

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042220\  
 Data File : VX015834.D  
 Acq On : 22 Apr 2020 11:06  
 Operator : JC/SP  
 Sample : VSTDICCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

Manual Integrations  
 APPROVED

MMDadoda  
 4/23/2020 11:58:08 AM

Quant Time: Apr 22 12:09:55 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X042220W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 22 11:43:26 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.64  | 168  | 972757   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.84  | 114  | 1472676  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 1361900  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 734381   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 6.04   | 65  | 537560   | 46.38 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 92.76% |      |
| 35) Dibromofluoromethane  | 5.47   | 113 | 416096   | 44.69 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 89.38% |      |
| 50) Toluene-d8            | 8.70   | 98  | 1672895  | 47.21 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 94.42% |      |
| 62) 4-Bromofluorobenzene  | 11.12  | 95  | 676624   | 43.62 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 87.24% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.19 | 85  | 478639  | 60.864  | ug/l | 100    |
| 3) Chloromethane              | 1.31 | 50  | 444913  | 53.412  | ug/l | 100    |
| 4) Vinyl Chloride             | 1.39 | 62  | 503645  | 51.312  | ug/l | 100    |
| 5) Bromomethane               | 1.63 | 94  | 191941  | 48.526  | ug/l | 100    |
| 6) Chloroethane               | 1.71 | 64  | 288553  | 51.262  | ug/l | 100    |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 654070  | 52.838  | ug/l | 100    |
| 8) Diethyl Ether              | 2.17 | 74  | 245287  | 49.055  | ug/l | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 410597  | 48.967  | ug/l | 100    |
| 10) Methyl Iodide             | 2.49 | 142 | 525605  | 54.642  | ug/l | 100    |
| 11) Tert butyl alcohol        | 3.02 | 59  | 582581  | 265.972 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 2.36 | 96  | 438282  | 51.507  | ug/l | 100    |
| 13) Acrolein                  | 2.28 | 56  | 329238  | 245.142 | ug/l | 100    |
| 14) Allyl chloride            | 2.71 | 41  | 941272  | 51.656  | ug/l | 100    |
| 15) Acrylonitrile             | 3.12 | 53  | 1374625 | 265.382 | ug/l | 100    |
| 16) Acetone                   | 2.42 | 43  | 1140035 | 228.163 | ug/l | 100    |
| 17) Carbon Disulfide          | 2.56 | 76  | 1246964 | 36.165  | ug/l | 100    |
| 18) Methyl Acetate            | 2.75 | 43  | 797343  | 50.292  | ug/l | 100    |
| 19) Methyl tert-butyl Ether   | 3.17 | 73  | 1555986 | 52.004  | ug/l | 100    |
| 20) Methylene Chloride        | 2.84 | 84  | 487113  | 49.134  | ug/l | 100    |
| 21) trans-1,2-Dichloroethene  | 3.15 | 96  | 475517  | 49.861  | ug/l | 100    |
| 22) Diisopropyl ether         | 3.83 | 45  | 1678219 | 51.167  | ug/l | 100    |
| 23) Vinyl Acetate             | 3.79 | 43  | 6985215 | 254.737 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 3.68 | 63  | 870424  | 51.485  | ug/l | 100    |
| 25) 2-Butanone                | 4.64 | 43  | 1957471 | 259.129 | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 4.56 | 77  | 781236  | 51.427  | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 4.57 | 96  | 548186  | 51.366  | ug/l | 100    |
| 28) Bromochloromethane        | 4.99 | 49  | 410332  | 44.685  | ug/l | 100    |
| 29) Tetrahydrofuran           | 5.09 | 42  | 1303183 | 259.750 | ug/l | 100    |
| 30) Chloroform                | 5.19 | 83  | 857037  | 49.765  | ug/l | 100    |
| 31) Cyclohexane               | 5.56 | 56  | 830299  | 50.510  | ug/l | 100    |
| 32) 1,1,1-Trichloroethane     | 5.47 | 97  | 787237  | 51.795  | ug/l | 100    |
| 36) 1,1-Dichloropropene       | 5.78 | 75  | 677224  | 52.393  | ug/l | 100    |
| 37) Ethyl Acetate             | 4.80 | 43  | 780022  | 50.180  | ug/l | 100    |
| 38) Carbon Tetrachloride      | 5.76 | 117 | 676240  | 53.855  | ug/l | 100    |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042220\  
 Data File : VX015834.D  
 Acq On : 22 Apr 2020 11:06  
 Operator : JC/SP  
 Sample : VSTDICCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

Manual Integrations  
 APPROVED

MMDadoda  
 4/23/2020 11:58:08 AM

Quant Time: Apr 22 12:09:55 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X042220W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 22 11:43:26 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 39) Methylcyclohexane          | 7.45  | 83   | 826174   | 49.613  | ug/l  | 100      |
| 40) Benzene                    | 6.12  | 78   | 1986782  | 50.192  | ug/l  | 100      |
| 41) Methacrylonitrile          | 5.01  | 41   | 451139   | 61.466  | ug/l  | 100      |
| 42) 1,2-Dichloroethane         | 6.17  | 62   | 707160   | 49.698  | ug/l  | 100      |
| 43) Isopropyl Acetate          | 6.42  | 43   | 1337538  | 51.268  | ug/l  | 100      |
| 44) Trichloroethene            | 7.19  | 130  | 707396   | 51.131  | ug/l  | 100      |
| 45) 1,2-Dichloropropane        | 7.50  | 63   | 527076   | 51.258  | ug/l  | 100      |
| 46) Dibromomethane             | 7.64  | 93   | 373151   | 48.210  | ug/l  | 100      |
| 47) Bromodichloromethane       | 7.88  | 83   | 690046   | 52.691  | ug/l  | 100      |
| 48) Methyl methacrylate        | 7.75  | 41   | 666706   | 52.482  | ug/l  | 100      |
| 49) 1,4-Dioxane                | 7.72  | 88   | 234488   | 950.620 | ug/l  | 100      |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 3899807  | 257.853 | ug/l  | 100      |
| 52) Toluene                    | 8.77  | 92   | 1277692  | 50.300  | ug/l  | 100      |
| 53) t-1,3-Dichloropropene      | 9.03  | 75   | 851671   | 52.200  | ug/l  | 100      |
| 54) cis-1,3-Dichloropropene    | 8.42  | 75   | 893331   | 51.369  | ug/l  | 100      |
| 55) 1,1,2-Trichloroethane      | 9.20  | 97   | 512121   | 52.307  | ug/l  | 100      |
| 56) Ethyl methacrylate         | 9.16  | 69   | 855128   | 52.104  | ug/l  | 100      |
| 57) 1,3-Dichloropropane        | 9.36  | 76   | 868277   | 50.934  | ug/l  | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.29  | 63   | 2151664  | 259.744 | ug/l  | 100      |
| 59) 2-Hexanone                 | 9.48  | 43   | 2977038  | 260.968 | ug/l  | 100      |
| 60) Dibromochloromethane       | 9.57  | 129  | 515560   | 53.834  | ug/l  | 100      |
| 61) 1,2-Dibromoethane          | 9.65  | 107  | 542648   | 49.642  | ug/l  | 100      |
| 64) Tetrachloroethene          | 9.32  | 164  | 919918   | 48.205  | ug/l  | 100      |
| 65) Chlorobenzene              | 10.12 | 112  | 1399835  | 50.898  | ug/l  | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.21 | 131  | 535324   | 53.064  | ug/l  | 100      |
| 67) Ethyl Benzene              | 10.24 | 91   | 2463360  | 50.641  | ug/l  | 100      |
| 68) m/p-Xylenes                | 10.34 | 106  | 1855311  | 102.048 | ug/l  | 100      |
| 69) o-Xylene                   | 10.68 | 106  | 896691   | 50.245  | ug/l  | 100      |
| 70) Styrene                    | 10.70 | 104  | 1610314  | 52.490  | ug/l  | 100      |
| 71) Bromoform                  | 10.84 | 173  | 350753   | 60.409  | ug/l  | 100      |
| 73) Isopropylbenzene           | 11.01 | 105  | 2460651  | 52.416  | ug/l  | 100      |
| 74) N-amyl acetate             | 10.88 | 43   | 1218603  | 50.936  | ug/l  | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 11.26 | 83   | 511518   | 52.878  | ug/l  | 100      |
| 76) 1,2,3-Trichloropropane     | 11.28 | 75   | 718181m  | 42.381  | ug/l  |          |
| 77) Bromobenzene               | 11.24 | 156  | 664630   | 52.238  | ug/l  | 100      |
| 78) n-propylbenzene            | 11.34 | 91   | 2781748  | 51.669  | ug/l  | 100      |
| 79) 2-Chlorotoluene            | 11.41 | 91   | 1650500  | 51.494  | ug/l  | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.49 | 105  | 2081537  | 52.470  | ug/l  | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.06 | 75   | 302060   | 55.784  | ug/l  | 100      |
| 82) 4-Chlorotoluene            | 11.49 | 91   | 1943200  | 50.842  | ug/l  | 100      |
| 83) tert-Butylbenzene          | 11.76 | 119  | 1843323  | 52.248  | ug/l  | 100      |
| 84) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 2121820  | 51.436  | ug/l  | 100      |
| 85) sec-Butylbenzene           | 11.93 | 105  | 2394752  | 51.383  | ug/l  | 100      |
| 86) p-Isopropyltoluene         | 12.05 | 119  | 2256554  | 52.013  | ug/l  | 100      |
| 87) 1,3-Dichlorobenzene        | 12.01 | 146  | 1203770  | 51.398  | ug/l  | 100      |
| 88) 1,4-Dichlorobenzene        | 12.09 | 146  | 1143113  | 48.977  | ug/l  | 100      |
| 89) n-Butylbenzene             | 12.37 | 91   | 1980949  | 51.234  | ug/l  | 100      |
| 90) Hexachloroethane           | 12.58 | 117  | 247020   | 64.591  | ug/l  | 100      |
| 91) 1,2-Dichlorobenzene        | 12.38 | 146  | 1127905  | 51.077  | ug/l  | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75   | 144153   | 51.885  | ug/l  | 100      |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042220\  
 Data File : VX015834.D  
 Acq On : 22 Apr 2020 11:06  
 Operator : JC/SP  
 Sample : VSTDICCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

Manual Integrations  
 APPROVED

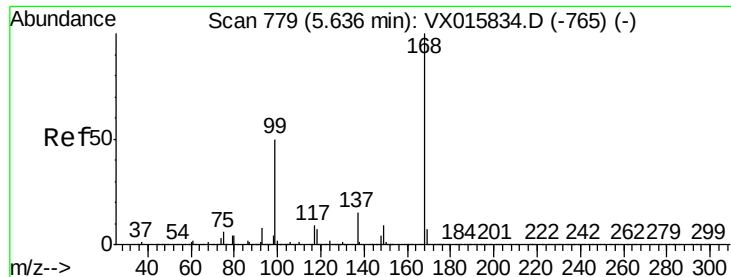
MMDadoda  
 4/23/2020 11:58:08 AM

Quant Time: Apr 22 12:09:55 2020  
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X042220W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 22 11:43:26 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.63 | 180  | 897280   | 51.458 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 13.77 | 225  | 395208   | 50.943 | ug/l  | 100      |
| 95) Naphthalene            | 13.82 | 128  | 2637049  | 52.706 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.01 | 180  | 869505   | 51.566 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.00 min

Lab File: VX015834.D

Acq: 22 Apr 2020 11:06

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 972757

Ion Ratio Lower Upper

168 100

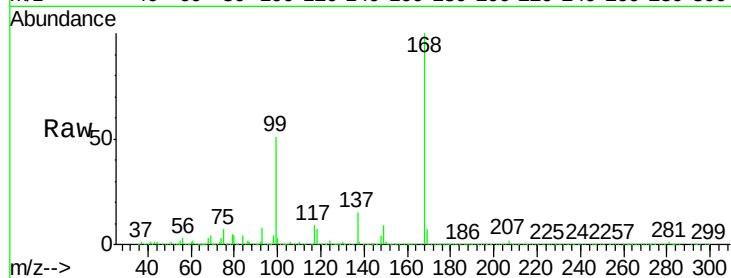
99 50.4 40.3 60.5

Manual Integrations

APPROVED

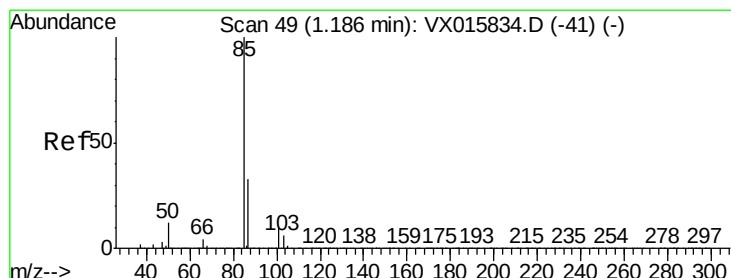
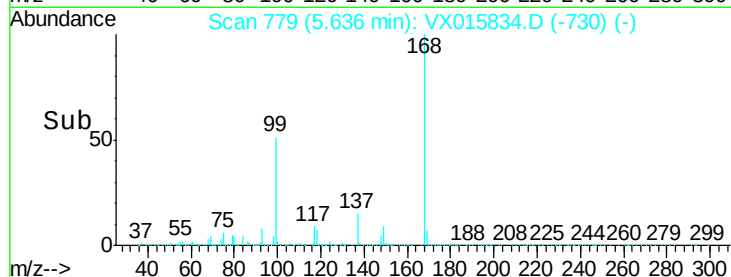
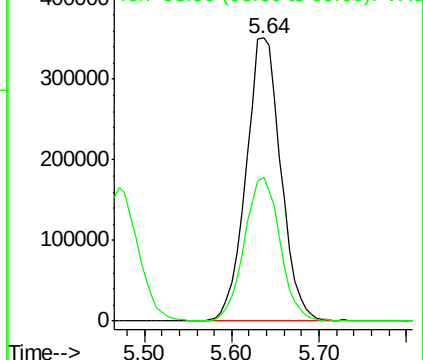
MMDadoda

4/23/2020 11:58:08 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 60.864 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX015834.D

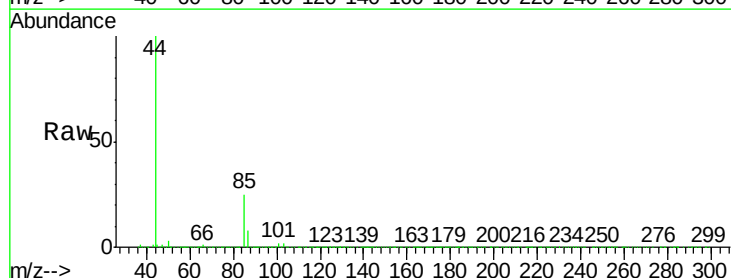
Acq: 22 Apr 2020 11:06

Tgt Ion: 85 Resp: 478639

Ion Ratio Lower Upper

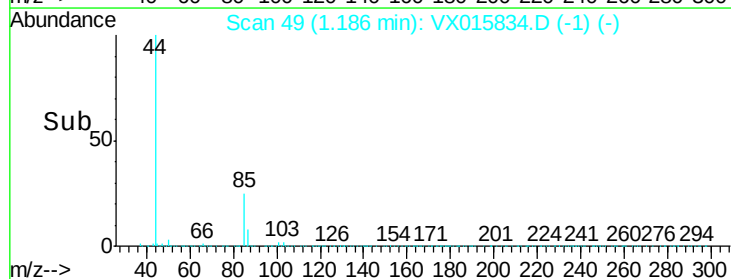
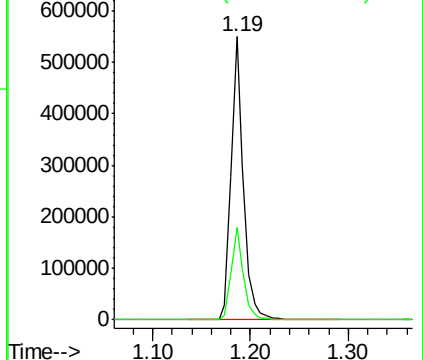
85 100

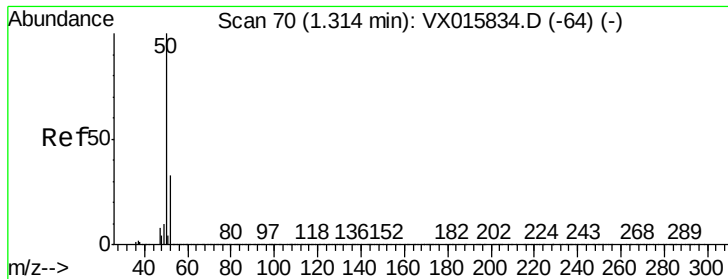
87 32.8 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 53.412 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015834.D

Acq: 22 Apr 2020 11:06

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 444913

Ion Ratio Lower Upper

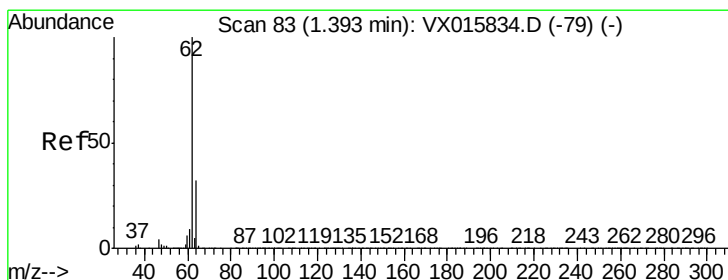
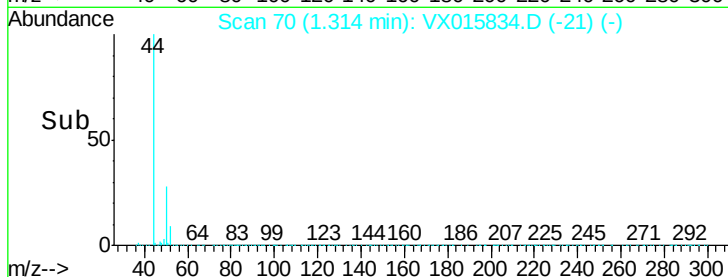
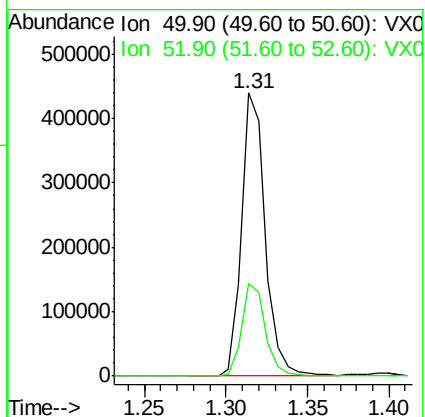
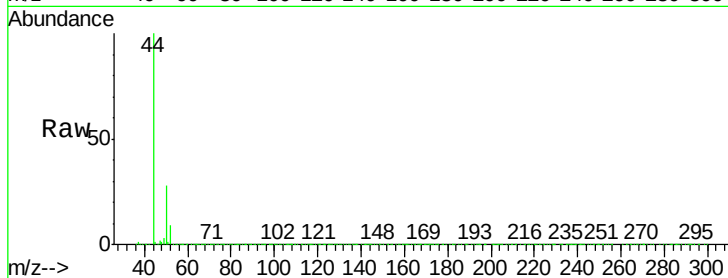
50 100

52 32.8 26.2 39.4

Manual Integrations  
APPROVED

MMDadoda

4/23/2020 11:58:08 AM



#4

Vinyl Chloride

Concen: 51.312 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015834.D

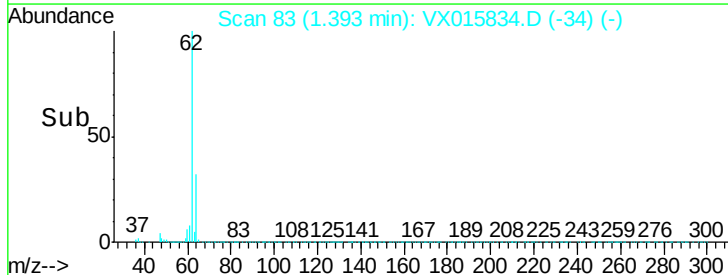
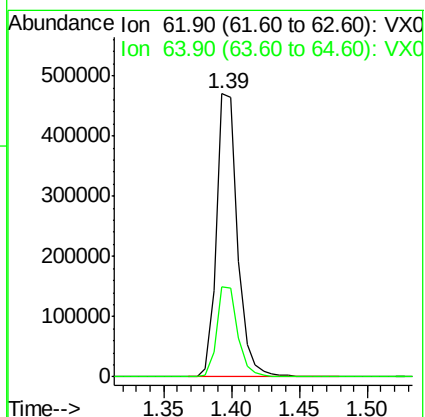
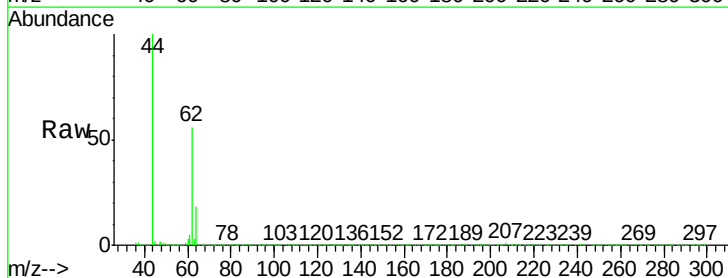
Acq: 22 Apr 2020 11:06

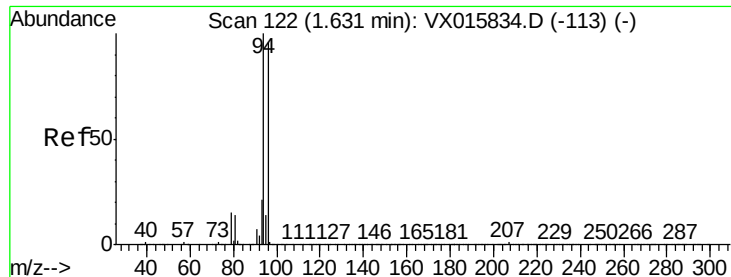
Tgt Ion: 62 Resp: 503645

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.2





#5

Bromomethane

Concen: 48.526 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX015834.D

Acq: 22 Apr 2020 11:06

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 191941

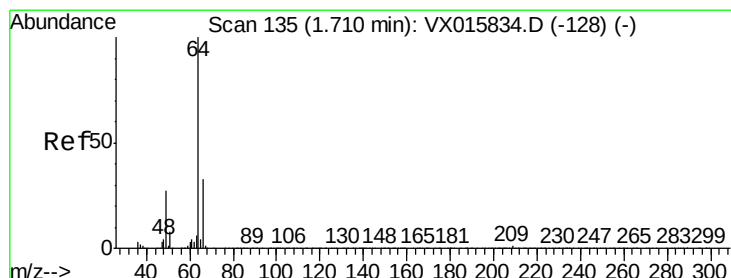
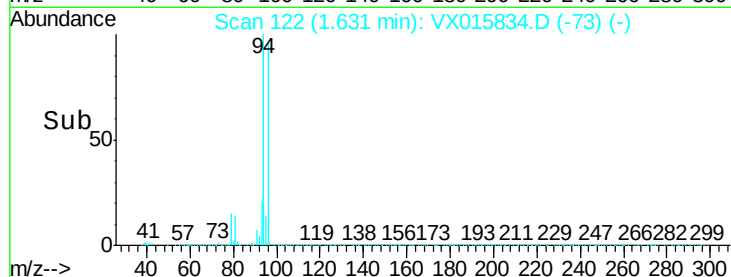
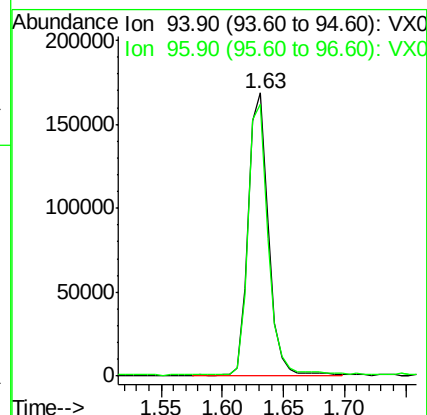
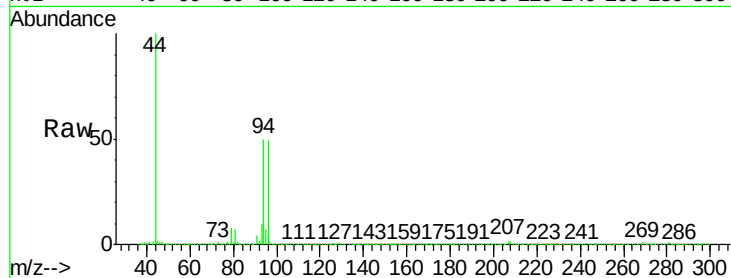
Ion Ratio Lower Upper

94 100

96 95.9 76.7 115.1

Manual Integrations  
APPROVED

MMDadoda  
4/23/2020 11:58:08 AM



#6

Chloroethane

Concen: 51.262 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX015834.D

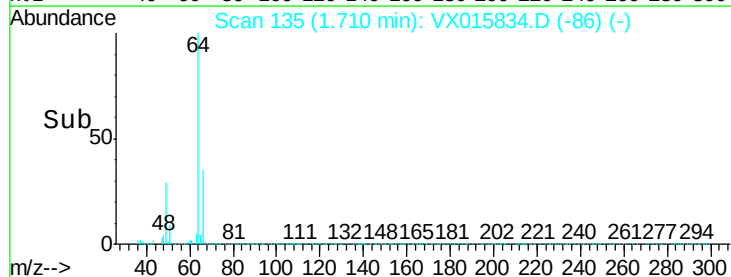
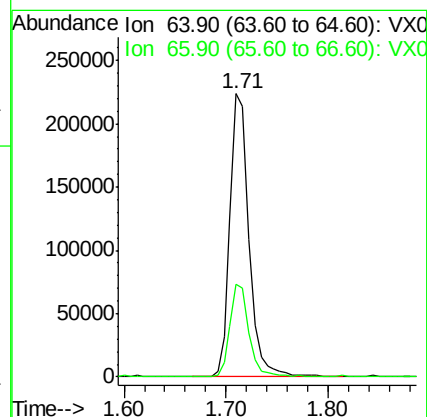
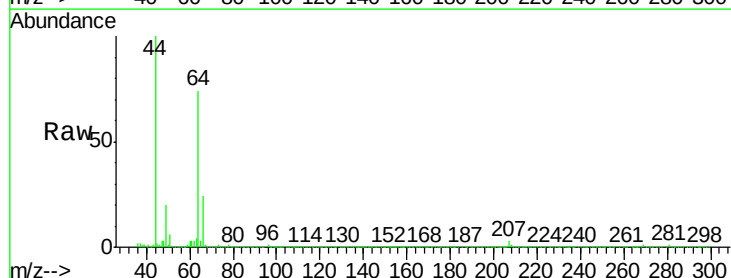
Acq: 22 Apr 2020 11:06

Tgt Ion: 64 Resp: 288553

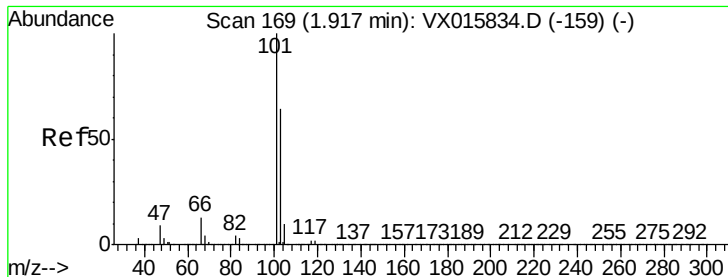
Ion Ratio Lower Upper

64 100

66 32.7 26.2 39.2







#7

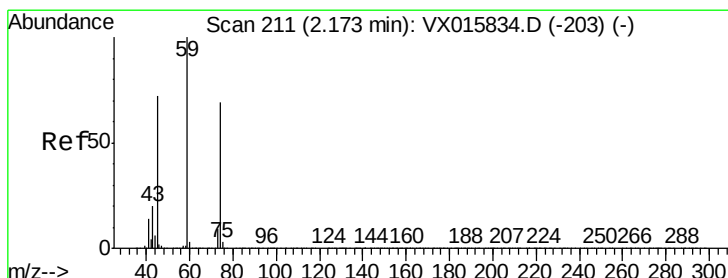
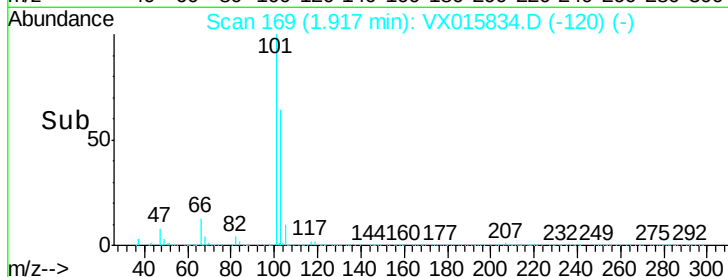
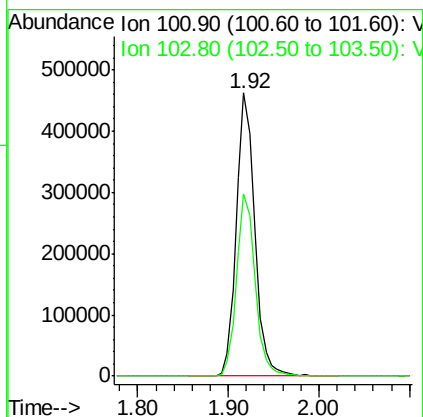
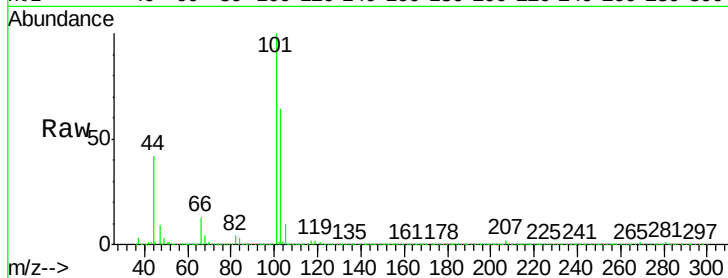
Trichlorofluoromethane  
Concen: 52.838 ug/l  
RT: 1.92 min Scan# 169  
Delta R.T. 0.00 min  
Lab File: VX015834.D  
Acq: 22 Apr 2020 11:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 64.2  | 51.4  | 77.0  |

Manual Integrations  
APPROVED

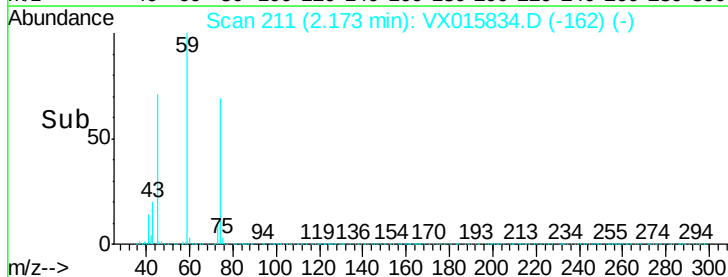
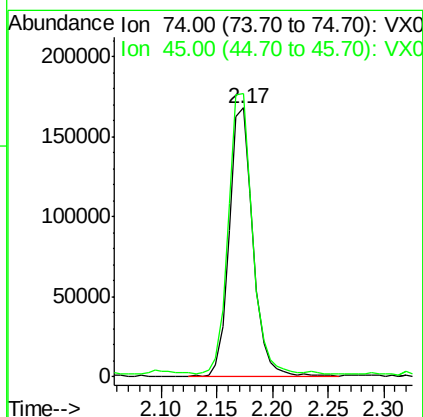
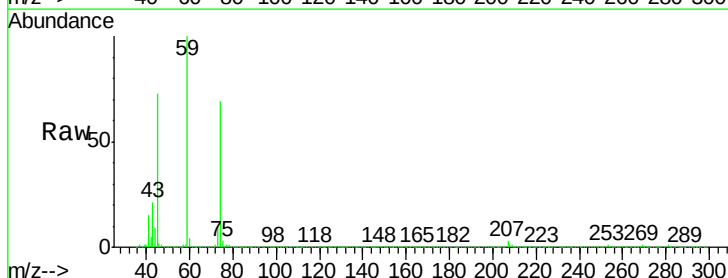
MMDadoda  
4/23/2020 11:58:08 AM



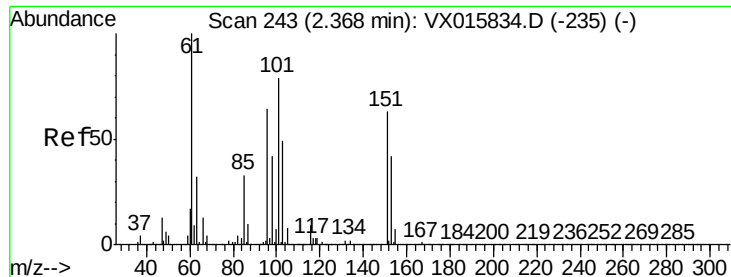
#8

Diethyl Ether  
Concen: 49.055 ug/l  
RT: 2.17 min Scan# 211  
Delta R.T. 0.00 min  
Lab File: VX015834.D  
Acq: 22 Apr 2020 11:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 107.6 | 53.8  | 161.4 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.967 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015834.D

Acq: 22 Apr 2020 11:06

Instrument :

MSVOA\_X

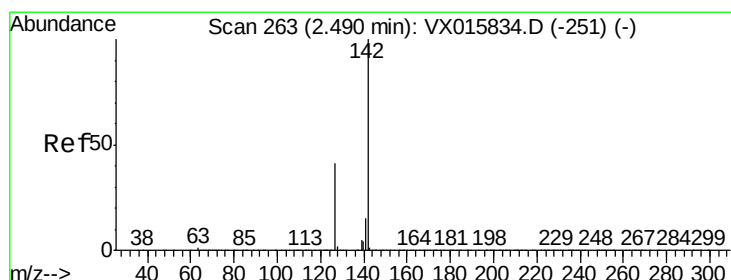
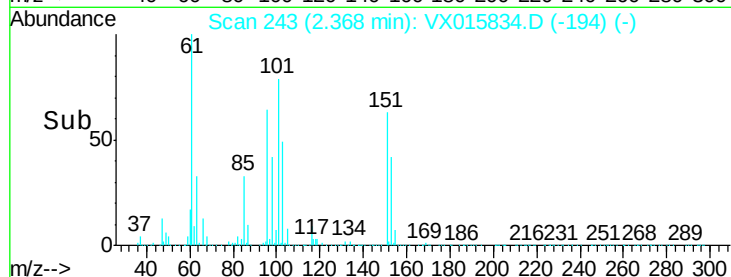
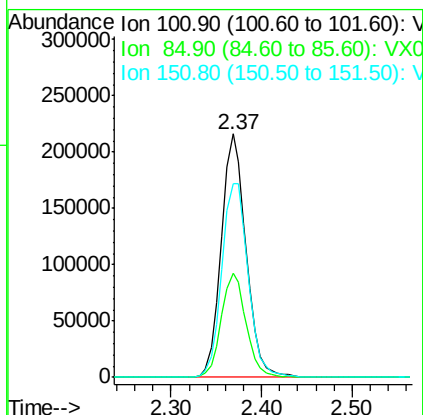
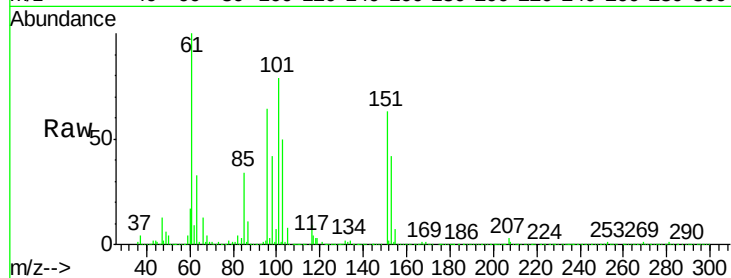
ClientSampleId :

VSTDICCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 410597 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 42.2  | 33.8  | 50.6   |
| 151       | 84.7  | 67.8  | 101.6  |

