

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121719\  
 Data File : VX014065.D  
 Acq On : 17 Dec 2019 20:29  
 Operator : JC/SP  
 Sample : K6251-14MS  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW202D-20191207MS

Manual Integrations  
 APPROVED

apatel  
 12/18/2019 11:04:32 AM

Quant Time: Dec 18 08:00:59 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X121319W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 17 03:01:07 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.65  | 168  | 521440   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 830869   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 753067   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152  | 365706   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 6.05   | 65  | 294211   | 49.78 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.56% |      |
| 35) Dibromofluoromethane  | 5.49   | 113 | 243965   | 48.30 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.60% |      |
| 50) Toluene-d8            | 8.71   | 98  | 946025   | 48.11 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.22% |      |
| 62) 4-Bromofluorobenzene  | 11.14  | 95  | 330400   | 45.97 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 91.94% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.19 | 85  | 226704  | 48.597  | ug/l | 98     |
| 3) Chloromethane              | 1.32 | 50  | 314313  | 50.206  | ug/l | 100    |
| 4) Vinyl Chloride             | 1.40 | 62  | 325495  | 49.273  | ug/l | 100    |
| 5) Bromomethane               | 1.63 | 94  | 205594  | 43.850  | ug/l | 99     |
| 6) Chloroethane               | 1.71 | 64  | 205108  | 50.308  | ug/l | 94     |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 424035  | 51.854  | ug/l | 98     |
| 8) Diethyl Ether              | 2.18 | 74  | 186613  | 48.624  | ug/l | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 236168  | 47.910  | ug/l | 99     |
| 10) Methyl Iodide             | 2.50 | 142 | 328727  | 50.538  | ug/l | 99     |
| 11) Tert butyl alcohol        | 3.03 | 59  | 367986  | 288.171 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 2.36 | 96  | 249988  | 49.839  | ug/l | 99     |
| 13) Acrolein                  | 2.28 | 56  | 234755  | 321.151 | ug/l | 97     |
| 14) Allyl chloride            | 2.72 | 41  | 427311  | 47.713  | ug/l | 99     |
| 15) Acrylonitrile             | 3.13 | 53  | 825552  | 276.980 | ug/l | 99     |
| 16) Acetone                   | 2.43 | 43  | 728721  | 189.933 | ug/l | 99     |
| 17) Carbon Disulfide          | 2.56 | 76  | 668937  | 48.068  | ug/l | 100    |
| 18) Methyl Acetate            | 2.76 | 43  | 331795  | 43.642  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 3.18 | 73  | 842194  | 51.096  | ug/l | 100    |
| 20) Methylene Chloride        | 2.84 | 84  | 288518  | 47.754  | ug/l | 98     |
| 21) trans-1,2-Dichloroethene  | 3.15 | 96  | 267608  | 48.427  | ug/l | 100    |
| 22) Diisopropyl ether         | 3.84 | 45  | 914724  | 51.255  | ug/l | 95     |
| 23) Vinyl Acetate             | 3.80 | 43  | 3119893 | 214.221 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 3.69 | 63  | 517627  | 52.132  | ug/l | 100    |
| 25) 2-Butanone                | 4.66 | 43  | 1168242 | 246.973 | ug/l | 99     |
| 26) 2,2-Dichloropropane       | 4.58 | 77  | 193849  | 25.145  | ug/l | 93     |
| 27) cis-1,2-Dichloroethene    | 4.59 | 96  | 361117  | 57.782  | ug/l | 93     |
| 28) Bromochloromethane        | 5.00 | 49  | 200655  | 52.524  | ug/l | 99     |
| 29) Tetrahydrofuran           | 5.11 | 42  | 761892  | 287.969 | ug/l | 98     |
| 30) Chloroform                | 5.20 | 83  | 477619  | 50.743  | ug/l | 98     |
| 31) Cyclohexane               | 5.57 | 56  | 445130  | 50.405  | ug/l | 99     |
| 32) 1,1,1-Trichloroethane     | 5.48 | 97  | 400496  | 49.924  | ug/l | 98     |
| 36) 1,1-Dichloropropene       | 5.79 | 75  | 357704  | 46.920  | ug/l | 99     |
| 37) Ethyl Acetate             | 4.82 | 43  | 368969  | 43.827  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 333758  | 48.057  | ug/l | 98     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX121719\  
 Data File : VX014065.D  
 Acq On : 17 Dec 2019 20:29  
 Operator : JC/SP  
 Sample : K6251-14MS  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 MW202D-20191207MS

Manual Integrations  
 APPROVED

apatel  
 12/18/2019 11:04:32 AM

Quant Time: Dec 18 08:00:59 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X121319W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 17 03:01:07 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units | Dev(Min) |
|--------------------------------|-------|------|----------|----------|-------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 423555   | 44.995   | ug/l  | 98       |
| 40) Benzene                    | 6.13  | 78   | 1119667  | 47.732   | ug/l  | 100      |
| 41) Methacrylonitrile          | 5.03  | 41   | 244382   | 52.318   | ug/l  | 98       |
| 42) 1,2-Dichloroethane         | 6.18  | 62   | 383731   | 48.259   | ug/l  | 99       |
| 43) Isopropyl Acetate          | 6.43  | 43   | 621347   | 44.597   | ug/l  | 99       |
| 44) Trichloroethene            | 7.20  | 130  | 577078   | 89.068   | ug/l  | 98       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 293965   | 48.894   | ug/l  | 99       |
| 46) Dibromomethane             | 7.65  | 93   | 188702   | 47.472   | ug/l  | 99       |
| 47) Bromodichloromethane       | 7.89  | 83   | 367375   | 49.073   | ug/l  | 99       |
| 48) Methyl methacrylate        | 7.76  | 41   | 349921   | 51.290   | ug/l  | 100      |
| 49) 1,4-Dioxane                | 7.73  | 88   | 158472   | 1141.423 | ug/l  | 99       |
| 51) 4-Methyl-2-Pentanone       | 8.64  | 43   | 2290431  | 261.767  | ug/l  | 99       |
| 52) Toluene                    | 8.78  | 92   | 708047   | 47.755   | ug/l  | 99       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 367774   | 44.802   | ug/l  | 100      |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 406634   | 44.464   | ug/l  | 99       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 283098   | 47.641   | ug/l  | 99       |
| 56) Ethyl methacrylate         | 9.17  | 69   | 468164   | 50.155   | ug/l  | 100      |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 487651   | 48.775   | ug/l  | 100      |
| 59) 2-Hexanone                 | 9.48  | 43   | 1777719  | 252.385  | ug/l  | 100      |
| 60) Dibromochloromethane       | 9.58  | 129  | 294894   | 49.925   | ug/l  | 99       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 300097   | 49.358   | ug/l  | 100      |
| 64) Tetrachloroethene          | 9.33  | 164  | 349512   | 52.450   | ug/l  | 99       |
| 65) Chlorobenzene              | 10.14 | 112  | 746839   | 46.642   | ug/l  | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.21 | 131  | 275458   | 48.180   | ug/l  | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 1312024  | 47.661   | ug/l  | 100      |
| 68) m/p-Xylenes                | 10.35 | 106  | 995449   | 94.018   | ug/l  | 100      |
| 69) o-Xylene                   | 10.70 | 106  | 485782   | 46.782   | ug/l  | 99       |
| 70) Styrene                    | 10.71 | 104  | 828005   | 47.155   | ug/l  | 99       |
| 71) Bromoform                  | 10.85 | 173  | 225509   | 49.070   | ug/l  | 100      |
| 73) Isopropylbenzene           | 11.01 | 105  | 1274719  | 49.507   | ug/l  | 100      |
| 74) N-amyl acetate             | 10.89 | 43   | 485045   | 40.188   | ug/l  | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.26 | 83   | 459274   | 51.449   | ug/l  | 100      |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 413360m  | 52.064   | ug/l  |          |
| 77) Bromobenzene               | 11.25 | 156  | 330413   | 46.640   | ug/l  | 100      |
| 78) n-propylbenzene            | 11.35 | 91   | 1402204  | 48.550   | ug/l  | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 841979   | 47.959   | ug/l  | 98       |
| 80) 1,3,5-Trimethylbenzene     | 11.50 | 105  | 1052985  | 48.592   | ug/l  | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 119157   | 42.361   | ug/l  | 97       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 966185   | 47.444   | ug/l  | 99       |
| 83) tert-Butylbenzene          | 11.76 | 119  | 1054695  | 50.013   | ug/l  | 97       |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 1051977  | 48.475   | ug/l  | 100      |
| 85) sec-Butylbenzene           | 11.94 | 105  | 1197460  | 48.099   | ug/l  | 99       |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 1090494  | 47.886   | ug/l  | 100      |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 564866   | 45.495   | ug/l  | 99       |
| 88) 1,4-Dichlorobenzene        | 12.09 | 146  | 563526   | 44.637   | ug/l  | 100      |
| 89) n-Butylbenzene             | 12.38 | 91   | 888872   | 45.744   | ug/l  | 100      |
| 90) Hexachloroethane           | 12.59 | 117  | 197341   | 48.245   | ug/l  | 99       |
| 91) 1,2-Dichlorobenzene        | 12.38 | 146  | 578519   | 46.286   | ug/l  | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.99 | 75   | 99333    | 50.284   | ug/l  | 99       |
| 93) 1,2,4-Trichlorobenzene     | 13.64 | 180  | 342917   | 42.212   | ug/l  | 97       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121719\  
Data File : VX014065.D  
Acq On : 17 Dec 2019 20:29  
Operator : JC/SP  
Sample : K6251-14MS  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW202D-20191207MS

Manual Integrations  
APPROVED

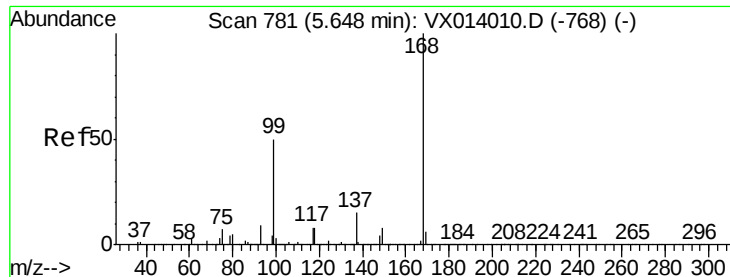
apatel  
12/18/2019 11:04:32 AM

Quant Time: Dec 18 08:00:59 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X121319W.M  
Quant Title : SW846 8260  
QLast Update : Tue Dec 17 03:01:07 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 94) Hexachlorobutadiene    | 13.77 | 225  | 163668   | 41.921 | ug/l  | 98       |
| 95) Naphthalene            | 13.83 | 128  | 1129642  | 47.329 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.01 | 180  | 360984   | 45.015 | ug/l  | 98       |

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





#1

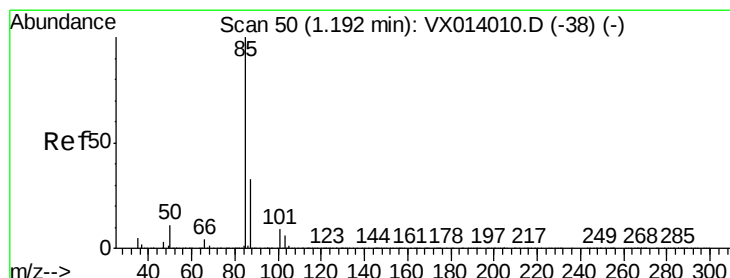
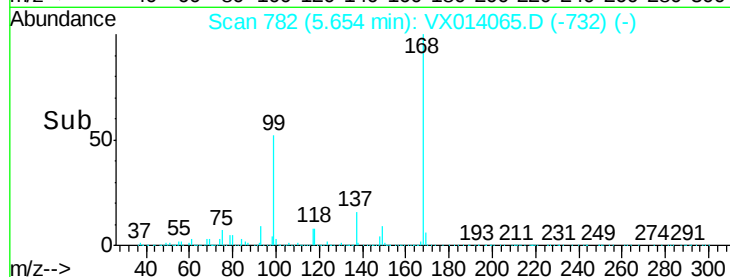
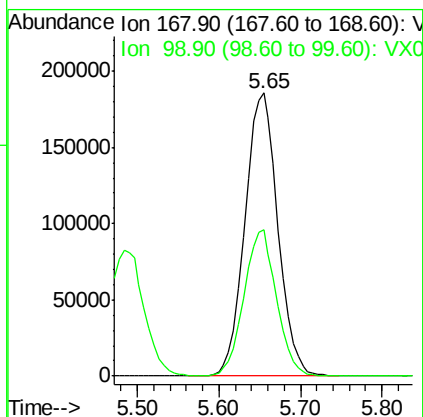
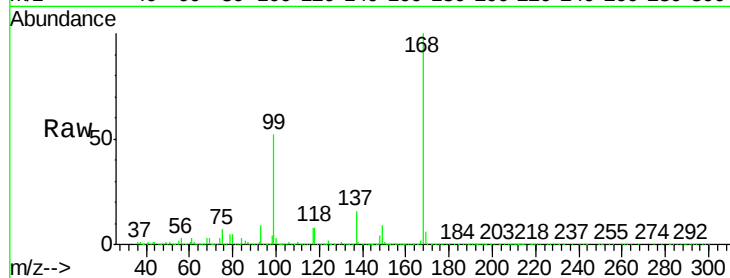
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.65 min Scan# 782  
Delta R.T. 0.01 min  
Lab File: VX014065.D  
Acq: 17 Dec 2019 20:29

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW202D-20191207MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 521440 |       |       |
| 99      | 51.5  | 40.3   | 60.5  |       |

Manual Integrations  
APPROVED

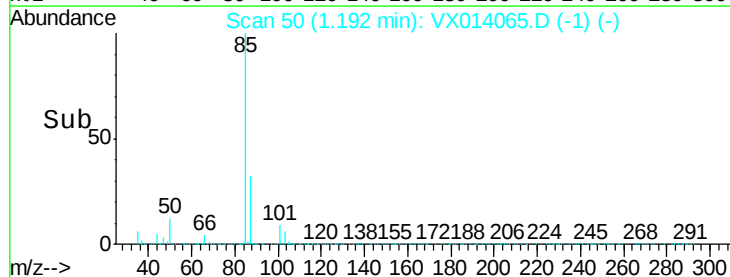
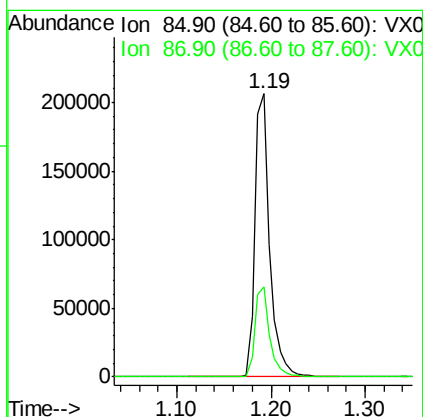
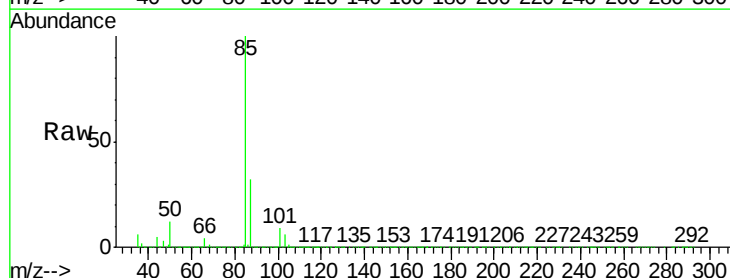
apatel  
12/18/2019 11:04:32 AM

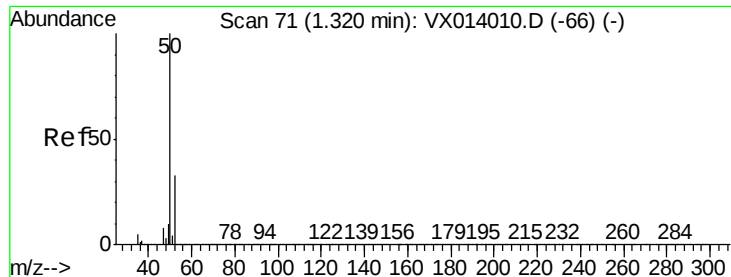


#2

Dichlorodifluoromethane  
Concen: 48.597 ug/l  
RT: 1.19 min Scan# 50  
Delta R.T. 0.00 min  
Lab File: VX014065.D  
Acq: 17 Dec 2019 20:29

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 85      | 100   | 226704 |       |       |
| 87      | 31.6  | 16.4   | 49.2  |       |





#3

Chloromethane

Concen: 50.206 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

Instrument :

MSVOA\_X

ClientSampleId :

MW202D-20191207MS

Tot Ion: 50 Resp: 314313

Ion Ratio Lower Upper

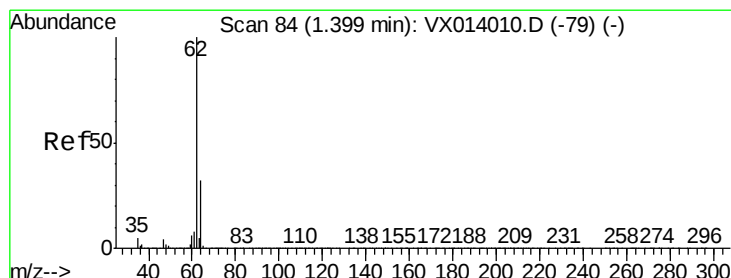
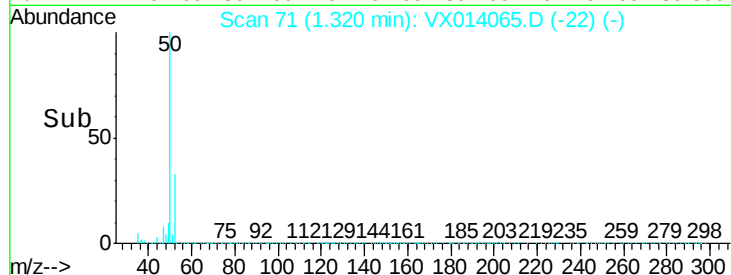
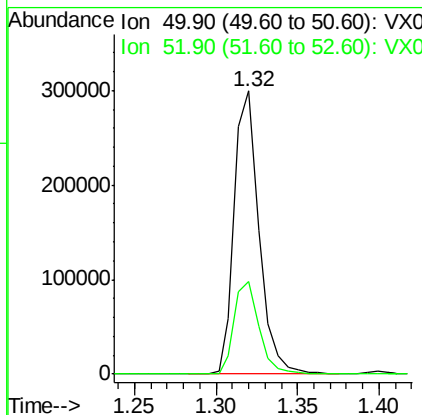
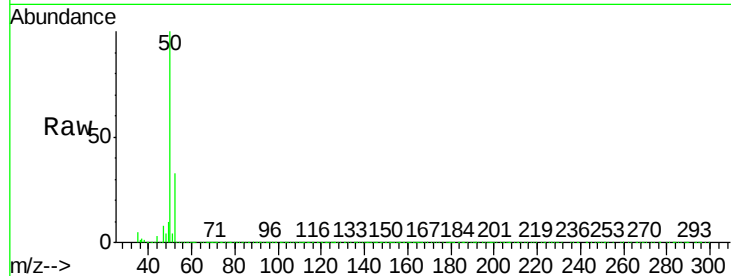
50 100

52 32.8 26.2 39.4

Manual Integrations  
APPROVED

apatel

12/18/2019 11:04:32 AM



#4

Vinyl Chloride

Concen: 49.273 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014065.D

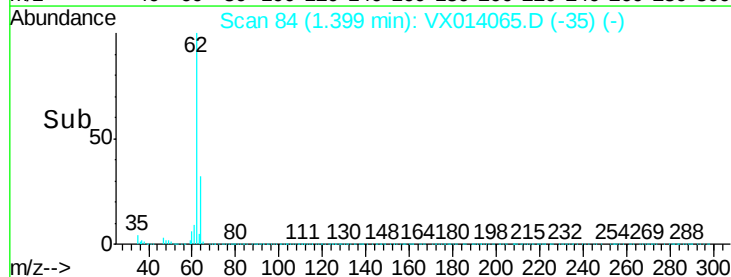
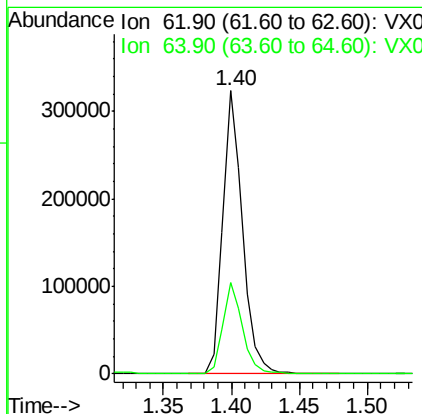
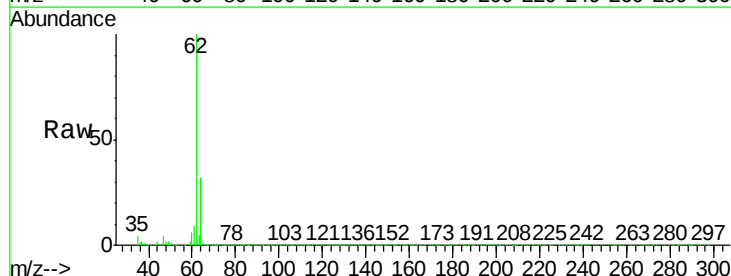
Acq: 17 Dec 2019 20:29

Tgt Ion: 62 Resp: 325495

Ion Ratio Lower Upper

62 100

64 32.2 25.7 38.5





#5

Bromomethane

Concen: 43.850 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

Instrument :

MSVOA\_X

ClientSampleId :

MW202D-20191207MS

Tot Ion: 94 Resp: 205594

Ion Ratio Lower Upper

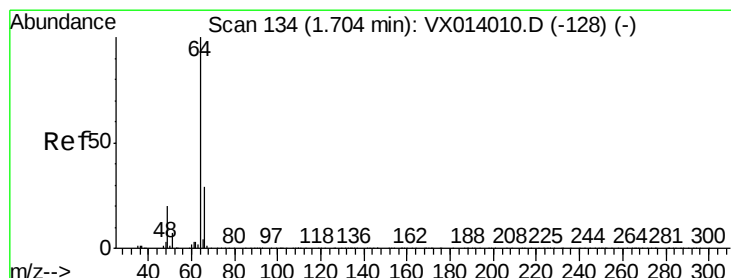
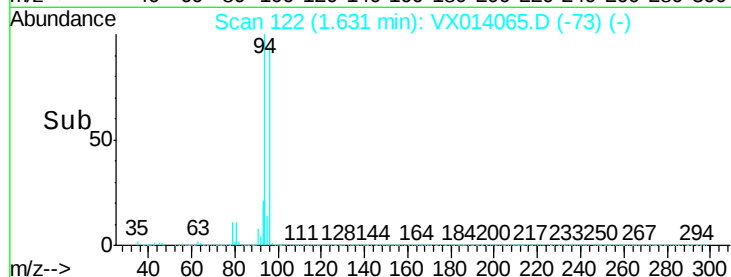
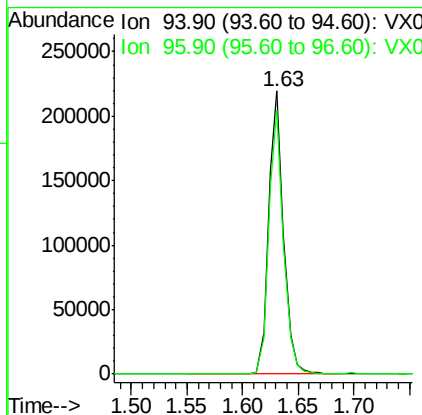
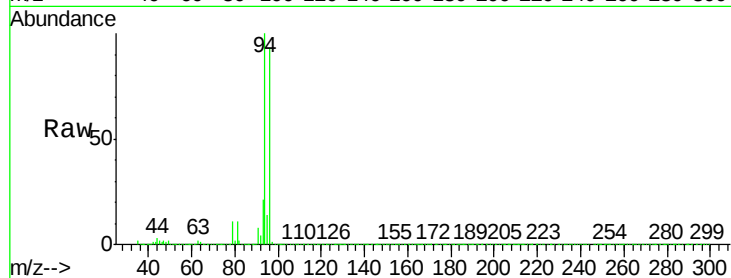
94 100

96 93.3 75.2 112.8

Manual Integrations  
APPROVED

apatel

12/18/2019 11:04:32 AM



#6

Chloroethane

Concen: 50.308 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX014065.D

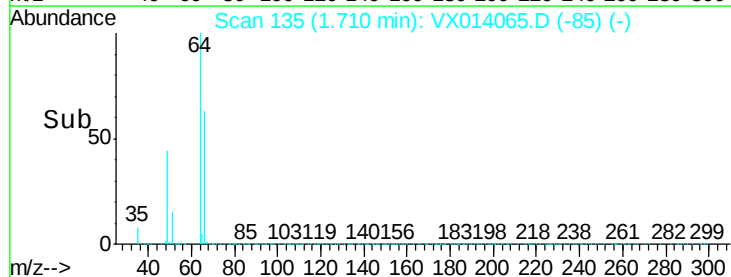
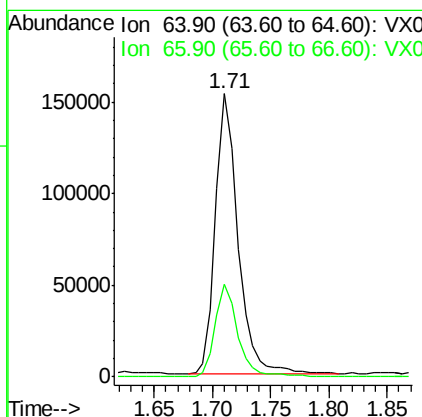
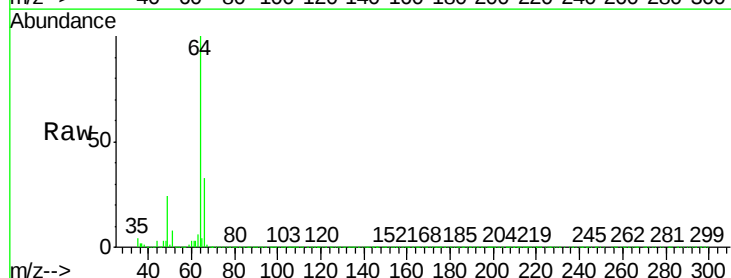
Acq: 17 Dec 2019 20:29

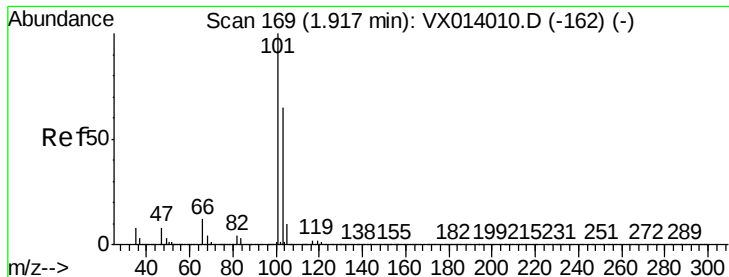
Tgt Ion: 64 Resp: 205108

Ion Ratio Lower Upper

64 100

66 32.7 23.4 35.2





#7

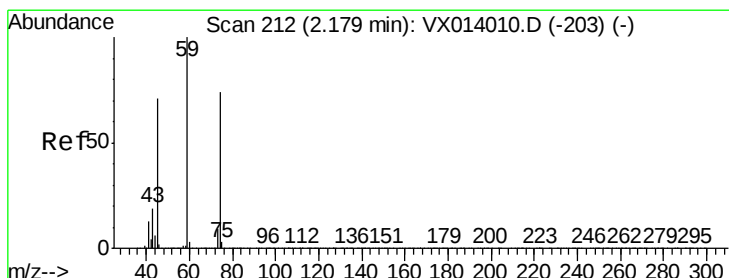
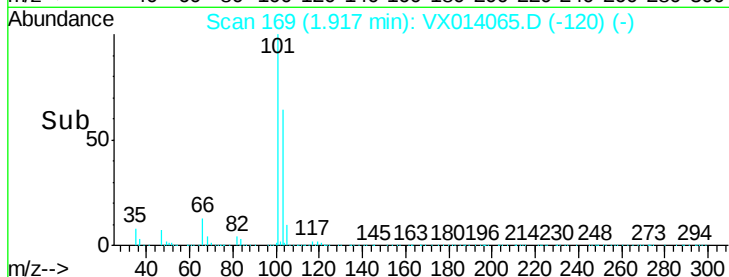
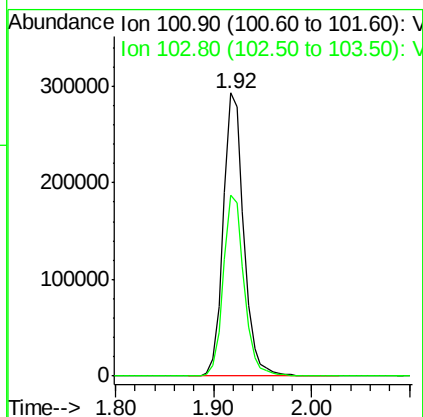
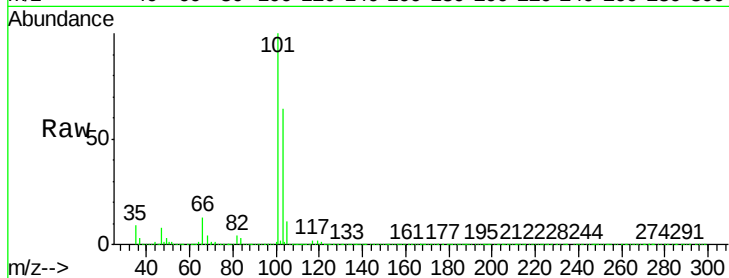
Trichlorofluoromethane  
Concen: 51.854 ug/l  
RT: 1.92 min Scan# 169  
Delta R.T. 0.00 min  
Lab File: VX014065.D  
Acq: 17 Dec 2019 20:29

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW202D-20191207MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 63.8  | 52.2  | 78.4  |

Manual Integrations  
APPROVED

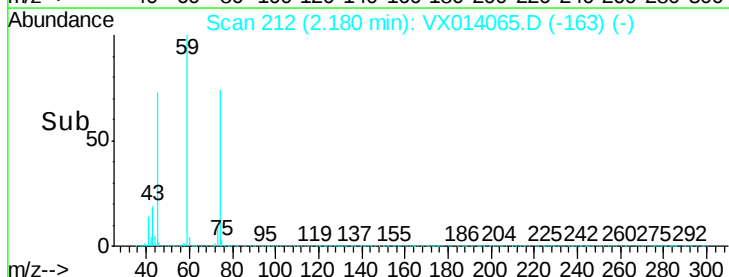
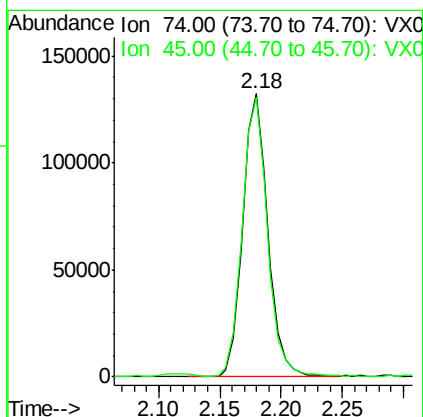
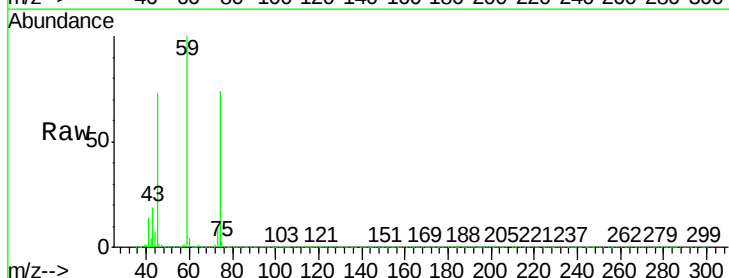
apatel  
12/18/2019 11:04:32 AM



#8

Diethyl Ether  
Concen: 48.624 ug/l  
RT: 2.18 min Scan# 212  
Delta R.T. 0.00 min  
Lab File: VX014065.D  
Acq: 17 Dec 2019 20:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 98.7  | 48.1  | 144.3 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.910 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

Instrument :

MSVOA\_X

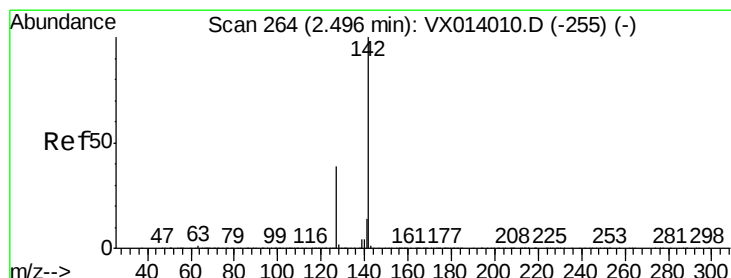
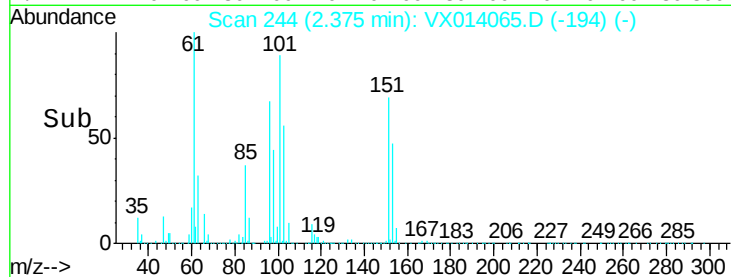
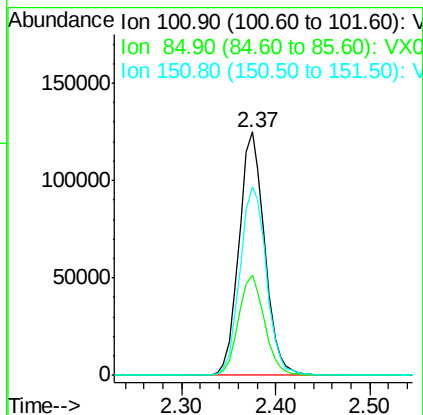
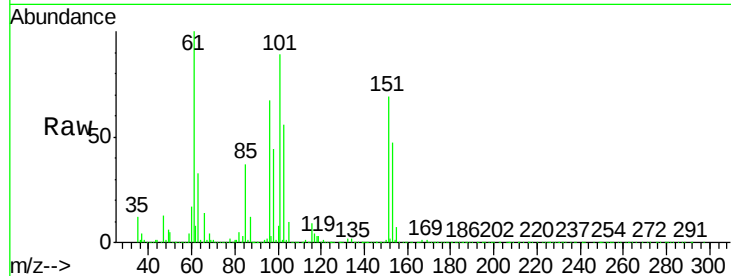
ClientSampleId :

MW202D-20191207MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 236168 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 41.4  | 33.7  | 50.5   |
| 151       | 80.2  | 64.5  | 96.7   |

