

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031820\  
 Data File : VX015322.D  
 Acq On : 18 Mar 2020 13:02  
 Operator : JC/SP  
 Sample : VSTDIC005  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

Manual Integrations  
 APPROVED

MMDadoda  
 3/19/2020 12:00:50 PM

Quant Time: Mar 18 14:41:37 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X031820W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 18 14:21:46 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.65  | 168  | 535008   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.84  | 114  | 965447   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 821299   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152  | 381412   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |      |        |      |
|---------------------------|--------|-----|----------|------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 6.06   | 65  | 35124    | 5.47 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =    | 10.94% |      |
| 35) Dibromofluoromethane  | 5.48   | 113 | 33527    | 5.48 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =    | 10.96% |      |
| 50) Toluene-d8            | 8.71   | 98  | 110334   | 4.76 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =    | 9.52%  |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 44442    | 5.28 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =    | 10.56% |      |

## Target Compounds

|                               |      |     |        |        | Qvalue |     |
|-------------------------------|------|-----|--------|--------|--------|-----|
| 2) Dichlorodifluoromethane    | 1.19 | 85  | 32210  | 6.637  | ug/l   | 97  |
| 3) Chloromethane              | 1.32 | 50  | 34900  | 5.284  | ug/l   | 97  |
| 4) Vinyl Chloride             | 1.40 | 62  | 35903  | 5.344  | ug/l   | 91  |
| 5) Bromomethane               | 1.64 | 94  | 13346  | 3.530  | ug/l   | 86  |
| 6) Chloroethane               | 1.72 | 64  | 21117  | 5.243  | ug/l   | 93  |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 46027  | 5.687  | ug/l   | 98  |
| 8) Diethyl Ether              | 2.17 | 74  | 18852  | 5.231  | ug/l   | 99  |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 37234  | 7.254  | ug/l   | 97  |
| 10) Methyl Iodide             | 2.50 | 142 | 27791  | 4.875  | ug/l   | 98  |
| 11) Tert butyl alcohol        | 3.04 | 59  | 33268  | 29.147 | ug/l # | 87  |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 36784  | 6.919  | ug/l   | 89  |
| 13) Acrolein                  | 2.28 | 56  | 39808  | 37.502 | ug/l   | 99  |
| 14) Allyl chloride            | 2.72 | 41  | 54123  | 5.906  | ug/l   | 99  |
| 15) Acrylonitrile             | 3.13 | 53  | 85608  | 30.072 | ug/l   | 99  |
| 16) Acetone                   | 2.44 | 43  | 75881  | 29.755 | ug/l   | 97  |
| 17) Carbon Disulfide          | 2.56 | 76  | 93759  | 6.328  | ug/l   | 98  |
| 18) Methyl Acetate            | 2.76 | 43  | 36780  | 5.749  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether   | 3.18 | 73  | 101850 | 6.061  | ug/l   | 98  |
| 20) Methylene Chloride        | 2.84 | 84  | 43047  | 6.842  | ug/l   | 98  |
| 21) trans-1,2-Dichloroethene  | 3.15 | 96  | 40687  | 6.947  | ug/l   | 96  |
| 22) Diisopropyl ether         | 3.84 | 45  | 111218 | 6.035  | ug/l   | 96  |
| 23) Vinyl Acetate             | 3.80 | 43  | 416358 | 27.632 | ug/l   | 100 |
| 24) 1,1-Dichloroethane        | 3.69 | 63  | 65242  | 6.313  | ug/l   | 99  |
| 25) 2-Butanone                | 4.66 | 43  | 104571 | 27.451 | ug/l   | 97  |
| 26) 2,2-Dichloropropane       | 4.56 | 77  | 50751  | 6.236  | ug/l   | 94  |
| 27) cis-1,2-Dichloroethene    | 4.58 | 96  | 43654  | 6.719  | ug/l   | 97  |
| 28) Bromochloromethane        | 5.00 | 49  | 27969  | 6.055  | ug/l   | 93  |
| 29) Tetrahydrofuran           | 5.11 | 42  | 63955  | 25.789 | ug/l   | 97  |
| 30) Chloroform                | 5.20 | 83  | 67149  | 6.629  | ug/l   | 89  |
| 31) Cyclohexane               | 5.56 | 56  | 54244  | 5.871  | ug/l   | 96  |
| 32) 1,1,1-Trichloroethane     | 5.48 | 97  | 54502  | 6.455  | ug/l   | 97  |
| 36) 1,1-Dichloropropene       | 5.79 | 75  | 47671  | 5.318  | ug/l   | 94  |
| 37) Ethyl Acetate             | 4.82 | 43  | 41478  | 5.071  | ug/l # | 94  |
| 38) Carbon Tetrachloride      | 5.77 | 117 | 44696  | 5.267  | ug/l   | 96  |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031820\  
 Data File : VX015322.D  
 Acq On : 18 Mar 2020 13:02  
 Operator : JC/SP  
 Sample : VSTDIC005  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDIC005

Manual Integrations  
 APPROVED

MMDadoda  
 3/19/2020 12:00:50 PM

Quant Time: Mar 18 14:41:37 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X031820W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 18 14:21:46 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 7.45  | 83   | 53540    | 5.086  | ug/l   | 97       |
| 40) Benzene                    | 6.13  | 78   | 149571   | 5.598  | ug/l   | 98       |
| 41) Methacrylonitrile          | 5.03  | 41   | 22274    | 4.554  | ug/l # | 90       |
| 42) 1,2-Dichloroethane         | 6.18  | 62   | 44431    | 4.953  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 6.43  | 43   | 61031    | 4.276  | ug/l   | 96       |
| 44) Trichloroethene            | 7.20  | 130  | 35968    | 4.876  | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 7.50  | 63   | 32094    | 4.688  | ug/l   | 95       |
| 46) Dibromomethane             | 7.65  | 93   | 24491    | 5.445  | ug/l   | 96       |
| 47) Bromodichloromethane       | 7.89  | 83   | 42727    | 4.827  | ug/l   | 98       |
| 48) Methyl methacrylate        | 7.76  | 41   | 27732    | 3.814  | ug/l   | 95       |
| 49) 1,4-Dioxane                | 7.75  | 88   | 14688    | 90.293 | ug/l # | 93       |
| 51) 4-Methyl-2-Pentanone       | 8.63  | 43   | 172580   | 20.361 | ug/l   | 100      |
| 52) Toluene                    | 8.78  | 92   | 84445    | 5.169  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene      | 9.03  | 75   | 43311    | 4.626  | ug/l   | 95       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 50506    | 4.739  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 35991    | 5.339  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 9.17  | 69   | 41908    | 4.410  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 9.36  | 76   | 61189    | 5.422  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.30  | 63   | 132993   | 25.753 | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.48  | 43   | 127594   | 20.346 | ug/l   | 95       |
| 60) Dibromochloromethane       | 9.57  | 129  | 33594    | 4.776  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 36135    | 5.079  | ug/l   | 93       |
| 64) Tetrachloroethene          | 9.32  | 164  | 32340    | 4.861  | ug/l   | 95       |
| 65) Chlorobenzene              | 10.13 | 112  | 92842    | 5.573  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.21 | 131  | 34819    | 5.595  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 167568   | 5.934  | ug/l   | 96       |
| 68) m/p-Xylenes                | 10.35 | 106  | 121491   | 11.283 | ug/l   | 99       |
| 69) o-Xylene                   | 10.70 | 106  | 54490    | 5.284  | ug/l   | 98       |
| 70) Styrene                    | 10.71 | 104  | 89887    | 5.084  | ug/l   | 99       |
| 71) Bromoform                  | 10.85 | 173  | 19527    | 4.118  | ug/l # | 98       |
| 73) Isopropylbenzene           | 11.01 | 105  | 155728   | 6.255  | ug/l   | 98       |
| 74) N-amyl acetate             | 10.89 | 43   | 46077    | 4.535  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.26 | 83   | 47153    | 5.707  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 39932m   | 5.330  | ug/l   |          |
| 77) Bromobenzene               | 11.25 | 156  | 34562    | 5.063  | ug/l   | 98       |
| 78) n-propylbenzene            | 11.35 | 91   | 177967   | 6.304  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 108714   | 6.427  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.50 | 105  | 127635   | 6.194  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 12763    | 4.674  | ug/l   | 87       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 123649   | 6.194  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.76 | 119  | 121926   | 6.105  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 129502   | 6.203  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.94 | 105  | 156619   | 6.442  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 132364   | 5.945  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 67356    | 5.556  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 12.09 | 146  | 72827    | 5.834  | ug/l   | 95       |
| 89) n-Butylbenzene             | 12.38 | 91   | 124546   | 6.269  | ug/l   | 97       |
| 90) Hexachloroethane           | 12.59 | 117  | 24995    | 5.938  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene        | 12.38 | 146  | 68517    | 5.654  | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.99 | 75   | 8919     | 5.453  | ug/l   | 88       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031820\  
Data File : VX015322.D  
Acq On : 18 Mar 2020 13:02  
Operator : JC/SP  
Sample : VSTDICC005  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC005

Manual Integrations  
APPROVED

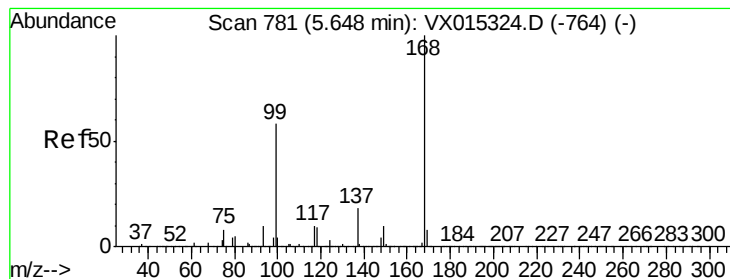
MMDadoda  
3/19/2020 12:00:50 PM

Quant Time: Mar 18 14:41:37 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X031820W.M  
Quant Title : SW846 8260  
QLast Update : Wed Mar 18 14:21:46 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.64 | 180  | 39247    | 4.821 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 13.77 | 225  | 17991    | 4.442 | ug/l  | 95       |
| 95) Naphthalene            | 13.83 | 128  | 121455   | 5.253 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.01 | 180  | 40901    | 5.045 | 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. -0.00 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 535008

Ion Ratio Lower Upper

168 100

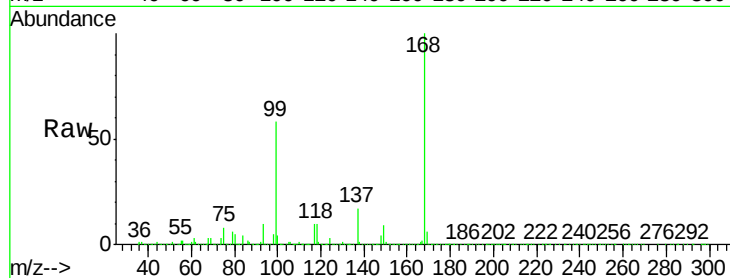
99 58.1 47.0 70.6

Manual Integrations

APPROVED

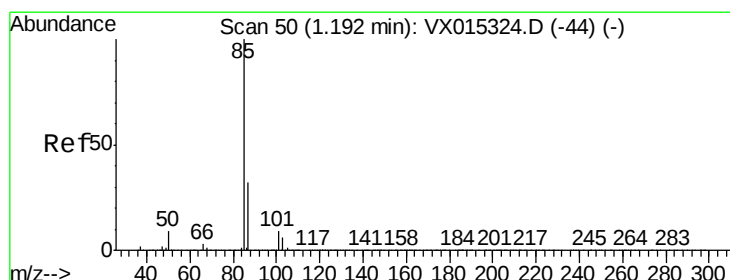
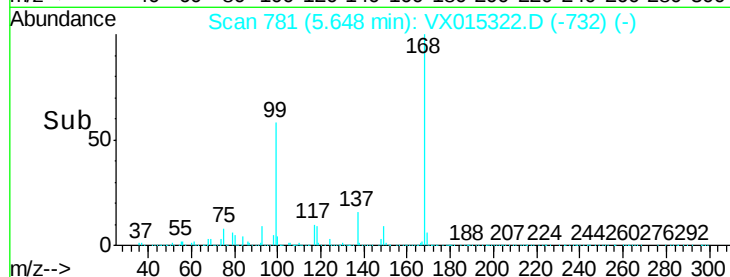
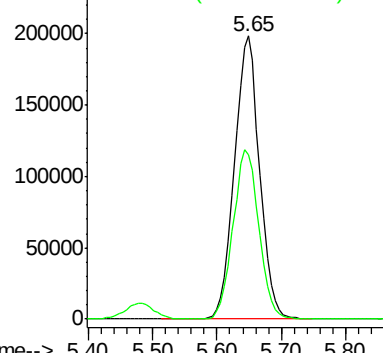
MMDadoda

3/19/2020 12:00:50 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 6.637 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015322.D

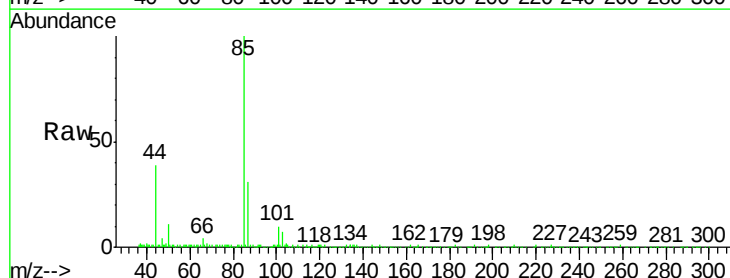
Acq: 18 Mar 2020 13:02

Tgt Ion: 85 Resp: 32210

Ion Ratio Lower Upper

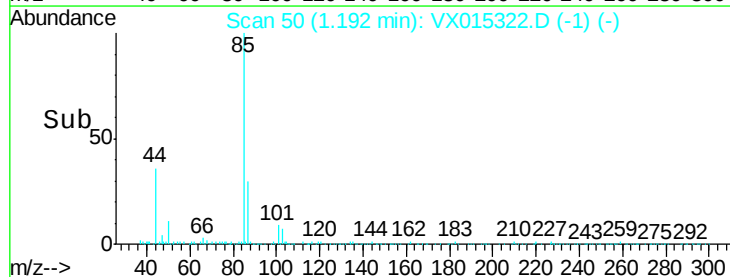
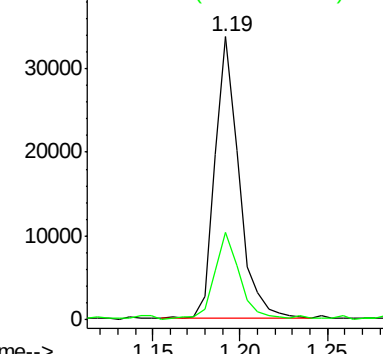
85 100

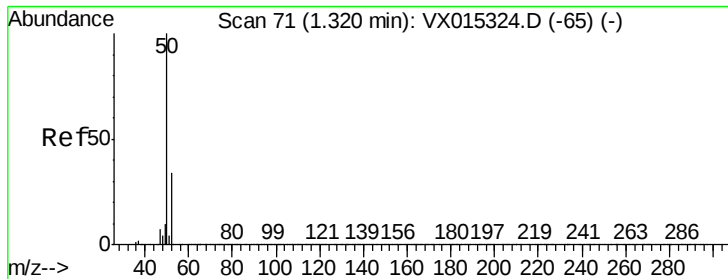
87 30.6 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 5.284 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 34900

Ion Ratio Lower Upper

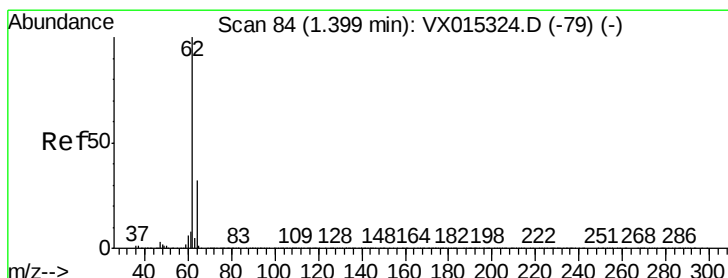
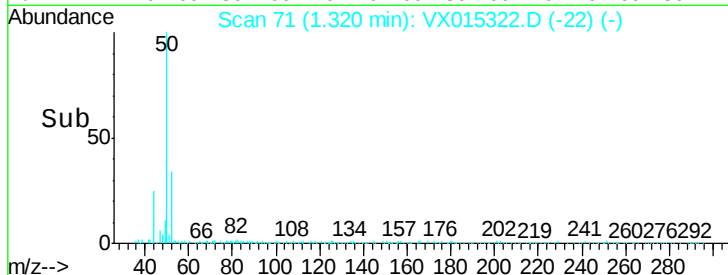
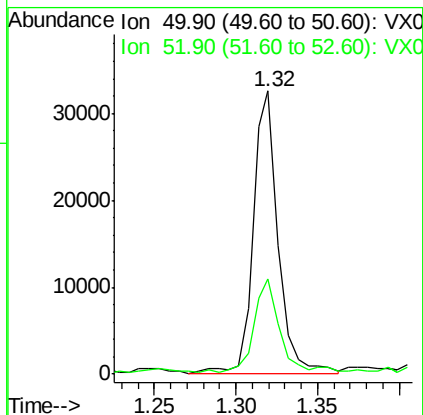
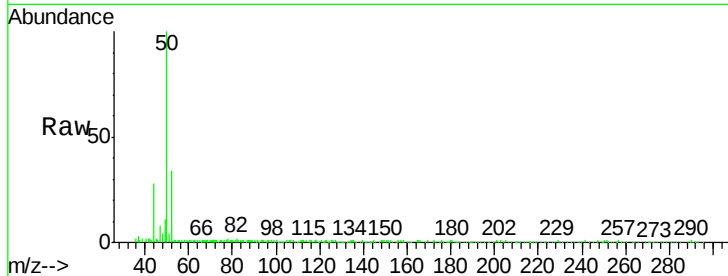
50 100

52 32.7 27.4 41.0

Manual Integrations  
APPROVED

MMDadoda

3/19/2020 12:00:50 PM



#4

Vinyl Chloride

Concen: 5.344 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX015322.D

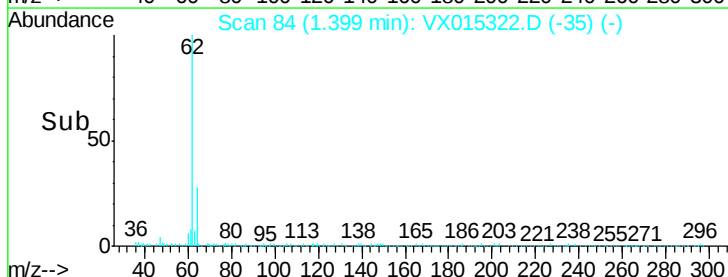
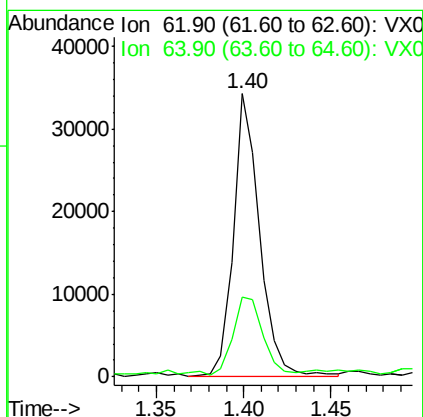
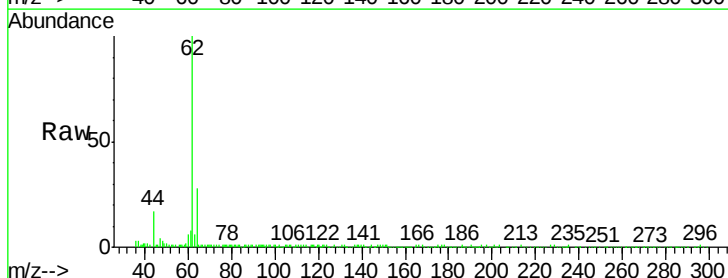
Acq: 18 Mar 2020 13:02

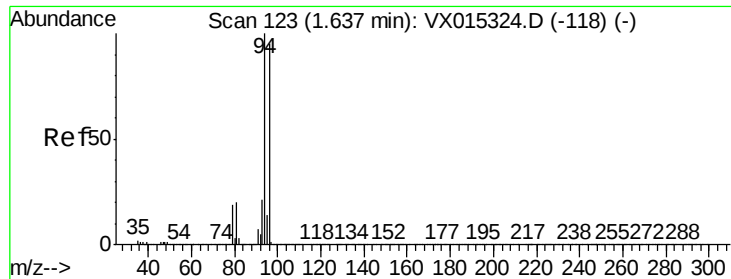
Tgt Ion: 62 Resp: 35903

Ion Ratio Lower Upper

62 100

64 26.5 25.4 38.0





#5

Bromomethane

Concen: 3.530 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 13346

Ion Ratio Lower Upper

94 100

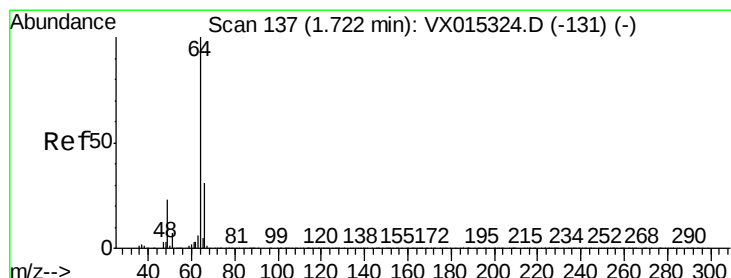
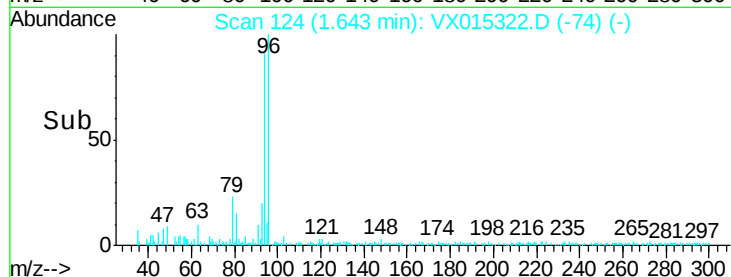
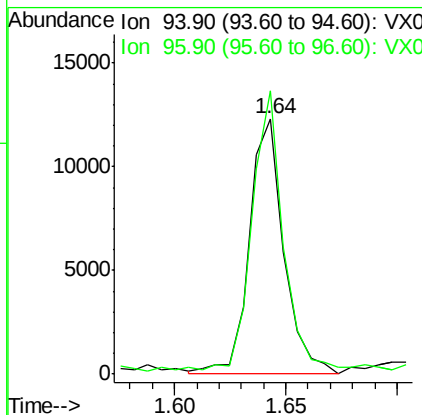
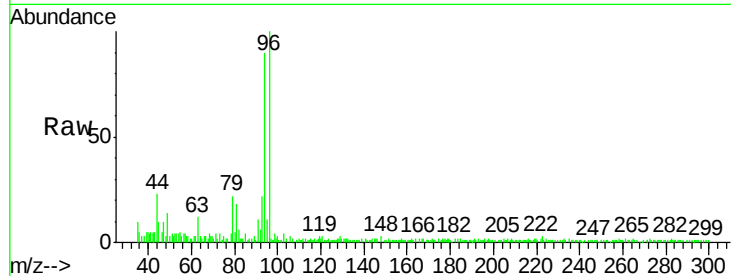
96 109.7 76.5 114.7

Manual Integrations

APPROVED

MMDadoda

3/19/2020 12:00:50 PM



#6

Chloroethane

Concen: 5.243 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX015322.D

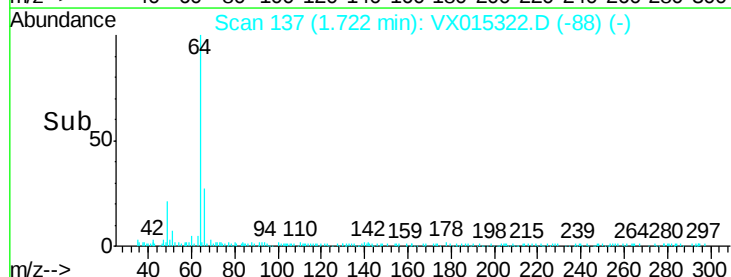
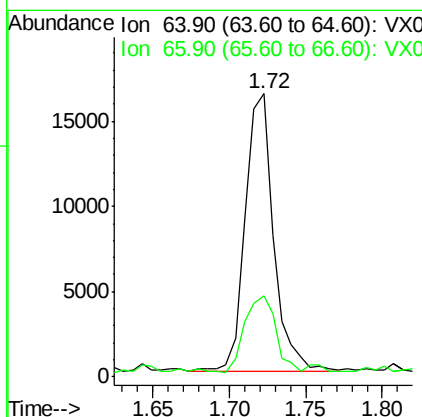
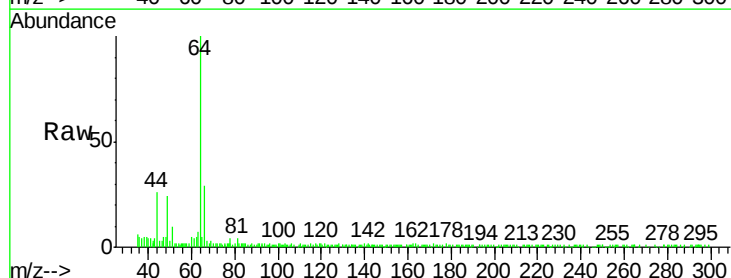
Acq: 18 Mar 2020 13:02

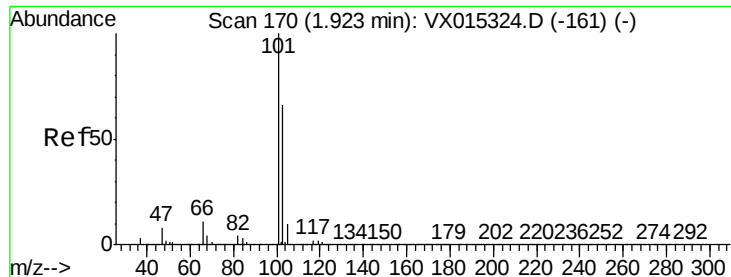
Tgt Ion: 64 Resp: 21117

Ion Ratio Lower Upper

64 100

66 27.3 24.8 37.2





#7

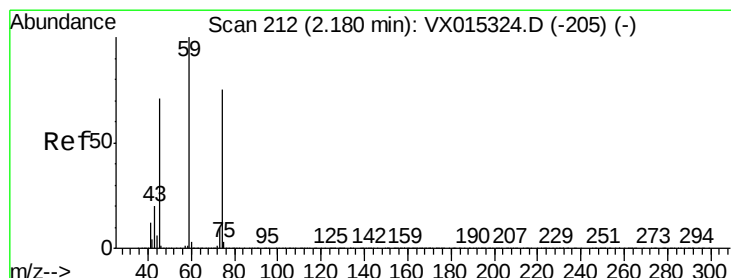
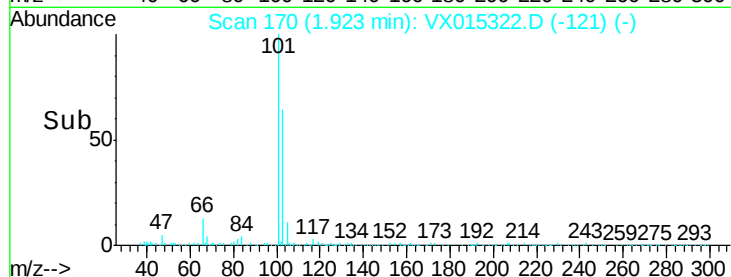
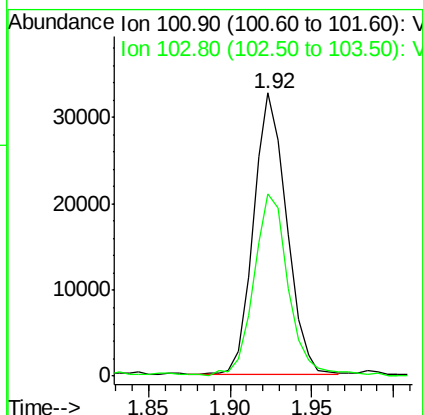
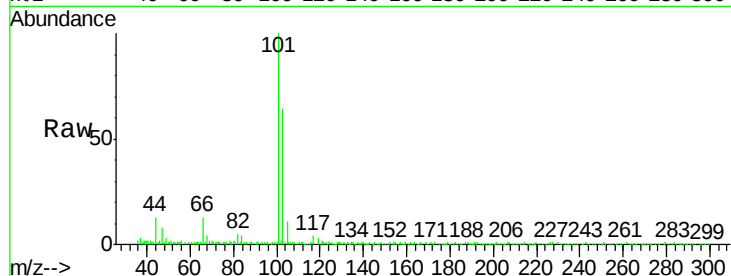
Trichlorofluoromethane  
Concen: 5.687 ug/l  
RT: 1.92 min Scan# 170  
Delta R.T. -0.00 min  
Lab File: VX015322.D  
Acq: 18 Mar 2020 13:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 64.2  | 52.6  | 79.0  |

Manual Integrations  
APPROVED

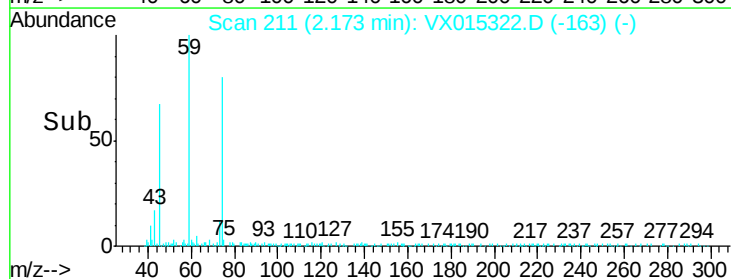
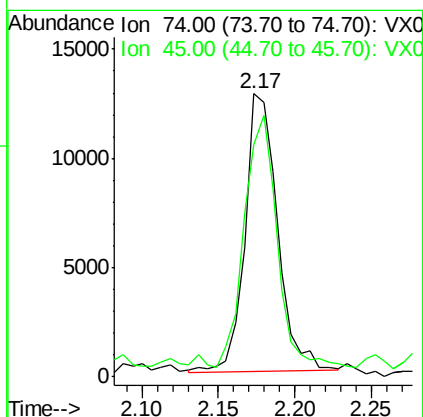
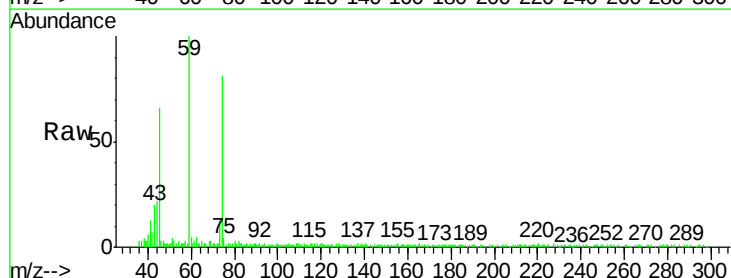
MMDadoda  
3/19/2020 12:00:50 PM

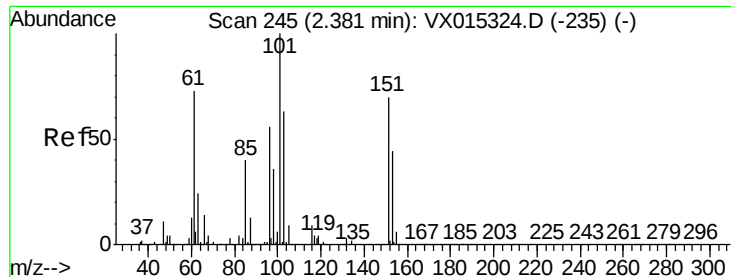


#8

Diethyl Ether  
Concen: 5.231 ug/l  
RT: 2.17 min Scan# 211  
Delta R.T. -0.01 min  
Lab File: VX015322.D  
Acq: 18 Mar 2020 13:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 92.2  | 46.5  | 139.5 |





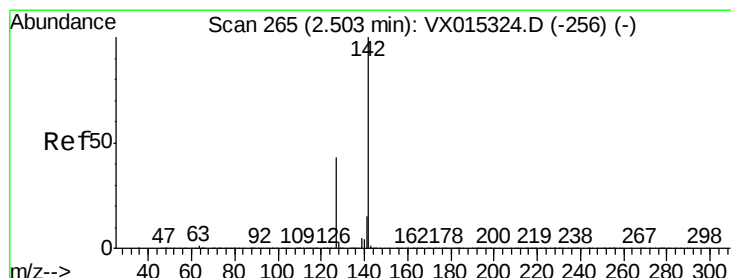
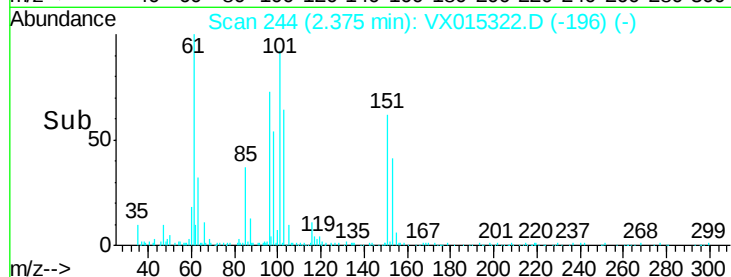
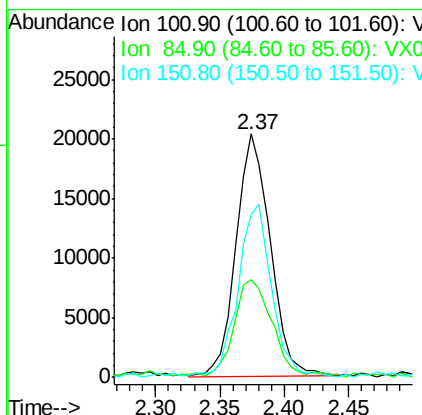
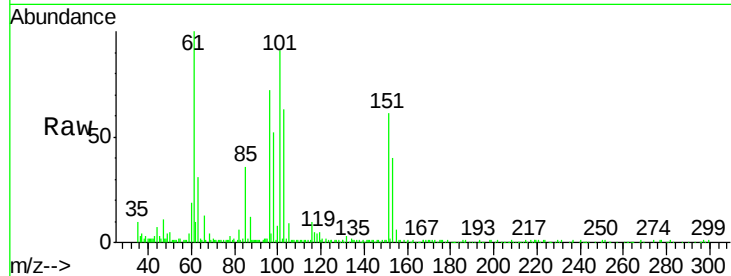
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 7.254 ug/l  
RT: 2.37 min Scan# 244  
Delta R.T. -0.01 min  
Lab File: VX015322.D  
Acq: 18 Mar 2020 13:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 85      | 43.8  | 32.2  | 48.4  |
| 151     | 69.6  | 55.0  | 82.6  |

