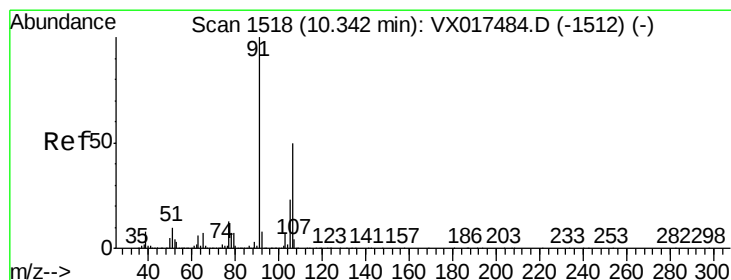
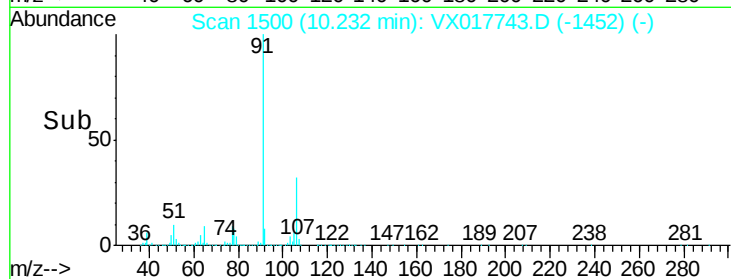
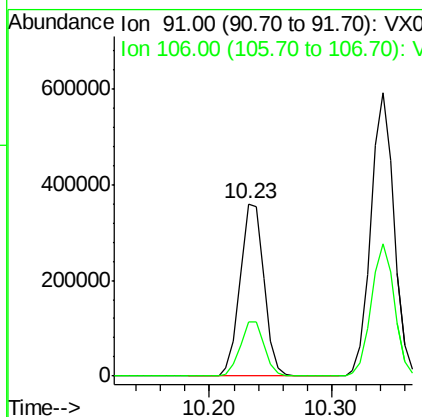
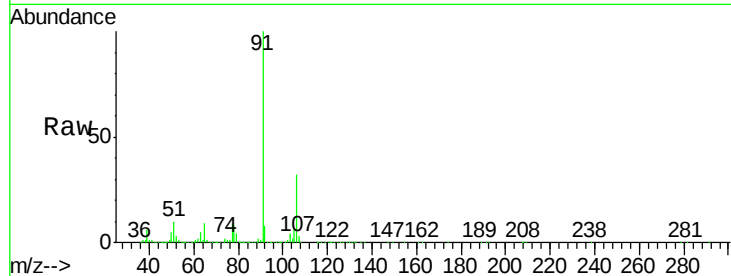
#67  
Ethyl Benzene  
Concen: 18.496 ug/l  
RT: 10.23 min Scan# 1500  
Delta R.T. -0.01 min  
Lab File: VX017743.D  
Acq: 03 Aug 2020 14:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0803WBS01

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 91      | 100  |       |       |       |
| 106     | 31.5 | 25.8  | 38.6  |       |

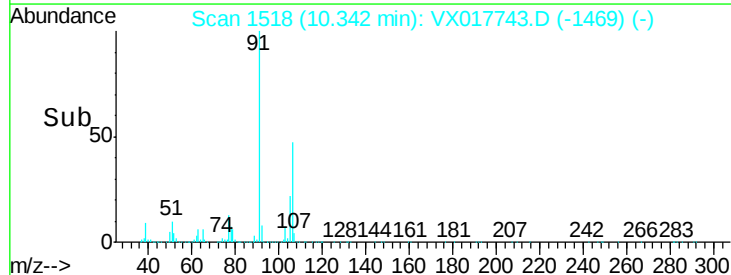
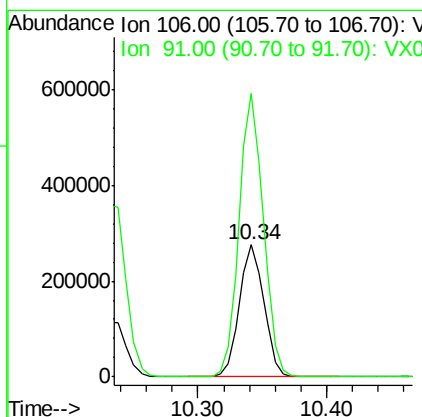
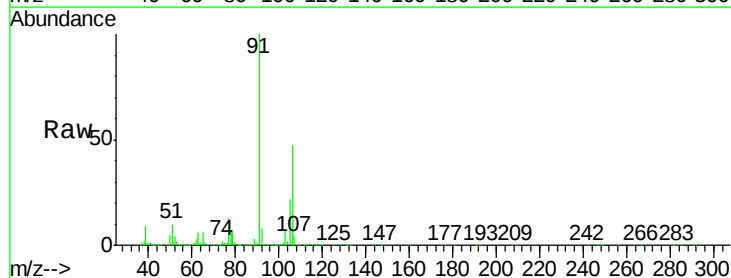
Manual Integrations  
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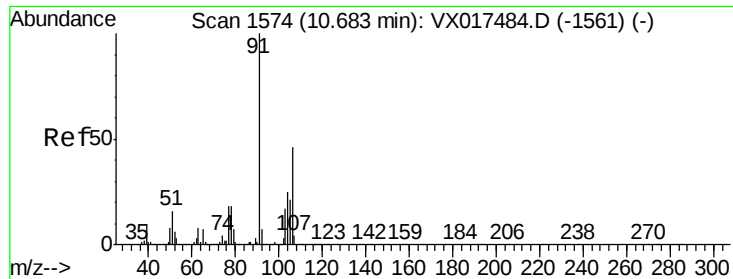
MMDadoda  
8/4/2020 9:51:09 AM



#68  
m/p-Xylenes  
Concen: 35.885 ug/l  
RT: 10.34 min Scan# 1518  
Delta R.T. -0.00 min  
Lab File: VX017743.D  
Acq: 03 Aug 2020 14:02

| Tgt Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 106     | 100   |       |       |       |
| 91      | 210.9 | 160.9 | 241.3 |       |





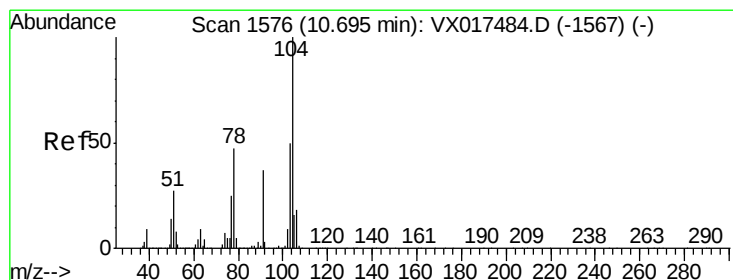
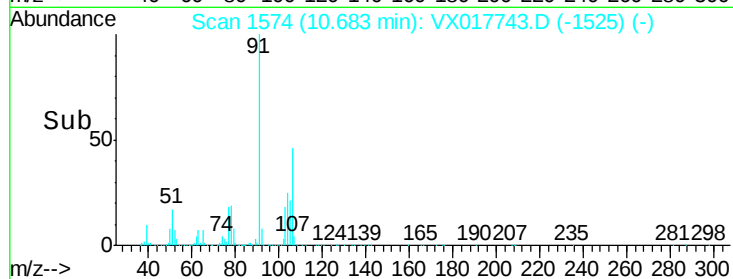
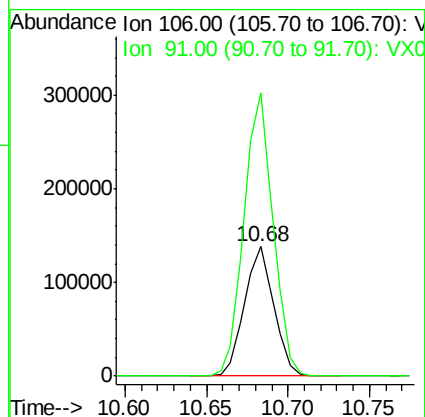
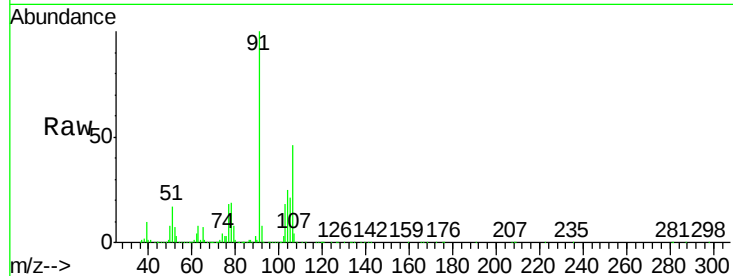
#69  
o-Xylene  
Concen: 17.775 ug/l  
RT: 10.68 min Scan# 1574  
Delta R.T. -0.00 min  
Lab File: VX017743.D  
Acq: 03 Aug 2020 14:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0803WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 217.4 | 108.2 | 324.6 |

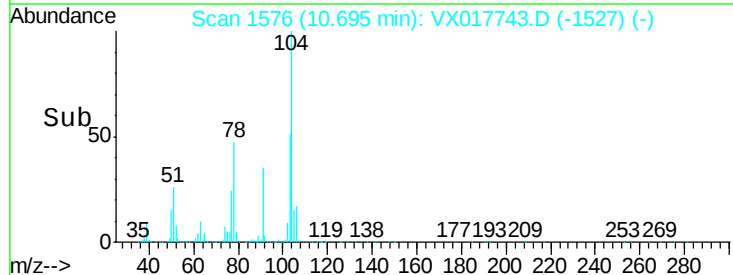
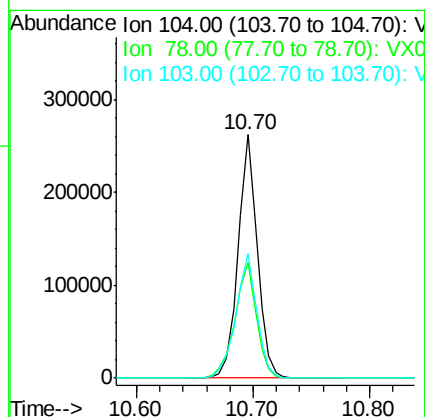
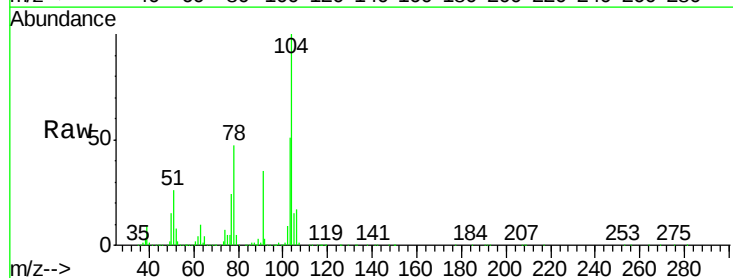
Manual Integrations  
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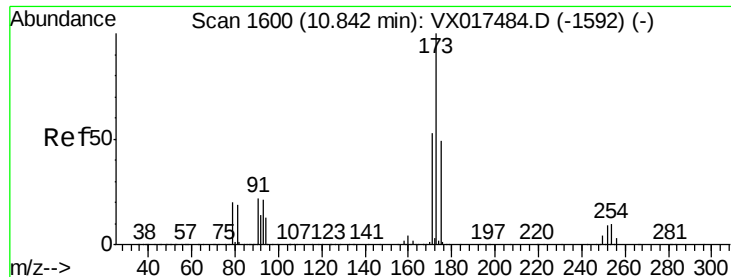
MMDadoda  
8/4/2020 9:51:09 AM