Manual Integrations  
APPROVED

apatel  
12/18/2019 11:04:32 AM



#10

Methyl Iodide

Concen: 50.538 ug/l

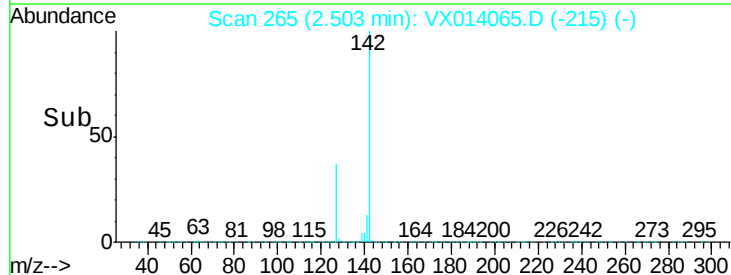
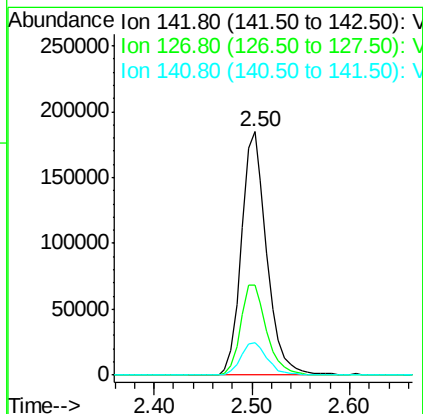
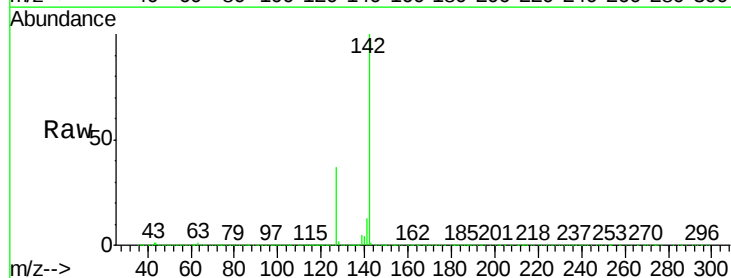
RT: 2.50 min Scan# 265

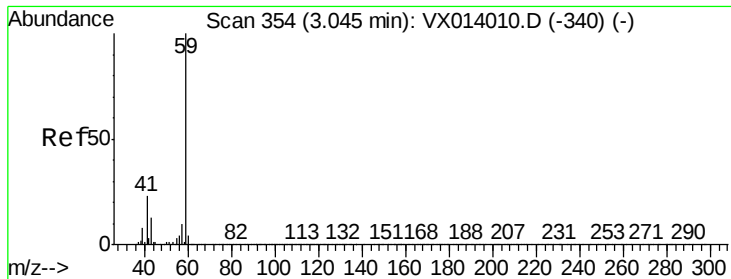
Delta R.T. 0.01 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 328727 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 38.5  | 31.6  | 47.4   |
| 141       | 14.3  | 11.6  | 17.4   |





#11

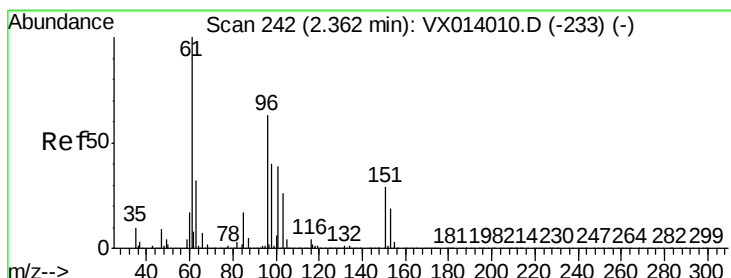
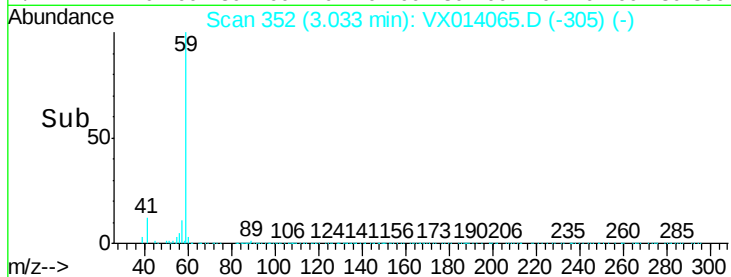
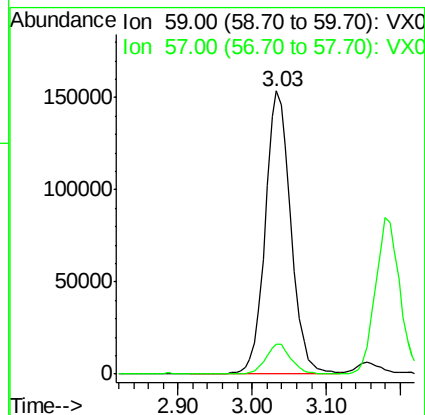
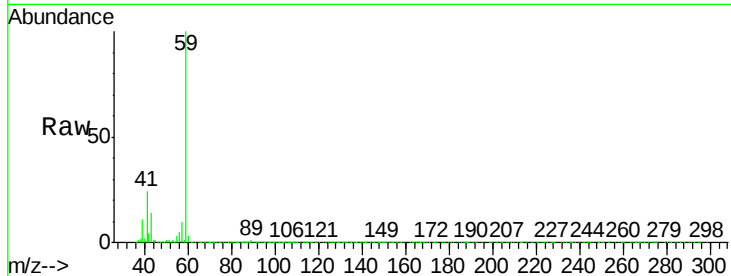
Tert butyl alcohol  
Concen: 288.171 ug/l  
RT: 3.03 min Scan# 352  
Delta R.T. -0.01 min  
Lab File: VX014065.D  
Acq: 17 Dec 2019 20:29

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW202D-20191207MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.1  | 8.4   | 12.6  |

Manual Integrations  
APPROVED

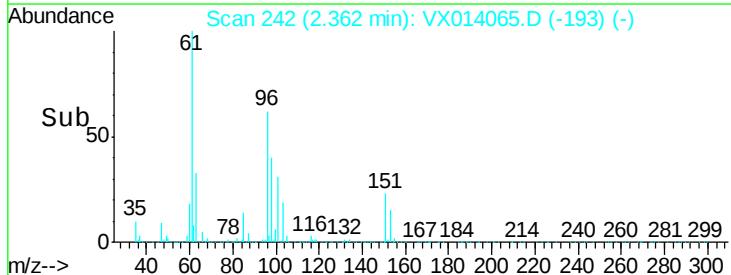
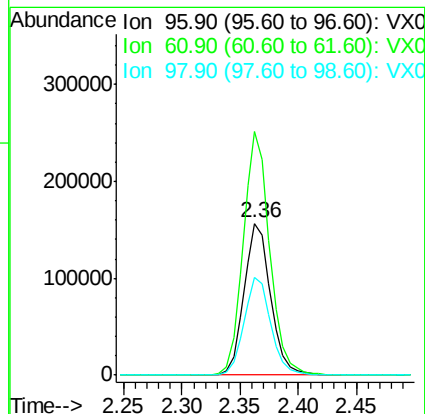
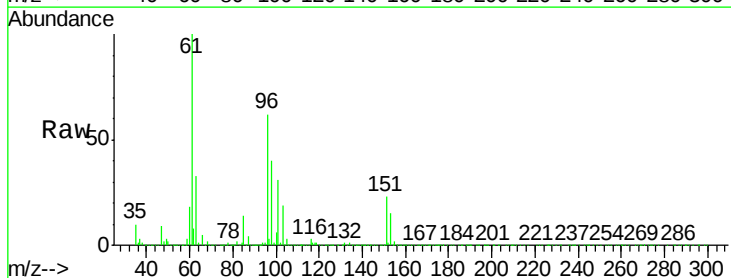
apatel  
12/18/2019 11:04:32 AM

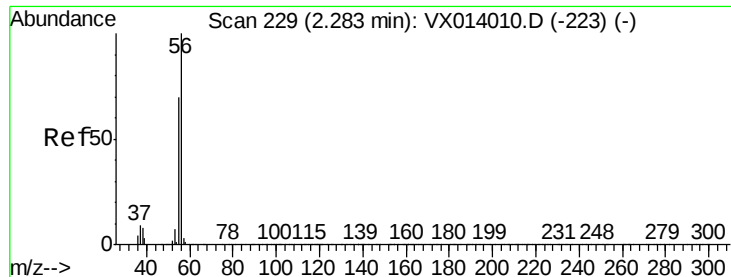


#12

1,1-Dichloroethene  
Concen: 49.839 ug/l  
RT: 2.36 min Scan# 242  
Delta R.T. 0.00 min  
Lab File: VX014065.D  
Acq: 17 Dec 2019 20:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 160.5 | 127.9 | 191.9 |
| 98      | 64.2  | 50.5  | 75.7  |





#13

Acrolein

Concen: 321.151 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

Instrument :

MSVOA\_X

ClientSampleId :

MW202D-20191207MS

Tot Ion: 56 Resp: 234755

Ion Ratio Lower Upper

56 100

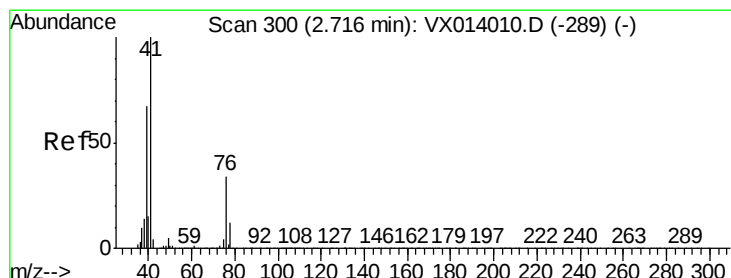
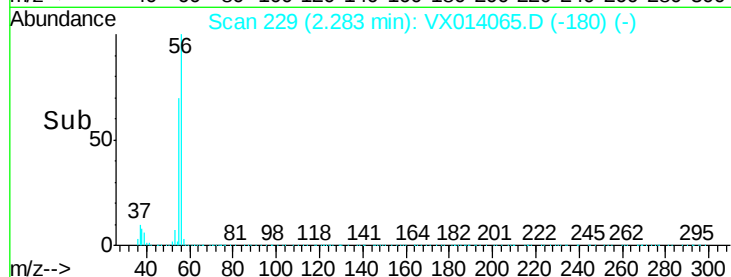
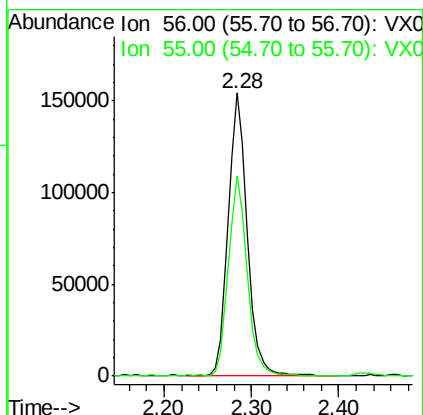
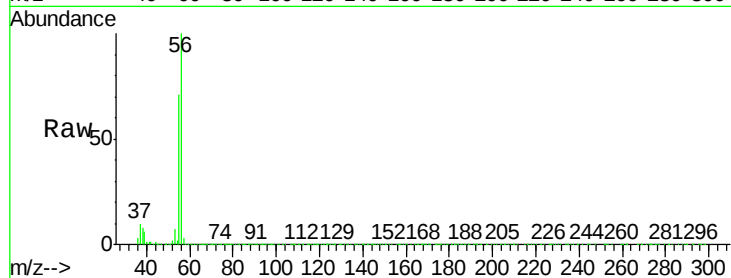
55 68.9 56.9 85.3

Manual Integrations

APPROVED

apatel

12/18/2019 11:04:32 AM



#14

Allyl chloride

Concen: 47.713 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

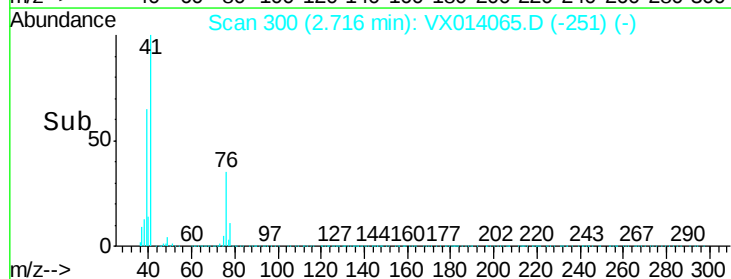
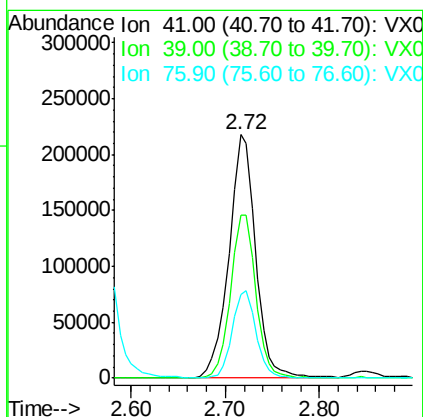
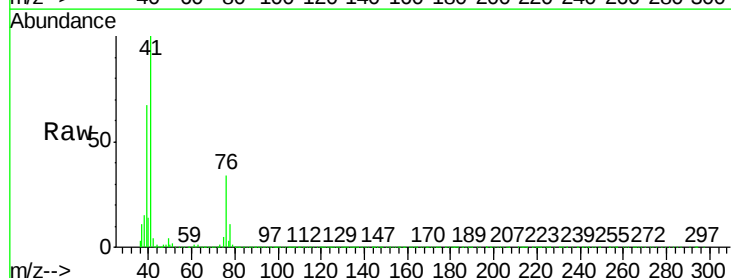
Tgt Ion: 41 Resp: 427311

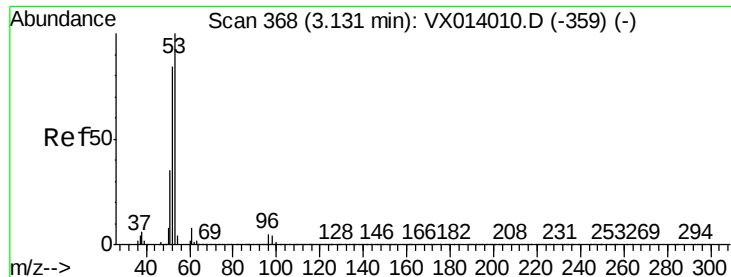
Ion Ratio Lower Upper

41 100

39 63.8 51.8 77.8

76 31.7 25.9 38.9





#15

Acrylonitrile

Concen: 276.980 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

Instrument :

MSVOA\_X

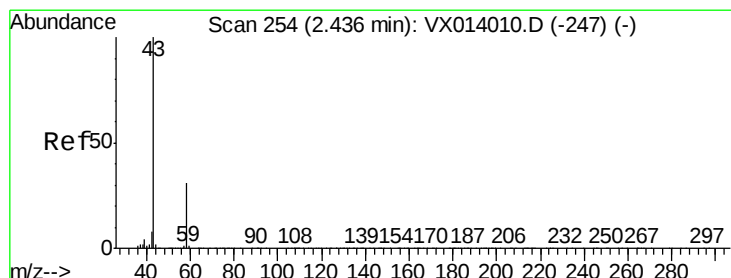
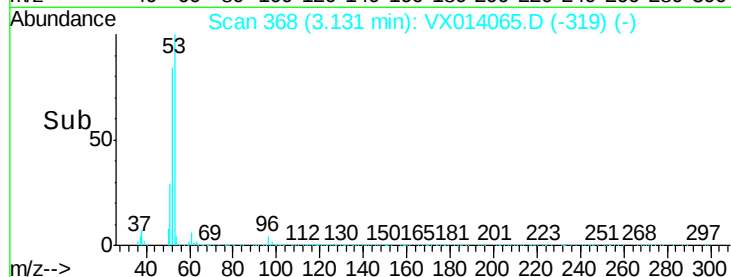
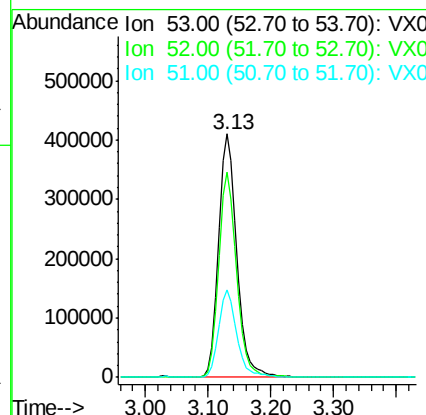
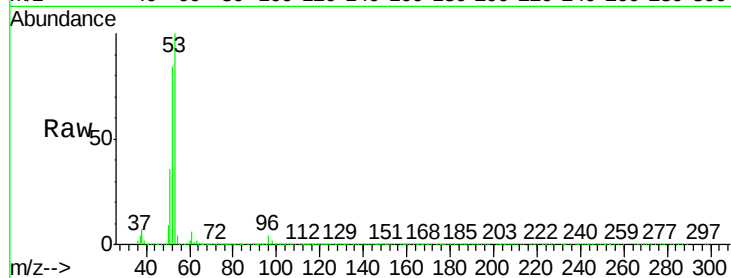
ClientSampleId :

MW202D-20191207MS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 53   | Resp: | 825552 |
| Ion Ratio |      | Lower | Upper  |
| 53        | 100  |       |        |
| 52        | 82.3 | 66.5  | 99.7   |
| 51        | 35.5 | 28.1  | 42.1   |

Manual Integrations  
APPROVED

apatel  
12/18/2019 11:04:32 AM



#16

Acetone

Concen: 189.933 ug/l

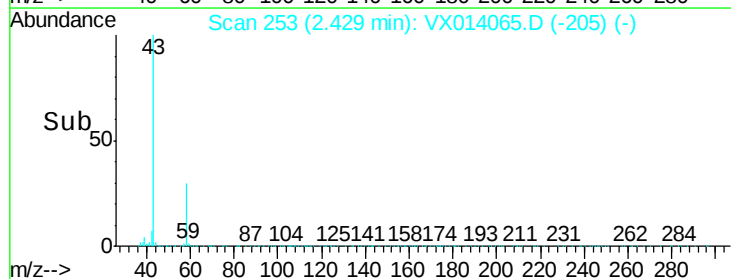
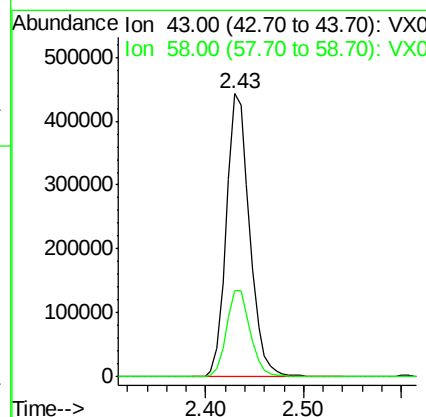
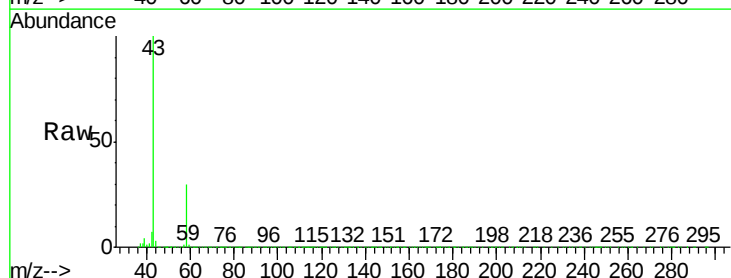
RT: 2.43 min Scan# 253

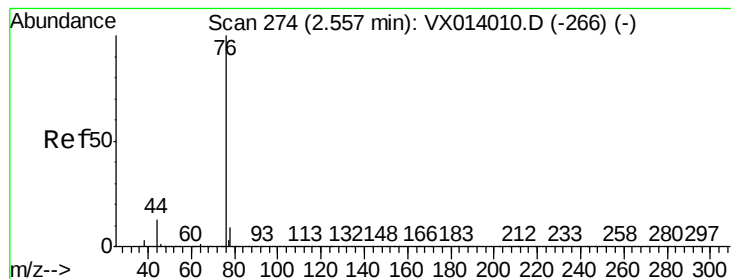
Delta R.T. -0.01 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 43   | Resp: | 728721 |
| Ion Ratio |      | Lower | Upper  |
| 43        | 100  |       |        |
| 58        | 30.3 | 24.9  | 37.3   |





#17

Carbon Disulfide

Concen: 48.068 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

Instrument :

MSVOA\_X

ClientSampleId :

MW202D-20191207MS

Tot Ion: 76 Resp: 668937

Ion Ratio Lower Upper

76 100

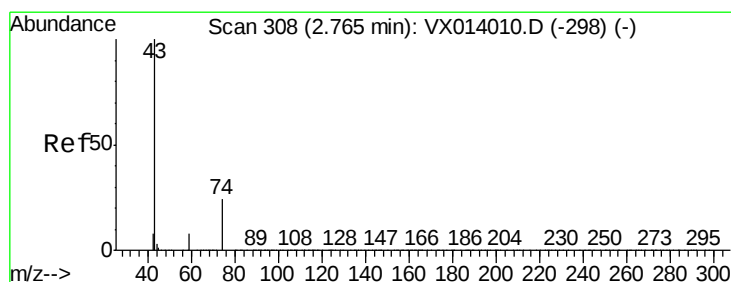
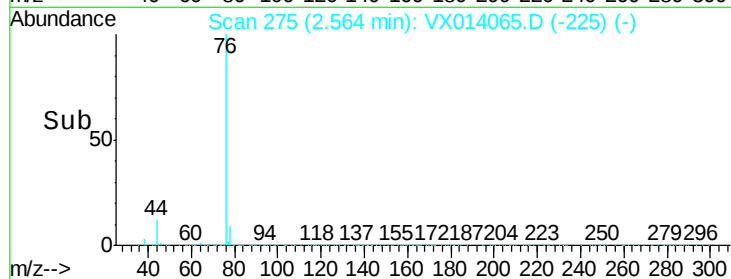
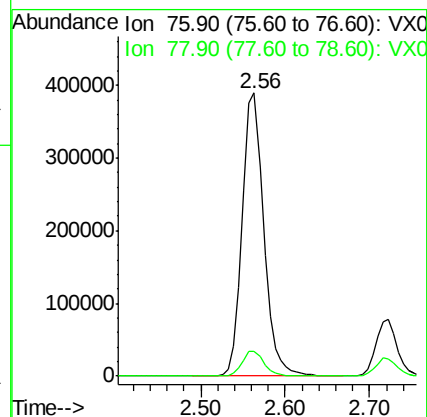
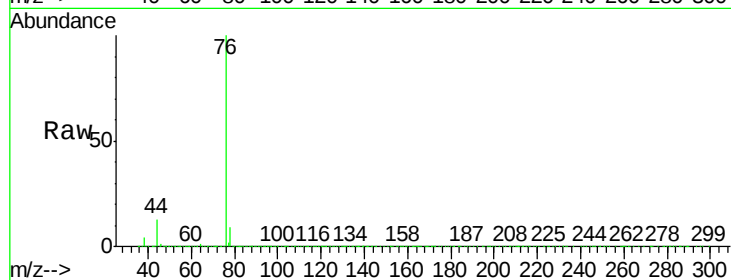
78 8.9 7.2 10.8

Manual Integrations

APPROVED

apatel

12/18/2019 11:04:32 AM



#18

Methyl Acetate

Concen: 43.642 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014065.D

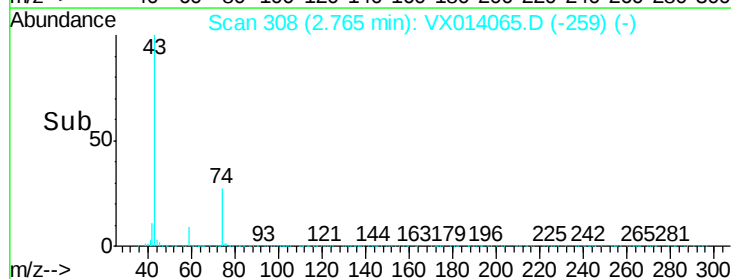
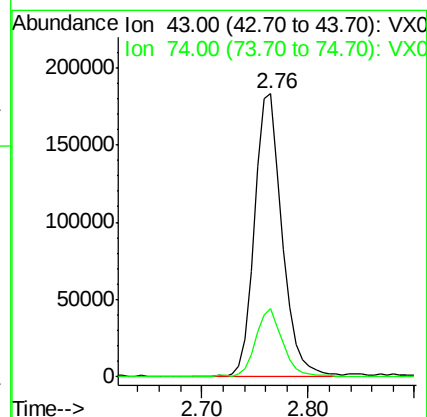
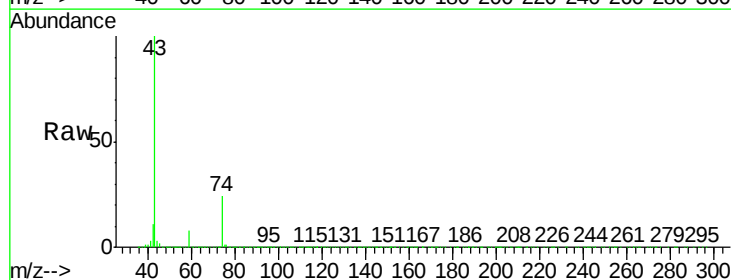
Acq: 17 Dec 2019 20:29

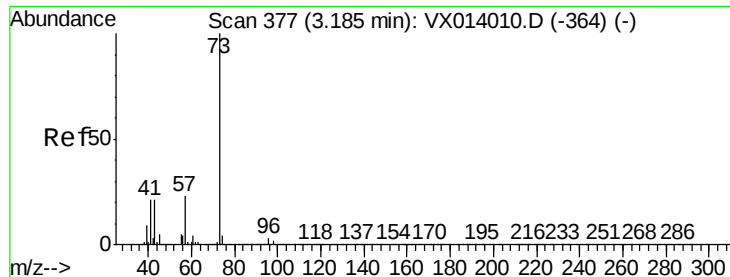
Tgt Ion: 43 Resp: 331795

Ion Ratio Lower Upper

43 100

74 23.9 19.5 29.3





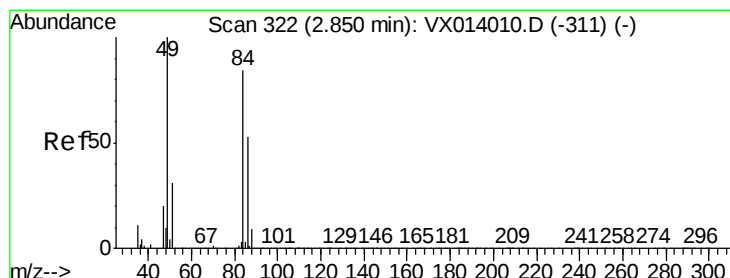
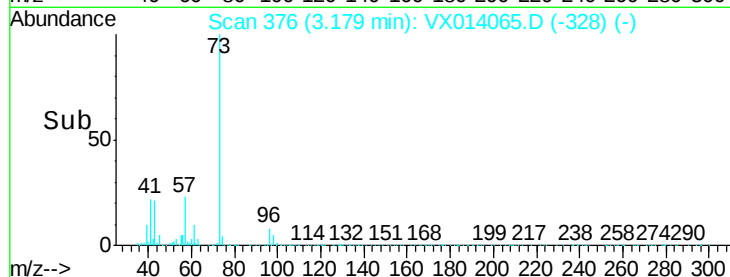
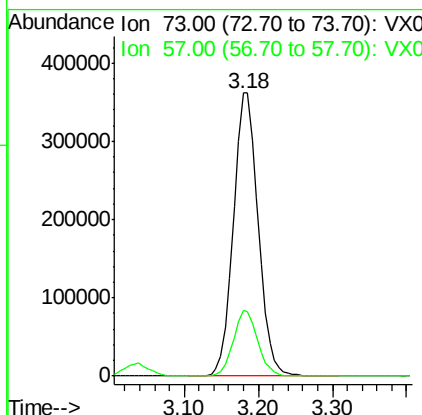
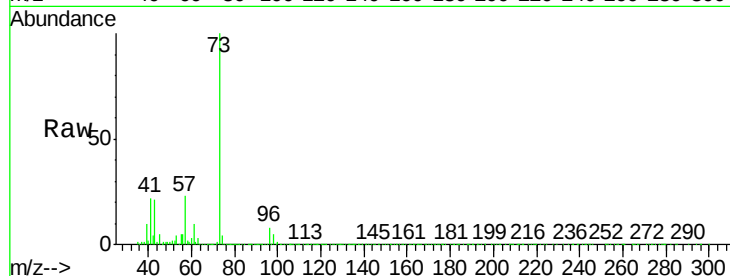
#19  
Methvl tert-butvl Ether  
Concen: 51.096 ug/l  
RT: 3.18 min Scan# 376  
Delta R.T. -0.01 min  
Lab File: VX014065.D  
Acq: 17 Dec 2019 20:29

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW202D-20191207MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 23.4  | 18.8  | 28.2  |

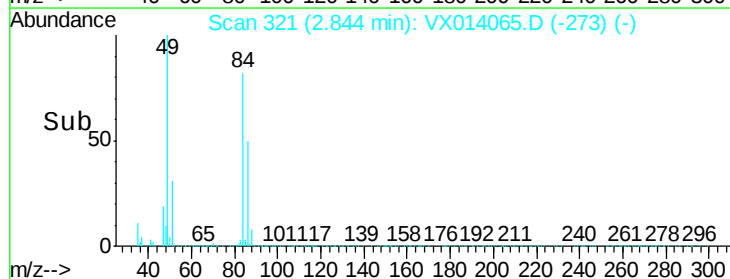
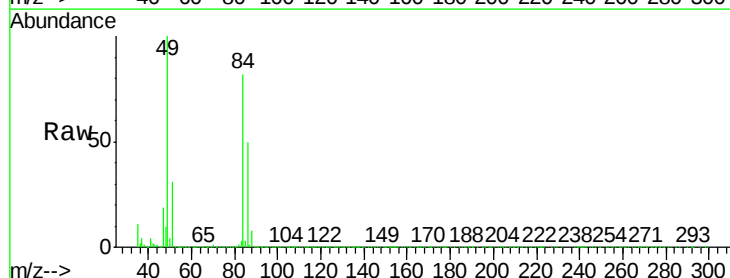
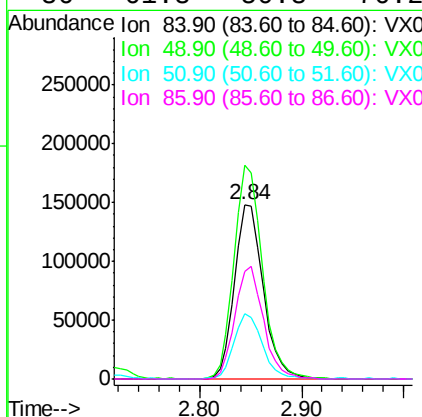
Manual Integrations  
APPROVED

apatel  
12/18/2019 11:04:32 AM



#20  
Methylene Chloride  
Concen: 47.754 ug/l  
RT: 2.84 min Scan# 321  
Delta R.T. -0.01 min  
Lab File: VX014065.D  
Acq: 17 Dec 2019 20:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 122.5 | 95.8  | 143.6 |
| 51      | 37.1  | 29.8  | 44.8  |
| 86      | 61.8  | 50.8  | 76.2  |





#21

trans-1,2-Dichloroethene

Concen: 48.427 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

Instrument :

MSVOA\_X

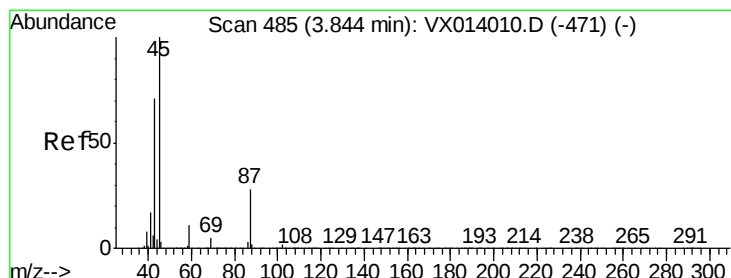
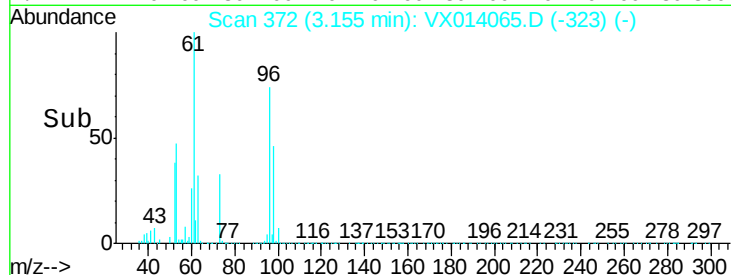
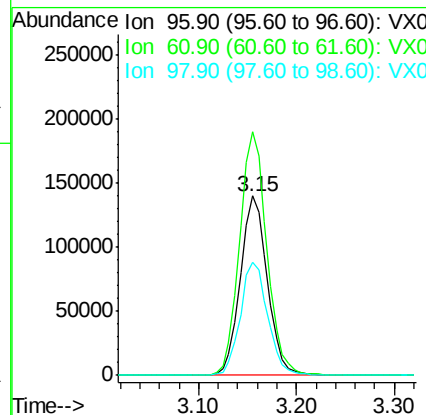
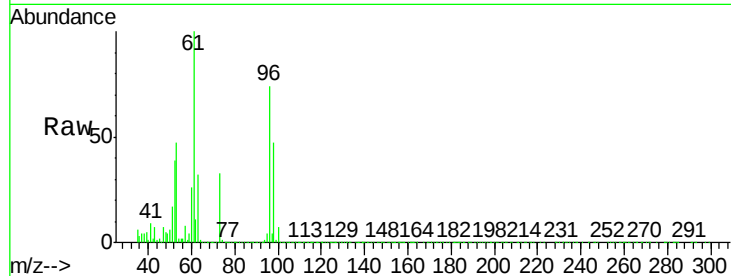
ClientSampleId :

MW202D-20191207MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 267608 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 135.7 | 108.3 | 162.5  |
| 98       | 63.1  | 50.8  | 76.2   |