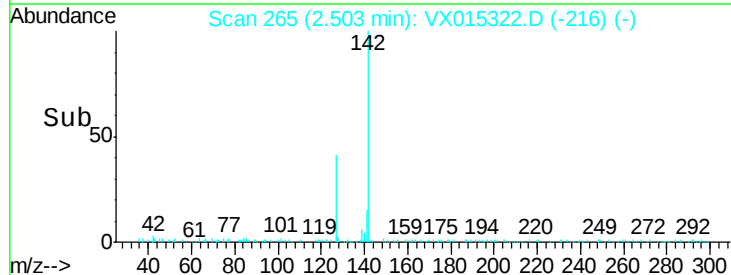
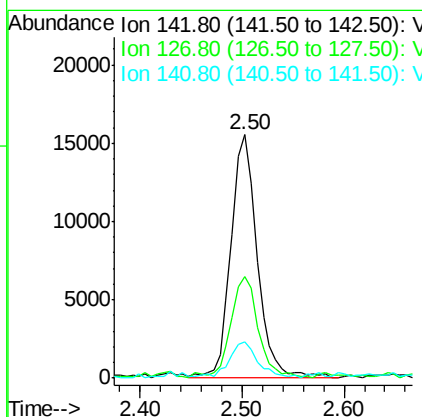
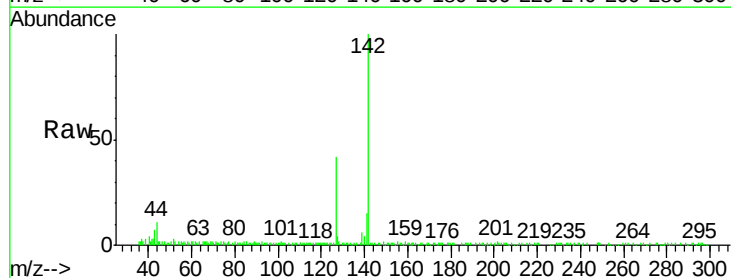
Manual Integrations  
APPROVED

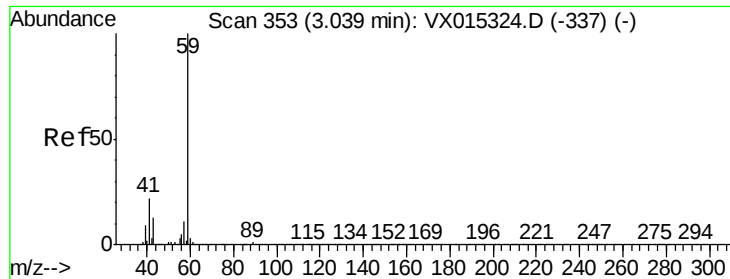
MMDadoda  
3/19/2020 12:00:50 PM



#10  
Methyl Iodide  
Concen: 4.875 ug/l  
RT: 2.50 min Scan# 265  
Delta R.T. -0.00 min  
Lab File: VX015322.D  
Acq: 18 Mar 2020 13:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 127     | 42.8  | 33.6  | 50.4  |
| 141     | 14.0  | 11.9  | 17.9  |





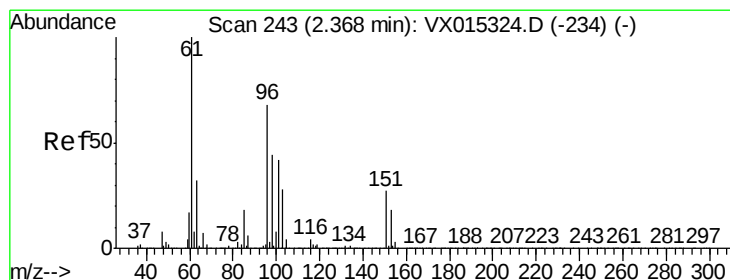
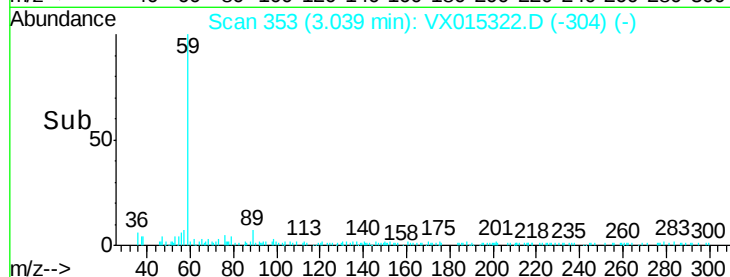
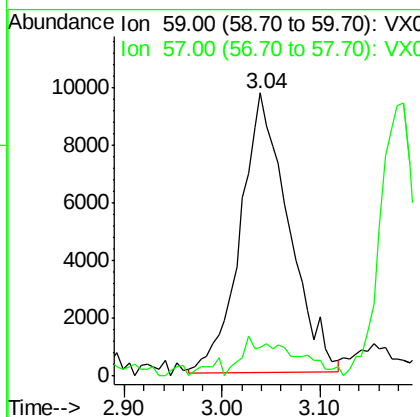
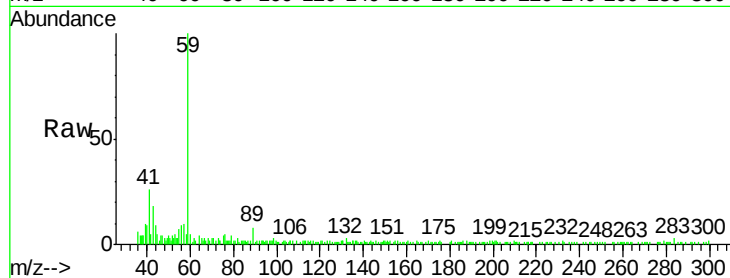
#11  
Tert butyl alcohol  
Concen: 29.147 ug/l  
RT: 3.04 min Scan# 353  
Delta R.T. -0.00 min  
Lab File: VX015322.D  
Acq: 18 Mar 2020 13:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 5.2   | 8.0   | 12.0# |

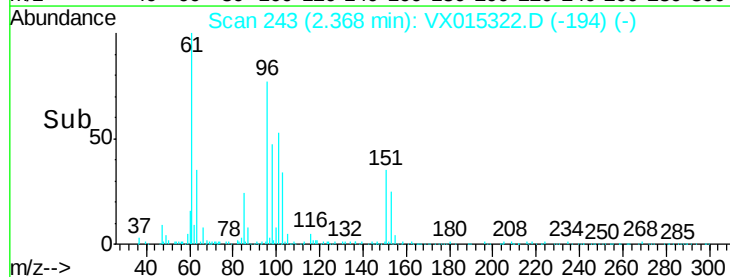
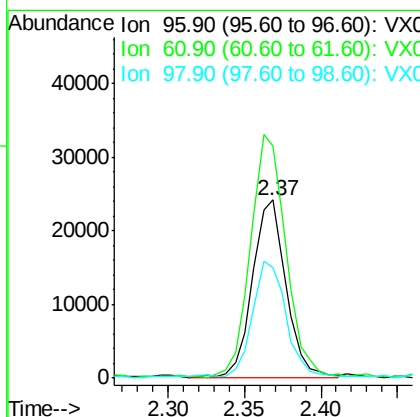
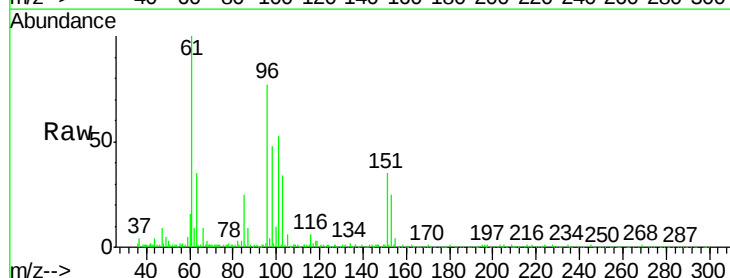
Manual Integrations  
APPROVED

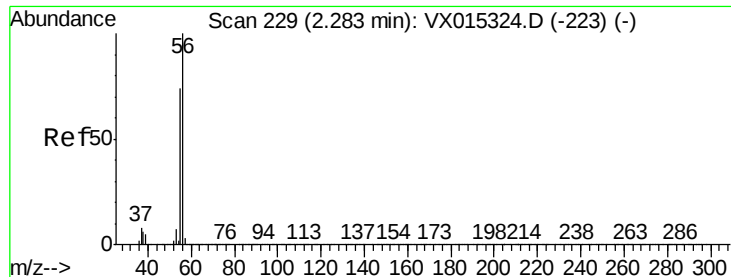
MMDadoda  
3/19/2020 12:00:50 PM



#12  
1,1-Dichloroethene  
Concen: 6.919 ug/l  
RT: 2.37 min Scan# 243  
Delta R.T. -0.00 min  
Lab File: VX015322.D  
Acq: 18 Mar 2020 13:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 129.9 | 117.7 | 176.5 |
| 98      | 61.5  | 52.3  | 78.5  |





#13

Acrolein

Concen: 37.502 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 39808

Ion Ratio Lower Upper

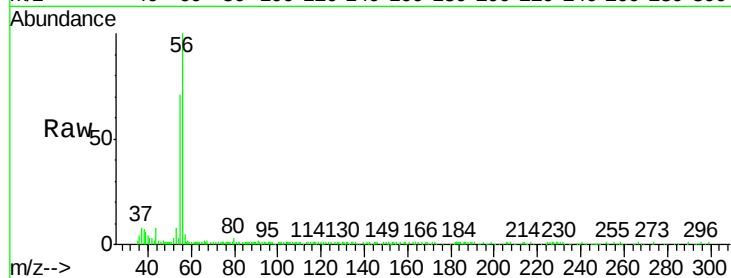
56 100

55 69.7 56.6 84.8

Manual Integrations  
APPROVED

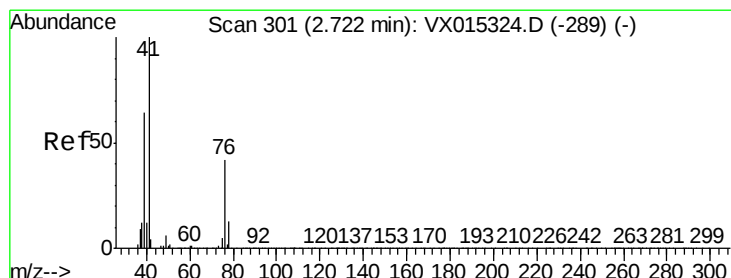
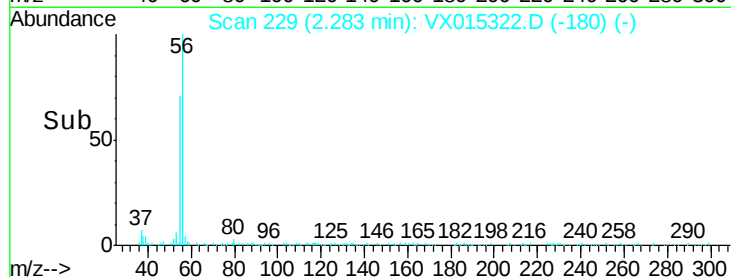
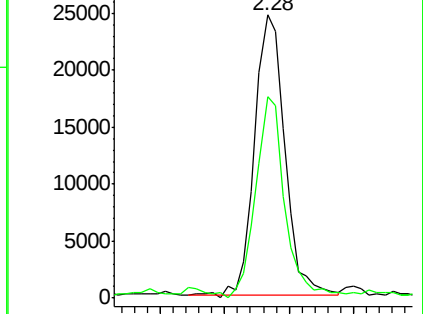
MMDadoda

3/19/2020 12:00:50 PM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 5.906 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

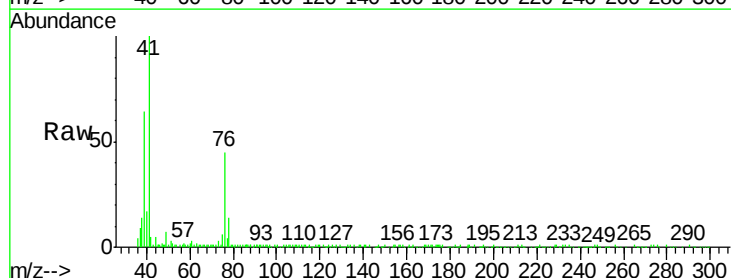
Tgt Ion: 41 Resp: 54123

Ion Ratio Lower Upper

41 100

39 59.1 46.8 70.2

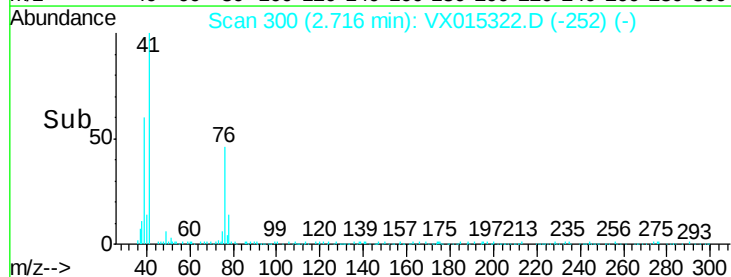
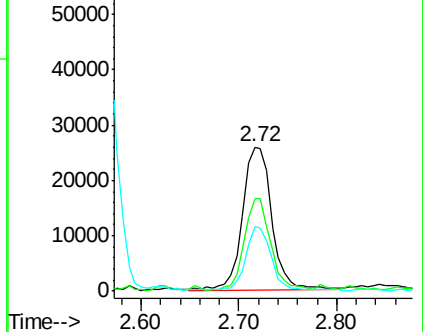
76 37.1 30.7 46.1

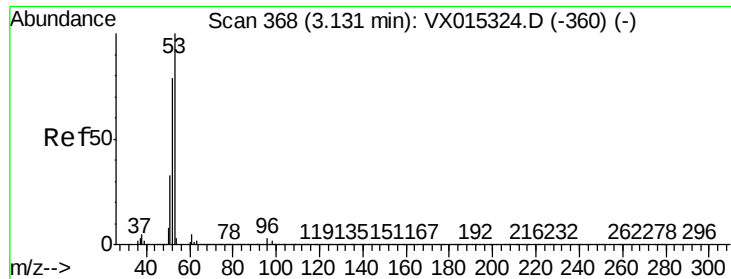


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





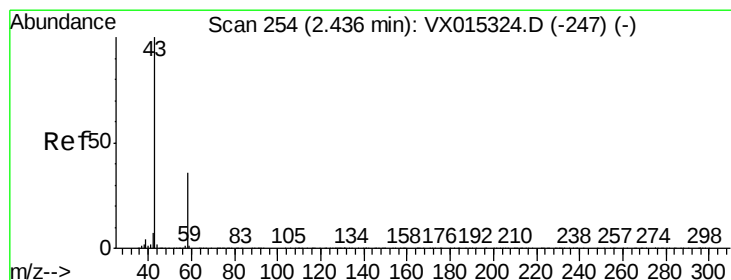
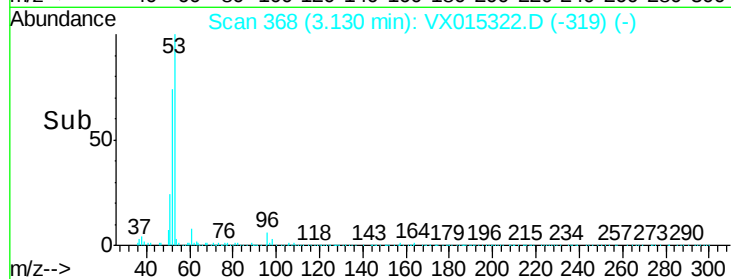
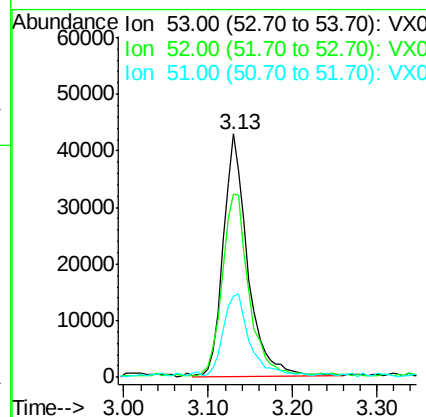
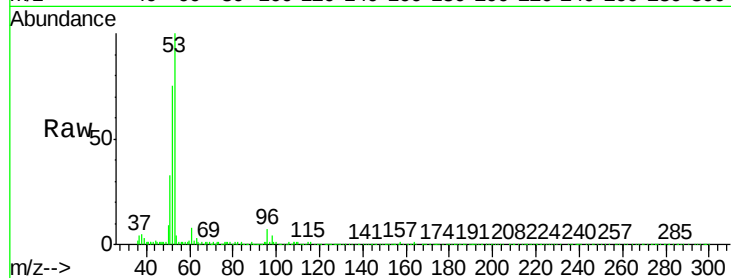
#15  
Acrylonitrile  
Concen: 30.072 ug/l  
RT: 3.13 min Scan# 368  
Delta R.T. -0.00 min  
Lab File: VX015322.D  
Acq: 18 Mar 2020 13:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ion | Ratio | Resp  | Lower | Upper |
|---------|-----|-------|-------|-------|-------|
| 53      | 53  | 100   | 85608 |       |       |
| 52      | 52  | 81.5  |       | 64.6  | 97.0  |
| 51      | 51  | 36.1  |       | 27.5  | 41.3  |

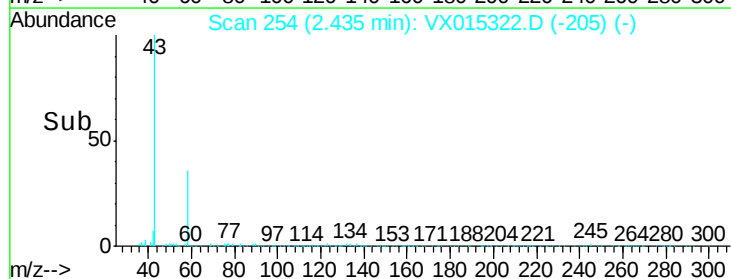
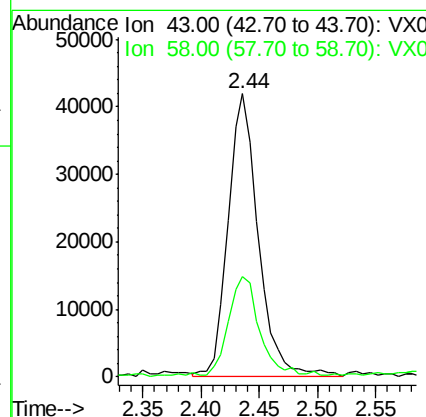
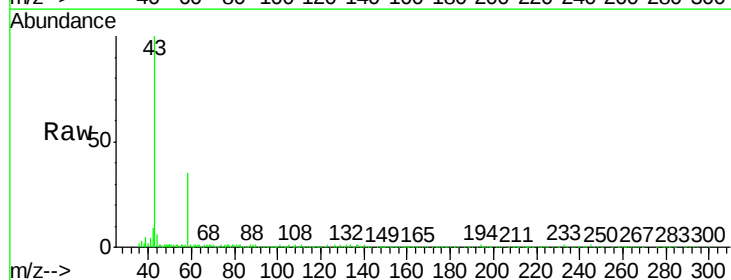
Manual Integrations  
APPROVED

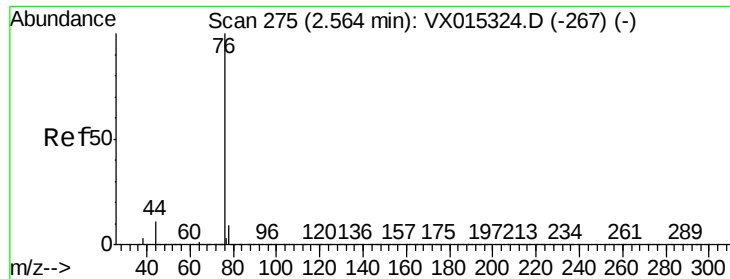
MMDadoda  
3/19/2020 12:00:50 PM



#16  
Acetone  
Concen: 29.755 ug/l  
RT: 2.44 min Scan# 254  
Delta R.T. -0.00 min  
Lab File: VX015322.D  
Acq: 18 Mar 2020 13:02

| Tgt Ion | Ion | Ratio | Resp  | Lower | Upper |
|---------|-----|-------|-------|-------|-------|
| 43      | 43  | 100   | 75881 |       |       |
| 58      | 58  | 34.5  |       | 29.0  | 43.4  |





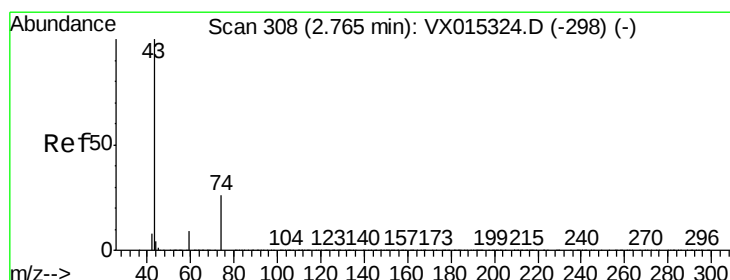
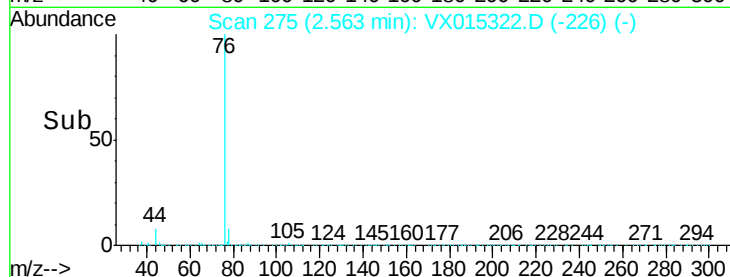
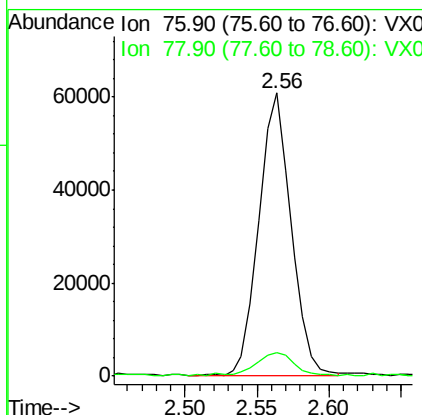
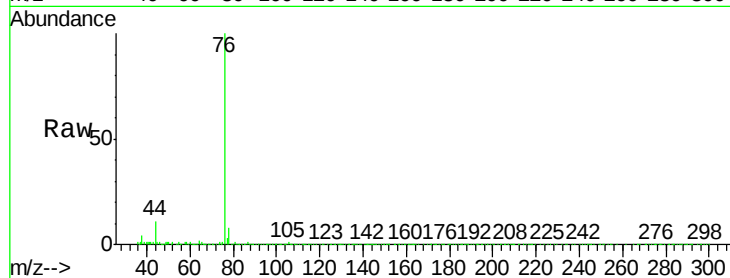
#17  
Carbon Disulfide  
Concen: 6.328 ug/l  
RT: 2.56 min Scan# 275  
Delta R.T. -0.00 min  
Lab File: VX015322.D  
Acq: 18 Mar 2020 13:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 8.4   | 7.2   | 10.8  |

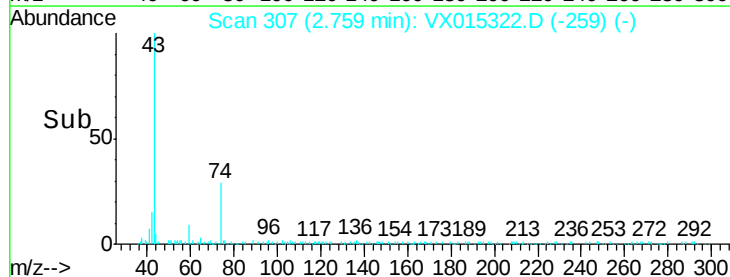
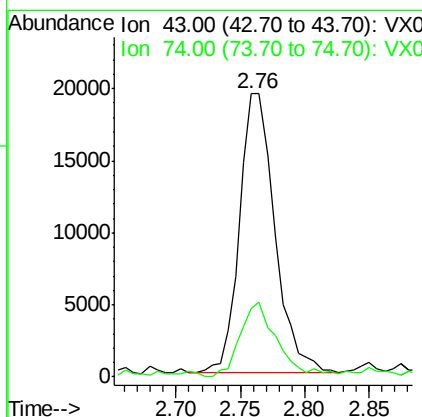
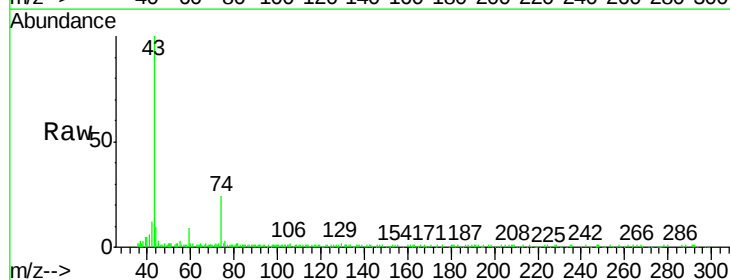
Manual Integrations  
APPROVED

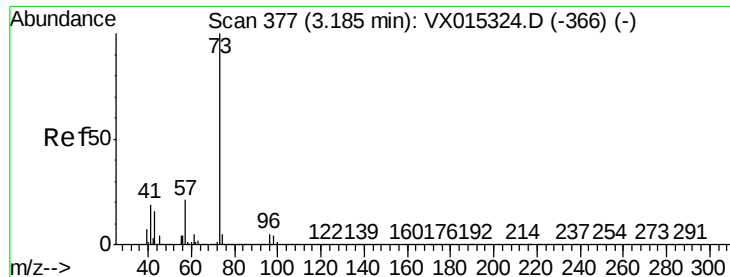
MMDadoda  
3/19/2020 12:00:50 PM



#18  
Methyl Acetate  
Concen: 5.749 ug/l  
RT: 2.76 min Scan# 307  
Delta R.T. -0.01 min  
Lab File: VX015322.D  
Acq: 18 Mar 2020 13:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 28.1  | 21.9  | 32.9  |





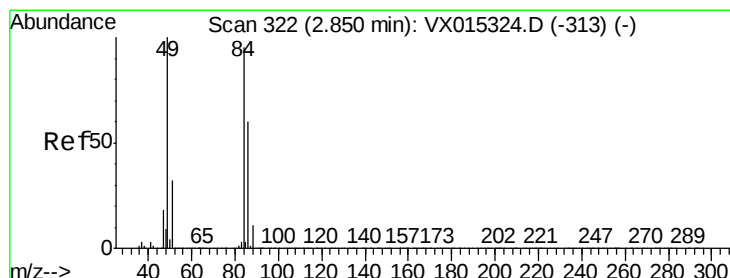
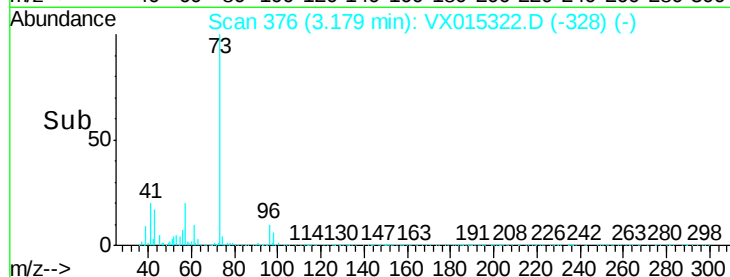
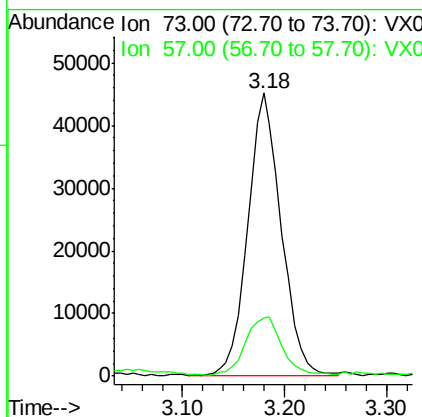
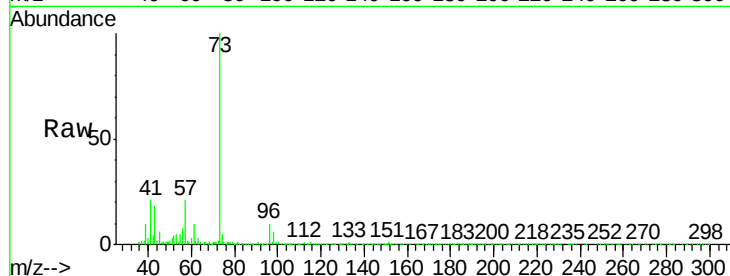
#19  
Methvl tert-butvl Ether  
Concen: 6.061 ug/l  
RT: 3.18 min Scan# 376  
Delta R.T. -0.01 min  
Lab File: VX015322.D  
Acq: 18 Mar 2020 13:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 20.2  | 16.8  | 25.2  |

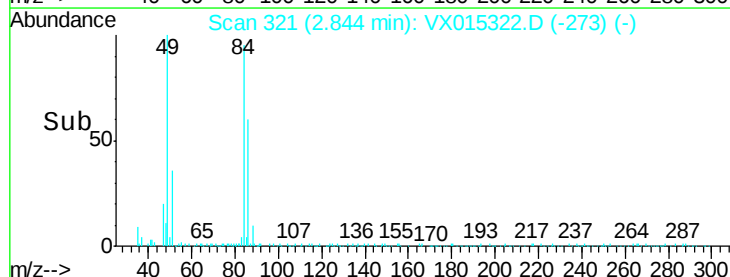
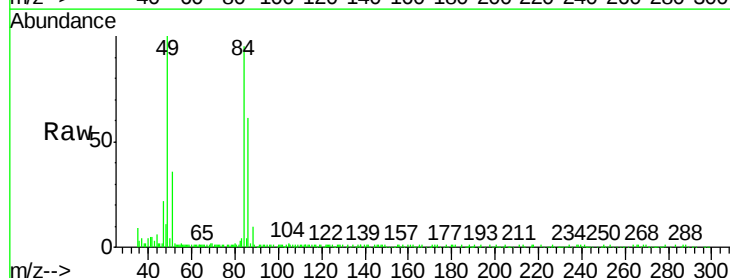
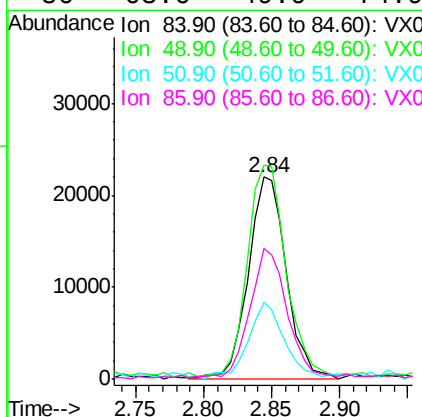
Manual Integrations  
APPROVED

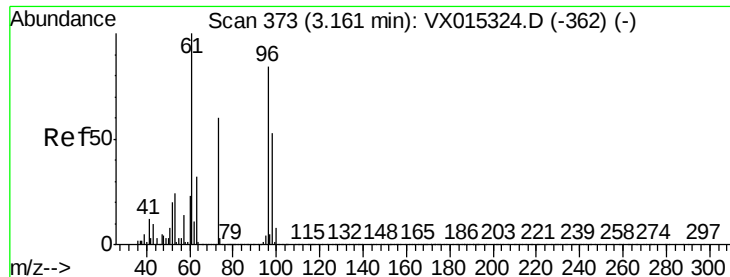
MMDadoda  
3/19/2020 12:00:50 PM



#20  
Methylene Chloride  
Concen: 6.842 ug/l  
RT: 2.84 min Scan# 321  
Delta R.T. -0.01 min  
Lab File: VX015322.D  
Acq: 18 Mar 2020 13:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 103.5 | 84.0  | 126.0 |
| 51      | 36.9  | 27.0  | 40.6  |
| 86      | 63.6  | 49.9  | 74.9  |





#21

trans-1,2-Dichloroethene

Concen: 6.947 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

Instrument :

MSVOA\_X

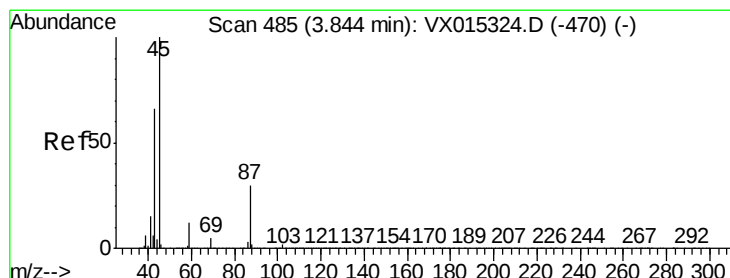
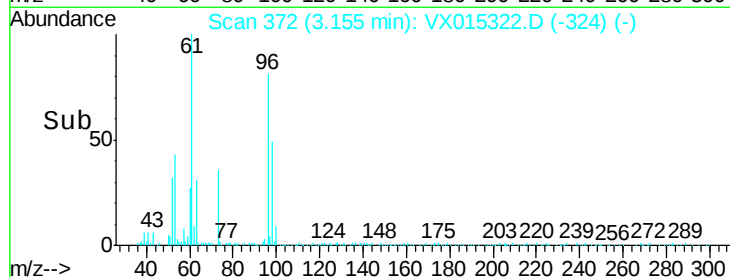
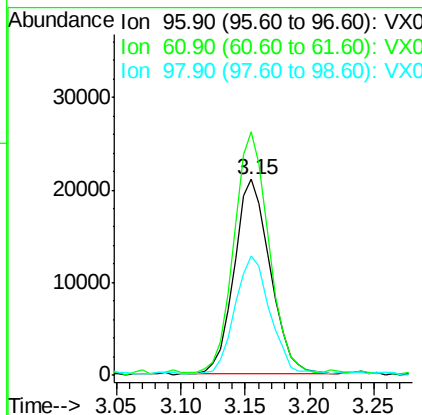
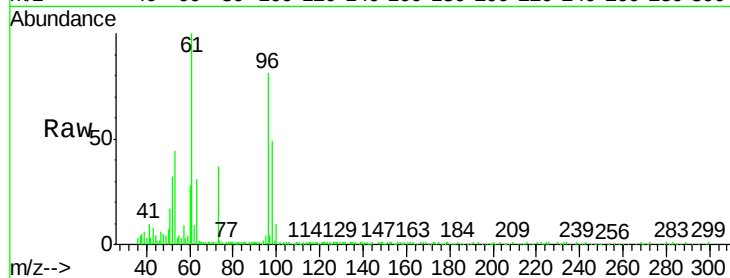
ClientSampleId :

VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 40687 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 123.9 | 95.5  | 143.3 |
| 98       | 60.8  | 50.2  | 75.2  |

Manual Integrations  
APPROVED

MMDadoda  
3/19/2020 12:00:50 PM



#22

Diisopropyl ether

Concen: 6.035 ug/l

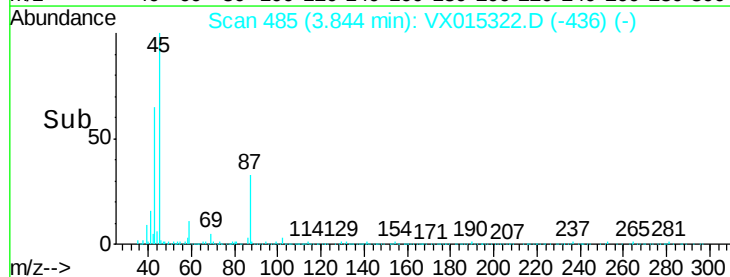
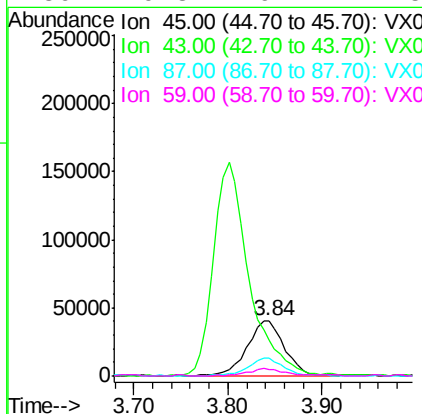
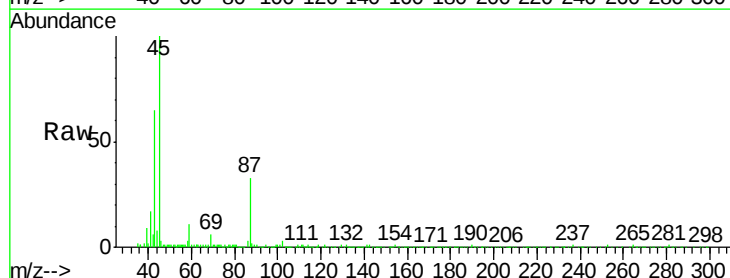
RT: 3.84 min Scan# 485

