

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX013120\  
 Data File : VX014778.D  
 Acq On : 31 Jan 2020 12:35  
 Operator : JC/SP  
 Sample : VX0131WBS02  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0131WBS02

Manual Integrations  
 APPROVED

MMDadoda  
 2/4/2020 3:35:52 PM

Quant Time: Jan 31 15:50:18 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X012220W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 22 12:35:15 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.65  | 168  | 404233   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 604766   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 552841   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152  | 276965   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 6.04   | 65  | 233597   | 49.49 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.98% |      |
| 35) Dibromofluoromethane  | 5.48   | 113 | 185385   | 48.58 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.16% |      |
| 50) Toluene-d8            | 8.71   | 98  | 708495   | 48.29 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.58% |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 249932   | 47.83 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 95.66% |      |

## Target Compounds

|                               |      |     |         |        |      | Qvalue |
|-------------------------------|------|-----|---------|--------|------|--------|
| 2) Dichlorodifluoromethane    | 1.19 | 85  | 89403   | 16.833 | ug/l | 99     |
| 3) Chloromethane              | 1.32 | 50  | 92363   | 16.890 | ug/l | 99     |
| 4) Vinyl Chloride             | 1.40 | 62  | 105418  | 17.829 | ug/l | 99     |
| 5) Bromomethane               | 1.64 | 94  | 63942   | 15.921 | ug/l | 99     |
| 6) Chloroethane               | 1.72 | 64  | 62610   | 17.611 | ug/l | 96     |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 121823  | 17.695 | ug/l | 99     |
| 8) Diethyl Ether              | 2.18 | 74  | 53796   | 17.902 | ug/l | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 73557   | 18.200 | ug/l | 98     |
| 10) Methyl Iodide             | 2.50 | 142 | 92043   | 17.356 | ug/l | 98     |
| 11) Tert butyl alcohol        | 3.02 | 59  | 88606   | 83.606 | ug/l | 98     |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 67979   | 16.917 | ug/l | 95     |
| 13) Acrolein                  | 2.28 | 56  | 55502   | 66.420 | ug/l | 98     |
| 14) Allyl chloride            | 2.72 | 41  | 128452  | 17.784 | ug/l | 99     |
| 15) Acrylonitrile             | 3.12 | 53  | 220158  | 89.782 | ug/l | 99     |
| 16) Acetone                   | 2.43 | 43  | 253010  | 97.887 | ug/l | 99     |
| 17) Carbon Disulfide          | 2.56 | 76  | 175082  | 15.941 | ug/l | 99     |
| 18) Methyl Acetate            | 2.76 | 43  | 137579  | 18.630 | ug/l | 98     |
| 19) Methyl tert-butyl Ether   | 3.18 | 73  | 247826  | 18.829 | ug/l | 98     |
| 20) Methylene Chloride        | 2.84 | 84  | 84195   | 17.587 | ug/l | 96     |
| 21) trans-1,2-Dichloroethene  | 3.16 | 96  | 73063   | 16.513 | ug/l | 98     |
| 22) Diisopropyl ether         | 3.84 | 45  | 268488  | 18.684 | ug/l | 92     |
| 23) Vinyl Acetate             | 3.80 | 43  | 1012266 | 92.408 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 3.69 | 63  | 141198  | 18.093 | ug/l | 98     |
| 25) 2-Butanone                | 4.65 | 43  | 331958  | 89.556 | ug/l | 99     |
| 26) 2,2-Dichloropropane       | 4.57 | 77  | 112990  | 18.088 | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 4.58 | 96  | 89181   | 18.009 | ug/l | 98     |
| 28) Bromochloromethane        | 5.00 | 49  | 64644   | 18.850 | ug/l | 97     |
| 29) Tetrahydrofuran           | 5.11 | 42  | 191950  | 87.250 | ug/l | 99     |
| 30) Chloroform                | 5.19 | 83  | 142559  | 18.440 | ug/l | 99     |
| 31) Cyclohexane               | 5.57 | 56  | 124444  | 16.954 | ug/l | 100    |
| 32) 1,1,1-Trichloroethane     | 5.48 | 97  | 116623  | 17.847 | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 5.79 | 75  | 101637  | 18.087 | ug/l | 98     |
| 37) Ethyl Acetate             | 4.81 | 43  | 118198  | 18.365 | ug/l | 99     |
| 38) Carbon Tetrachloride      | 5.77 | 117 | 98949   | 18.437 | ug/l | 97     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX013120\  
 Data File : VX014778.D  
 Acq On : 31 Jan 2020 12:35  
 Operator : JC/SP  
 Sample : VX0131WBS02  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VX0131WBS02

Manual Integrations  
 APPROVED

MMDadoda  
 2/4/2020 3:35:52 PM

Quant Time: Jan 31 15:50:18 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X012220W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 22 12:35:15 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.45  | 83   | 125129   | 17.774  | ug/l   | 97       |
| 40) Benzene                    | 6.13  | 78   | 319309   | 18.390  | ug/l   | 100      |
| 41) Methacrylonitrile          | 5.02  | 41   | 65637    | 17.711  | ug/l   | 97       |
| 42) 1,2-Dichloroethane         | 6.18  | 62   | 119458   | 19.923  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 6.43  | 43   | 191552   | 18.175  | ug/l   | 98       |
| 44) Trichloroethene            | 7.20  | 130  | 88627    | 18.071  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 7.50  | 63   | 84263    | 18.838  | ug/l   | 97       |
| 46) Dibromomethane             | 7.65  | 93   | 55421    | 19.130  | ug/l   | 98       |
| 47) Bromodichloromethane       | 7.89  | 83   | 107216   | 18.869  | ug/l   | 97       |
| 48) Methyl methacrylate        | 7.76  | 41   | 92706    | 18.410  | ug/l   | 96       |
| 49) 1,4-Dioxane                | 7.73  | 88   | 39398    | 369.082 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 8.63  | 43   | 605491   | 91.023  | ug/l   | 100      |
| 52) Toluene                    | 8.78  | 92   | 197967   | 18.548  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 9.03  | 75   | 117101   | 19.140  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 129101   | 19.181  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 85641    | 19.598  | ug/l   | 96       |
| 56) Ethyl methacrylate         | 9.17  | 69   | 124316   | 17.966  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 9.36  | 76   | 142108   | 19.024  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.30  | 63   | 215687   | 98.146  | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.48  | 43   | 478992   | 92.794  | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.57  | 129  | 86455    | 18.955  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 87234    | 18.881  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.33  | 164  | 98129    | 17.932  | ug/l   | 97       |
| 65) Chlorobenzene              | 10.13 | 112  | 216309   | 18.293  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.21 | 131  | 80922    | 18.560  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 371409   | 18.395  | ug/l   | 100      |
| 68) m/p-Xylenes                | 10.36 | 106  | 286158   | 37.410  | ug/l   | 100      |
| 69) o-Xylene                   | 10.69 | 106  | 138883   | 18.807  | ug/l   | 96       |
| 70) Styrene                    | 10.71 | 104  | 232595   | 18.777  | ug/l   | 99       |
| 71) Bromoform                  | 10.85 | 173  | 65414    | 18.867  | ug/l # | 97       |
| 73) Isopropylbenzene           | 11.01 | 105  | 365806   | 18.784  | ug/l   | 99       |
| 74) N-amyl acetate             | 10.89 | 43   | 158198   | 18.538  | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 11.26 | 83   | 124899   | 17.963  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 106364m  | 16.506  | ug/l   |          |
| 77) Bromobenzene               | 11.25 | 156  | 99672    | 19.051  | ug/l   | 95       |
| 78) n-propylbenzene            | 11.35 | 91   | 415906   | 18.815  | ug/l   | 98       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 247534   | 18.507  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene     | 11.50 | 105  | 306717   | 18.976  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 38495    | 17.001  | ug/l   | 95       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 286992   | 18.848  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.76 | 119  | 286572   | 18.868  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 308790   | 19.047  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 356830   | 19.178  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 329407   | 19.157  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 173570   | 18.460  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 12.09 | 146  | 173204   | 18.390  | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.39 | 91   | 272302   | 18.183  | ug/l   | 100      |
| 90) Hexachloroethane           | 12.59 | 117  | 55562    | 17.397  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 174491   | 18.685  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 12.99 | 75   | 26173    | 17.520  | ug/l   | 98       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX013120\  
Data File : VX014778.D  
Acq On : 31 Jan 2020 12:35  
Operator : JC/SP  
Sample : VX0131WBS02  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0131WBS02

Manual Integrations  
APPROVED

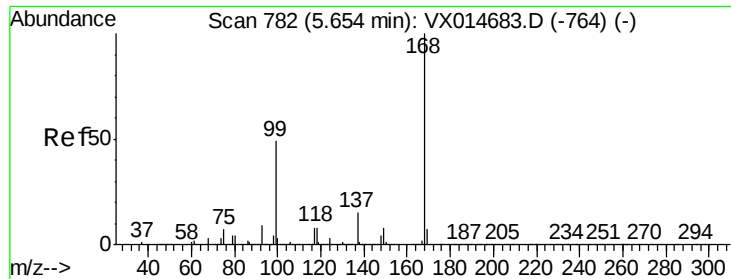
MMDadoda  
2/4/2020 3:35:52 PM

Quant Time: Jan 31 15:50:18 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X012220W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jan 22 12:35:15 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.64 | 180  | 114429   | 19.006 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 58062    | 18.737 | ug/l  | 97       |
| 95) Naphthalene            | 13.83 | 128  | 328930   | 17.558 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.01 | 180  | 115822   | 19.025 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

Instrument :

MSVOA\_X

ClientSampleId :

VX0131WBS02

Tot Ion:168 Resp: 404233

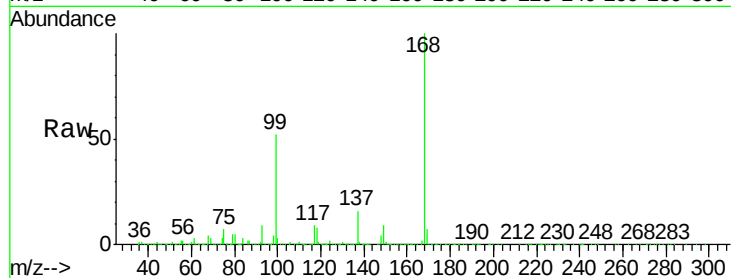
Ion Ratio Lower Upper

168 100

99 51.9 39.8 59.6

Manual Integrations  
APPROVED

MMDadoda  
2/4/2020 3:35:52 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

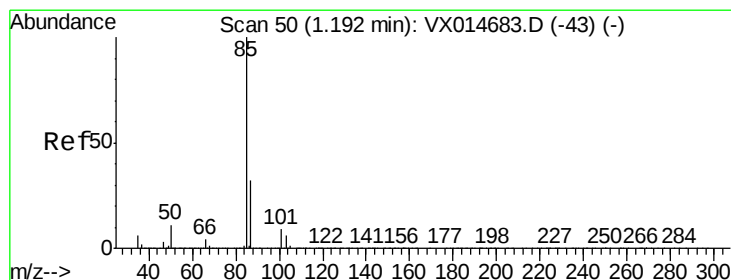
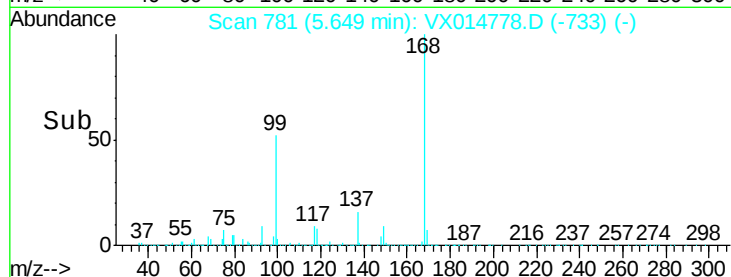
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 16.833 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014778.D

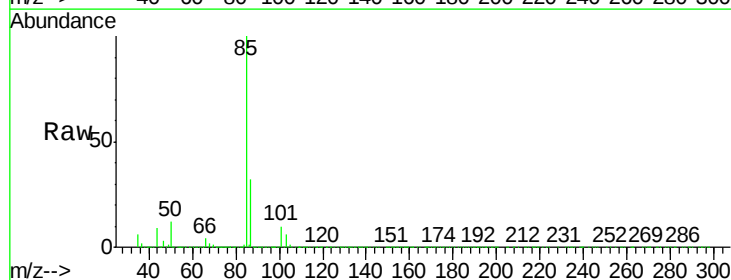
Acq: 31 Jan 2020 12:35

Tgt Ion: 85 Resp: 89403

Ion Ratio Lower Upper

85 100

87 31.6 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

100000

80000

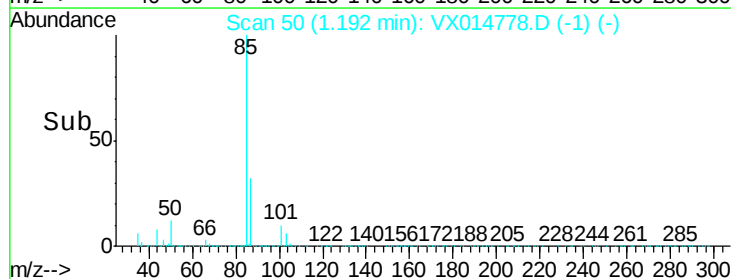
60000

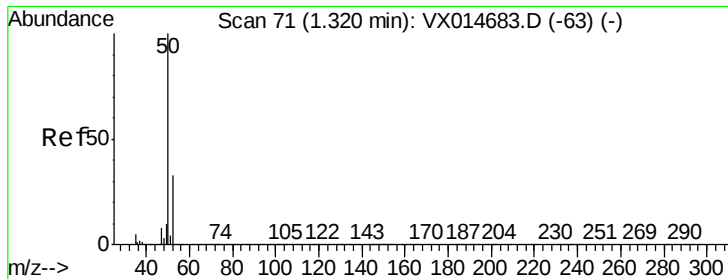
40000

20000

0

Time-->





#3

Chloromethane

Concen: 16.890 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

Instrument :

MSVOA\_X

ClientSampleId :

VX0131WBS02

Tot Ion: 50 Resp: 92363

Ion Ratio Lower Upper

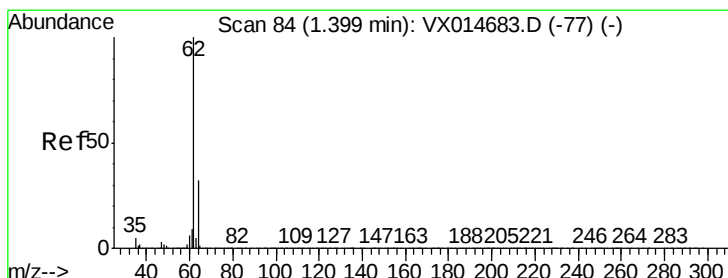
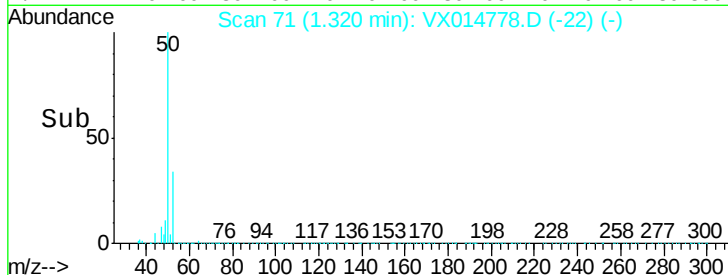
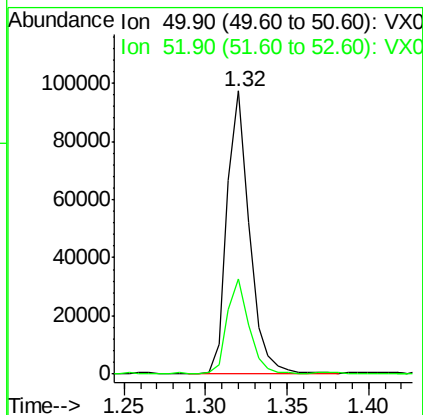
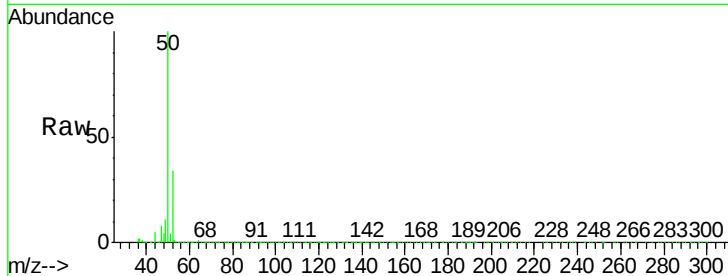
50 100

52 33.4 26.2 39.2

Manual Integrations  
APPROVED

MMDadoda

2/4/2020 3:35:52 PM



#4

Vinyl Chloride

Concen: 17.829 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014778.D

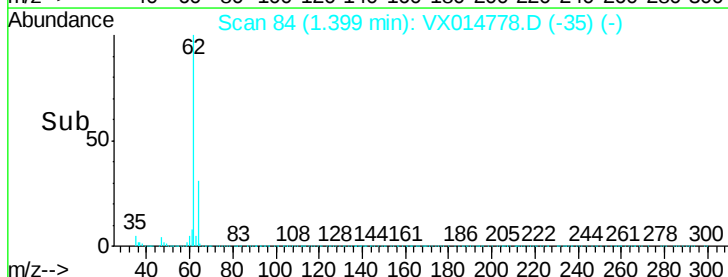
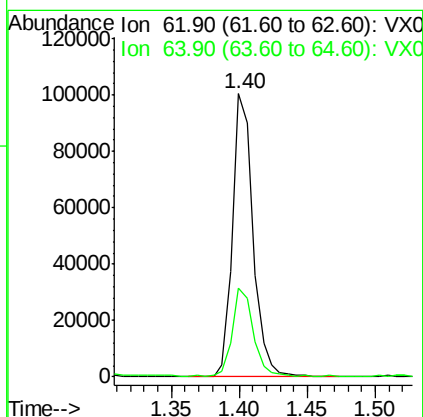
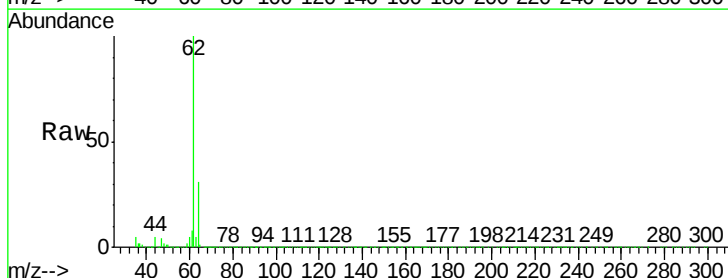
Acq: 31 Jan 2020 12:35

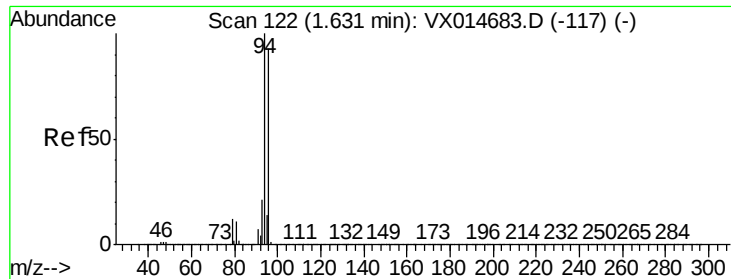
Tgt Ion: 62 Resp: 105418

Ion Ratio Lower Upper

62 100

64 31.1 25.4 38.2





#5

Bromomethane

Concen: 15.921 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

Instrument :

MSVOA\_X

ClientSampleId :

VX0131WBS02

Tot Ion: 94 Resp: 63942

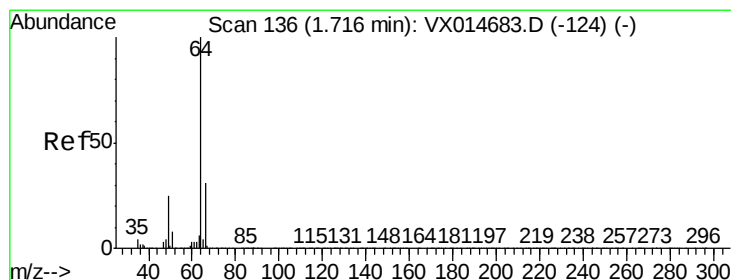
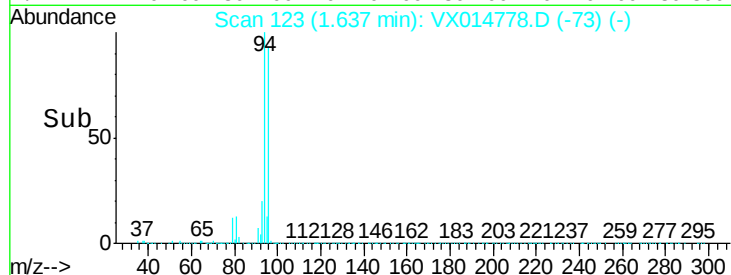
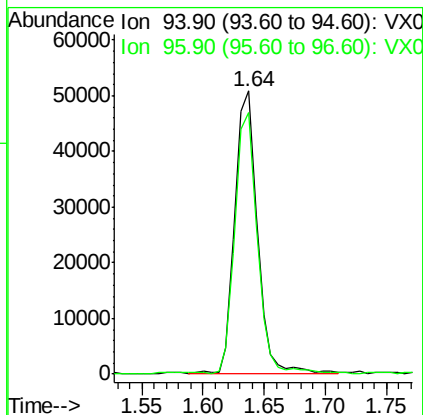
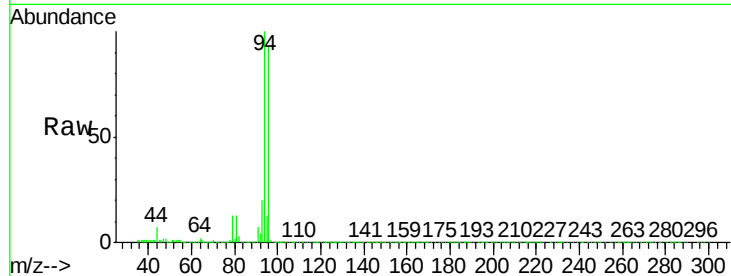
Ion Ratio Lower Upper

94 100

96 92.4 74.7 112.1

Manual Integrations  
APPROVED

MMDadoda  
2/4/2020 3:35:52 PM



#6

Chloroethane

Concen: 17.611 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014778.D

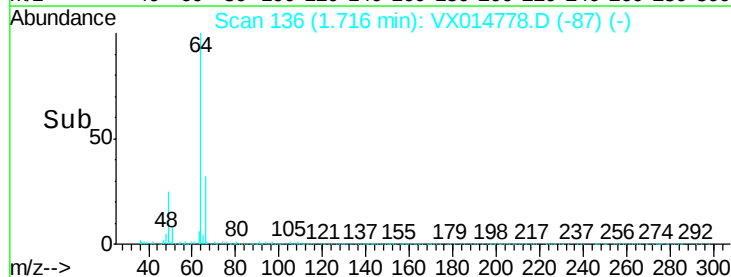
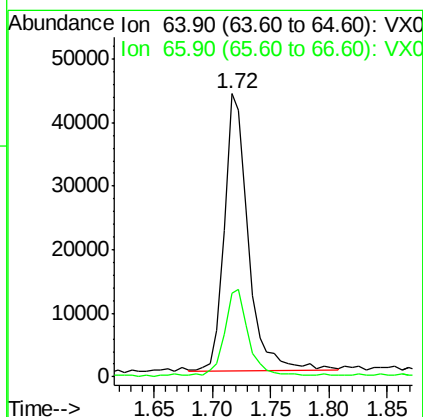
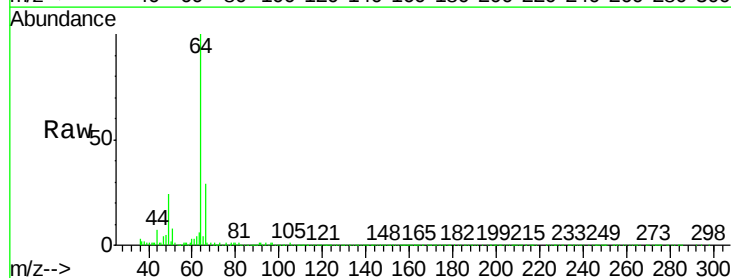
Acq: 31 Jan 2020 12:35

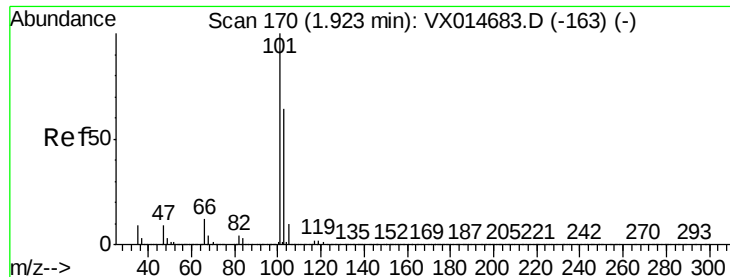
Tgt Ion: 64 Resp: 62610

Ion Ratio Lower Upper

64 100

66 29.5 25.2 37.8





#7

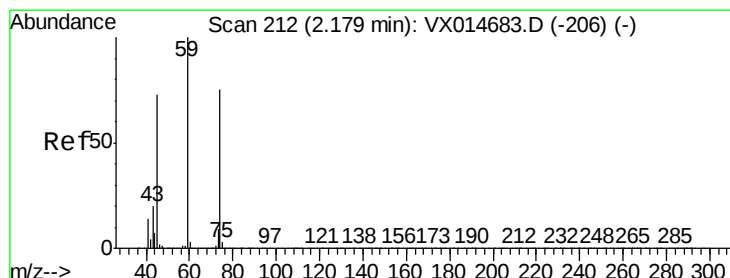
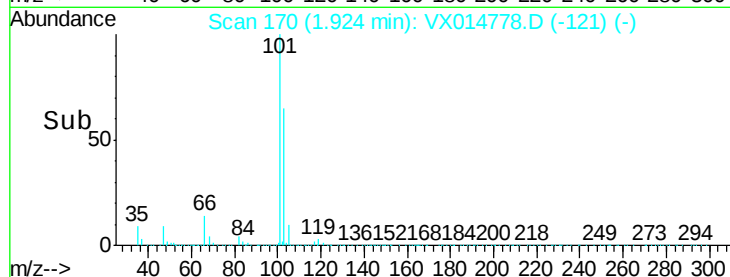
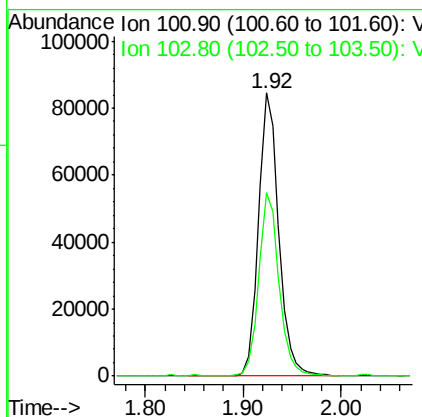
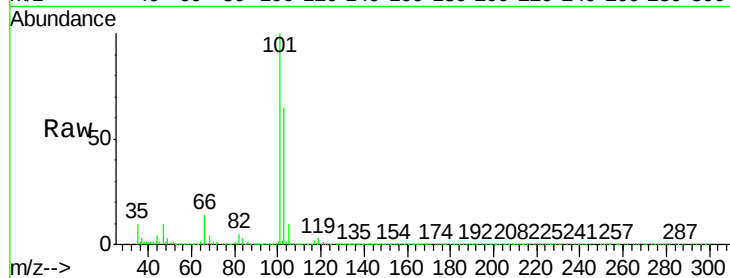
Trichlorofluoromethane  
Concen: 17.695 ug/l  
RT: 1.92 min Scan# 170  
Delta R.T. 0.00 min  
Lab File: VX014778.D  
Acq: 31 Jan 2020 12:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0131WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 64.7  | 51.0  | 76.6  |

Manual Integrations  
APPROVED

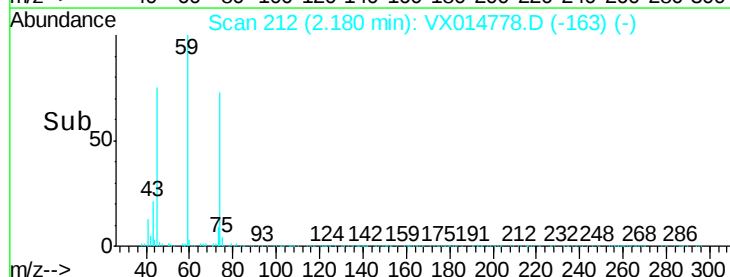
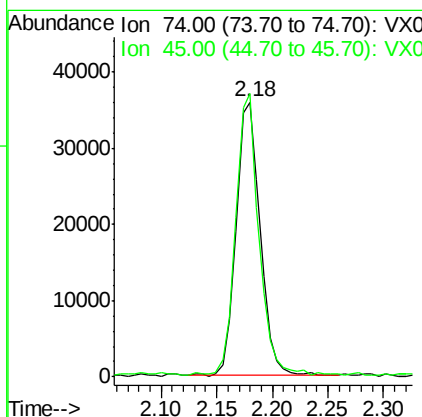
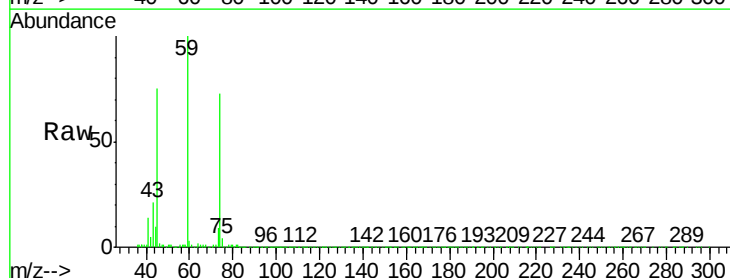
MMDadoda  
2/4/2020 3:35:52 PM

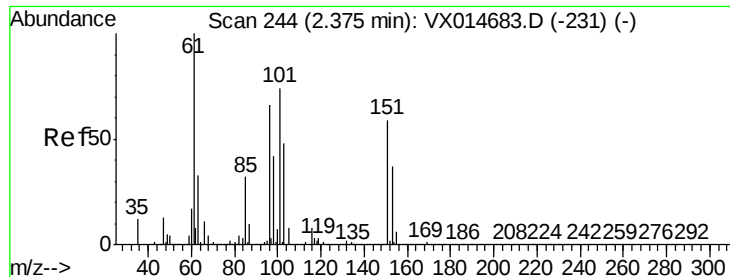


#8

Diethyl Ether  
Concen: 17.902 ug/l  
RT: 2.18 min Scan# 212  
Delta R.T. 0.00 min  
Lab File: VX014778.D  
Acq: 31 Jan 2020 12:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 99.4  | 49.4  | 148.0 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.200 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

Instrument :

MSVOA\_X

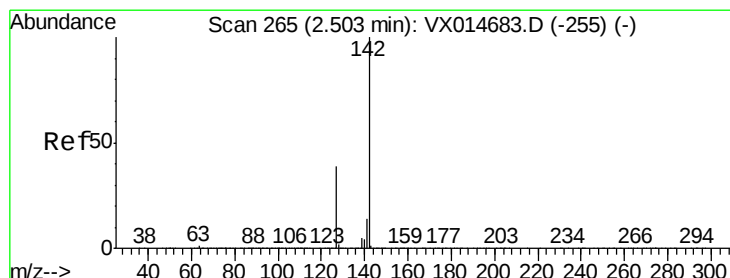
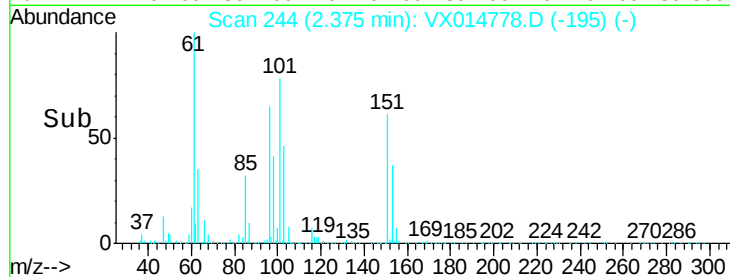
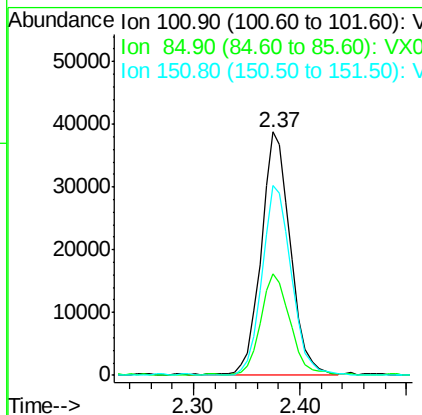
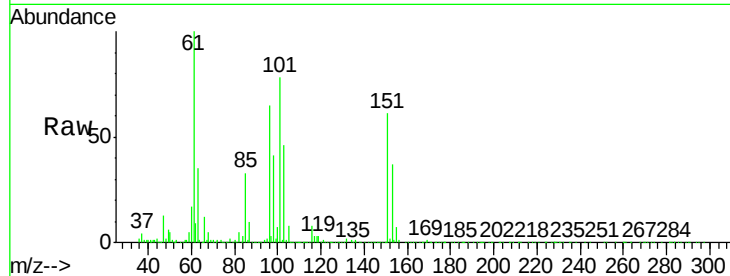
ClientSampleId :

VX0131WBS02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 73557 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 41.7  | 34.7  | 52.1  |
| 151       | 78.9  | 64.7  | 97.1  |

Manual Integrations  
APPROVED

MMDadoda  
2/4/2020 3:35:52 PM



#10

Methyl Iodide

Concen: 17.356 ug/l

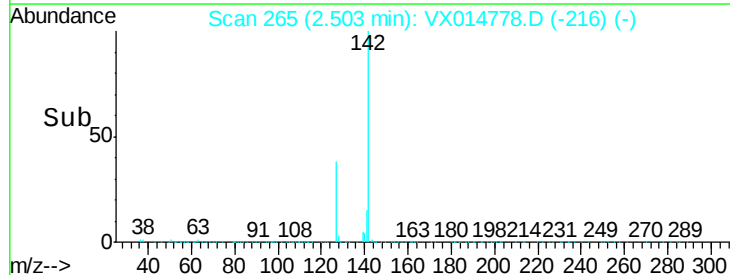
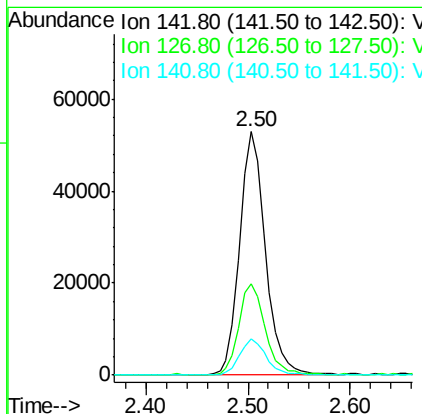
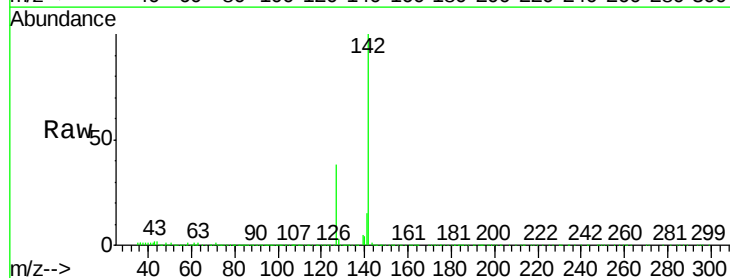
RT: 2.50 min Scan# 265