#70  
Styrene  
Concen: 18.215 ug/l  
RT: 10.70 min Scan# 1576  
Delta R.T. -0.00 min  
Lab File: VX017743.D  
Acq: 03 Aug 2020 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 53.4  | 42.5  | 63.7  |
| 103     | 55.6  | 44.3  | 66.5  |





#71

Bromoform

Concen: 18.612 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

Instrument :

MSVOA\_X

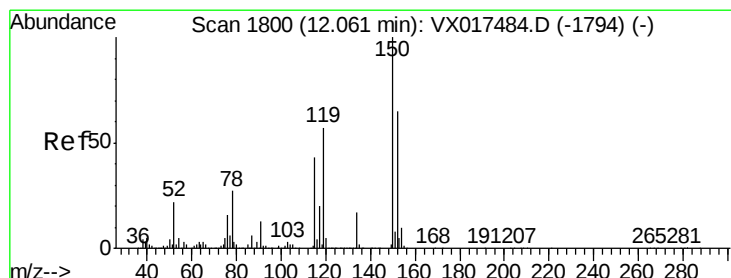
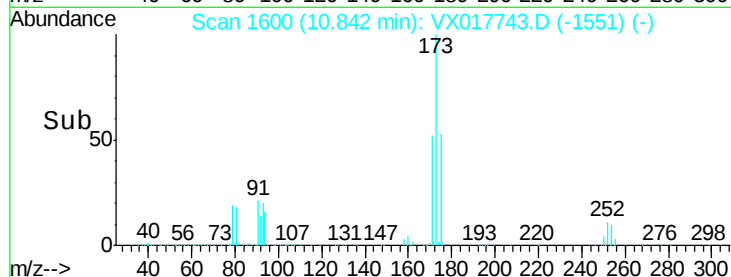
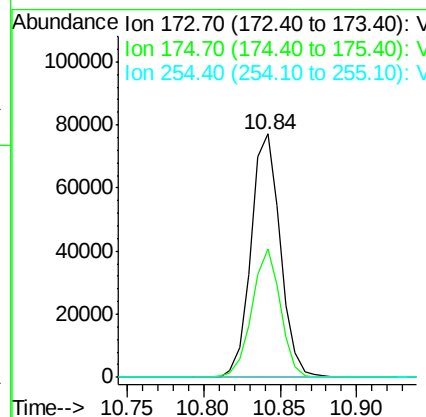
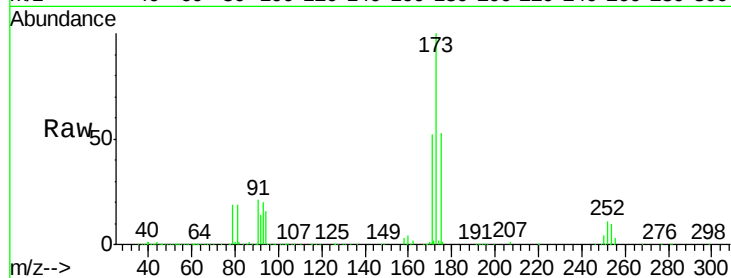
ClientSampled :

VX0803WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 173   | Resp: | 102571 |
| Ion Ratio | Lower | Upper |        |
| 173       | 100   |       |        |
| 175       | 51.4  | 23.8  | 71.5   |
| 254       | 0.1   | 0.1   | 0.1    |

Manual Integrations  
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8/4/2020 9:51:09 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

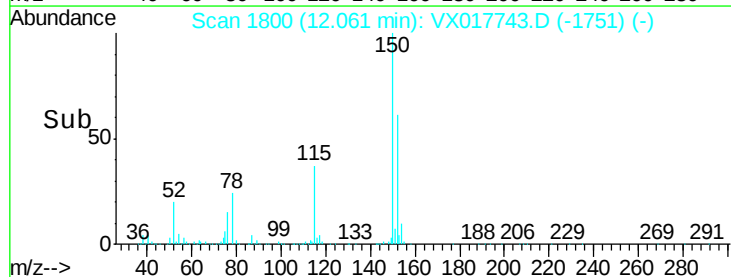
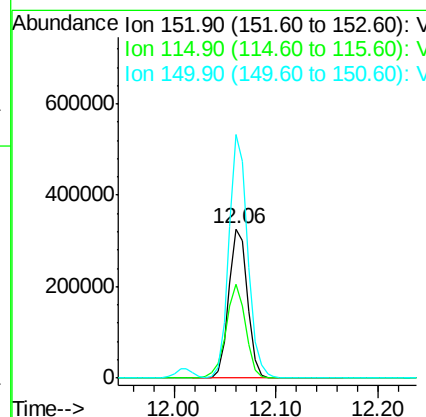
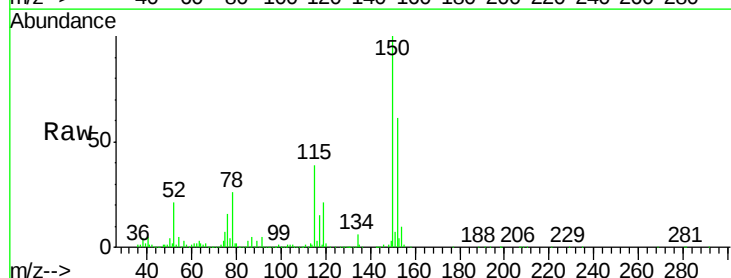
RT: 12.06 min Scan# 1800

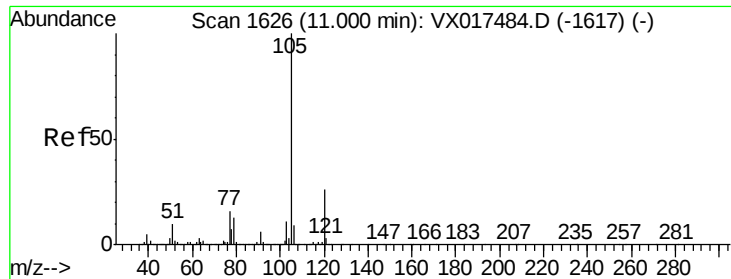
Delta R.T. -0.00 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 412609 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 66.4  | 65.5  | 196.6  |
| 150       | 164.3 | 0.0   | 412.6  |





#73

Isopropylbenzene

Concen: 17.392 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

Instrument :

MSVOA\_X

ClientSampleId :

VX0803WBS01

Tot Ion:105 Resp: 492294

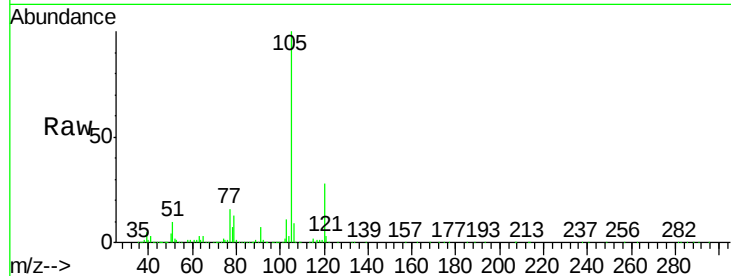
Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.8

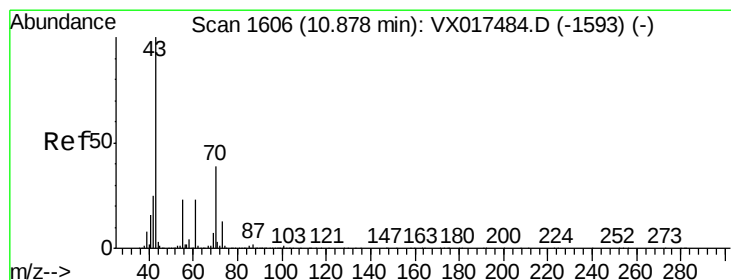
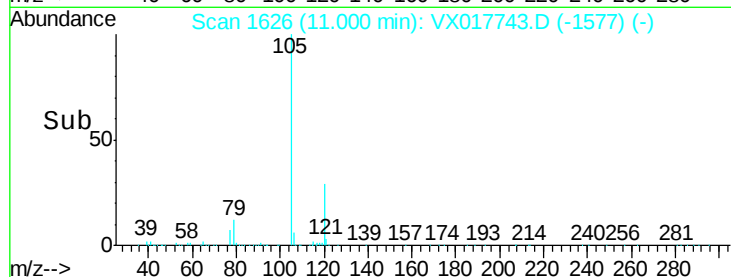
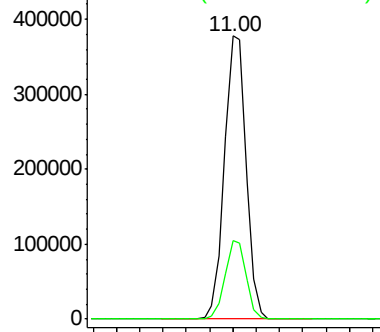
Manual Integrations  
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8/4/2020 9:51:09 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.122 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