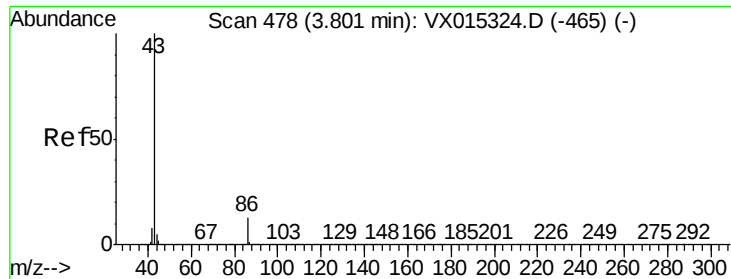
Delta R.T. -0.00 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 111218 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 62.7  | 52.8  | 79.2   |
| 87       | 32.5  | 24.3  | 36.5   |
| 59       | 9.8   | 9.7   | 14.5   |





#23

Vinyl Acetate

Concen: 27.632 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

Instrument :

MSVOA\_X

ClientSampled :

VSTDIC005

Tot Ion: 43 Resp: 416358

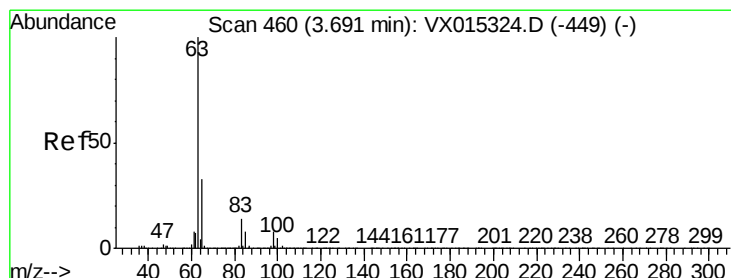
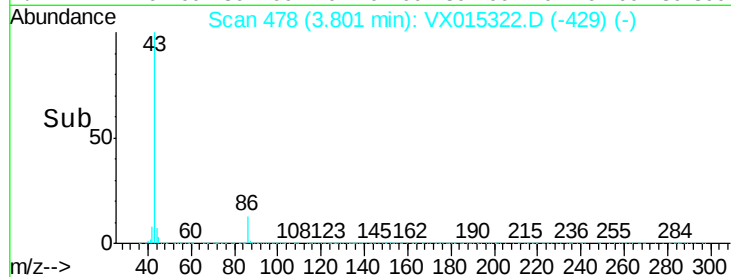
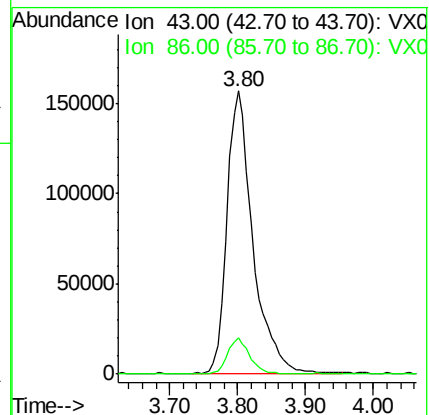
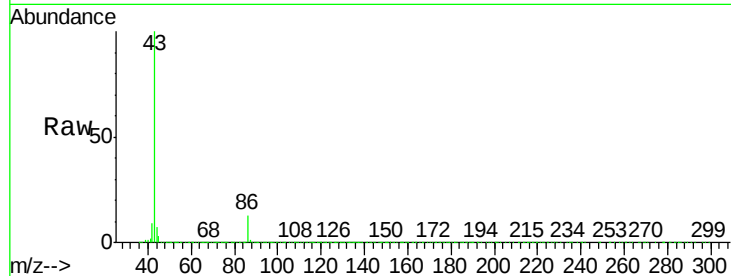
Ion Ratio Lower Upper

43 100

86 12.8 10.1 15.1

Manual Integrations  
APPROVED

MMDadoda  
3/19/2020 12:00:50 PM



#24

1,1-Dichloroethane

Concen: 6.313 ug/l

RT: 3.69 min Scan# 460

Delta R.T. -0.00 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

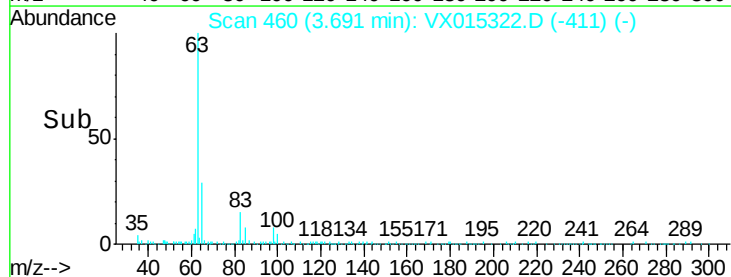
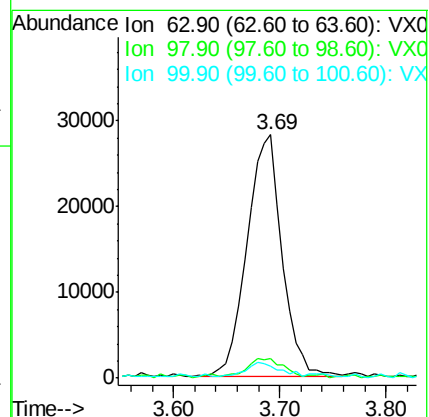
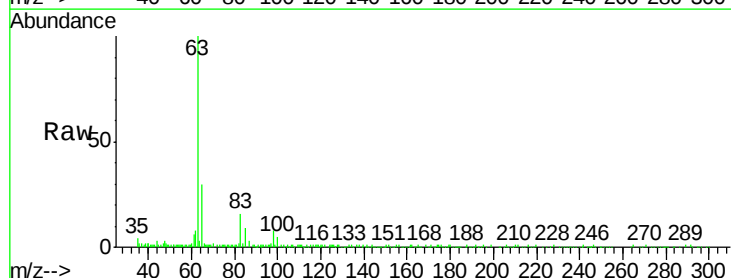
Tgt Ion: 63 Resp: 65242

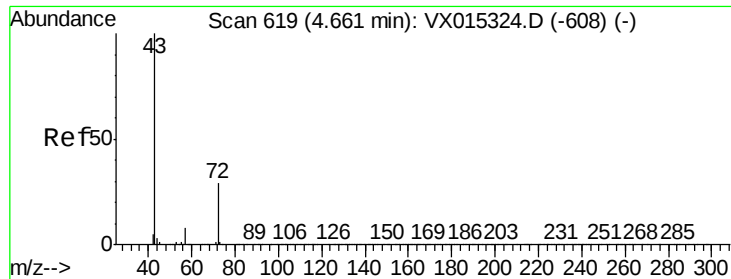
Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.7

100 4.2 2.4 7.2





#25

2-Butanone

Concen: 27.451 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 104571

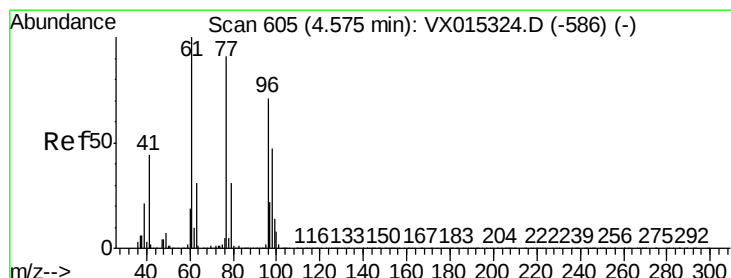
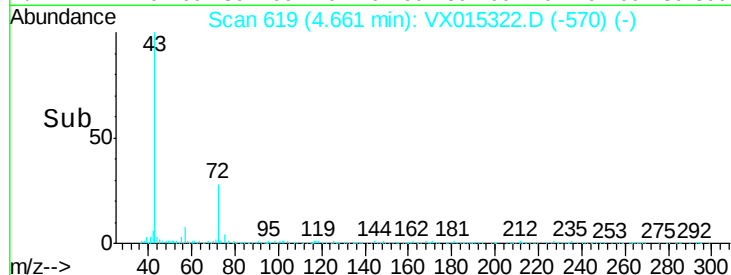
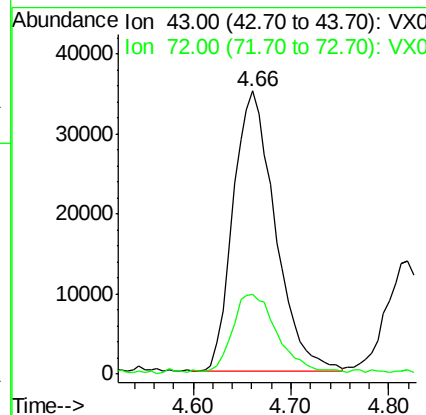
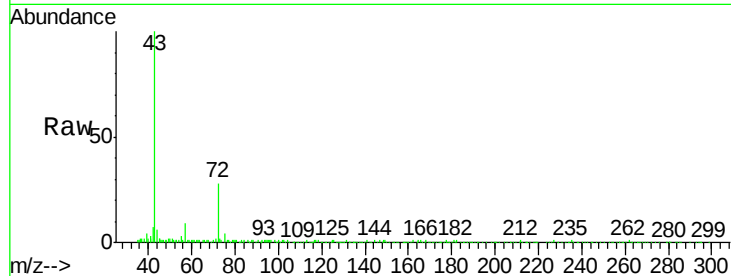
Ion Ratio Lower Upper

43 100

72 27.1 23.1 34.7

Manual Integrations  
APPROVED

MMDadoda  
3/19/2020 12:00:50 PM



#26

2,2-Dichloropropane

Concen: 6.236 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX015322.D

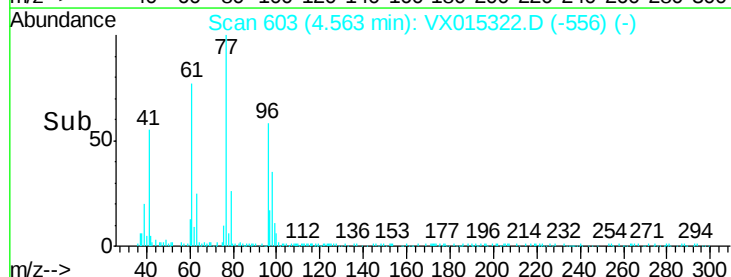
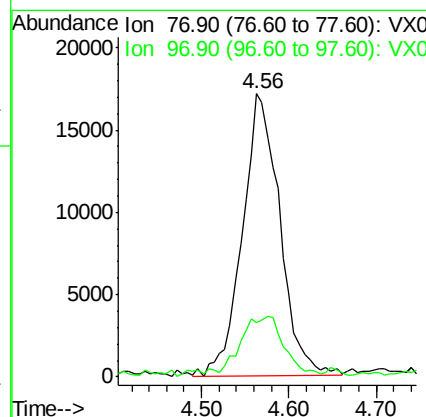
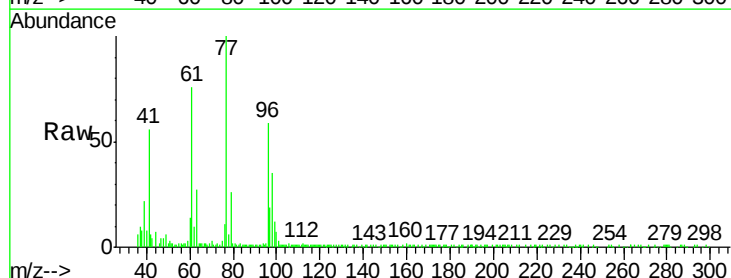
Acq: 18 Mar 2020 13:02

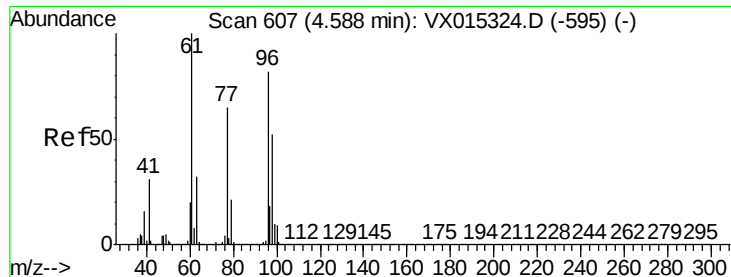
Tgt Ion: 77 Resp: 50751

Ion Ratio Lower Upper

77 100

97 22.9 13.0 38.9





#27

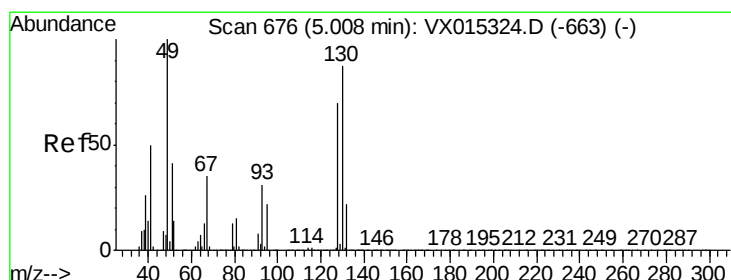
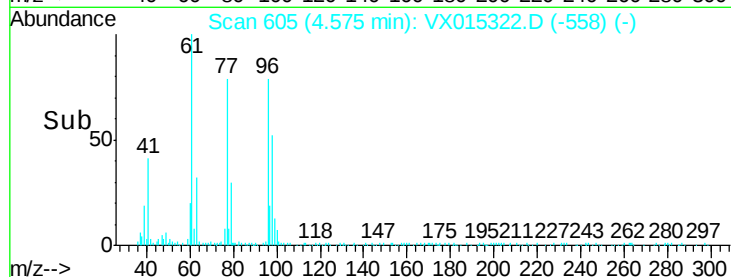
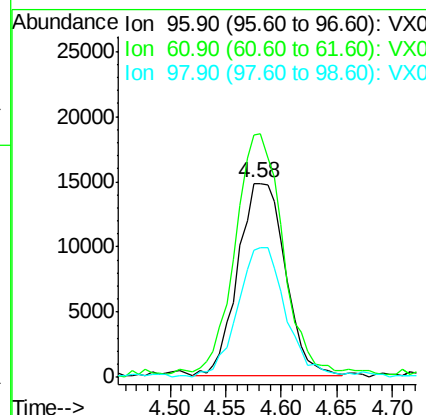
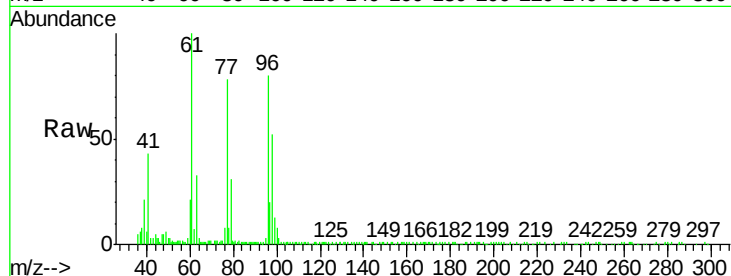
cis-1,2-Dichloroethene  
Concen: 6.719 ug/l  
RT: 4.58 min Scan# 605  
Delta R.T. -0.01 min  
Lab File: VX015322.D  
Acq: 18 Mar 2020 13:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 126.2 | 0.0   | 255.8 |
| 98      | 68.8  | 0.0   | 128.8 |

Manual Integrations  
APPROVED

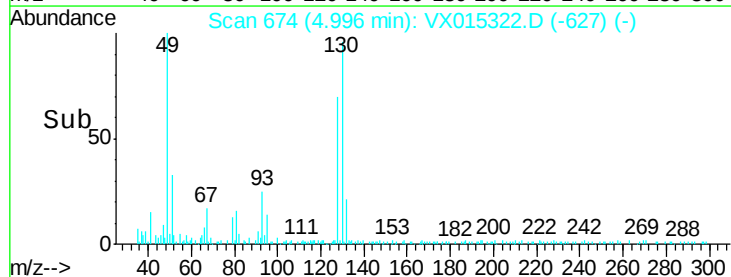
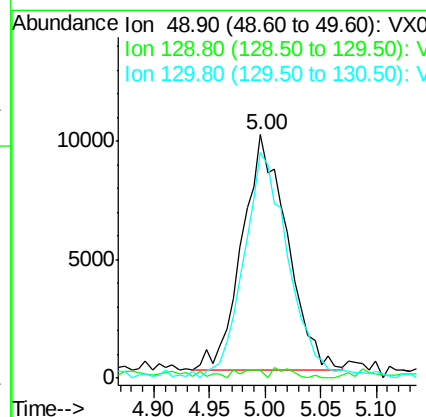
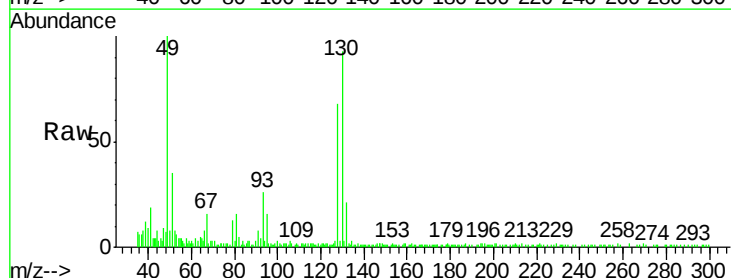
MMDadoda  
3/19/2020 12:00:50 PM

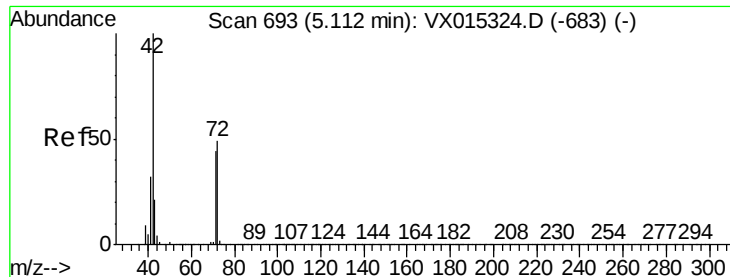


#28

Bromochloromethane  
Concen: 6.055 ug/l  
RT: 5.00 min Scan# 674  
Delta R.T. -0.01 min  
Lab File: VX015322.D  
Acq: 18 Mar 2020 13:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.0   | 0.0   | 5.4   |
| 130     | 93.6  | 69.9  | 104.9 |





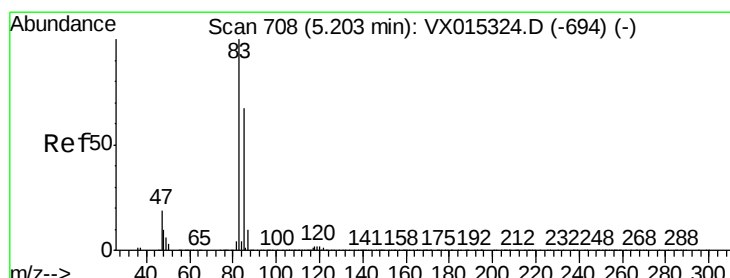
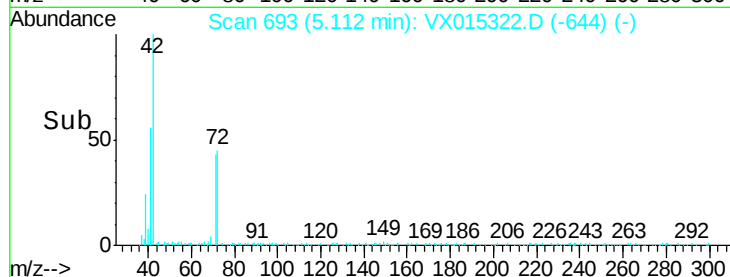
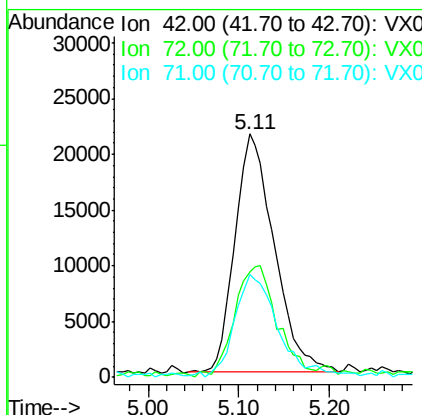
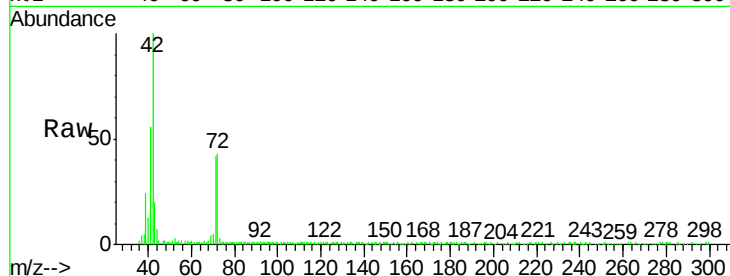
#29  
Tetrahydrofuran  
Concen: 25.789 ug/l  
RT: 5.11 min Scan# 693  
Delta R.T. -0.00 min  
Lab File: VX015322.D  
Acq: 18 Mar 2020 13:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 51.7  | 39.6  | 59.4  |
| 71      | 46.7  | 36.5  | 54.7  |

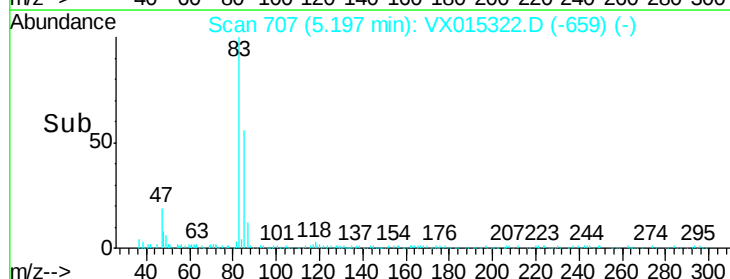
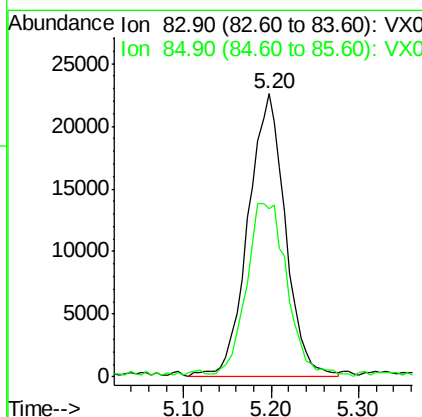
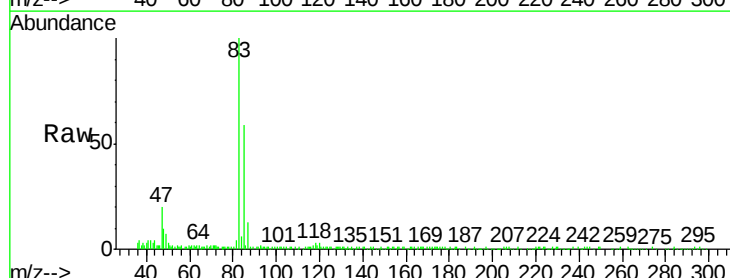
Manual Integrations  
APPROVED

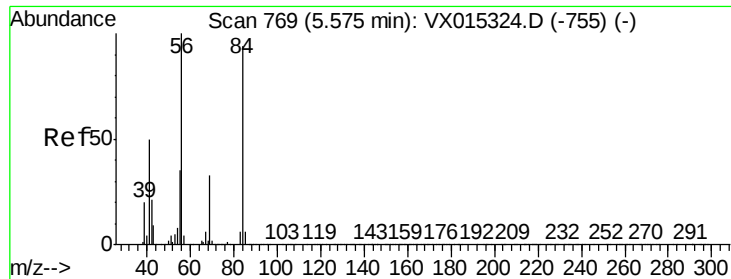
MMDadoda  
3/19/2020 12:00:50 PM



#30  
Chloroform  
Concen: 6.629 ug/l  
RT: 5.20 min Scan# 707  
Delta R.T. -0.01 min  
Lab File: VX015322.D  
Acq: 18 Mar 2020 13:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 58.4  | 53.8  | 80.6  |





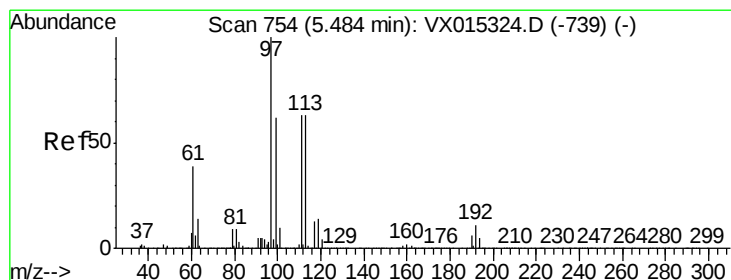
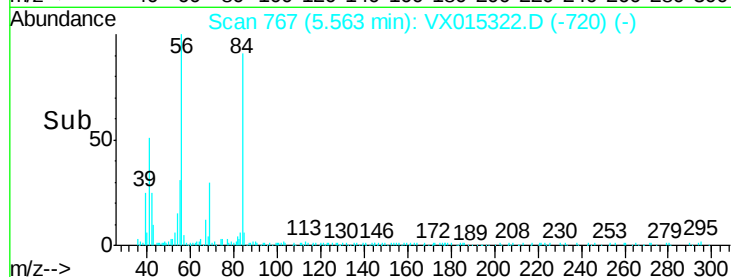
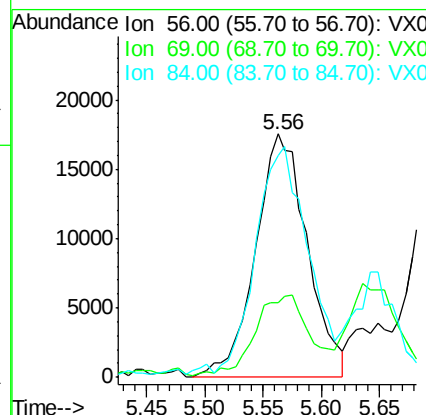
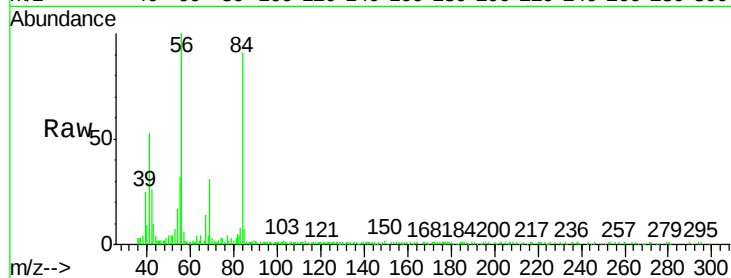
#31  
Cyclohexane  
Concen: 5.871 ug/l  
RT: 5.56 min Scan# 767  
Delta R.T. -0.01 min  
Lab File: VX015322.D  
Acq: 18 Mar 2020 13:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 30.3  | 26.2  | 39.4  |
| 84      | 90.2  | 75.2  | 112.8 |

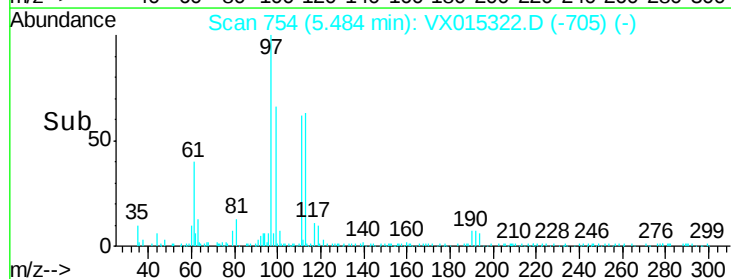
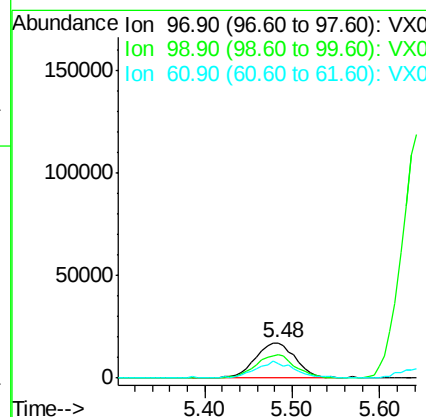
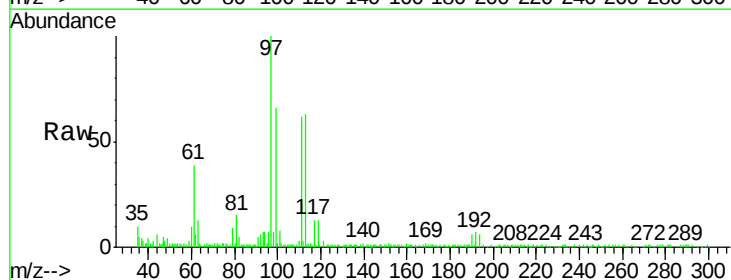
Manual Integrations  
APPROVED

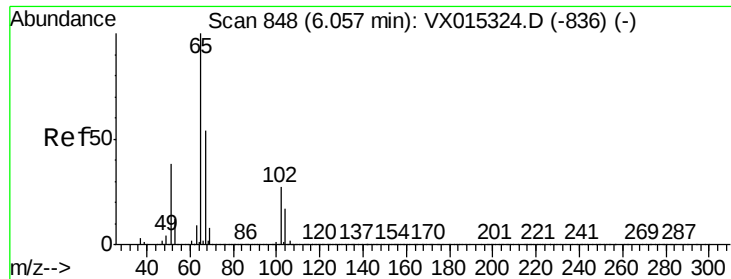
MMDadoda  
3/19/2020 12:00:50 PM



#32  
1,1,1-Trichloroethane  
Concen: 6.455 ug/l  
RT: 5.48 min Scan# 754  
Delta R.T. -0.00 min  
Lab File: VX015322.D  
Acq: 18 Mar 2020 13:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 66.2  | 51.4  | 77.0  |
| 61      | 42.0  | 31.7  | 47.5  |





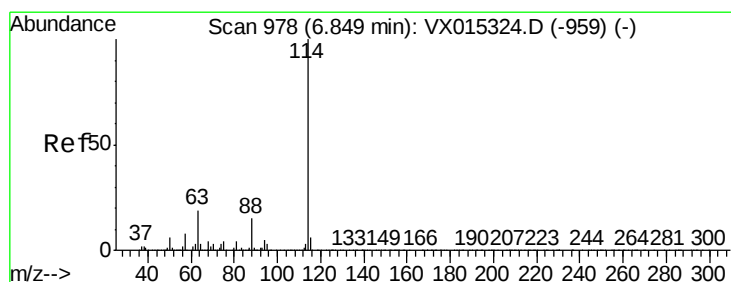
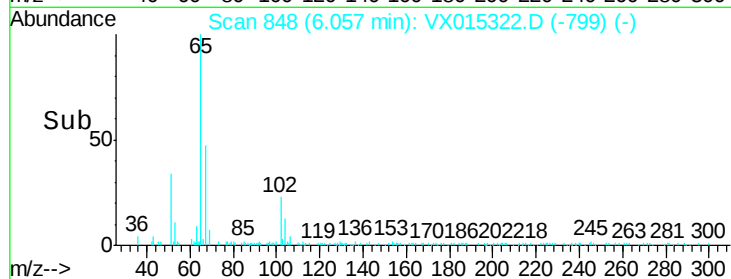
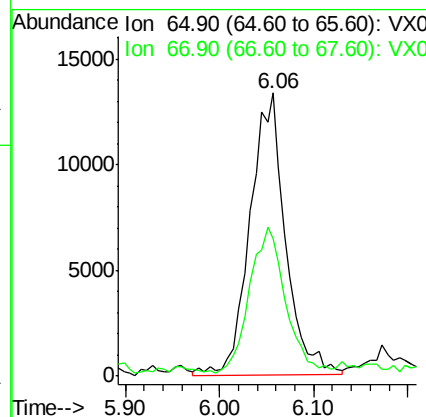
#33  
 1,2-Dichloroethane-d4  
 Concen: 5.471 ug/l  
 RT: 6.06 min Scan# 848  
 Delta R.T. -0.00 min  
 Lab File: VX015322.D  
 Acq: 18 Mar 2020 13:02

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 52.5  | 0.0   | 108.6 |

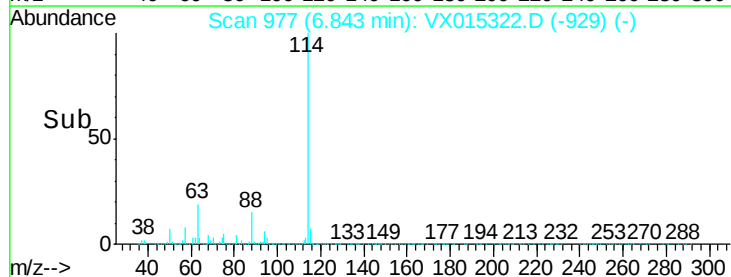
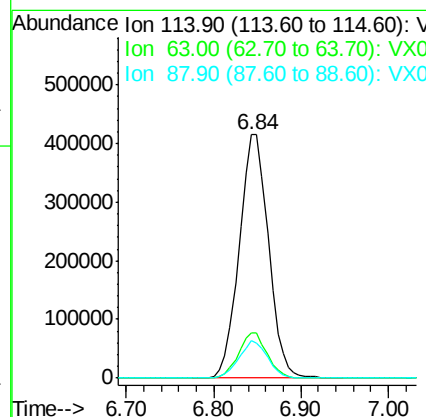
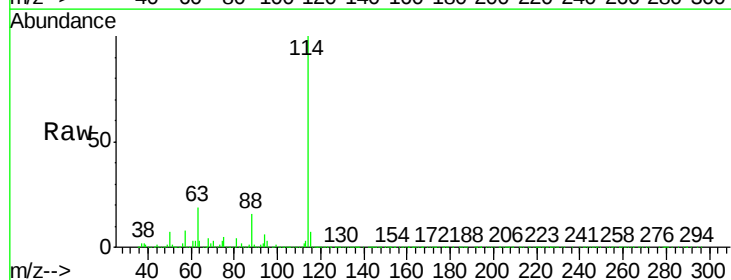
Manual Integrations  
 APPROVED

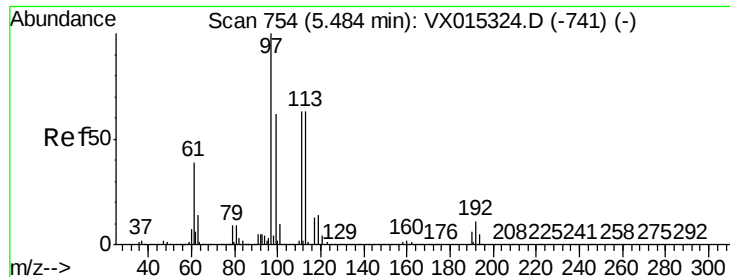
MMDadoda  
 3/19/2020 12:00:50 PM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.84 min Scan# 977  
 Delta R.T. -0.01 min  
 Lab File: VX015322.D  
 Acq: 18 Mar 2020 13:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 18.6  | 0.0   | 37.4  |
| 88      | 15.5  | 0.0   | 30.0  |





