

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021519\  
 Data File : VX007544.D  
 Acq On : 14 Feb 2019 14:35  
 Operator : JC/SP  
 Sample : VX0215WBSD01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0215WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 2/15/2019 10:10:15 AM

Quant Time: Feb 15 03:04:40 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X020119W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Feb 02 01:32:36 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 437405   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 651926   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 608314   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 312702   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.07   | 65  | 234915   | 50.60 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.20% |      |
| 35) Dibromofluoromethane  | 5.50   | 113 | 216285   | 50.99 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.98% |      |
| 50) Toluene-d8            | 8.71   | 98  | 783174   | 49.76 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.52%  |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 281441   | 48.98 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.96%  |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 93352   | 17.484  | ug/l | 99     |
| 3) Chloromethane              | 1.33 | 50  | 86683   | 17.594  | ug/l | 96     |
| 4) Vinyl Chloride             | 1.41 | 62  | 90847   | 18.796  | ug/l | 100    |
| 5) Bromomethane               | 1.64 | 94  | 75752   | 15.512  | ug/l | 99     |
| 6) Chloroethane               | 1.73 | 64  | 57309   | 18.329  | ug/l | 100    |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 139312  | 18.425  | ug/l | 99     |
| 8) Diethyl Ether              | 2.19 | 74  | 51544   | 18.112  | ug/l | 96     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 80448   | 17.887  | ug/l | 97     |
| 10) Methyl Iodide             | 2.51 | 142 | 101013  | 15.268  | ug/l | 99     |
| 11) Tert butyl alcohol        | 3.07 | 59  | 103180  | 107.389 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 2.38 | 96  | 71729   | 17.175  | ug/l | 98     |
| 13) Acrolein                  | 2.30 | 56  | 34861   | 77.374  | ug/l | 98     |
| 14) Allyl chloride            | 2.73 | 41  | 128711  | 18.915  | ug/l | 99     |
| 15) Acrylonitrile             | 3.15 | 53  | 237415  | 99.887  | ug/l | 100    |
| 16) Acetone                   | 2.45 | 43  | 216529  | 101.815 | ug/l | 98     |
| 17) Carbon Disulfide          | 2.57 | 76  | 169848  | 17.014  | ug/l | 99     |
| 18) Methyl Acetate            | 2.78 | 43  | 138316  | 25.259  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 3.20 | 73  | 252697  | 18.677  | ug/l | 95     |
| 20) Methylene Chloride        | 2.86 | 84  | 85201   | 19.373  | ug/l | 97     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 76448   | 17.184  | ug/l | 100    |
| 22) Diisopropyl ether         | 3.87 | 45  | 242575  | 19.380  | ug/l | 99     |
| 23) Vinyl Acetate             | 3.82 | 43  | 1008481 | 97.092  | ug/l | 98     |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 136701  | 19.017  | ug/l | 99     |
| 25) 2-Butanone                | 4.70 | 43  | 314758  | 103.999 | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 4.59 | 77  | 98206   | 17.940  | ug/l | 98     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 89508   | 18.420  | ug/l | 100    |
| 28) Bromochloromethane        | 5.01 | 49  | 66129   | 20.005  | ug/l | 98     |
| 29) Tetrahydrofuran           | 5.15 | 42  | 201757  | 105.993 | ug/l | 99     |
| 30) Chloroform                | 5.21 | 83  | 146229  | 19.495  | ug/l | 98     |
| 31) Cyclohexane               | 5.57 | 56  | 111933  | 17.338  | ug/l | 98     |
| 32) 1,1,1-Trichloroethane     | 5.50 | 97  | 121251  | 19.151  | ug/l | 98     |
| 36) 1,1-Dichloropropene       | 5.81 | 75  | 100619  | 17.202  | ug/l | 99     |
| 37) Ethyl Acetate             | 4.85 | 43  | 115590  | 19.549  | ug/l | 98     |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 103132  | 18.174  | ug/l | 98     |

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 Operator : JC/SP  
 Sample : VX0215WBSD01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0215WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 2/15/2019 10:10:15 AM

Quant Time: Feb 15 03:04:40 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X020119W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Feb 02 01:32:36 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 120523   | 17.030  | ug/l   | 98       |
| 40) Benzene                    | 6.14  | 78   | 319259   | 18.529  | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.06  | 41   | 62421    | 19.697  | ug/l   | 95       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 111225   | 18.657  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 6.46  | 43   | 178575   | 19.566  | ug/l   | 99       |
| 44) Trichloroethene            | 7.21  | 130  | 93337    | 17.986  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 82459    | 19.100  | ug/l   | 96       |
| 46) Dibromomethane             | 7.66  | 93   | 57293    | 18.260  | ug/l   | 97       |
| 47) Bromodichloromethane       | 7.90  | 83   | 100051   | 18.815  | ug/l   | 98       |
| 48) Methyl methacrylate        | 7.77  | 41   | 92567    | 20.277  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 7.75  | 88   | 45754    | 444.552 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 613593   | 102.126 | ug/l   | 99       |
| 52) Toluene                    | 8.79  | 92   | 203721   | 18.325  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 104782   | 18.344  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 8.44  | 75   | 116880   | 18.607  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 88722    | 19.146  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 124327   | 19.371  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 137210   | 18.619  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 351681   | 103.959 | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.49  | 43   | 481108   | 102.903 | ug/l   | 100      |
| 60) Dibromochloromethane       | 9.58  | 129  | 84434    | 19.265  | ug/l   | 97       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 92877    | 18.926  | ug/l   | 100      |
| 64) Tetrachloroethene          | 9.34  | 164  | 88996    | 15.522  | ug/l   | 99       |
| 65) Chlorobenzene              | 10.14 | 112  | 234792   | 17.687  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 83132    | 18.679  | ug/l   | 98       |
| 67) Ethyl Benzene              | 10.25 | 91   | 380582   | 17.803  | ug/l   | 98       |
| 68) m/p-Xylenes                | 10.36 | 106  | 301963   | 35.535  | ug/l   | 99       |
| 69) o-Xylene                   | 10.70 | 106  | 148911   | 18.211  | ug/l   | 100      |
| 70) Styrene                    | 10.71 | 104  | 240769   | 18.156  | ug/l   | 99       |
| 71) Bromoform                  | 10.86 | 173  | 62958    | 18.858  | ug/l # | 98       |
| 73) Isopropylbenzene           | 11.02 | 105  | 395069   | 18.592  | ug/l   | 99       |
| 74) N-amyl acetate             | 10.90 | 43   | 159828   | 19.446  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 133931   | 20.681  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 122931m  | 20.211  | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 109057   | 18.215  | ug/l   | 99       |
| 78) n-propylbenzene            | 11.36 | 91   | 434418   | 18.643  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 262058   | 18.534  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 321639   | 18.501  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 33052    | 19.604  | ug/l   | 95       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 296567   | 18.127  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 320912   | 18.645  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 331608   | 18.788  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.94 | 105  | 390430   | 18.742  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 343189   | 18.250  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 190583   | 17.737  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 188263   | 17.270  | ug/l   | 98       |
| 89) n-Butylbenzene             | 12.39 | 91   | 285952   | 17.677  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.60 | 117  | 53571    | 19.034  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 196442   | 18.370  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 27621    | 20.512  | ug/l   | 96       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX021519\  
Data File : VX007544.D  
Acq On : 14 Feb 2019 14:35  
Operator : JC/SP  
Sample : VX0215WBSD01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0215WBSD01

Manual Integrations  
APPROVED

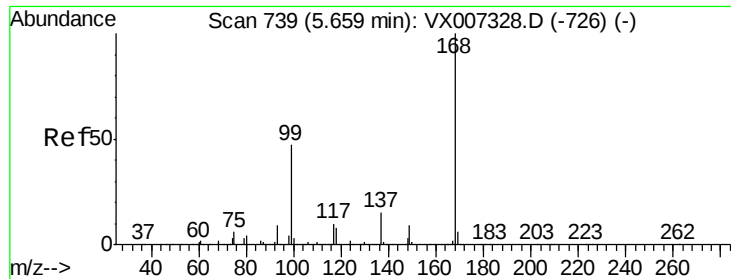
MMDadoda  
2/15/2019 10:10:15 AM

Quant Time: Feb 15 03:04:40 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X020119W.M  
Quant Title : SW846 8260  
QLast Update : Sat Feb 02 01:32:36 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 124952   | 17.327 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 61735    | 17.630 | ug/l  | 98       |
| 95) Naphthalene            | 13.83 | 128  | 398862   | 18.913 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 126546   | 17.433 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA\_X

ClientSampled :

VX0215WBSD01

Tot Ion:168 Resp: 437405

Ion Ratio Lower Upper

168 100

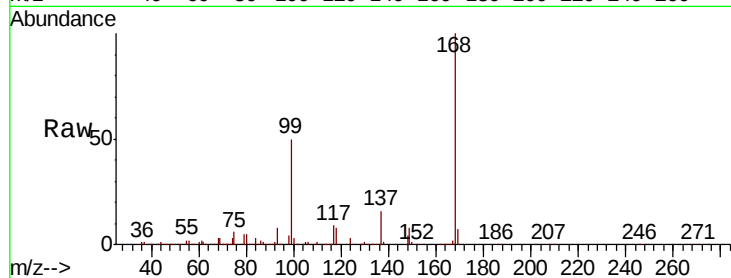
99 49.5 37.9 56.9

Manual Integrations

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2/15/2019 10:10:15 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

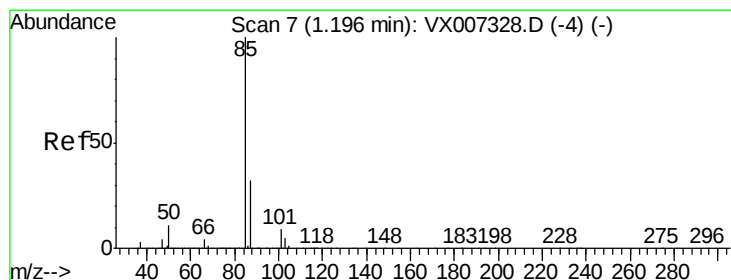
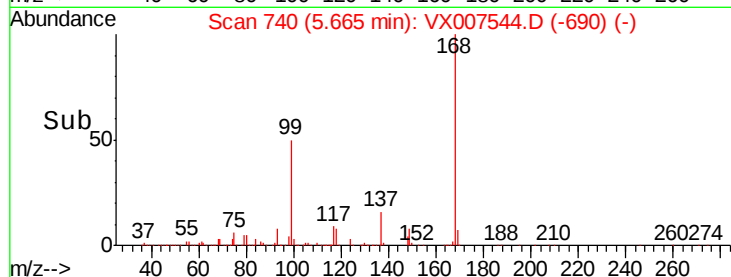
100000

50000

0

5.50 5.60 5.70 5.80

5.67



#2

Dichlorodifluoromethane

Concen: 17.484 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007544.D

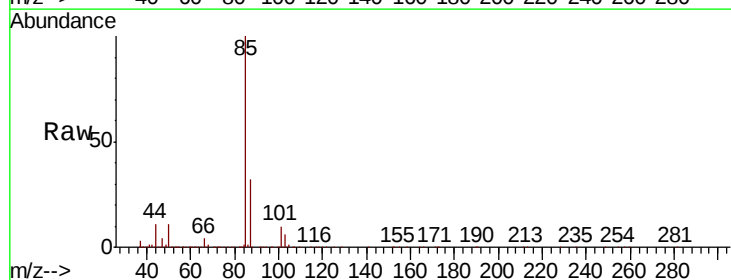
Acq: 14 Feb 2019 14:35

Tgt Ion: 85 Resp: 93352

Ion Ratio Lower Upper

85 100

87 31.9 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

80000

60000

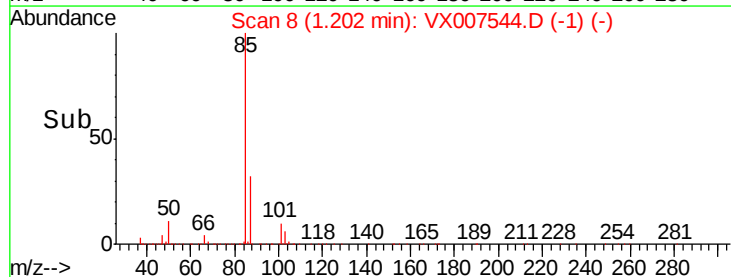
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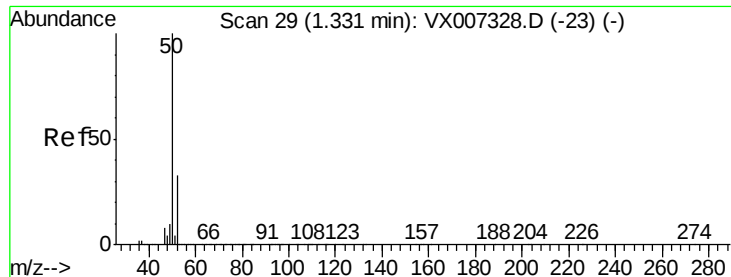
0

1.15 1.20 1.25 1.30

1.20



Time-->



#3

Chloromethane

Concen: 17.594 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA\_X

ClientSampleId :

VX0215WBSD01

Tot Ion: 50 Resp: 86683

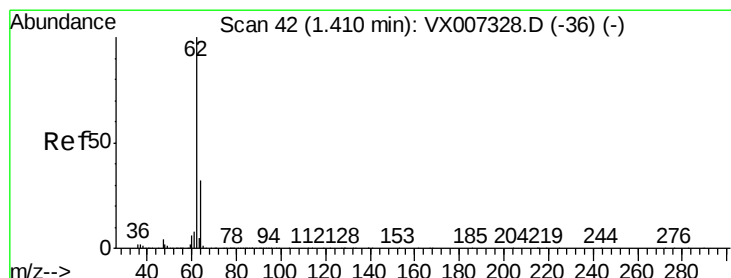
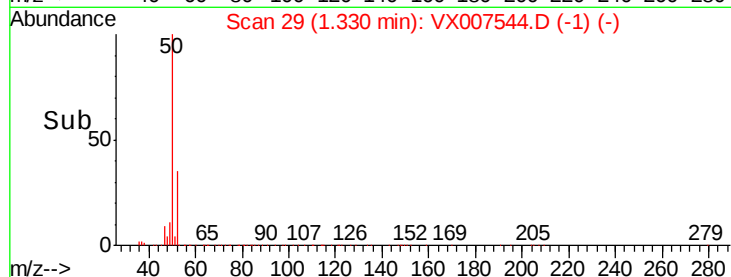
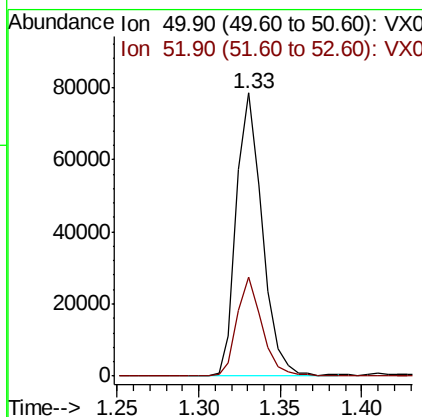
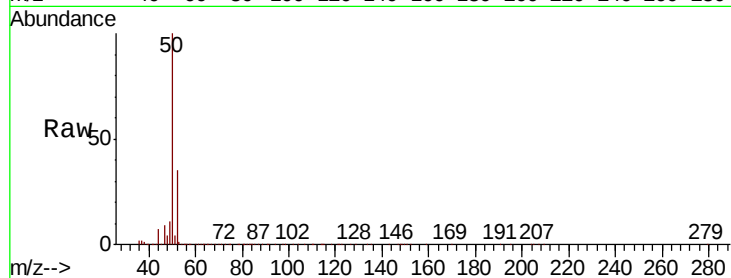
Ion Ratio Lower Upper

50 100

52 34.8 26.1 39.1

Manual Integrations  
APPROVED

MMDadoda  
2/15/2019 10:10:15 AM



#4

Vinyl Chloride

Concen: 18.796 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007544.D

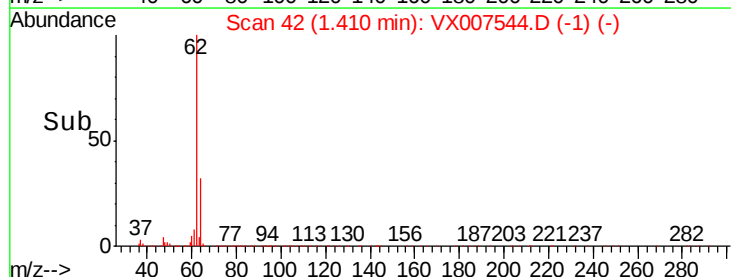
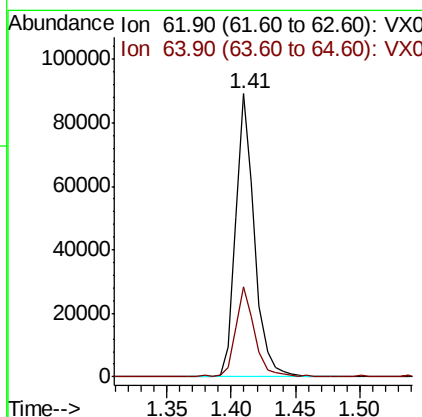
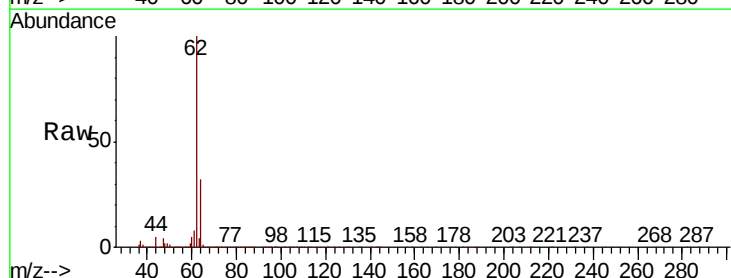
Acq: 14 Feb 2019 14:35

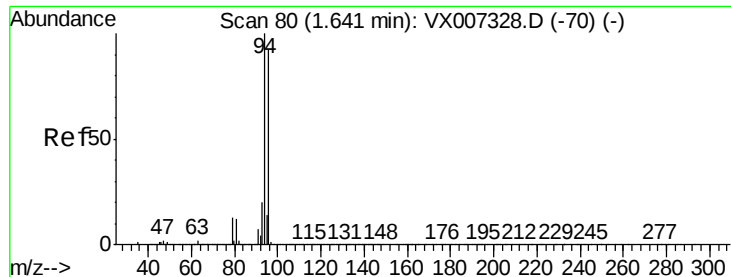
Tgt Ion: 62 Resp: 90847

Ion Ratio Lower Upper

62 100

64 31.5 25.4 38.0





#5

Bromomethane

Concen: 15.512 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA\_X

ClientSampleId :

VX0215WBSD01

Tot Ion: 94 Resp: 75752

Ion Ratio Lower Upper

94 100

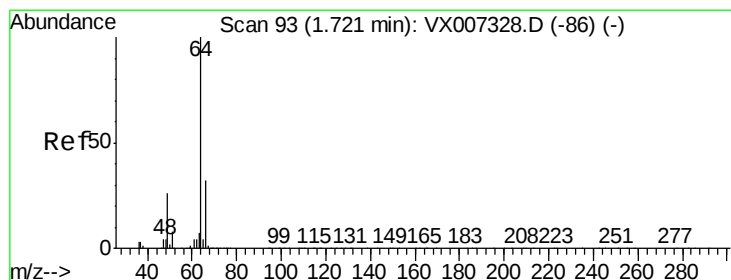
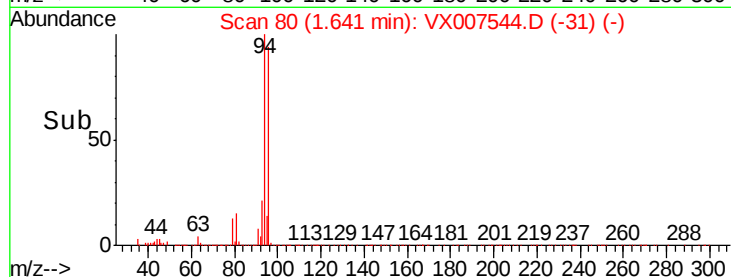
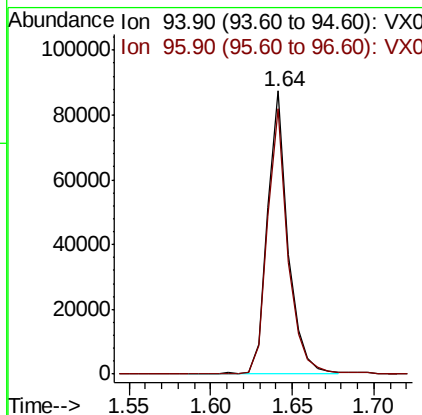
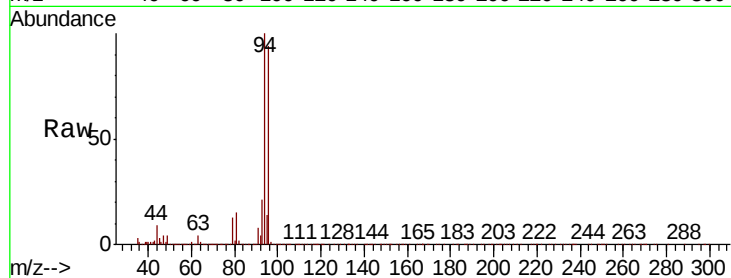
96 93.5 73.9 110.9

Manual Integrations

APPROVED

MMDadoda

2/15/2019 10:10:15 AM



#6

Chloroethane

Concen: 18.329 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007544.D

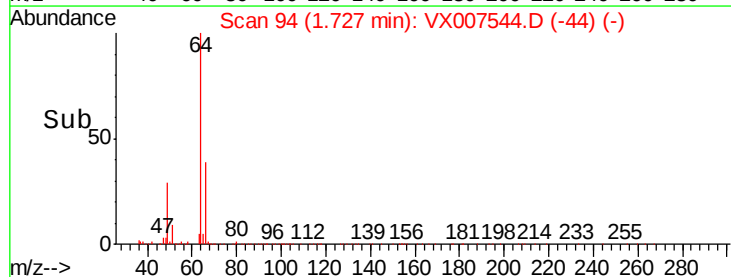
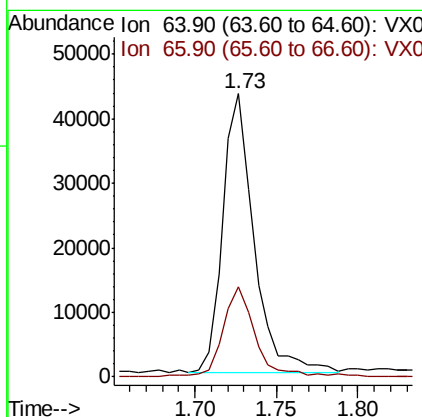
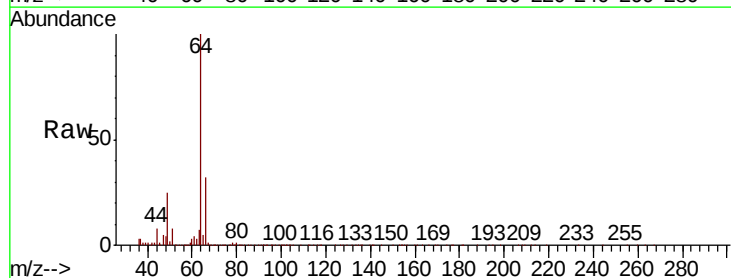
Acq: 14 Feb 2019 14:35

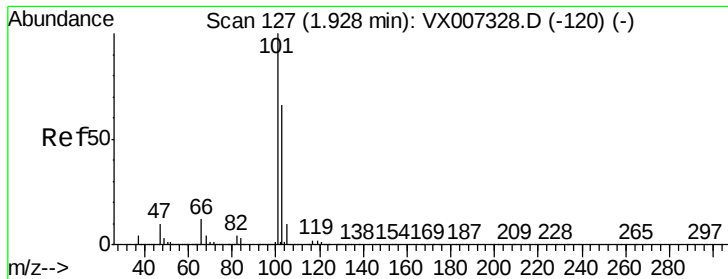
Tgt Ion: 64 Resp: 57309

Ion Ratio Lower Upper

64 100

66 31.7 25.5 38.3





#7

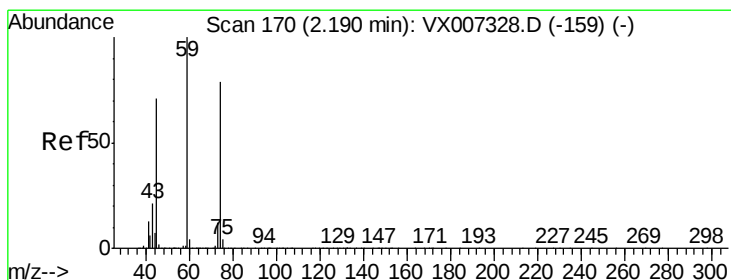
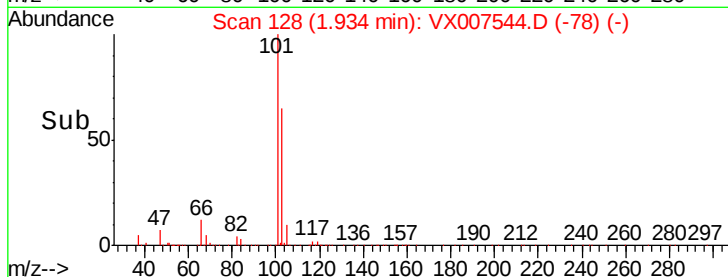
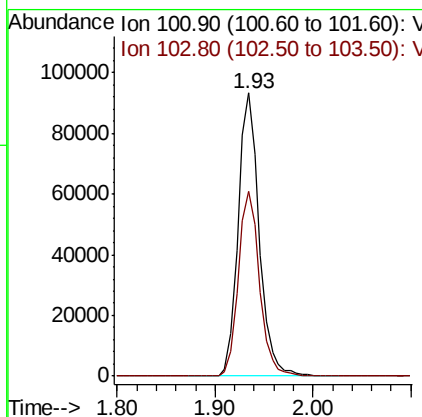
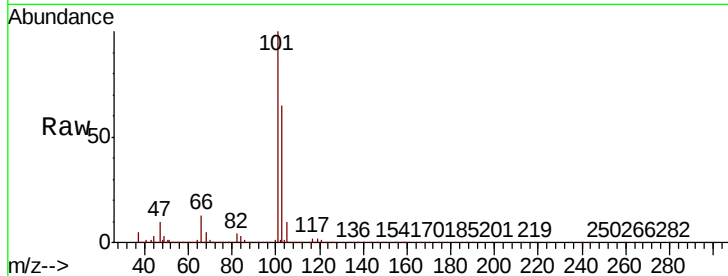
Trichlorofluoromethane  
 Concen: 18.425 ug/l  
 RT: 1.93 min Scan# 128  
 Delta R.T. 0.01 min  
 Lab File: VX007544.D  
 Acq: 14 Feb 2019 14:35

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0215WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 65.2  | 52.6  | 79.0  |

Manual Integrations  
 APPROVED

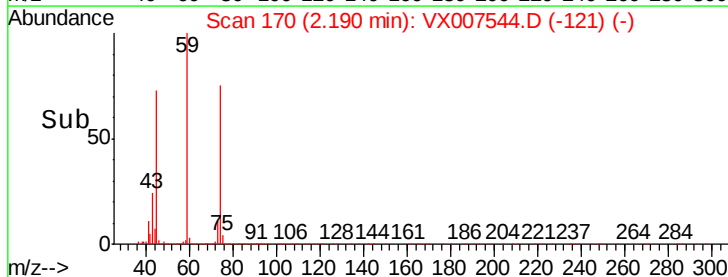
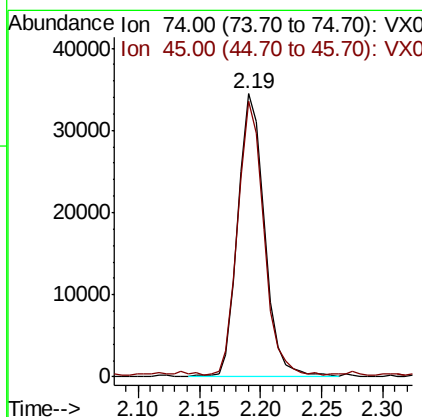
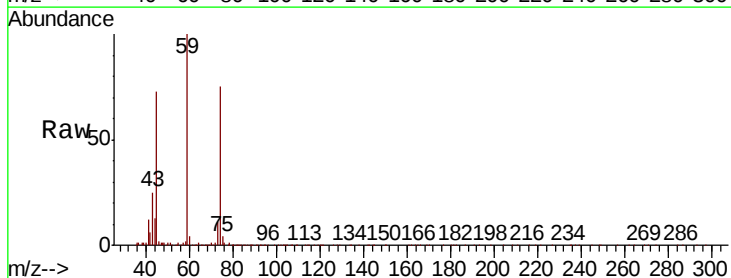
MMDadoda  
 2/15/2019 10:10:15 AM

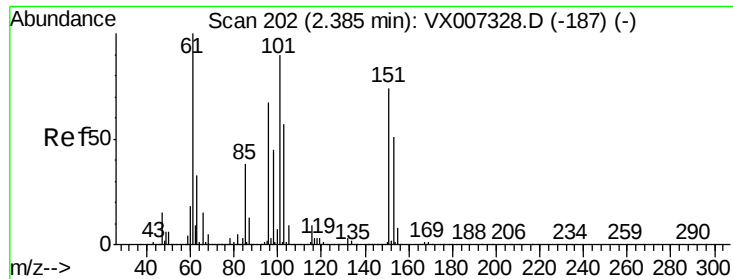


#8

Diethyl Ether  
 Concen: 18.112 ug/l  
 RT: 2.19 min Scan# 170  
 Delta R.T. -0.00 min  
 Lab File: VX007544.D  
 Acq: 14 Feb 2019 14:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 94.9  | 45.7  | 137.1 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.887 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA\_X

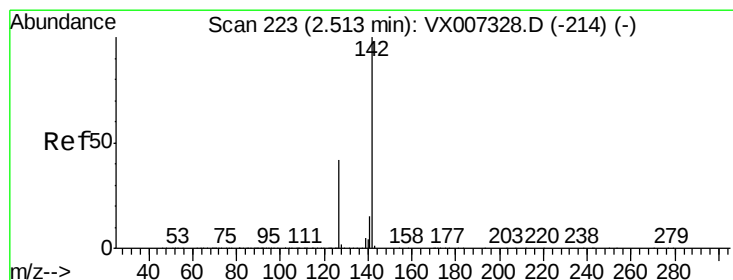
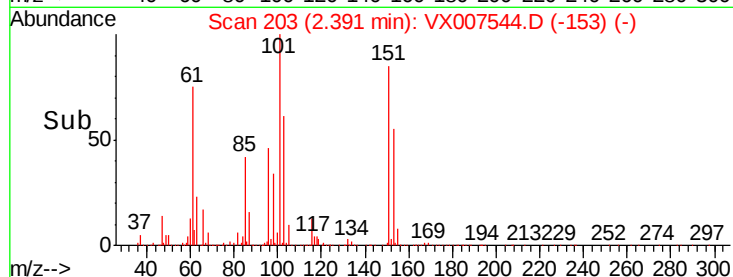
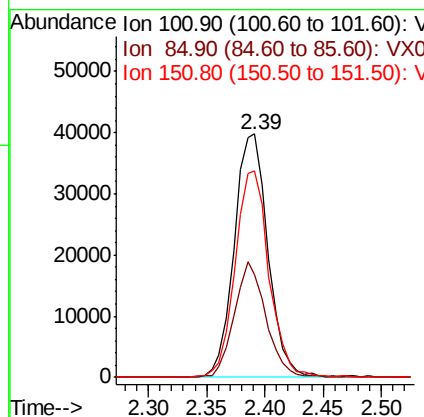
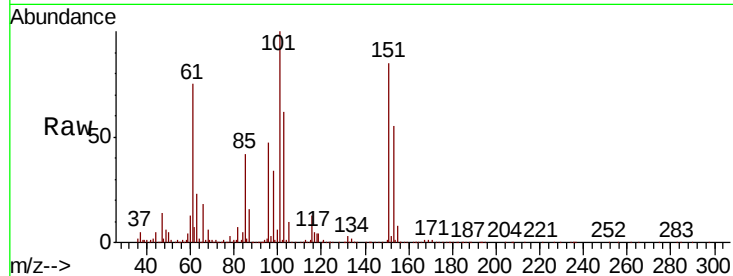
ClientSampleId :

VX0215WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 80448 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 44.7  | 34.1  | 51.1  |
| 151       | 85.1  | 69.9  | 104.9 |

Manual Integrations  
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MMDadoda  
2/15/2019 10:10:15 AM



#10

Methyl Iodide

Concen: 15.268 ug/l

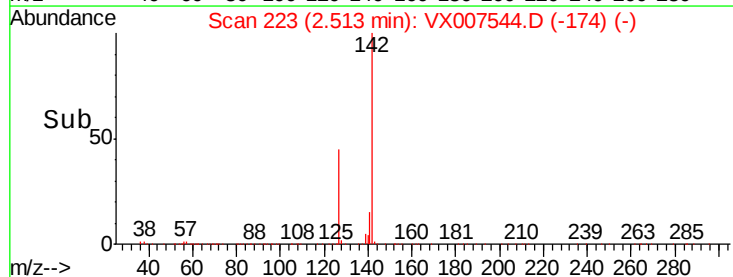
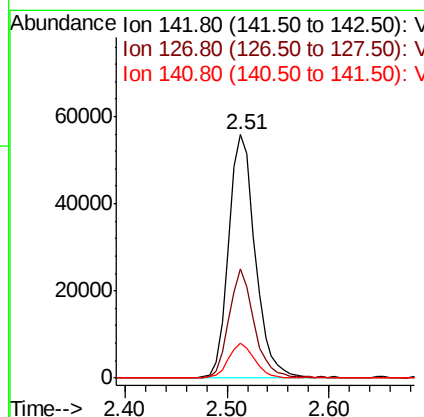
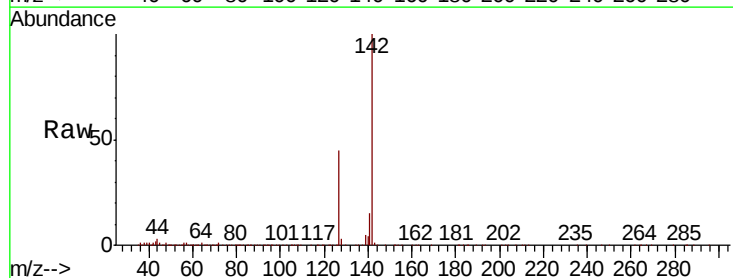
RT: 2.51 min Scan# 223