Tgt Ion: 43 Resp: 202753

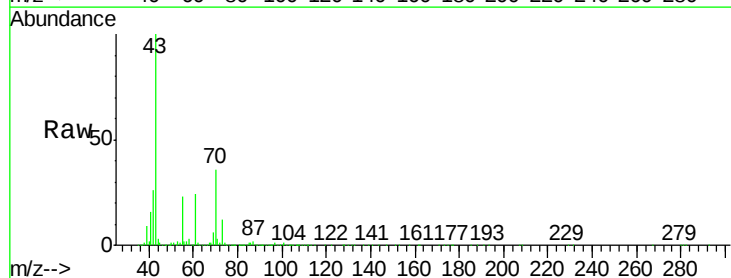
Ion Ratio Lower Upper

43 100

70 40.0 32.3 48.5

55 24.0 18.4 27.6

61 23.9 18.6 28.0

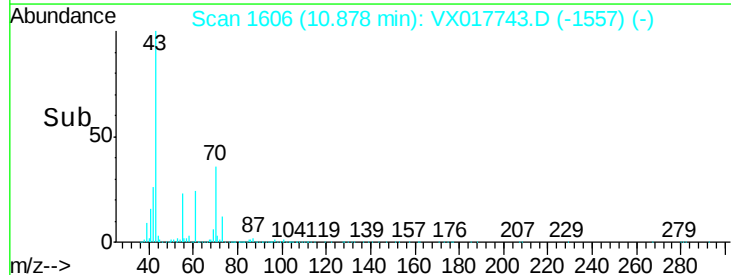
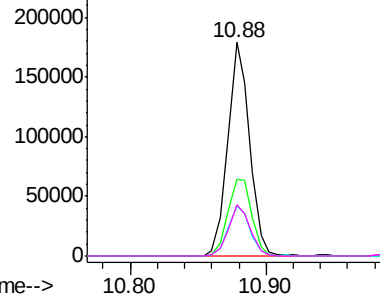


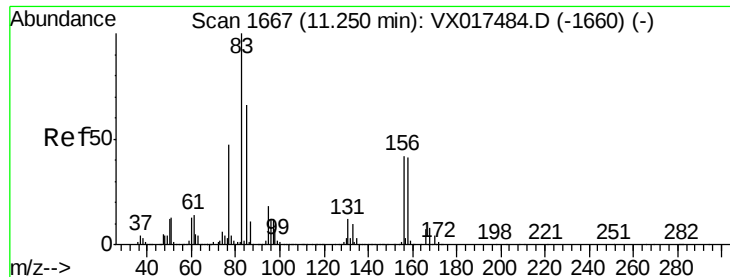
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 18.764 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

Instrument :

MSVOA\_X

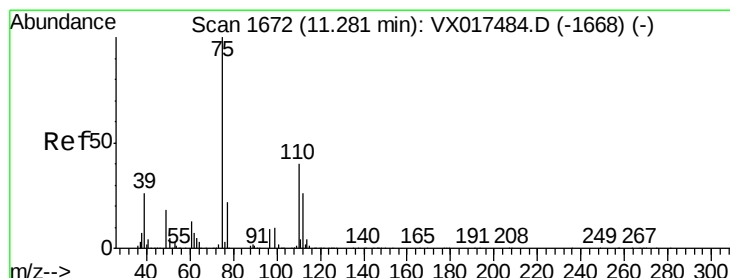
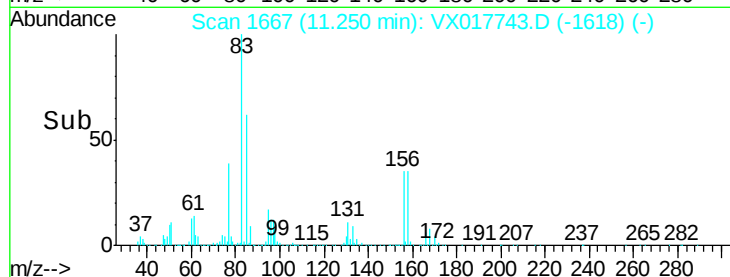
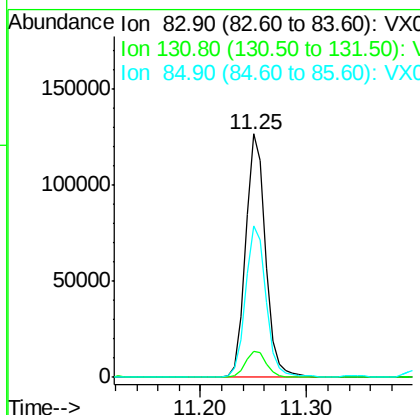
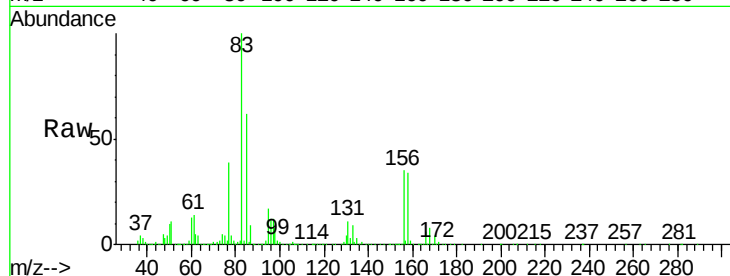
ClientSampleId :

VX0803WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 165786 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 11.4  | 5.5   | 16.5   |
| 85        | 64.6  | 32.1  | 96.3   |

Manual Integrations  
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8/4/2020 9:51:09 AM



#76

1,2,3-Trichloropropane

Concen: 19.490 ug/l m

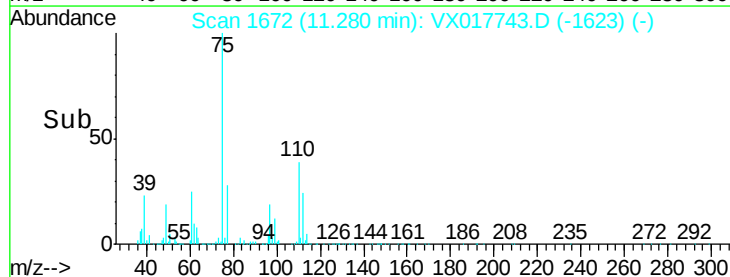
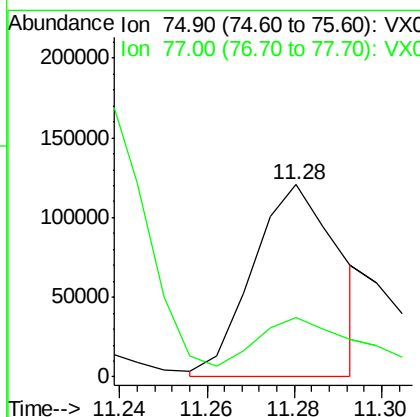
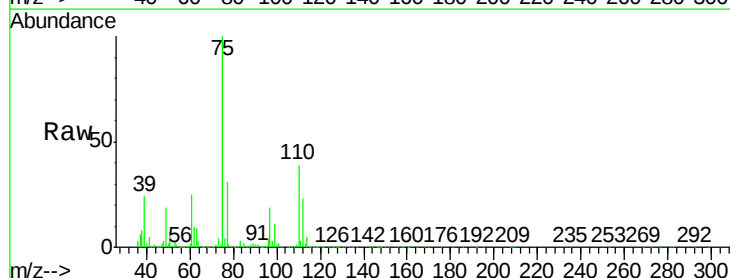
RT: 11.28 min Scan# 1672

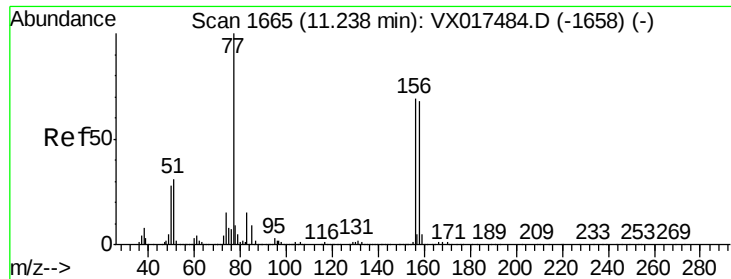
Delta R.T. -0.00 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 165424 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 39.2  | 21.8  | 65.3   |





#77

Bromobenzene

Concen: 18.897 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

Instrument :

MSVOA\_X

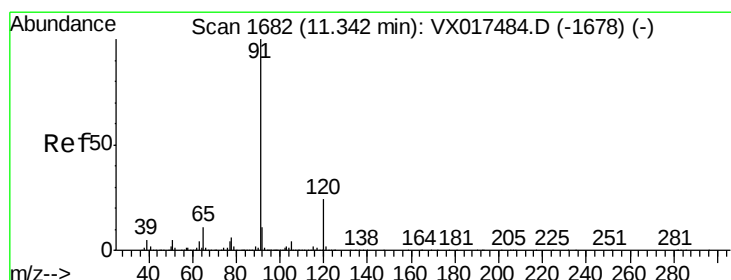
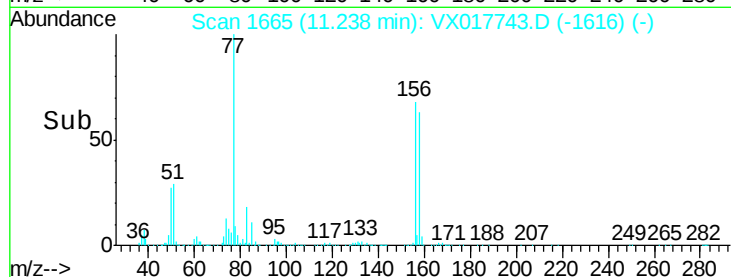
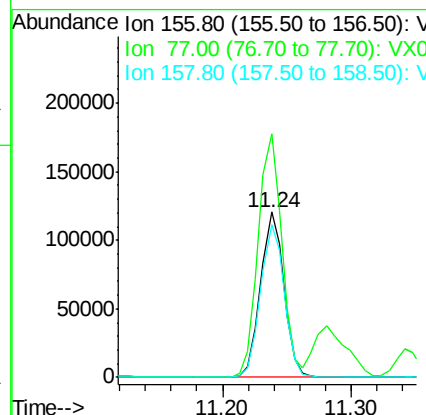
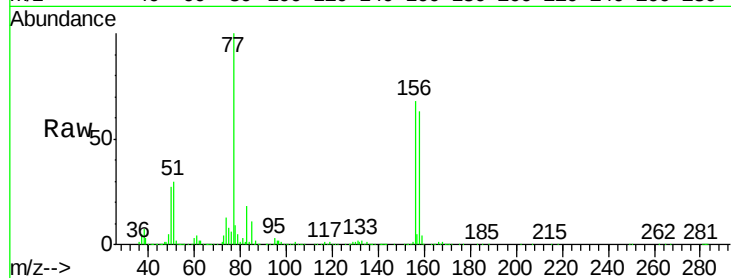
ClientSampleId :