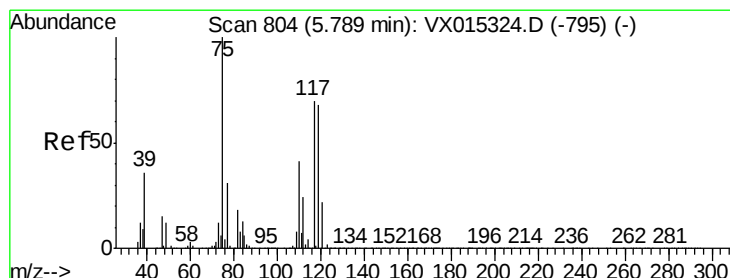
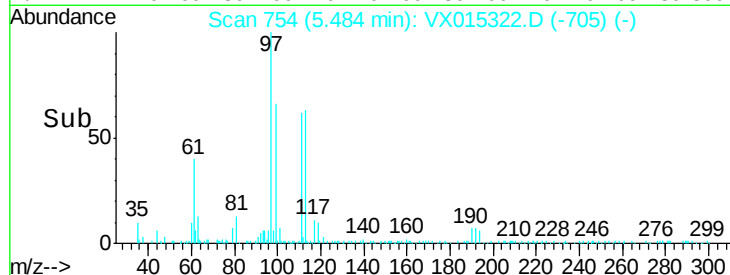
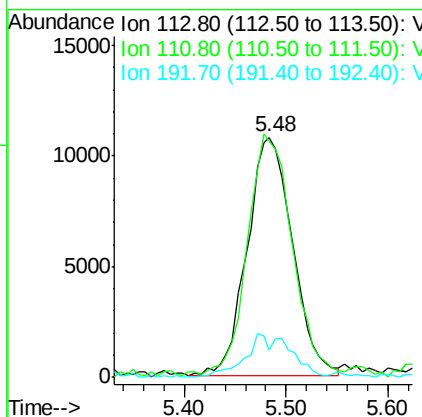
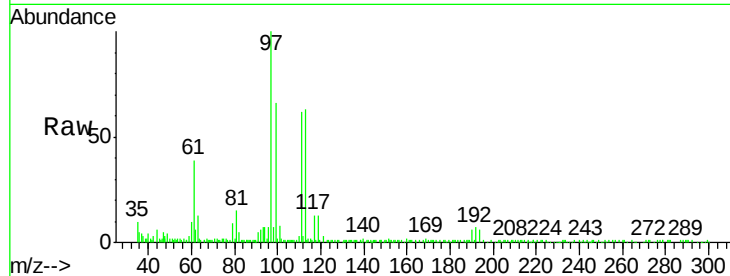
#35  
 Dibromofluoromethane  
 Concen: 5.476 ug/l  
 RT: 5.48 min Scan# 754  
 Delta R.T. -0.00 min  
 Lab File: VX015322.D  
 Acq: 18 Mar 2020 13:02

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 99.5  | 82.5  | 123.7 |
| 192     | 9.9   | 14.2  | 21.2# |

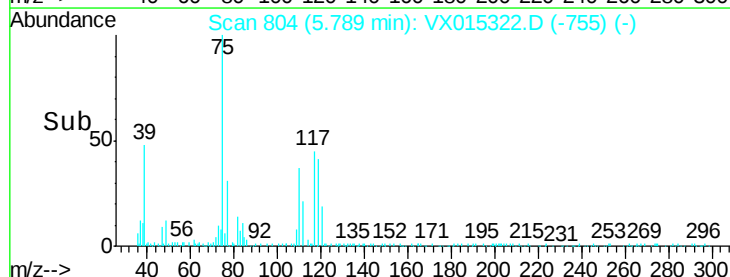
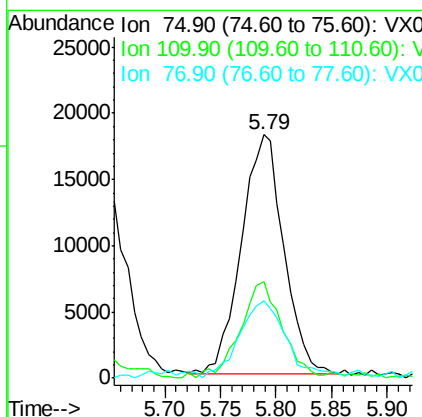
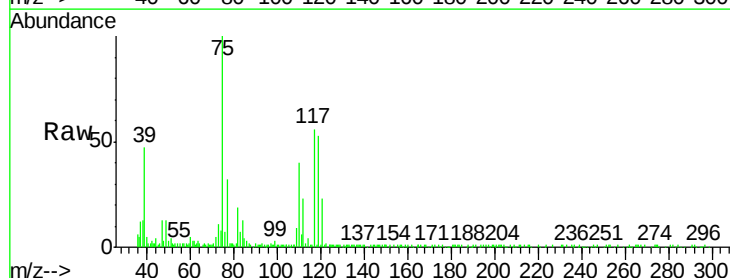
Manual Integrations  
 APPROVED

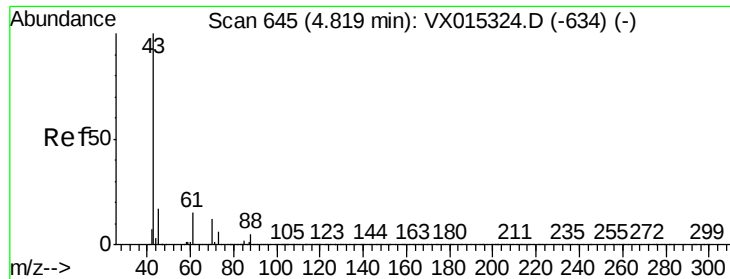
MMDadoda  
 3/19/2020 12:00:50 PM



#36  
 1,1-Dichloropropene  
 Concen: 5.318 ug/l  
 RT: 5.79 min Scan# 804  
 Delta R.T. -0.00 min  
 Lab File: VX015322.D  
 Acq: 18 Mar 2020 13:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 40.3  | 19.4  | 58.4  |
| 77      | 36.1  | 24.6  | 37.0  |





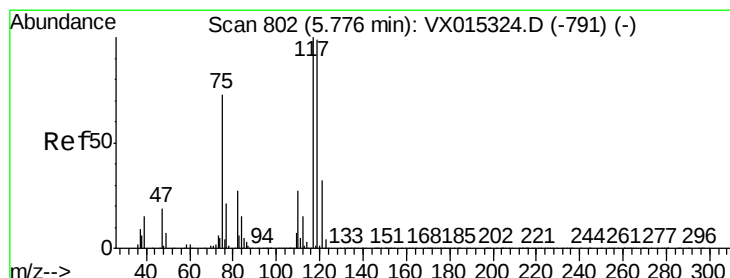
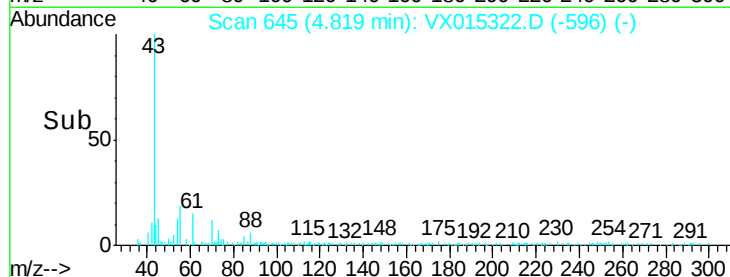
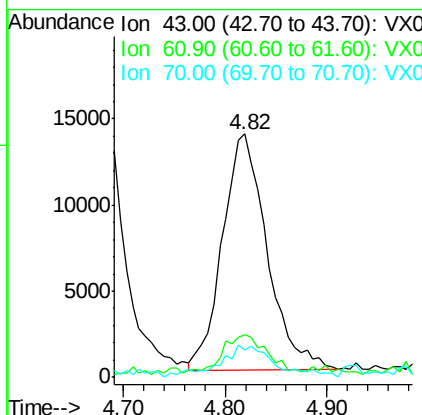
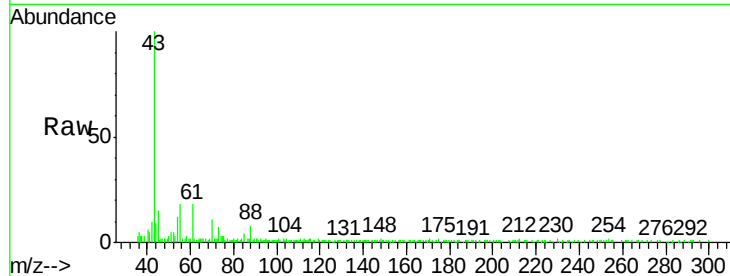
#37  
Ethyl Acetate  
Concen: 5.071 ug/l  
RT: 4.82 min Scan# 645  
Delta R.T. -0.00 min  
Lab File: VX015322.D  
Acq: 18 Mar 2020 13:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 16.4  | 12.2  | 18.2  |
| 70      | 15.8  | 9.8   | 14.6  |

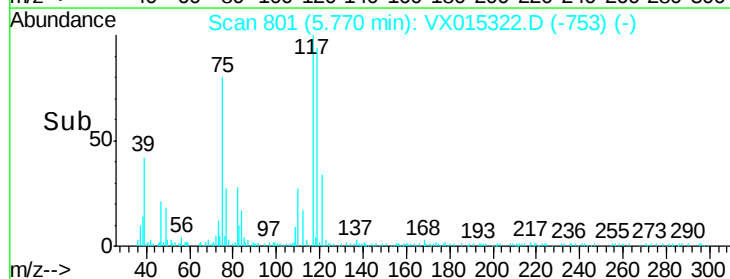
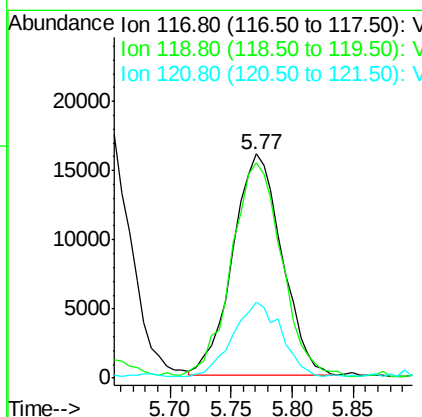
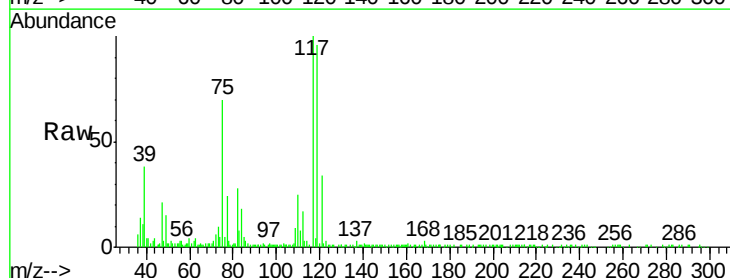
Manual Integrations  
APPROVED

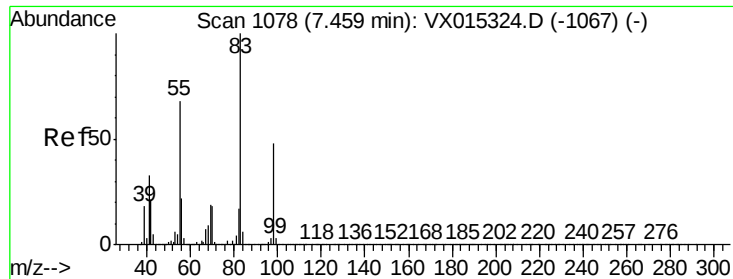
MMDadoda  
3/19/2020 12:00:50 PM



#38  
Carbon Tetrachloride  
Concen: 5.267 ug/l  
RT: 5.77 min Scan# 801  
Delta R.T. -0.01 min  
Lab File: VX015322.D  
Acq: 18 Mar 2020 13:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.4  | 79.3  | 118.9 |
| 121     | 33.4  | 25.4  | 38.0  |





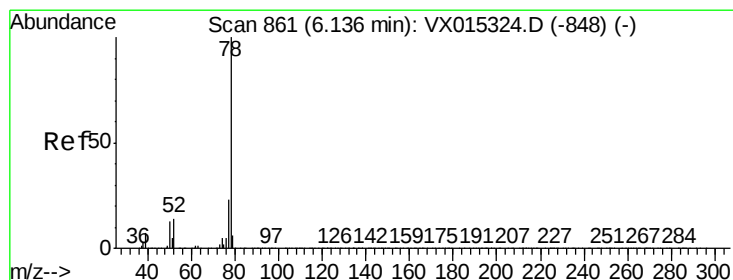
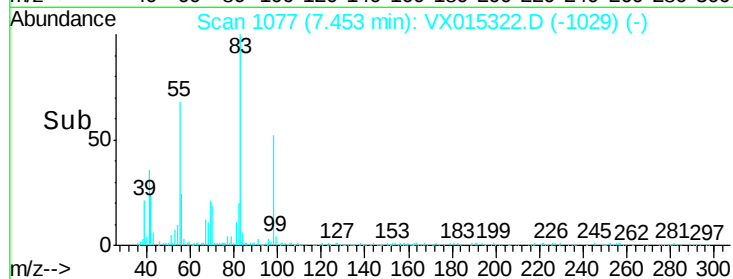
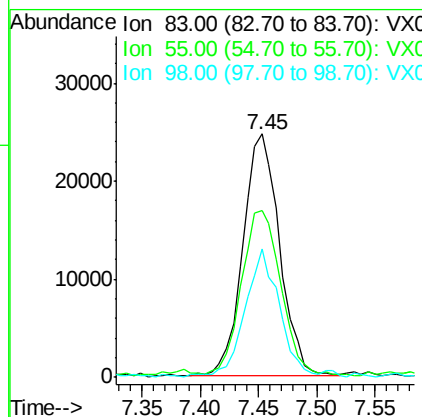
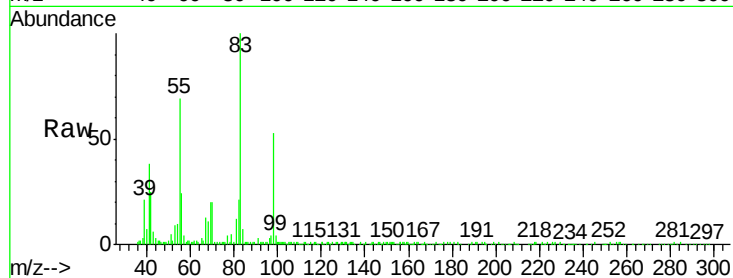
#39  
Methvlcvclohexane  
Concen: 5.086 ug/l  
RT: 7.45 min Scan# 1077  
Delta R.T. -0.01 min  
Lab File: VX015322.D  
Acq: 18 Mar 2020 13:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 53540 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 67.9  | 54.8  | 82.2  |
| 98       | 52.7  | 38.8  | 58.2  |

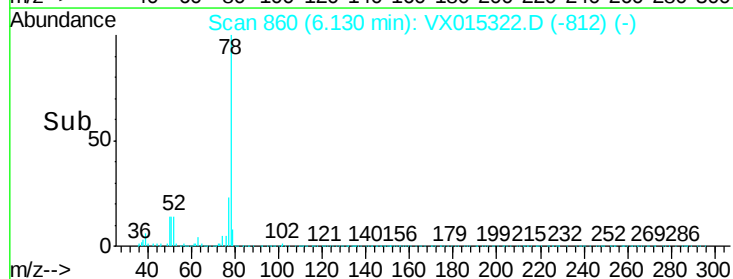
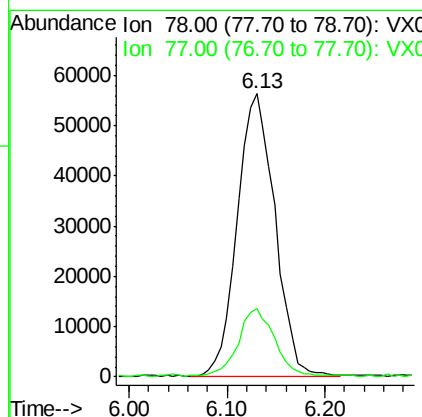
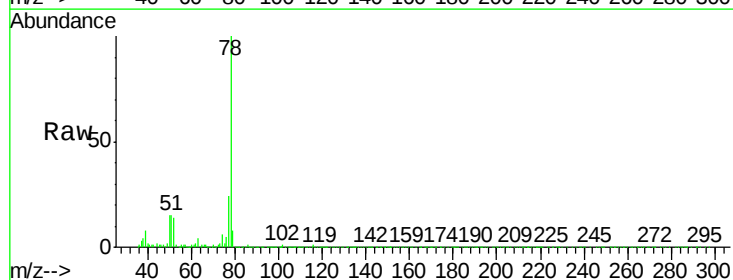
Manual Integrations  
APPROVED

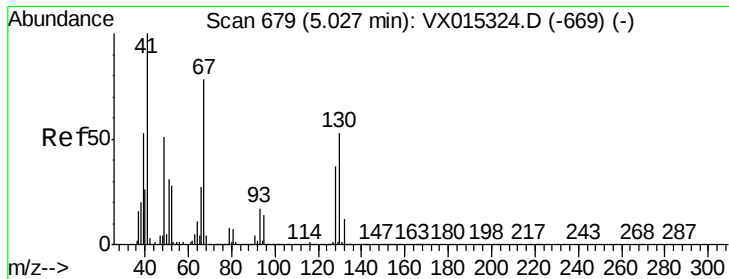
MMDadoda  
3/19/2020 12:00:50 PM



#40  
Benzene  
Concen: 5.598 ug/l  
RT: 6.13 min Scan# 860  
Delta R.T. -0.01 min  
Lab File: VX015322.D  
Acq: 18 Mar 2020 13:02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 78    | Resp: | 149571 |
| Ion      | Ratio | Lower | Upper  |
| 78       | 100   |       |        |
| 77       | 23.6  | 18.2  | 27.4   |





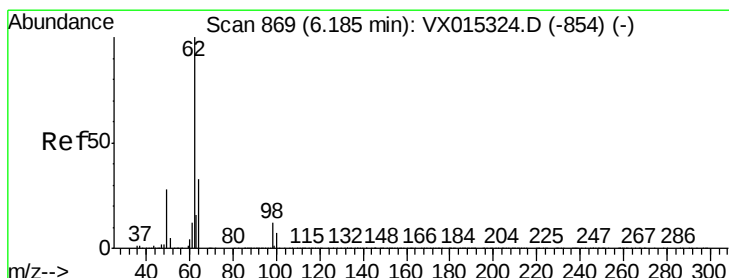
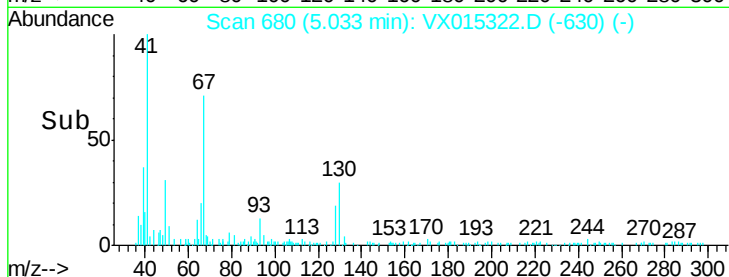
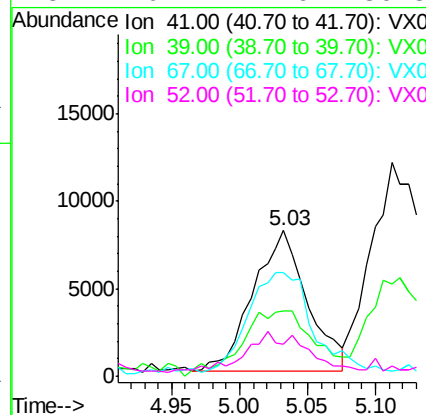
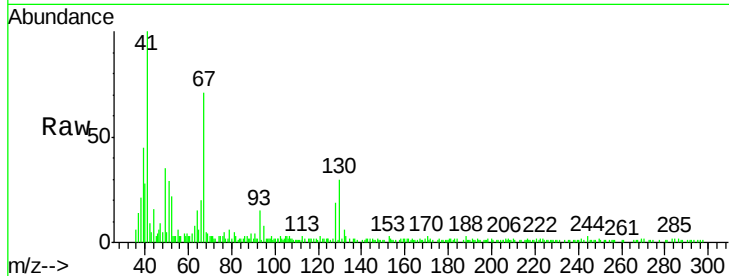
#41  
Methacrylonitrile  
Concen: 4.554 ug/l  
RT: 5.03 min Scan# 680  
Delta R.T. 0.01 min  
Lab File: VX015322.D  
Acq: 18 Mar 2020 13:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 41    | Resp: | 22274 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 39        | 64.6  | 43.0  | 64.6# |
| 67        | 85.6  | 66.0  | 99.0  |
| 52        | 20.4  | 24.6  | 36.8# |

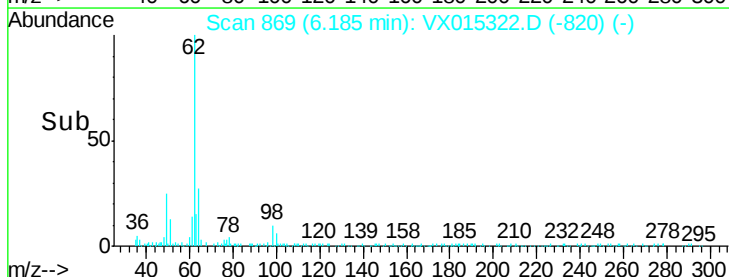
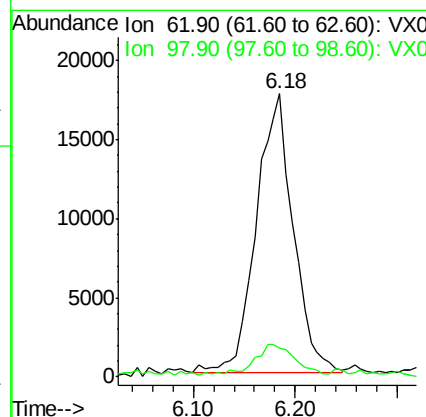
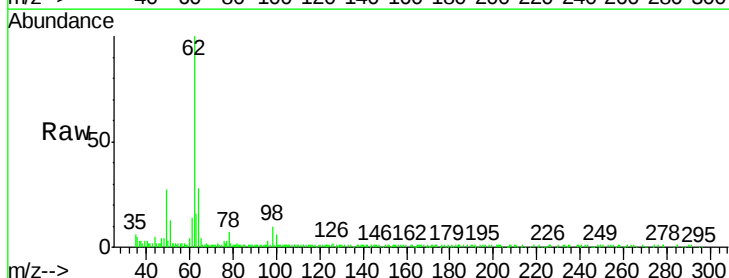
Manual Integrations  
APPROVED

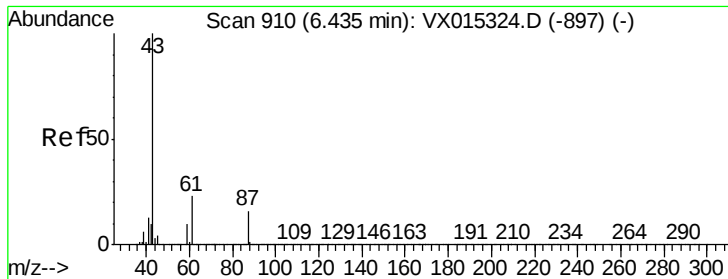
MMDadoda  
3/19/2020 12:00:50 PM



#42  
1,2-Dichloroethane  
Concen: 4.953 ug/l  
RT: 6.18 min Scan# 869  
Delta R.T. -0.00 min  
Lab File: VX015322.D  
Acq: 18 Mar 2020 13:02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 62    | Resp: | 44431 |
| Ion Ratio | Lower | Upper |       |
| 62        | 100   |       |       |
| 98        | 11.1  | 0.0   | 22.6  |





#43

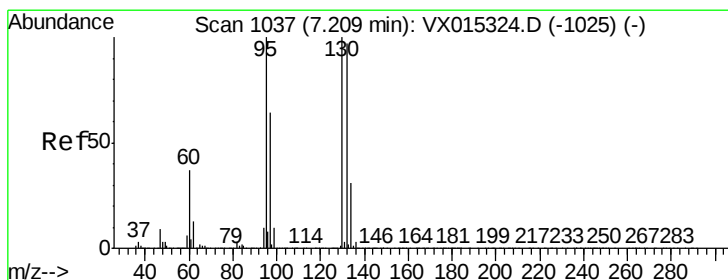
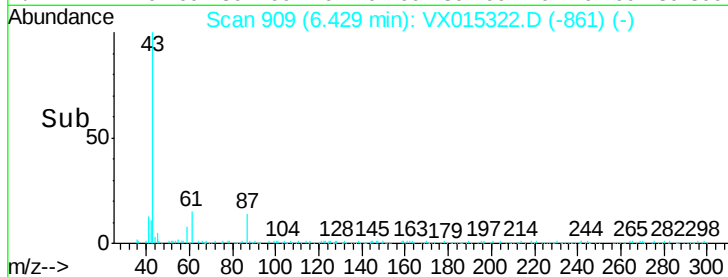
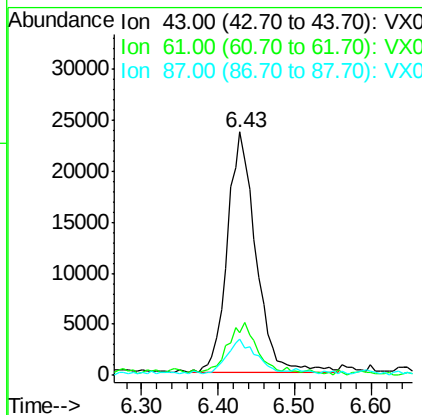
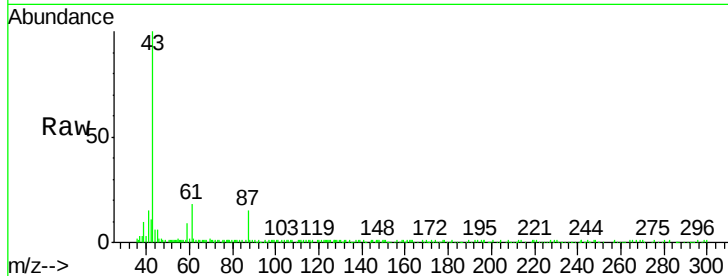
Isopropyl Acetate  
 Concen: 4.276 ug/l  
 RT: 6.43 min Scan# 909  
 Delta R.T. -0.01 min  
 Lab File: VX015322.D  
 Acq: 18 Mar 2020 13:02

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 19.6  | 18.2  | 27.2  |
| 87      | 14.7  | 12.3  | 18.5  |

Manual Integrations  
 APPROVED

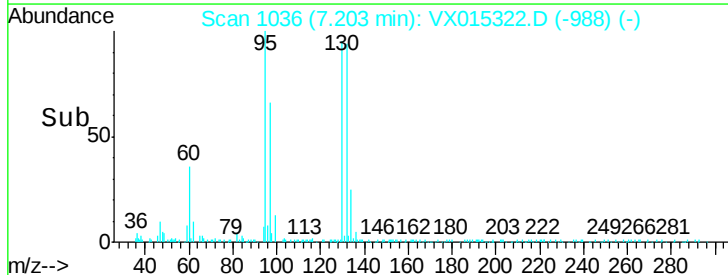
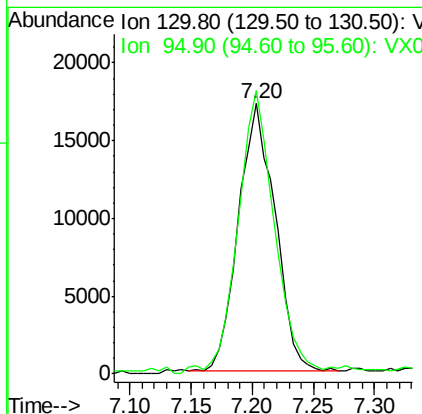
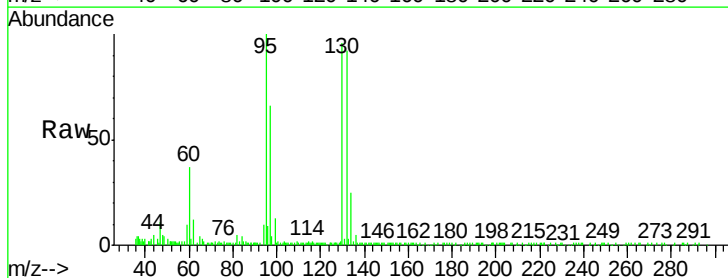
MMDadoda  
 3/19/2020 12:00:50 PM

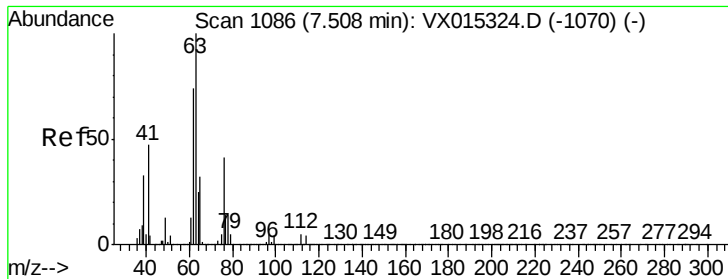


#44

Trichloroethene  
 Concen: 4.876 ug/l  
 RT: 7.20 min Scan# 1036  
 Delta R.T. -0.01 min  
 Lab File: VX015322.D  
 Acq: 18 Mar 2020 13:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 103.7 | 0.0   | 200.4 |





#45

1,2-Dichloropropane

Concen: 4.688 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion: 63 Resp: 32094

Ion Ratio Lower Upper

63 100

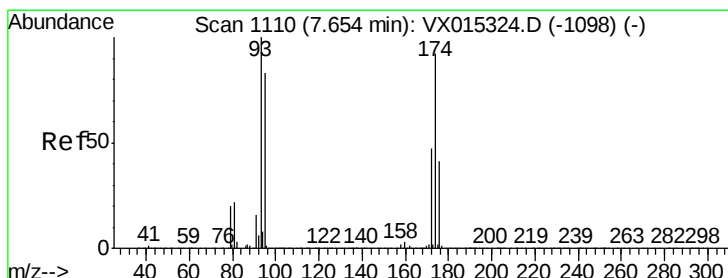
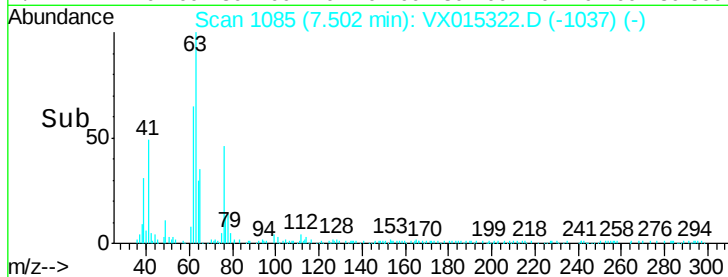
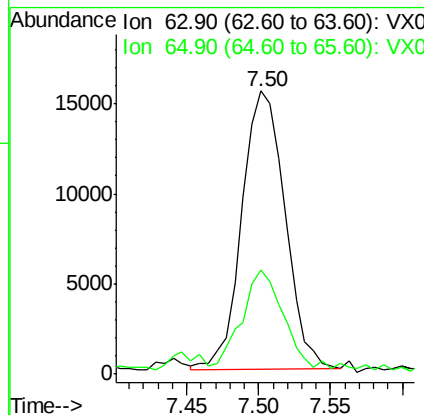
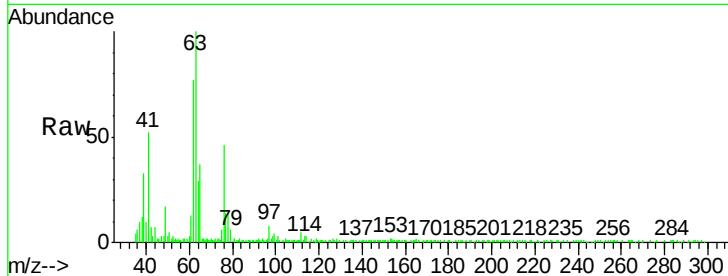
65 33.9 25.1 37.7

Manual Integrations

APPROVED

MMDadoda

3/19/2020 12:00:50 PM



#46

Dibromomethane

Concen: 5.445 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

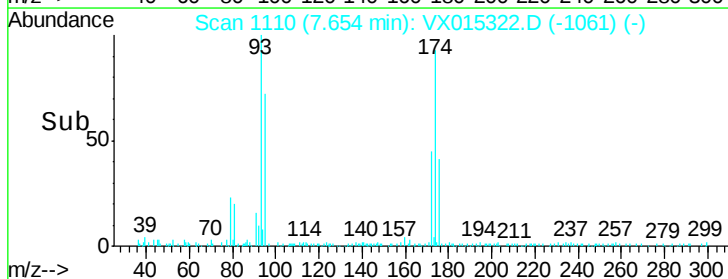
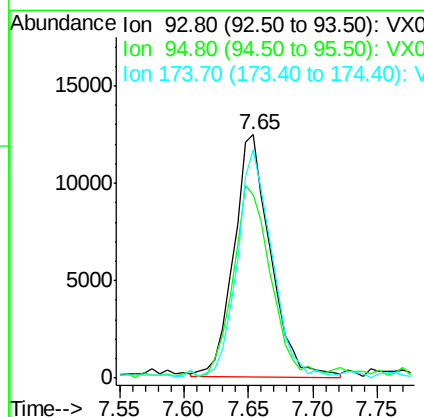
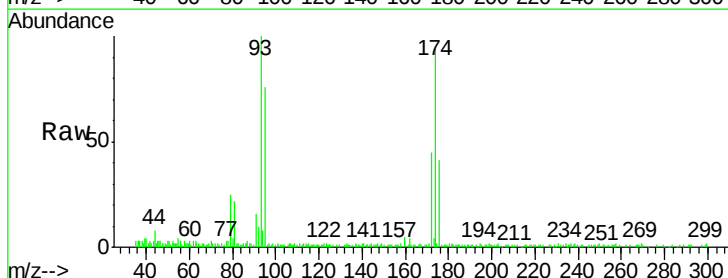
Tgt Ion: 93 Resp: 24491

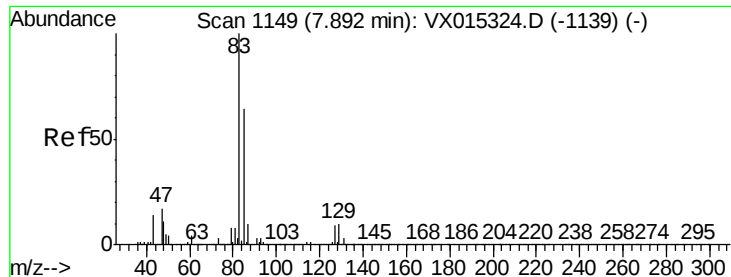
Ion Ratio Lower Upper

93 100

95 80.5 66.3 99.5

174 87.8 74.2 111.2





#47

Bromodichloromethane

Concen: 4.827 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

Instrument :