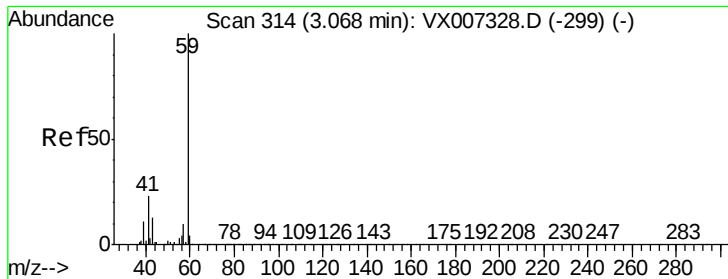
Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 101013 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 42.4  | 33.7  | 50.5   |
| 141       | 14.4  | 11.3  | 16.9   |





#11

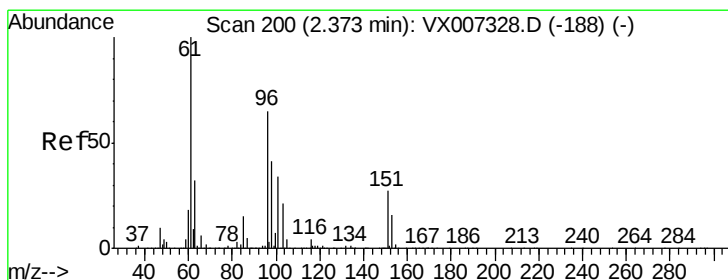
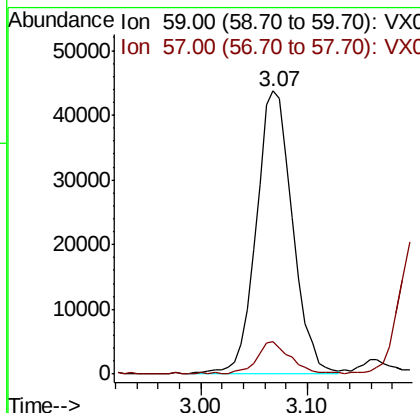
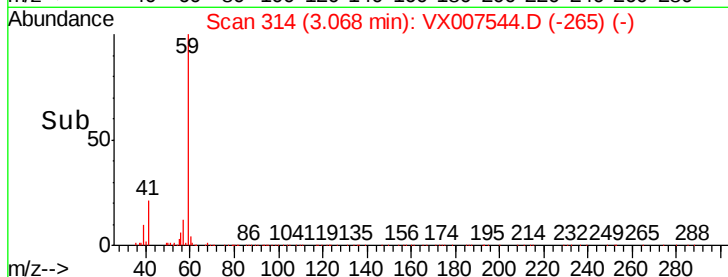
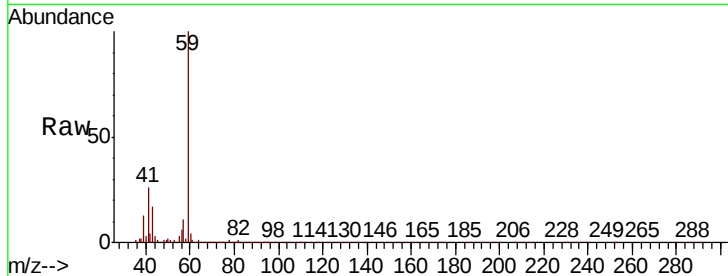
Tert butyl alcohol  
Concen: 107.389 ug/l  
RT: 3.07 min Scan# 314  
Delta R.T. -0.00 min  
Lab File: VX007544.D  
Acq: 14 Feb 2019 14:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0215WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 9.9   | 8.1   | 12.1  |

Manual Integrations  
APPROVED

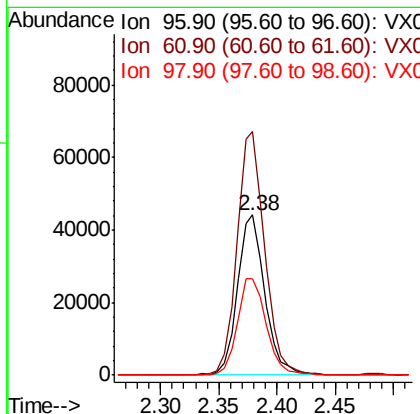
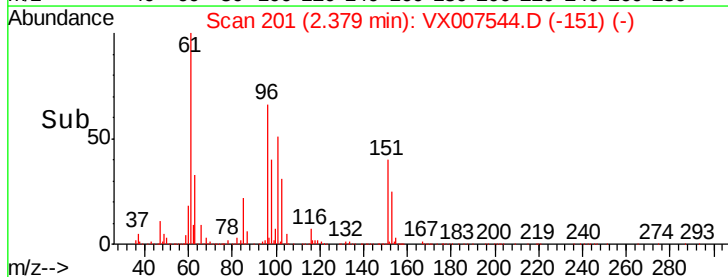
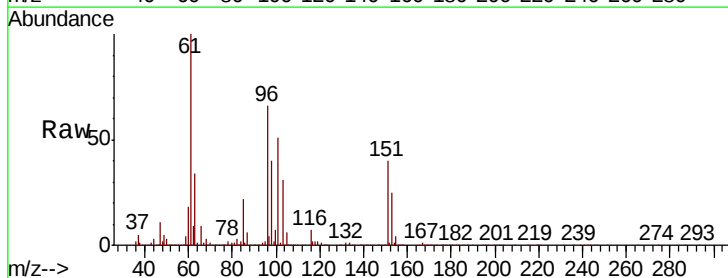
MMDadoda  
2/15/2019 10:10:15 AM

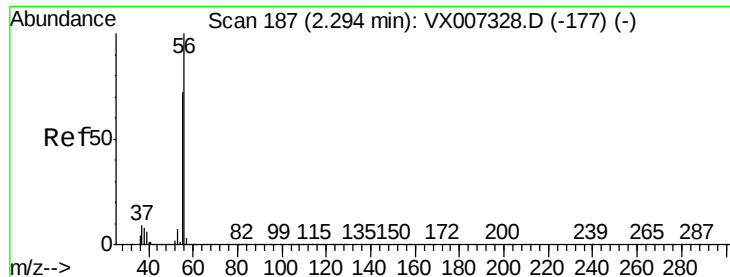


#12

1,1-Dichloroethene  
Concen: 17.175 ug/l  
RT: 2.38 min Scan# 201  
Delta R.T. 0.01 min  
Lab File: VX007544.D  
Acq: 14 Feb 2019 14:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 151.9 | 123.0 | 184.4 |
| 98      | 60.3  | 50.9  | 76.3  |





#13

Acrolein

Concen: 77.374 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA\_X

ClientSampleId :

VX0215WBSD01

Tot Ion: 56 Resp: 34861

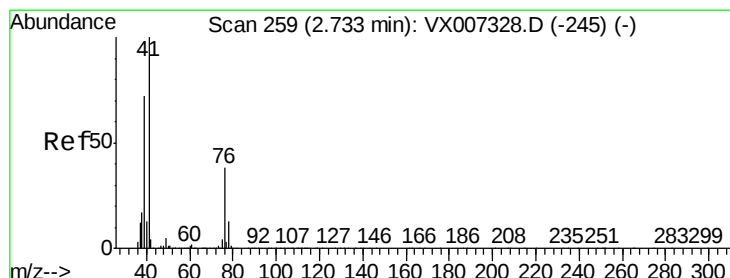
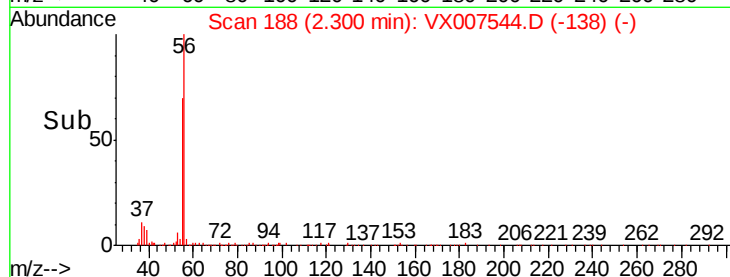
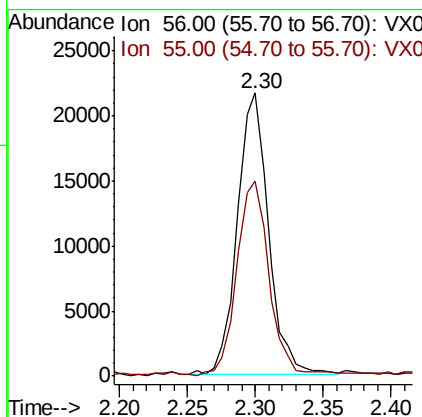
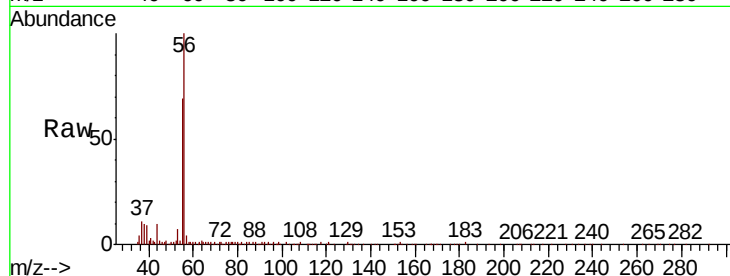
Ion Ratio Lower Upper

56 100

55 73.0 56.9 85.3

Manual Integrations  
APPROVED

MMDadoda  
2/15/2019 10:10:15 AM



#14

Allyl chloride

Concen: 18.915 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

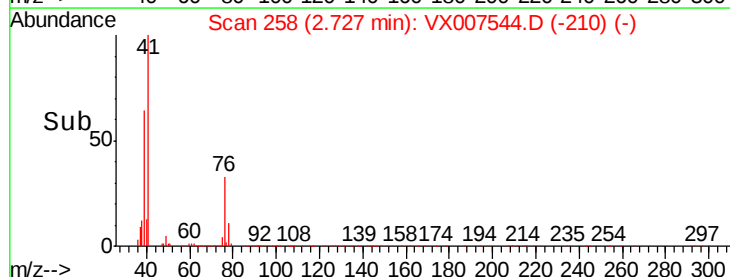
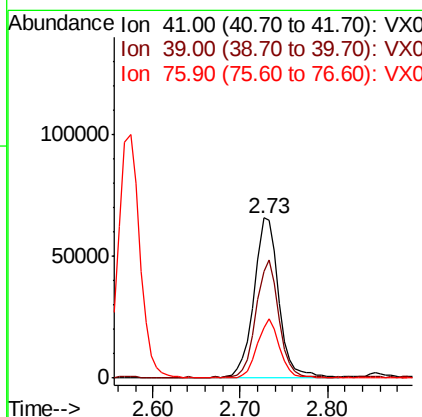
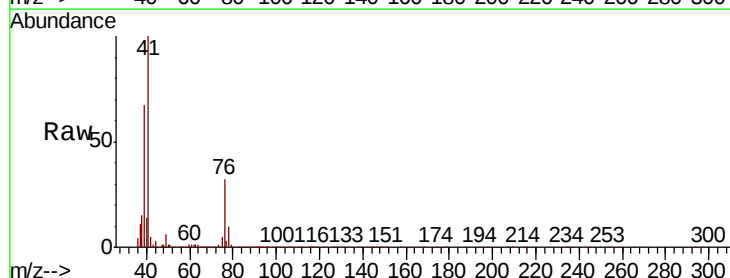
Tgt Ion: 41 Resp: 128711

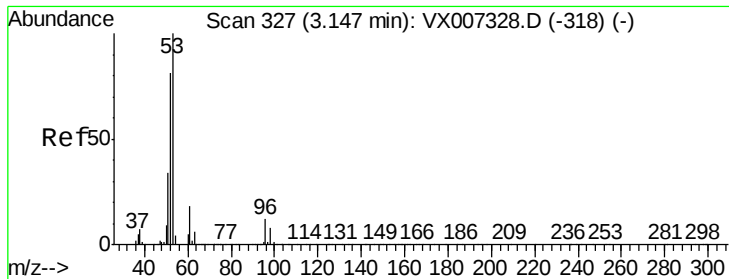
Ion Ratio Lower Upper

41 100

39 67.9 54.1 81.1

76 33.1 27.8 41.8





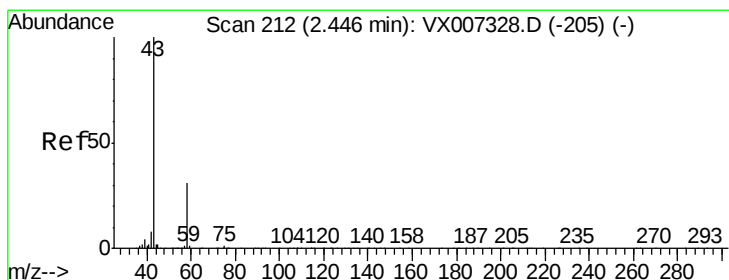
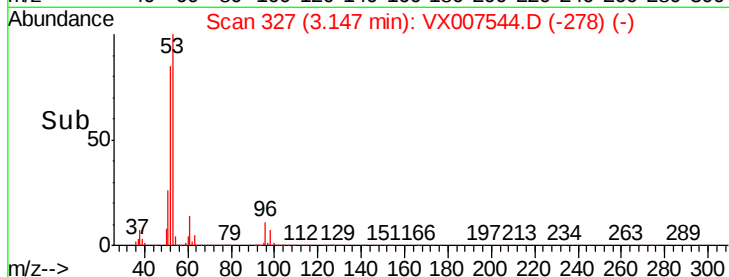
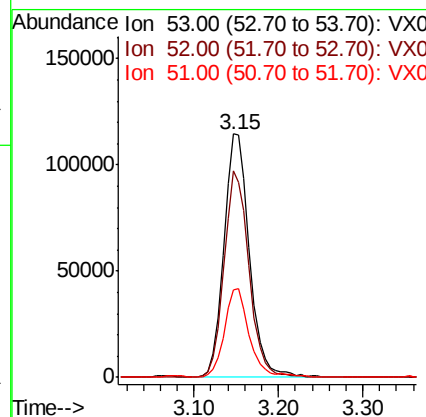
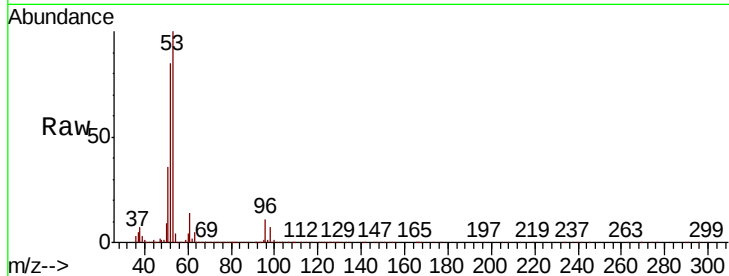
#15  
 Acrylonitrile  
 Concen: 99.887 ug/l  
 RT: 3.15 min Scan# 327  
 Delta R.T. -0.00 min  
 Lab File: VX007544.D  
 Acq: 14 Feb 2019 14:35

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0215WBSD01

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 53   | Resp: | 237415 |
| Ion Ratio |      | Lower | Upper  |
| 53        | 100  |       |        |
| 52        | 83.4 | 66.4  | 99.6   |
| 51        | 35.6 | 28.4  | 42.6   |

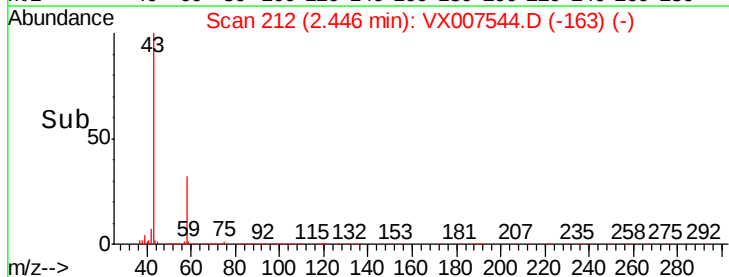
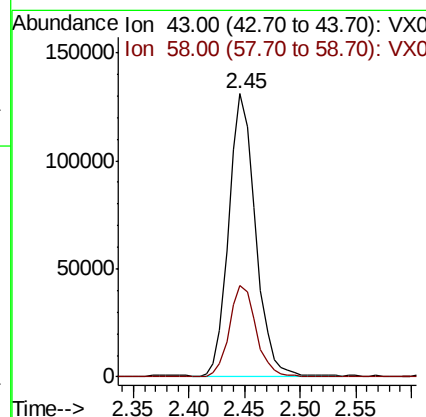
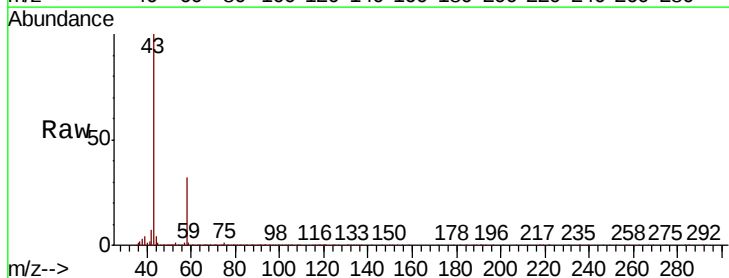
Manual Integrations  
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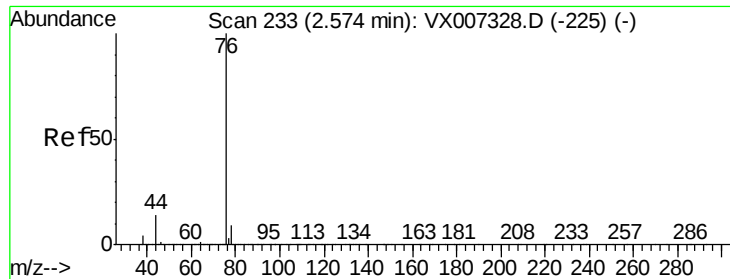
MMDadoda  
 2/15/2019 10:10:15 AM



#16  
 Acetone  
 Concen: 101.815 ug/l  
 RT: 2.45 min Scan# 212  
 Delta R.T. -0.00 min  
 Lab File: VX007544.D  
 Acq: 14 Feb 2019 14:35

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 43   | Resp: | 216529 |
| Ion Ratio |      | Lower | Upper  |
| 43        | 100  |       |        |
| 58        | 32.3 | 24.9  | 37.3   |





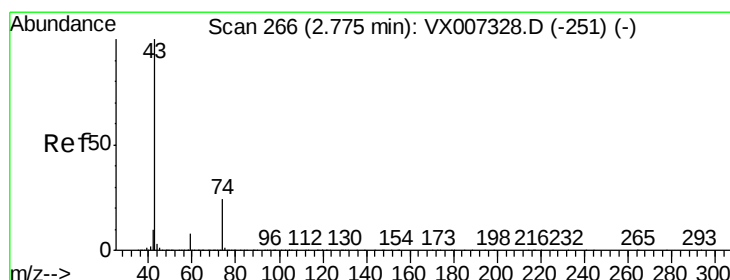
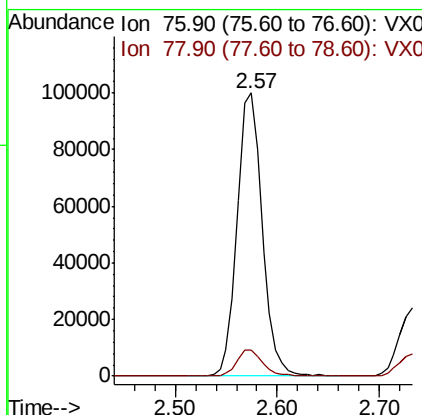
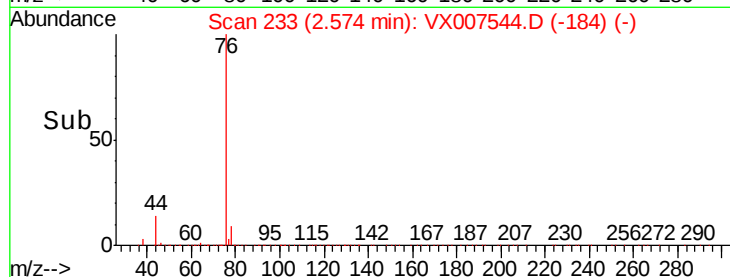
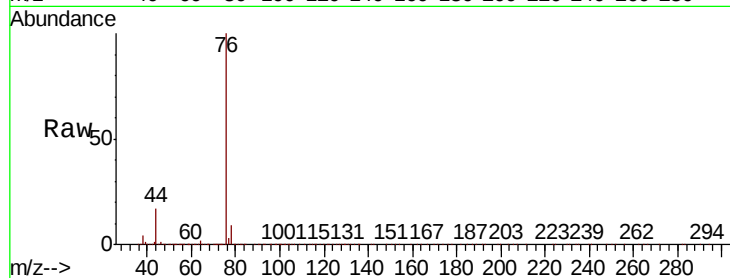
#17  
Carbon Disulfide  
Concen: 17.014 ug/l  
RT: 2.57 min Scan# 233  
Delta R.T. 0.00 min  
Lab File: VX007544.D  
Acq: 14 Feb 2019 14:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0215WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.2   | 7.1   | 10.7  |

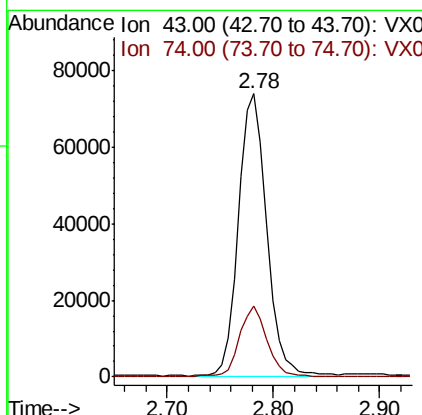
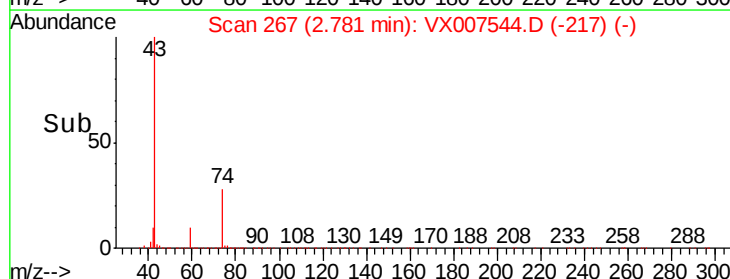
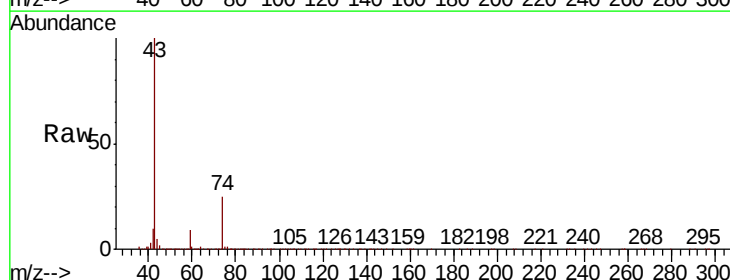
Manual Integrations  
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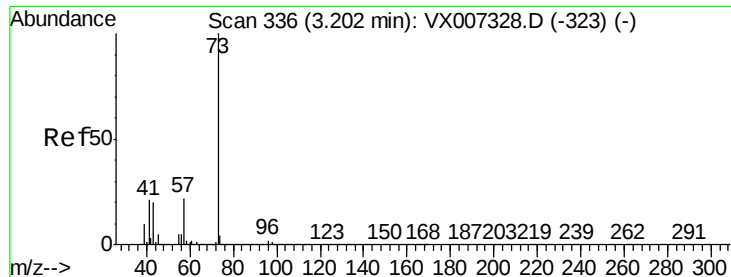
MMDadoda  
2/15/2019 10:10:15 AM



#18  
Methyl Acetate  
Concen: 25.259 ug/l  
RT: 2.78 min Scan# 267  
Delta R.T. 0.01 min  
Lab File: VX007544.D  
Acq: 14 Feb 2019 14:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 24.8  | 19.4  | 29.2  |





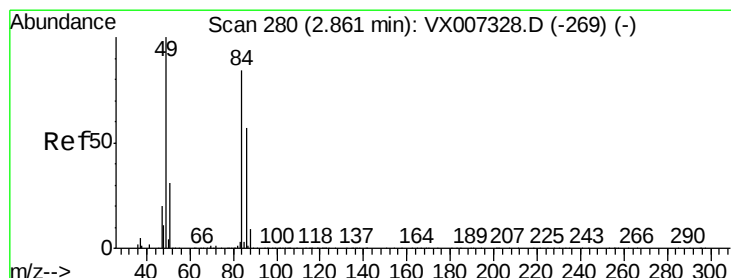
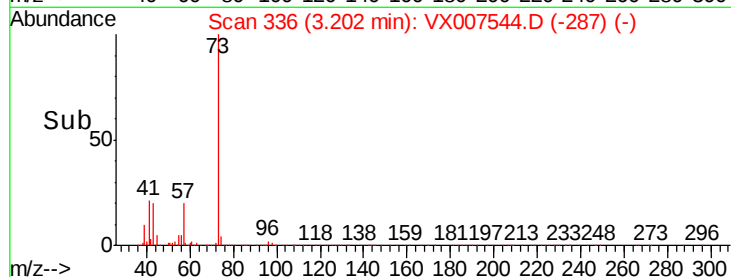
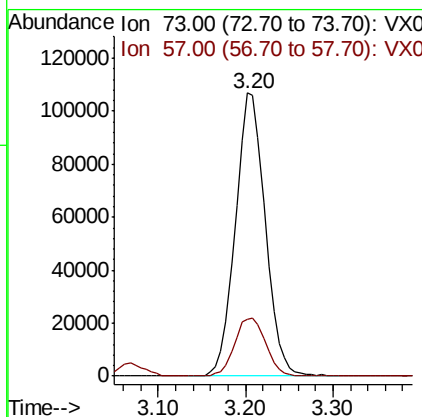
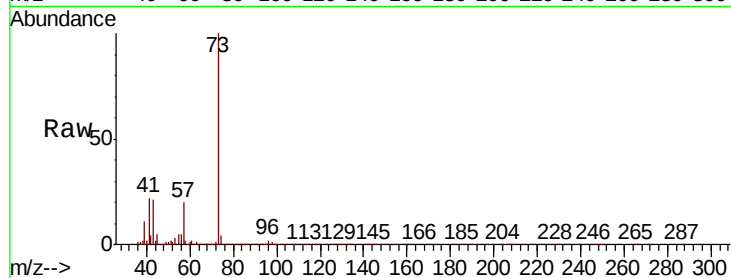
#19  
Methvl tert-butvl Ether  
Concen: 18.677 ug/l  
RT: 3.20 min Scan# 336  
Delta R.T. -0.00 min  
Lab File: VX007544.D  
Acq: 14 Feb 2019 14:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0215WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 20.1  | 17.8  | 26.8  |

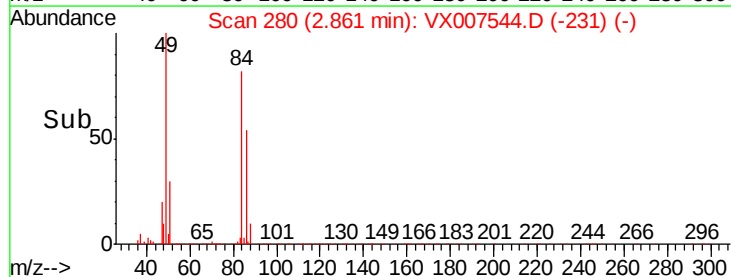
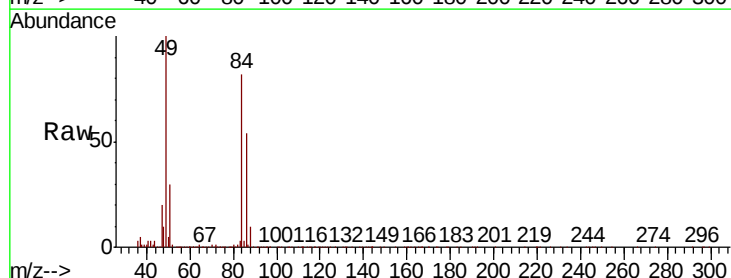
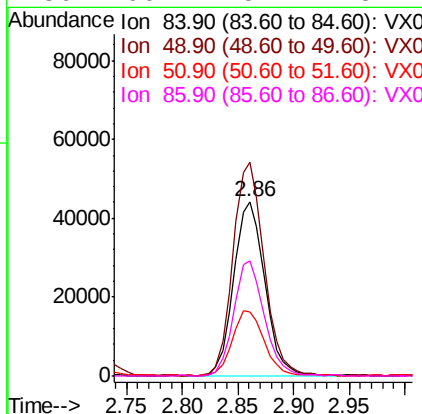
Manual Integrations  
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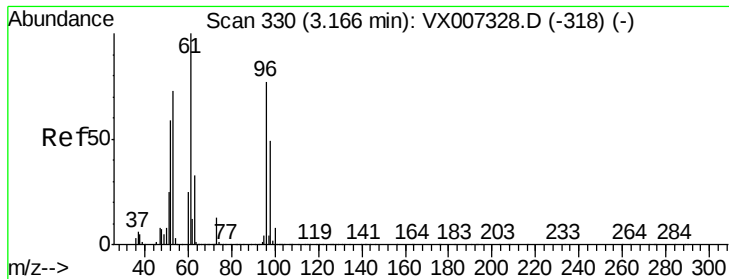
MMDadoda  
2/15/2019 10:10:15 AM



#20  
Methylene Chloride  
Concen: 19.373 ug/l  
RT: 2.86 min Scan# 280  
Delta R.T. 0.00 min  
Lab File: VX007544.D  
Acq: 14 Feb 2019 14:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 122.3 | 94.8  | 142.2 |
| 51      | 36.7  | 29.8  | 44.8  |
| 86      | 66.2  | 54.1  | 81.1  |





#21

trans-1,2-Dichloroethene

Concen: 17.184 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA\_X

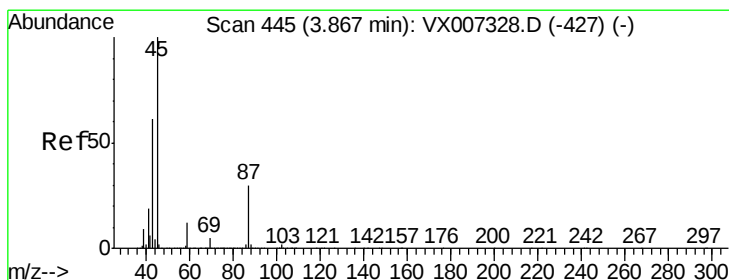
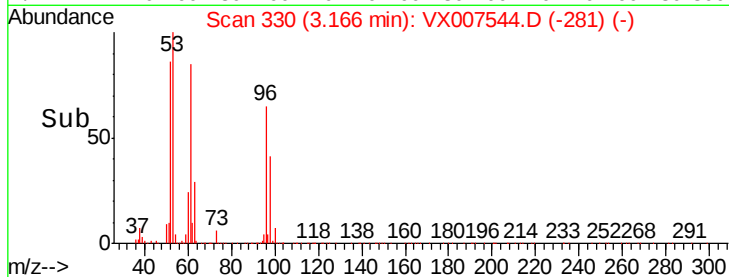
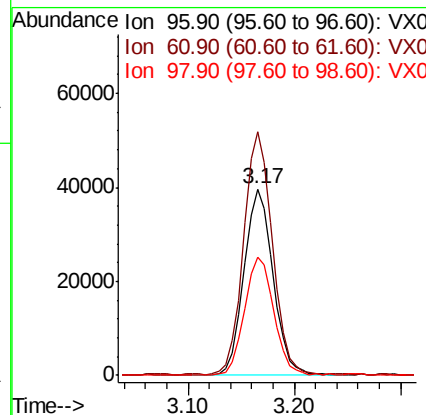
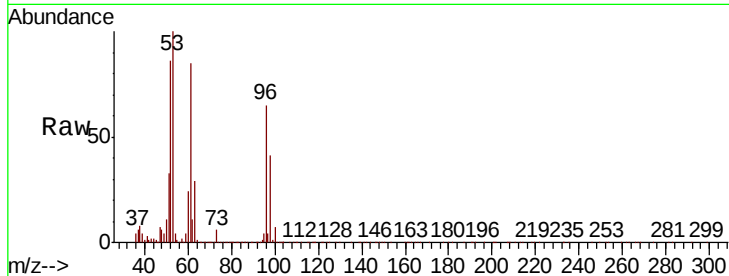
ClientSampleId :

VX0215WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 96    | Resp: | 76448 |
| Ion Ratio | Lower | Upper |       |
| 96        | 100   |       |       |
| 61        | 130.2 | 104.6 | 156.8 |
| 98        | 63.3  | 51.0  | 76.4  |

Manual Integrations  
APPROVED

MMDadoda  
2/15/2019 10:10:15 AM



#22

Diisopropyl ether

Concen: 19.380 ug/l

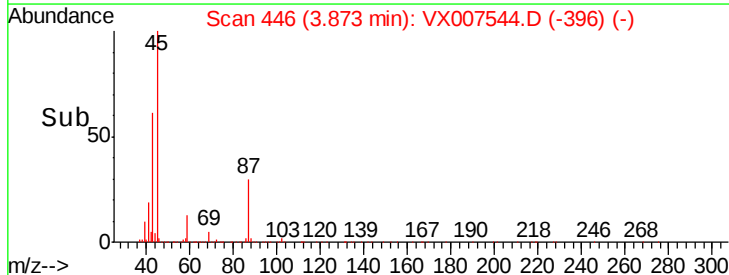
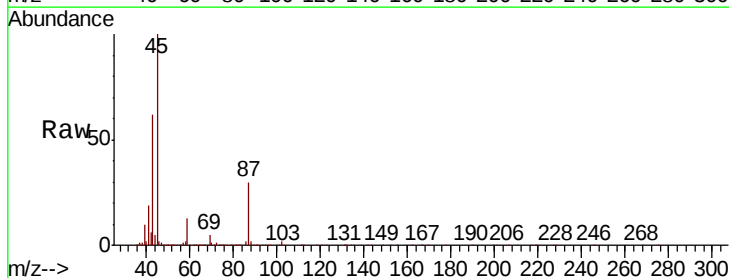
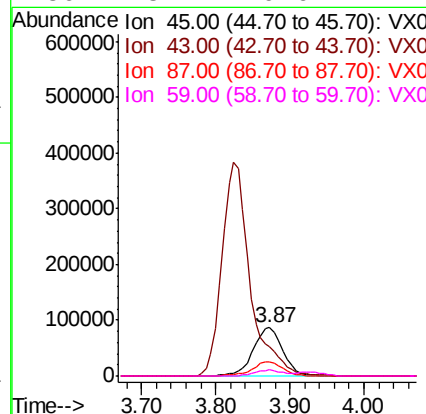
RT: 3.87 min Scan# 446