Manual Integrations  
APPROVED

apatel  
12/18/2019 11:04:32 AM



#22

Diisopropyl ether

Concen: 51.255 ug/l

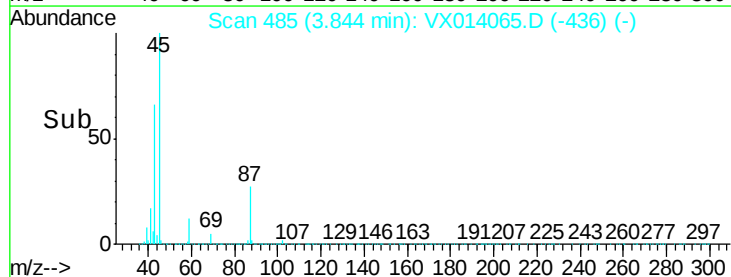
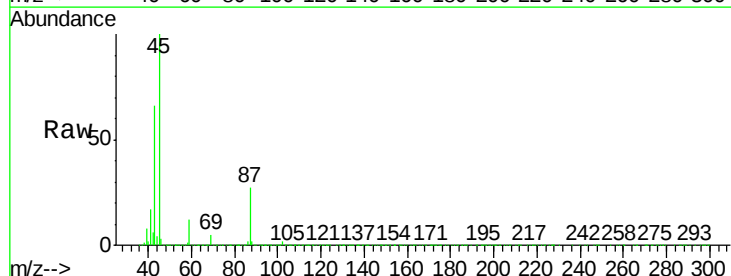
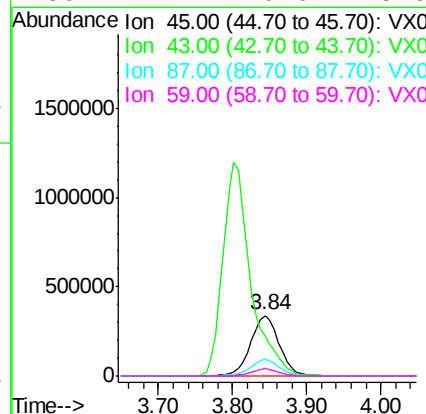
RT: 3.84 min Scan# 485

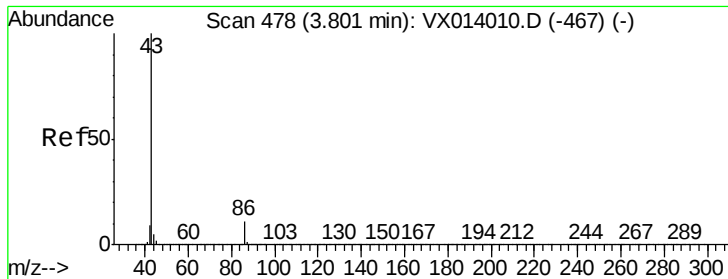
Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 914724 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 65.9  | 57.4  | 86.0   |
| 87       | 26.5  | 21.9  | 32.9   |
| 59       | 11.7  | 9.0   | 13.6   |





#23

Vinyl Acetate

Concen: 214.221 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

Instrument :

MSVOA\_X

ClientSampleId :

MW202D-20191207MS

Tot Ion: 43 Resp: 3119893

Ion Ratio Lower Upper

43 100

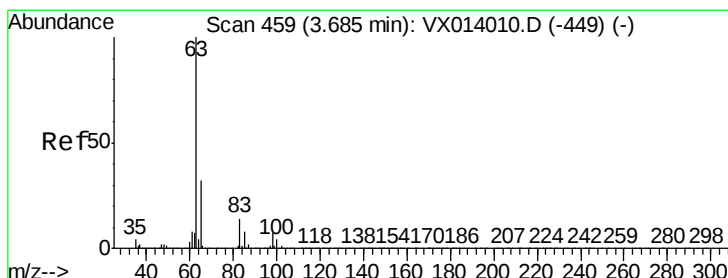
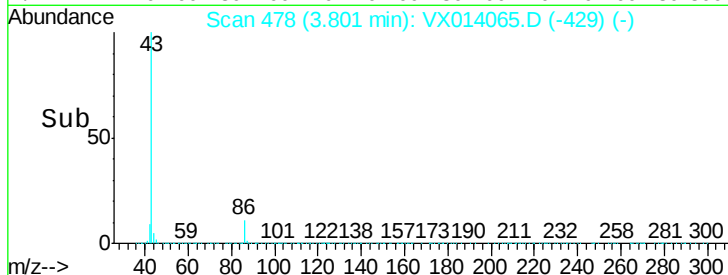
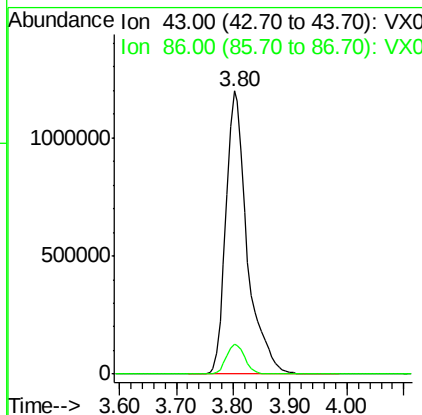
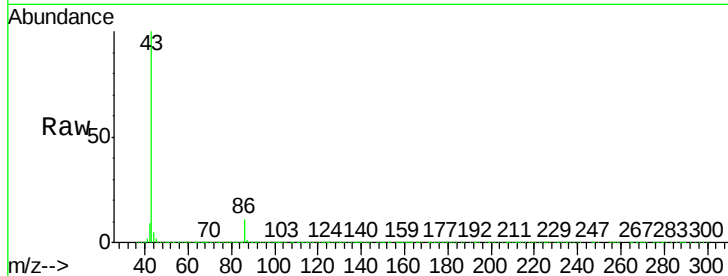
86 10.5 8.6 12.8

Manual Integrations

APPROVED

apatel

12/18/2019 11:04:32 AM



#24

1,1-Dichloroethane

Concen: 52.132 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

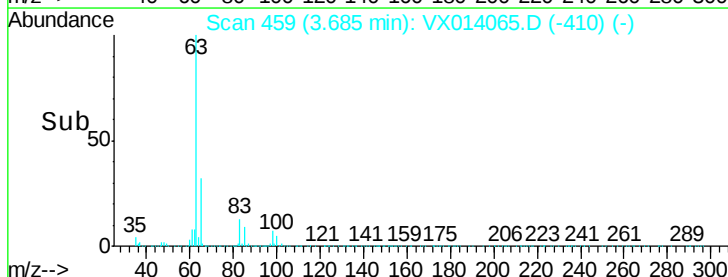
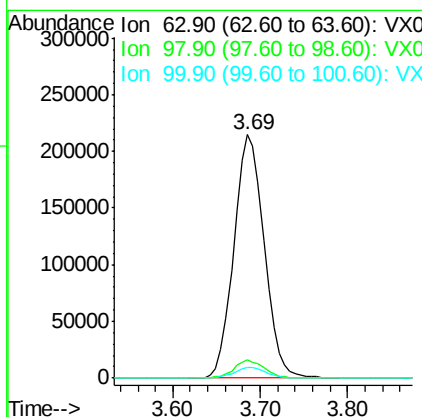
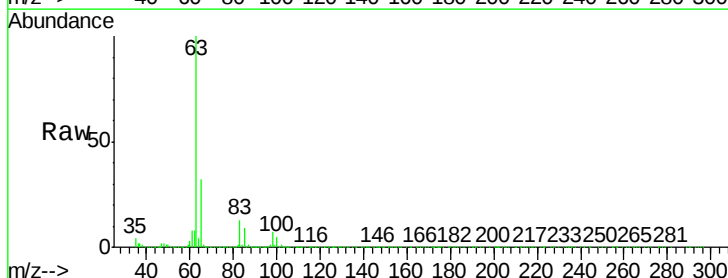
Tgt Ion: 63 Resp: 517627

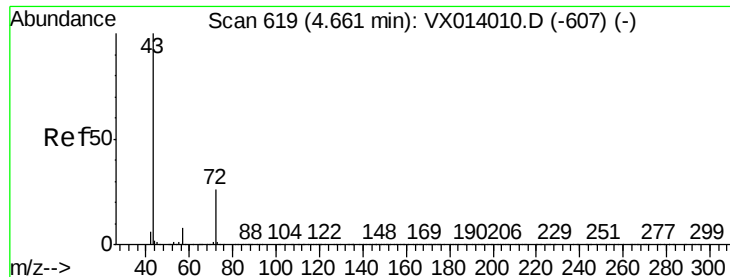
Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 4.5 2.3 6.8





#25

2-Butanone

Concen: 246.973 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

Tot Ion: 43 Resp: 1168242

Ion Ratio Lower Upper

43 100

72 25.6 21.0 31.4

Instrument :

MSVOA\_X

ClientSampleId :

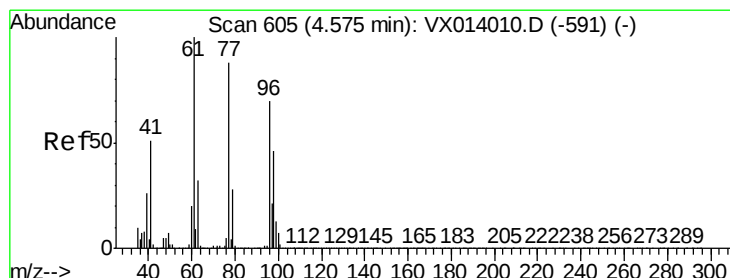
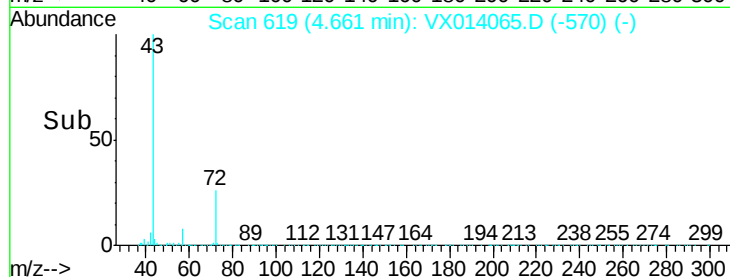
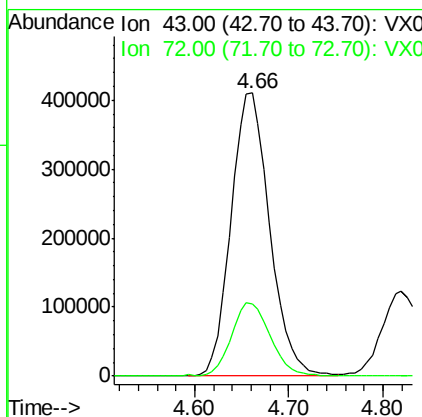
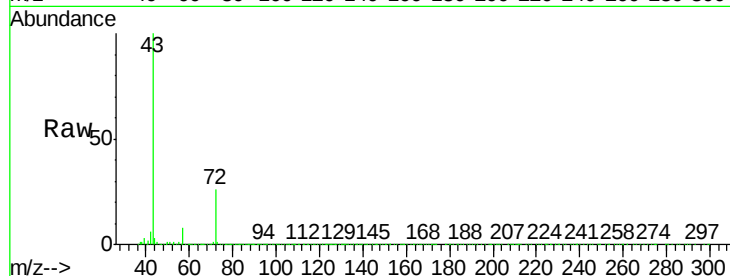
MW202D-20191207MS

Manual Integrations

APPROVED

apatel

12/18/2019 11:04:32 AM



#26

2,2-Dichloropropane

Concen: 25.145 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014065.D

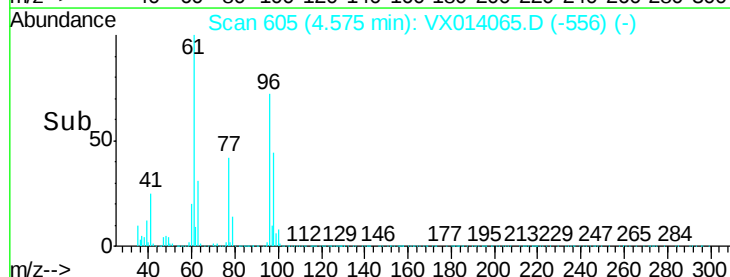
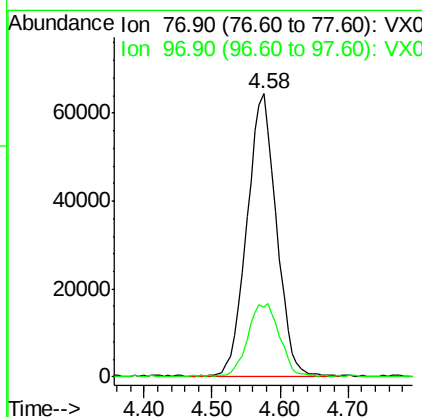
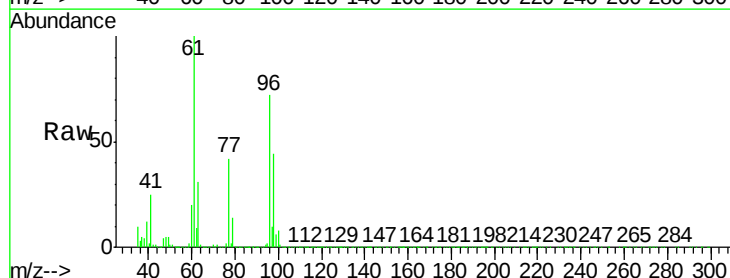
Acq: 17 Dec 2019 20:29

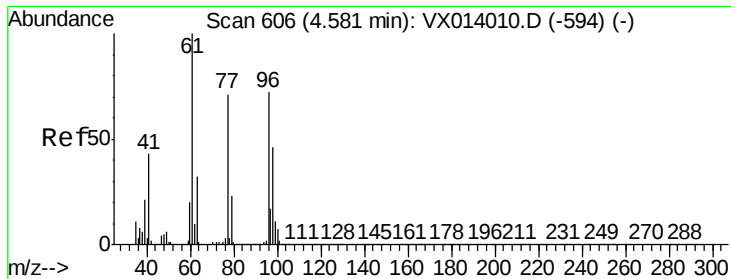
Tgt Ion: 77 Resp: 193849

Ion Ratio Lower Upper

77 100

97 27.3 11.9 35.9





#27

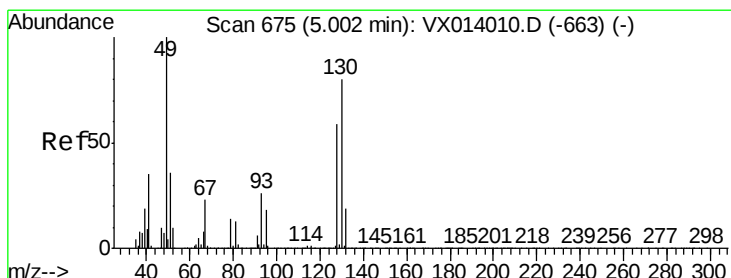
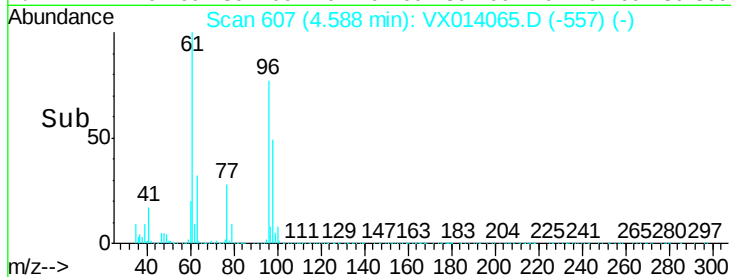
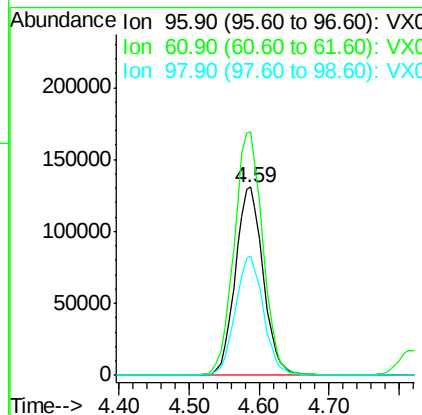
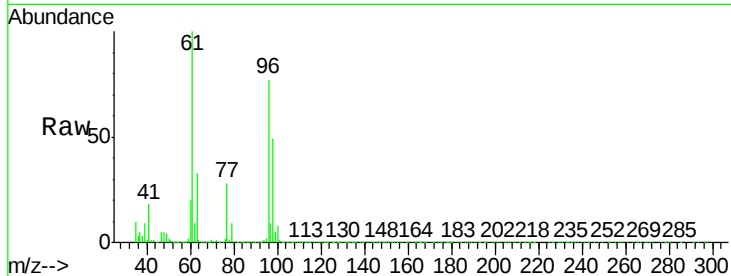
cis-1,2-Dichloroethene  
 Concen: 57.782 ug/l  
 RT: 4.59 min Scan# 607  
 Delta R.T. 0.01 min  
 Lab File: VX014065.D  
 Acq: 17 Dec 2019 20:29

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW202D-20191207MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 361117 |       |       |
| 61      | 133.1 | 0.0    | 288.4 |       |
| 98      | 63.4  | 0.0    | 129.6 |       |

Manual Integrations  
 APPROVED

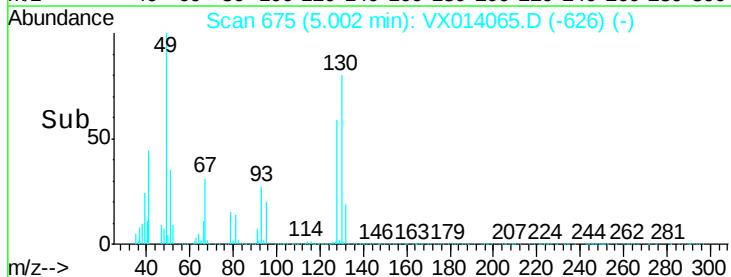
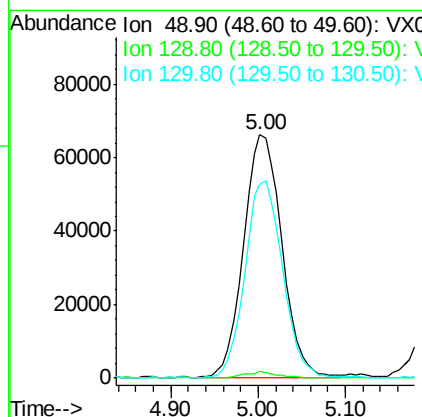
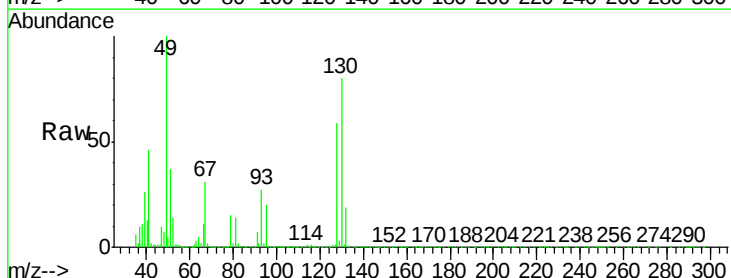
apatel  
 12/18/2019 11:04:32 AM

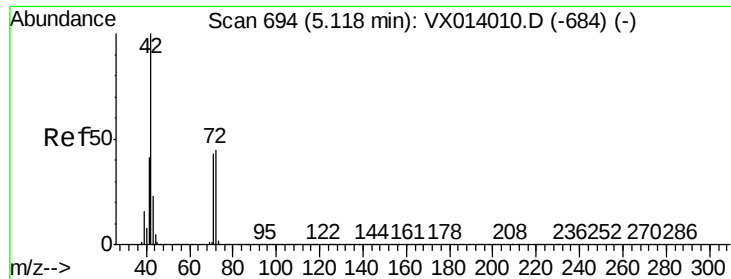


#28

Bromochloromethane  
 Concen: 52.524 ug/l  
 RT: 5.00 min Scan# 675  
 Delta R.T. 0.00 min  
 Lab File: VX014065.D  
 Acq: 17 Dec 2019 20:29

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 49      | 100   | 200655 |       |       |
| 129     | 2.5   | 0.0    | 5.0   |       |
| 130     | 79.9  | 64.6   | 97.0  |       |





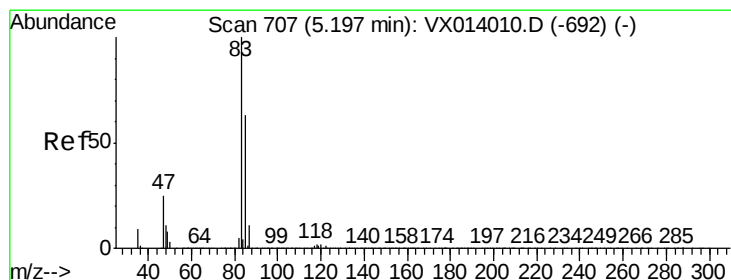
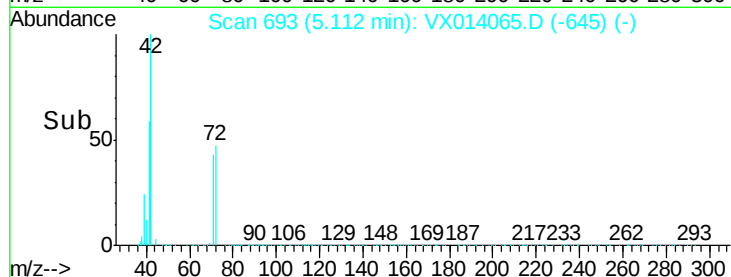
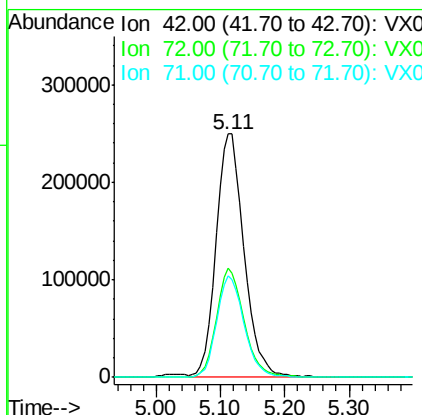
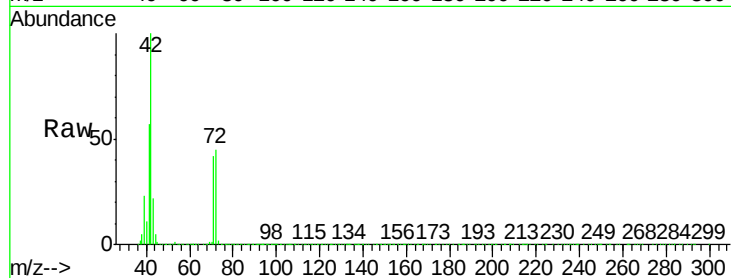
#29  
Tetrahydrofuran  
Concen: 287.969 ug/l  
RT: 5.11 min Scan# 693  
Delta R.T. -0.01 min  
Lab File: VX014065.D  
Acq: 17 Dec 2019 20:29

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW202D-20191207MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 44.3  | 35.8  | 53.8  |
| 71      | 40.6  | 33.6  | 50.4  |

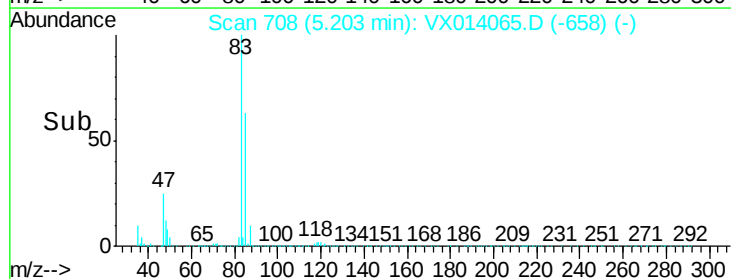
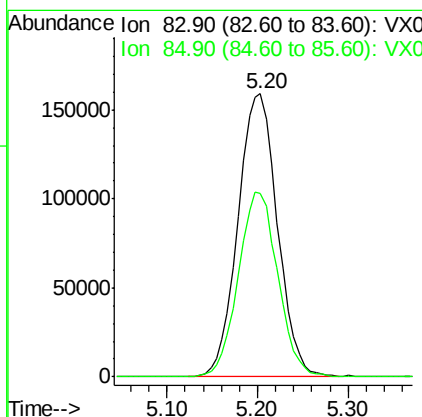
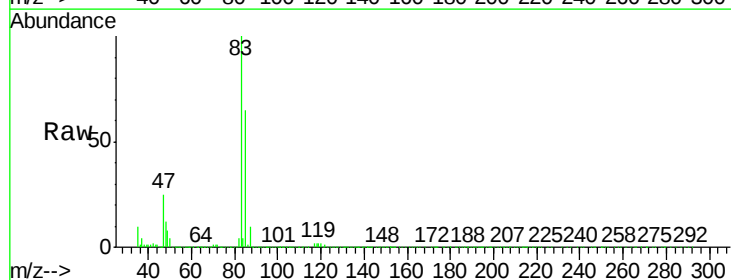
Manual Integrations  
APPROVED

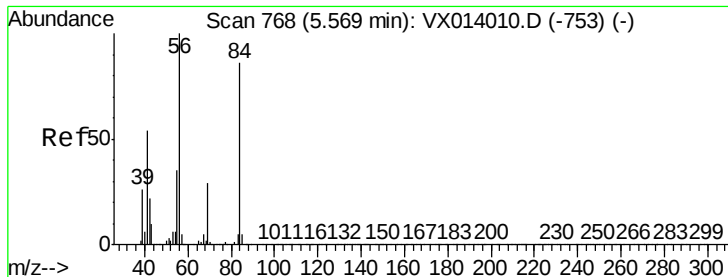
apatel  
12/18/2019 11:04:32 AM



#30  
Chloroform  
Concen: 50.743 ug/l  
RT: 5.20 min Scan# 708  
Delta R.T. 0.01 min  
Lab File: VX014065.D  
Acq: 17 Dec 2019 20:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.9  | 50.8  | 76.2  |





#31

Cyclohexane

Concen: 50.405 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

Instrument :

MSVOA\_X

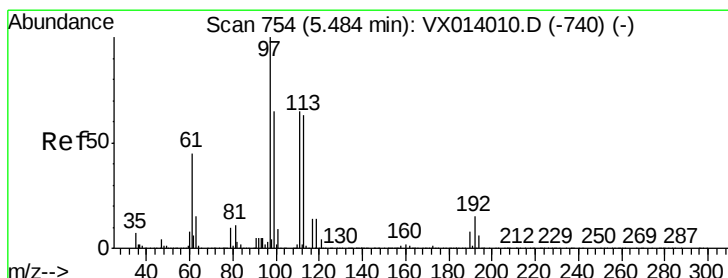
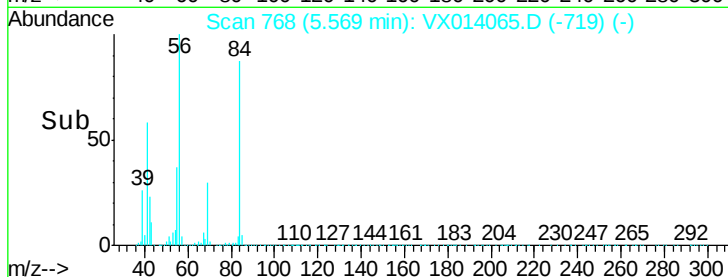
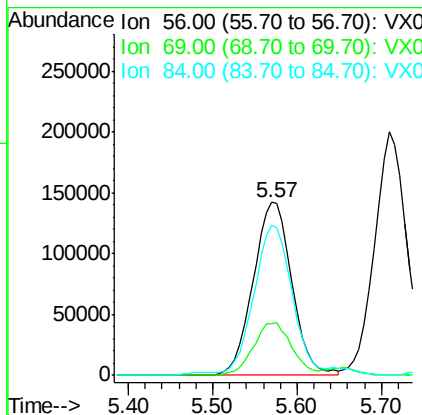
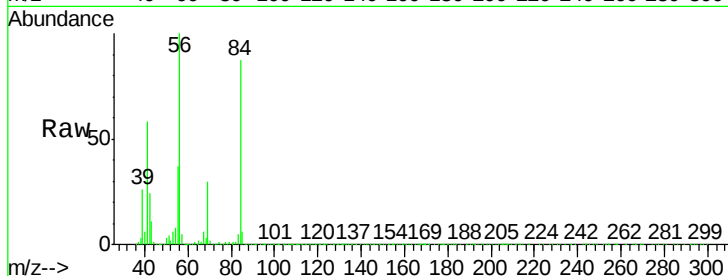
ClientSampleId :

MW202D-20191207MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 30.0  | 23.2  | 34.8  |
| 84      | 86.3  | 69.2  | 103.8 |

Manual Integrations  
APPROVED

apatel  
12/18/2019 11:04:32 AM



#32

1,1,1-Trichloroethane

Concen: 49.924 ug/l

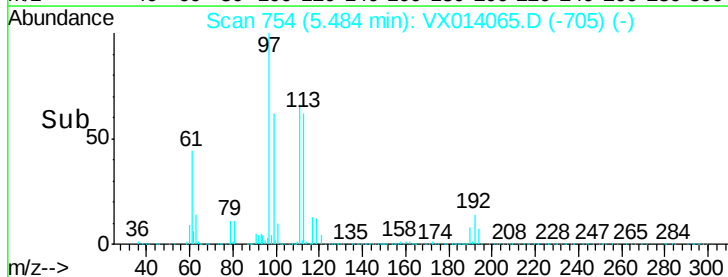
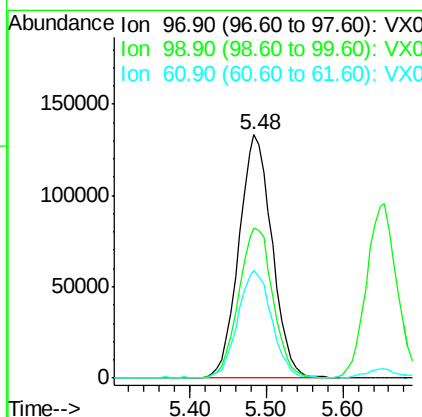
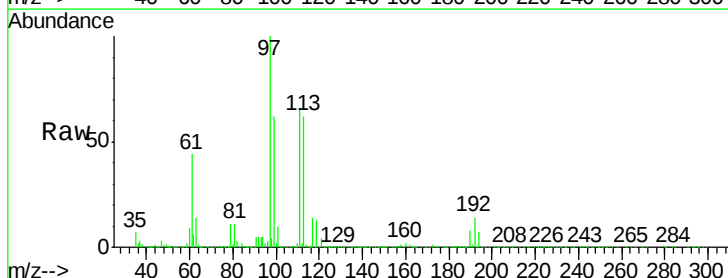
RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 63.7  | 52.0  | 78.0  |
| 61      | 44.7  | 36.7  | 55.1  |





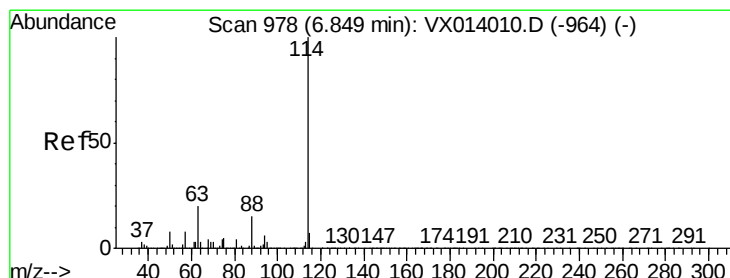
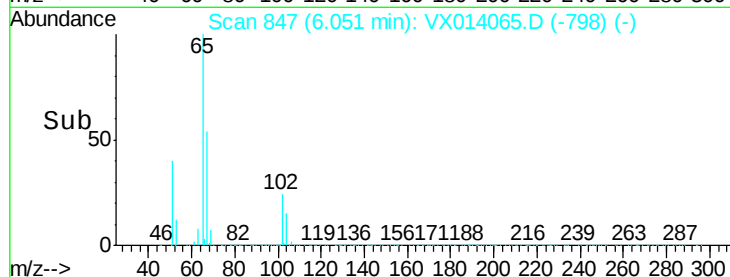
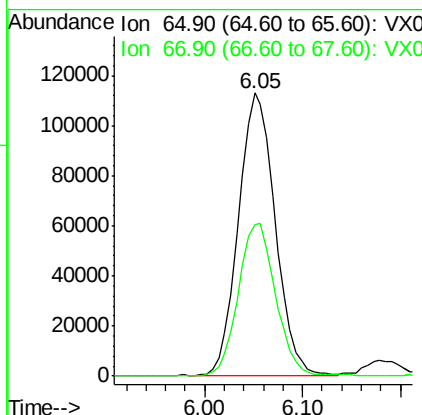
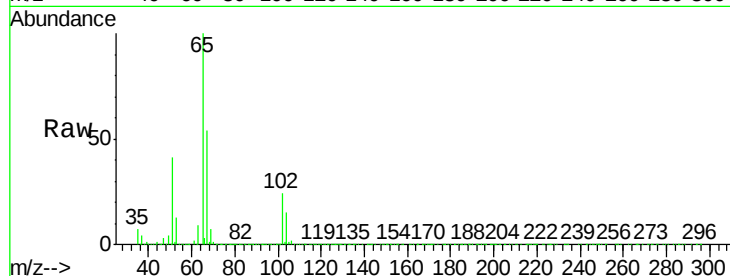
#33  
 1,2-Dichloroethane-d4  
 Concen: 49.784 ug/l  
 RT: 6.05 min Scan# 847  
 Delta R.T. 0.00 min  
 Lab File: VX014065.D  
 Acq: 17 Dec 2019 20:29

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW202D-20191207MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 294211 |       |       |
| 67      | 54.1  | 0.0    | 106.4 |       |

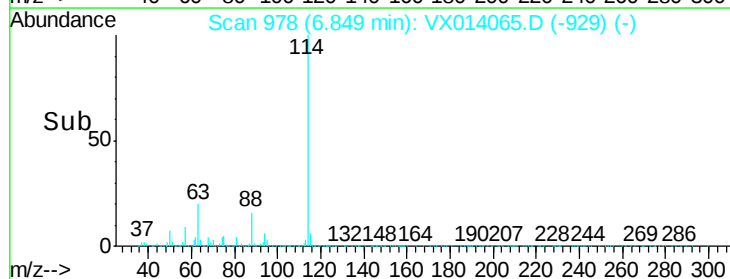
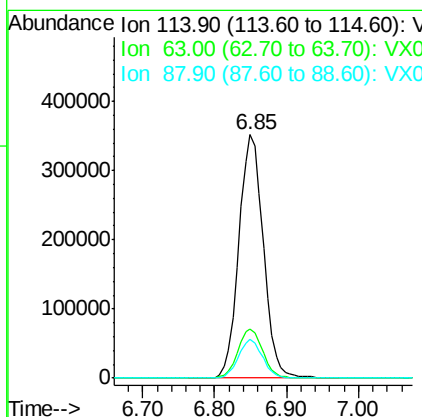
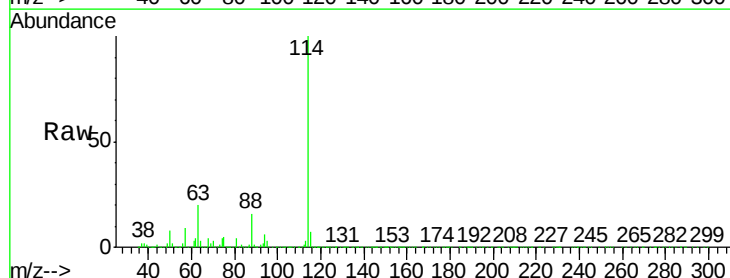
Manual Integrations  
 APPROVED

apatel  
 12/18/2019 11:04:32 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.85 min Scan# 978  
 Delta R.T. 0.00 min  
 Lab File: VX014065.D  
 Acq: 17 Dec 2019 20:29

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 830869 |       |       |
| 63      | 19.9  | 0.0    | 40.8  |       |
| 88      | 15.9  | 0.0    | 30.4  |       |





#35

Dibromofluoromethane

Concen: 48.303 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

Instrument :