MSVOA\_X

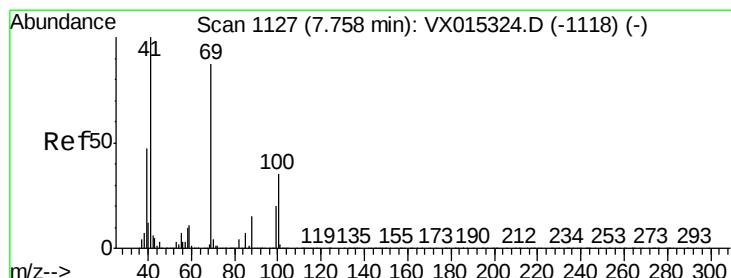
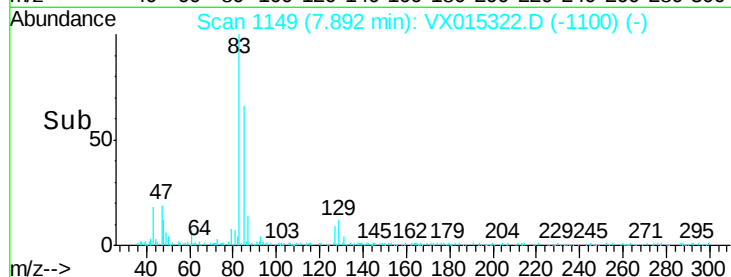
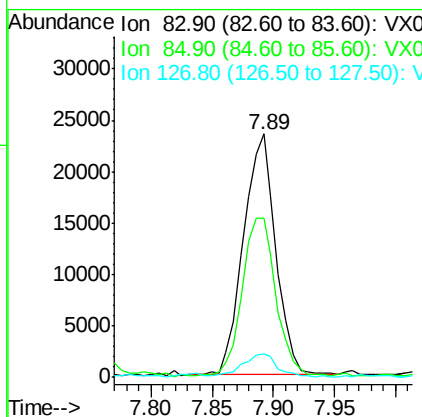
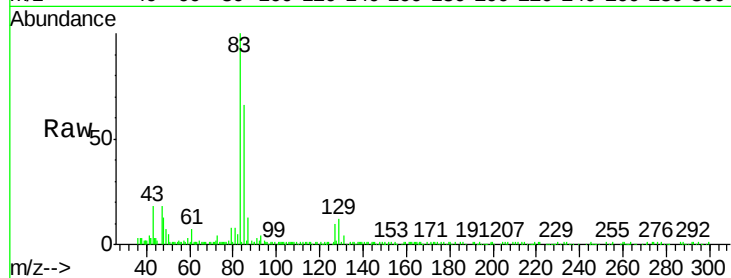
ClientSampleId :

VSTDIC005

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 42727 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 85        | 65.5  | 51.0  | 76.6  |
| 127       | 9.8   | 7.2   | 10.8  |

Manual Integrations  
APPROVED

MMDadoda  
3/19/2020 12:00:50 PM



#48

Methyl methacrylate

Concen: 3.814 ug/l

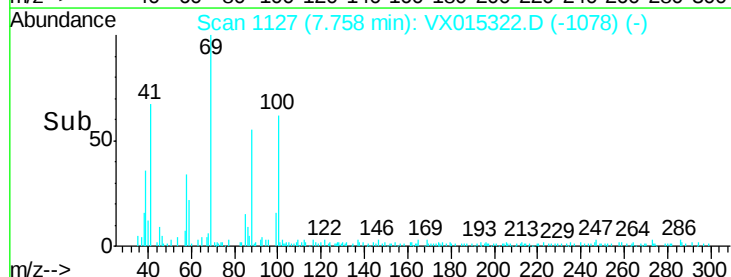
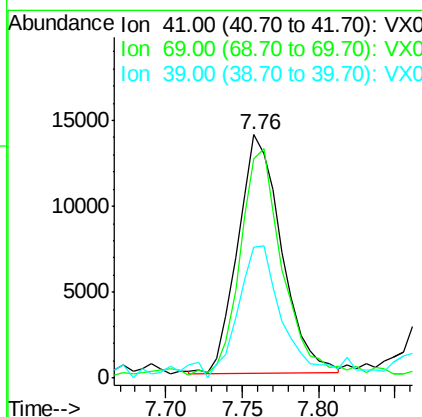
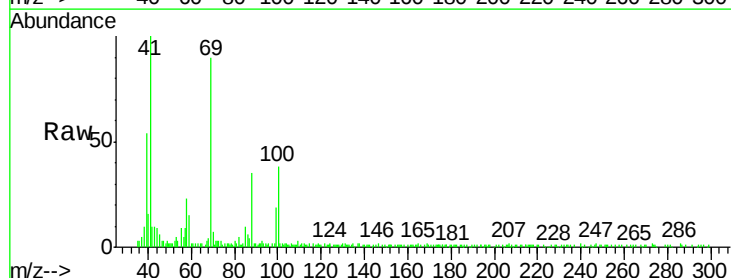
RT: 7.76 min Scan# 1127

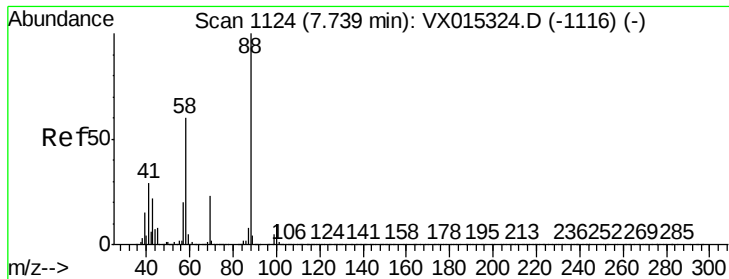
Delta R.T. -0.00 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 27732 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 69        | 91.1  | 74.4  | 111.6 |
| 39        | 55.5  | 39.2  | 58.8  |





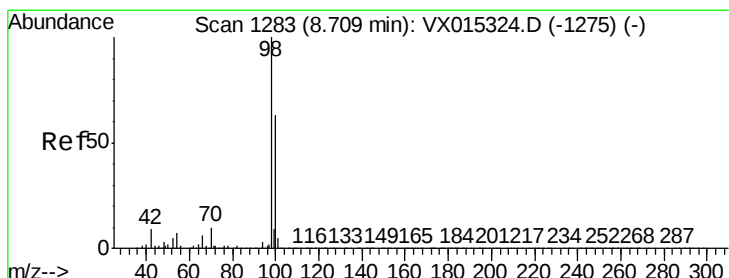
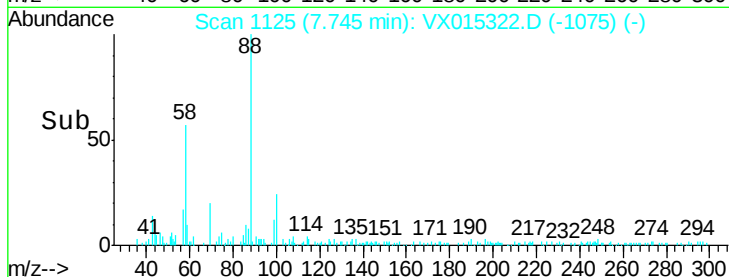
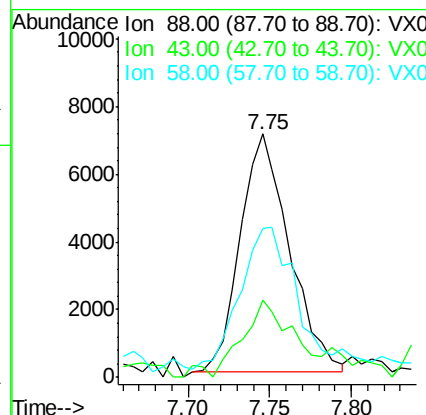
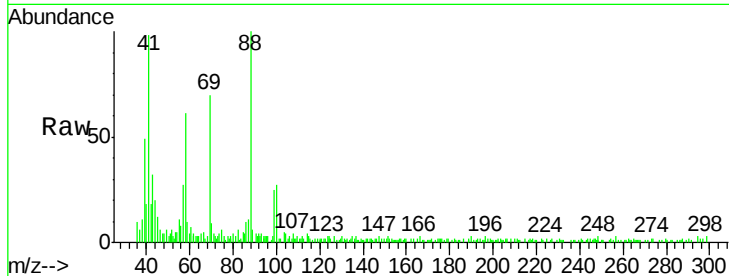
#49  
1,4-Dioxane  
Concen: 90.293 ug/l  
RT: 7.75 min Scan# 1125  
Delta R.T. 0.01 min  
Lab File: VX015322.D  
Acq: 18 Mar 2020 13:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 35.1  | 20.7  | 31.1# |
| 58      | 70.0  | 53.9  | 80.9  |

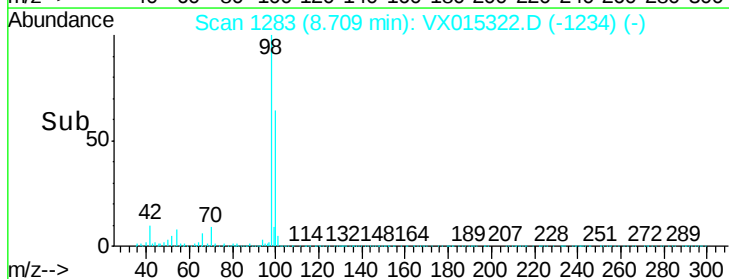
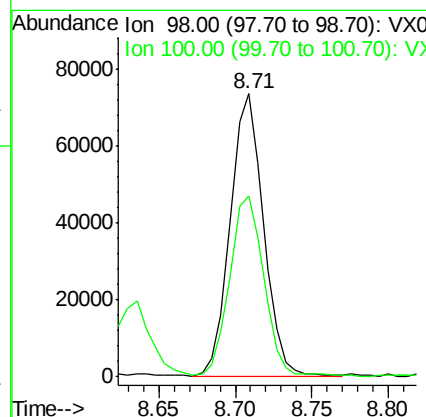
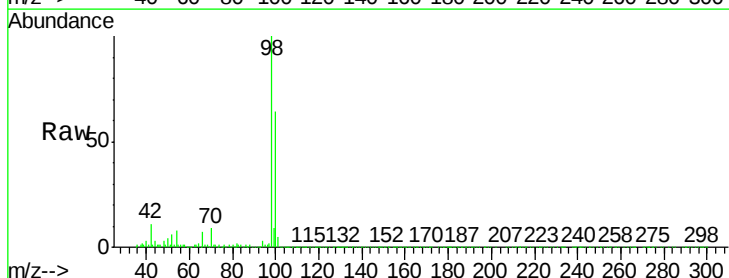
Manual Integrations  
APPROVED

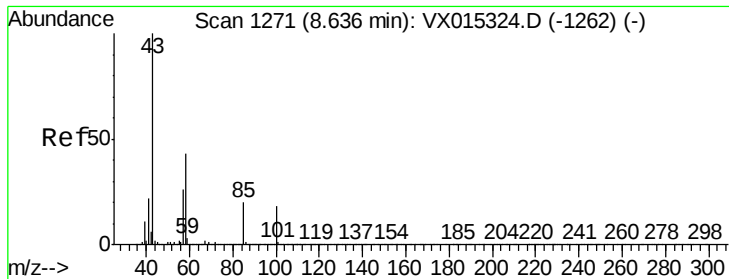
MMDadoda  
3/19/2020 12:00:50 PM



#50  
Toluene-d8  
Concen: 4.755 ug/l  
RT: 8.71 min Scan# 1283  
Delta R.T. -0.00 min  
Lab File: VX015322.D  
Acq: 18 Mar 2020 13:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 65.8  | 53.0  | 79.6  |





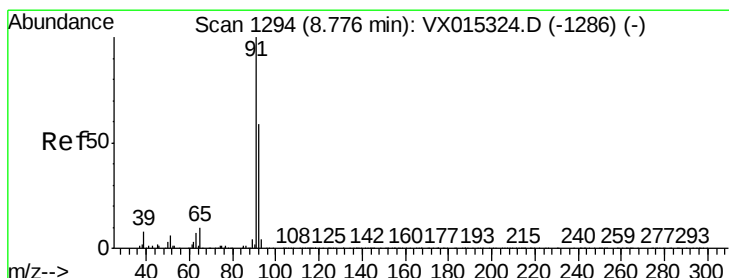
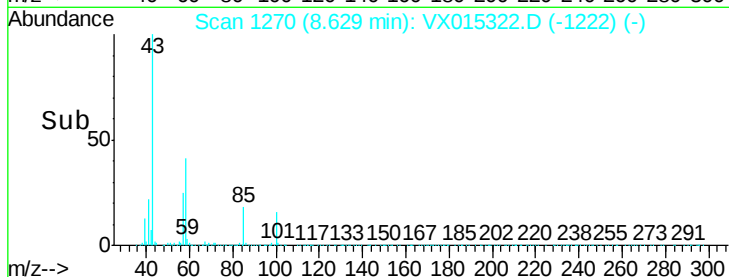
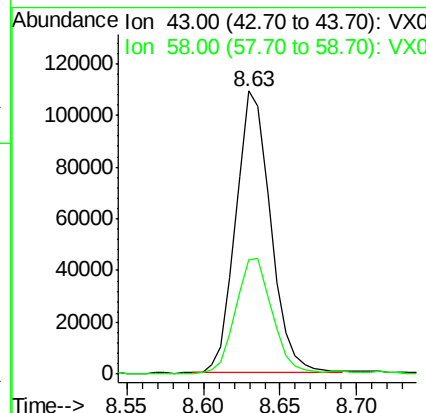
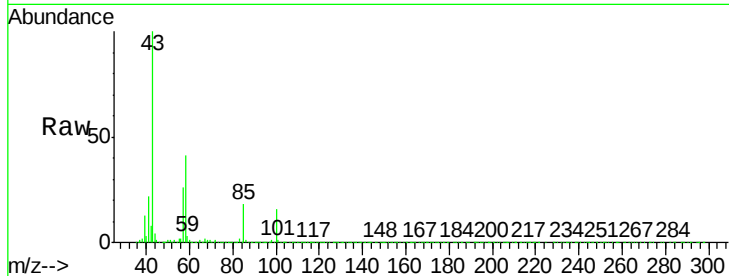
#51  
4-Methyl-2-Pentanone  
Concen: 20.361 ug/l  
RT: 8.63 min Scan# 1270  
Delta R.T. -0.01 min  
Lab File: VX015322.D  
Acq: 18 Mar 2020 13:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 43.4  | 34.6  | 51.8  |

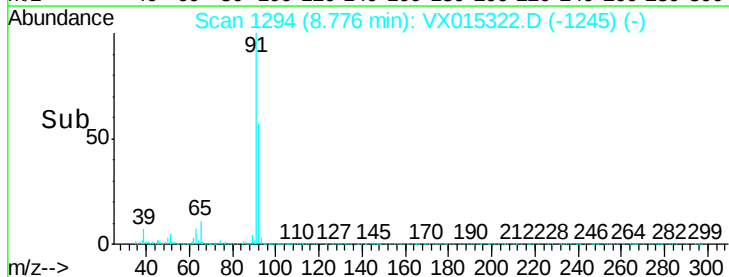
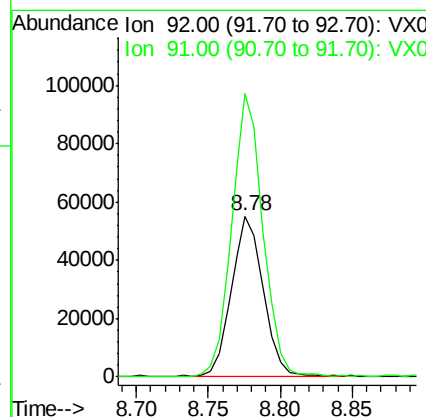
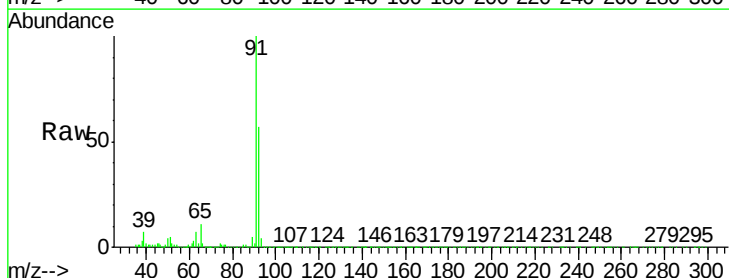
Manual Integrations  
APPROVED

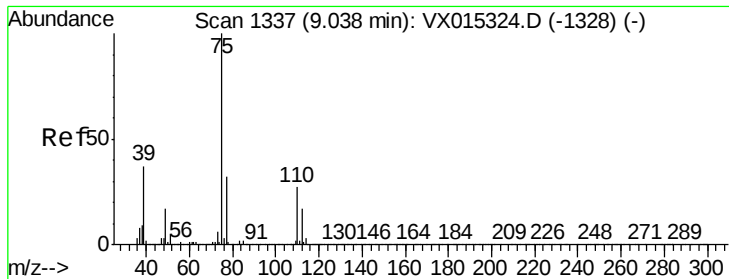
MMDadoda  
3/19/2020 12:00:50 PM



#52  
Toluene  
Concen: 5.169 ug/l  
RT: 8.78 min Scan# 1294  
Delta R.T. -0.00 min  
Lab File: VX015322.D  
Acq: 18 Mar 2020 13:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 92      | 100   |       |       |
| 91      | 175.1 | 136.4 | 204.6 |





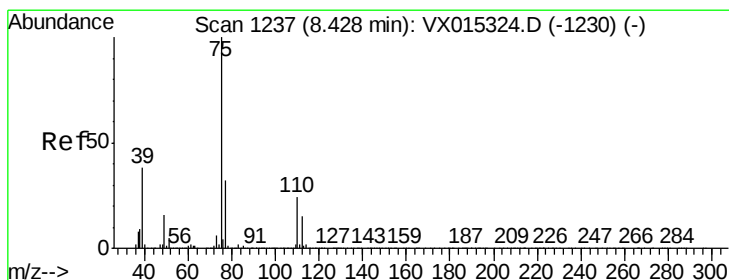
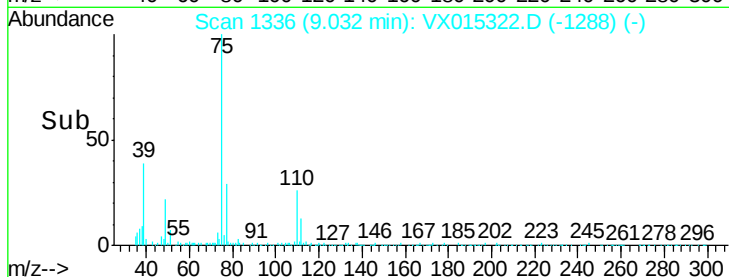
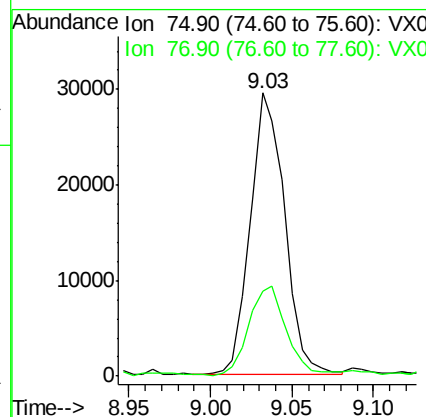
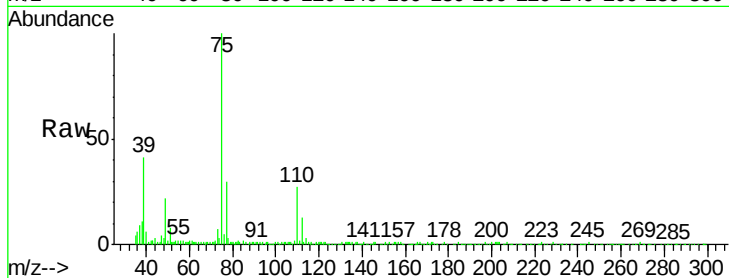
#53  
t-1,3-Dichloropropene  
Concen: 4.626 ug/l  
RT: 9.03 min Scan# 1336  
Delta R.T. -0.01 min  
Lab File: VX015322.D  
Acq: 18 Mar 2020 13:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 29.6  | 25.8  | 38.8  |

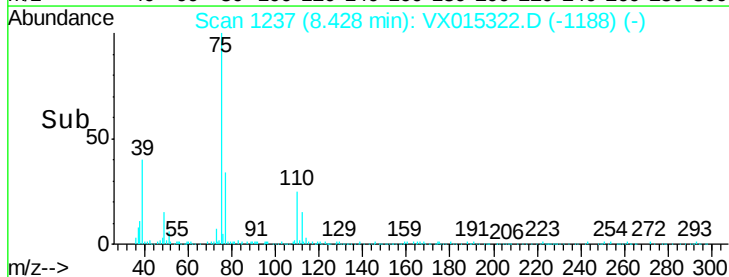
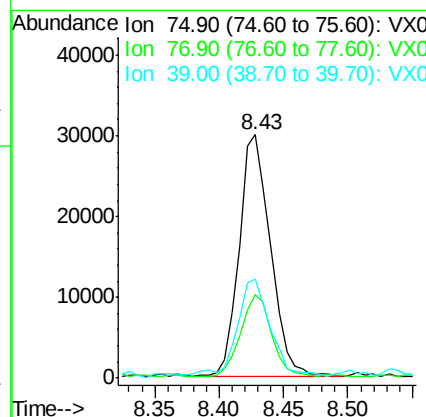
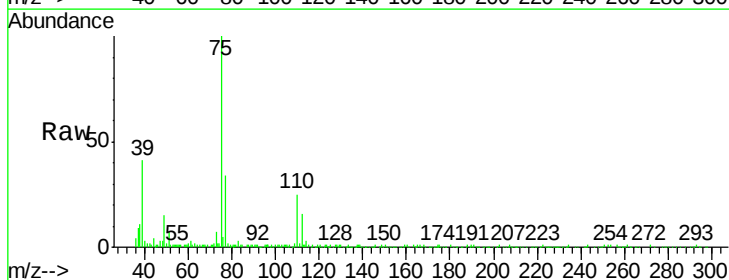
Manual Integrations  
APPROVED

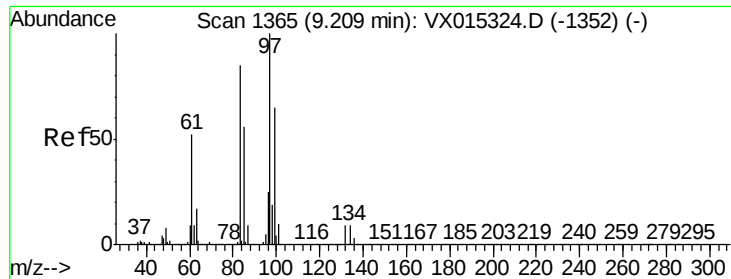
MMDadoda  
3/19/2020 12:00:50 PM



#54  
cis-1,3-Dichloropropene  
Concen: 4.739 ug/l  
RT: 8.43 min Scan# 1237  
Delta R.T. -0.00 min  
Lab File: VX015322.D  
Acq: 18 Mar 2020 13:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 33.7  | 25.7  | 38.5  |
| 39      | 39.5  | 30.2  | 45.2  |





#55

1,1,2-Trichloroethane

Concen: 5.339 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

Instrument :

MSVOA\_X

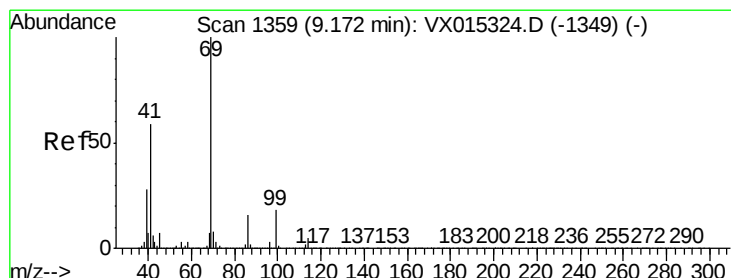
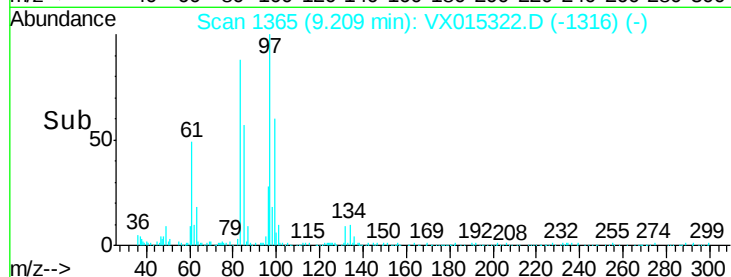
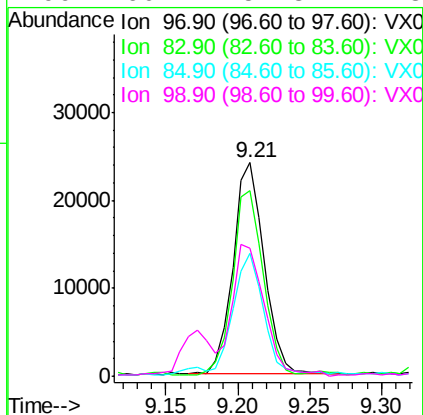
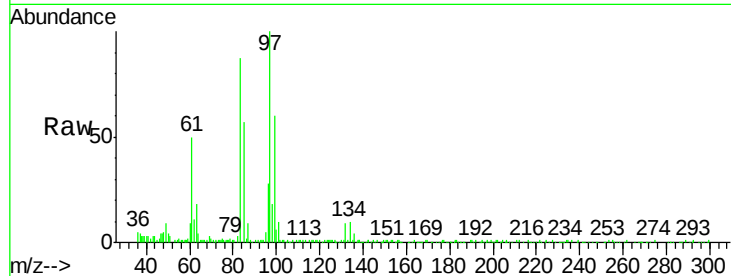
ClientSampleId :

VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 35991 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 87.6  | 67.7  | 101.5 |
| 85       | 56.2  | 44.5  | 66.7  |
| 99       | 60.2  | 51.8  | 77.8  |

Manual Integrations  
APPROVED

MMDadoda  
3/19/2020 12:00:50 PM



#56

Ethyl methacrylate

Concen: 4.410 ug/l

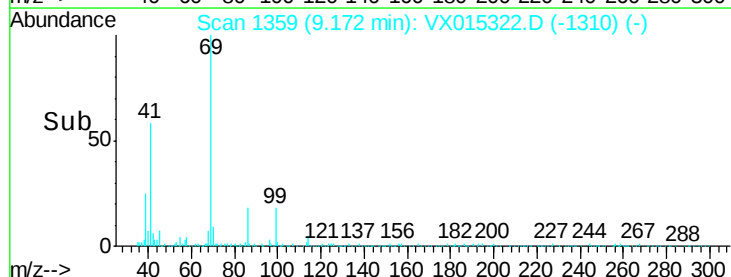
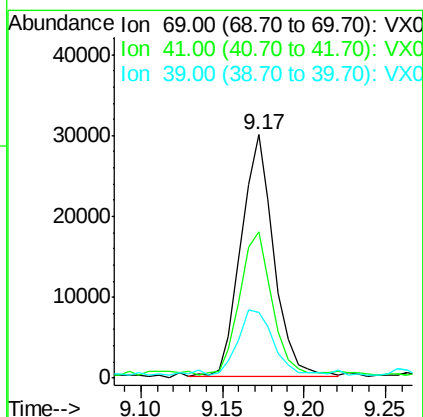
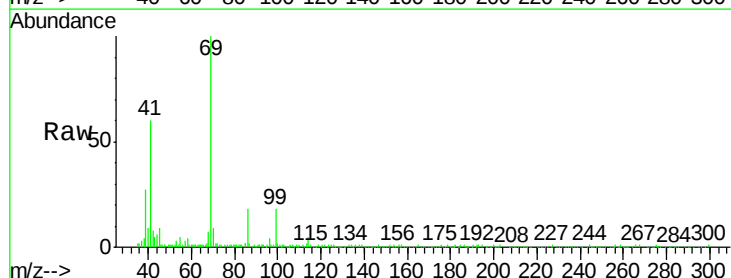
RT: 9.17 min Scan# 1359

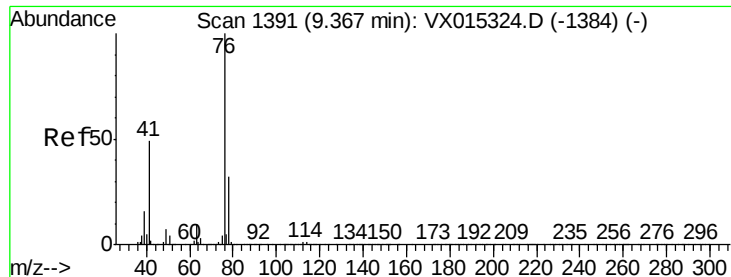
Delta R.T. -0.00 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 41908 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 58.7  | 47.5  | 71.3  |
| 39       | 31.5  | 23.0  | 34.4  |





#57

1,3-Dichloropropane

Concen: 5.422 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion: 76 Resp: 61189

Ion Ratio Lower Upper

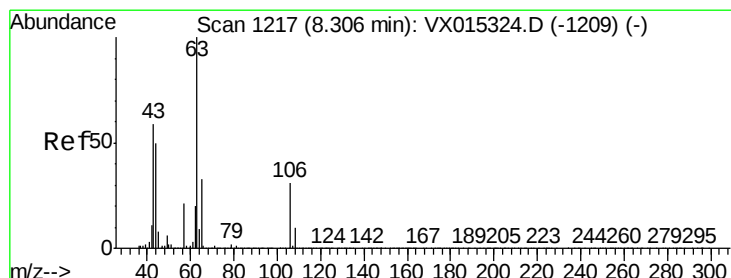
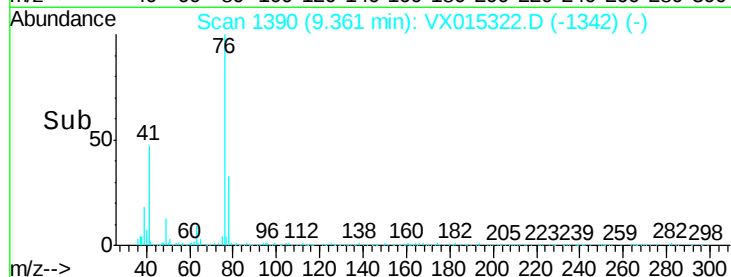
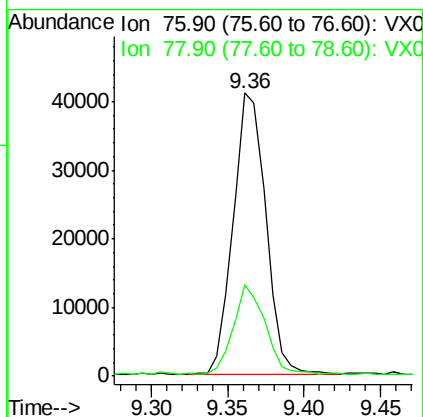
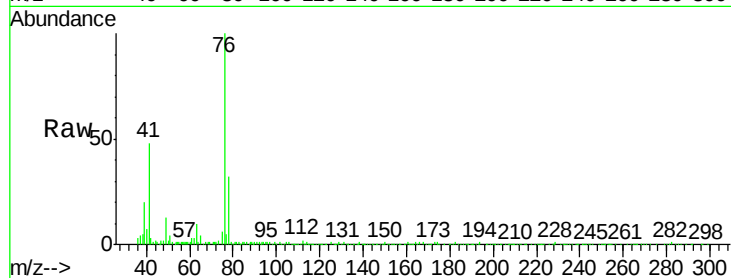
76 100

78 31.7 25.5 38.3

Manual Integrations  
APPROVED

MMDadoda

3/19/2020 12:00:50 PM



#58

2-Chloroethyl Vinyl ether

Concen: 25.753 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX015322.D

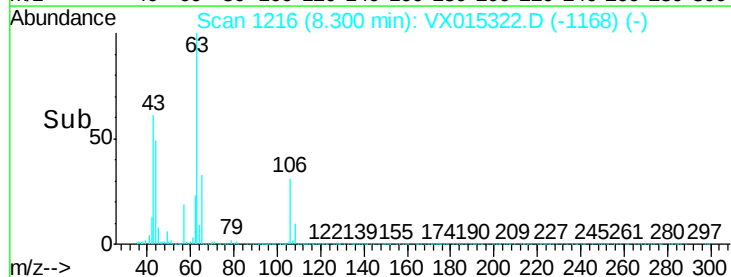
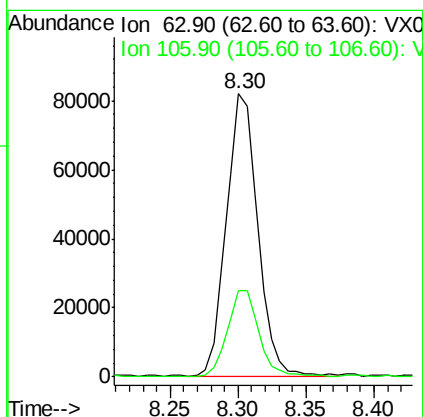
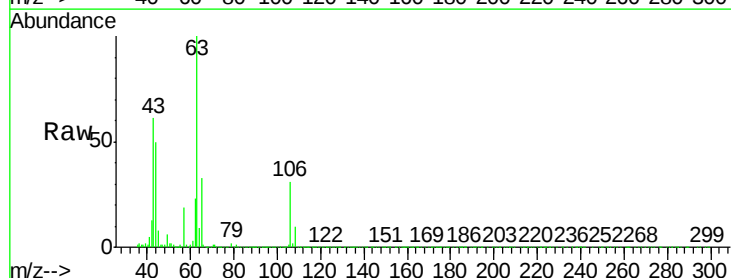
Acq: 18 Mar 2020 13:02

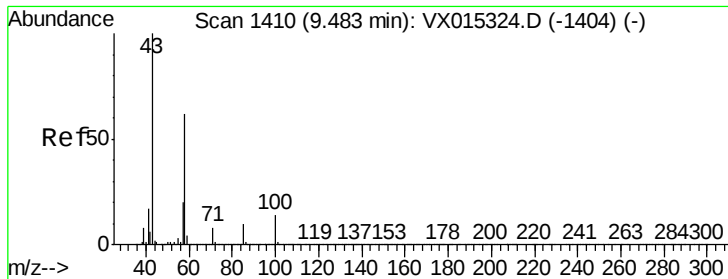
Tgt Ion: 63 Resp: 132993

Ion Ratio Lower Upper

63 100

106 30.0 24.3 36.5





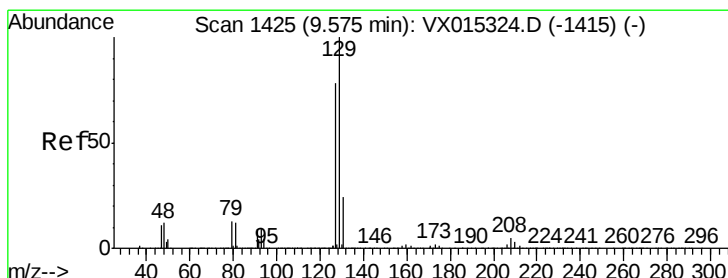
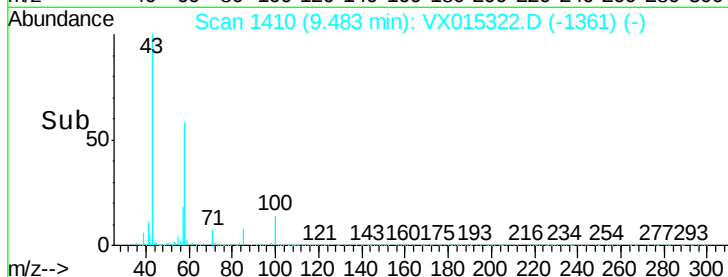
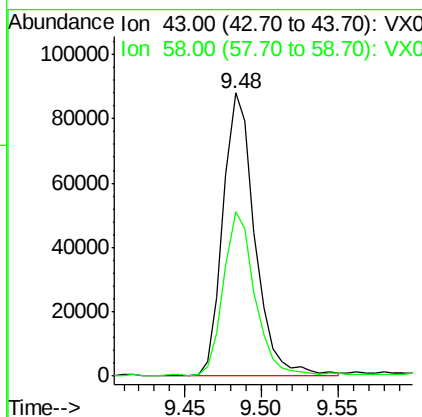
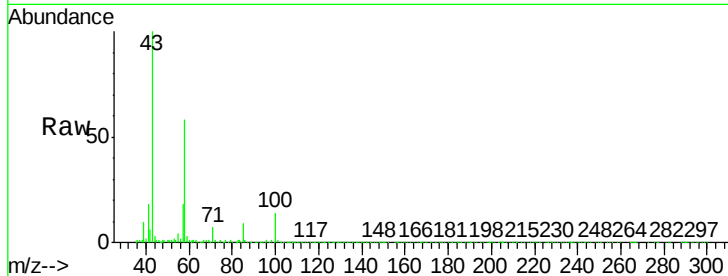
#59  
2-Hexanone  
Concen: 20.346 ug/l  
RT: 9.48 min Scan# 1410  
Delta R.T. -0.00 min  
Lab File: VX015322.D  
Acq: 18 Mar 2020 13:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 56.8  | 30.3  | 90.8  |