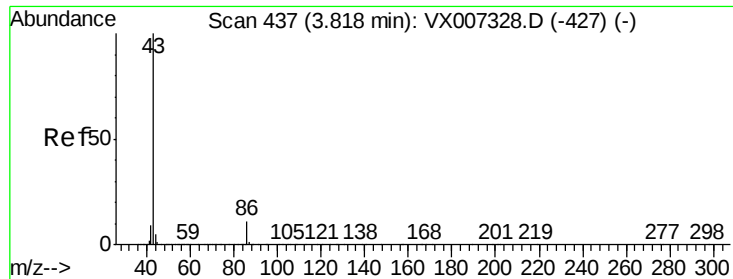
Delta R.T. 0.01 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 242575 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 43        | 61.3  | 48.9  | 73.3   |
| 87        | 30.5  | 23.9  | 35.9   |
| 59        | 13.4  | 9.6   | 14.4   |





#23

Vinyl Acetate

Concen: 97.092 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA\_X

ClientSampleId :

VX0215WBSD01

Tot Ion: 43 Resp: 1008481

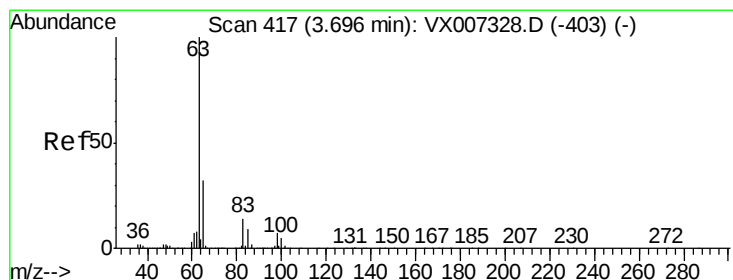
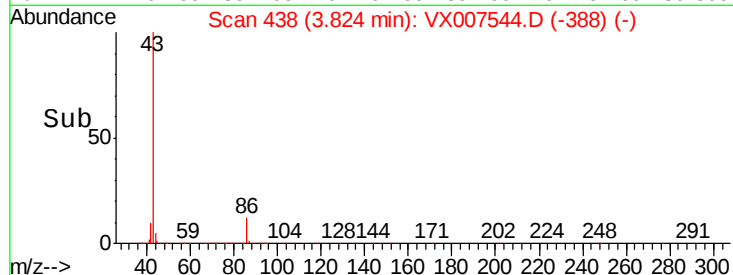
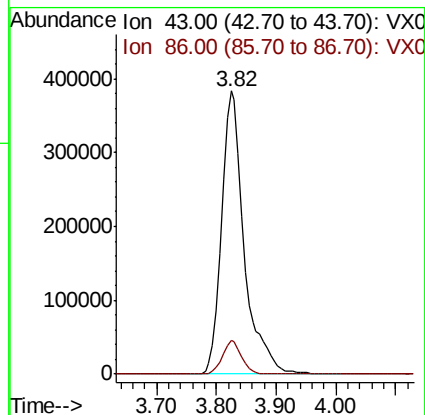
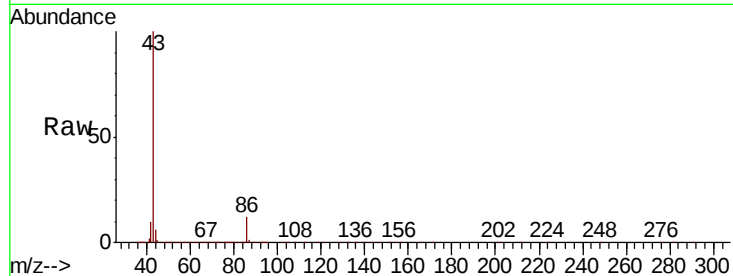
Ion Ratio Lower Upper

43 100

86 11.8 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 19.017 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

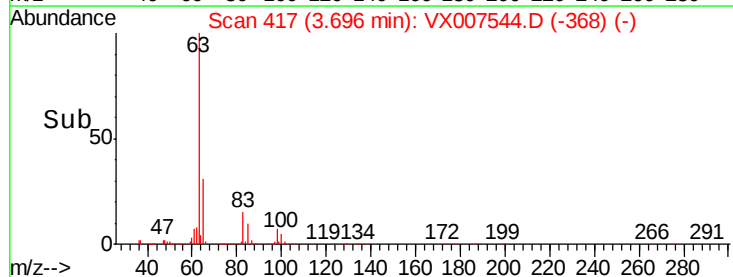
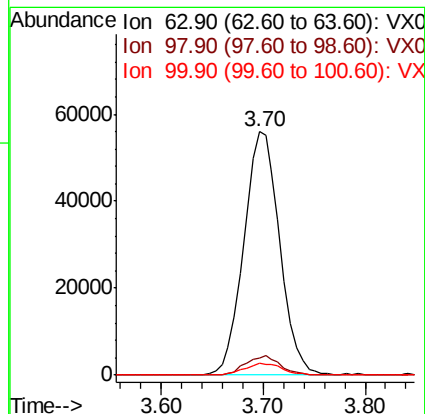
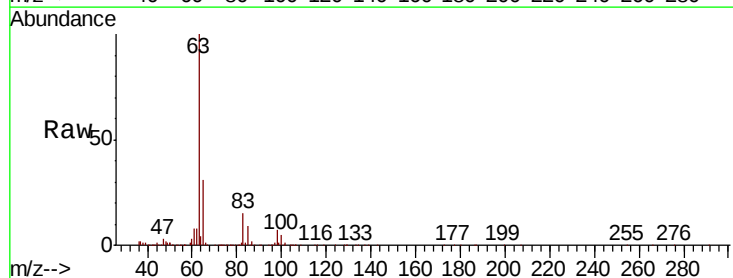
Tgt Ion: 63 Resp: 136701

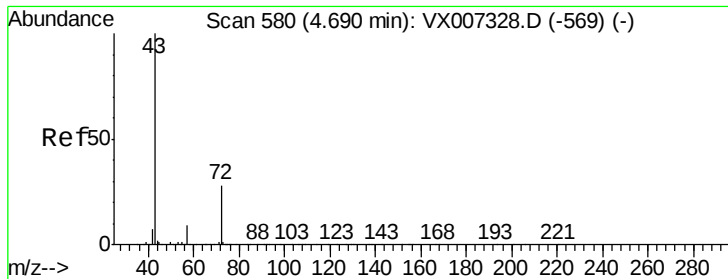
Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.8

100 4.7 2.5 7.4





#25

2-Butanone

Concen: 103.999 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA\_X

ClientSampleId :

VX0215WBSD01

Tot Ion: 43 Resp: 314758

Ion Ratio Lower Upper

43 100

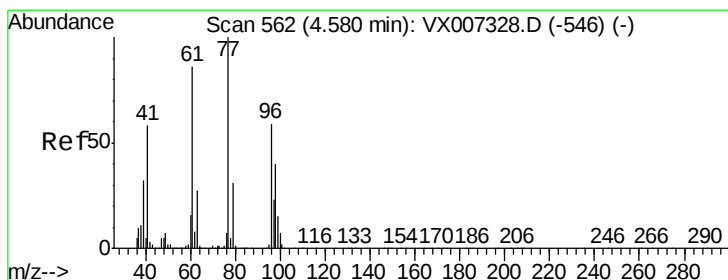
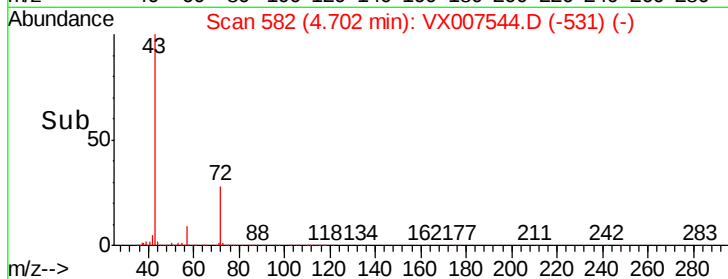
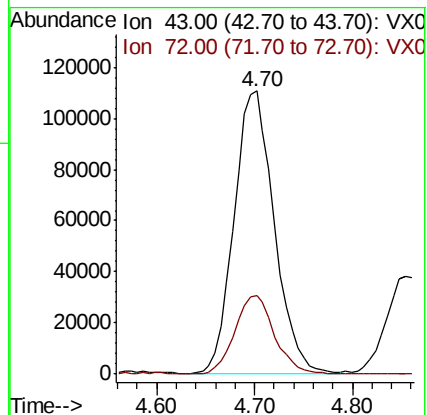
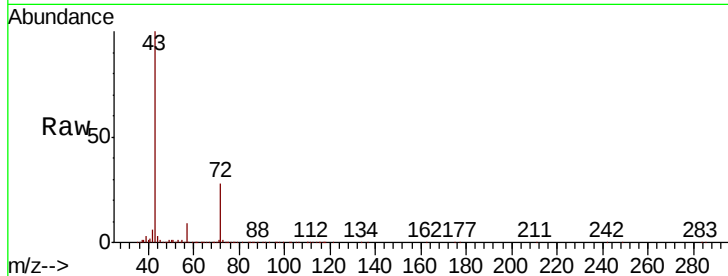
72 27.7 22.2 33.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.940 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX007544.D

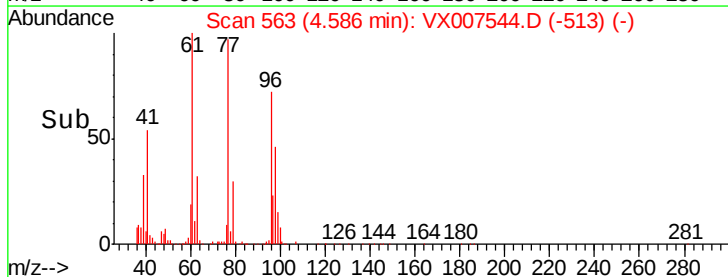
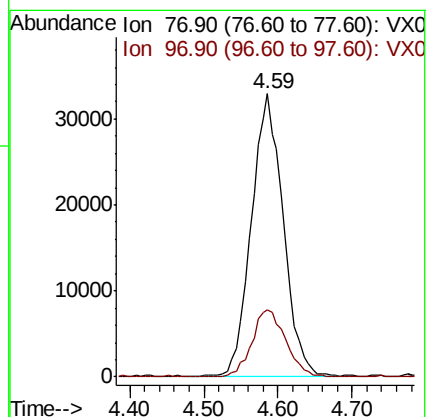
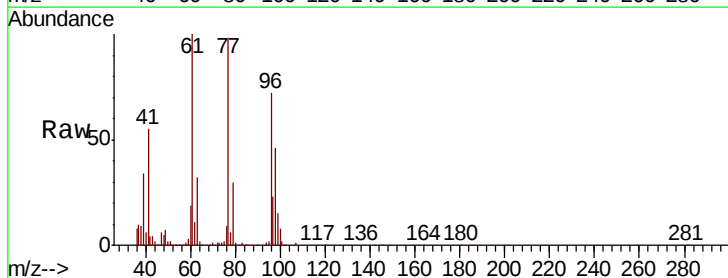
Acq: 14 Feb 2019 14:35

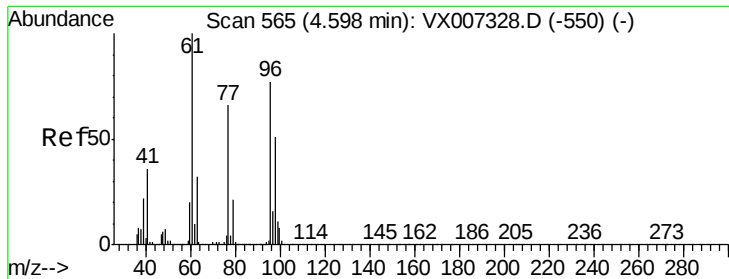
Tgt Ion: 77 Resp: 98206

Ion Ratio Lower Upper

77 100

97 25.3 12.1 36.3





#27

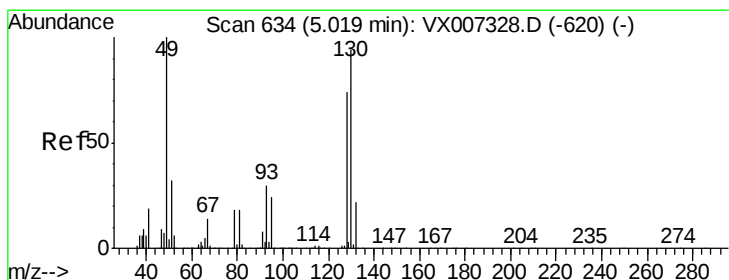
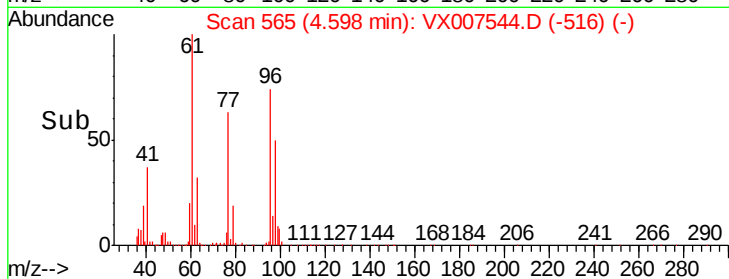
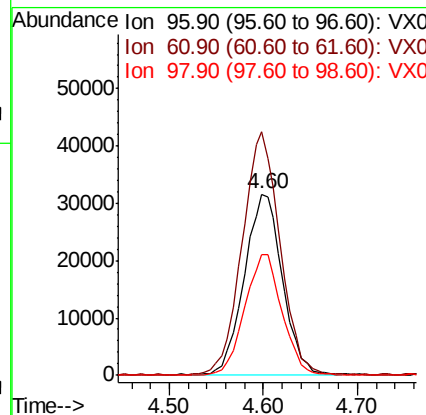
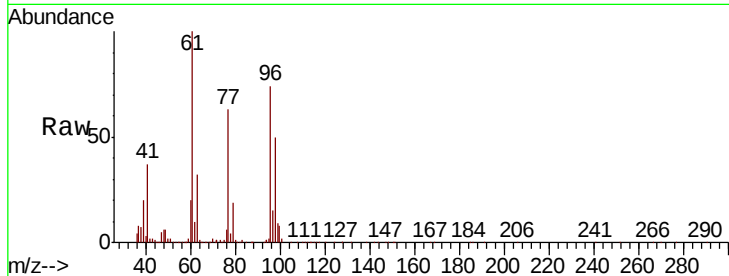
cis-1,2-Dichloroethene  
 Concen: 18.420 ug/l  
 RT: 4.60 min Scan# 565  
 Delta R.T. -0.00 min  
 Lab File: VX007544.D  
 Acq: 14 Feb 2019 14:35

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0215WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 132.9 | 0.0   | 265.6 |
| 98      | 65.5  | 0.0   | 131.6 |

Manual Integrations  
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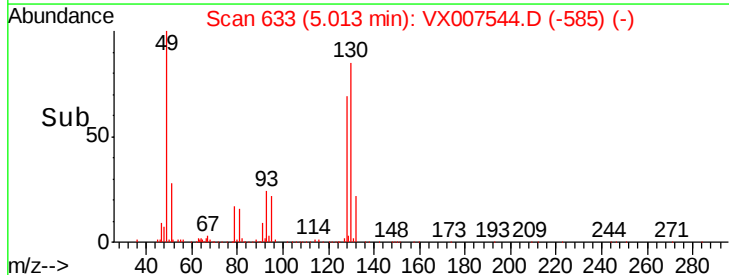
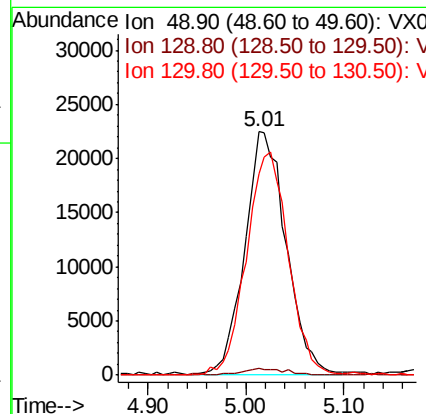
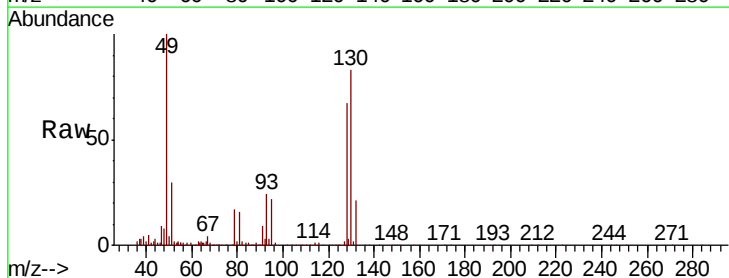
MMDadoda  
 2/15/2019 10:10:15 AM



#28

Bromochloromethane  
 Concen: 20.005 ug/l  
 RT: 5.01 min Scan# 633  
 Delta R.T. -0.01 min  
 Lab File: VX007544.D  
 Acq: 14 Feb 2019 14:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 3.0   | 0.0   | 5.6   |
| 130     | 92.4  | 75.6  | 113.4 |





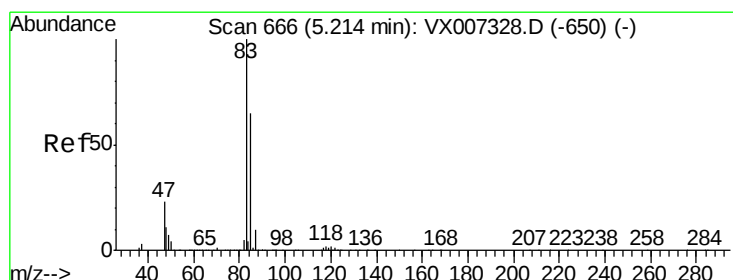
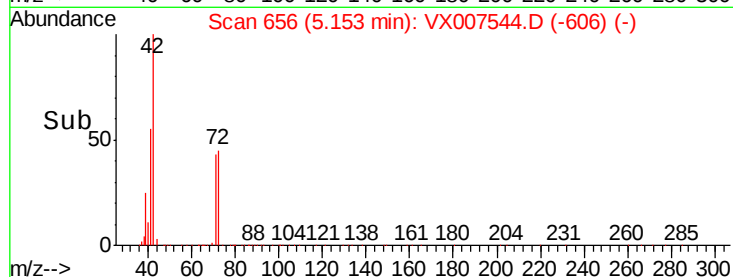
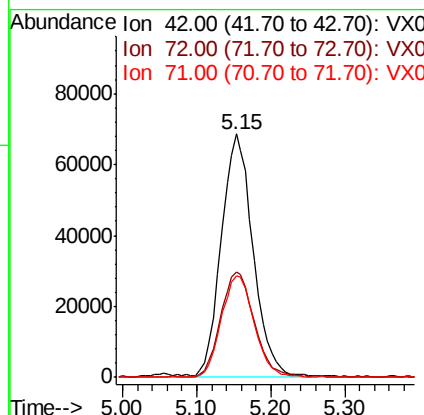
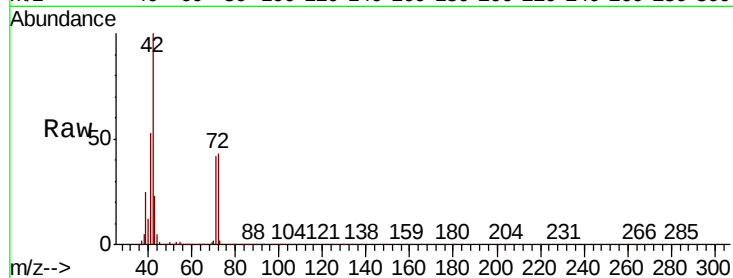
#29  
Tetrahydrofuran  
Concen: 105.993 ug/l  
RT: 5.15 min Scan# 656  
Delta R.T. 0.01 min  
Lab File: VX007544.D  
Acq: 14 Feb 2019 14:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0215WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 46.8  | 37.6  | 56.4  |
| 71      | 43.7  | 34.6  | 51.8  |

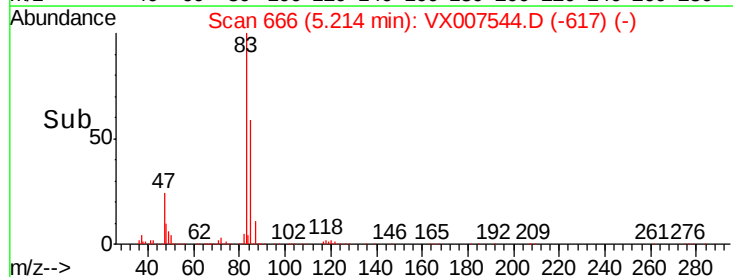
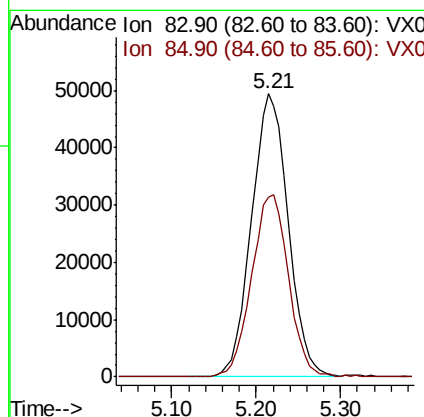
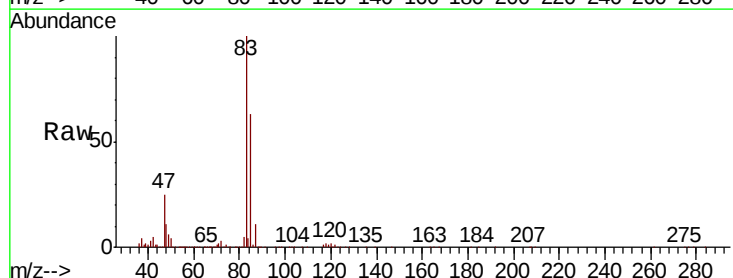
Manual Integrations  
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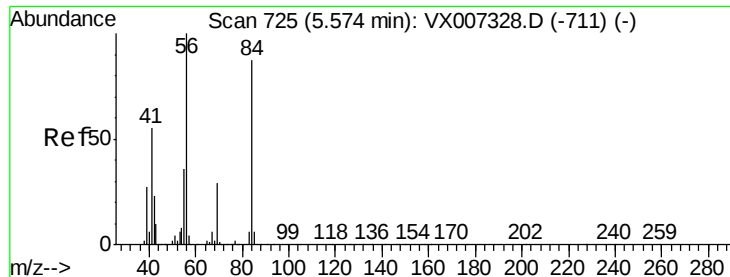
MMDadoda  
2/15/2019 10:10:15 AM



#30  
Chloroform  
Concen: 19.495 ug/l  
RT: 5.21 min Scan# 666  
Delta R.T. -0.00 min  
Lab File: VX007544.D  
Acq: 14 Feb 2019 14:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 63.2  | 51.6  | 77.4  |





#31

Cyclohexane

Concen: 17.338 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA\_X

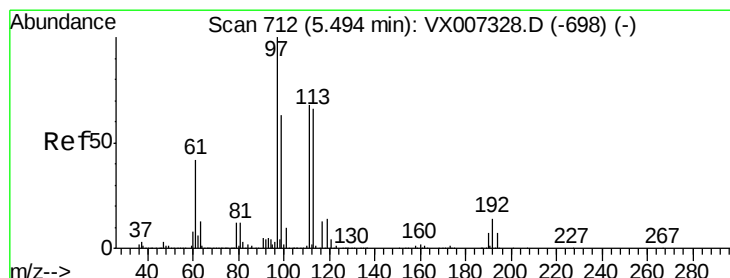
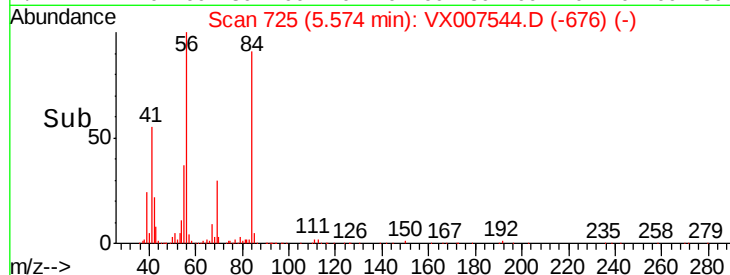
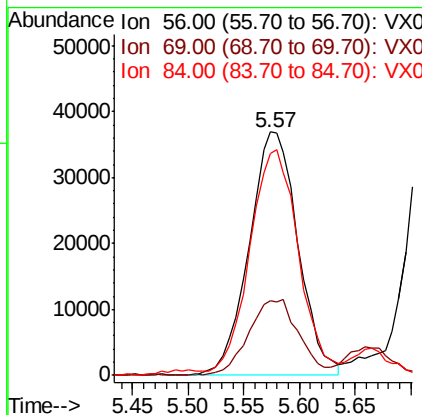
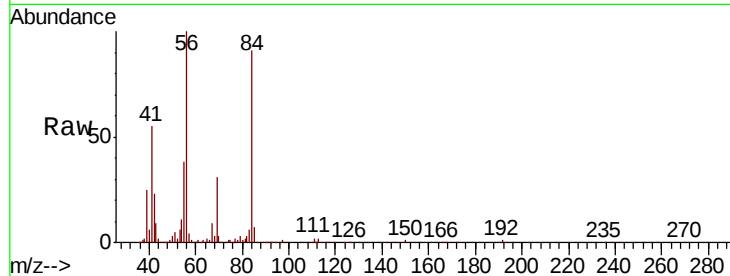
ClientSampleId :

VX0215WBSD01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 56    | Resp: | 111933 |
| Ion      | Ratio | Lower | Upper  |
| 56       | 100   |       |        |
| 69       | 30.3  | 23.0  | 34.6   |
| 84       | 89.2  | 69.8  | 104.6  |

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#32

1,1,1-Trichloroethane

Concen: 19.151 ug/l

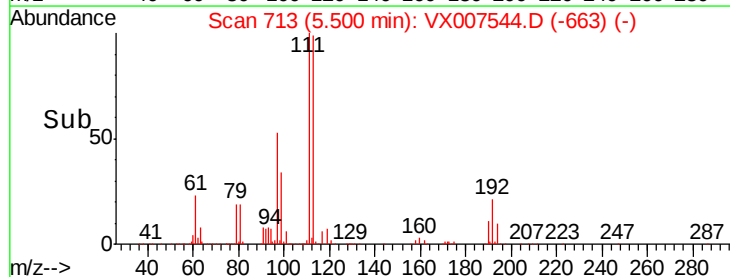
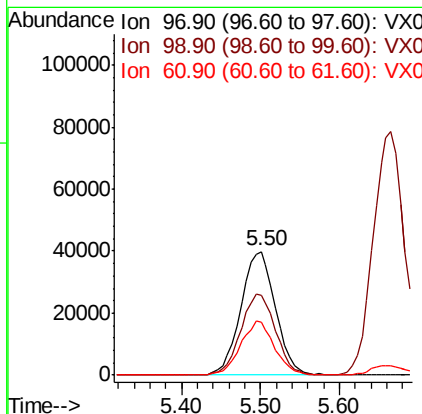
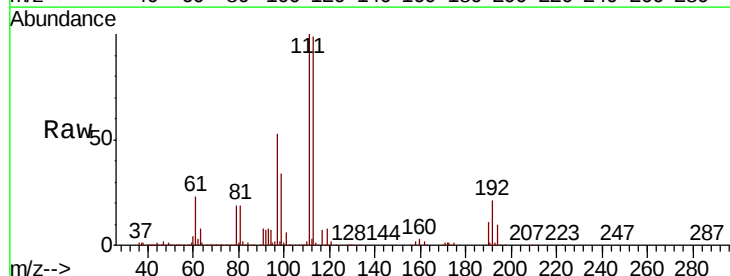
RT: 5.50 min Scan# 713

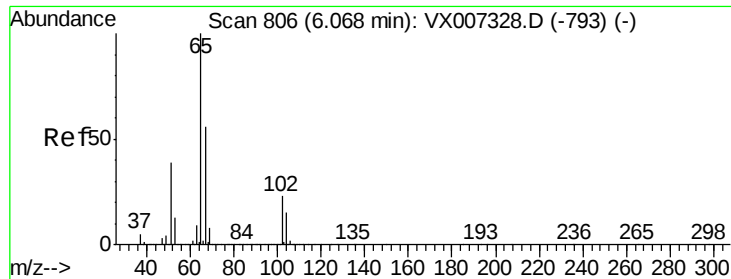
Delta R.T. 0.01 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 121251 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 99       | 66.3  | 52.2  | 78.2   |
| 61       | 43.1  | 32.7  | 49.1   |





#33

1,2-Dichloroethane-d4

Concen: 50.599 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA\_X

ClientSampleId :

VX0215WBSD01

Tot Ion: 65 Resp: 234915

Ion Ratio Lower Upper

65 100

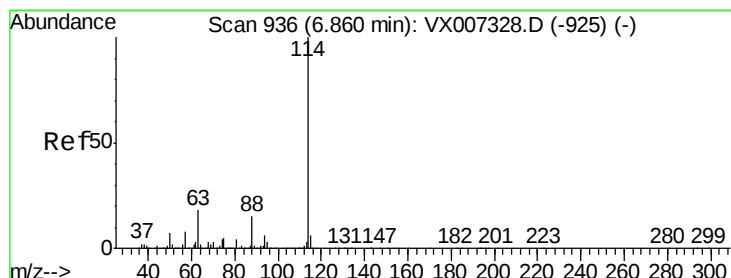
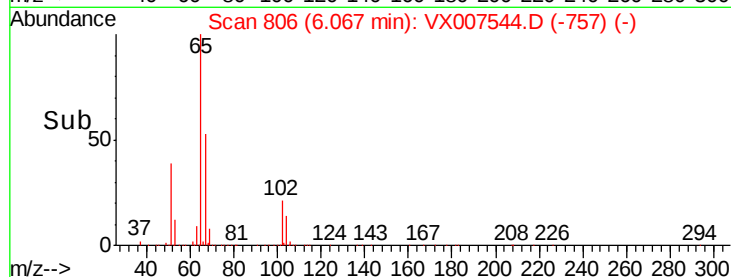
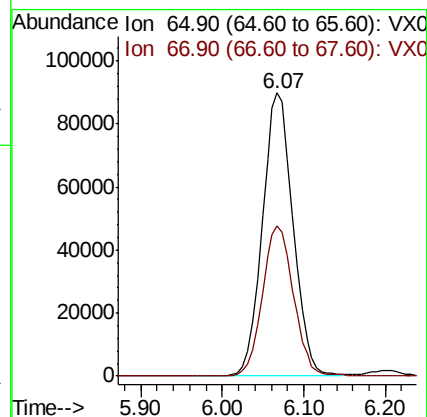
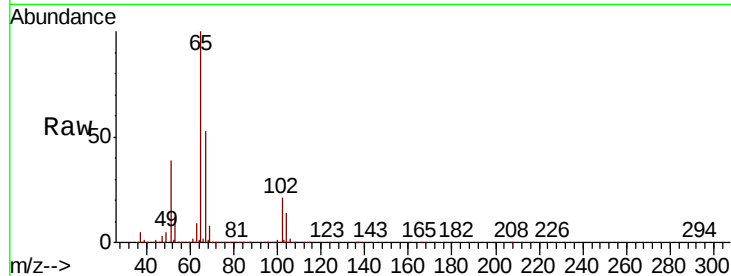
67 53.7 0.0 108.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

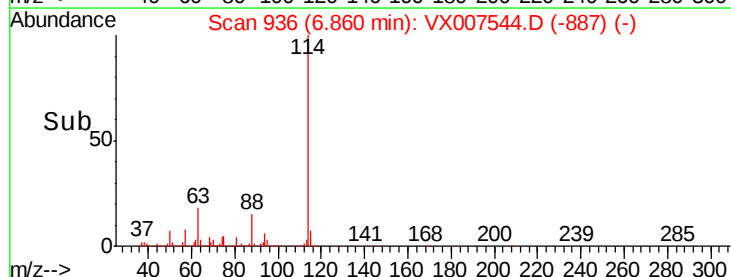
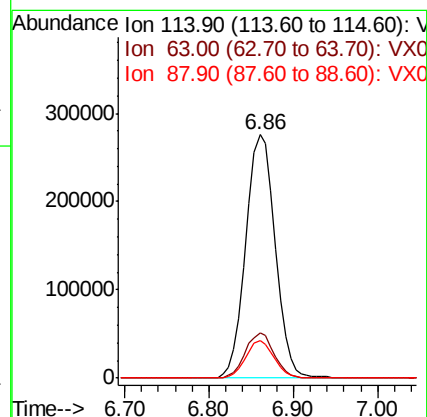
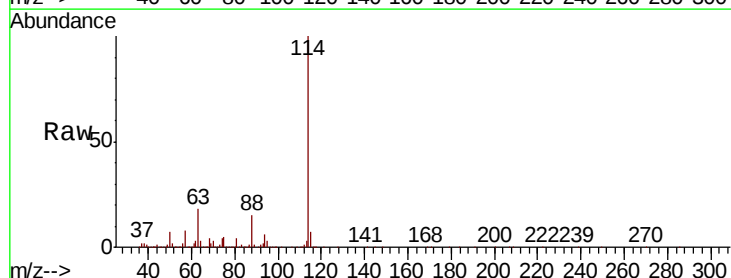
Tgt Ion: 114 Resp: 651926

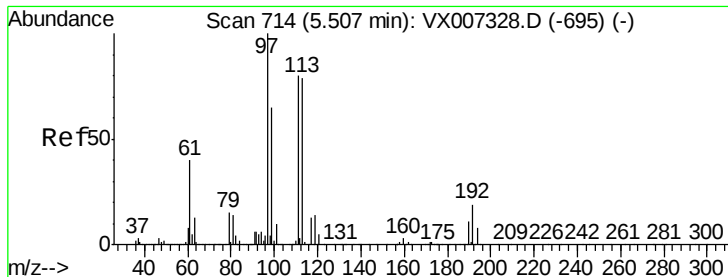
Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.6