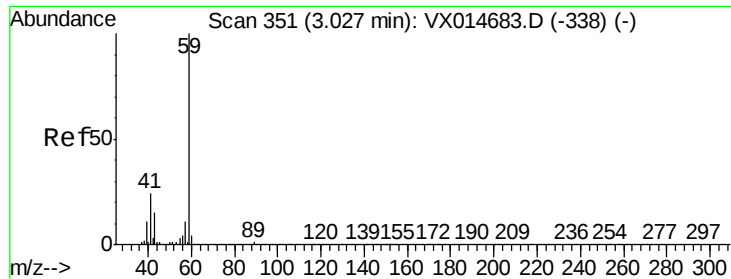
Delta R.T. 0.00 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 92043 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 38.0  | 31.1  | 46.7  |
| 141       | 14.7  | 11.3  | 16.9  |





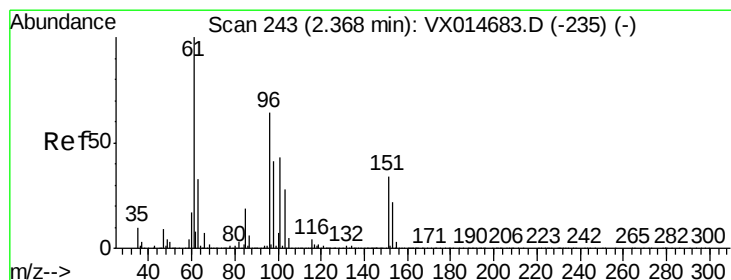
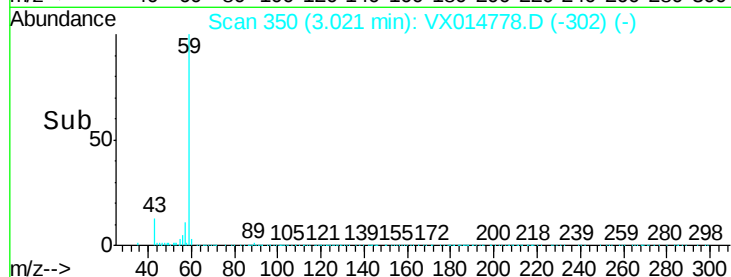
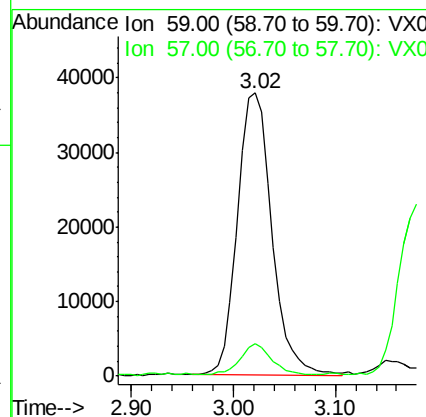
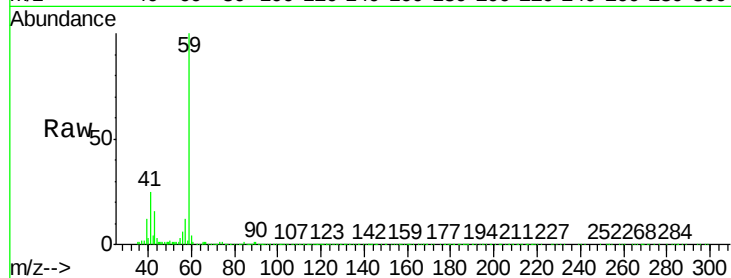
#11  
Tert butyl alcohol  
Concen: 83.606 ug/l  
RT: 3.02 min Scan# 350  
Delta R.T. -0.01 min  
Lab File: VX014778.D  
Acq: 31 Jan 2020 12:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0131WBS02

| Tot Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 59      | 59  | 100   |       |       |
| 57      | 57  | 9.8   | 8.3   | 12.5  |

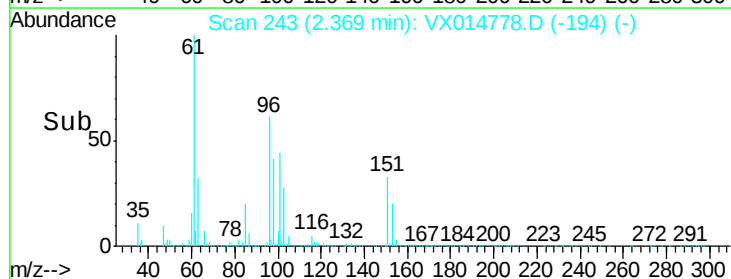
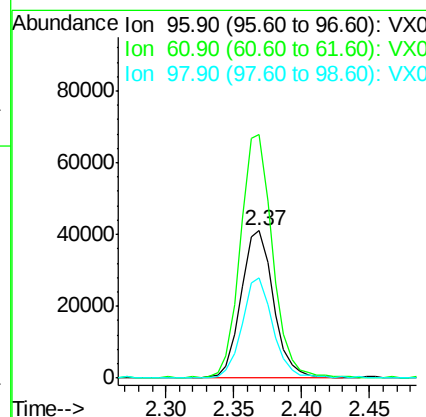
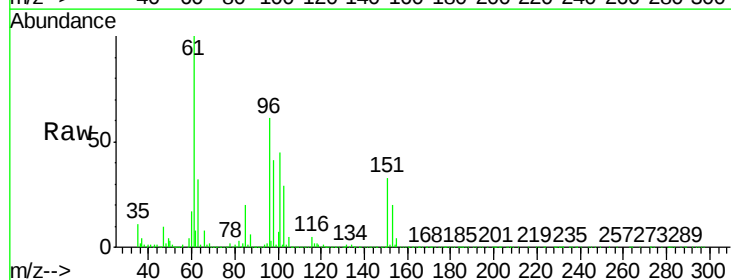
Manual Integrations  
APPROVED

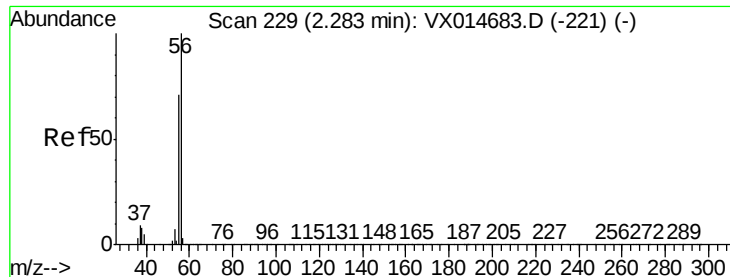
MMDadoda  
2/4/2020 3:35:52 PM



#12  
1,1-Dichloroethene  
Concen: 16.917 ug/l  
RT: 2.37 min Scan# 243  
Delta R.T. 0.00 min  
Lab File: VX014778.D  
Acq: 31 Jan 2020 12:35

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 96      | 96  | 100   |       |       |
| 61      | 61  | 164.8 | 125.8 | 188.8 |
| 98      | 98  | 67.7  | 51.5  | 77.3  |





#13

Acrolein

Concen: 66.420 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

Instrument :

MSVOA\_X

ClientSampleId :

VX0131WBS02

Tot Ion: 56 Resp: 55502

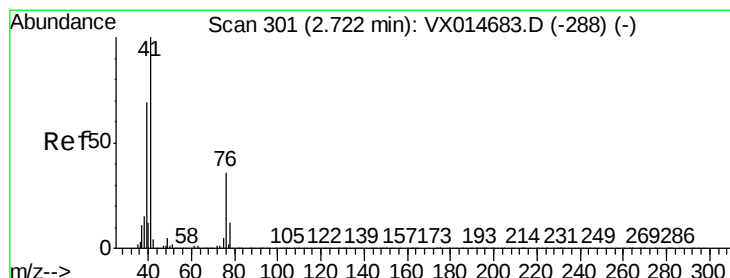
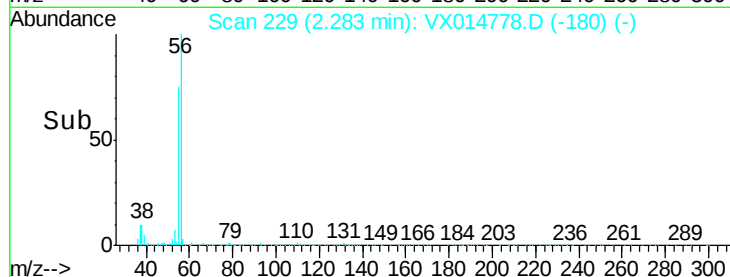
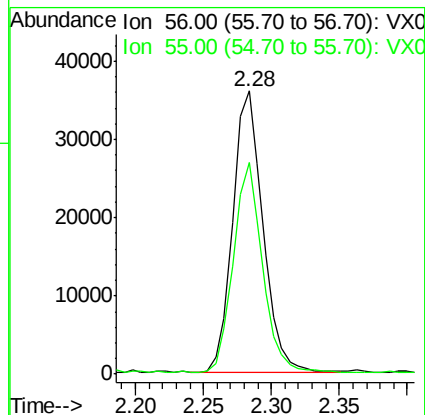
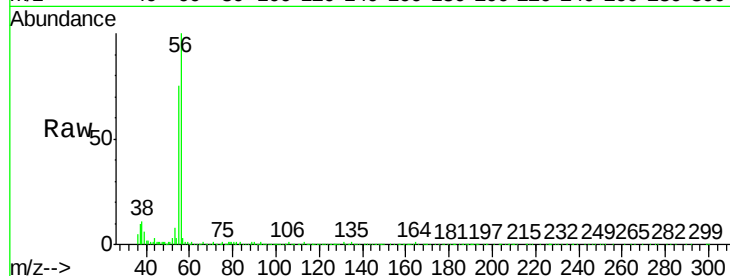
Ion Ratio Lower Upper

56 100

55 72.7 56.6 84.8

Manual Integrations  
APPROVED

MMDadoda  
2/4/2020 3:35:52 PM



#14

Allyl chloride

Concen: 17.784 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

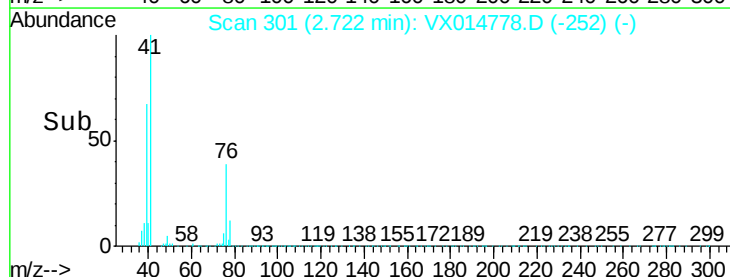
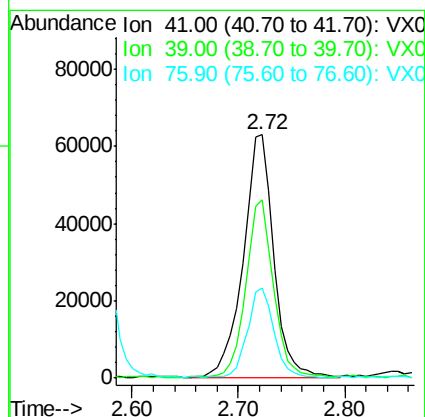
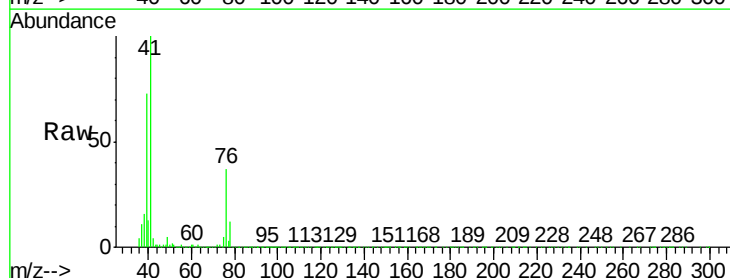
Tgt Ion: 41 Resp: 128452

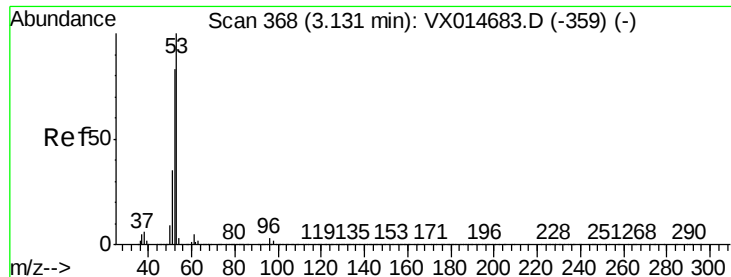
Ion Ratio Lower Upper

41 100

39 65.1 52.0 78.0

76 31.2 26.0 39.0





#15

Acrylonitrile

Concen: 89.782 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

Instrument :

MSVOA\_X

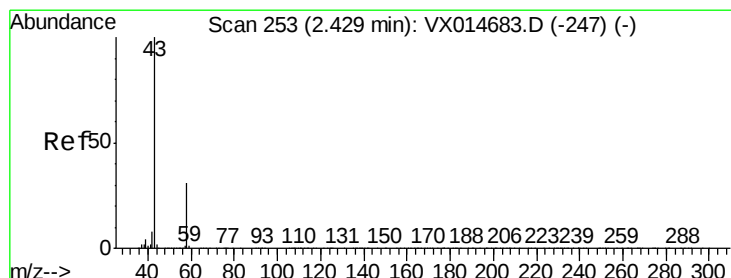
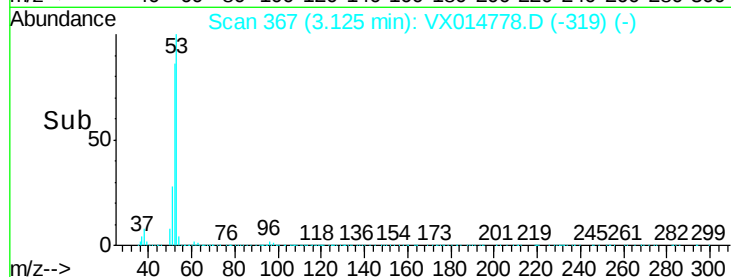
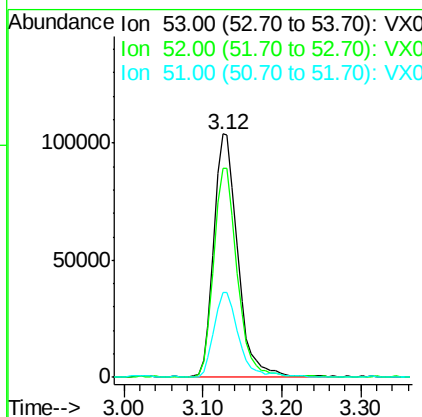
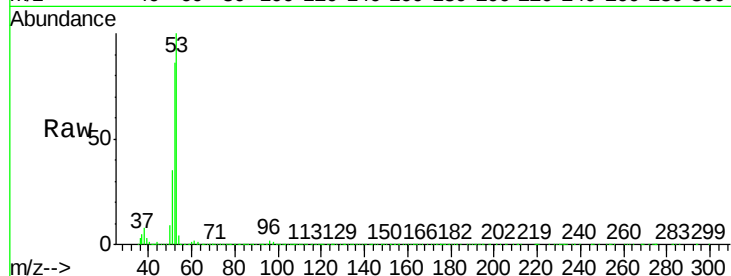
ClientSampled :

VX0131WBS02

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 53   | Resp: | 220158 |
| Ion Ratio |      | Lower | Upper  |
| 53        | 100  |       |        |
| 52        | 84.0 | 66.4  | 99.6   |
| 51        | 35.8 | 28.7  | 43.1   |

Manual Integrations  
APPROVED

MMDadoda  
2/4/2020 3:35:52 PM



#16

Acetone

Concen: 97.887 ug/l

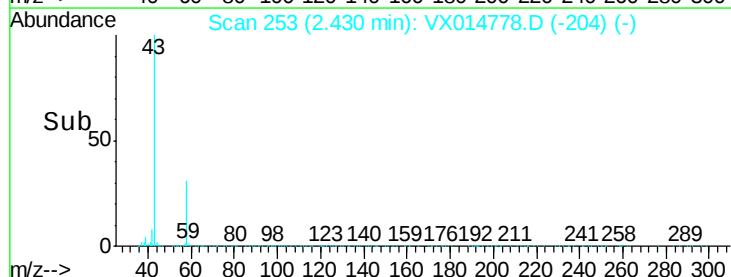
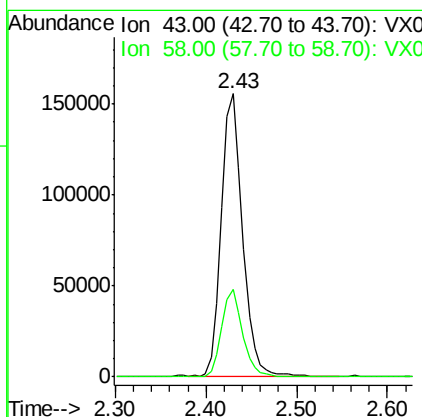
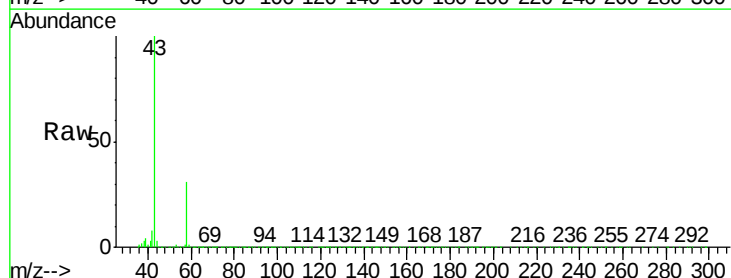
RT: 2.43 min Scan# 253

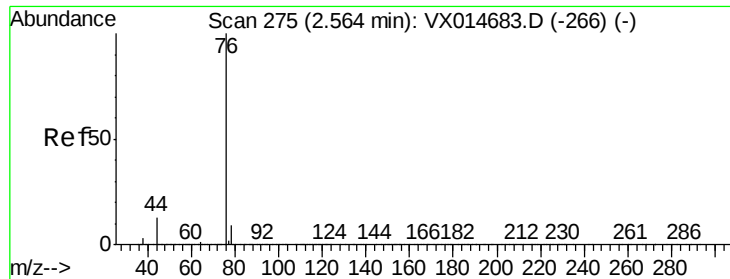
Delta R.T. 0.00 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 43   | Resp: | 253010 |
| Ion Ratio |      | Lower | Upper  |
| 43        | 100  |       |        |
| 58        | 31.1 | 24.5  | 36.7   |





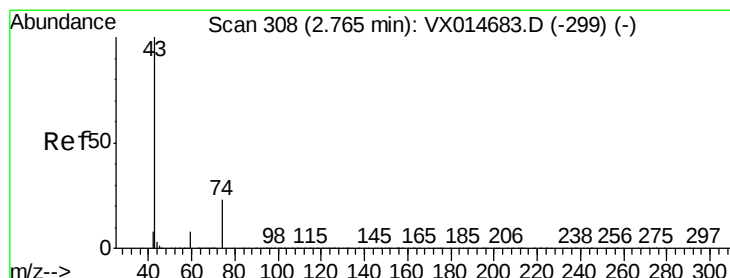
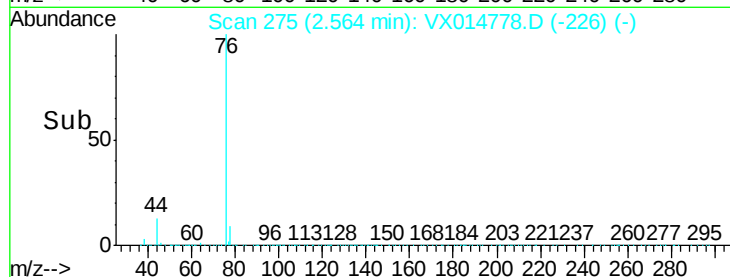
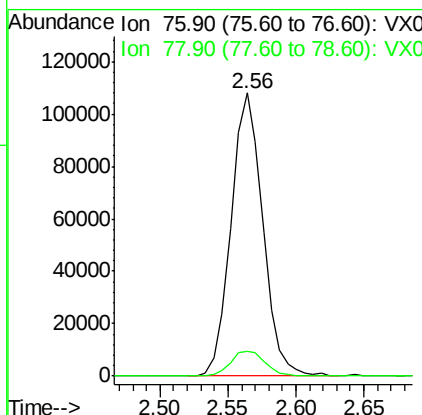
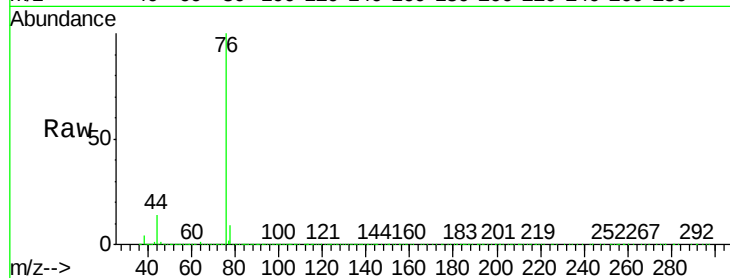
#17  
Carbon Disulfide  
Concen: 15.941 ug/l  
RT: 2.56 min Scan# 275  
Delta R.T. 0.00 min  
Lab File: VX014778.D  
Acq: 31 Jan 2020 12:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0131WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 8.8   | 7.2   | 10.8  |

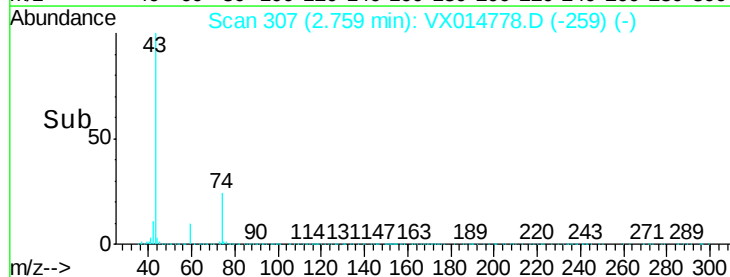
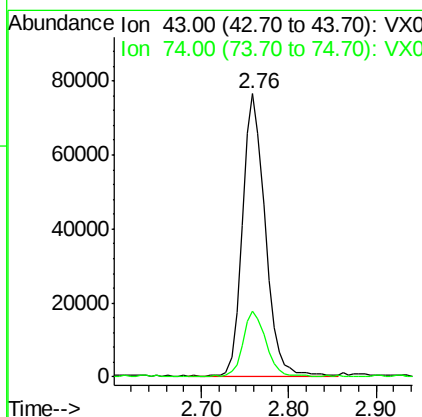
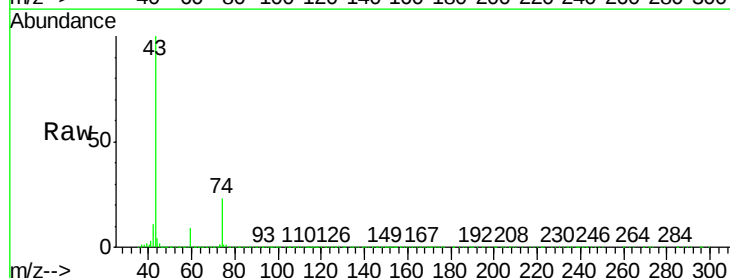
Manual Integrations  
APPROVED

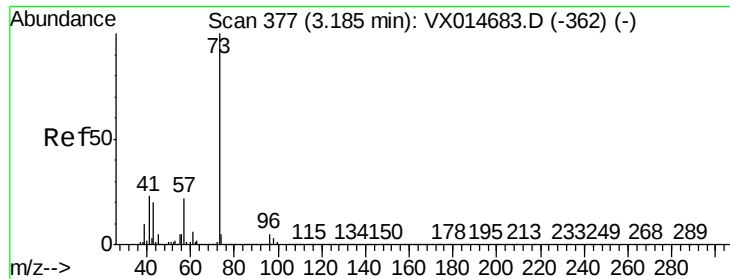
MMDadoda  
2/4/2020 3:35:52 PM



#18  
Methyl Acetate  
Concen: 18.630 ug/l  
RT: 2.76 min Scan# 307  
Delta R.T. -0.01 min  
Lab File: VX014778.D  
Acq: 31 Jan 2020 12:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 24.1  | 18.5  | 27.7  |





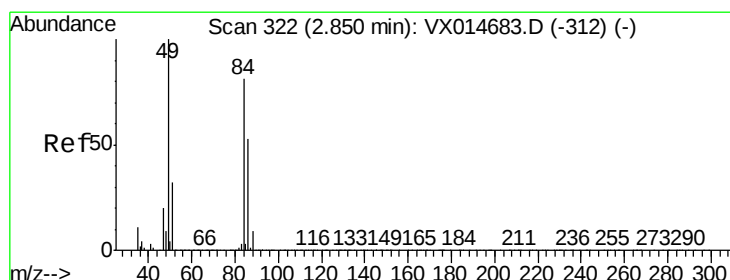
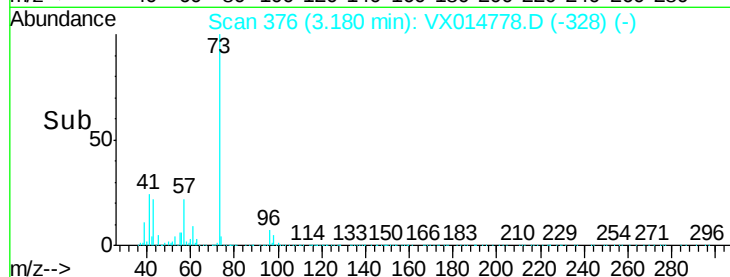
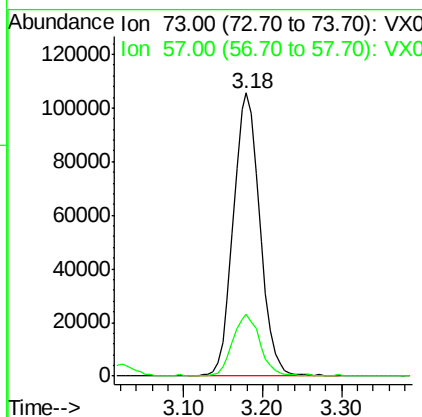
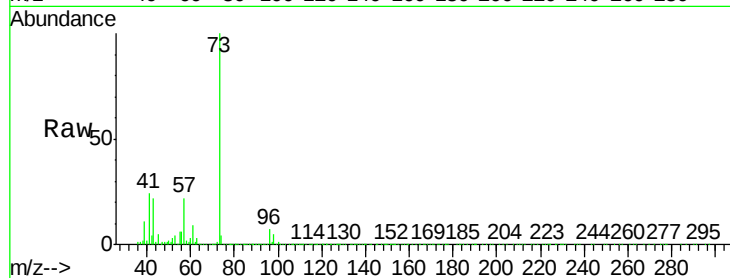
#19  
Methyl tert-butyl Ether  
Concen: 18.829 ug/l  
RT: 3.18 min Scan# 376  
Delta R.T. -0.01 min  
Lab File: VX014778.D  
Acq: 31 Jan 2020 12:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0131WBS02

Tot Ion: 73 Resp: 247826  
Ion Ratio Lower Upper  
73 100  
57 21.5 18.0 27.0

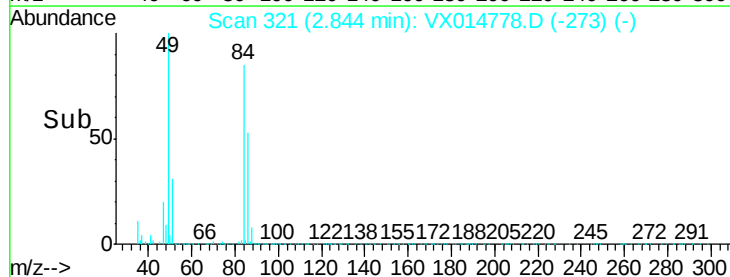
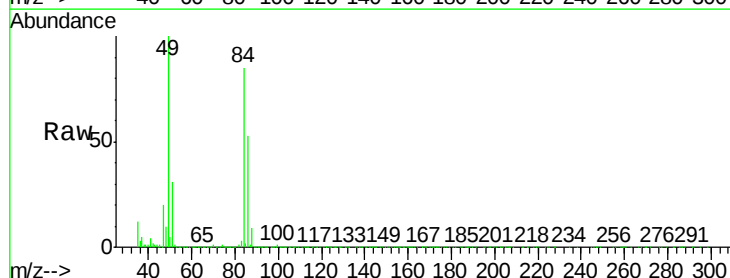
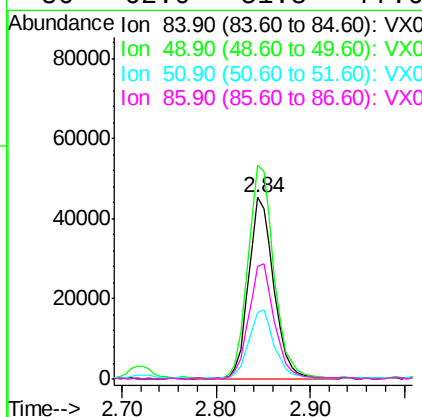
Manual Integrations  
APPROVED

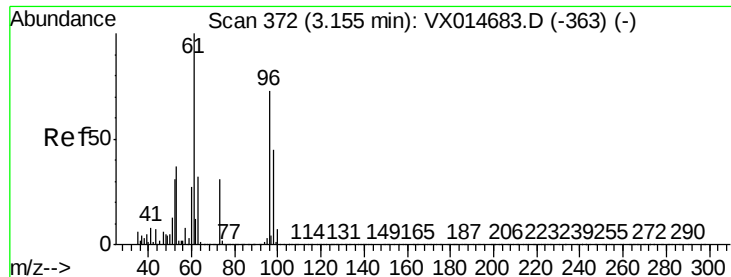
MMDadoda  
2/4/2020 3:35:52 PM



#20  
Methylene Chloride  
Concen: 17.587 ug/l  
RT: 2.84 min Scan# 321  
Delta R.T. -0.01 min  
Lab File: VX014778.D  
Acq: 31 Jan 2020 12:35

Tgt Ion: 84 Resp: 84195  
Ion Ratio Lower Upper  
84 100  
49 117.5 98.2 147.4  
51 36.8 31.3 46.9  
86 62.0 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 16.513 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

Instrument :

MSVOA\_X

ClientSampleId :

VX0131WBS02

Tot Ion: 96 Resp: 73063

Ion Ratio Lower Upper

96 100

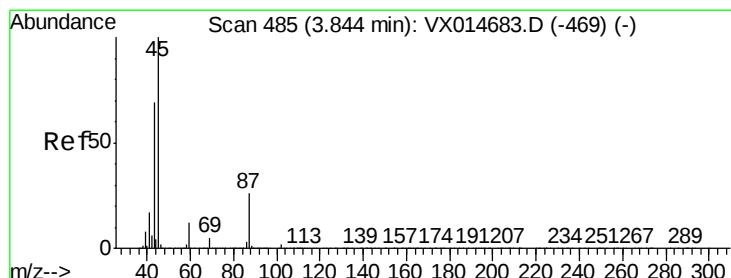
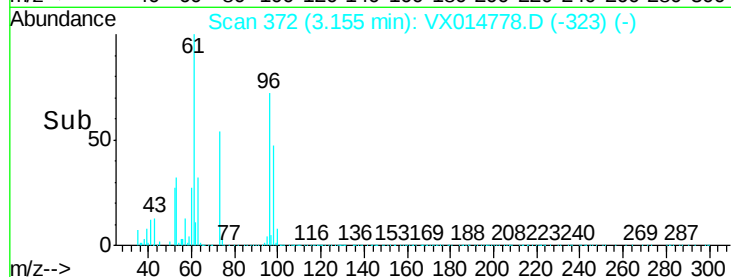
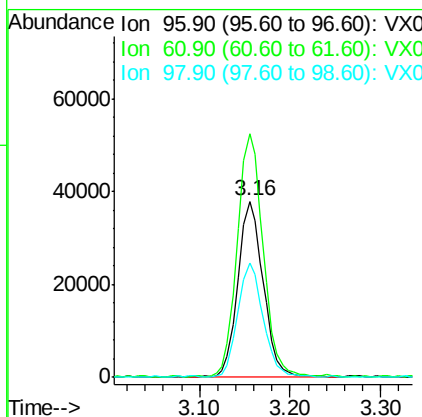
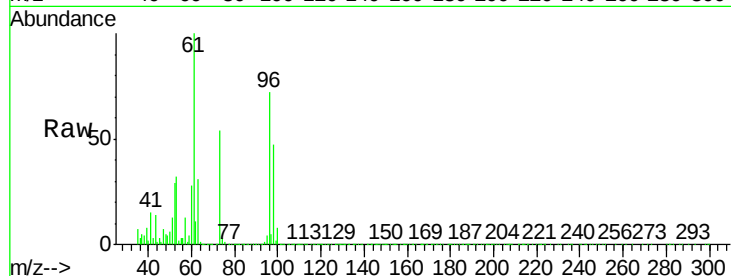
61 138.6 109.8 164.6

98 64.8 49.6 74.4

Manual Integrations  
APPROVED

MMDadoda

2/4/2020 3:35:52 PM



#22

Diisopropyl ether

Concen: 18.684 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

Tgt Ion: 45 Resp: 268488

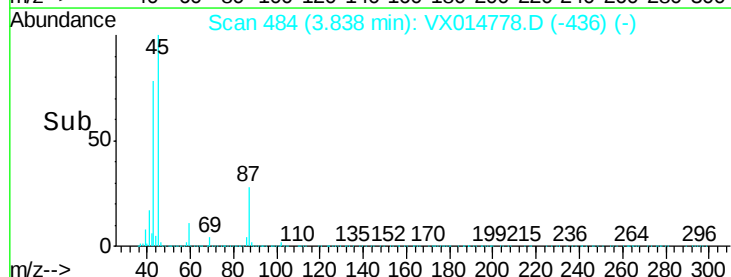
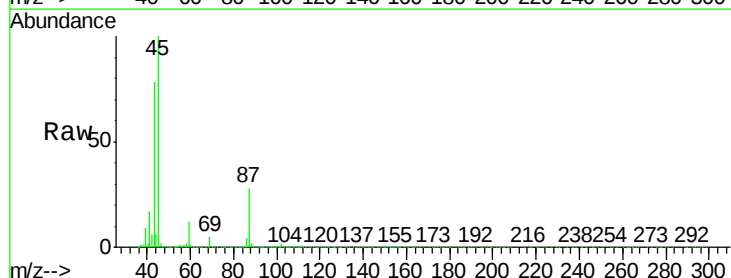
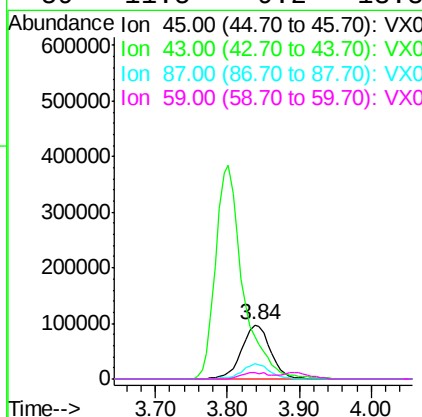
Ion Ratio Lower Upper