Manual Integrations  
APPROVED

MMDadoda  
4/23/2020 11:58:08 AM



#10

Methyl Iodide

Concen: 54.642 ug/l

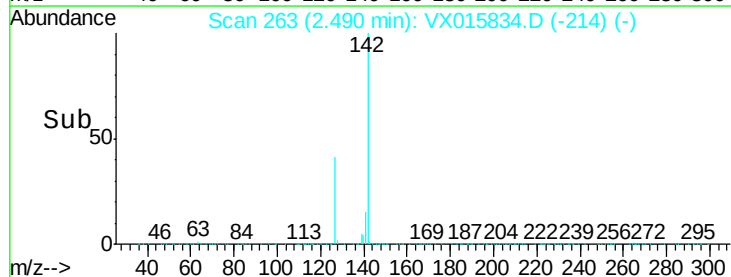
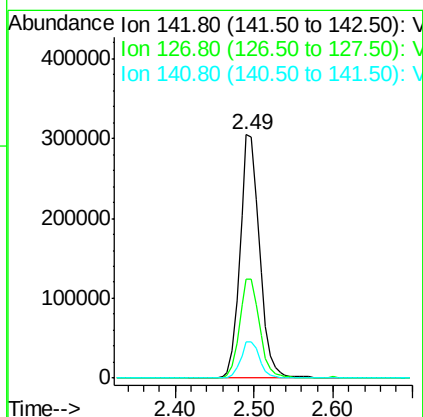
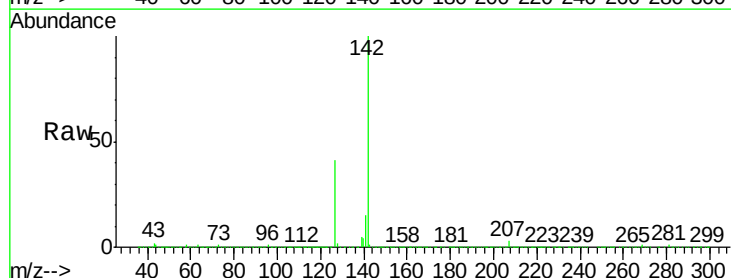
RT: 2.49 min Scan# 263

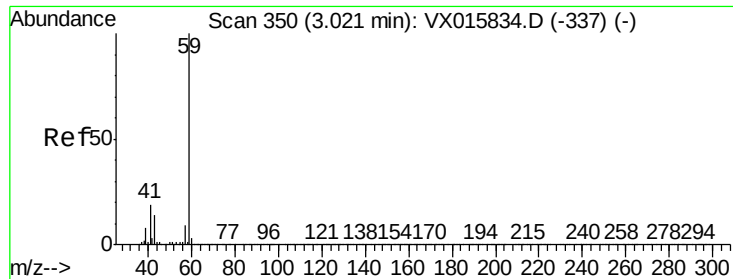
Delta R.T. 0.00 min

Lab File: VX015834.D

Acq: 22 Apr 2020 11:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 525605 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 41.6  | 33.3  | 49.9   |
| 141       | 14.7  | 11.8  | 17.6   |





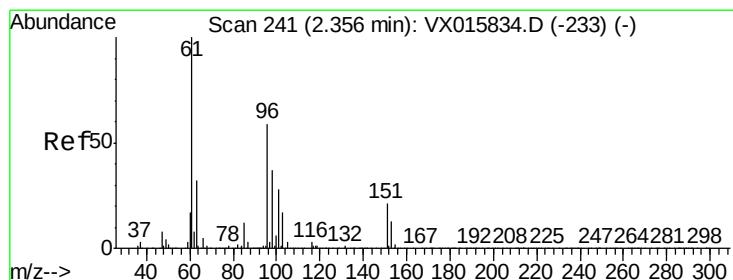
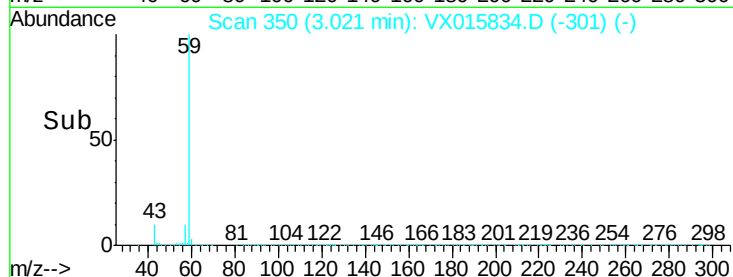
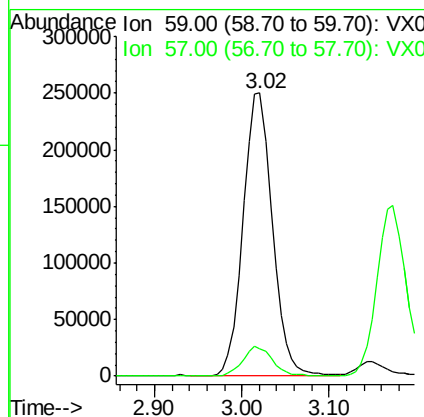
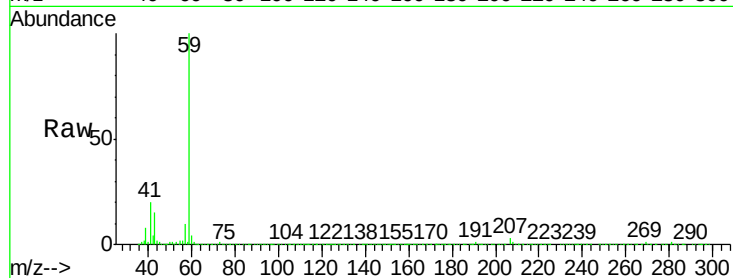
#11  
Tert butyl alcohol  
Concen: 265.972 ug/l  
RT: 3.02 min Scan# 350  
Delta R.T. 0.00 min  
Lab File: VX015834.D  
Acq: 22 Apr 2020 11:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.2  | 8.2   | 12.2  |

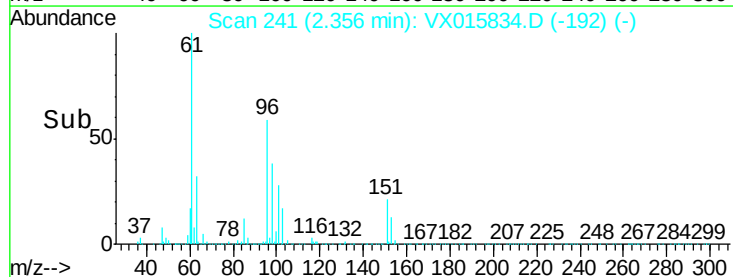
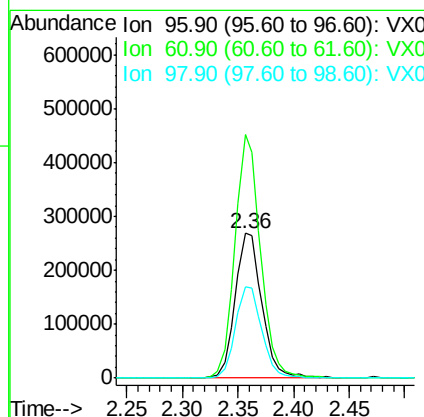
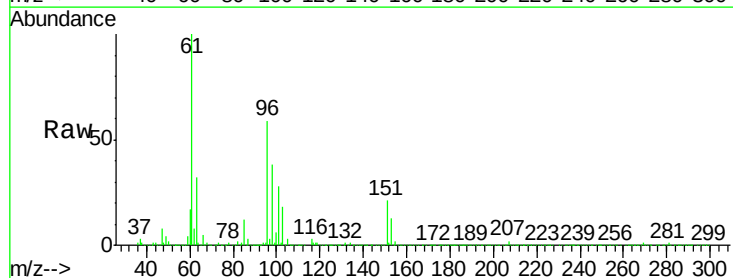
Manual Integrations  
APPROVED

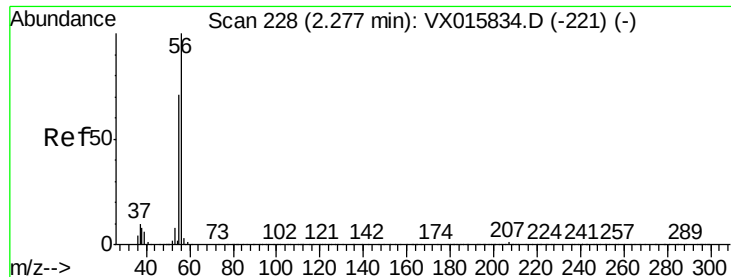
MMDadoda  
4/23/2020 11:58:08 AM



#12  
1,1-Dichloroethene  
Concen: 51.507 ug/l  
RT: 2.36 min Scan# 241  
Delta R.T. 0.00 min  
Lab File: VX015834.D  
Acq: 22 Apr 2020 11:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 168.8 | 135.0 | 202.6 |
| 98      | 63.3  | 50.6  | 76.0  |





#13

Acrolein

Concen: 245.142 ug/l

RT: 2.28 min Scan# 228

Delta R.T. 0.00 min

Lab File: VX015834.D

Acq: 22 Apr 2020 11:06

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 329238

Ion Ratio Lower Upper

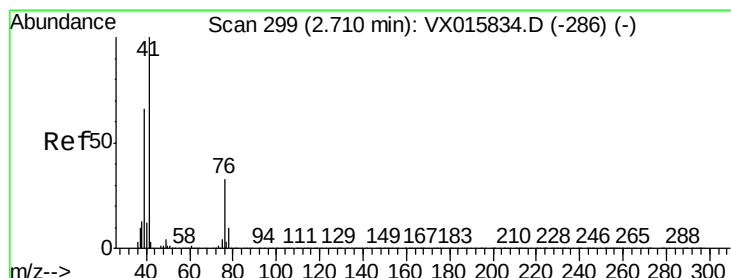
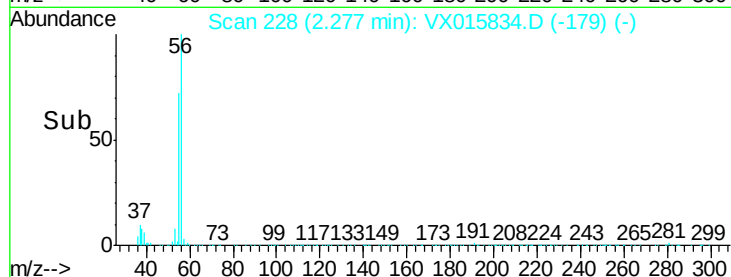
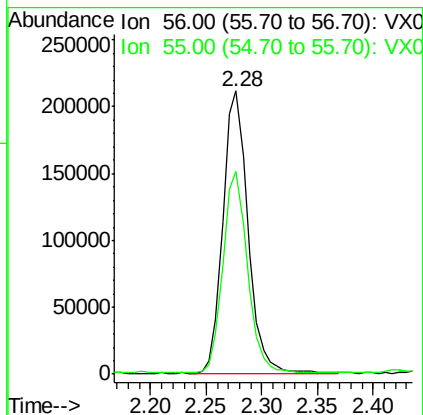
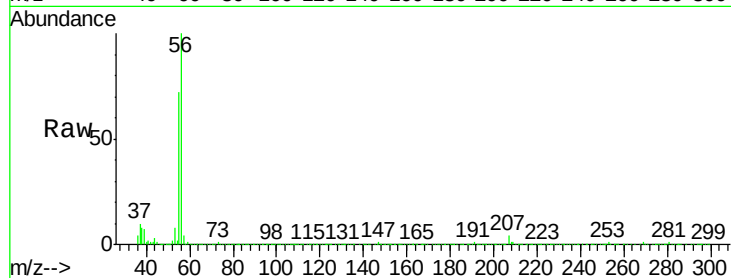
56 100

55 70.1 56.1 84.1

Manual Integrations  
APPROVED

MMDadoda

4/23/2020 11:58:08 AM



#14

Allyl chloride

Concen: 51.656 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.00 min

Lab File: VX015834.D

Acq: 22 Apr 2020 11:06

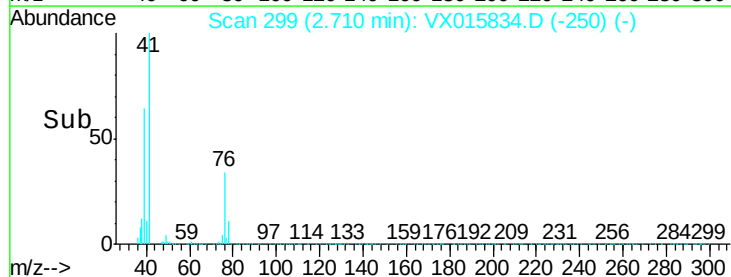
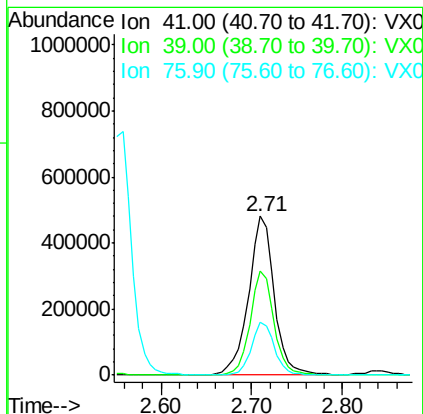
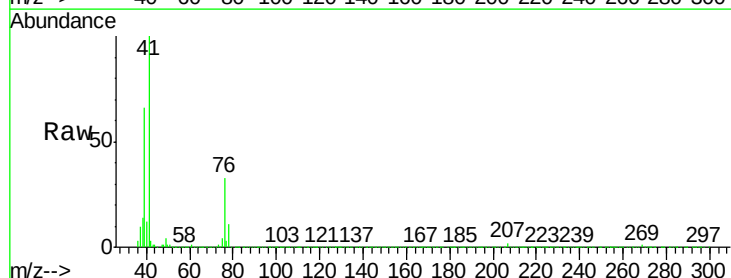
Tgt Ion: 41 Resp: 941272

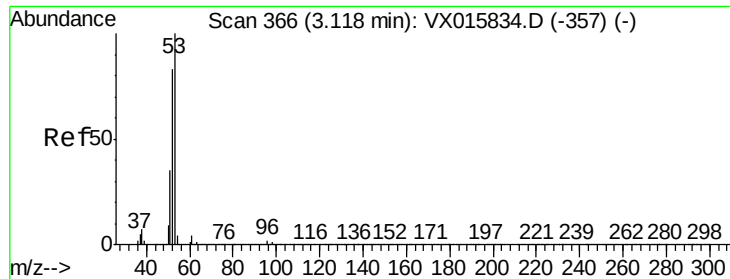
Ion Ratio Lower Upper

41 100

39 60.5 48.4 72.6

76 29.8 23.8 35.8





#15

Acrylonitrile

Concen: 265.382 ug/l

RT: 3.12 min Scan# 366

Delta R.T. 0.00 min

Lab File: VX015834.D

Acq: 22 Apr 2020 11:06

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

Tot Ion: 53 Resp: 1374625

Ion Ratio Lower Upper

53 100

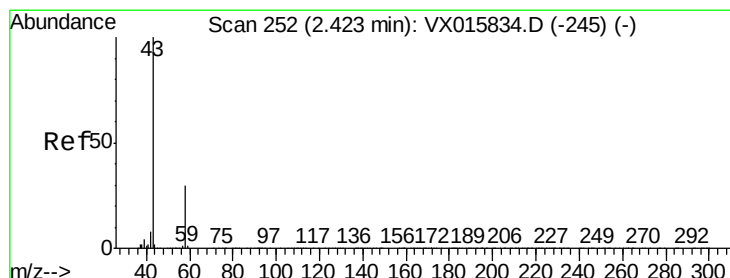
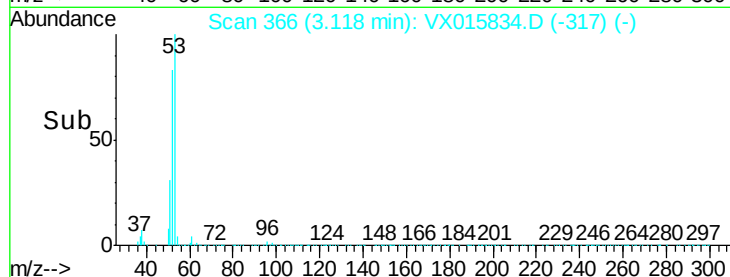
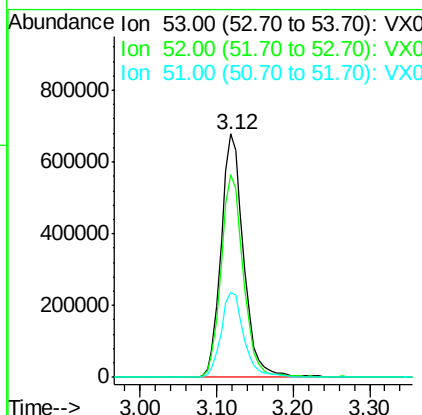
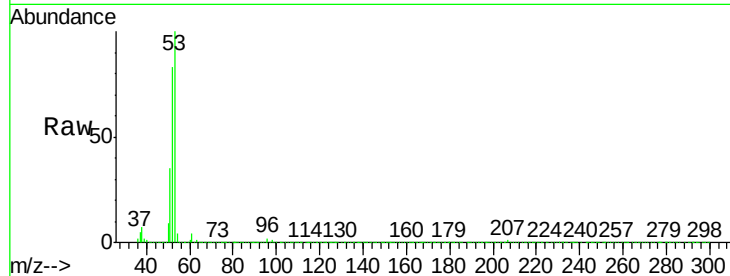
52 82.8 66.2 99.4

51 35.8 28.6 43.0

Manual Integrations  
APPROVED

MMDadoda

4/23/2020 11:58:08 AM



#16

Acetone

Concen: 228.163 ug/l

RT: 2.42 min Scan# 252

Delta R.T. 0.00 min

Lab File: VX015834.D

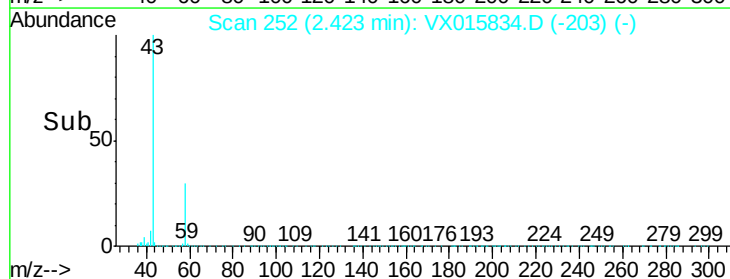
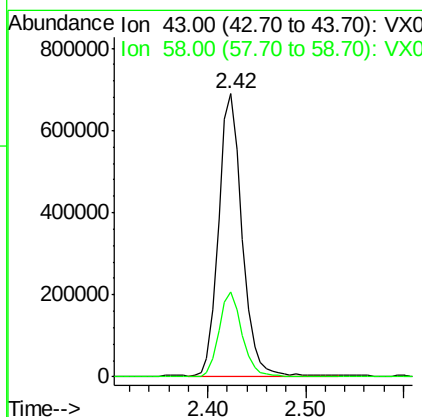
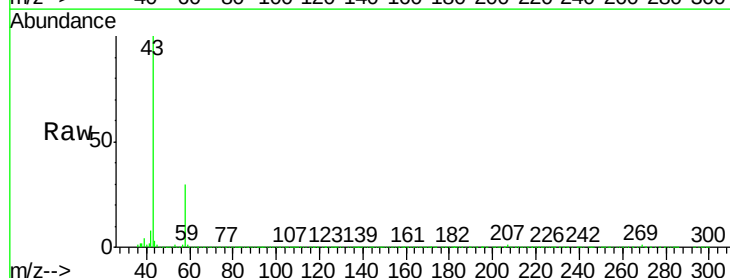
Acq: 22 Apr 2020 11:06

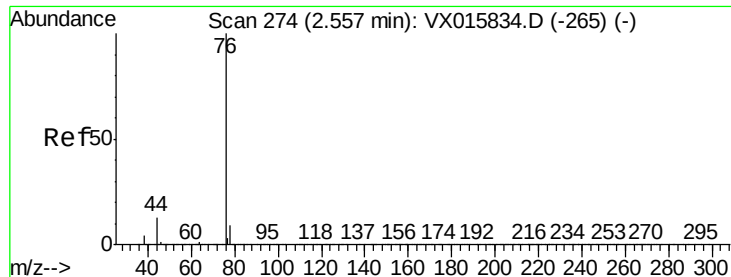
Tgt Ion: 43 Resp: 1140035

Ion Ratio Lower Upper

43 100

58 30.0 24.0 36.0





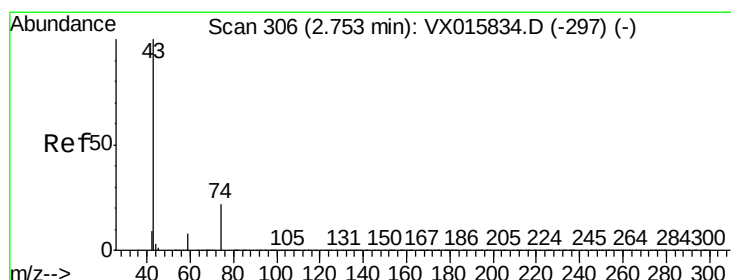
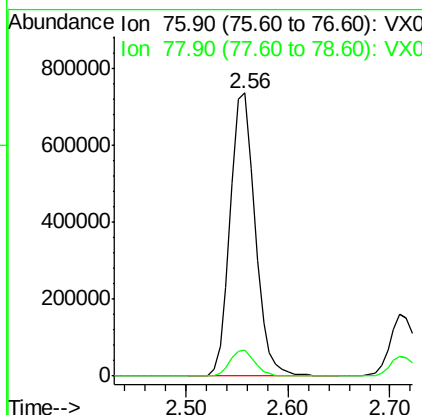
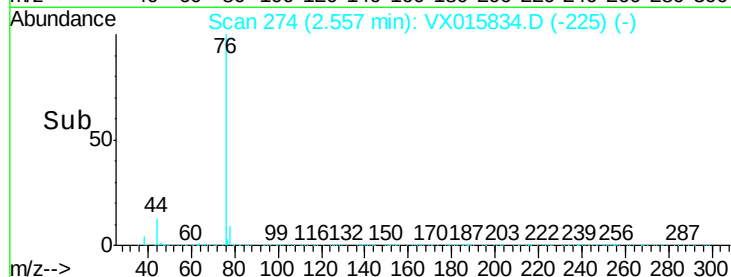
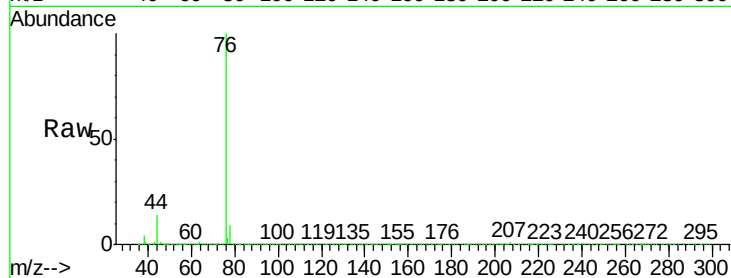
#17  
Carbon Disulfide  
Concen: 36.165 ug/l  
RT: 2.56 min Scan# 274  
Delta R.T. 0.00 min  
Lab File: VX015834.D  
Acq: 22 Apr 2020 11:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

Tot Ion: 76 Resp: 1246964  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.4 11.2

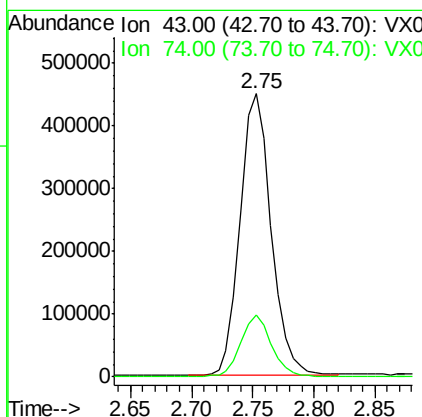
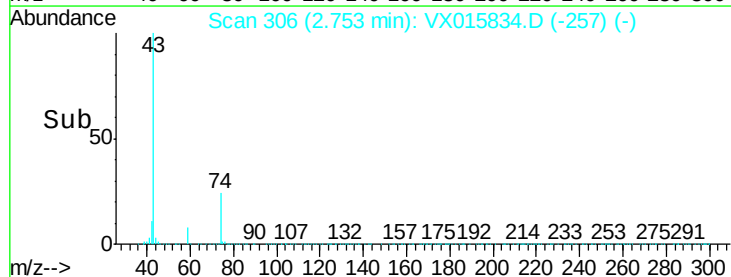
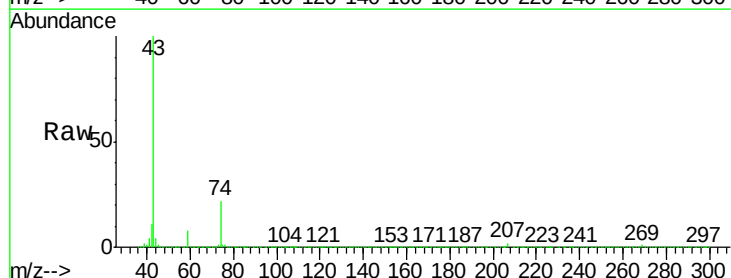
Manual Integrations  
APPROVED

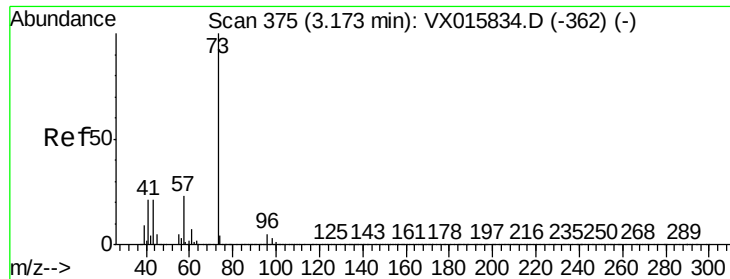
MMDadoda  
4/23/2020 11:58:08 AM



#18  
Methyl Acetate  
Concen: 50.292 ug/l  
RT: 2.75 min Scan# 306  
Delta R.T. 0.00 min  
Lab File: VX015834.D  
Acq: 22 Apr 2020 11:06

Tgt Ion: 43 Resp: 797343  
Ion Ratio Lower Upper  
43 100  
74 22.4 17.9 26.9





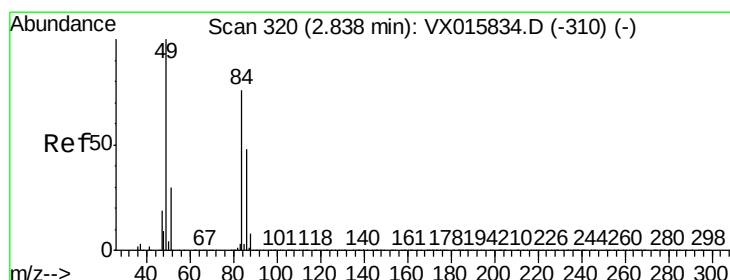
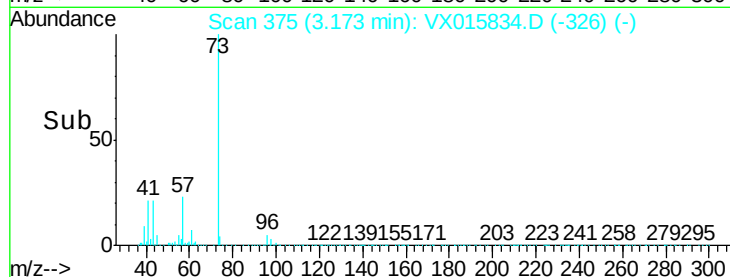
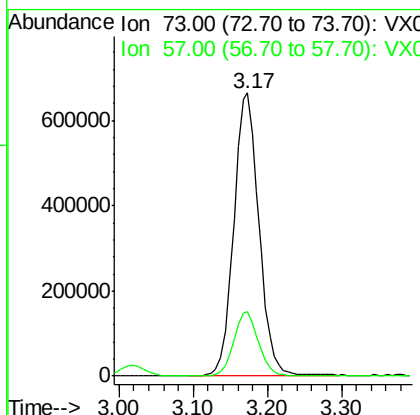
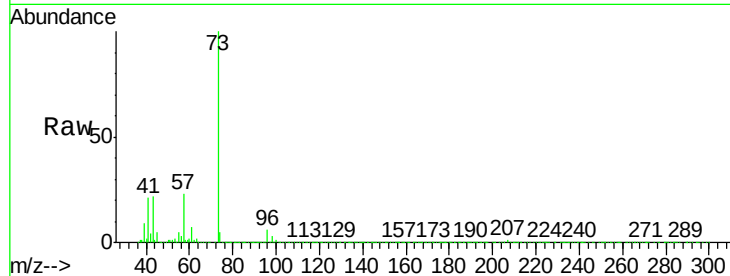
#19  
Methyl tert-butyl Ether  
Concen: 52.004 ug/l  
RT: 3.17 min Scan# 375  
Delta R.T. 0.00 min  
Lab File: VX015834.D  
Acq: 22 Apr 2020 11:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

Tot Ion: 73 Resp: 1555986  
Ion Ratio Lower Upper  
73 100  
57 22.6 18.1 27.1

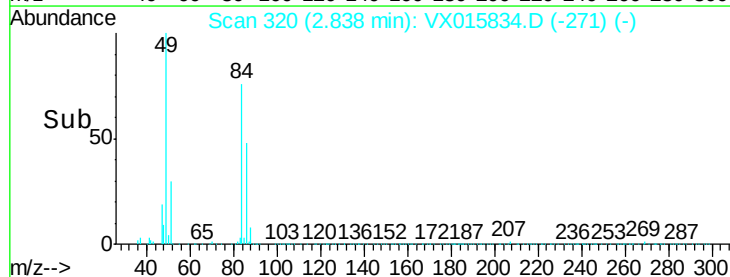
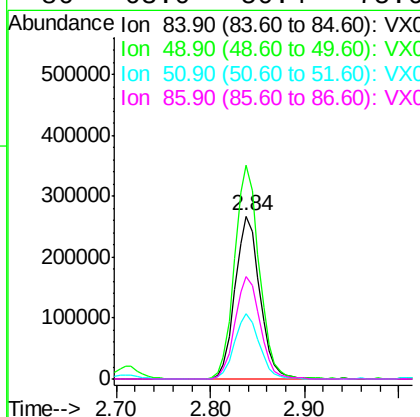
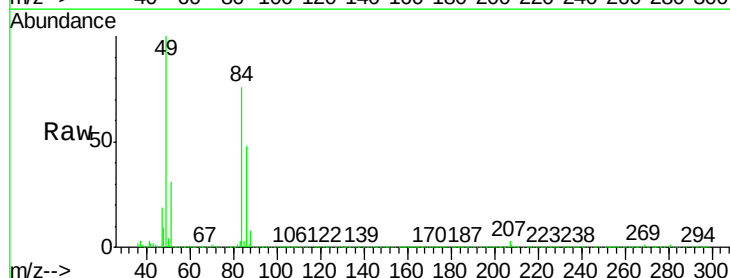
Manual Integrations  
APPROVED

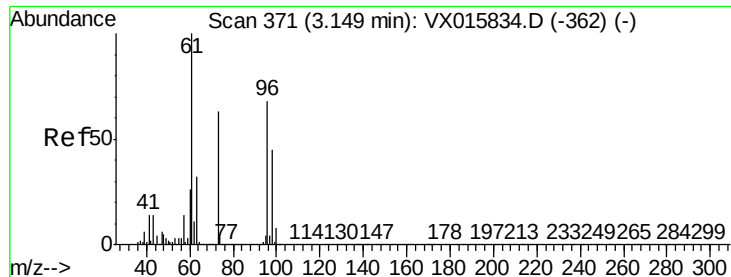
MMDadoda  
4/23/2020 11:58:08 AM



#20  
Methylene Chloride  
Concen: 49.134 ug/l  
RT: 2.84 min Scan# 320  
Delta R.T. 0.00 min  
Lab File: VX015834.D  
Acq: 22 Apr 2020 11:06

Tgt Ion: 84 Resp: 487113  
Ion Ratio Lower Upper  
84 100  
49 131.1 104.9 157.3  
51 40.0 32.0 48.0  
86 63.0 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 49.861 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.00 min

Lab File: VX015834.D

Acq: 22 Apr 2020 11:06

Instrument :

MSVOA\_X

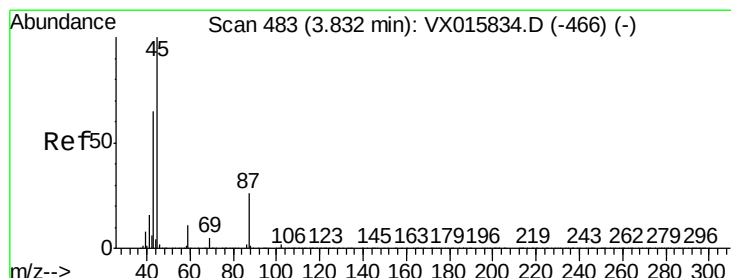
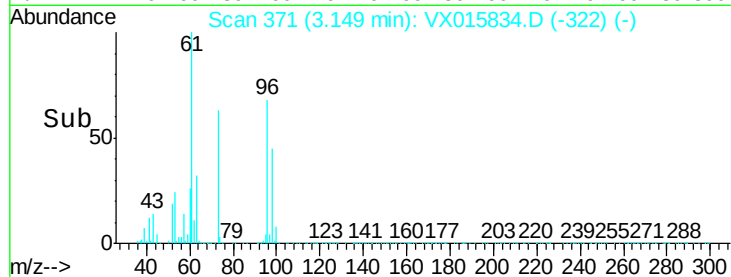
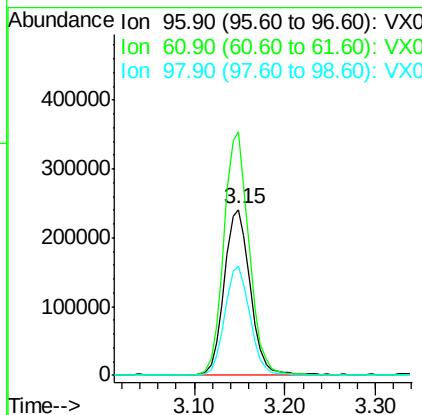
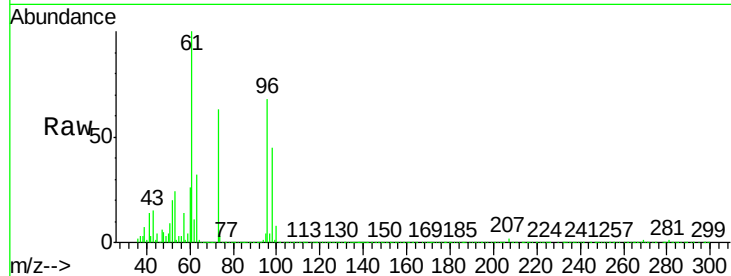
ClientSampleId :

VSTDICCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 475517 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 146.9 | 117.5 | 176.3  |
| 98       | 65.9  | 52.7  | 79.1   |