88 15.3 0.0 29.6





#35

Dibromofluoromethane

Concen: 50.988 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA\_X

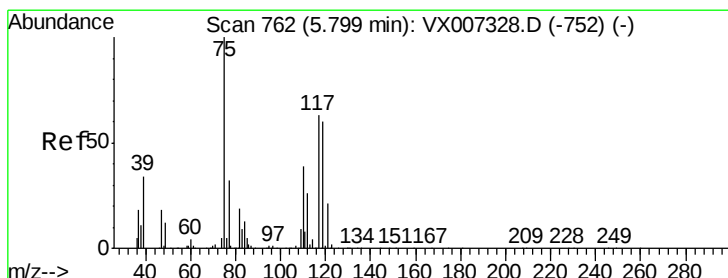
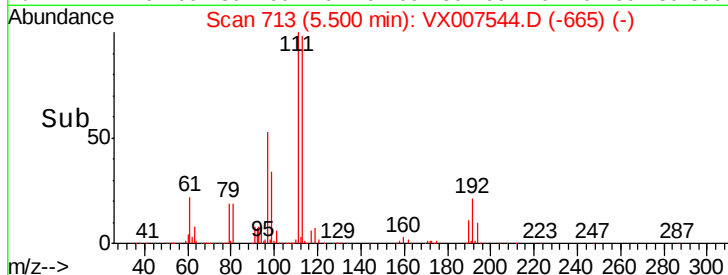
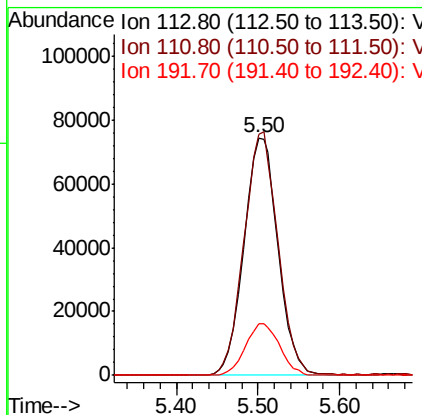
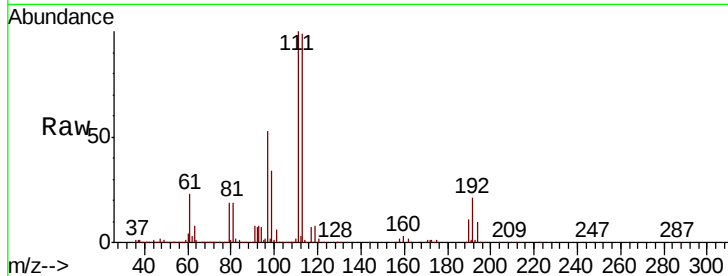
ClientSampleId :

VX0215WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 216285 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 102.1 | 81.8  | 122.8  |
| 192       | 22.0  | 18.5  | 27.7   |

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#36

1,1-Dichloropropene

Concen: 17.202 ug/l

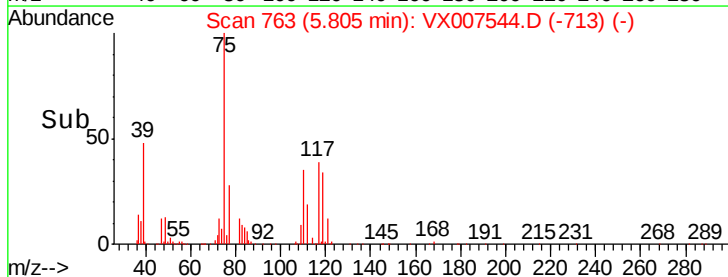
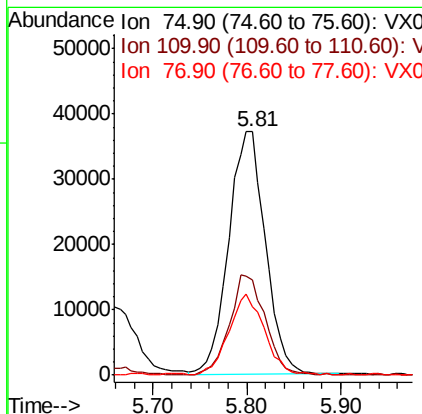
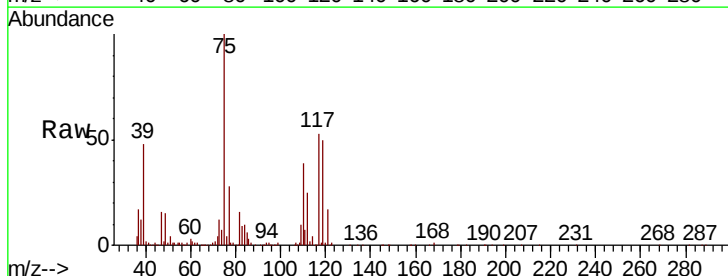
RT: 5.81 min Scan# 763

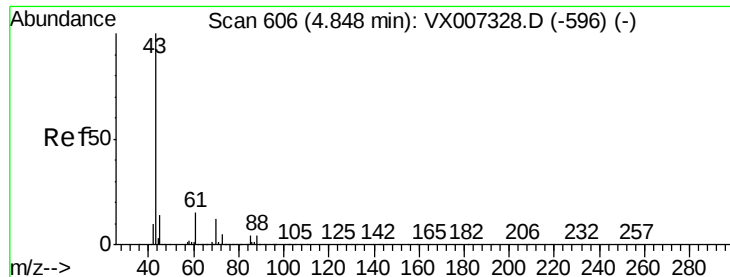
Delta R.T. 0.01 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 100619 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 40.5  | 20.0  | 59.9   |
| 77        | 31.8  | 24.7  | 37.1   |





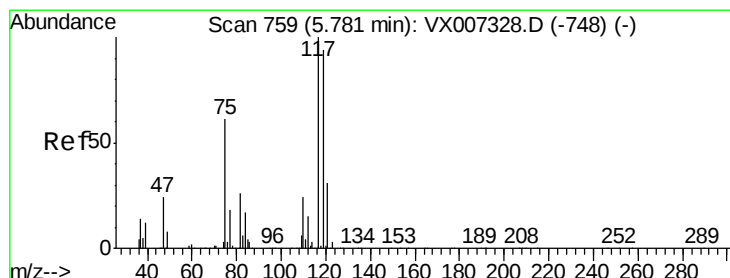
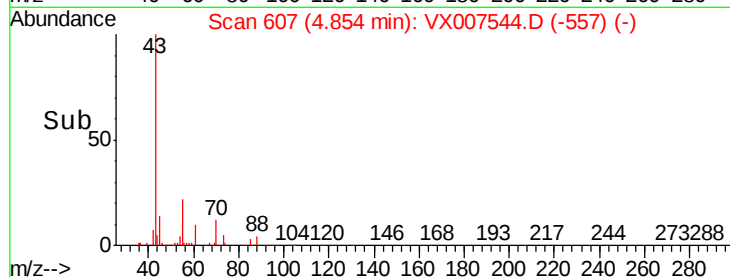
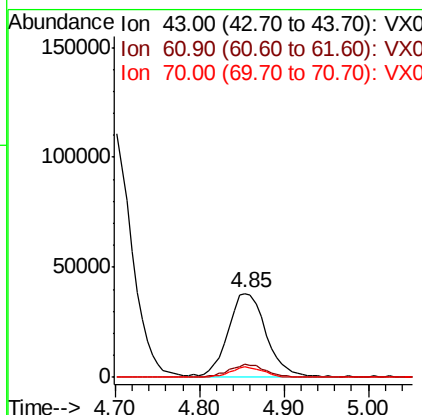
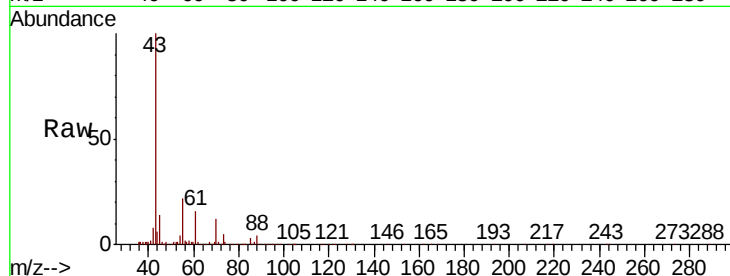
#37  
Ethyl Acetate  
Concen: 19.549 ug/l  
RT: 4.85 min Scan# 607  
Delta R.T. 0.01 min  
Lab File: VX007544.D  
Acq: 14 Feb 2019 14:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0215WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 15.6  | 11.3  | 16.9  |
| 70      | 10.7  | 8.6   | 13.0  |

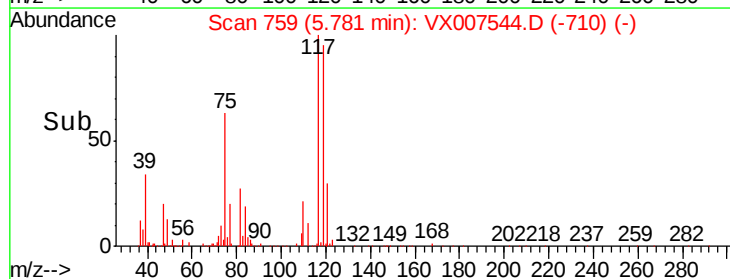
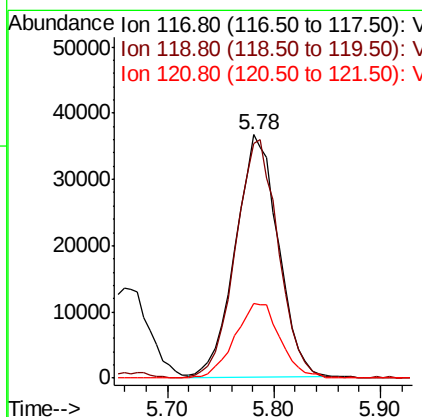
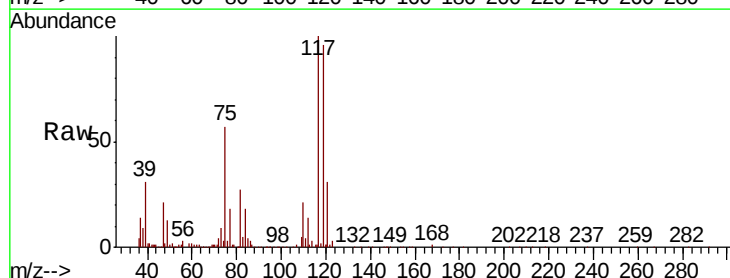
Manual Integrations  
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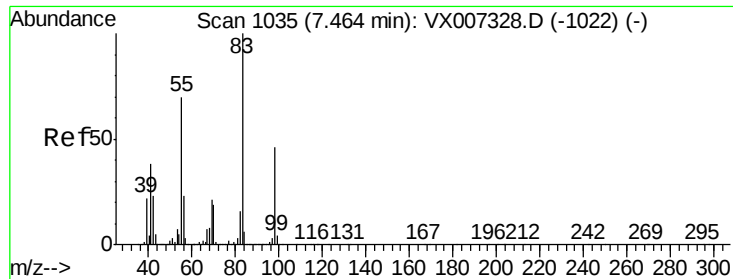
MMDadoda  
2/15/2019 10:10:15 AM



#38  
Carbon Tetrachloride  
Concen: 18.174 ug/l  
RT: 5.78 min Scan# 759  
Delta R.T. -0.00 min  
Lab File: VX007544.D  
Acq: 14 Feb 2019 14:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.2  | 75.3  | 112.9 |
| 121     | 30.8  | 25.0  | 37.4  |





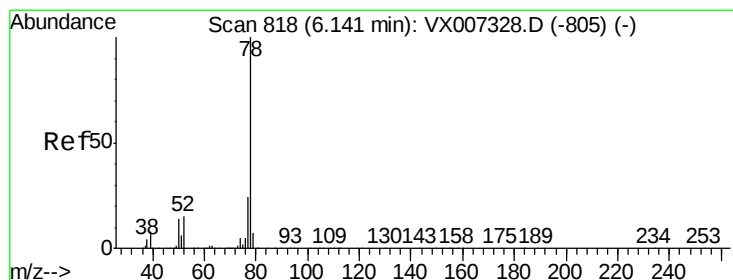
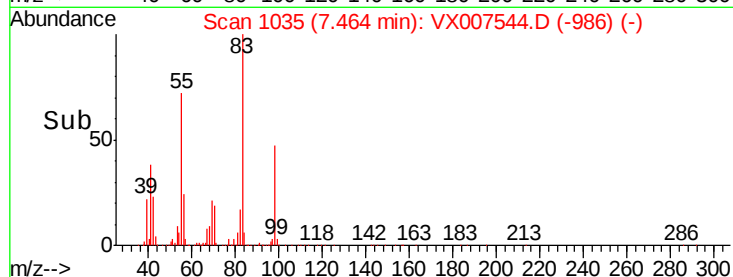
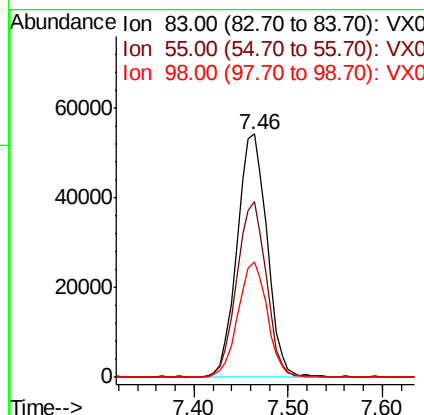
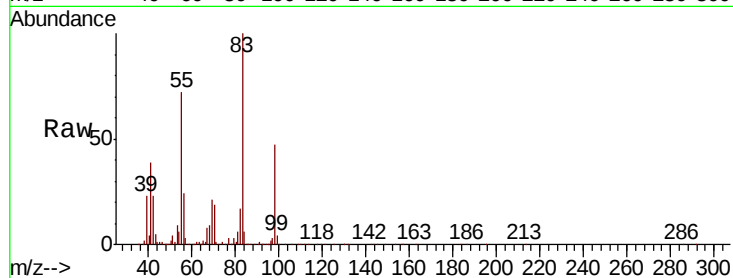
#39  
Methvlcvclohexane  
Concen: 17.030 ug/l  
RT: 7.46 min Scan# 1035  
Delta R.T. -0.00 min  
Lab File: VX007544.D  
Acq: 14 Feb 2019 14:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0215WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 71.9  | 56.2  | 84.2  |
| 98      | 47.3  | 36.8  | 55.2  |

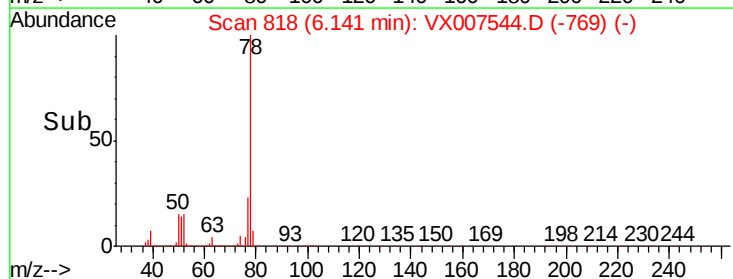
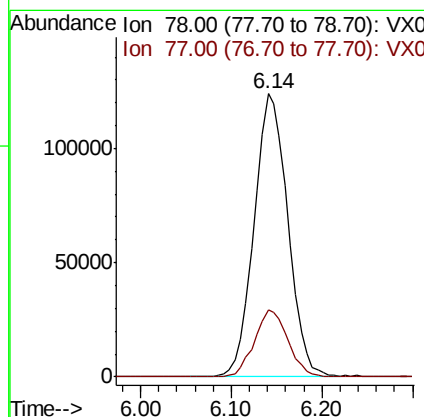
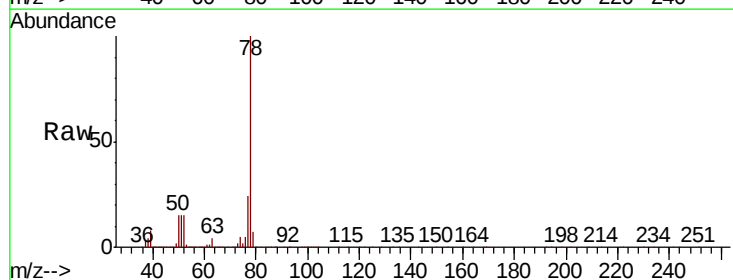
Manual Integrations  
APPROVED

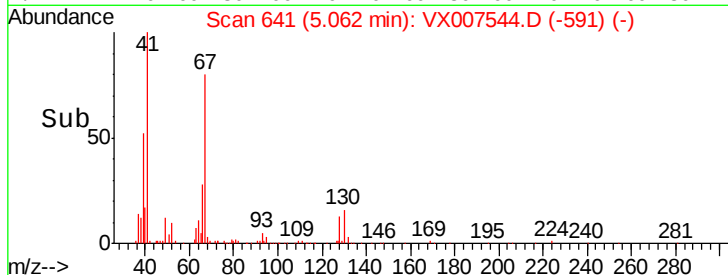
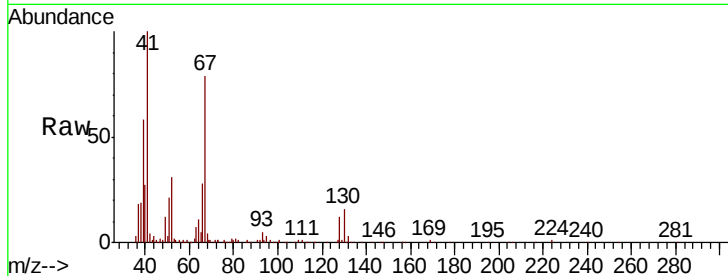
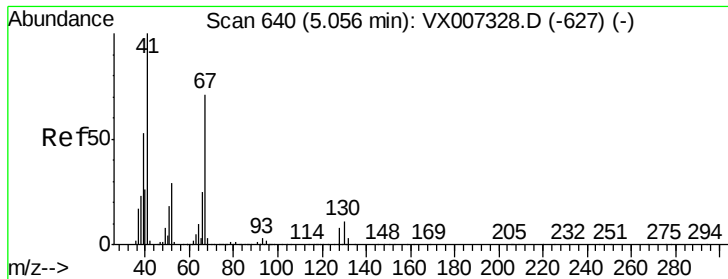
MMDadoda  
2/15/2019 10:10:15 AM



#40  
Benzene  
Concen: 18.529 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. -0.00 min  
Lab File: VX007544.D  
Acq: 14 Feb 2019 14:35

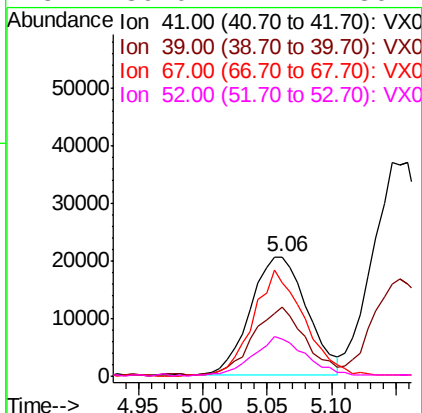
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.8  | 19.3  | 28.9  |





#41  
Methacrylonitrile  
Concen: 19.697 ug/l  
RT: 5.06 min Scan# 641  
Delta R.T. 0.01 min  
Lab File: VX007544.D  
Acq: 14 Feb 2019 14:35

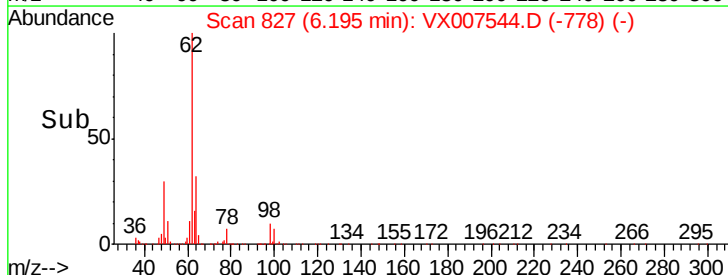
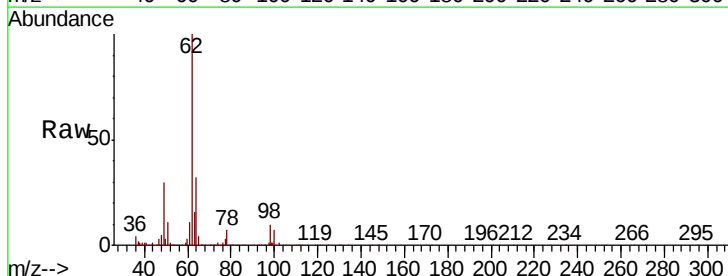
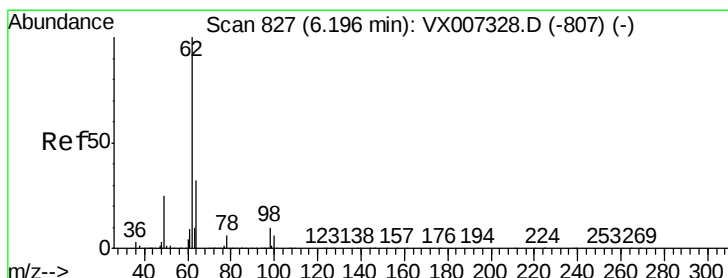
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 53.0  | 44.5  | 66.7  |
| 67      | 81.9  | 60.4  | 90.6  |
| 52      | 30.0  | 24.1  | 36.1  |



Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0215WBSD01

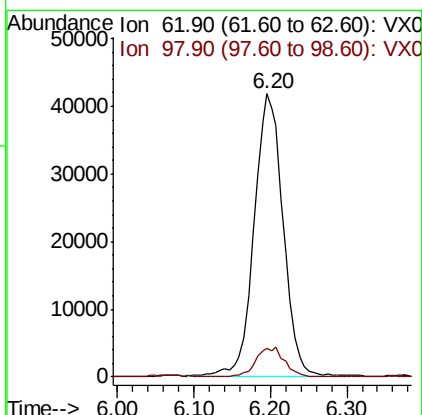
Manual Integrations  
APPROVED

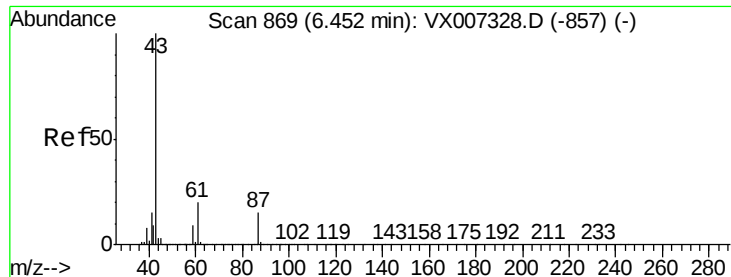
MMDadoda  
2/15/2019 10:10:15 AM



#42  
1,2-Dichloroethane  
Concen: 18.657 ug/l  
RT: 6.20 min Scan# 827  
Delta R.T. -0.00 min  
Lab File: VX007544.D  
Acq: 14 Feb 2019 14:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 10.1  | 0.0   | 19.0  |





#43

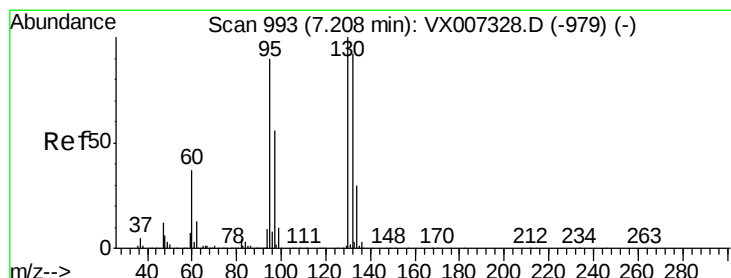
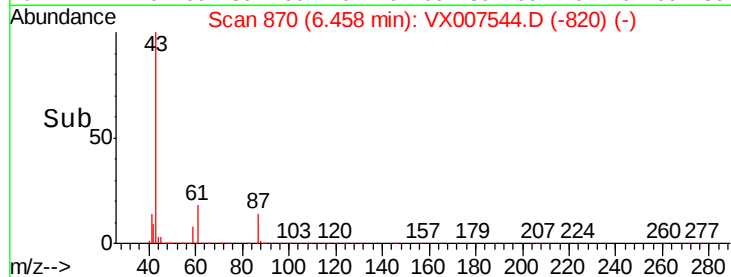
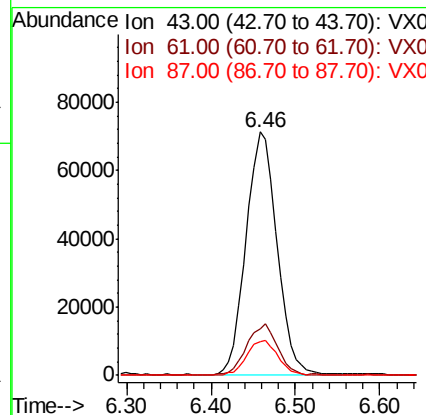
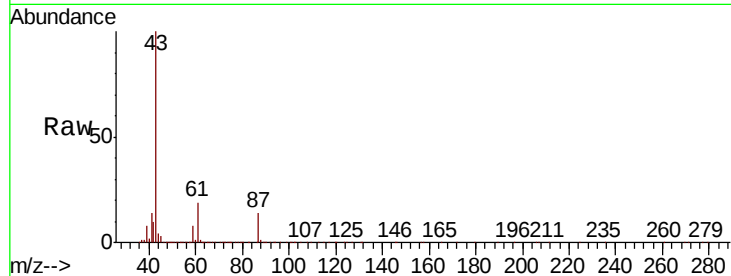
Isopropyl Acetate  
 Concen: 19.566 ug/l  
 RT: 6.46 min Scan# 870  
 Delta R.T. 0.01 min  
 Lab File: VX007544.D  
 Acq: 14 Feb 2019 14:35

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0215WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 20.9  | 16.1  | 24.1  |
| 87      | 14.4  | 11.5  | 17.3  |

Manual Integrations  
 APPROVED

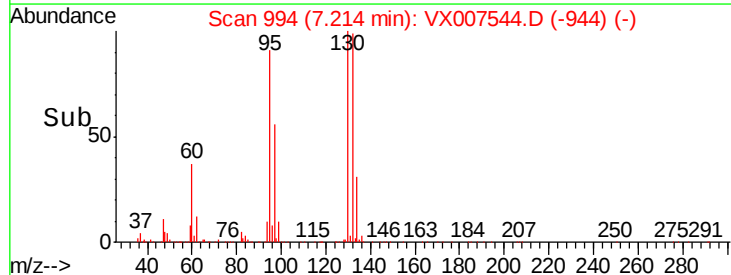
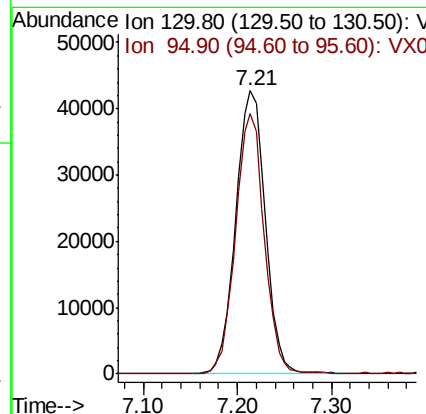
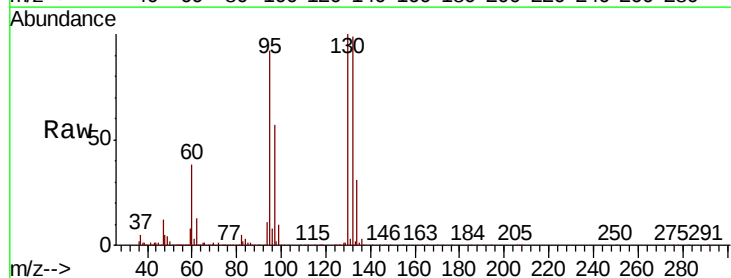
MMDadoda  
 2/15/2019 10:10:15 AM

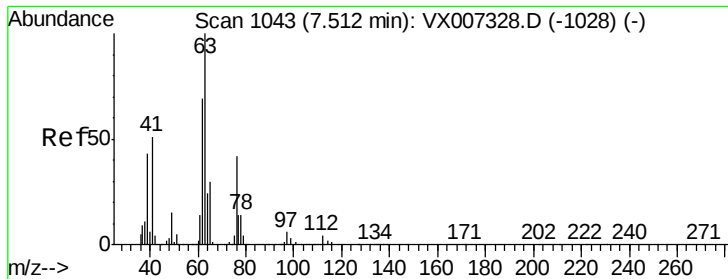


#44

Trichloroethene  
 Concen: 17.986 ug/l  
 RT: 7.21 min Scan# 994  
 Delta R.T. 0.01 min  
 Lab File: VX007544.D  
 Acq: 14 Feb 2019 14:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 91.6  | 0.0   | 180.0 |





#45

1,2-Dichloropropane

Concen: 19.100 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA\_X

ClientSampleId :

VX0215WBSD01

Tot Ion: 63 Resp: 82459

Ion Ratio Lower Upper

63 100

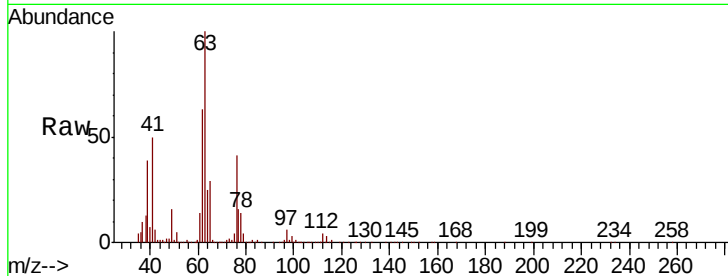
65 28.2 24.2 36.2

Manual Integrations

APPROVED

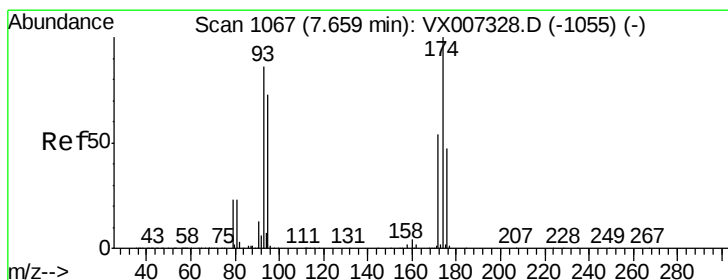
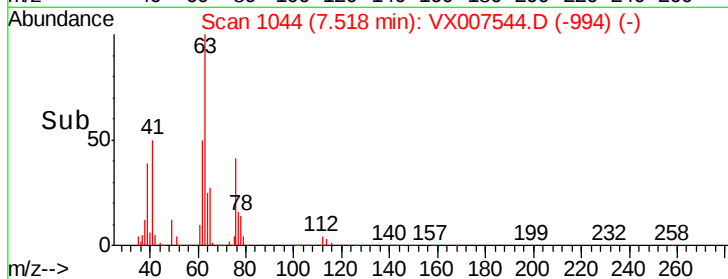
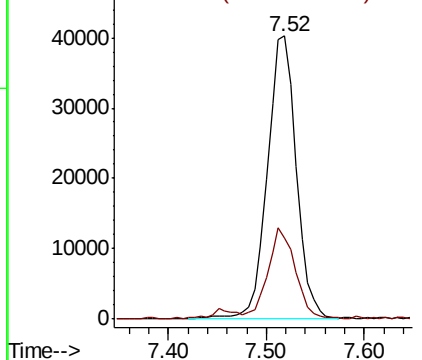
MMDadoda

2/15/2019 10:10:15 AM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.260 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

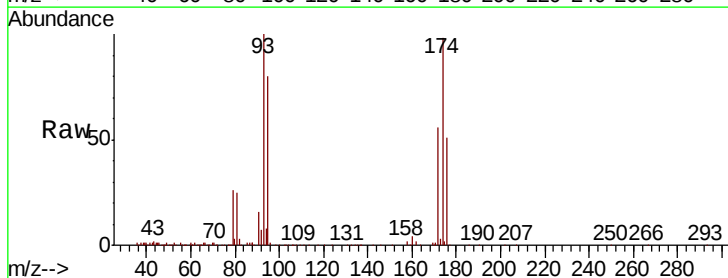
Tgt Ion: 93 Resp: 57293

Ion Ratio Lower Upper

93 100

95 83.4 67.6 101.4

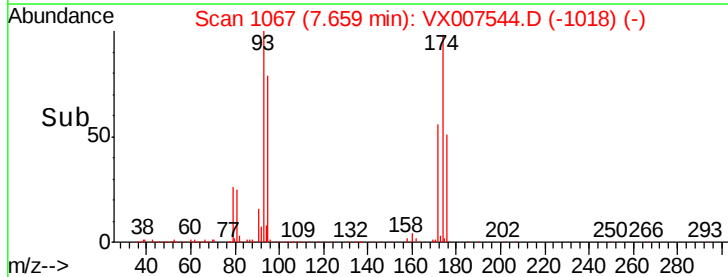
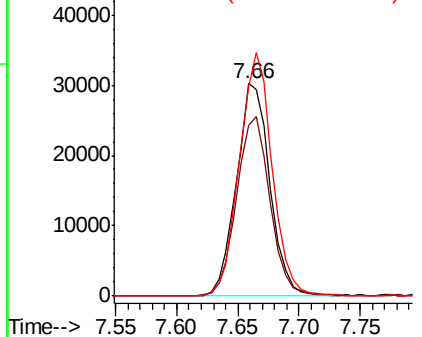
174 113.0 94.2 141.4

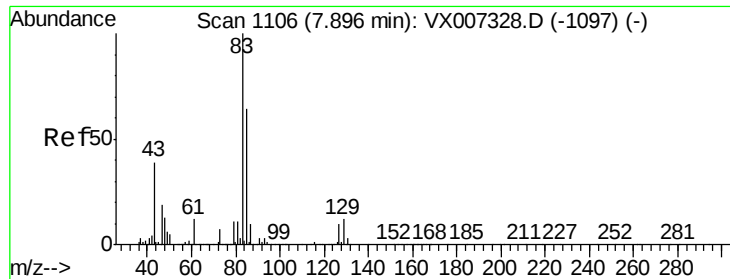


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.815 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA\_X

