

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081219\  
 Data File : VX011522.D  
 Acq On : 13 Aug 2019 07:04  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 54 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 8/14/2019 9:12:20 AM

Quant Time: Aug 13 09:48:36 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X080119W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 02 01:55:00 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.65  | 168  | 153106   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 236605   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 221341   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152  | 116428   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.06   | 65  | 93325    | 60.53 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 121.06% |      |
| 35) Dibromofluoromethane  | 5.49   | 113 | 81081    | 52.49 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.98% |      |
| 50) Toluene-d8            | 8.71   | 98  | 297635   | 51.04 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.08% |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 112761   | 54.17 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 108.34% |      |

## Target Compounds

|                               |      |     |        |         |      | Qvalue |
|-------------------------------|------|-----|--------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.19 | 85  | 53378  | 45.140  | ug/l | 98     |
| 3) Chloromethane              | 1.32 | 50  | 57424  | 43.244  | ug/l | 98     |
| 4) Vinyl Chloride             | 1.40 | 62  | 62301  | 42.652  | ug/l | 98     |
| 5) Bromomethane               | 1.63 | 94  | 43416  | 41.676  | ug/l | 98     |
| 6) Chloroethane               | 1.71 | 64  | 42497  | 46.828  | ug/l | 97     |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 114342 | 44.025  | ug/l | 100    |
| 8) Diethyl Ether              | 2.18 | 74  | 40409  | 43.573  | ug/l | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 63977  | 45.526  | ug/l | 98     |
| 10) Methyl Iodide             | 2.50 | 142 | 82805  | 46.737  | ug/l | 97     |
| 11) Tert butyl alcohol        | 3.04 | 59  | 82984  | 269.901 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 2.36 | 96  | 64095  | 46.011  | ug/l | 86     |
| 13) Acrolein                  | 2.29 | 56  | 40732  | 213.113 | ug/l | 97     |
| 14) Allyl chloride            | 2.72 | 41  | 94208  | 50.729  | ug/l | 96     |
| 15) Acrylonitrile             | 3.14 | 53  | 197389 | 269.032 | ug/l | 98     |
| 16) Acetone                   | 2.43 | 43  | 175916 | 239.702 | ug/l | 93     |
| 17) Carbon Disulfide          | 2.56 | 76  | 134763 | 41.225  | ug/l | 100    |
| 18) Methyl Acetate            | 2.77 | 43  | 97003  | 57.838  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 3.19 | 73  | 225655 | 54.969  | ug/l | 99     |
| 20) Methylene Chloride        | 2.85 | 84  | 75587  | 47.028  | ug/l | 97     |
| 21) trans-1,2-Dichloroethene  | 3.16 | 96  | 68260  | 46.323  | ug/l | 94     |
| 22) Diisopropyl ether         | 3.85 | 45  | 214632 | 52.586  | ug/l | 98     |
| 23) Vinyl Acetate             | 3.81 | 43  | 919916 | 271.741 | ug/l | 98     |
| 24) 1,1-Dichloroethane        | 3.69 | 63  | 125357 | 52.086  | ug/l | 99     |
| 25) 2-Butanone                | 4.67 | 43  | 278184 | 266.468 | ug/l | 97     |
| 26) 2,2-Dichloropropane       | 4.57 | 77  | 57612  | 30.794  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 4.59 | 96  | 83303  | 49.080  | ug/l | 98     |
| 28) Bromochloromethane        | 5.01 | 49  | 60395  | 55.045  | ug/l | 96     |
| 29) Tetrahydrofuran           | 5.12 | 42  | 173080 | 270.392 | ug/l | 99     |
| 30) Chloroform                | 5.20 | 83  | 139402 | 53.293  | ug/l | 96     |
| 31) Cyclohexane               | 5.57 | 56  | 93061  | 46.868  | ug/l | 97     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 120965 | 53.983  | ug/l | 98     |
| 36) 1,1-Dichloropropene       | 5.79 | 75  | 93347  | 45.187  | ug/l | 98     |
| 37) Ethyl Acetate             | 4.82 | 43  | 103344 | 49.873  | ug/l | 100    |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 105519 | 50.771  | ug/l | 93     |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 54 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 8/14/2019 9:12:20 AM

Quant Time: Aug 13 09:48:36 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X080119W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 02 01:55:00 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 97972    | 40.011  | ug/l   | 98       |
| 40) Benzene                    | 6.13  | 78   | 296193   | 48.049  | ug/l   | 98       |
| 41) Methacrylonitrile          | 5.04  | 41   | 59802    | 52.845  | ug/l   | 97       |
| 42) 1,2-Dichloroethane         | 6.19  | 62   | 112894   | 54.159  | ug/l   | 97       |
| 43) Isopropyl Acetate          | 6.44  | 43   | 168658   | 50.910  | ug/l   | 99       |
| 44) Trichloroethene            | 7.21  | 130  | 83905    | 44.968  | ug/l   | 93       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 74798    | 46.852  | ug/l   | 95       |
| 46) Dibromomethane             | 7.66  | 93   | 55584    | 47.693  | ug/l   | 97       |
| 47) Bromodichloromethane       | 7.90  | 83   | 104072   | 52.742  | ug/l   | 97       |
| 48) Methyl methacrylate        | 7.76  | 41   | 84305    | 54.074  | ug/l   | 96       |
| 49) 1,4-Dioxane                | 7.74  | 88   | 41250    | 912.630 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone       | 8.64  | 43   | 569232   | 266.245 | ug/l   | 99       |
| 52) Toluene                    | 8.78  | 92   | 195155   | 47.882  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 99265    | 43.583  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 108966   | 47.275  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 83418    | 49.779  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 124315   | 52.057  | ug/l   | 96       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 131773   | 49.722  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 297786   | 253.610 | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.49  | 43   | 435318   | 262.871 | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.58  | 129  | 90534    | 52.769  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 88382    | 48.816  | ug/l   | 100      |
| 64) Tetrachloroethene          | 9.34  | 164  | 85775    | 45.632  | ug/l   | 97       |
| 65) Chlorobenzene              | 10.13 | 112  | 219072   | 46.161  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 83835    | 51.598  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 385072   | 48.448  | ug/l   | 98       |
| 68) m/p-Xylenes                | 10.35 | 106  | 288712   | 93.911  | ug/l   | 95       |
| 69) o-Xylene                   | 10.69 | 106  | 142344   | 47.124  | ug/l   | 96       |
| 70) Styrene                    | 10.71 | 104  | 247818   | 49.583  | ug/l   | 98       |
| 71) Bromoform                  | 10.85 | 173  | 66952    | 46.309  | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 389990   | 48.976  | ug/l   | 99       |
| 74) N-amyl acetate             | 10.90 | 43   | 151789   | 52.755  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 129185   | 48.683  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 109673m  | 51.725  | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 105924   | 47.972  | ug/l   | 96       |
| 78) n-propylbenzene            | 11.36 | 91   | 422591   | 47.722  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 258459   | 48.969  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 324166   | 48.632  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 29844    | 38.709  | ug/l   | 93       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 298304   | 48.496  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 319056   | 48.803  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 326298   | 49.166  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.94 | 105  | 373063   | 47.496  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 344121   | 47.622  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 180382   | 46.235  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 180825   | 44.948  | ug/l   | 97       |
| 89) n-Butylbenzene             | 12.38 | 91   | 278898   | 44.800  | ug/l   | 100      |
| 90) Hexachloroethane           | 12.59 | 117  | 52719    | 49.348  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 184004   | 46.939  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 28012    | 54.486  | ug/l   | 93       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081219\  
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Operator : JC/SP  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 54 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

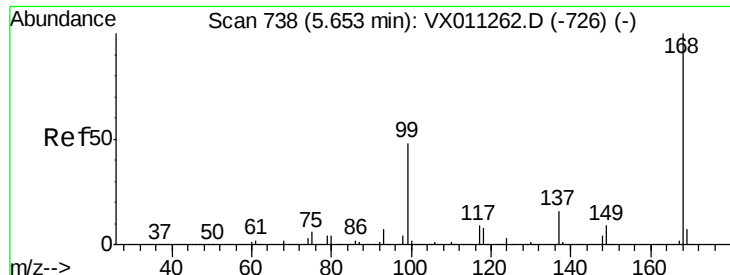
MMDadoda  
8/14/2019 9:12:20 AM

Quant Time: Aug 13 09:48:36 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X080119W.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 02 01:55:00 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 118967   | 45.762 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 56880    | 43.124 | ug/l  | 98       |
| 95) Naphthalene            | 13.83 | 128  | 392155   | 51.582 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 121565   | 45.996 | ug/l  | 98       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 153106

Ion Ratio Lower Upper

168 100

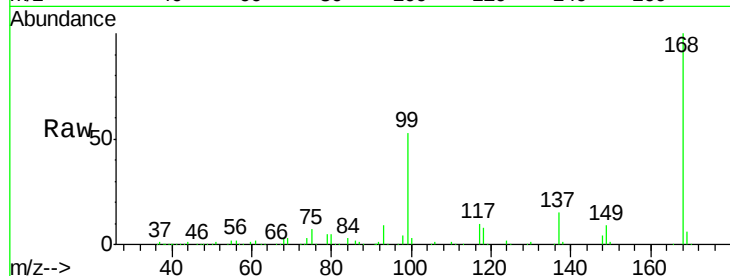
99 52.3 38.5 57.7

Manual Integrations

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8/14/2019 9:12:20 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

30000

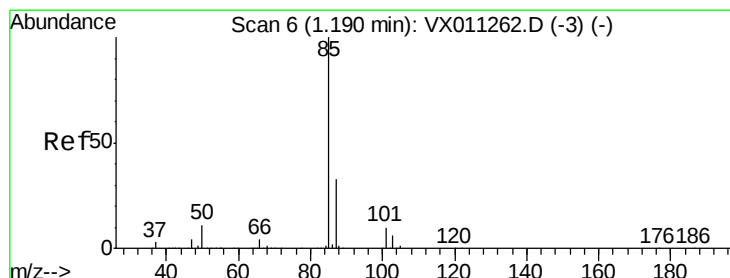
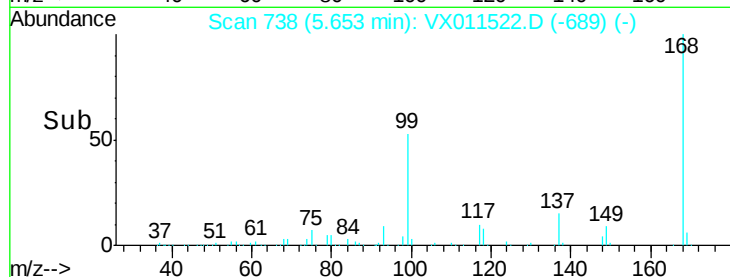
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 45.140 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011522.D

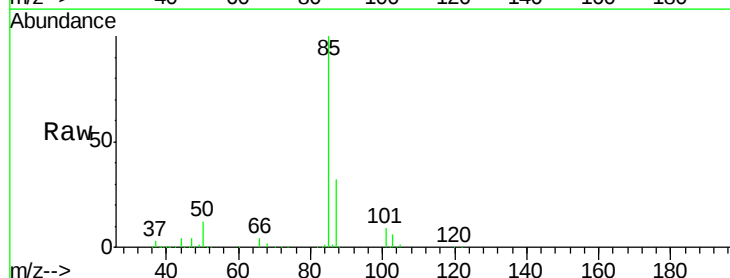
Acq: 13 Aug 2019 07:04

Tgt Ion: 85 Resp: 53378

Ion Ratio Lower Upper

85 100

87 31.6 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

60000

50000

40000

30000

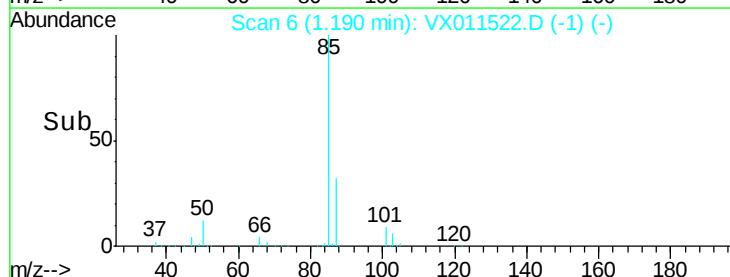
20000

10000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 43.244 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 57424

Ion Ratio Lower Upper

50 100

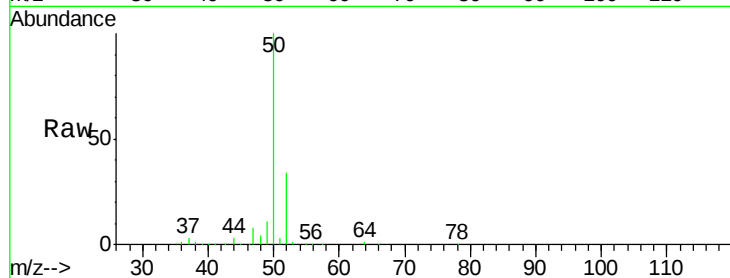
52 34.0 26.4 39.6

Manual Integrations

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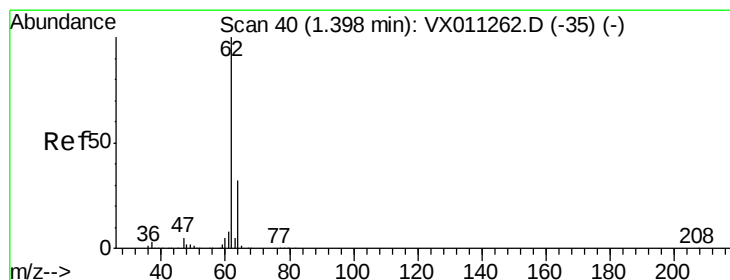
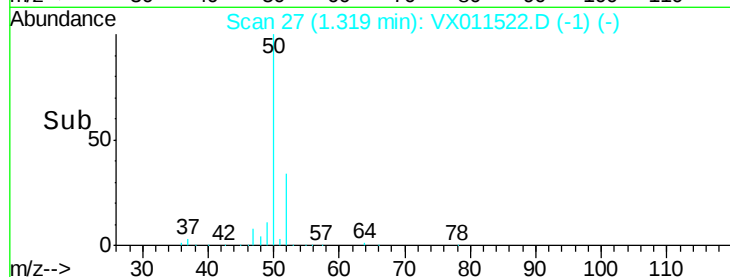
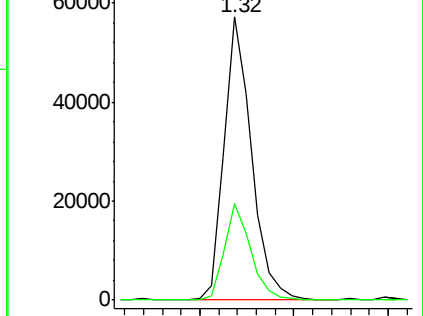
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8/14/2019 9:12:20 AM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 42.652 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.01 min

Lab File: VX011522.D

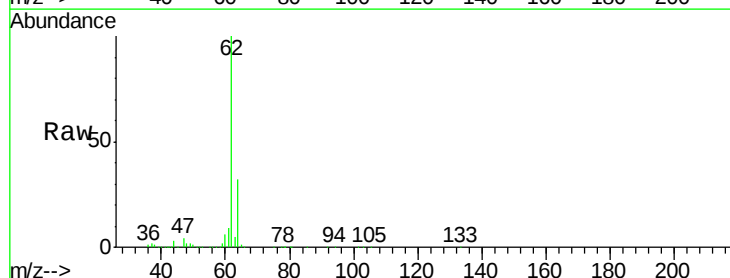
Acq: 13 Aug 2019 07:04

Tgt Ion: 62 Resp: 62301

Ion Ratio Lower Upper

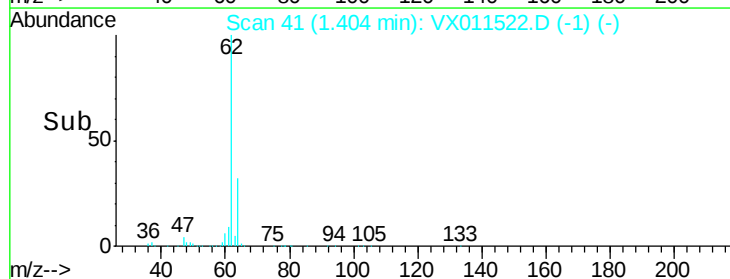
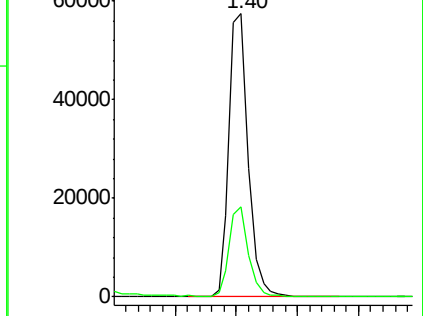
62 100

64 31.4 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 41.676 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

Tot Ion: 94 Resp: 43416

Ion Ratio Lower Upper

94 100

96 95.3 74.6 112.0

Instrument :

MSVOA\_X

ClientSampleId :

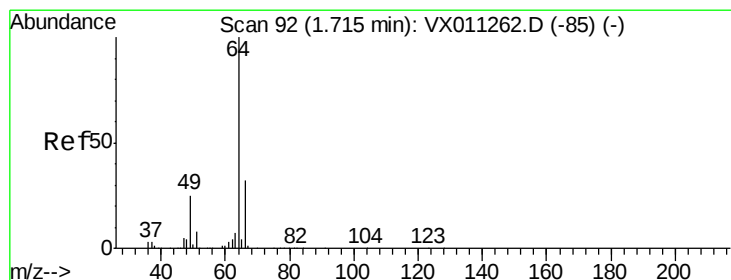
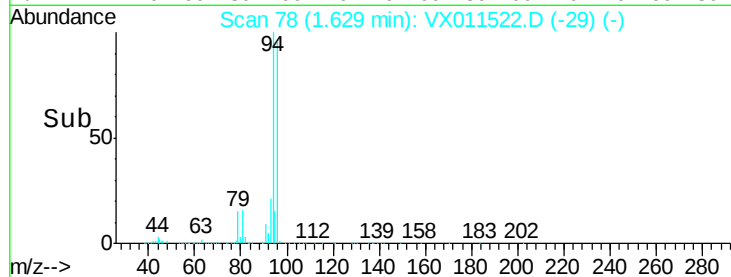
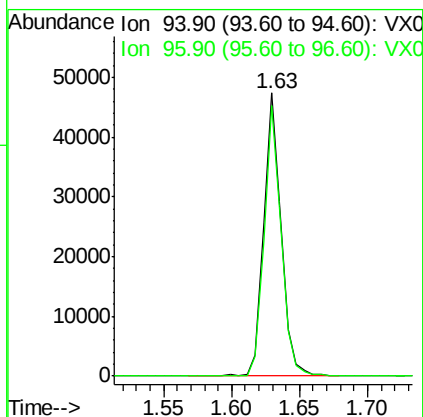
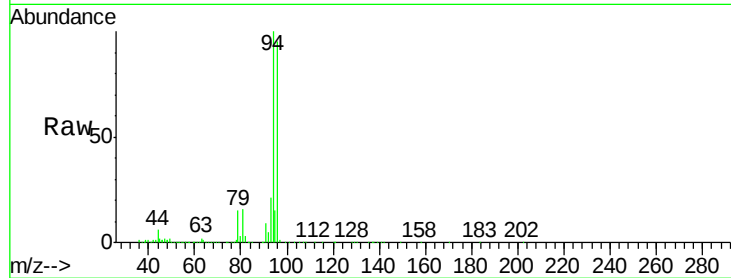
VSTDCCC050EC

Manual Integrations

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8/14/2019 9:12:20 AM



#6

Chloroethane

Concen: 46.828 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX011522.D

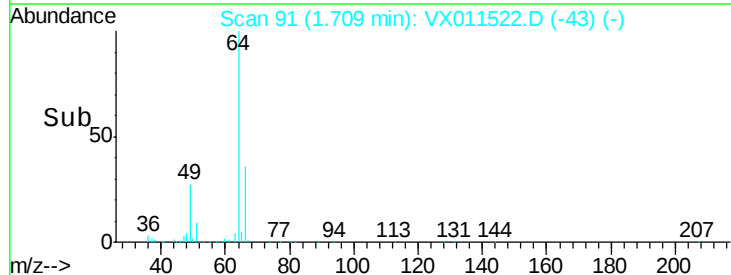
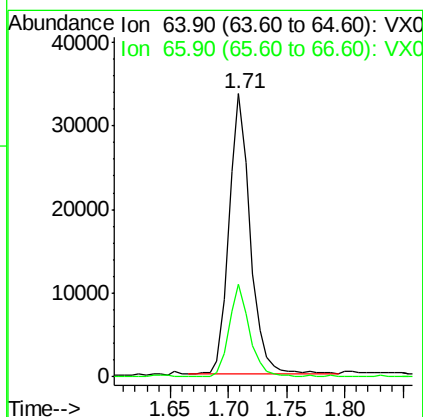
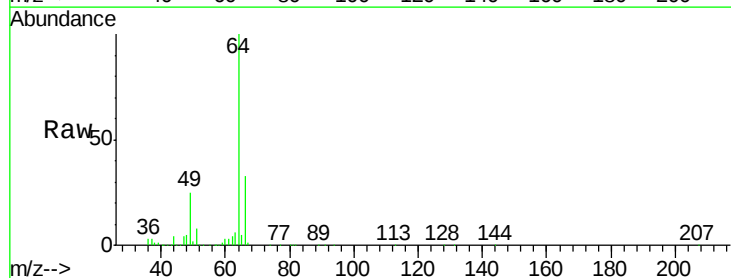
Acq: 13 Aug 2019 07:04

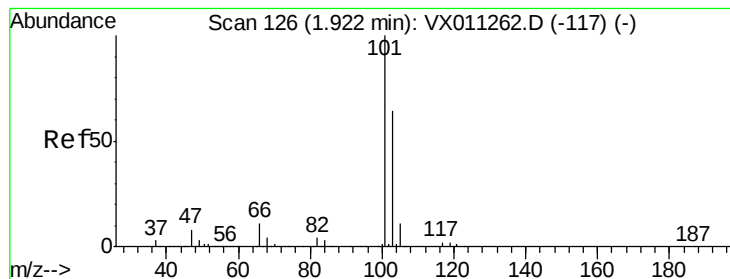
Tgt Ion: 64 Resp: 42497

Ion Ratio Lower Upper

64 100

66 32.9 25.1 37.7





#7

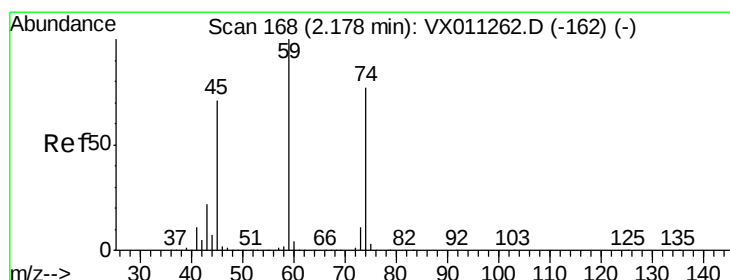
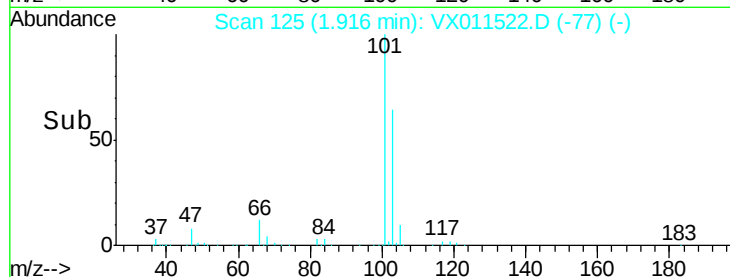
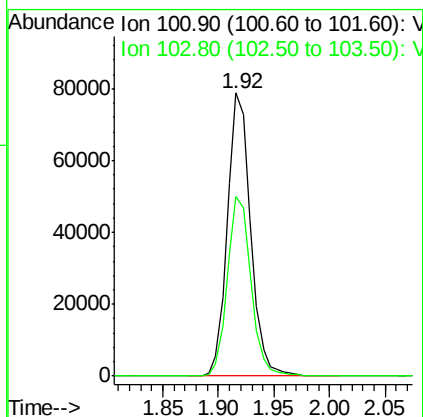
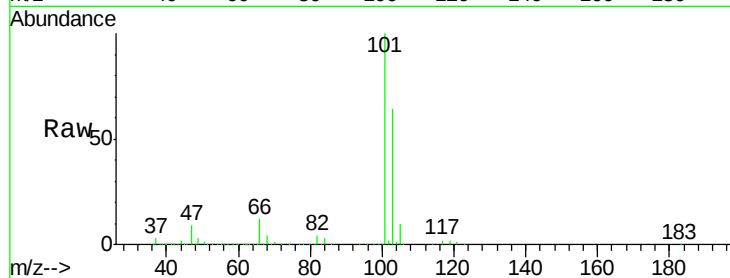
Trichlorofluoromethane  
Concen: 44.025 ug/l  
RT: 1.92 min Scan# 125  
Delta R.T. -0.01 min  
Lab File: VX011522.D  
Acq: 13 Aug 2019 07:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 101     | 100  |       | 114342 |       |       |
| 103     | 63.5 | 50.9  | 76.3   |       |       |

Manual Integrations  
APPROVED

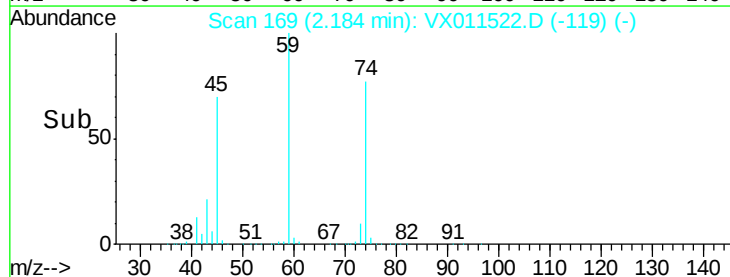
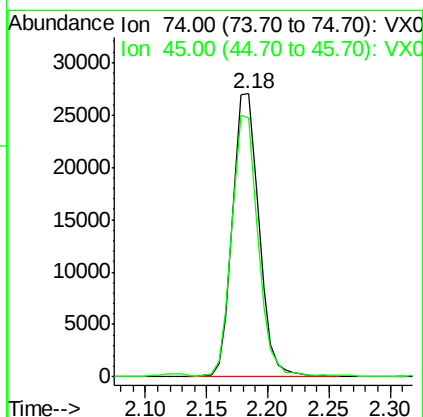
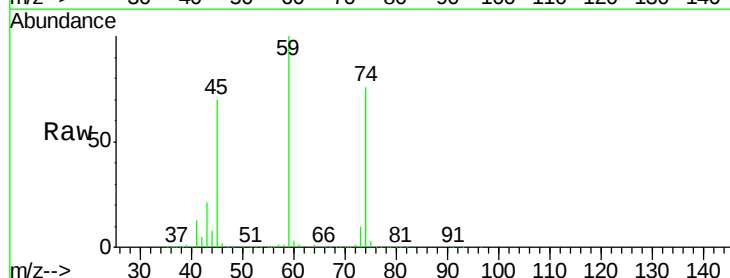
MMDadoda  
8/14/2019 9:12:20 AM



#8

Diethyl Ether  
Concen: 43.573 ug/l  
RT: 2.18 min Scan# 169  
Delta R.T. 0.01 min  
Lab File: VX011522.D  
Acq: 13 Aug 2019 07:04

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 74      | 100  |       | 40409 |       |       |
| 45      | 90.5 | 46.1  | 138.3 |       |       |