MSVOA\_X

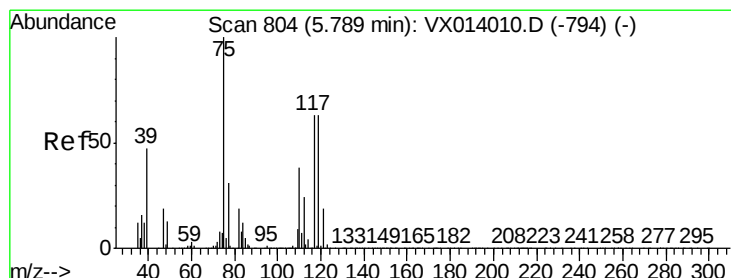
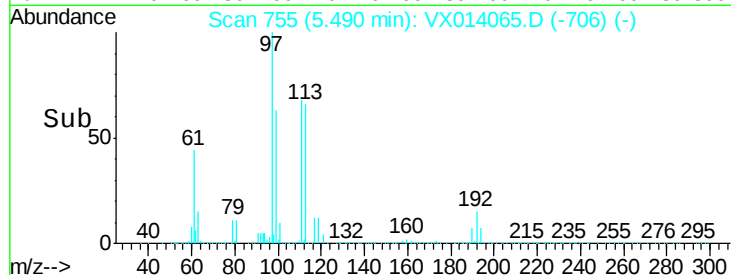
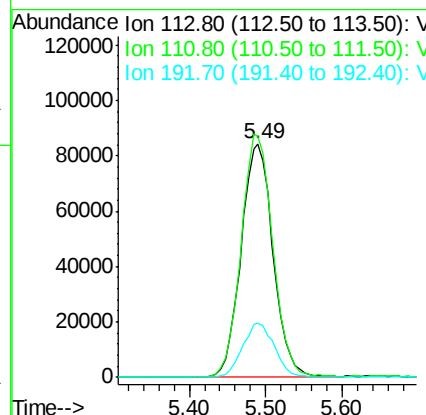
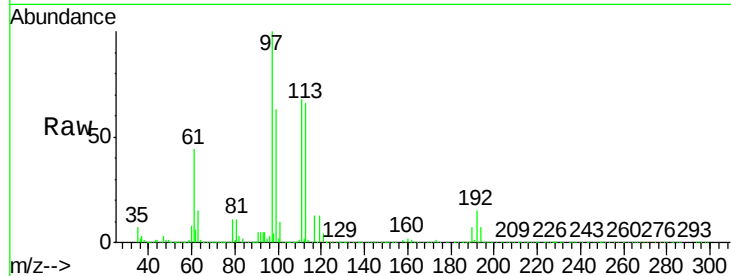
ClientSampleId :

MW202D-20191207MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 243965 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 103.0 | 82.0  | 123.0  |
| 192       | 23.0  | 19.3  | 28.9   |

Manual Integrations  
APPROVED

apatel  
12/18/2019 11:04:32 AM



#36

1,1-Dichloropropene

Concen: 46.920 ug/l

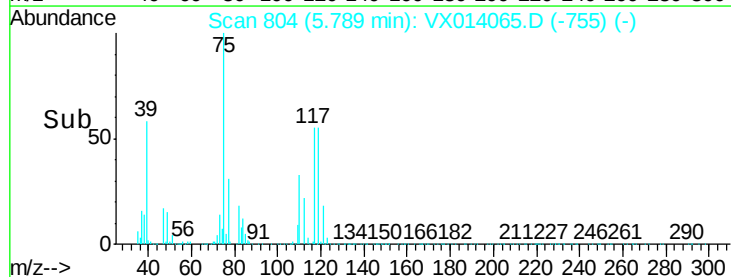
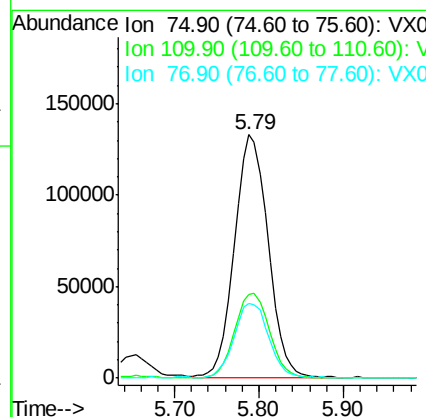
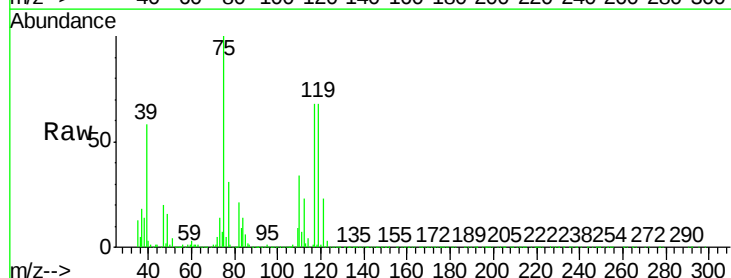
RT: 5.79 min Scan# 804

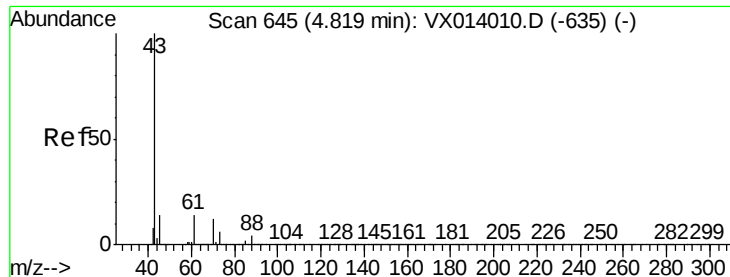
Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 357704 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 36.0  | 18.3  | 54.9   |
| 77        | 31.8  | 24.8  | 37.2   |





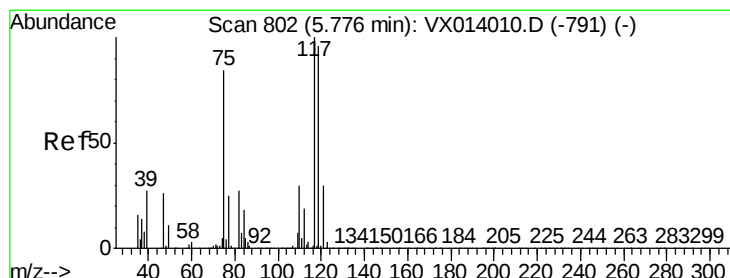
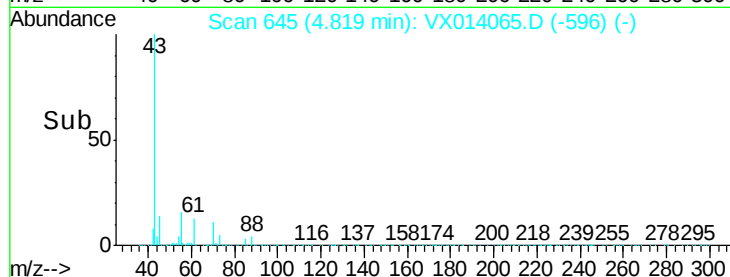
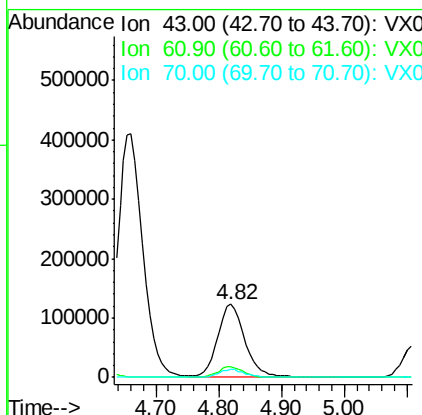
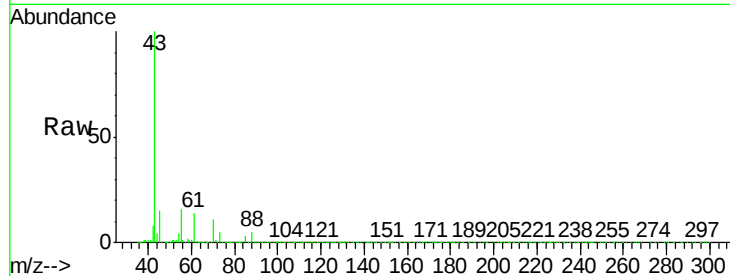
#37  
Ethyl Acetate  
Concen: 43.827 ug/l  
RT: 4.82 min Scan# 645  
Delta R.T. 0.00 min  
Lab File: VX014065.D  
Acq: 17 Dec 2019 20:29

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW202D-20191207MS

| Tot Ion   | 43    | Resp  | 368969 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 61        | 13.4  | 10.8  | 16.2   |
| 70        | 10.3  | 8.6   | 12.8   |

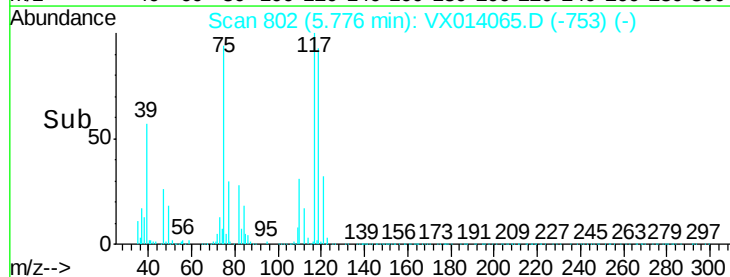
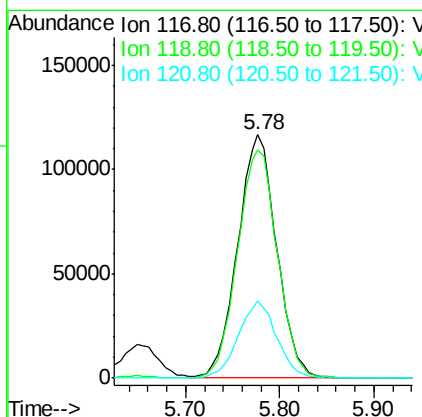
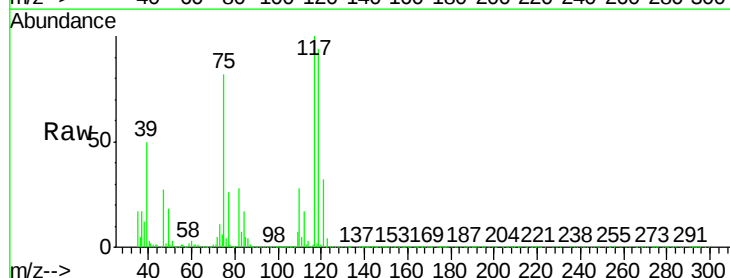
Manual Integrations  
APPROVED

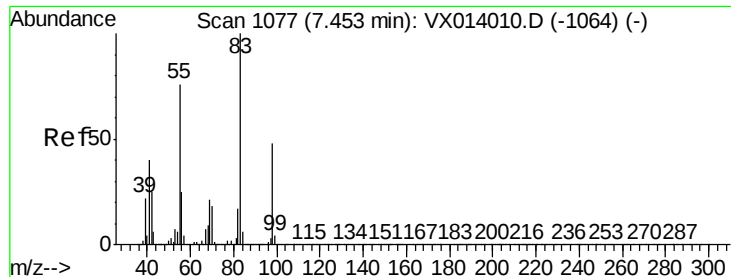
apatel  
12/18/2019 11:04:32 AM



#38  
Carbon Tetrachloride  
Concen: 48.057 ug/l  
RT: 5.78 min Scan# 802  
Delta R.T. 0.00 min  
Lab File: VX014065.D  
Acq: 17 Dec 2019 20:29

| Tgt Ion   | 117   | Resp  | 333758 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 93.9  | 76.2  | 114.4  |
| 121       | 31.6  | 23.6  | 35.4   |





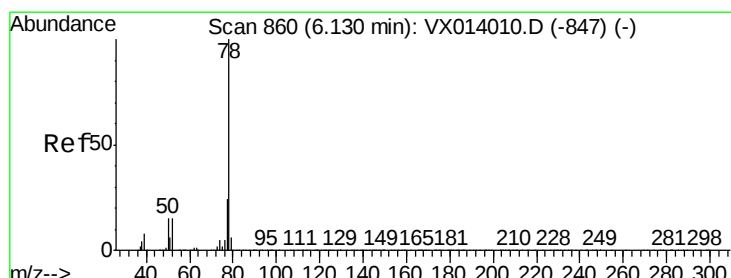
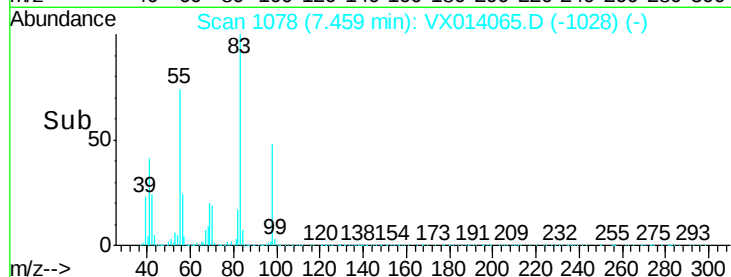
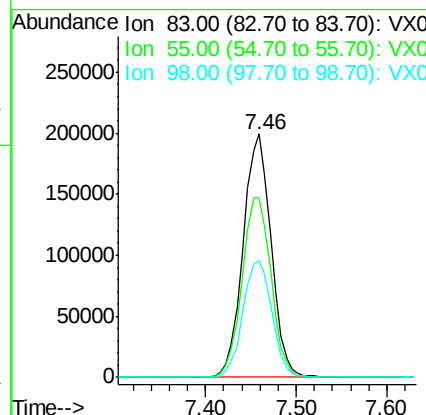
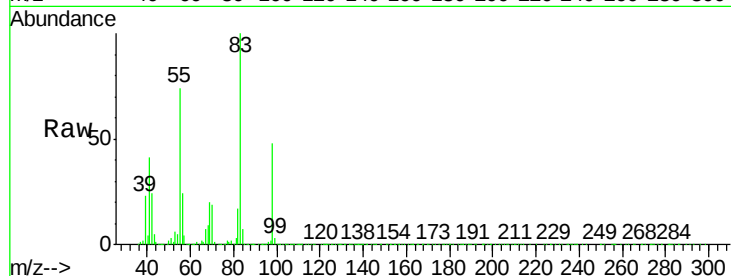
#39  
Methvlcvclohexane  
Concen: 44.995 ug/l  
RT: 7.46 min Scan# 1078  
Delta R.T. 0.01 min  
Lab File: VX014065.D  
Acq: 17 Dec 2019 20:29

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW202D-20191207MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 73.7  | 61.0  | 91.6  |
| 98      | 48.1  | 38.6  | 57.8  |

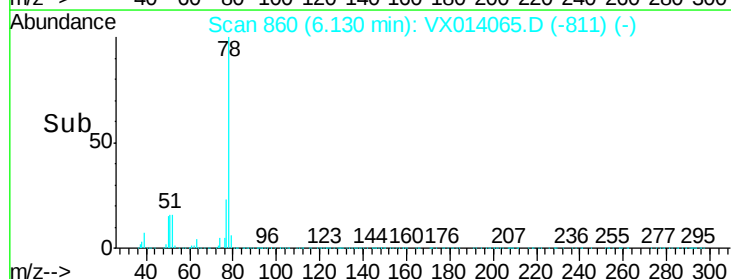
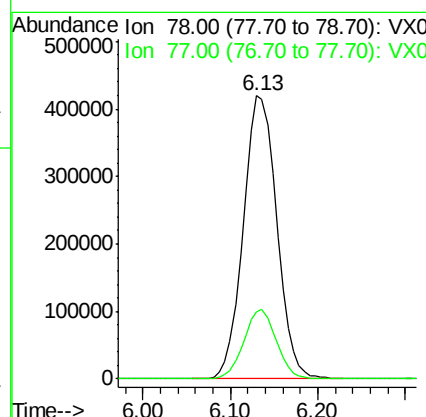
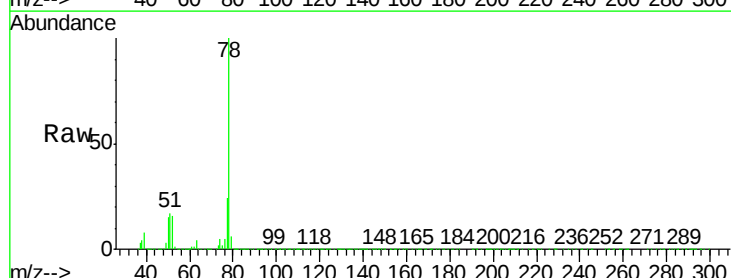
Manual Integrations  
APPROVED

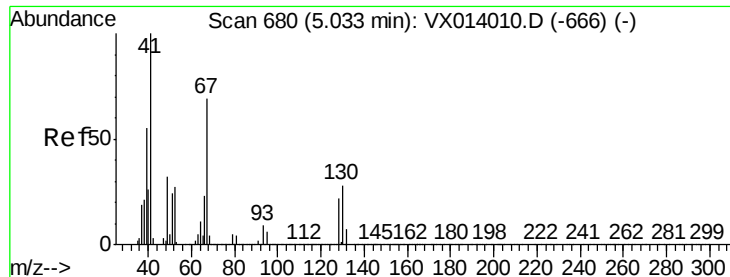
apatel  
12/18/2019 11:04:32 AM



#40  
Benzene  
Concen: 47.732 ug/l  
RT: 6.13 min Scan# 860  
Delta R.T. 0.00 min  
Lab File: VX014065.D  
Acq: 17 Dec 2019 20:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.7  | 18.8  | 28.2  |





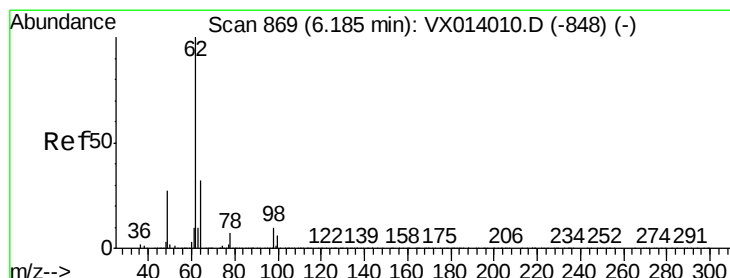
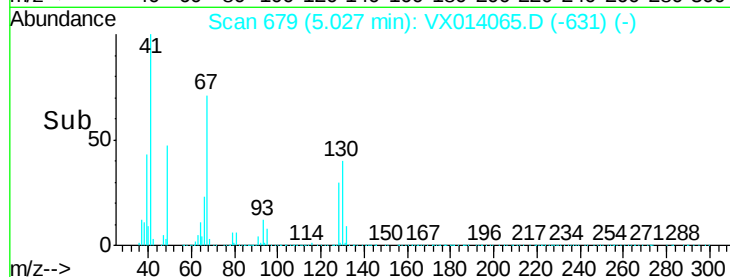
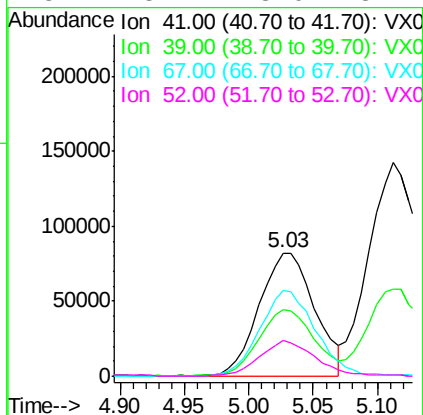
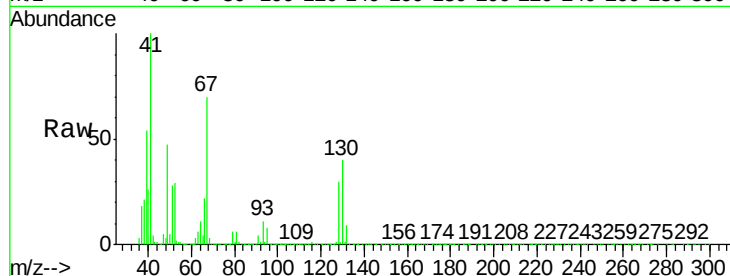
#41  
Methacrylonitrile  
Concen: 52.318 ug/l  
RT: 5.03 min Scan# 679  
Delta R.T. -0.01 min  
Lab File: VX014065.D  
Acq: 17 Dec 2019 20:29

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW202D-20191207MS

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 53.9 | 44.5  | 66.7  |       |
| 67      | 70.4 | 57.4  | 86.0  |       |
| 52      | 28.2 | 23.0  | 34.4  |       |

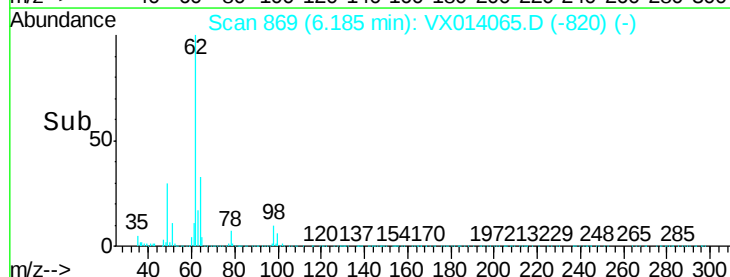
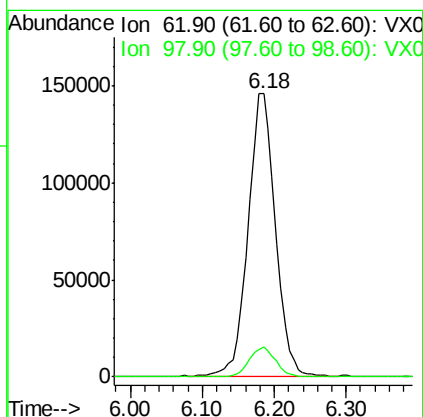
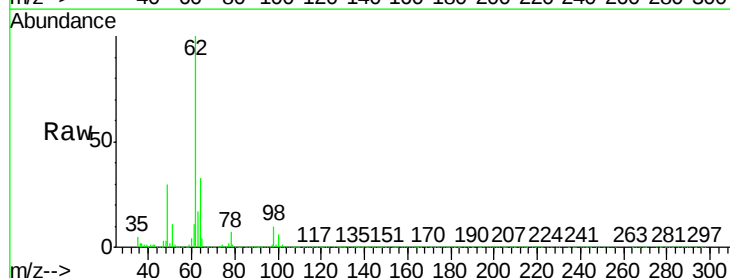
Manual Integrations  
APPROVED

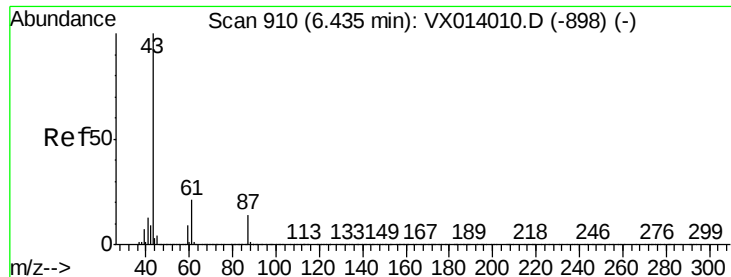
apatel  
12/18/2019 11:04:32 AM



#42  
1,2-Dichloroethane  
Concen: 48.259 ug/l  
RT: 6.18 min Scan# 869  
Delta R.T. 0.00 min  
Lab File: VX014065.D  
Acq: 17 Dec 2019 20:29

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 62      | 100  |       |       |       |
| 98      | 10.1 | 0.0   | 21.0  |       |





#43

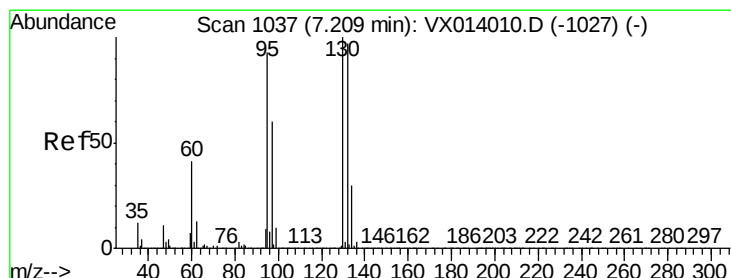
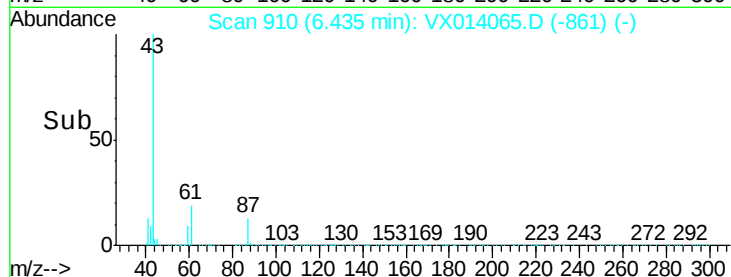
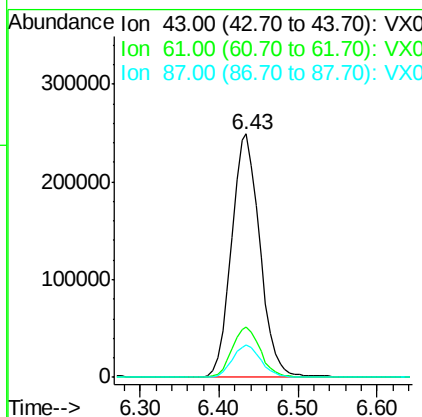
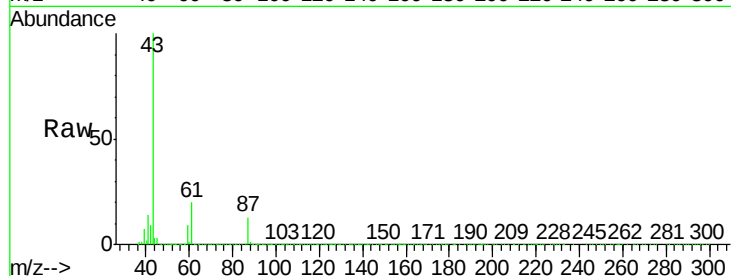
Isopropyl Acetate  
 Concen: 44.597 ug/l  
 RT: 6.43 min Scan# 910  
 Delta R.T. 0.00 min  
 Lab File: VX014065.D  
 Acq: 17 Dec 2019 20:29

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW202D-20191207MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 20.2  | 16.4  | 24.6  |
| 87      | 13.2  | 10.7  | 16.1  |

Manual Integrations  
 APPROVED

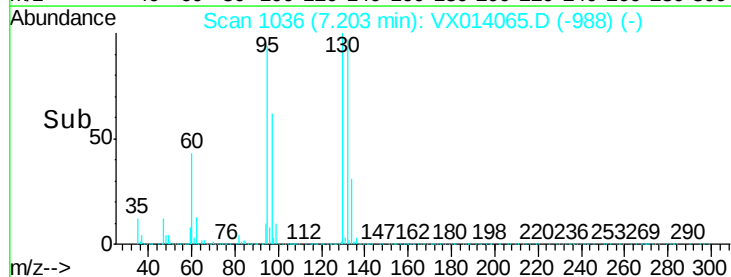
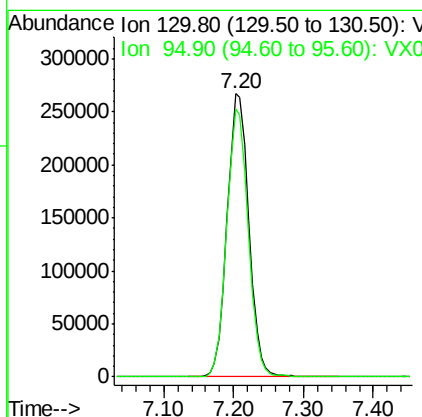
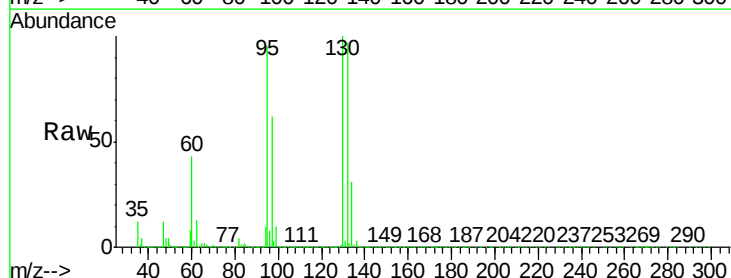
apatel  
 12/18/2019 11:04:32 AM

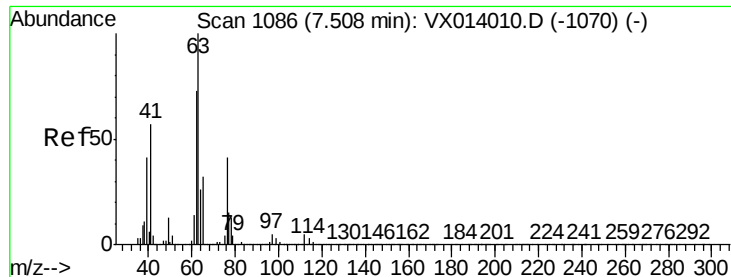


#44

Trichloroethene  
 Concen: 89.068 ug/l  
 RT: 7.20 min Scan# 1036  
 Delta R.T. -0.01 min  
 Lab File: VX014065.D  
 Acq: 17 Dec 2019 20:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 94.5  | 0.0   | 185.6 |





#45

1,2-Dichloropropane

Concen: 48.894 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

Instrument :

MSVOA\_X

ClientSampleId :

MW202D-20191207MS

Tot Ion: 63 Resp: 293965

Ion Ratio Lower Upper

63 100

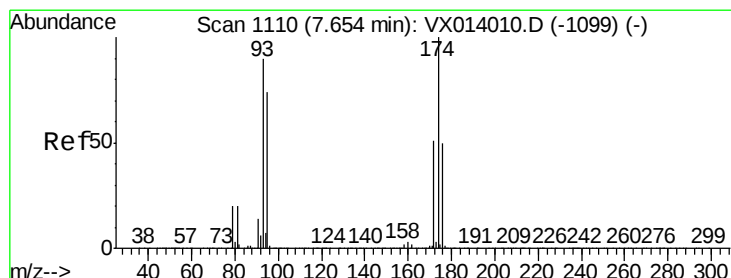
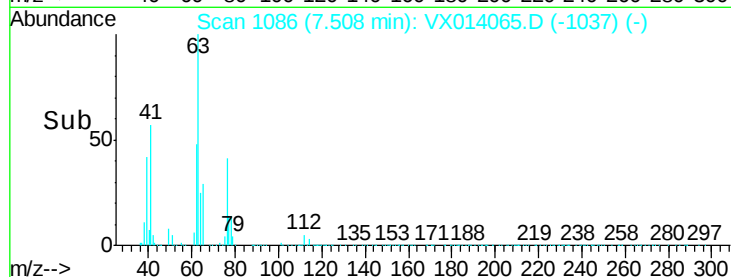
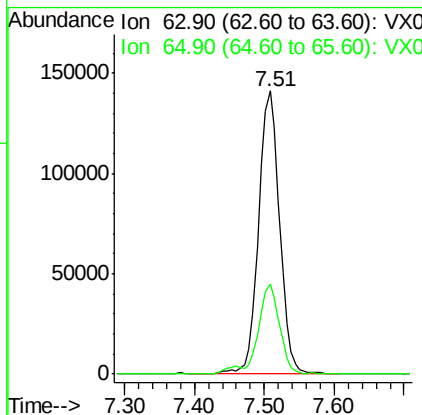
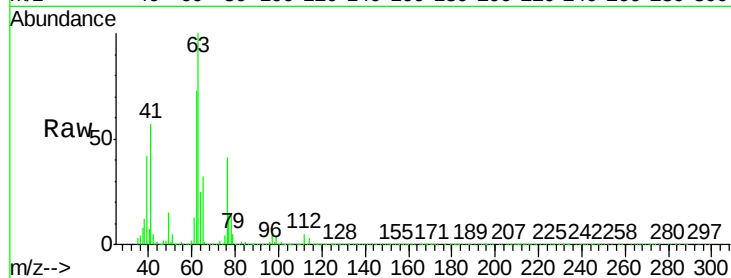
65 31.7 25.8 38.8

Manual Integrations

APPROVED

apatel

12/18/2019 11:04:32 AM



#46

Dibromomethane

Concen: 47.472 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

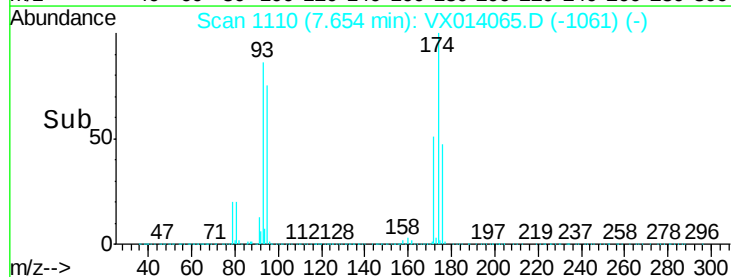
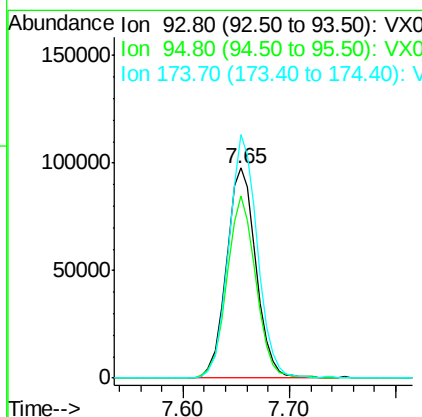
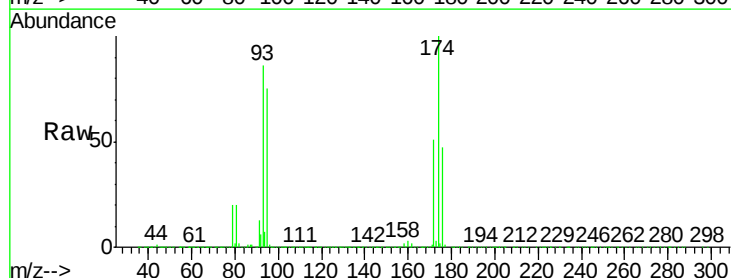
Tgt Ion: 93 Resp: 188702