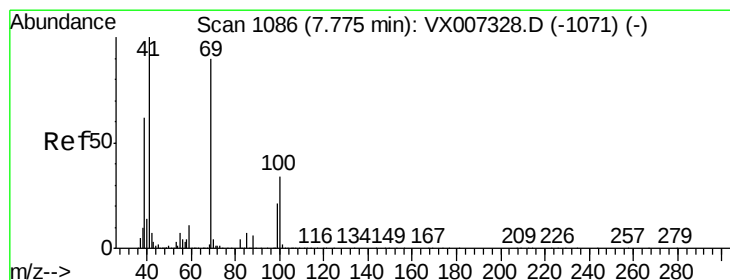
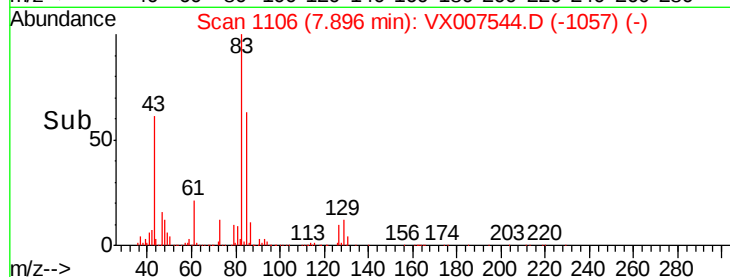
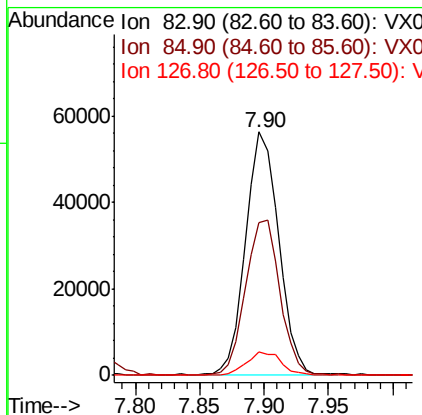
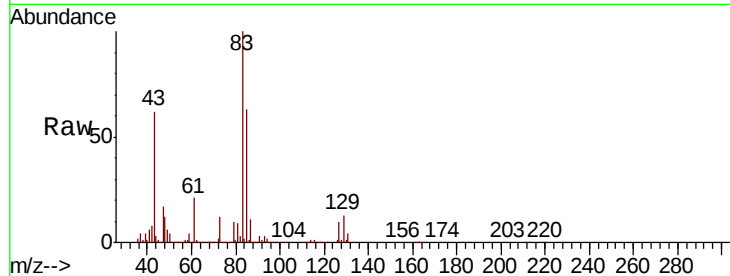
ClientSampleId :

VX0215WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 100051 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 62.9  | 51.4  | 77.0   |
| 127       | 9.8   | 8.1   | 12.1   |

Manual Integrations  
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MMDadoda  
2/15/2019 10:10:15 AM



#48

Methyl methacrylate

Concen: 20.277 ug/l

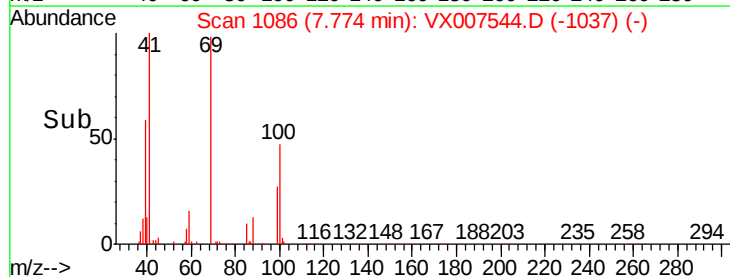
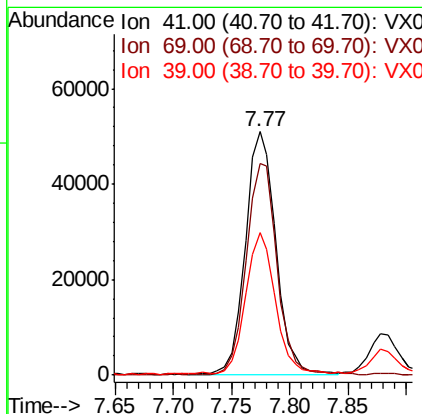
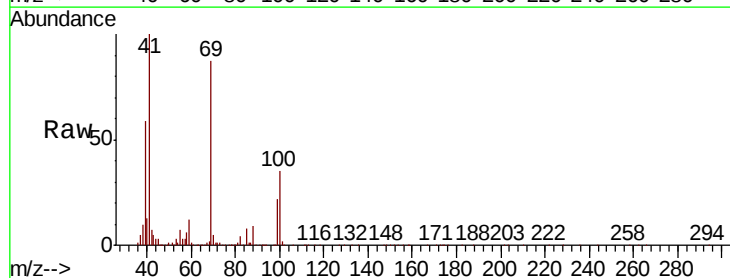
RT: 7.77 min Scan# 1086

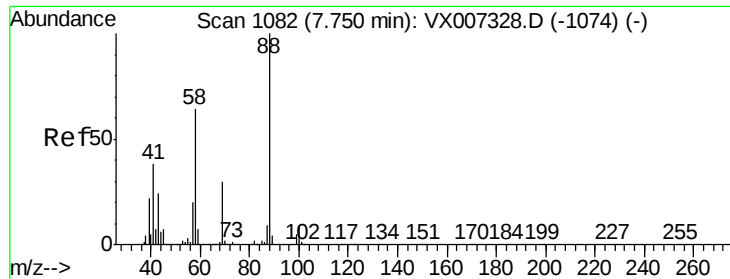
Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 92567 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 69        | 88.5  | 70.2  | 105.4 |
| 39        | 56.3  | 47.4  | 71.0  |





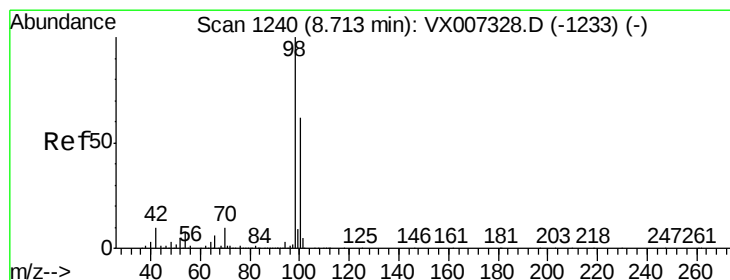
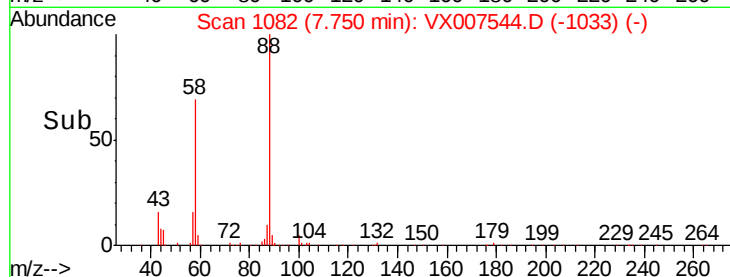
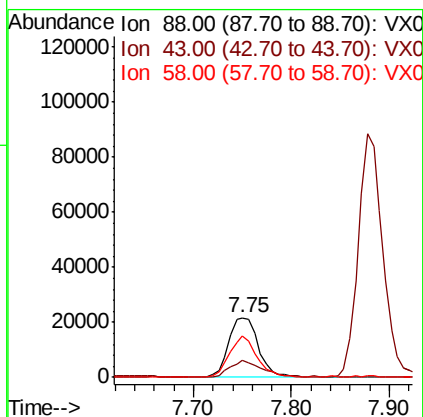
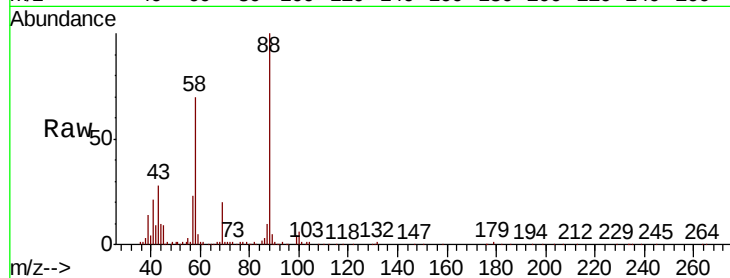
#49  
1,4-Dioxane  
Concen: 444.552 ug/l  
RT: 7.75 min Scan# 1082  
Delta R.T. 0.00 min  
Lab File: VX007544.D  
Acq: 14 Feb 2019 14:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0215WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 29.8  | 24.2  | 36.4  |
| 58      | 64.9  | 53.0  | 79.4  |

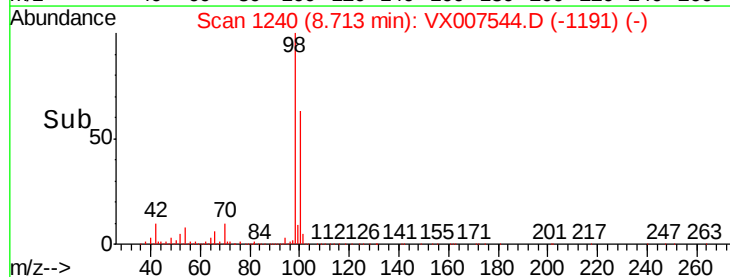
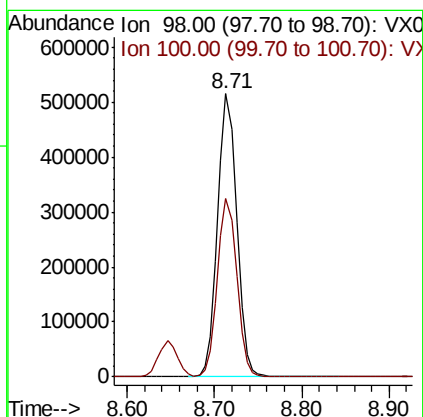
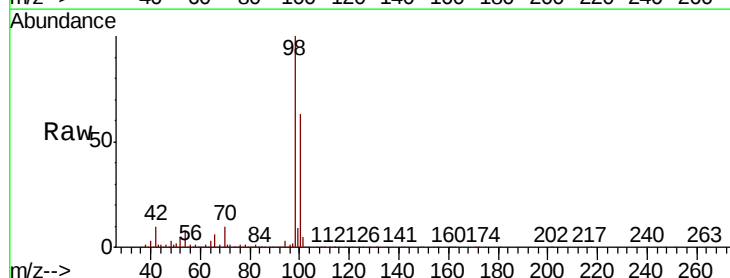
Manual Integrations  
APPROVED

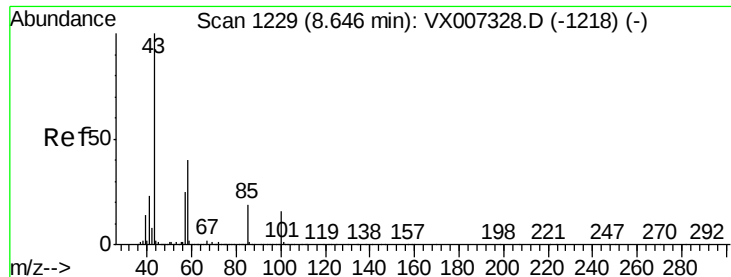
MMDadoda  
2/15/2019 10:10:15 AM



#50  
Toluene-d8  
Concen: 49.763 ug/l  
RT: 8.71 min Scan# 1240  
Delta R.T. -0.00 min  
Lab File: VX007544.D  
Acq: 14 Feb 2019 14:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 64.1  | 51.6  | 77.4  |





#51

4-Methyl-2-Pentanone

Concen: 102.126 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA\_X

ClientSampleId :

VX0215WBSD01

Tot Ion: 43 Resp: 613593

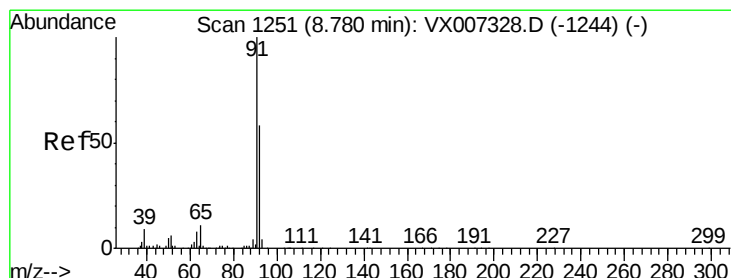
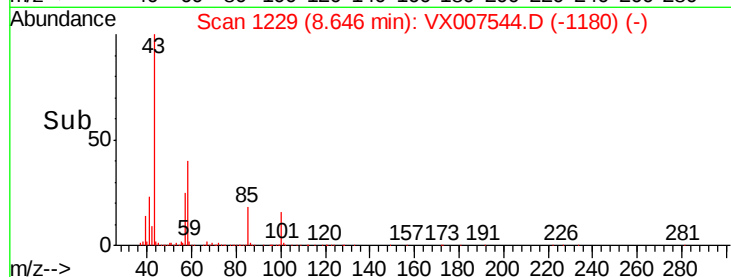
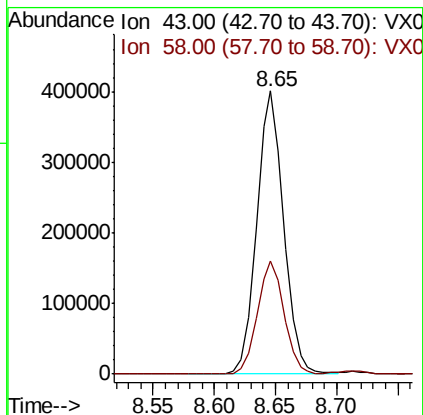
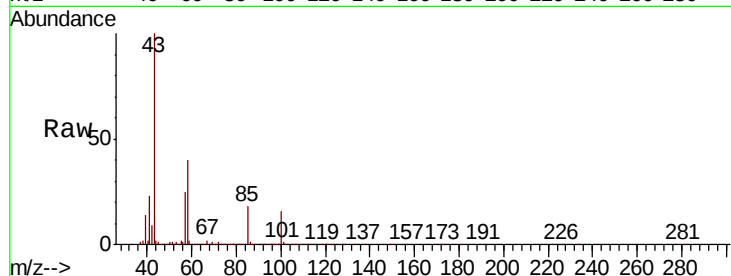
Ion Ratio Lower Upper

43 100

58 39.7 31.2 46.8

Manual Integrations  
APPROVED

MMDadoda  
2/15/2019 10:10:15 AM



#52

Toluene

Concen: 18.325 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007544.D

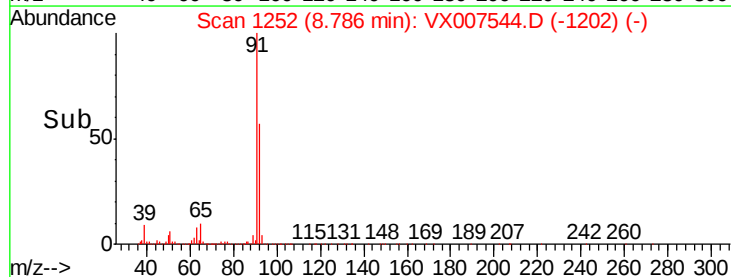
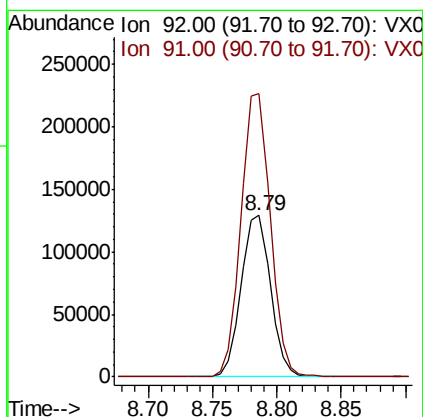
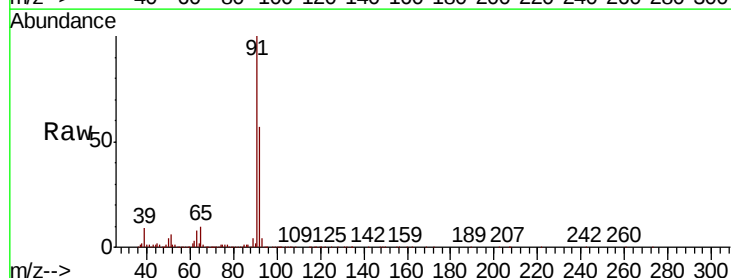
Acq: 14 Feb 2019 14:35

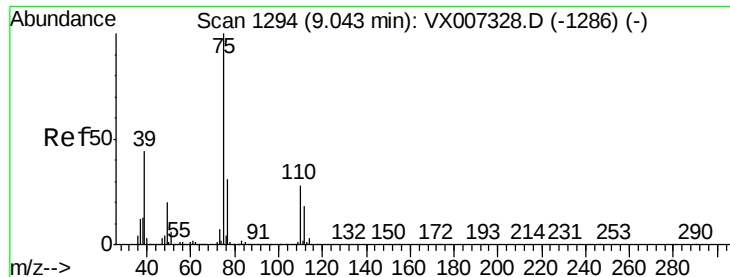
Tgt Ion: 92 Resp: 203721

Ion Ratio Lower Upper

92 100

91 176.2 139.1 208.7





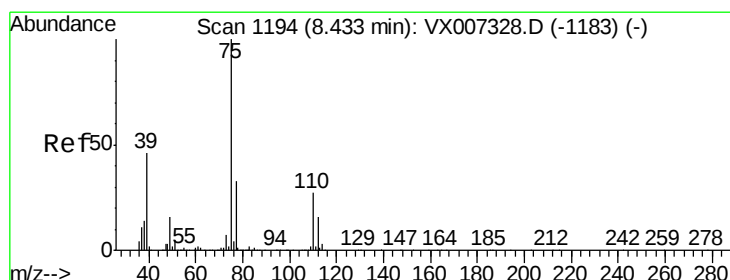
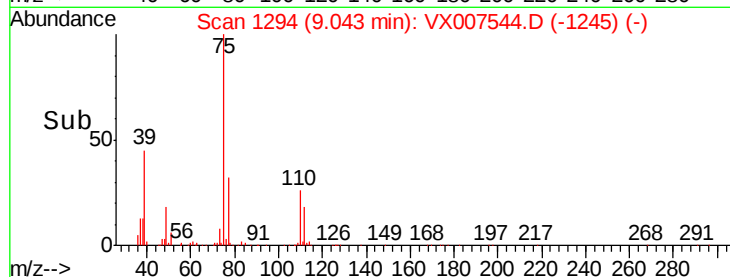
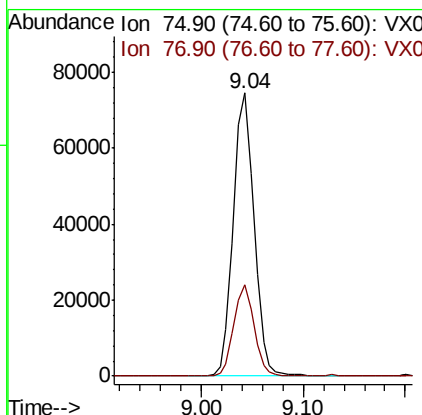
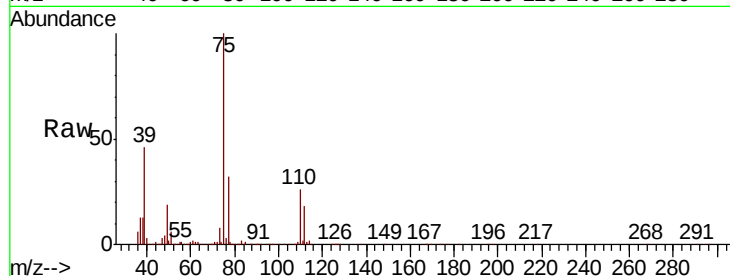
#53  
t-1,3-Dichloropropene  
Concen: 18.344 ug/l  
RT: 9.04 min Scan# 1294  
Delta R.T. -0.00 min  
Lab File: VX007544.D  
Acq: 14 Feb 2019 14:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0215WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 32.0  | 25.2  | 37.8  |

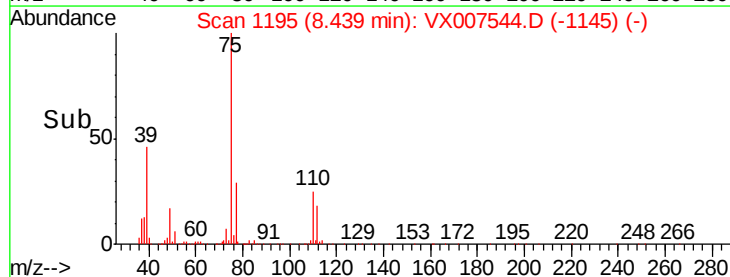
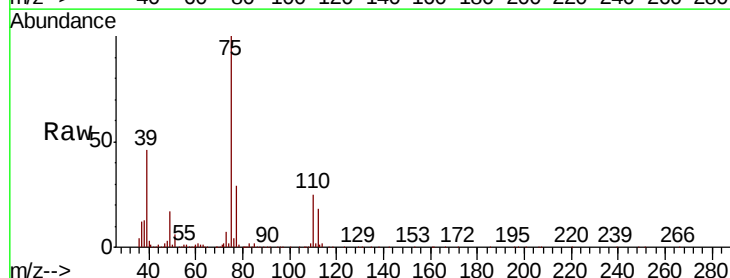
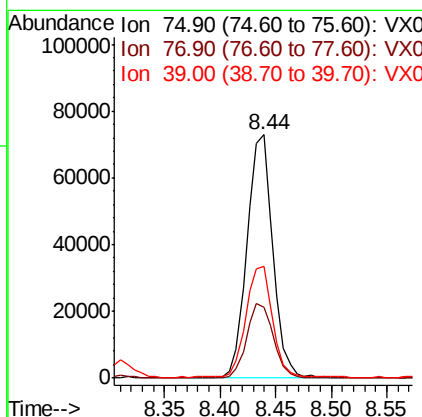
Manual Integrations  
APPROVED

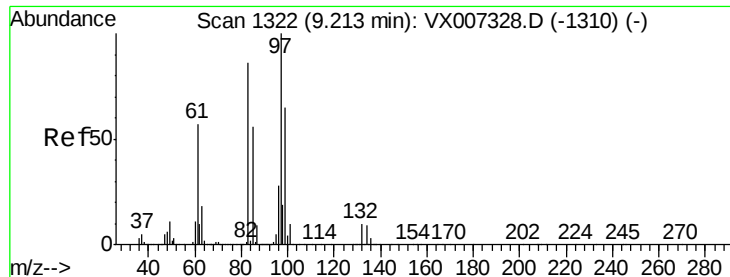
MMDadoda  
2/15/2019 10:10:15 AM



#54  
cis-1,3-Dichloropropene  
Concen: 18.607 ug/l  
RT: 8.44 min Scan# 1195  
Delta R.T. 0.01 min  
Lab File: VX007544.D  
Acq: 14 Feb 2019 14:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 29.1  | 26.2  | 39.4  |
| 39      | 45.7  | 37.1  | 55.7  |





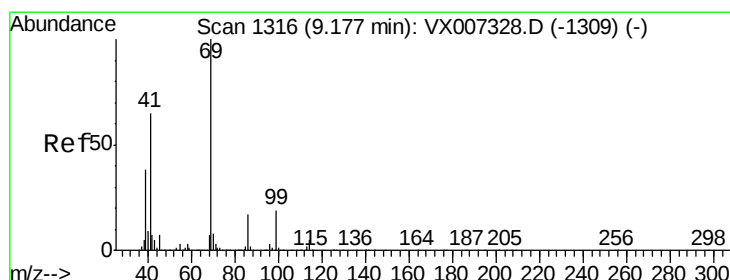
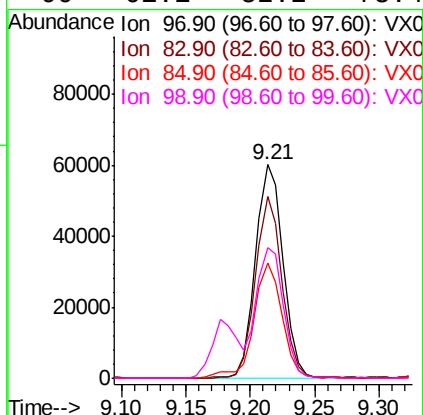
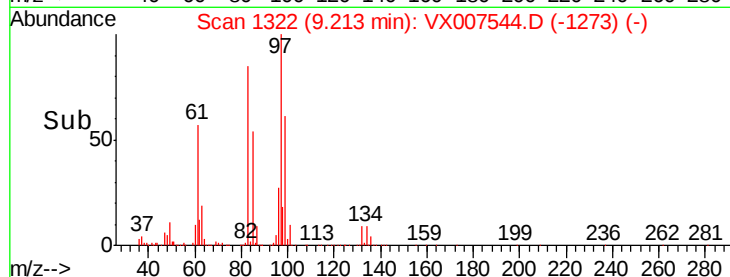
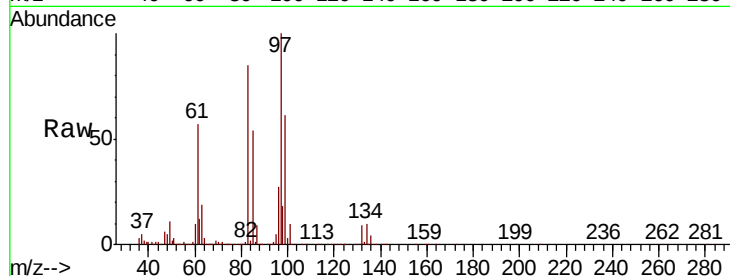
#55  
 1,1,2-Trichloroethane  
 Concen: 19.146 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. -0.00 min  
 Lab File: VX007544.D  
 Acq: 14 Feb 2019 14:35

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0215WBSD01

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 97      | 100  |       | 88722 |       |       |
| 83      | 85.1 | 68.6  | 102.8 |       |       |
| 85      | 53.4 | 44.5  | 66.7  |       |       |
| 99      | 61.1 | 52.2  | 78.4  |       |       |

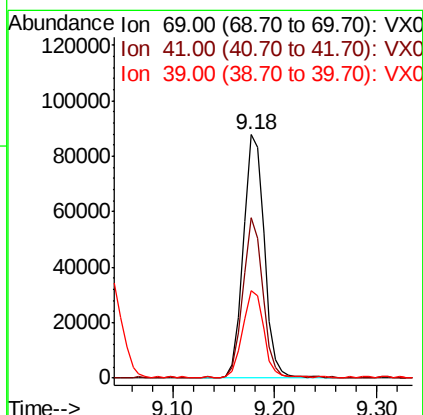
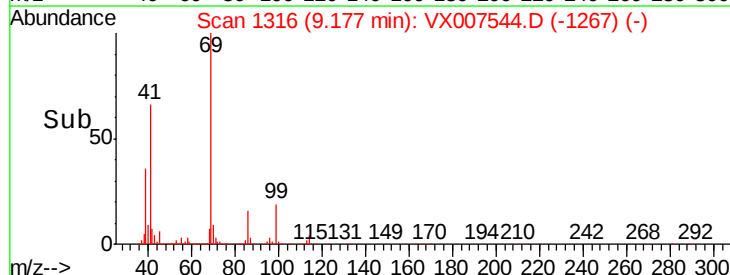
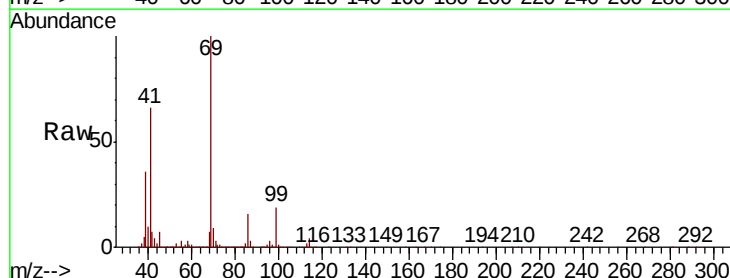
Manual Integrations  
 APPROVED

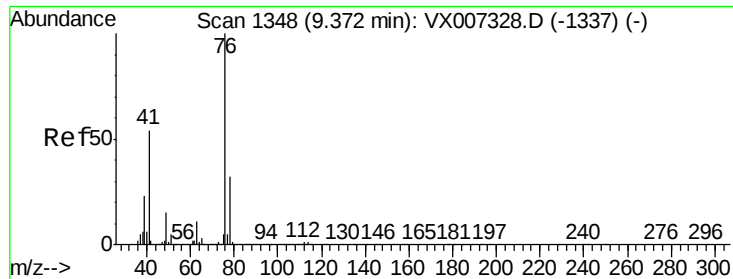
MMDadoda  
 2/15/2019 10:10:15 AM



#56  
 Ethyl methacrylate  
 Concen: 19.371 ug/l  
 RT: 9.18 min Scan# 1316  
 Delta R.T. -0.00 min  
 Lab File: VX007544.D  
 Acq: 14 Feb 2019 14:35

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 69      | 100  |       | 124327 |       |       |
| 41      | 62.9 | 52.1  | 78.1   |       |       |
| 39      | 36.1 | 30.1  | 45.1   |       |       |





#57

1,3-Dichloropropane

Concen: 18.619 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA\_X

ClientSampleId :

VX0215WBSD01

Tot Ion: 76 Resp: 137210

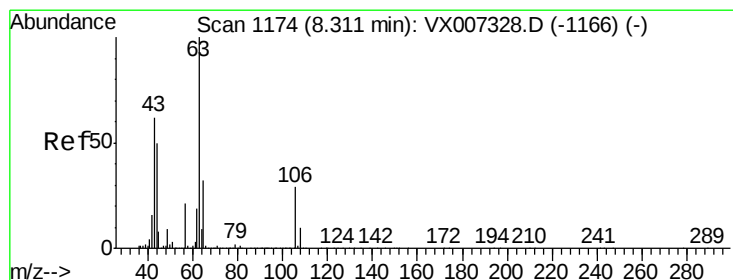
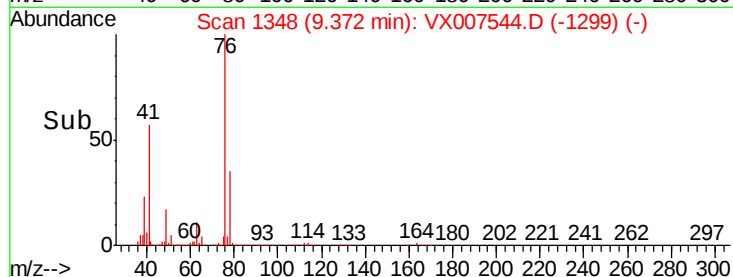
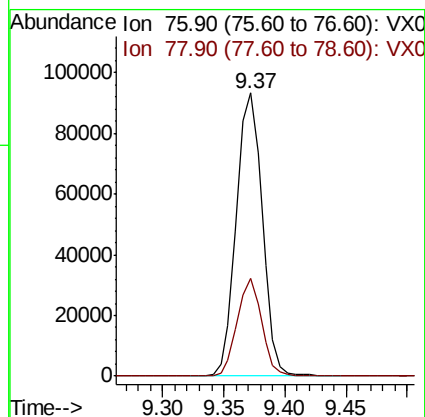
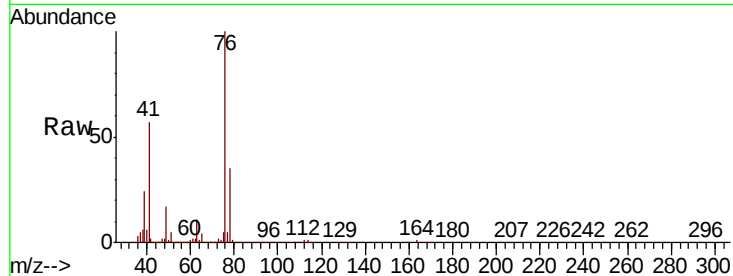
Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8

Manual Integrations  
APPROVED

MMDadoda  
2/15/2019 10:10:15 AM



#58

2-Chloroethyl Vinyl ether

Concen: 103.959 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007544.D

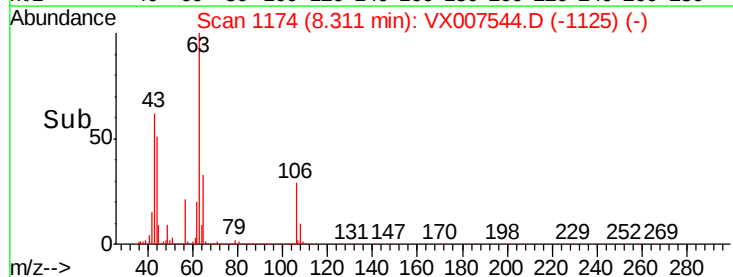
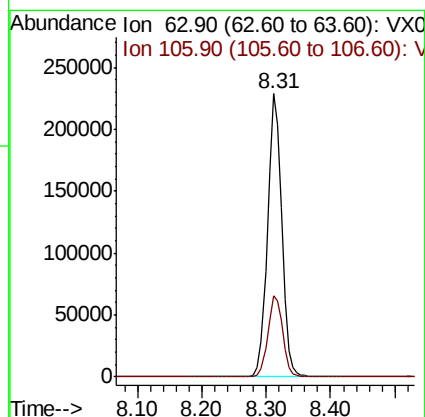
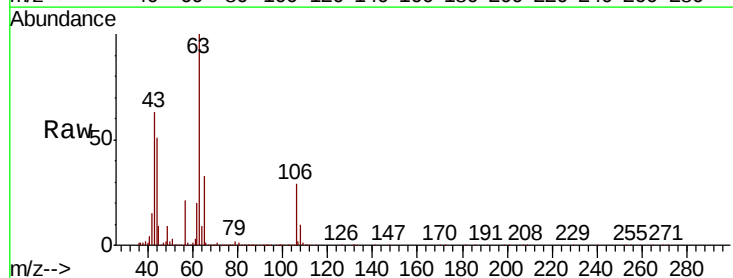
Acq: 14 Feb 2019 14:35

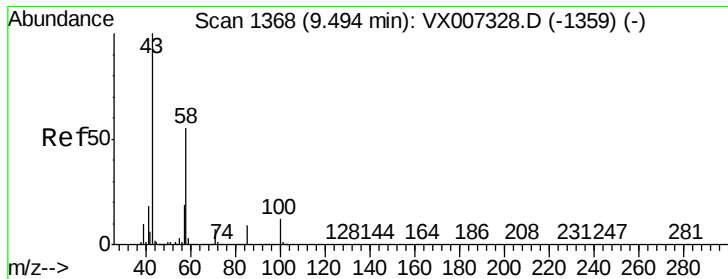
Tgt Ion: 63 Resp: 351681

Ion Ratio Lower Upper

63 100

106 29.8 23.6 35.4





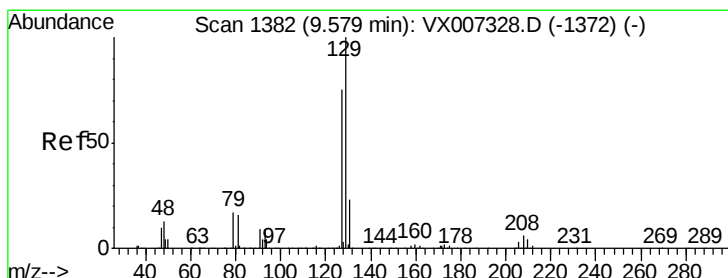
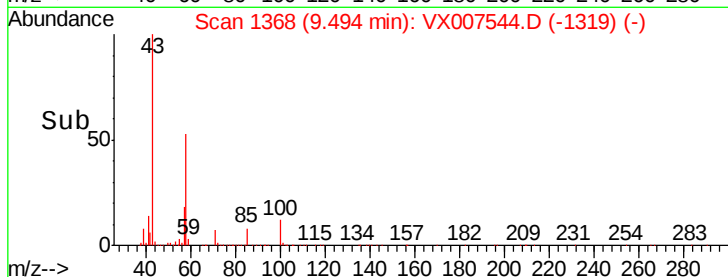
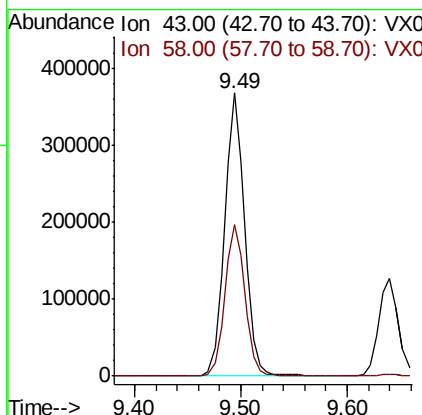
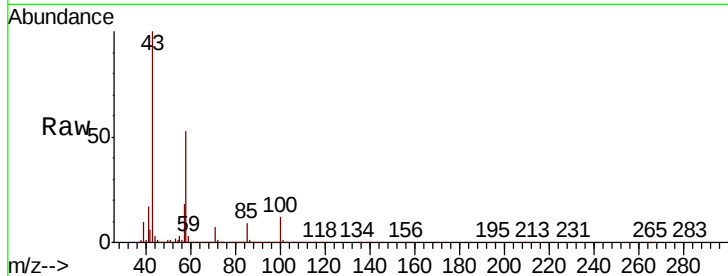
#59  
2-Hexanone  
Concen: 102.903 ug/l  
RT: 9.49 min Scan# 1368  
Delta R.T. -0.00 min  
Lab File: VX007544.D  
Acq: 14 Feb 2019 14:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0215WBSD01