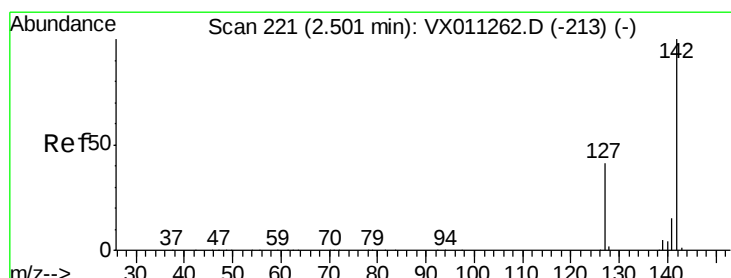
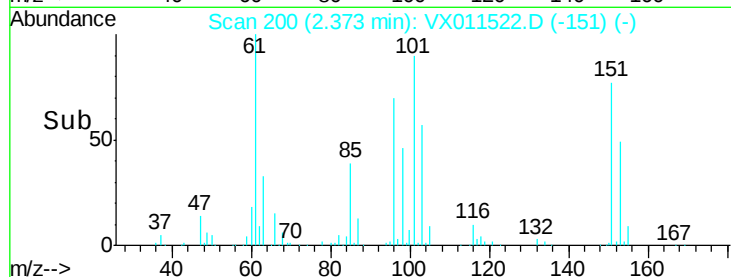
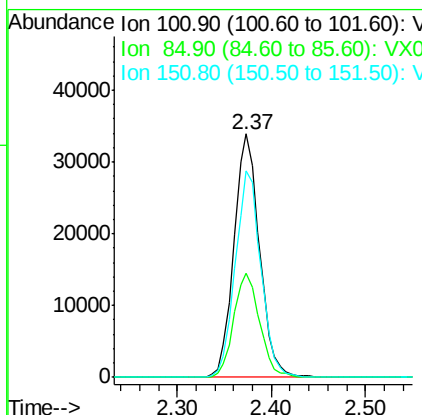
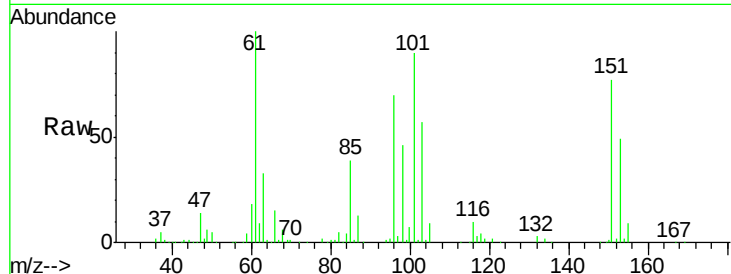
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 45.526 ug/l  
RT: 2.37 min Scan# 200  
Delta R.T. 0.00 min  
Lab File: VX011522.D  
Acq: 13 Aug 2019 07:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 85      | 43.5  | 33.8  | 50.6  |
| 151     | 84.9  | 69.5  | 104.3 |

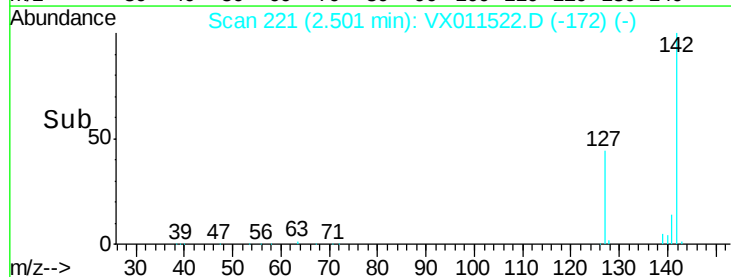
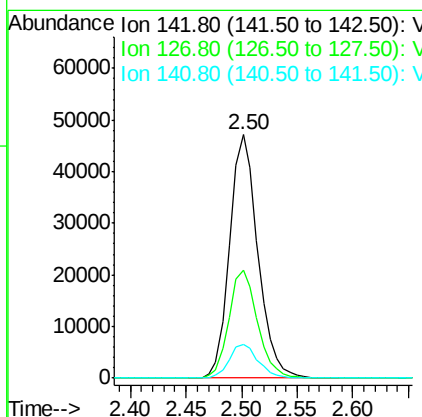
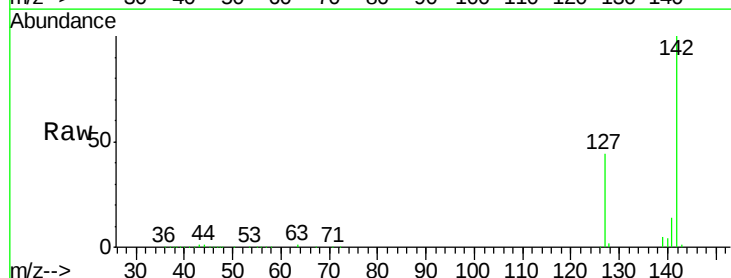
Manual Integrations  
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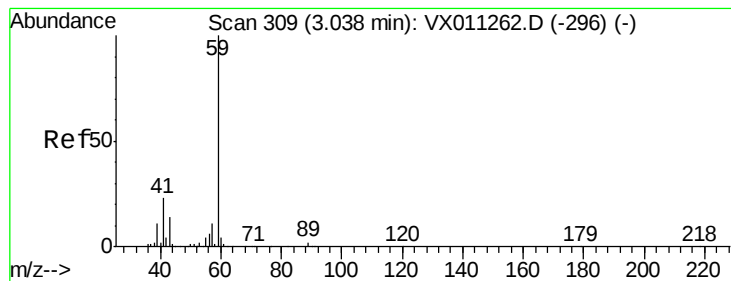
MMDadoda  
8/14/2019 9:12:20 AM



#10  
Methyl Iodide  
Concen: 46.737 ug/l  
RT: 2.50 min Scan# 221  
Delta R.T. 0.00 min  
Lab File: VX011522.D  
Acq: 13 Aug 2019 07:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 127     | 45.1  | 33.8  | 50.8  |
| 141     | 14.3  | 11.4  | 17.2  |





#11

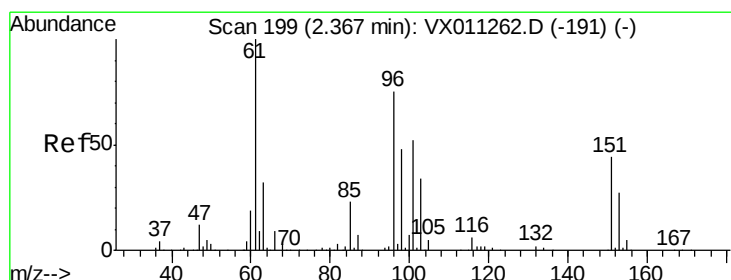
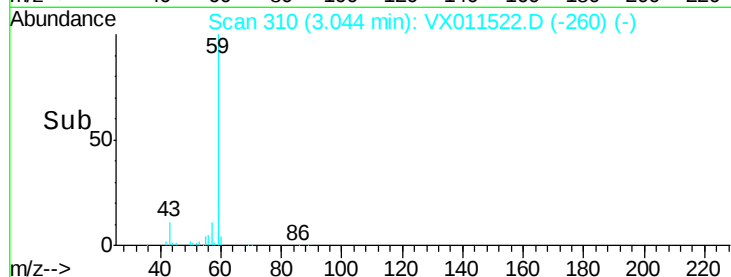
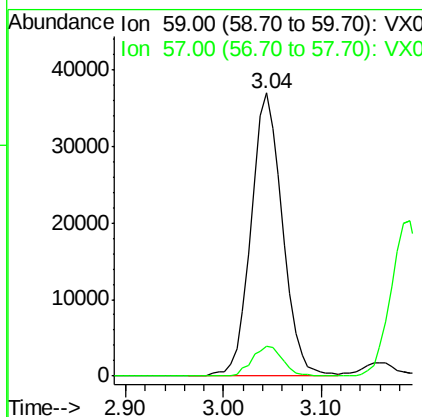
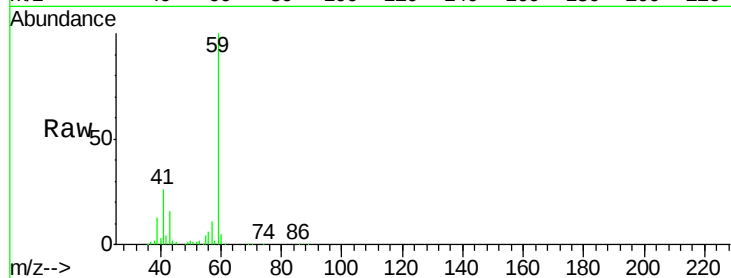
Tert butyl alcohol  
 Concen: 269.901 ug/l  
 RT: 3.04 min Scan# 310  
 Delta R.T. 0.01 min  
 Lab File: VX011522.D  
 Acq: 13 Aug 2019 07:04

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion   | 59   | Resp  | 82984 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 57        | 10.4 | 8.3   | 12.5  |

Manual Integrations  
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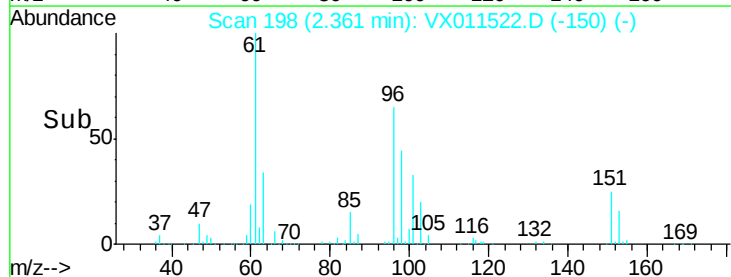
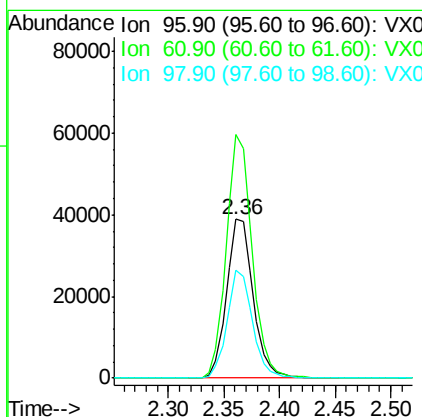
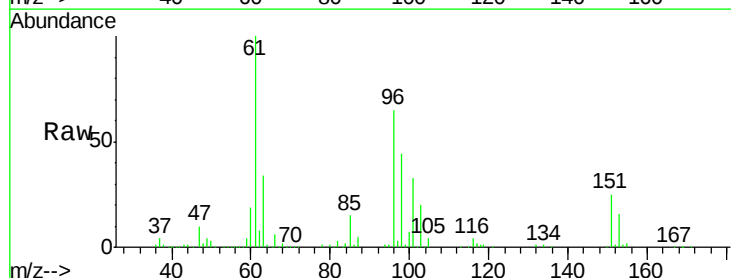
MMDadoda  
 8/14/2019 9:12:20 AM

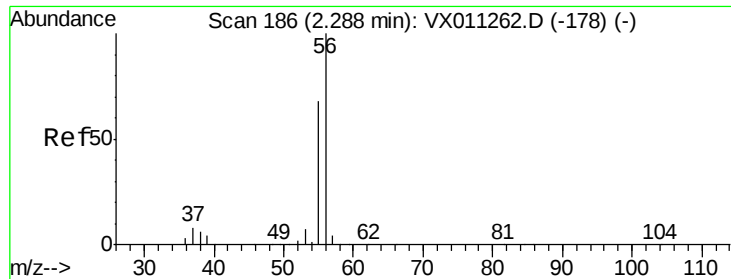


#12

1,1-Dichloroethene  
 Concen: 46.011 ug/l  
 RT: 2.36 min Scan# 198  
 Delta R.T. -0.01 min  
 Lab File: VX011522.D  
 Acq: 13 Aug 2019 07:04

| Tgt Ion   | 96    | Resp  | 64095 |
|-----------|-------|-------|-------|
| Ion Ratio | 100   | Lower | Upper |
| 61        | 153.1 | 106.2 | 159.2 |
| 98        | 67.9  | 50.6  | 75.8  |





#13

Acrolein

Concen: 213.113 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 40732

Ion Ratio Lower Upper

56 100

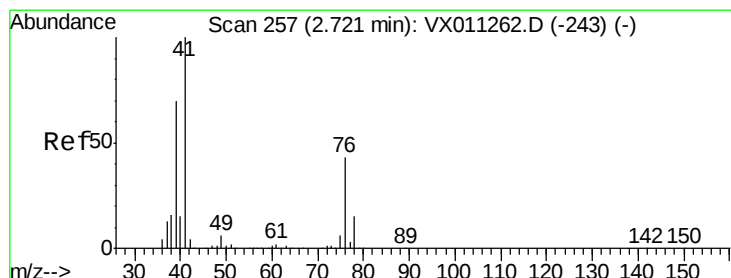
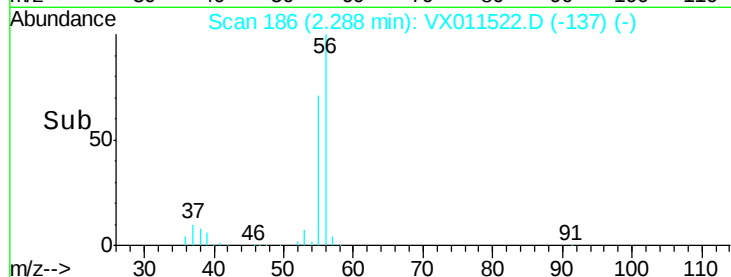
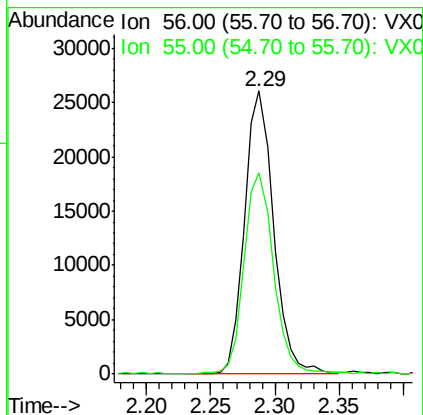
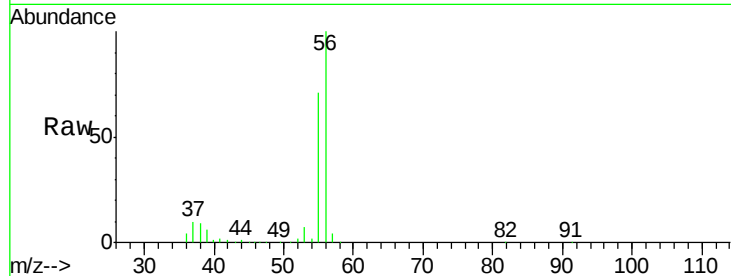
55 72.2 56.0 84.0

Manual Integrations

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MMDadoda

8/14/2019 9:12:20 AM



#14

Allyl chloride

Concen: 50.729 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

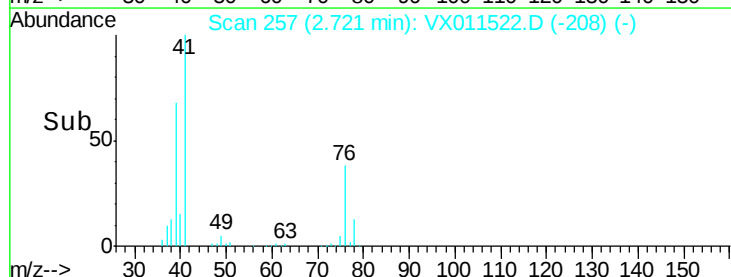
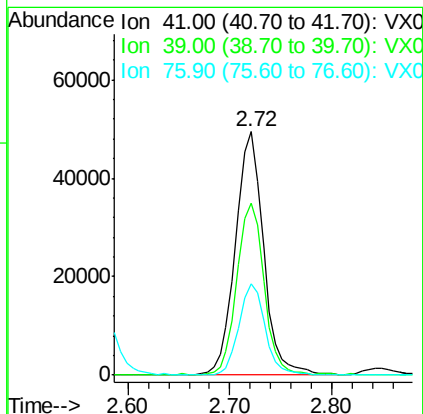
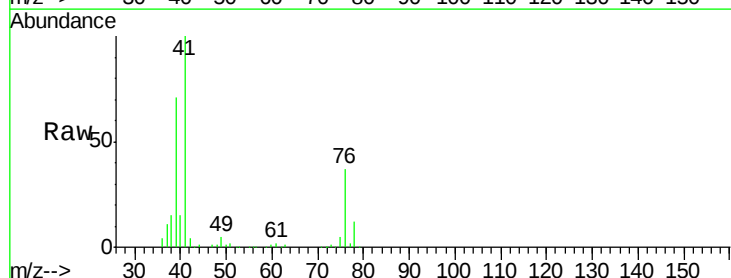
Tgt Ion: 41 Resp: 94208

Ion Ratio Lower Upper

41 100

39 68.6 52.8 79.2

76 35.3 31.1 46.7





#15

Acrylonitrile

Concen: 269.032 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

Instrument :

MSVOA\_X

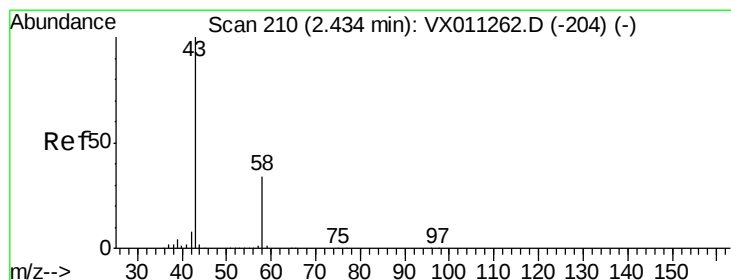
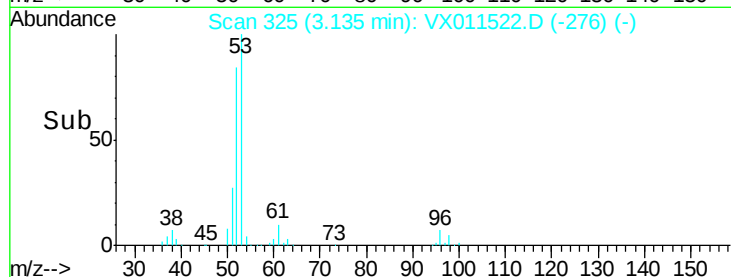
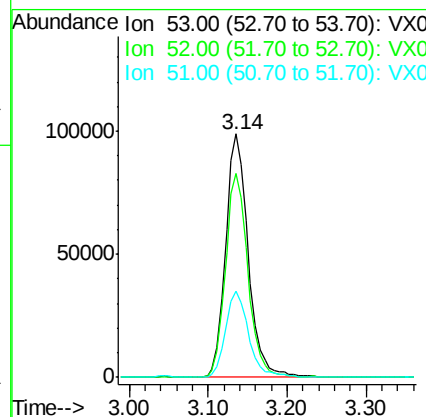
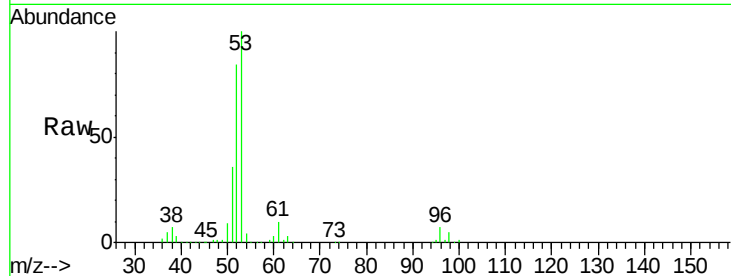
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 197389 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 83.2  | 65.5  | 98.3   |
| 51       | 36.7  | 27.9  | 41.9   |

Manual Integrations  
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#16

Acetone

Concen: 239.702 ug/l

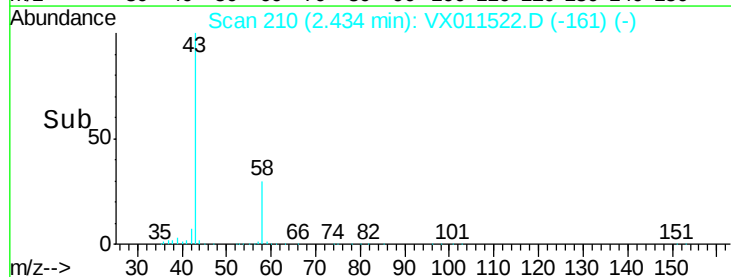
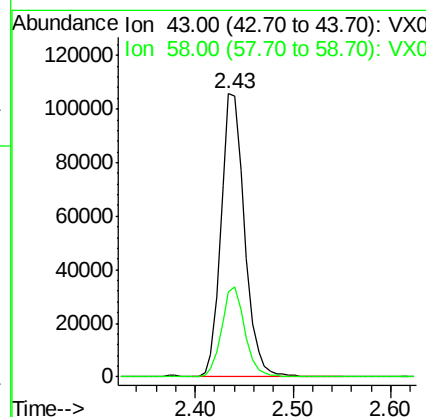
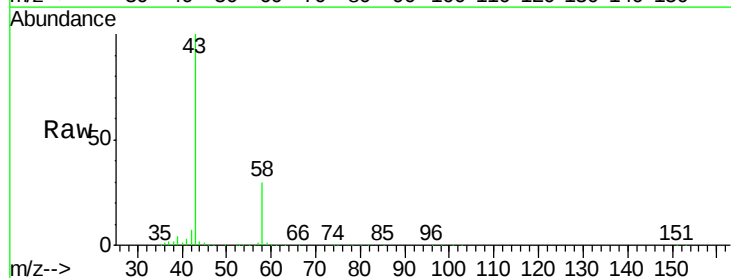
RT: 2.43 min Scan# 210

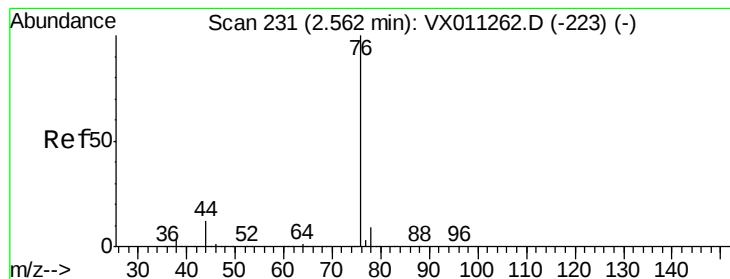
Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 175916 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 30.2  | 27.4  | 41.0   |





#17

Carbon Disulfide

Concen: 41.225 ug/l

RT: 2.56 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 134763

Ion Ratio Lower Upper

76 100

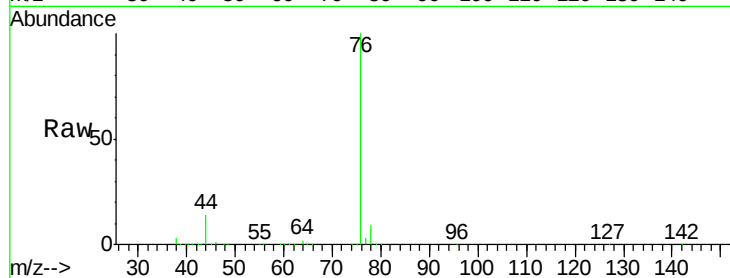
78 9.1 7.4 11.0

Manual Integrations

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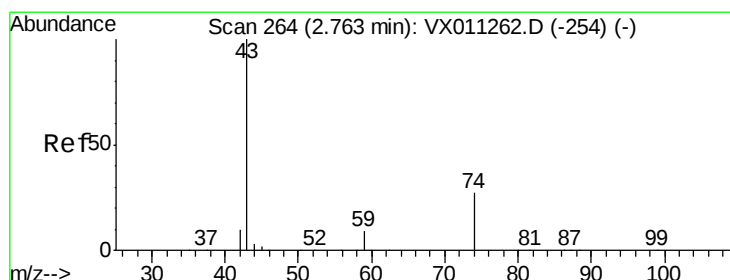
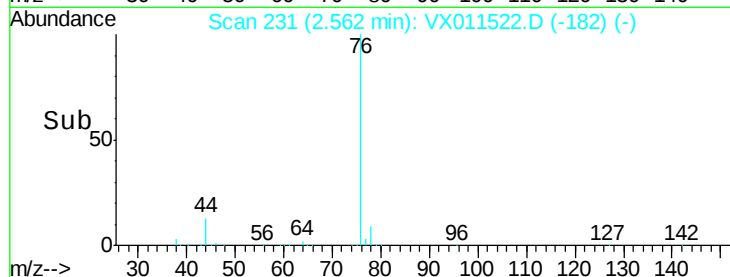
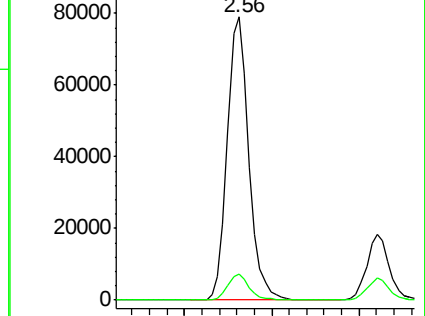
MMDadoda

8/14/2019 9:12:20 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 57.838 ug/l

RT: 2.77 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX011522.D

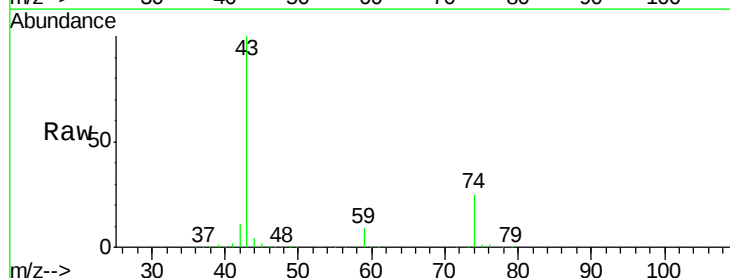
Acq: 13 Aug 2019 07:04

Tgt Ion: 43 Resp: 97003

Ion Ratio Lower Upper

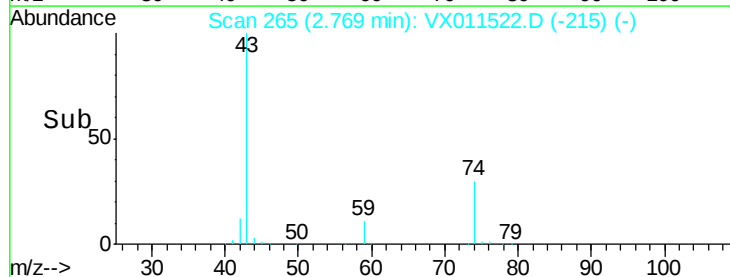
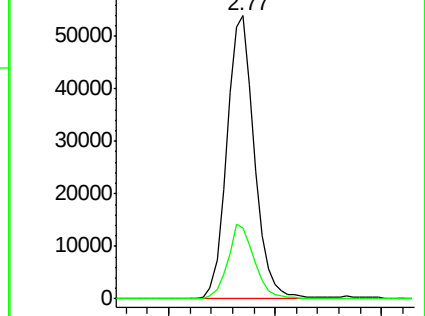
43 100

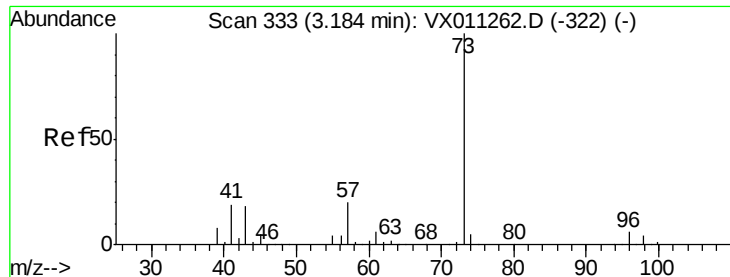
74 25.9 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