VX0803WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 149745 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 149.3 | 75.0  | 225.0  |
| 158       | 94.1  | 49.1  | 147.3  |

Manual Integrations  
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8/4/2020 9:51:09 AM



#78

n-propylbenzene

Concen: 19.274 ug/l

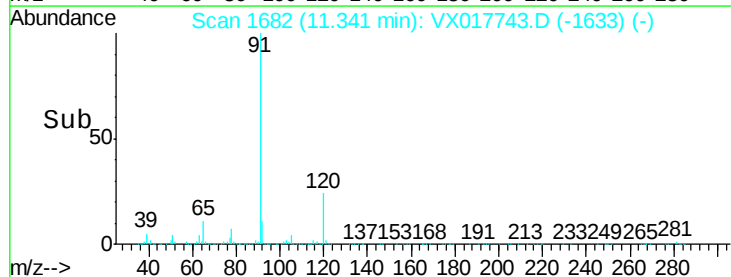
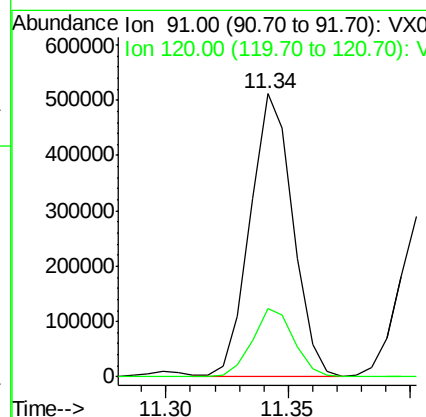
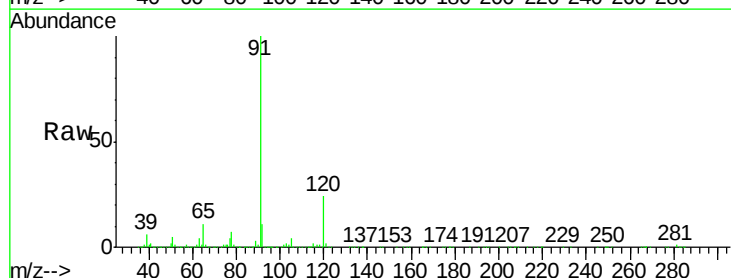
RT: 11.34 min Scan# 1682

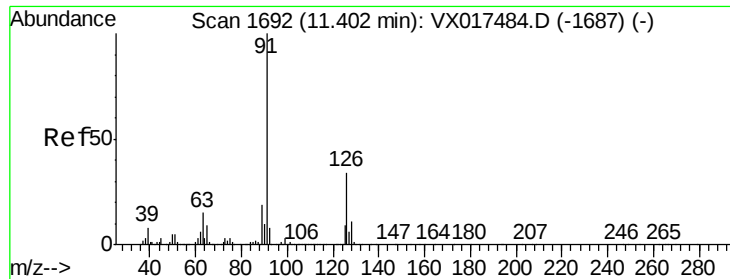
Delta R.T. -0.00 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 615302 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 23.8  | 12.2  | 36.4   |





#79

2-Chlorotoluene

Concen: 18.695 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

Instrument :

MSVOA\_X

ClientSampleId :

VX0803WBS01

Tot Ion: 91 Resp: 369716

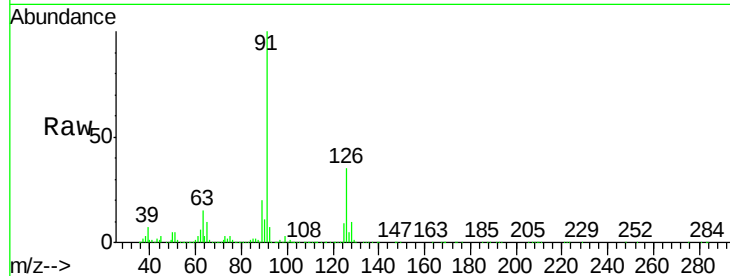
Ion Ratio Lower Upper

91 100

126 34.5 17.5 52.5

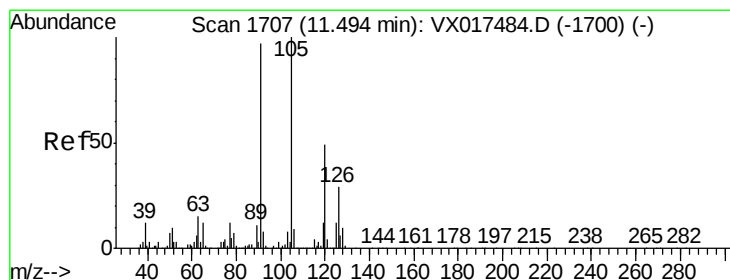
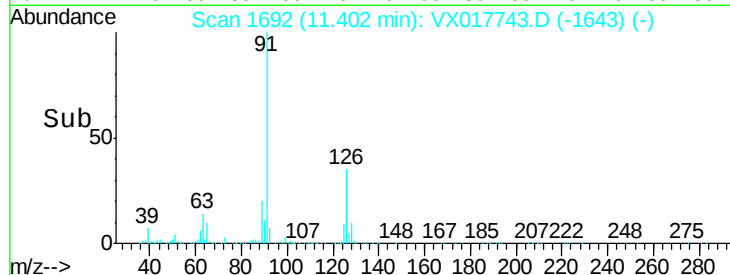
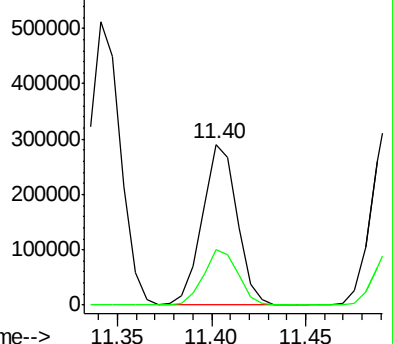
Manual Integrations  
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Abundance Ion 91.00 (90.70 to 91.70): VX017743.D (-1643) (-)

Ion 125.90 (125.60 to 126.60): VX017743.D (-1643) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.967 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017743.D

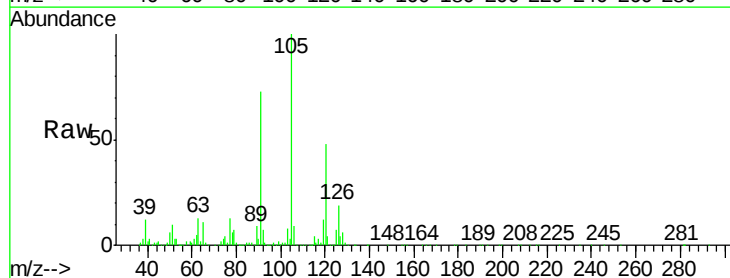
Acq: 03 Aug 2020 14:02

Tgt Ion: 105 Resp: 458387

Ion Ratio Lower Upper

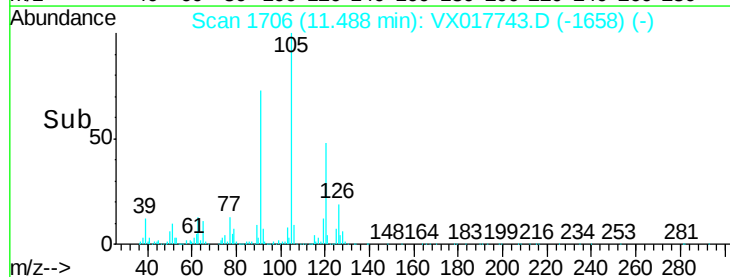
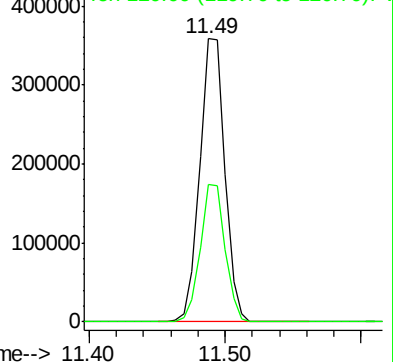
105 100

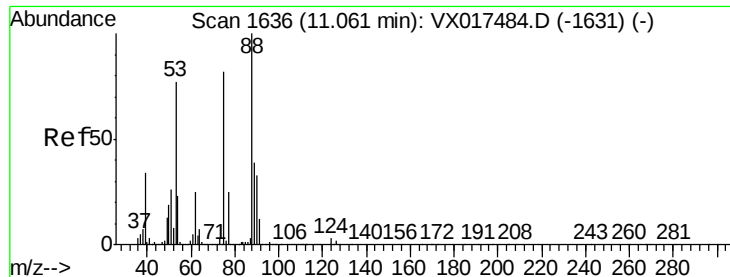
120 48.0 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX017743.D (-1658) (-)

Ion 120.00 (119.70 to 120.70): VX017743.D (-1658) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.810 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

Instrument :

MSVOA\_X

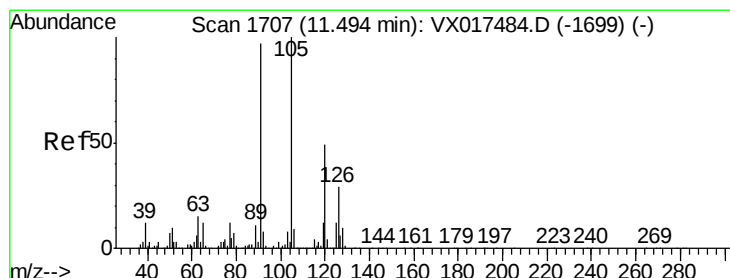
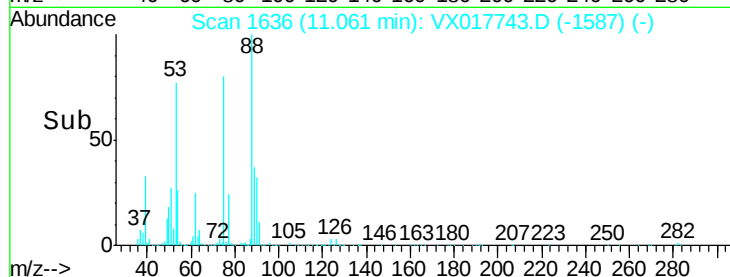
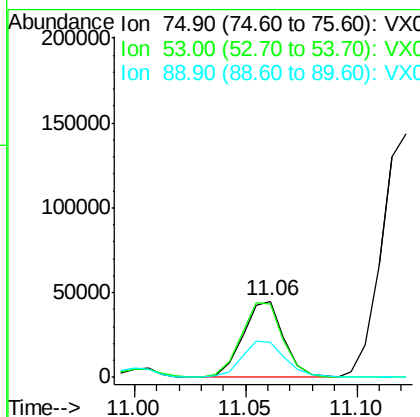
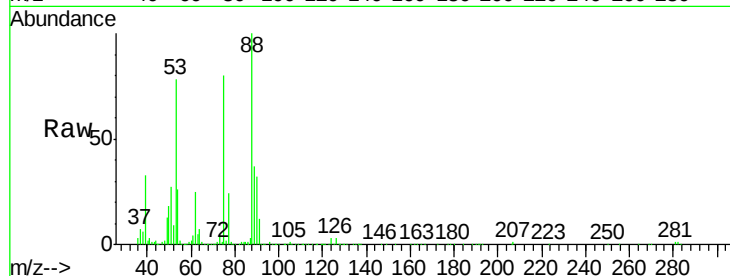
ClientSampleId :