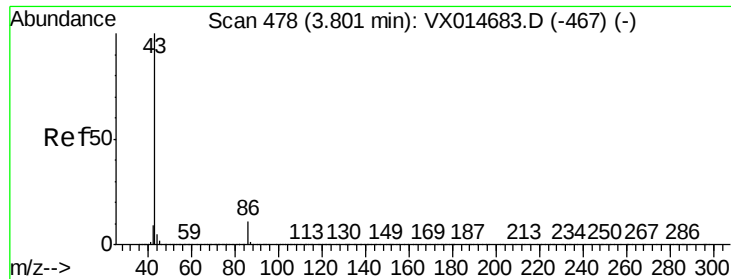
45 100

43 77.7 55.1 82.7

87 27.5 20.7 31.1

59 11.5 9.2 13.8





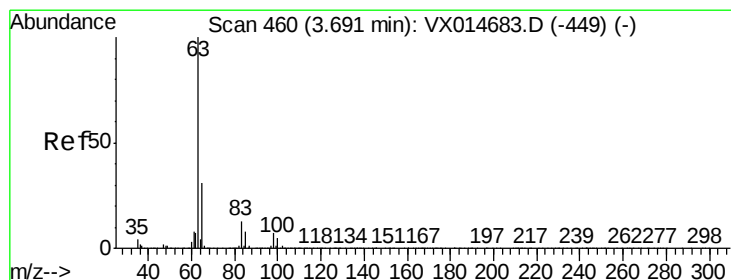
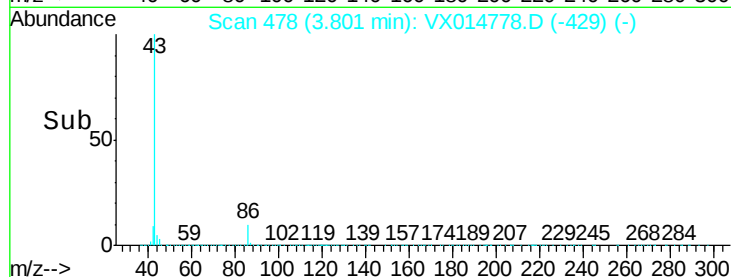
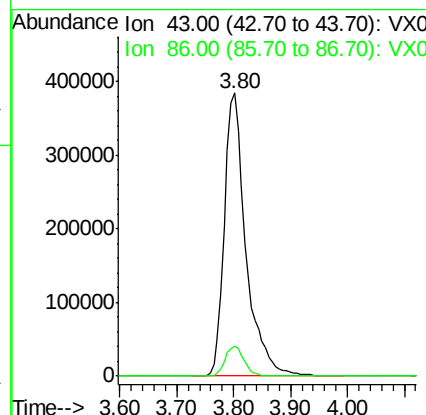
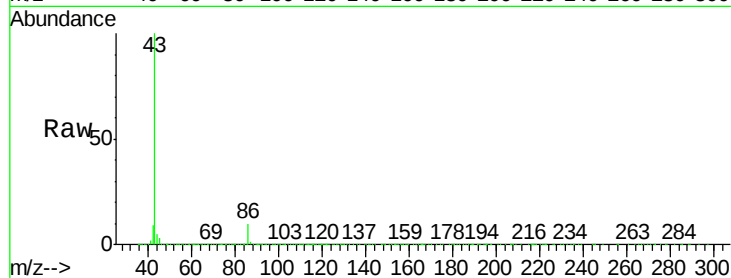
#23  
 Vinyl Acetate  
 Concen: 92.408 ug/l  
 RT: 3.80 min Scan# 478  
 Delta R.T. 0.00 min  
 Lab File: VX014778.D  
 Acq: 31 Jan 2020 12:35

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0131WBS02

Tot Ion: 43 Resp: 1012266  
 Ion Ratio Lower Upper  
 43 100  
 86 10.4 8.4 12.6

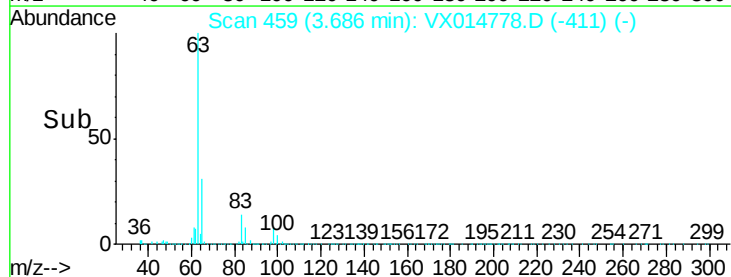
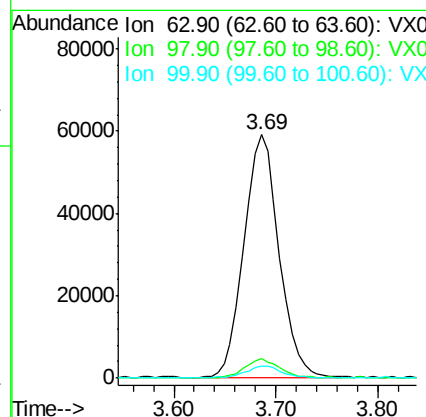
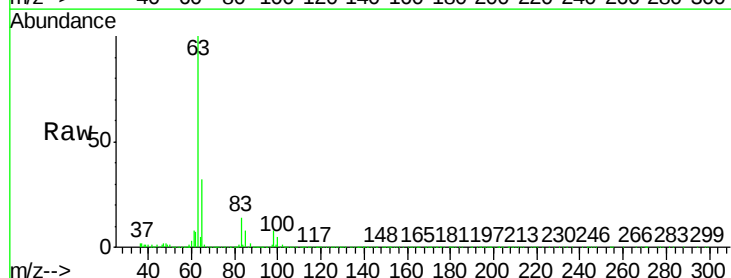
Manual Integrations  
 APPROVED

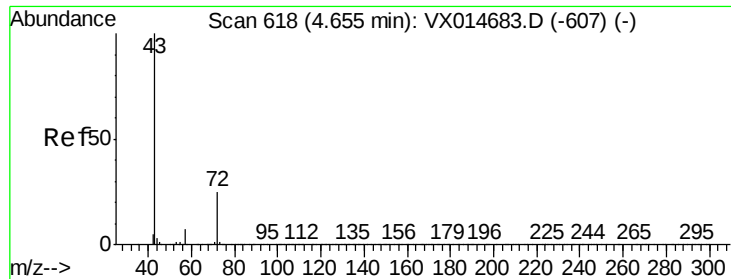
MMDadoda  
 2/4/2020 3:35:52 PM



#24  
 1,1-Dichloroethane  
 Concen: 18.093 ug/l  
 RT: 3.69 min Scan# 459  
 Delta R.T. -0.01 min  
 Lab File: VX014778.D  
 Acq: 31 Jan 2020 12:35

Tgt Ion: 63 Resp: 141198  
 Ion Ratio Lower Upper  
 63 100  
 98 8.2 3.6 10.8  
 100 4.6 2.2 6.6





#25

2-Butanone

Concen: 89.556 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

| Tot Ion   | 43   | Resp  | 331958 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 72        | 25.3 | 19.9  | 29.9   |

Instrument :

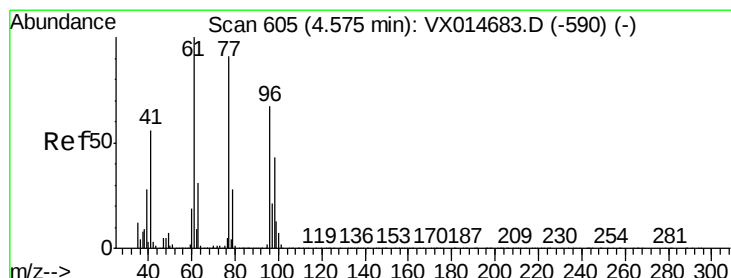
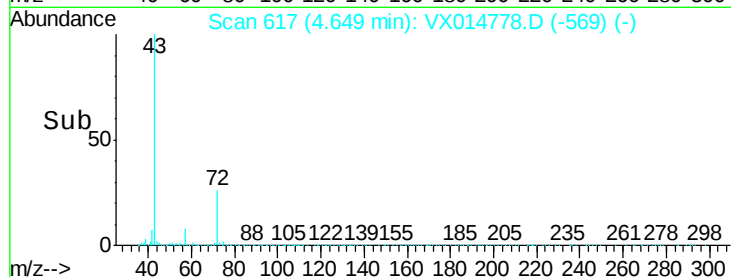
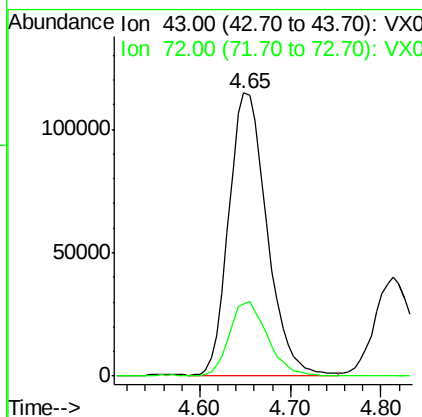
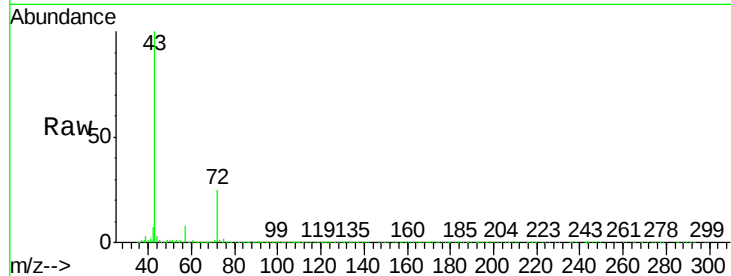
MSVOA\_X

ClientSampled :

VX0131WBS02

Manual Integrations  
APPROVED

MMDadoda  
2/4/2020 3:35:52 PM



#26

2,2-Dichloropropane

Concen: 18.088 ug/l

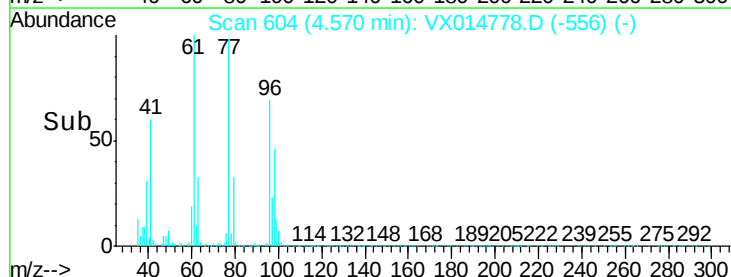
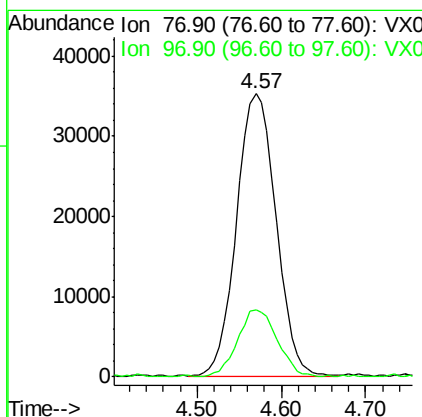
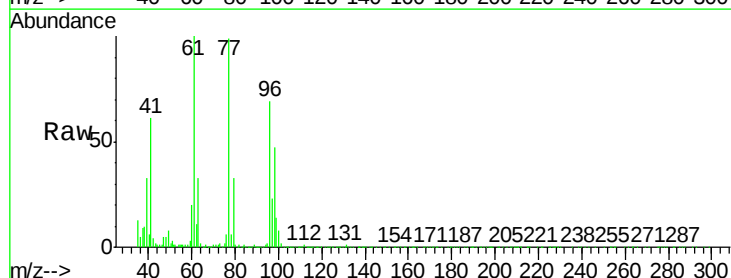
RT: 4.57 min Scan# 604

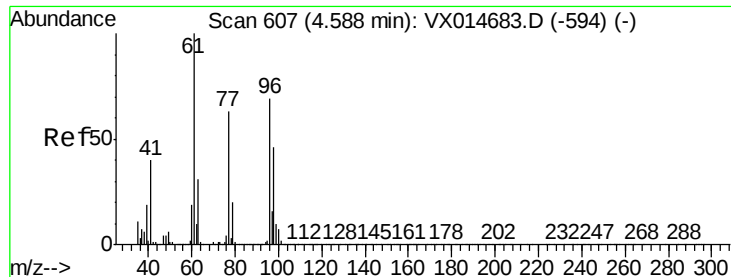
Delta R.T. -0.01 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

| Tgt Ion   | 77   | Resp  | 112990 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 97        | 23.8 | 11.8  | 35.3   |





#27

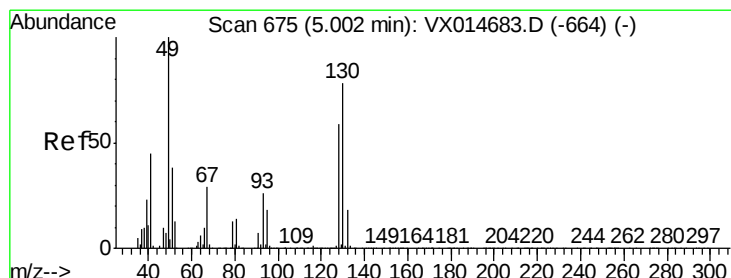
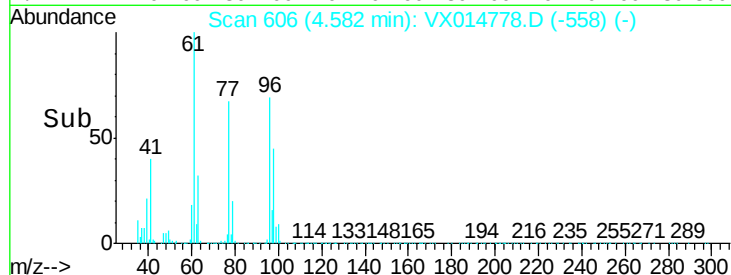
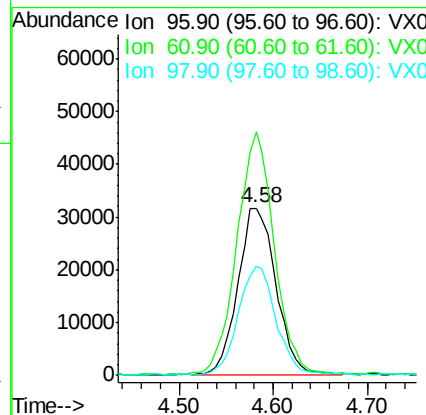
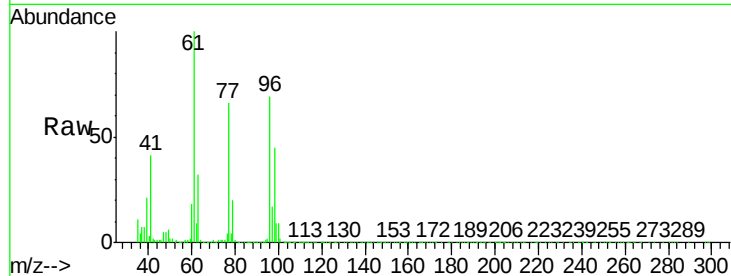
cis-1,2-Dichloroethene  
Concen: 18.009 ug/l  
RT: 4.58 min Scan# 606  
Delta R.T. -0.01 min  
Lab File: VX014778.D  
Acq: 31 Jan 2020 12:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0131WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 142.2 | 0.0   | 291.0 |
| 98      | 64.5  | 0.0   | 129.8 |

Manual Integrations  
APPROVED

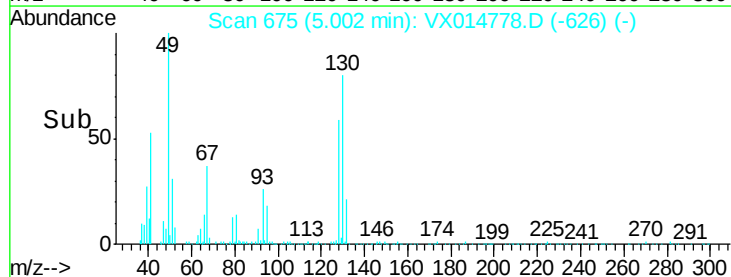
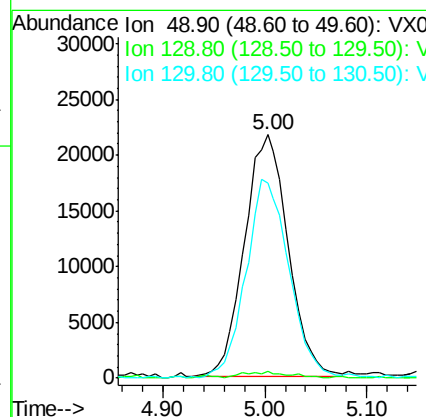
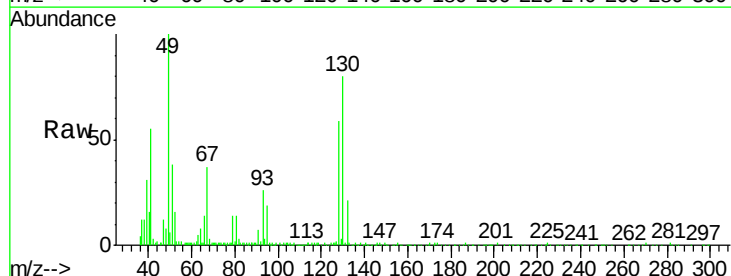
MMDadoda  
2/4/2020 3:35:52 PM

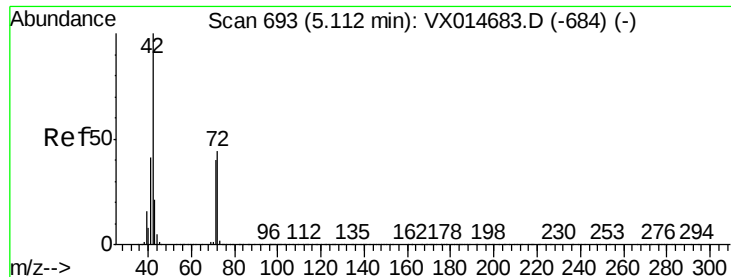


#28

Bromochloromethane  
Concen: 18.850 ug/l  
RT: 5.00 min Scan# 675  
Delta R.T. 0.00 min  
Lab File: VX014778.D  
Acq: 31 Jan 2020 12:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.9   | 0.0   | 4.8   |
| 130     | 80.3  | 62.4  | 93.6  |





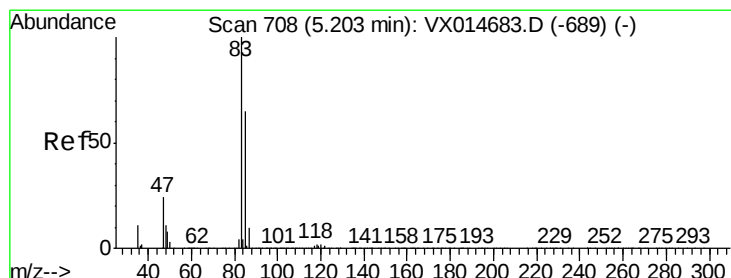
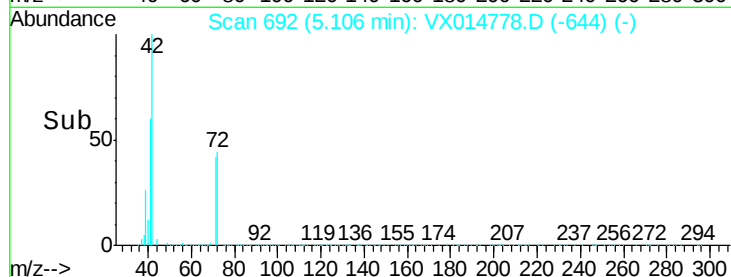
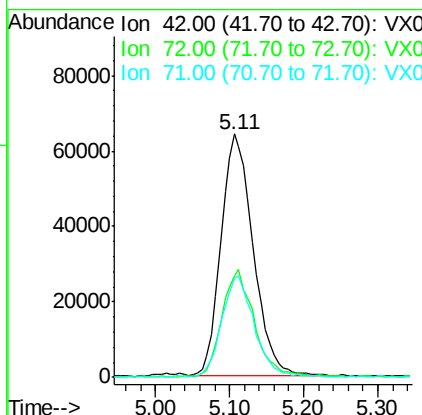
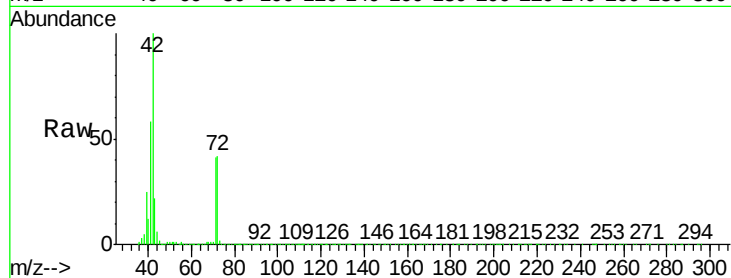
#29  
Tetrahydrofuran  
Concen: 87.250 ug/l  
RT: 5.11 min Scan# 692  
Delta R.T. -0.01 min  
Lab File: VX014778.D  
Acq: 31 Jan 2020 12:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0131WBS02

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 42      | 100  |       | 191950 |       |       |
| 72      | 44.8 | 35.3  | 52.9   |       |       |
| 71      | 42.4 | 33.1  | 49.7   |       |       |

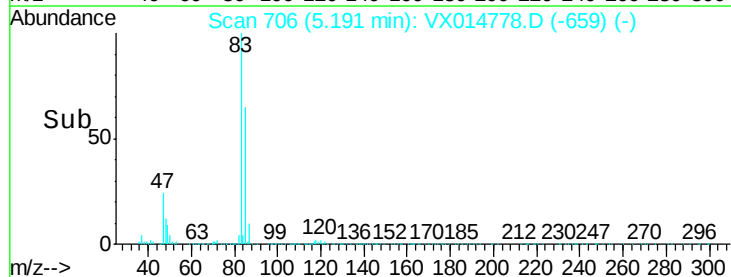
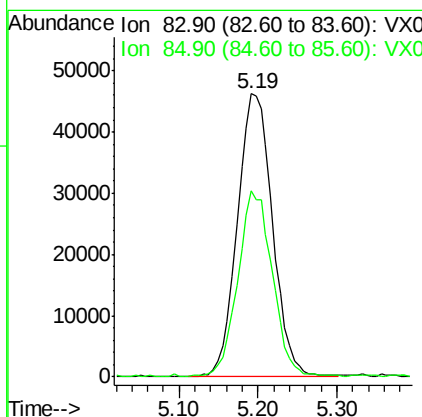
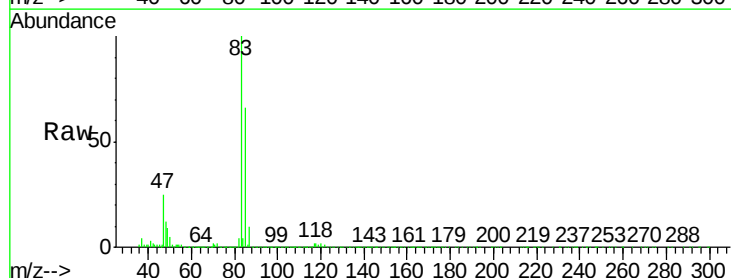
Manual Integrations  
APPROVED

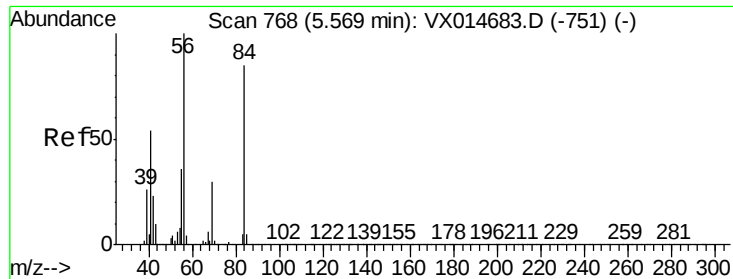
MMDadoda  
2/4/2020 3:35:52 PM



#30  
Chloroform  
Concen: 18.440 ug/l  
RT: 5.19 min Scan# 706  
Delta R.T. -0.01 min  
Lab File: VX014778.D  
Acq: 31 Jan 2020 12:35

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 83      | 100  |       | 142559 |       |       |
| 85      | 65.6 | 51.7  | 77.5   |       |       |





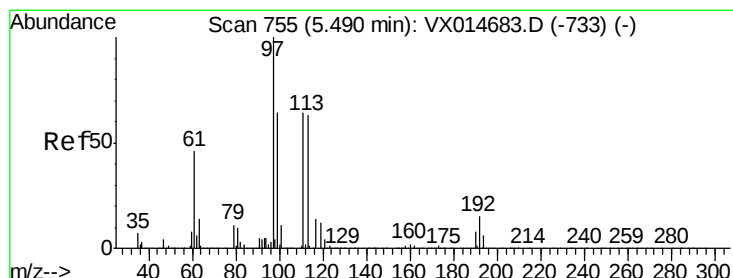
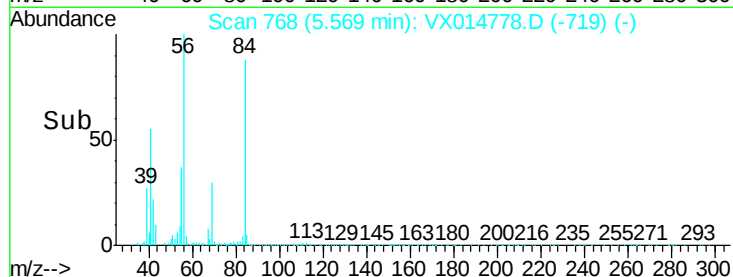
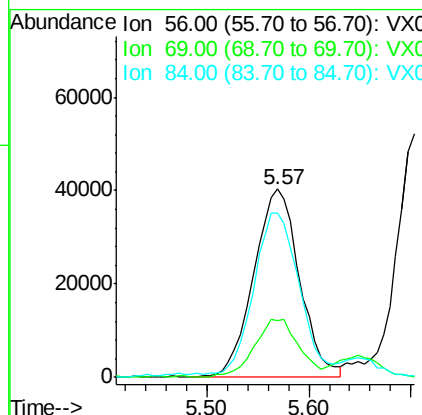
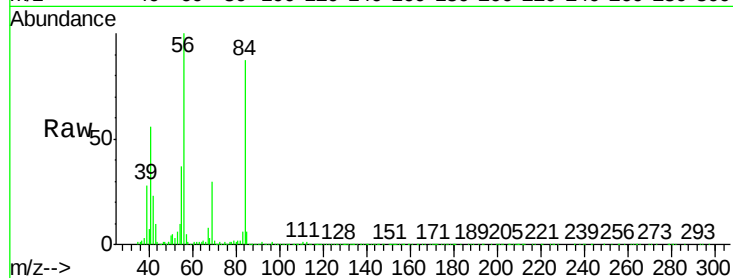
#31  
Cyclohexane  
Concen: 16.954 ug/l  
RT: 5.57 min Scan# 768  
Delta R.T. 0.00 min  
Lab File: VX014778.D  
Acq: 31 Jan 2020 12:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0131WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 29.8  | 23.4  | 35.2  |
| 84      | 85.8  | 68.4  | 102.6 |

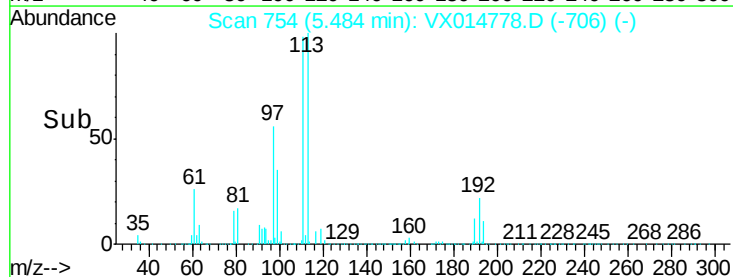
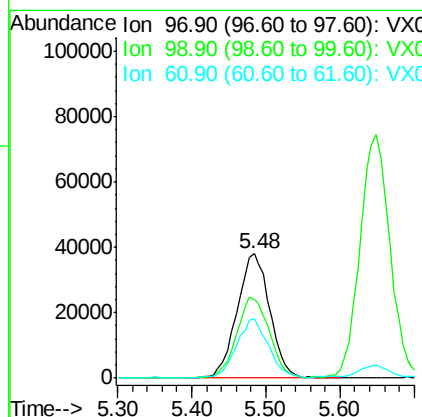
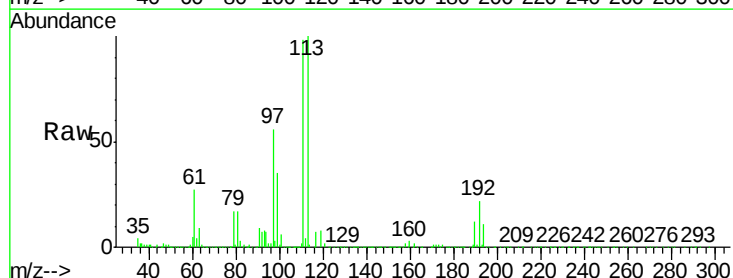
Manual Integrations  
APPROVED

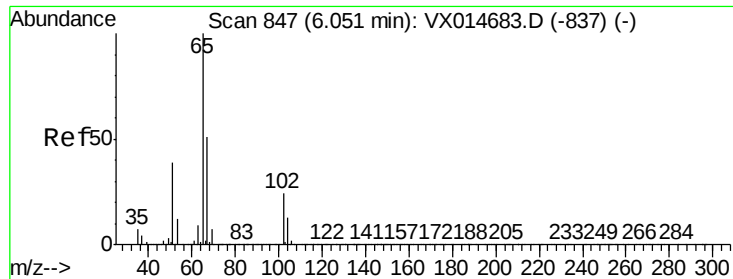
MMDadoda  
2/4/2020 3:35:52 PM



#32  
1,1,1-Trichloroethane  
Concen: 17.847 ug/l  
RT: 5.48 min Scan# 754  
Delta R.T. -0.01 min  
Lab File: VX014778.D  
Acq: 31 Jan 2020 12:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.8  | 52.3  | 78.5  |
| 61      | 46.0  | 37.2  | 55.8  |





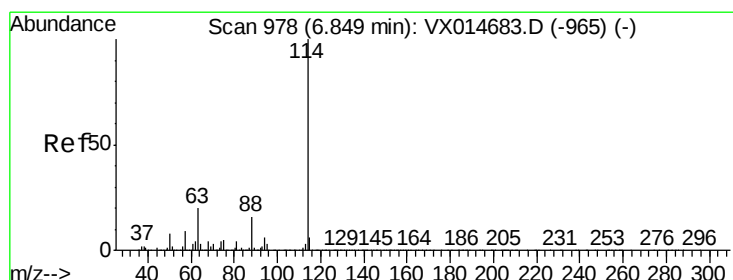
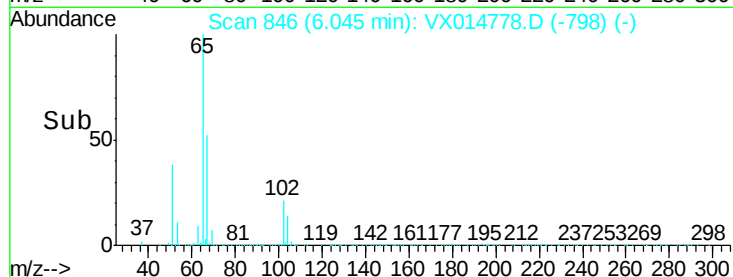
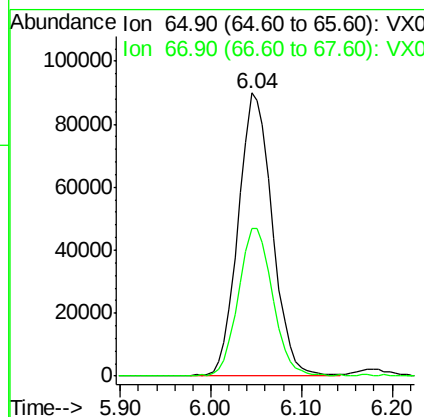
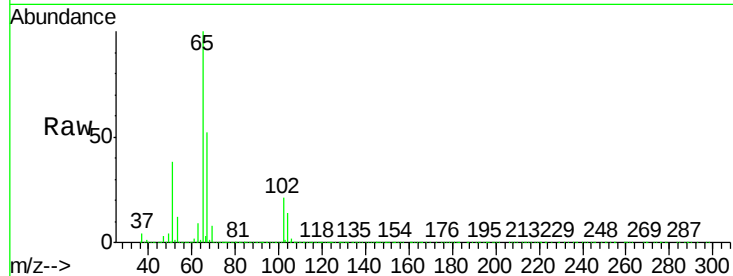
#33  
 1,2-Dichloroethane-d4  
 Concen: 49.486 ug/l  
 RT: 6.04 min Scan# 846  
 Delta R.T. -0.01 min  
 Lab File: VX014778.D  
 Acq: 31 Jan 2020 12:35

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0131WBS02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 233597 |       |       |
| 67      | 52.3  | 0.0    | 107.4 |       |

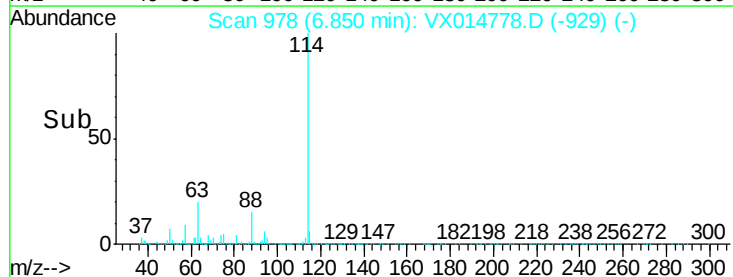
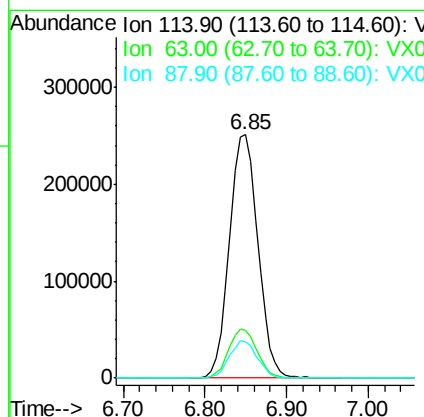
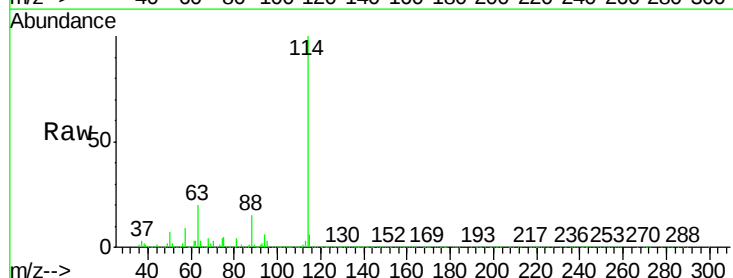
Manual Integrations  
 APPROVED