Manual Integrations  
APPROVED

MMDadoda  
4/23/2020 11:58:08 AM



#22

Diisopropyl ether

Concen: 51.167 ug/l

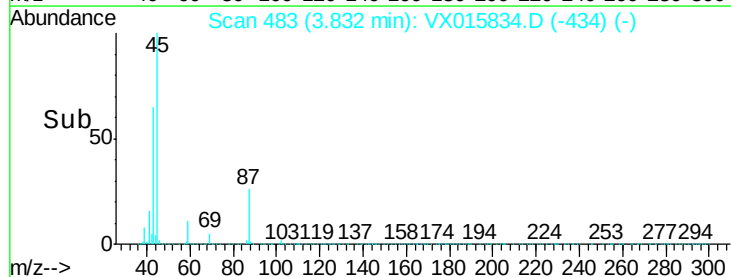
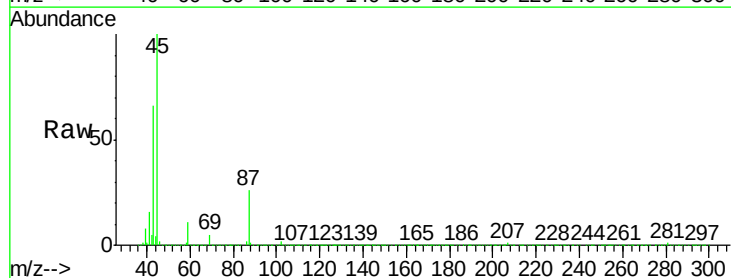
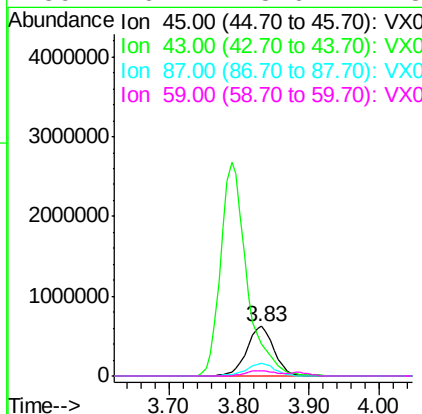
RT: 3.83 min Scan# 483

Delta R.T. 0.00 min

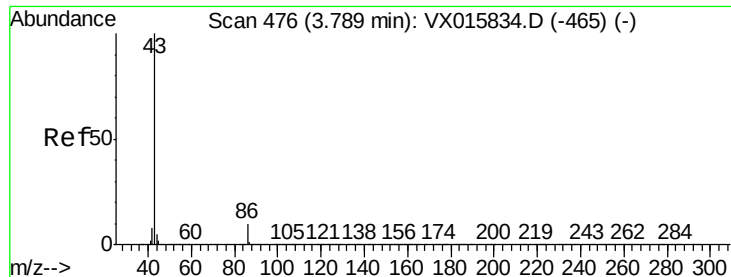
Lab File: VX015834.D

Acq: 22 Apr 2020 11:06

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 45    | Resp: | 1678219 |
| Ion      | Ratio | Lower | Upper   |
| 45       | 100   |       |         |
| 43       | 65.5  | 52.4  | 78.6    |
| 87       | 25.9  | 20.7  | 31.1    |
| 59       | 10.7  | 8.6   | 12.8    |







#23

Vinyl Acetate

Concen: 254.737 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

Lab File: VX015834.D

Acq: 22 Apr 2020 11:06

Tot Ion: 43 Resp: 6985215

Ion Ratio Lower Upper

43 100

86 10.0 8.0 12.0

Instrument :

MSVOA\_X

ClientSampleId :

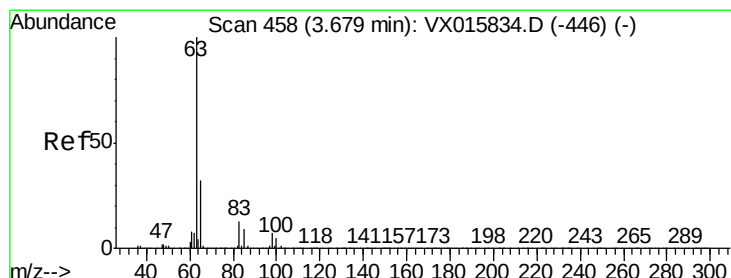
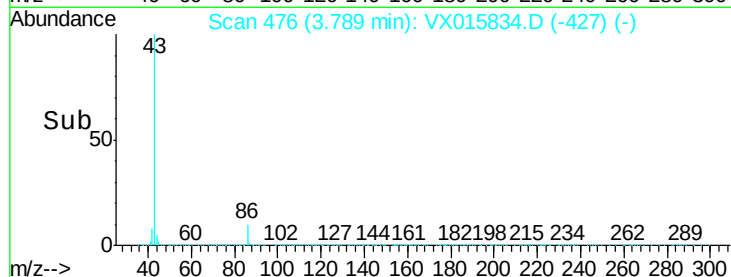
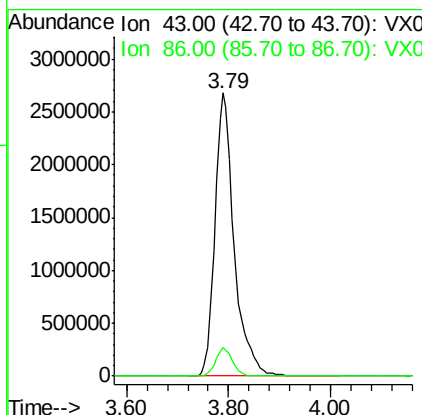
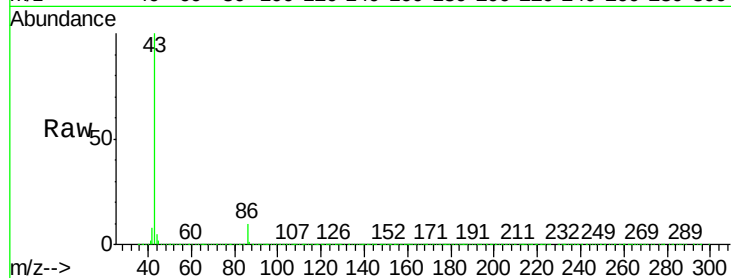
VSTDICCC050

Manual Integrations

APPROVED

MMDadoda

4/23/2020 11:58:08 AM



#24

1,1-Dichloroethane

Concen: 51.485 ug/l

RT: 3.68 min Scan# 458

Delta R.T. 0.00 min

Lab File: VX015834.D

Acq: 22 Apr 2020 11:06

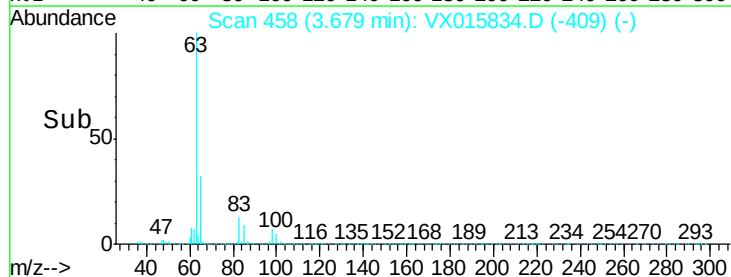
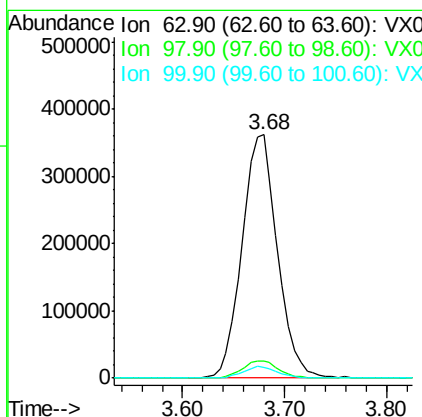
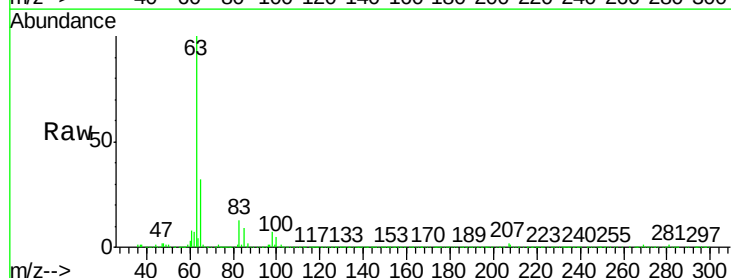
Tgt Ion: 63 Resp: 870424

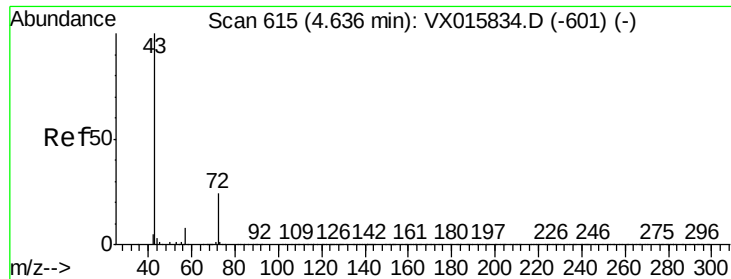
Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

100 4.5 2.3 6.8





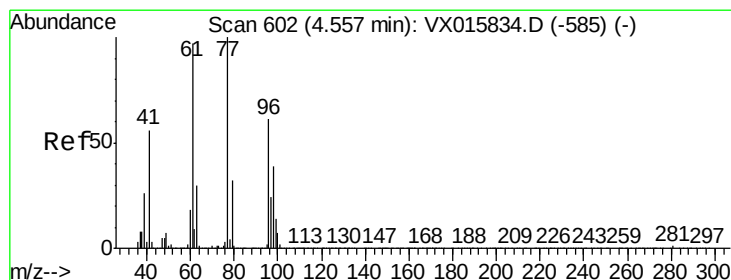
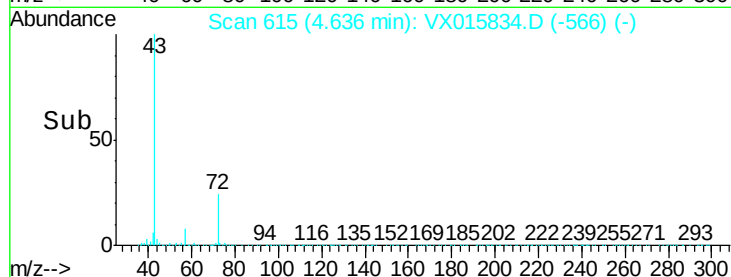
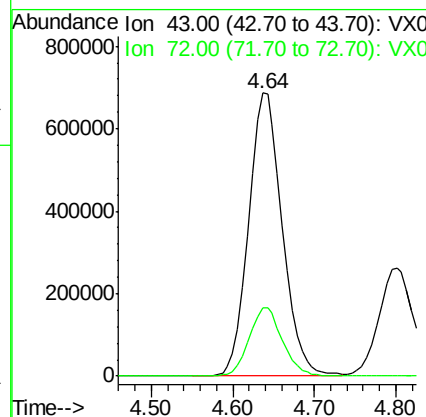
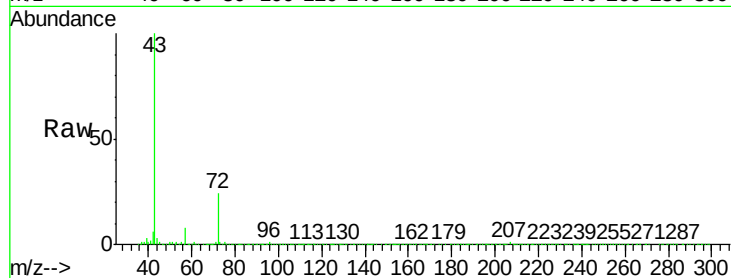
#25  
2-Butanone  
Concen: 259.129 ug/l  
RT: 4.64 min Scan# 615  
Delta R.T. 0.00 min  
Lab File: VX015834.D  
Acq: 22 Apr 2020 11:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

Tot Ion: 43 Resp: 1957471  
Ion Ratio Lower Upper  
43 100  
72 24.3 19.4 29.2

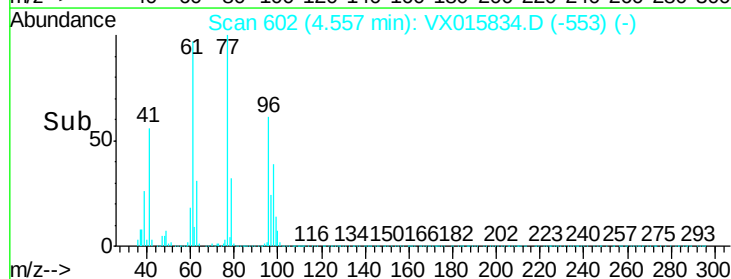
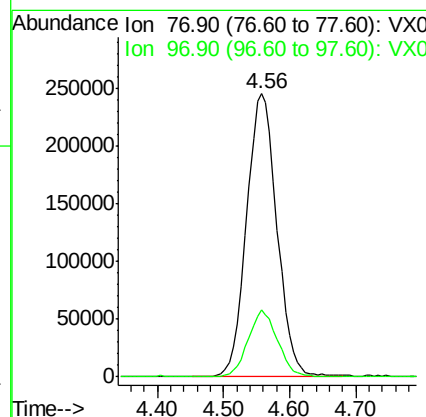
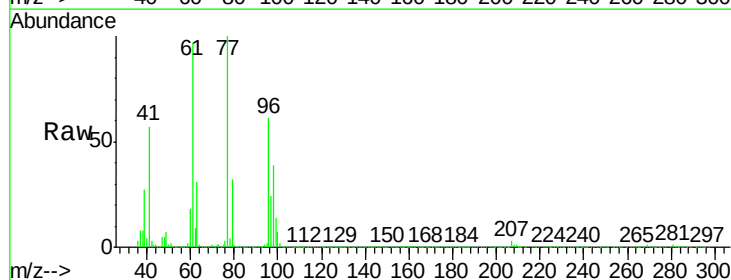
Manual Integrations  
APPROVED

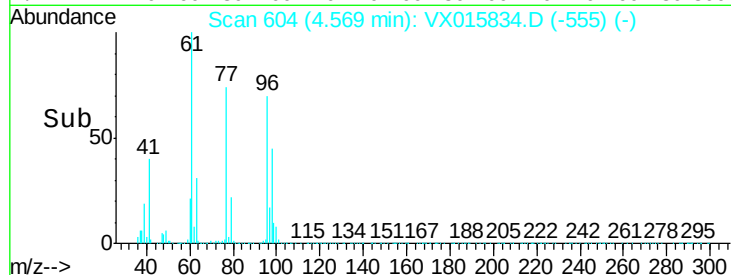
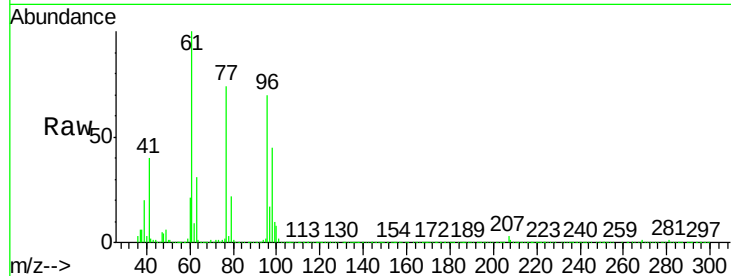
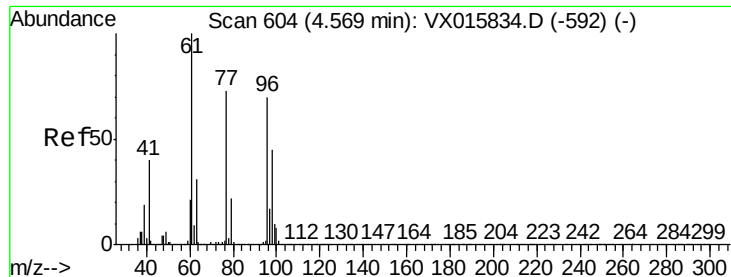
MMDadoda  
4/23/2020 11:58:08 AM



#26  
2,2-Dichloropropane  
Concen: 51.427 ug/l  
RT: 4.56 min Scan# 602  
Delta R.T. 0.00 min  
Lab File: VX015834.D  
Acq: 22 Apr 2020 11:06

Tgt Ion: 77 Resp: 781236  
Ion Ratio Lower Upper  
77 100  
97 22.7 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 51.366 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX015834.D

Acq: 22 Apr 2020 11:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 96    | Resp: | 548186 |
| Ion Ratio | Lower | Upper |        |
| 96        | 100   |       |        |
| 61        | 149.7 | 0.0   | 299.4  |
| 98        | 64.8  | 0.0   | 129.6  |

Instrument :

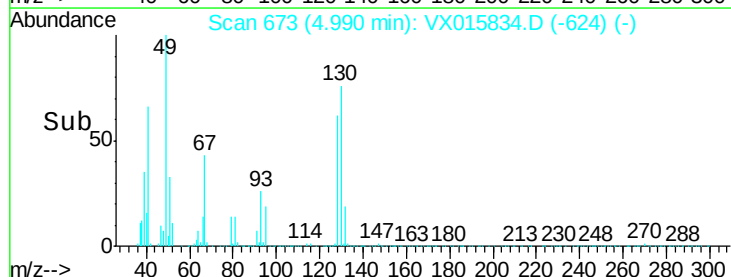
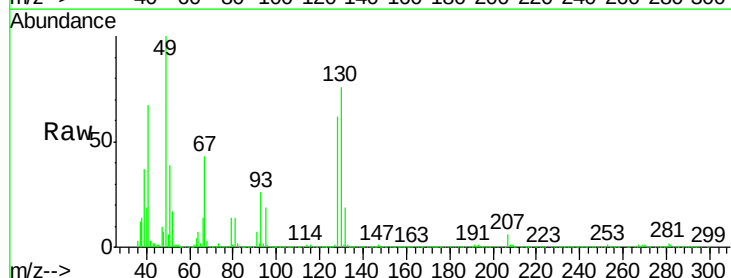
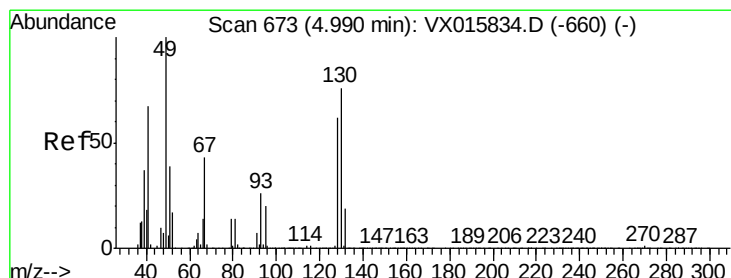
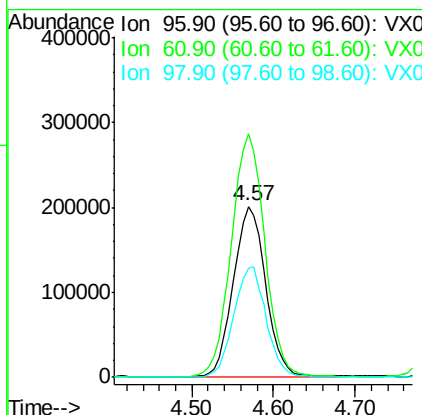
MSVOA\_X

ClientSampleId :

VSTDICCC050

Manual Integrations  
APPROVED

MMDadoda  
4/23/2020 11:58:08 AM



#28

Bromochloromethane

Concen: 44.685 ug/l

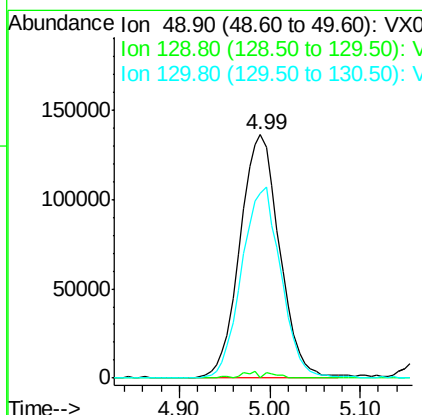
RT: 4.99 min Scan# 673

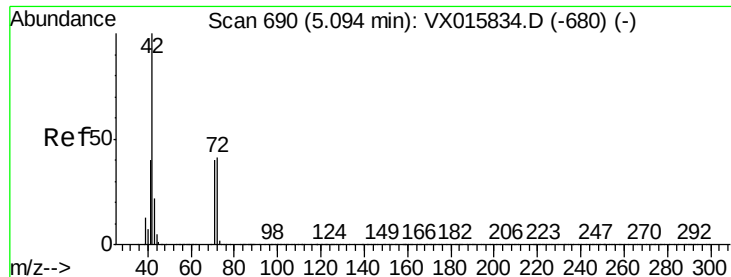
Delta R.T. 0.00 min

Lab File: VX015834.D

Acq: 22 Apr 2020 11:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 49    | Resp: | 410332 |
| Ion Ratio | Lower | Upper |        |
| 49        | 100   |       |        |
| 129       | 0.9   | 0.0   | 1.8    |
| 130       | 78.0  | 62.4  | 93.6   |





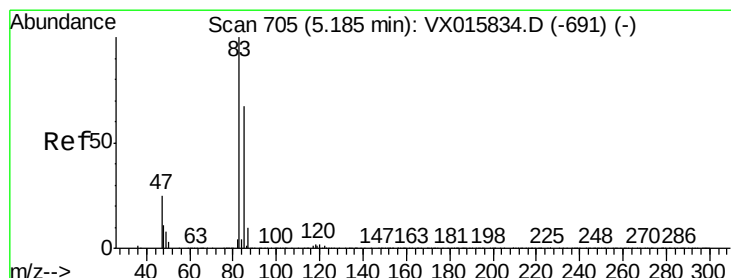
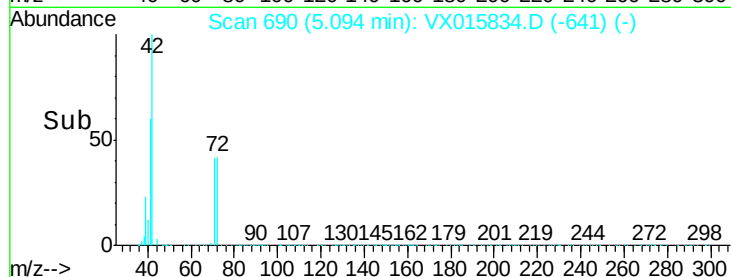
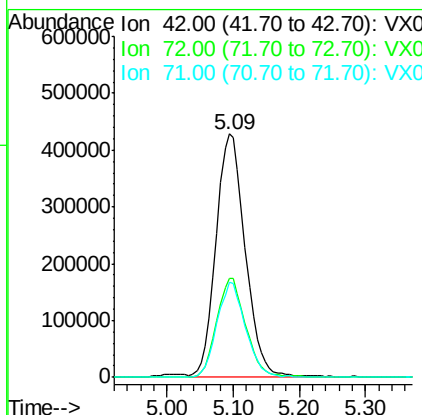
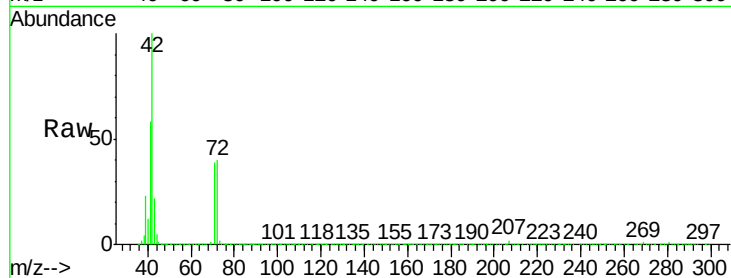
#29  
Tetrahydrofuran  
Concen: 259.750 ug/l  
RT: 5.09 min Scan# 690  
Delta R.T. 0.00 min  
Lab File: VX015834.D  
Acq: 22 Apr 2020 11:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

Tot Ion: 42 Resp: 1303183  
Ion Ratio Lower Upper  
42 100  
72 41.3 33.0 49.6  
71 38.2 30.6 45.8

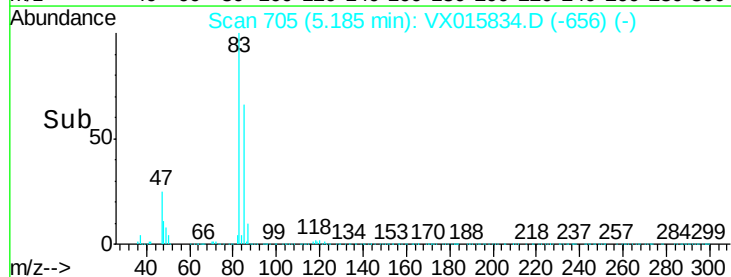
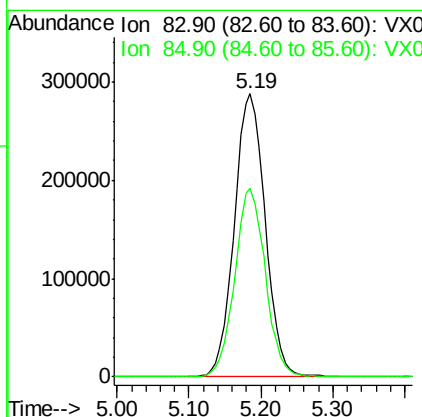
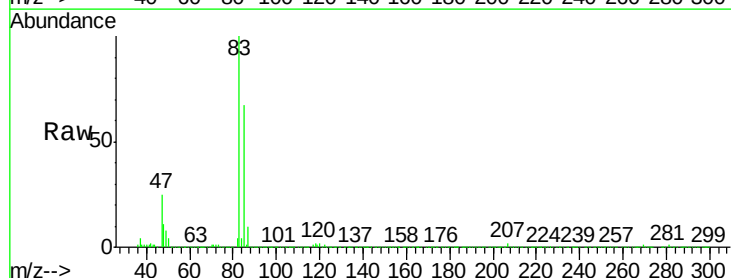
Manual Integrations  
APPROVED

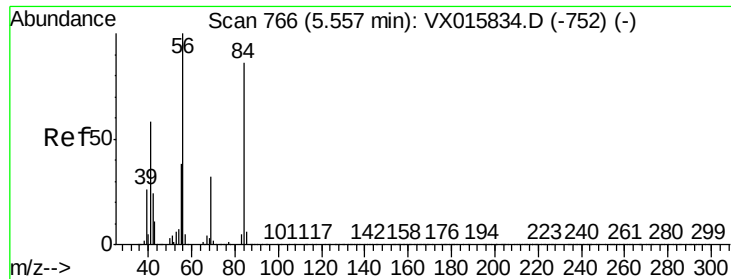
MMDadoda  
4/23/2020 11:58:08 AM



#30  
Chloroform  
Concen: 49.765 ug/l  
RT: 5.19 min Scan# 705  
Delta R.T. 0.00 min  
Lab File: VX015834.D  
Acq: 22 Apr 2020 11:06

Tgt Ion: 83 Resp: 857037  
Ion Ratio Lower Upper  
83 100  
85 66.7 53.4 80.0





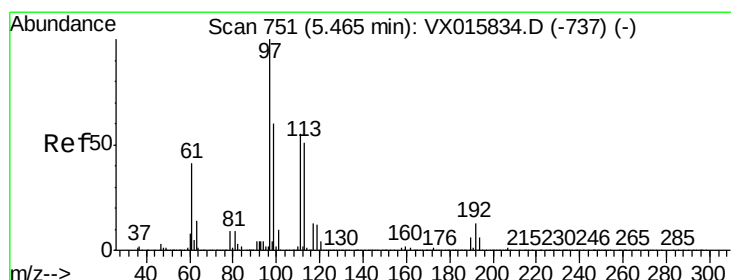
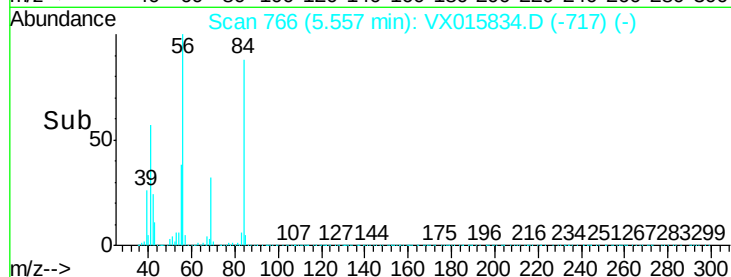
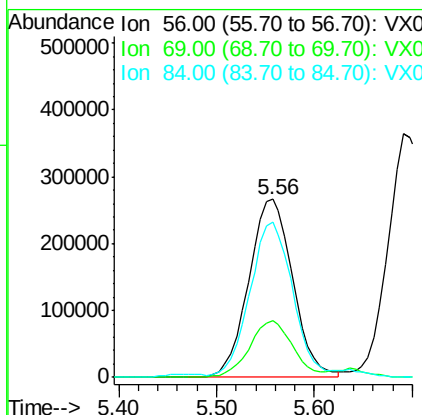
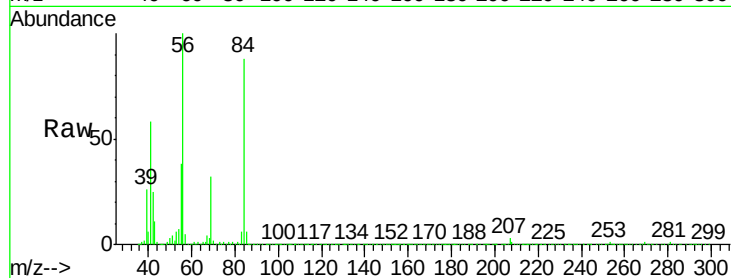
#31  
Cyclohexane  
Concen: 50.510 ug/l  
RT: 5.56 min Scan# 766  
Delta R.T. 0.00 min  
Lab File: VX015834.D  
Acq: 22 Apr 2020 11:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 31.6  | 25.3  | 37.9  |
| 84      | 86.4  | 69.1  | 103.7 |

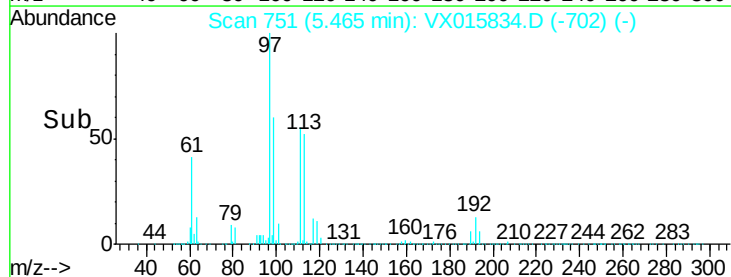
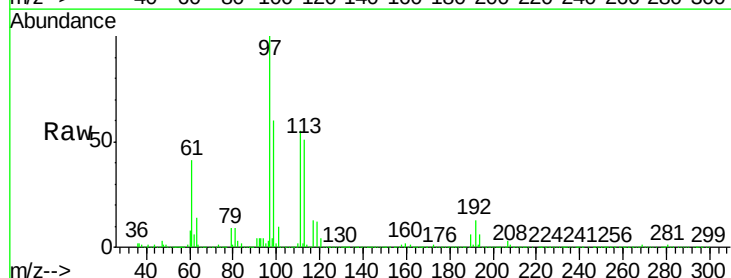
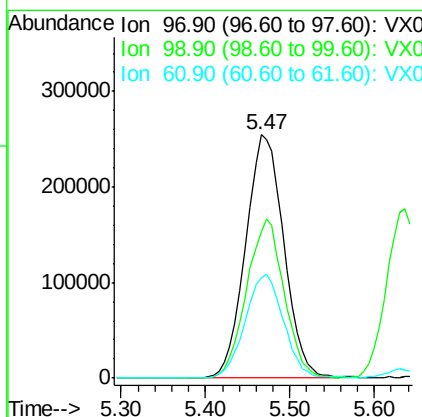
Manual Integrations  
APPROVED

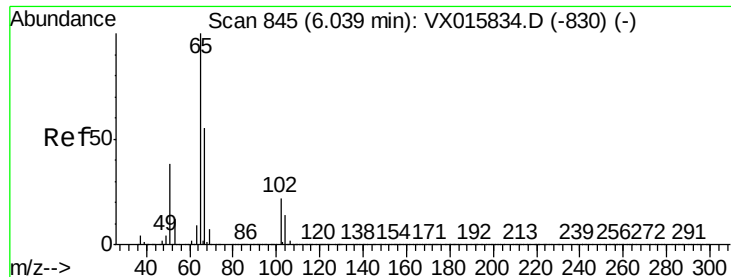
MMDadoda  
4/23/2020 11:58:08 AM



#32  
1,1,1-Trichloroethane  
Concen: 51.795 ug/l  
RT: 5.47 min Scan# 751  
Delta R.T. 0.00 min  
Lab File: VX015834.D  
Acq: 22 Apr 2020 11:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.0  | 51.2  | 76.8  |
| 61      | 42.6  | 34.1  | 51.1  |





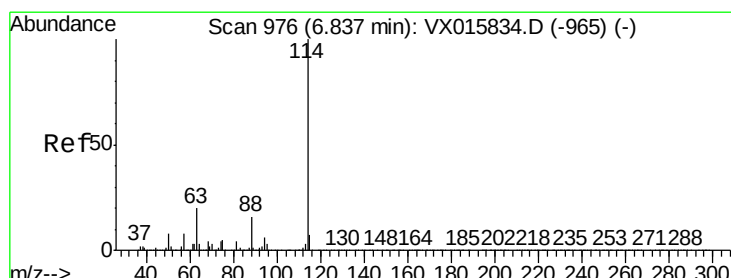
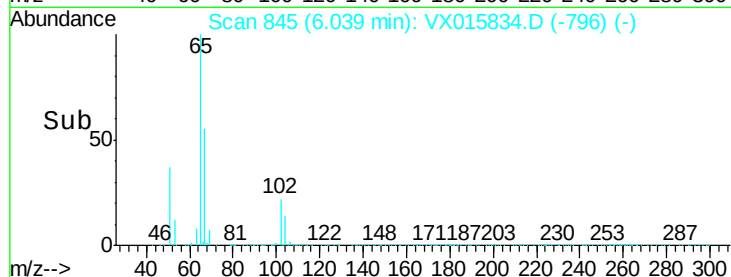
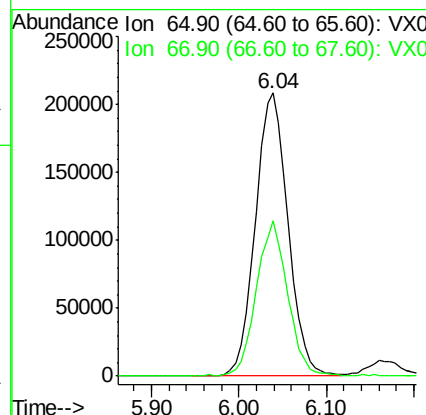
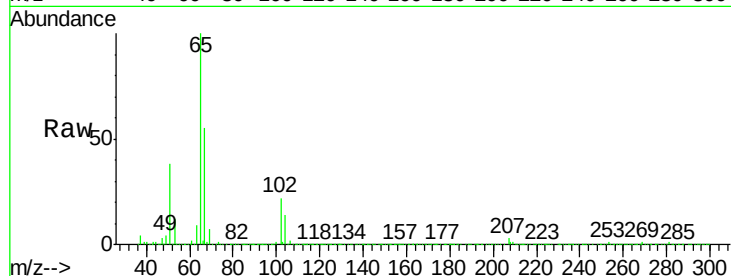
#33  
 1,2-Dichloroethane-d4  
 Concen: 46.378 ug/l  
 RT: 6.04 min Scan# 845  
 Delta R.T. 0.00 min  
 Lab File: VX015834.D  
 Acq: 22 Apr 2020 11:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 537560 |       |       |
| 67      | 52.1  | 0.0    | 104.2 |       |

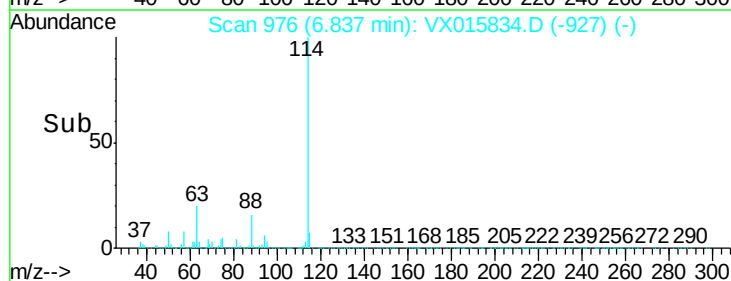
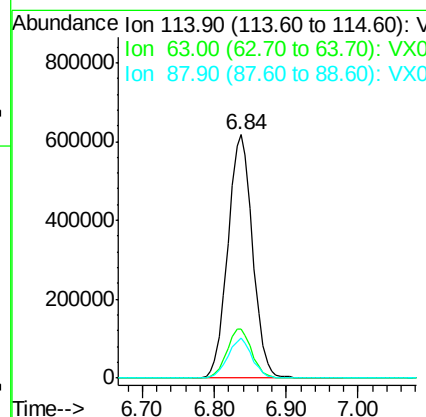
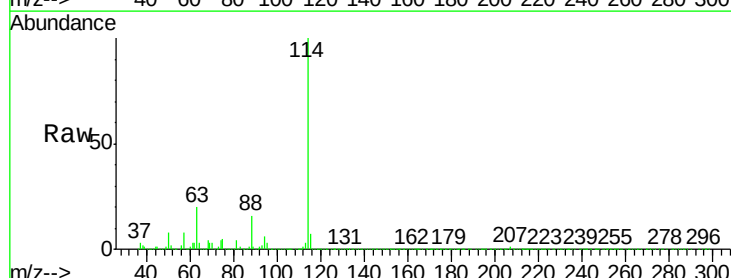
Manual Integrations  
 APPROVED