Tot Ion: 43 Resp: 481108  
Ion Ratio Lower Upper  
43 100  
58 54.0 27.1 81.3

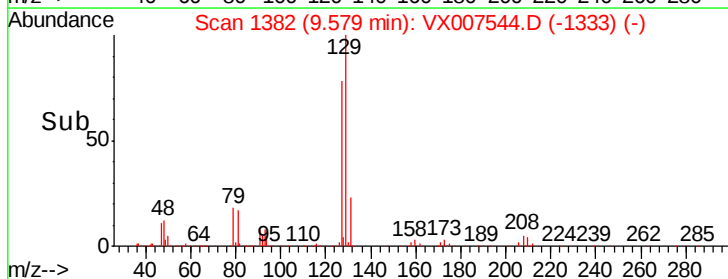
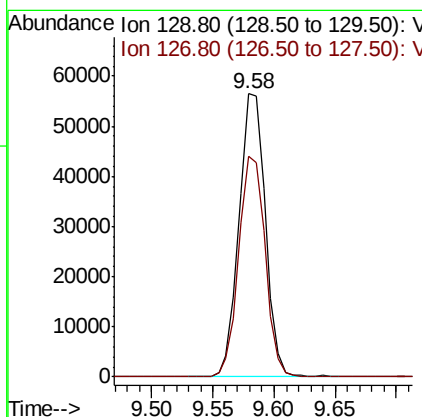
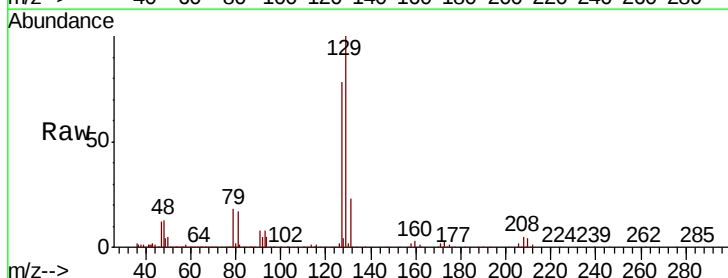
Manual Integrations  
APPROVED

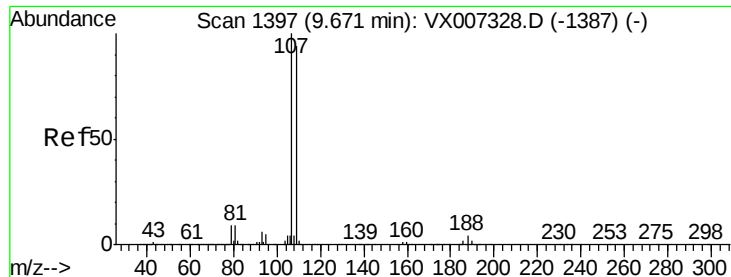
MMDadoda  
2/15/2019 10:10:15 AM



#60  
Dibromochloromethane  
Concen: 19.265 ug/l  
RT: 9.58 min Scan# 1382  
Delta R.T. -0.00 min  
Lab File: VX007544.D  
Acq: 14 Feb 2019 14:35

Tgt Ion: 129 Resp: 84434  
Ion Ratio Lower Upper  
129 100  
127 78.0 37.8 113.4





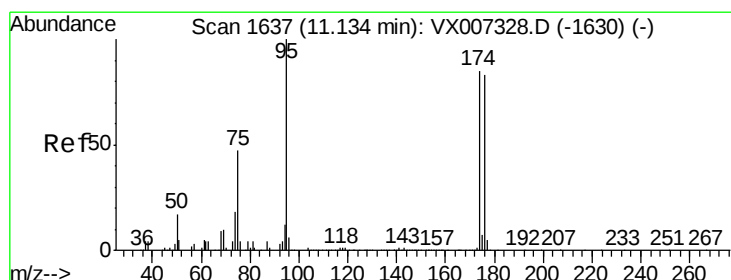
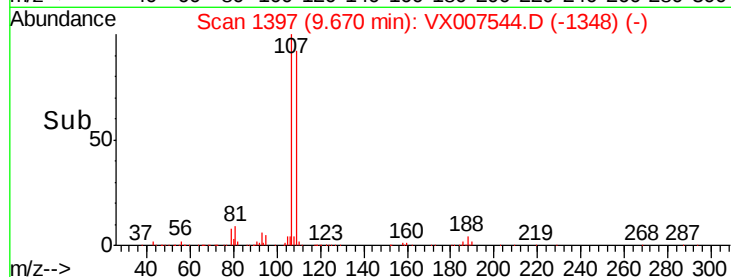
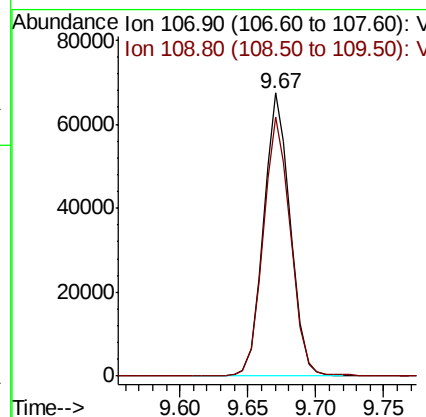
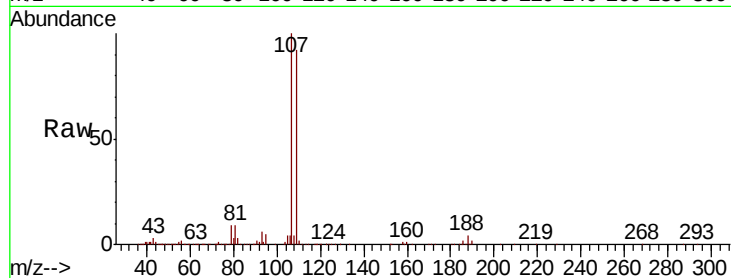
#61  
 1,2-Dibromoethane  
 Concen: 18.926 ug/l  
 RT: 9.67 min Scan# 1397  
 Delta R.T. -0.00 min  
 Lab File: VX007544.D  
 Acq: 14 Feb 2019 14:35

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0215WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 93.9  | 75.1  | 112.7 |

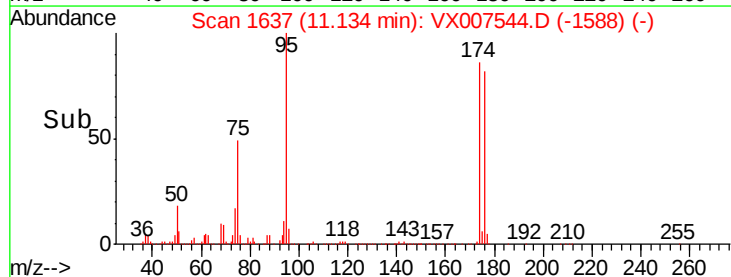
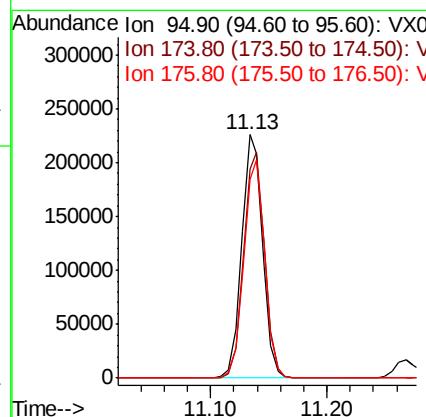
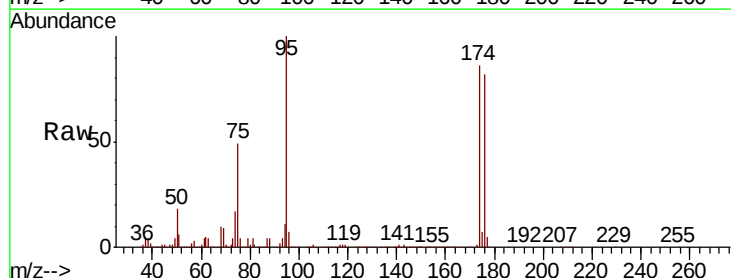
Manual Integrations  
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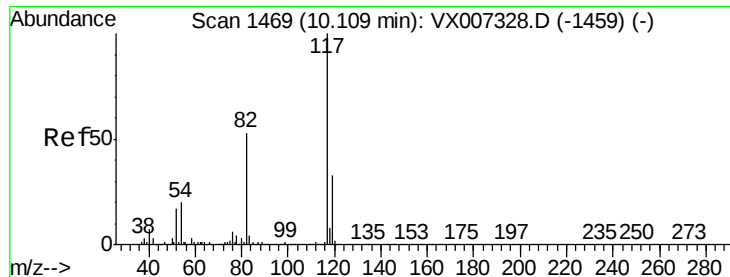
MMDadoda  
 2/15/2019 10:10:15 AM



#62  
 4-Bromofluorobenzene  
 Concen: 48.981 ug/l  
 RT: 11.13 min Scan# 1637  
 Delta R.T. -0.00 min  
 Lab File: VX007544.D  
 Acq: 14 Feb 2019 14:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 93.5  | 0.0   | 189.2 |
| 176     | 90.1  | 0.0   | 186.2 |





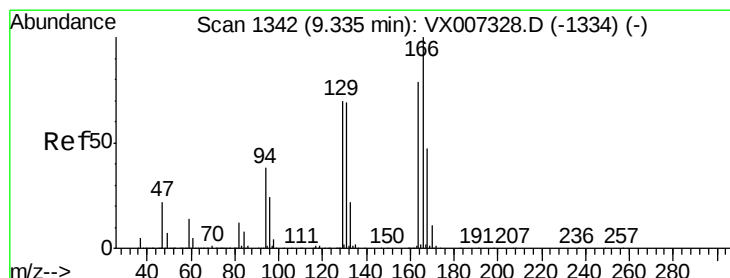
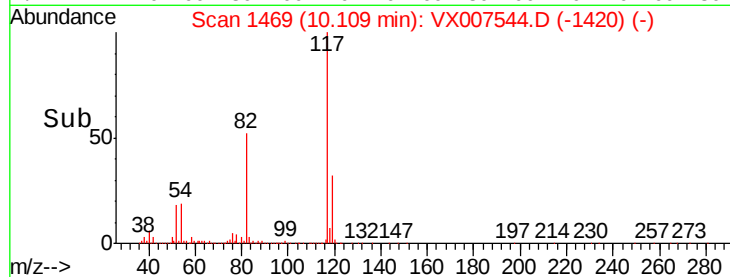
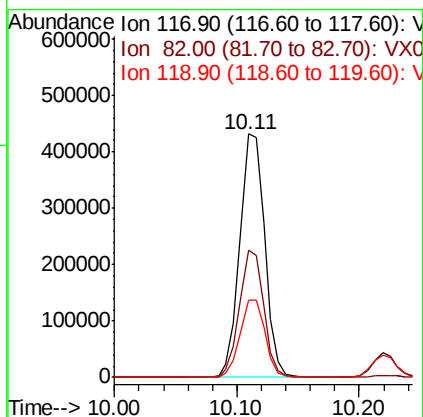
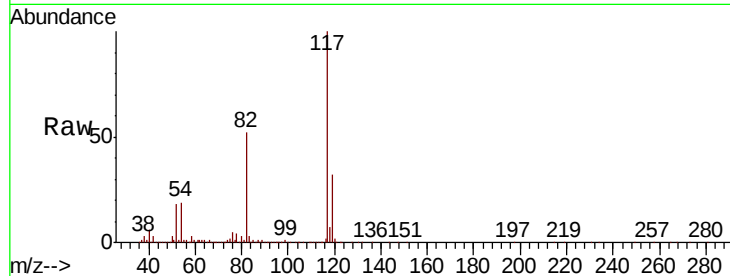
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. -0.00 min  
Lab File: VX007544.D  
Acq: 14 Feb 2019 14:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0215WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 608314 |       |       |
| 82      | 52.1  |        | 42.1  | 63.1  |
| 119     | 31.9  |        | 26.5  | 39.7  |

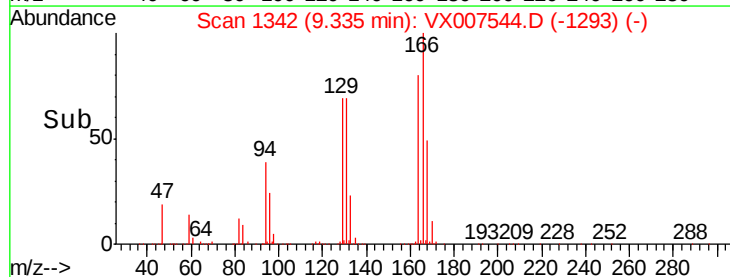
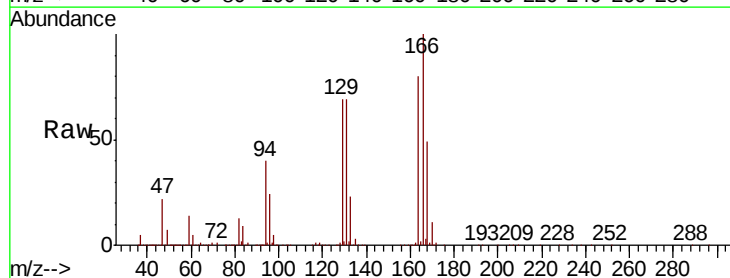
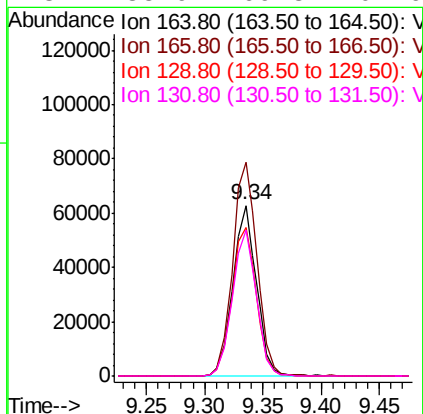
Manual Integrations  
APPROVED

MMDadoda  
2/15/2019 10:10:15 AM



#64  
Tetrachloroethene  
Concen: 15.522 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. -0.00 min  
Lab File: VX007544.D  
Acq: 14 Feb 2019 14:35

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   | 88996 |       |       |
| 166     | 125.2 |       | 101.0 | 151.4 |
| 129     | 86.7  |       | 70.5  | 105.7 |
| 131     | 85.9  |       | 69.8  | 104.6 |





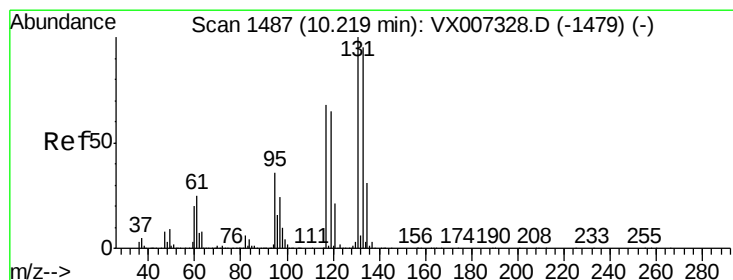
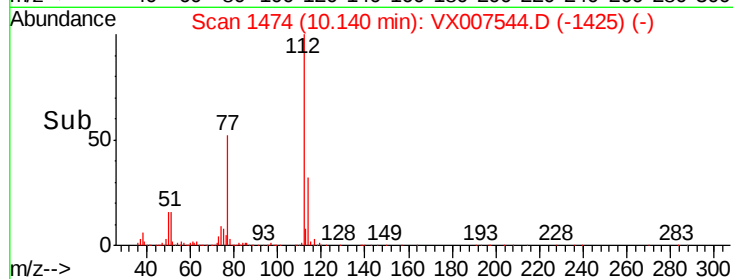
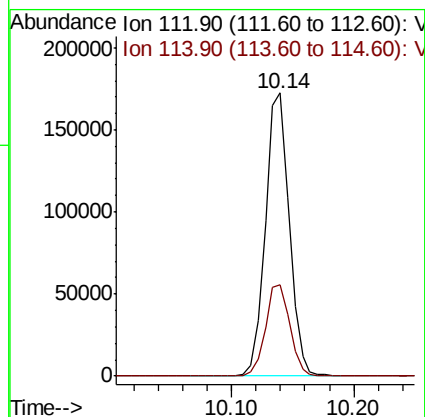
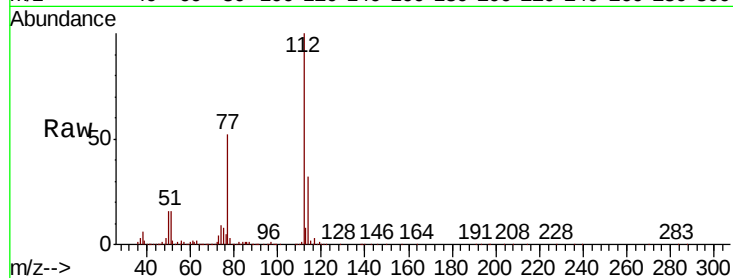
#65  
Chlorobenzene  
Concen: 17.687 ug/l  
RT: 10.14 min Scan# 1474  
Delta R.T. -0.00 min  
Lab File: VX007544.D  
Acq: 14 Feb 2019 14:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0215WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 32.2  | 25.8  | 38.6  |

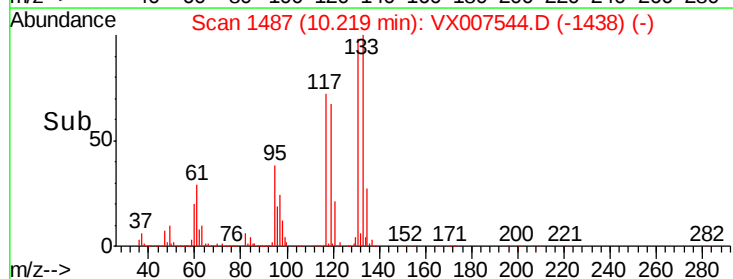
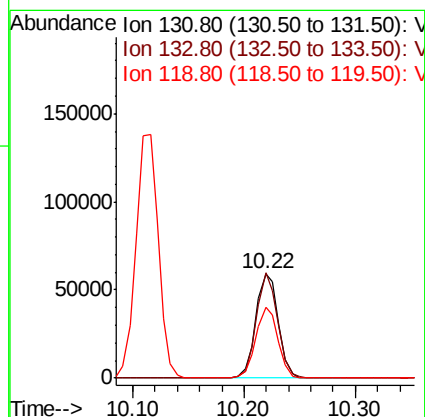
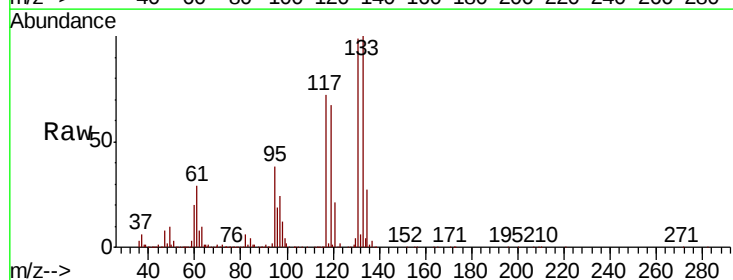
Manual Integrations  
APPROVED

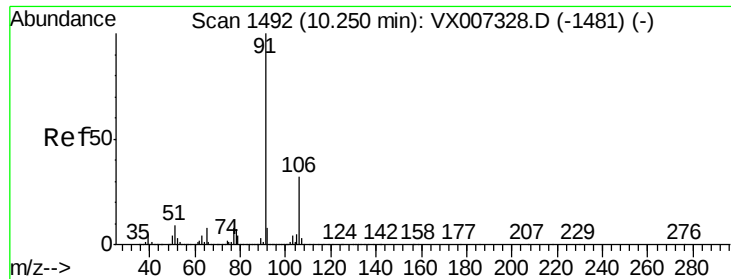
MMDadoda  
2/15/2019 10:10:15 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.679 ug/l  
RT: 10.22 min Scan# 1487  
Delta R.T. -0.00 min  
Lab File: VX007544.D  
Acq: 14 Feb 2019 14:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 95.9  | 48.0  | 144.2 |
| 119     | 67.3  | 32.0  | 96.0  |





#67

Ethyl Benzene

Concen: 17.803 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA\_X

ClientSampleId :

VX0215WBSD01

Tot Ion: 91 Resp: 380582

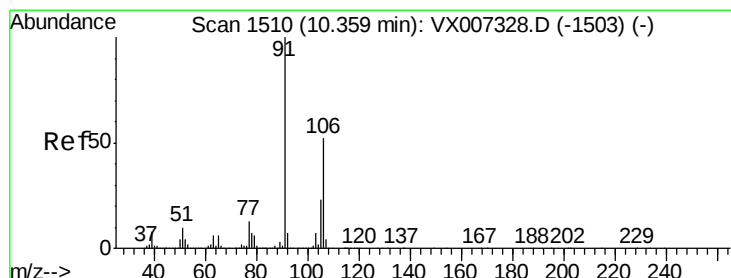
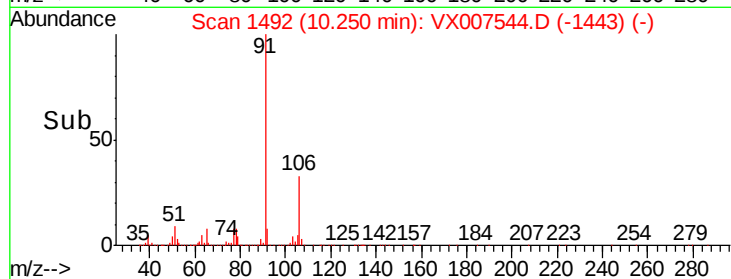
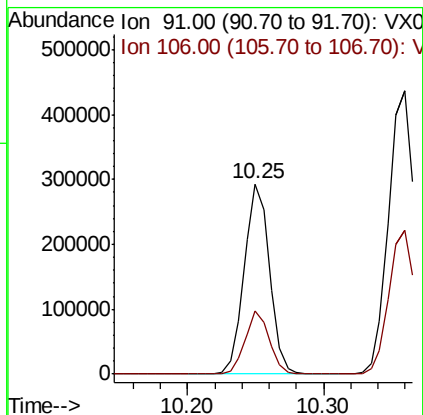
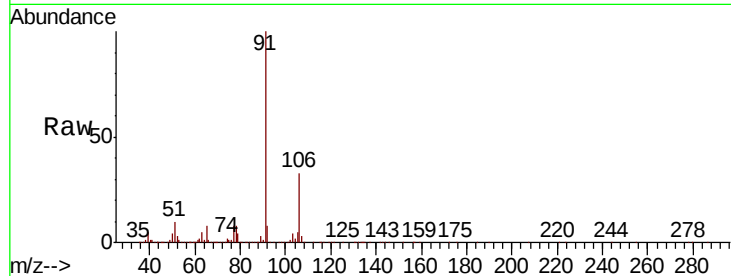
Ion Ratio Lower Upper

91 100

106 33.0 25.4 38.0

Manual Integrations  
APPROVED

MMDadoda  
2/15/2019 10:10:15 AM



#68

m/p-Xylenes

Concen: 35.535 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007544.D

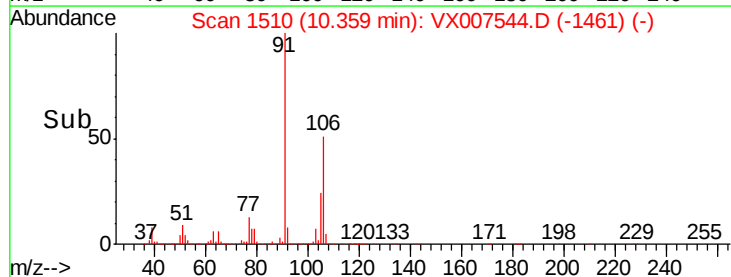
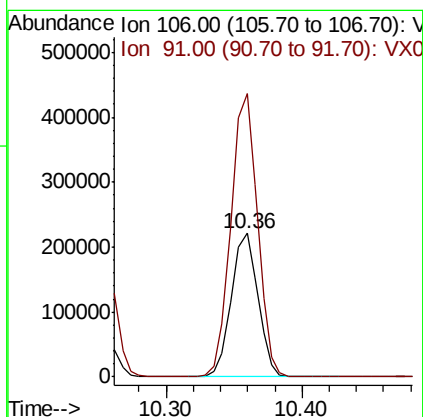
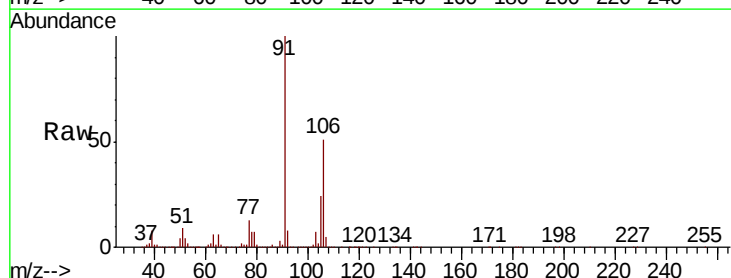
Acq: 14 Feb 2019 14:35

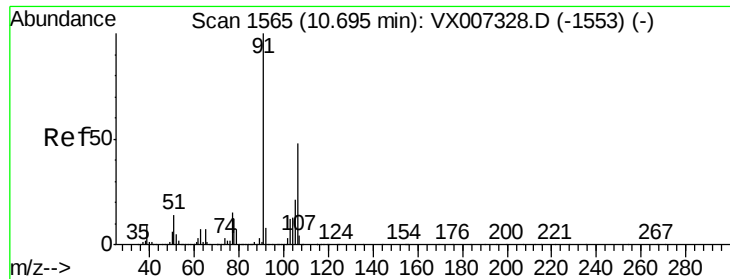
Tgt Ion: 106 Resp: 301963

Ion Ratio Lower Upper

106 100

91 197.3 156.6 234.8





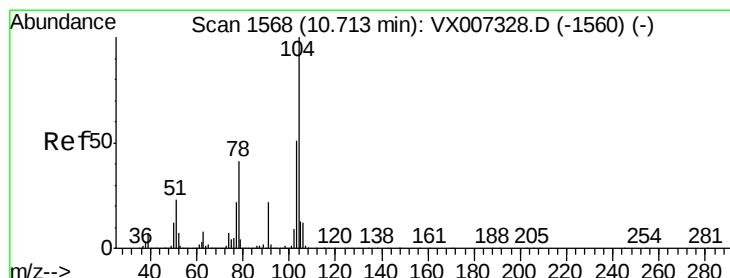
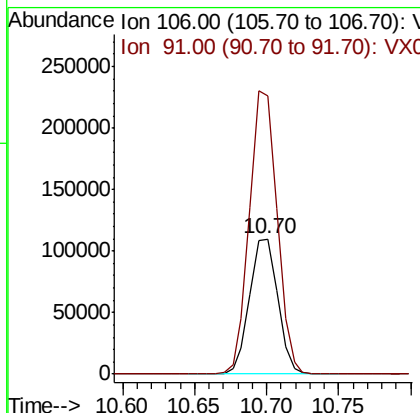
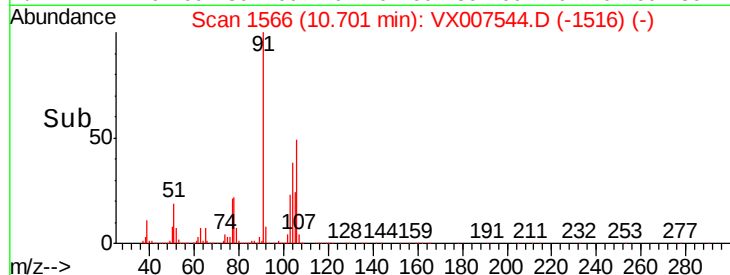
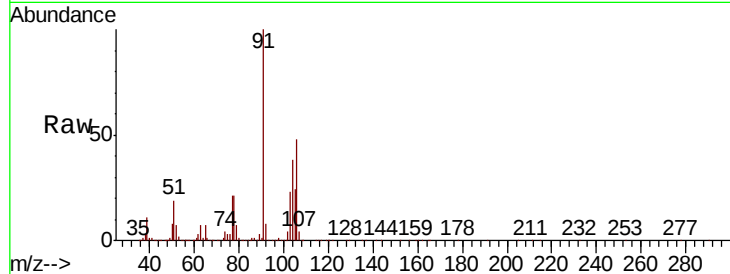
#69  
o-Xylene  
Concen: 18.211 ug/l  
RT: 10.70 min Scan# 1566  
Delta R.T. 0.01 min  
Lab File: VX007544.D  
Acq: 14 Feb 2019 14:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0215WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 206.3 | 102.9 | 308.7 |

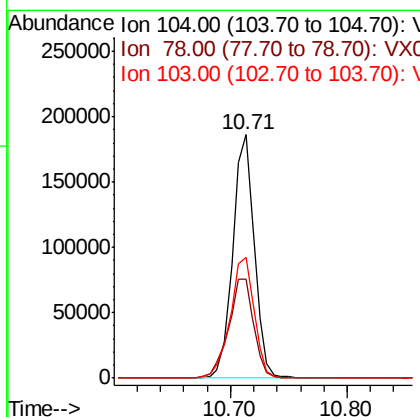
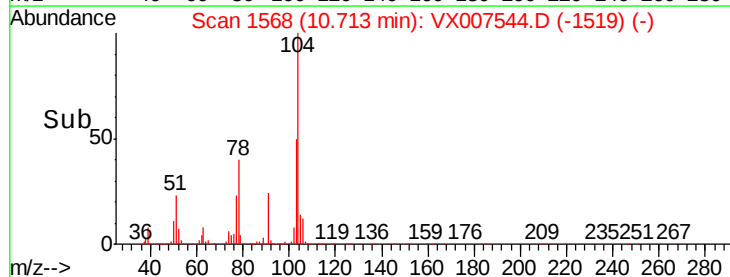
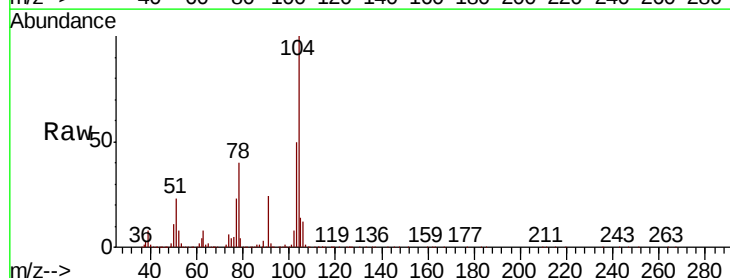
Manual Integrations  
APPROVED

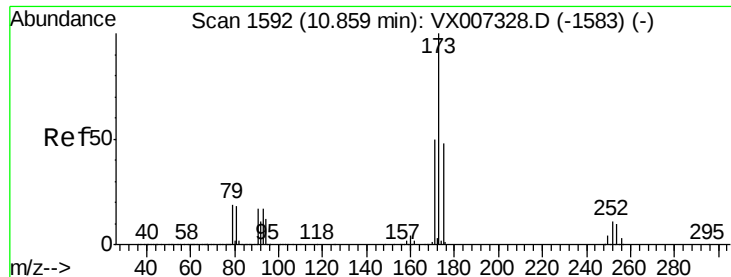
MMDadoda  
2/15/2019 10:10:15 AM



#70  
Styrene  
Concen: 18.156 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VX007544.D  
Acq: 14 Feb 2019 14:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 46.8  | 38.3  | 57.5  |
| 103     | 55.3  | 44.6  | 67.0  |





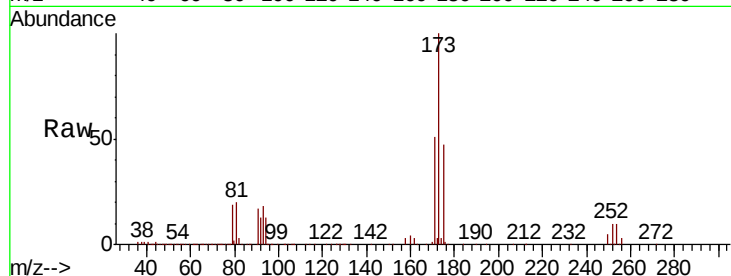
#71  
Bromoform  
Concen: 18.858 ug/l  
RT: 10.86 min Scan# 1592  
Delta R.T. 0.00 min  
Lab File: VX007544.D  
Acq: 14 Feb 2019 14:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0215WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 50.0  | 24.2  | 72.6  |
| 254     | 0.2   | 0.2   | 0.2   |