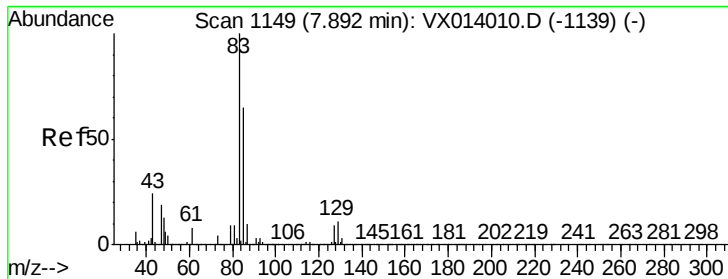
Ion Ratio Lower Upper

93 100

95 84.5 67.3 100.9

174 113.0 91.6 137.4





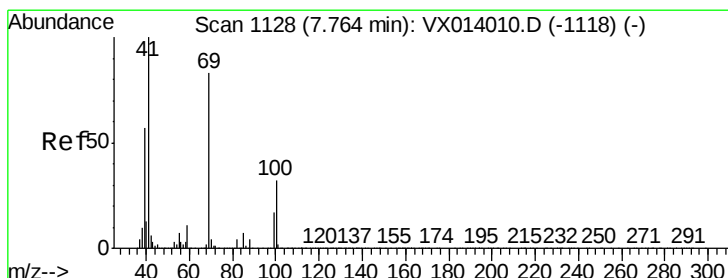
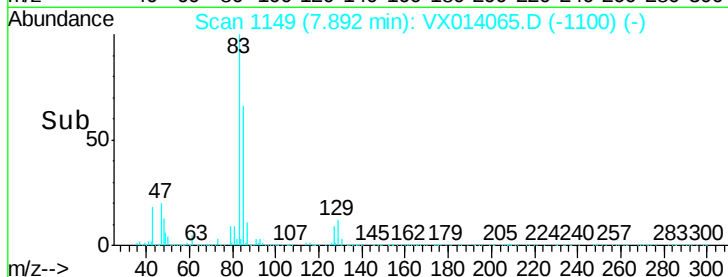
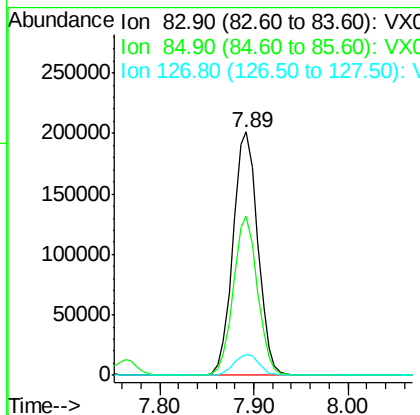
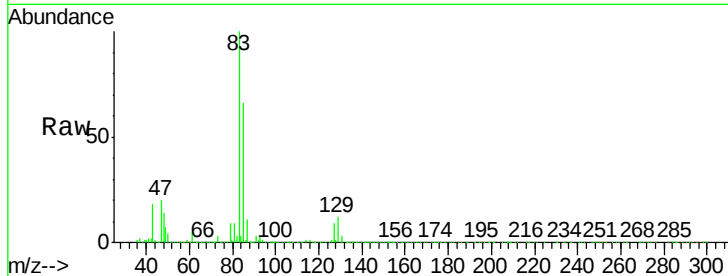
#47  
Bromodichloromethane  
Concen: 49.073 ug/l  
RT: 7.89 min Scan# 1149  
Delta R.T. 0.00 min  
Lab File: VX014065.D  
Acq: 17 Dec 2019 20:29

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW202D-20191207MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 367375 |       |       |
| 85      | 65.5  | 51.8   | 77.8  |       |
| 127     | 8.7   | 7.0    | 10.4  |       |

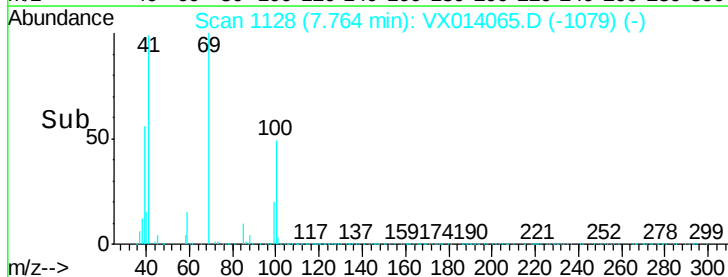
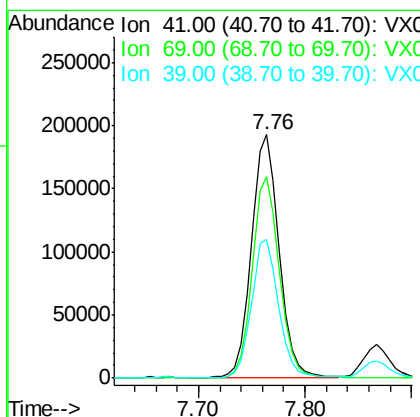
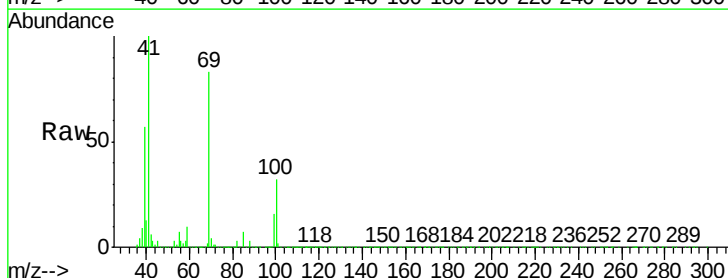
Manual Integrations  
APPROVED

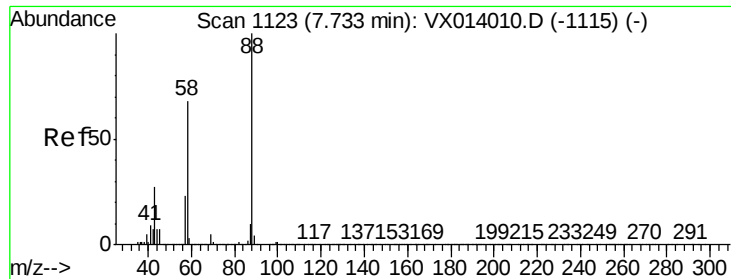
apatel  
12/18/2019 11:04:32 AM



#48  
Methyl methacrylate  
Concen: 51.290 ug/l  
RT: 7.76 min Scan# 1128  
Delta R.T. 0.00 min  
Lab File: VX014065.D  
Acq: 17 Dec 2019 20:29

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 41      | 100   | 349921 |       |       |
| 69      | 81.8  | 65.8   | 98.6  |       |
| 39      | 56.1  | 44.6   | 67.0  |       |





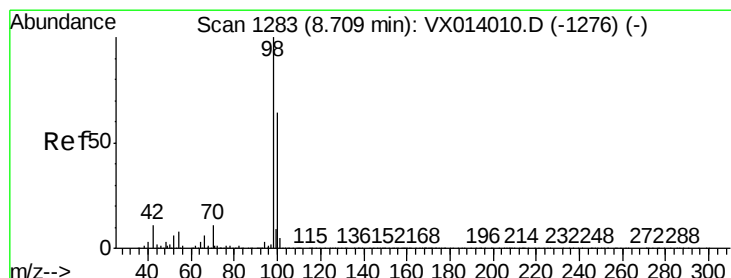
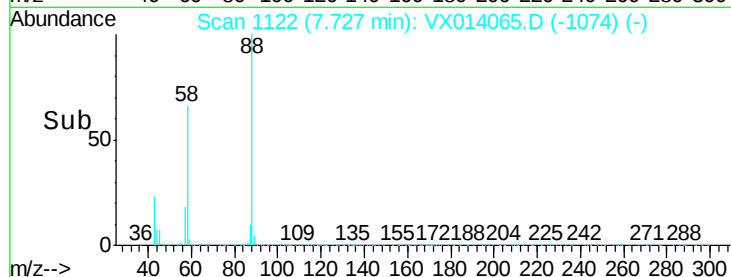
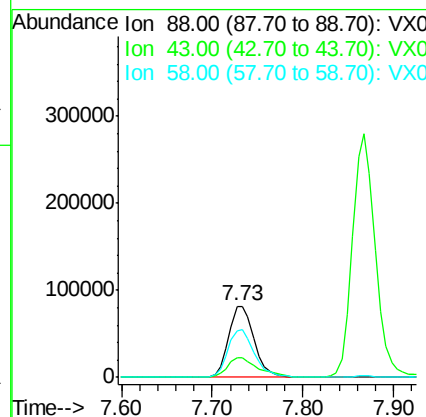
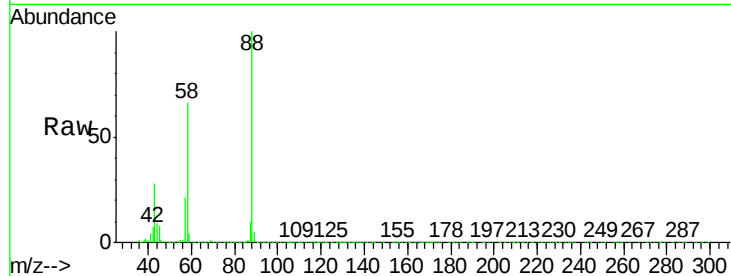
#49  
1,4-Dioxane  
Concen: 1141.423 ug/l  
RT: 7.73 min Scan# 1122  
Delta R.T. -0.01 min  
Lab File: VX014065.D  
Acq: 17 Dec 2019 20:29

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW202D-20191207MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 34.1  | 26.5  | 39.7  |
| 58      | 70.0  | 56.8  | 85.2  |

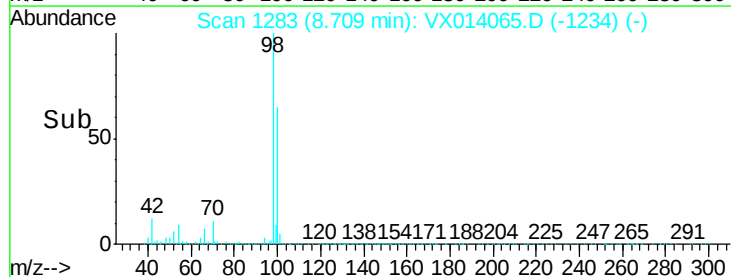
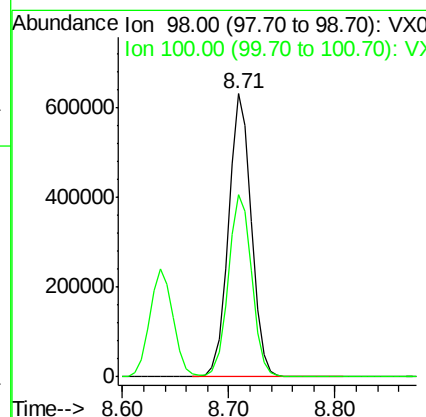
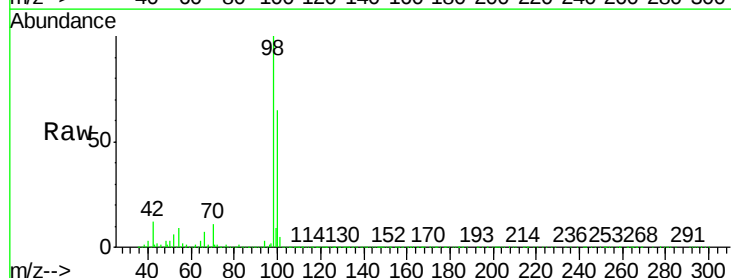
Manual Integrations  
APPROVED

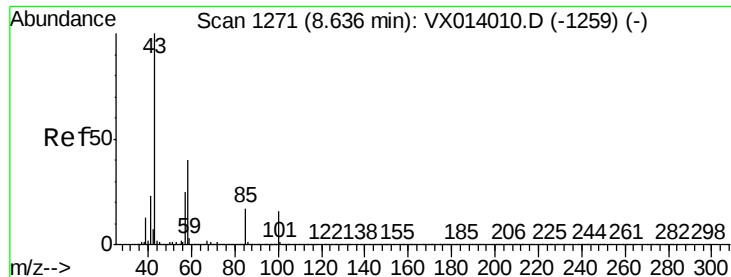
apatel  
12/18/2019 11:04:32 AM



#50  
Toluene-d8  
Concen: 48.110 ug/l  
RT: 8.71 min Scan# 1283  
Delta R.T. 0.00 min  
Lab File: VX014065.D  
Acq: 17 Dec 2019 20:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 65.9  | 52.9  | 79.3  |





#51

4-Methyl-2-Pentanone

Concen: 261.767 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

Instrument :

MSVOA\_X

ClientSampleId :

MW202D-20191207MS

Tot Ion: 43 Resp: 2290431

Ion Ratio Lower Upper

43 100

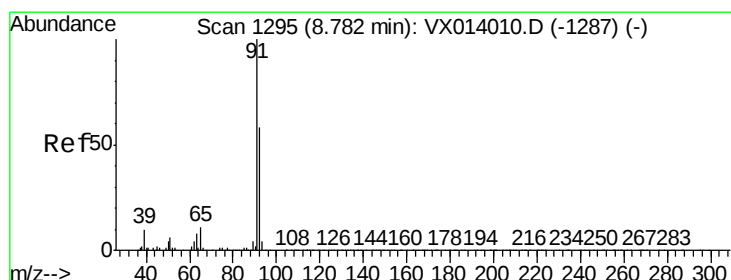
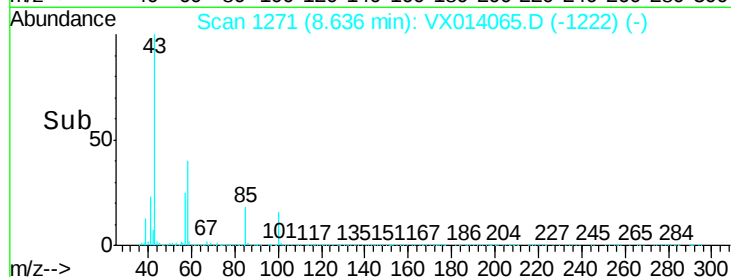
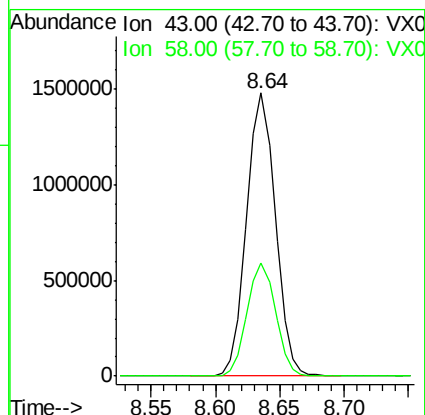
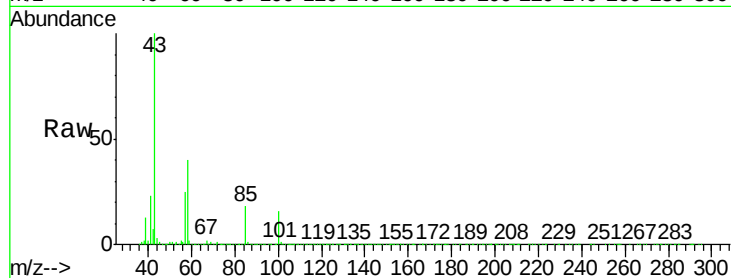
58 39.9 32.2 48.2

Manual Integrations

APPROVED

apatel

12/18/2019 11:04:32 AM



#52

Toluene

Concen: 47.755 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014065.D

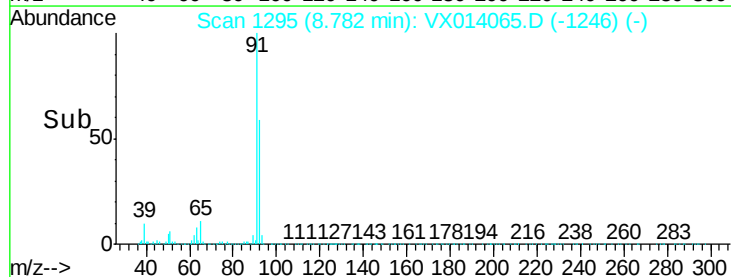
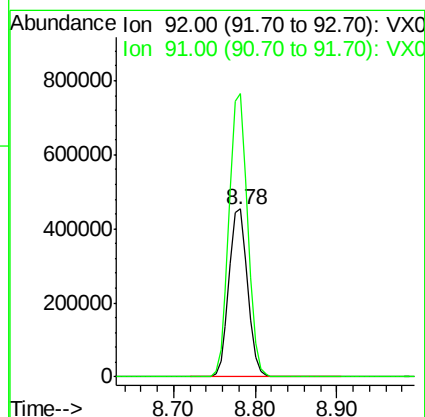
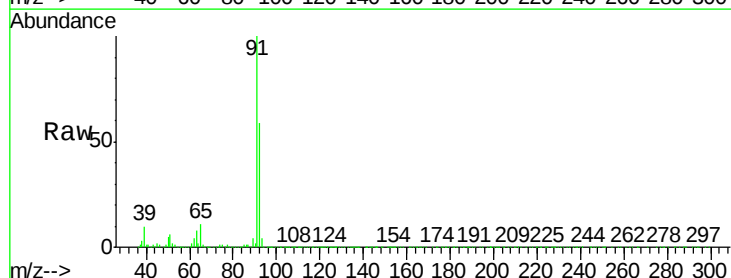
Acq: 17 Dec 2019 20:29

Tgt Ion: 92 Resp: 708047

Ion Ratio Lower Upper

92 100

91 168.5 136.2 204.4





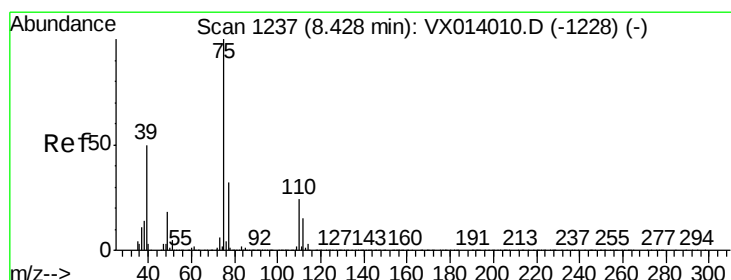
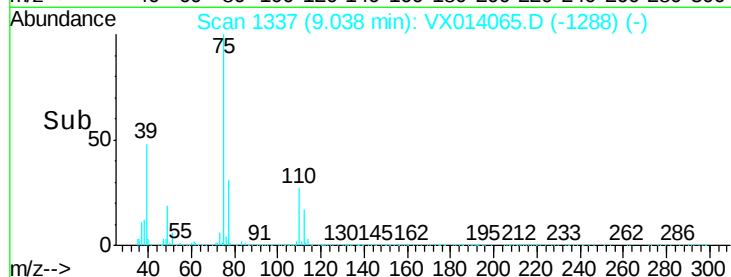
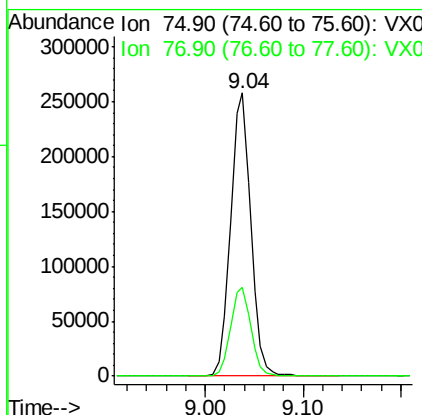
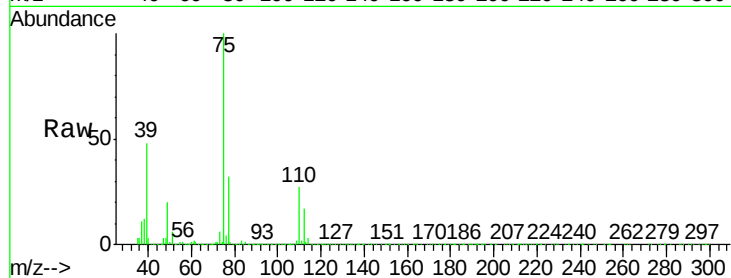
#53  
t-1,3-Dichloropropene  
Concen: 44.802 ug/l  
RT: 9.04 min Scan# 1337  
Delta R.T. 0.00 min  
Lab File: VX014065.D  
Acq: 17 Dec 2019 20:29

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW202D-20191207MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.5  | 25.1  | 37.7  |

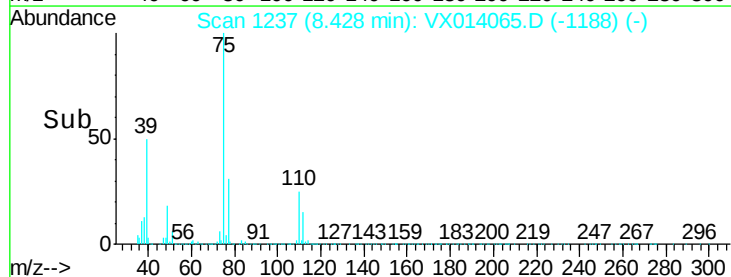
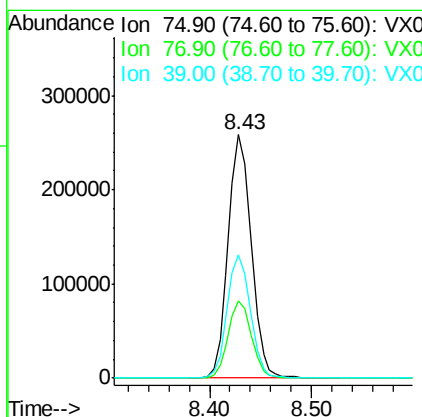
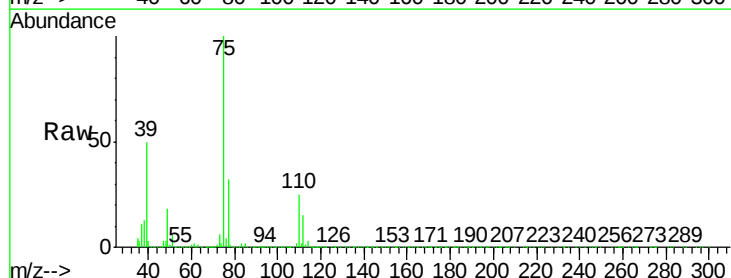
Manual Integrations  
APPROVED

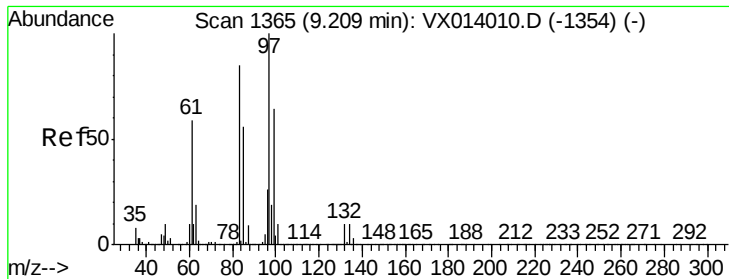
apatel  
12/18/2019 11:04:32 AM



#54  
cis-1,3-Dichloropropene  
Concen: 44.464 ug/l  
RT: 8.43 min Scan# 1237  
Delta R.T. 0.00 min  
Lab File: VX014065.D  
Acq: 17 Dec 2019 20:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.5  | 25.3  | 37.9  |
| 39      | 50.4  | 39.9  | 59.9  |





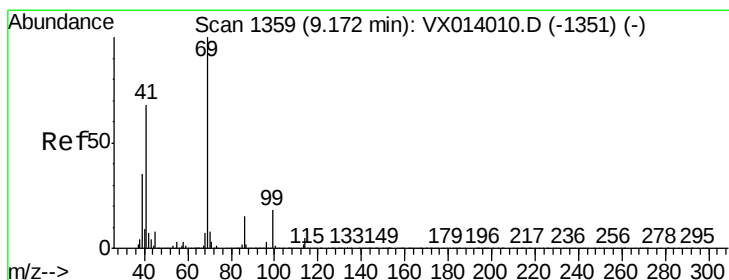
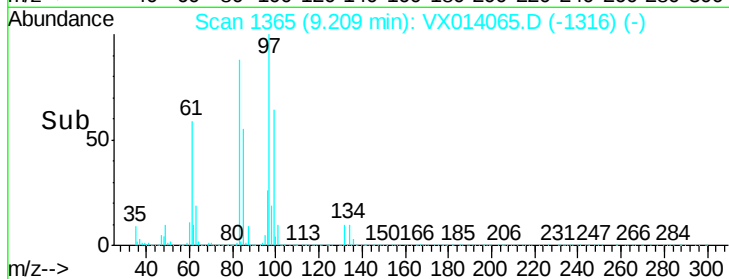
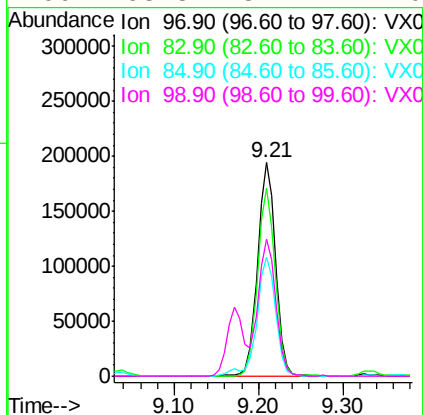
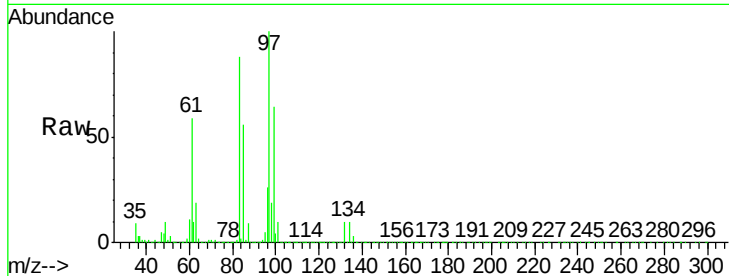
#55  
 1,1,2-Trichloroethane  
 Concen: 47.641 ug/l  
 RT: 9.21 min Scan# 1365  
 Delta R.T. 0.00 min  
 Lab File: VX014065.D  
 Acq: 17 Dec 2019 20:29

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW202D-20191207MS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 97      | 100  |       | 283098 |       |       |
| 83      | 87.8 | 68.2  | 102.4  |       |       |
| 85      | 55.5 | 44.6  | 66.8   |       |       |
| 99      | 63.8 | 51.4  | 77.0   |       |       |

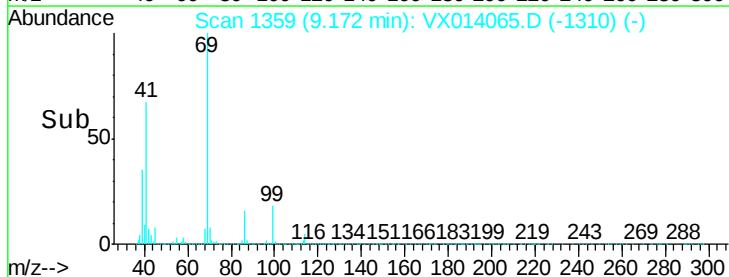
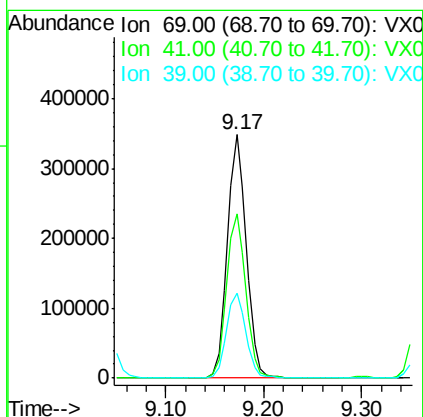
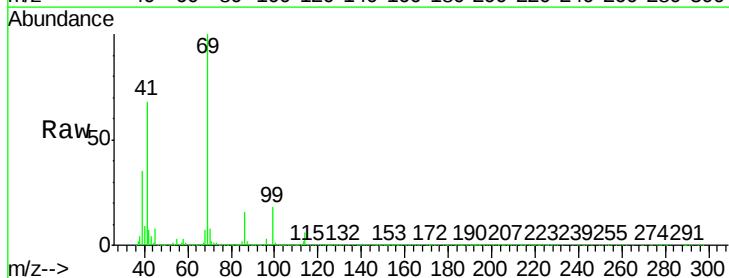
Manual Integrations  
 APPROVED

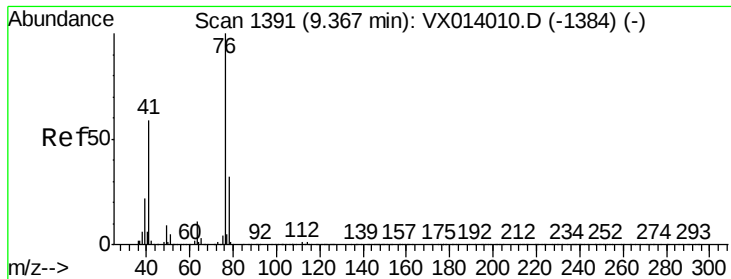
apatel  
 12/18/2019 11:04:32 AM



#56  
 Ethyl methacrylate  
 Concen: 50.155 ug/l  
 RT: 9.17 min Scan# 1359  
 Delta R.T. 0.00 min  
 Lab File: VX014065.D  
 Acq: 17 Dec 2019 20:29

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 69      | 100  |       | 468164 |       |       |
| 41      | 68.3 | 54.8  | 82.2   |       |       |
| 39      | 35.6 | 28.3  | 42.5   |       |       |





#57

1,3-Dichloropropane

Concen: 48.775 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

Instrument :

MSVOA\_X

ClientSampleId :

MW202D-20191207MS

Tot Ion: 76 Resp: 487651

Ion Ratio Lower Upper

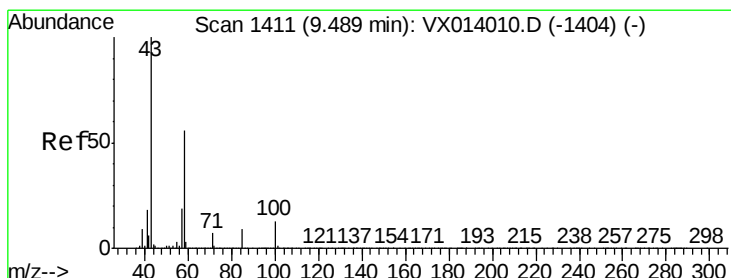
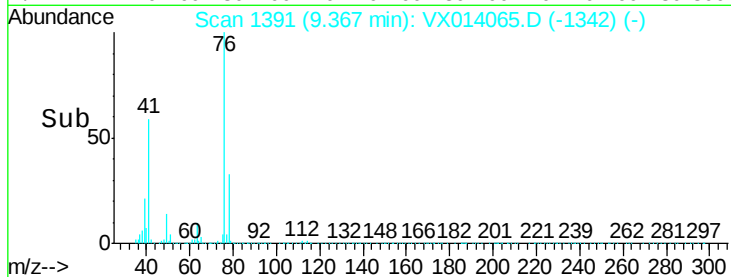
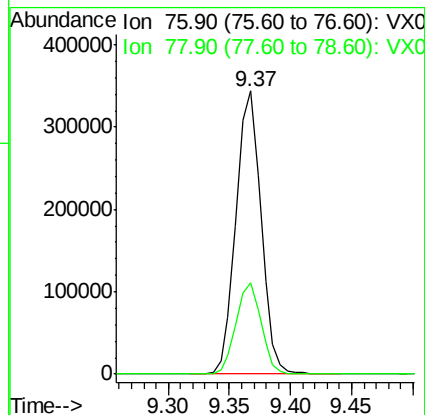
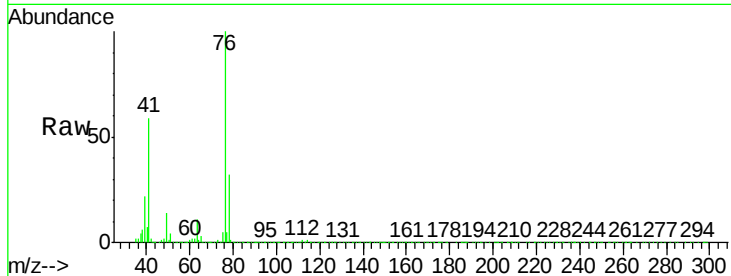
76 100

78 32.4 25.8 38.6

Manual Integrations  
APPROVED

apatel

12/18/2019 11:04:32 AM



#59

2-Hexanone

Concen: 252.385 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX014065.D

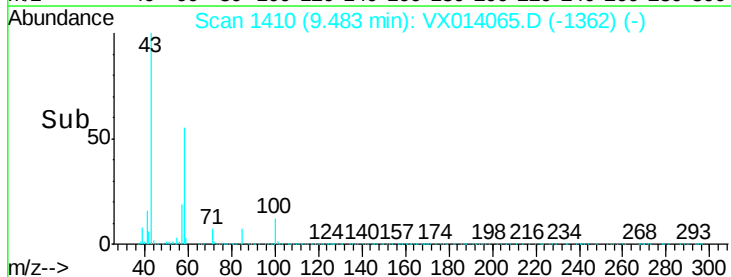
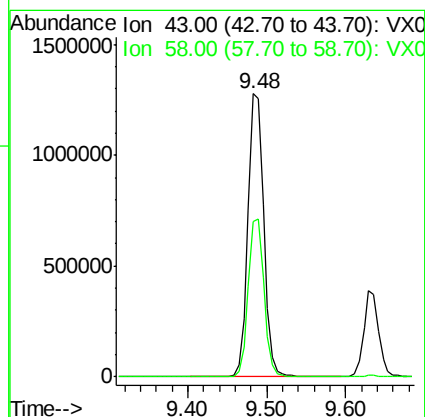
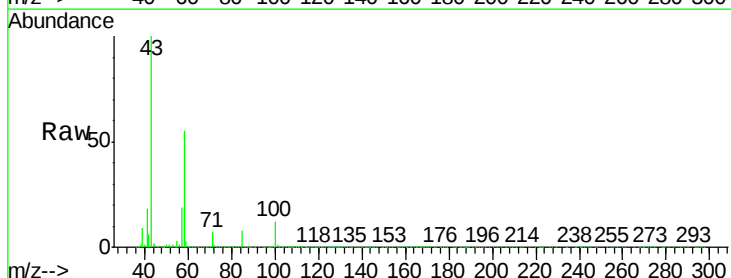
Acq: 17 Dec 2019 20:29

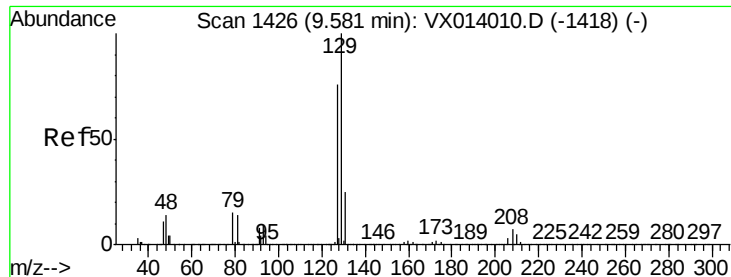
Tgt Ion: 43 Resp: 1777719

Ion Ratio Lower Upper

43 100

58 55.9 28.0 84.0





#60

Dibromochloromethane

Concen: 49.925 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

Instrument :

MSVOA\_X

ClientSampleId :