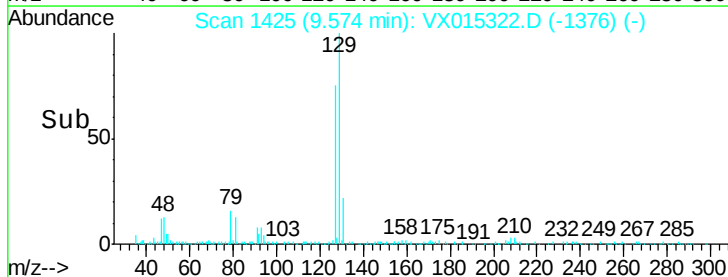
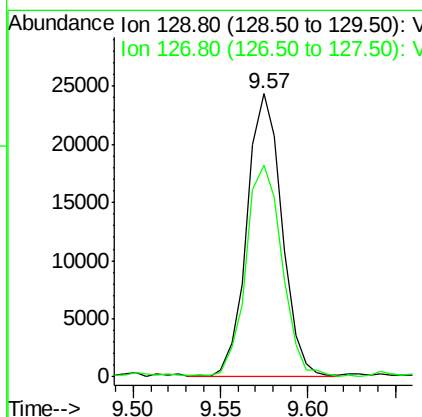
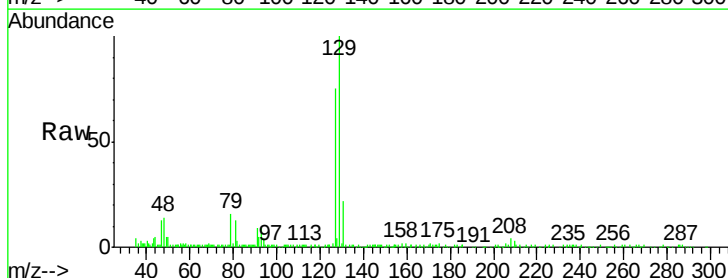
Manual Integrations  
APPROVED

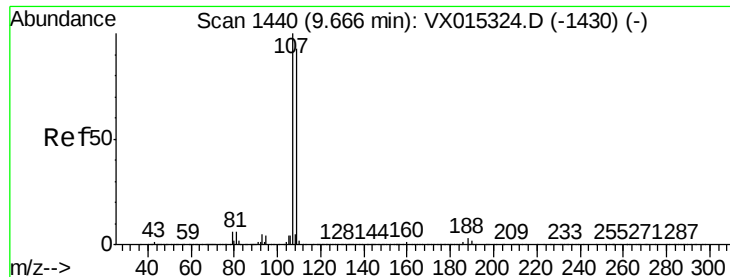
MMDadoda  
3/19/2020 12:00:50 PM



#60  
Dibromochloromethane  
Concen: 4.776 ug/l  
RT: 9.57 min Scan# 1425  
Delta R.T. -0.00 min  
Lab File: VX015322.D  
Acq: 18 Mar 2020 13:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 100   |       |       |
| 127     | 78.6  | 39.3  | 117.9 |





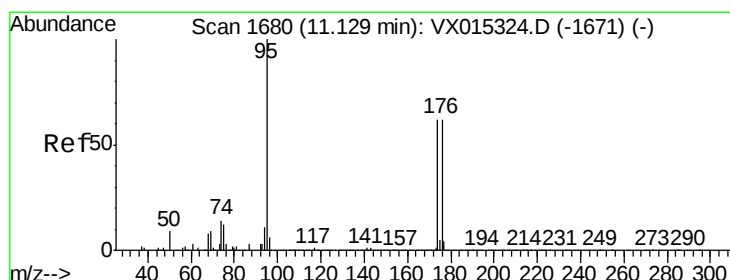
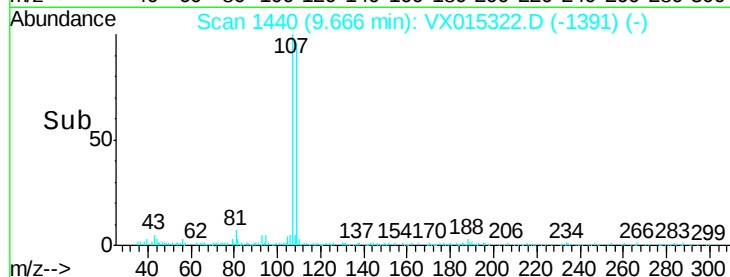
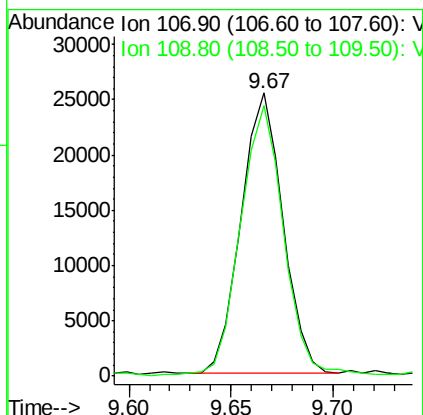
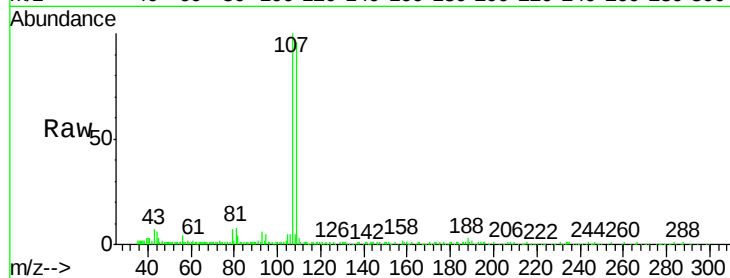
#61  
 1,2-Dibromoethane  
 Concen: 5.079 ug/l  
 RT: 9.67 min Scan# 1440  
 Delta R.T. -0.00 min  
 Lab File: VX015322.D  
 Acq: 18 Mar 2020 13:02

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 101.0 | 75.1  | 112.7 |

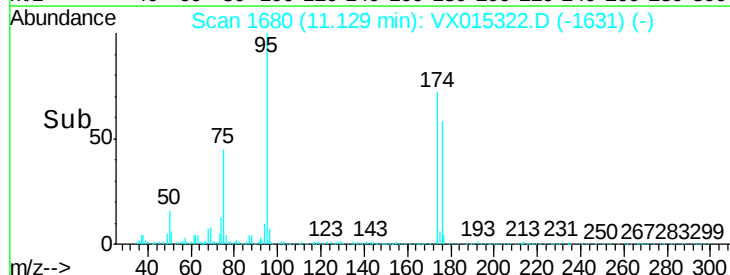
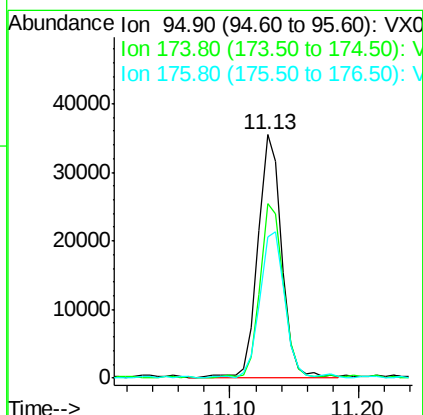
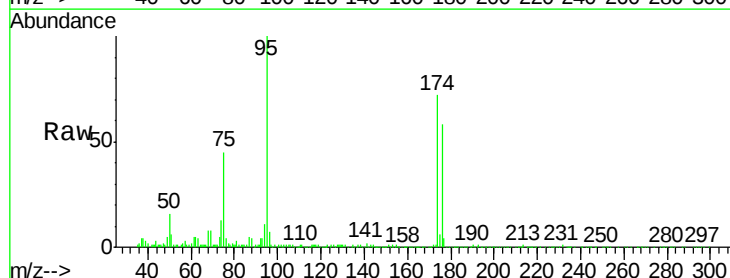
Manual Integrations  
 APPROVED

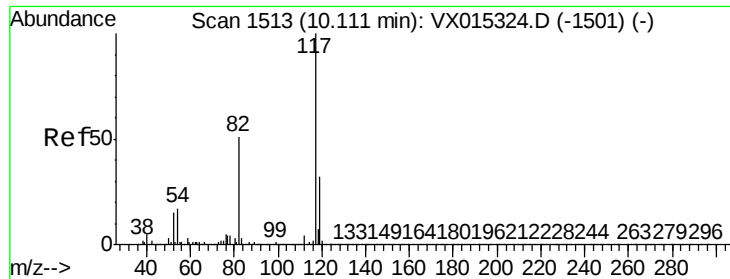
MMDadoda  
 3/19/2020 12:00:50 PM



#62  
 4-Bromofluorobenzene  
 Concen: 5.280 ug/l  
 RT: 11.13 min Scan# 1680  
 Delta R.T. -0.00 min  
 Lab File: VX015322.D  
 Acq: 18 Mar 2020 13:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 71.8  | 0.0   | 145.6 |
| 176     | 64.2  | 0.0   | 141.6 |





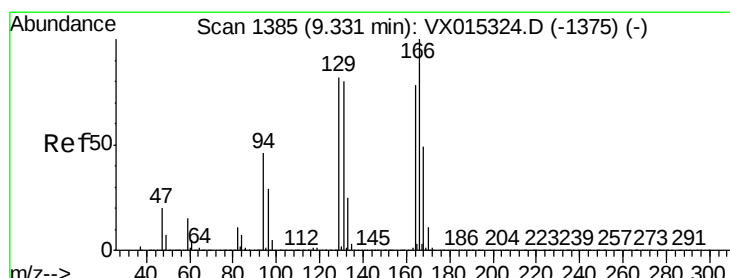
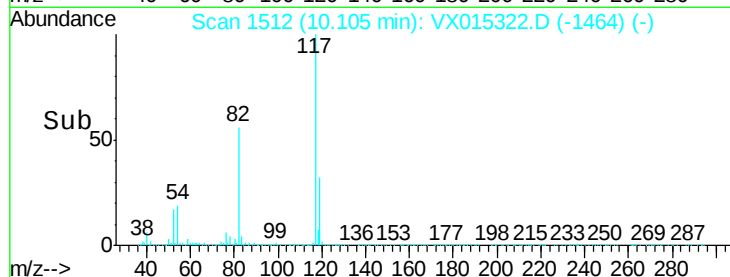
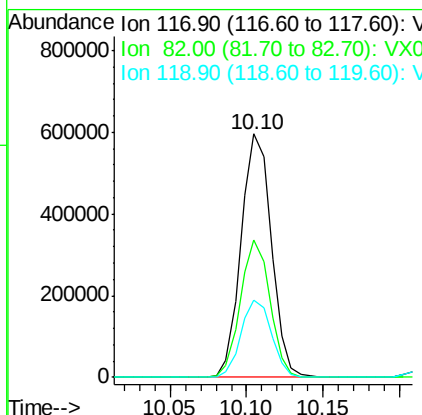
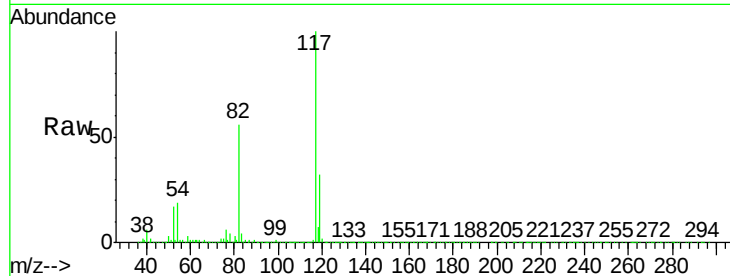
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1512  
Delta R.T. -0.01 min  
Lab File: VX015322.D  
Acq: 18 Mar 2020 13:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 56.2  | 40.6  | 60.8  |
| 119     | 31.7  | 25.4  | 38.2  |

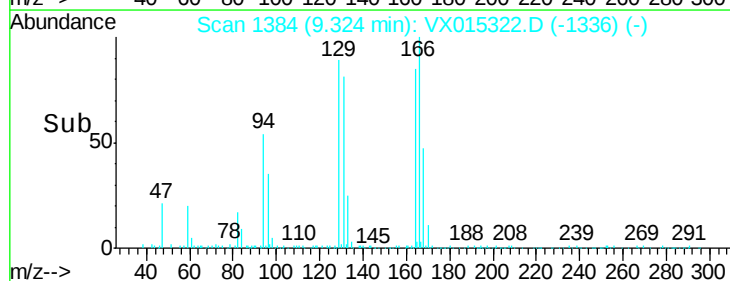
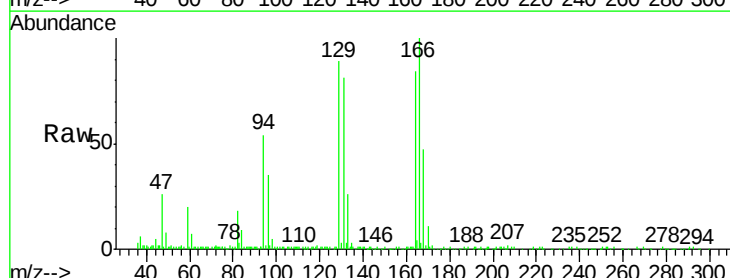
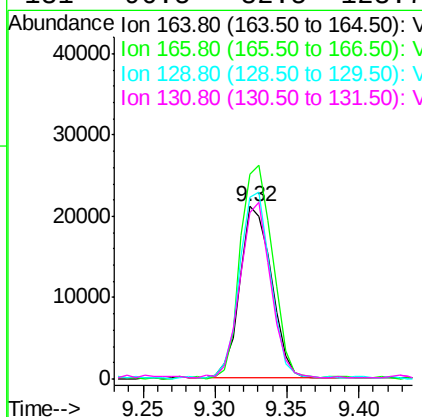
Manual Integrations  
APPROVED

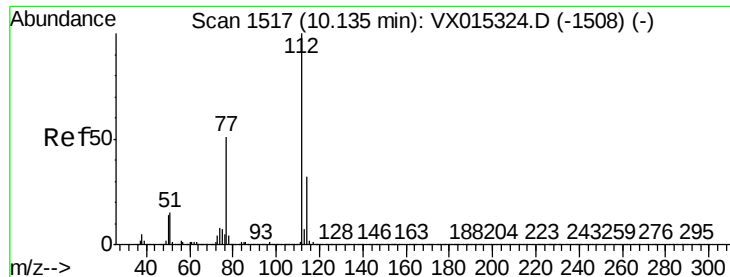
MMDadoda  
3/19/2020 12:00:50 PM



#64  
Tetrachloroethene  
Concen: 4.861 ug/l  
RT: 9.32 min Scan# 1384  
Delta R.T. -0.01 min  
Lab File: VX015322.D  
Acq: 18 Mar 2020 13:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 118.3 | 102.6 | 153.8 |
| 129     | 105.4 | 84.5  | 126.7 |
| 131     | 96.5  | 82.5  | 123.7 |





#65

Chlorobenzene

Concen: 5.573 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion:112 Resp: 92842

Ion Ratio Lower Upper

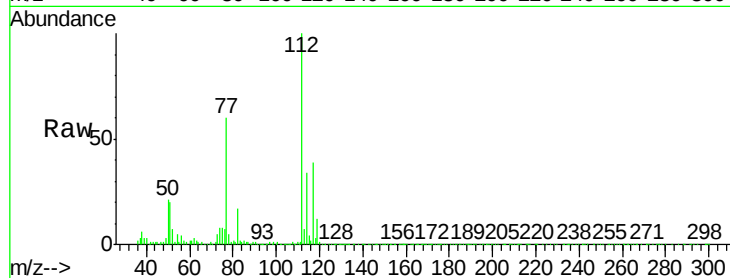
112 100

114 33.9 25.6 38.4

Manual Integrations  
APPROVED

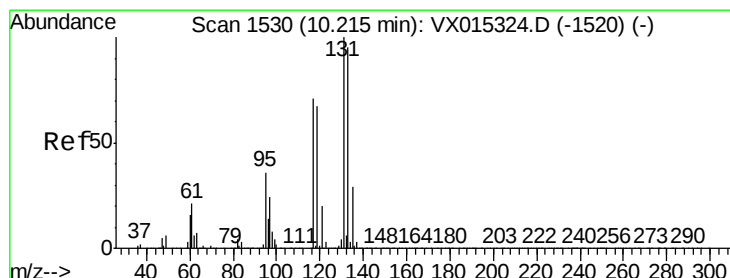
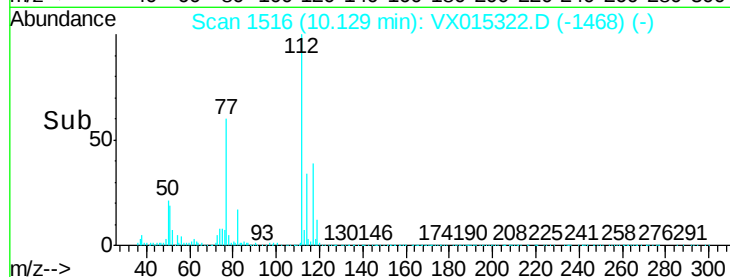
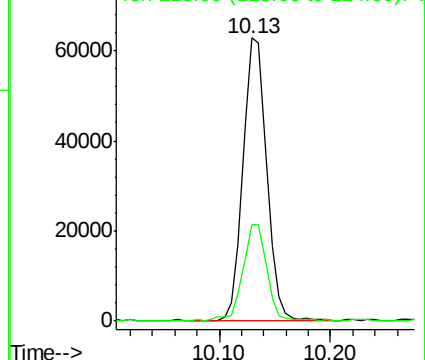
MMDadoda

3/19/2020 12:00:50 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: 5.595 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

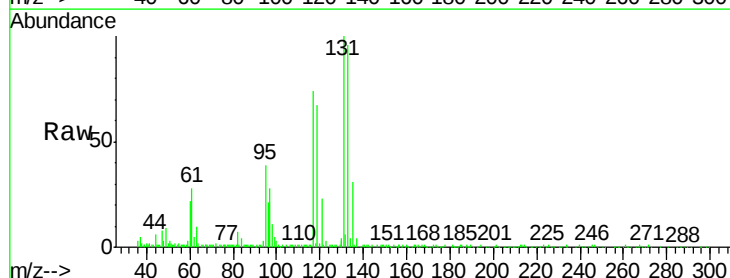
Tgt Ion:131 Resp: 34819

Ion Ratio Lower Upper

131 100

133 94.6 48.1 144.4

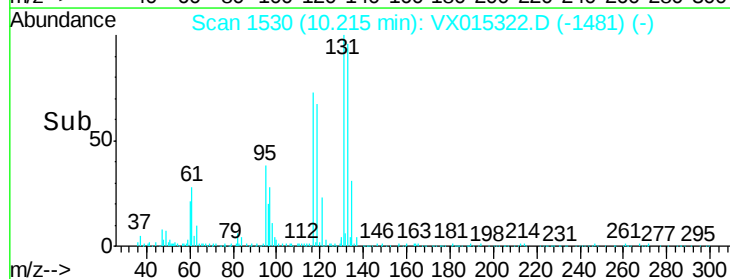
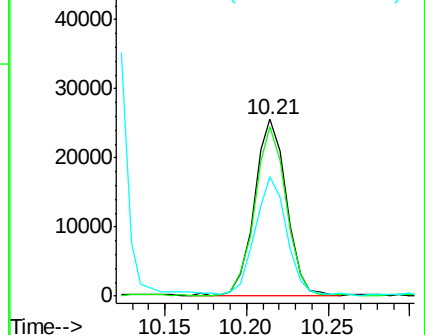
119 68.4 33.8 101.3

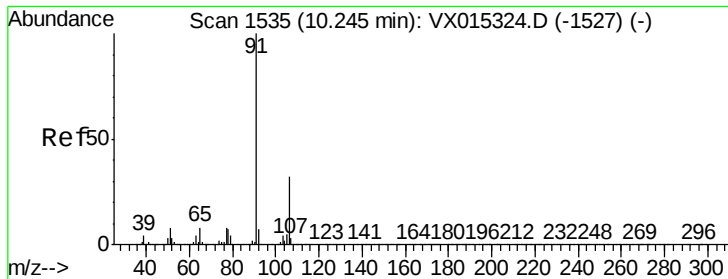


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 5.934 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 167568

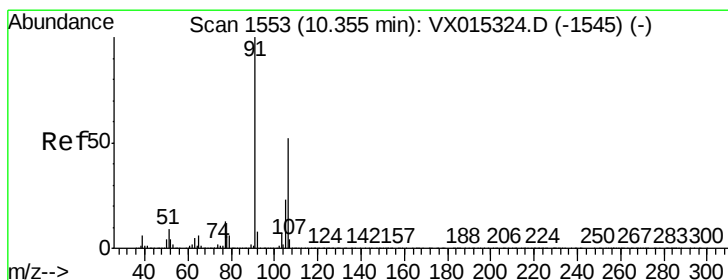
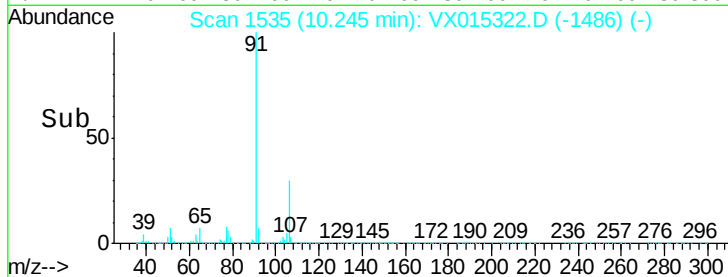
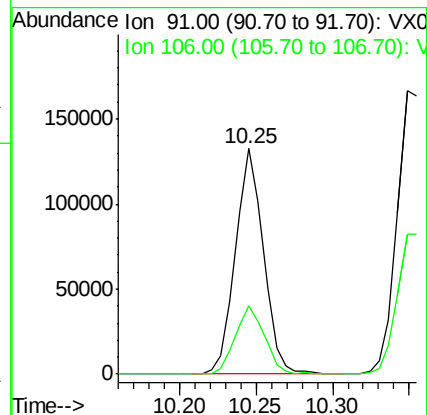
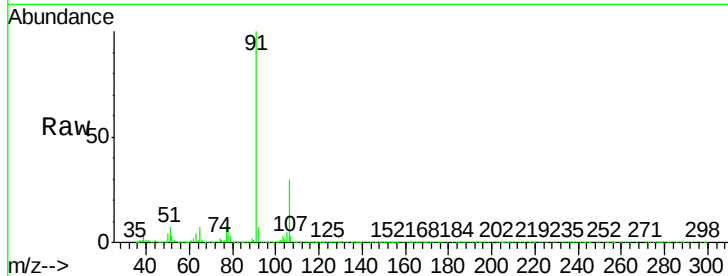
Ion Ratio Lower Upper

91 100

106 30.2 25.8 38.6

Manual Integrations  
APPROVED

MMDadoda  
3/19/2020 12:00:50 PM



#68

m/p-Xylenes

Concen: 11.283 ug/l

RT: 10.35 min Scan# 1552

Delta R.T. -0.01 min

Lab File: VX015322.D

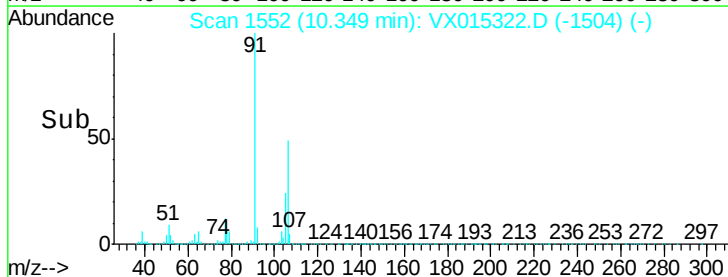
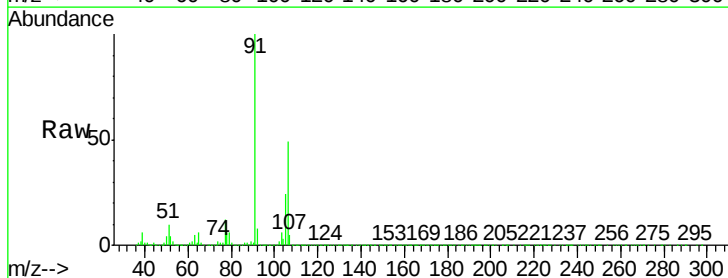
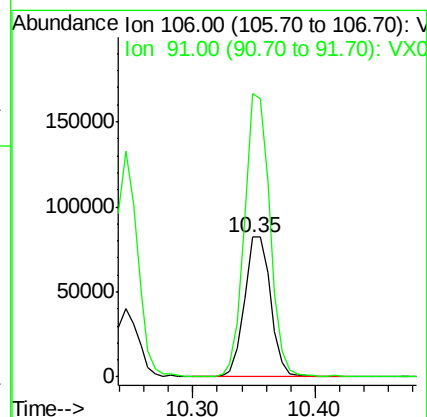
Acq: 18 Mar 2020 13:02

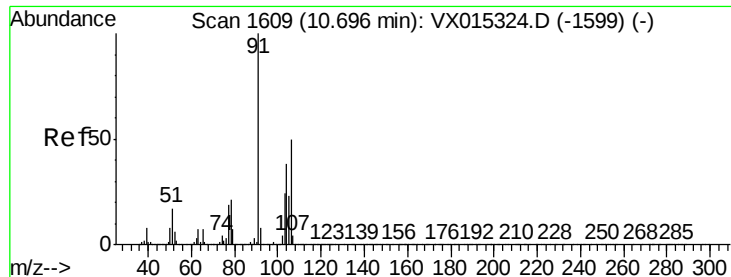
Tgt Ion: 106 Resp: 121491

Ion Ratio Lower Upper

106 100

91 195.6 155.1 232.7





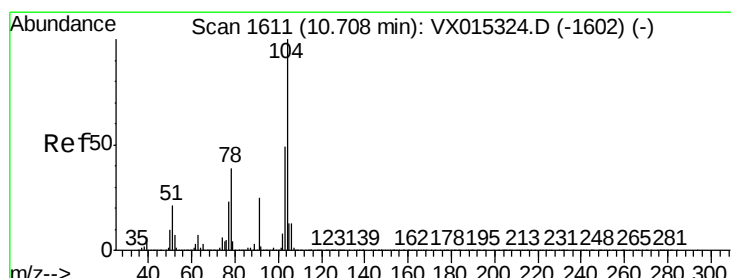
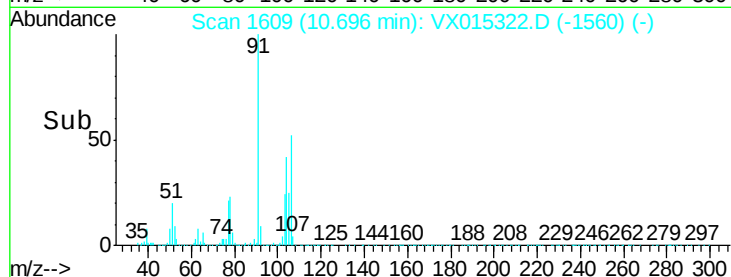
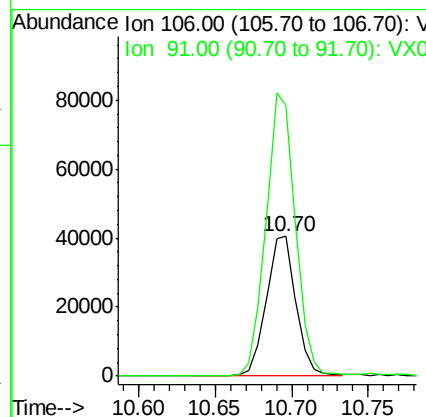
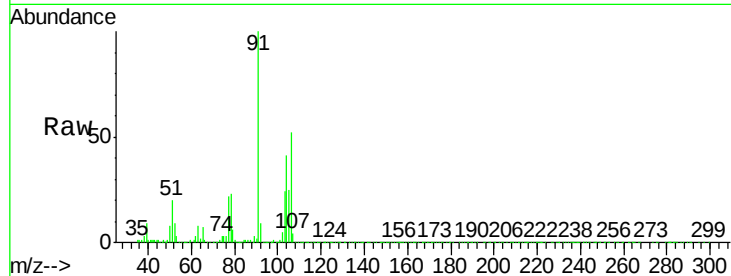
#69  
o-Xylene  
Concen: 5.284 ug/l  
RT: 10.70 min Scan# 1609  
Delta R.T. -0.00 min  
Lab File: VX015322.D  
Acq: 18 Mar 2020 13:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 201.2 | 102.3 | 306.9 |

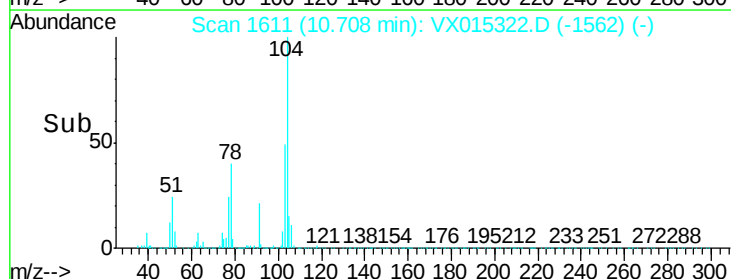
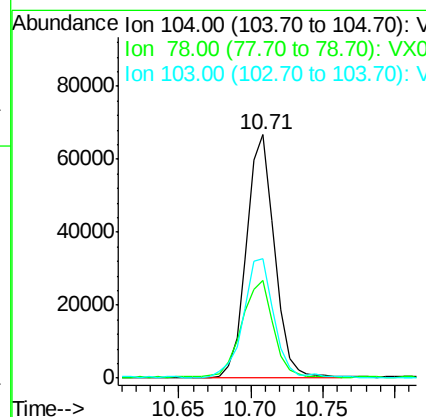
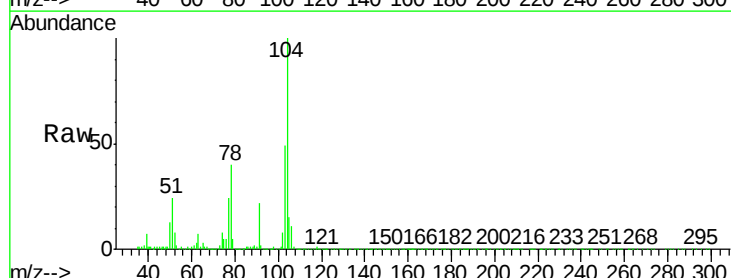
Manual Integrations  
APPROVED

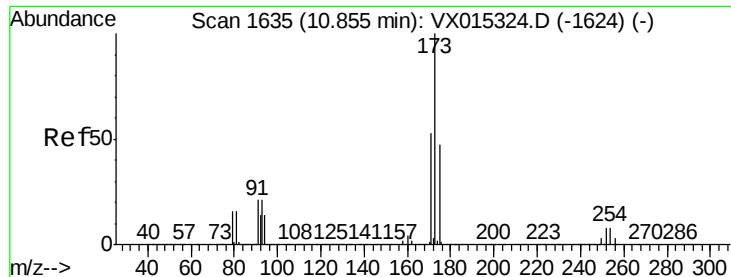
MMDadoda  
3/19/2020 12:00:50 PM



#70  
Styrene  
Concen: 5.084 ug/l  
RT: 10.71 min Scan# 1611  
Delta R.T. -0.00 min  
Lab File: VX015322.D  
Acq: 18 Mar 2020 13:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 45.5  | 36.0  | 54.0  |
| 103     | 53.8  | 43.4  | 65.0  |





#71

Bromoform

Concen: 4.118 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion:173 Resp: 19527

Ion Ratio Lower Upper

173 100

175 45.2 23.4 70.2

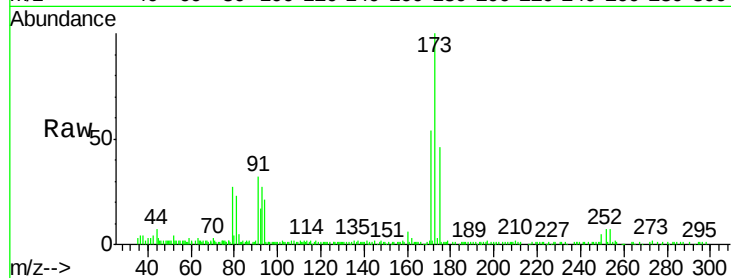
254 0.4 0.2 0.2#

Manual Integrations

APPROVED

MMDadoda

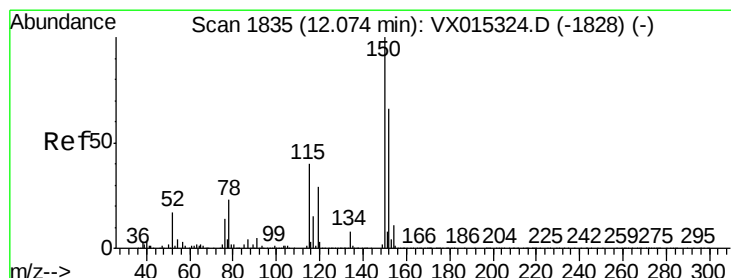
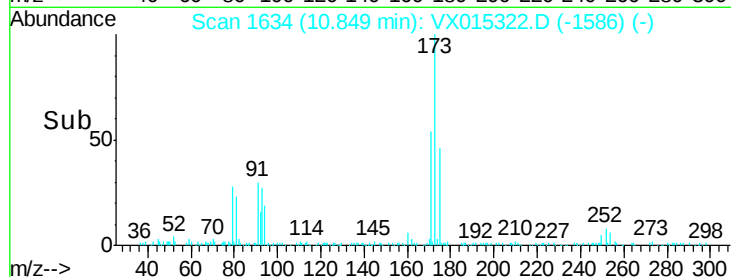
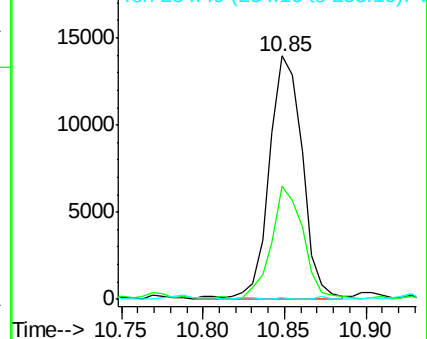
3/19/2020 12:00:50 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