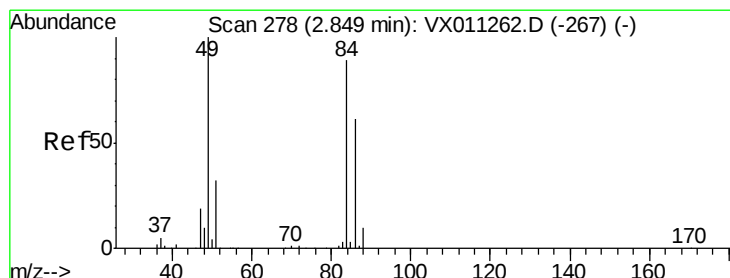
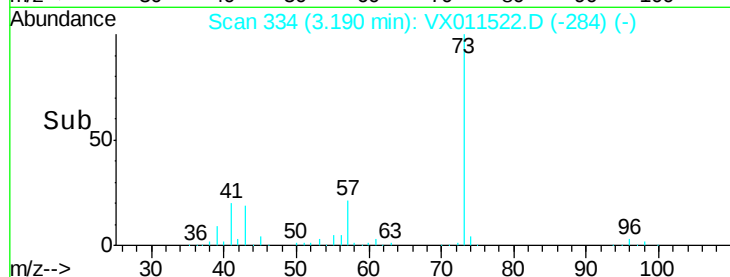
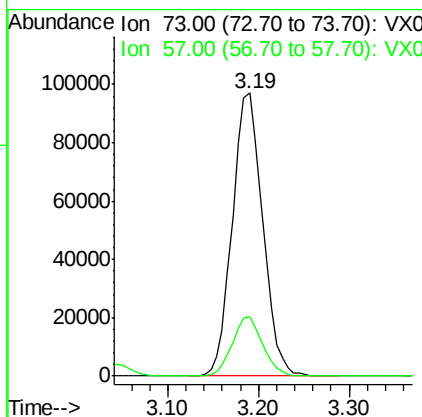
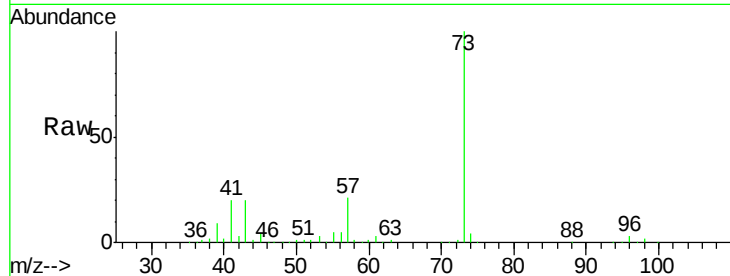
#19  
Methvl tert-butvl Ether  
Concen: 54.969 ug/l  
RT: 3.19 min Scan# 334  
Delta R.T. 0.01 min  
Lab File: VX011522.D  
Acq: 13 Aug 2019 07:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 73 Resp: 225655  
Ion Ratio Lower Upper  
73 100  
57 20.7 16.2 24.2

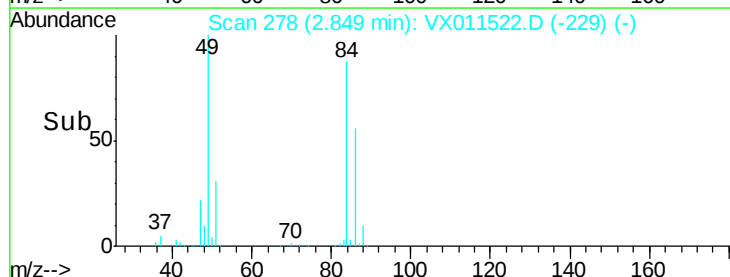
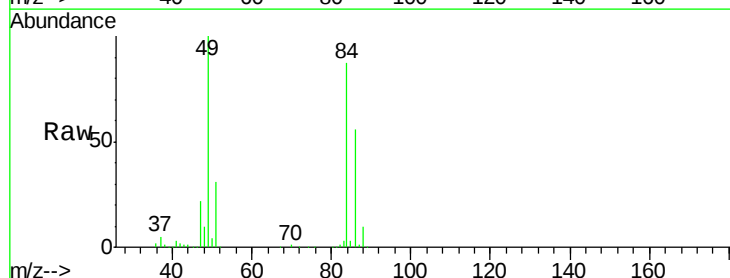
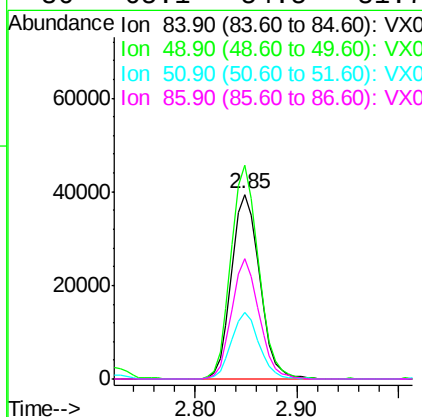
Manual Integrations  
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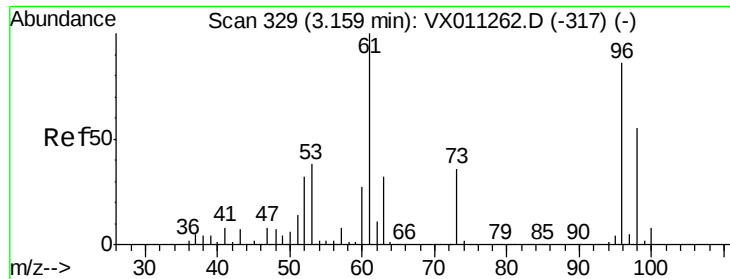
MMDadoda  
8/14/2019 9:12:20 AM



#20  
Methylene Chloride  
Concen: 47.028 ug/l  
RT: 2.85 min Scan# 278  
Delta R.T. 0.00 min  
Lab File: VX011522.D  
Acq: 13 Aug 2019 07:04

Tgt Ion: 84 Resp: 75587  
Ion Ratio Lower Upper  
84 100  
49 115.5 89.3 133.9  
51 36.3 28.3 42.5  
86 65.1 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 46.323 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

Instrument :

MSVOA\_X

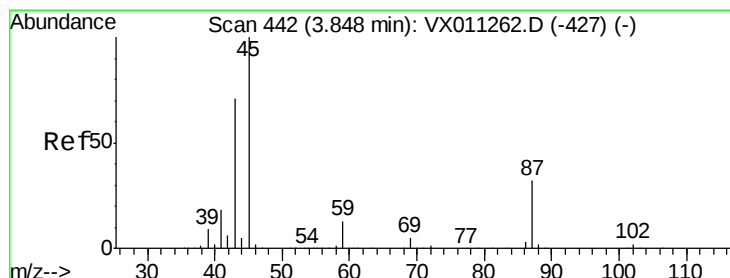
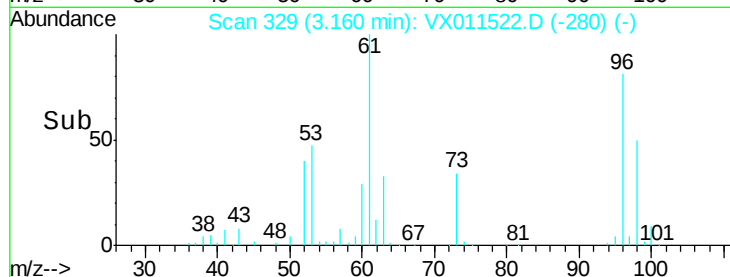
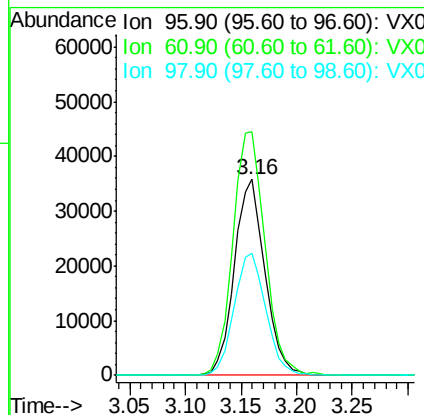
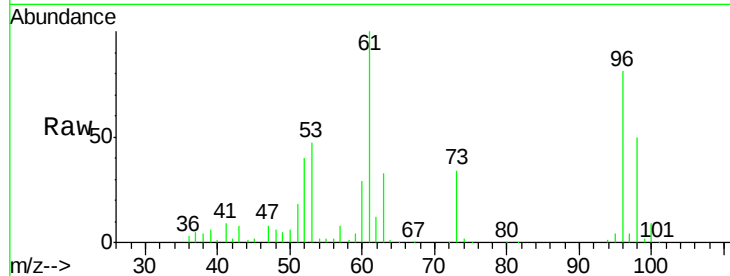
ClientSampleId :

VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 68260 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 124.2 | 92.8  | 139.2 |
| 98       | 62.0  | 51.2  | 76.8  |

Manual Integrations  
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MMDadoda  
8/14/2019 9:12:20 AM



#22

Diisopropyl ether

Concen: 52.586 ug/l

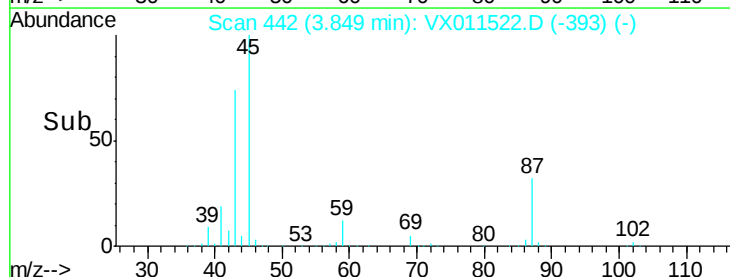
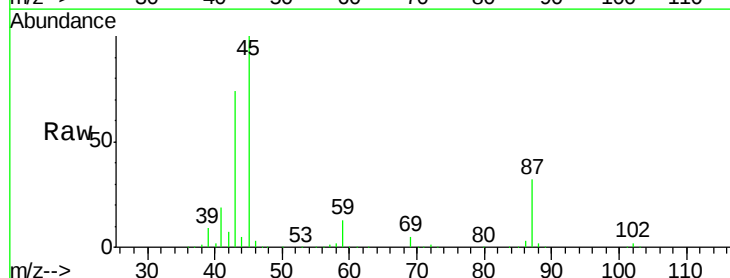
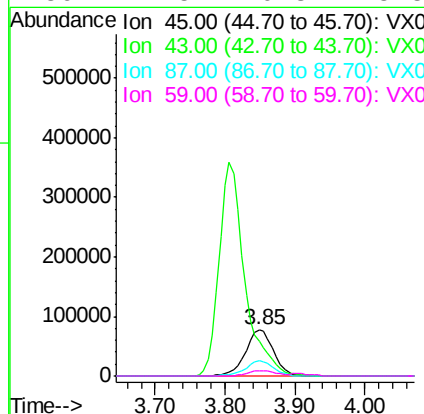
RT: 3.85 min Scan# 442

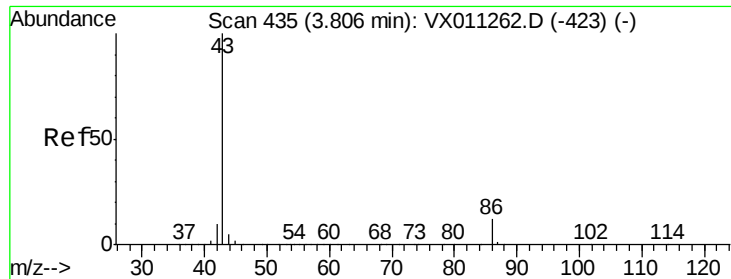
Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 214632 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 73.5  | 56.8  | 85.2   |
| 87       | 32.5  | 25.8  | 38.6   |
| 59       | 12.5  | 10.3  | 15.5   |





#23

Vinyl Acetate

Concen: 271.741 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 919916

Ion Ratio Lower Upper

43 100

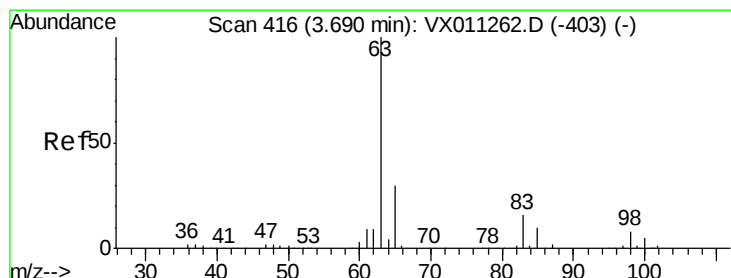
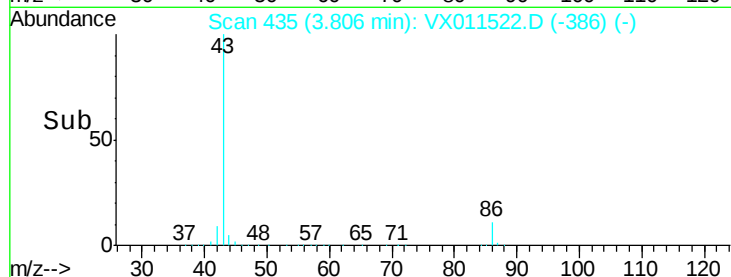
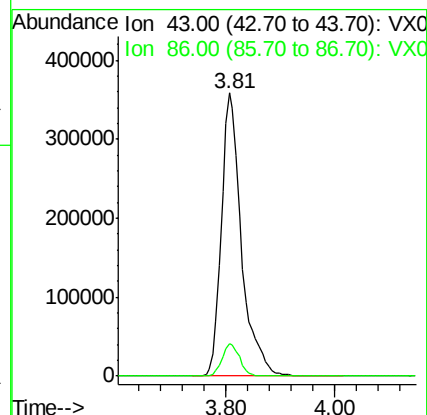
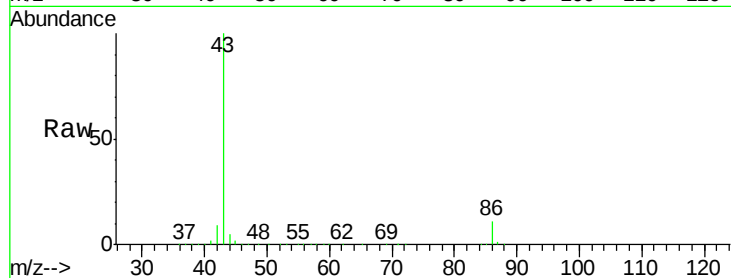
86 11.3 9.6 14.4

Manual Integrations

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MMDadoda

8/14/2019 9:12:20 AM



#24

1,1-Dichloroethane

Concen: 52.086 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

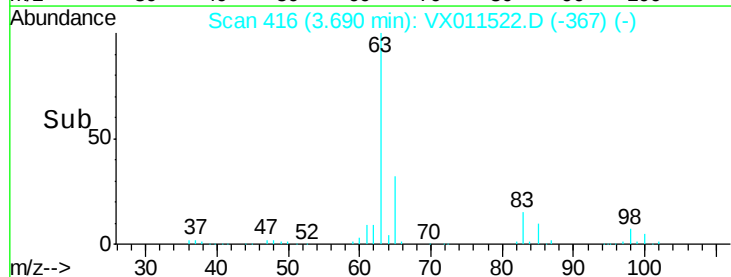
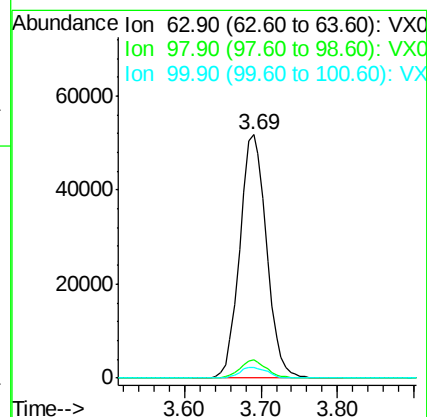
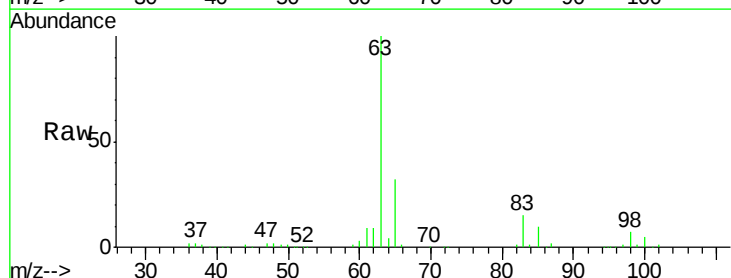
Tgt Ion: 63 Resp: 125357

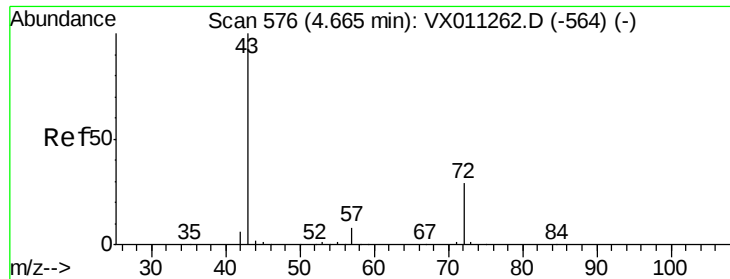
Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.5

100 4.6 2.7 8.1





#25

2-Butanone

Concen: 266.468 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 278184

Ion Ratio Lower Upper

43 100

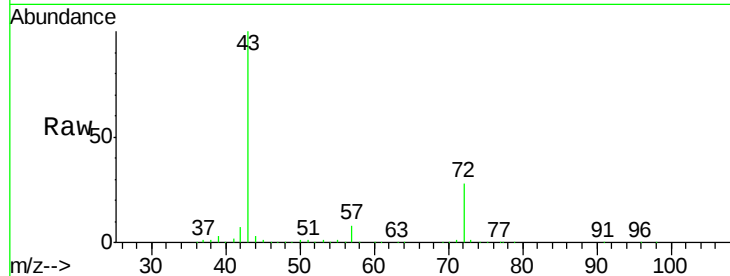
72 27.5 23.2 34.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

100000

80000

60000

40000

20000

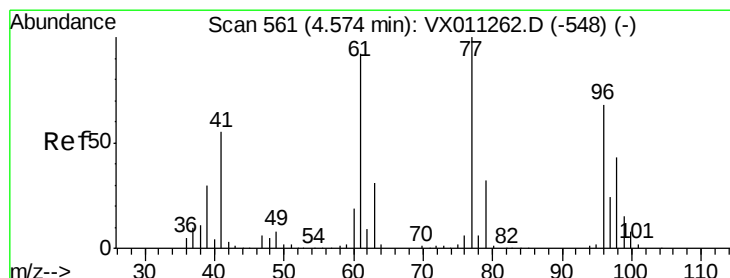
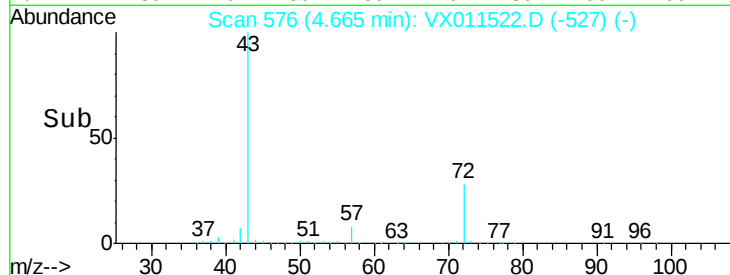
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 30.794 ug/l

RT: 4.57 min Scan# 561

Delta R.T. 0.00 min

Lab File: VX011522.D

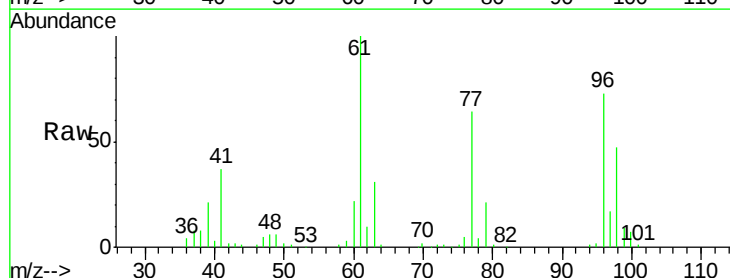
Acq: 13 Aug 2019 07:04

Tgt Ion: 77 Resp: 57612

Ion Ratio Lower Upper

77 100

97 26.3 12.8 38.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

20000

15000

10000

5000

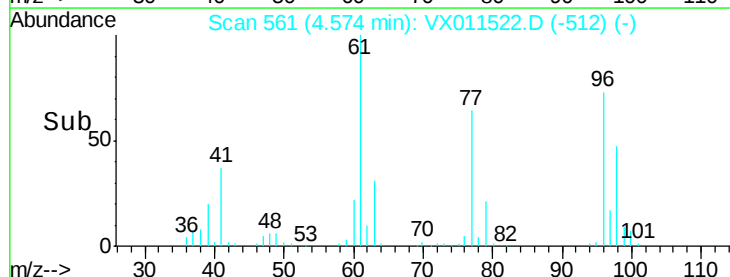
0

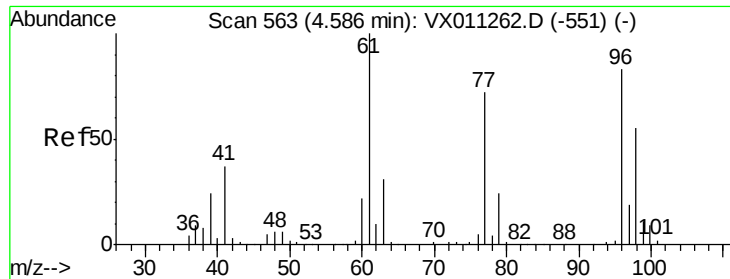
4.50

4.60

4.70

Time-->





#27

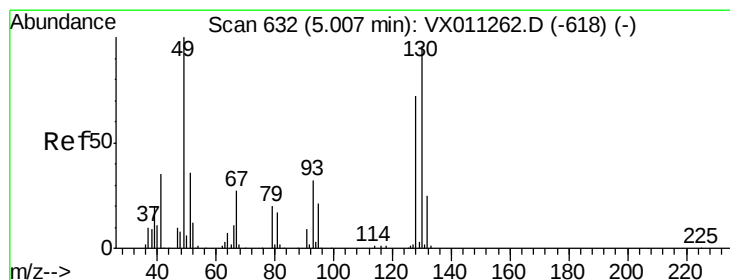
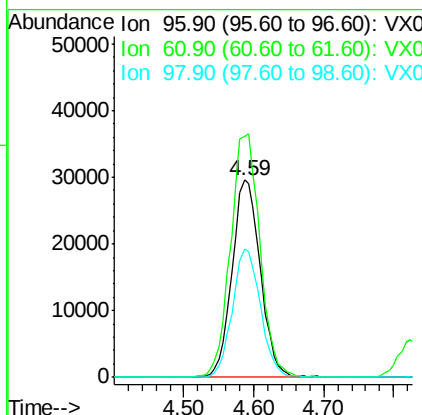
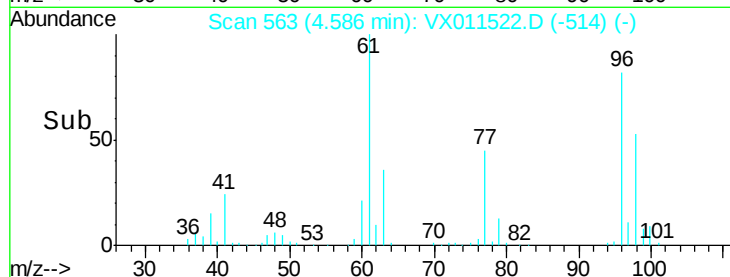
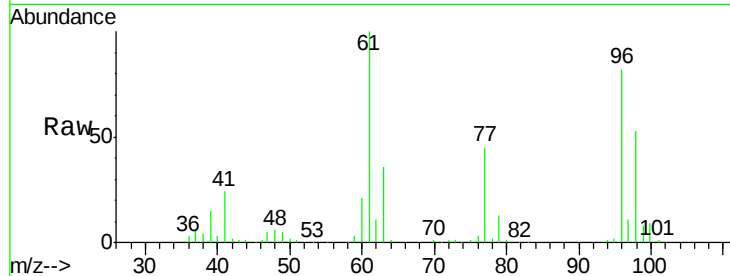
cis-1,2-Dichloroethene  
Concen: 49.080 ug/l  
RT: 4.59 min Scan# 563  
Delta R.T. 0.00 min  
Lab File: VX011522.D  
Acq: 13 Aug 2019 07:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 128.1 | 0.0   | 260.2 |
| 98      | 64.6  | 0.0   | 133.2 |

Manual Integrations  
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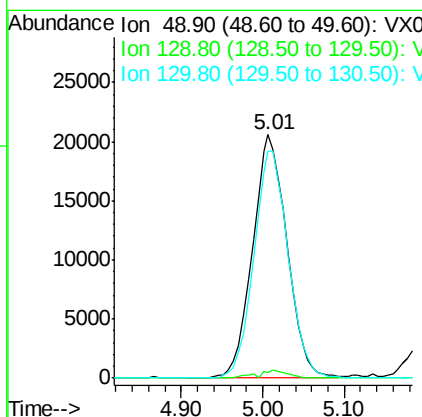
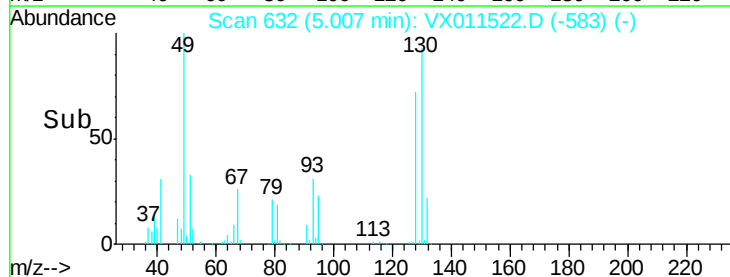
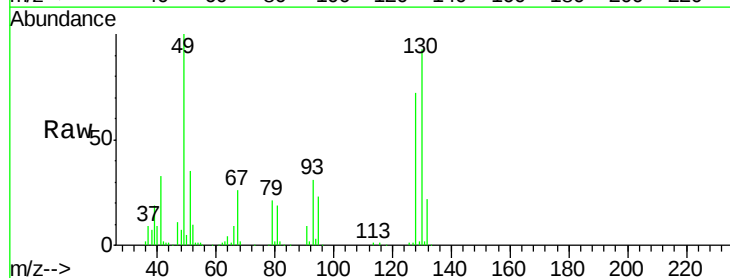
MMDadoda  
8/14/2019 9:12:20 AM

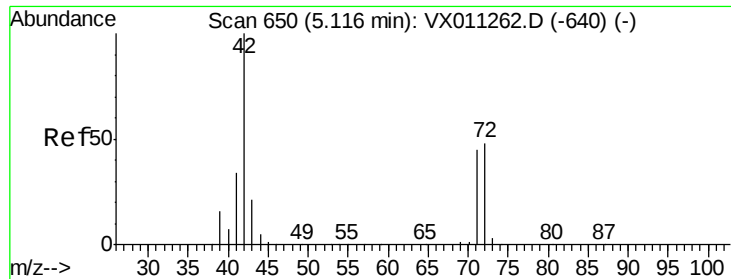


#28

Bromochloromethane  
Concen: 55.045 ug/l  
RT: 5.01 min Scan# 632  
Delta R.T. 0.00 min  
Lab File: VX011522.D  
Acq: 13 Aug 2019 07:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.7   | 0.0   | 5.8   |
| 130     | 93.3  | 77.9  | 116.9 |