VX0803WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 75    | Resp: | 56621 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 53        | 101.4 | 75.9  | 113.9 |
| 89        | 51.8  | 37.8  | 56.6  |

Manual Integrations  
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8/4/2020 9:51:09 AM



#82

4-Chlorotoluene

Concen: 18.710 ug/l

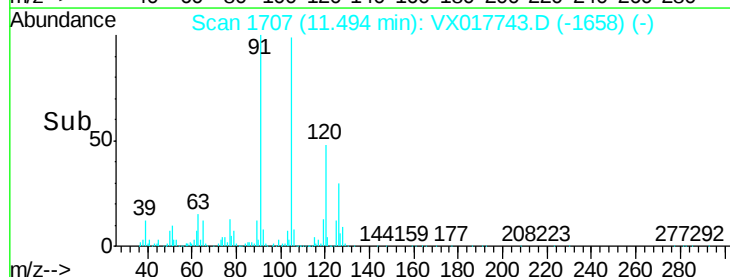
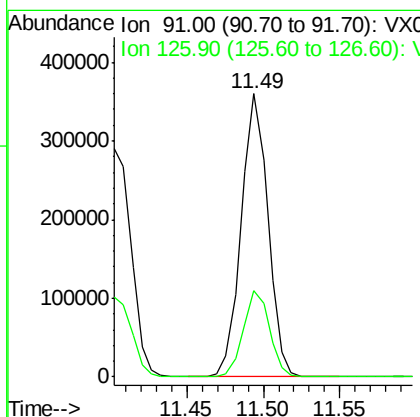
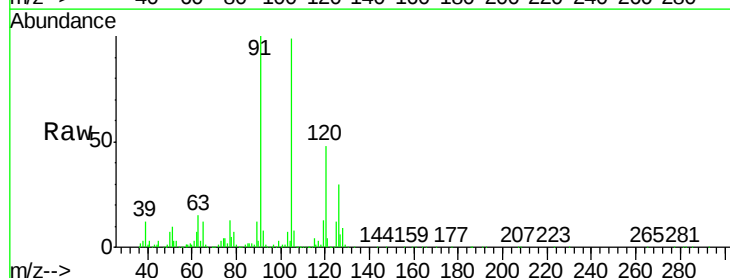
RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 436453 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 126       | 30.1  | 15.2  | 45.6   |





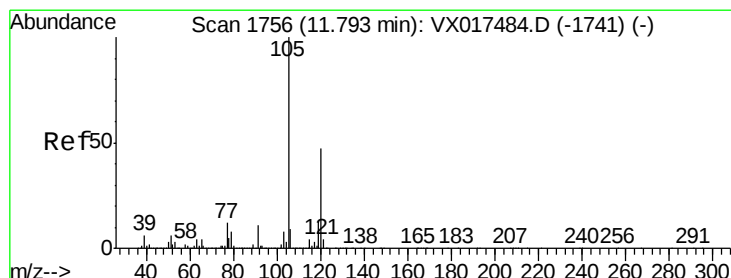
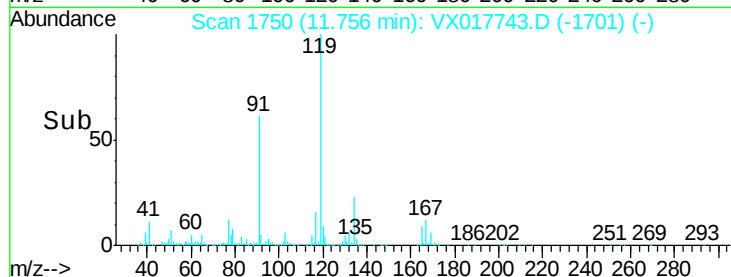
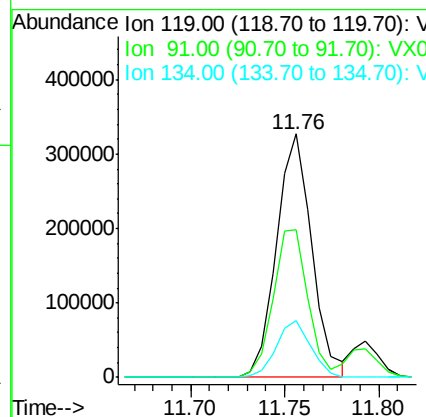
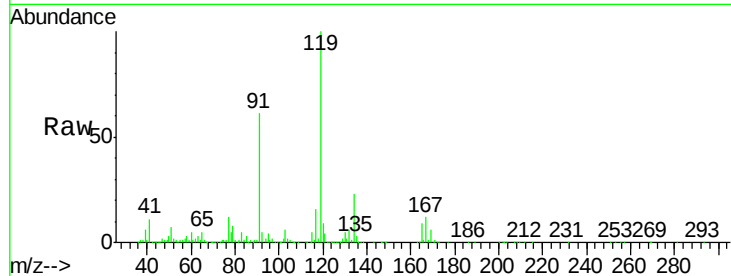
#83  
tert-Butylbenzene  
Concen: 18.381 ug/l  
RT: 11.76 min Scan# 1750  
Delta R.T. -0.00 min  
Lab File: VX017743.D  
Acq: 03 Aug 2020 14:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0803WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 425064 |       |       |
| 91      | 59.5  | 29.3   | 88.0  |       |
| 134     | 22.7  | 11.2   | 33.6  |       |

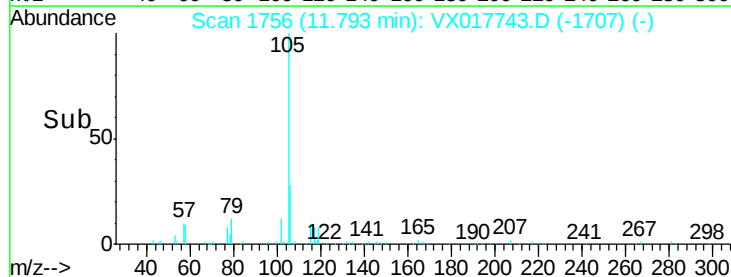
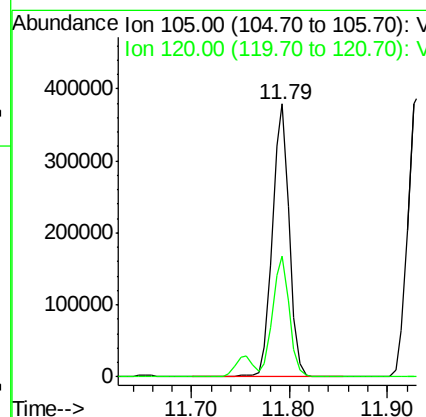
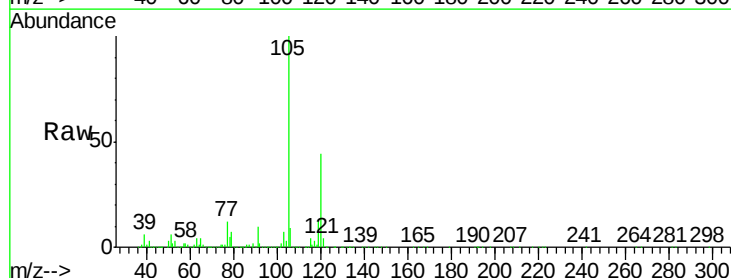
Manual Integrations  
APPROVED

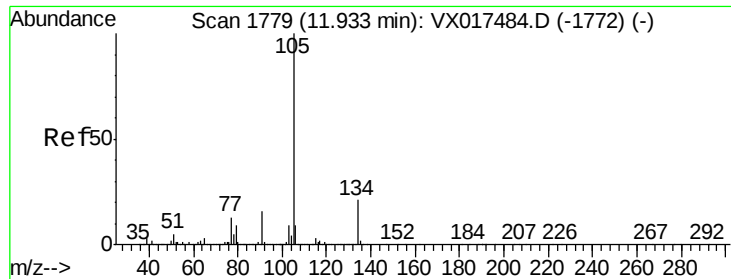
MMDadoda  
8/4/2020 9:51:09 AM



#84  
1,2,4-Trimethylbenzene  
Concen: 19.140 ug/l  
RT: 11.79 min Scan# 1756  
Delta R.T. -0.00 min  
Lab File: VX017743.D  
Acq: 03 Aug 2020 14:02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 460092 |       |       |
| 120     | 43.9  | 22.7   | 68.0  |       |