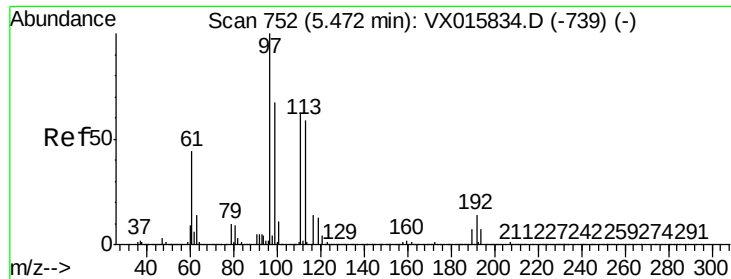
MMDadoda  
 4/23/2020 11:58:08 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.84 min Scan# 976  
 Delta R.T. 0.00 min  
 Lab File: VX015834.D  
 Acq: 22 Apr 2020 11:06

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 114     | 100   | 1472676 |       |       |
| 63      | 20.3  | 0.0     | 40.6  |       |
| 88      | 16.4  | 0.0     | 32.8  |       |





#35

Dibromofluoromethane

Concen: 44.688 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015834.D

Acq: 22 Apr 2020 11:06

Instrument :

MSVOA\_X

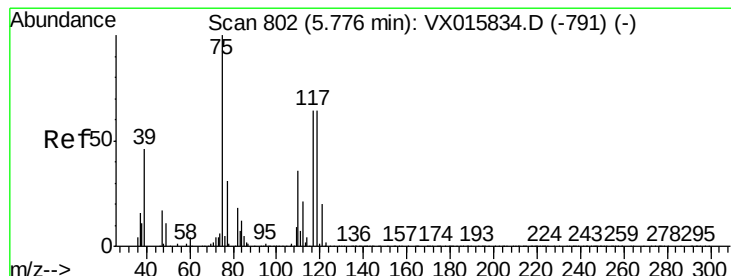
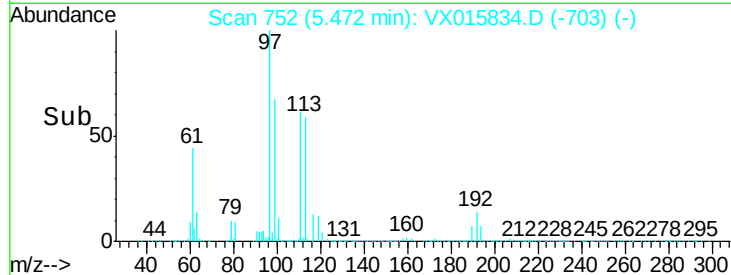
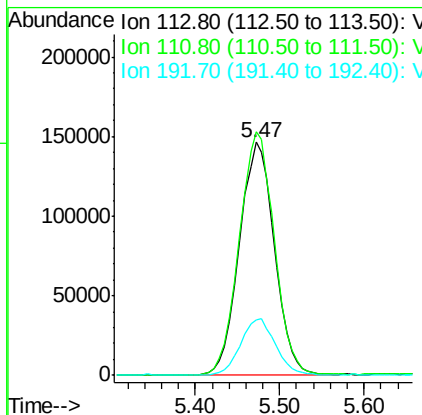
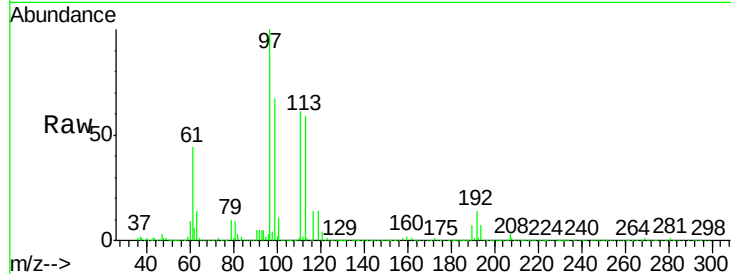
ClientSampleId :

VSTDICCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 416096 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 103.4 | 82.7  | 124.1  |
| 192       | 24.1  | 19.3  | 28.9   |

Manual Integrations  
APPROVED

MMDadoda  
4/23/2020 11:58:08 AM



#36

1,1-Dichloropropene

Concen: 52.393 ug/l

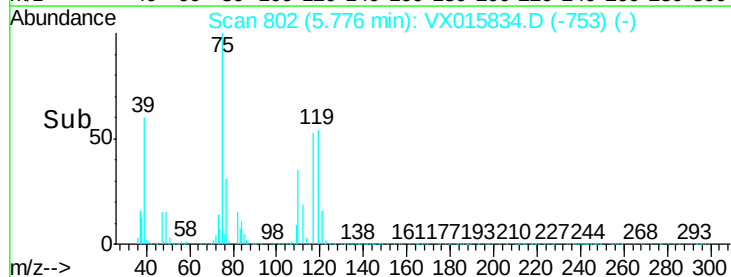
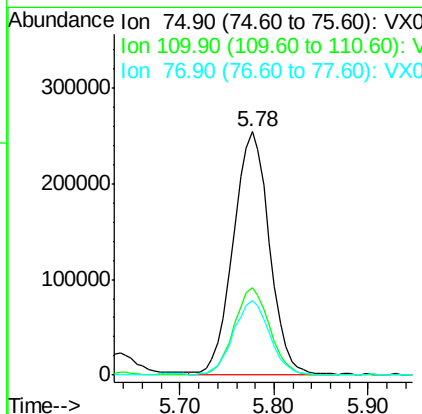
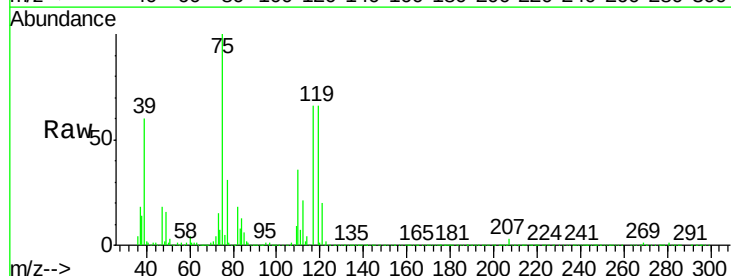
RT: 5.78 min Scan# 802

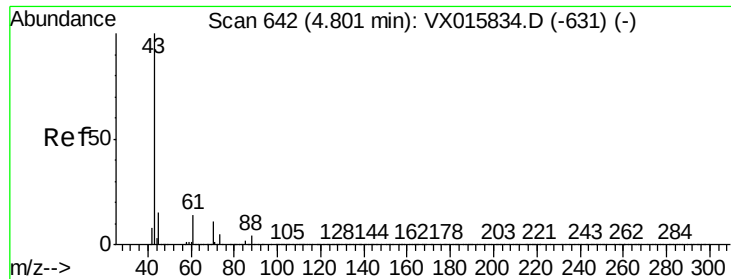
Delta R.T. 0.00 min

Lab File: VX015834.D

Acq: 22 Apr 2020 11:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 677224 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 35.9  | 17.9  | 53.8   |
| 77        | 30.6  | 24.5  | 36.7   |





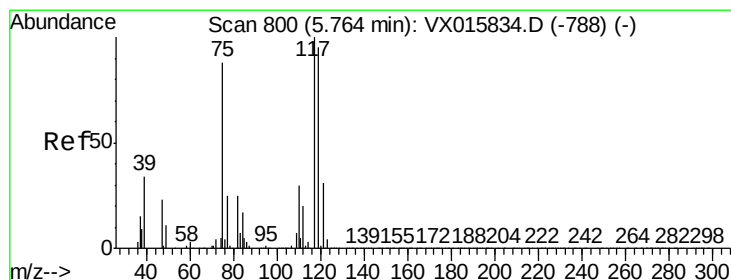
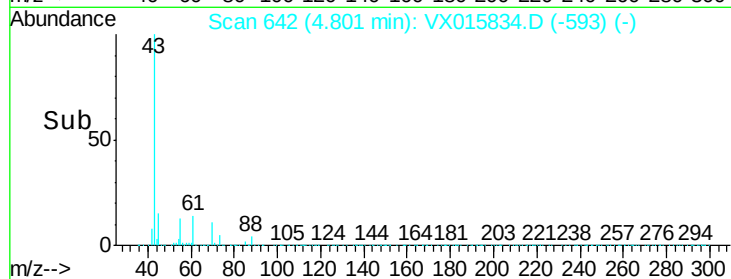
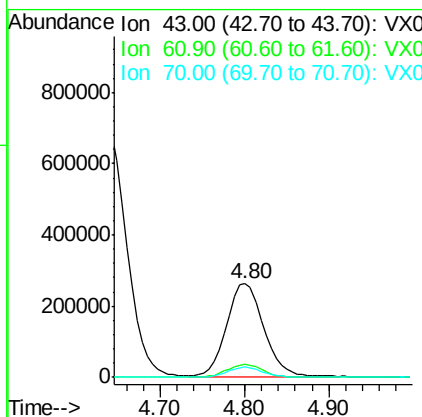
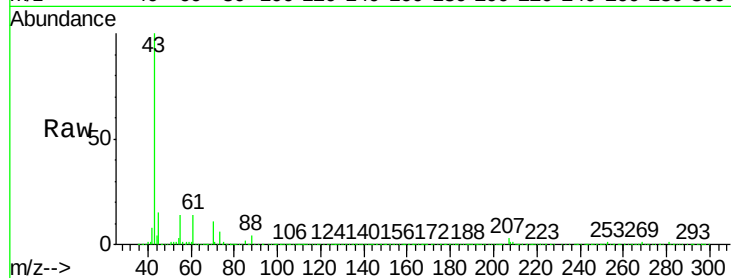
#37  
Ethyl Acetate  
Concen: 50.180 ug/l  
RT: 4.80 min Scan# 642  
Delta R.T. 0.00 min  
Lab File: VX015834.D  
Acq: 22 Apr 2020 11:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion   | 43    | Resp  | 780022 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 61        | 13.5  | 10.8  | 16.2   |
| 70        | 10.2  | 8.2   | 12.2   |

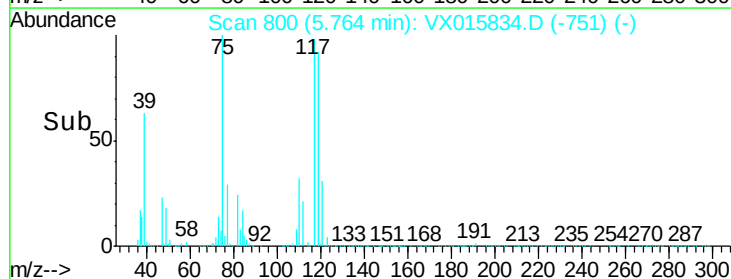
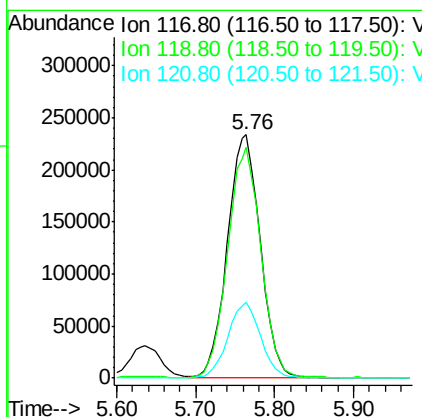
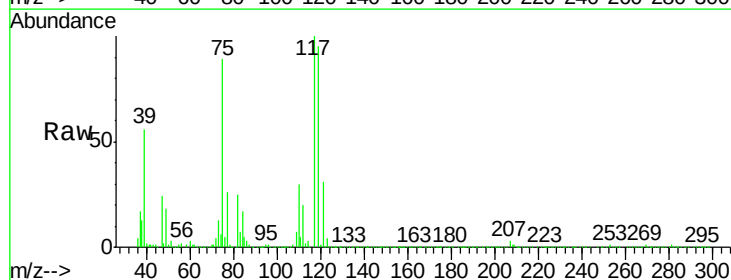
Manual Integrations  
APPROVED

MMDadoda  
4/23/2020 11:58:08 AM

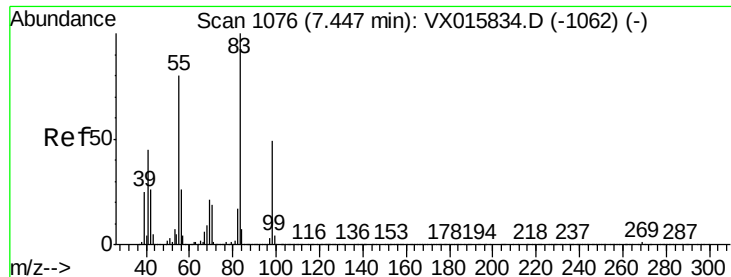


#38  
Carbon Tetrachloride  
Concen: 53.855 ug/l  
RT: 5.76 min Scan# 800  
Delta R.T. 0.00 min  
Lab File: VX015834.D  
Acq: 22 Apr 2020 11:06

| Tgt Ion   | 117   | Resp  | 676240 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 94.6  | 75.7  | 113.5  |
| 121       | 31.3  | 25.0  | 37.6   |







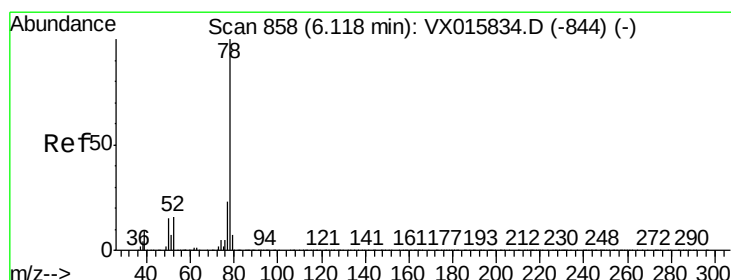
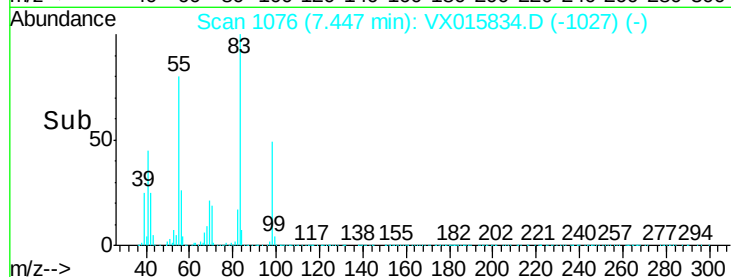
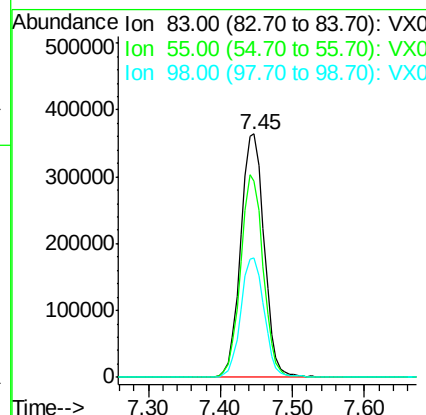
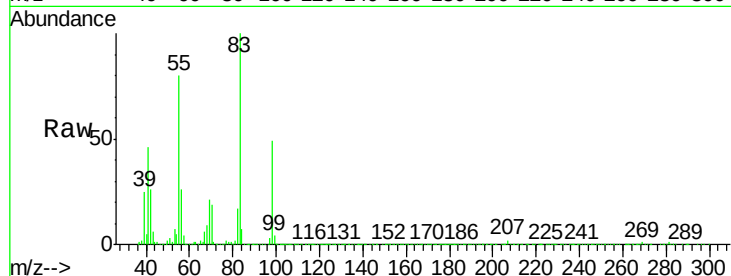
#39  
Methylvlcyclohexane  
Concen: 49.613 ug/l  
RT: 7.45 min Scan# 1076  
Delta R.T. 0.00 min  
Lab File: VX015834.D  
Acq: 22 Apr 2020 11:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 80.3  | 64.2  | 96.4  |
| 98      | 49.1  | 39.3  | 58.9  |

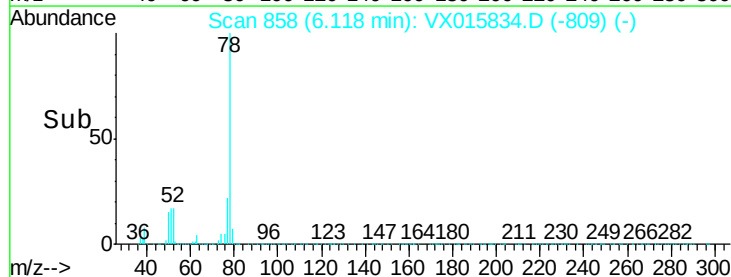
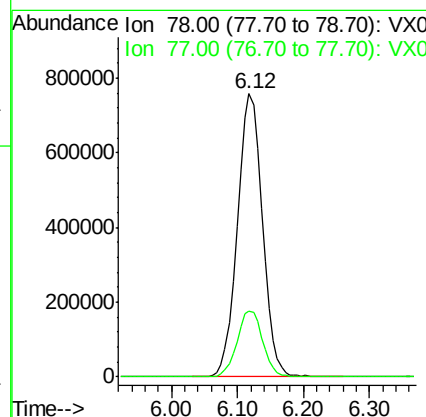
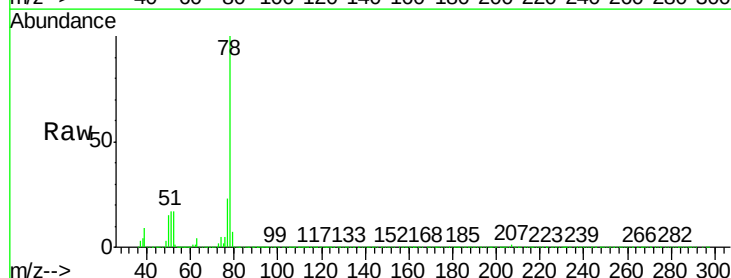
Manual Integrations  
APPROVED

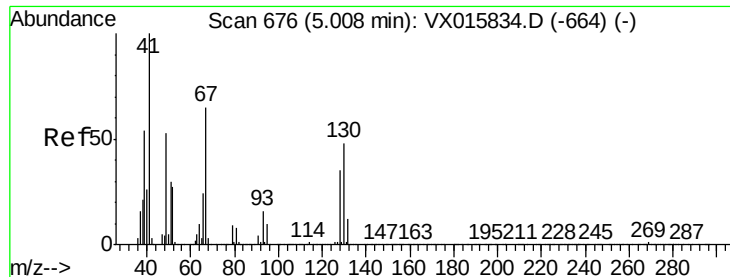
MMDadoda  
4/23/2020 11:58:08 AM



#40  
Benzene  
Concen: 50.192 ug/l  
RT: 6.12 min Scan# 858  
Delta R.T. 0.00 min  
Lab File: VX015834.D  
Acq: 22 Apr 2020 11:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.2  | 18.6  | 27.8  |





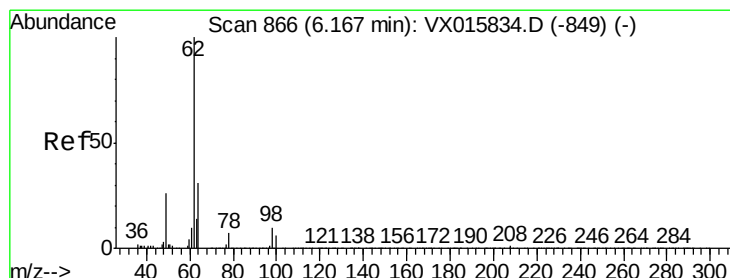
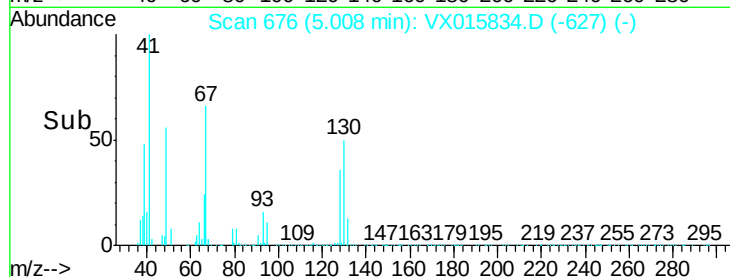
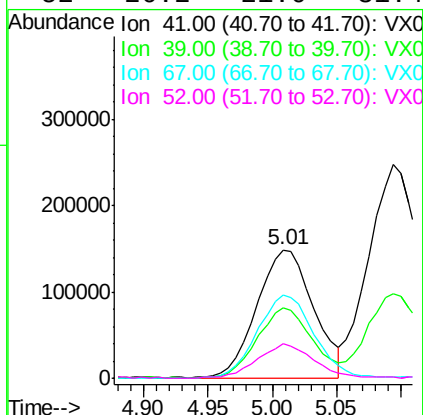
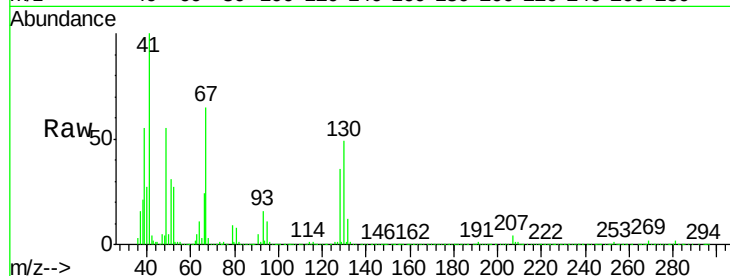
#41  
Methacrylonitrile  
Concen: 61.466 ug/l  
RT: 5.01 min Scan# 676  
Delta R.T. 0.00 min  
Lab File: VX015834.D  
Acq: 22 Apr 2020 11:06

Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 53.0  | 42.4  | 63.6  |
| 67      | 64.9  | 51.9  | 77.9  |
| 52      | 26.2  | 21.0  | 31.4  |

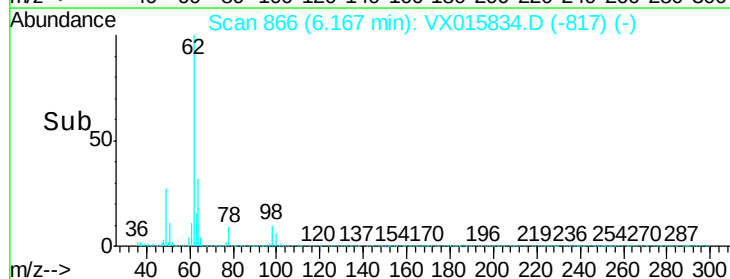
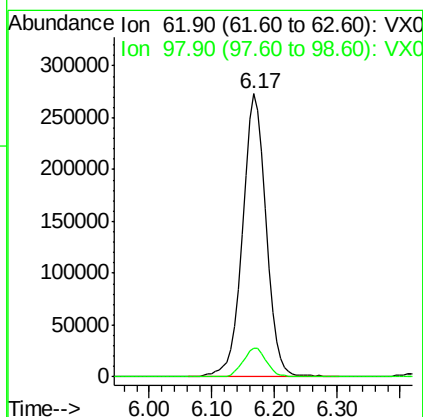
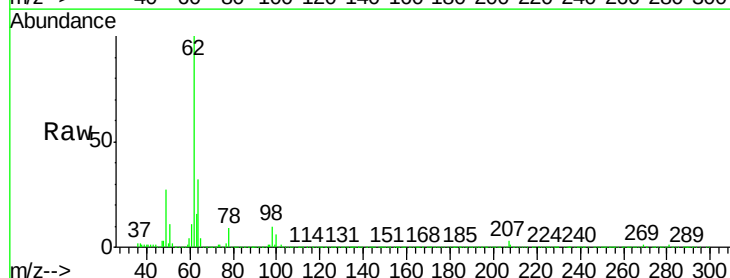
Manual Integrations  
APPROVED

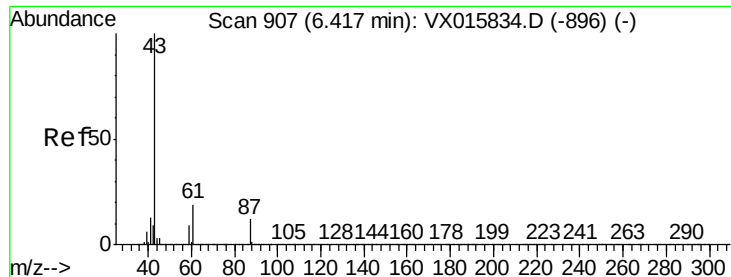
MMDadoda  
4/23/2020 11:58:08 AM



#42  
1,2-Dichloroethane  
Concen: 49.698 ug/l  
RT: 6.17 min Scan# 866  
Delta R.T. 0.00 min  
Lab File: VX015834.D  
Acq: 22 Apr 2020 11:06

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





#43

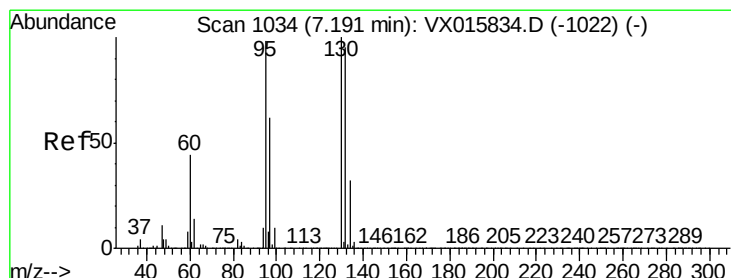
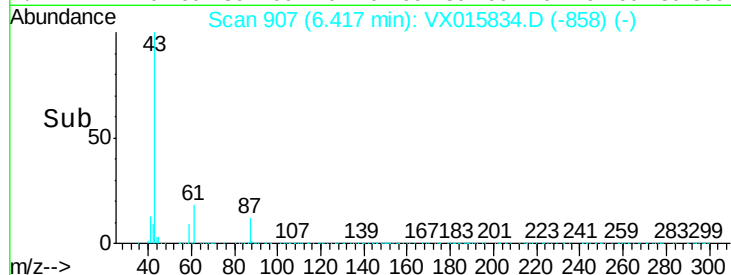
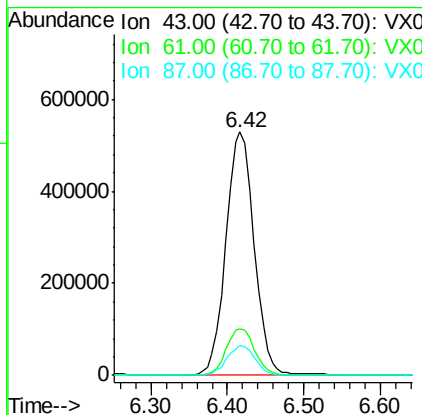
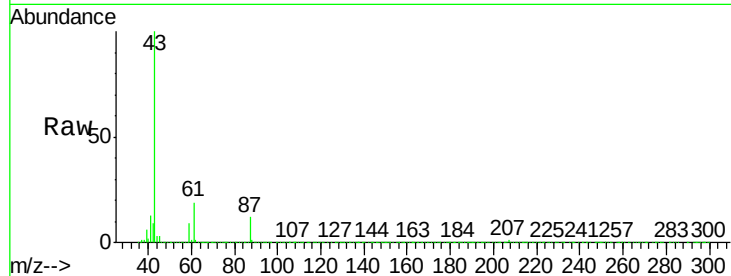
Isopropyl Acetate  
 Concen: 51.268 ug/l  
 RT: 6.42 min Scan# 907  
 Delta R.T. 0.00 min  
 Lab File: VX015834.D  
 Acq: 22 Apr 2020 11:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 19.3  | 15.4  | 23.2  |
| 87      | 12.2  | 9.8   | 14.6  |

Manual Integrations  
 APPROVED

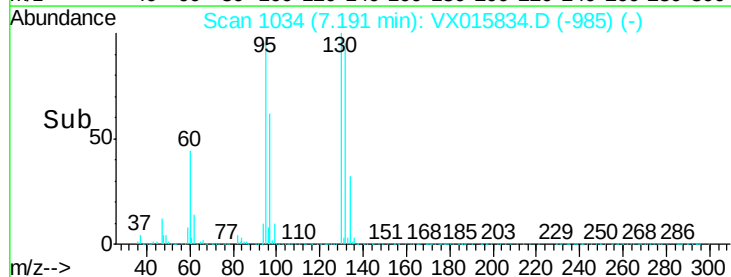
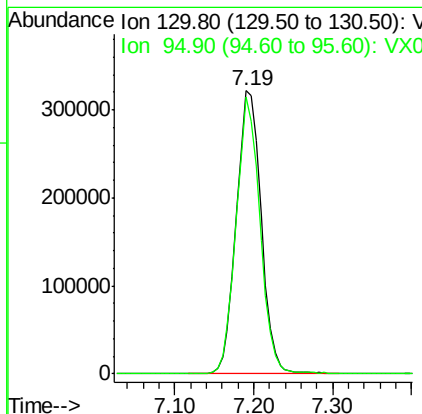
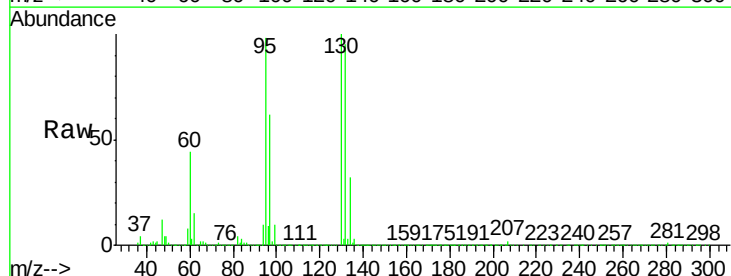
MMDadoda  
 4/23/2020 11:58:08 AM

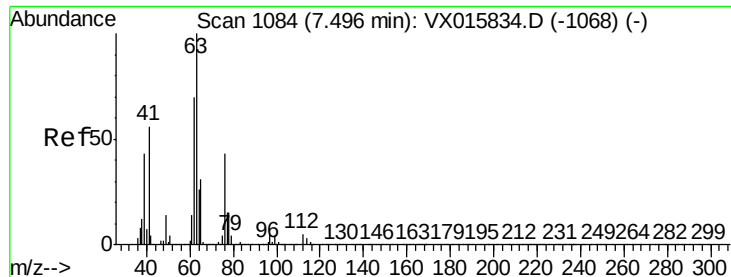


#44

Trichloroethene  
 Concen: 51.131 ug/l  
 RT: 7.19 min Scan# 1034  
 Delta R.T. 0.00 min  
 Lab File: VX015834.D  
 Acq: 22 Apr 2020 11:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 97.9  | 0.0   | 195.8 |





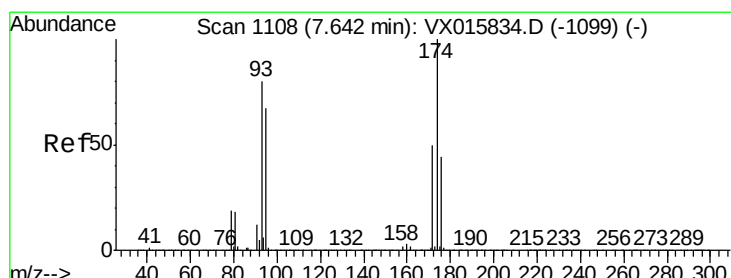
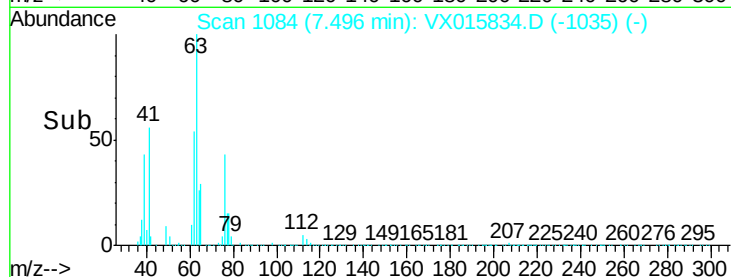
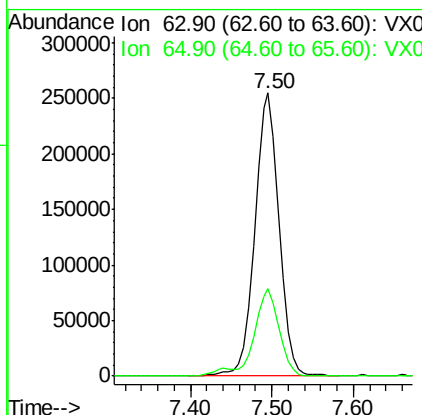
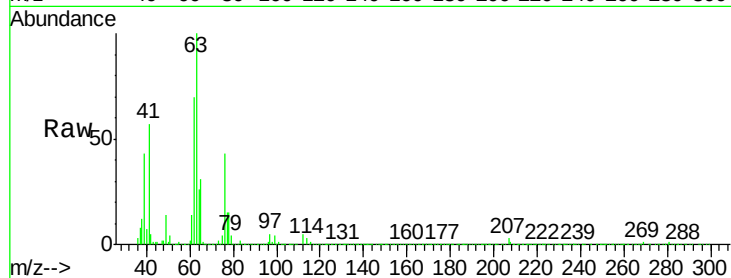
#45  
 1,2-Dichloropropane  
 Concen: 51.258 ug/l  
 RT: 7.50 min Scan# 1084  
 Delta R.T. 0.00 min  
 Lab File: VX015834.D  
 Acq: 22 Apr 2020 11:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 30.6  | 24.5  | 36.7  |

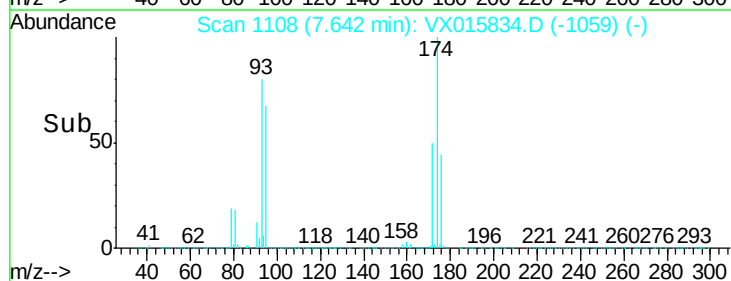
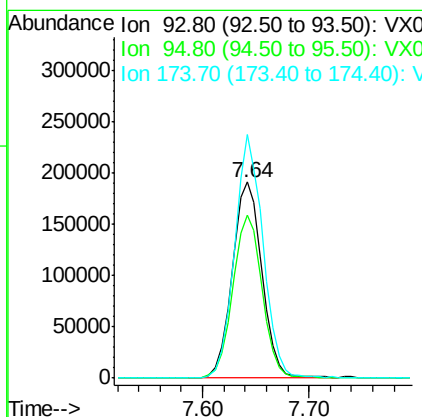
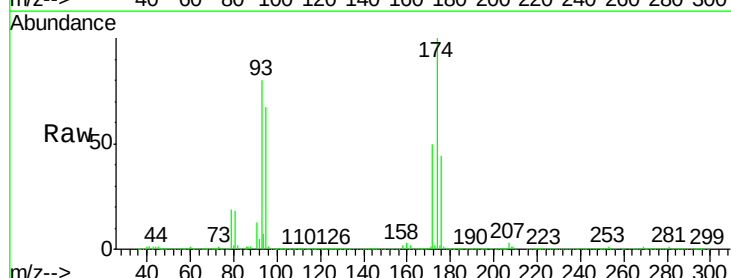
Manual Integrations  
 APPROVED