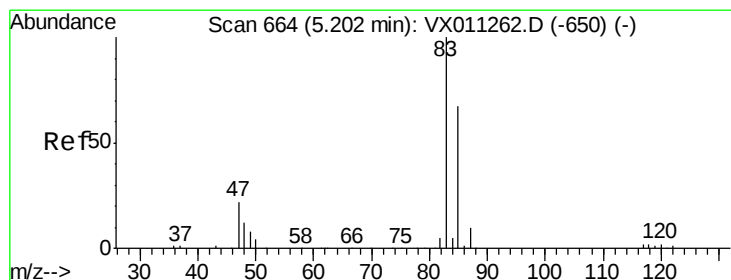
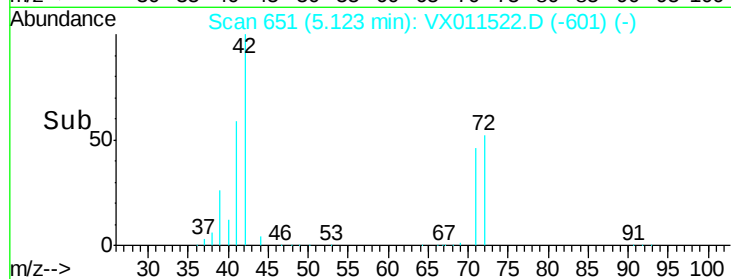
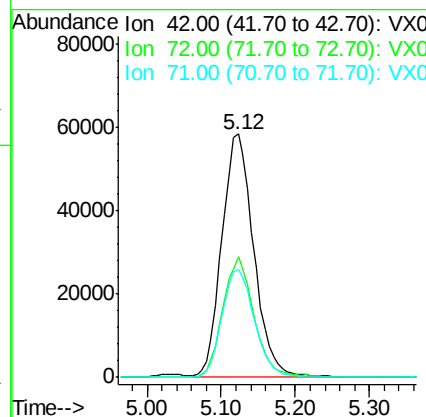
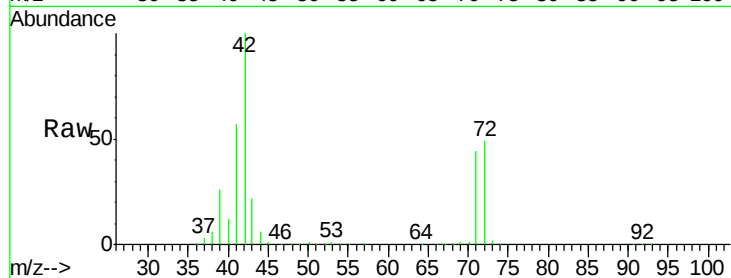
#29  
Tetrahydrofuran  
Concen: 270.392 ug/l  
RT: 5.12 min Scan# 651  
Delta R.T. 0.01 min  
Lab File: VX011522.D  
Acq: 13 Aug 2019 07:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 48.9  | 39.9  | 59.9  |
| 71      | 45.4  | 36.9  | 55.3  |

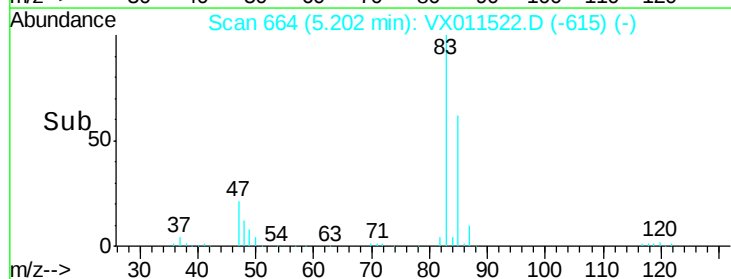
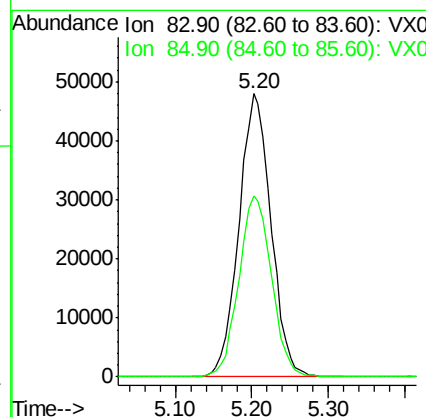
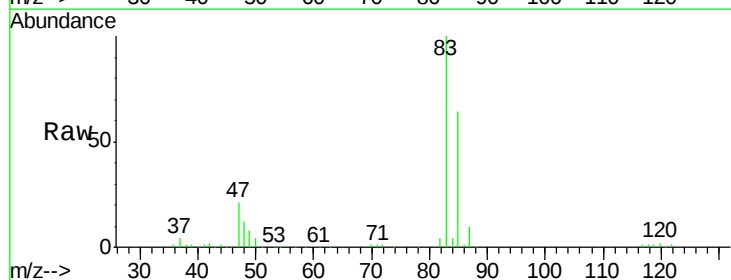
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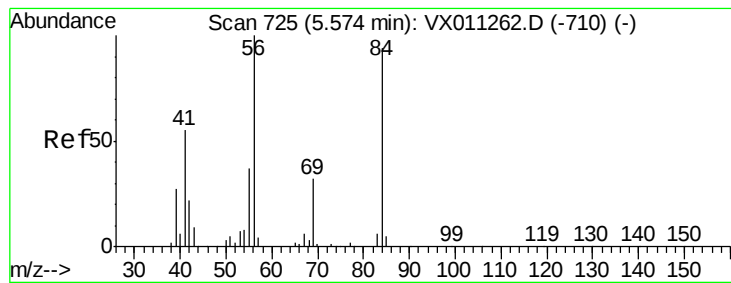
MMDadoda  
8/14/2019 9:12:20 AM



#30  
Chloroform  
Concen: 53.293 ug/l  
RT: 5.20 min Scan# 664  
Delta R.T. 0.00 min  
Lab File: VX011522.D  
Acq: 13 Aug 2019 07:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 63.7  | 53.4  | 80.0  |





#31

Cyclohexane

Concen: 46.868 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

Instrument :

MSVOA\_X

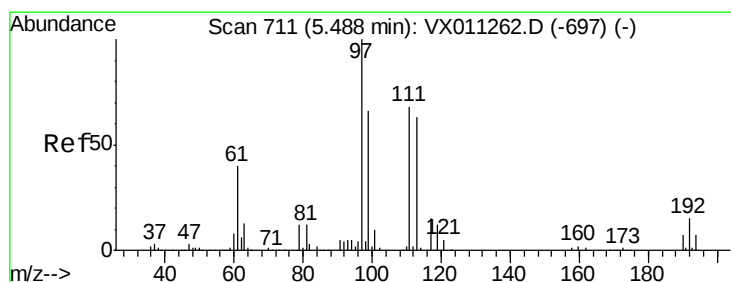
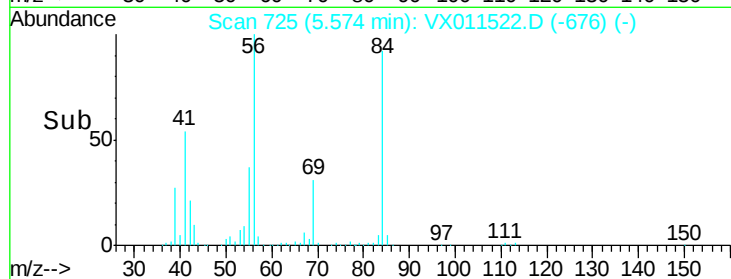
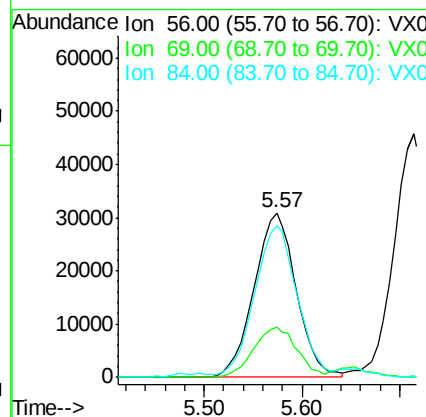
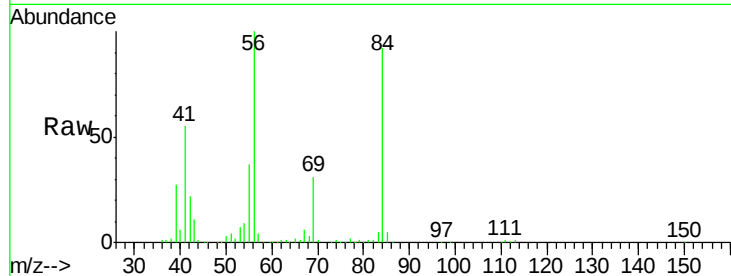
ClientSampleId :

VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 56    | Resp: | 93061 |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 30.8  | 25.5  | 38.3  |
| 84       | 90.0  | 75.0  | 112.4 |

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#32

1,1,1-Trichloroethane

Concen: 53.983 ug/l

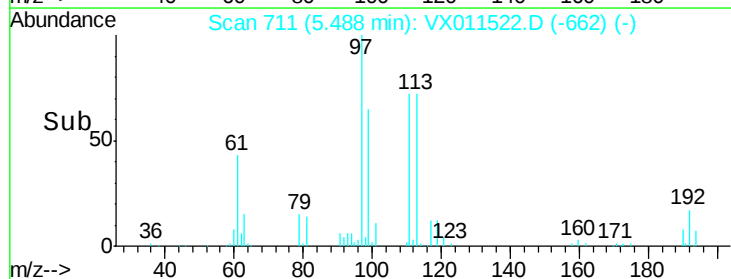
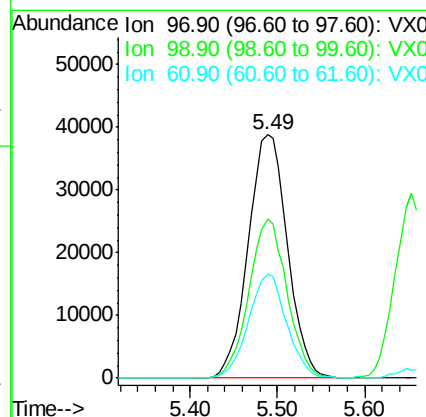
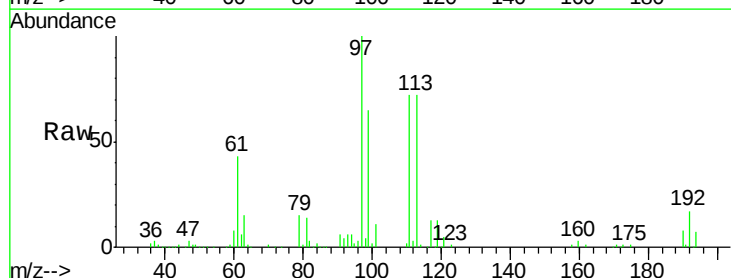
RT: 5.49 min Scan# 711

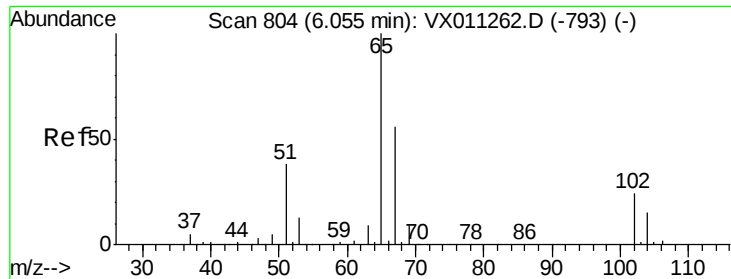
Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 120965 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 99       | 63.5  | 51.6  | 77.4   |
| 61       | 41.8  | 32.3  | 48.5   |





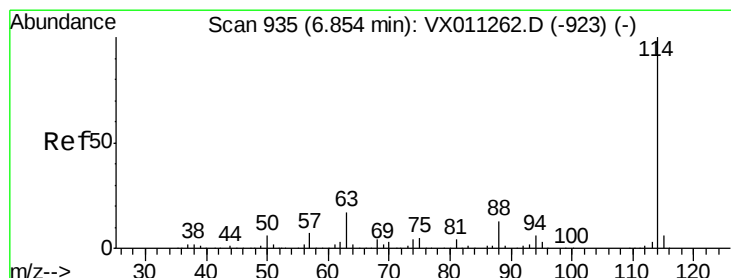
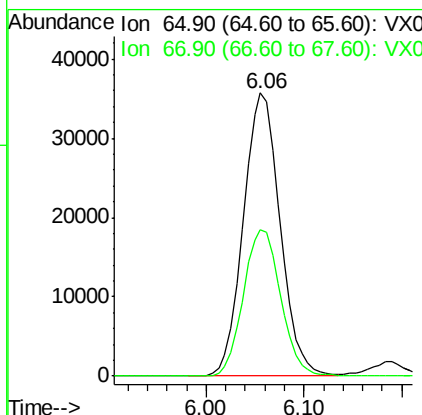
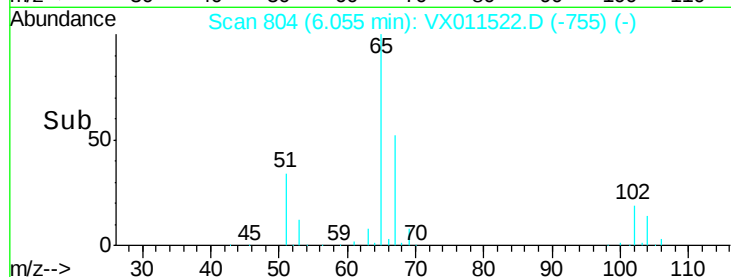
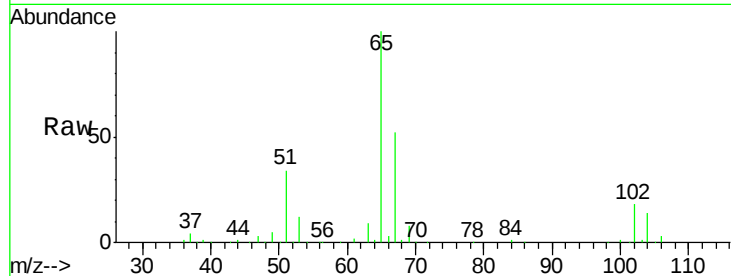
#33  
 1,2-Dichloroethane-d4  
 Concen: 60.528 ug/l  
 RT: 6.06 min Scan# 804  
 Delta R.T. 0.00 min  
 Lab File: VX011522.D  
 Acq: 13 Aug 2019 07:04

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 52.7  | 0.0   | 110.6 |

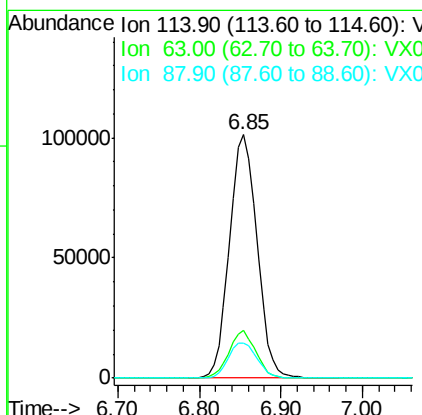
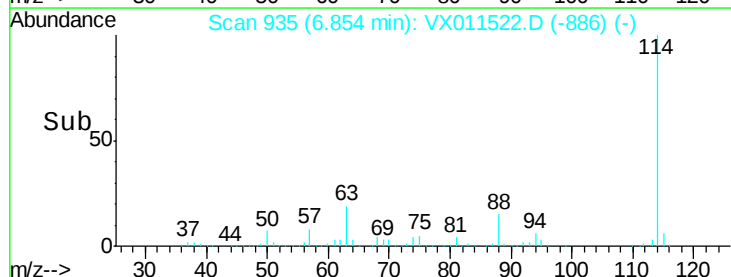
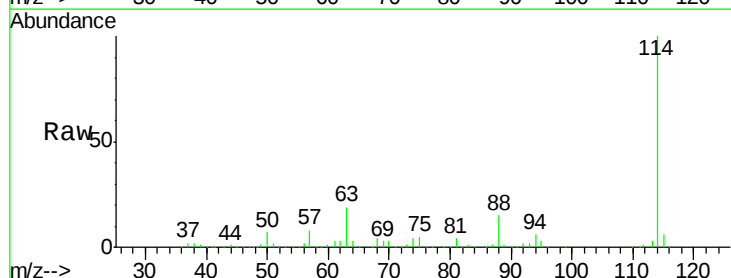
Manual Integrations  
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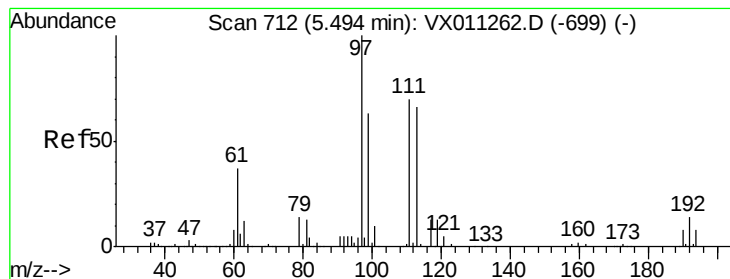
MMDadoda  
 8/14/2019 9:12:20 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.85 min Scan# 935  
 Delta R.T. 0.00 min  
 Lab File: VX011522.D  
 Acq: 13 Aug 2019 07:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 19.3  | 0.0   | 34.0  |
| 88      | 14.5  | 0.0   | 26.4  |





#35

Dibromofluoromethane

Concen: 52.488 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:113 Resp: 81081

Ion Ratio Lower Upper

113 100

111 101.2 81.9 122.9

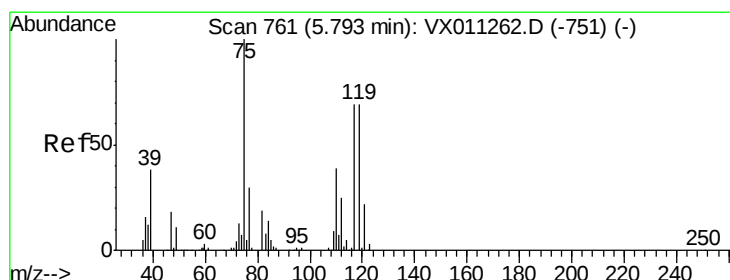
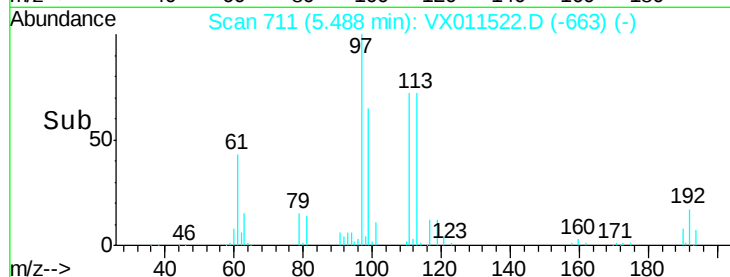
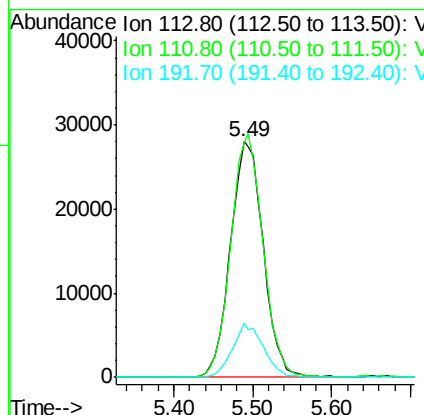
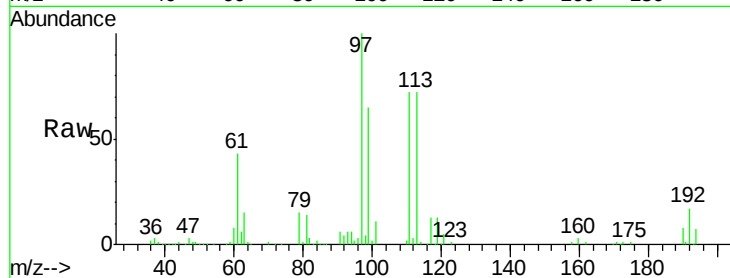
192 21.5 17.8 26.8

Manual Integrations

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#36

1,1-Dichloropropene

Concen: 45.187 ug/l

RT: 5.79 min Scan# 761

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

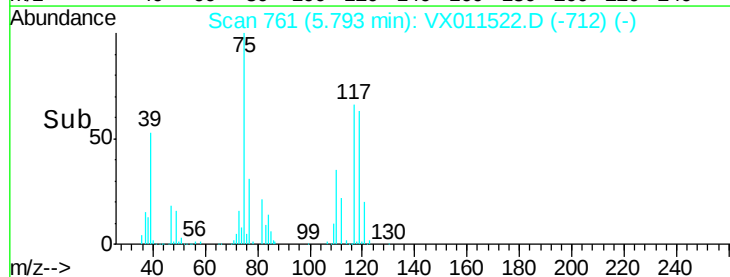
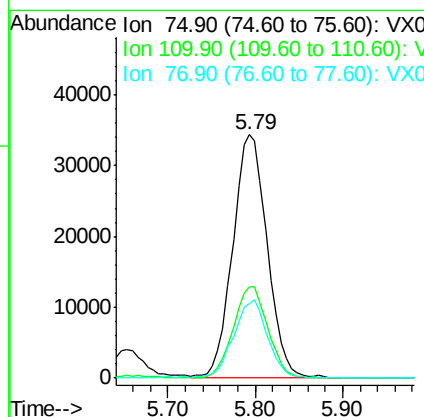
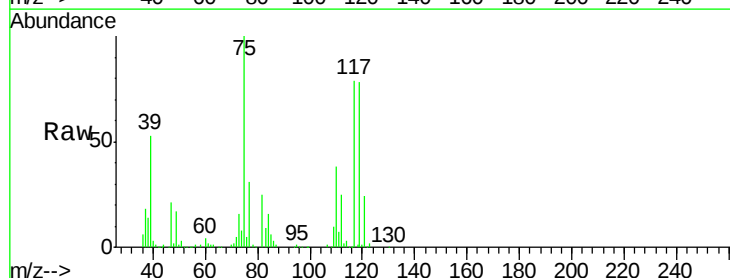
Tgt Ion: 75 Resp: 93347

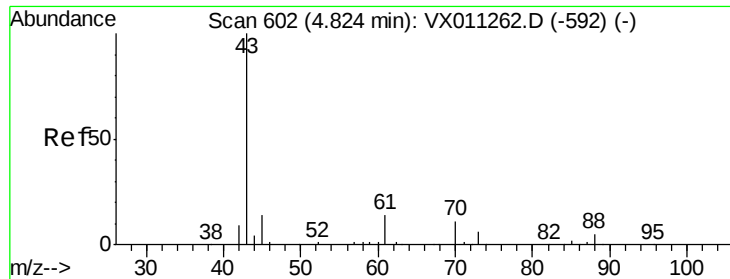
Ion Ratio Lower Upper

75 100

110 38.0 20.0 59.9

77 31.9 24.8 37.2





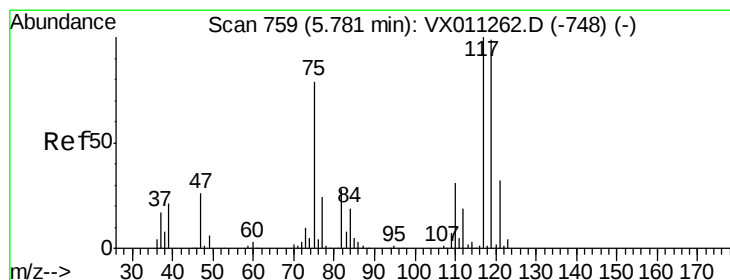
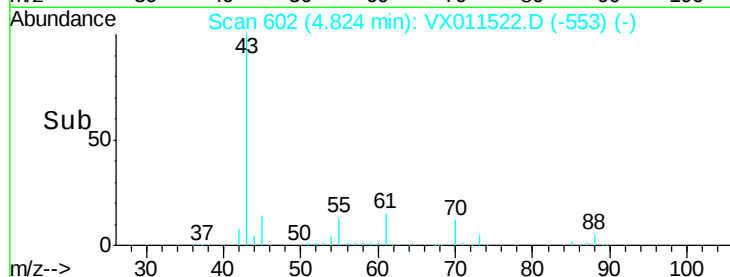
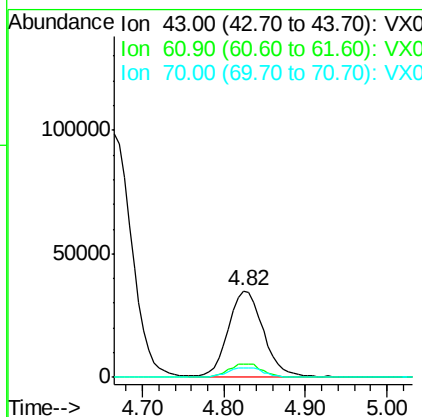
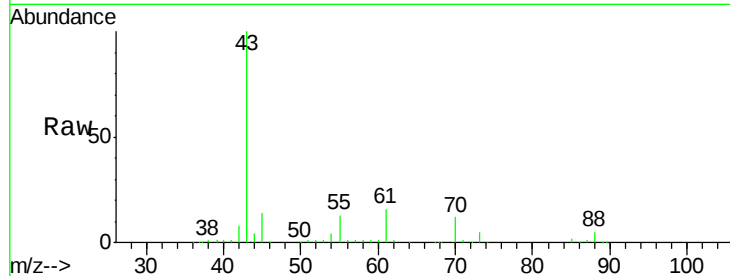
#37  
Ethyl Acetate  
Concen: 49.873 ug/l  
RT: 4.82 min Scan# 602  
Delta R.T. 0.00 min  
Lab File: VX011522.D  
Acq: 13 Aug 2019 07:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 15.6  | 12.6  | 18.8  |
| 70      | 11.6  | 9.1   | 13.7  |

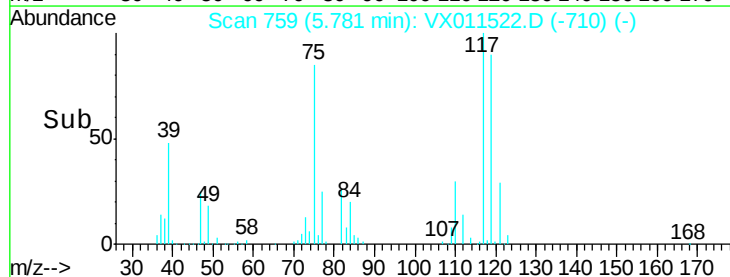
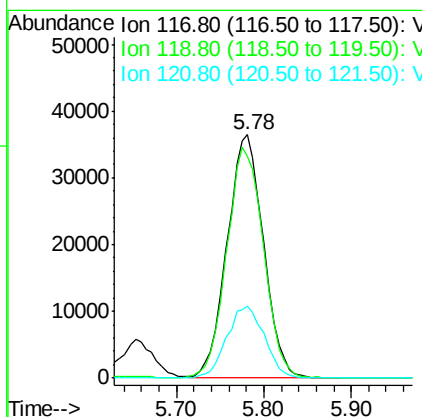
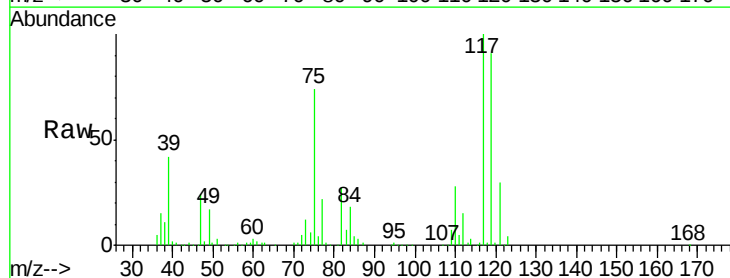
Manual Integrations  
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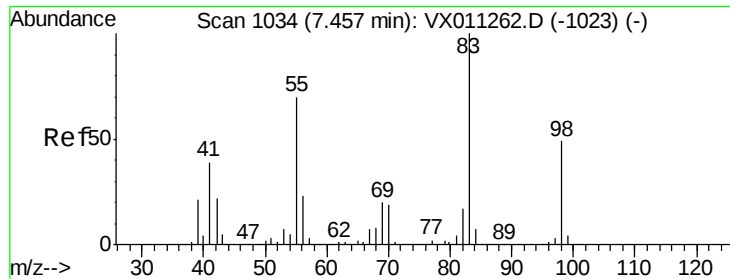
MMDadoda  
8/14/2019 9:12:20 AM