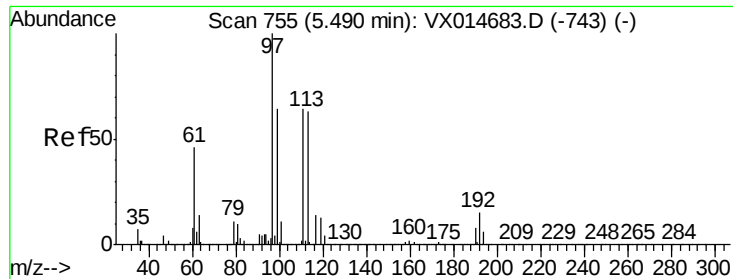
MMDadoda  
 2/4/2020 3:35:52 PM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.85 min Scan# 978  
 Delta R.T. 0.00 min  
 Lab File: VX014778.D  
 Acq: 31 Jan 2020 12:35

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 604766 |       |       |
| 63      | 19.7  | 0.0    | 40.6  |       |
| 88      | 15.0  | 0.0    | 31.2  |       |





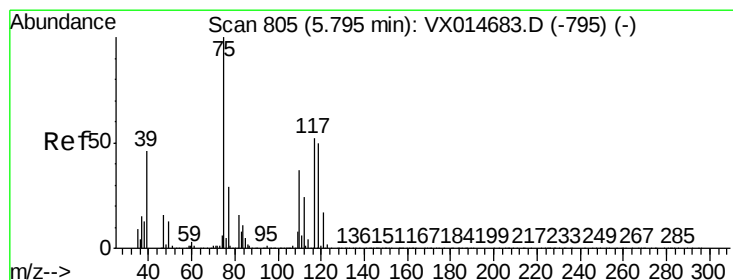
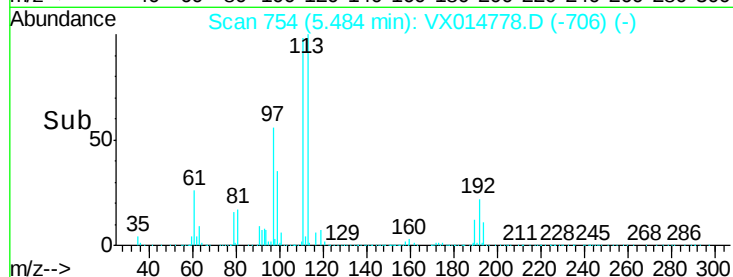
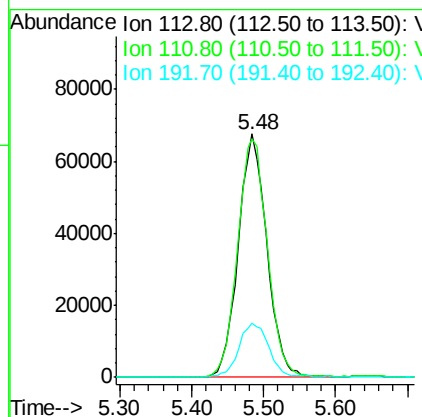
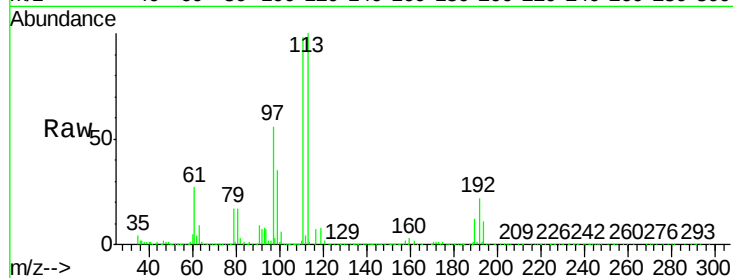
#35  
Dibromofluoromethane  
Concen: 48.581 ug/l  
RT: 5.48 min Scan# 754  
Delta R.T. -0.01 min  
Lab File: VX014778.D  
Acq: 31 Jan 2020 12:35

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0131WBS02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 185385 |       |       |
| 111     | 102.1 | 80.7   | 121.1 |       |
| 192     | 23.6  | 18.5   | 27.7  |       |

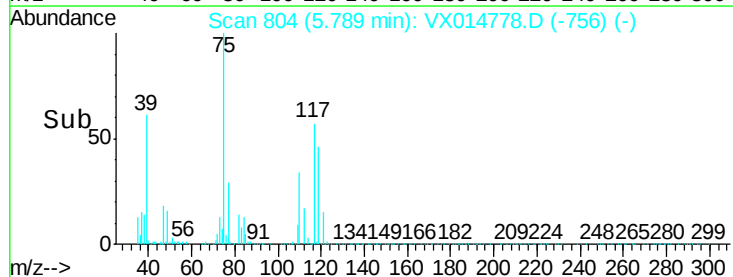
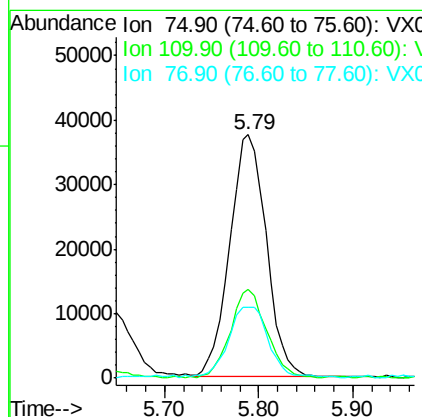
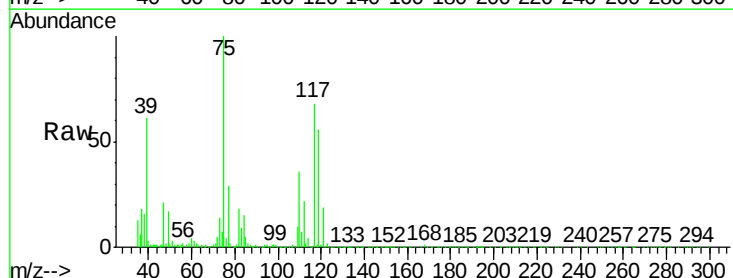
Manual Integrations  
APPROVED

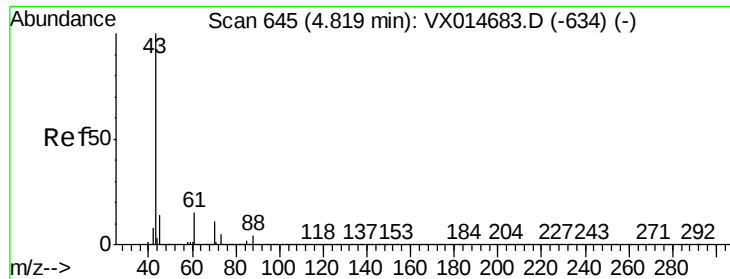
MMDadoda  
2/4/2020 3:35:52 PM



#36  
1,1-Dichloropropene  
Concen: 18.087 ug/l  
RT: 5.79 min Scan# 804  
Delta R.T. -0.01 min  
Lab File: VX014778.D  
Acq: 31 Jan 2020 12:35

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 101637 |       |       |
| 110     | 35.7  | 17.9   | 53.7  |       |
| 77      | 31.9  | 24.1   | 36.1  |       |





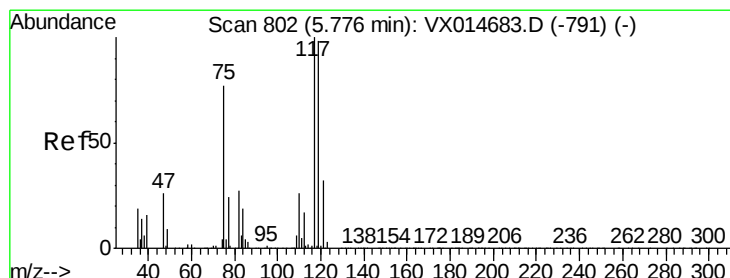
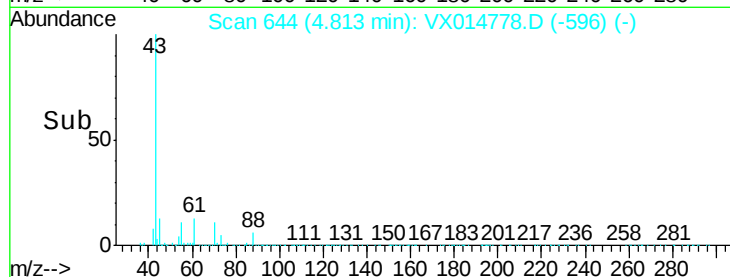
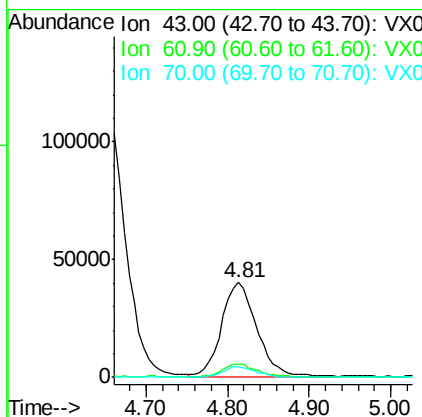
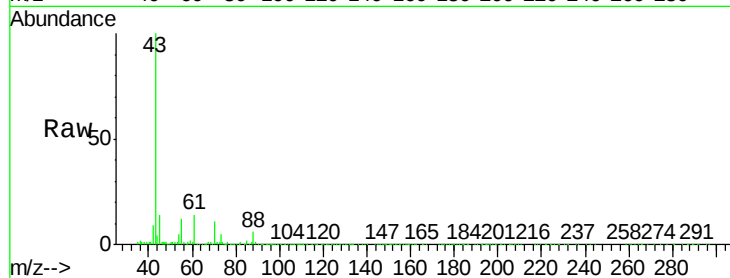
#37  
Ethyl Acetate  
Concen: 18.365 ug/l  
RT: 4.81 min Scan# 644  
Delta R.T. -0.01 min  
Lab File: VX014778.D  
Acq: 31 Jan 2020 12:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0131WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 13.1  | 11.0  | 16.4  |
| 70      | 10.2  | 8.5   | 12.7  |

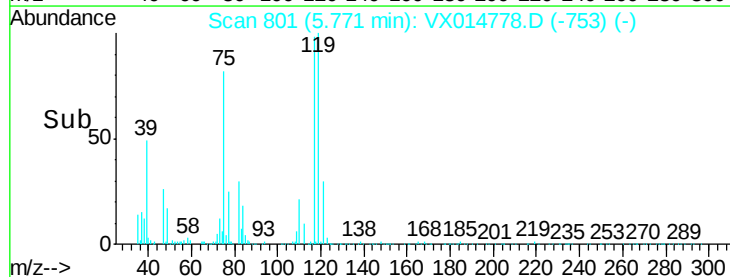
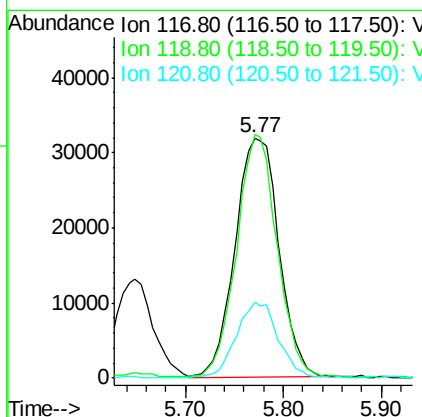
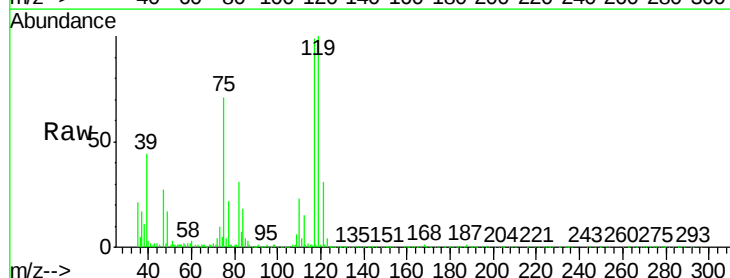
Manual Integrations  
APPROVED

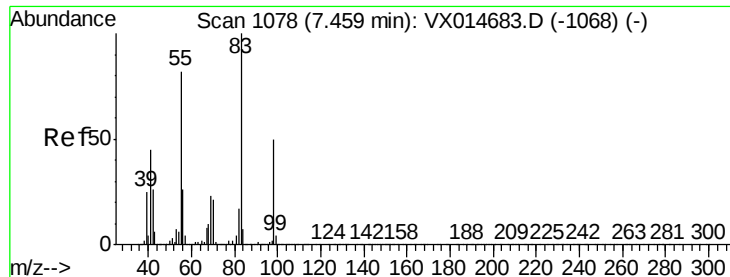
MMDadoda  
2/4/2020 3:35:52 PM



#38  
Carbon Tetrachloride  
Concen: 18.437 ug/l  
RT: 5.77 min Scan# 801  
Delta R.T. -0.01 min  
Lab File: VX014778.D  
Acq: 31 Jan 2020 12:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 101.3 | 77.9  | 116.9 |
| 121     | 31.5  | 25.4  | 38.2  |





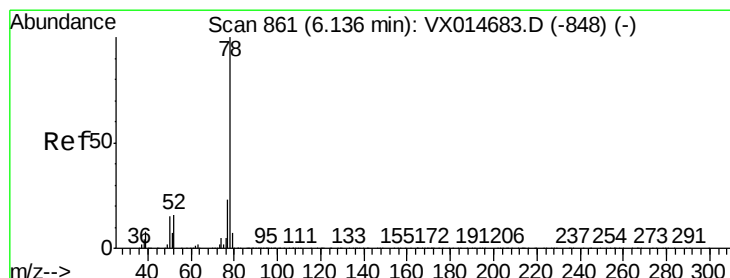
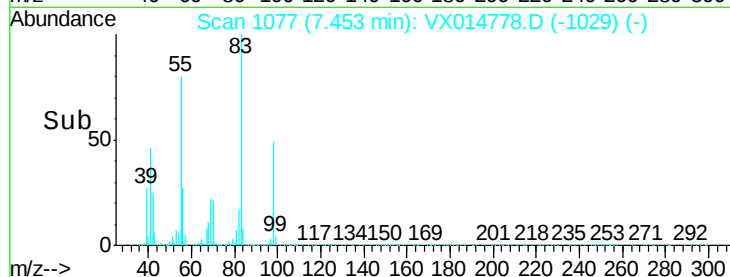
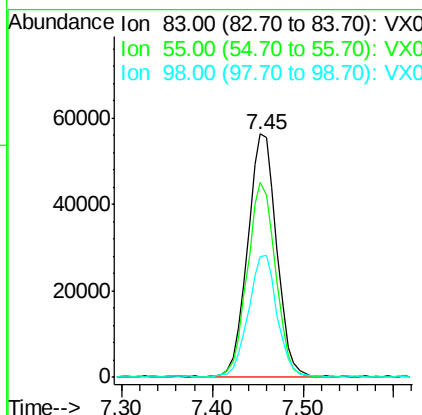
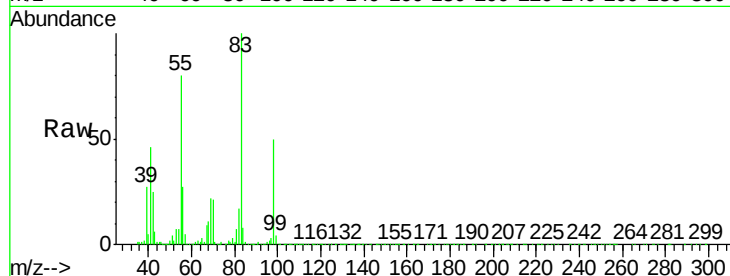
#39  
Methvlcvclohexane  
Concen: 17.774 ug/l  
RT: 7.45 min Scan# 1077  
Delta R.T. -0.01 min  
Lab File: VX014778.D  
Acq: 31 Jan 2020 12:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0131WBS02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 125129 |       |       |
| 55      | 79.2  |        | 65.6  | 98.4  |
| 98      | 49.2  |        | 40.2  | 60.4  |

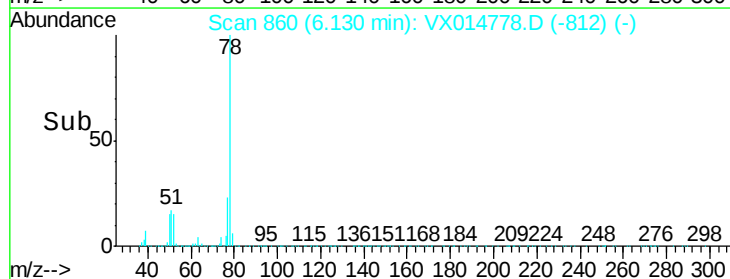
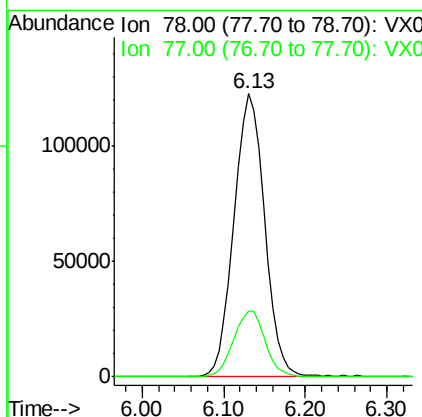
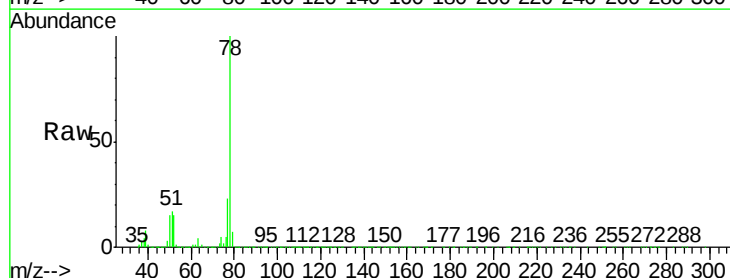
Manual Integrations  
APPROVED

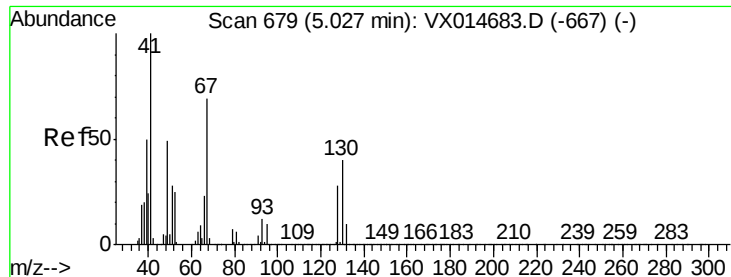
MMDadoda  
2/4/2020 3:35:52 PM



#40  
Benzene  
Concen: 18.390 ug/l  
RT: 6.13 min Scan# 860  
Delta R.T. -0.01 min  
Lab File: VX014778.D  
Acq: 31 Jan 2020 12:35

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 78      | 100   | 319309 |       |       |
| 77      | 23.2  |        | 18.7  | 28.1  |





#41

Methacrylonitrile

Concen: 17.711 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

Instrument :

MSVOA\_X

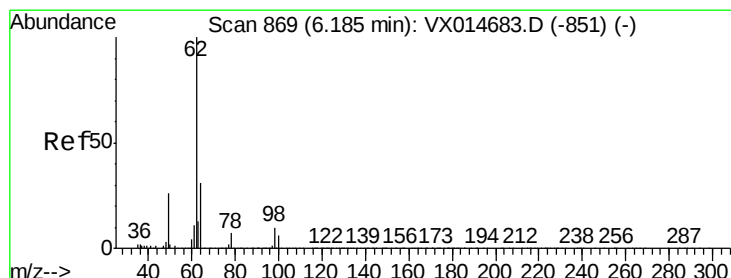
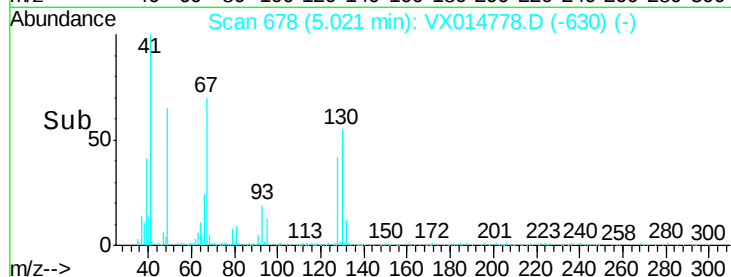
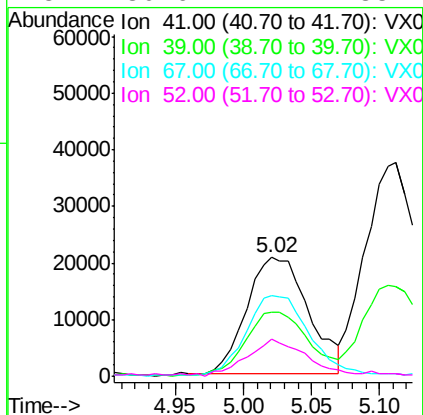
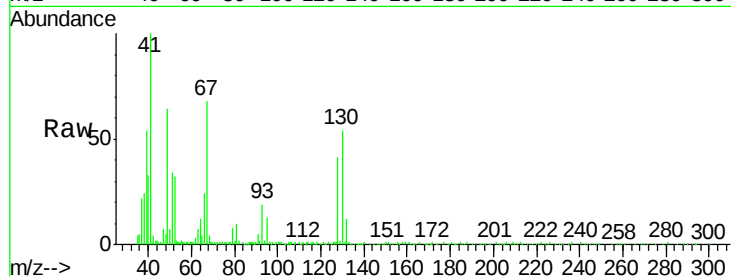
ClientSampleId :

VX0131WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 57.1  | 42.2  | 63.2  |
| 67      | 69.0  | 55.4  | 83.0  |
| 52      | 30.6  | 22.1  | 33.1  |

Manual Integrations  
APPROVED

MMDadoda  
2/4/2020 3:35:52 PM



#42

1,2-Dichloroethane

Concen: 19.923 ug/l

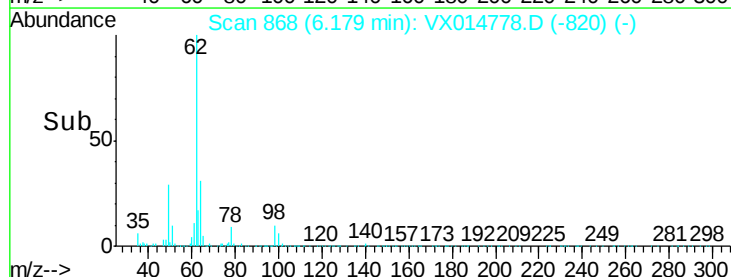
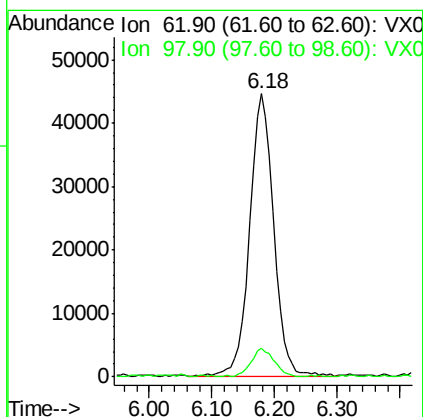
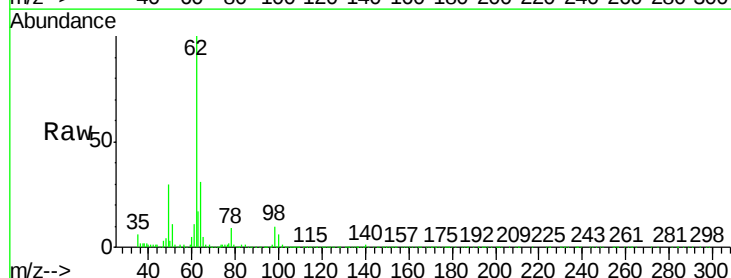
RT: 6.18 min Scan# 868

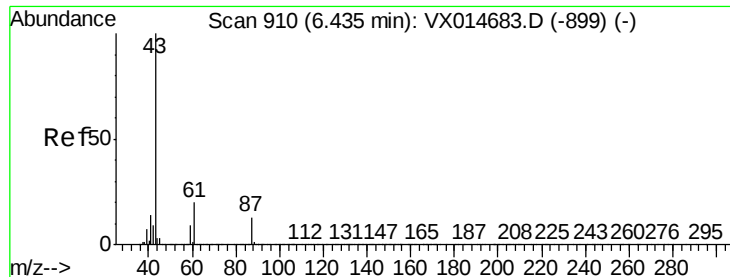
Delta R.T. -0.01 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 10.0  | 0.0   | 20.0  |





#43

Isopropyl Acetate

Concen: 18.175 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

Instrument :

MSVOA\_X

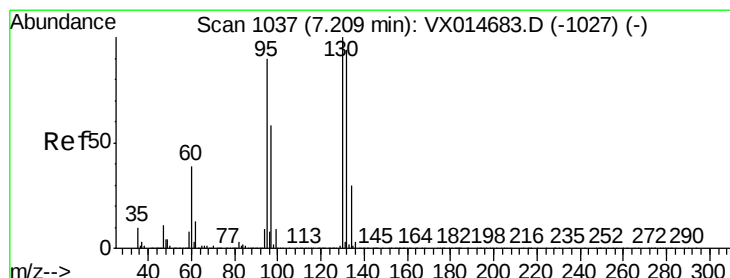
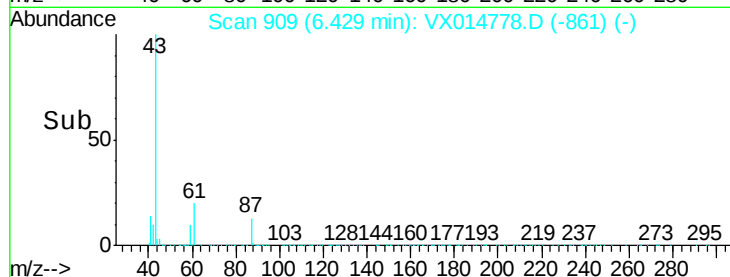
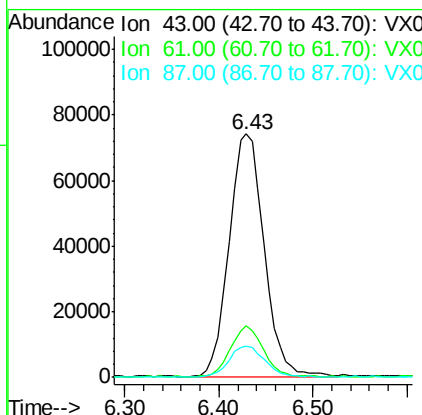
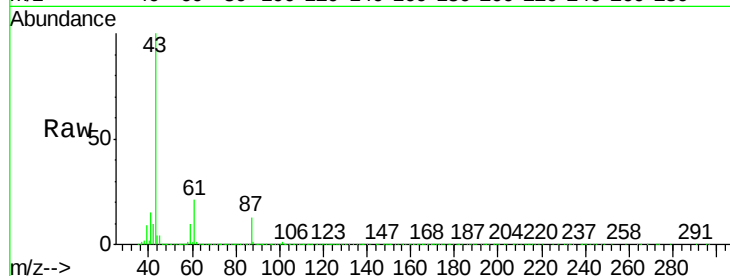
ClientSampleId :

VX0131WBS02

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 43   | Resp: | 191552 |
| Ion Ratio |      | Lower | Upper  |
| 43        | 100  |       |        |
| 61        | 19.6 | 16.2  | 24.4   |
| 87        | 13.7 | 10.5  | 15.7   |

Manual Integrations  
APPROVED

MMDadoda  
2/4/2020 3:35:52 PM



#44

Trichloroethene

Concen: 18.071 ug/l

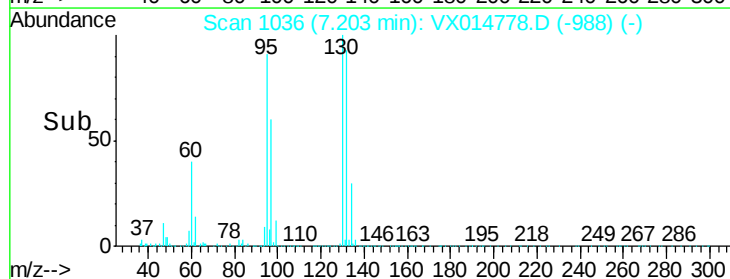
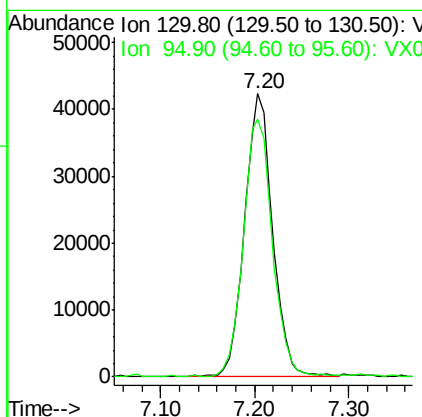
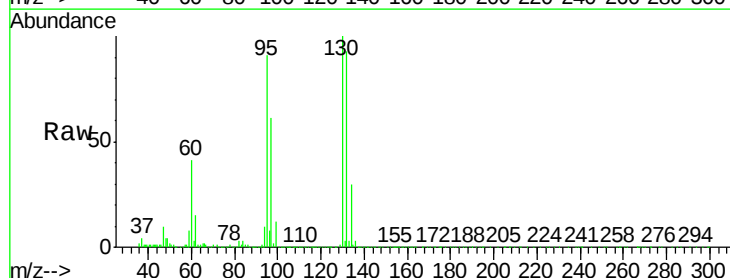
RT: 7.20 min Scan# 1036

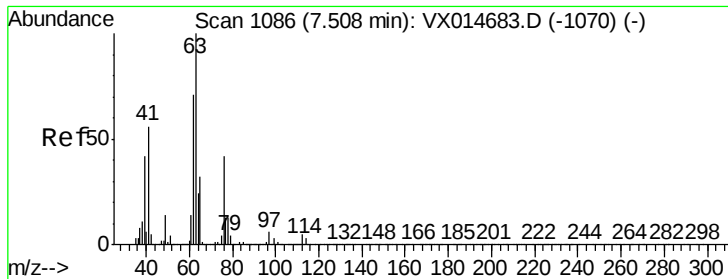
Delta R.T. -0.01 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 130  | Resp: | 88627 |
| Ion Ratio |      | Lower | Upper |
| 130       | 100  |       |       |
| 95        | 90.9 | 0.0   | 179.8 |





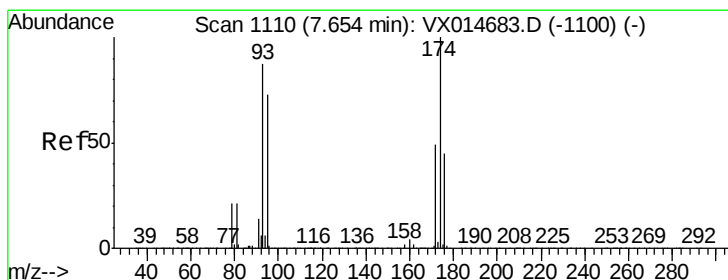
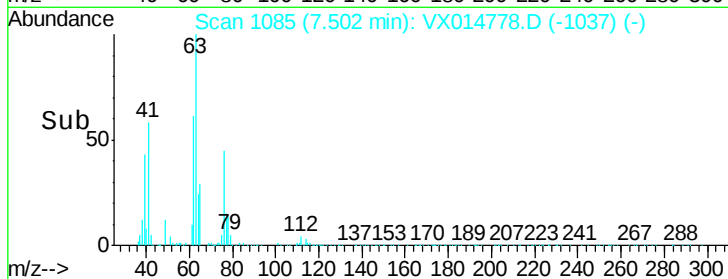
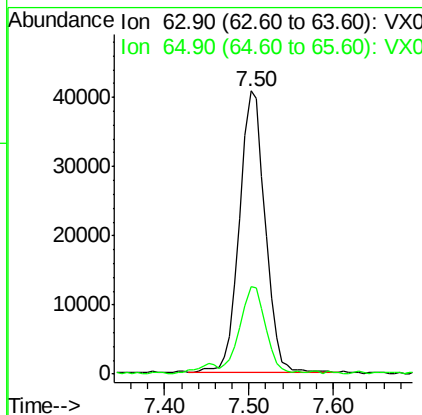
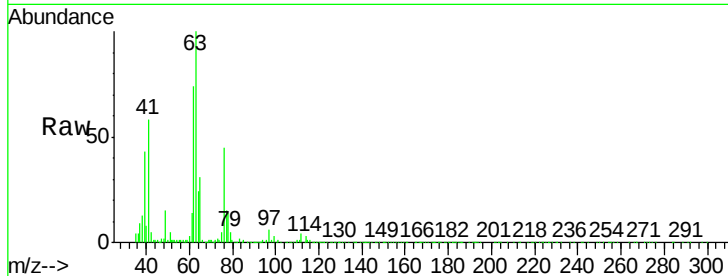
#45  
 1,2-Dichloropropane  
 Concen: 18.838 ug/l  
 RT: 7.50 min Scan# 1085  
 Delta R.T. -0.01 min  
 Lab File: VX014778.D  
 Acq: 31 Jan 2020 12:35

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0131WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 30.1  | 25.2  | 37.8  |

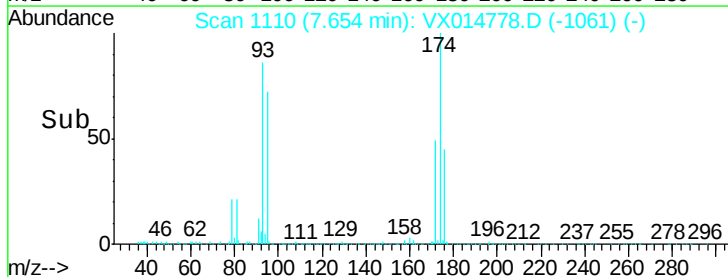
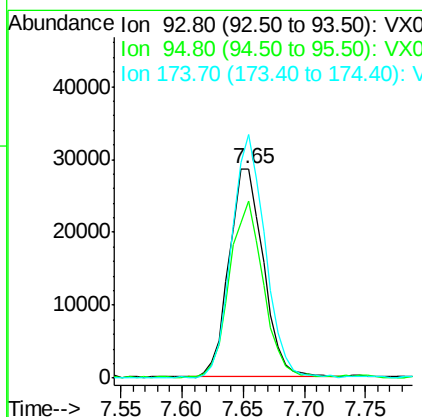
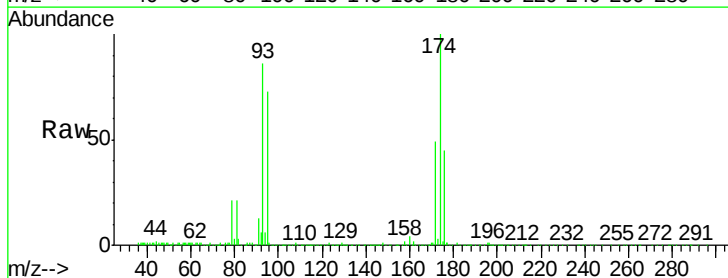
Manual Integrations  
 APPROVED

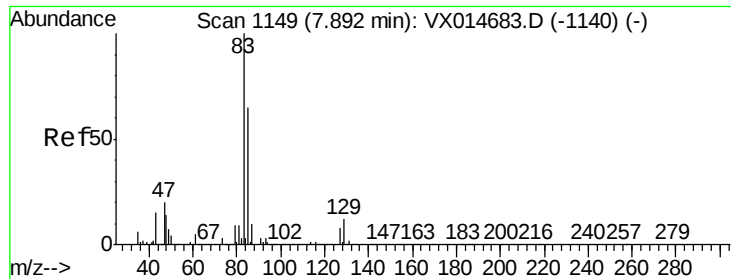
MMDadoda  
 2/4/2020 3:35:52 PM



#46  
 Dibromomethane  
 Concen: 19.130 ug/l  
 RT: 7.65 min Scan# 1110  
 Delta R.T. 0.00 min  
 Lab File: VX014778.D  
 Acq: 31 Jan 2020 12:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 83.2  | 67.0  | 100.4 |
| 174     | 115.3 | 90.2  | 135.2 |