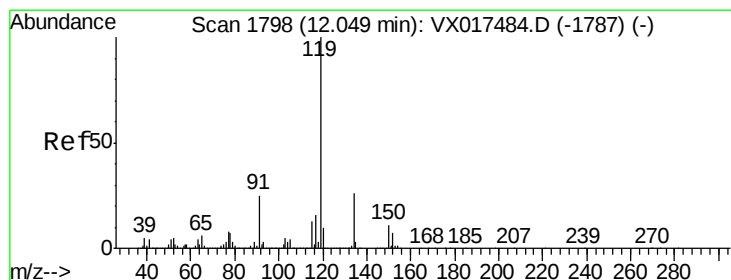
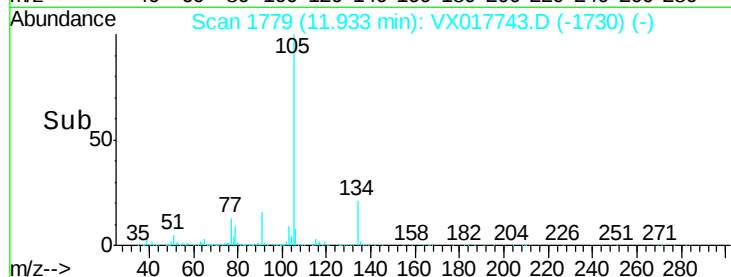
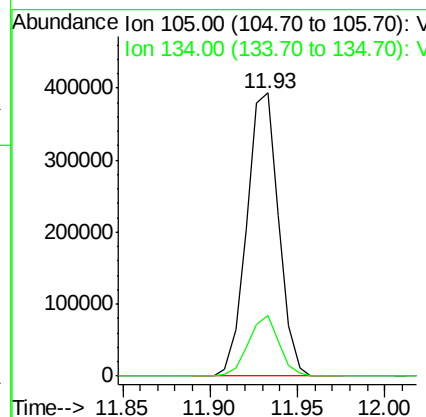
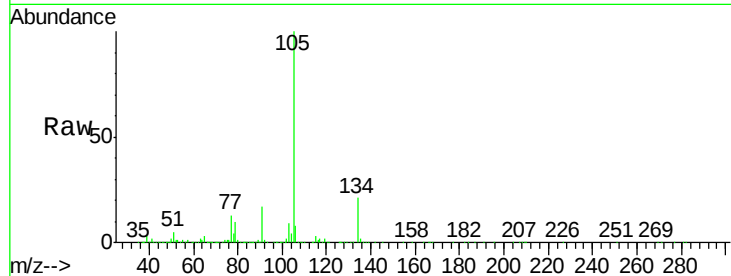
#85  
 sec-Butylbenzene  
 Concen: 18.401 ug/l  
 RT: 11.93 min Scan# 1779  
 Delta R.T. -0.00 min  
 Lab File: VX017743.D  
 Acq: 03 Aug 2020 14:02

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0803WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 134     | 20.5  | 10.4  | 31.2  |

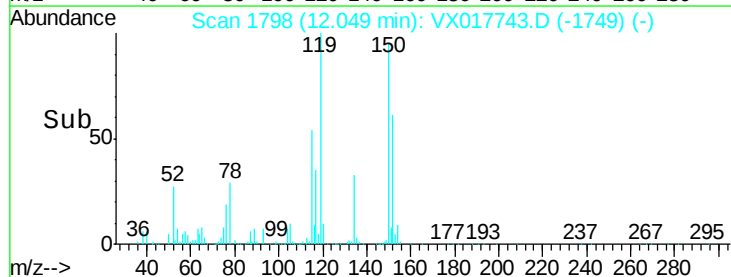
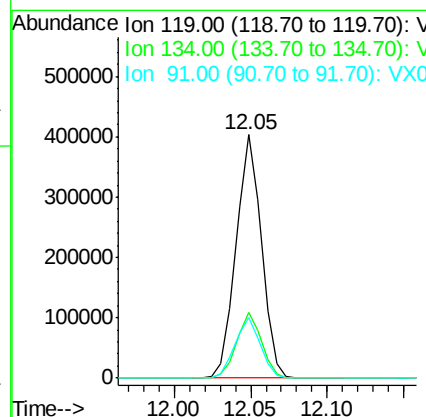
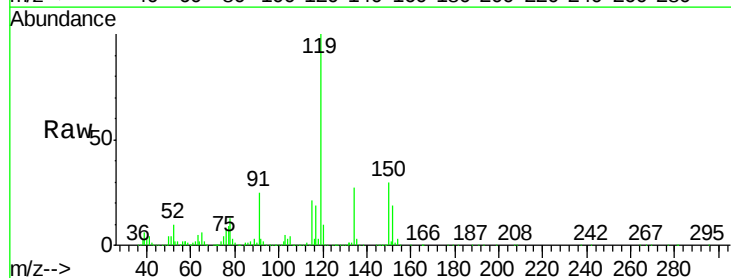
Manual Integrations  
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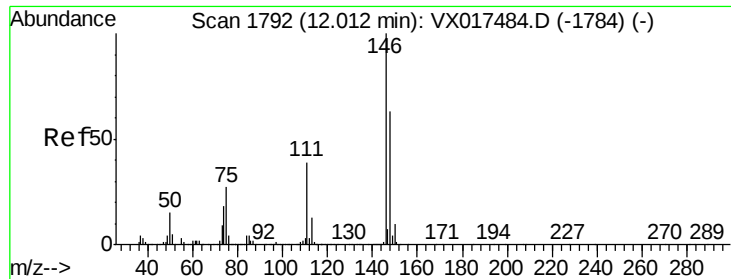
MMDadoda  
 8/4/2020 9:51:09 AM



#86  
 p-Isopropyltoluene  
 Concen: 18.074 ug/l  
 RT: 12.05 min Scan# 1798  
 Delta R.T. -0.00 min  
 Lab File: VX017743.D  
 Acq: 03 Aug 2020 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 26.6  | 13.1  | 39.3  |
| 91      | 25.1  | 12.1  | 36.3  |





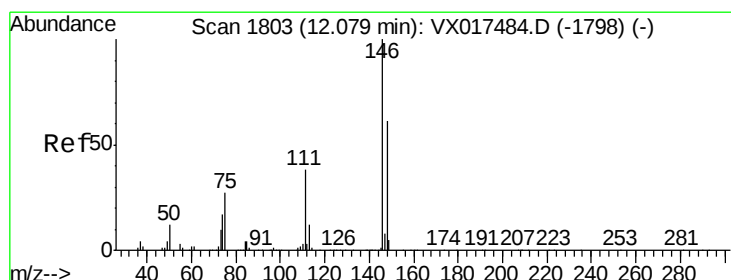
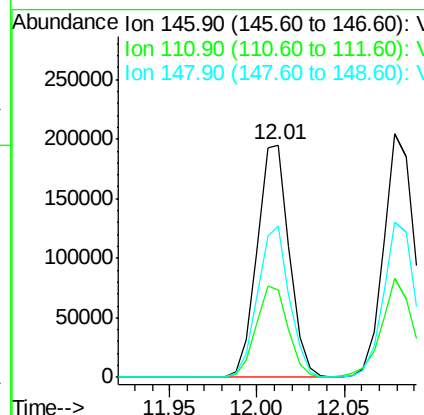
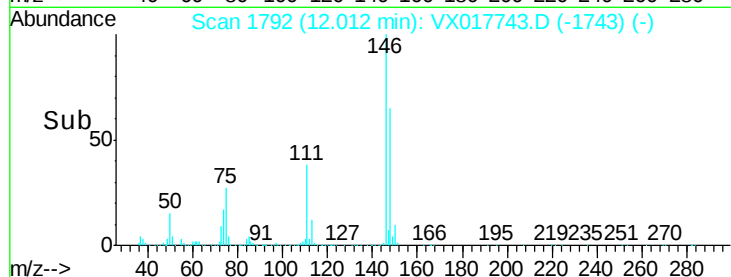
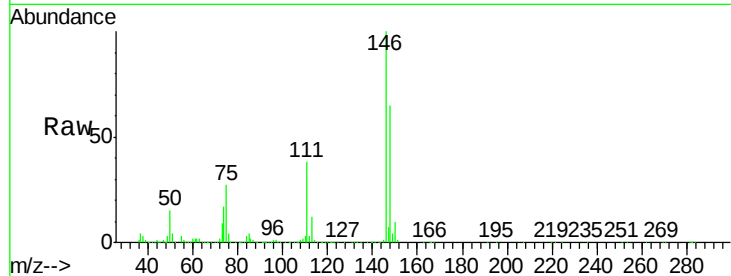
#87  
 1,3-Dichlorobenzene  
 Concen: 18.324 ug/l  
 RT: 12.01 min Scan# 1792  
 Delta R.T. -0.00 min  
 Lab File: VX017743.D  
 Acq: 03 Aug 2020 14:02

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0803WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.4  | 19.9  | 59.7  |
| 148     | 64.0  | 31.6  | 95.0  |

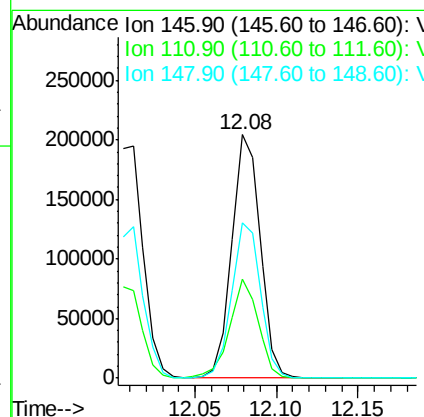
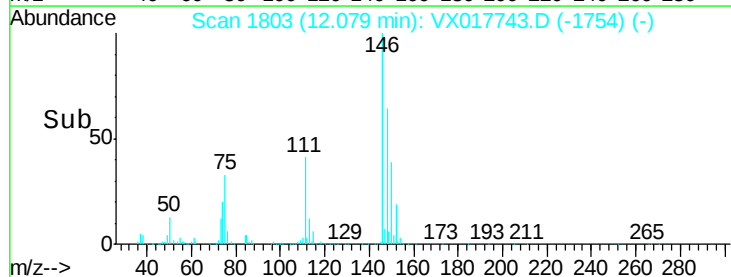
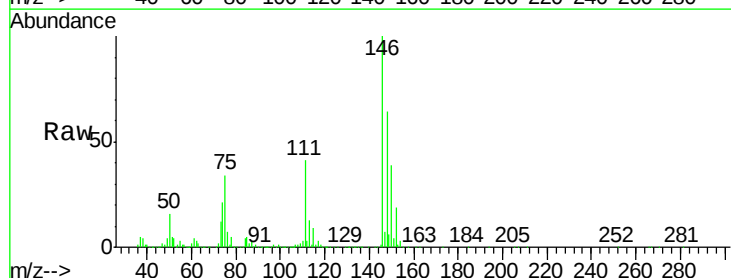
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#88  
 1,4-Dichlorobenzene  
 Concen: 17.583 ug/l  
 RT: 12.08 min Scan# 1803  
 Delta R.T. -0.00 min  
 Lab File: VX017743.D  
 Acq: 03 Aug 2020 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.7  | 19.3  | 57.8  |
| 148     | 64.7  | 32.2  | 96.6  |