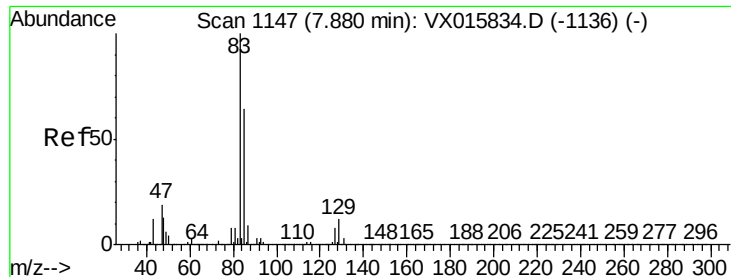
MMDadoda  
 4/23/2020 11:58:08 AM



#46  
 Dibromomethane  
 Concen: 48.210 ug/l  
 RT: 7.64 min Scan# 1108  
 Delta R.T. 0.00 min  
 Lab File: VX015834.D  
 Acq: 22 Apr 2020 11:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 82.3  | 65.8  | 98.8  |
| 174     | 119.5 | 95.6  | 143.4 |





#47

Bromodichloromethane

Concen: 52.691 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015834.D

Acq: 22 Apr 2020 11:06

Instrument :

MSVOA\_X

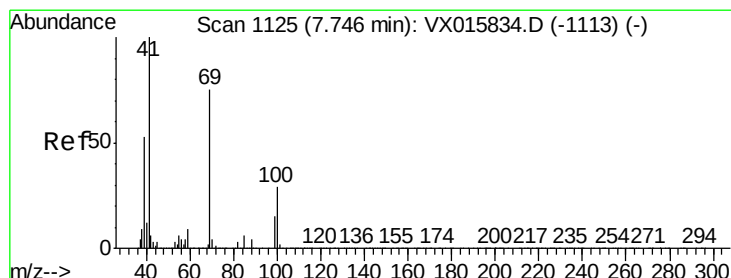
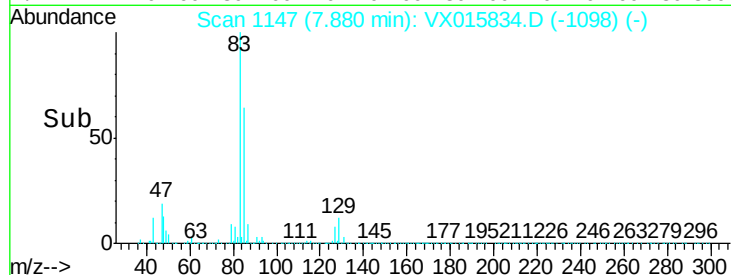
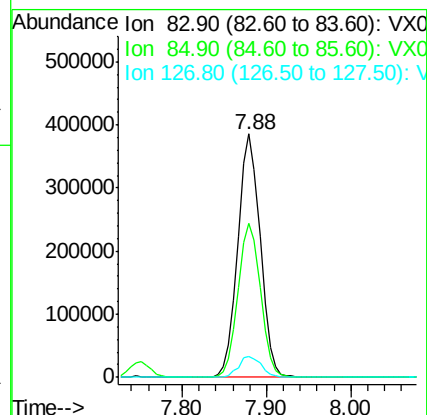
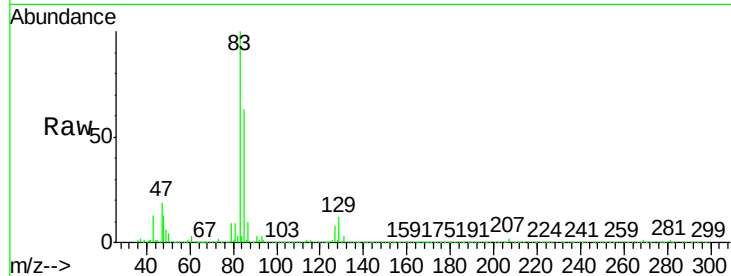
ClientSampleId :

VSTDICCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 690046 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 63.5  | 50.8  | 76.2   |
| 127       | 8.3   | 6.6   | 10.0   |

Manual Integrations  
APPROVED

MMDadoda  
4/23/2020 11:58:08 AM



#48

Methyl methacrylate

Concen: 52.482 ug/l

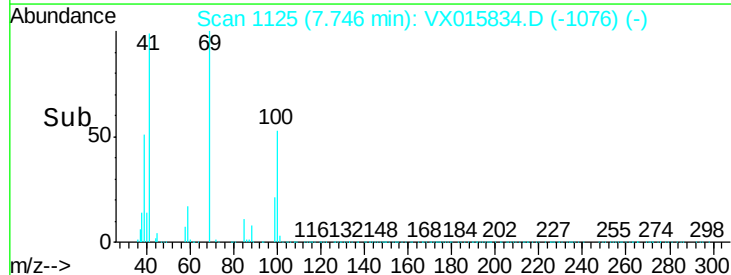
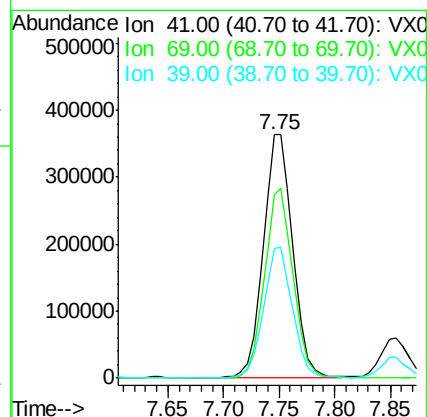
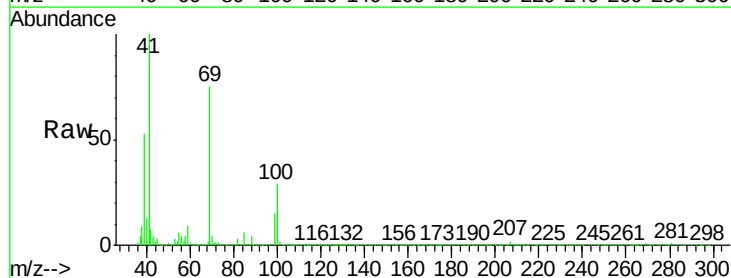
RT: 7.75 min Scan# 1125

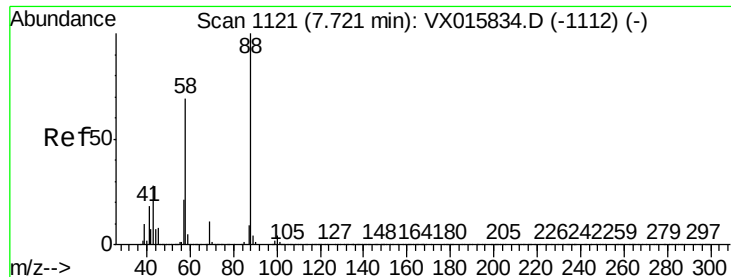
Delta R.T. 0.00 min

Lab File: VX015834.D

Acq: 22 Apr 2020 11:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 666706 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 75.6  | 60.5  | 90.7   |
| 39        | 52.6  | 42.1  | 63.1   |





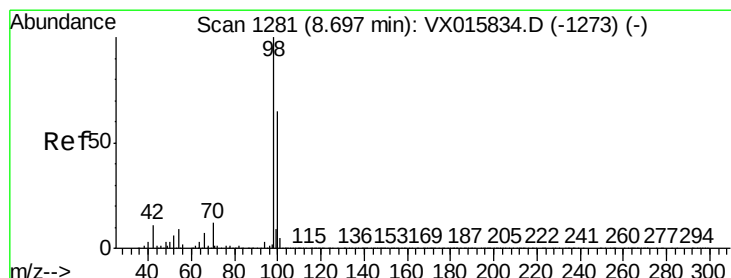
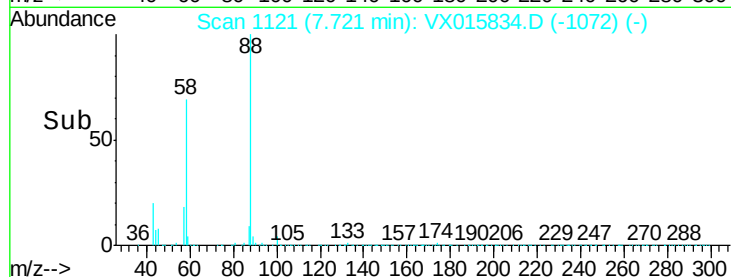
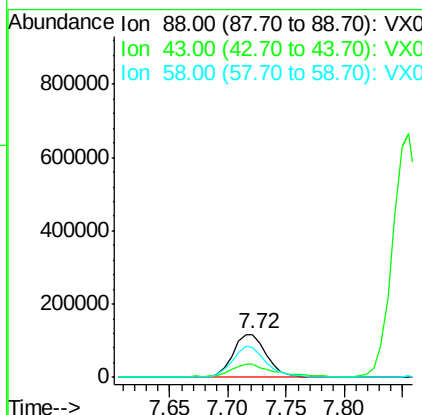
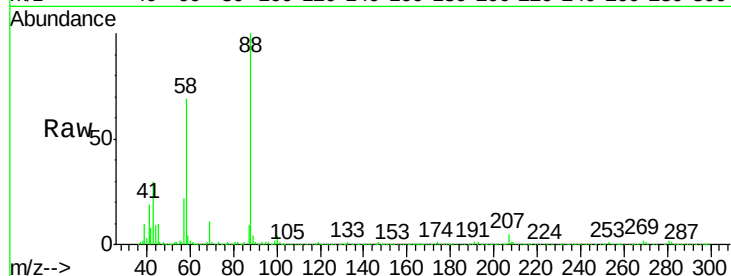
#49  
1,4-Dioxane  
Concen: 950.620 ug/l  
RT: 7.72 min Scan# 1121  
Delta R.T. 0.00 min  
Lab File: VX015834.D  
Acq: 22 Apr 2020 11:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 35.3  | 28.2  | 42.4  |
| 58      | 73.6  | 58.9  | 88.3  |

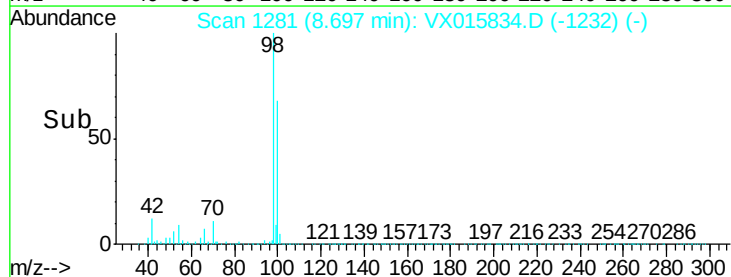
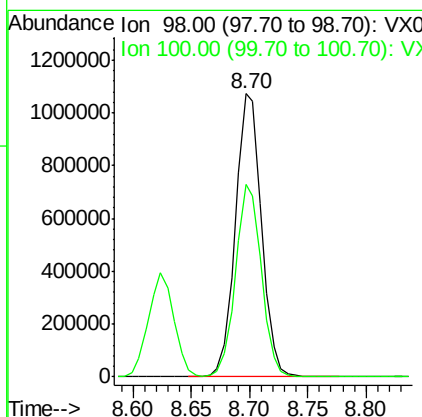
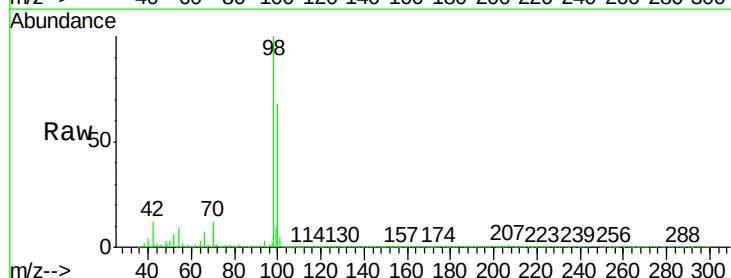
Manual Integrations  
APPROVED

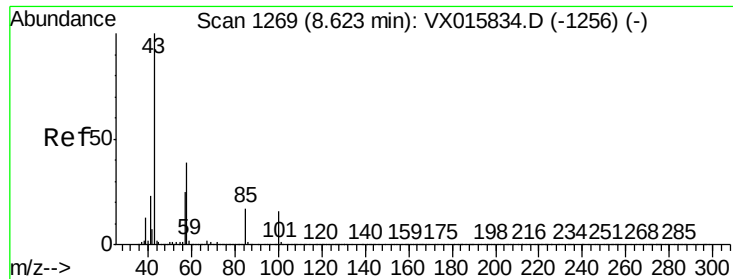
MMDadoda  
4/23/2020 11:58:08 AM



#50  
Toluene-d8  
Concen: 47.215 ug/l  
RT: 8.70 min Scan# 1281  
Delta R.T. 0.00 min  
Lab File: VX015834.D  
Acq: 22 Apr 2020 11:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 67.2  | 53.8  | 80.6  |





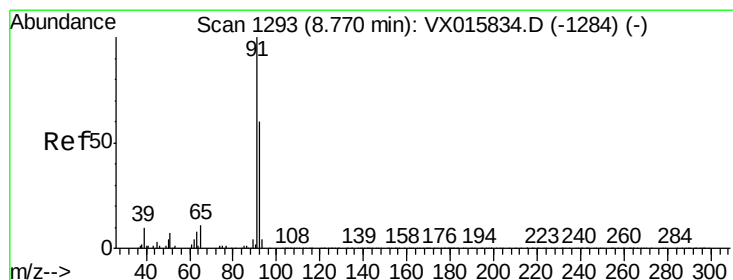
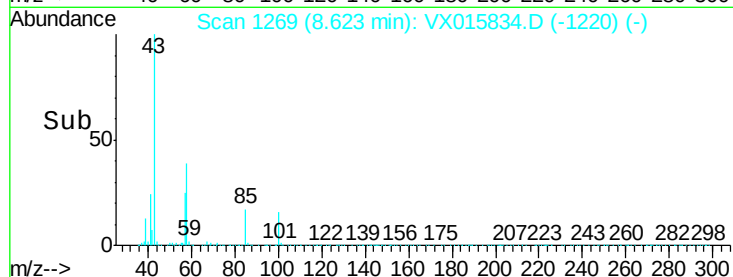
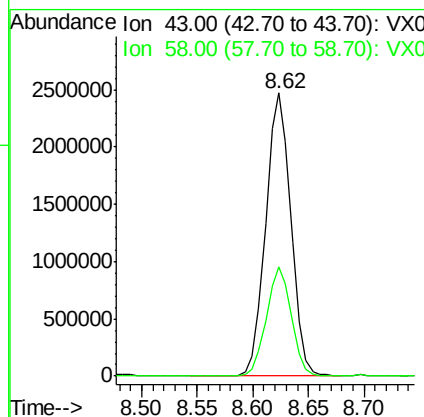
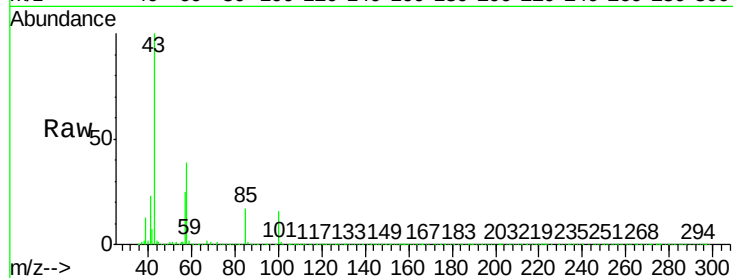
#51  
 4-Methyl-2-Pentanone  
 Concen: 257.853 ug/l  
 RT: 8.62 min Scan# 1269  
 Delta R.T. 0.00 min  
 Lab File: VX015834.D  
 Acq: 22 Apr 2020 11:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

Tot Ion: 43 Resp: 3899807  
 Ion Ratio Lower Upper  
 43 100  
 58 38.2 30.6 45.8

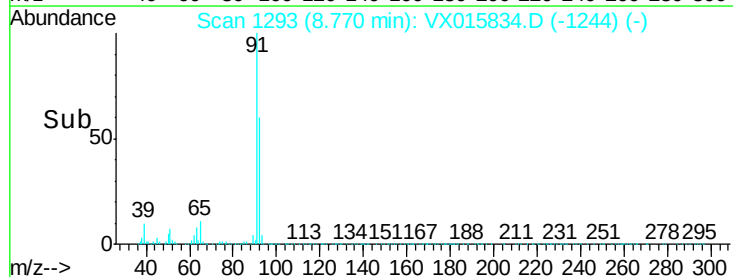
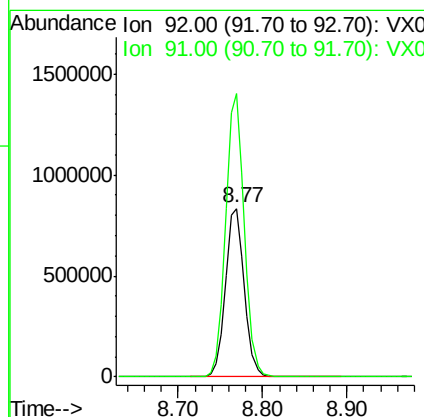
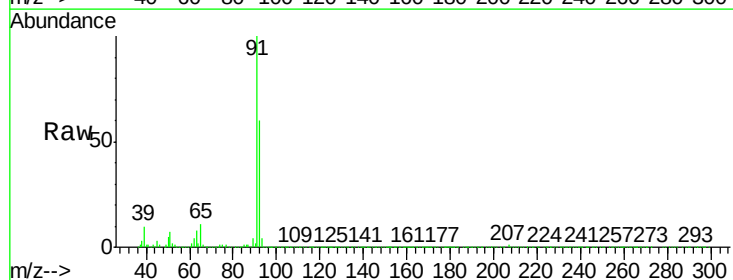
Manual Integrations  
 APPROVED

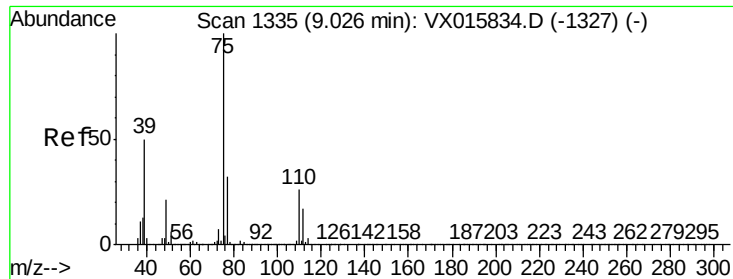
MMDadoda  
 4/23/2020 11:58:08 AM



#52  
 Toluene  
 Concen: 50.300 ug/l  
 RT: 8.77 min Scan# 1293  
 Delta R.T. 0.00 min  
 Lab File: VX015834.D  
 Acq: 22 Apr 2020 11:06

Tgt Ion: 92 Resp: 1277692  
 Ion Ratio Lower Upper  
 92 100  
 91 166.7 133.4 200.0





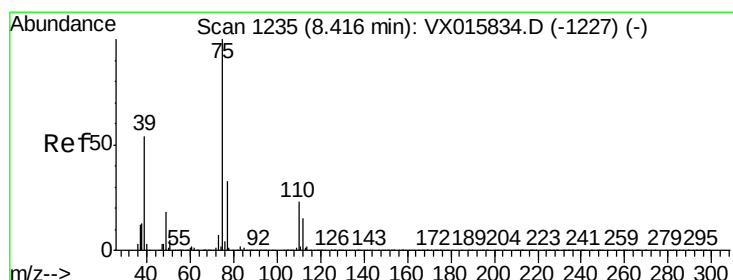
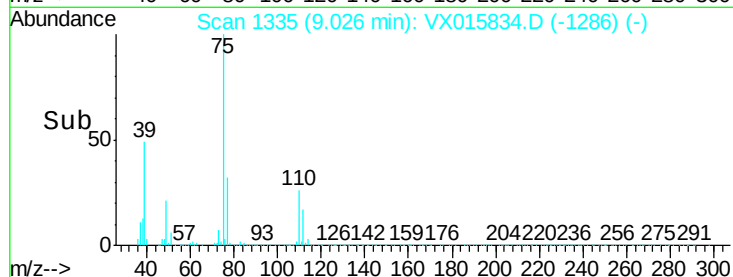
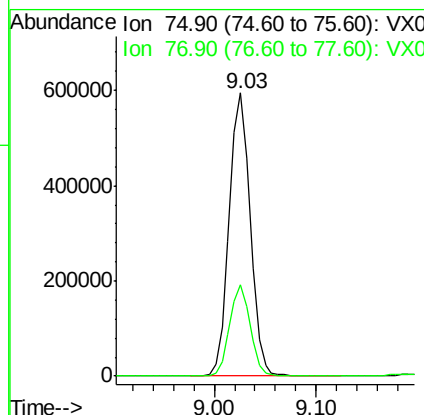
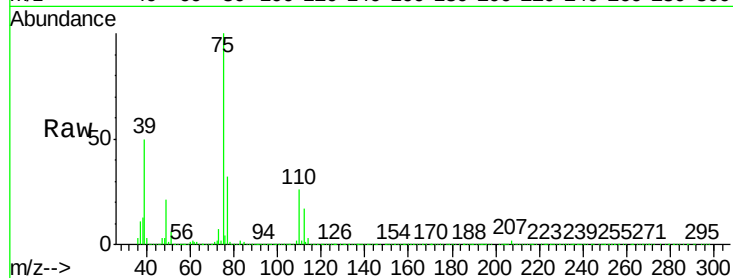
#53  
t-1,3-Dichloropropene  
Concen: 52.200 ug/l  
RT: 9.03 min Scan# 1335  
Delta R.T. 0.00 min  
Lab File: VX015834.D  
Acq: 22 Apr 2020 11:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 32.4  | 25.9  | 38.9  |

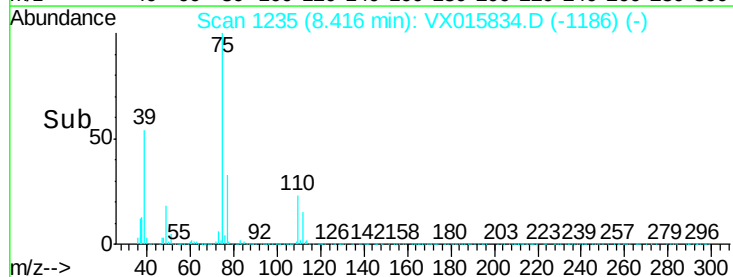
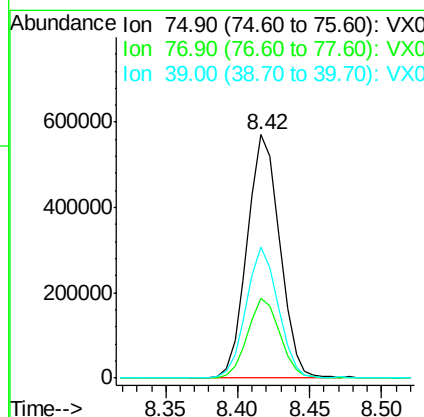
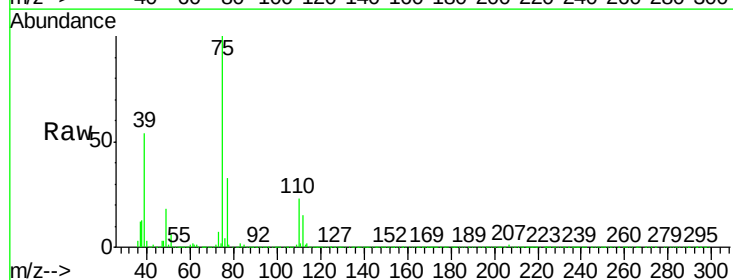
Manual Integrations  
APPROVED

MMDadoda  
4/23/2020 11:58:08 AM

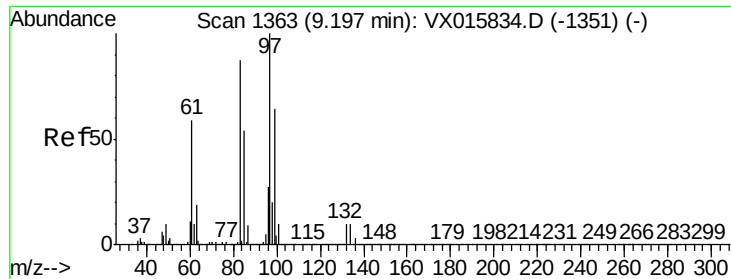


#54  
cis-1,3-Dichloropropene  
Concen: 51.369 ug/l  
RT: 8.42 min Scan# 1235  
Delta R.T. 0.00 min  
Lab File: VX015834.D  
Acq: 22 Apr 2020 11:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 32.5  | 26.0  | 39.0  |
| 39      | 53.5  | 42.8  | 64.2  |







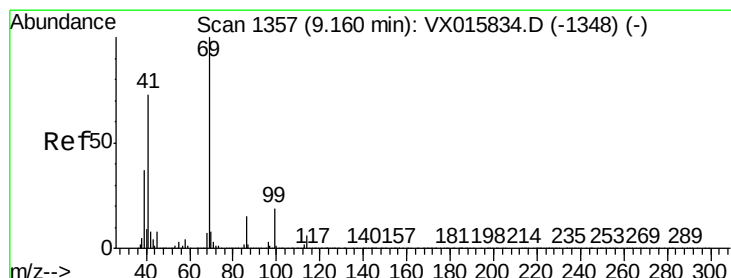
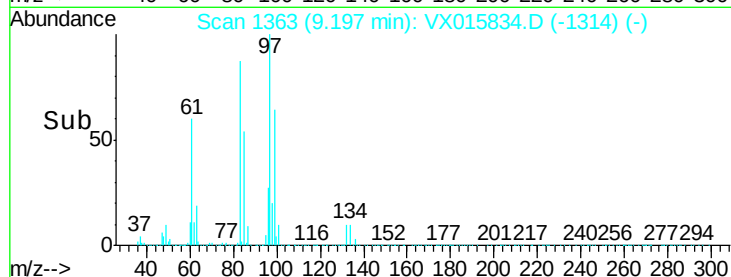
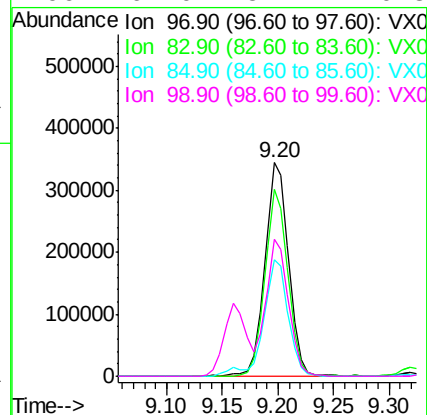
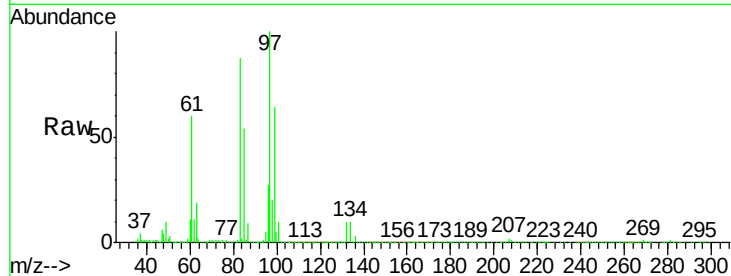
#55  
 1,1,2-Trichloroethane  
 Concen: 52.307 ug/l  
 RT: 9.20 min Scan# 1363  
 Delta R.T. 0.00 min  
 Lab File: VX015834.D  
 Acq: 22 Apr 2020 11:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 97      | 100  |       | 512121 |       |       |
| 83      | 87.3 | 69.8  | 104.8  |       |       |
| 85      | 54.3 | 43.4  | 65.2   |       |       |
| 99      | 64.0 | 51.2  | 76.8   |       |       |

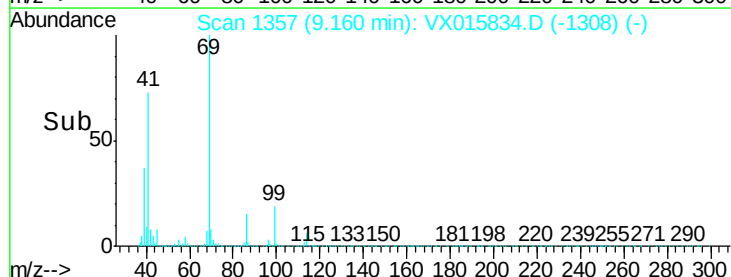
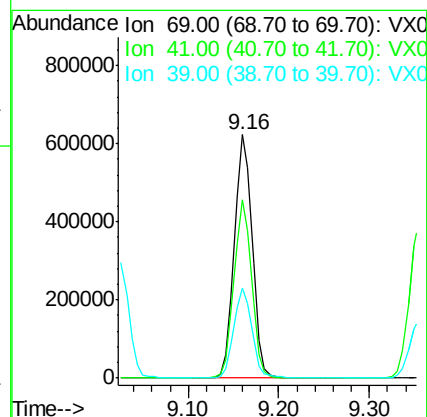
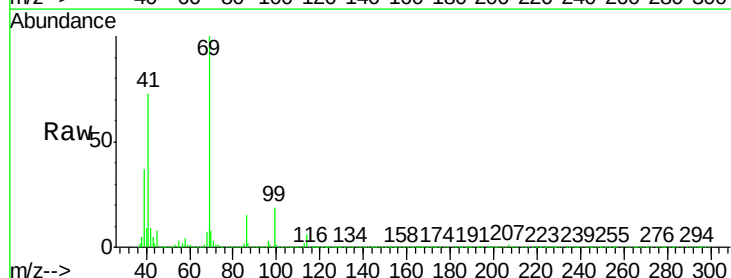
Manual Integrations  
 APPROVED

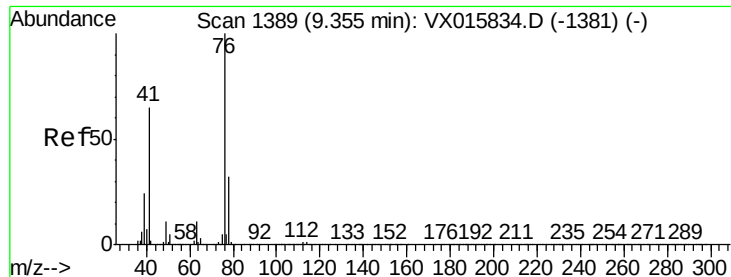
MMDadoda  
 4/23/2020 11:58:08 AM



#56  
 Ethyl methacrylate  
 Concen: 52.104 ug/l  
 RT: 9.16 min Scan# 1357  
 Delta R.T. 0.00 min  
 Lab File: VX015834.D  
 Acq: 22 Apr 2020 11:06

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 69      | 100  |       | 855128 |       |       |
| 41      | 71.8 | 57.4  | 86.2   |       |       |
| 39      | 37.1 | 29.7  | 44.5   |       |       |





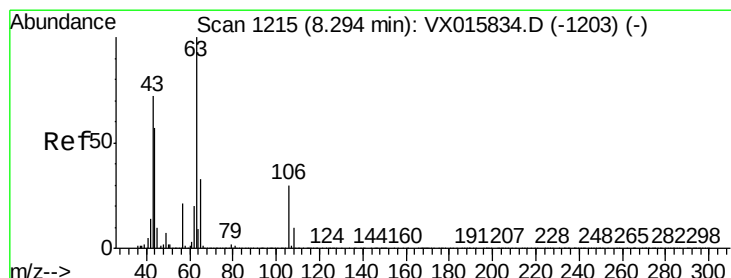
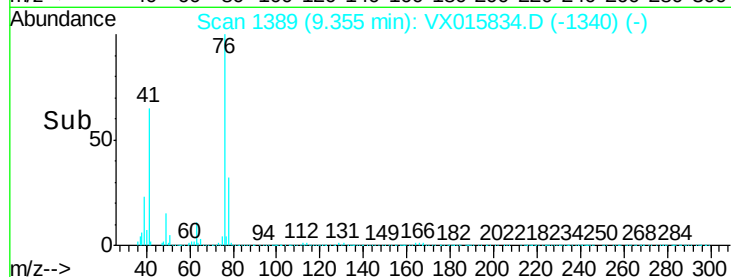
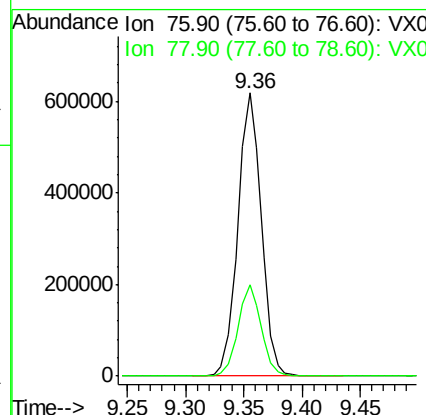
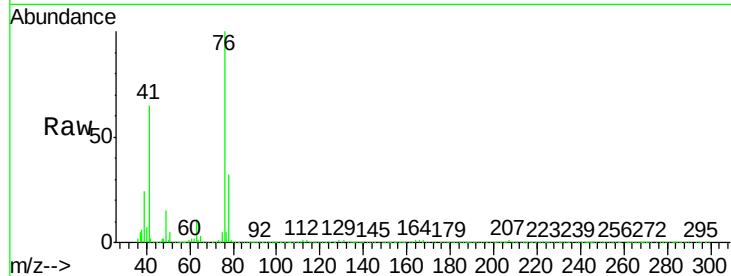
#57  
 1,3-Dichloropropane  
 Concen: 50.934 ug/l  
 RT: 9.36 min Scan# 1389  
 Delta R.T. 0.00 min  
 Lab File: VX015834.D  
 Acq: 22 Apr 2020 11:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 31.8  | 25.4  | 38.2  |

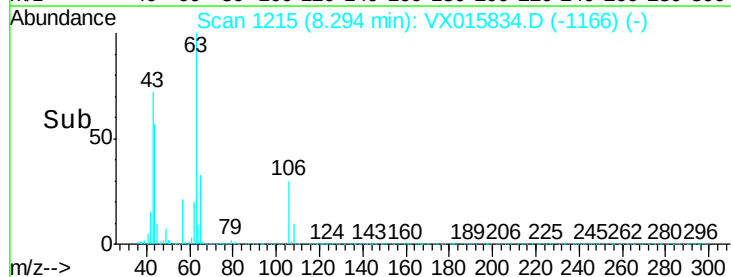
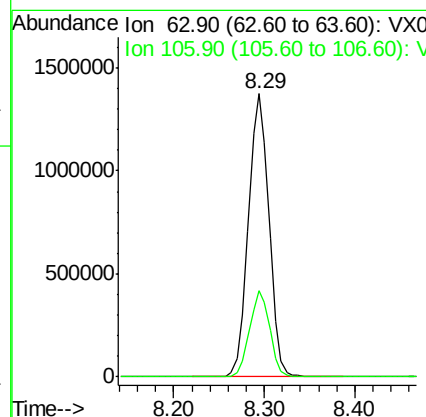
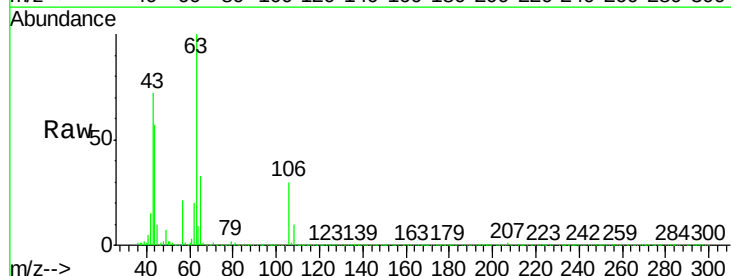
Manual Integrations  
 APPROVED