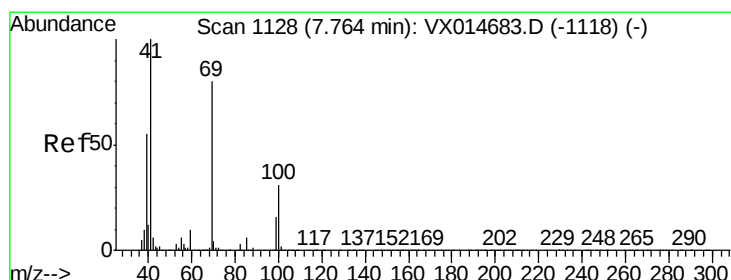
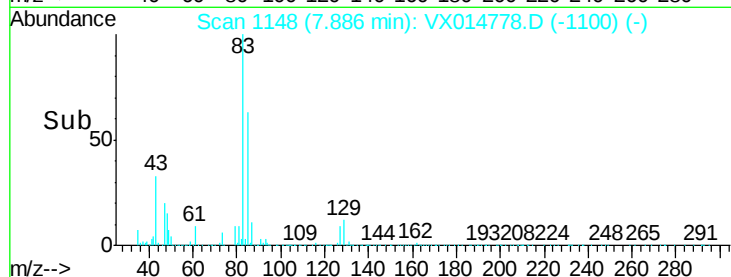
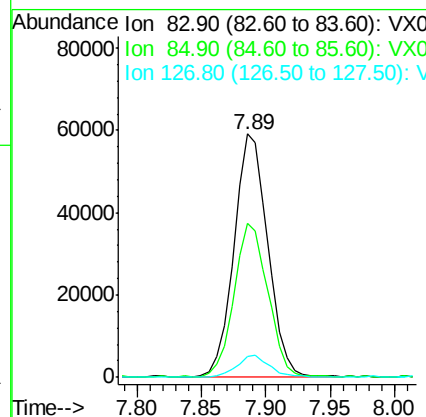
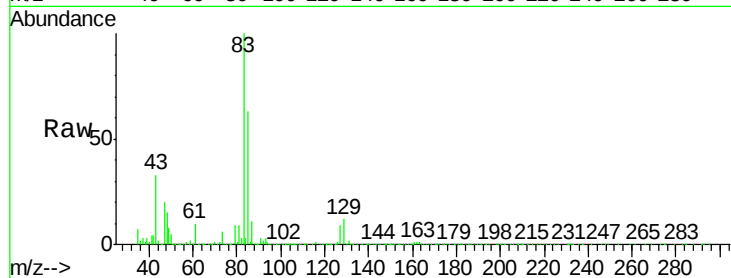
#47  
Bromodichloromethane  
Concen: 18.869 ug/l  
RT: 7.89 min Scan# 1148  
Delta R.T. -0.01 min  
Lab File: VX014778.D  
Acq: 31 Jan 2020 12:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0131WBS02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 107216 |       |       |
| 85      | 63.2  | 52.2   | 78.2  |       |
| 127     | 8.7   | 6.4    | 9.6   |       |

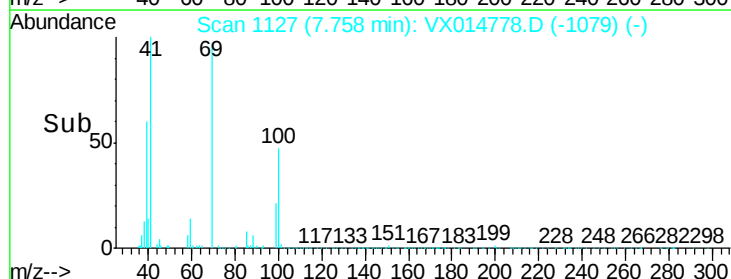
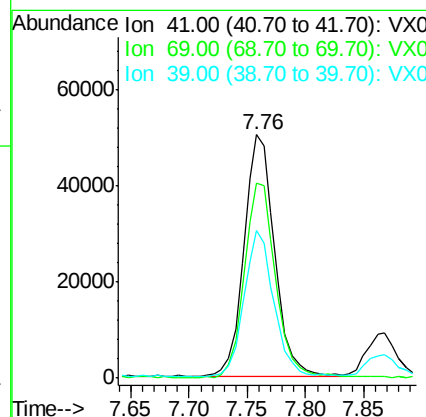
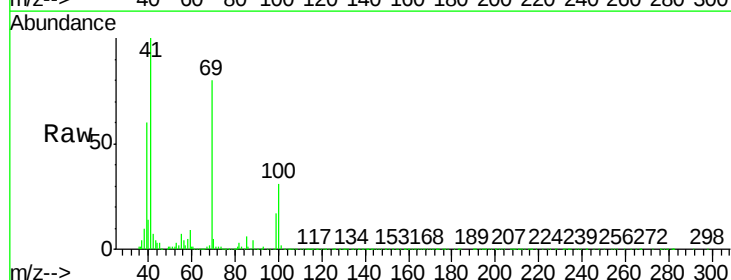
Manual Integrations  
APPROVED

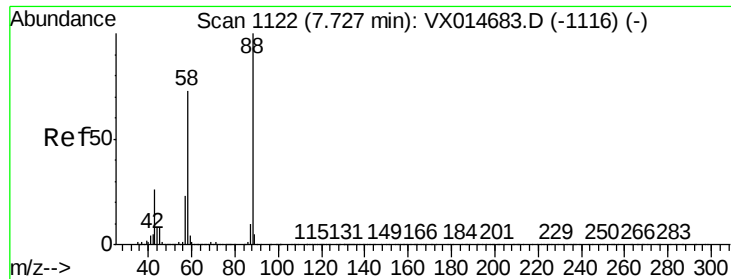
MMDadoda  
2/4/2020 3:35:52 PM



#48  
Methyl methacrylate  
Concen: 18.410 ug/l  
RT: 7.76 min Scan# 1127  
Delta R.T. -0.01 min  
Lab File: VX014778.D  
Acq: 31 Jan 2020 12:35

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 41      | 100   | 92706 |       |       |
| 69      | 83.1  | 63.5  | 95.3  |       |
| 39      | 58.0  | 43.7  | 65.5  |       |





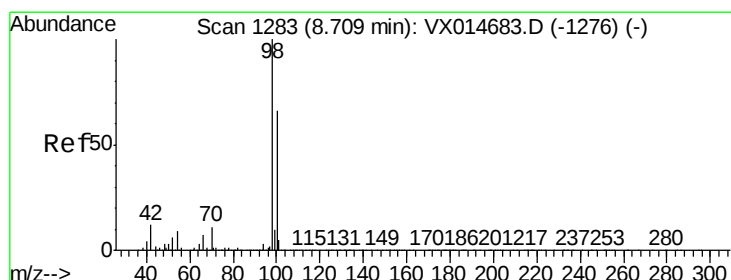
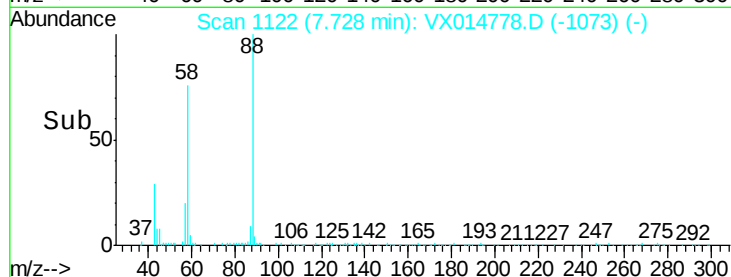
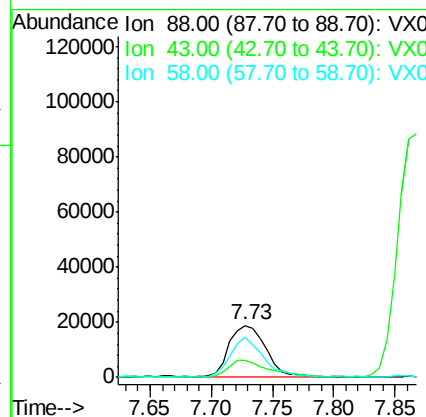
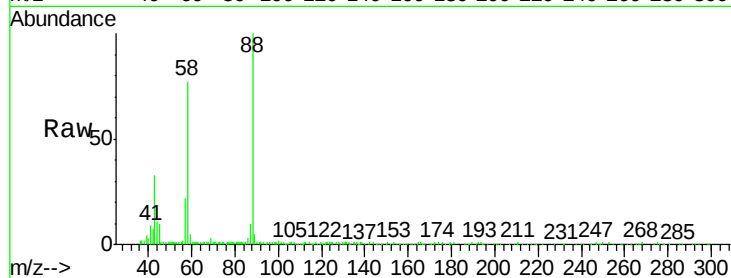
#49  
1,4-Dioxane  
Concen: 369.082 ug/l  
RT: 7.73 min Scan# 1122  
Delta R.T. 0.00 min  
Lab File: VX014778.D  
Acq: 31 Jan 2020 12:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0131WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 34.4  | 26.2  | 39.2  |
| 58      | 68.0  | 56.6  | 85.0  |

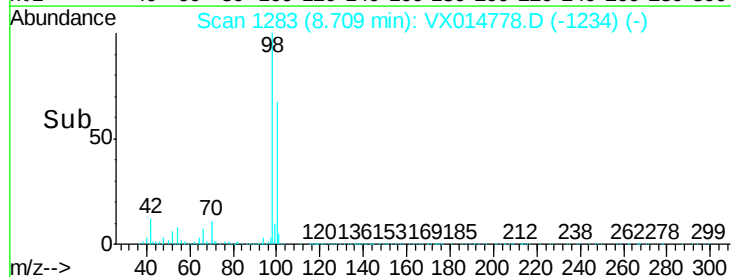
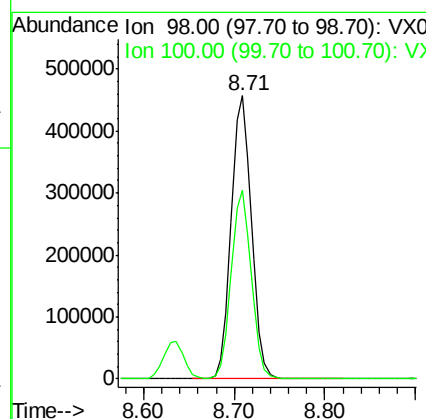
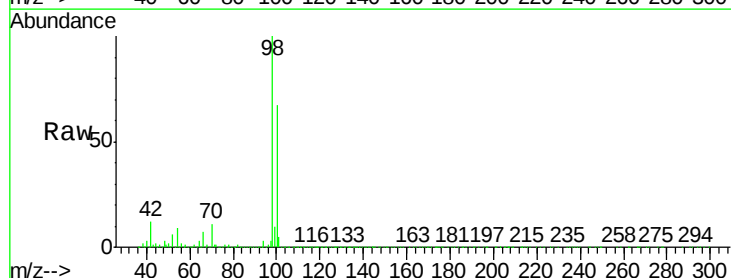
Manual Integrations  
APPROVED

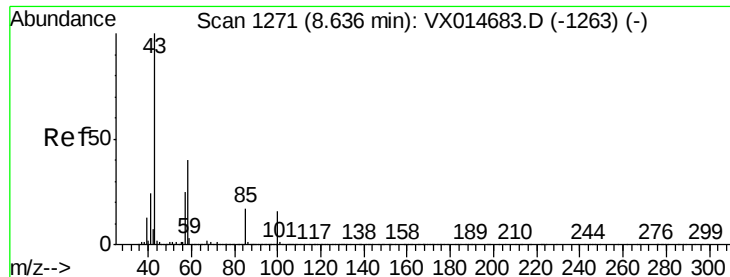
MMDadoda  
2/4/2020 3:35:52 PM



#50  
Toluene-d8  
Concen: 48.294 ug/l  
RT: 8.71 min Scan# 1283  
Delta R.T. 0.00 min  
Lab File: VX014778.D  
Acq: 31 Jan 2020 12:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 65.9  | 53.0  | 79.6  |





#51

4-Methyl-2-Pentanone

Concen: 91.023 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

Instrument :

MSVOA\_X

ClientSampleId :

VX0131WBS02

Tot Ion: 43 Resp: 605491

Ion Ratio Lower Upper

43 100

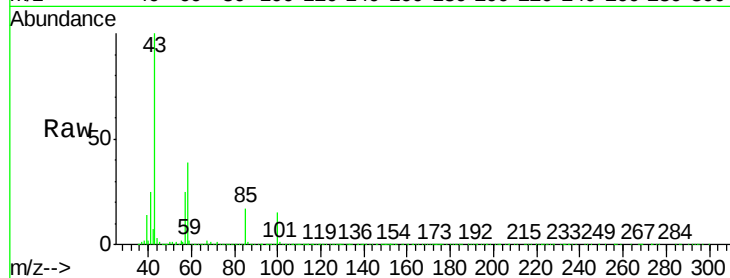
58 39.6 31.6 47.4

Manual Integrations

APPROVED

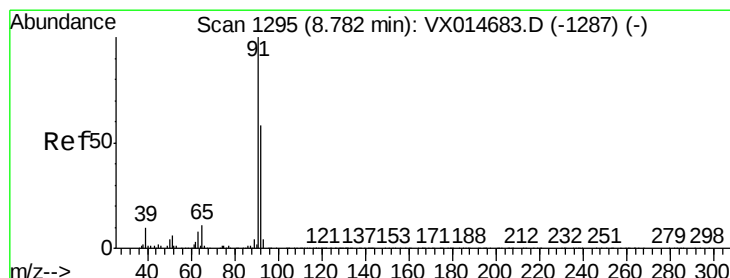
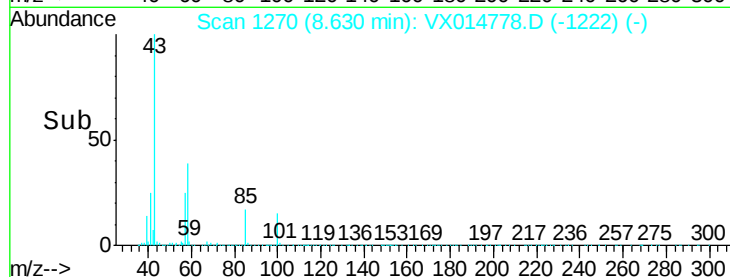
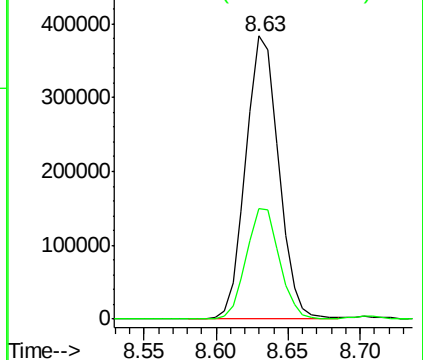
MMDadoda

2/4/2020 3:35:52 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 18.548 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014778.D

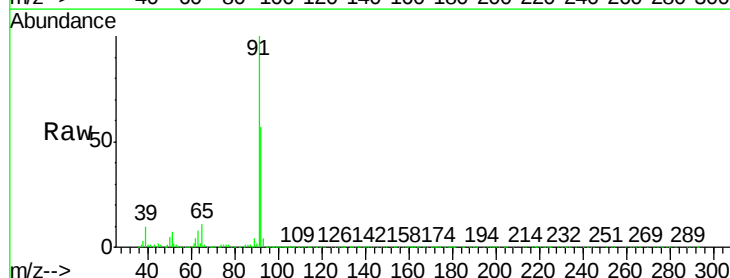
Acq: 31 Jan 2020 12:35

Tgt Ion: 92 Resp: 197967

Ion Ratio Lower Upper

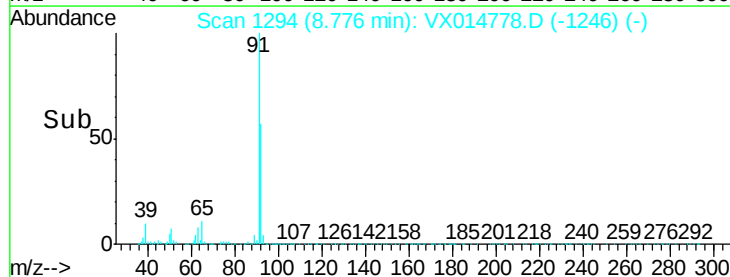
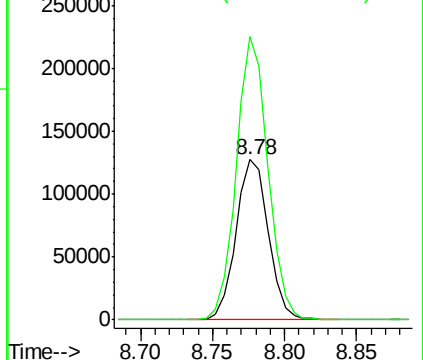
92 100

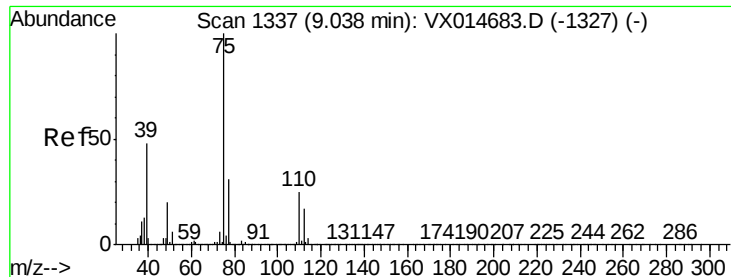
91 173.1 135.9 203.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





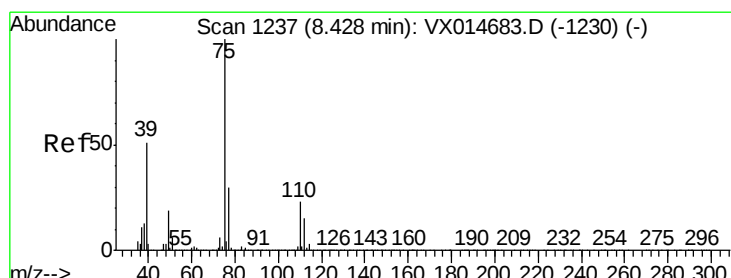
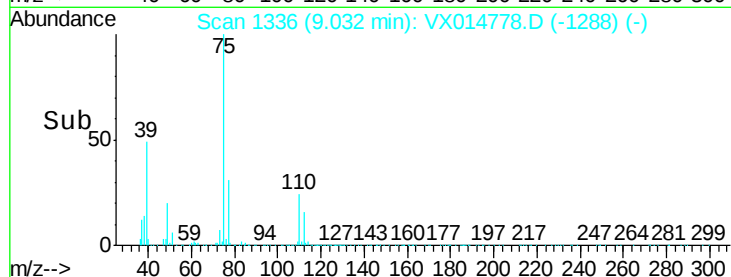
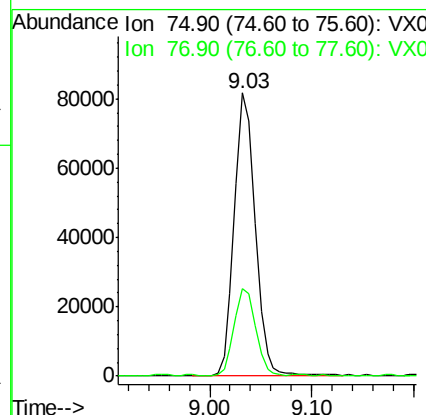
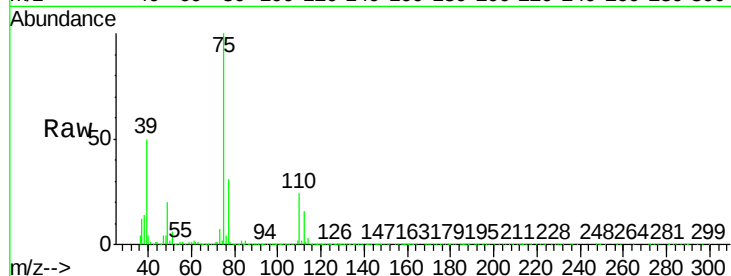
#53  
t-1,3-Dichloropropene  
Concen: 19.140 ug/l  
RT: 9.03 min Scan# 1336  
Delta R.T. -0.01 min  
Lab File: VX014778.D  
Acq: 31 Jan 2020 12:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0131WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 30.5  | 24.9  | 37.3  |

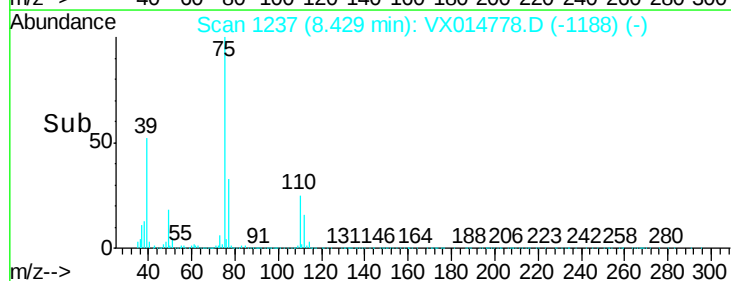
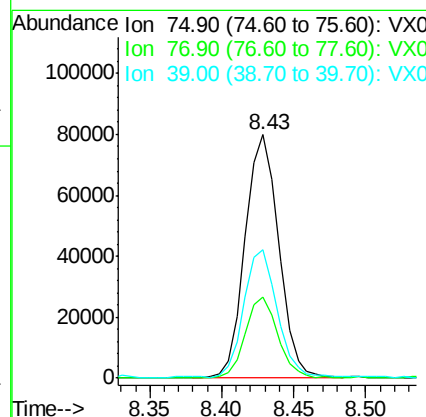
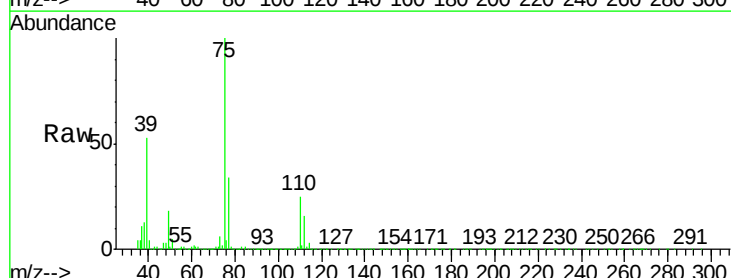
Manual Integrations  
APPROVED

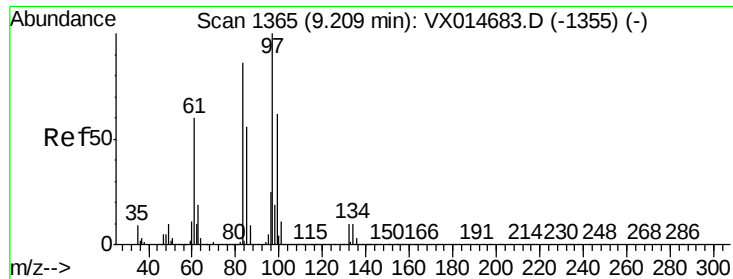
MMDadoda  
2/4/2020 3:35:52 PM



#54  
cis-1,3-Dichloropropene  
Concen: 19.181 ug/l  
RT: 8.43 min Scan# 1237  
Delta R.T. 0.00 min  
Lab File: VX014778.D  
Acq: 31 Jan 2020 12:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 33.3  | 23.9  | 35.9  |
| 39      | 52.0  | 40.9  | 61.3  |





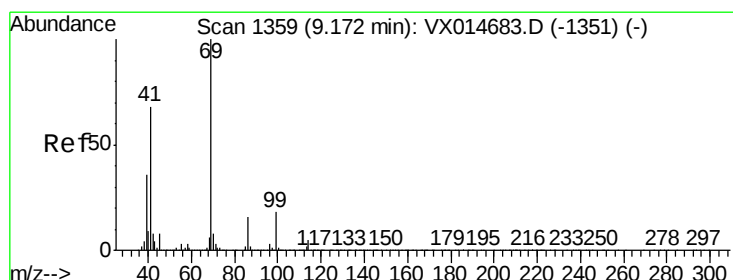
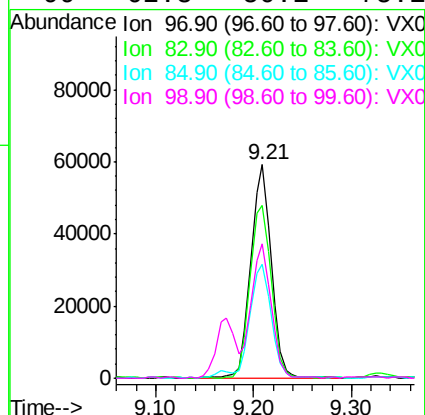
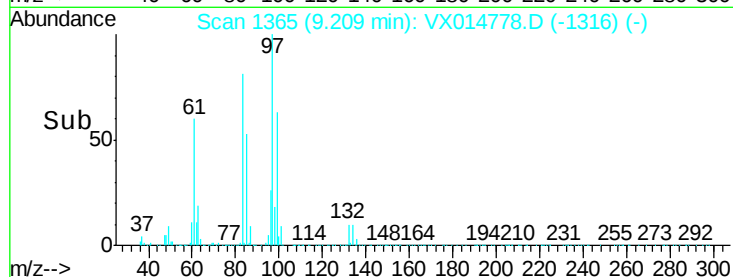
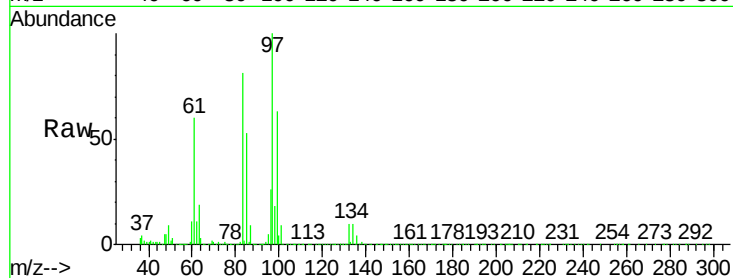
#55  
 1,1,2-Trichloroethane  
 Concen: 19.598 ug/l  
 RT: 9.21 min Scan# 1365  
 Delta R.T. 0.00 min  
 Lab File: VX014778.D  
 Acq: 31 Jan 2020 12:35

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0131WBS02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 85641 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 80.8  | 69.2  | 103.8 |
| 85       | 53.0  | 44.6  | 67.0  |
| 99       | 62.8  | 50.1  | 75.1  |

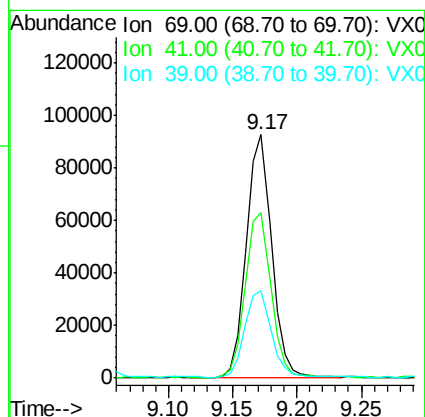
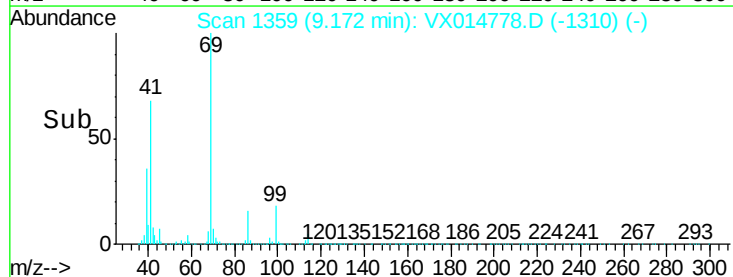
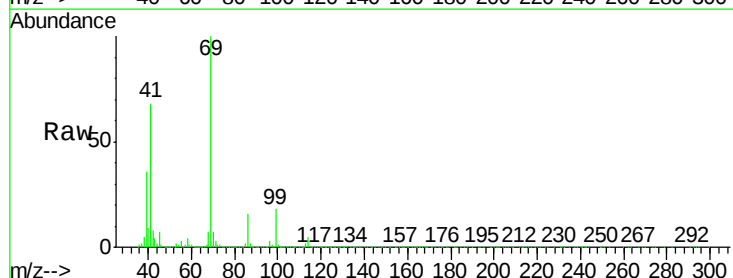
Manual Integrations  
 APPROVED

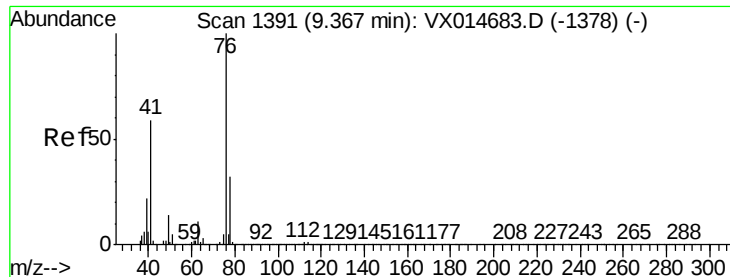
MMDadoda  
 2/4/2020 3:35:52 PM



#56  
 Ethyl methacrylate  
 Concen: 17.966 ug/l  
 RT: 9.17 min Scan# 1359  
 Delta R.T. 0.00 min  
 Lab File: VX014778.D  
 Acq: 31 Jan 2020 12:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 124316 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 69.5  | 54.9  | 82.3   |
| 39       | 37.6  | 29.3  | 43.9   |





#57

1,3-Dichloropropane

Concen: 19.024 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

Instrument :

MSVOA\_X

ClientSampleId :

VX0131WBS02

Tot Ion: 76 Resp: 142108

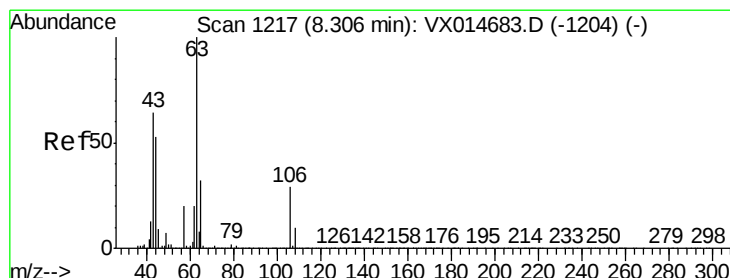
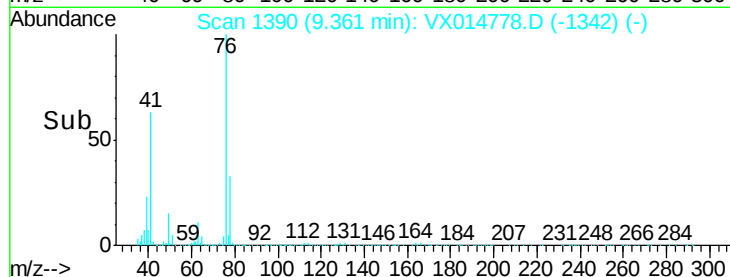
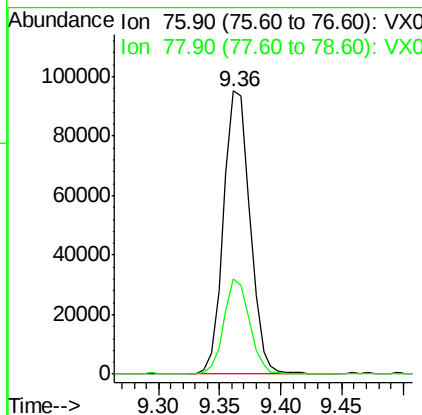
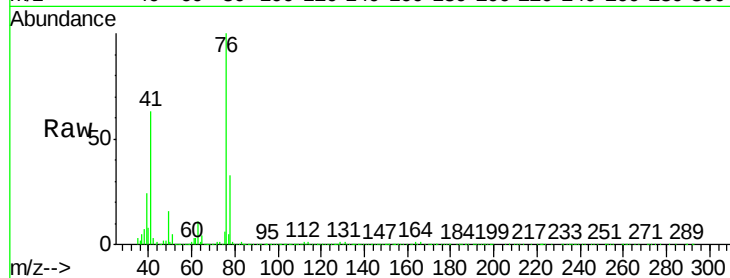
Ion Ratio Lower Upper

76 100

78 32.0 26.0 39.0

Manual Integrations  
APPROVED

MMDadoda  
2/4/2020 3:35:52 PM



#58

2-Chloroethyl Vinyl ether

Concen: 98.146 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014778.D

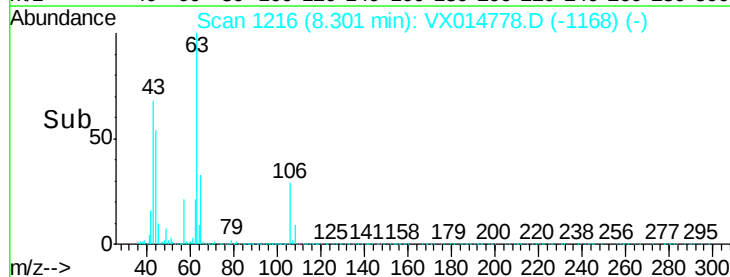
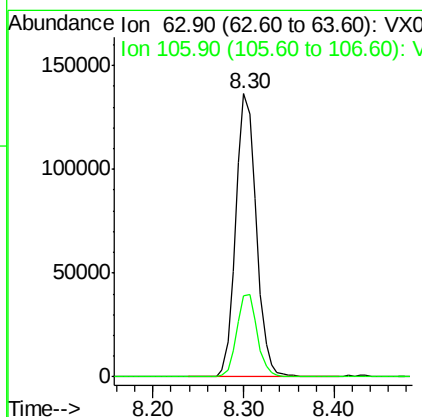
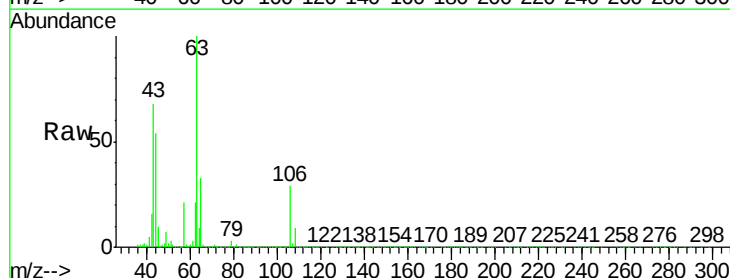
Acq: 31 Jan 2020 12:35