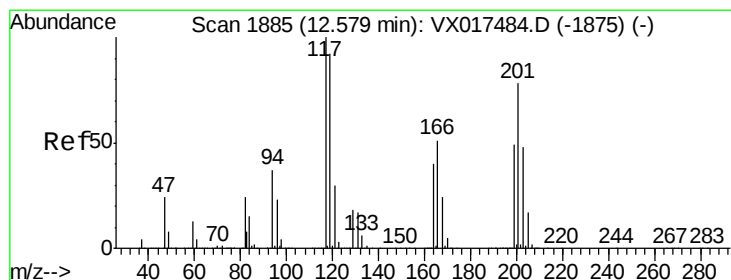
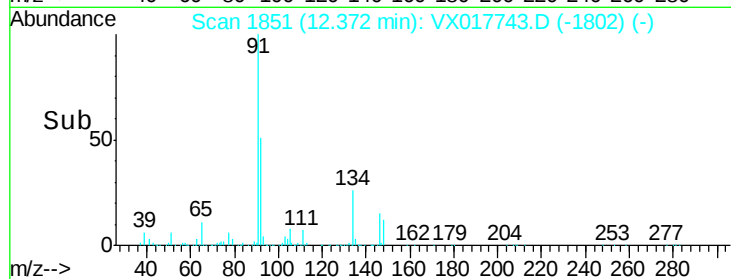
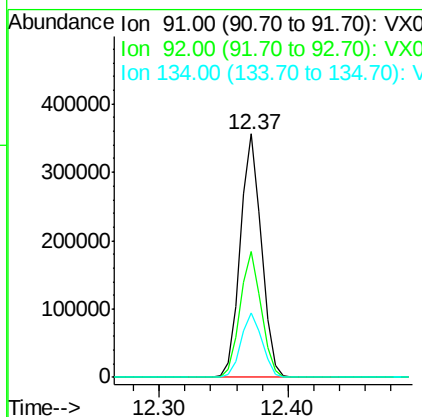
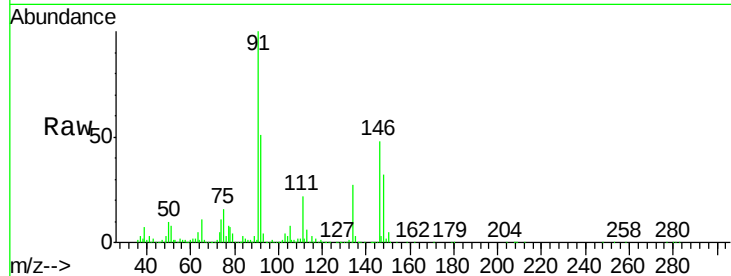
#89  
n-Butylbenzene  
Concen: 17.630 ug/l  
RT: 12.37 min Scan# 1851  
Delta R.T. -0.00 min  
Lab File: VX017743.D  
Acq: 03 Aug 2020 14:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0803WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.1  | 26.7  | 80.1  |
| 134     | 26.5  | 13.6  | 40.7  |

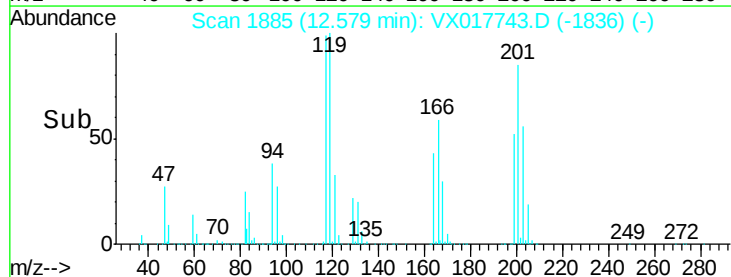
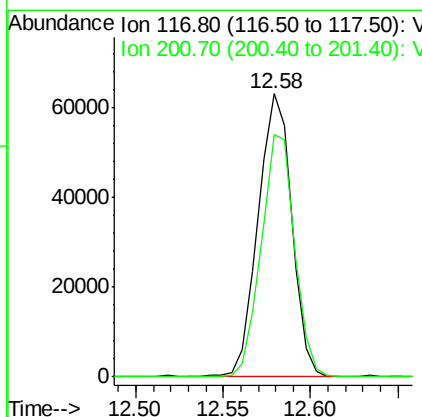
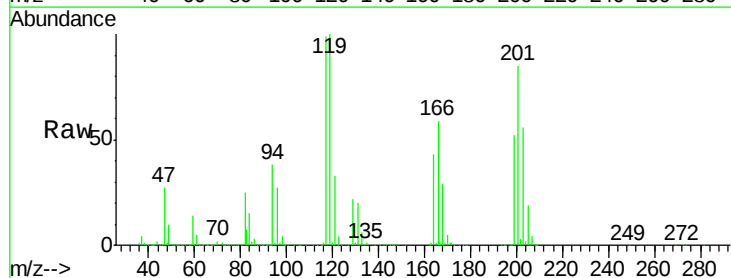
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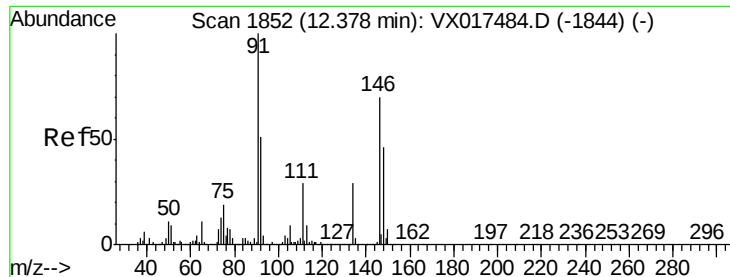
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#90  
Hexachloroethane  
Concen: 16.720 ug/l  
RT: 12.58 min Scan# 1885  
Delta R.T. -0.00 min  
Lab File: VX017743.D  
Acq: 03 Aug 2020 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 84.8  | 42.2  | 126.6 |





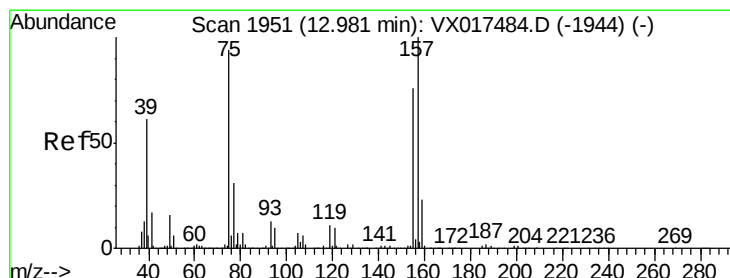
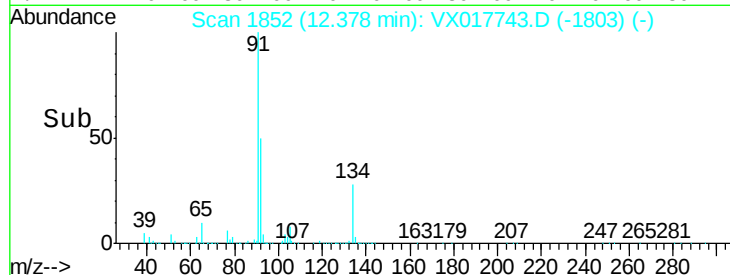
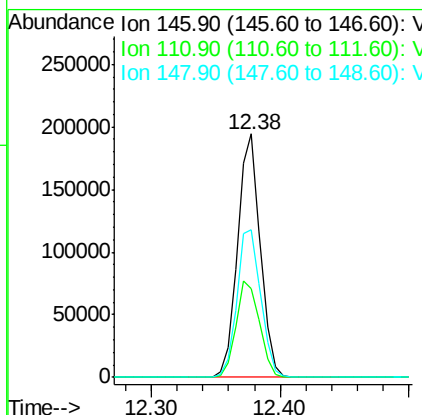
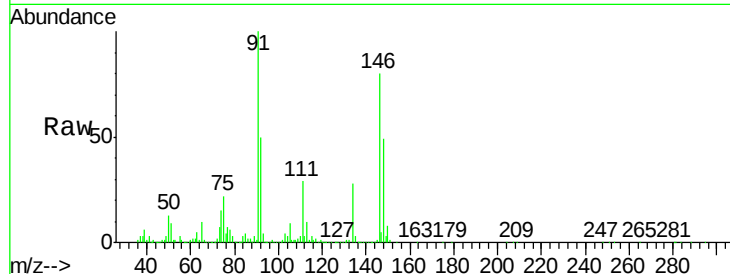
#91  
 1,2-Dichlorobenzene  
 Concen: 17.747 ug/l  
 RT: 12.38 min Scan# 1852  
 Delta R.T. -0.00 min  
 Lab File: VX017743.D  
 Acq: 03 Aug 2020 14:02

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0803WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 237352 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 40.9  | 20.9  | 62.8   |
| 148       | 63.6  | 32.8  | 98.4   |

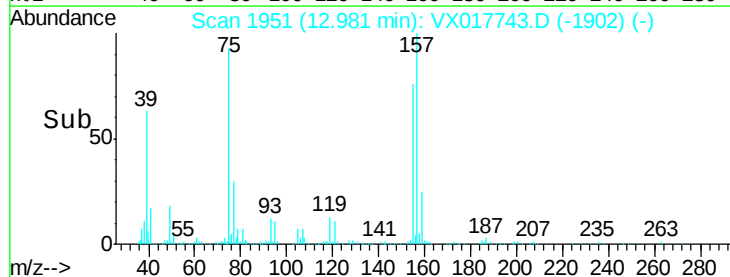
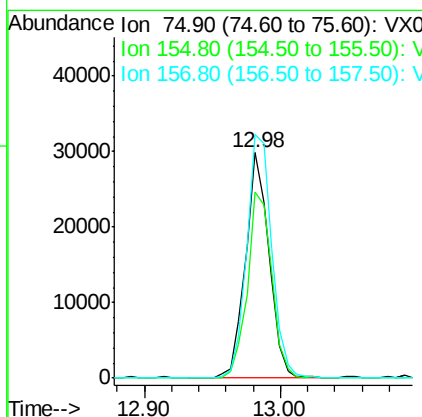
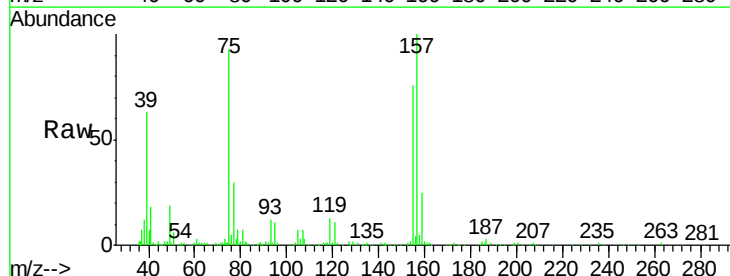
Manual Integrations  
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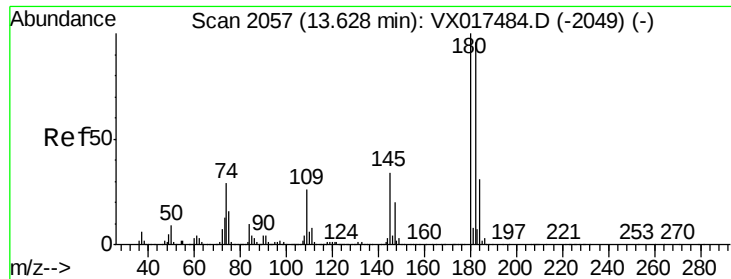
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 16.401 ug/l  
 RT: 12.98 min Scan# 1951  
 Delta R.T. 0.00 min  
 Lab File: VX017743.D  
 Acq: 03 Aug 2020 14:02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 36419 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 85.0  | 42.3  | 126.8 |
| 157       | 114.9 | 54.3  | 162.9 |