MW202D-20191207MS

Tot Ion:129 Resp: 294894

Ion Ratio Lower Upper

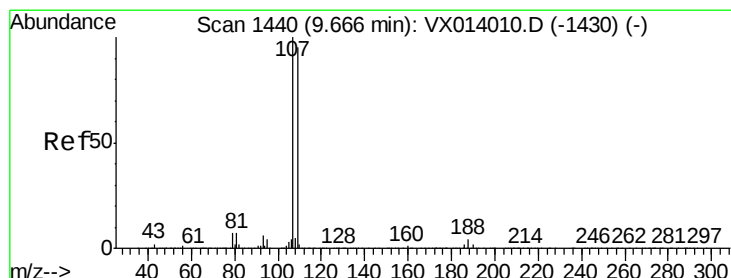
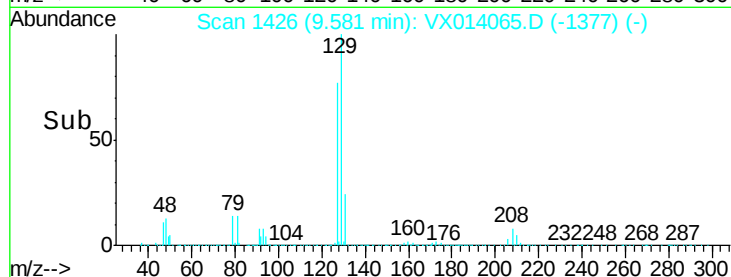
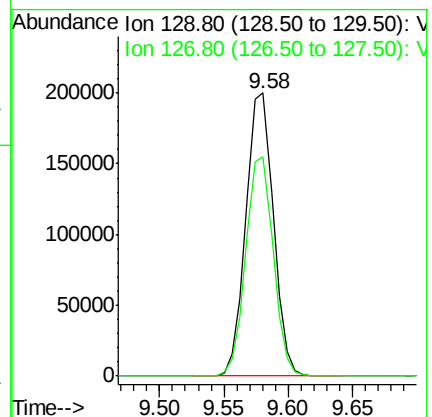
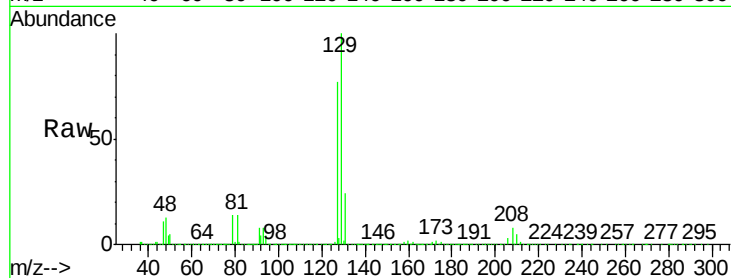
129 100

127 77.7 38.4 115.2

Manual Integrations  
APPROVED

apatel

12/18/2019 11:04:32 AM



#61

1,2-Dibromoethane

Concen: 49.358 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014065.D

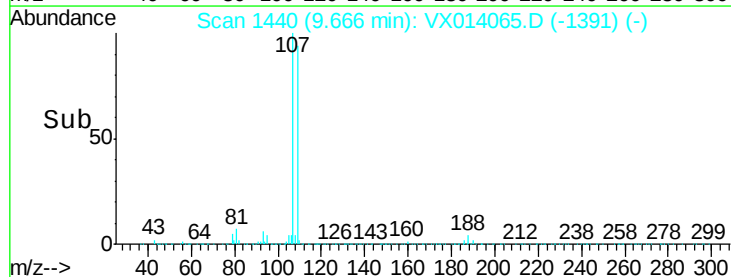
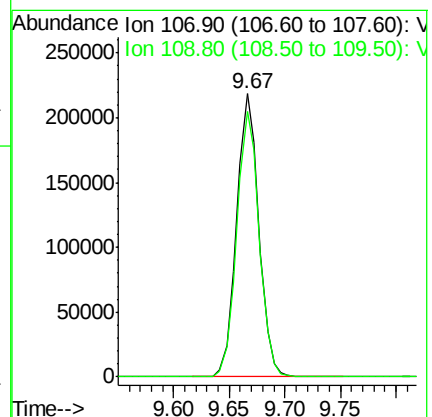
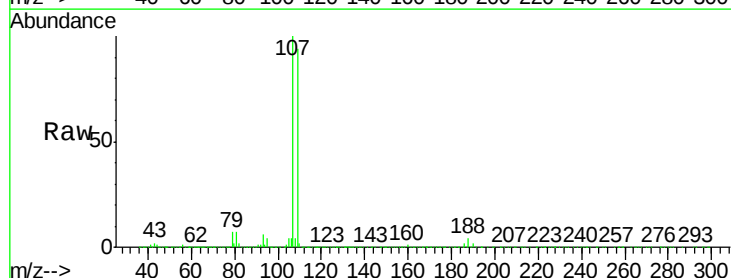
Acq: 17 Dec 2019 20:29

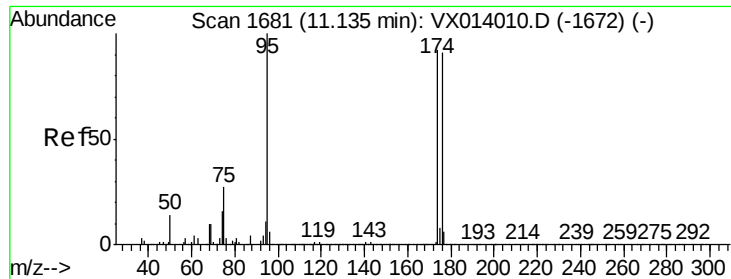
Tgt Ion:107 Resp: 300097

Ion Ratio Lower Upper

107 100

109 94.9 75.7 113.5





#62

4-Bromofluorobenzene

Concen: 45.965 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

Instrument :

MSVOA\_X

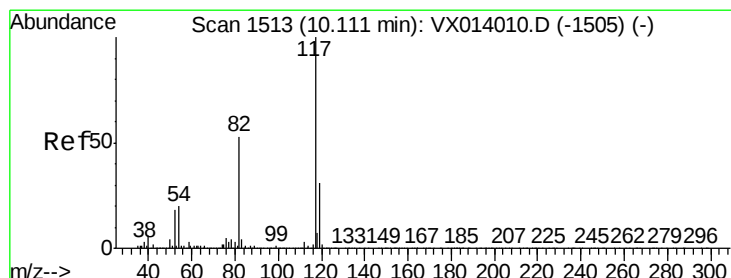
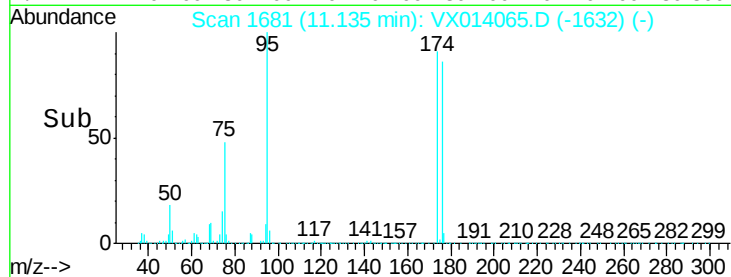
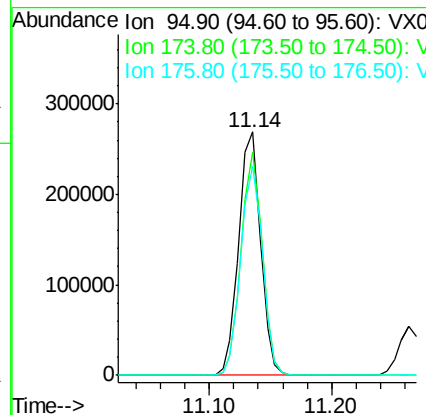
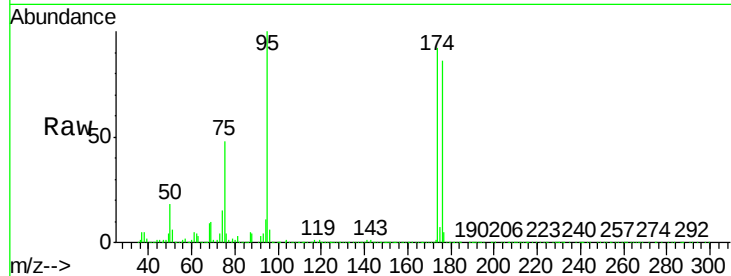
ClientSampleId :

MW202D-20191207MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 95    | Resp: | 330400 |
| Ion Ratio | Lower | Upper |        |
| 95        | 100   |       |        |
| 174       | 89.3  | 0.0   | 175.8  |
| 176       | 86.2  | 0.0   | 173.0  |

Manual Integrations  
APPROVED

apatel  
12/18/2019 11:04:32 AM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

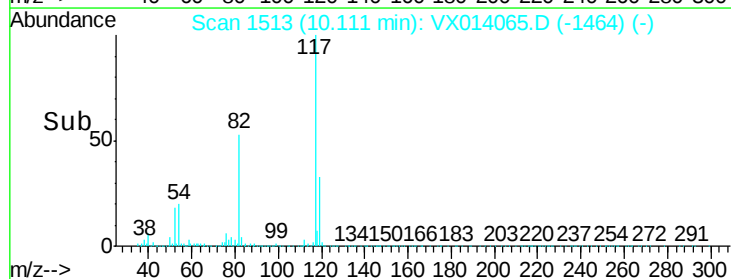
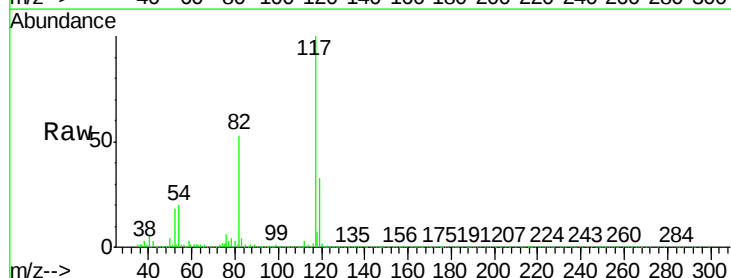
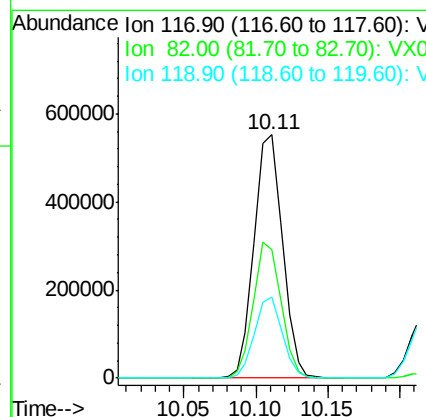
RT: 10.11 min Scan# 1513

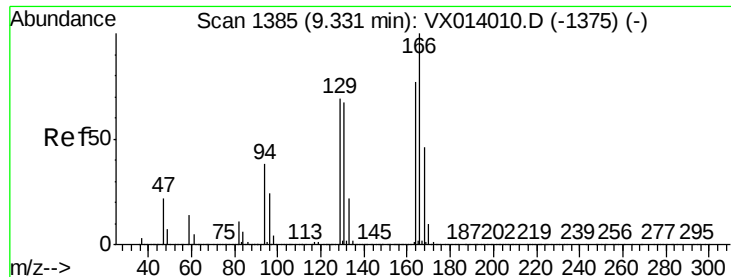
Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 753067 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 82        | 52.8  | 42.2  | 63.4   |
| 119       | 33.1  | 25.1  | 37.7   |





#64

Tetrachloroethene

Concen: 52.450 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

Instrument :

MSVOA\_X

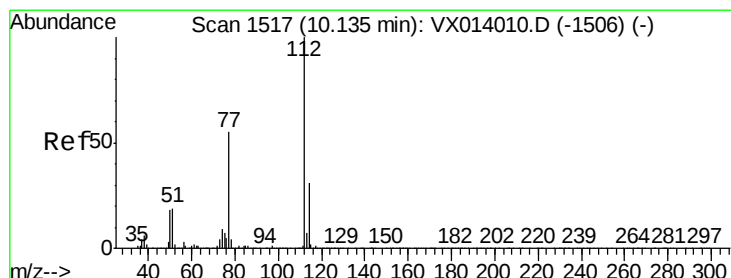
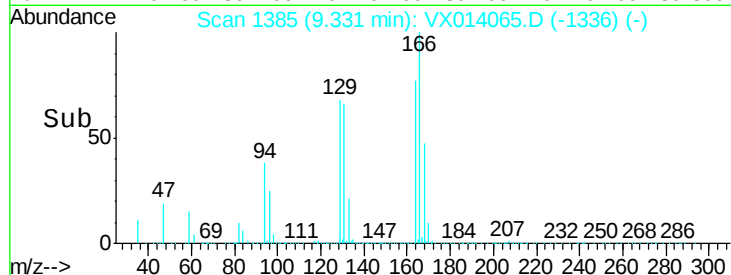
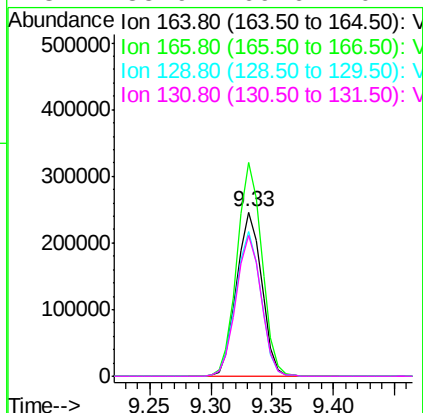
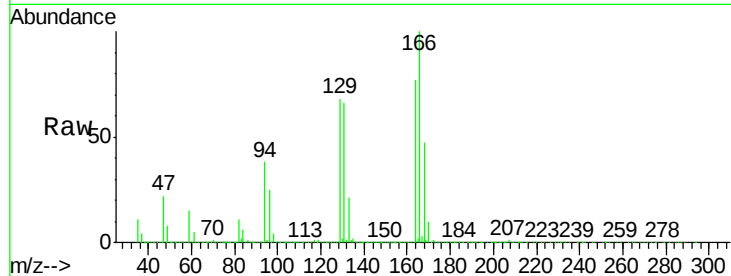
ClientSampleId :

MW202D-20191207MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 164   | Resp: | 349512 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 166       | 130.2 | 104.0 | 156.0  |
| 129       | 88.0  | 72.2  | 108.4  |
| 131       | 85.9  | 69.6  | 104.4  |

Manual Integrations  
APPROVED

apatel  
12/18/2019 11:04:32 AM



#65

Chlorobenzene

Concen: 46.642 ug/l

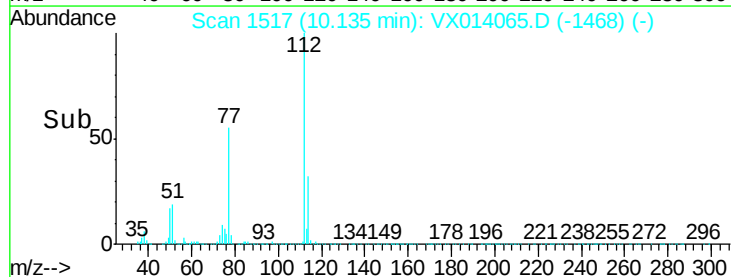
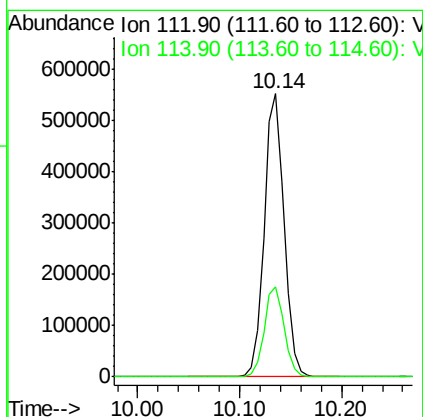
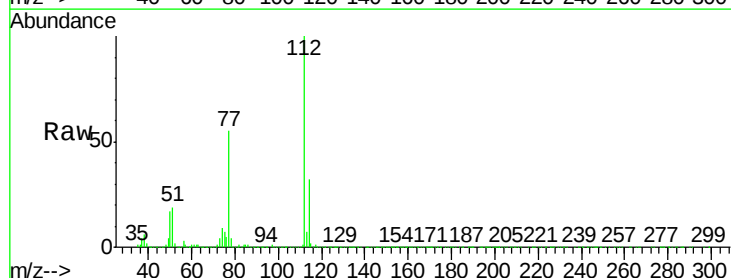
RT: 10.14 min Scan# 1517

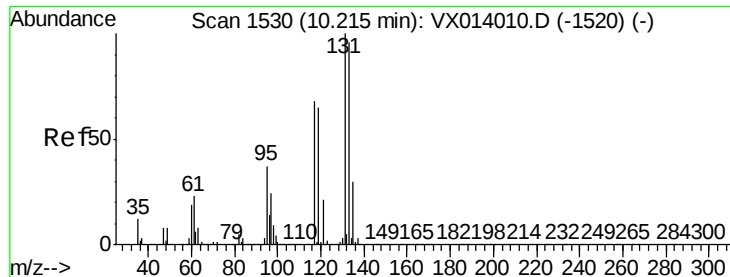
Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 112   | Resp: | 746839 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 114       | 32.0  | 24.9  | 37.3   |





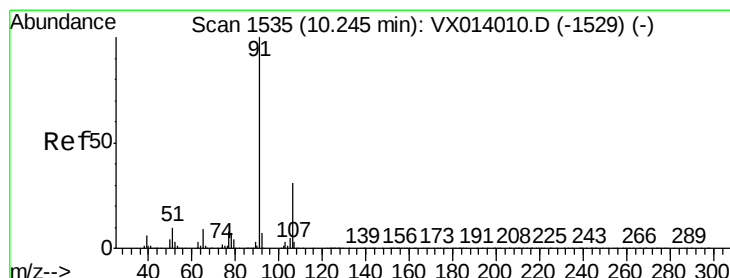
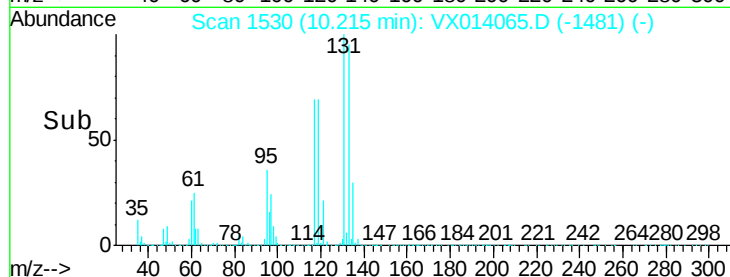
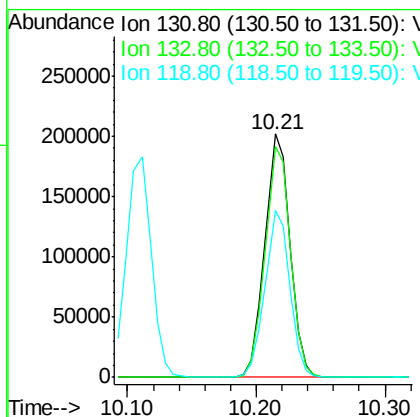
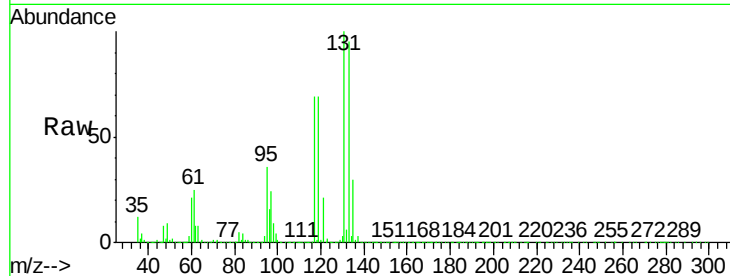
#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 48.180 ug/l  
 RT: 10.21 min Scan# 1530  
 Delta R.T. 0.00 min  
 Lab File: VX014065.D  
 Acq: 17 Dec 2019 20:29

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW202D-20191207MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 95.4  | 48.0  | 144.0 |
| 119     | 67.5  | 33.4  | 100.2 |

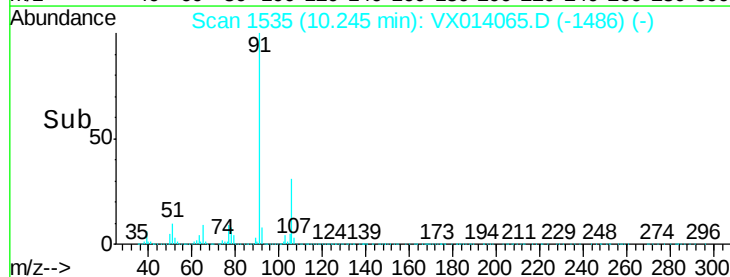
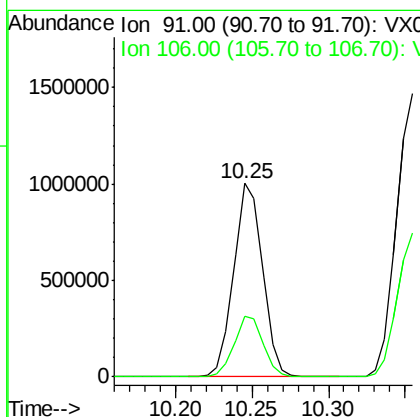
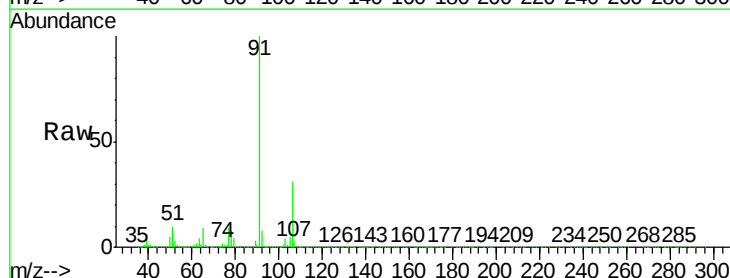
Manual Integrations  
 APPROVED

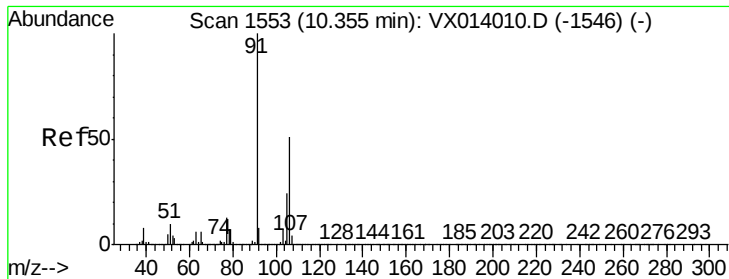
apatel  
 12/18/2019 11:04:32 AM



#67  
 Ethyl Benzene  
 Concen: 47.661 ug/l  
 RT: 10.25 min Scan# 1535  
 Delta R.T. 0.00 min  
 Lab File: VX014065.D  
 Acq: 17 Dec 2019 20:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 106     | 31.3  | 25.0  | 37.6  |





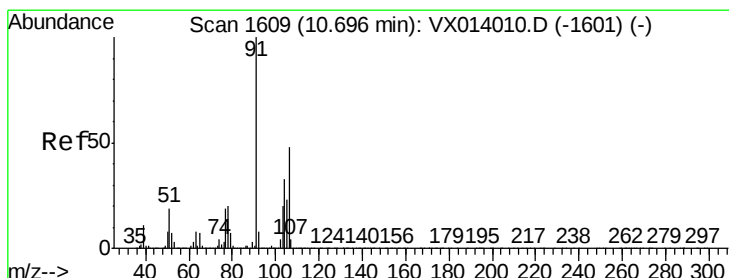
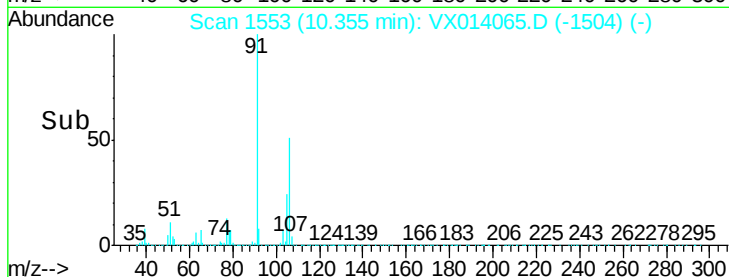
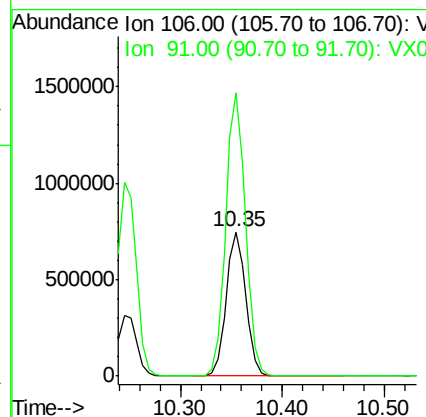
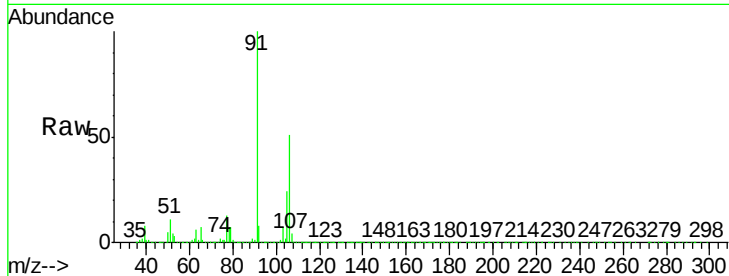
#68  
m/p-Xvlenes  
Concen: 94.018 ug/l  
RT: 10.35 min Scan# 1553  
Delta R.T. 0.00 min  
Lab File: VX014065.D  
Acq: 17 Dec 2019 20:29

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW202D-20191207MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 106     | 100   | 995449 |       |       |
| 91      | 198.4 | 158.6  | 238.0 |       |

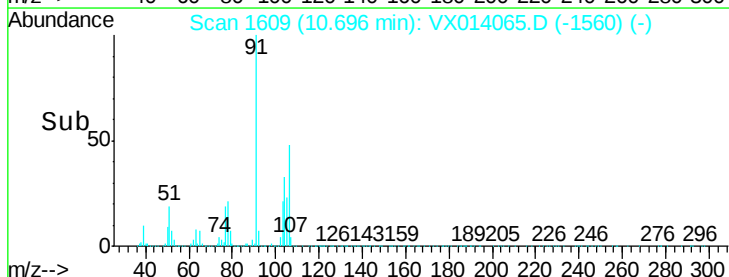
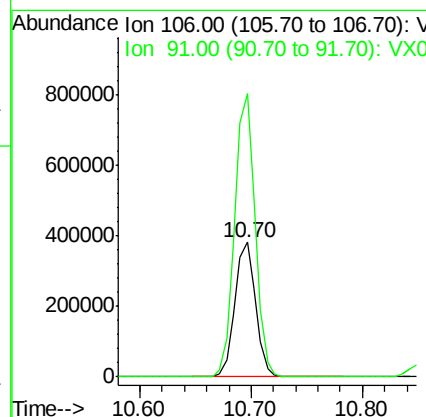
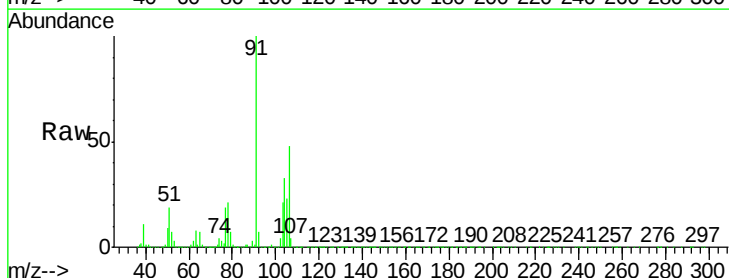
Manual Integrations  
APPROVED

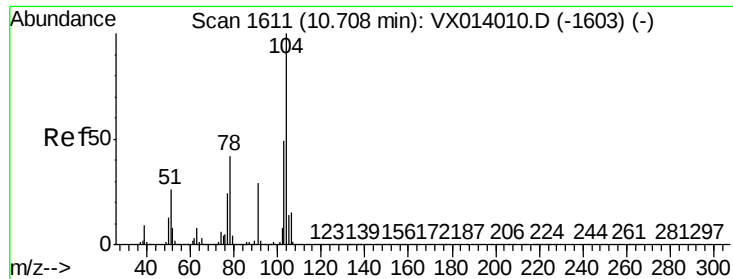
apatel  
12/18/2019 11:04:32 AM



#69  
o-Xylene  
Concen: 46.782 ug/l  
RT: 10.70 min Scan# 1609  
Delta R.T. 0.00 min  
Lab File: VX014065.D  
Acq: 17 Dec 2019 20:29

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 106     | 100   | 485782 |       |       |
| 91      | 209.5 | 104.2  | 312.6 |       |





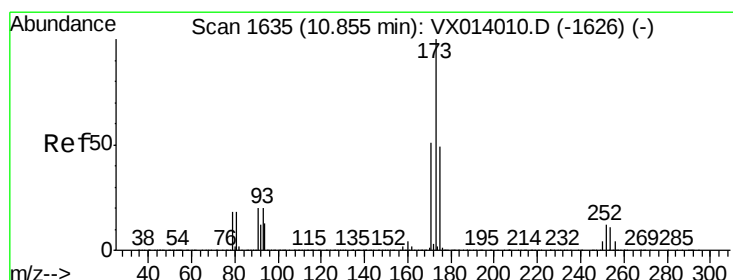
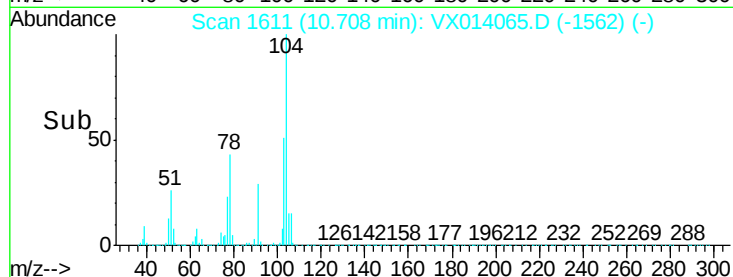
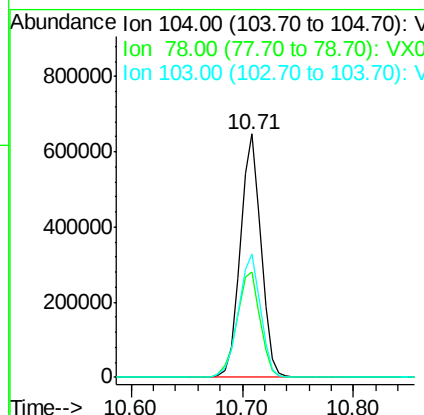
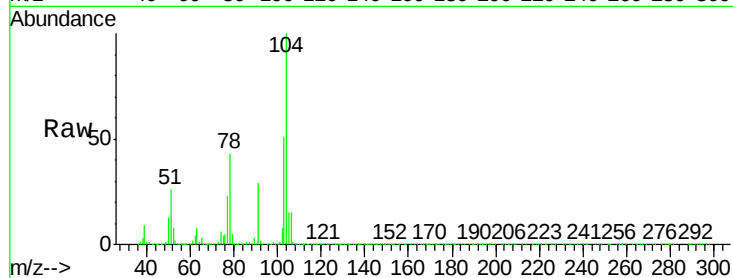
#70  
Stvrene  
Concen: 47.155 ug/l  
RT: 10.71 min Scan# 1611  
Delta R.T. 0.00 min  
Lab File: VX014065.D  
Acq: 17 Dec 2019 20:29

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW202D-20191207MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 104     | 100   | 828005 |       |       |
| 78      | 48.7  |        | 38.5  | 57.7  |
| 103     | 54.6  |        | 42.9  | 64.3  |

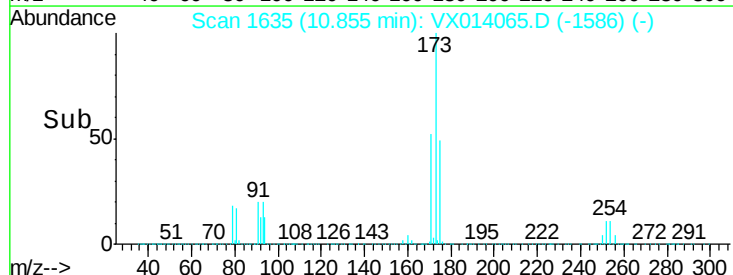
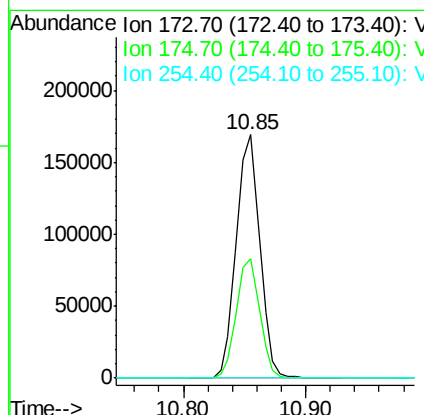
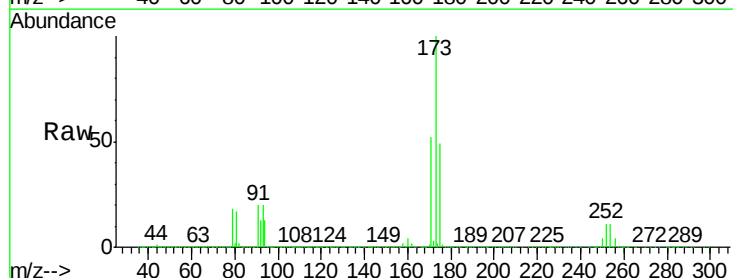
Manual Integrations  
APPROVED

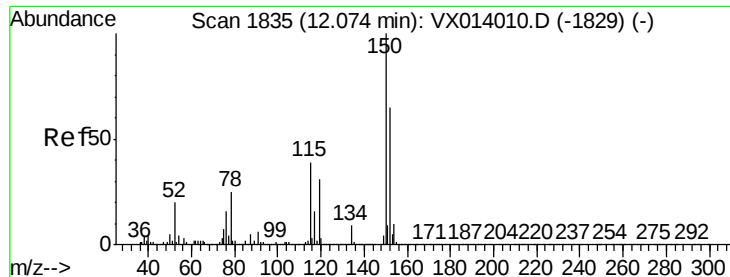
apatel  
12/18/2019 11:04:32 AM



#71  
Bromoform  
Concen: 49.070 ug/l  
RT: 10.85 min Scan# 1635  
Delta R.T. 0.00 min  
Lab File: VX014065.D  
Acq: 17 Dec 2019 20:29

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 173     | 100   | 225509 |       |       |
| 175     | 48.7  |        | 24.4  | 73.4  |
| 254     | 0.2   |        | 0.2   | 0.2   |