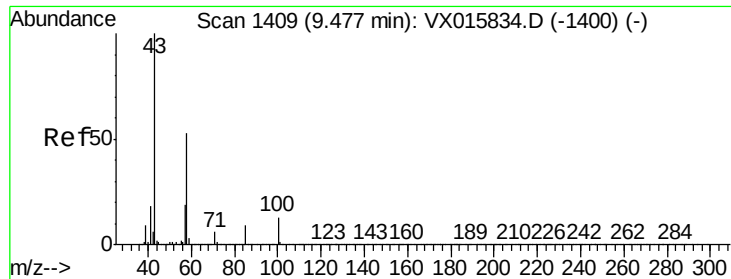
MMDadoda  
 4/23/2020 11:58:08 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 259.744 ug/l  
 RT: 8.29 min Scan# 1215  
 Delta R.T. 0.00 min  
 Lab File: VX015834.D  
 Acq: 22 Apr 2020 11:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 29.8  | 23.8  | 35.8  |





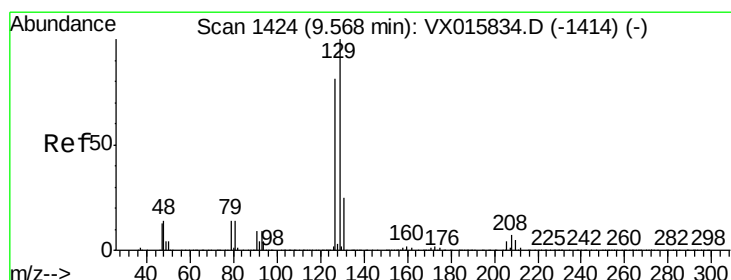
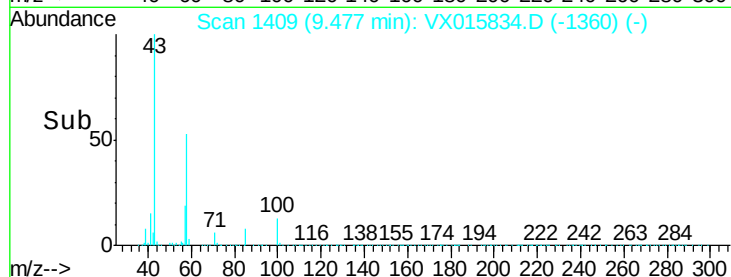
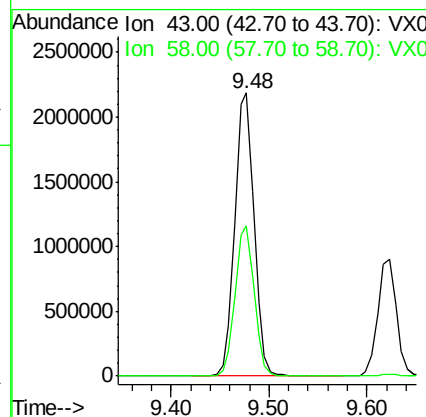
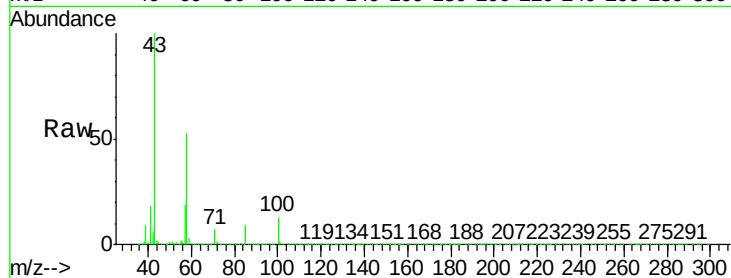
#59  
2-Hexanone  
Concen: 260.968 ug/l  
RT: 9.48 min Scan# 1409  
Delta R.T. 0.00 min  
Lab File: VX015834.D  
Acq: 22 Apr 2020 11:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

Tot Ion: 43 Resp: 2977038  
Ion Ratio Lower Upper  
43 100  
58 52.9 26.5 79.4

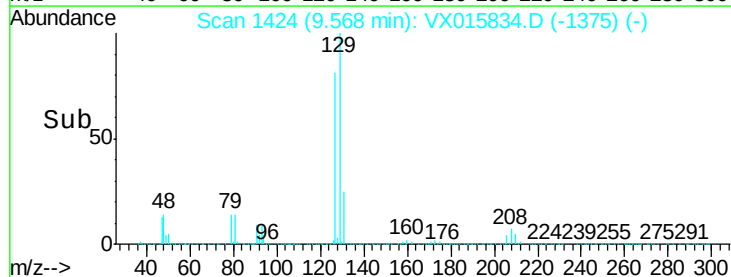
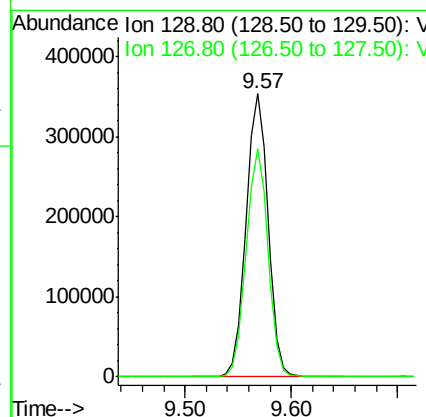
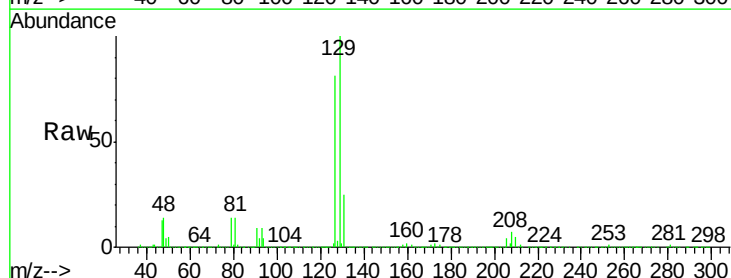
Manual Integrations  
APPROVED

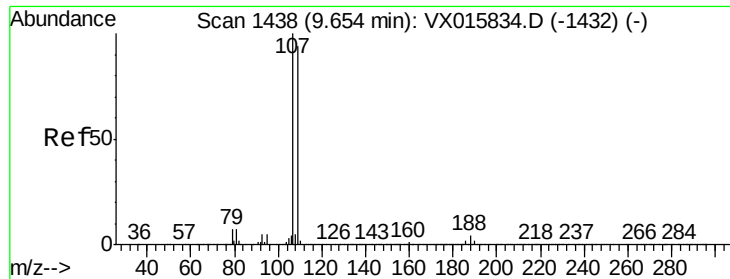
MMDadoda  
4/23/2020 11:58:08 AM



#60  
Dibromochloromethane  
Concen: 53.834 ug/l  
RT: 9.57 min Scan# 1424  
Delta R.T. 0.00 min  
Lab File: VX015834.D  
Acq: 22 Apr 2020 11:06

Tgt Ion: 129 Resp: 515560  
Ion Ratio Lower Upper  
129 100  
127 80.0 40.0 120.0





#61

1,2-Dibromoethane

Concen: 49.642 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015834.D

Acq: 22 Apr 2020 11:06

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

Tot Ion: 107 Resp: 542648

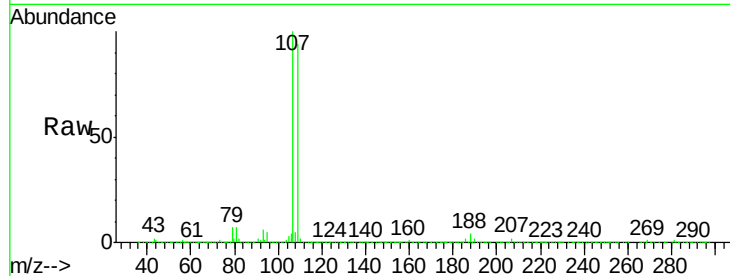
Ion Ratio Lower Upper

107 100

109 94.2 75.4 113.0

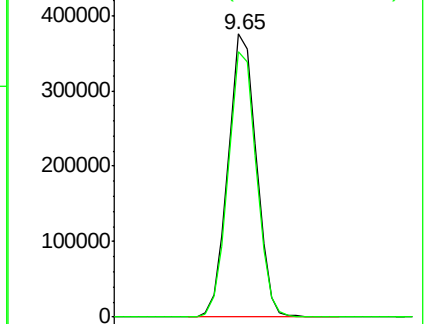
Manual Integrations  
APPROVED

MMDadoda  
4/23/2020 11:58:08 AM

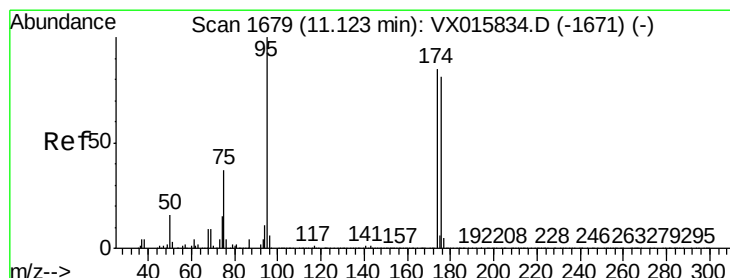
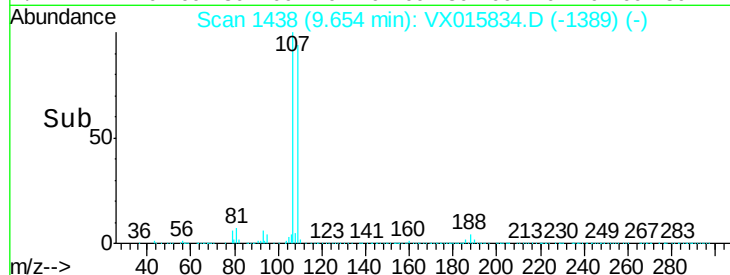


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 43.620 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015834.D

Acq: 22 Apr 2020 11:06

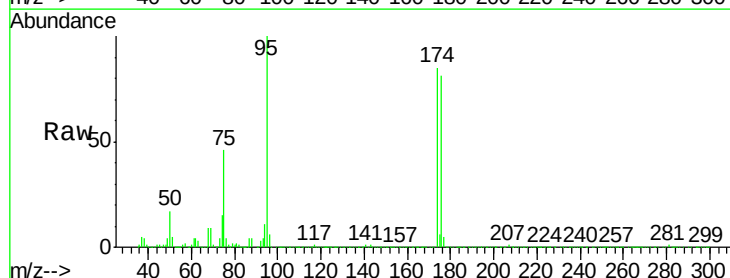
Tgt Ion: 95 Resp: 676624

Ion Ratio Lower Upper

95 100

174 86.2 0.0 172.4

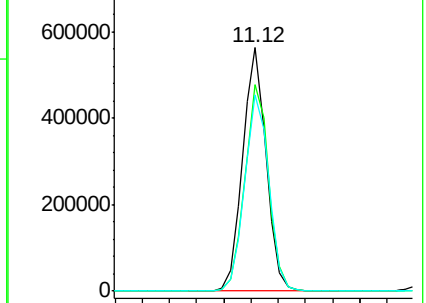
176 83.5 0.0 167.0



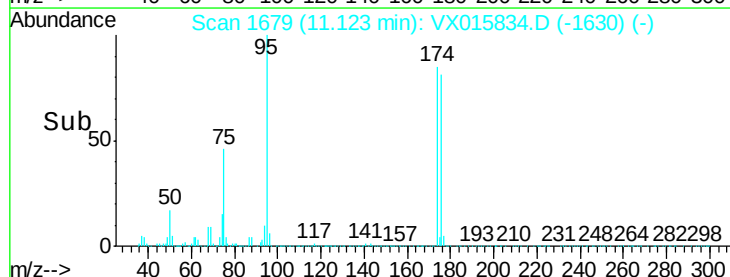
Abundance Ion 94.90 (94.60 to 95.60): VX0

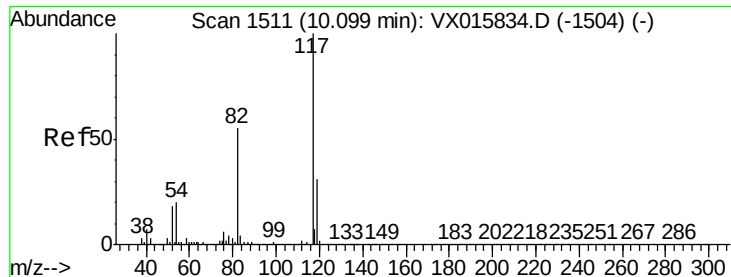
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





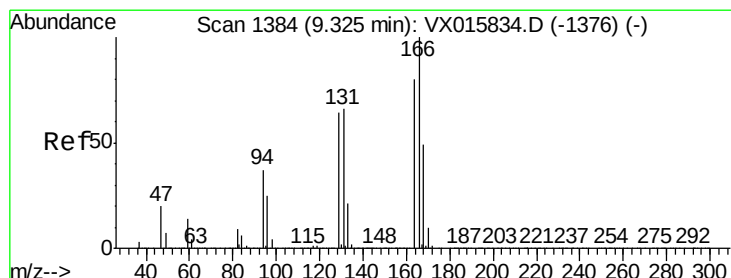
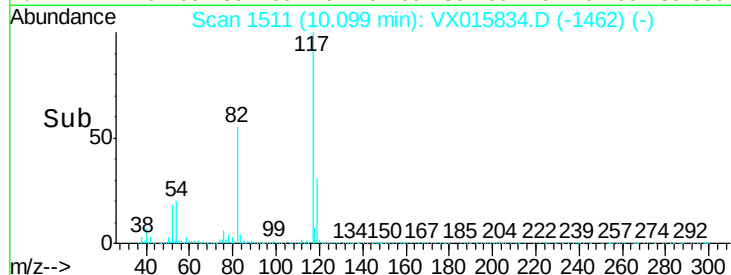
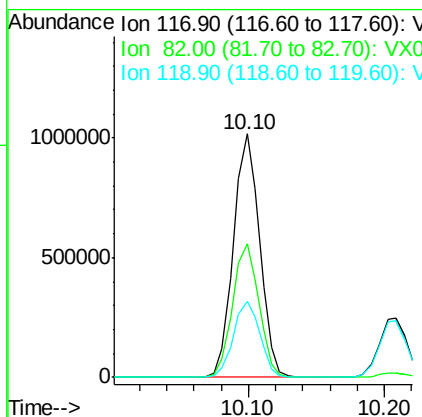
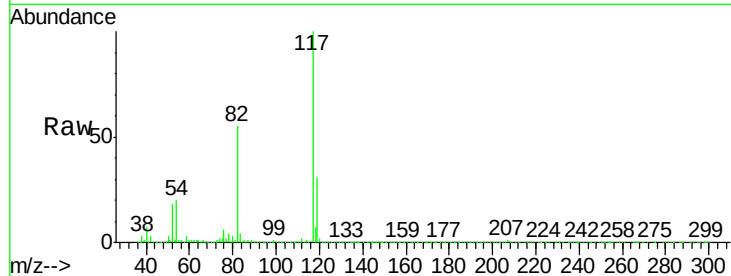
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1511  
Delta R.T. 0.00 min  
Lab File: VX015834.D  
Acq: 22 Apr 2020 11:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 54.9  | 43.9  | 65.9  |
| 119     | 31.4  | 25.1  | 37.7  |

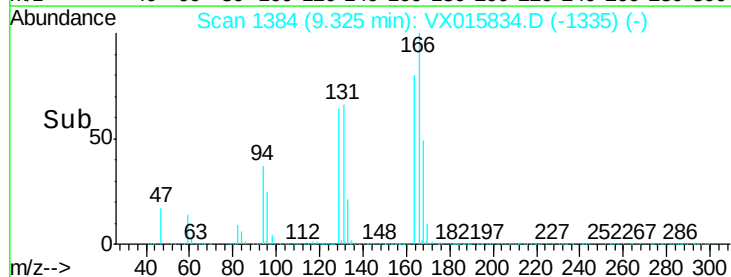
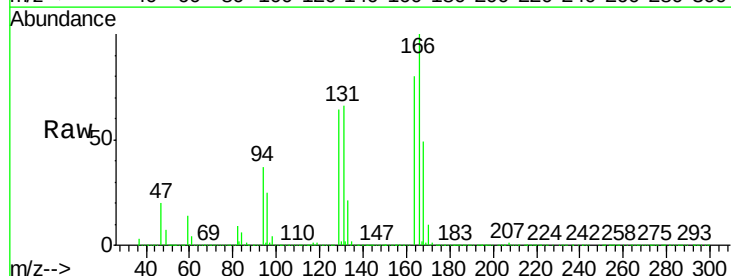
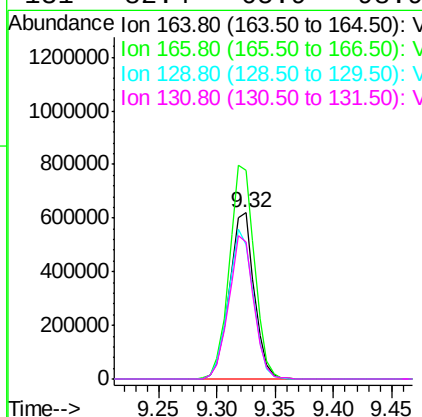
Manual Integrations  
APPROVED

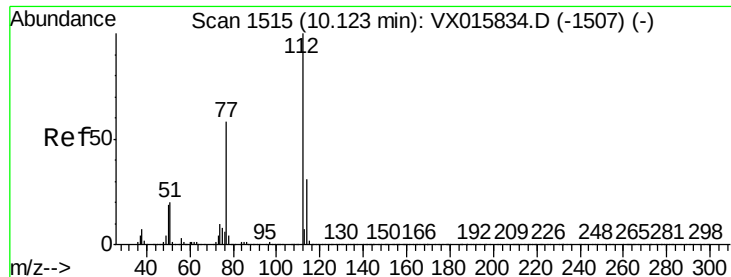
MMDadoda  
4/23/2020 11:58:08 AM



#64  
Tetrachloroethene  
Concen: 48.205 ug/l  
RT: 9.32 min Scan# 1384  
Delta R.T. 0.00 min  
Lab File: VX015834.D  
Acq: 22 Apr 2020 11:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 125.2 | 100.2 | 150.2 |
| 129     | 80.6  | 64.5  | 96.7  |
| 131     | 82.4  | 65.9  | 98.9  |





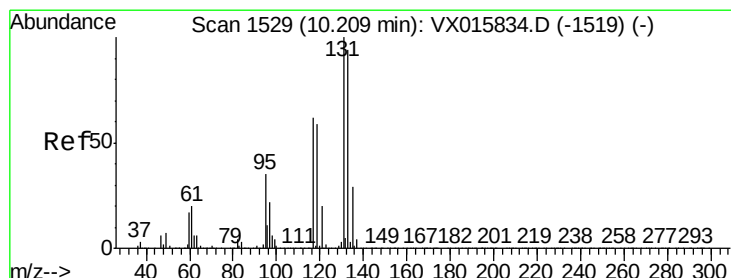
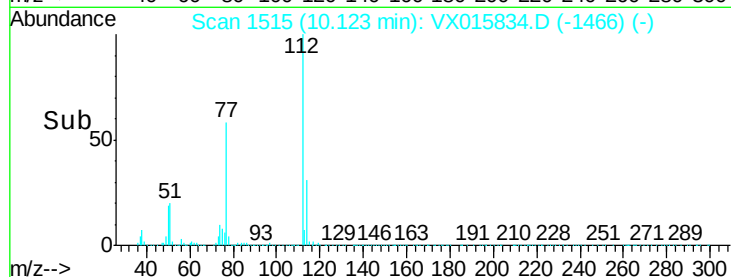
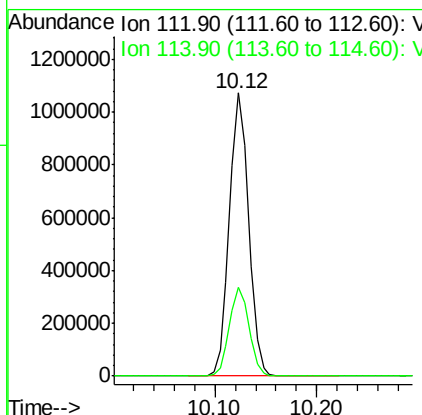
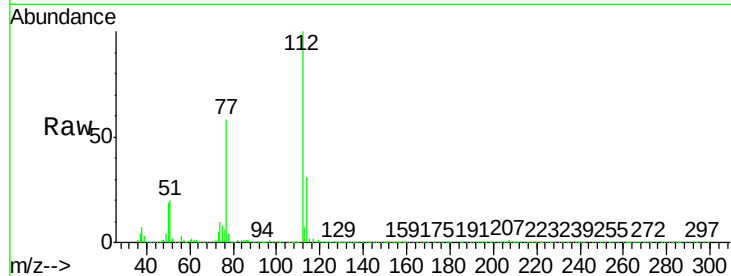
#65  
Chlorobenzene  
Concen: 50.898 ug/l  
RT: 10.12 min Scan# 1515  
Delta R.T. 0.00 min  
Lab File: VX015834.D  
Acq: 22 Apr 2020 11:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

Tot Ion:112 Resp: 1399835  
Ion Ratio Lower Upper  
112 100  
114 31.2 25.0 37.4

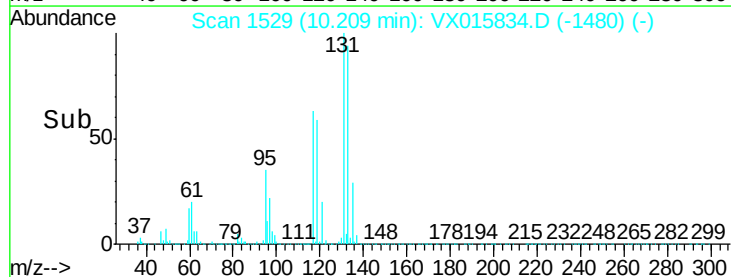
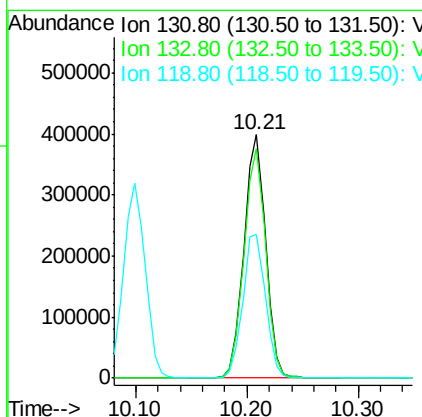
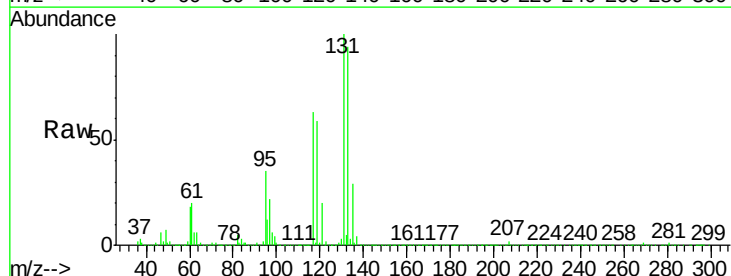
Manual Integrations  
APPROVED

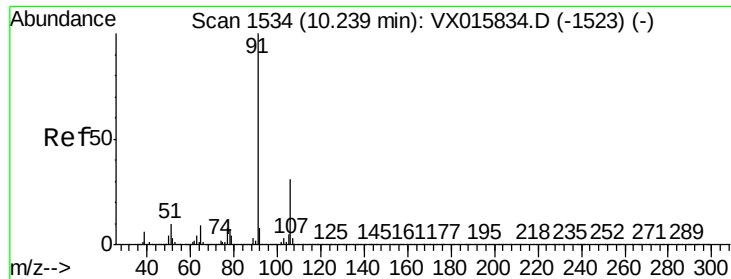
MMDadoda  
4/23/2020 11:58:08 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 53.064 ug/l  
RT: 10.21 min Scan# 1529  
Delta R.T. 0.00 min  
Lab File: VX015834.D  
Acq: 22 Apr 2020 11:06

Tgt Ion:131 Resp: 535324  
Ion Ratio Lower Upper  
131 100  
133 94.1 47.0 141.2  
119 61.9 30.9 92.8





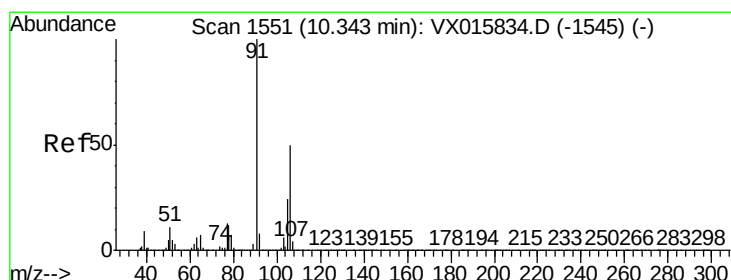
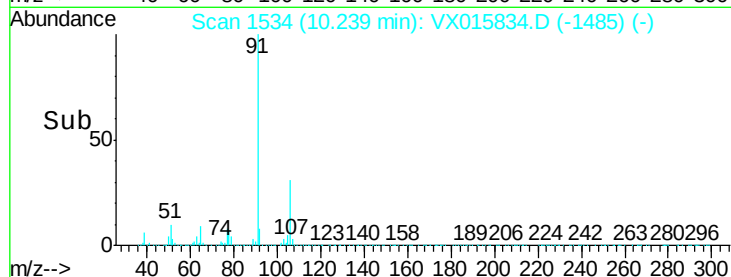
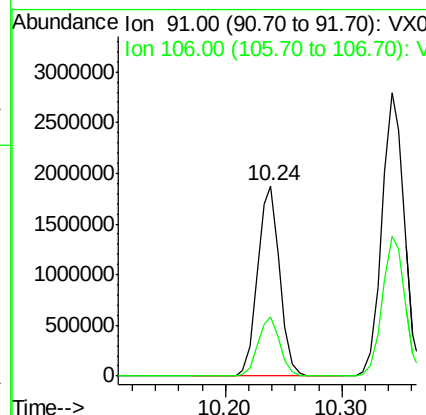
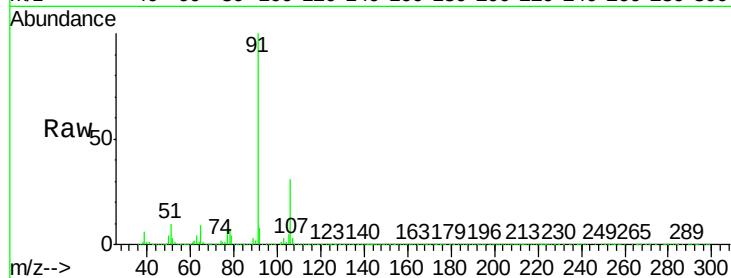
#67  
Ethyl Benzene  
Concen: 50.641 ug/l  
RT: 10.24 min Scan# 1534  
Delta R.T. 0.00 min  
Lab File: VX015834.D  
Acq: 22 Apr 2020 11:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

Tot Ion: 91 Resp: 2463360  
Ion Ratio Lower Upper  
91 100  
106 31.2 25.0 37.4

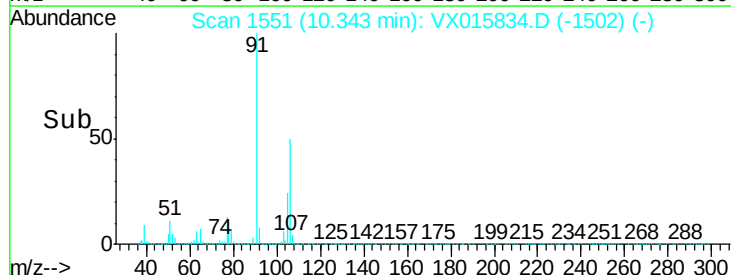
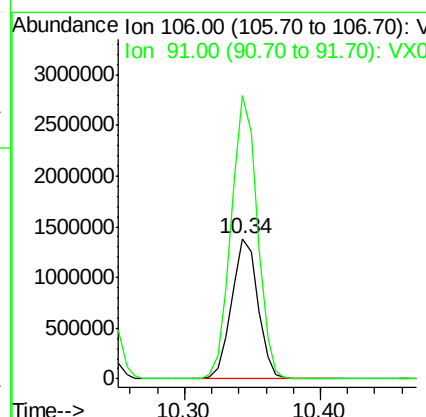
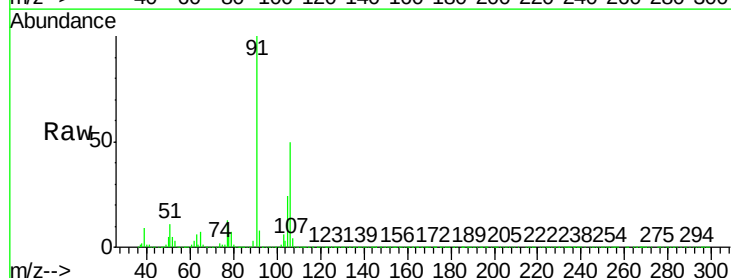
Manual Integrations  
APPROVED

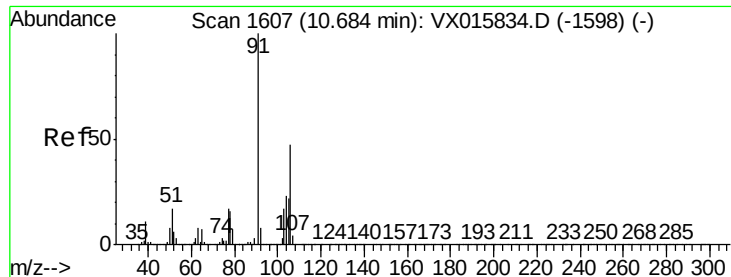
MMDadoda  
4/23/2020 11:58:08 AM



#68  
m/p-Xylenes  
Concen: 102.048 ug/l  
RT: 10.34 min Scan# 1551  
Delta R.T. 0.00 min  
Lab File: VX015834.D  
Acq: 22 Apr 2020 11:06

Tgt Ion: 106 Resp: 1855311  
Ion Ratio Lower Upper  
106 100  
91 201.4 161.1 241.7





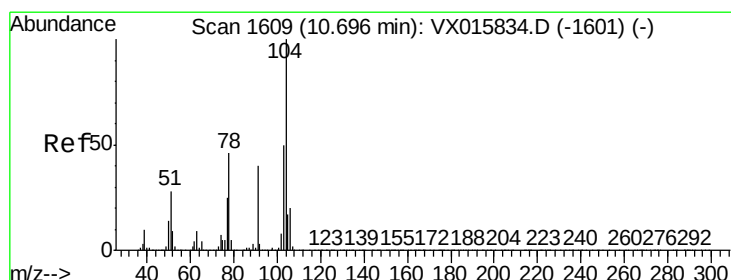
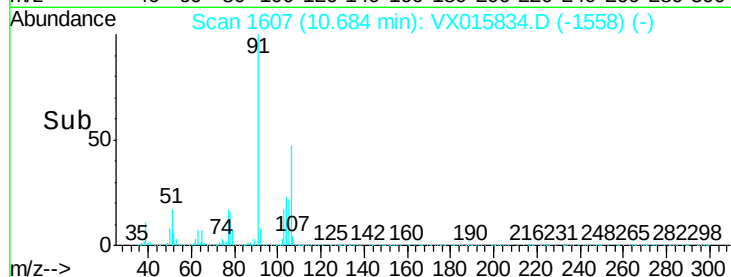
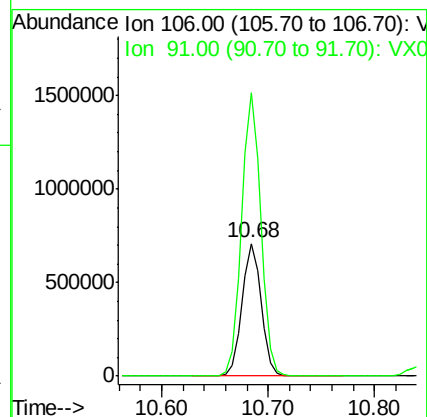
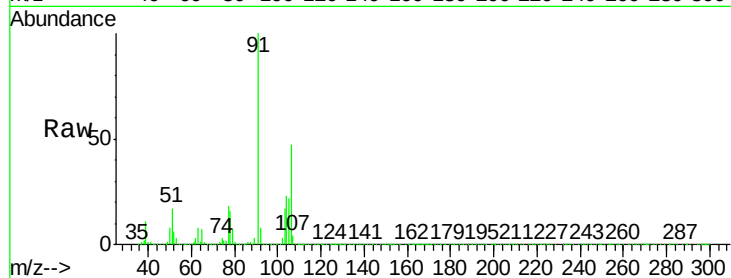
#69  
o-Xylene  
Concen: 50.245 ug/l  
RT: 10.68 min Scan# 1607  
Delta R.T. 0.00 min  
Lab File: VX015834.D  
Acq: 22 Apr 2020 11:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 106     | 100   | 896691 |       |       |
| 91      | 214.2 | 107.1  | 321.3 |       |

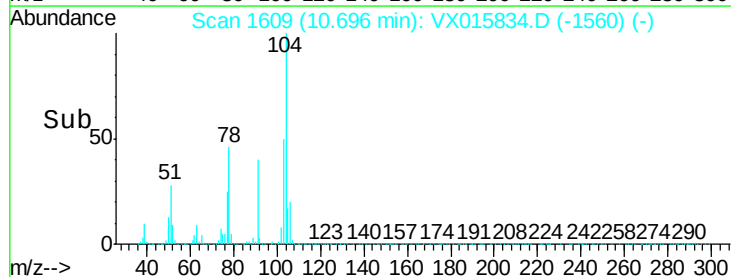
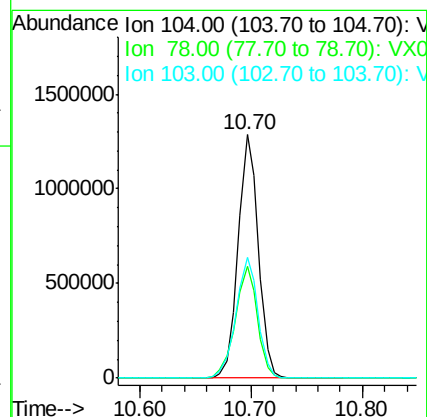
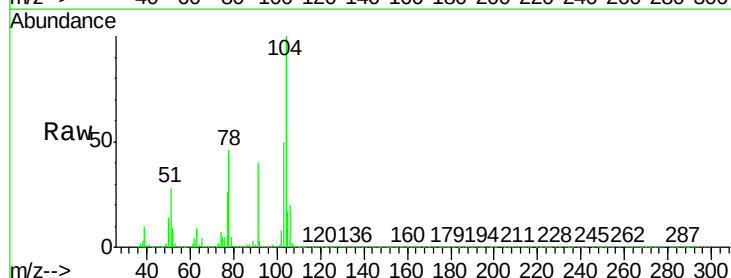
Manual Integrations  
APPROVED

MMDadoda  
4/23/2020 11:58:08 AM

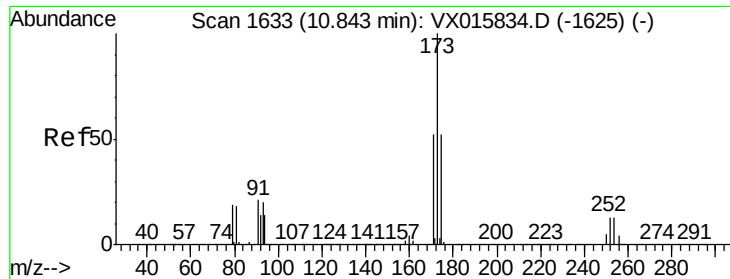


#70  
Styrene  
Concen: 52.490 ug/l  
RT: 10.70 min Scan# 1609  
Delta R.T. 0.00 min  
Lab File: VX015834.D  
Acq: 22 Apr 2020 11:06

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 104     | 100   | 1610314 |       |       |
| 78      | 50.1  | 40.1    | 60.1  |       |
| 103     | 54.1  | 43.3    | 64.9  |       |