Tgt Ion: 63 Resp: 215687

Ion Ratio Lower Upper

63 100

106 29.0 22.7 34.1





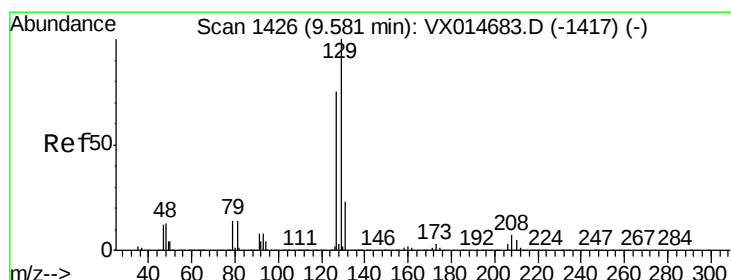
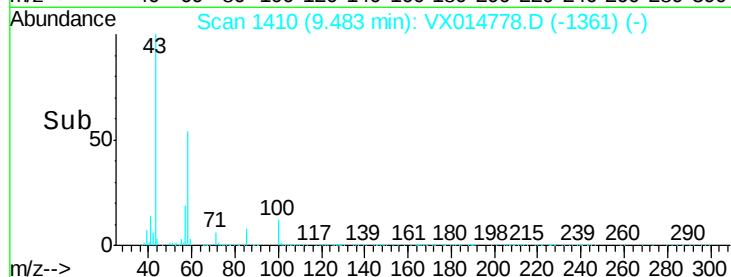
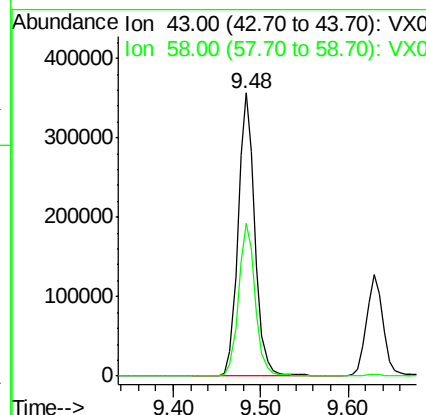
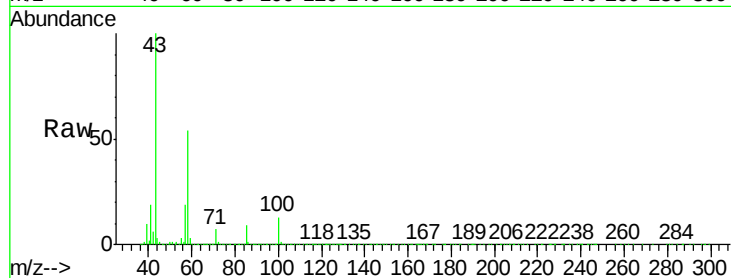
#59  
2-Hexanone  
Concen: 92.794 ug/l  
RT: 9.48 min Scan# 1410  
Delta R.T. 0.00 min  
Lab File: VX014778.D  
Acq: 31 Jan 2020 12:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0131WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 53.5  | 27.2  | 81.5  |

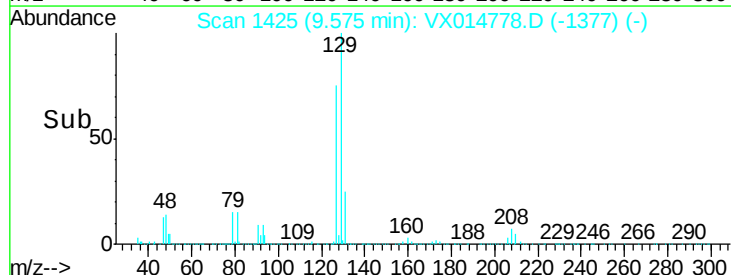
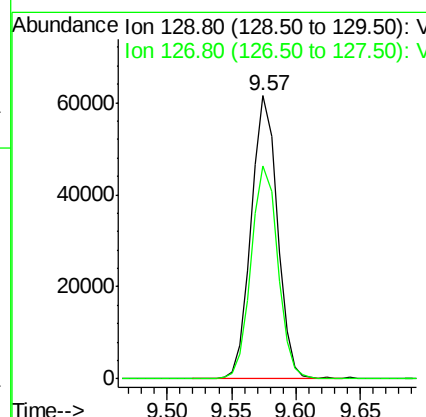
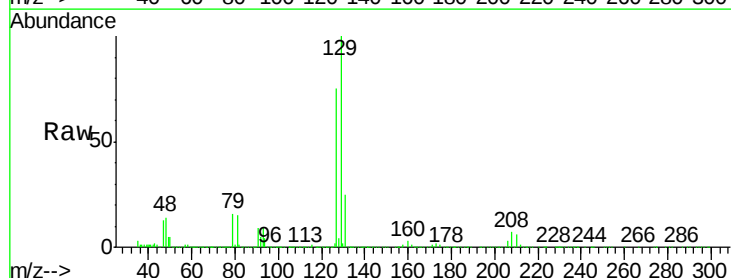
Manual Integrations  
APPROVED

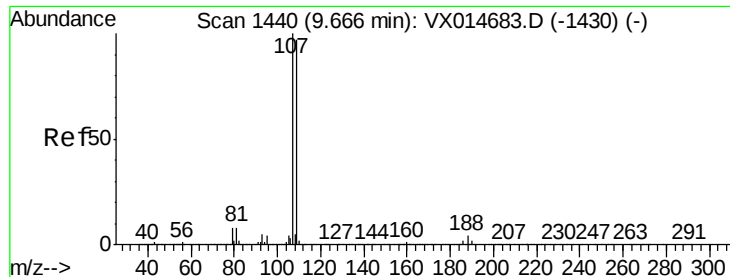
MMDadoda  
2/4/2020 3:35:52 PM



#60  
Dibromochloromethane  
Concen: 18.955 ug/l  
RT: 9.57 min Scan# 1425  
Delta R.T. -0.01 min  
Lab File: VX014778.D  
Acq: 31 Jan 2020 12:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 100   |       |       |
| 127     | 76.3  | 38.5  | 115.5 |





#61

1,2-Dibromoethane

Concen: 18.881 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

Instrument :

MSVOA\_X

ClientSampleId :

VX0131WBS02

Tot Ion: 107 Resp: 87234

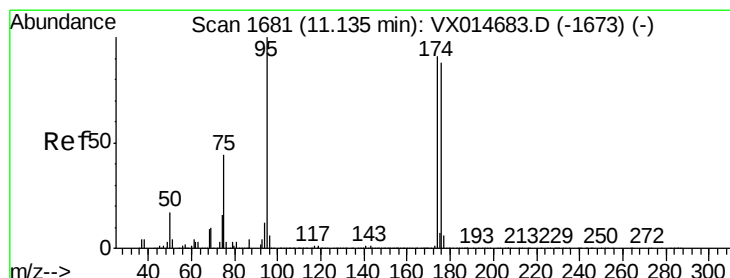
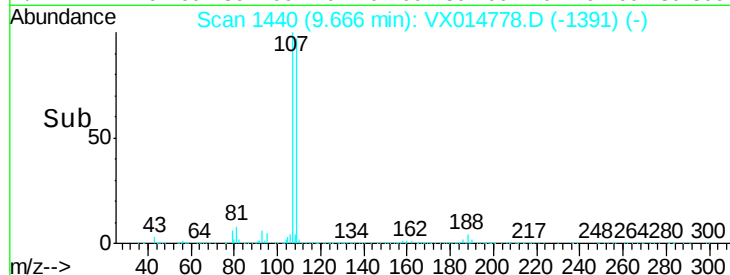
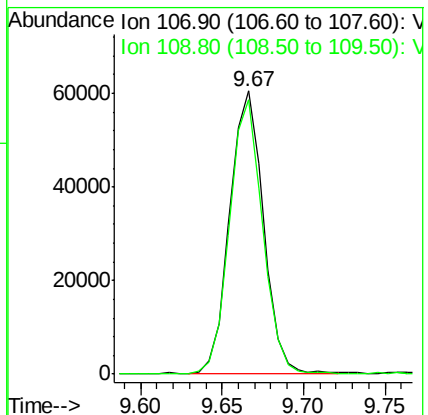
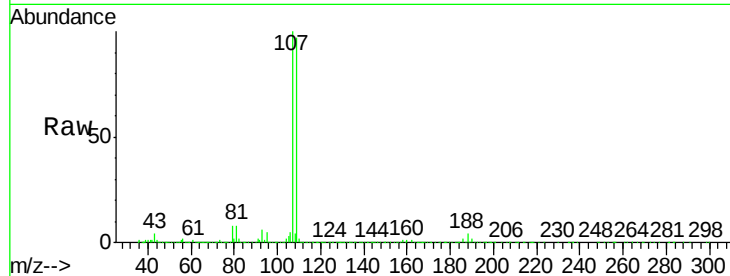
Ion Ratio Lower Upper

107 100

109 94.3 76.2 114.2

Manual Integrations  
APPROVED

MMDadoda  
2/4/2020 3:35:52 PM



#62

4-Bromofluorobenzene

Concen: 47.826 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

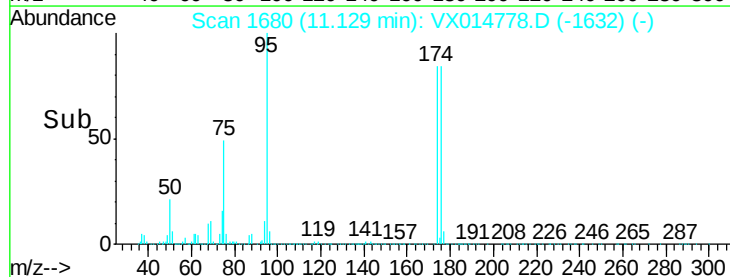
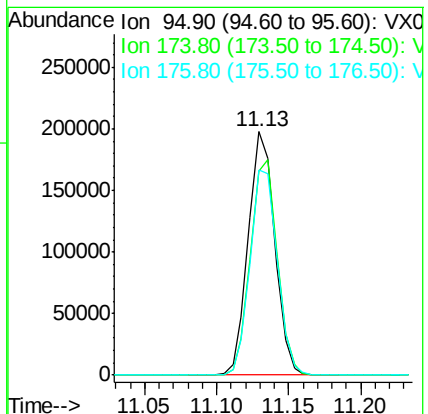
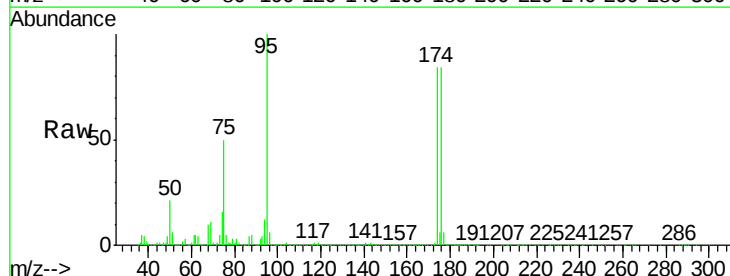
Tgt Ion: 95 Resp: 249932

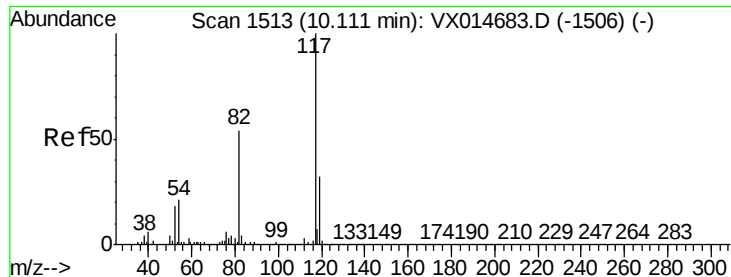
Ion Ratio Lower Upper

95 100

174 89.9 0.0 176.0

176 87.1 0.0 172.2





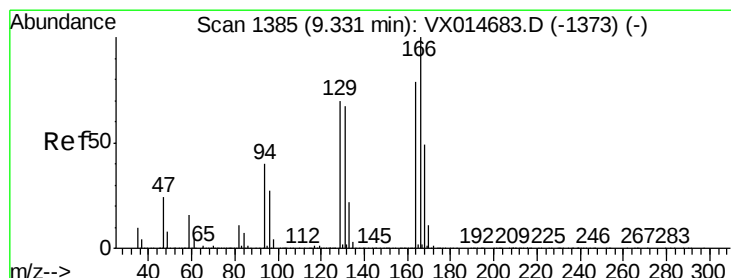
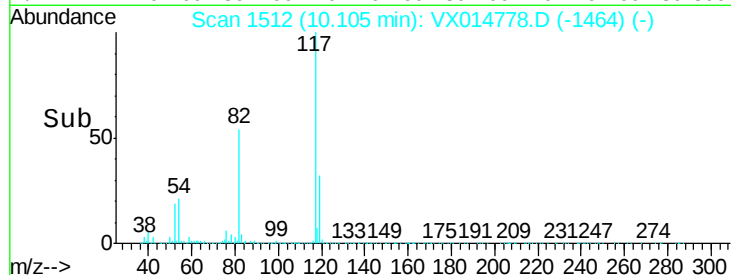
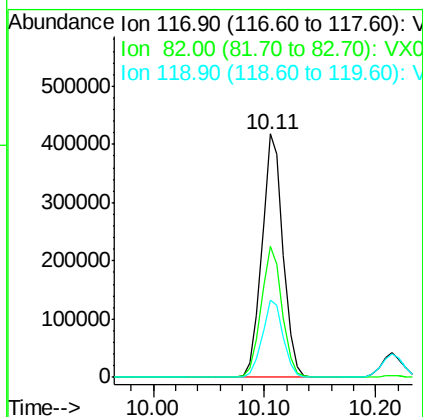
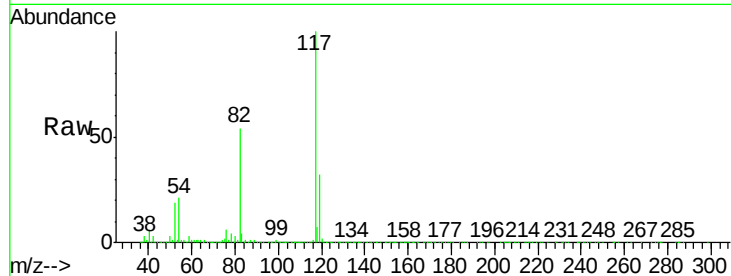
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1512  
Delta R.T. -0.01 min  
Lab File: VX014778.D  
Acq: 31 Jan 2020 12:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0131WBS02

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 117     | 100   |            |       |
| 82      | 54.0  | 43.2       | 64.8  |
| 119     | 31.6  | 25.8       | 38.6  |

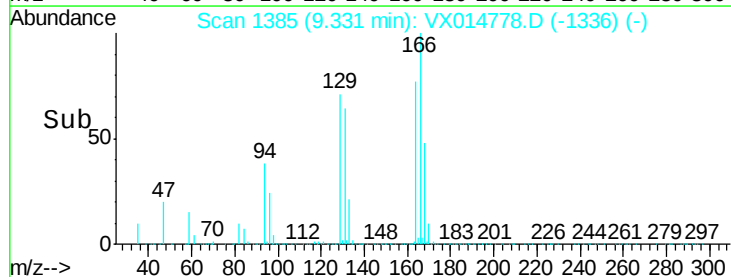
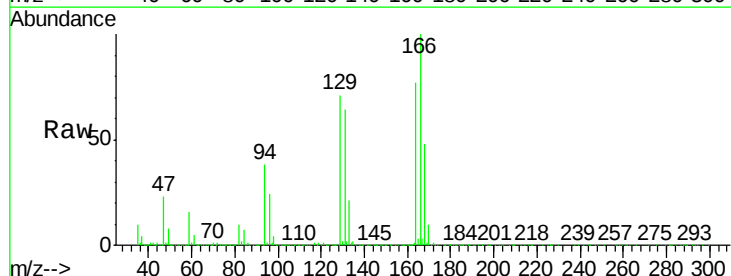
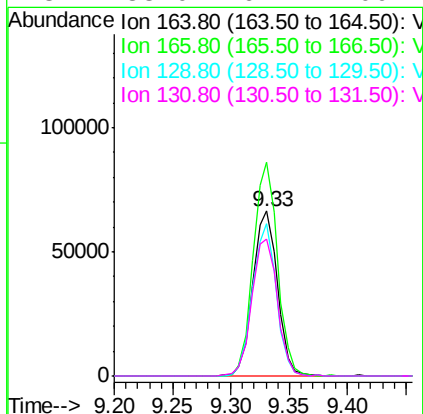
Manual Integrations  
APPROVED

MMDadoda  
2/4/2020 3:35:52 PM



#64  
Tetrachloroethene  
Concen: 17.932 ug/l  
RT: 9.33 min Scan# 1385  
Delta R.T. 0.00 min  
Lab File: VX014778.D  
Acq: 31 Jan 2020 12:35

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 164     | 100   |            |       |
| 166     | 129.6 | 100.9      | 151.3 |
| 129     | 92.1  | 71.0       | 106.6 |
| 131     | 83.0  | 67.1       | 100.7 |





#65

Chlorobenzene

Concen: 18.293 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

Instrument :

MSVOA\_X

ClientSampleId :

VX0131WBS02

Tot Ion:112 Resp: 216309

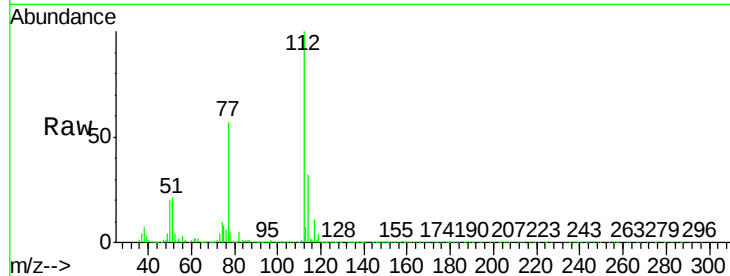
Ion Ratio Lower Upper

112 100

114 31.6 25.8 38.8

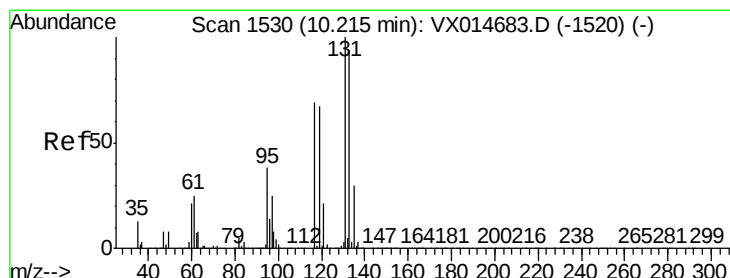
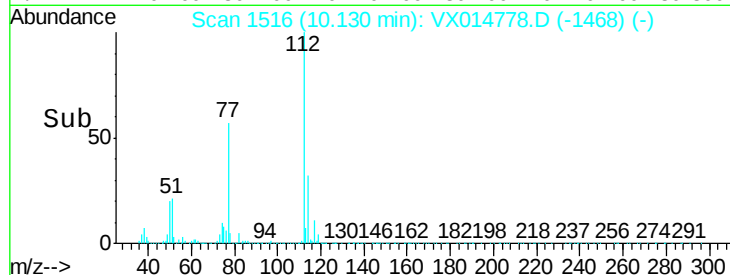
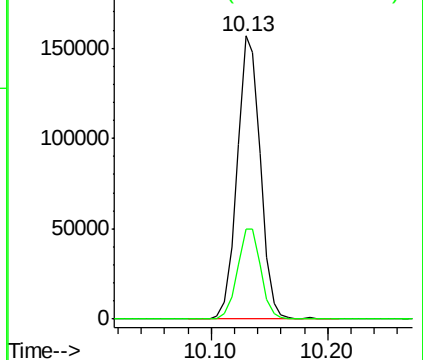
Manual Integrations  
APPROVED

MMDadoda  
2/4/2020 3:35:52 PM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.560 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

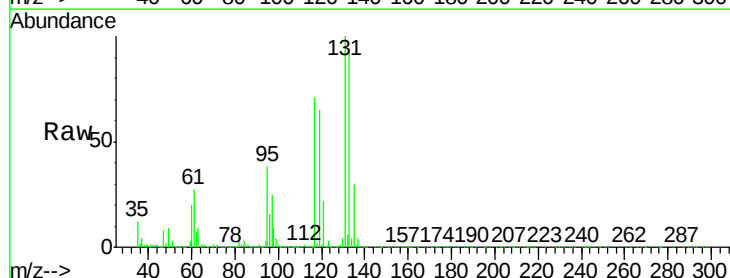
Tgt Ion:131 Resp: 80922

Ion Ratio Lower Upper

131 100

133 95.8 47.4 142.3

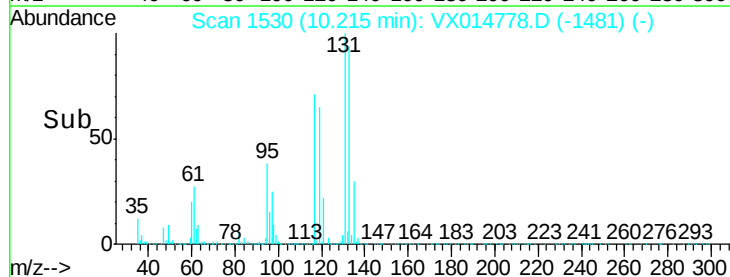
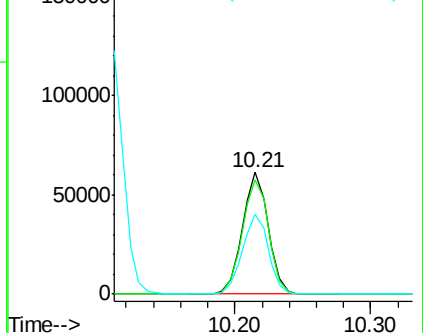
119 66.5 33.3 99.8

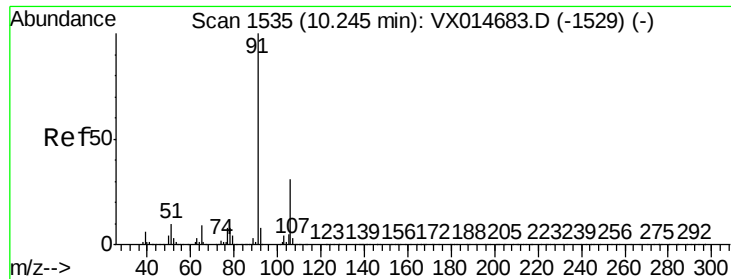


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





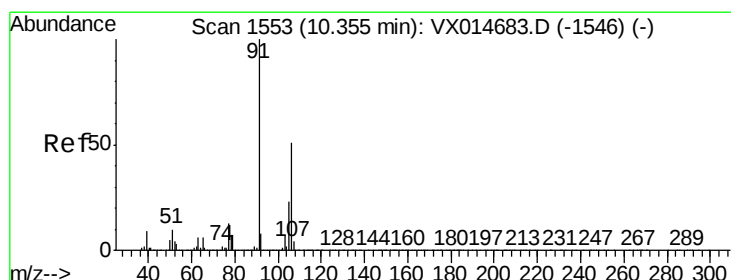
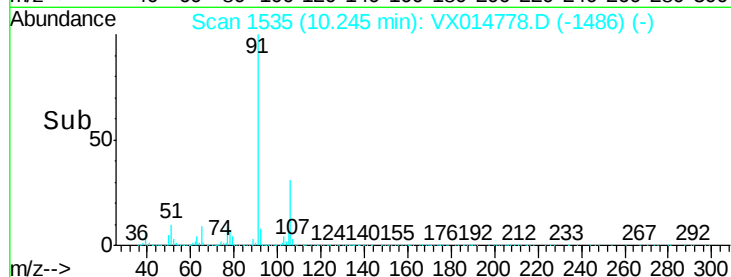
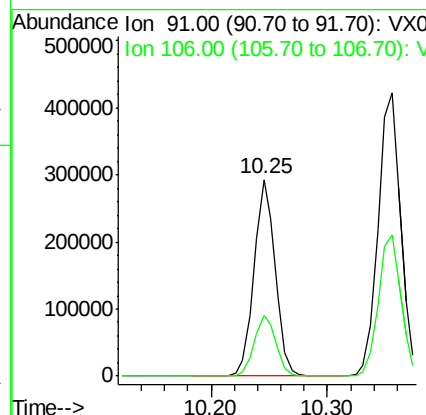
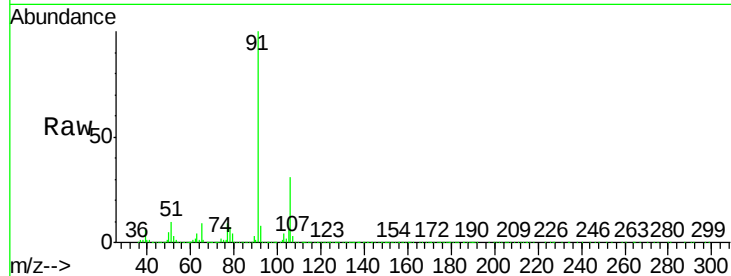
#67  
Ethyl Benzene  
Concen: 18.395 ug/l  
RT: 10.25 min Scan# 1535  
Delta R.T. 0.00 min  
Lab File: VX014778.D  
Acq: 31 Jan 2020 12:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0131WBS02

Tot Ion: 91 Resp: 371409  
Ion Ratio Lower Upper  
91 100  
106 31.1 24.9 37.3

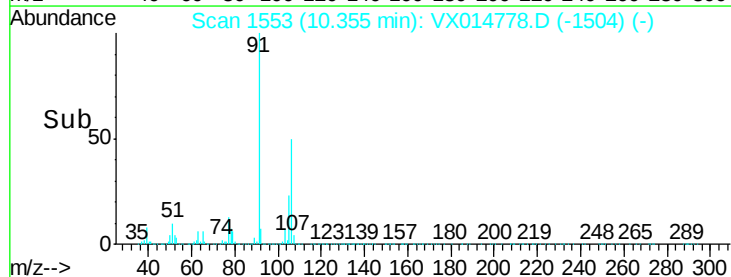
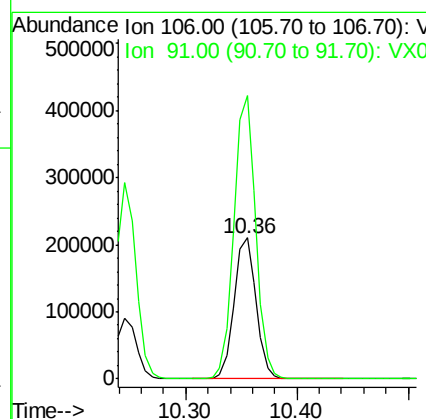
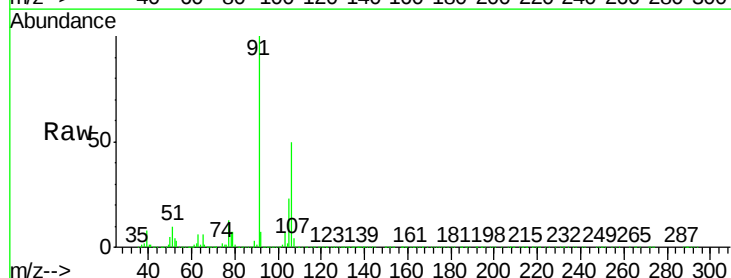
Manual Integrations  
APPROVED

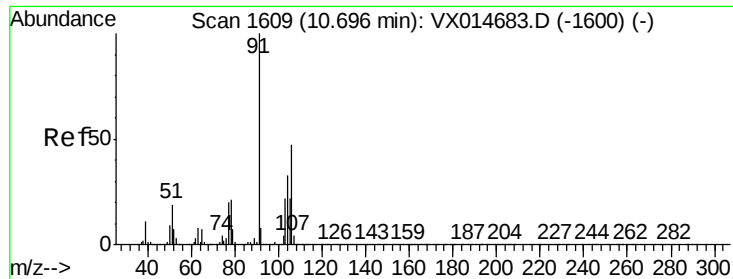
MMDadoda  
2/4/2020 3:35:52 PM



#68  
m/p-Xylenes  
Concen: 37.410 ug/l  
RT: 10.36 min Scan# 1553  
Delta R.T. 0.00 min  
Lab File: VX014778.D  
Acq: 31 Jan 2020 12:35

Tgt Ion: 106 Resp: 286158  
Ion Ratio Lower Upper  
106 100  
91 198.7 159.4 239.2





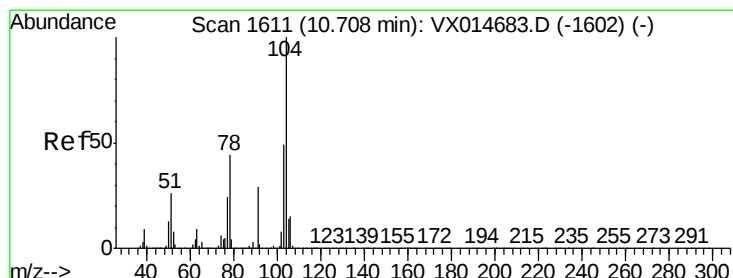
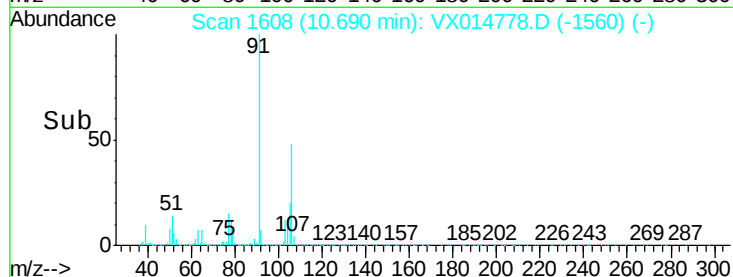
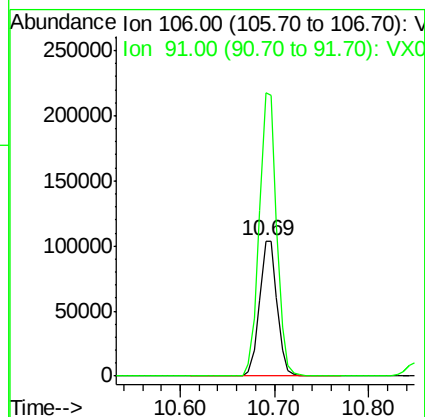
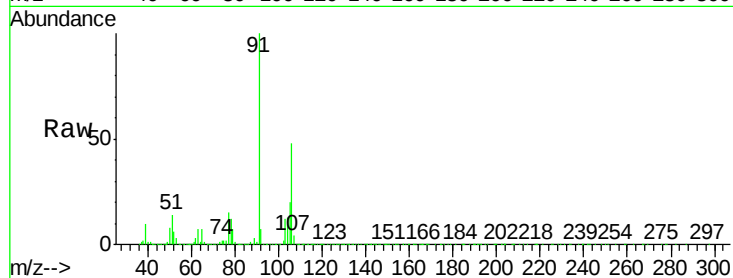
#69  
o-Xylene  
Concen: 18.807 ug/l  
RT: 10.69 min Scan# 1608  
Delta R.T. -0.01 min  
Lab File: VX014778.D  
Acq: 31 Jan 2020 12:35

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0131WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 206.4 | 106.2 | 318.6 |

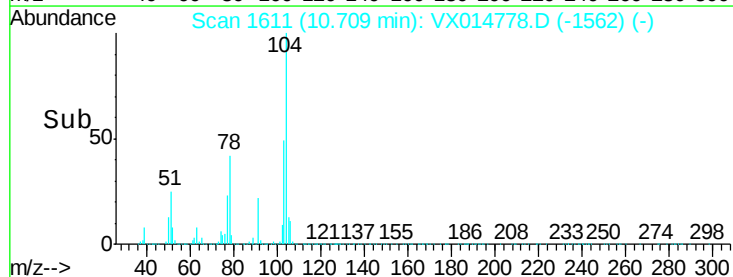
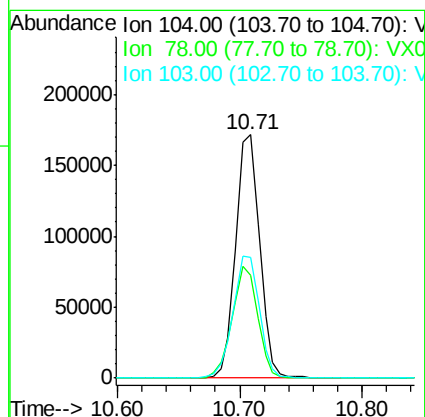
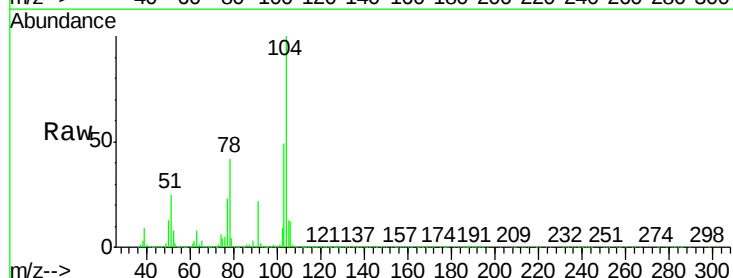
Manual Integrations  
APPROVED

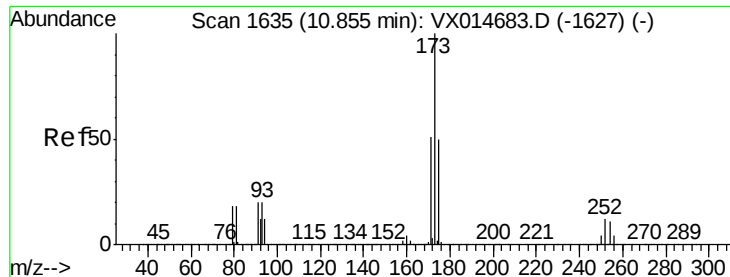
MMDadoda  
2/4/2020 3:35:52 PM



#70  
Styrene  
Concen: 18.777 ug/l  
RT: 10.71 min Scan# 1611  
Delta R.T. 0.00 min  
Lab File: VX014778.D  
Acq: 31 Jan 2020 12:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 48.9  | 39.3  | 58.9  |
| 103     | 55.0  | 43.5  | 65.3  |





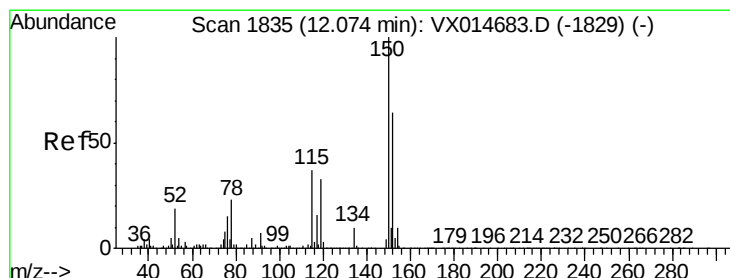
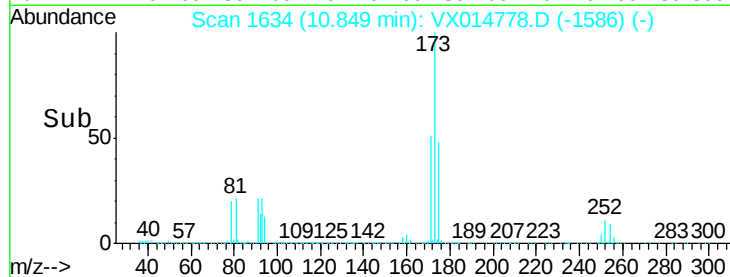
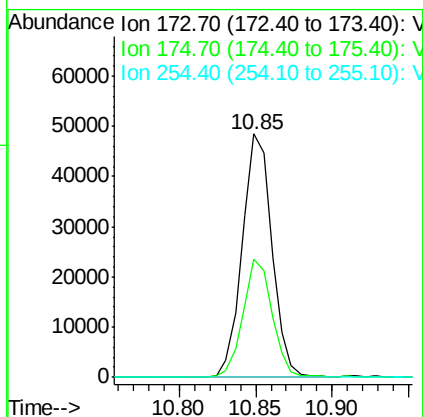
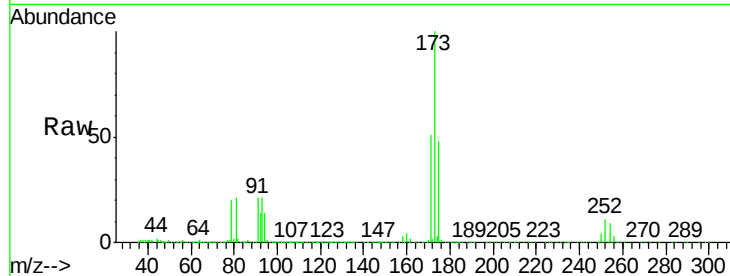
#71  
Bromoform  
Concen: 18.867 ug/l  
RT: 10.85 min Scan# 1634  
Delta R.T. -0.01 min  
Lab File: VX014778.D  
Acq: 31 Jan 2020 12:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0131WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 47.3  | 24.6  | 73.6  |
| 254     | 0.2   | 0.1   | 0.1#  |