#72

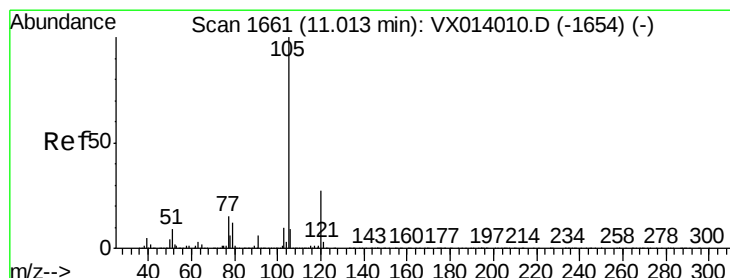
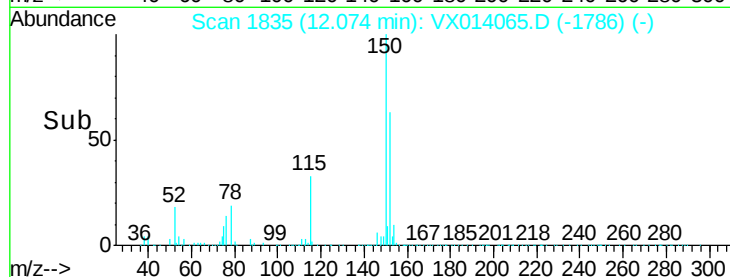
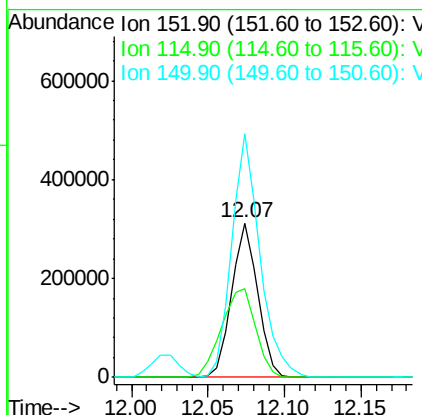
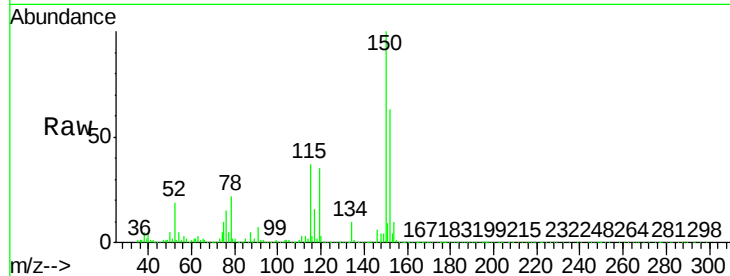
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.07 min Scan# 1835  
Delta R.T. 0.00 min  
Lab File: VX014065.D  
Acq: 17 Dec 2019 20:29

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW202D-20191207MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 152     | 100   | 365706 |       |       |
| 115     | 75.9  | 38.3   | 114.9 |       |
| 150     | 171.7 | 0.0    | 345.4 |       |

Manual Integrations  
APPROVED

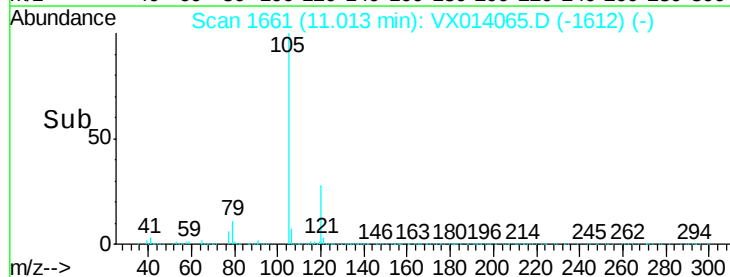
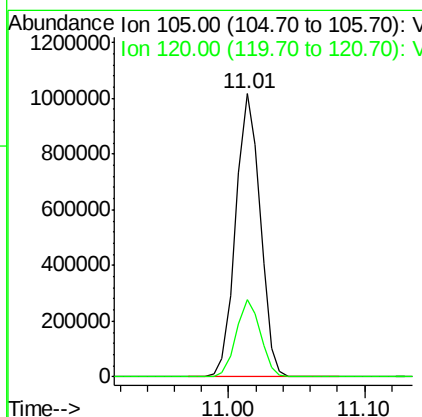
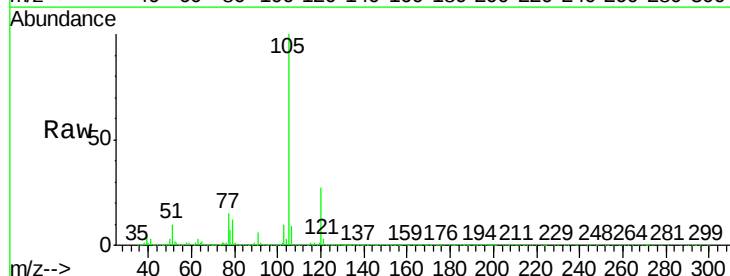
apatel  
12/18/2019 11:04:32 AM

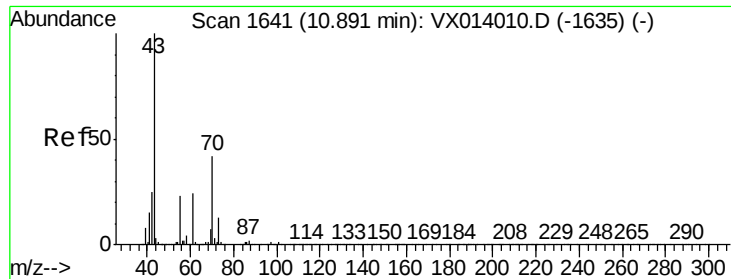


#73

Isopropylbenzene  
Concen: 49.507 ug/l  
RT: 11.01 min Scan# 1661  
Delta R.T. 0.00 min  
Lab File: VX014065.D  
Acq: 17 Dec 2019 20:29

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 105     | 100   | 1274719 |       |       |
| 120     | 26.9  | 13.5    | 40.4  |       |





#74

N-amvl acetate

Concen: 40.188 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

Instrument :

MSVOA\_X

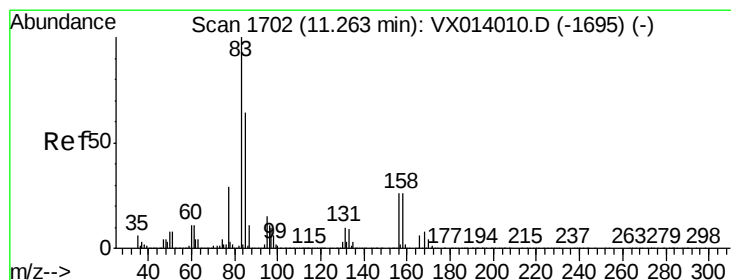
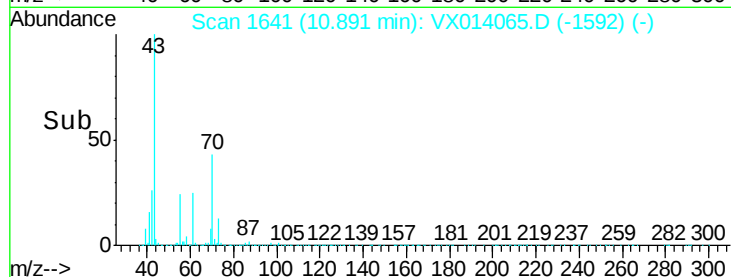
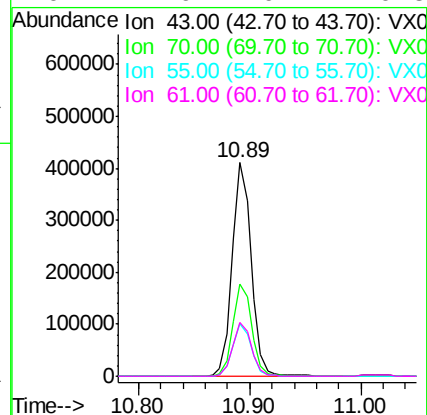
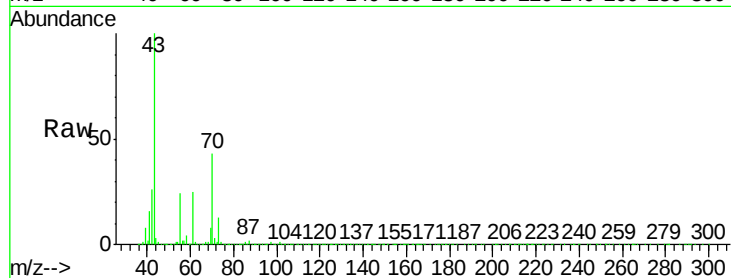
ClientSampleId :

MW202D-20191207MS

| Tot Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 43      | 43.00 | 100   | 485045 |       |       |
| 70      | 70.00 | 43.3  |        | 34.4  | 51.6  |
| 55      | 55.00 | 24.2  |        | 19.1  | 28.7  |
| 61      | 61.00 | 24.9  |        | 19.7  | 29.5  |

Manual Integrations  
APPROVED

apatel  
12/18/2019 11:04:32 AM



#75

1,1,2,2-Tetrachloroethane

Concen: 51.449 ug/l

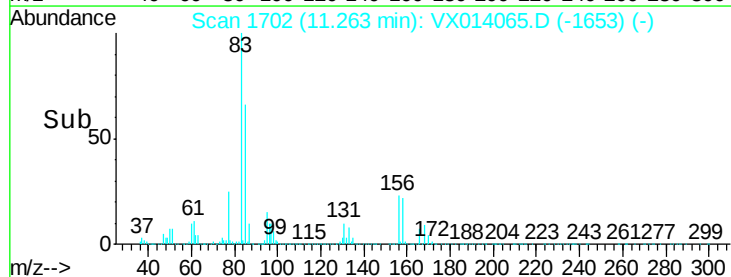
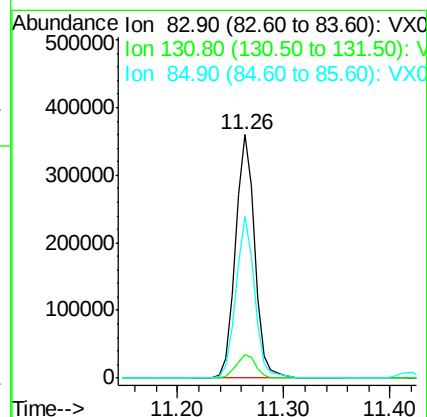
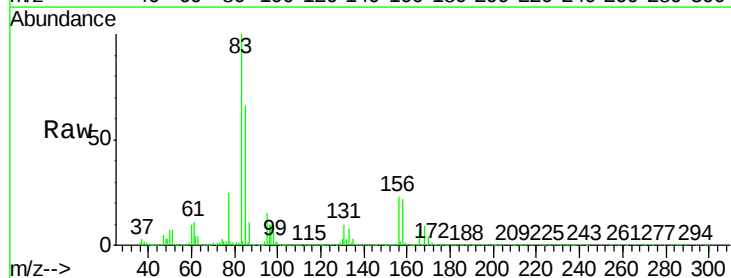
RT: 11.26 min Scan# 1702

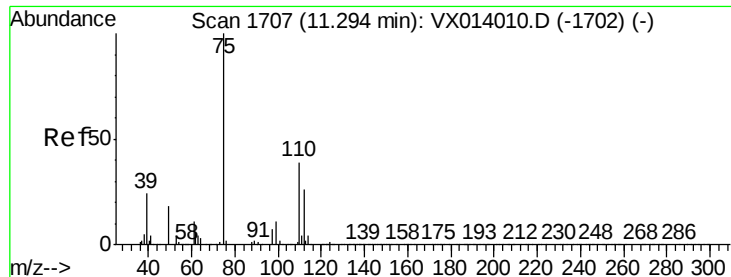
Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

| Tgt Ion | Ion    | Ratio | Resp   | Lower | Upper |
|---------|--------|-------|--------|-------|-------|
| 83      | 83.00  | 100   | 459274 |       |       |
| 131     | 131.00 | 9.9   |        | 5.1   | 15.2  |
| 85      | 85.00  | 64.2  |        | 31.9  | 95.7  |





#76

1,2,3-Trichloropropane

Concen: 52.064 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

Instrument :

MSVOA\_X

ClientSampleId :

MW202D-20191207MS

Tot Ion: 75 Resp: 413360

Ion Ratio Lower Upper

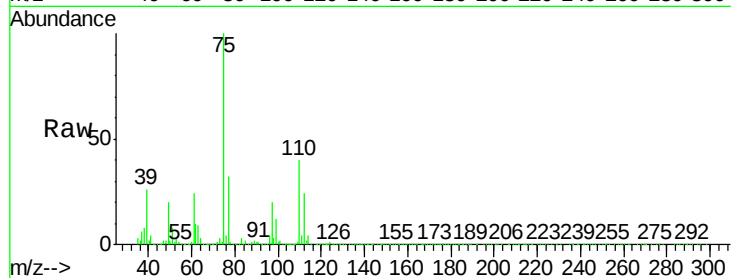
75 100

77 36.8 19.3 57.8

Manual Integrations  
APPROVED

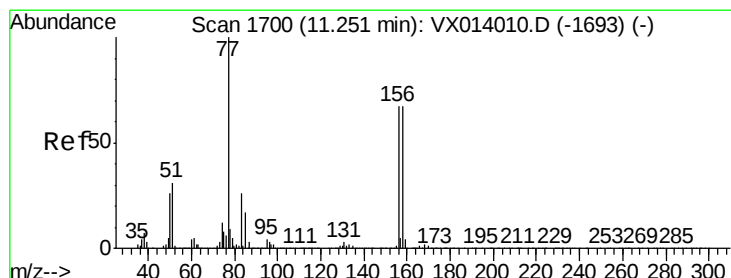
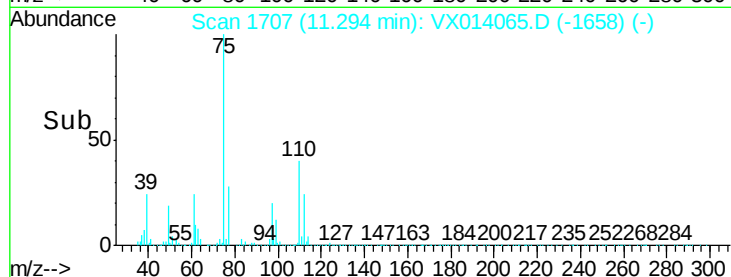
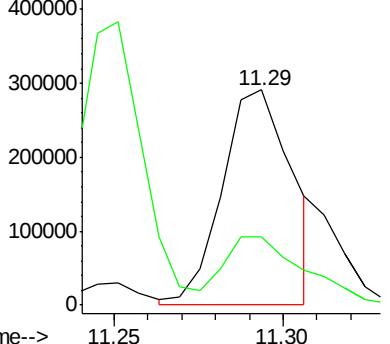
apatel

12/18/2019 11:04:32 AM



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 46.640 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

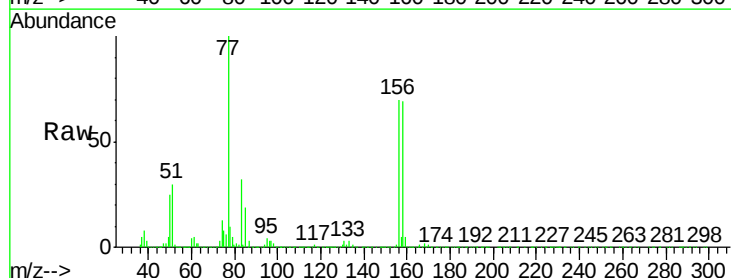
Tgt Ion: 156 Resp: 330413

Ion Ratio Lower Upper

156 100

77 153.3 76.5 229.5

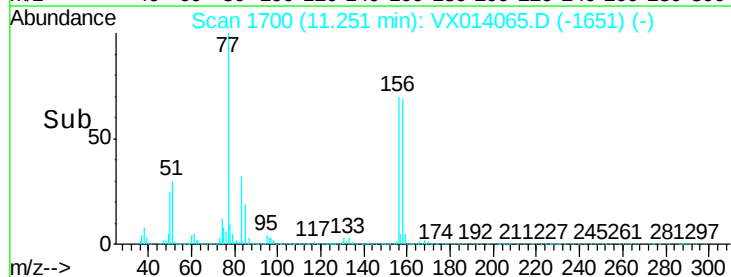
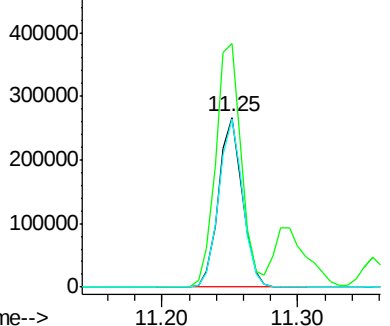
158 98.6 49.3 147.9

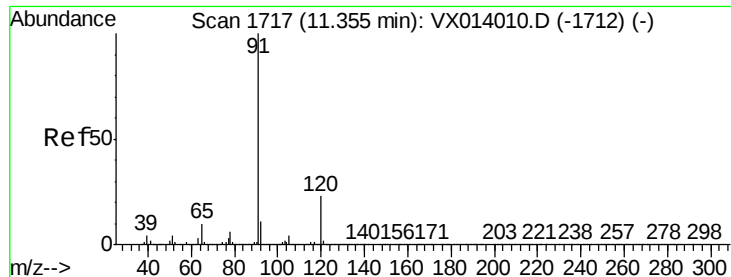


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 48.550 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

Instrument :

MSVOA\_X

ClientSampleId :

MW202D-20191207MS

Tot Ion: 91 Resp: 1402204

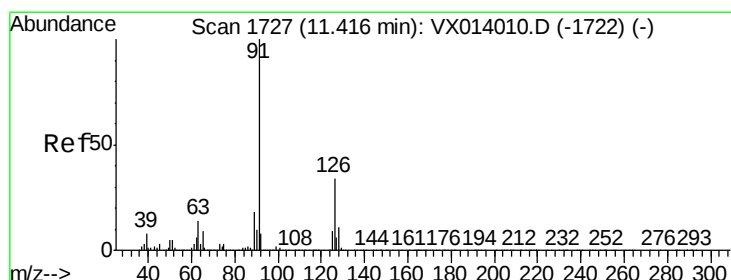
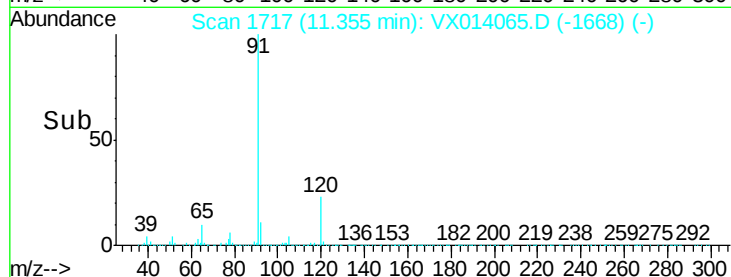
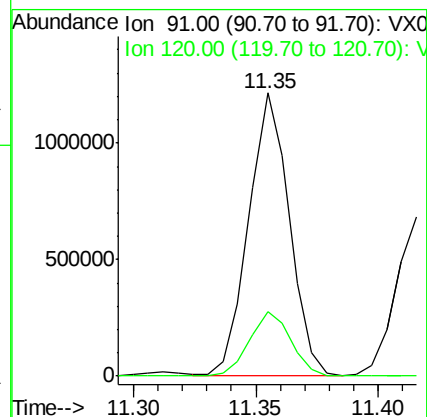
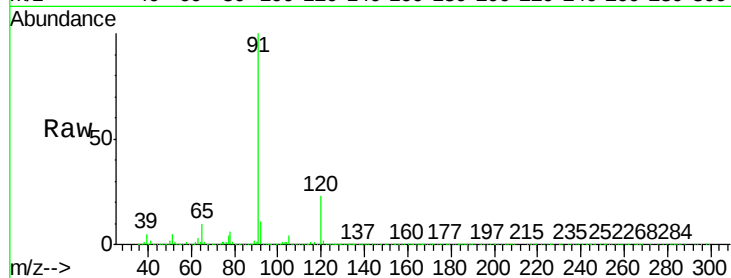
Ion Ratio Lower Upper

91 100

120 23.4 11.7 35.0

Manual Integrations  
APPROVED

apatel  
12/18/2019 11:04:32 AM



#79

2-Chlorotoluene

Concen: 47.959 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014065.D

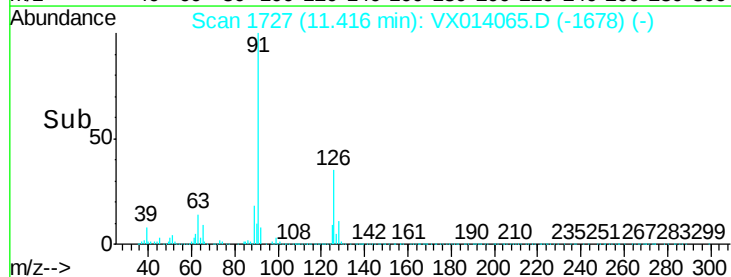
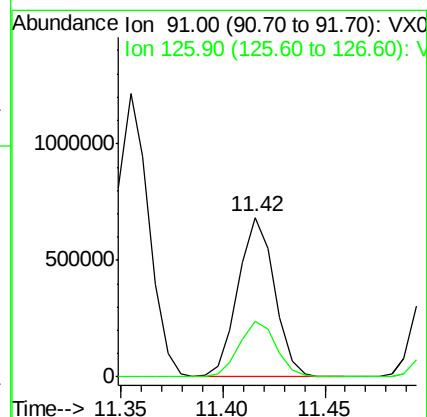
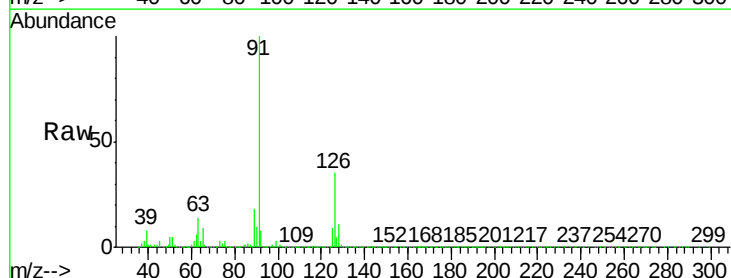
Acq: 17 Dec 2019 20:29

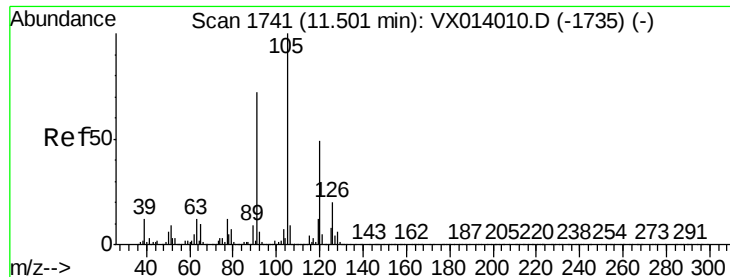
Tgt Ion: 91 Resp: 841979

Ion Ratio Lower Upper

91 100

126 35.3 17.2 51.6





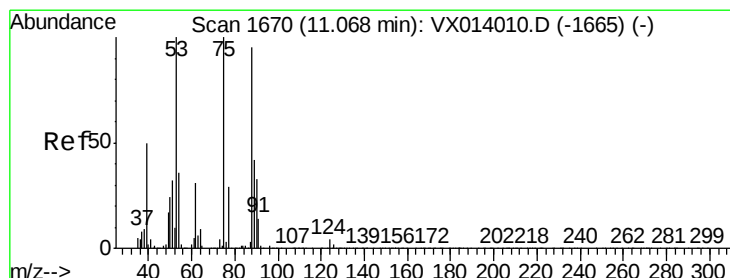
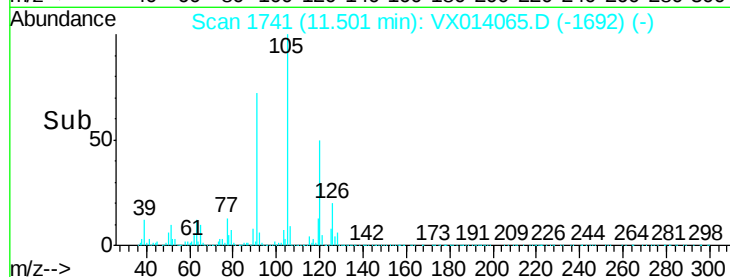
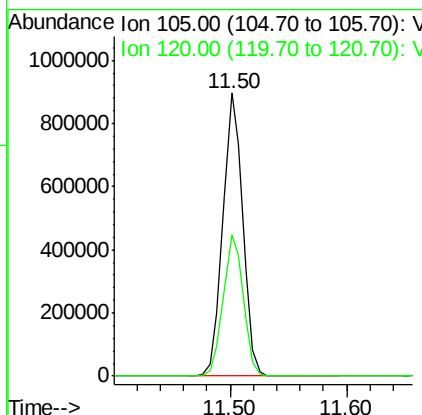
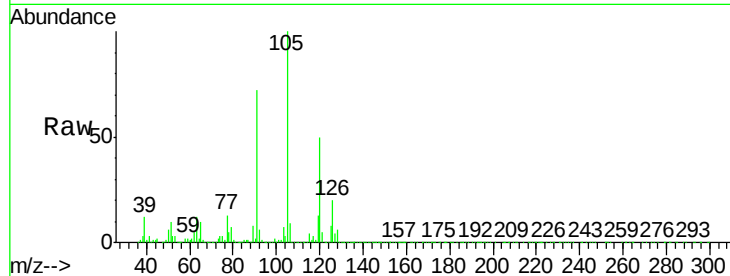
#80  
 1,3,5-Trimethylbenzene  
 Concen: 48.592 ug/l  
 RT: 11.50 min Scan# 1741  
 Delta R.T. 0.00 min  
 Lab File: VX014065.D  
 Acq: 17 Dec 2019 20:29

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW202D-20191207MS

Tot Ion:105 Resp: 1052985  
 Ion Ratio Lower Upper  
 105 100  
 120 50.4 25.3 75.8

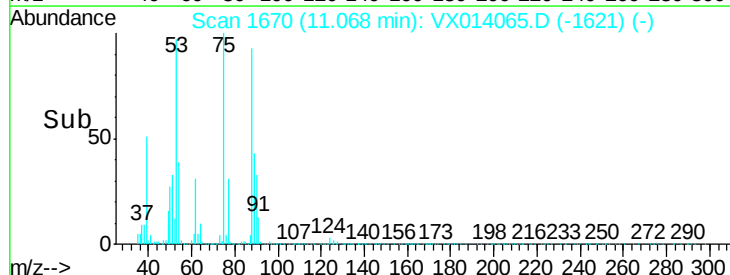
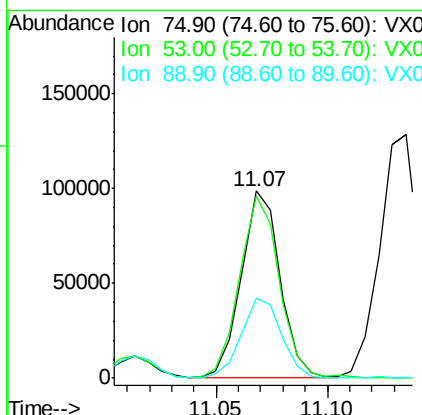
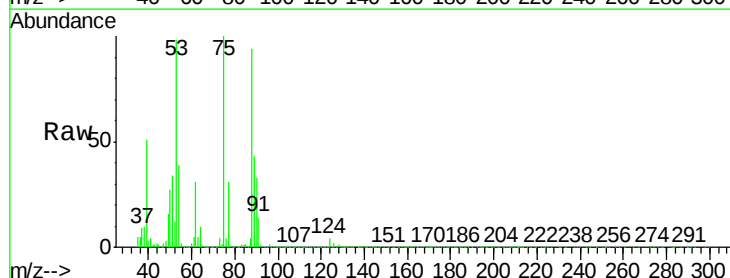
Manual Integrations  
 APPROVED

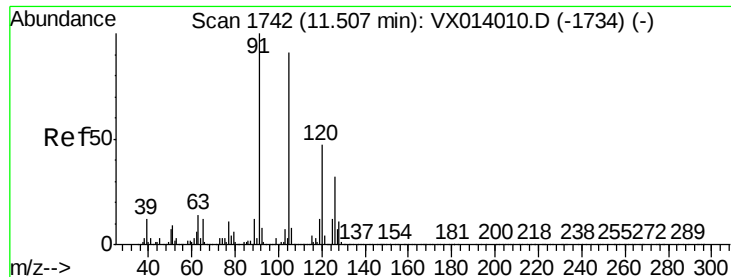
apatel  
 12/18/2019 11:04:32 AM



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 42.361 ug/l  
 RT: 11.07 min Scan# 1670  
 Delta R.T. 0.00 min  
 Lab File: VX014065.D  
 Acq: 17 Dec 2019 20:29

Tgt Ion: 75 Resp: 119157  
 Ion Ratio Lower Upper  
 75 100  
 53 100.0 76.7 115.1  
 89 44.1 34.6 51.8





#82

4-Chlorotoluene

Concen: 47.444 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

Instrument :

MSVOA\_X

ClientSampleId :

MW202D-20191207MS

Tot Ion: 91 Resp: 966185

Ion Ratio Lower Upper

91 100

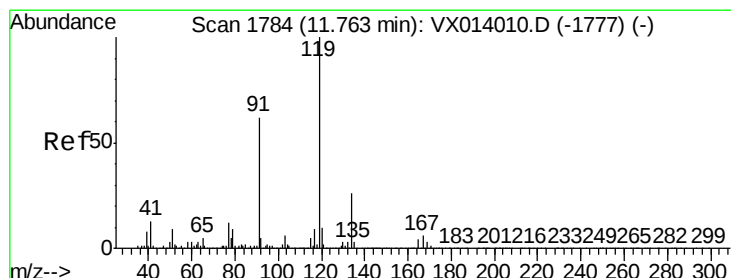
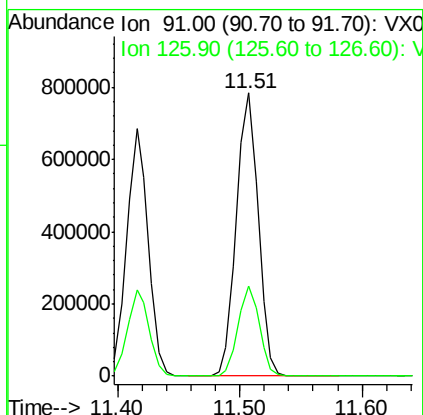
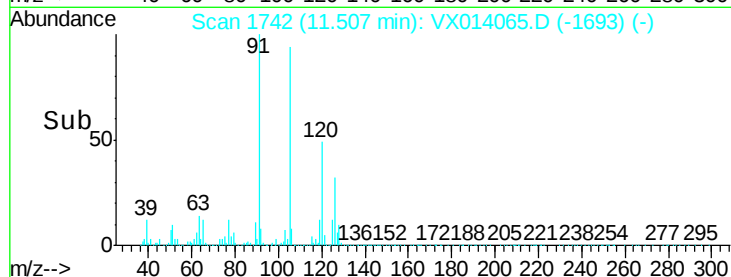
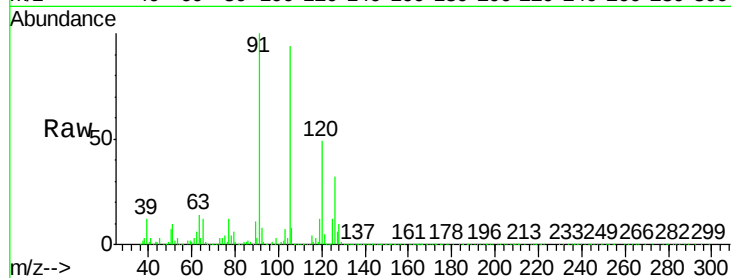
126 30.9 15.6 46.8

Manual Integrations

APPROVED

apatel

12/18/2019 11:04:32 AM



#83

tert-Butylbenzene

Concen: 50.013 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

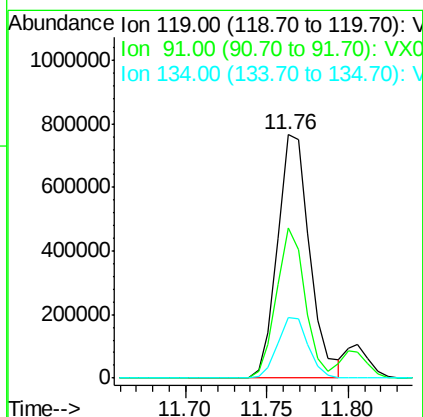
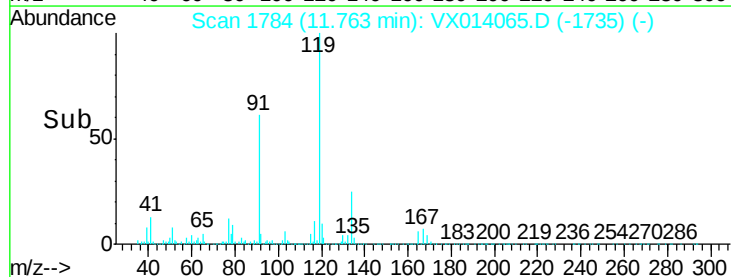
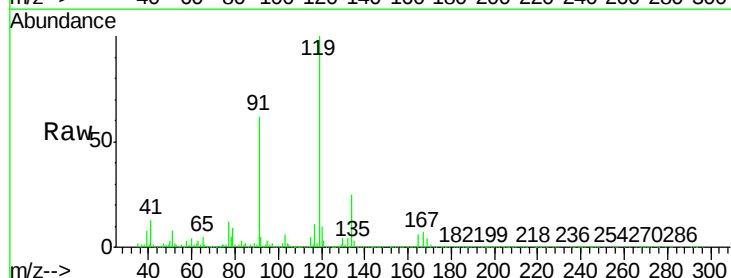
Tgt Ion: 119 Resp: 1054695

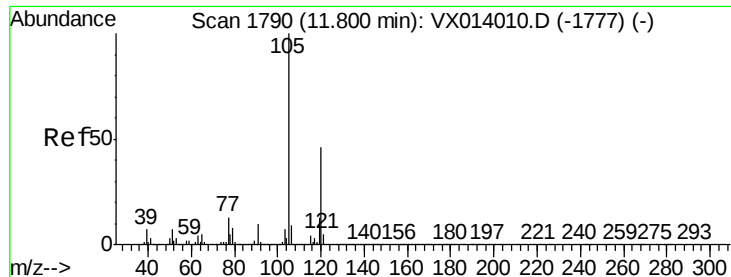
Ion Ratio Lower Upper

119 100

91 54.8 28.5 85.6

134 23.8 12.2 36.6





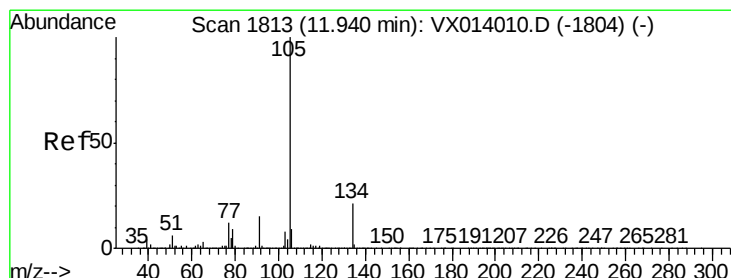
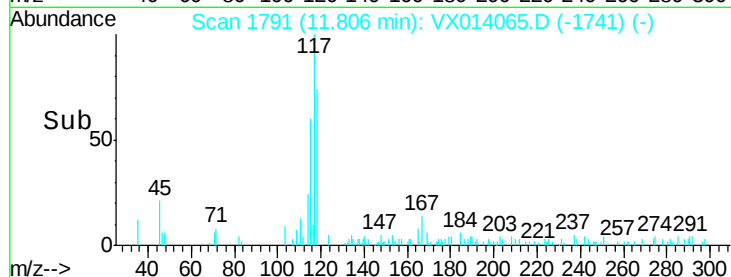
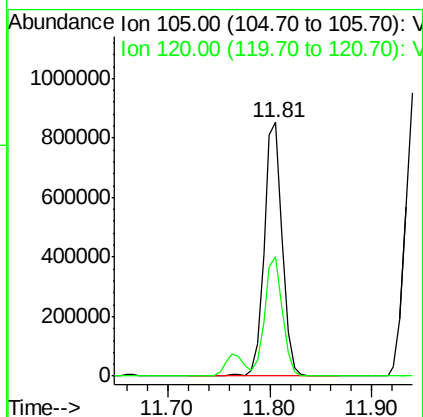
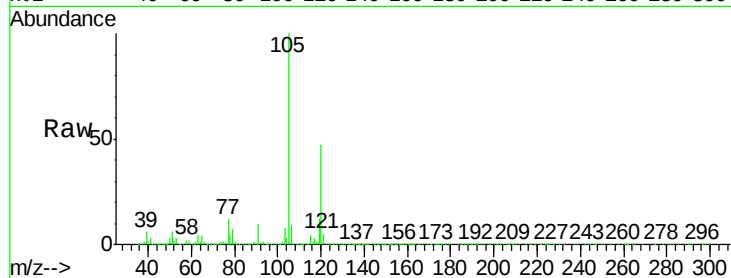
#84  
1,2,4-Trimethylbenzene  
Concen: 48.475 ug/l  
RT: 11.81 min Scan# 1791  
Delta R.T. 0.01 min  
Lab File: VX014065.D  
Acq: 17 Dec 2019 20:29