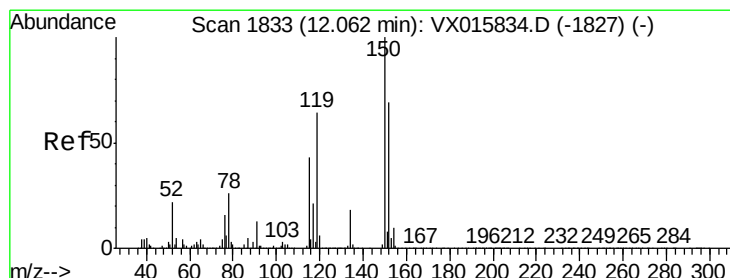
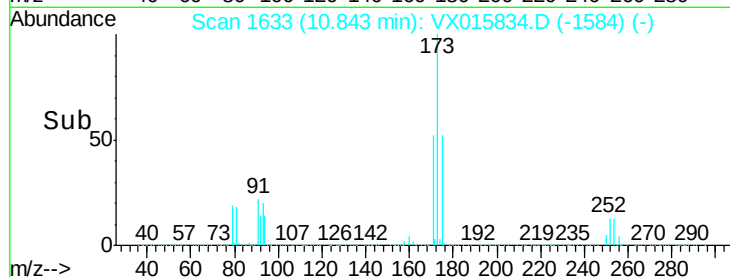
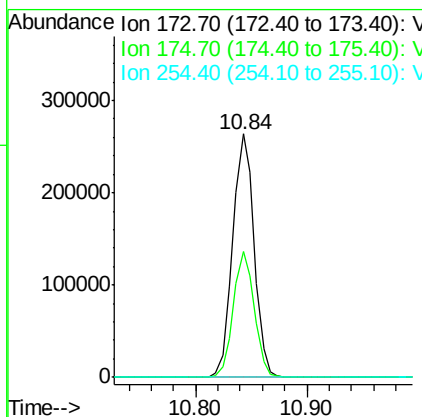
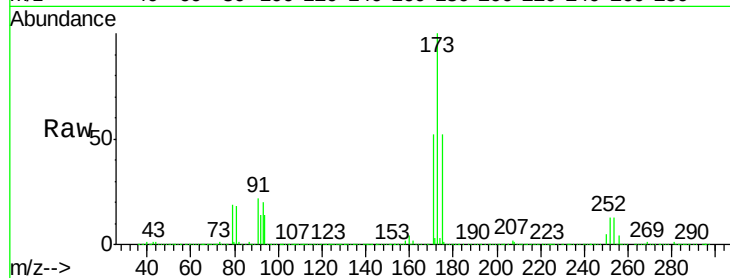
#71  
Bromoform  
Concen: 60.409 ug/l  
RT: 10.84 min Scan# 1633  
Delta R.T. 0.00 min  
Lab File: VX015834.D  
Acq: 22 Apr 2020 11:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 50.3  | 25.1  | 75.4  |
| 254     | 0.4   | 0.3   | 0.5   |

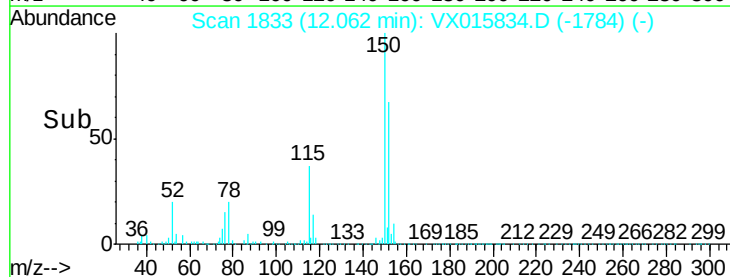
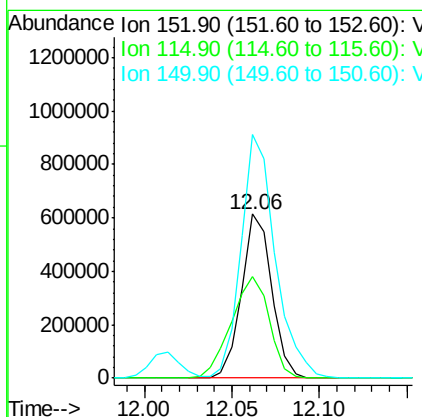
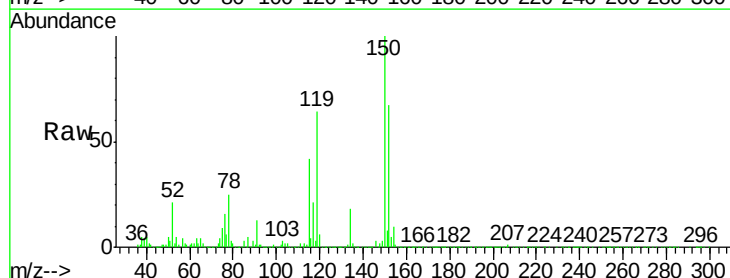
Manual Integrations  
APPROVED

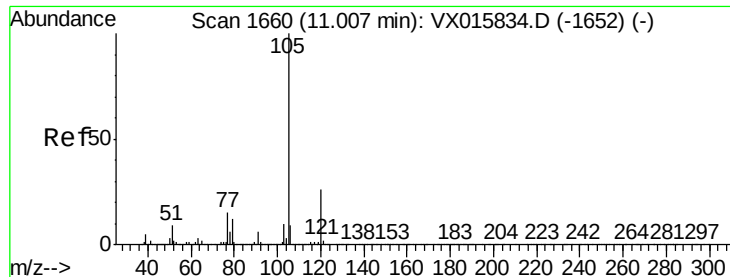
MMDadoda  
4/23/2020 11:58:08 AM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.06 min Scan# 1833  
Delta R.T. 0.00 min  
Lab File: VX015834.D  
Acq: 22 Apr 2020 11:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 77.9  | 39.0  | 116.9 |
| 150     | 168.4 | 0.0   | 336.8 |





#73

Isopropylbenzene

Concen: 52.416 ug/l

RT: 11.01 min Scan# 1660

Delta R.T. 0.00 min

Lab File: VX015834.D

Acq: 22 Apr 2020 11:06

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 2460651

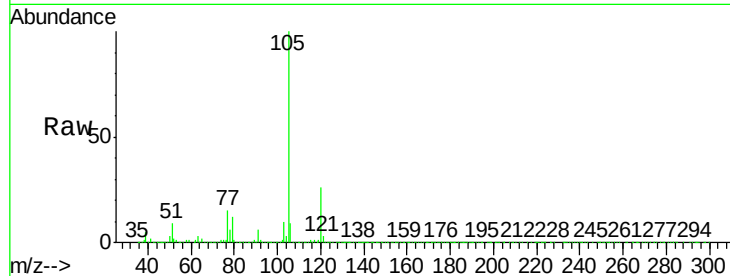
Ion Ratio Lower Upper

105 100

120 26.1 13.1 39.1

Manual Integrations  
APPROVED

MMDadoda  
4/23/2020 11:58:08 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

2000000

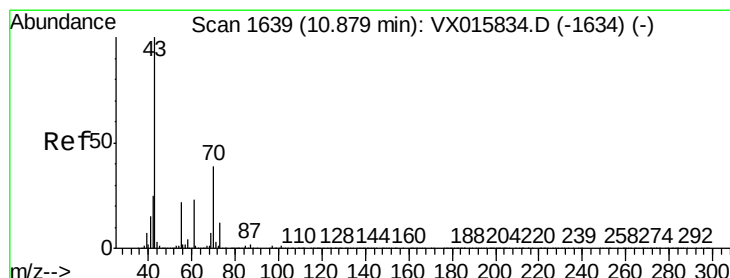
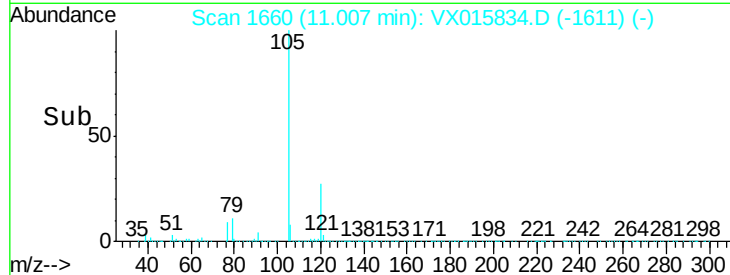
1500000

1000000

500000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 50.936 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. 0.00 min

Lab File: VX015834.D

Acq: 22 Apr 2020 11:06

Tgt Ion: 43 Resp: 1218603

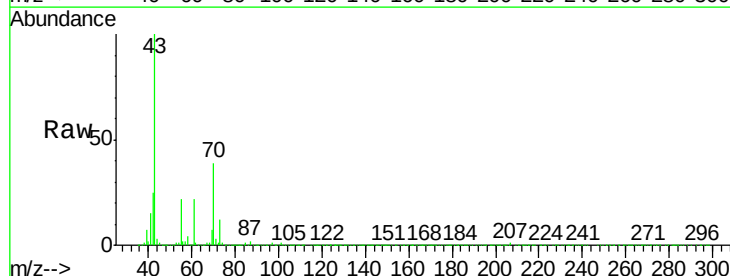
Ion Ratio Lower Upper

43 100

70 40.8 32.6 49.0

55 22.9 18.3 27.5

61 23.4 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

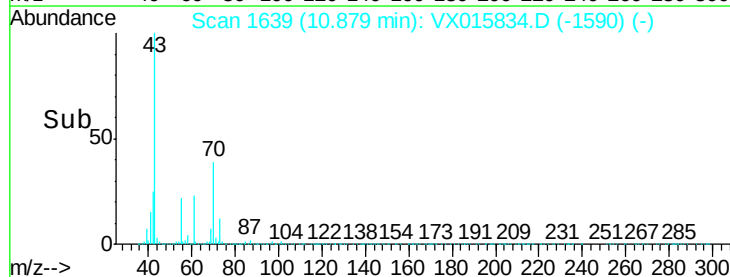
1500000

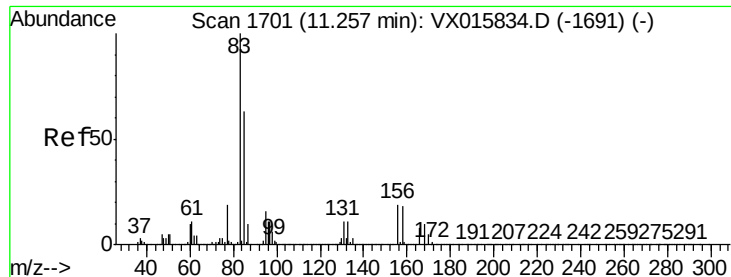
1000000

500000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 52.878 ug/l

RT: 11.26 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VX015834.D

Acq: 22 Apr 2020 11:06

Instrument :

MSVOA\_X

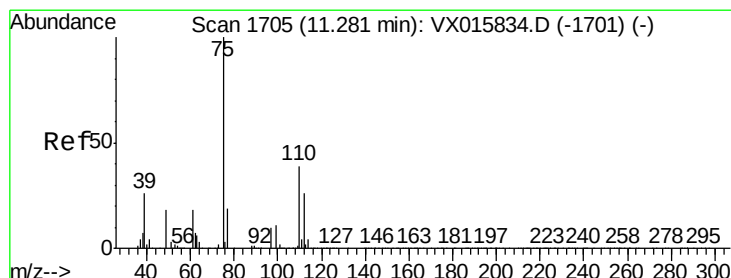
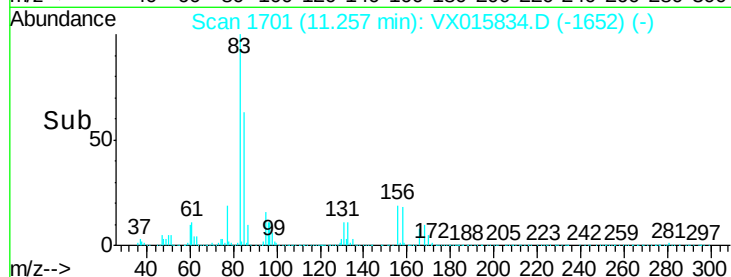
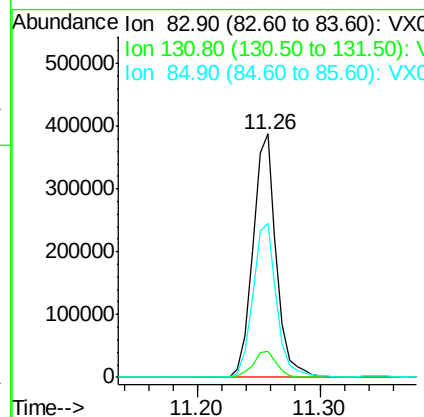
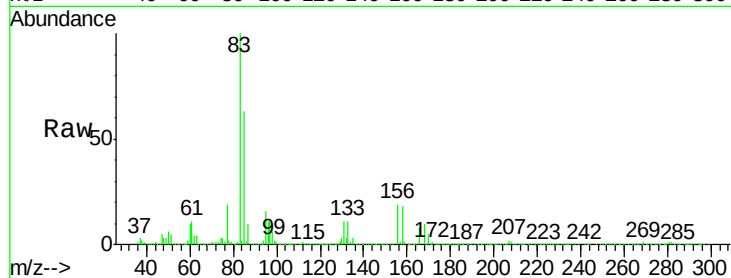
ClientSampleId :

VSTDICCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 511518 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 10.9  | 5.5   | 16.4   |
| 85        | 64.7  | 32.4  | 97.0   |

Manual Integrations  
APPROVED

MMDadoda  
4/23/2020 11:58:08 AM



#76

1,2,3-Trichloropropane

Concen: 42.381 ug/l m

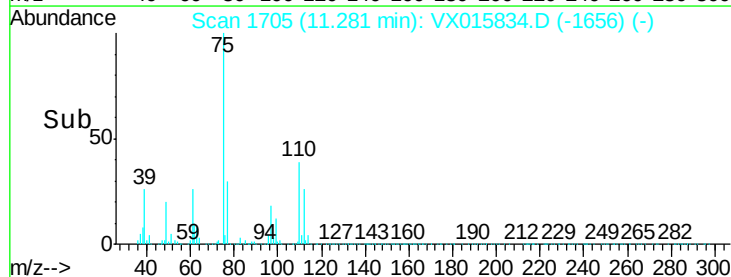
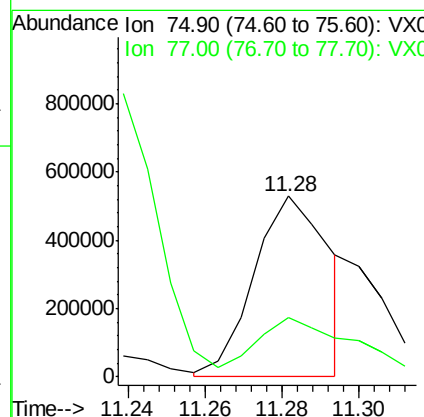
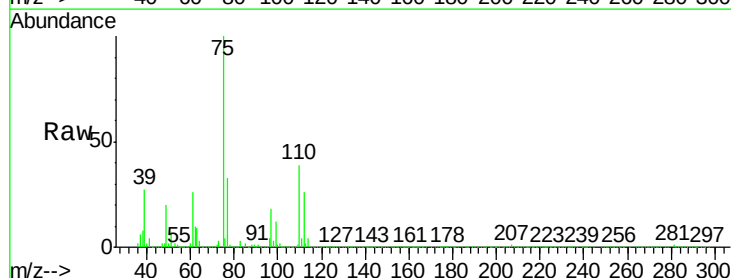
RT: 11.28 min Scan# 1705

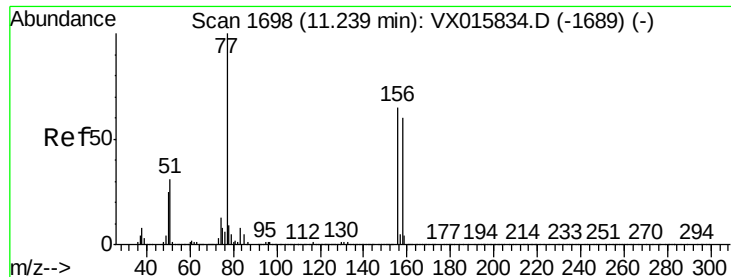
Delta R.T. 0.00 min

Lab File: VX015834.D

Acq: 22 Apr 2020 11:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 718181 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 42.6  | 21.3  | 63.9   |





#77

Bromobenzene

Concen: 52.238 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015834.D

Acq: 22 Apr 2020 11:06

Instrument :

MSVOA\_X

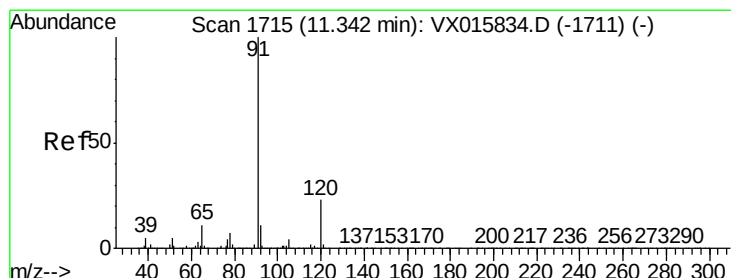
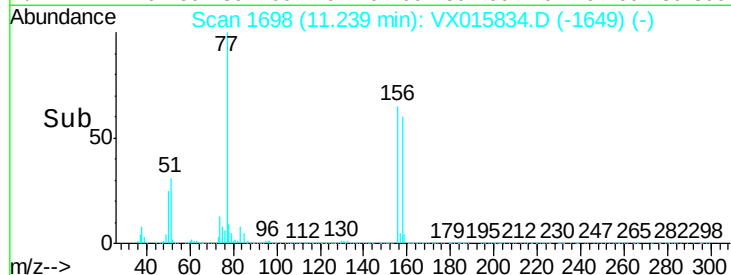
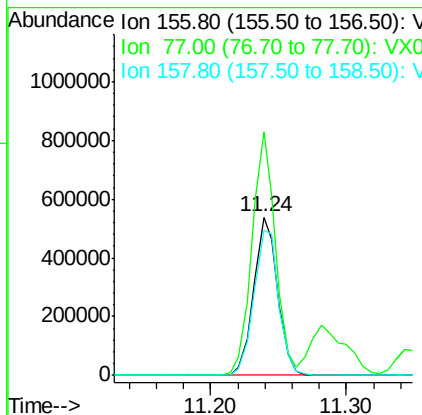
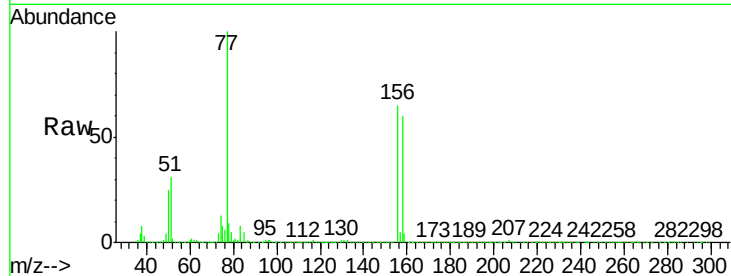
ClientSampleId :

VSTDICCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 664630 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 150.4 | 75.2  | 225.6  |
| 158       | 95.7  | 47.9  | 143.6  |

Manual Integrations  
APPROVED

MMDadoda  
4/23/2020 11:58:08 AM



#78

n-propylbenzene

Concen: 51.669 ug/l

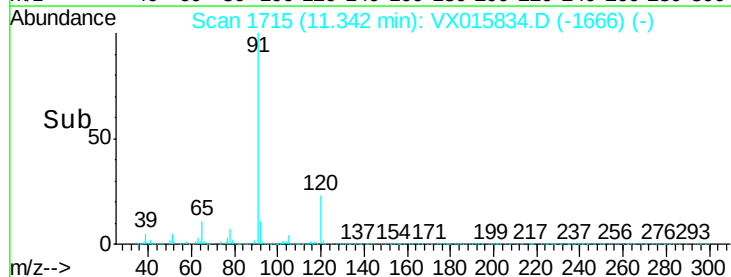
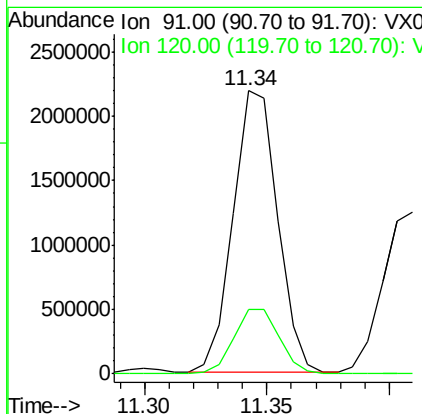
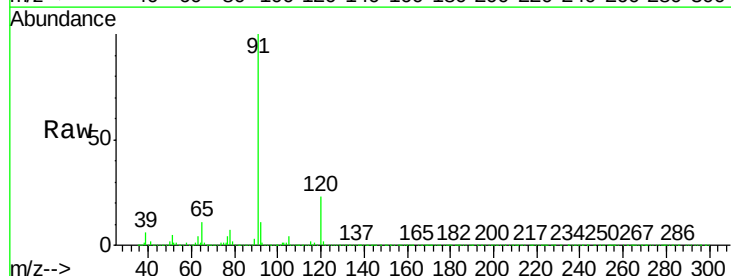
RT: 11.34 min Scan# 1715

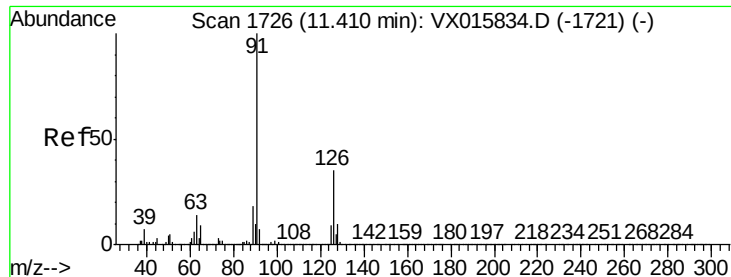
Delta R.T. 0.00 min

Lab File: VX015834.D

Acq: 22 Apr 2020 11:06

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 91    | Resp: | 2781748 |
| Ion Ratio | Lower | Upper |         |
| 91        | 100   |       |         |
| 120       | 23.4  | 11.7  | 35.1    |





#79

2-Chlorotoluene

Concen: 51.494 ug/l

RT: 11.41 min Scan# 1726

Delta R.T. 0.00 min

Lab File: VX015834.D

Acq: 22 Apr 2020 11:06

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 1650500

Ion Ratio Lower Upper

91 100

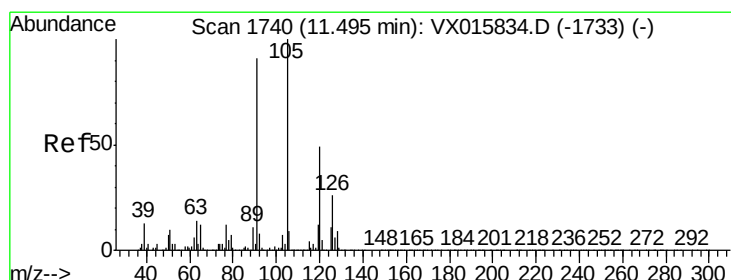
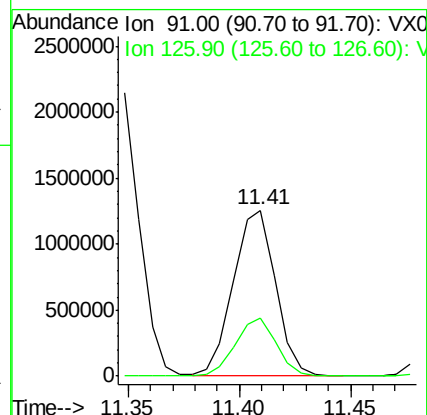
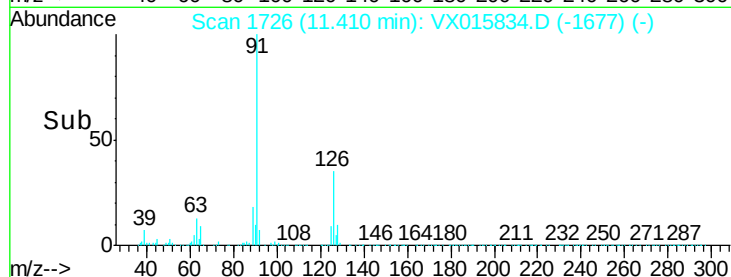
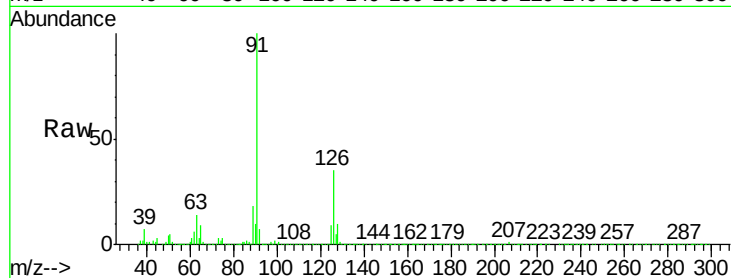
126 34.3 17.2 51.5

Manual Integrations

APPROVED

MMDadoda

4/23/2020 11:58:08 AM



#80

1,3,5-Trimethylbenzene

Concen: 52.470 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015834.D

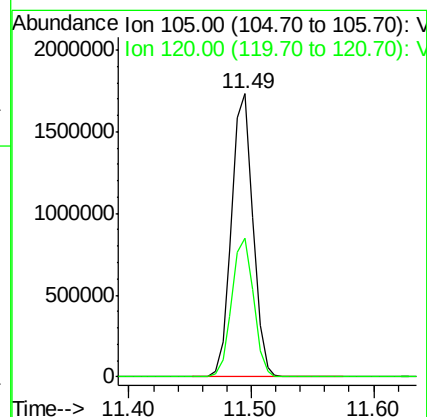
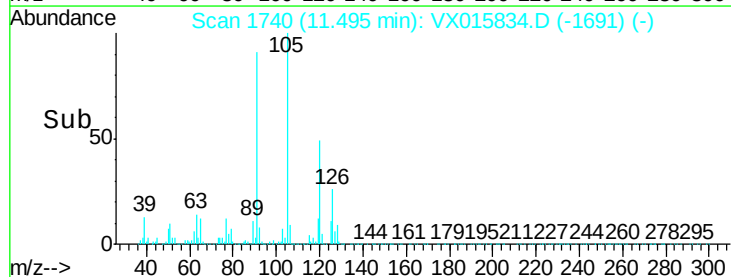
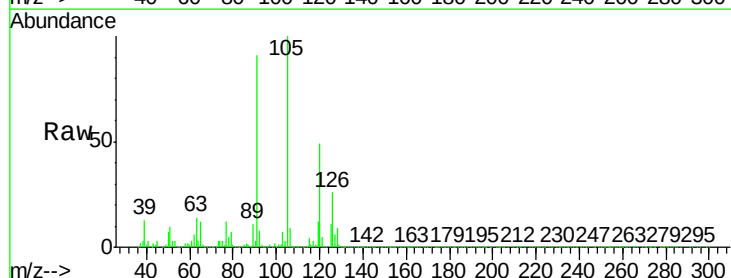
Acq: 22 Apr 2020 11:06

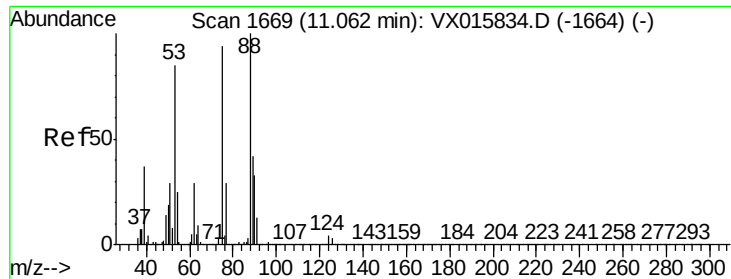
Tgt Ion: 105 Resp: 2081537

Ion Ratio Lower Upper

105 100

120 49.8 24.9 74.7





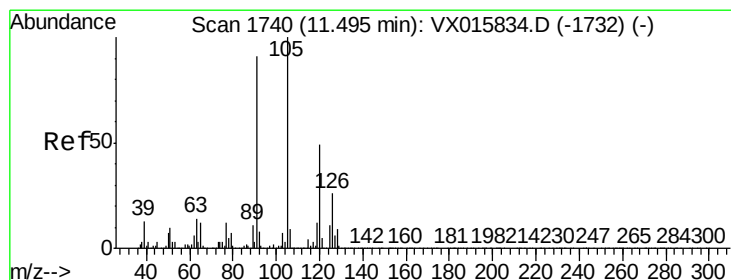
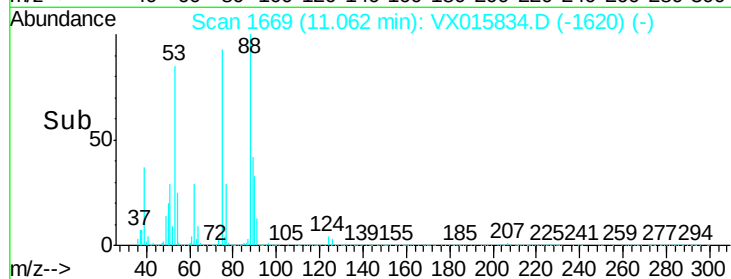
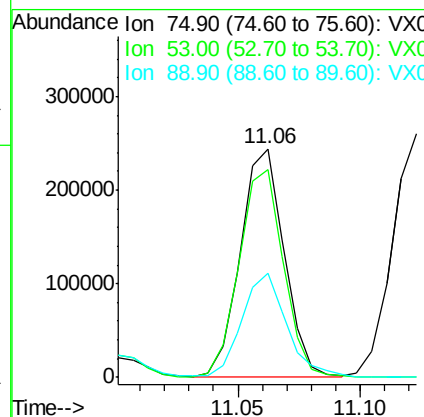
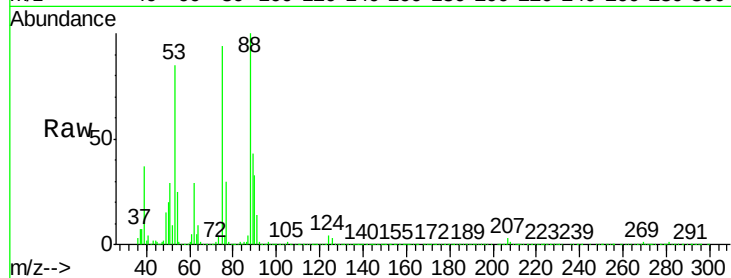
#81  
trans-1,4-Dichloro-2-butene  
Concen: 55.784 ug/l  
RT: 11.06 min Scan# 1669  
Delta R.T. 0.00 min  
Lab File: VX015834.D  
Acq: 22 Apr 2020 11:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 92.7  | 74.2  | 111.2 |
| 89      | 47.5  | 38.0  | 57.0  |

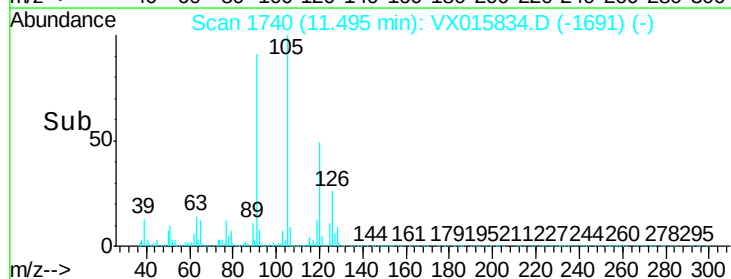
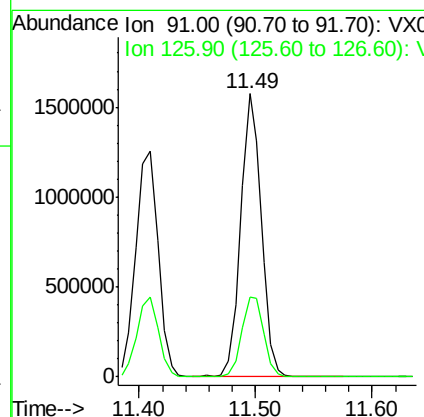
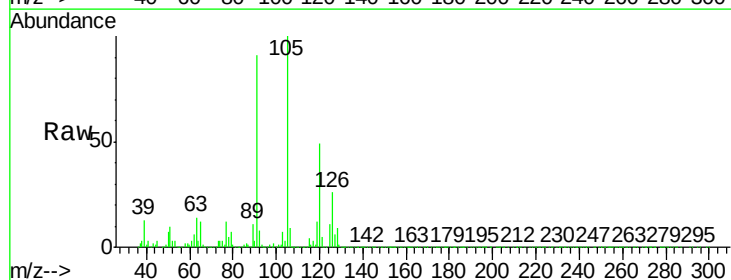
Manual Integrations  
APPROVED

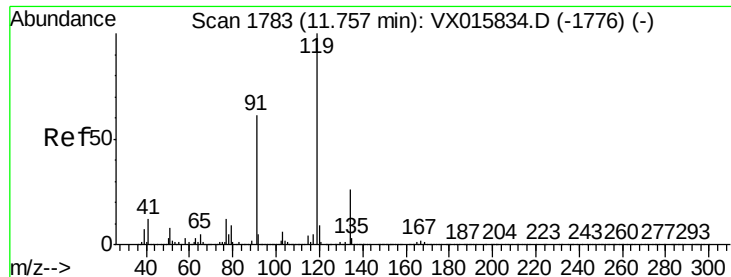
MMDadoda  
4/23/2020 11:58:08 AM



#82  
4-Chlorotoluene  
Concen: 50.842 ug/l  
RT: 11.49 min Scan# 1740  
Delta R.T. 0.00 min  
Lab File: VX015834.D  
Acq: 22 Apr 2020 11:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 30.0  | 15.0  | 45.0  |





#83

tert-Butylbenzene

Concen: 52.248 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX015834.D

Acq: 22 Apr 2020 11:06

Instrument :

MSVOA\_X

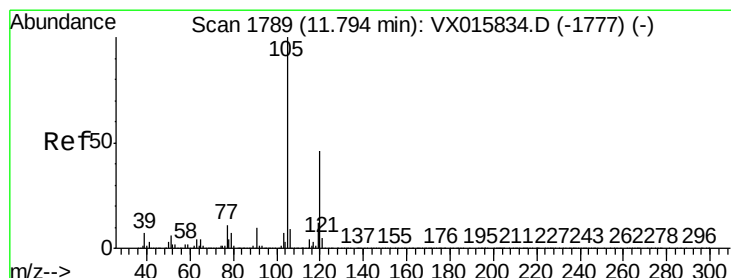
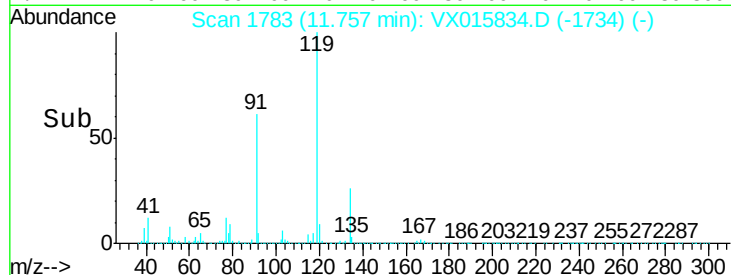
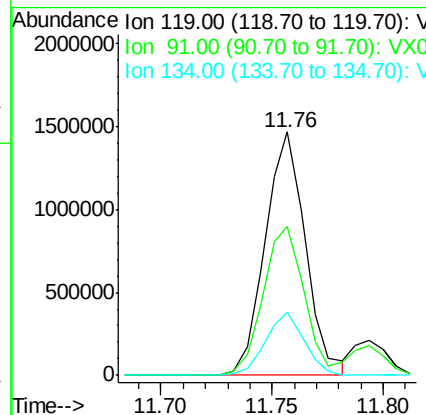
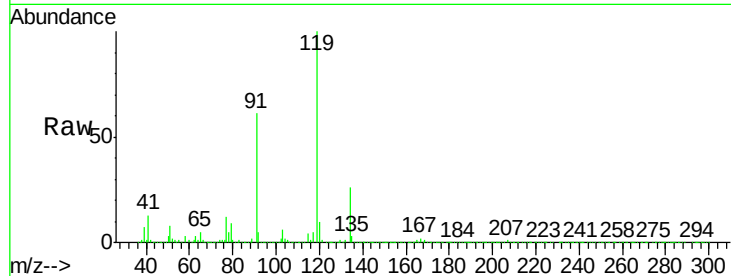
ClientSampleId :