#38  
Carbon Tetrachloride  
Concen: 50.771 ug/l  
RT: 5.78 min Scan# 759  
Delta R.T. 0.00 min  
Lab File: VX011522.D  
Acq: 13 Aug 2019 07:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 91.3  | 79.0  | 118.4 |
| 121     | 29.8  | 25.9  | 38.9  |





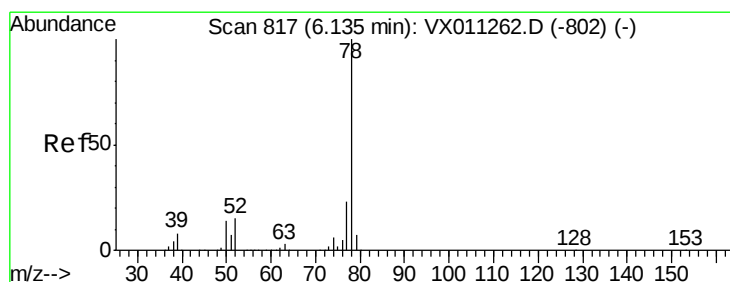
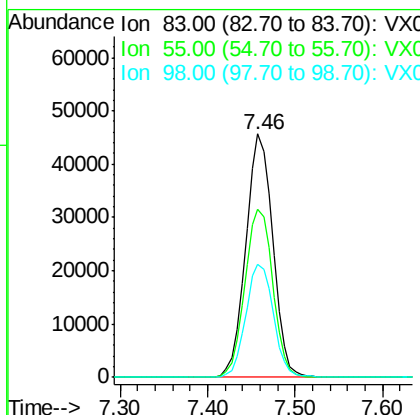
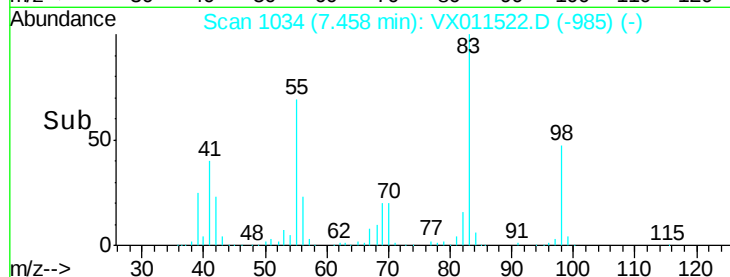
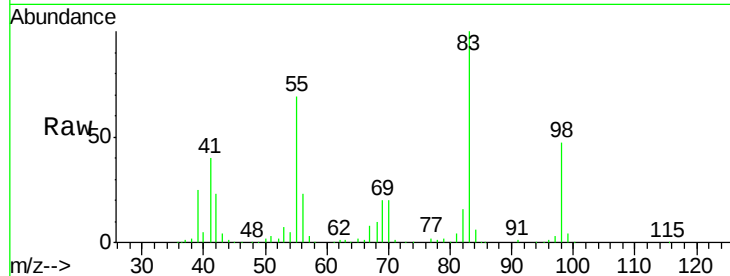
#39  
Methylvlcvclohexane  
Concen: 40.011 ug/l  
RT: 7.46 min Scan# 1034  
Delta R.T. 0.00 min  
Lab File: VX011522.D  
Acq: 13 Aug 2019 07:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 69.1  | 56.1  | 84.1  |
| 98      | 46.6  | 39.0  | 58.4  |

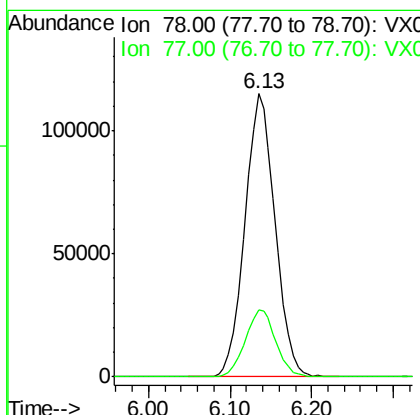
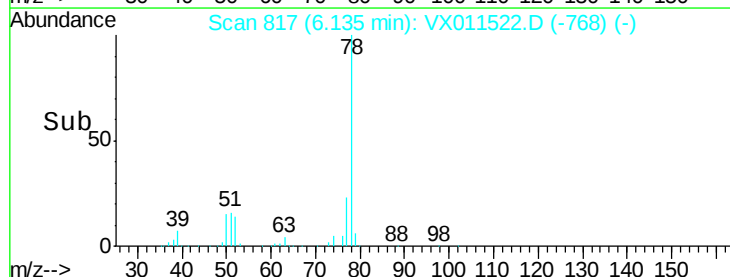
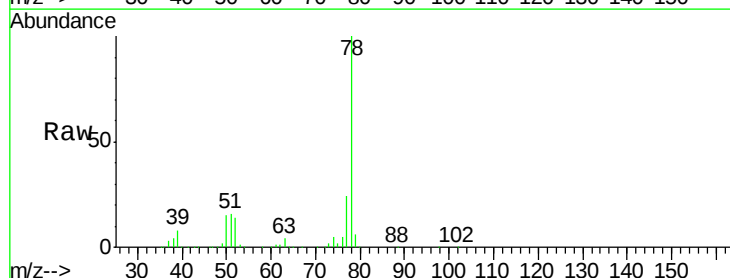
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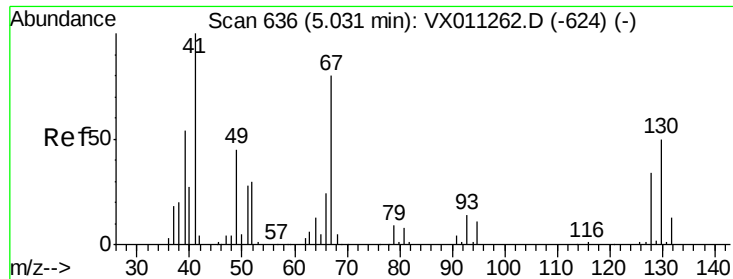
MMDadoda  
8/14/2019 9:12:20 AM



#40  
Benzene  
Concen: 48.049 ug/l  
RT: 6.13 min Scan# 817  
Delta R.T. 0.00 min  
Lab File: VX011522.D  
Acq: 13 Aug 2019 07:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.6  | 18.2  | 27.2  |





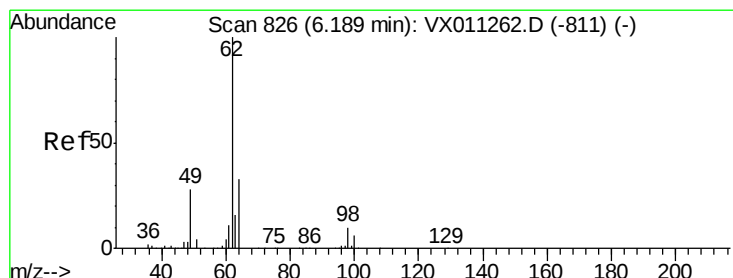
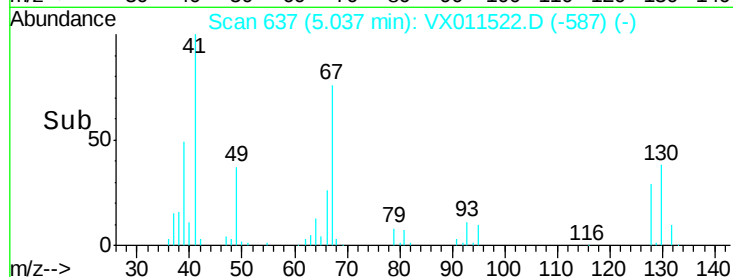
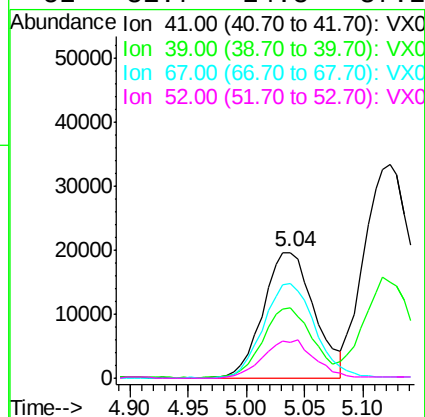
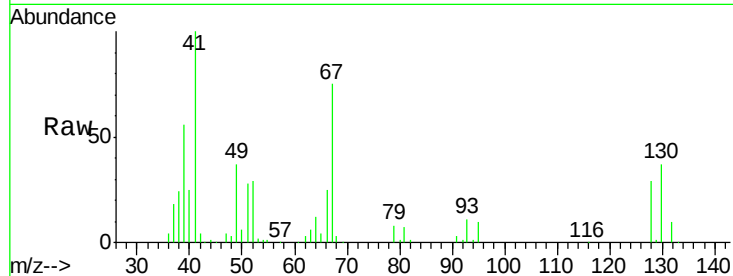
#41  
Methacrylonitrile  
Concen: 52.845 ug/l  
RT: 5.04 min Scan# 637  
Delta R.T. 0.01 min  
Lab File: VX011522.D  
Acq: 13 Aug 2019 07:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 54.5 | 43.0  | 64.6  |       |
| 67      | 76.4 | 65.1  | 97.7  |       |
| 52      | 31.7 | 24.8  | 37.2  |       |

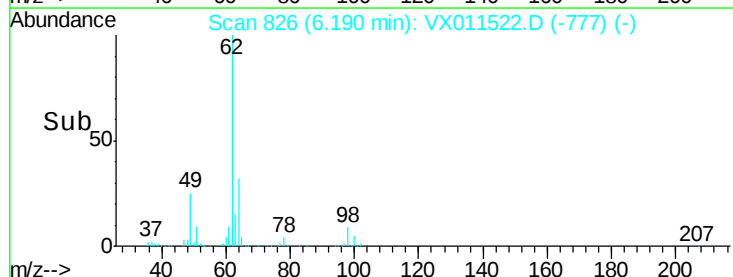
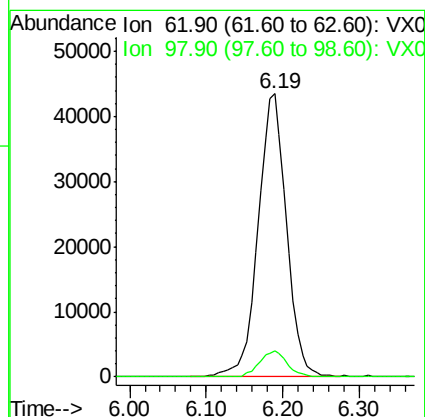
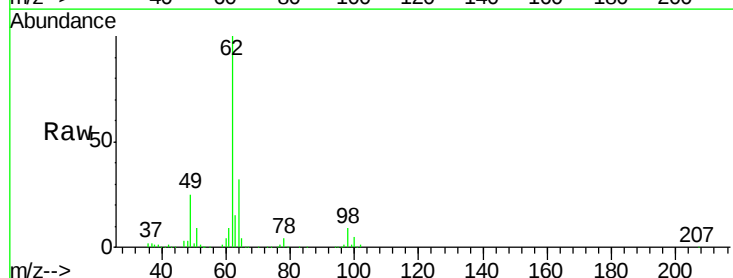
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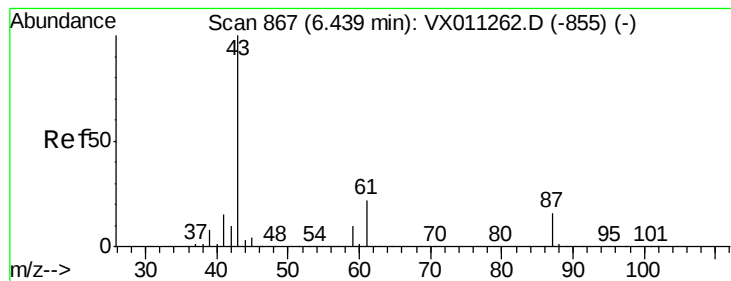
MMDadoda  
8/14/2019 9:12:20 AM



#42  
1,2-Dichloroethane  
Concen: 54.159 ug/l  
RT: 6.19 min Scan# 826  
Delta R.T. 0.00 min  
Lab File: VX011522.D  
Acq: 13 Aug 2019 07:04

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 62      | 100 |       |       |       |
| 98      | 9.0 | 0.0   | 20.6  |       |





#43

Isopropyl Acetate

Concen: 50.910 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

Instrument :

MSVOA\_X

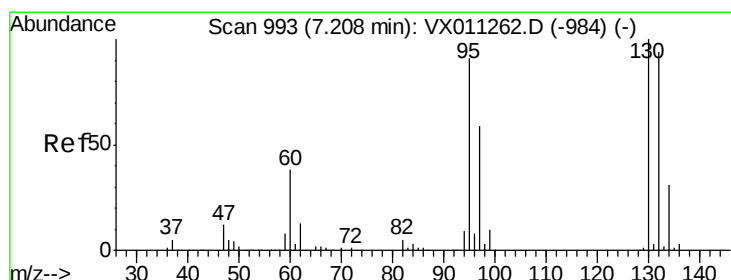
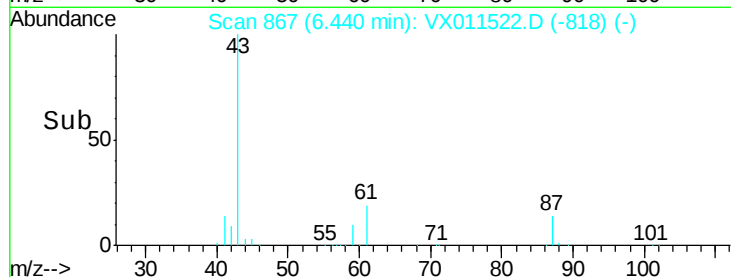
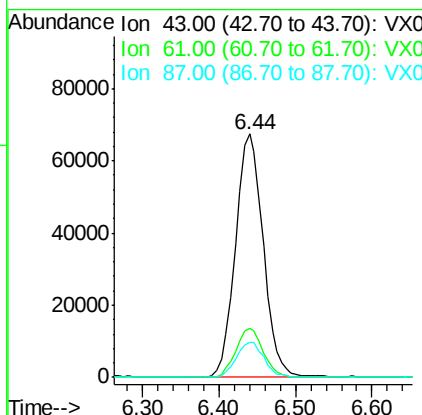
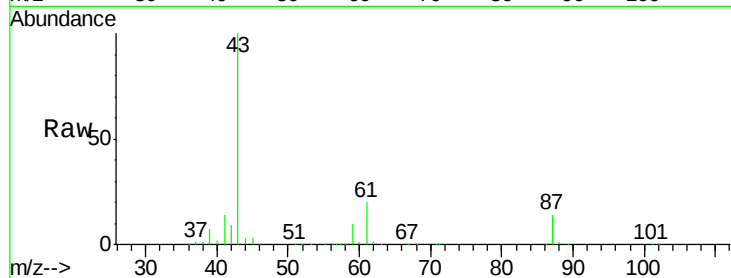
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 168658 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 20.1  | 16.5  | 24.7   |
| 87       | 14.6  | 12.1  | 18.1   |

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#44

Trichloroethene

Concen: 44.968 ug/l

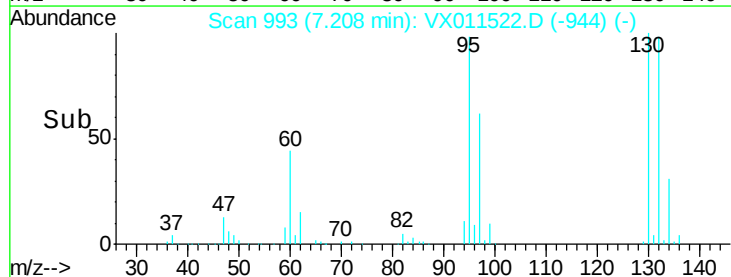
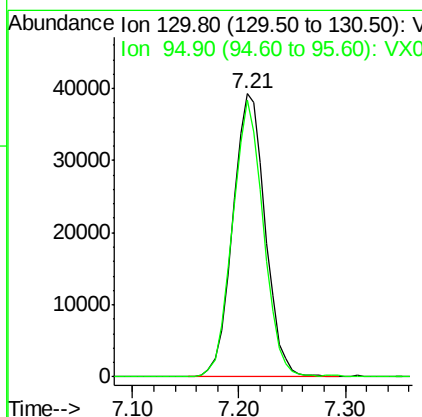
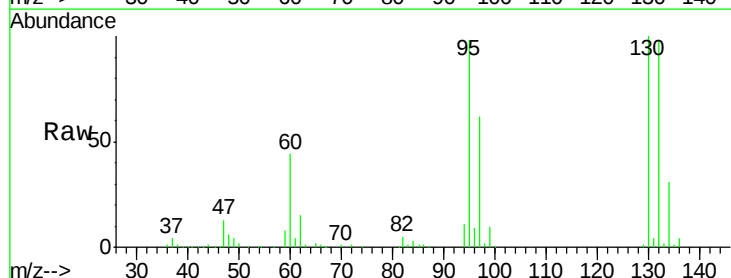
RT: 7.21 min Scan# 993

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 83905 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 97.9  | 0.0   | 182.6 |





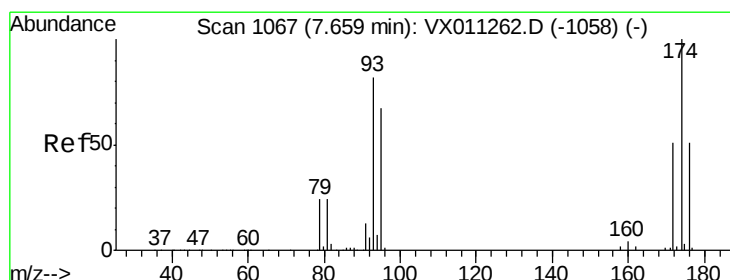
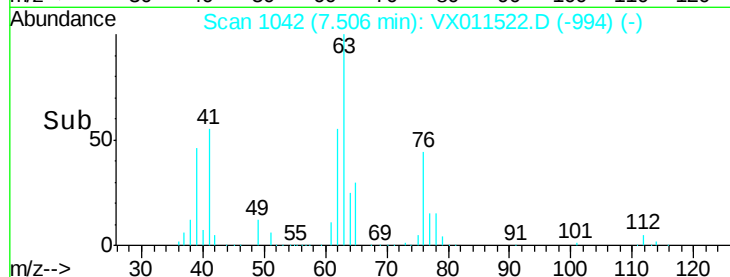
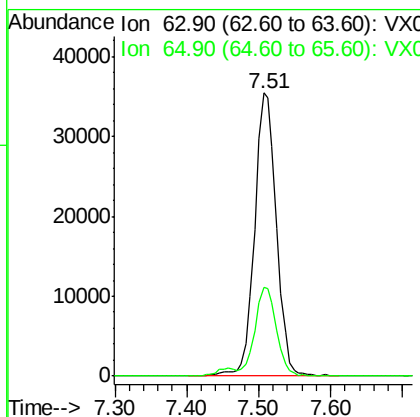
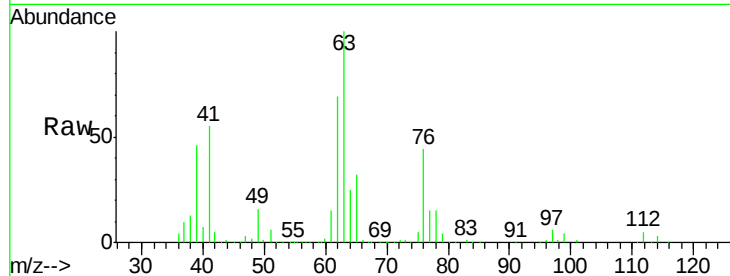
#45  
 1,2-Dichloropropane  
 Concen: 46.852 ug/l  
 RT: 7.51 min Scan# 1042  
 Delta R.T. -0.01 min  
 Lab File: VX011522.D  
 Acq: 13 Aug 2019 07:04

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 63 Resp: 74798  
 Ion Ratio Lower Upper  
 63 100  
 65 31.6 23.3 34.9

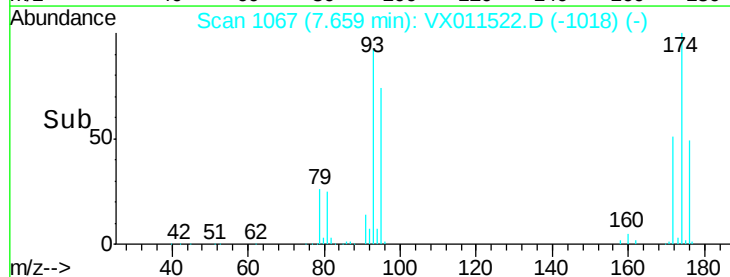
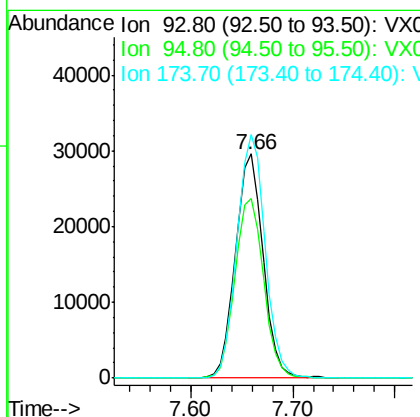
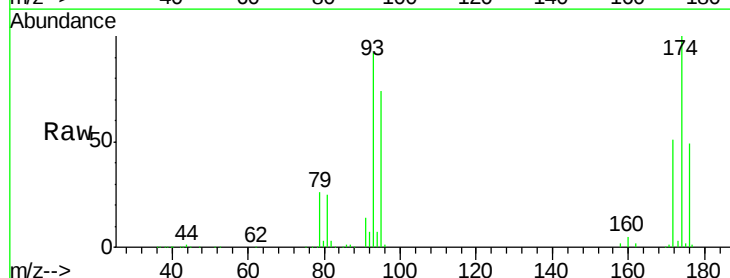
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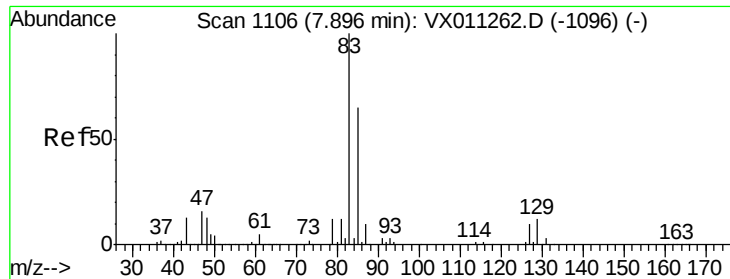
MMDadoda  
 8/14/2019 9:12:20 AM



#46  
 Dibromomethane  
 Concen: 47.693 ug/l  
 RT: 7.66 min Scan# 1067  
 Delta R.T. 0.00 min  
 Lab File: VX011522.D  
 Acq: 13 Aug 2019 07:04

Tgt Ion: 93 Resp: 55584  
 Ion Ratio Lower Upper  
 93 100  
 95 83.1 66.4 99.6  
 174 110.4 93.4 140.2





#47

Bromodichloromethane

Concen: 52.742 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 104072

Ion Ratio Lower Upper

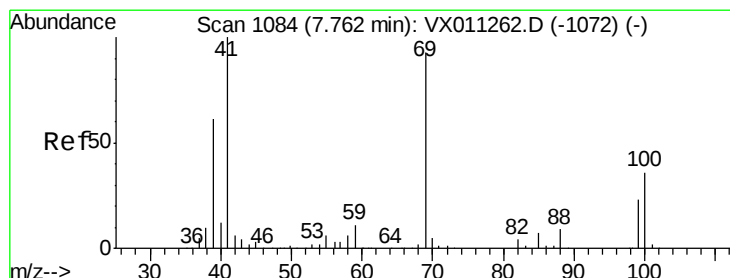
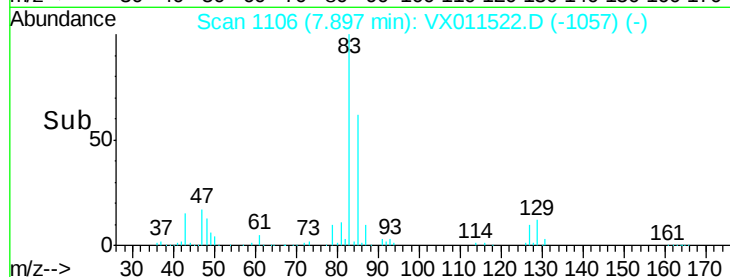
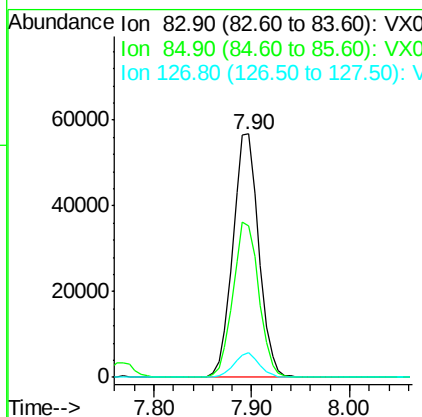
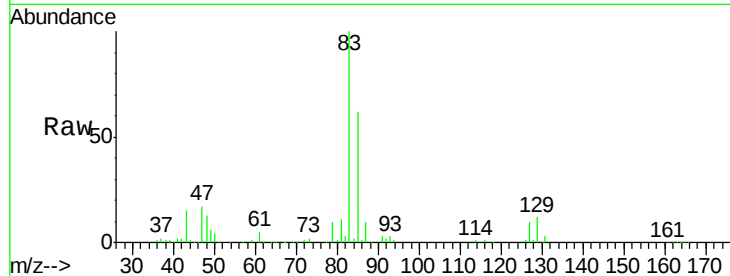
83 100

85 62.3 52.2 78.2

127 10.0 7.8 11.8

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#48

Methyl methacrylate

Concen: 54.074 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

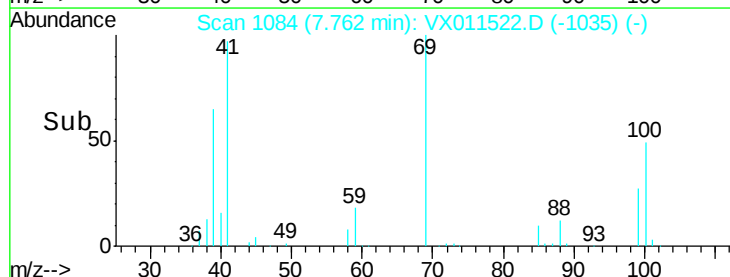
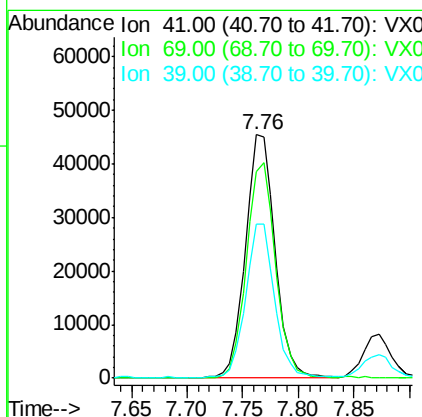
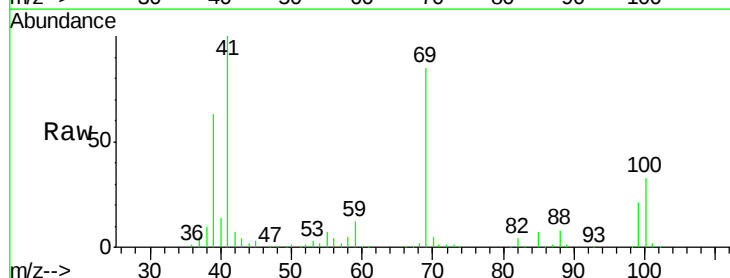
Tgt Ion: 41 Resp: 84305