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW202D-20191207MS

Tot Ion:105 Resp: 1051977  
Ion Ratio Lower Upper  
105 100  
120 46.1 23.1 69.2

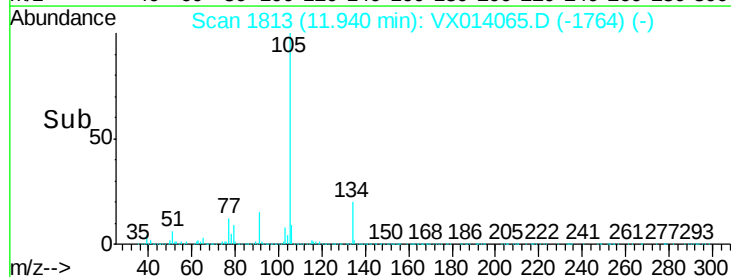
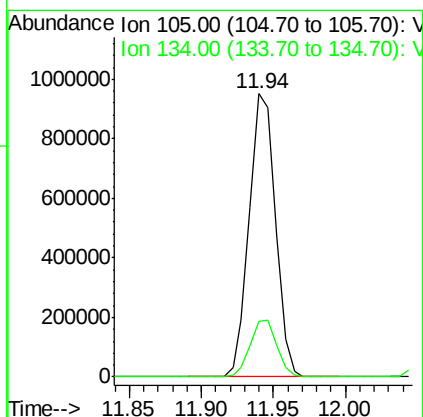
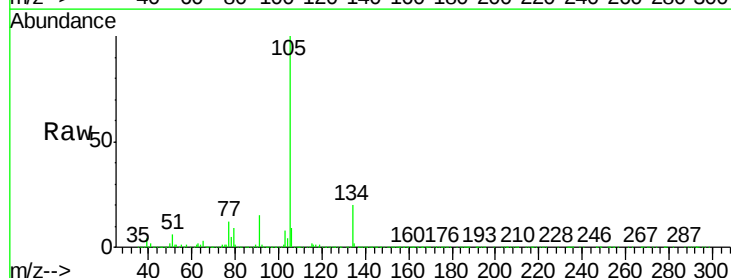
Manual Integrations  
APPROVED

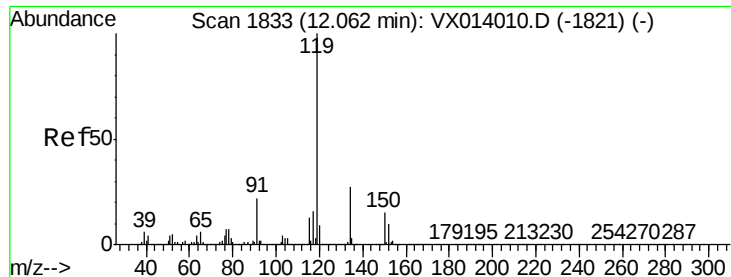
apatel  
12/18/2019 11:04:32 AM



#85  
sec-Butylbenzene  
Concen: 48.099 ug/l  
RT: 11.94 min Scan# 1813  
Delta R.T. 0.00 min  
Lab File: VX014065.D  
Acq: 17 Dec 2019 20:29

Tgt Ion:105 Resp: 1197460  
Ion Ratio Lower Upper  
105 100  
134 20.4 10.4 31.1





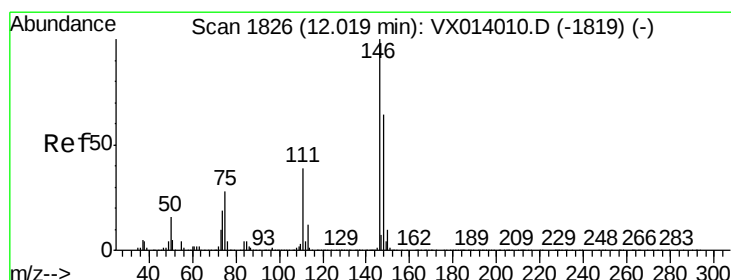
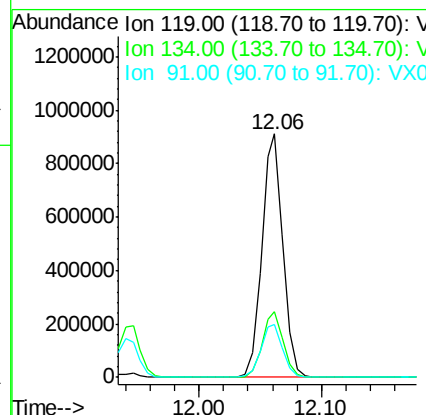
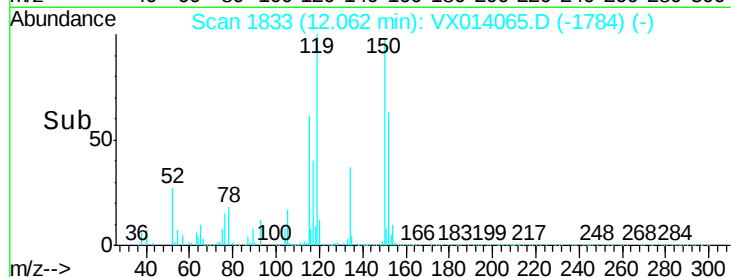
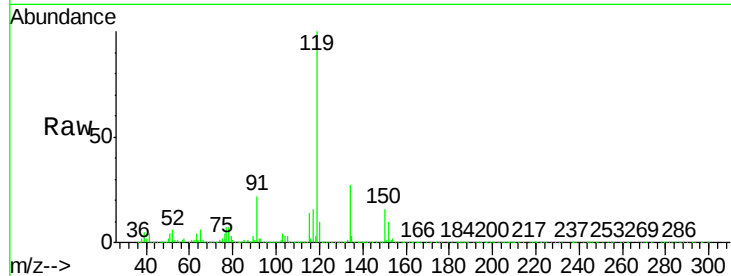
#86  
p-Isopropyltoluene  
Concen: 47.886 ug/l  
RT: 12.06 min Scan# 1833  
Delta R.T. 0.00 min  
Lab File: VX014065.D  
Acq: 17 Dec 2019 20:29

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW202D-20191207MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 26.7  | 13.4  | 40.1  |
| 91      | 22.5  | 11.4  | 34.1  |

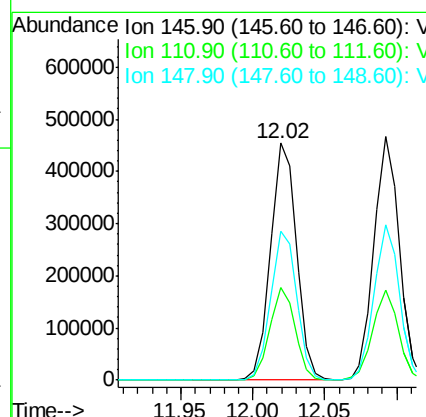
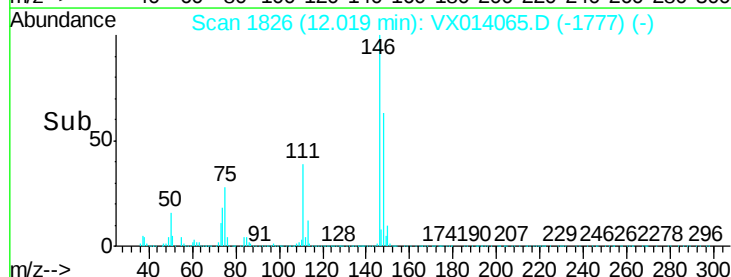
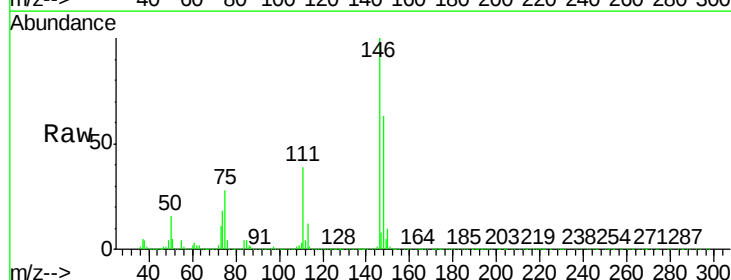
Manual Integrations  
APPROVED

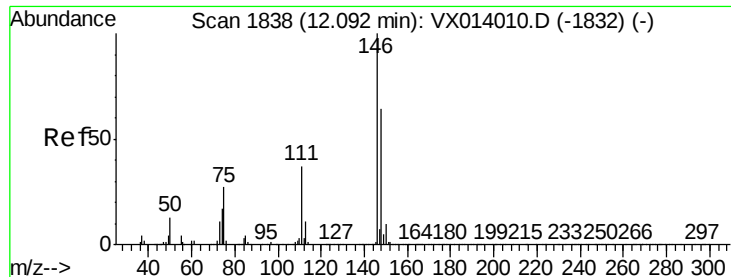
apatel  
12/18/2019 11:04:32 AM



#87  
1,3-Dichlorobenzene  
Concen: 45.495 ug/l  
RT: 12.02 min Scan# 1826  
Delta R.T. 0.00 min  
Lab File: VX014065.D  
Acq: 17 Dec 2019 20:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.2  | 19.1  | 57.1  |
| 148     | 63.3  | 32.3  | 96.9  |





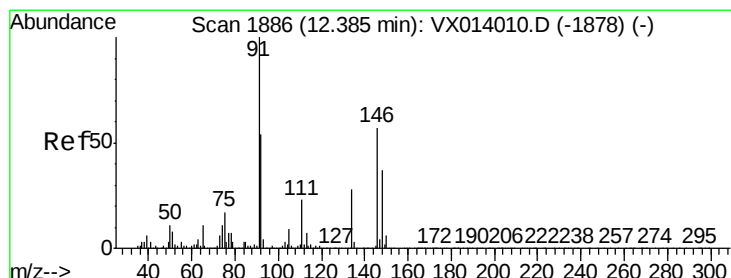
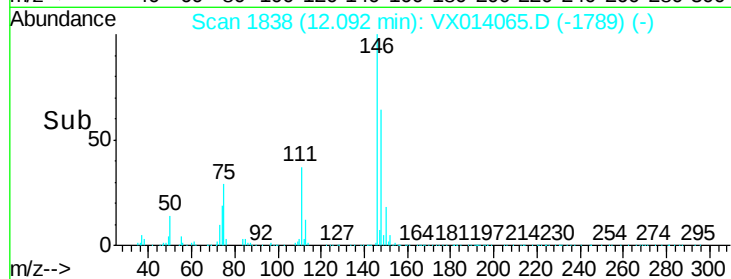
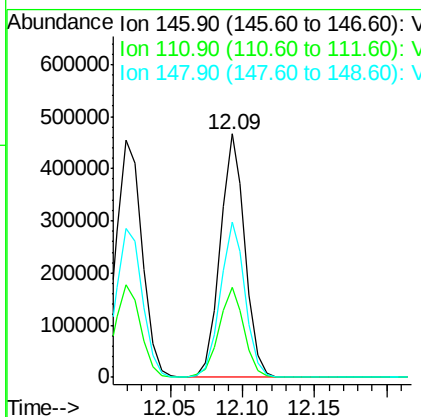
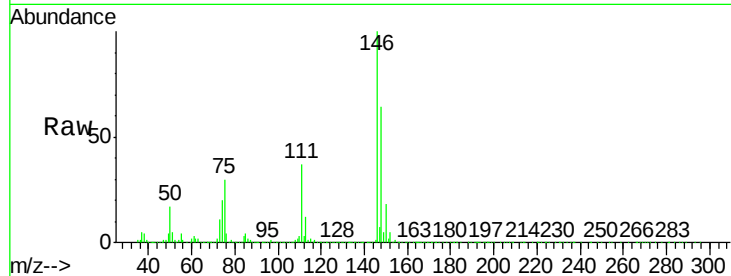
#88  
 1,4-Dichlorobenzene  
 Concen: 44.637 ug/l  
 RT: 12.09 min Scan# 1838  
 Delta R.T. 0.00 min  
 Lab File: VX014065.D  
 Acq: 17 Dec 2019 20:29

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW202D-20191207MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.2  | 18.7  | 56.1  |
| 148     | 63.9  | 31.9  | 95.9  |

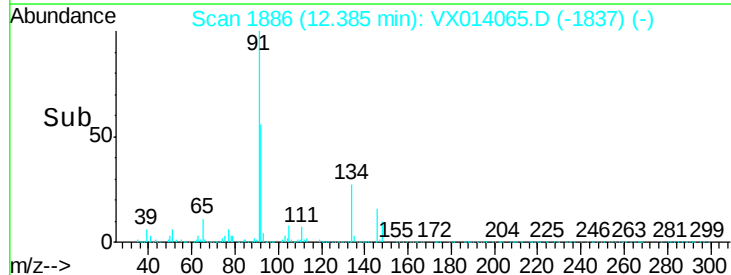
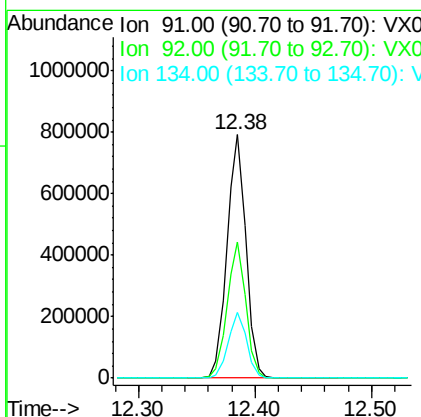
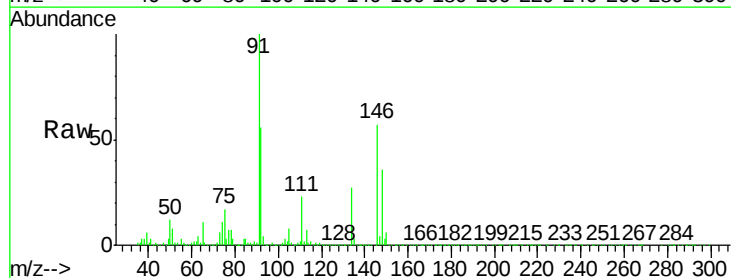
Manual Integrations  
 APPROVED

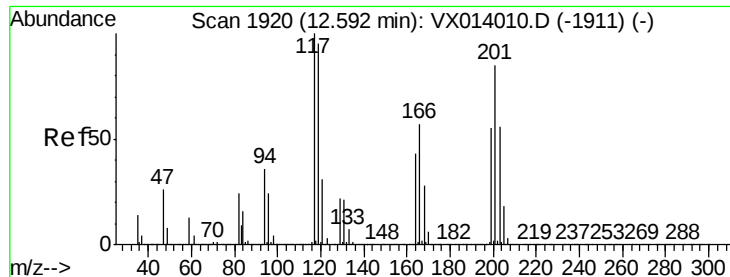
apatel  
 12/18/2019 11:04:32 AM



#89  
 n-Butylbenzene  
 Concen: 45.744 ug/l  
 RT: 12.38 min Scan# 1886  
 Delta R.T. 0.00 min  
 Lab File: VX014065.D  
 Acq: 17 Dec 2019 20:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 54.9  | 27.2  | 81.6  |
| 134     | 26.7  | 13.4  | 40.1  |





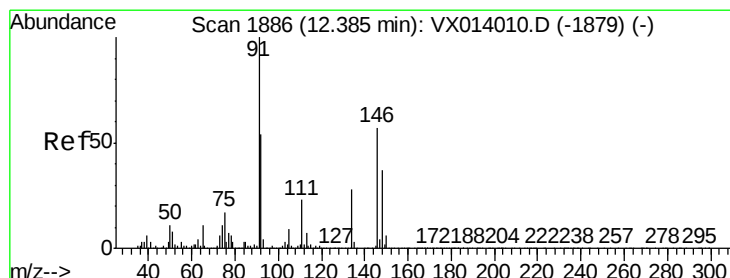
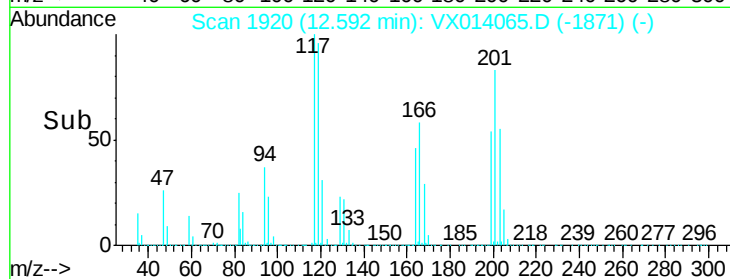
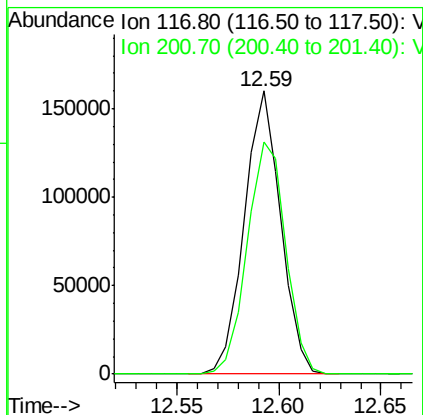
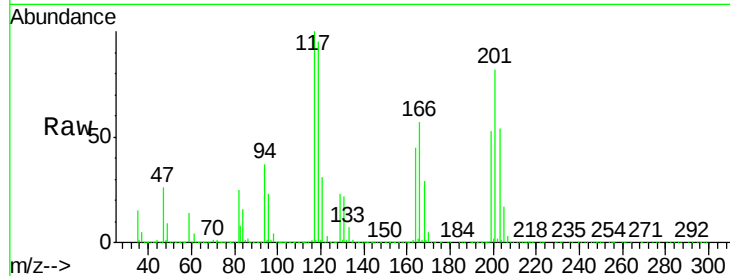
#90  
Hexachloroethane  
Concen: 48.245 ug/l  
RT: 12.59 min Scan# 1920  
Delta R.T. 0.00 min  
Lab File: VX014065.D  
Acq: 17 Dec 2019 20:29

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW202D-20191207MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 197341 |       |       |
| 201     | 87.3  | 43.1   | 129.3 |       |

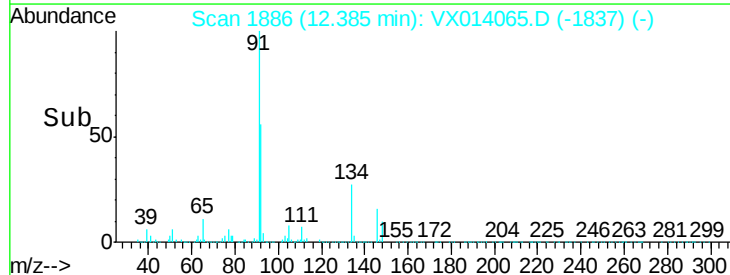
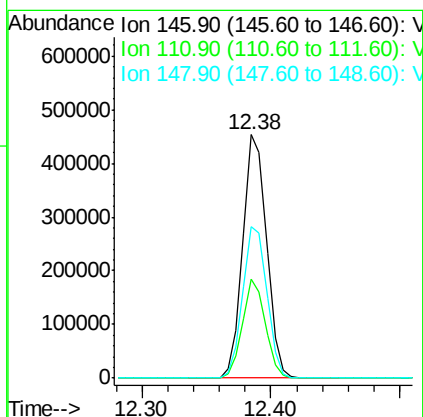
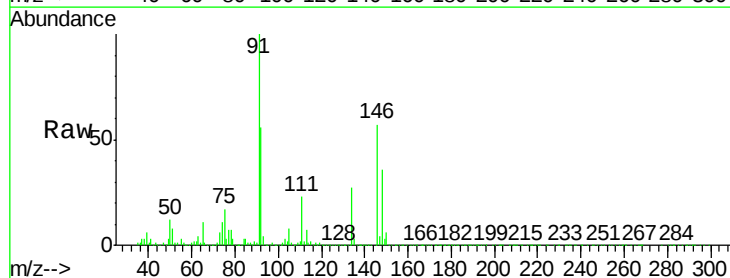
Manual Integrations  
APPROVED

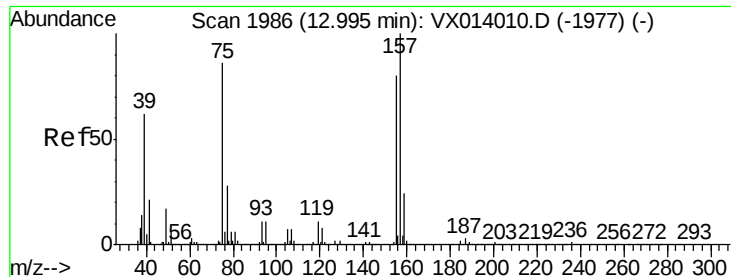
apatel  
12/18/2019 11:04:32 AM



#91  
1,2-Dichlorobenzene  
Concen: 46.286 ug/l  
RT: 12.38 min Scan# 1886  
Delta R.T. 0.00 min  
Lab File: VX014065.D  
Acq: 17 Dec 2019 20:29

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 578519 |       |       |
| 111     | 39.0  | 19.7   | 59.1  |       |
| 148     | 63.1  | 32.1   | 96.5  |       |





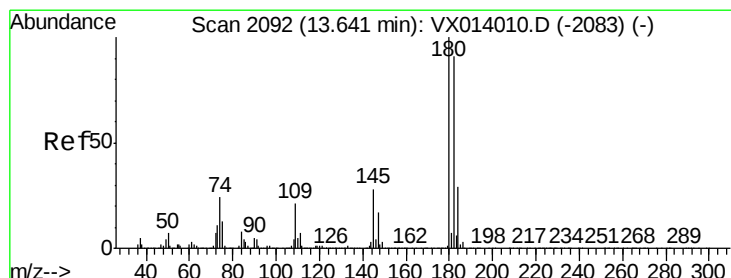
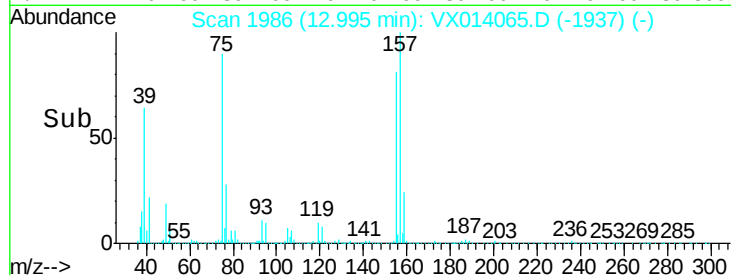
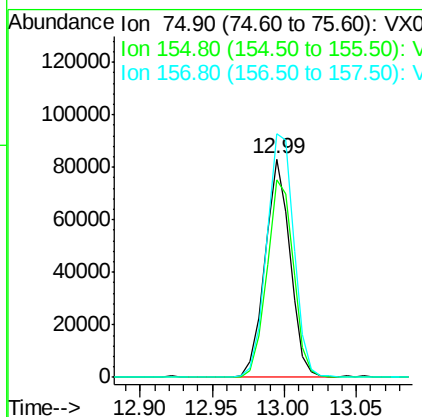
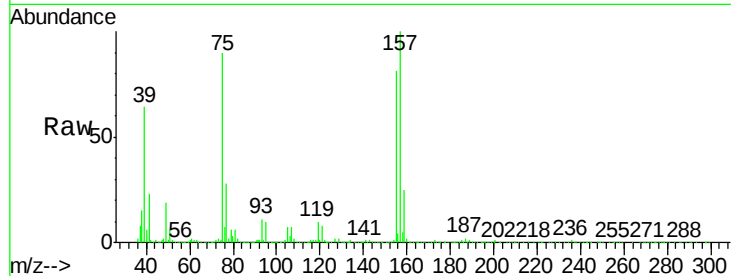
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 50.284 ug/l  
 RT: 12.99 min Scan# 1986  
 Delta R.T. 0.00 min  
 Lab File: VX014065.D  
 Acq: 17 Dec 2019 20:29

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW202D-20191207MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 96.5  | 46.9  | 140.6 |
| 157     | 121.7 | 60.8  | 182.4 |

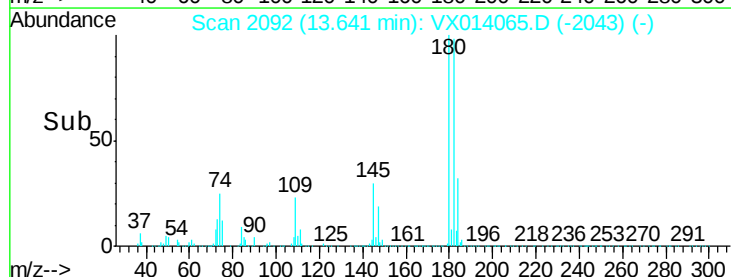
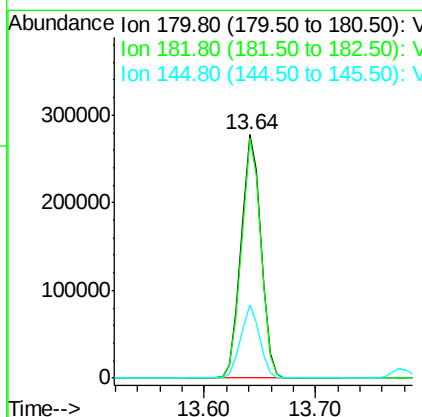
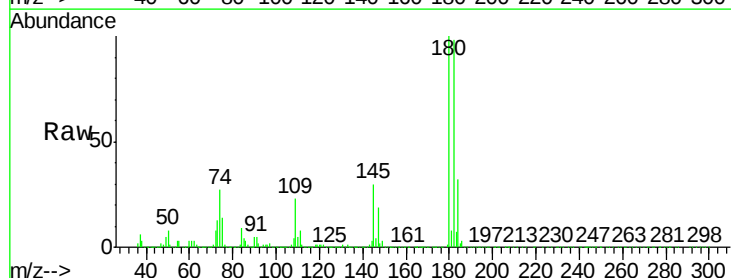
Manual Integrations  
 APPROVED

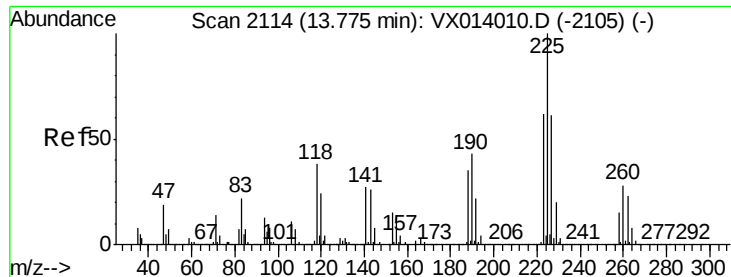
apatel  
 12/18/2019 11:04:32 AM



#93  
 1,2,4-Trichlorobenzene  
 Concen: 42.212 ug/l  
 RT: 13.64 min Scan# 2092  
 Delta R.T. 0.00 min  
 Lab File: VX014065.D  
 Acq: 17 Dec 2019 20:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.5  | 46.6  | 139.8 |
| 145     | 28.9  | 14.2  | 42.6  |





#94

Hexachlorobutadiene

Concen: 41.921 ug/l

RT: 13.77 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

Instrument :

MSVOA\_X

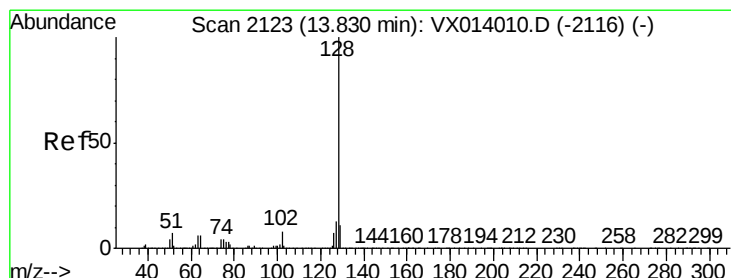
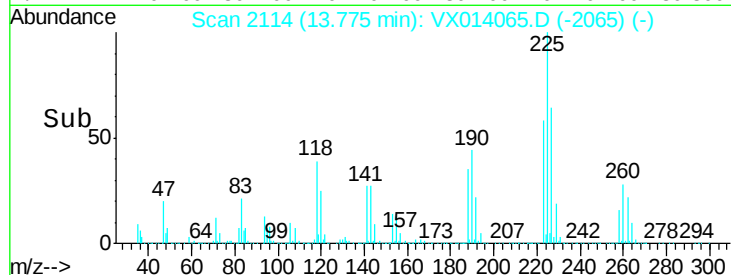
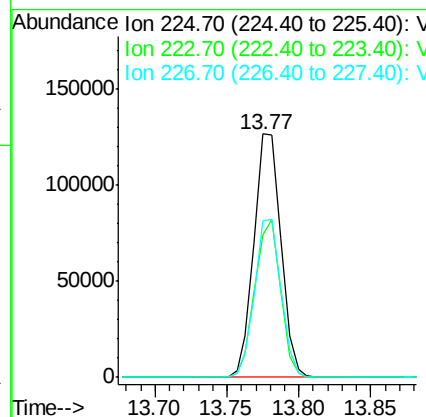
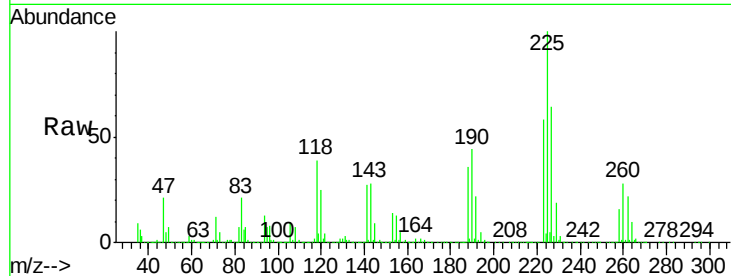
ClientSampleId :

MW202D-20191207MS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 225  | Resp: | 163668 |
| Ion Ratio |      | Lower | Upper  |
| 225       | 100  |       |        |
| 223       | 61.0 | 30.9  | 92.5   |
| 227       | 63.7 | 30.9  | 92.7   |

Manual Integrations  
APPROVED

apatel  
12/18/2019 11:04:32 AM



#95

Naphthalene

Concen: 47.329 ug/l

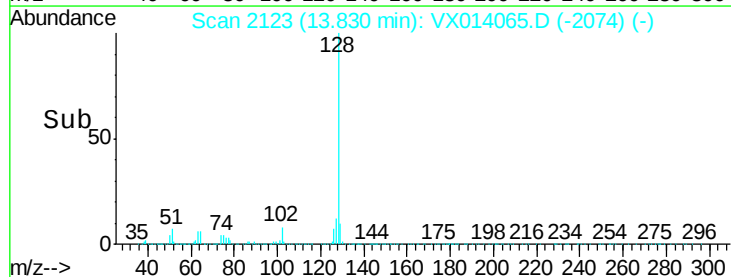
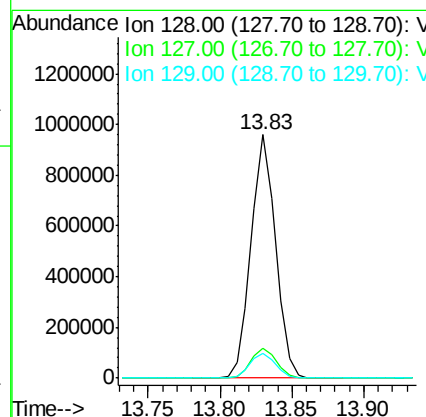
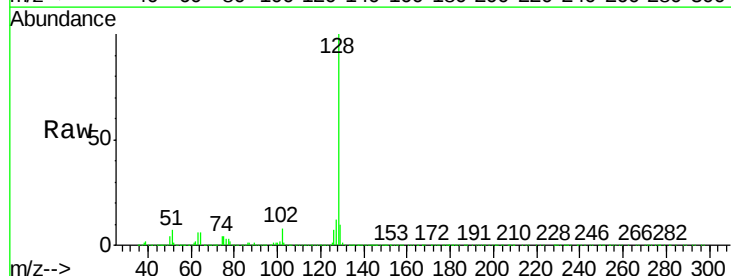
RT: 13.83 min Scan# 2123

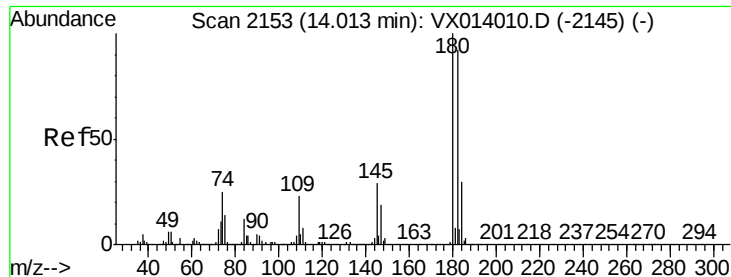
Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

|           |      |       |         |
|-----------|------|-------|---------|
| Tgt Ion:  | 128  | Resp: | 1129642 |
| Ion Ratio |      | Lower | Upper   |
| 128       | 100  |       |         |
| 127       | 12.9 | 10.2  | 15.4    |
| 129       | 10.7 | 8.7   | 13.1    |





#96  
 1,2,3-Trichlorobenzene  
 Concen: 45.015 ug/l  
 RT: 14.01 min Scan# 2153  
 Delta R.T. 0.00 min  
 Lab File: VX014065.D  
 Acq: 17 Dec 2019 20:29

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW202D-20191207MS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 180     | 100   |            |       |
| 182     | 95.8  | 46.8       | 140.3 |
| 145     | 29.7  | 14.8       | 44.4  |

Manual Integrations  
 APPROVED

apatel  
 12/18/2019 11:04:32 AM