VSTDICCC050

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 119   | Resp: | 1843323 |
| Ion      | Ratio | Lower | Upper   |
| 119      | 100   |       |         |
| 91       | 61.8  | 30.9  | 92.7    |
| 134      | 24.8  | 12.4  | 37.2    |

Manual Integrations  
APPROVED

MMDadoda  
4/23/2020 11:58:08 AM



#84

1,2,4-Trimethylbenzene

Concen: 51.436 ug/l

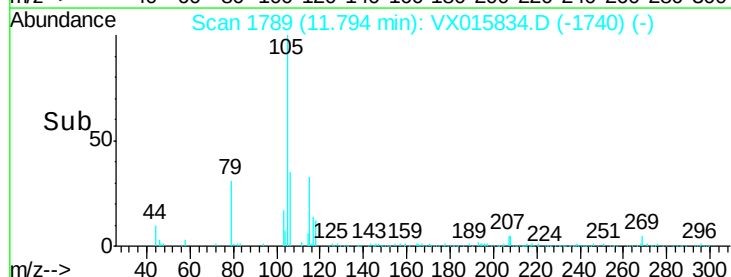
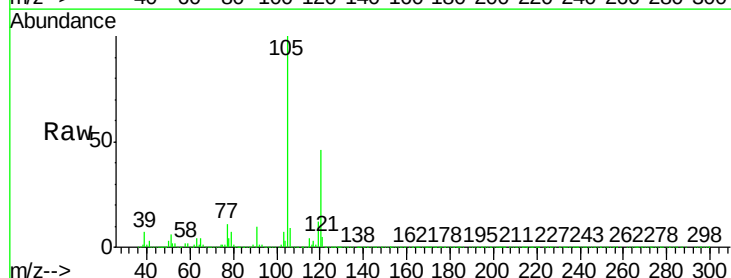
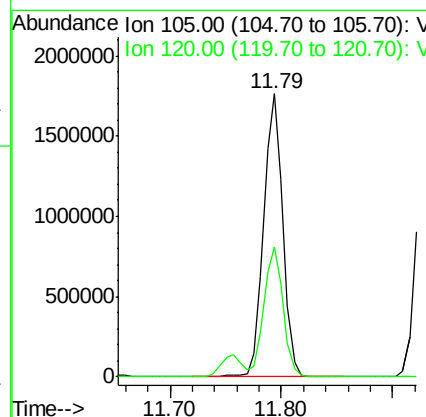
RT: 11.79 min Scan# 1789

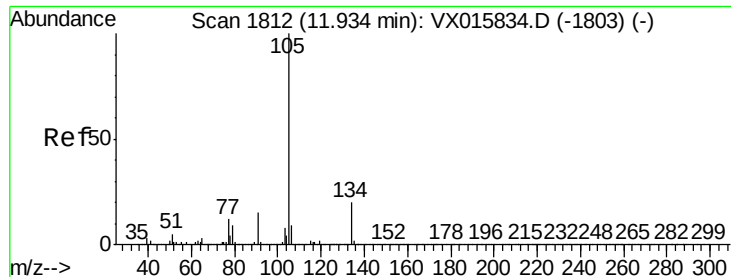
Delta R.T. 0.00 min

Lab File: VX015834.D

Acq: 22 Apr 2020 11:06

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 105   | Resp: | 2121820 |
| Ion      | Ratio | Lower | Upper   |
| 105      | 100   |       |         |
| 120      | 45.8  | 22.9  | 68.7    |





#85

sec-Butylbenzene

Concen: 51.383 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015834.D

Acq: 22 Apr 2020 11:06

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 2394752

Ion Ratio Lower Upper

105 100

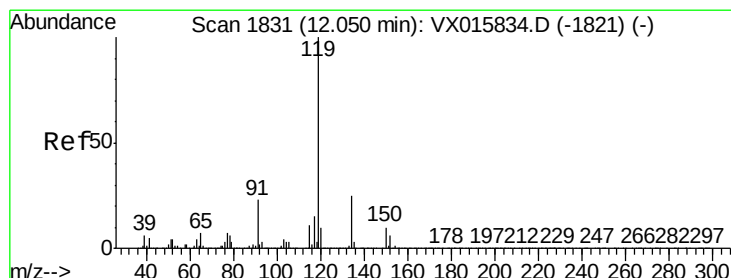
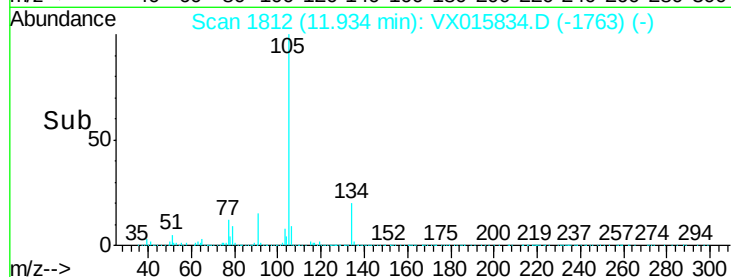
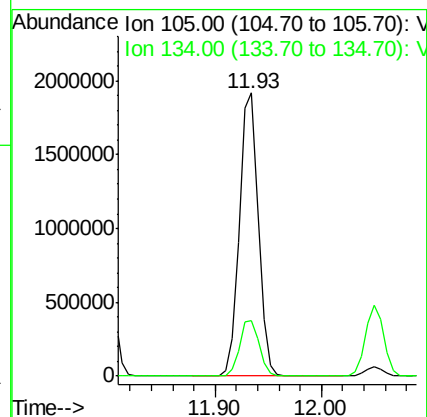
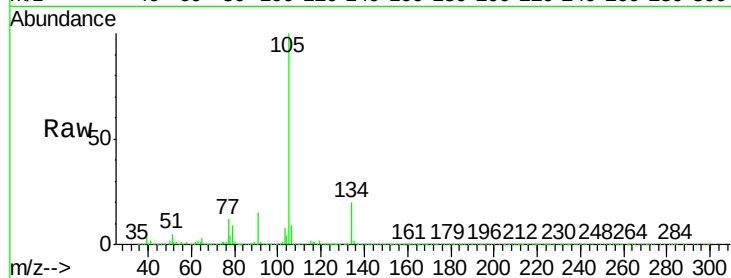
134 20.5 10.3 30.8

Manual Integrations

APPROVED

MMDadoda

4/23/2020 11:58:08 AM



#86

p-Isopropyltoluene

Concen: 52.013 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015834.D

Acq: 22 Apr 2020 11:06

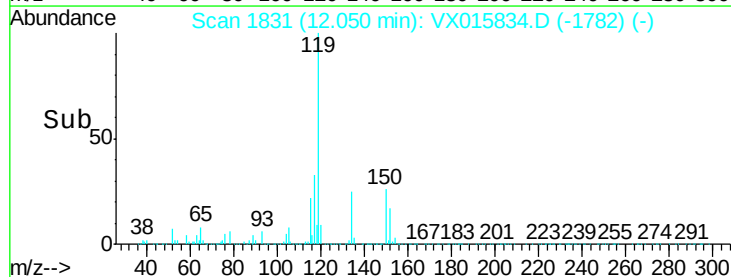
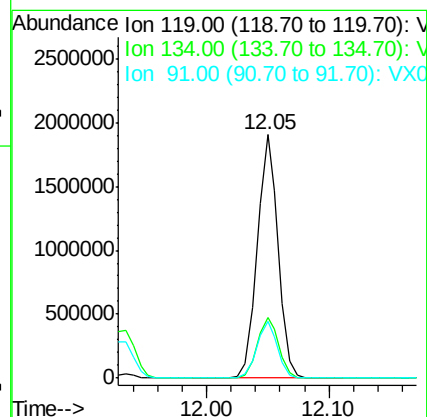
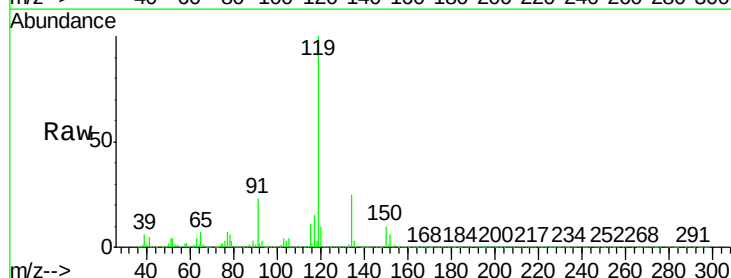
Tgt Ion:119 Resp: 2256554

Ion Ratio Lower Upper

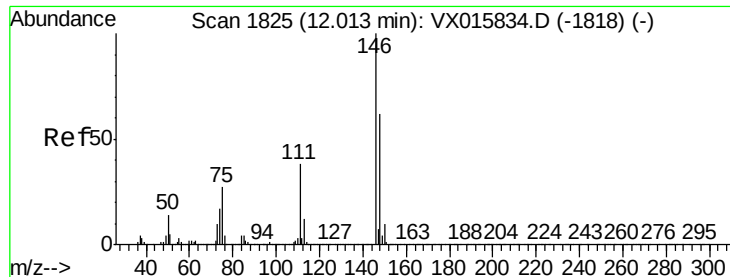
119 100

134 25.9 13.0 38.9

91 23.0 11.5 34.5







#87

1,3-Dichlorobenzene

Concen: 51.398 ug/l

RT: 12.01 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VX015834.D

Acq: 22 Apr 2020 11:06

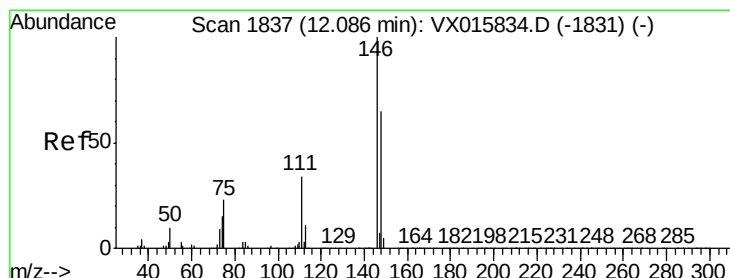
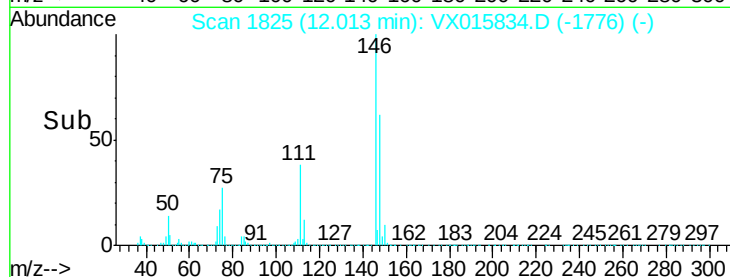
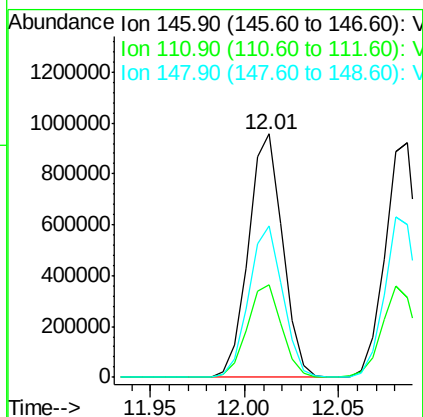
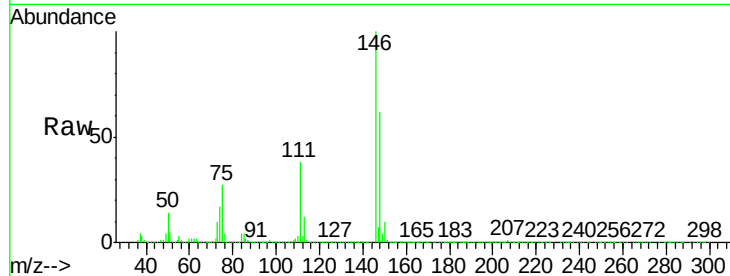
Instrument :  
MSVOA\_X

ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.1  | 19.1  | 57.1  |
| 148     | 61.8  | 30.9  | 92.7  |

Manual Integrations  
APPROVED

MMDadoda  
4/23/2020 11:58:08 AM



#88

1,4-Dichlorobenzene

Concen: 48.977 ug/l

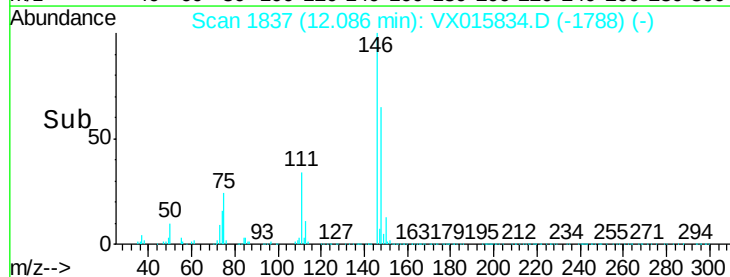
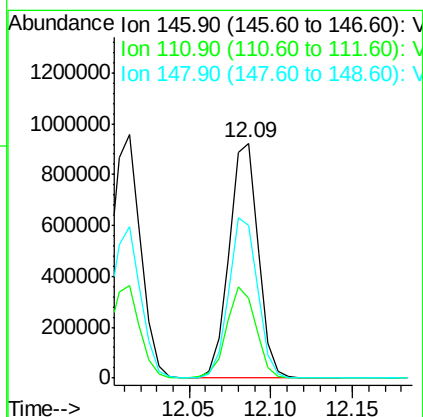
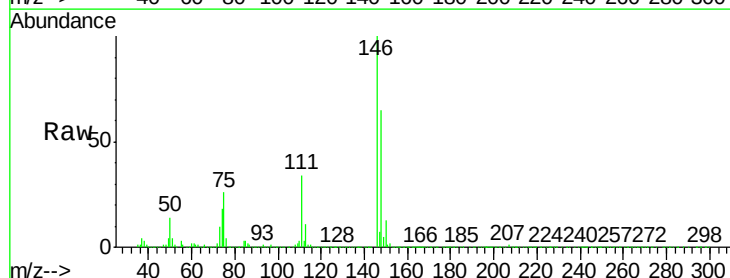
RT: 12.09 min Scan# 1837

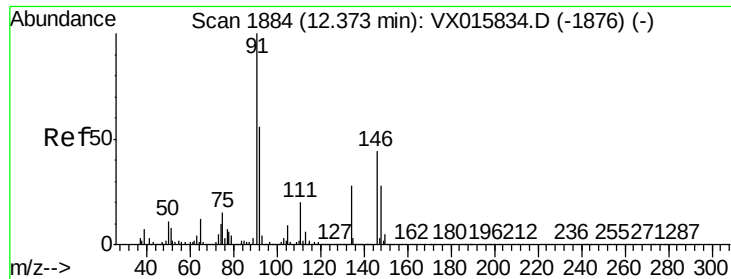
Delta R.T. 0.00 min

Lab File: VX015834.D

Acq: 22 Apr 2020 11:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.8  | 19.4  | 58.2  |
| 148     | 67.6  | 33.8  | 101.4 |





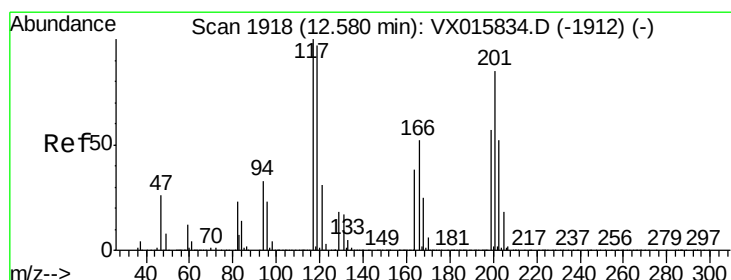
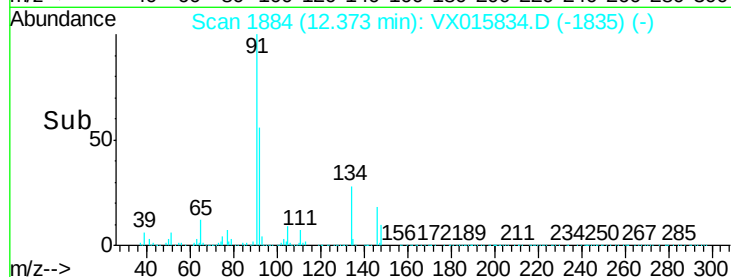
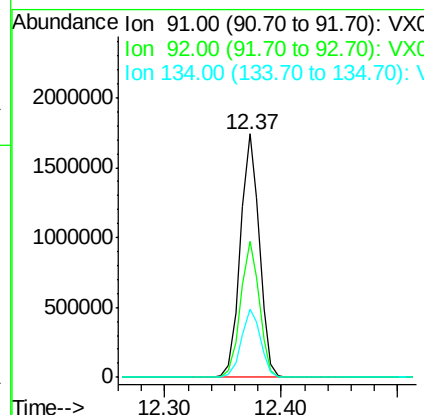
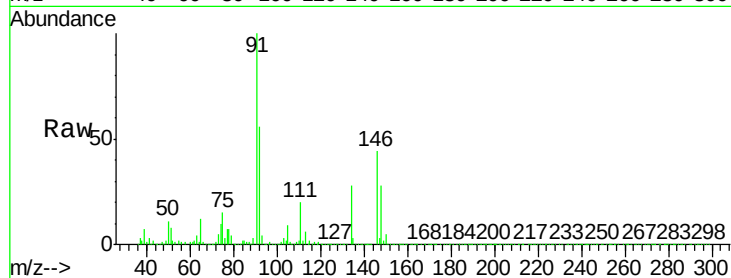
#89  
n-Butylbenzene  
Concen: 51.234 ug/l  
RT: 12.37 min Scan# 1884  
Delta R.T. 0.00 min  
Lab File: VX015834.D  
Acq: 22 Apr 2020 11:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 55.4  | 27.7  | 83.1  |
| 134     | 28.3  | 14.1  | 42.4  |

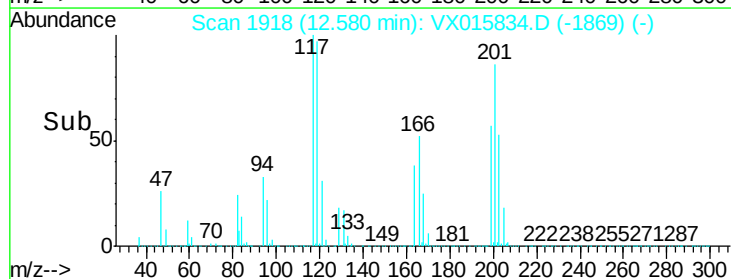
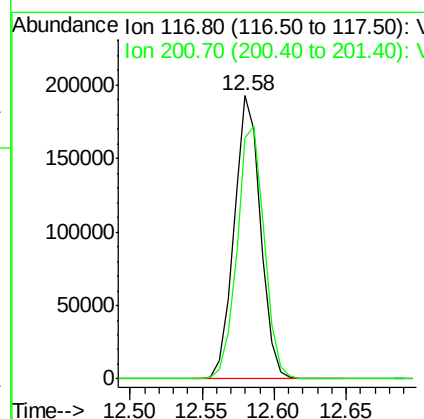
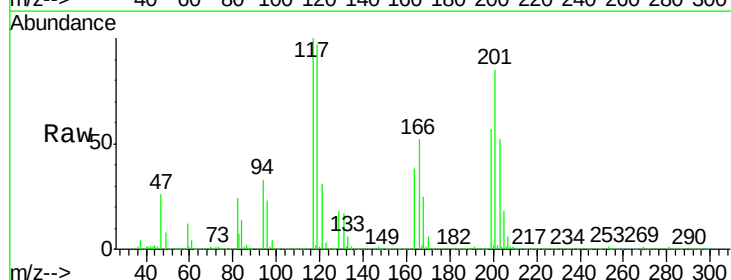
Manual Integrations  
APPROVED

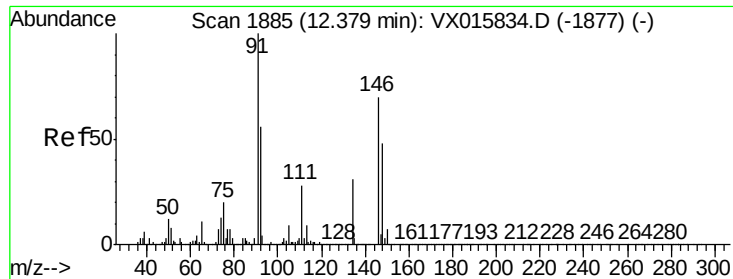
MMDadoda  
4/23/2020 11:58:08 AM



#90  
Hexachloroethane  
Concen: 64.591 ug/l  
RT: 12.58 min Scan# 1918  
Delta R.T. 0.00 min  
Lab File: VX015834.D  
Acq: 22 Apr 2020 11:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 91.3  | 45.6  | 136.9 |





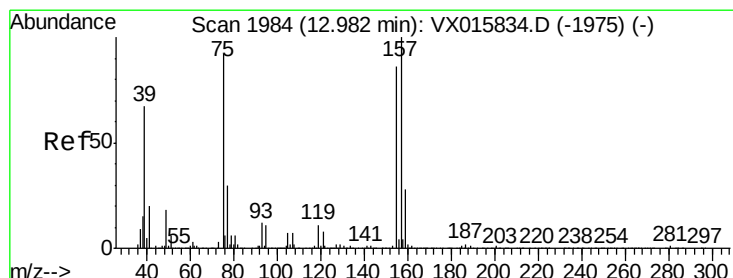
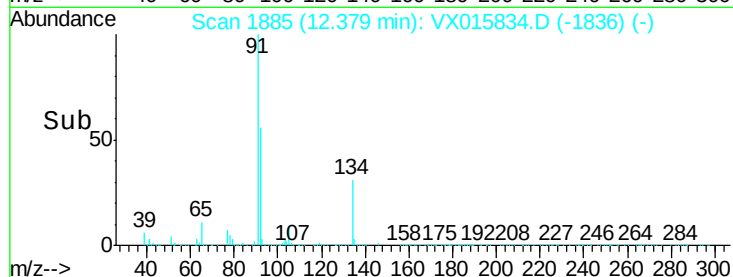
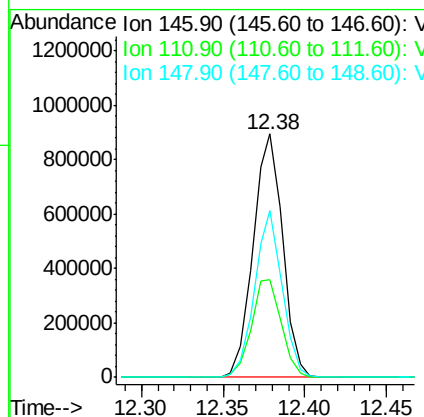
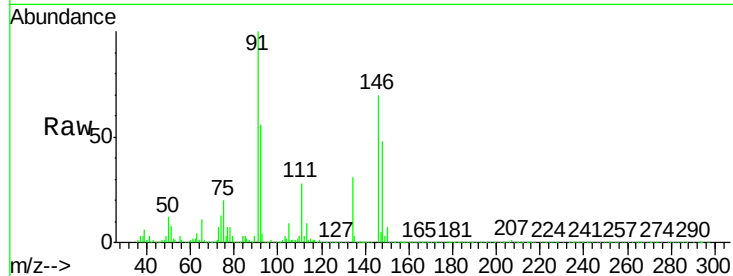
#91  
 1,2-Dichlorobenzene  
 Concen: 51.077 ug/l  
 RT: 12.38 min Scan# 1885  
 Delta R.T. 0.00 min  
 Lab File: VX015834.D  
 Acq: 22 Apr 2020 11:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.7  | 20.3  | 61.0  |
| 148     | 64.2  | 32.1  | 96.3  |

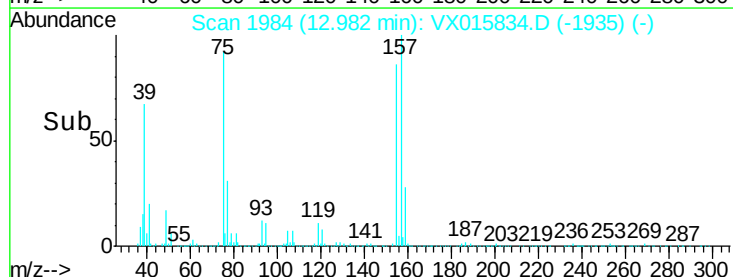
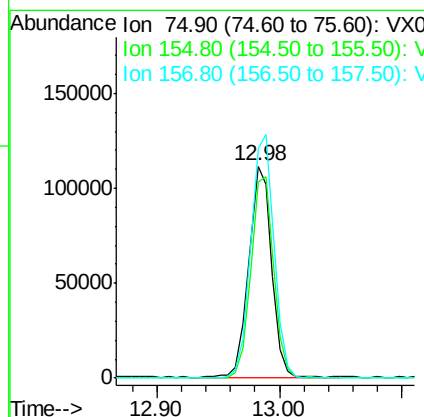
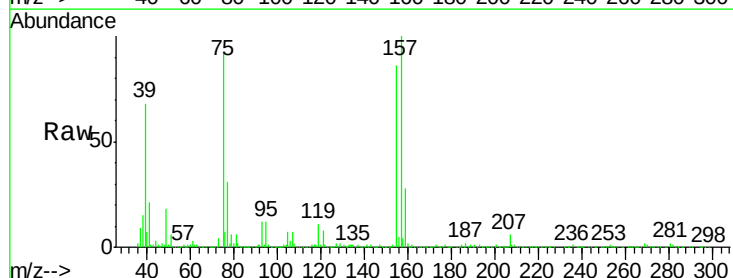
Manual Integrations  
 APPROVED

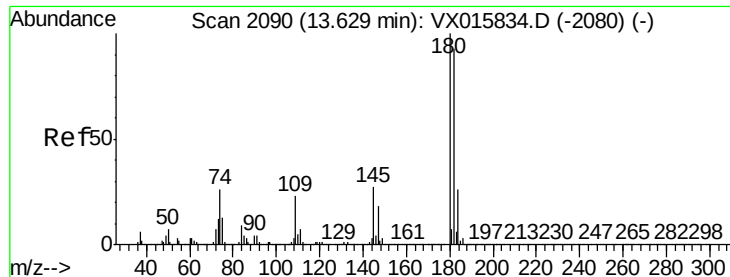
MMDadoda  
 4/23/2020 11:58:08 AM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 51.885 ug/l  
 RT: 12.98 min Scan# 1984  
 Delta R.T. 0.00 min  
 Lab File: VX015834.D  
 Acq: 22 Apr 2020 11:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 96.3  | 48.1  | 144.4 |
| 157     | 117.8 | 58.9  | 176.7 |





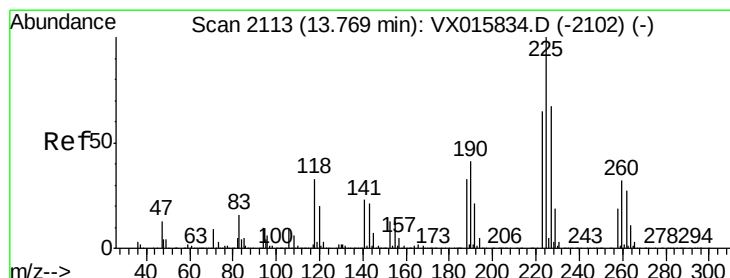
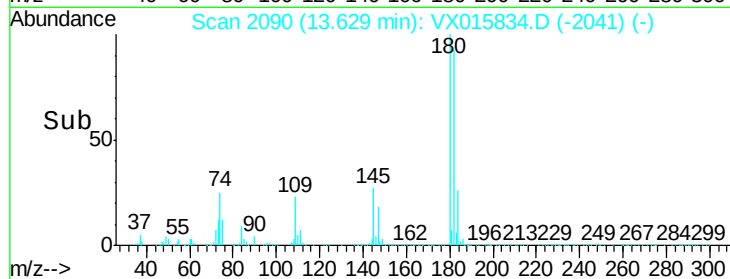
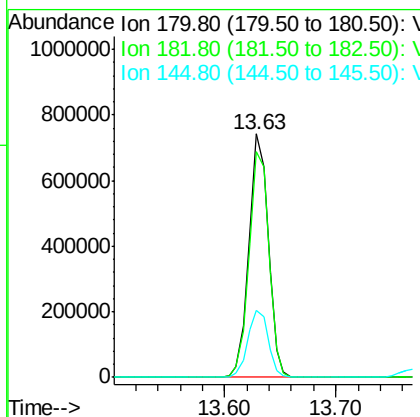
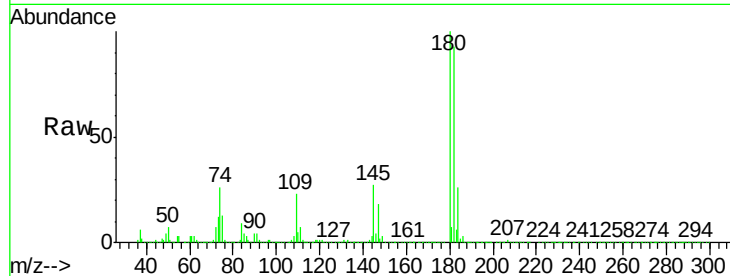
#93  
 1,2,4-Trichlorobenzene  
 Concen: 51.458 ug/l  
 RT: 13.63 min Scan# 2090  
 Delta R.T. 0.00 min  
 Lab File: VX015834.D  
 Acq: 22 Apr 2020 11:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 897280 |       |       |
| 182     | 95.4  | 47.7   | 143.1 |       |
| 145     | 29.0  | 14.5   | 43.5  |       |

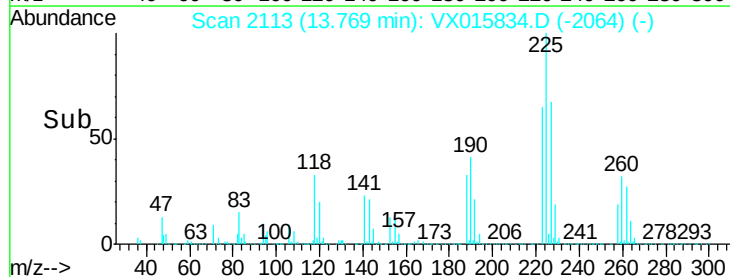
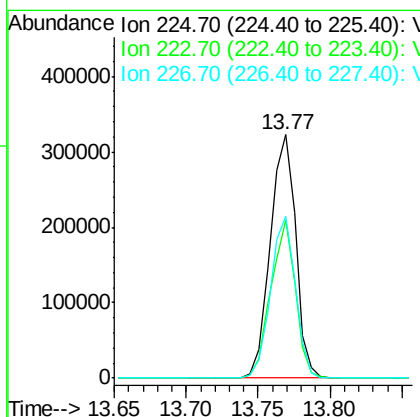
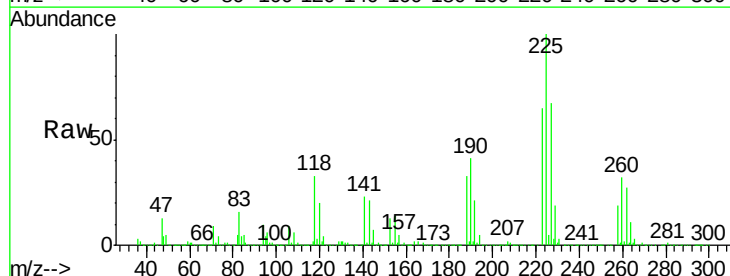
Manual Integrations  
 APPROVED

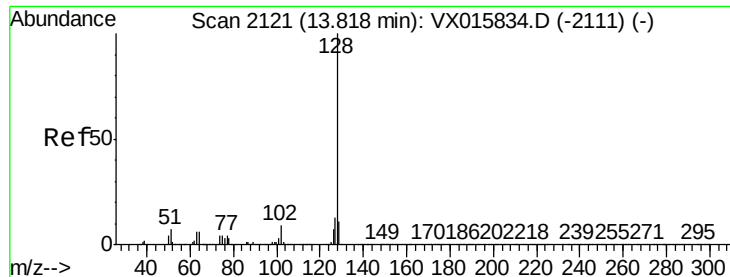
MMDadoda  
 4/23/2020 11:58:08 AM



#94  
 Hexachlorobutadiene  
 Concen: 50.943 ug/l  
 RT: 13.77 min Scan# 2113  
 Delta R.T. 0.00 min  
 Lab File: VX015834.D  
 Acq: 22 Apr 2020 11:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 395208 |       |       |
| 223     | 62.5  | 31.3   | 93.8  |       |
| 227     | 65.2  | 32.6   | 97.8  |       |





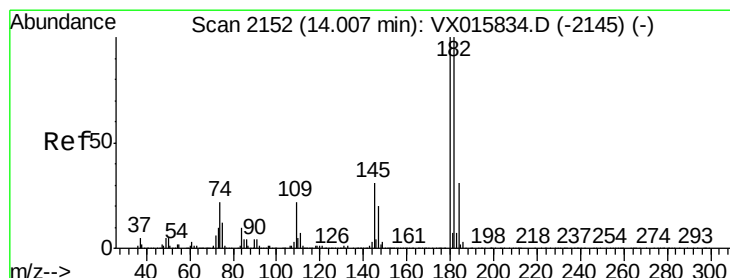
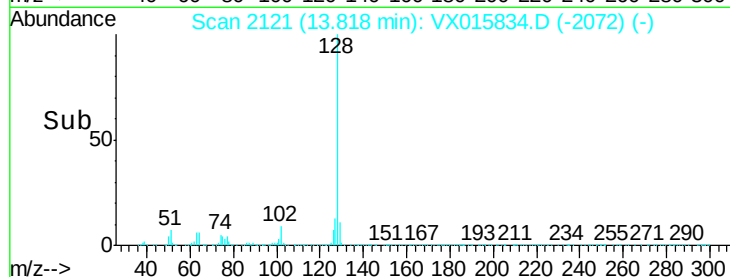
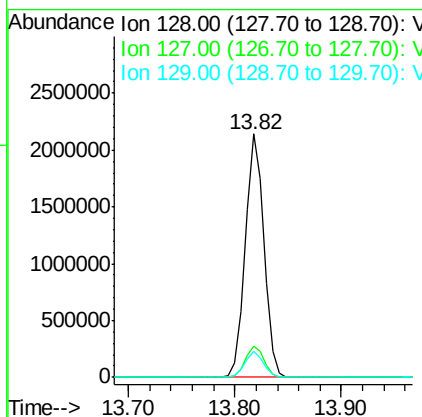
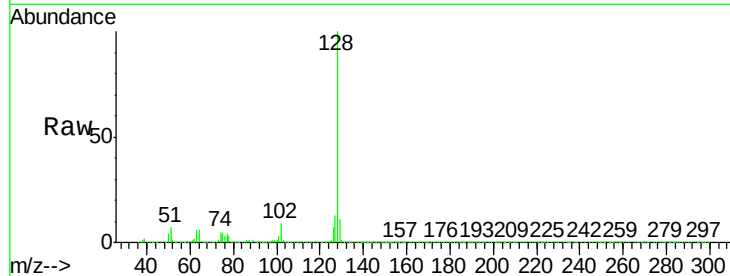
#95  
Naphthalene  
Concen: 52.706 ug/l  
RT: 13.82 min Scan# 2121  
Delta R.T. 0.00 min  
Lab File: VX015834.D  
Acq: 22 Apr 2020 11:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.1  | 10.5  | 15.7  |
| 129     | 10.6  | 8.5   | 12.7  |

Manual Integrations  
APPROVED

MMDadoda  
4/23/2020 11:58:08 AM



#96  
1,2,3-Trichlorobenzene  
Concen: 51.566 ug/l  
RT: 14.01 min Scan# 2152  
Delta R.T. 0.00 min  
Lab File: VX015834.D  
Acq: 22 Apr 2020 11:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.8  | 47.9  | 143.7 |
| 145     | 30.3  | 15.2  | 45.5  |