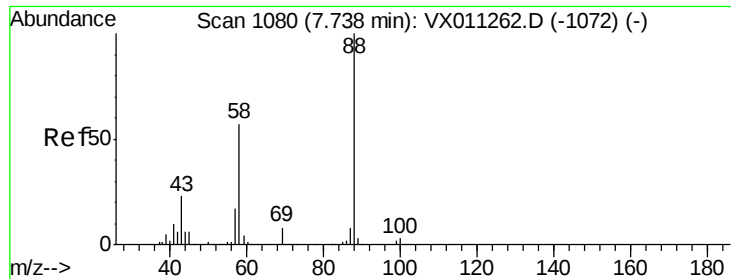
Ion Ratio Lower Upper

41 100

69 86.9 74.5 111.7

39 61.8 48.6 72.8





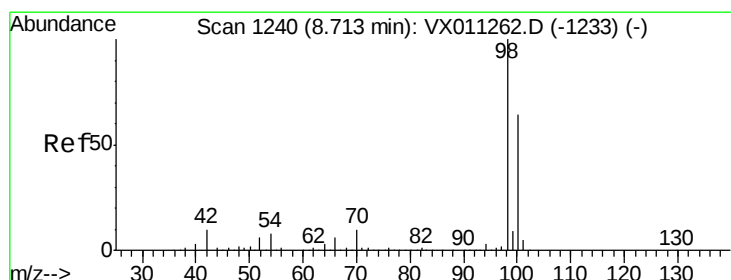
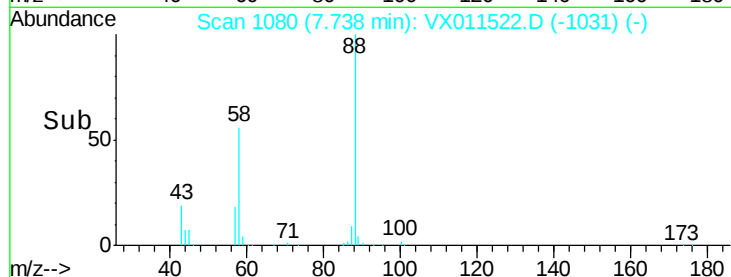
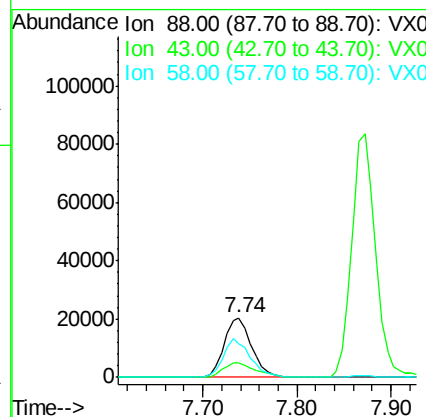
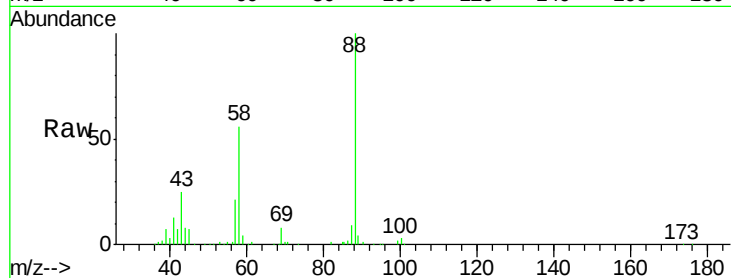
#49  
1,4-Dioxane  
Concen: 912.630 ug/l  
RT: 7.74 min Scan# 1080  
Delta R.T. 0.00 min  
Lab File: VX011522.D  
Acq: 13 Aug 2019 07:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 29.1  | 22.2  | 33.2  |
| 58      | 64.2  | 47.8  | 71.8  |

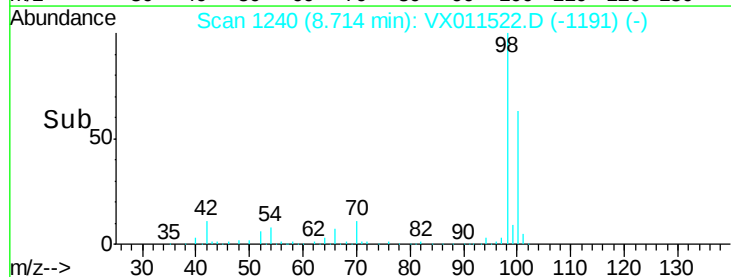
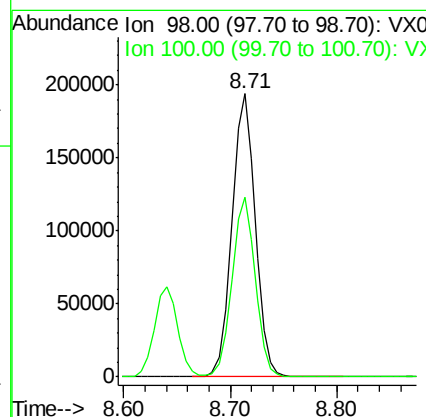
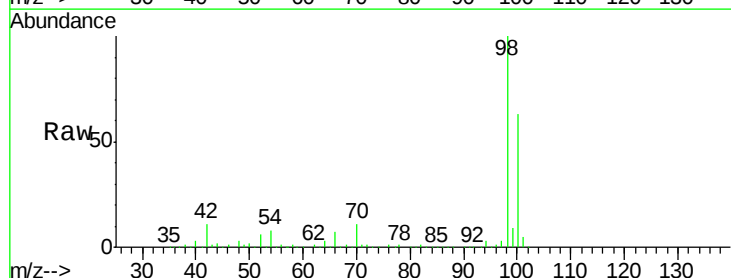
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#50  
Toluene-d8  
Concen: 51.044 ug/l  
RT: 8.71 min Scan# 1240  
Delta R.T. 0.00 min  
Lab File: VX011522.D  
Acq: 13 Aug 2019 07:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 63.4  | 51.7  | 77.5  |





#51

4-Methyl-2-Pentanone

Concen: 266.245 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 569232

Ion Ratio Lower Upper

43 100

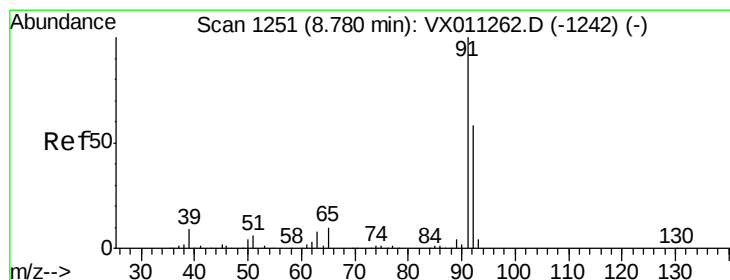
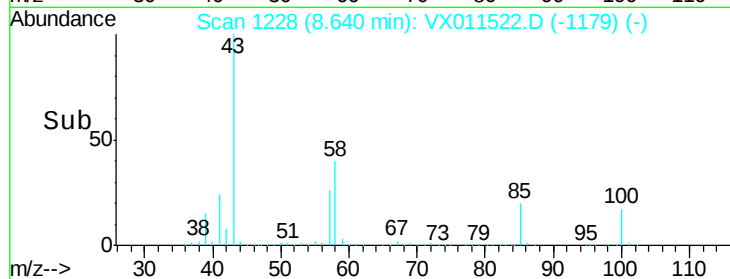
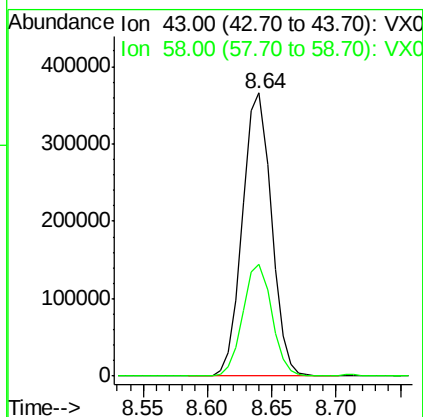
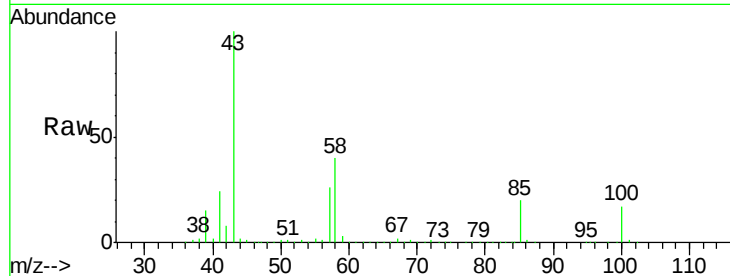
58 39.5 32.3 48.5

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#52

Toluene

Concen: 47.882 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011522.D

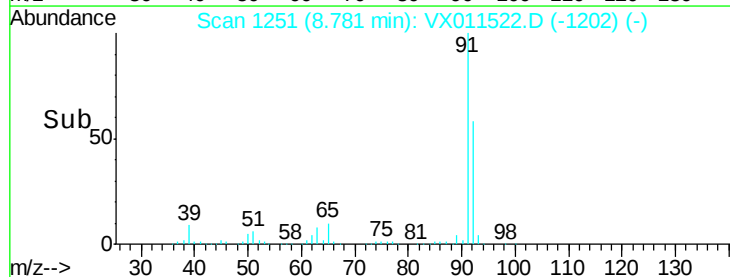
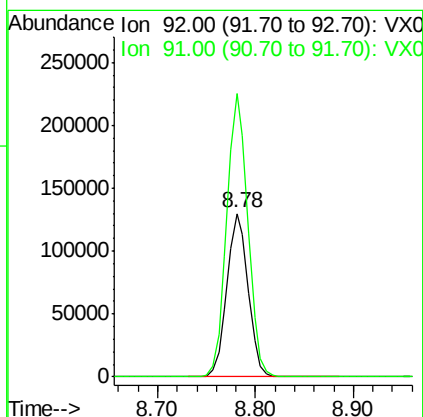
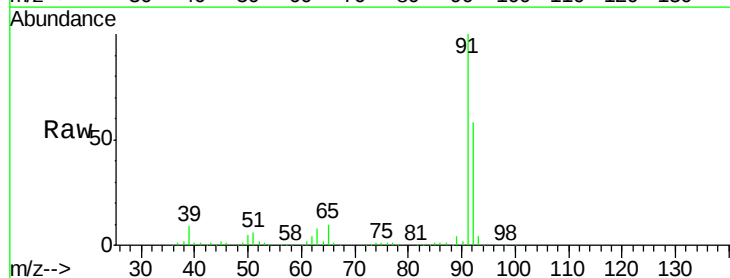
Acq: 13 Aug 2019 07:04

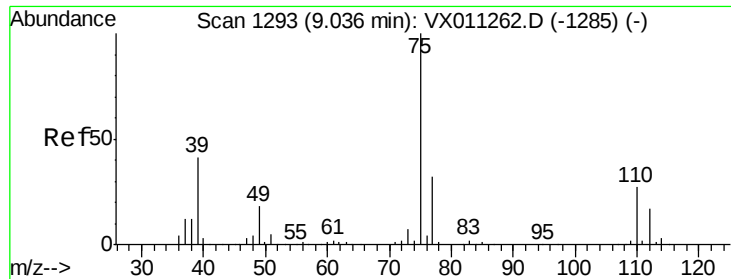
Tgt Ion: 92 Resp: 195155

Ion Ratio Lower Upper

92 100

91 172.9 139.4 209.0





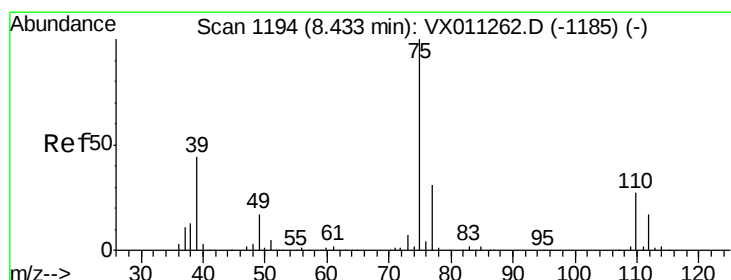
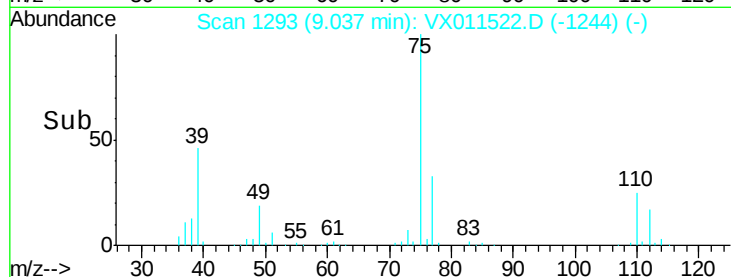
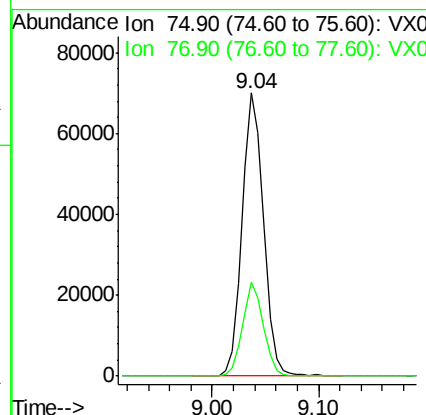
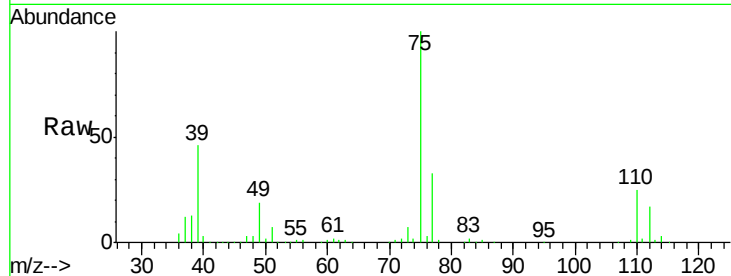
#53  
t-1,3-Dichloropropene  
Concen: 43.583 ug/l  
RT: 9.04 min Scan# 1293  
Delta R.T. 0.00 min  
Lab File: VX011522.D  
Acq: 13 Aug 2019 07:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 33.2  | 25.4  | 38.0  |

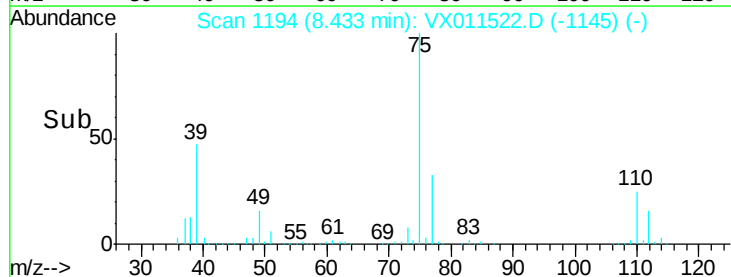
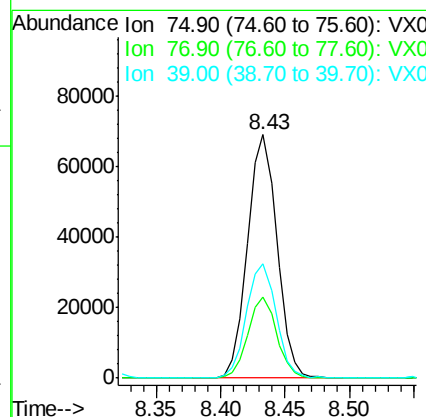
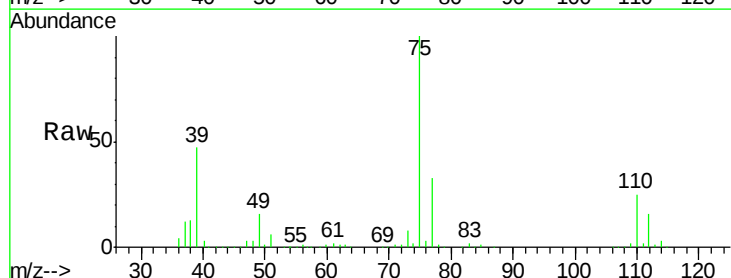
Manual Integrations  
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#54  
cis-1,3-Dichloropropene  
Concen: 47.275 ug/l  
RT: 8.43 min Scan# 1194  
Delta R.T. 0.00 min  
Lab File: VX011522.D  
Acq: 13 Aug 2019 07:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 33.3  | 25.0  | 37.6  |
| 39      | 46.9  | 35.3  | 52.9  |





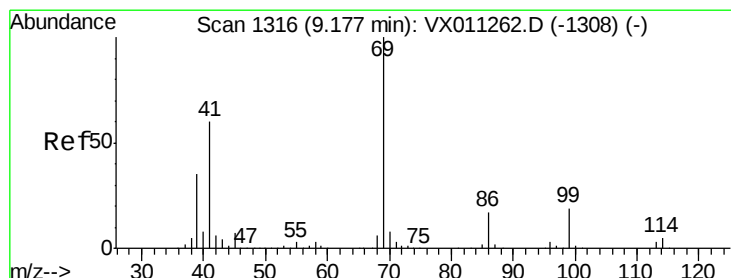
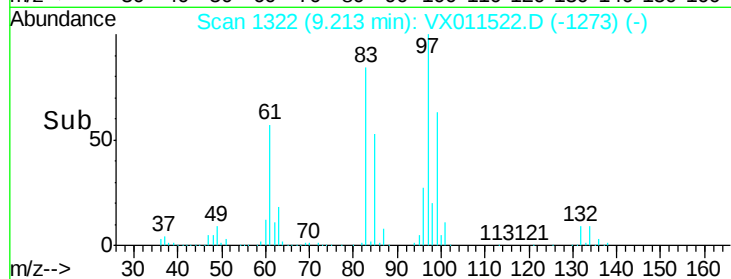
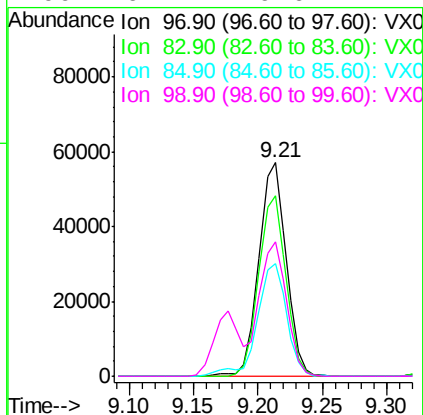
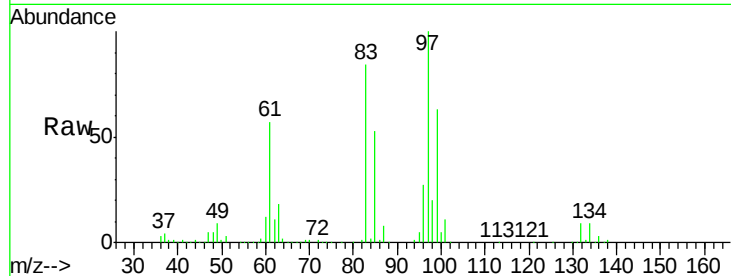
#55  
 1,1,2-Trichloroethane  
 Concen: 49.779 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. 0.00 min  
 Lab File: VX011522.D  
 Acq: 13 Aug 2019 07:04

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 83418 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 84.3  | 67.6  | 101.4 |
| 85       | 52.9  | 43.4  | 65.0  |
| 99       | 62.7  | 49.6  | 74.4  |

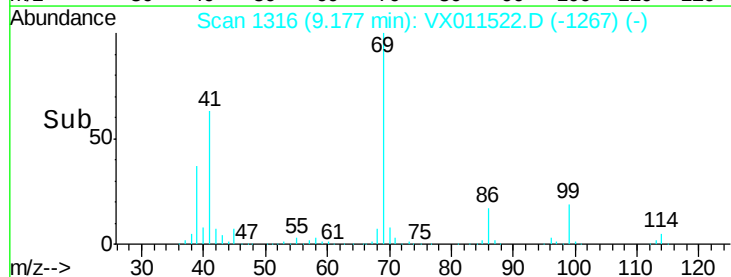
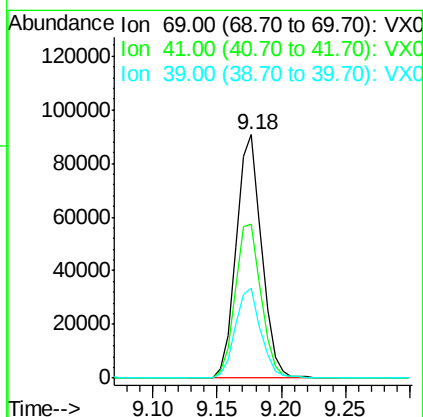
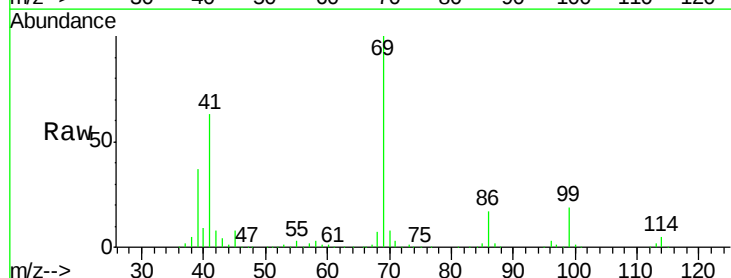
Manual Integrations  
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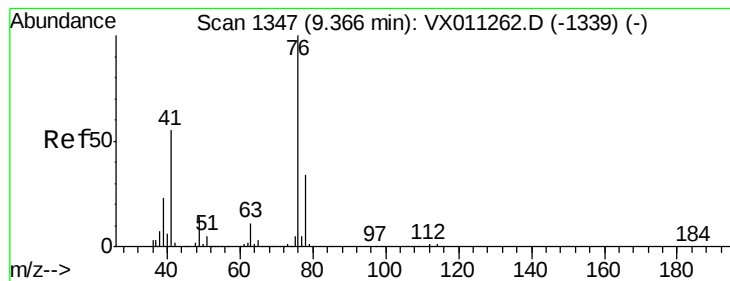
MMDadoda  
 8/14/2019 9:12:20 AM



#56  
 Ethyl methacrylate  
 Concen: 52.057 ug/l  
 RT: 9.18 min Scan# 1316  
 Delta R.T. 0.00 min  
 Lab File: VX011522.D  
 Acq: 13 Aug 2019 07:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 124315 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 65.3  | 48.6  | 73.0   |
| 39       | 37.0  | 29.4  | 44.2   |





#57

1,3-Dichloropropane

Concen: 49.722 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 131773

Ion Ratio Lower Upper

76 100

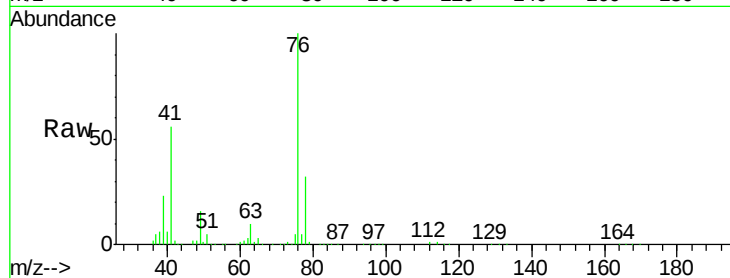
78 32.3 26.6 40.0

Manual Integrations

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8/14/2019 9:12:20 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

100000

80000

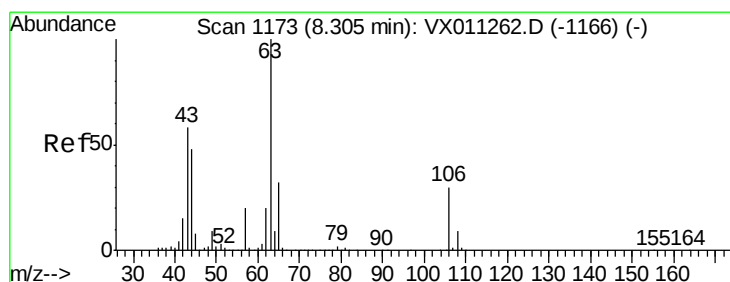
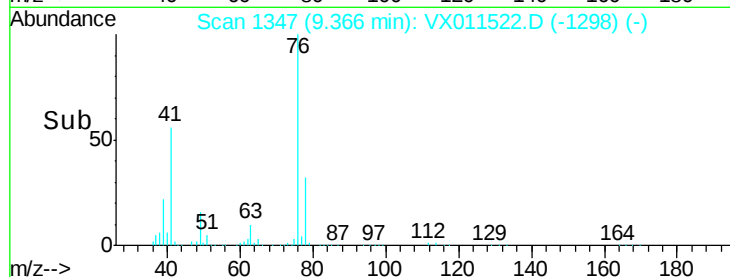
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 253.610 ug/l