Manual Integrations  
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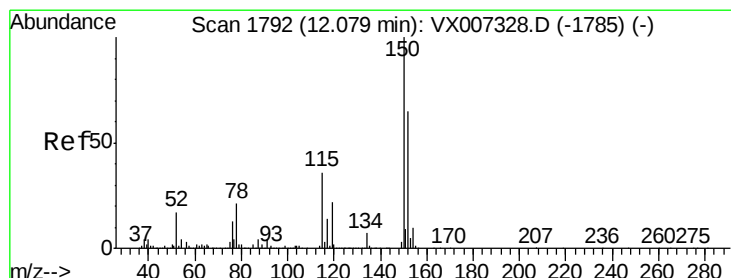
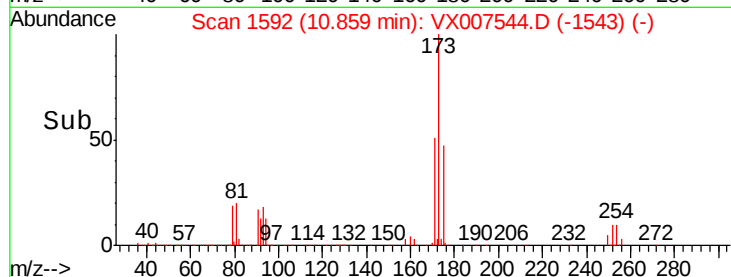
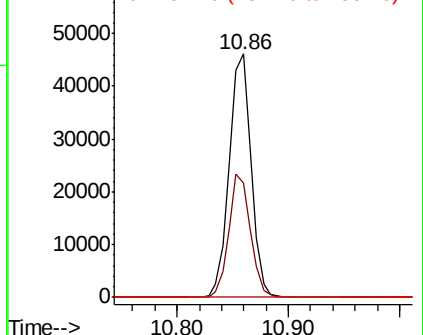


Abundance

Ion 172.70 (172.40 to 173.40): V

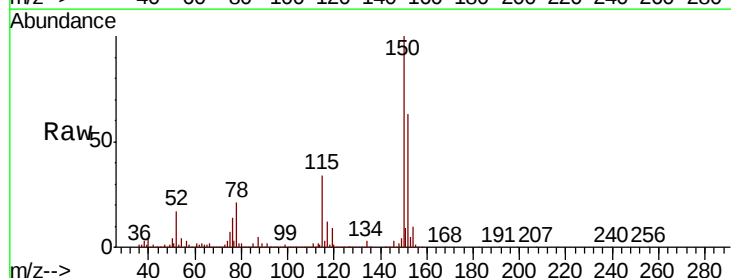
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.08 min Scan# 1792  
Delta R.T. -0.00 min  
Lab File: VX007544.D  
Acq: 14 Feb 2019 14:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 62.7  | 38.0  | 114.0 |
| 150     | 163.2 | 0.0   | 346.4 |

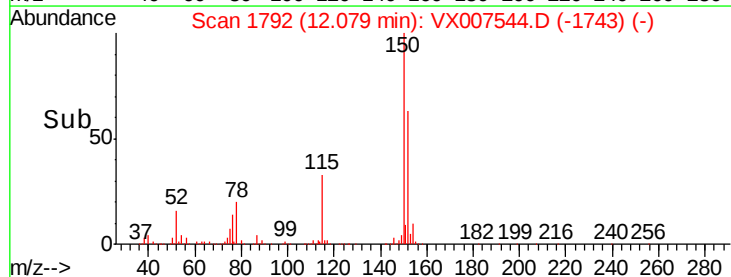
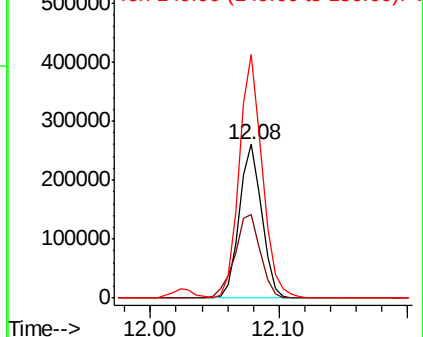


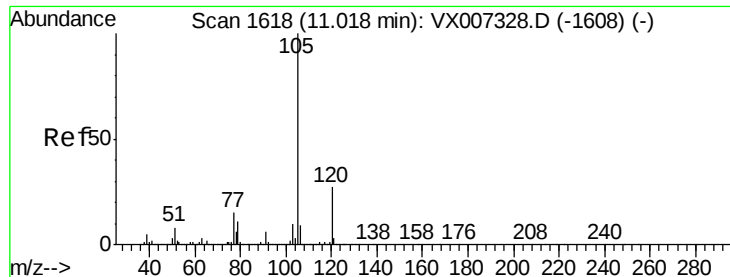
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.592 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA\_X

ClientSampleId :

VX0215WBSD01

Tot Ion: 105 Resp: 395069

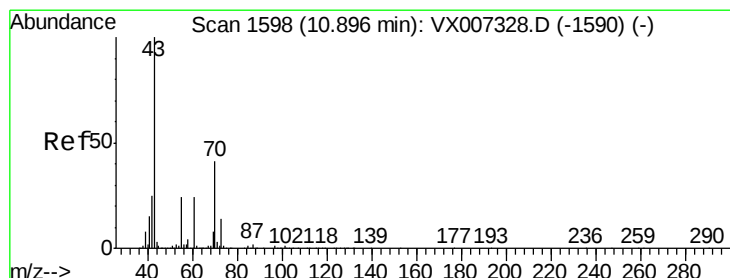
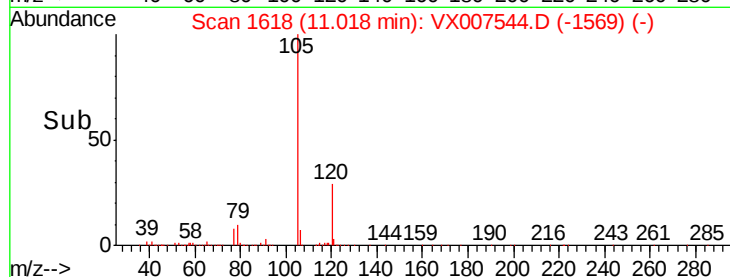
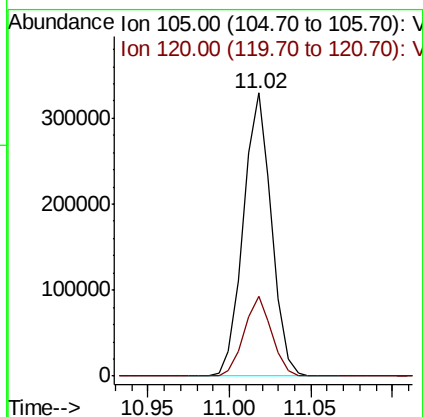
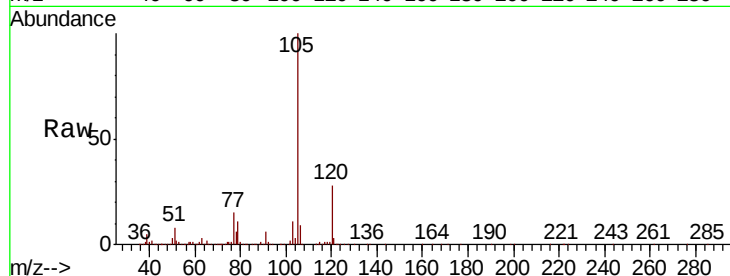
Ion Ratio Lower Upper

105 100

120 27.6 13.6 40.7

Manual Integrations  
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2/15/2019 10:10:15 AM



#74

N-ethyl acetate

Concen: 19.446 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Tgt Ion: 43 Resp: 159828

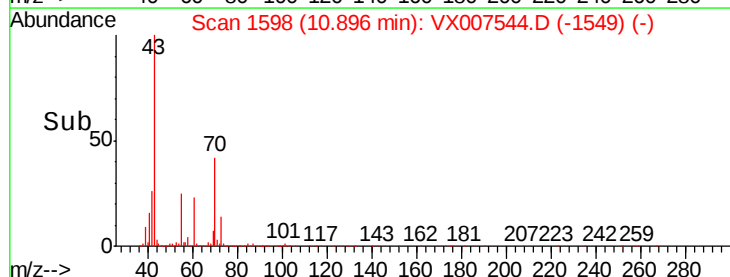
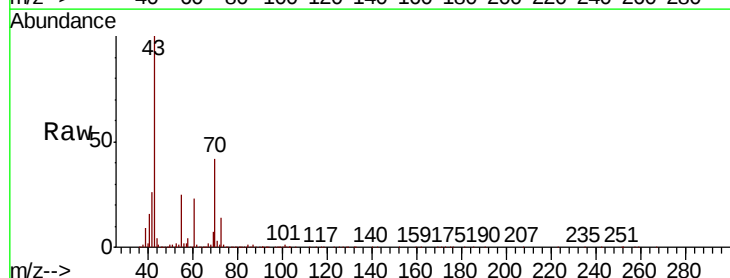
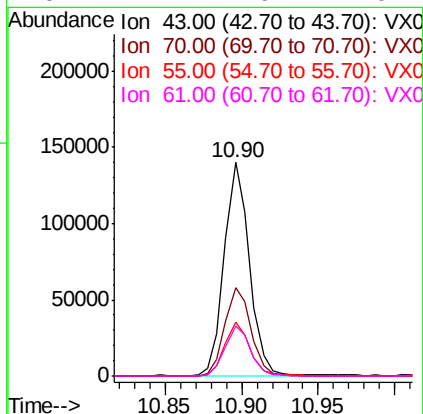
Ion Ratio Lower Upper

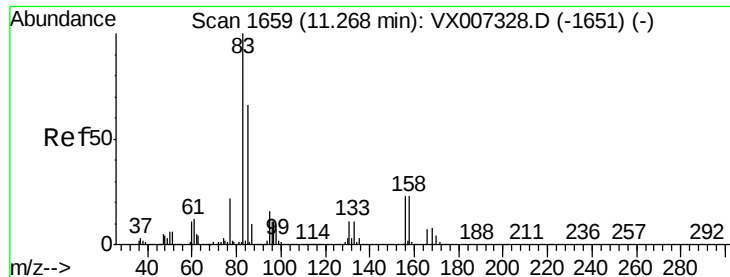
43 100

70 44.2 33.8 50.6

55 25.5 19.5 29.3

61 24.1 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.681 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA\_X

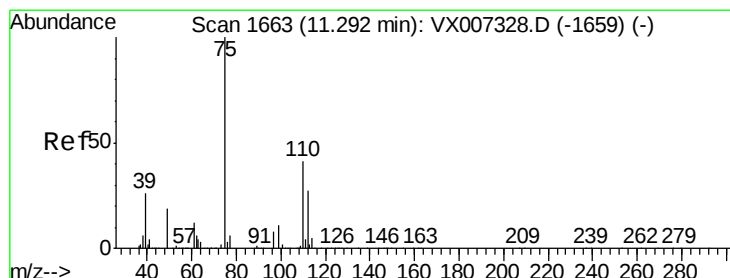
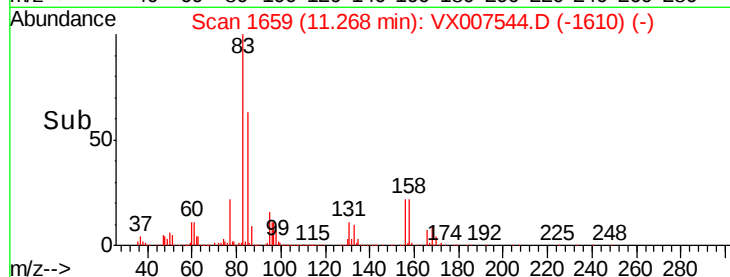
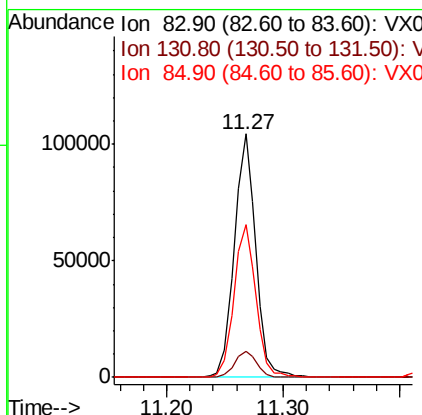
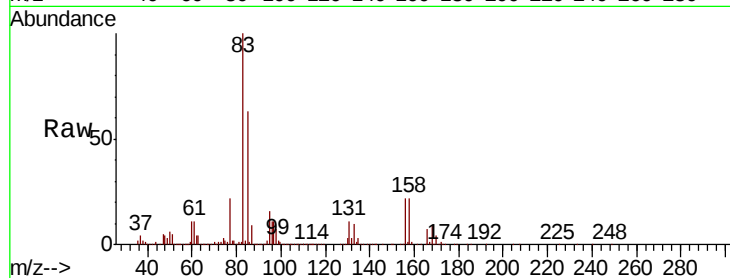
ClientSampleId :

VX0215WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 133931 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 11.1  | 5.7   | 17.0   |
| 85        | 64.4  | 32.8  | 98.3   |

Manual Integrations  
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2/15/2019 10:10:15 AM



#76

1,2,3-Trichloropropane

Concen: 20.211 ug/l m

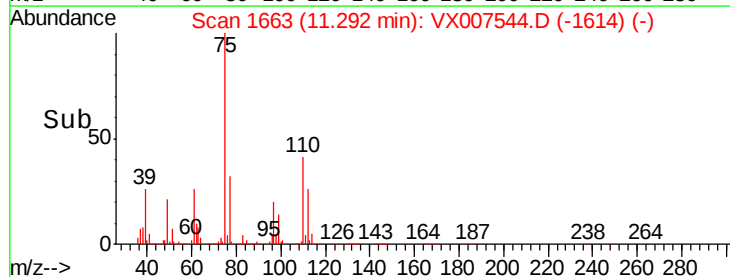
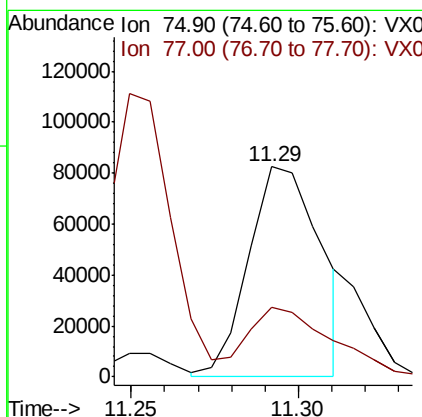
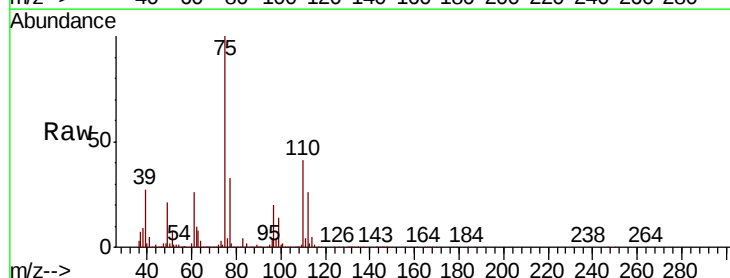
RT: 11.29 min Scan# 1663

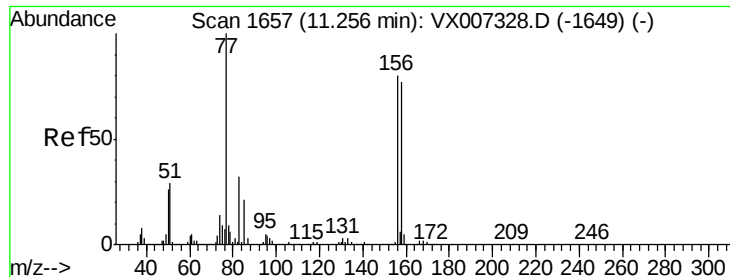
Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 122931 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 39.7  | 23.0  | 69.0   |





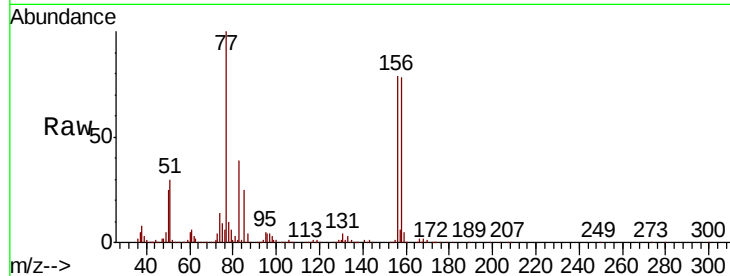
#77  
Bromobenzene  
Concen: 18.215 ug/l  
RT: 11.26 min Scan# 1657  
Delta R.T. -0.00 min  
Lab File: VX007544.D  
Acq: 14 Feb 2019 14:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0215WBSD01

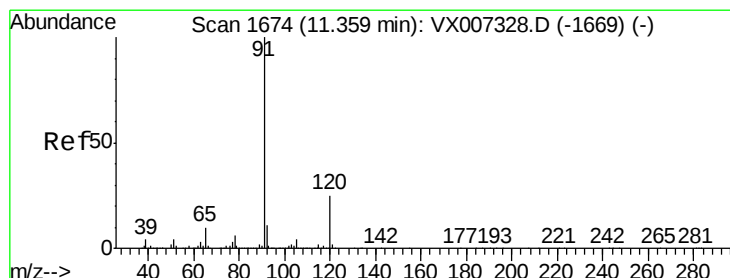
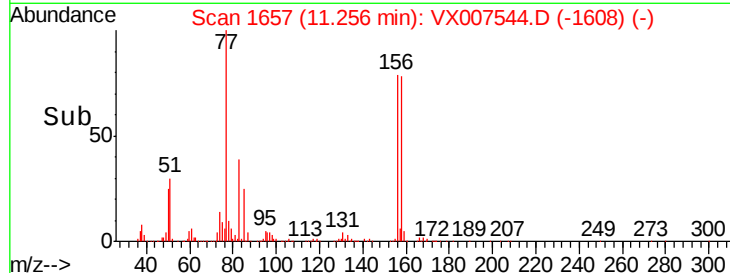
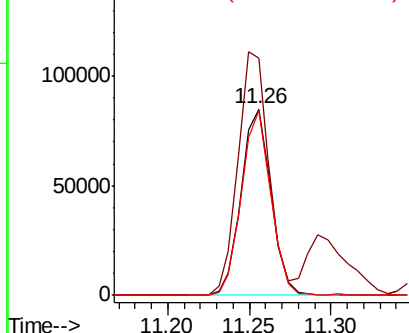
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 133.8 | 66.8  | 200.6 |
| 158     | 97.0  | 47.9  | 143.8 |

Manual Integrations  
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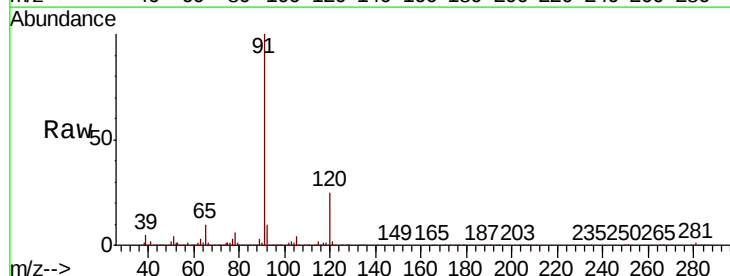


Abundance Ion 155.80 (155.50 to 156.50): V  
Ion 77.00 (76.70 to 77.70): VX0  
Ion 157.80 (157.50 to 158.50): V

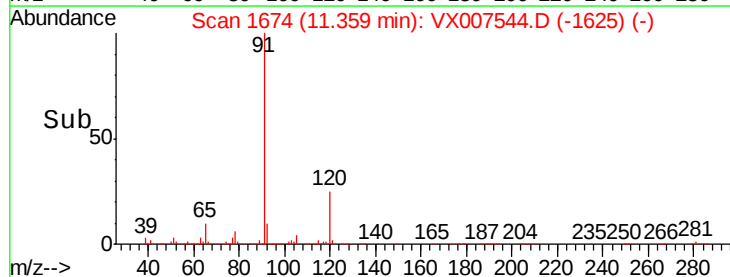
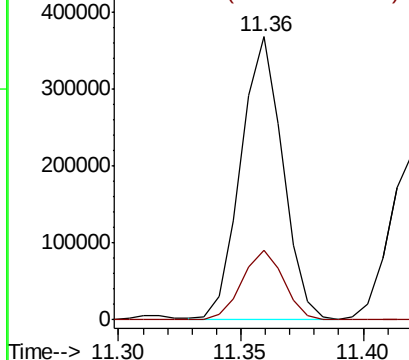


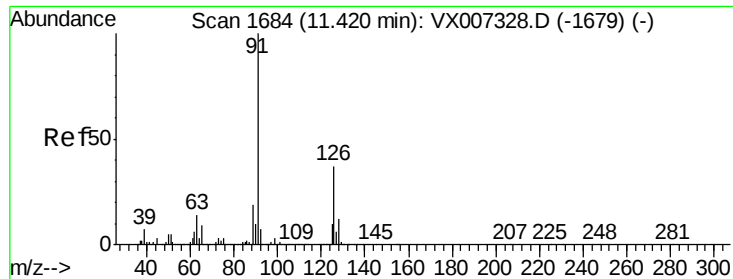
#78  
n-propylbenzene  
Concen: 18.643 ug/l  
RT: 11.36 min Scan# 1674  
Delta R.T. -0.00 min  
Lab File: VX007544.D  
Acq: 14 Feb 2019 14:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 24.9  | 12.4  | 37.2  |



Abundance Ion 91.00 (90.70 to 91.70): VX0  
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.534 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA\_X

ClientSampleId :

VX0215WBSD01

Tot Ion: 91 Resp: 262058

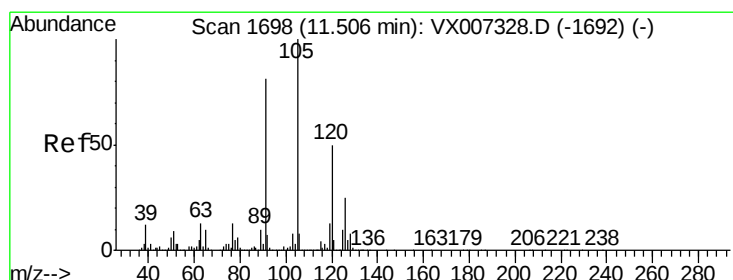
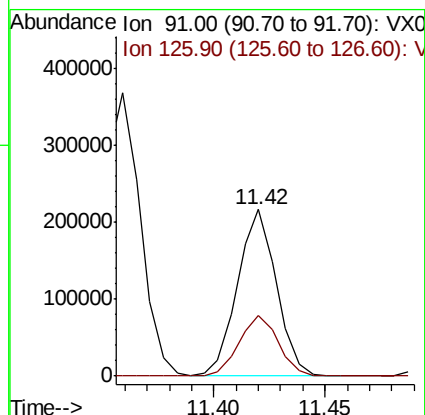
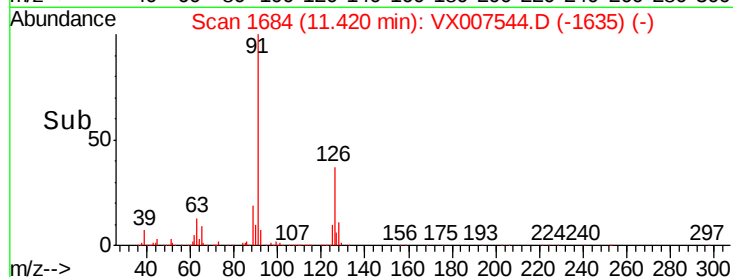
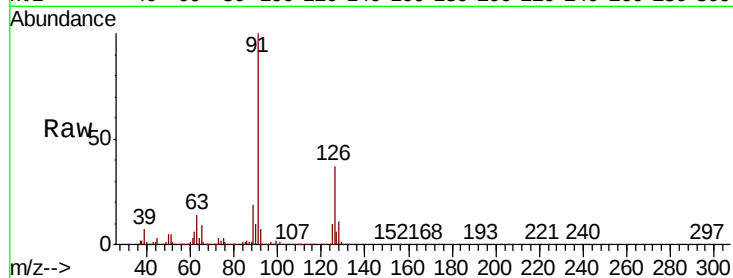
Ion Ratio Lower Upper

91 100

126 37.0 18.7 56.1

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#80

1,3,5-Trimethylbenzene

Concen: 18.501 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007544.D

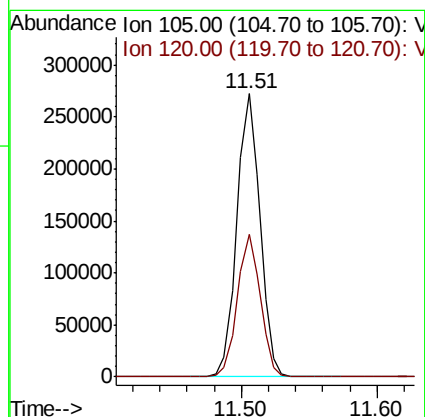
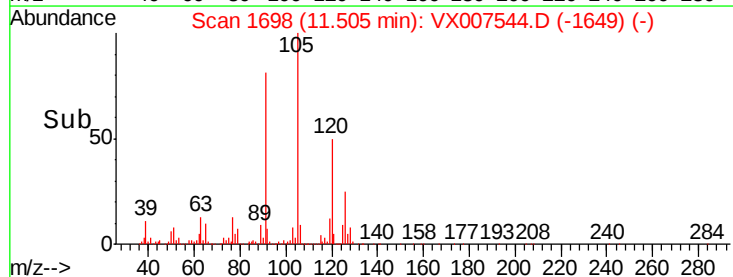
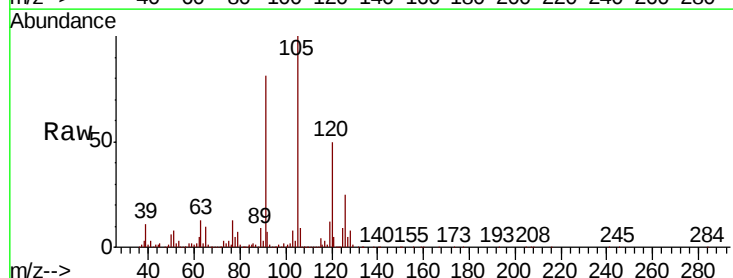
Acq: 14 Feb 2019 14:35

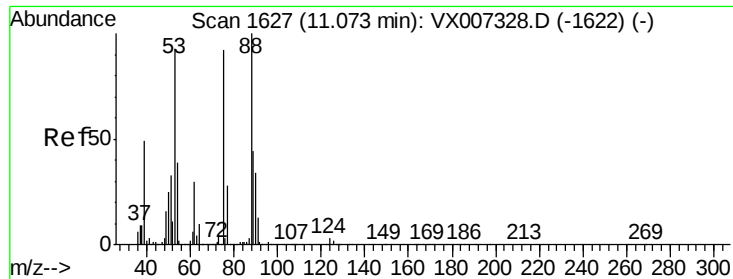
Tgt Ion: 105 Resp: 321639

Ion Ratio Lower Upper

105 100

120 50.1 25.3 75.8





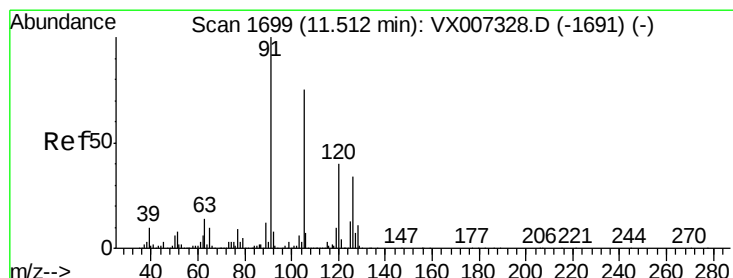
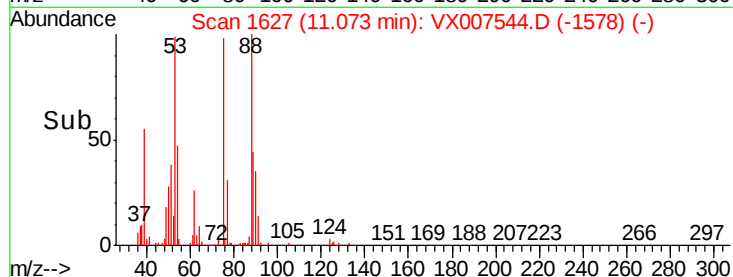
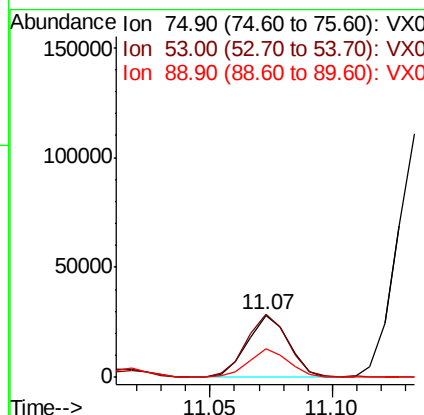
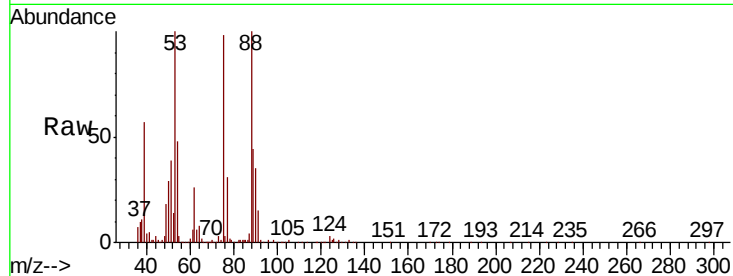
#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.604 ug/l  
RT: 11.07 min Scan# 1627  
Delta R.T. 0.00 min  
Lab File: VX007544.D  
Acq: 14 Feb 2019 14:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0215WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 104.7 | 81.0  | 121.6 |
| 89      | 46.4  | 41.4  | 62.0  |

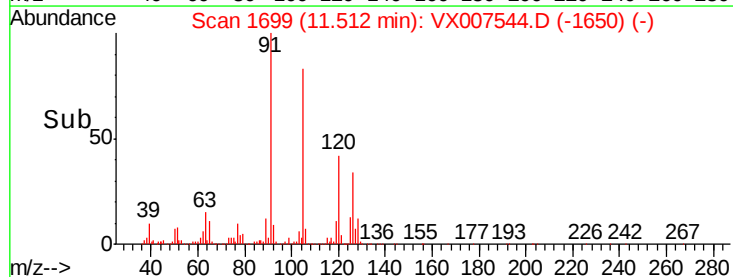
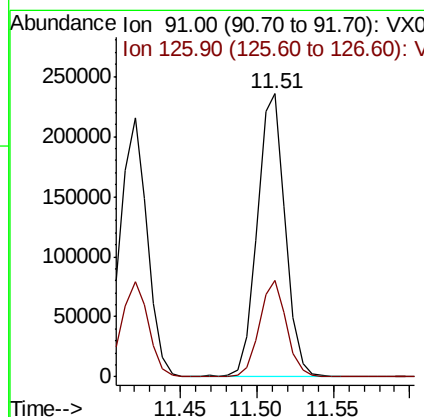
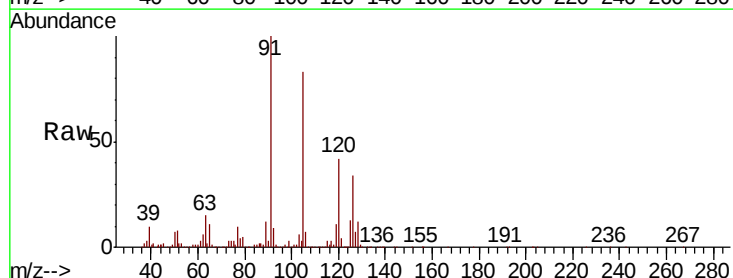
Manual Integrations  
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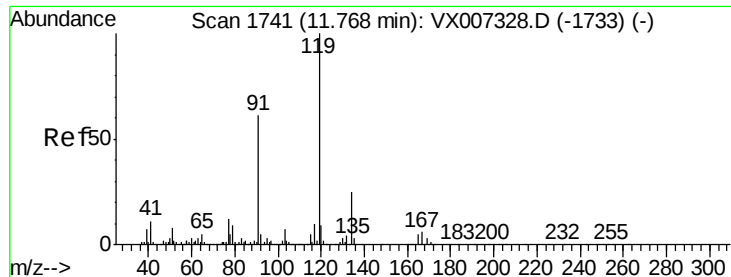
MMDadoda  
2/15/2019 10:10:15 AM



#82  
4-Chlorotoluene  
Concen: 18.127 ug/l  
RT: 11.51 min Scan# 1699  
Delta R.T. -0.00 min  
Lab File: VX007544.D  
Acq: 14 Feb 2019 14:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 33.1  | 16.2  | 48.5  |





#83

tert-Butylbenzene

Concen: 18.645 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA\_X

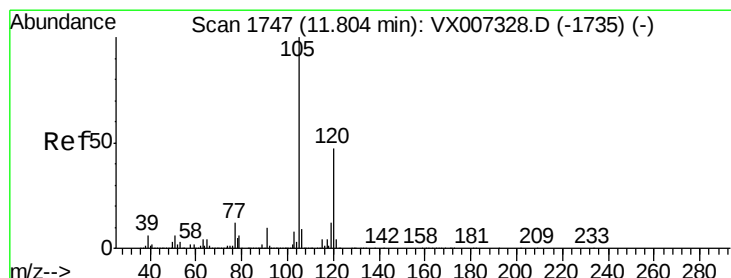
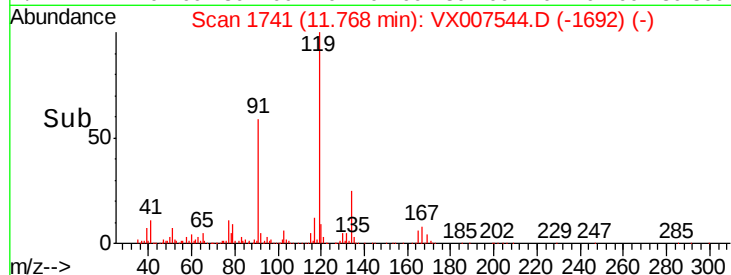
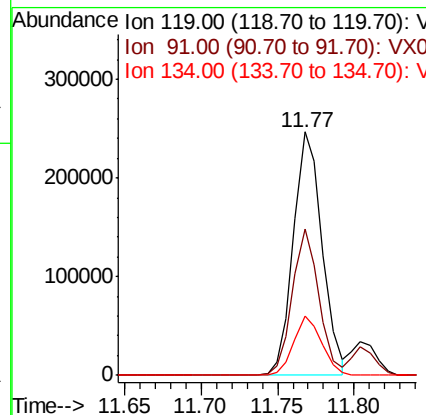
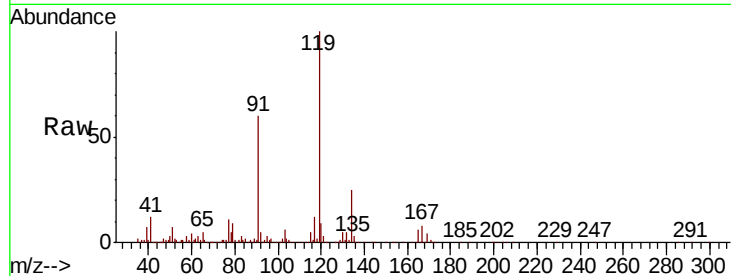
ClientSampleId :