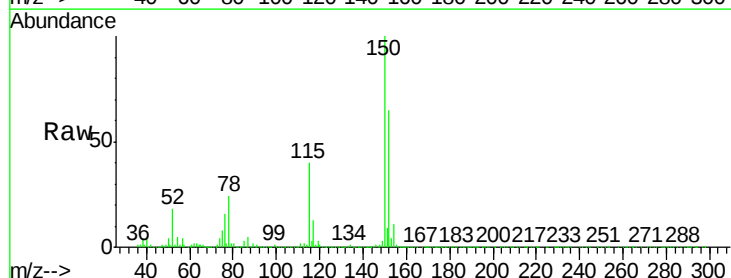
Tgt Ion:152 Resp: 381412

Ion Ratio Lower Upper

152 100

115 65.9 41.9 125.8

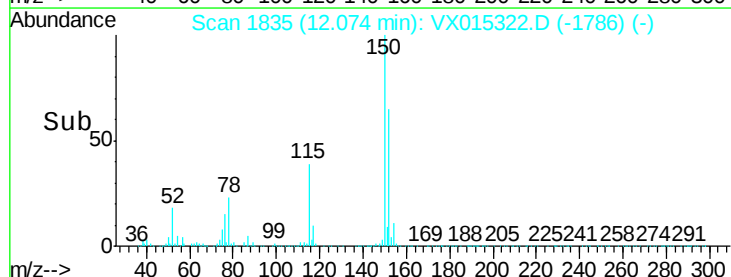
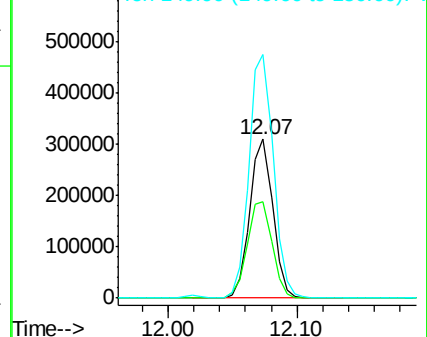
150 160.5 0.0 347.6

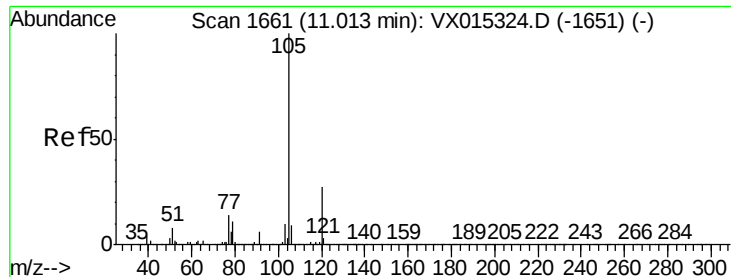


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 6.255 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion: 105 Resp: 155728

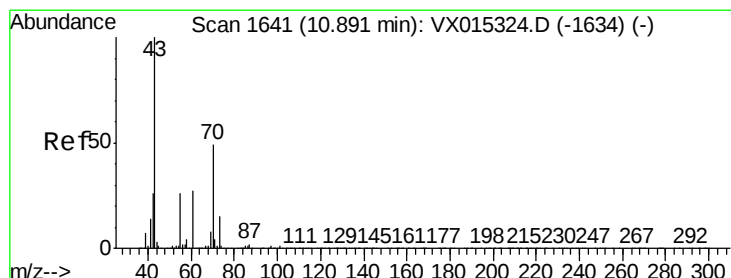
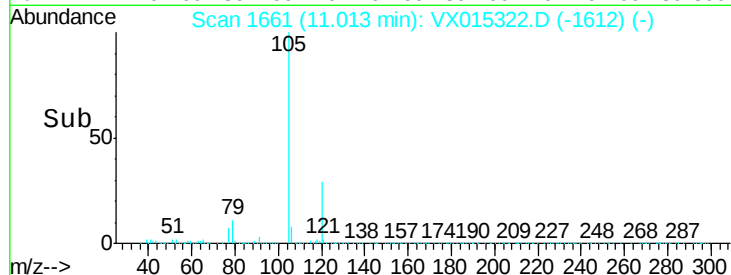
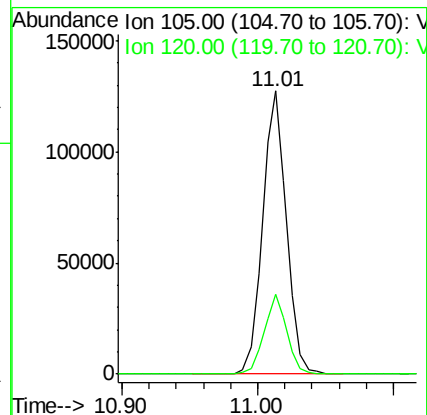
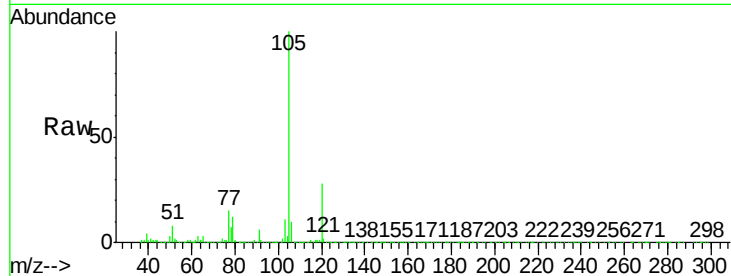
Ion Ratio Lower Upper

105 100

120 26.8 13.9 41.6

Manual Integrations  
APPROVED

MMDadoda  
3/19/2020 12:00:50 PM



#74

N-ethyl acetate

Concen: 4.535 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

Tgt Ion: 43 Resp: 46077

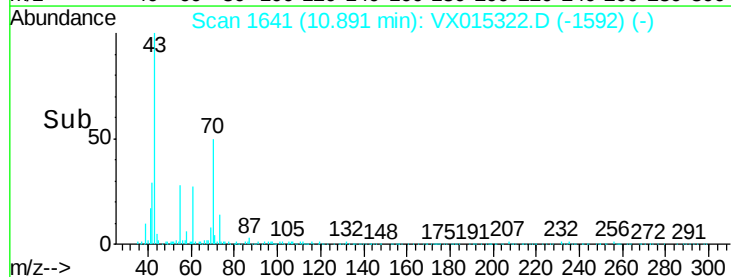
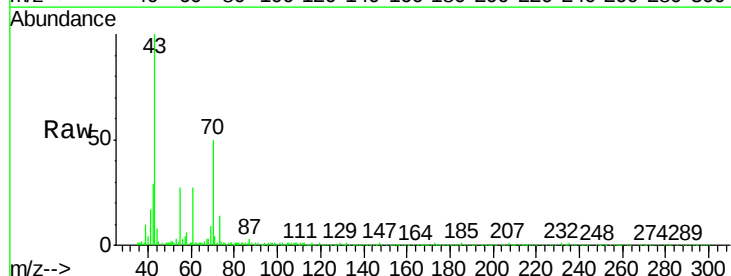
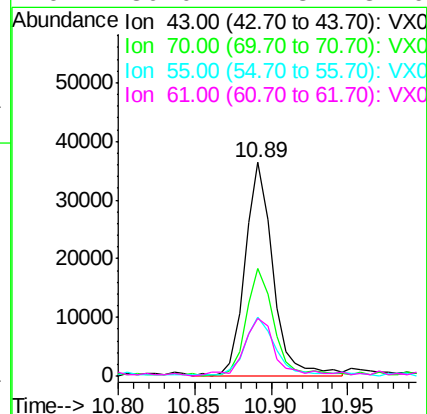
Ion Ratio Lower Upper

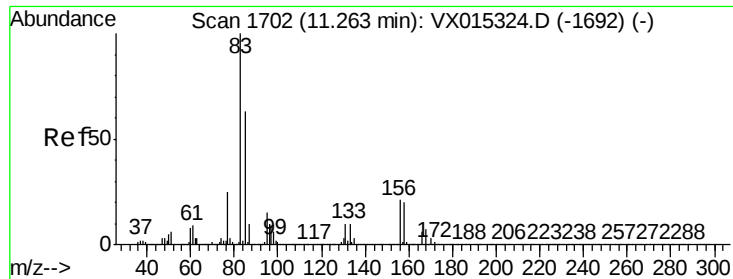
43 100

70 50.6 38.6 58.0

55 27.4 21.2 31.8

61 30.0 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 5.707 ug/l

RT: 11.26 min Scan# 1701

Delta R.T. -0.01 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

Instrument :

MSVOA\_X

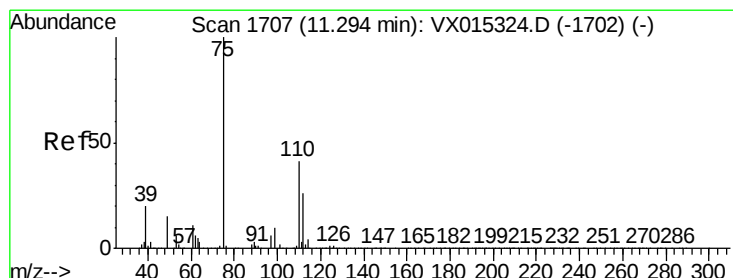
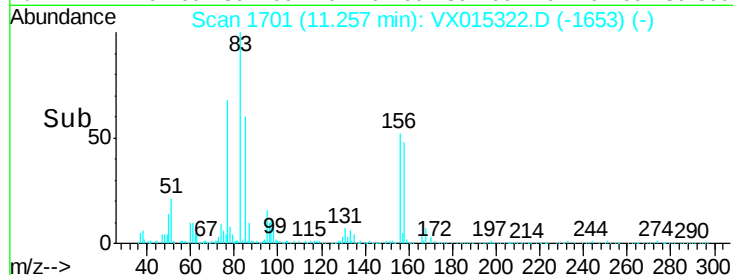
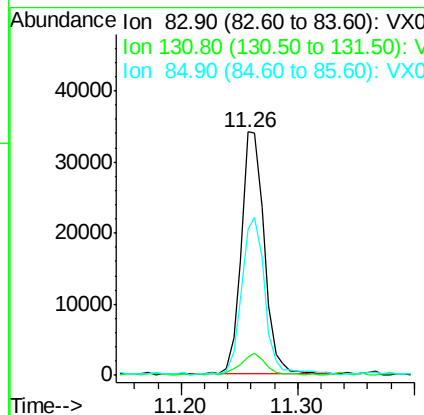
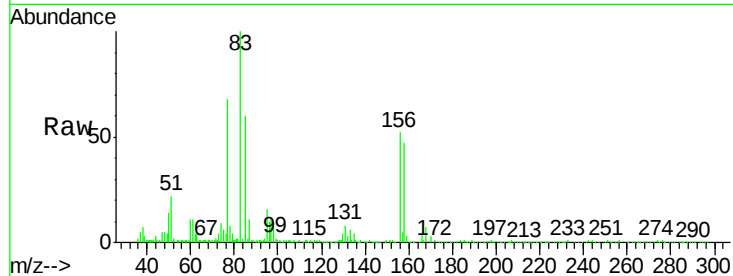
ClientSampleId :

VSTDIC005

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 47153 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 9.7   | 5.1   | 15.2  |
| 85        | 65.5  | 32.0  | 96.0  |

Manual Integrations  
APPROVED

MMDadoda  
3/19/2020 12:00:50 PM



#76

1,2,3-Trichloropropane

Concen: 5.330 ug/l m

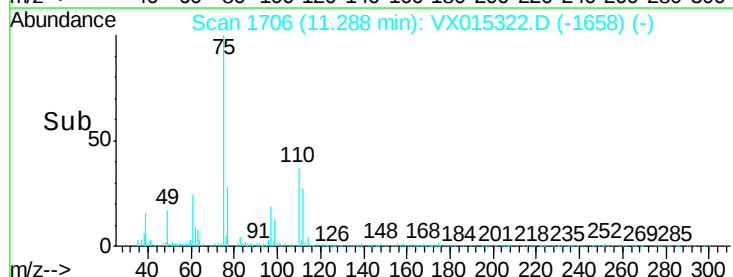
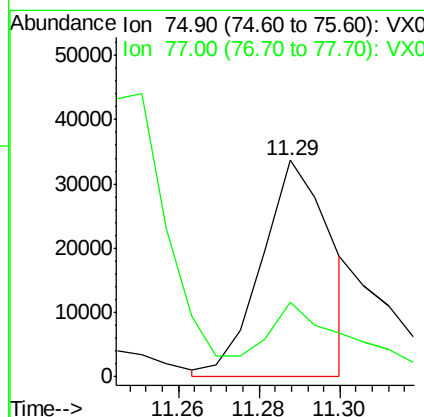
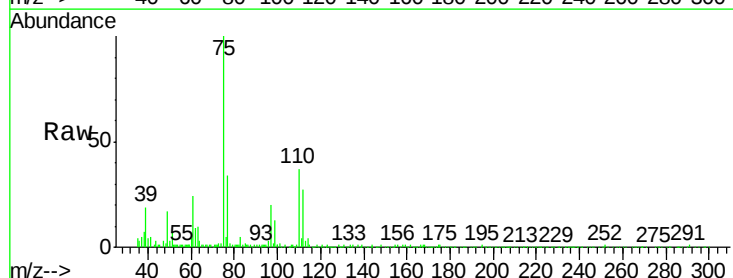
RT: 11.29 min Scan# 1706

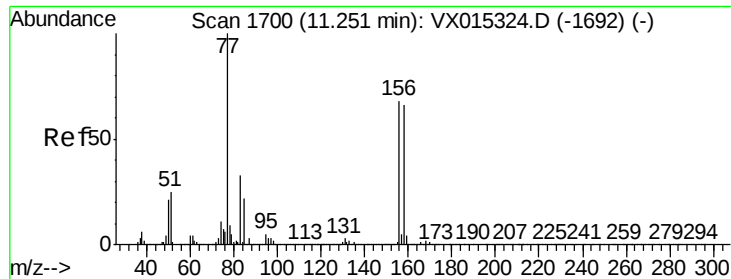
Delta R.T. -0.01 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 39932 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 39.5  | 21.2  | 63.6  |





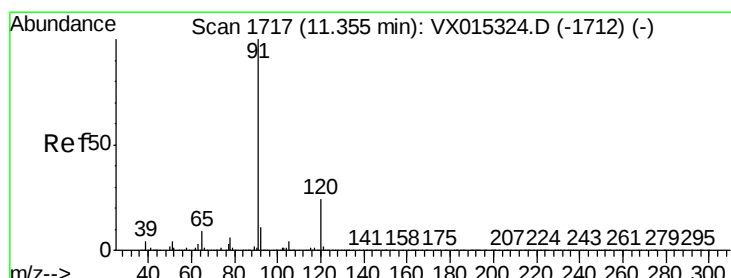
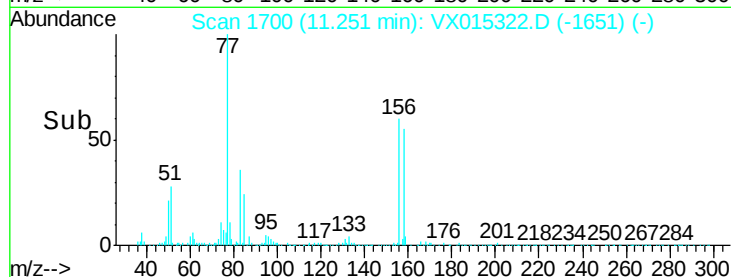
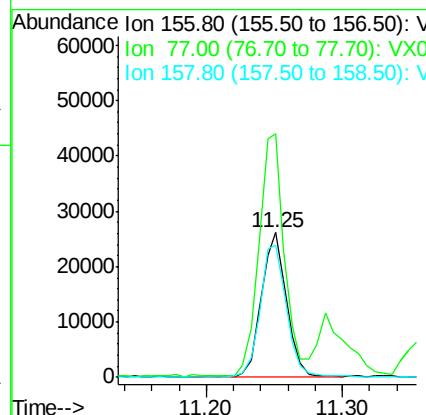
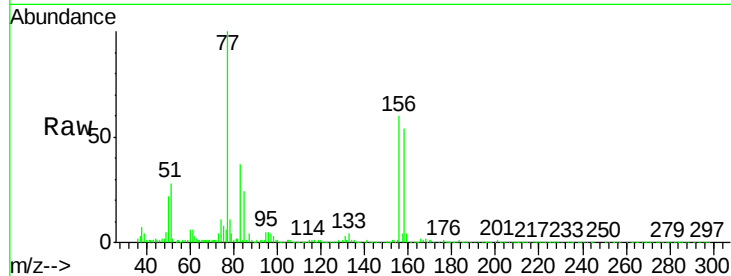
#77  
Bromobenzene  
Concen: 5.063 ug/l  
RT: 11.25 min Scan# 1700  
Delta R.T. -0.00 min  
Lab File: VX015322.D  
Acq: 18 Mar 2020 13:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 165.1 | 81.4  | 244.2 |
| 158     | 96.0  | 48.6  | 145.9 |

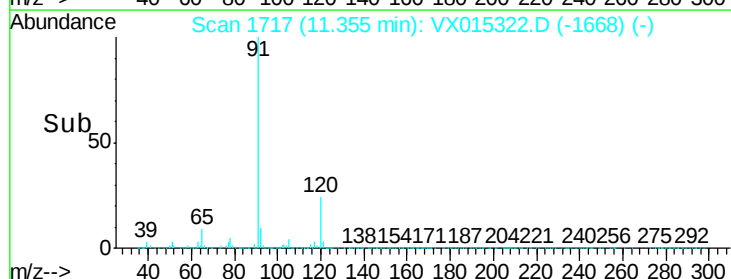
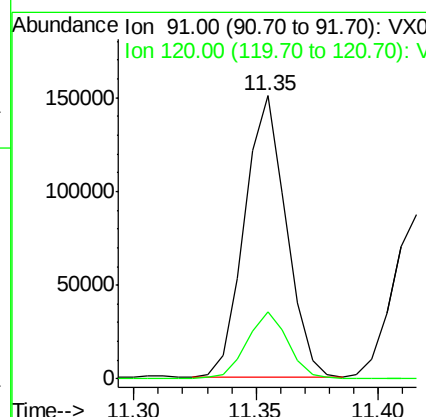
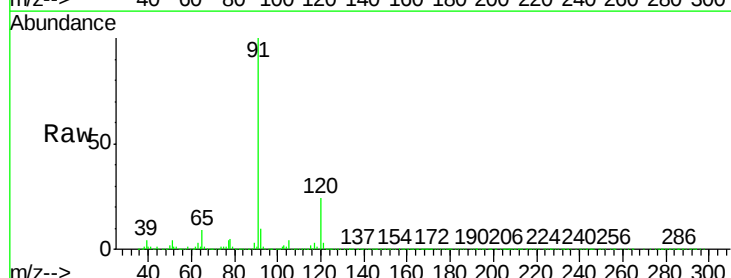
Manual Integrations  
APPROVED

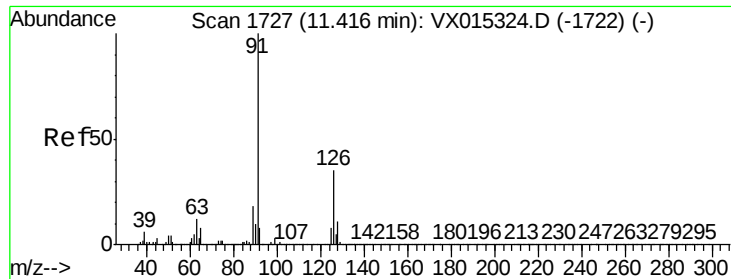
MMDadoda  
3/19/2020 12:00:50 PM



#78  
n-propylbenzene  
Concen: 6.304 ug/l  
RT: 11.35 min Scan# 1717  
Delta R.T. -0.00 min  
Lab File: VX015322.D  
Acq: 18 Mar 2020 13:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 23.4  | 11.8  | 35.3  |





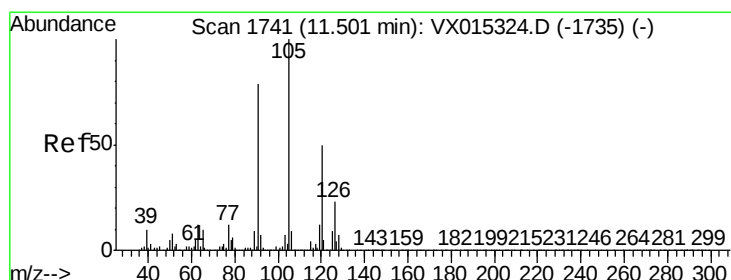
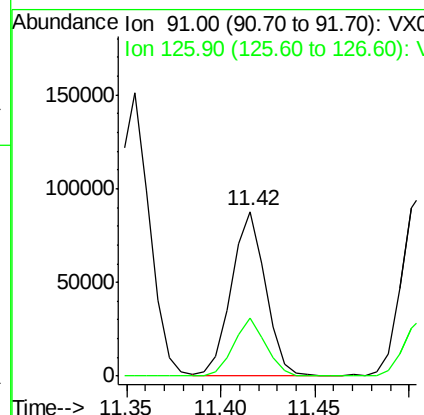
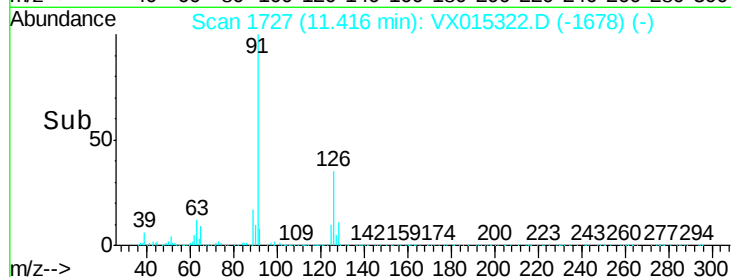
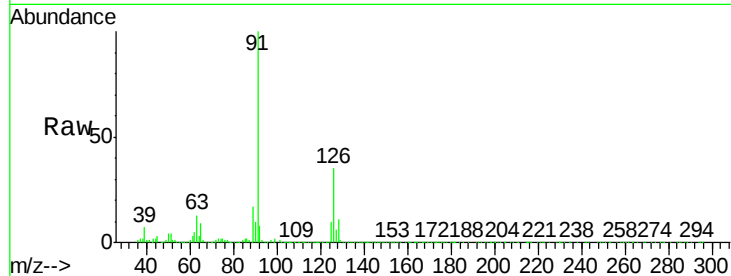
#79  
2-Chlorotoluene  
Concen: 6.427 ug/l  
RT: 11.42 min Scan# 1727  
Delta R.T. -0.00 min  
Lab File: VX015322.D  
Acq: 18 Mar 2020 13:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

Tot Ion: 91 Resp: 108714  
Ion Ratio Lower Upper  
91 100  
126 33.7 17.2 51.6

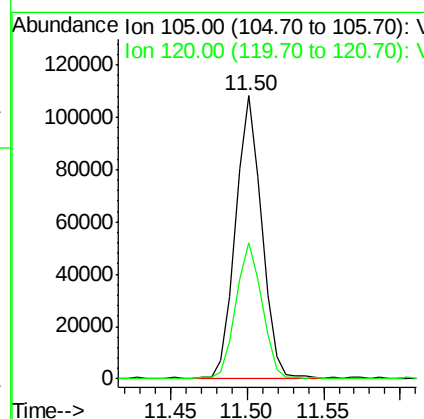
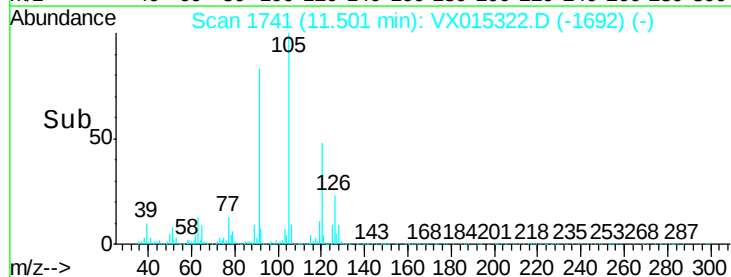
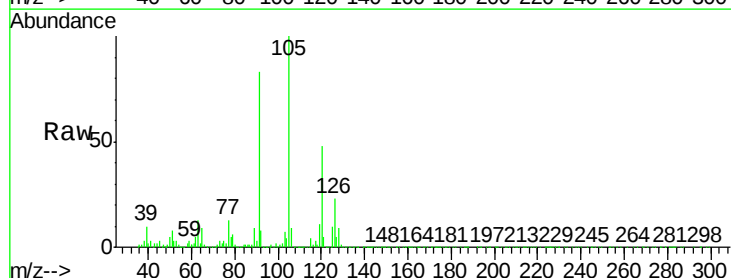
Manual Integrations  
APPROVED

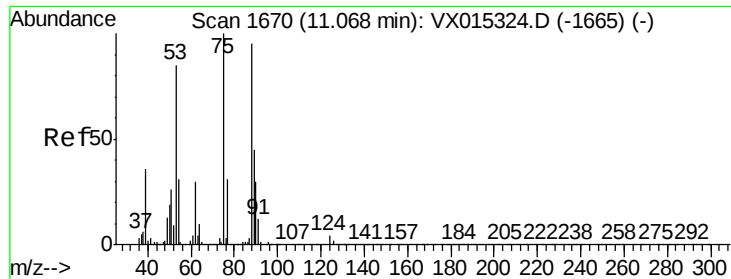
MMDadoda  
3/19/2020 12:00:50 PM



#80  
1,3,5-Trimethylbenzene  
Concen: 6.194 ug/l  
RT: 11.50 min Scan# 1741  
Delta R.T. -0.00 min  
Lab File: VX015322.D  
Acq: 18 Mar 2020 13:02

Tgt Ion: 105 Resp: 127635  
Ion Ratio Lower Upper  
105 100  
120 48.1 24.9 74.6





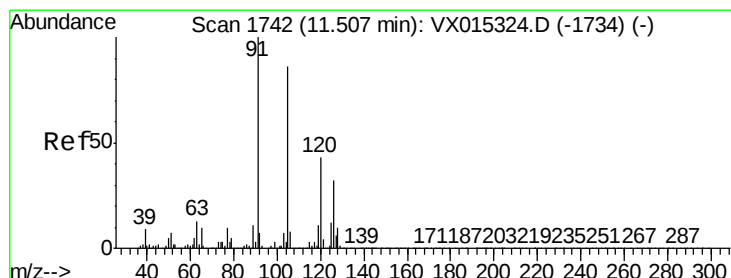
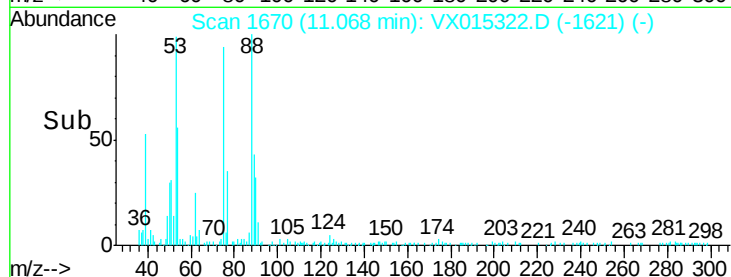
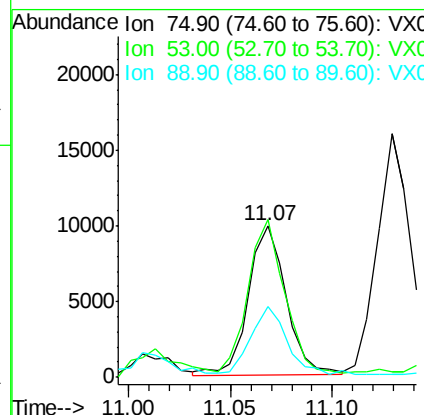
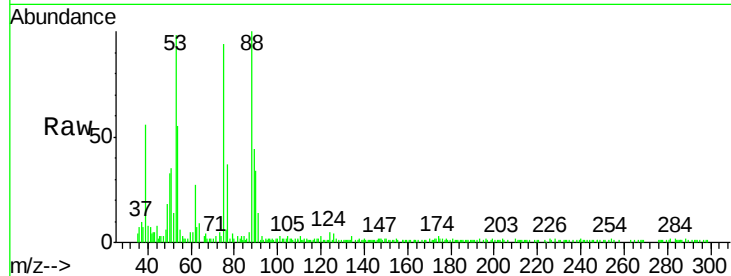
#81  
trans-1,4-Dichloro-2-butene  
Concen: 4.674 ug/l  
RT: 11.07 min Scan# 1670  
Delta R.T. -0.00 min  
Lab File: VX015322.D  
Acq: 18 Mar 2020 13:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 100.0 | 68.0  | 102.0 |
| 89      | 43.0  | 37.1  | 55.7  |

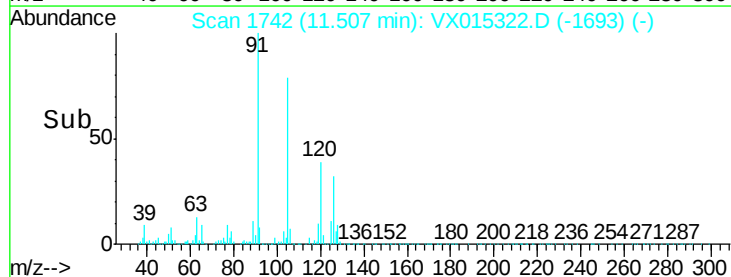
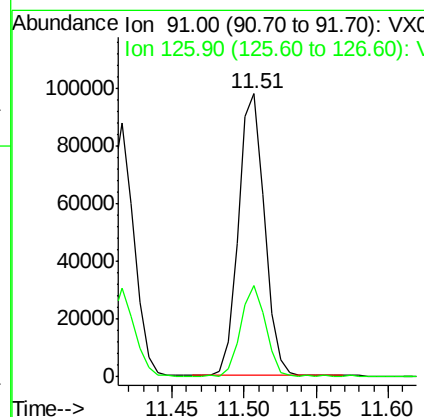
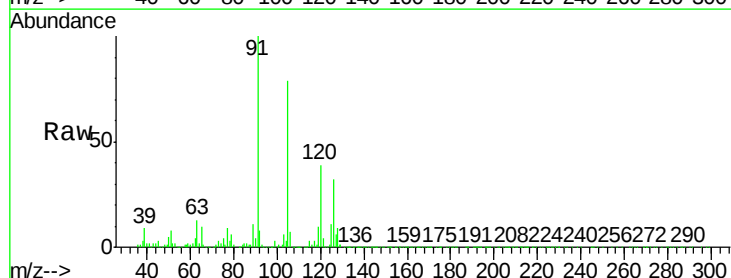
Manual Integrations  
APPROVED

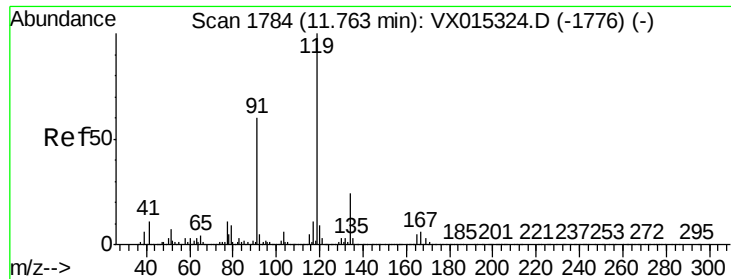
MMDadoda  
3/19/2020 12:00:50 PM



#82  
4-Chlorotoluene  
Concen: 6.194 ug/l  
RT: 11.51 min Scan# 1742  
Delta R.T. -0.00 min  
Lab File: VX015322.D  
Acq: 18 Mar 2020 13:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 31.0  | 15.4  | 46.2  |





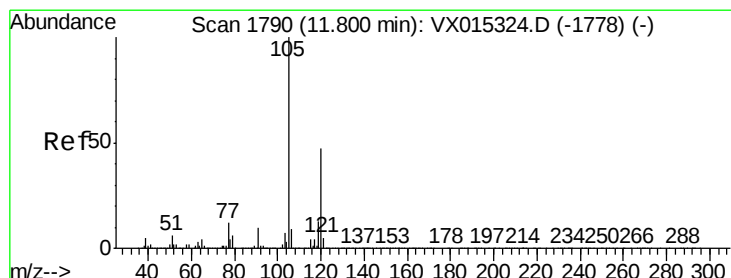
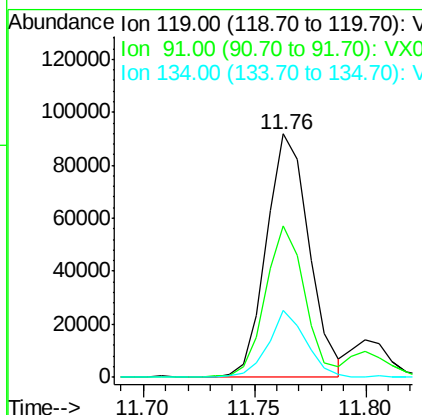
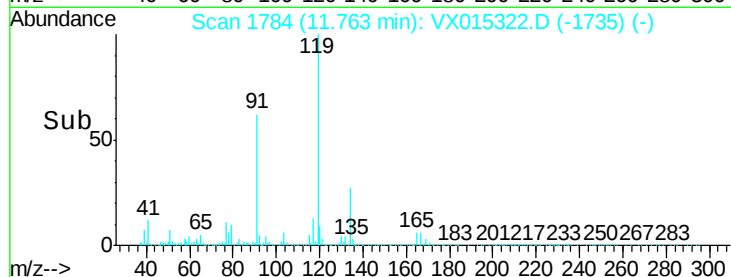
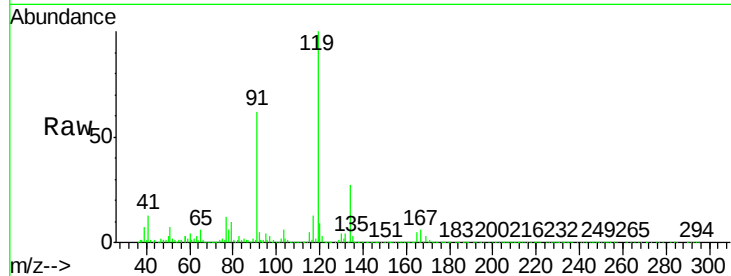
#83  
tert-Butylbenzene  
Concen: 6.105 ug/l  
RT: 11.76 min Scan# 1784  
Delta R.T. -0.00 min  
Lab File: VX015322.D  
Acq: 18 Mar 2020 13:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 121926 |       |       |
| 91      | 57.8  | 28.1   | 84.4  |       |
| 134     | 24.5  | 11.6   | 34.8  |       |