RT: 8.31 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VX011522.D

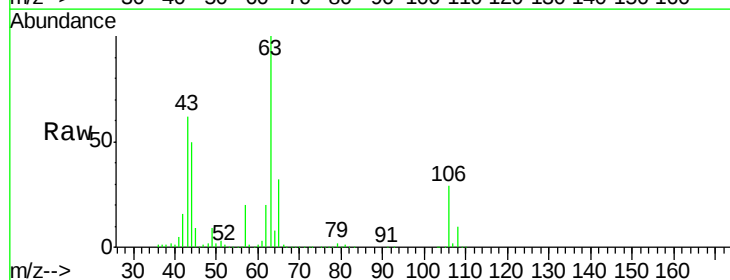
Acq: 13 Aug 2019 07:04

Tgt Ion: 63 Resp: 297786

Ion Ratio Lower Upper

63 100

106 30.1 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

200000

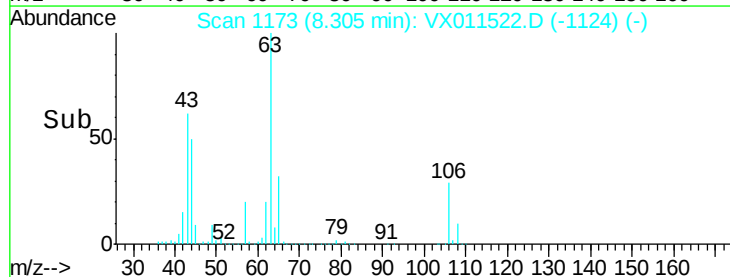
150000

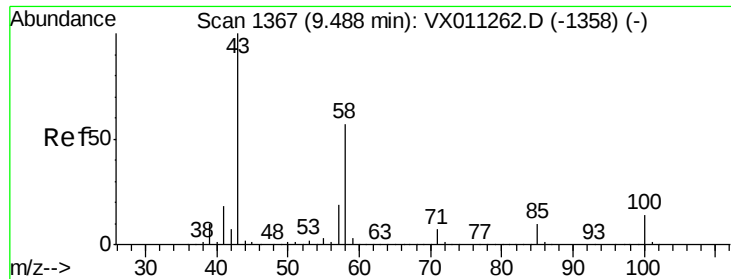
100000

50000

0

Time-->





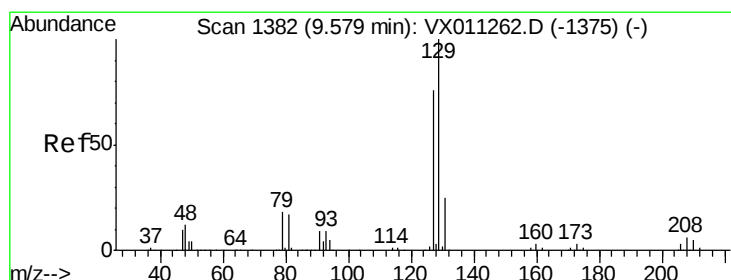
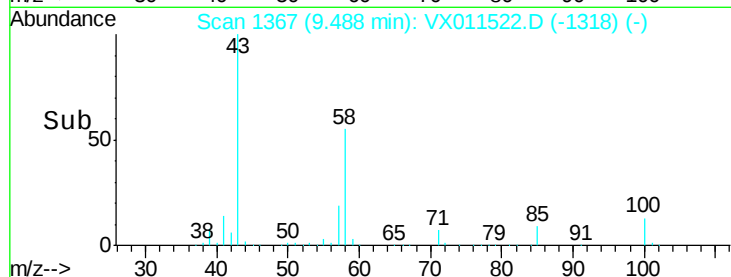
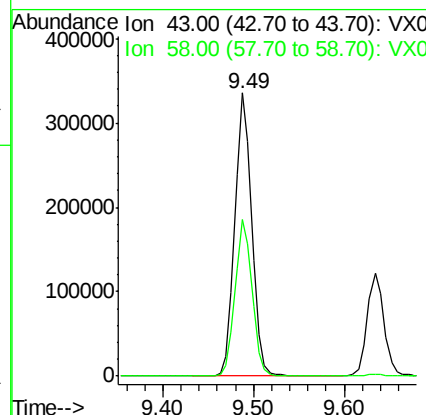
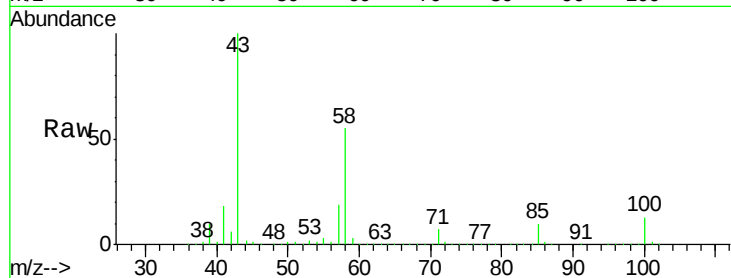
#59  
2-Hexanone  
Concen: 262.871 ug/l  
RT: 9.49 min Scan# 1367  
Delta R.T. 0.00 min  
Lab File: VX011522.D  
Acq: 13 Aug 2019 07:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 55.6  | 28.2  | 84.6  |

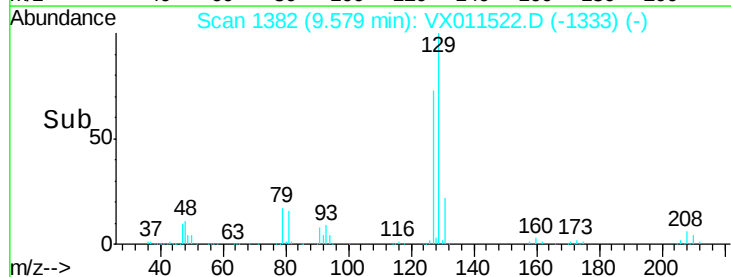
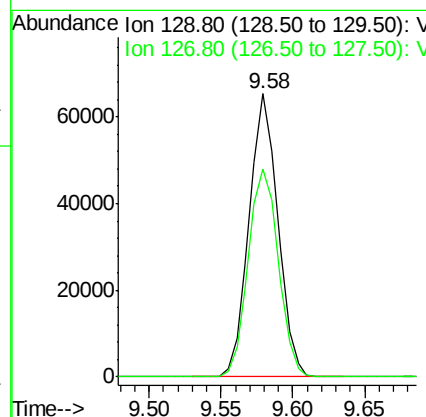
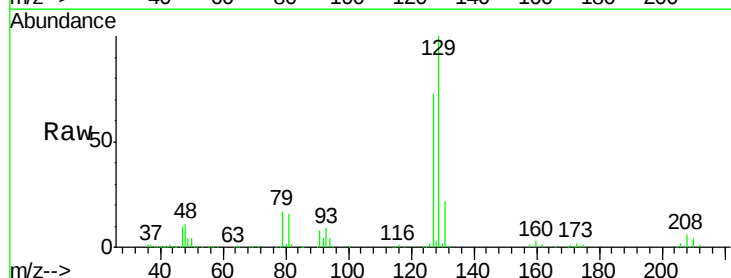
Manual Integrations  
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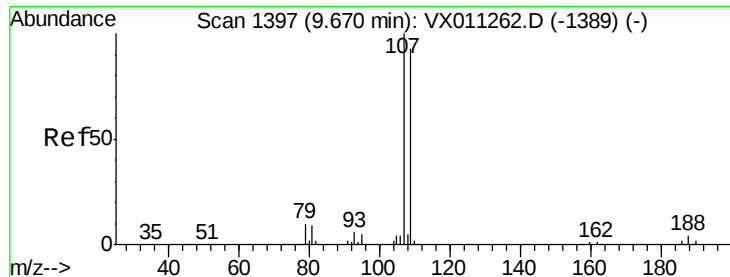
MMDadoda  
8/14/2019 9:12:20 AM



#60  
Dibromochloromethane  
Concen: 52.769 ug/l  
RT: 9.58 min Scan# 1382  
Delta R.T. 0.00 min  
Lab File: VX011522.D  
Acq: 13 Aug 2019 07:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 100   |       |       |
| 127     | 76.6  | 39.2  | 117.6 |





#61

1,2-Dibromoethane

Concen: 48.816 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 88382

Ion Ratio Lower Upper

107 100

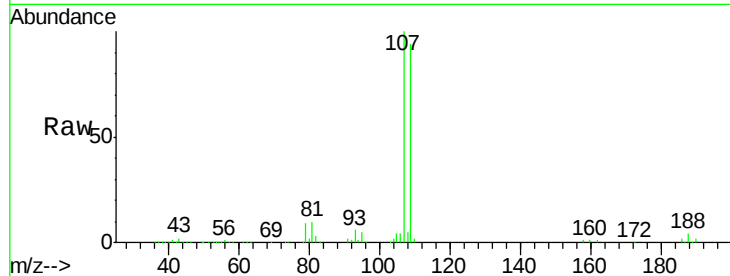
109 95.3 76.6 114.8

Manual Integrations

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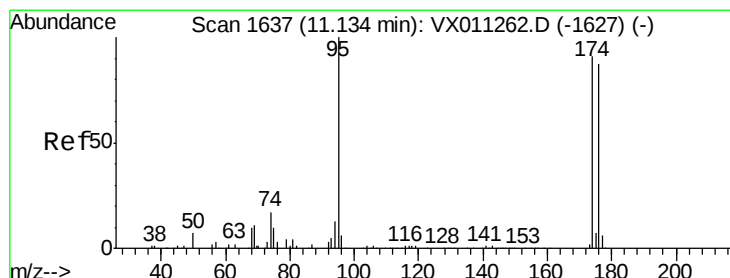
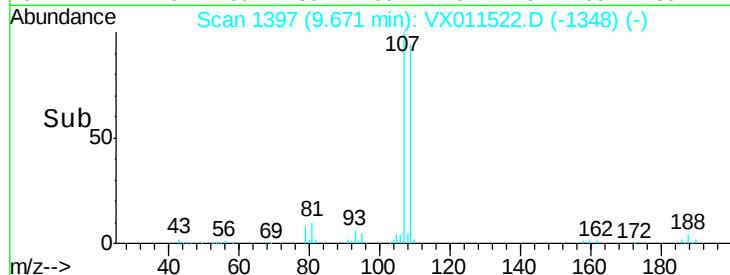
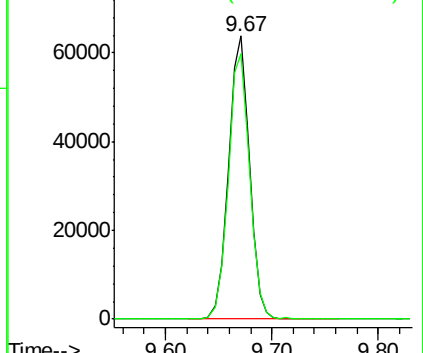
MMDadoda

8/14/2019 9:12:20 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.165 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

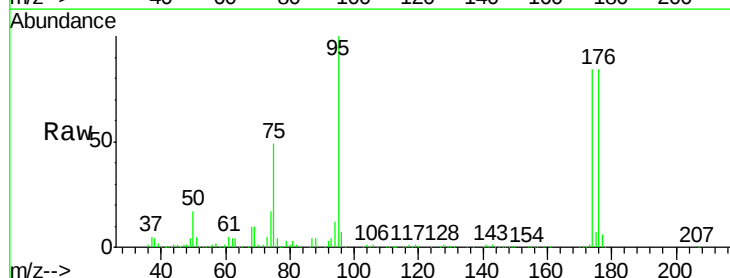
Tgt Ion: 95 Resp: 112761

Ion Ratio Lower Upper

95 100

174 89.4 0.0 191.2

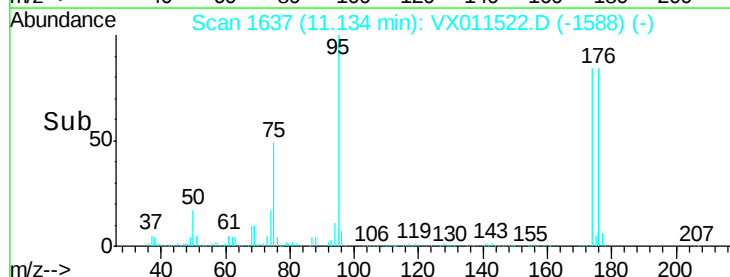
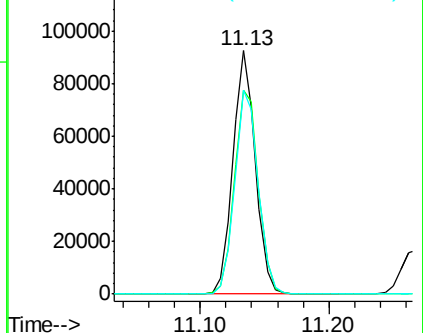
176 86.9 0.0 184.8

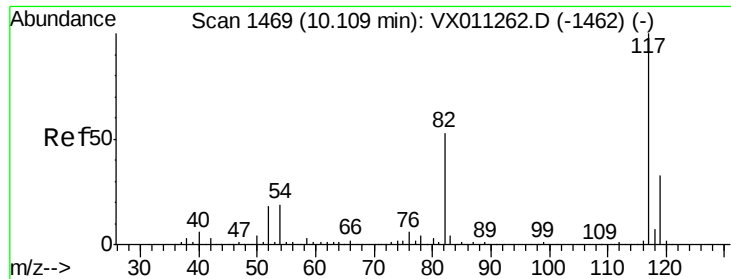


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





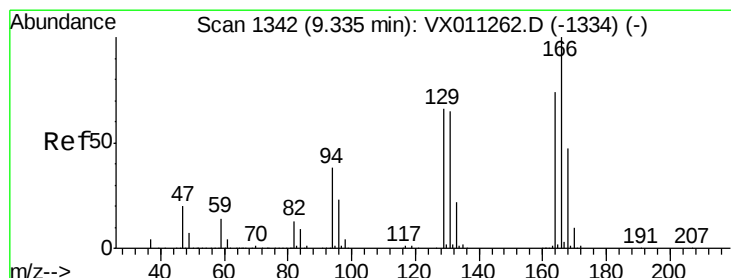
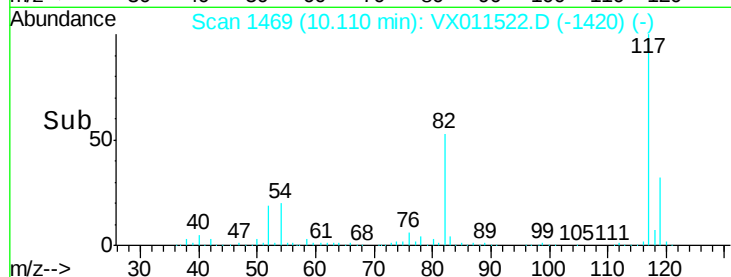
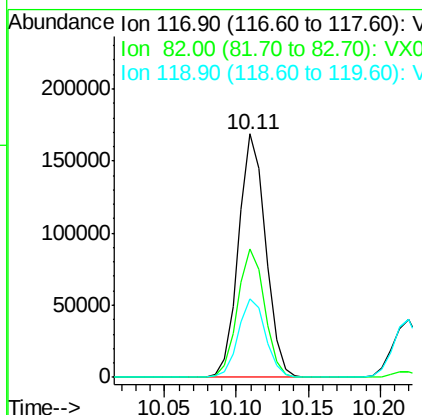
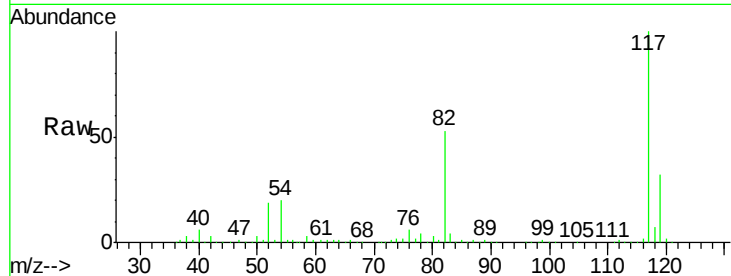
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. 0.00 min  
Lab File: VX011522.D  
Acq: 13 Aug 2019 07:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 52.5  | 42.2  | 63.2  |
| 119     | 32.3  | 26.6  | 39.8  |

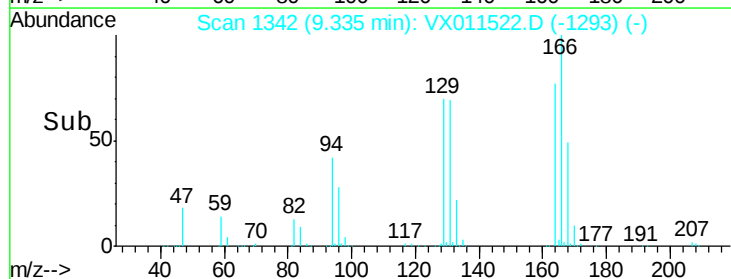
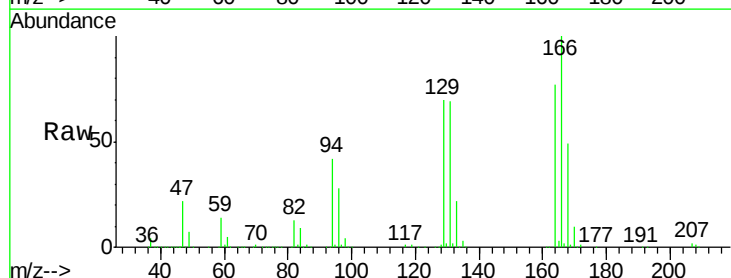
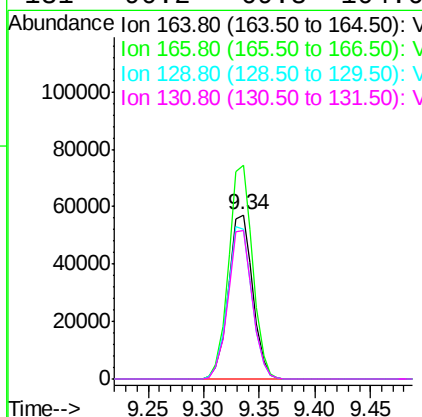
Manual Integrations  
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8/14/2019 9:12:20 AM



#64  
Tetrachloroethene  
Concen: 45.632 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. 0.00 min  
Lab File: VX011522.D  
Acq: 13 Aug 2019 07:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 130.2 | 107.5 | 161.3 |
| 129     | 91.0  | 71.0  | 106.4 |
| 131     | 90.2  | 69.8  | 104.6 |





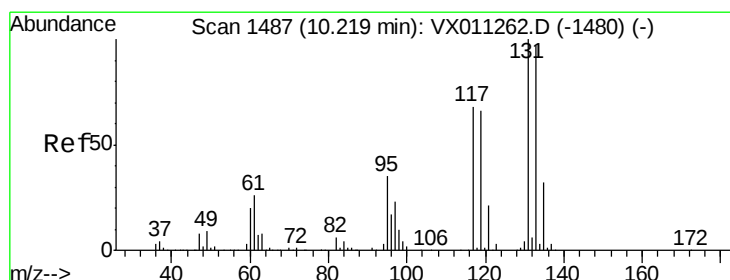
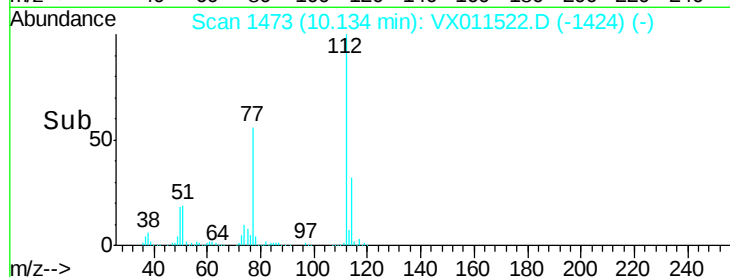
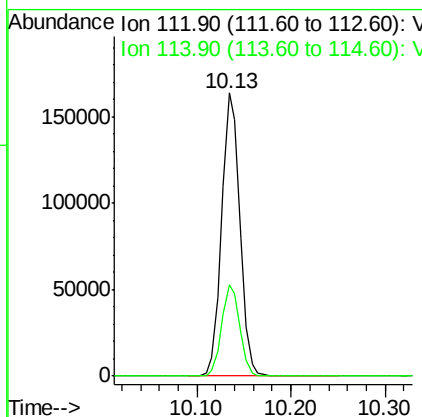
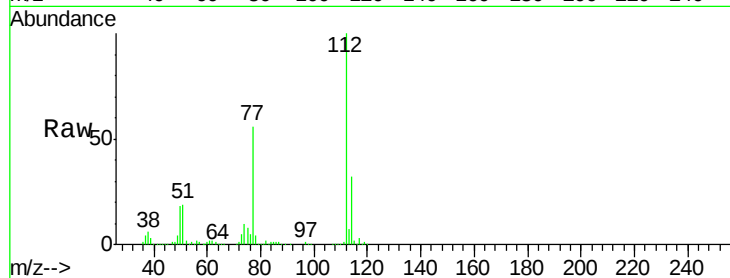
#65  
Chlorobenzene  
Concen: 46.161 ug/l  
RT: 10.13 min Scan# 1473  
Delta R.T. 0.00 min  
Lab File: VX011522.D  
Acq: 13 Aug 2019 07:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:112 Resp: 219072  
Ion Ratio Lower Upper  
112 100  
114 32.2 25.9 38.9

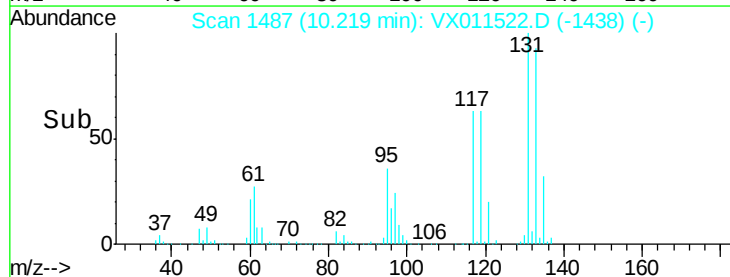
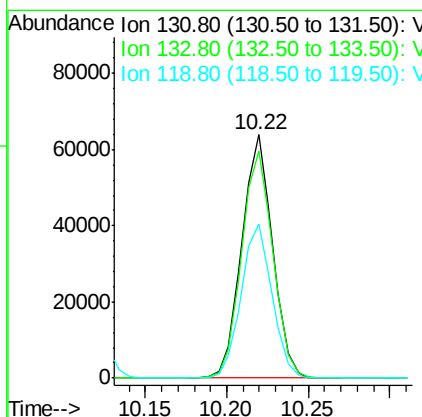
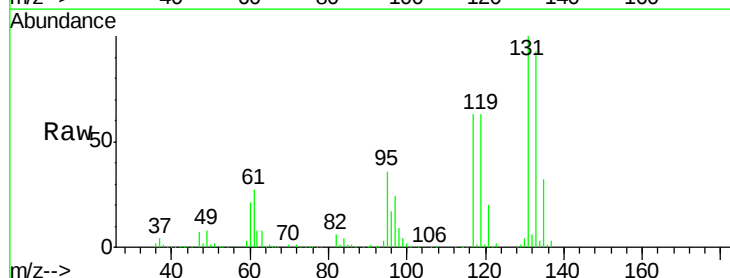
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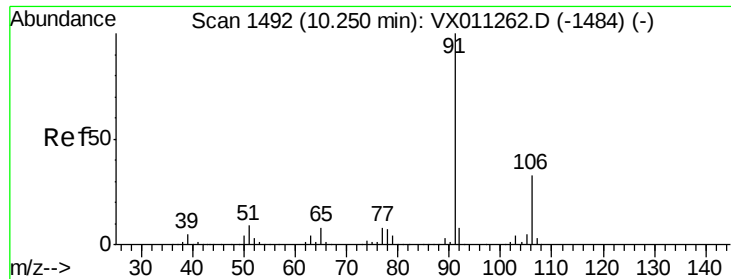
MMDadoda  
8/14/2019 9:12:20 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.598 ug/l  
RT: 10.22 min Scan# 1487  
Delta R.T. 0.00 min  
Lab File: VX011522.D  
Acq: 13 Aug 2019 07:04

Tgt Ion:131 Resp: 83835  
Ion Ratio Lower Upper  
131 100  
133 95.2 47.7 143.1  
119 63.7 32.8 98.3





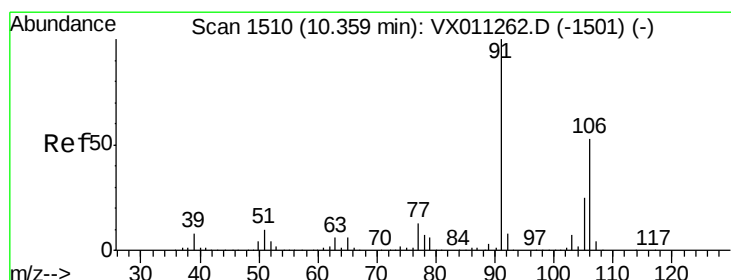
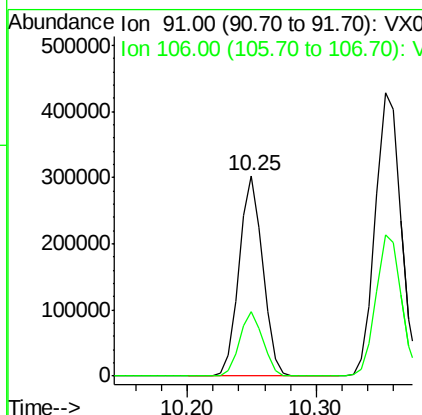
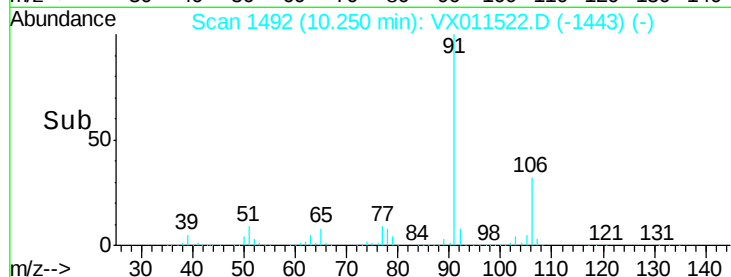
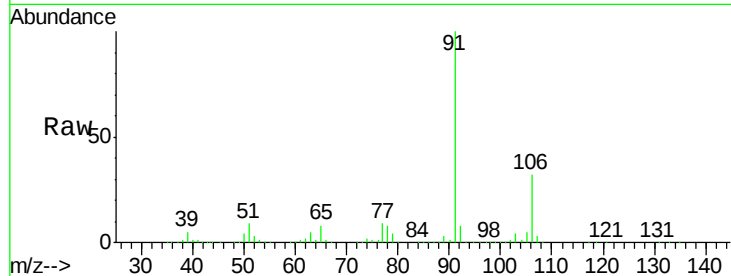
#67  
Ethyl Benzene  
Concen: 48.448 ug/l  
RT: 10.25 min Scan# 1492  
Delta R.T. 0.00 min  
Lab File: VX011522.D  
Acq: 13 Aug 2019 07:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 91 Resp: 385072  
Ion Ratio Lower Upper  
91 100  
106 31.9 26.2 39.4

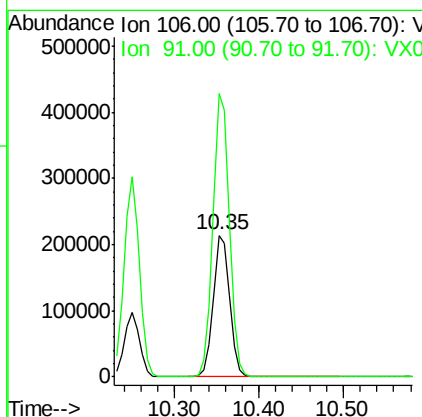
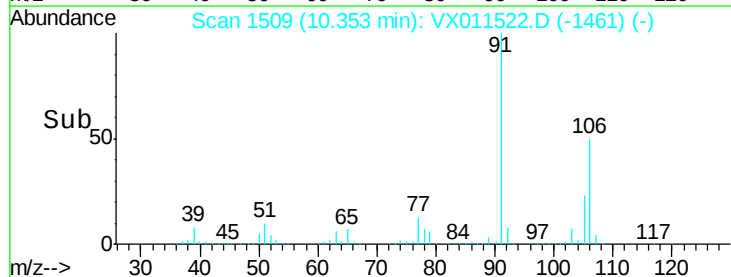
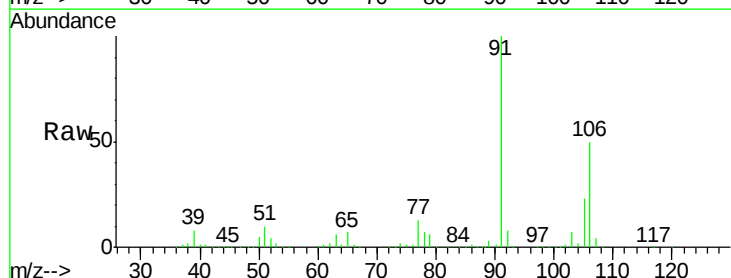
Manual Integrations  
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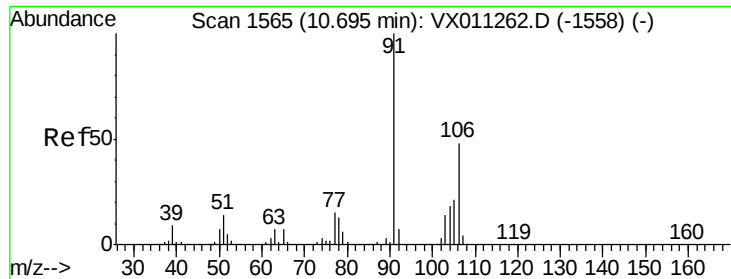
MMDadoda  
8/14/2019 9:12:20 AM



#68  
m/p-Xylenes  
Concen: 93.911 ug/l  
RT: 10.35 min Scan# 1509  
Delta R.T. -0.01 min  
Lab File: VX011522.D  
Acq: 13 Aug 2019 07:04

Tgt Ion: 106 Resp: 288712  
Ion Ratio Lower Upper  
106 100  
91 201.6 155.9 233.9