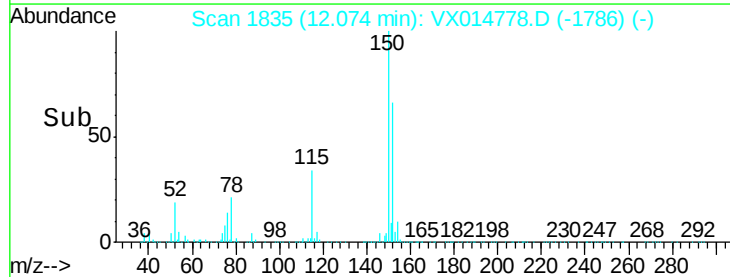
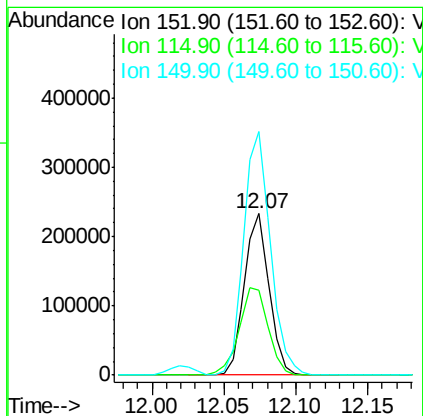
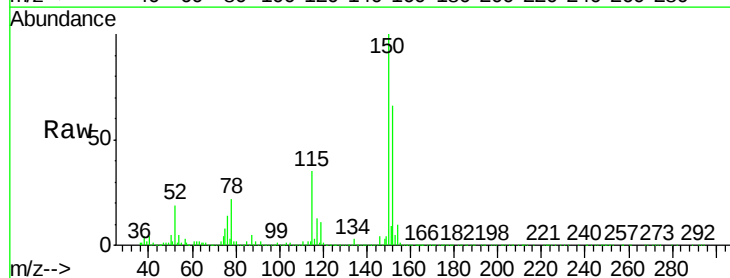
Manual Integrations  
APPROVED

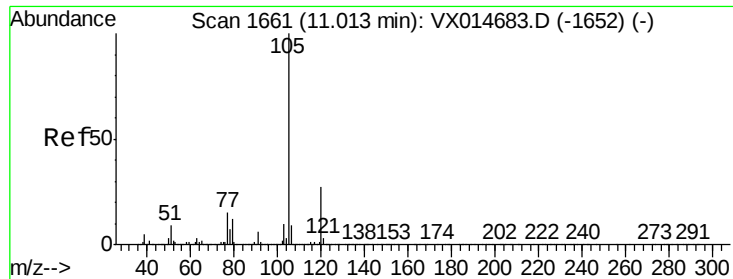
MMDadoda  
2/4/2020 3:35:52 PM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.07 min Scan# 1835  
Delta R.T. 0.00 min  
Lab File: VX014778.D  
Acq: 31 Jan 2020 12:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 63.6  | 39.4  | 118.1 |
| 150     | 162.7 | 0.0   | 351.2 |





#73

Isopropylbenzene

Concen: 18.784 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

Instrument :

MSVOA\_X

ClientSampleId :

VX0131WBS02

Tot Ion: 105 Resp: 365806

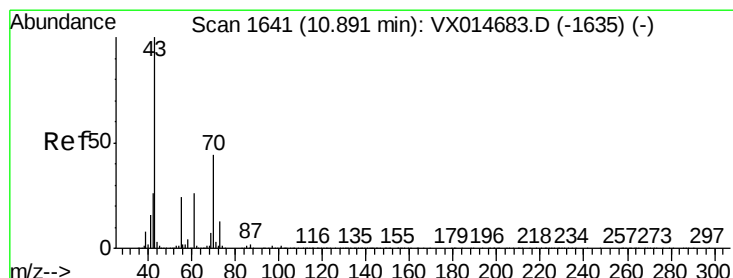
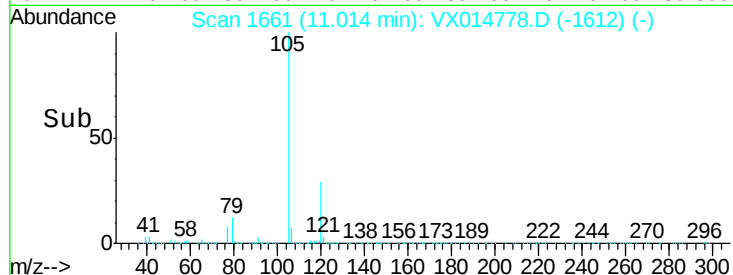
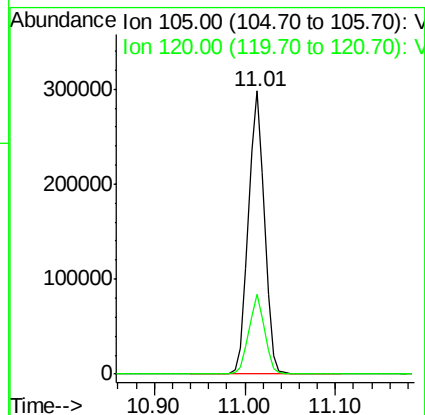
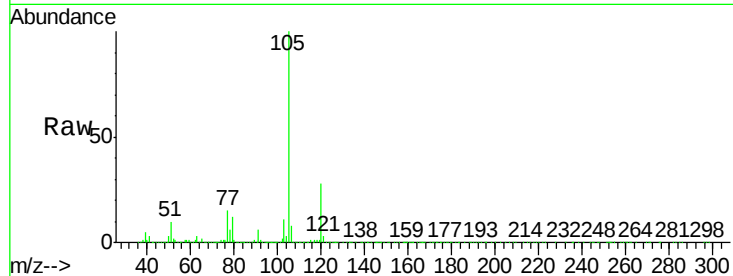
Ion Ratio Lower Upper

105 100

120 27.5 13.5 40.5

Manual Integrations  
APPROVED

MMDadoda  
2/4/2020 3:35:52 PM



#74

N-ethyl acetate

Concen: 18.538 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

Tgt Ion: 43 Resp: 158198

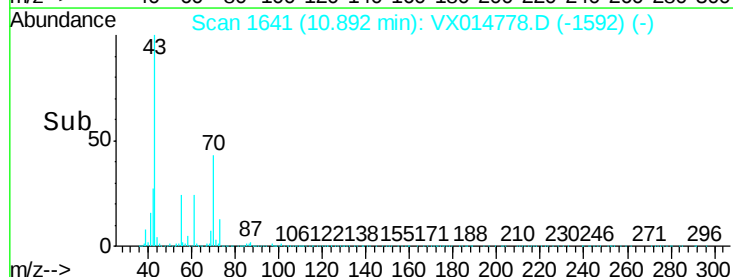
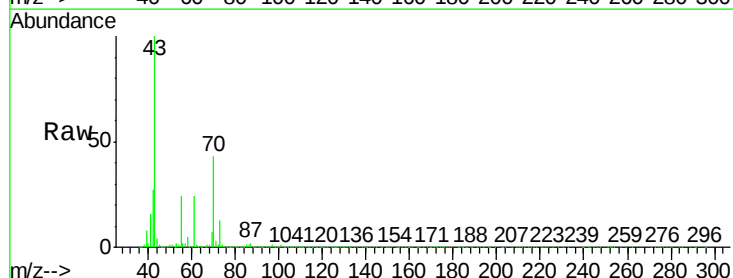
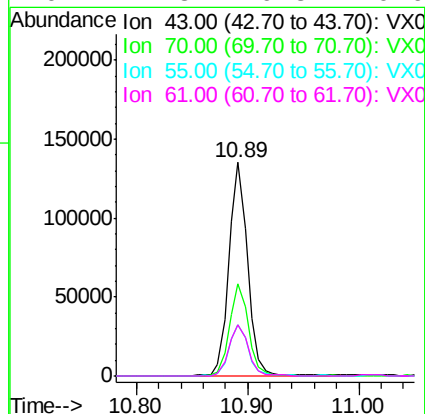
Ion Ratio Lower Upper

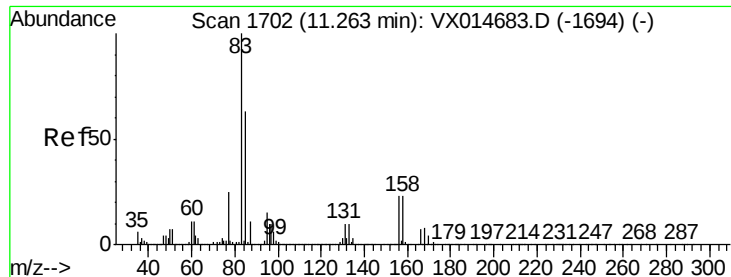
43 100

70 43.1 34.6 52.0

55 24.1 19.4 29.2

61 24.3 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 17.963 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

Instrument :

MSVOA\_X

ClientSampleId :

VX0131WBS02

Tot Ion: 83 Resp: 124899

Ion Ratio Lower Upper

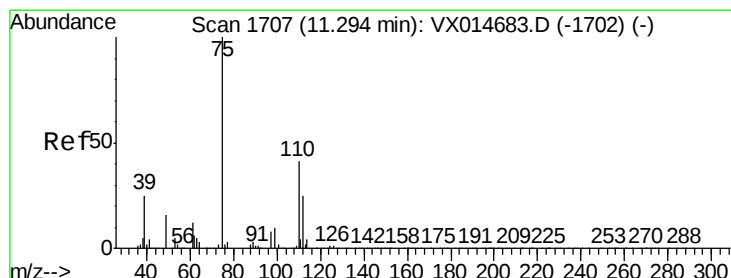
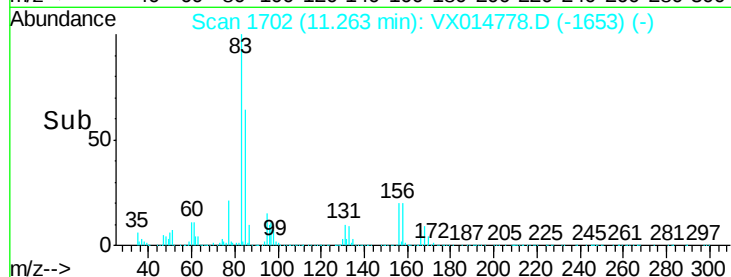
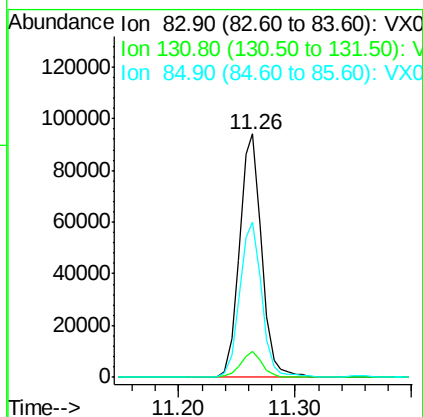
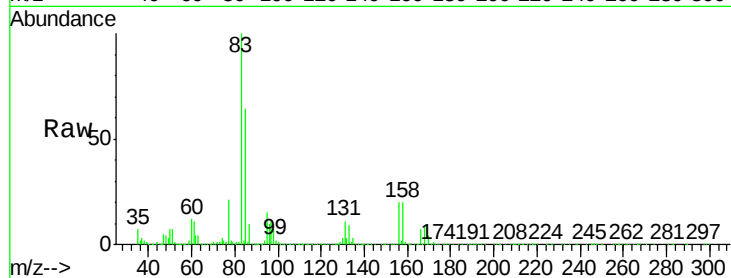
83 100

131 10.6 5.0 15.0

85 63.1 31.7 95.1

Manual Integrations  
APPROVED

MMDadoda  
2/4/2020 3:35:52 PM



#76

1,2,3-Trichloropropane

Concen: 16.506 ug/l m

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014778.D

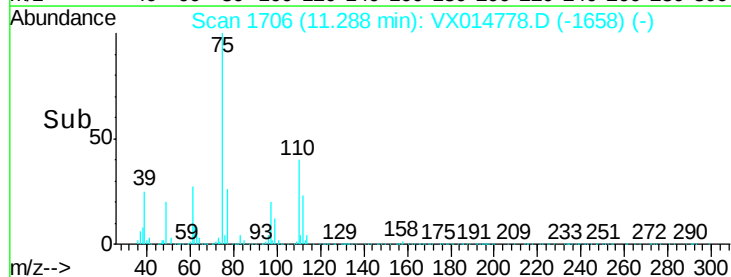
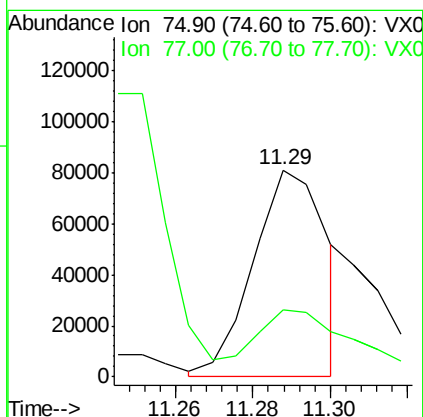
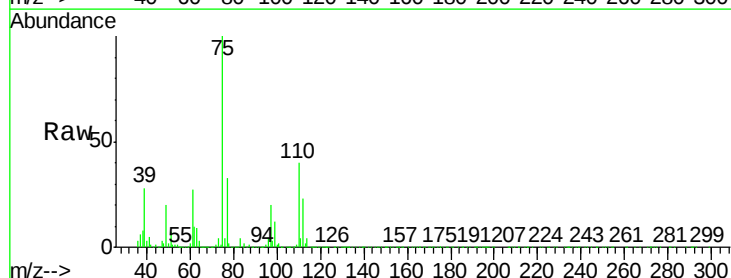
Acq: 31 Jan 2020 12:35

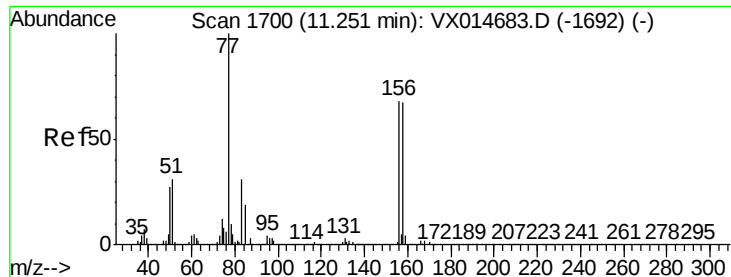
Tgt Ion: 75 Resp: 106364

Ion Ratio Lower Upper

75 100

77 44.3 18.7 56.1





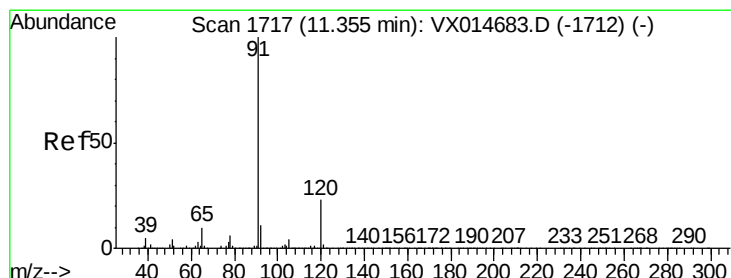
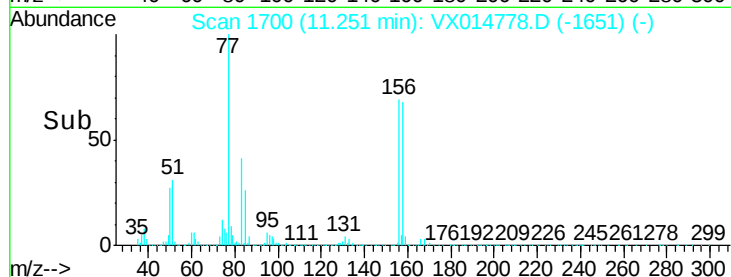
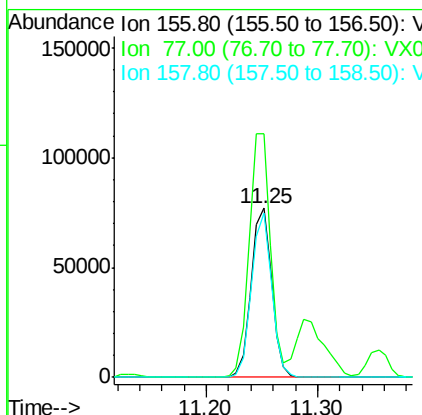
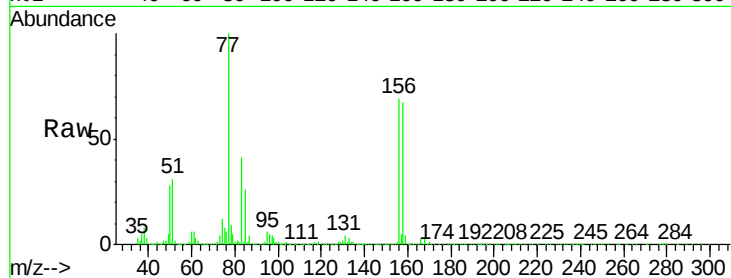
#77  
Bromobenzene  
Concen: 19.051 ug/l  
RT: 11.25 min Scan# 1700  
Delta R.T. 0.00 min  
Lab File: VX014778.D  
Acq: 31 Jan 2020 12:35

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0131WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 147.6 | 77.5  | 232.5 |
| 158     | 95.3  | 49.1  | 147.3 |

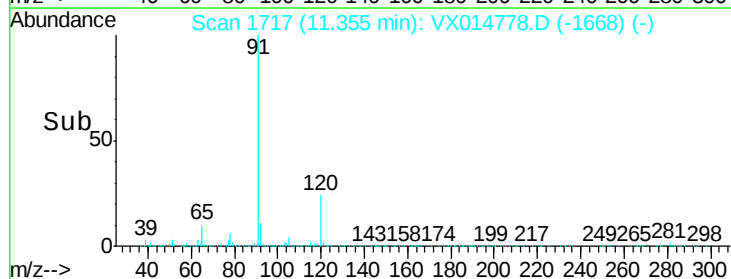
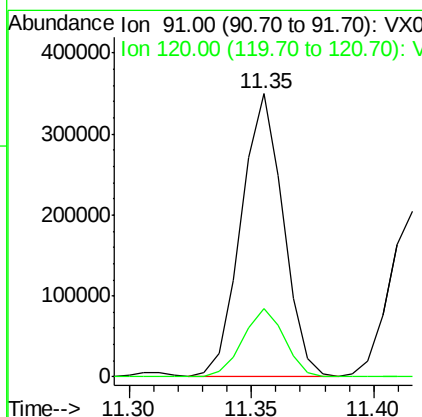
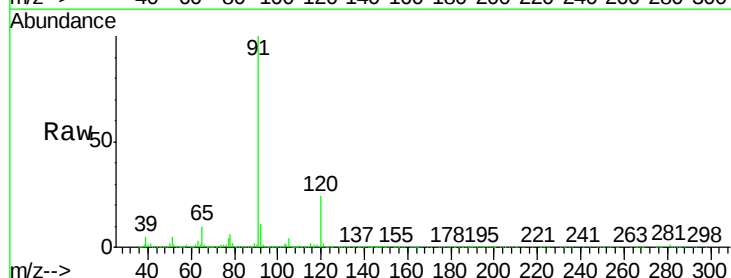
Manual Integrations  
APPROVED

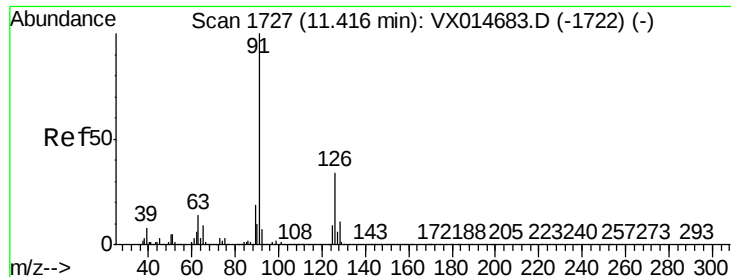
MMDadoda  
2/4/2020 3:35:52 PM



#78  
n-propylbenzene  
Concen: 18.815 ug/l  
RT: 11.35 min Scan# 1717  
Delta R.T. 0.00 min  
Lab File: VX014778.D  
Acq: 31 Jan 2020 12:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 24.2  | 11.7  | 35.0  |





#79

2-Chlorotoluene

Concen: 18.507 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014778.D

Acq: 31 Jan 2020 12:35

Instrument :

MSVOA\_X

ClientSampleId :

VX0131WBS02

Tot Ion: 91 Resp: 247534

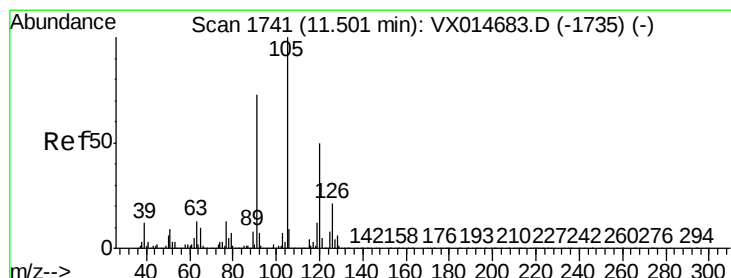
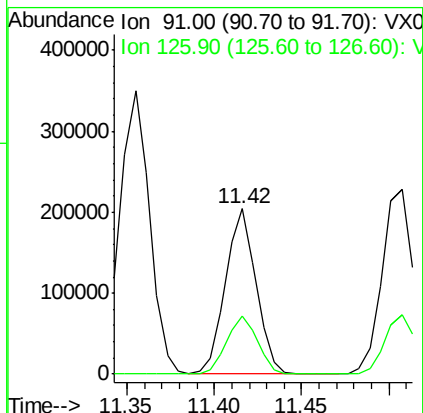
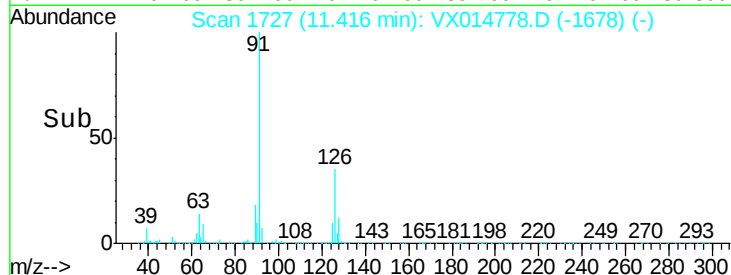
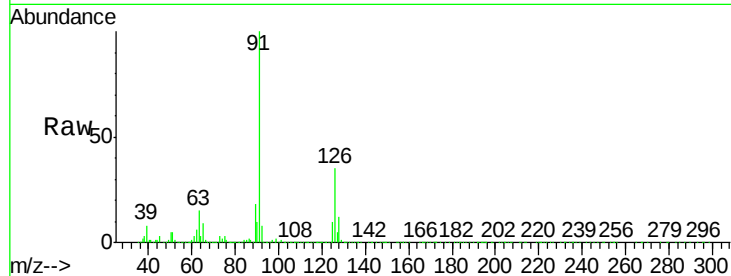
Ion Ratio Lower Upper

91 100

126 36.1 17.3 51.9

Manual Integrations  
APPROVED

MMDadoda  
2/4/2020 3:35:52 PM



#80

1,3,5-Trimethylbenzene

Concen: 18.976 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014778.D

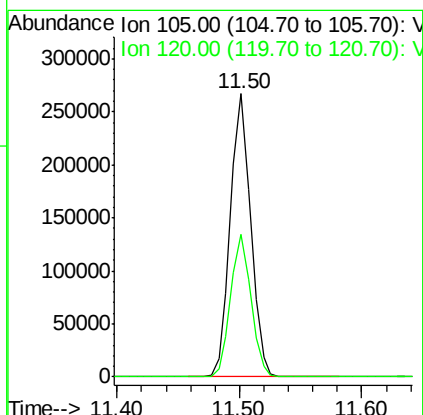
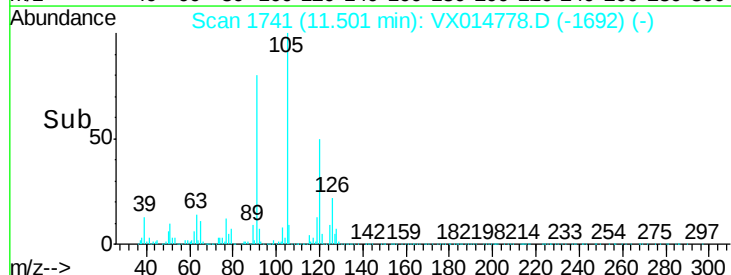
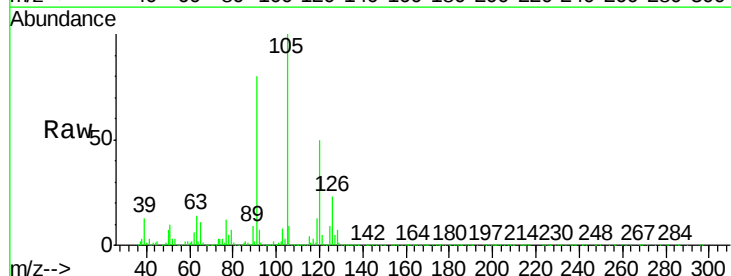
Acq: 31 Jan 2020 12:35

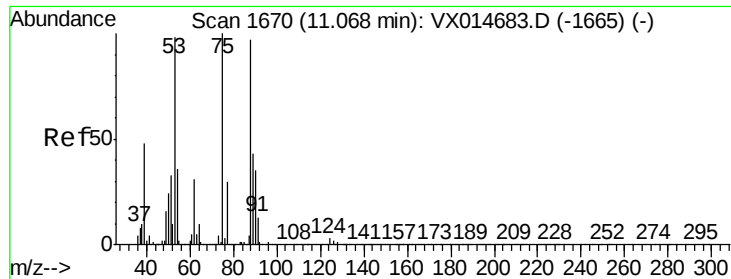
Tgt Ion: 105 Resp: 306717

Ion Ratio Lower Upper

105 100

120 50.1 24.9 74.6





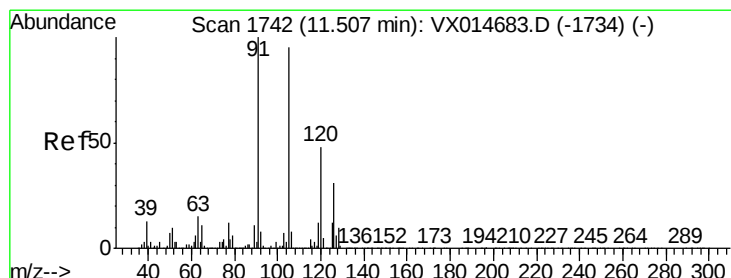
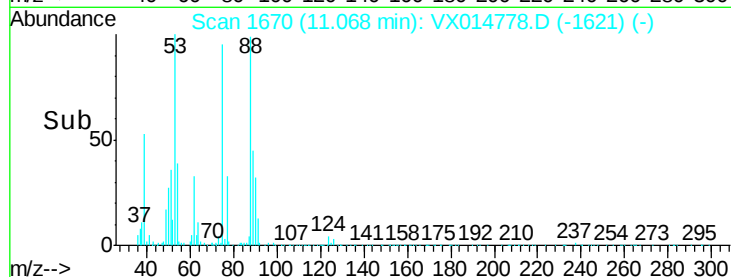
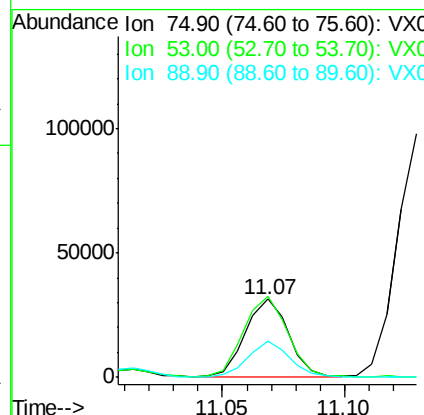
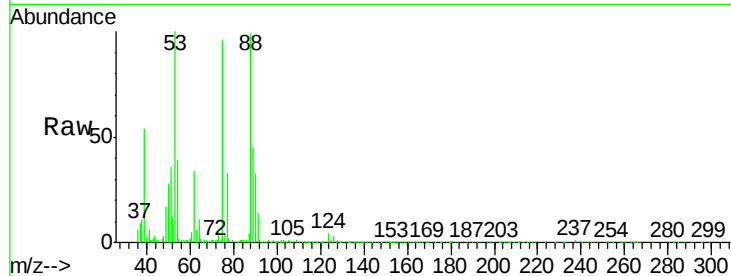
#81  
trans-1,4-Dichloro-2-butene  
Concen: 17.001 ug/l  
RT: 11.07 min Scan# 1670  
Delta R.T. 0.00 min  
Lab File: VX014778.D  
Acq: 31 Jan 2020 12:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0131WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 104.9 | 78.8  | 118.2 |
| 89      | 45.8  | 35.4  | 53.0  |

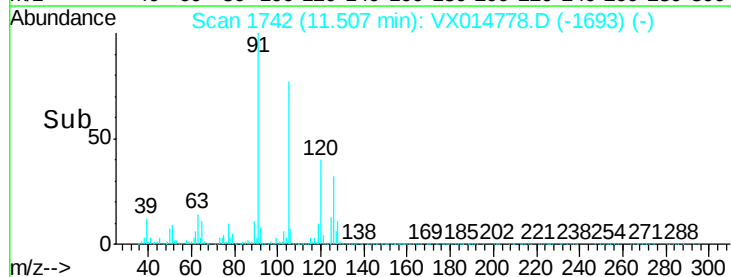
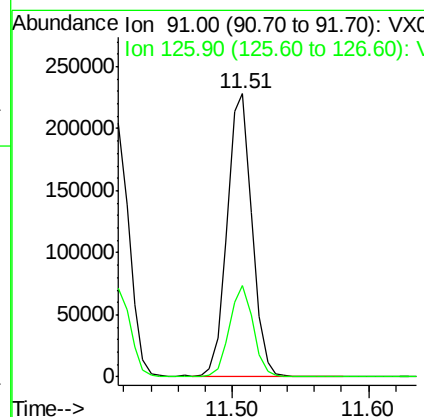
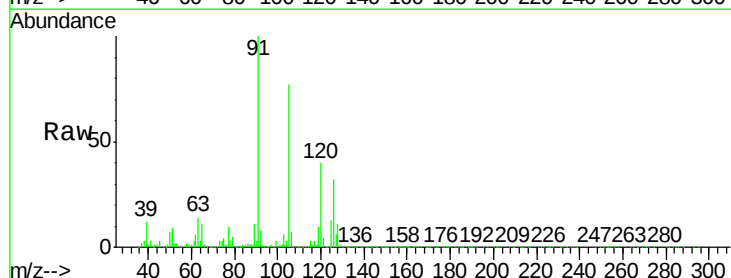
Manual Integrations  
APPROVED

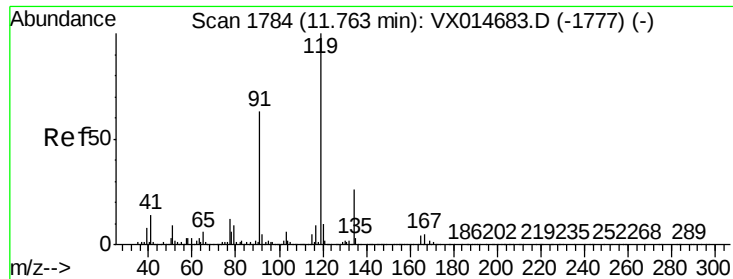
MMDadoda  
2/4/2020 3:35:52 PM



#82  
4-Chlorotoluene  
Concen: 18.848 ug/l  
RT: 11.51 min Scan# 1742  
Delta R.T. 0.00 min  
Lab File: VX014778.D  
Acq: 31 Jan 2020 12:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 31.0  | 15.4  | 46.4  |





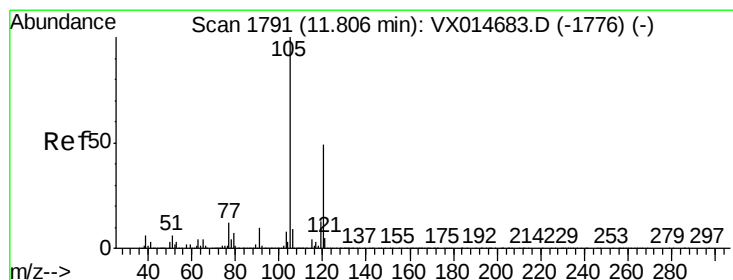
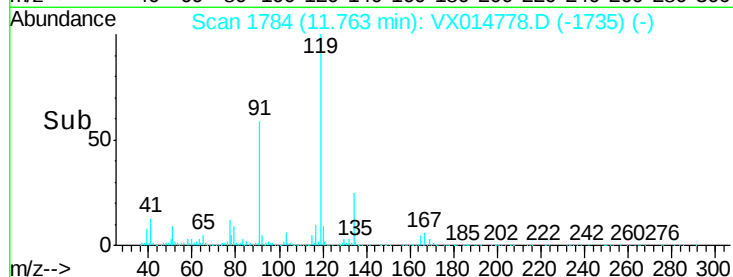
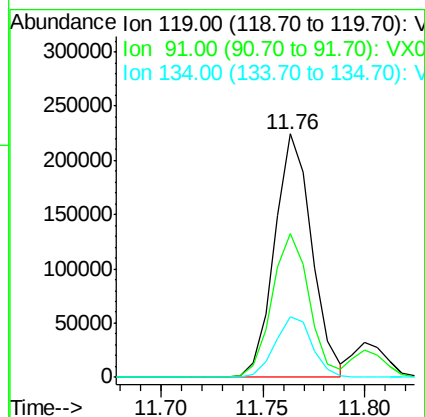
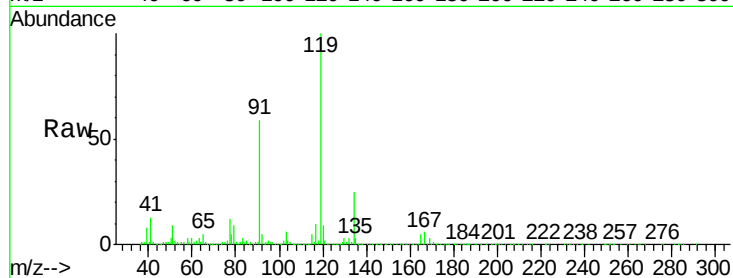
#83  
tert-Butylbenzene  
Concen: 18.868 ug/l  
RT: 11.76 min Scan# 1784  
Delta R.T. 0.00 min  
Lab File: VX014778.D  
Acq: 31 Jan 2020 12:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0131WBS02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 286572 |       |       |
| 91      | 58.8  | 30.0   | 90.0  |       |
| 134     | 24.9  | 12.7   | 38.0  |       |