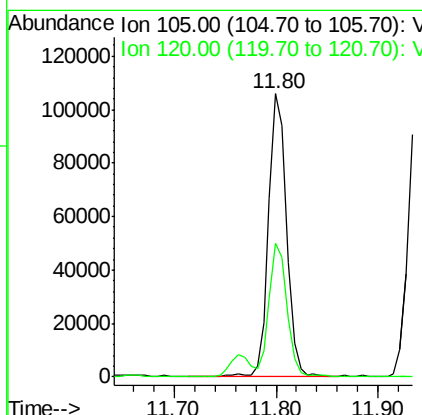
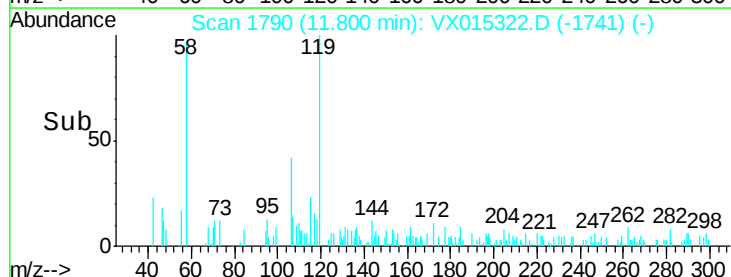
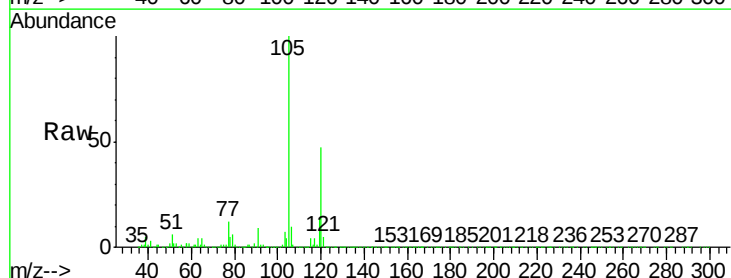
Manual Integrations  
APPROVED

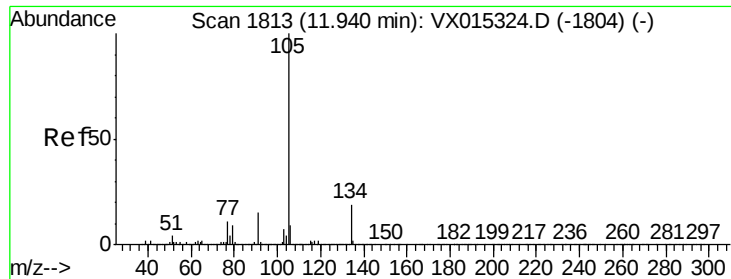
MMDadoda  
3/19/2020 12:00:50 PM



#84  
1,2,4-Trimethylbenzene  
Concen: 6.203 ug/l  
RT: 11.80 min Scan# 1790  
Delta R.T. -0.00 min  
Lab File: VX015322.D  
Acq: 18 Mar 2020 13:02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 129502 |       |       |
| 120     | 46.4  | 23.1   | 69.2  |       |





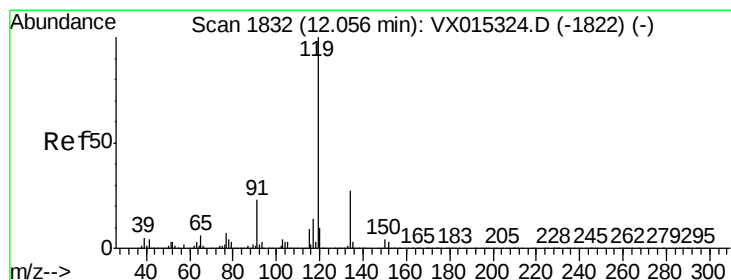
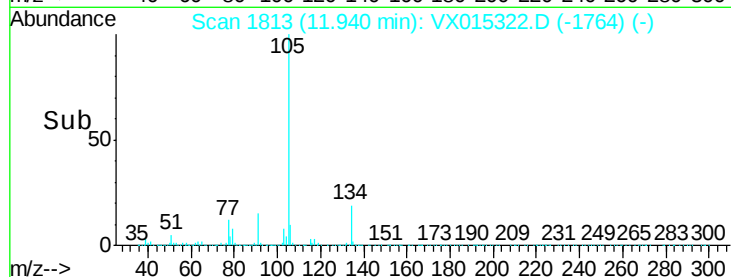
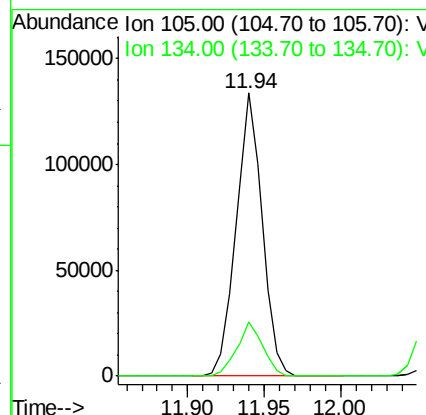
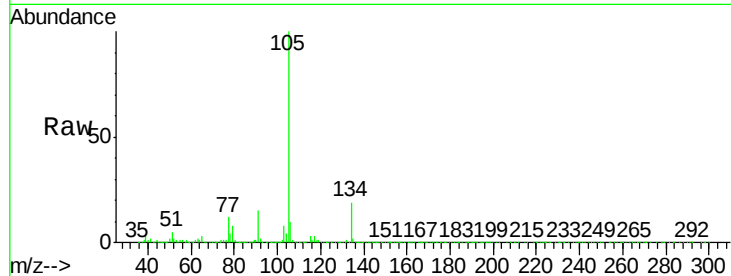
#85  
 sec-Butylbenzene  
 Concen: 6.442 ug/l  
 RT: 11.94 min Scan# 1813  
 Delta R.T. -0.00 min  
 Lab File: VX015322.D  
 Acq: 18 Mar 2020 13:02

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 156619 |       |       |
| 134     | 19.6  | 9.8    | 29.5  |       |

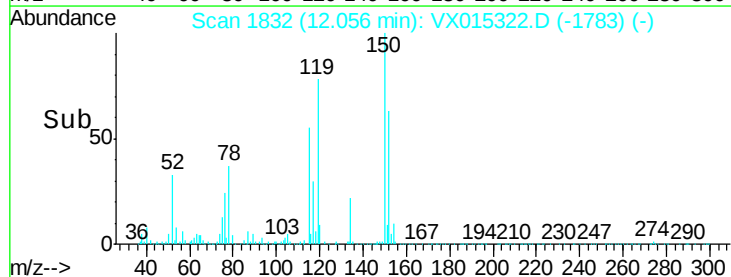
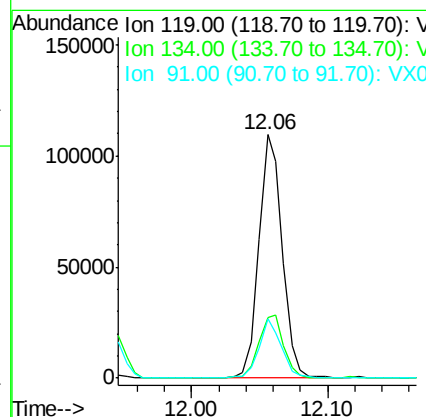
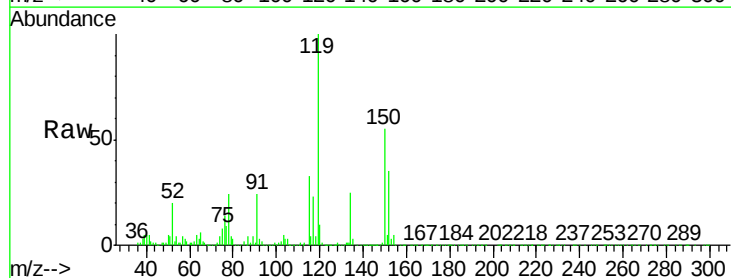
Manual Integrations  
 APPROVED

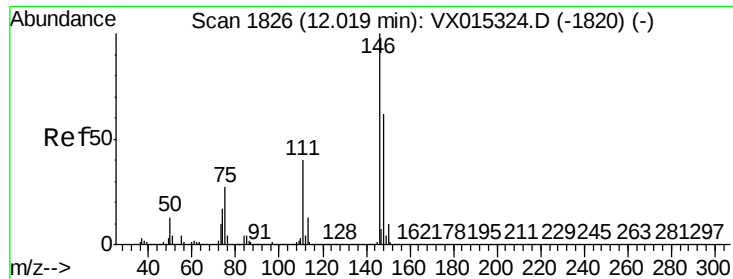
MMDadoda  
 3/19/2020 12:00:50 PM



#86  
 p-Isopropyltoluene  
 Concen: 5.945 ug/l  
 RT: 12.06 min Scan# 1832  
 Delta R.T. -0.00 min  
 Lab File: VX015322.D  
 Acq: 18 Mar 2020 13:02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 132364 |       |       |
| 134     | 27.4  | 13.2   | 39.6  |       |
| 91      | 23.4  | 11.0   | 33.0  |       |





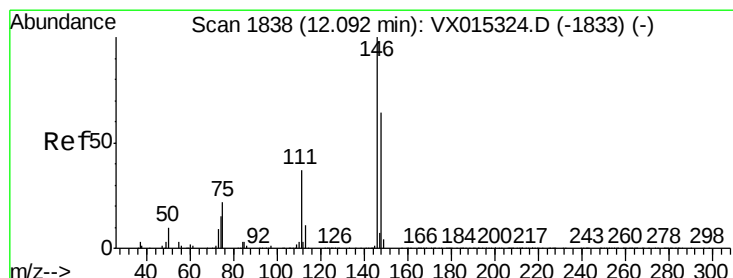
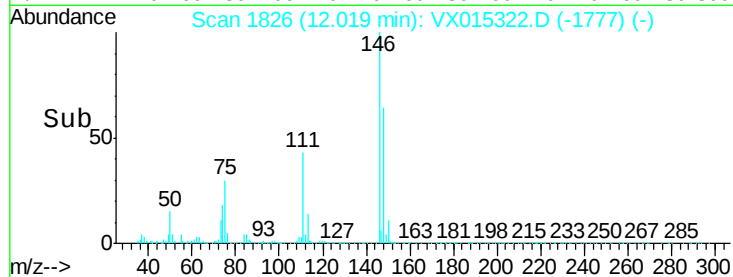
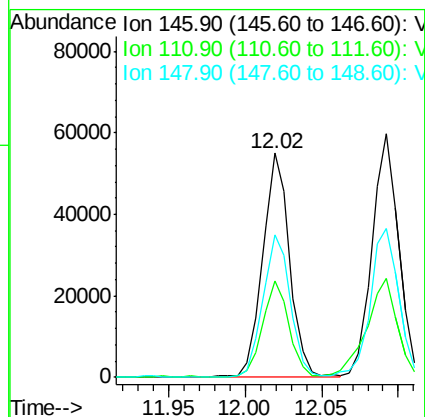
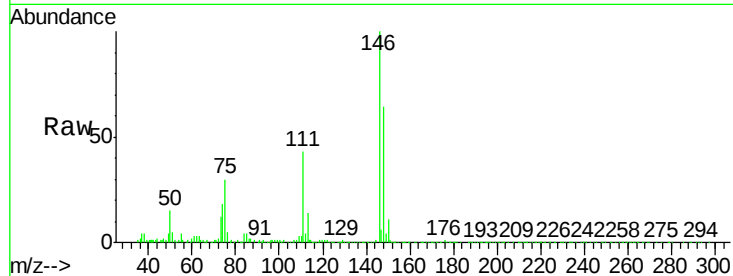
#87  
 1,3-Dichlorobenzene  
 Concen: 5.556 ug/l  
 RT: 12.02 min Scan# 1826  
 Delta R.T. -0.00 min  
 Lab File: VX015322.D  
 Acq: 18 Mar 2020 13:02

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.1  | 20.3  | 61.0  |
| 148     | 64.9  | 31.4  | 94.3  |

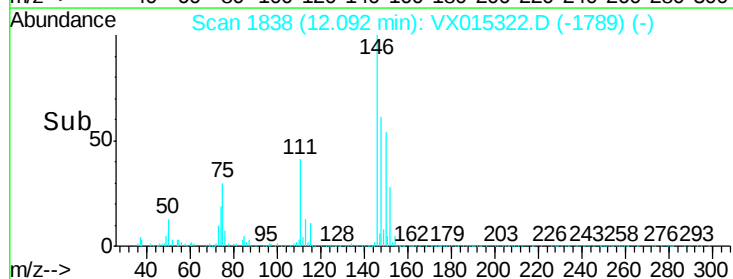
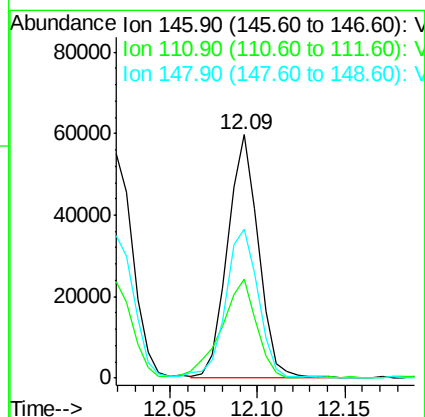
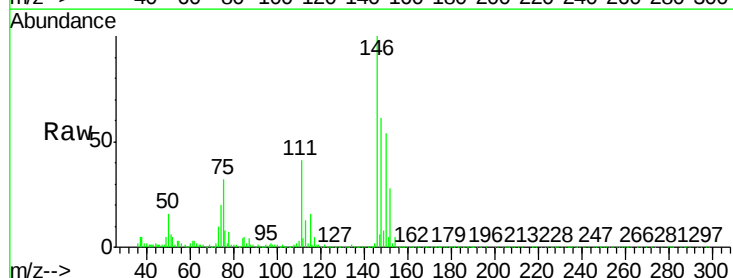
Manual Integrations  
 APPROVED

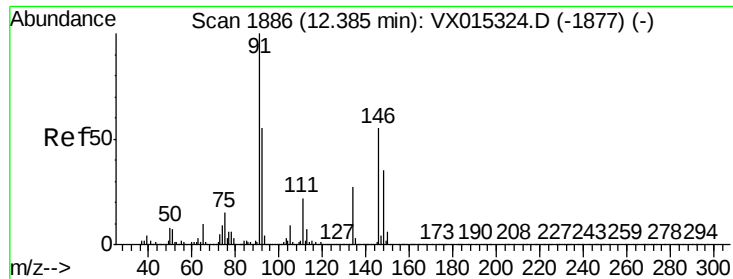
MMDadoda  
 3/19/2020 12:00:50 PM



#88  
 1,4-Dichlorobenzene  
 Concen: 5.834 ug/l  
 RT: 12.09 min Scan# 1838  
 Delta R.T. -0.00 min  
 Lab File: VX015322.D  
 Acq: 18 Mar 2020 13:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 46.2  | 19.7  | 59.1  |
| 148     | 65.6  | 32.0  | 96.0  |





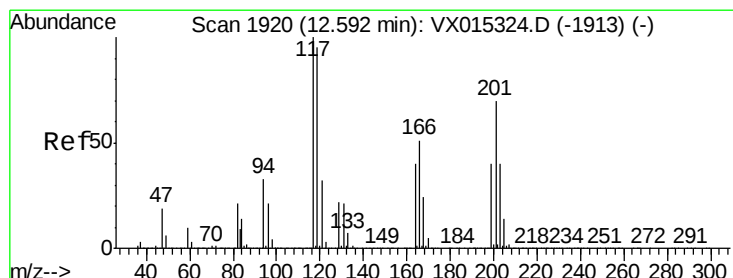
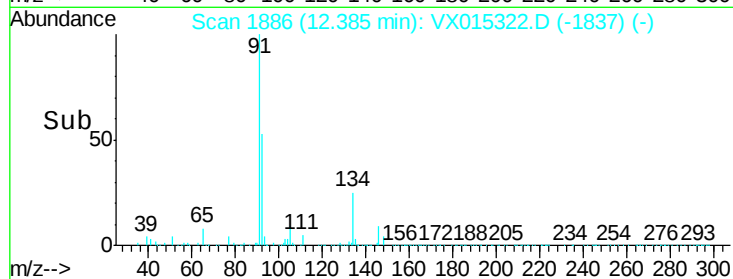
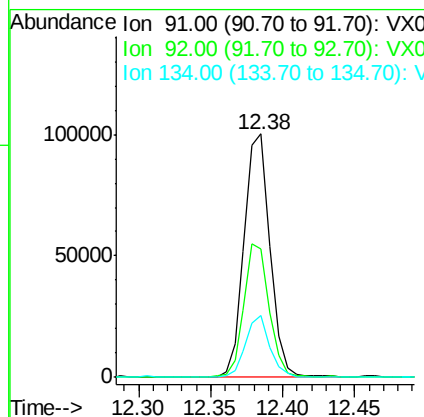
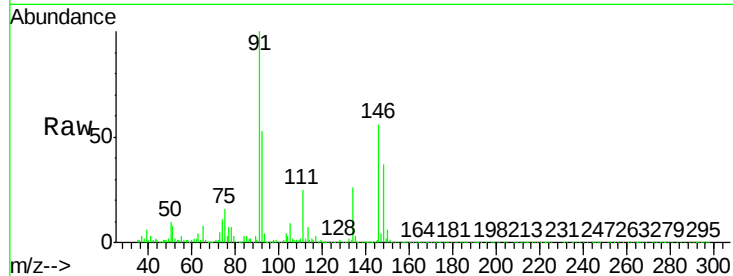
#89  
n-Butylbenzene  
Concen: 6.269 ug/l  
RT: 12.38 min Scan# 1886  
Delta R.T. -0.00 min  
Lab File: VX015322.D  
Acq: 18 Mar 2020 13:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 91      | 100   | 124546 |       |       |
| 92      | 53.4  | 27.5   | 82.4  |       |
| 134     | 24.4  | 13.2   | 39.6  |       |

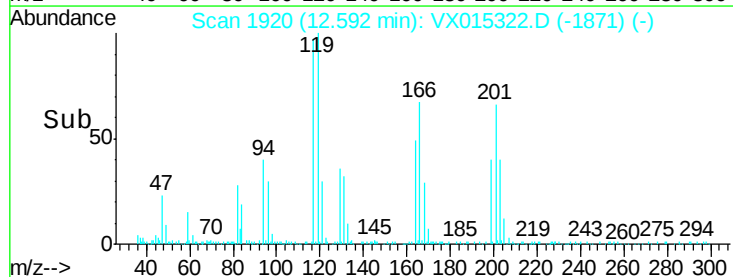
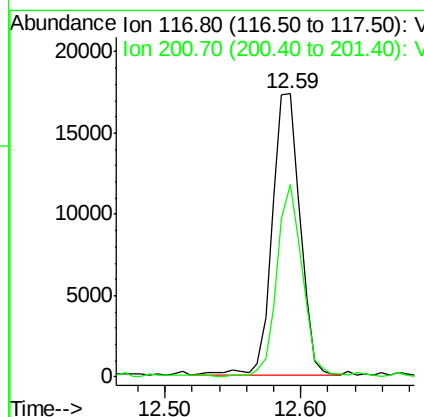
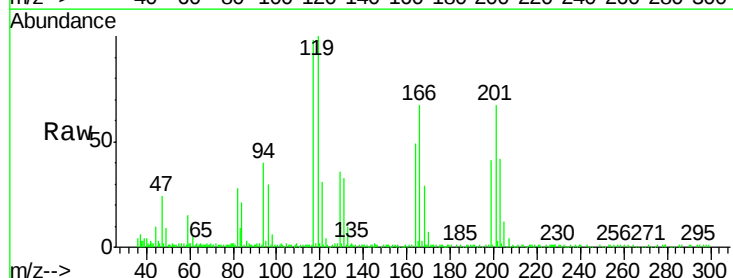
Manual Integrations  
APPROVED

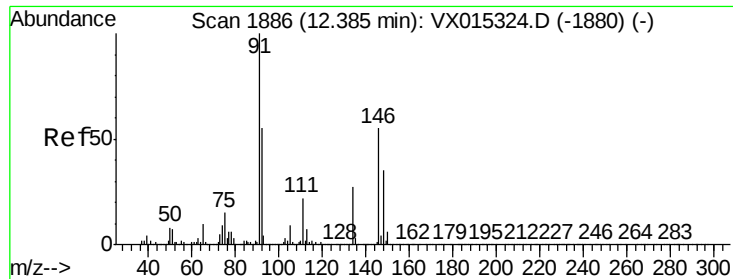
MMDadoda  
3/19/2020 12:00:50 PM



#90  
Hexachloroethane  
Concen: 5.938 ug/l  
RT: 12.59 min Scan# 1920  
Delta R.T. -0.00 min  
Lab File: VX015322.D  
Acq: 18 Mar 2020 13:02

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 24995 |       |       |
| 201     | 62.5  | 32.7  | 98.1  |       |





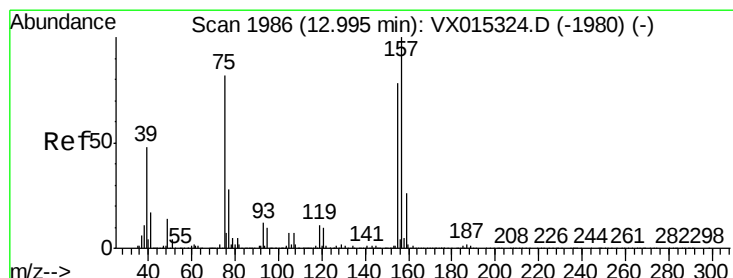
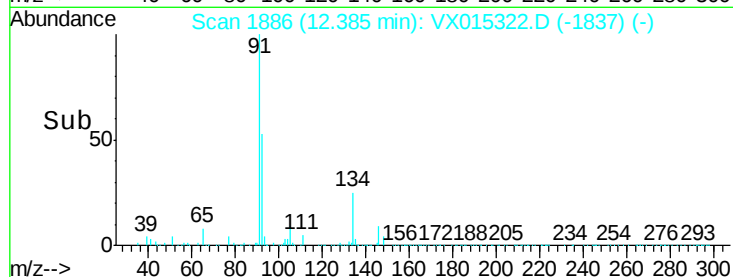
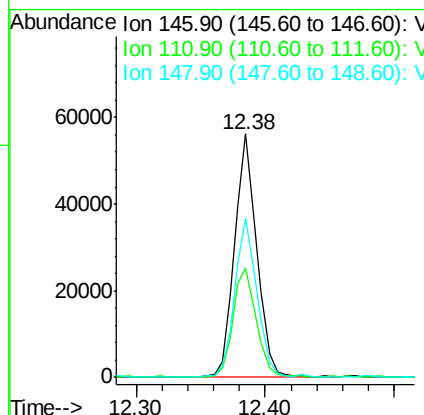
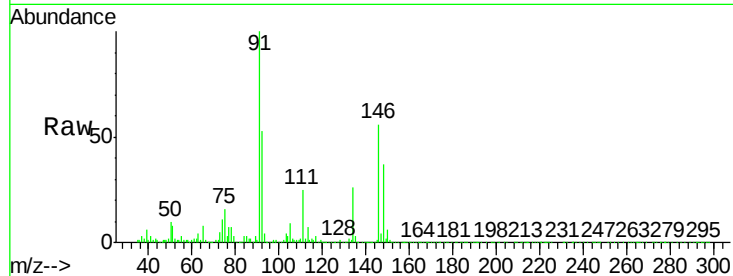
#91  
 1,2-Dichlorobenzene  
 Concen: 5.654 ug/l  
 RT: 12.38 min Scan# 1886  
 Delta R.T. -0.00 min  
 Lab File: VX015322.D  
 Acq: 18 Mar 2020 13:02

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 47.1  | 20.6  | 61.8  |
| 148     | 64.1  | 31.6  | 94.8  |

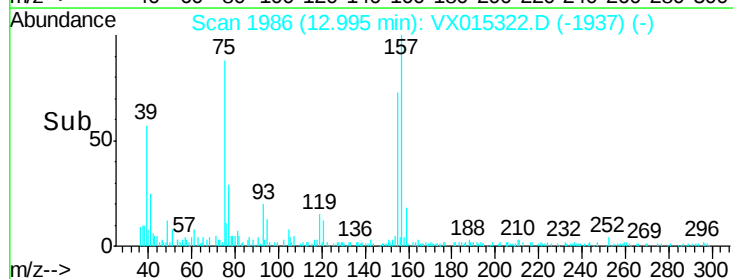
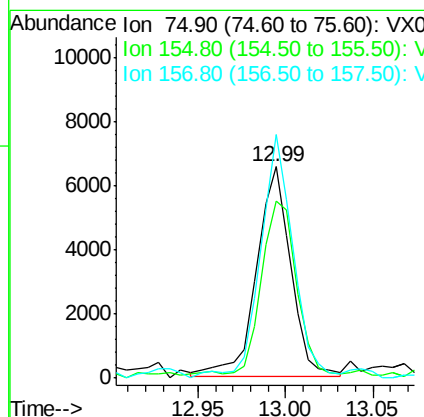
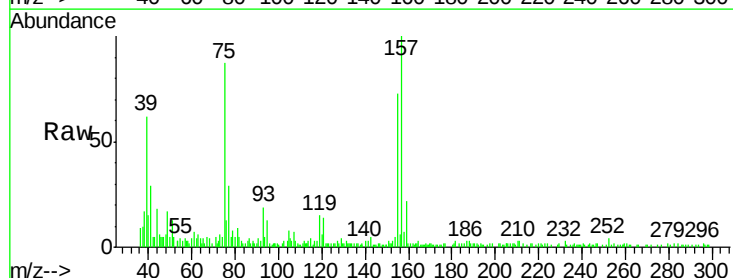
Manual Integrations  
 APPROVED

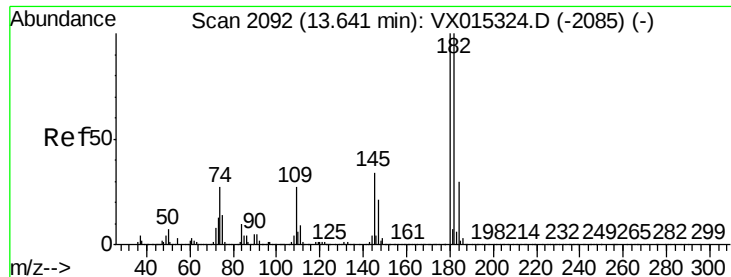
MMDadoda  
 3/19/2020 12:00:50 PM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 5.453 ug/l  
 RT: 12.99 min Scan# 1986  
 Delta R.T. -0.00 min  
 Lab File: VX015322.D  
 Acq: 18 Mar 2020 13:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 84.2  | 48.9  | 146.7 |
| 157     | 110.5 | 61.1  | 183.3 |





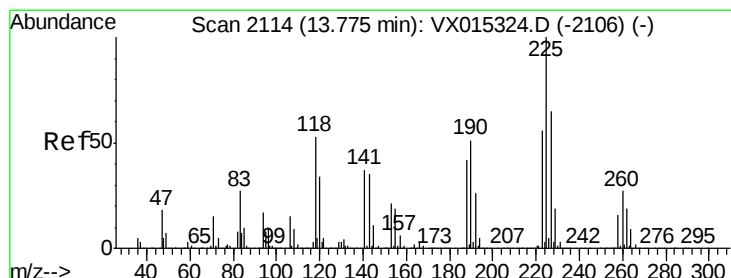
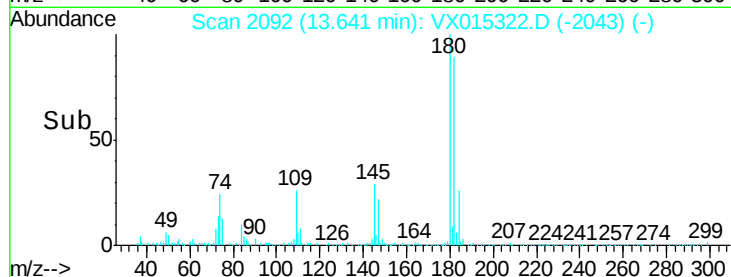
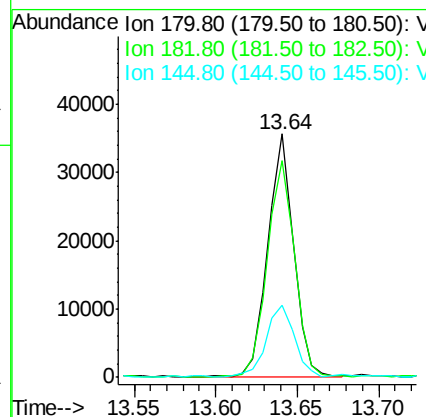
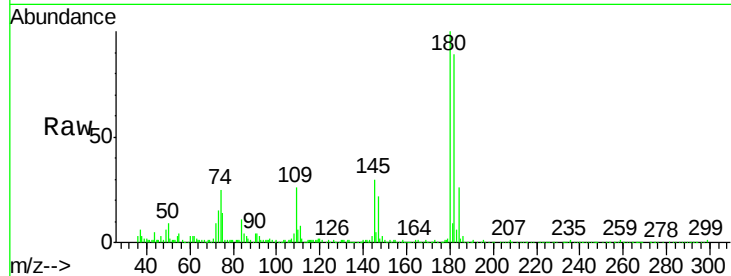
#93  
1,2,4-Trichlorobenzene  
Concen: 4.821 ug/l  
RT: 13.64 min Scan# 2092  
Delta R.T. -0.00 min  
Lab File: VX015322.D  
Acq: 18 Mar 2020 13:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.3  | 48.6  | 145.9 |
| 145     | 33.1  | 16.7  | 50.1  |

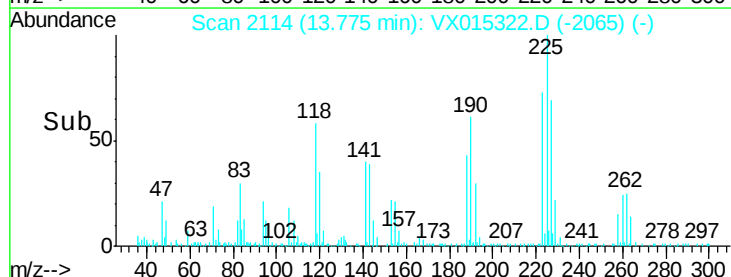
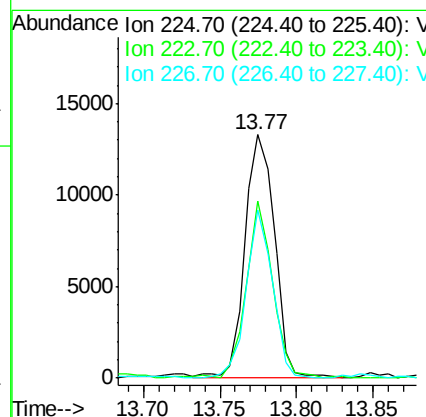
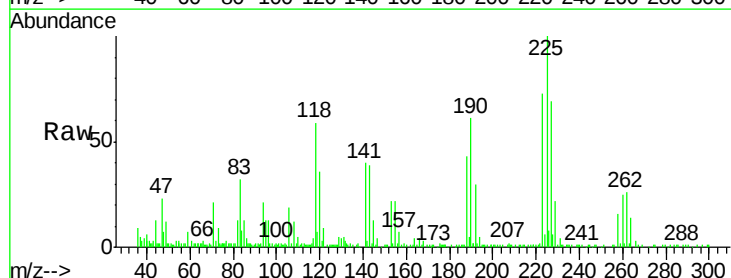
Manual Integrations  
APPROVED

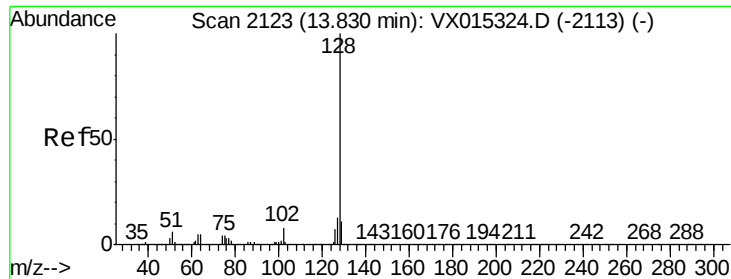
MMDadoda  
3/19/2020 12:00:50 PM



#94  
Hexachlorobutadiene  
Concen: 4.442 ug/l  
RT: 13.77 min Scan# 2114  
Delta R.T. -0.00 min  
Lab File: VX015322.D  
Acq: 18 Mar 2020 13:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 65.9  | 30.6  | 91.6  |
| 227     | 61.0  | 32.3  | 96.8  |





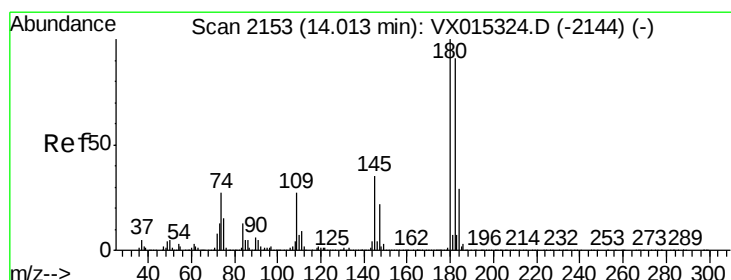
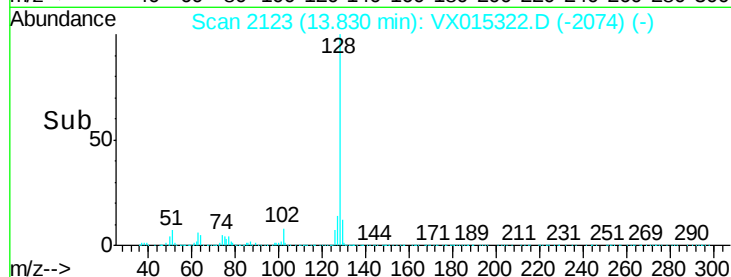
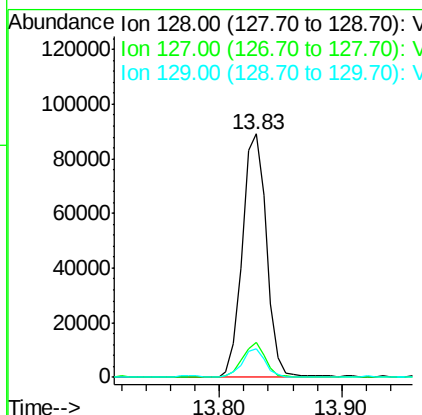
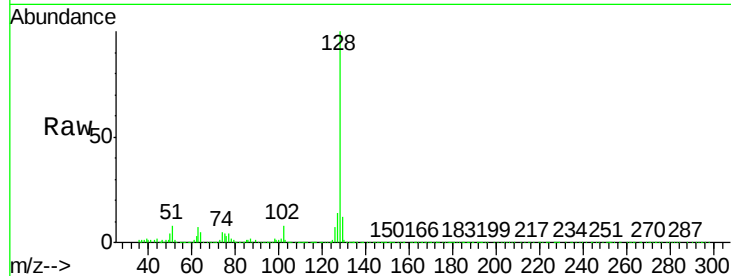
#95  
Naphthalene  
Concen: 5.253 ug/l  
RT: 13.83 min Scan# 2123  
Delta R.T. -0.00 min  
Lab File: VX015322.D  
Acq: 18 Mar 2020 13:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 128     | 100  |       |      |       |       |
| 127     | 13.7 |       | 10.2 | 15.4  |       |
| 129     | 10.9 |       | 8.7  | 13.1  |       |

Manual Integrations  
APPROVED

MMDadoda  
3/19/2020 12:00:50 PM



#96  
1,2,3-Trichlorobenzene  
Concen: 5.045 ug/l  
RT: 14.01 min Scan# 2153  
Delta R.T. -0.00 min  
Lab File: VX015322.D  
Acq: 18 Mar 2020 13:02

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 180     | 100  |       |      |       |       |
| 182     | 94.7 |       | 47.0 | 141.0 |       |
| 145     | 33.5 |       | 17.6 | 52.8  |       |