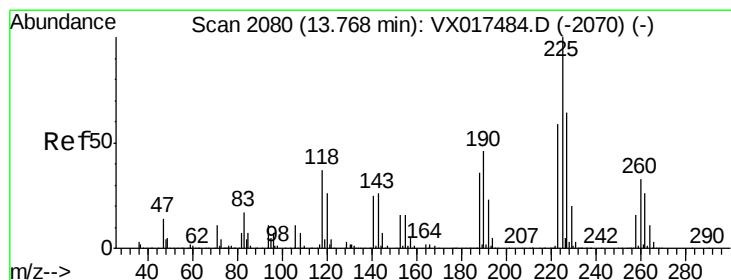
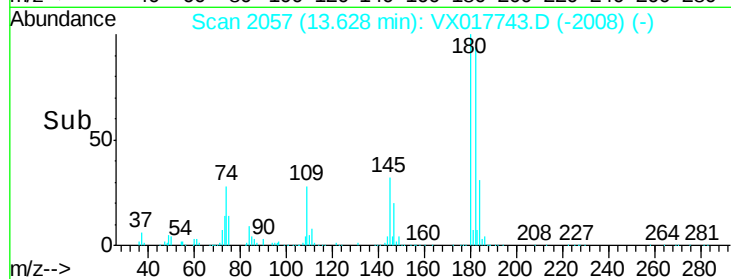
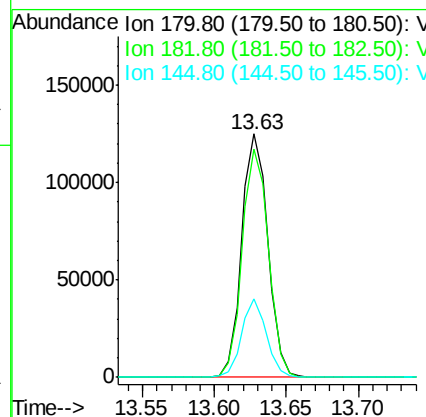
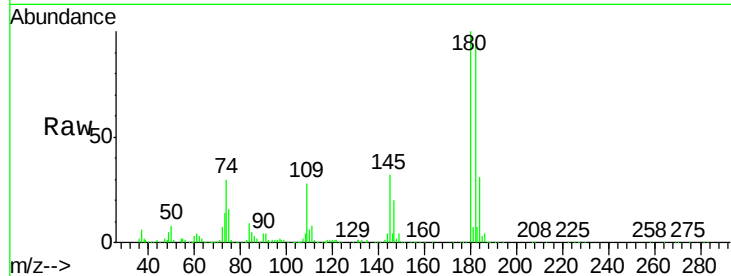
#93  
 1,2,4-Trichlorobenzene  
 Concen: 17.308 ug/l  
 RT: 13.63 min Scan# 2057  
 Delta R.T. -0.00 min  
 Lab File: VX017743.D  
 Acq: 03 Aug 2020 14:02

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0803WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 157981 |       |       |
| 182     | 94.0  | 47.5   | 142.6 |       |
| 145     | 30.7  | 15.4   | 46.4  |       |

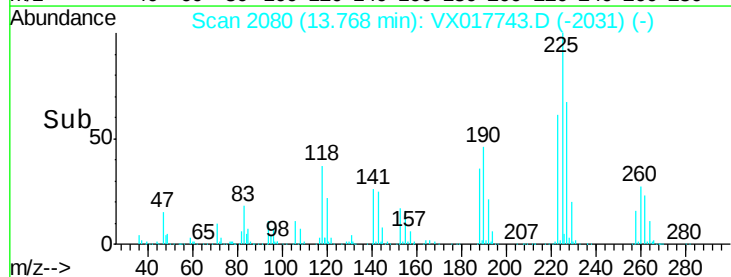
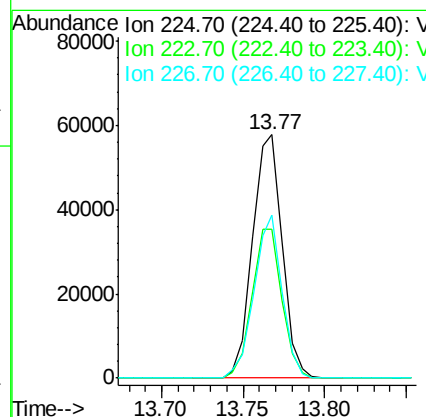
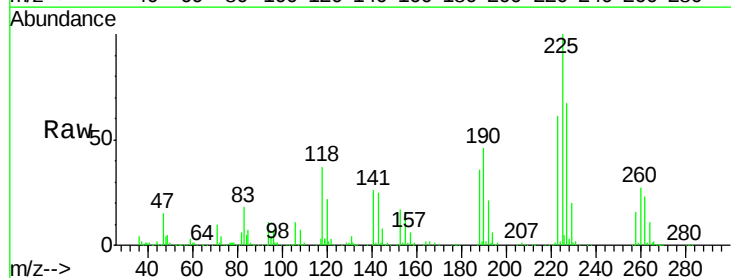
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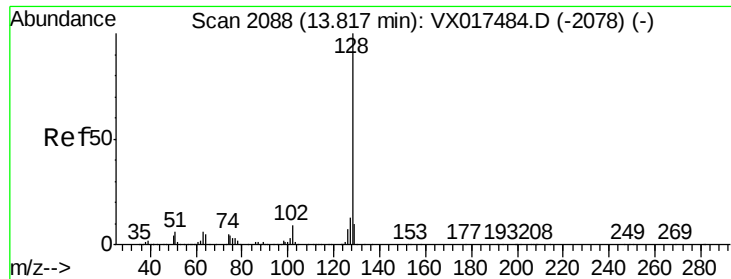
MMDadoda  
 8/4/2020 9:51:09 AM



#94  
 Hexachlorobutadiene  
 Concen: 17.500 ug/l  
 RT: 13.77 min Scan# 2080  
 Delta R.T. -0.00 min  
 Lab File: VX017743.D  
 Acq: 03 Aug 2020 14:02

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 73531 |       |       |
| 223     | 61.6  | 30.3  | 90.9  |       |
| 227     | 63.1  | 31.1  | 93.2  |       |





#95

Naphthalene

Concen: 18.287 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

Instrument :

MSVOA\_X

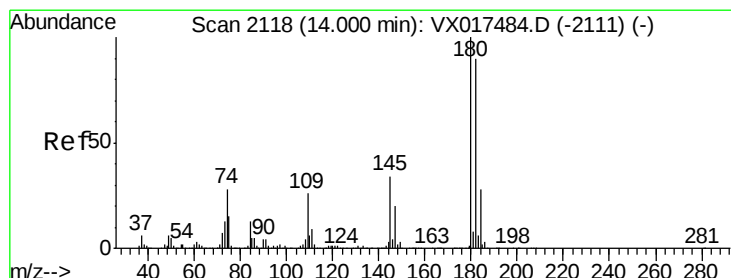
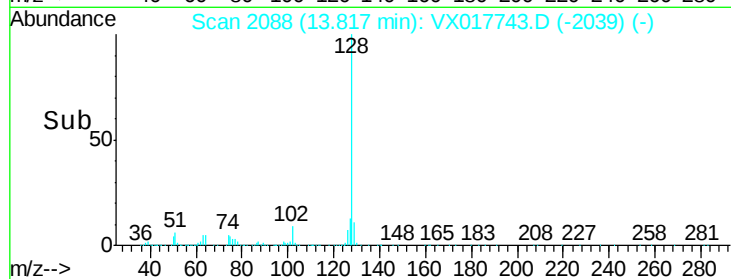
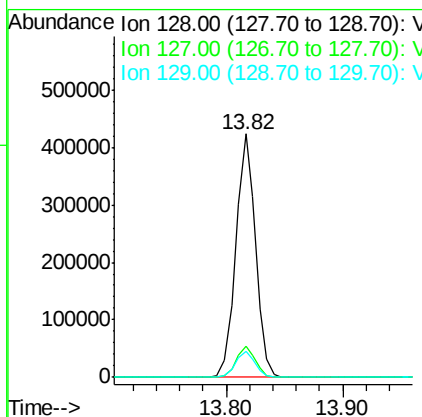
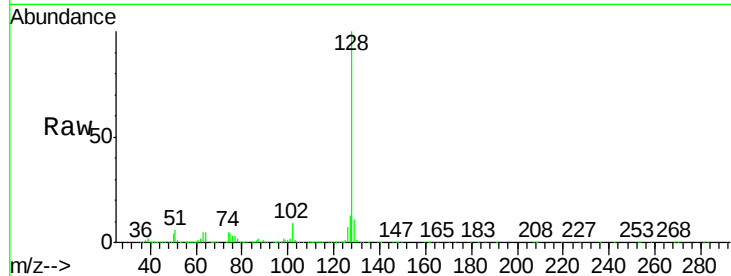
ClientSampleId :

VX0803WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 498296 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 12.7  | 10.4  | 15.6   |
| 129       | 10.6  | 8.9   | 13.3   |

Manual Integrations  
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#96

1,2,3-Trichlorobenzene

Concen: 17.005 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX017743.D

Acq: 03 Aug 2020 14:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 153256 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 94.9  | 47.4  | 142.3  |
| 145       | 32.3  | 16.3  | 48.9   |