VX0215WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 119   | Resp: | 320912 |
| Ion Ratio | Lower | Upper |        |
| 119       | 100   |       |        |
| 91        | 55.7  | 28.5  | 85.6   |
| 134       | 23.8  | 12.0  | 36.0   |

Manual Integrations  
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MMDadoda  
2/15/2019 10:10:15 AM



#84

1,2,4-Trimethylbenzene

Concen: 18.788 ug/l

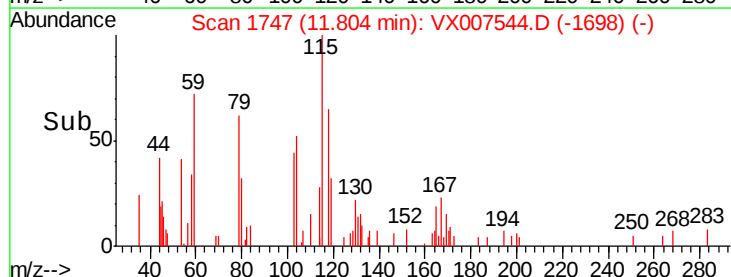
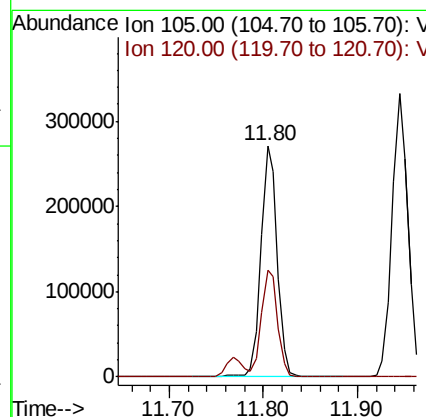
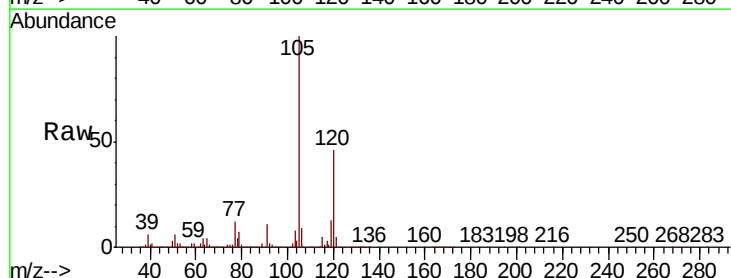
RT: 11.80 min Scan# 1747

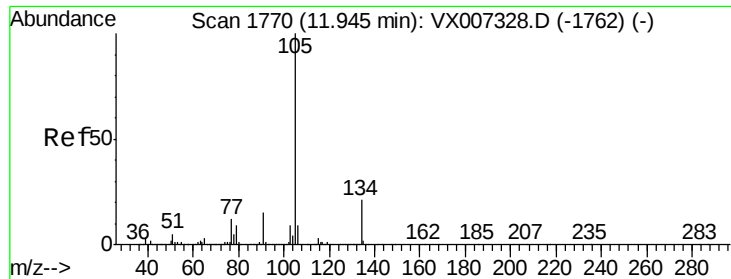
Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 331608 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 120       | 46.1  | 23.1  | 69.3   |





#85

sec-Butylbenzene

Concen: 18.742 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA\_X

ClientSampleId :

VX0215WBSD01

Tot Ion:105 Resp: 390430

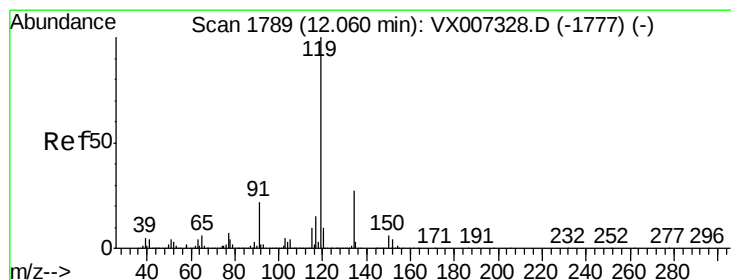
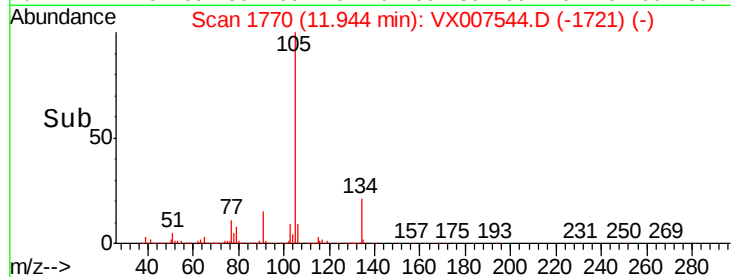
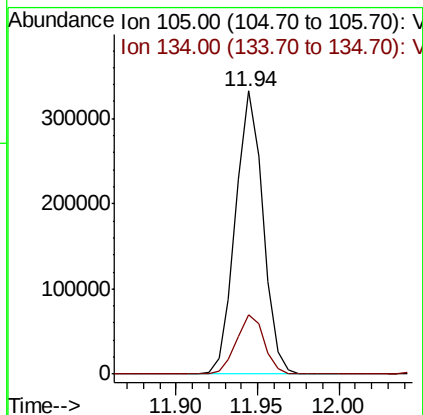
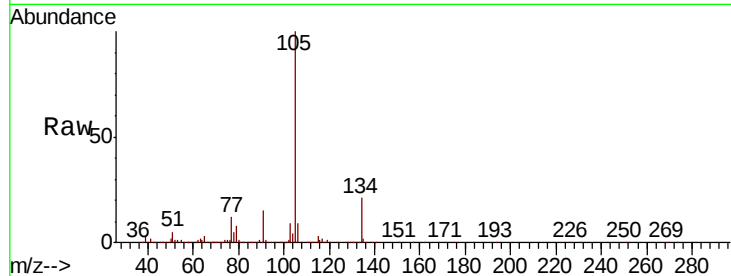
Ion Ratio Lower Upper

105 100

134 21.3 10.6 31.8

Manual Integrations  
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MMDadoda  
2/15/2019 10:10:15 AM



#86

p-Isopropyltoluene

Concen: 18.250 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

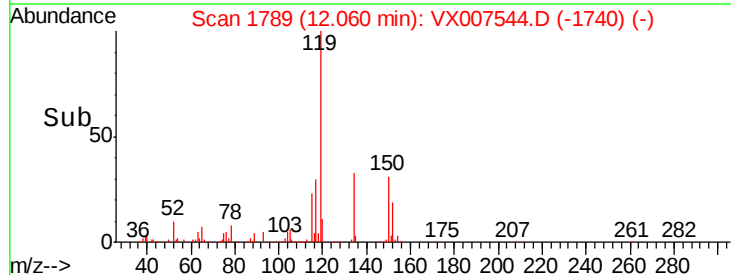
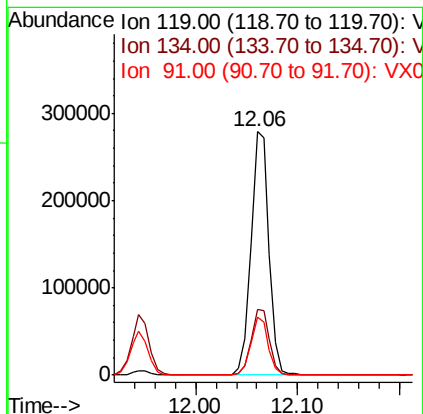
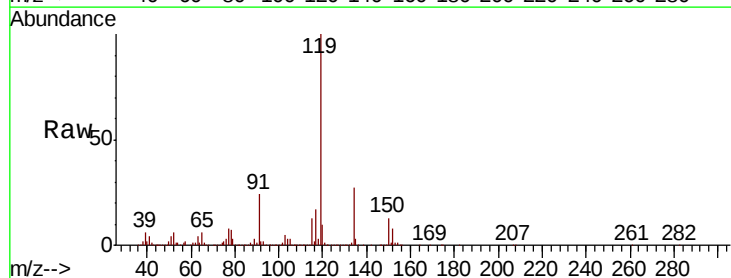
Tgt Ion:119 Resp: 343189

Ion Ratio Lower Upper

119 100

134 27.6 13.7 41.1

91 22.8 11.2 33.5





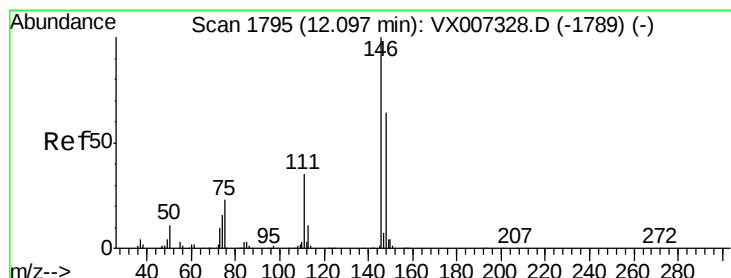
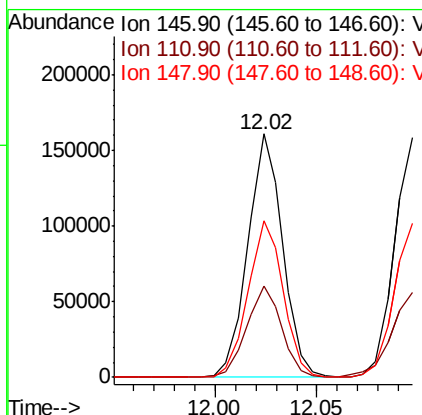
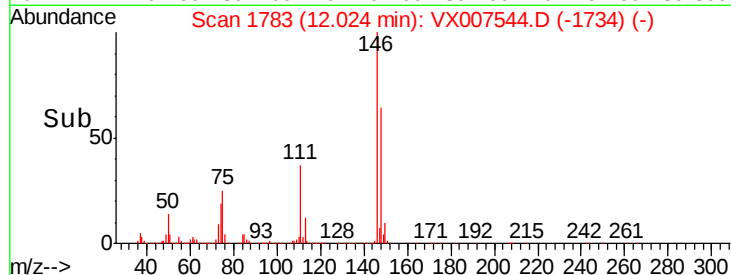
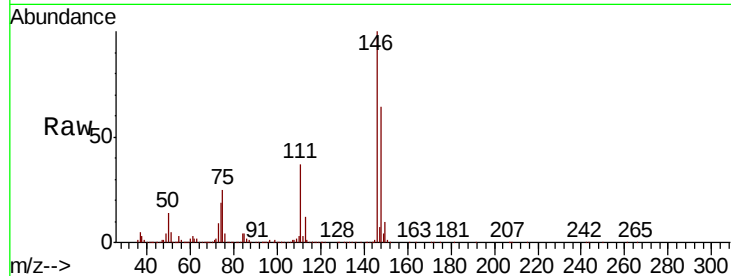
#87  
 1,3-Dichlorobenzene  
 Concen: 17.737 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. -0.00 min  
 Lab File: VX007544.D  
 Acq: 14 Feb 2019 14:35

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0215WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.8  | 18.1  | 54.1  |
| 148     | 65.2  | 32.0  | 96.2  |

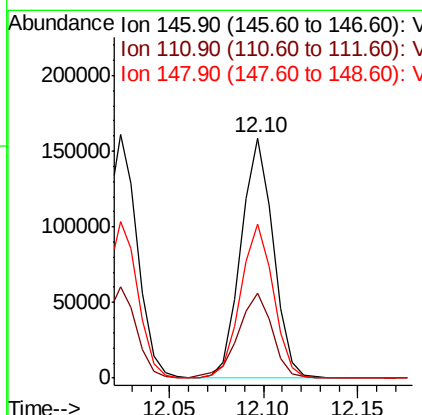
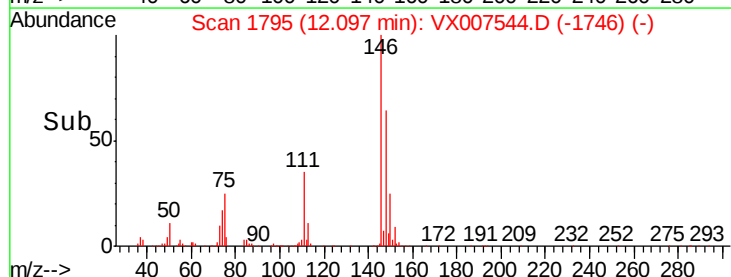
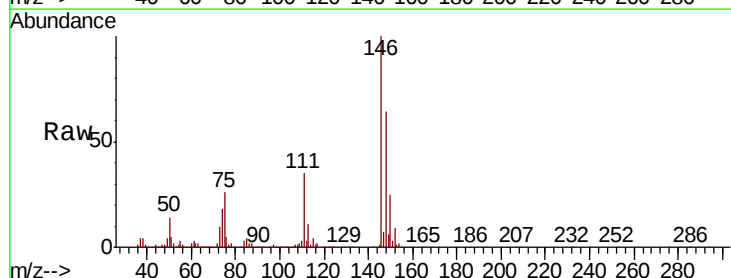
Manual Integrations  
 APPROVED

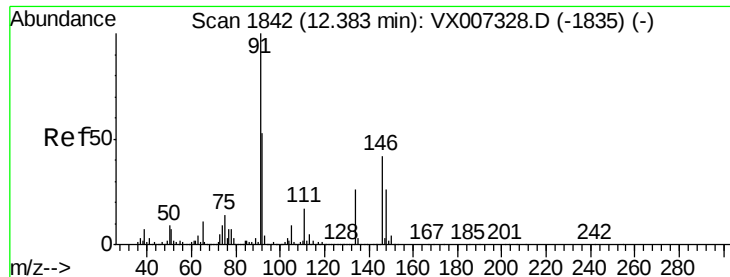
MMDadoda  
 2/15/2019 10:10:15 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 17.270 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. -0.00 min  
 Lab File: VX007544.D  
 Acq: 14 Feb 2019 14:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.6  | 18.1  | 54.1  |
| 148     | 65.6  | 32.3  | 96.9  |





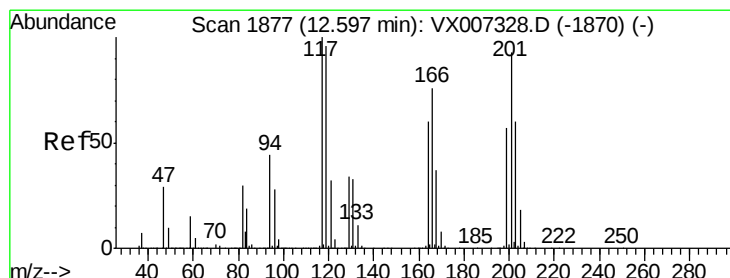
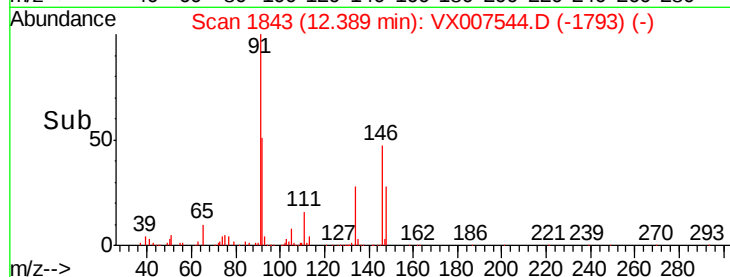
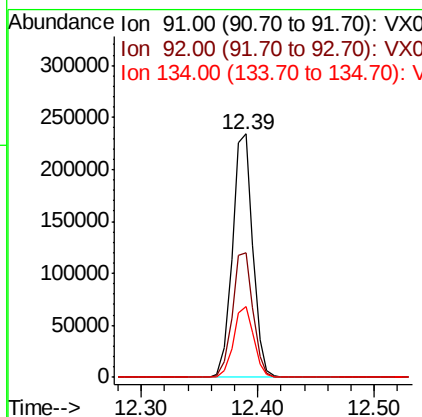
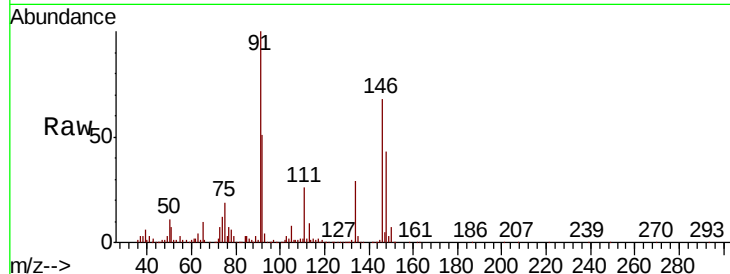
#89  
n-Butylbenzene  
Concen: 17.677 ug/l  
RT: 12.39 min Scan# 1843  
Delta R.T. 0.01 min  
Lab File: VX007544.D  
Acq: 14 Feb 2019 14:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0215WBSD01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 91      | 100   |      |       |       |
| 92      | 51.8  | 26.3 | 78.9  |       |
| 134     | 28.6  | 13.9 | 41.6  |       |

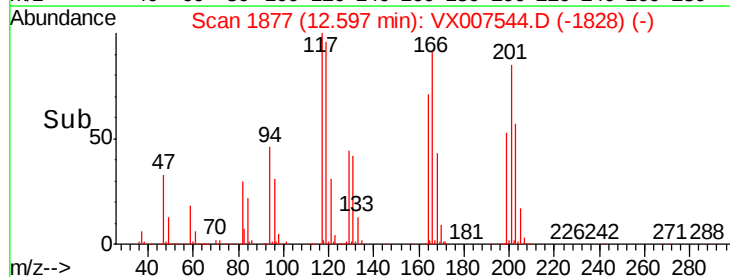
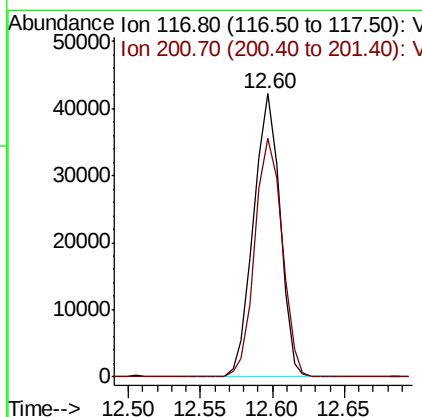
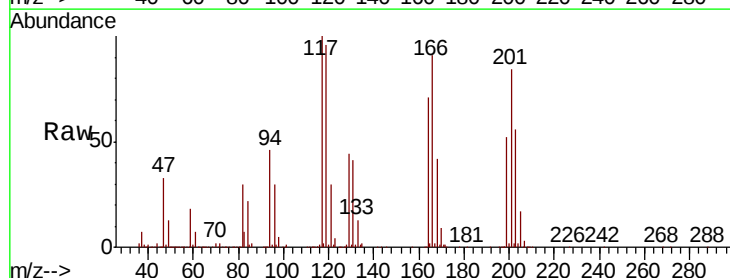
Manual Integrations  
APPROVED

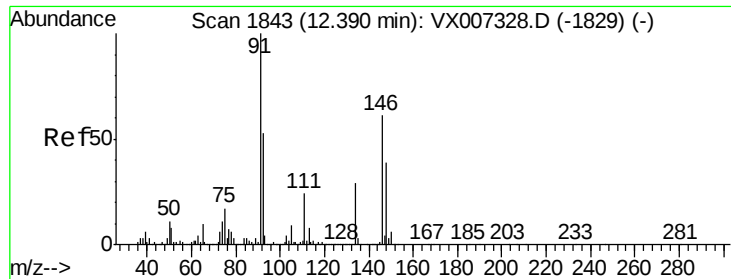
MMDadoda  
2/15/2019 10:10:15 AM



#90  
Hexachloroethane  
Concen: 19.034 ug/l  
RT: 12.60 min Scan# 1877  
Delta R.T. -0.00 min  
Lab File: VX007544.D  
Acq: 14 Feb 2019 14:35

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 201     | 86.6  | 44.9 | 134.7 |       |





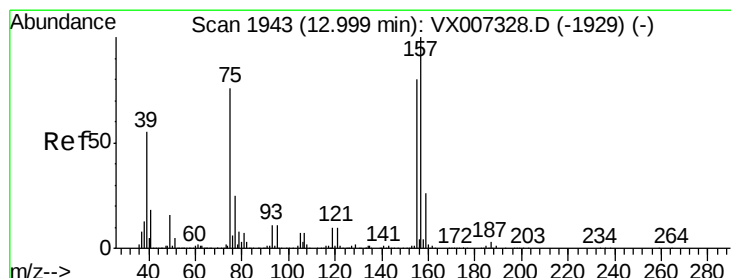
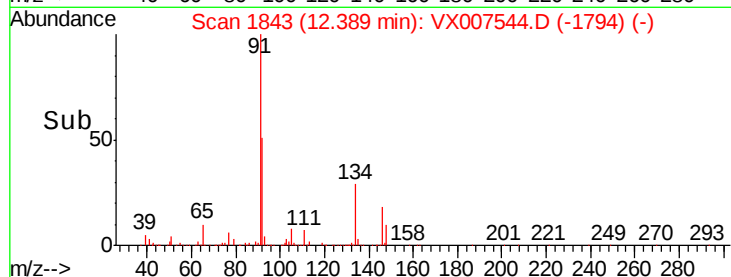
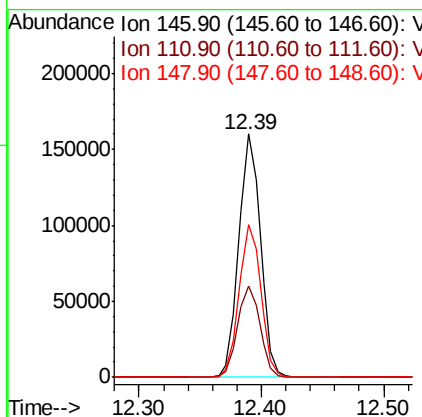
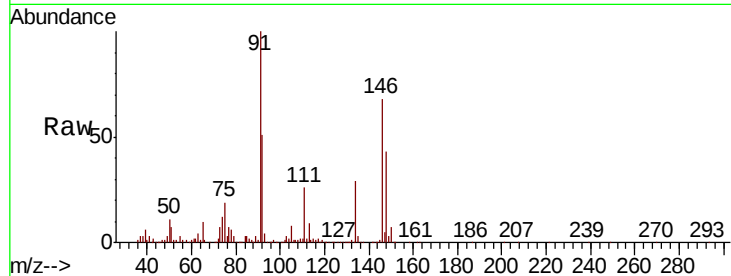
#91  
 1,2-Dichlorobenzene  
 Concen: 18.370 ug/l  
 RT: 12.39 min Scan# 1843  
 Delta R.T. -0.00 min  
 Lab File: VX007544.D  
 Acq: 14 Feb 2019 14:35

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0215WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.6  | 19.1  | 57.3  |
| 148     | 63.0  | 32.1  | 96.3  |

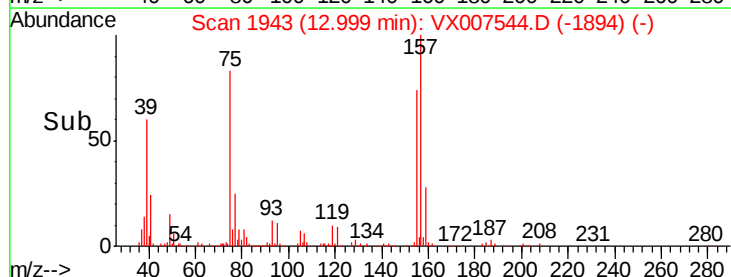
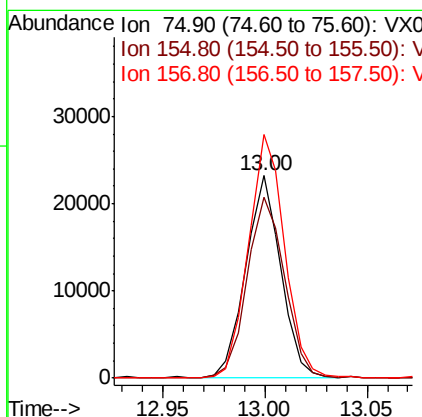
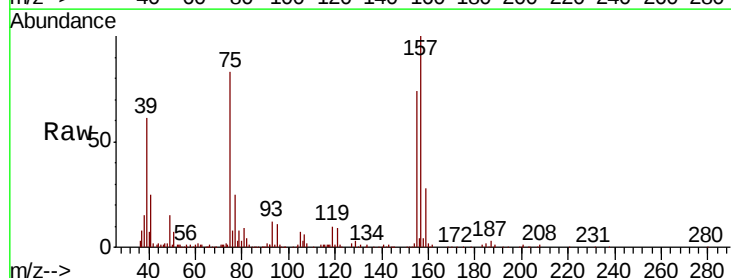
Manual Integrations  
 APPROVED

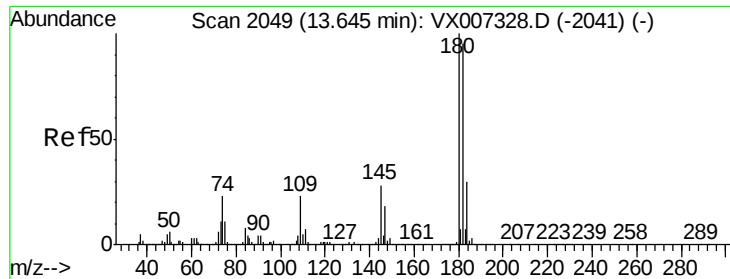
MMDadoda  
 2/15/2019 10:10:15 AM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 20.512 ug/l  
 RT: 13.00 min Scan# 1943  
 Delta R.T. -0.00 min  
 Lab File: VX007544.D  
 Acq: 14 Feb 2019 14:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 96.2  | 49.6  | 149.0 |
| 157     | 124.9 | 65.1  | 195.3 |





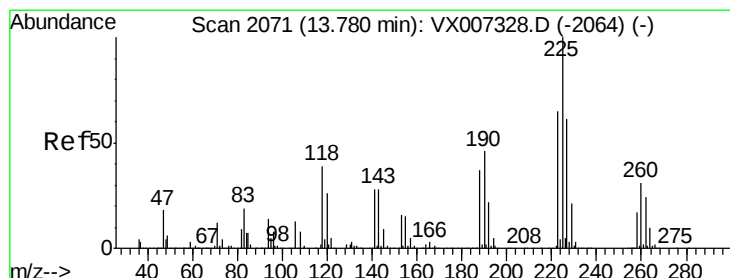
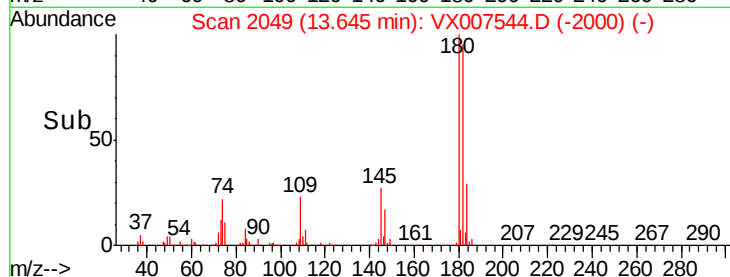
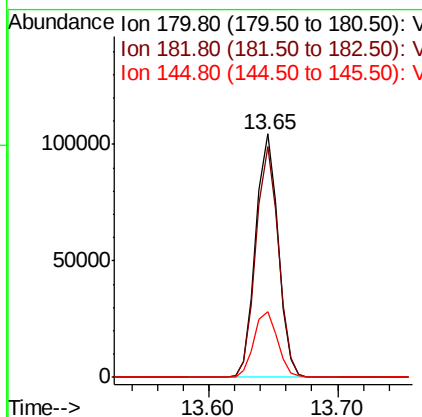
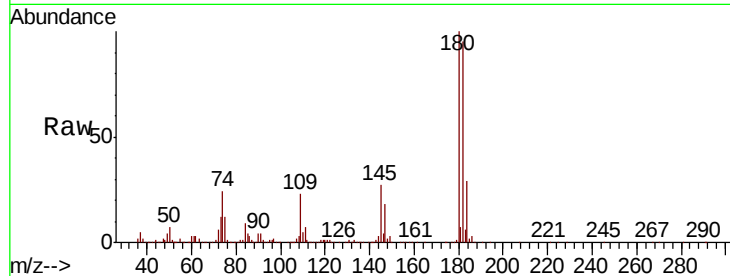
#93  
 1,2,4-Trichlorobenzene  
 Concen: 17.327 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. -0.00 min  
 Lab File: VX007544.D  
 Acq: 14 Feb 2019 14:35

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0215WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 124952 |       |       |
| 182     | 95.4  | 47.8   | 143.3 |       |
| 145     | 28.4  | 14.1   | 42.2  |       |

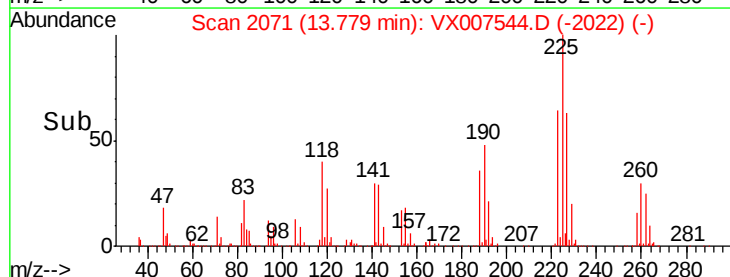
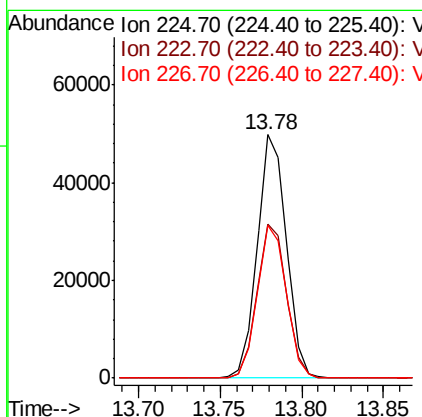
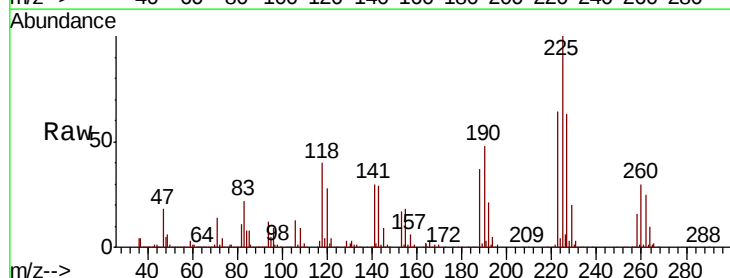
Manual Integrations  
 APPROVED

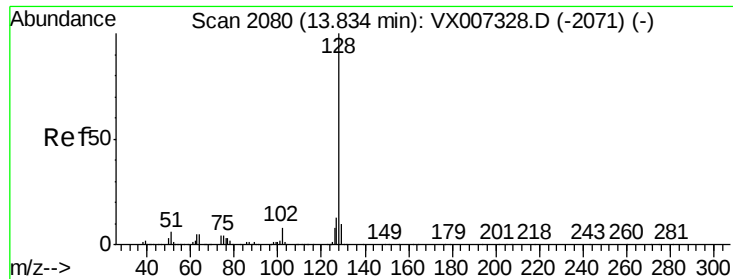
MMDadoda  
 2/15/2019 10:10:15 AM



#94  
 Hexachlorobutadiene  
 Concen: 17.630 ug/l  
 RT: 13.78 min Scan# 2071  
 Delta R.T. -0.00 min  
 Lab File: VX007544.D  
 Acq: 14 Feb 2019 14:35

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 61735 |       |       |
| 223     | 64.2  | 31.6  | 94.8  |       |
| 227     | 62.5  | 32.1  | 96.3  |       |





#95

Naphthalene

Concen: 18.913 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA\_X

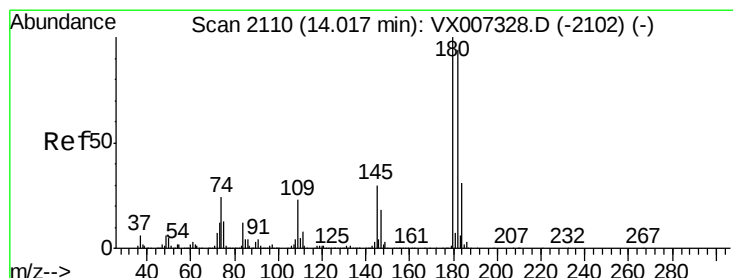
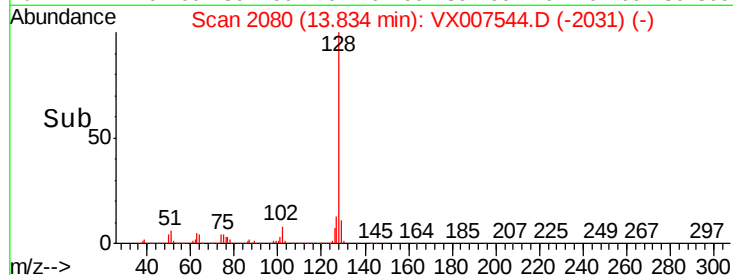
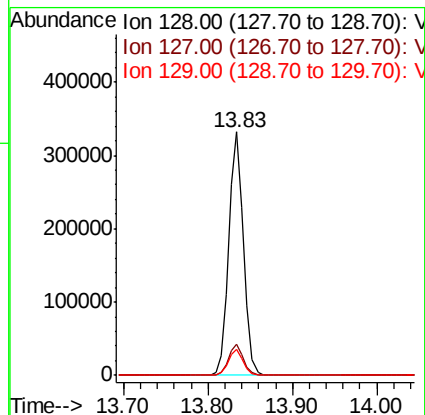
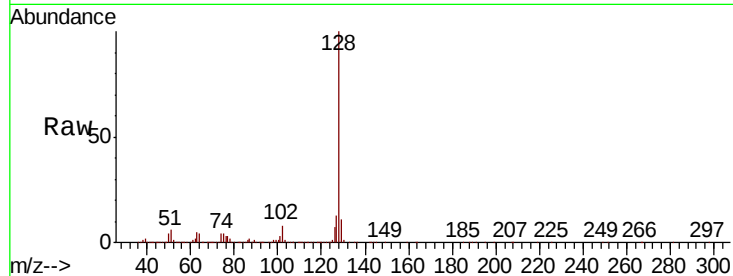
ClientSampleId :

VX0215WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 398862 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 12.9  | 10.5  | 15.7   |
| 129       | 10.7  | 8.7   | 13.1   |

Manual Integrations  
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MMDadoda  
2/15/2019 10:10:15 AM



#96

1,2,3-Trichlorobenzene

Concen: 17.433 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 126546 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.9  | 47.5  | 142.6  |
| 145       | 31.1  | 14.9  | 44.5   |