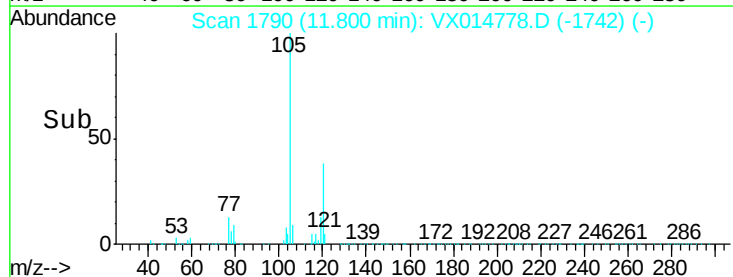
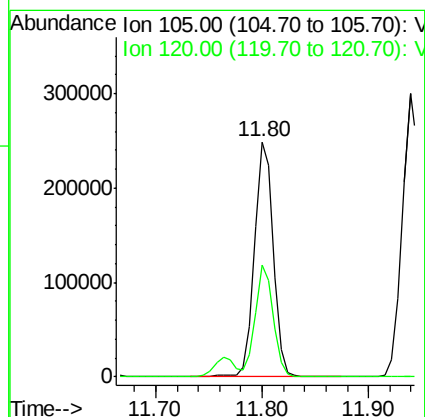
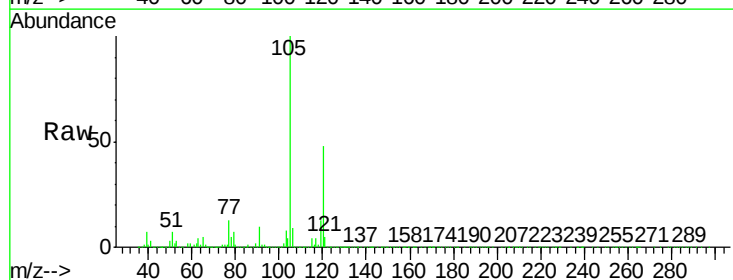
Manual Integrations  
APPROVED

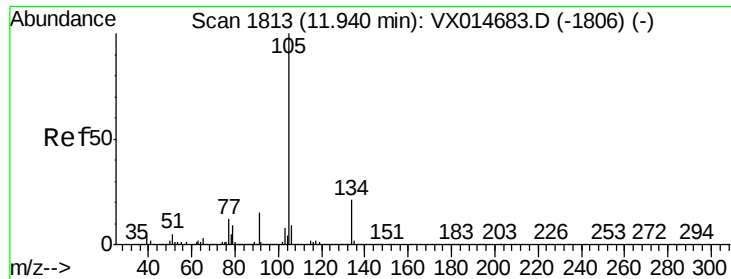
MMDadoda  
2/4/2020 3:35:52 PM



#84  
1,2,4-Trimethylbenzene  
Concen: 19.047 ug/l  
RT: 11.80 min Scan# 1790  
Delta R.T. -0.01 min  
Lab File: VX014778.D  
Acq: 31 Jan 2020 12:35

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 308790 |       |       |
| 120     | 45.3  | 23.4   | 70.0  |       |





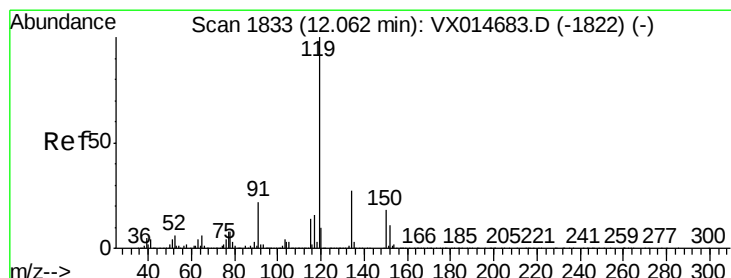
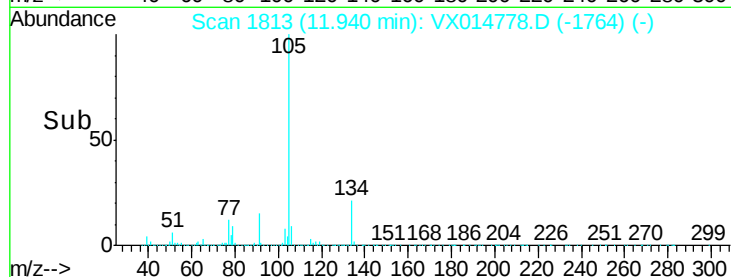
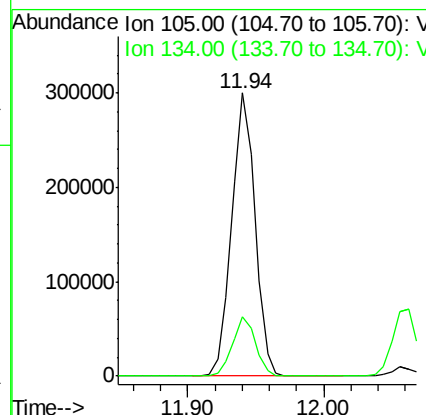
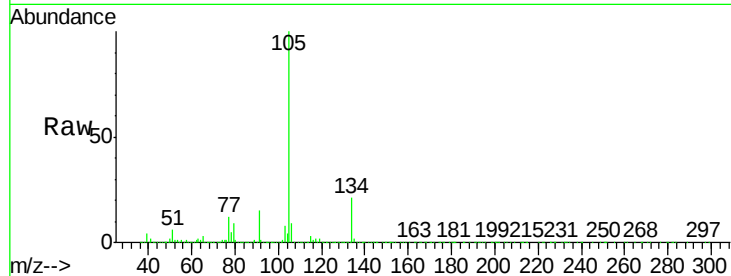
#85  
 sec-Butylbenzene  
 Concen: 19.178 ug/l  
 RT: 11.94 min Scan# 1813  
 Delta R.T. 0.00 min  
 Lab File: VX014778.D  
 Acq: 31 Jan 2020 12:35

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0131WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 134     | 20.8  | 10.3  | 30.8  |

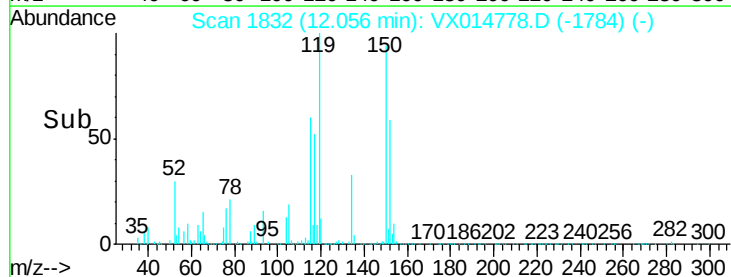
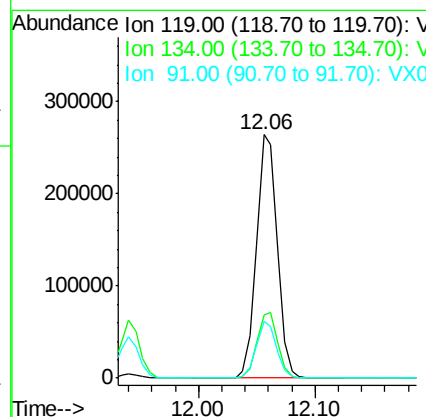
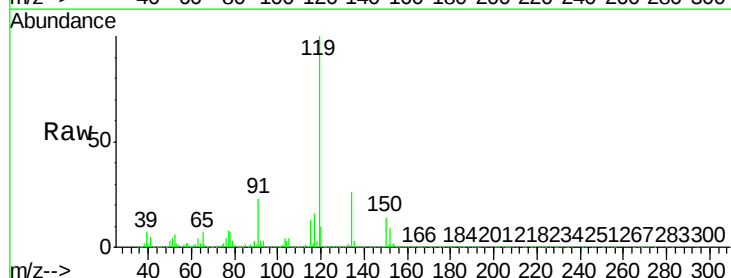
Manual Integrations  
 APPROVED

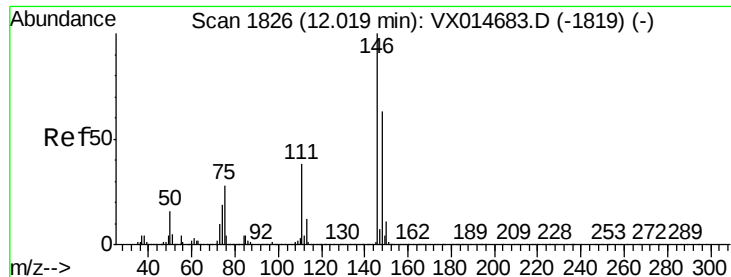
MMDadoda  
 2/4/2020 3:35:52 PM



#86  
 p-Isopropyltoluene  
 Concen: 19.157 ug/l  
 RT: 12.06 min Scan# 1832  
 Delta R.T. -0.01 min  
 Lab File: VX014778.D  
 Acq: 31 Jan 2020 12:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 26.9  | 13.5  | 40.4  |
| 91      | 22.7  | 11.3  | 33.8  |





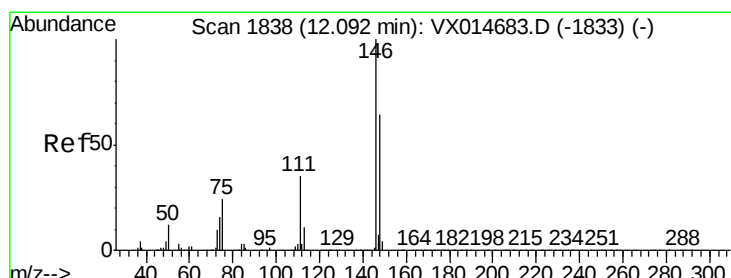
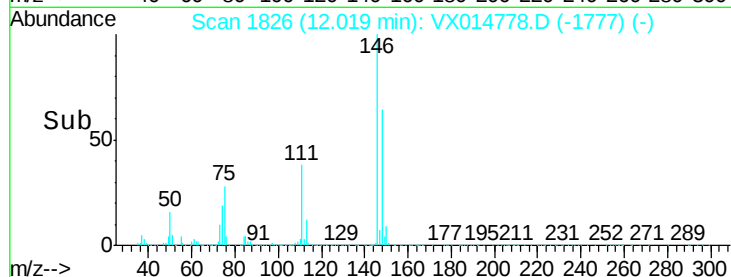
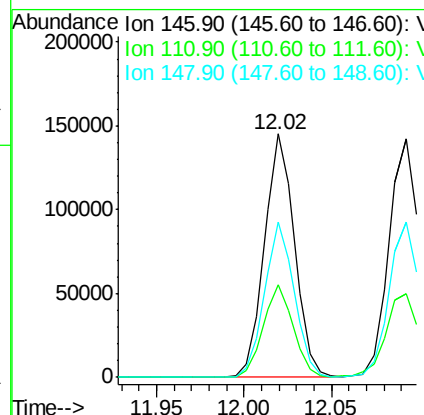
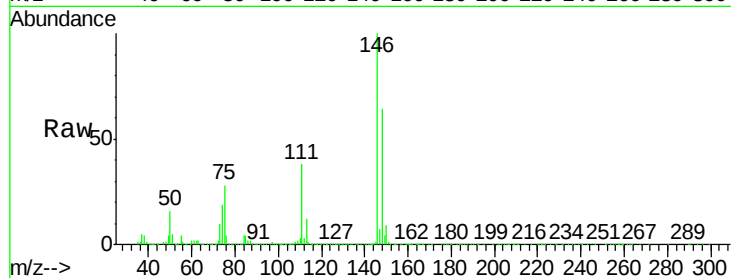
#87  
 1,3-Dichlorobenzene  
 Concen: 18.460 ug/l  
 RT: 12.02 min Scan# 1826  
 Delta R.T. 0.00 min  
 Lab File: VX014778.D  
 Acq: 31 Jan 2020 12:35

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0131WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.6  | 19.0  | 57.0  |
| 148     | 63.2  | 31.6  | 95.0  |

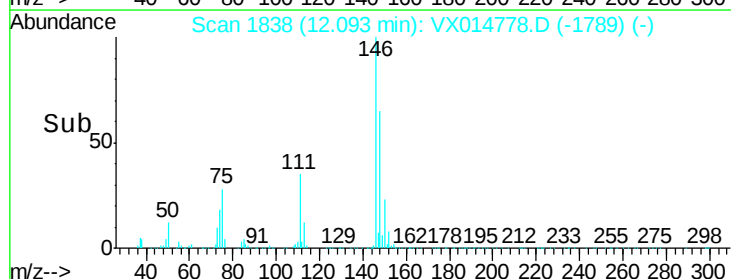
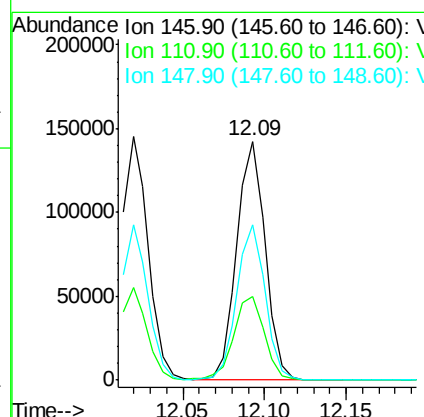
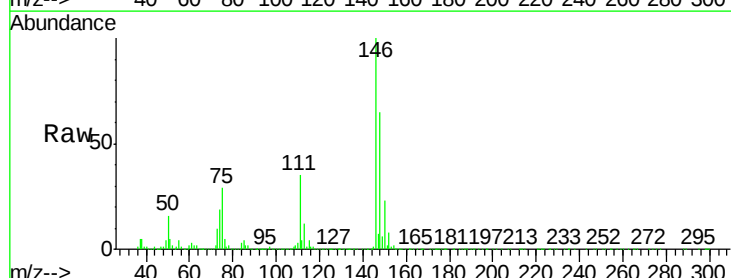
Manual Integrations  
 APPROVED

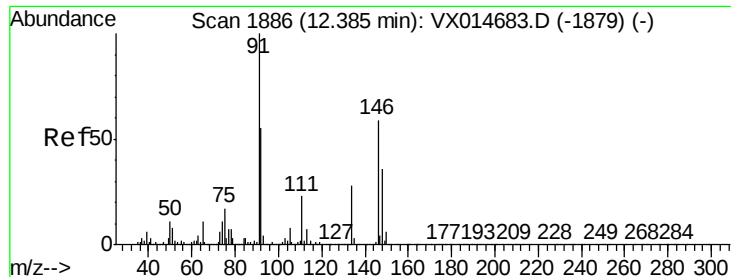
MMDadoda  
 2/4/2020 3:35:52 PM



#88  
 1,4-Dichlorobenzene  
 Concen: 18.390 ug/l  
 RT: 12.09 min Scan# 1838  
 Delta R.T. 0.00 min  
 Lab File: VX014778.D  
 Acq: 31 Jan 2020 12:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.7  | 18.6  | 55.8  |
| 148     | 64.7  | 32.0  | 96.2  |





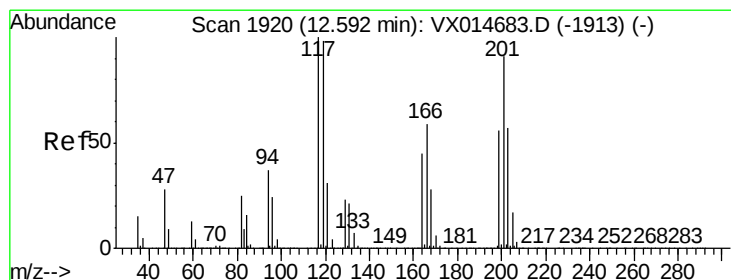
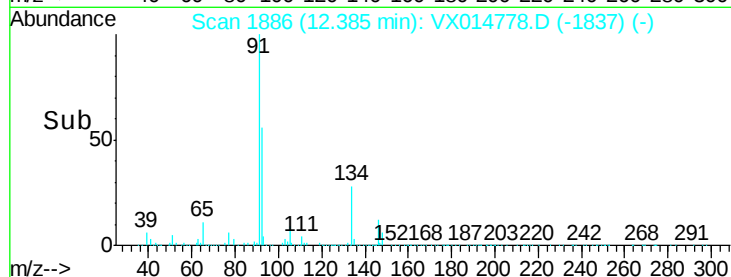
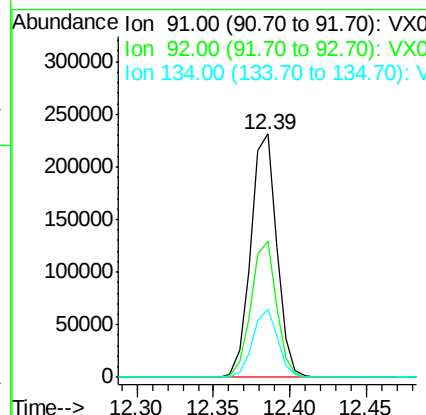
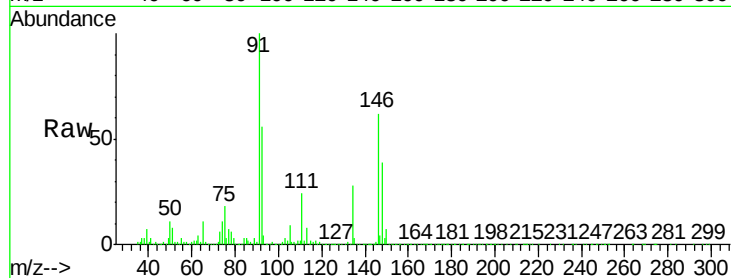
#89  
n-Butylbenzene  
Concen: 18.183 ug/l  
RT: 12.39 min Scan# 1886  
Delta R.T. 0.00 min  
Lab File: VX014778.D  
Acq: 31 Jan 2020 12:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0131WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 55.0  | 27.6  | 82.7  |
| 134     | 26.8  | 13.3  | 39.8  |

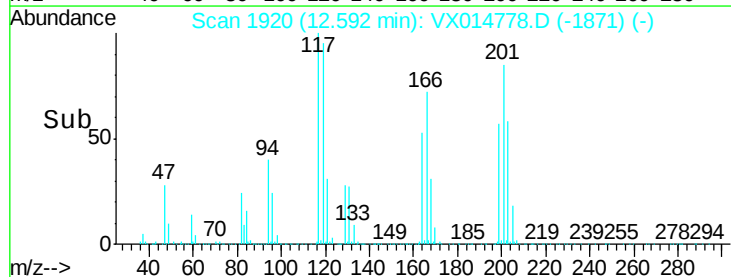
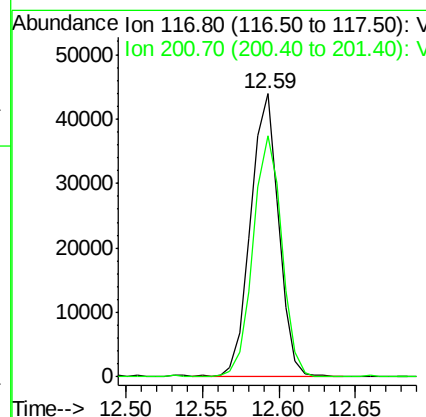
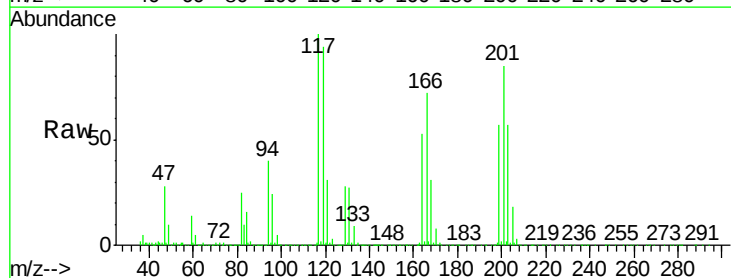
Manual Integrations  
APPROVED

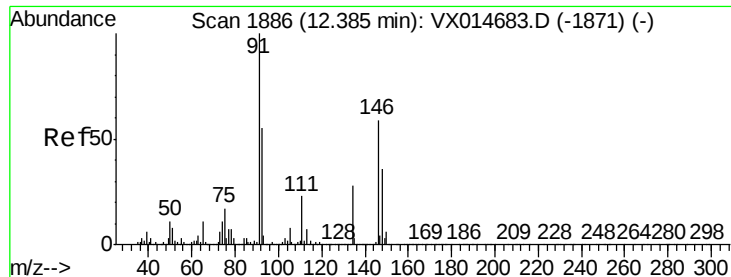
MMDadoda  
2/4/2020 3:35:52 PM



#90  
Hexachloroethane  
Concen: 17.397 ug/l  
RT: 12.59 min Scan# 1920  
Delta R.T. 0.00 min  
Lab File: VX014778.D  
Acq: 31 Jan 2020 12:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 87.8  | 44.4  | 133.1 |





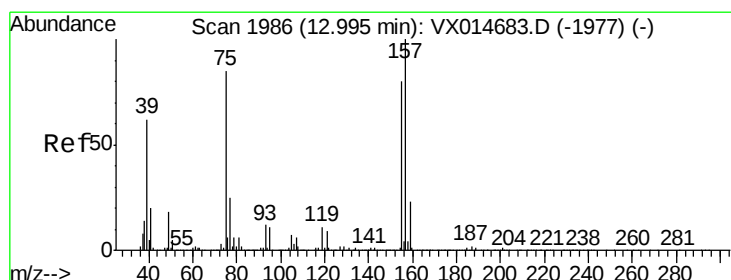
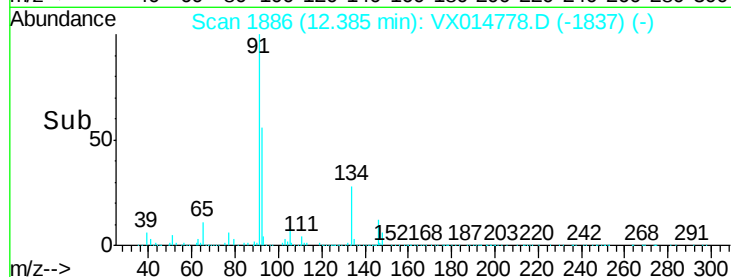
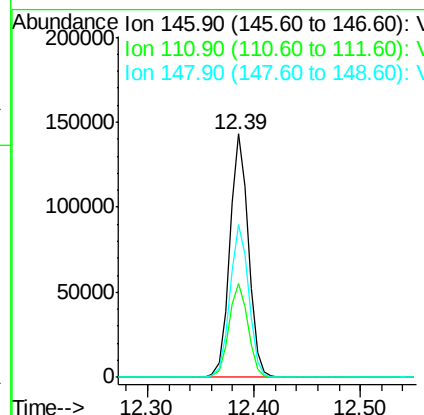
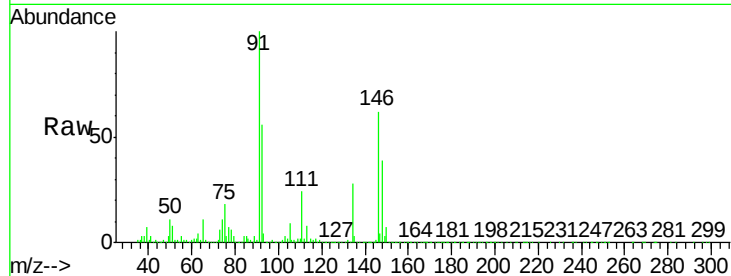
#91  
 1,2-Dichlorobenzene  
 Concen: 18.685 ug/l  
 RT: 12.39 min Scan# 1886  
 Delta R.T. 0.00 min  
 Lab File: VX014778.D  
 Acq: 31 Jan 2020 12:35

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0131WBS02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 174491 |       |       |
| 111     | 39.6  | 19.6   | 58.8  |       |
| 148     | 63.6  | 31.9   | 95.9  |       |

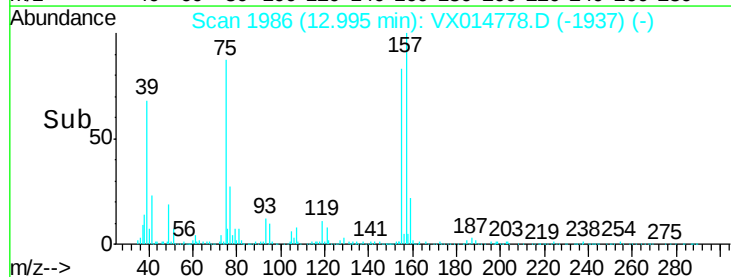
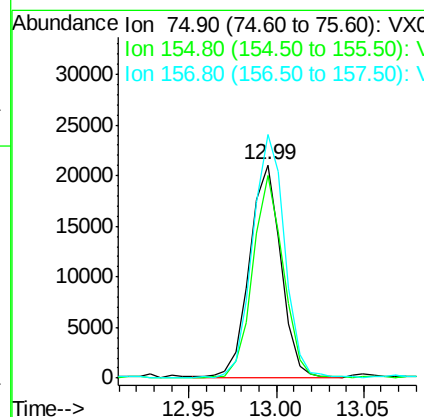
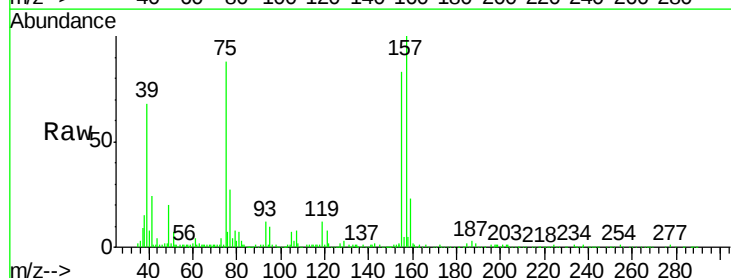
Manual Integrations  
 APPROVED

MMDadoda  
 2/4/2020 3:35:52 PM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 17.520 ug/l  
 RT: 12.99 min Scan# 1886  
 Delta R.T. 0.00 min  
 Lab File: VX014778.D  
 Acq: 31 Jan 2020 12:35

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 26173 |       |       |
| 155     | 93.0  | 45.6  | 136.9 |       |
| 157     | 117.9 | 60.3  | 180.9 |       |





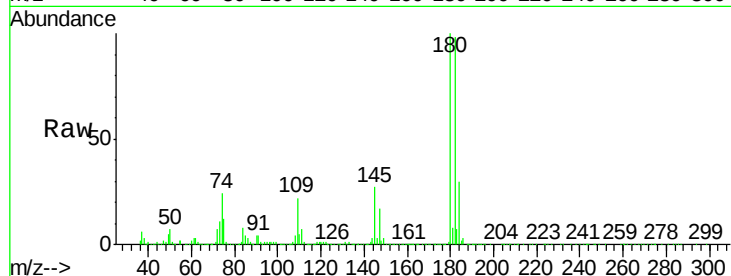
#93  
 1,2,4-Trichlorobenzene  
 Concen: 19.006 ug/l  
 RT: 13.64 min Scan# 2092  
 Delta R.T. 0.00 min  
 Lab File: VX014778.D  
 Acq: 31 Jan 2020 12:35

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0131WBS02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 114429 |       |       |
| 182     | 95.8  | 48.5   | 145.6 |       |
| 145     | 27.4  | 14.0   | 41.9  |       |

Manual Integrations  
 APPROVED

MMDadoda  
 2/4/2020 3:35:52 PM

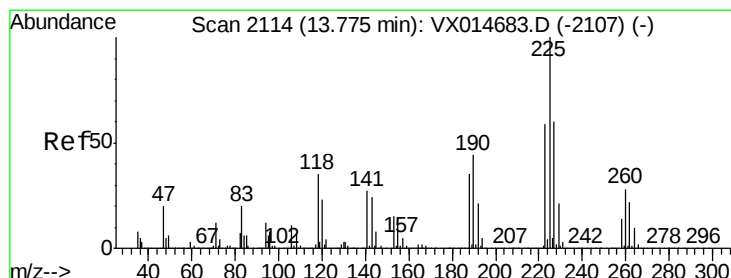
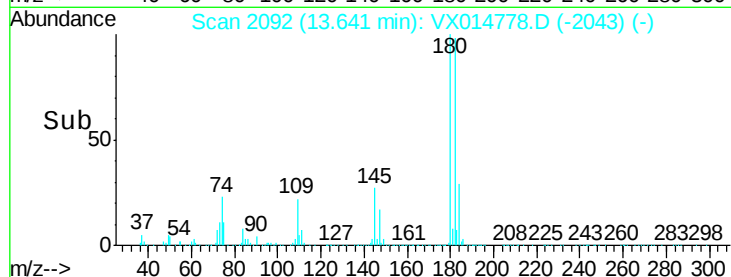
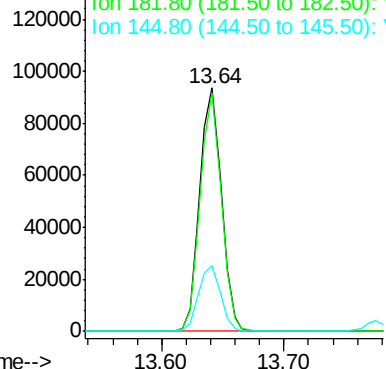


Abundance

Ion 179.80 (179.50 to 180.50): V

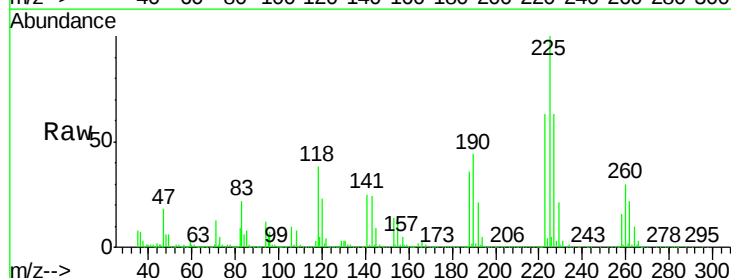
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94  
 Hexachlorobutadiene  
 Concen: 18.737 ug/l  
 RT: 13.78 min Scan# 2114  
 Delta R.T. 0.00 min  
 Lab File: VX014778.D  
 Acq: 31 Jan 2020 12:35

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 58062 |       |       |
| 223     | 63.3  | 30.6  | 91.8  |       |
| 227     | 65.6  | 31.4  | 94.0  |       |

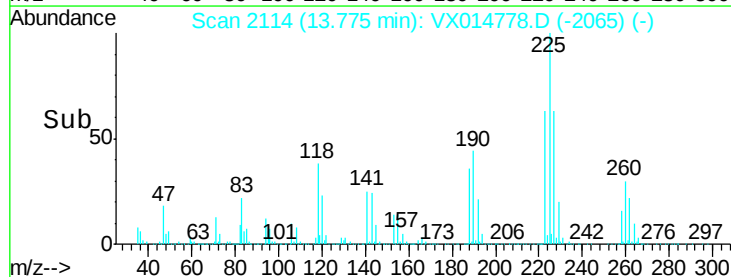
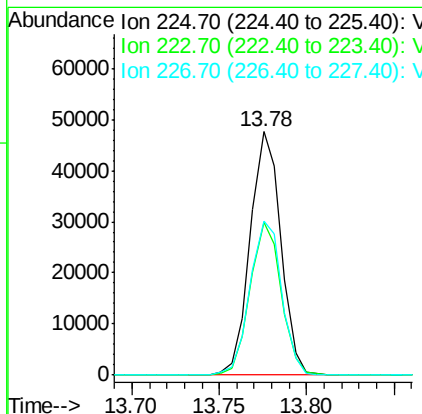


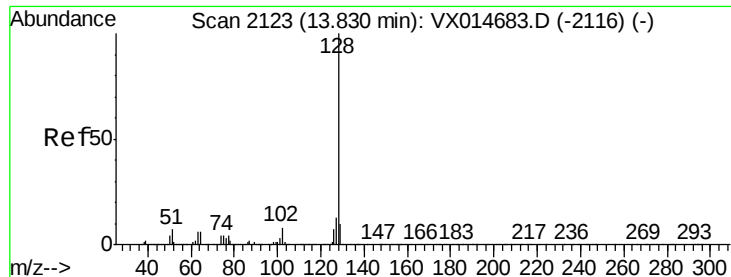
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





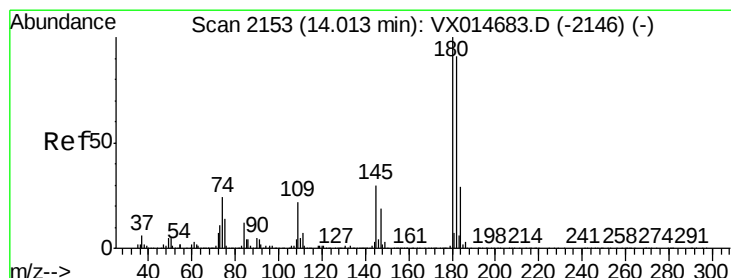
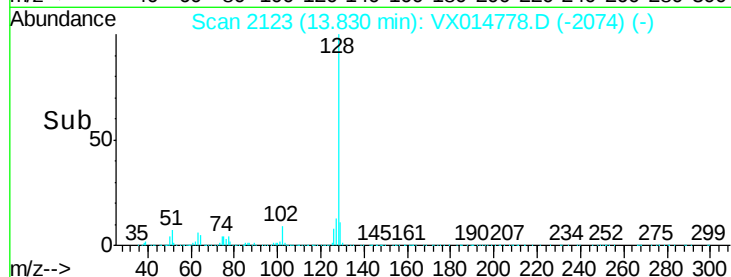
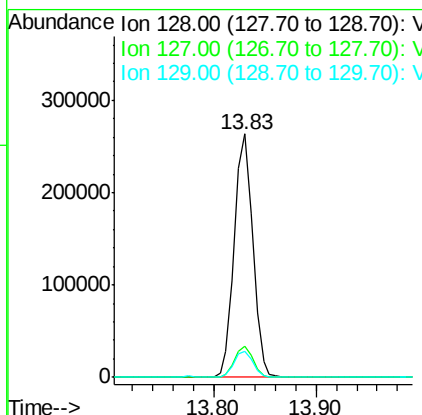
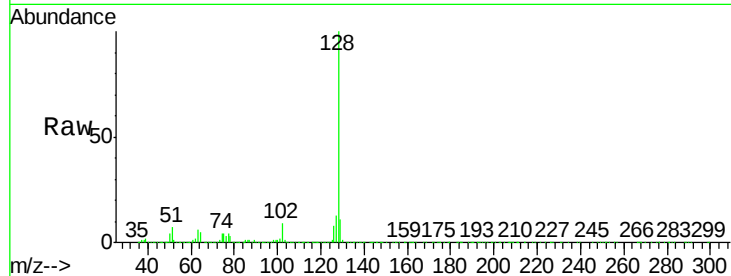
#95  
Naphthalene  
Concen: 17.558 ug/l  
RT: 13.83 min Scan# 2123  
Delta R.T. 0.00 min  
Lab File: VX014778.D  
Acq: 31 Jan 2020 12:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0131WBS02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 328930 |       |       |
| 127     | 13.0  |        | 10.3  | 15.5  |
| 129     | 11.2  |        | 8.6   | 12.8  |

Manual Integrations  
APPROVED

MMDadoda  
2/4/2020 3:35:52 PM



#96  
1,2,3-Trichlorobenzene  
Concen: 19.025 ug/l  
RT: 14.01 min Scan# 2153  
Delta R.T. 0.00 min  
Lab File: VX014778.D  
Acq: 31 Jan 2020 12:35

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 115822 |       |       |
| 182     | 94.5  |        | 46.6  | 139.7 |
| 145     | 30.0  |        | 14.7  | 44.1  |