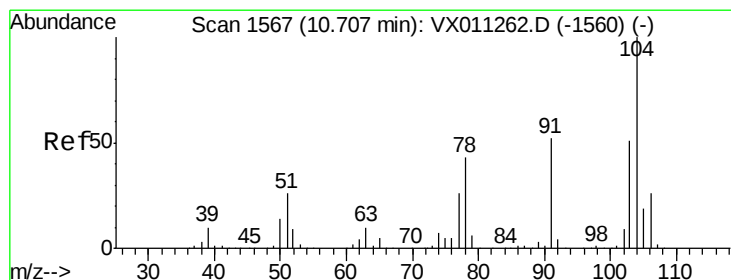
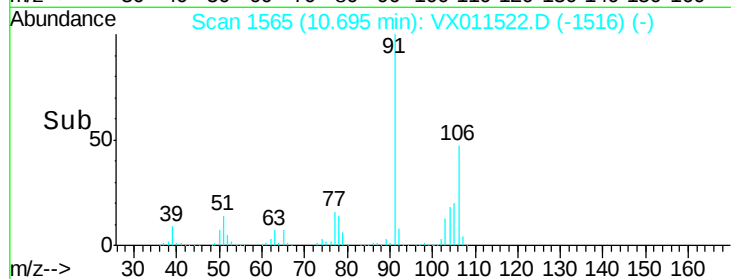
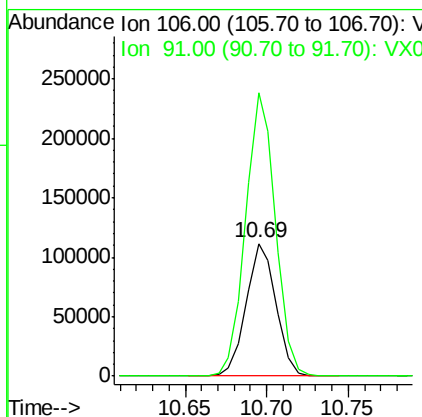
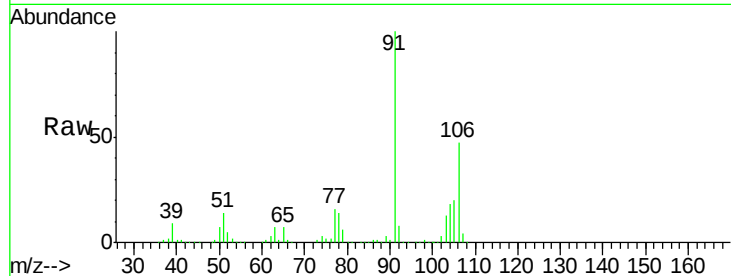
#69  
o-Xylene  
Concen: 47.124 ug/l  
RT: 10.69 min Scan# 1565  
Delta R.T. 0.00 min  
Lab File: VX011522.D  
Acq: 13 Aug 2019 07:04

Instrument :  
MSVOA\_X  
ClientSampleID :  
VSTDCCC050EC

| Tot Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 106     | 100   |       |       |       |       |
| 91      | 213.7 | 103.8 | 311.3 |       |       |

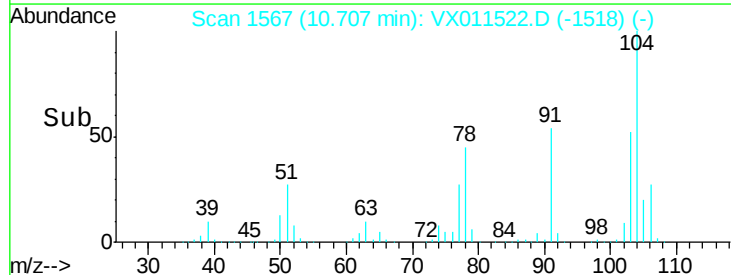
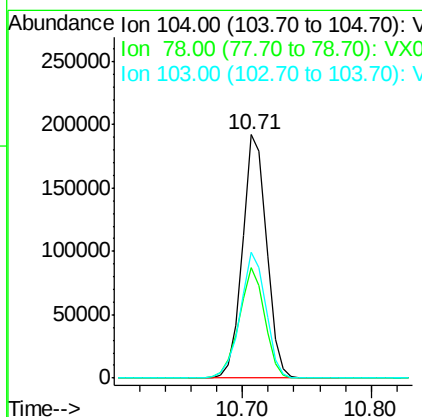
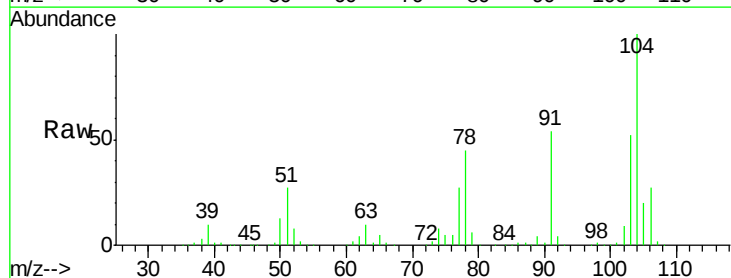
Manual Integrations  
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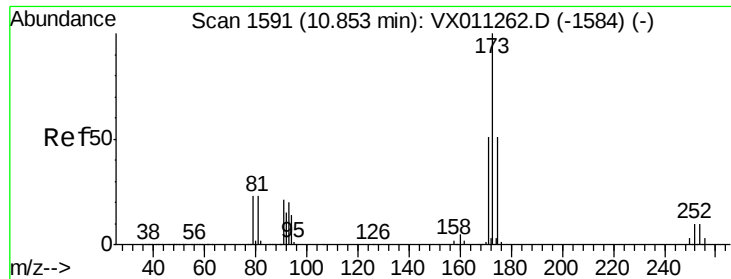
MMDadoda  
8/14/2019 9:12:20 AM



#70  
Styrene  
Concen: 49.583 ug/l  
RT: 10.71 min Scan# 1567  
Delta R.T. 0.00 min  
Lab File: VX011522.D  
Acq: 13 Aug 2019 07:04

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 104     | 100  |       |      |       |       |
| 78      | 48.8 | 36.9  | 55.3 |       |       |
| 103     | 54.9 | 44.4  | 66.6 |       |       |





#71

Bromoform

Concen: 46.309 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 66952

Ion Ratio Lower Upper

173 100

175 48.2 24.4 73.4

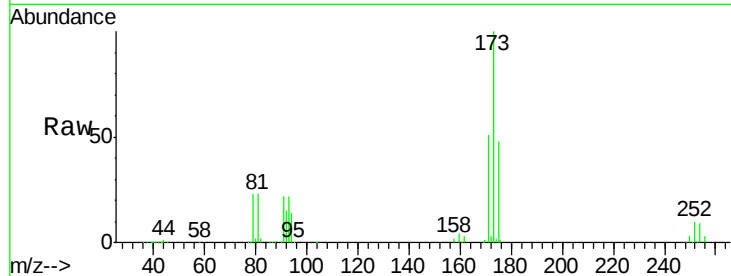
254 0.1 0.2 0.2#

Manual Integrations

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MMDadoda

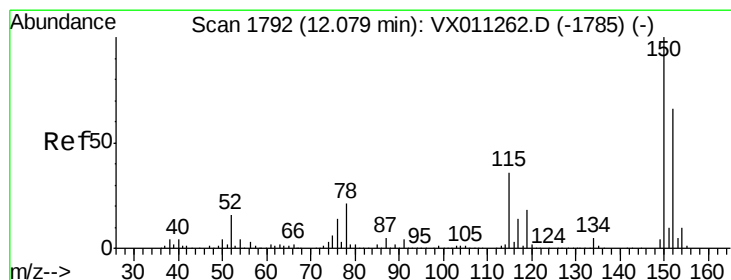
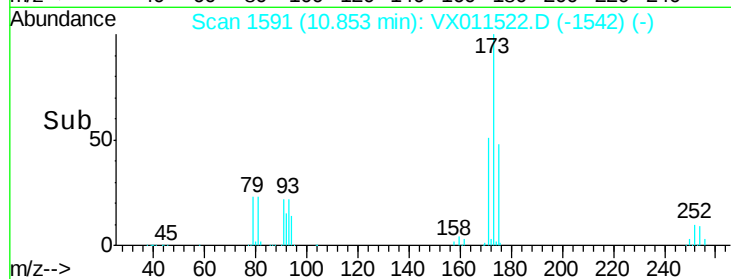
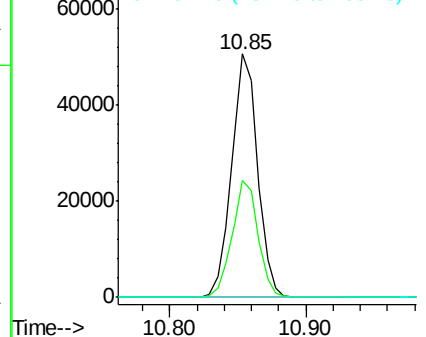
8/14/2019 9:12:20 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

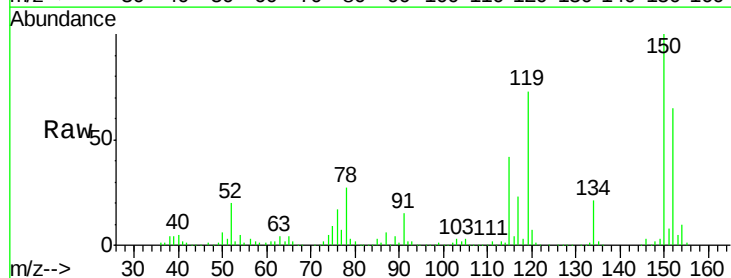
Tgt Ion:152 Resp: 116428

Ion Ratio Lower Upper

152 100

115 79.5 40.0 119.9

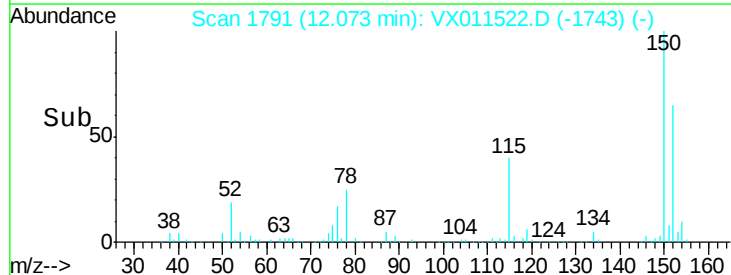
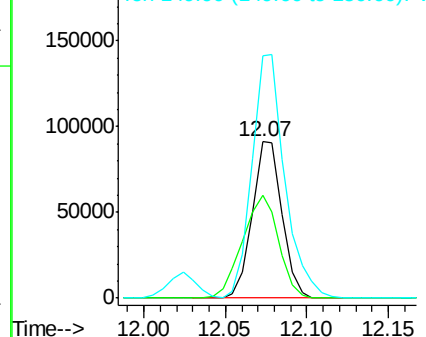
150 171.6 0.0 350.4

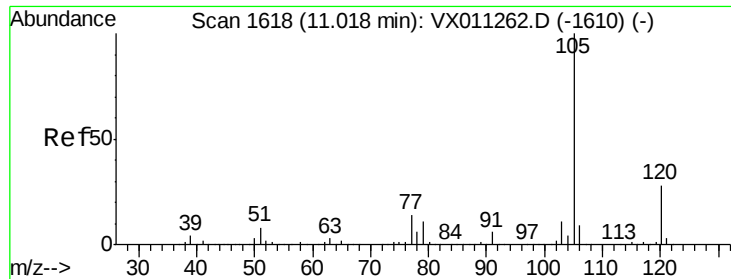


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.976 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 389990

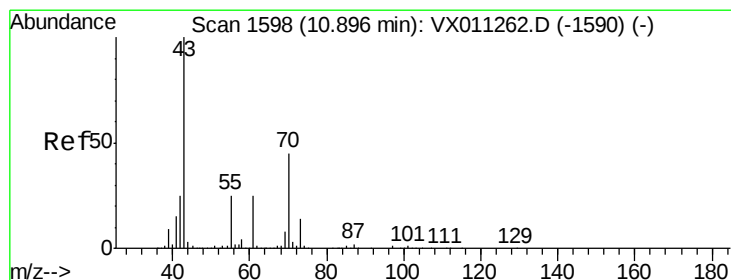
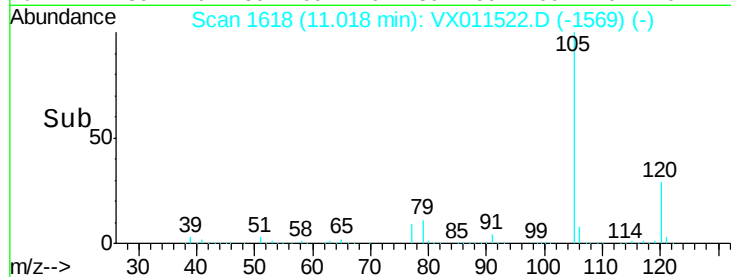
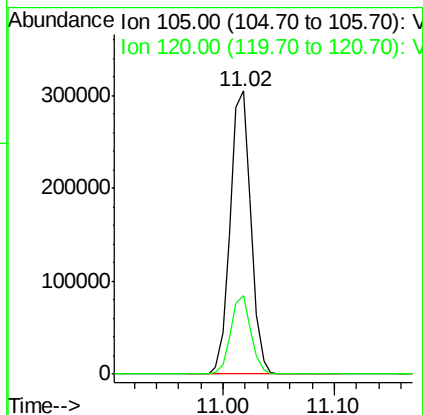
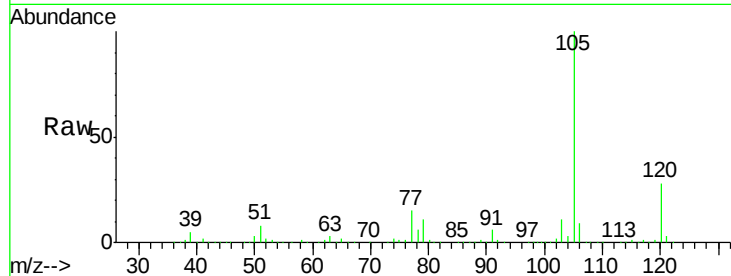
Ion Ratio Lower Upper

105 100

120 27.0 13.7 41.1

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#74

N-ethyl acetate

Concen: 52.755 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

Tgt Ion: 43 Resp: 151789

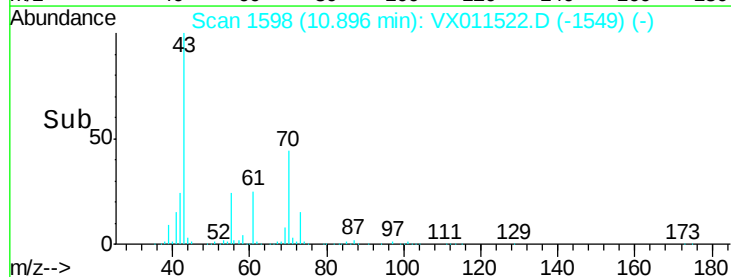
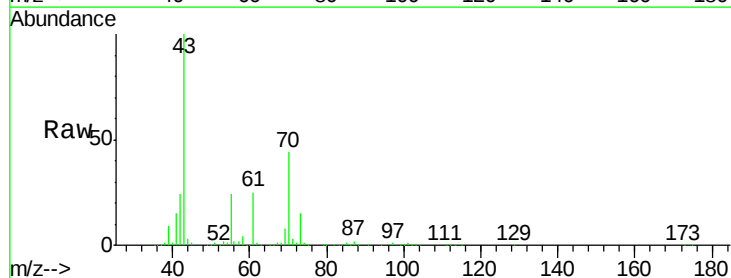
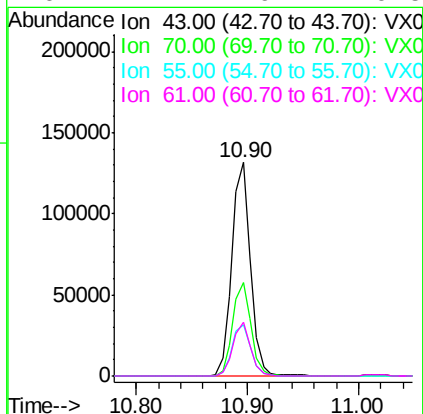
Ion Ratio Lower Upper

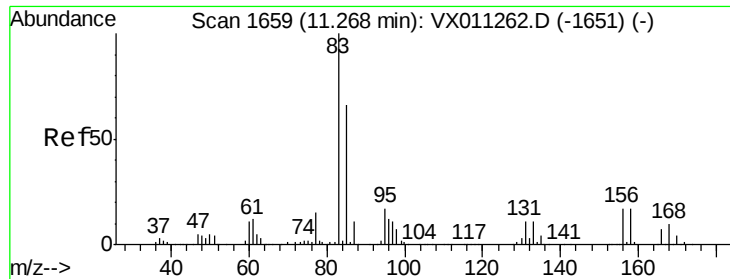
43 100

70 43.6 35.9 53.9

55 24.6 19.8 29.6

61 24.2 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 48.683 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

Instrument :

MSVOA\_X

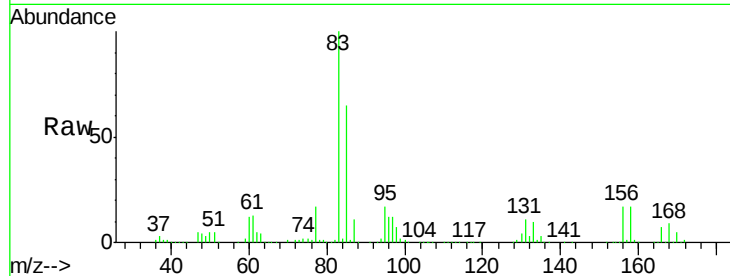
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 129185 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 10.9  | 5.6   | 16.8   |
| 85        | 64.6  | 32.1  | 96.5   |

Manual Integrations  
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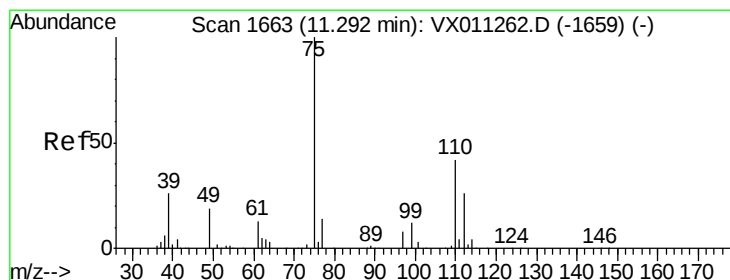
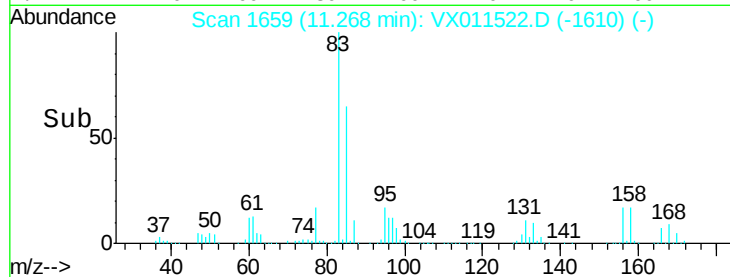
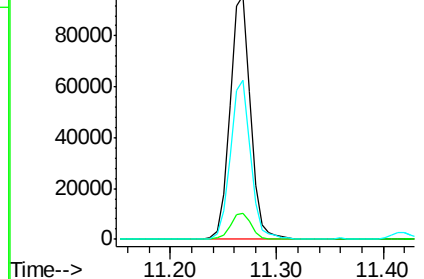
MMDadoda  
8/14/2019 9:12:20 AM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 51.725 ug/l m

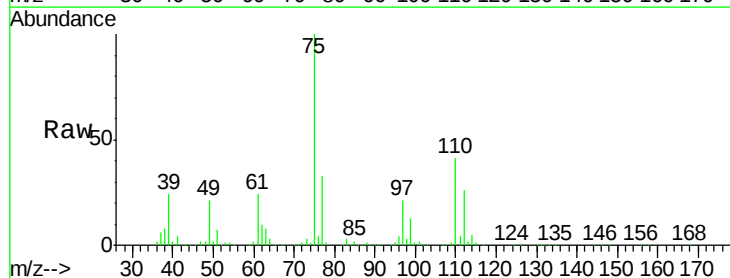
RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011522.D

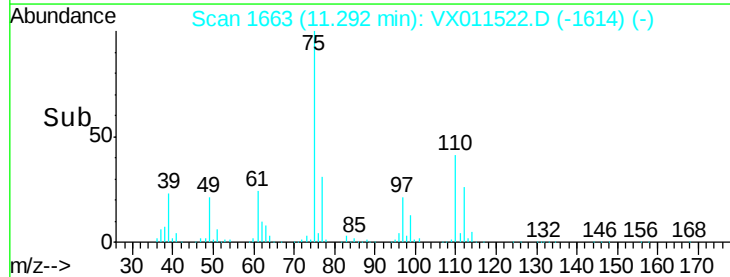
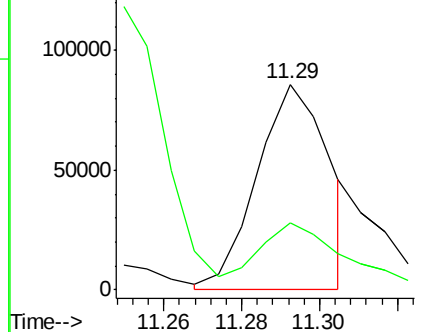
Acq: 13 Aug 2019 07:04

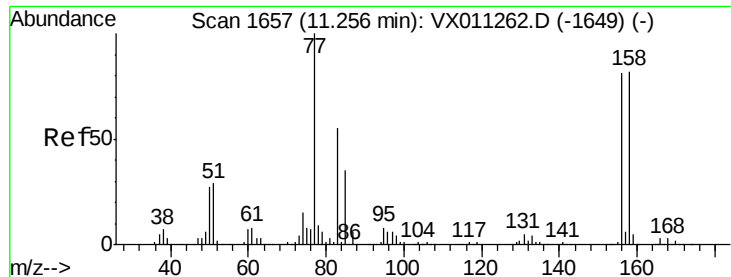
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 109673 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 39.9  | 21.1  | 63.4   |



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.972 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

Instrument :

MSVOA\_X

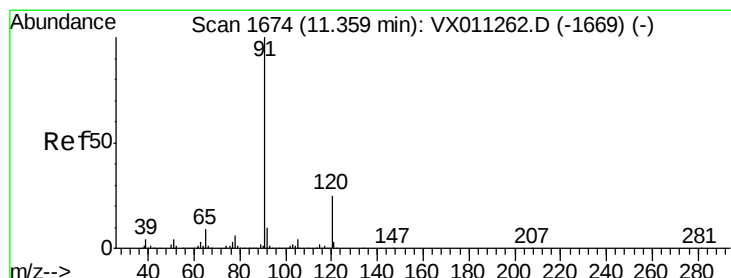
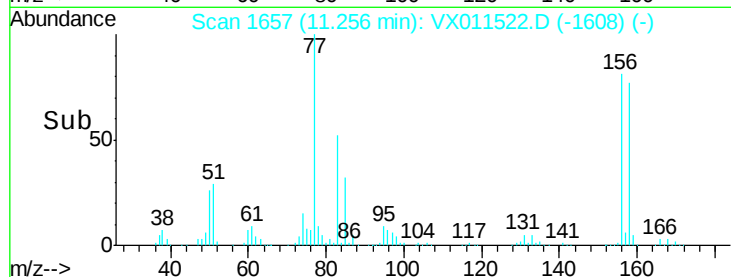
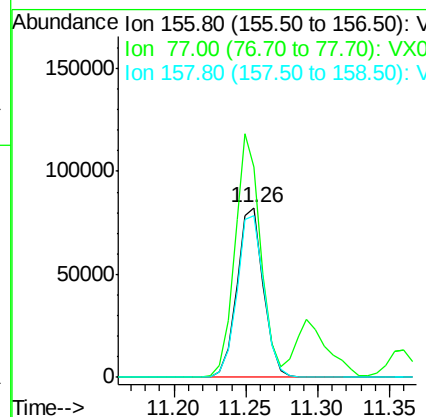
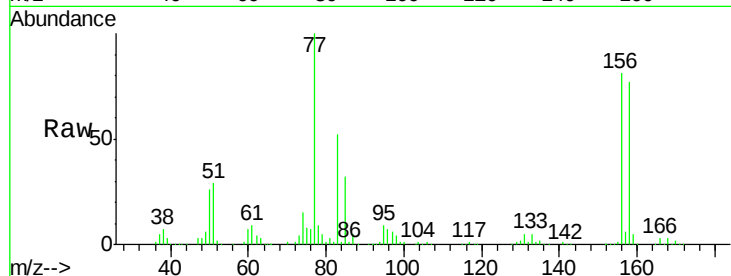
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 105924 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 139.2 | 66.2  | 198.6  |
| 158       | 97.3  | 49.1  | 147.3  |

Manual Integrations  
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#78

n-propylbenzene

Concen: 47.722 ug/l

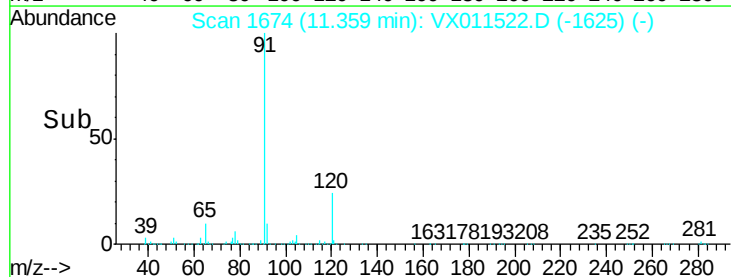
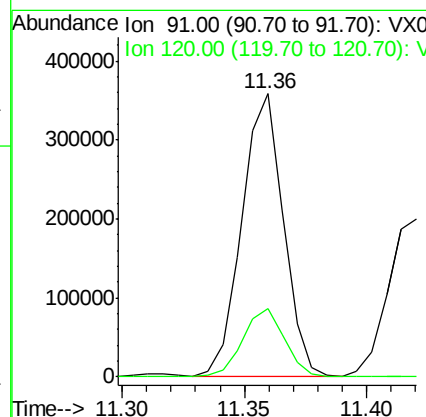
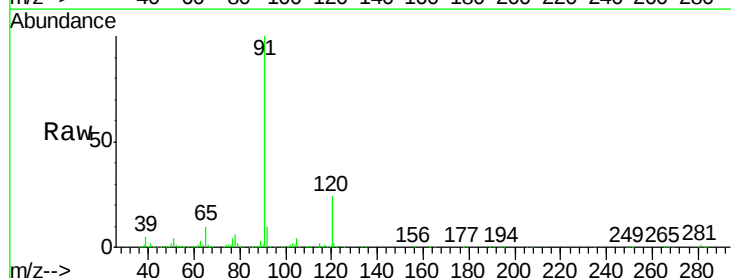
RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 422591 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 24.2  | 12.4  | 37.0   |





#79

2-Chlorotoluene

Concen: 48.969 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 258459

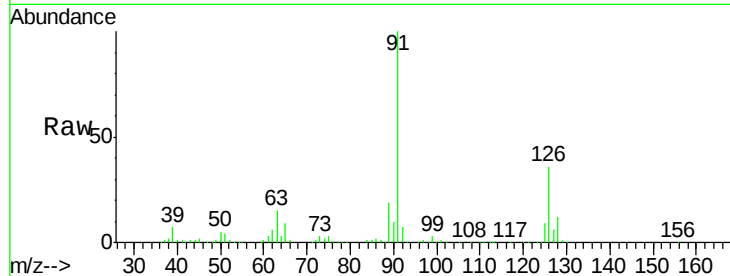
Ion Ratio Lower Upper

91 100

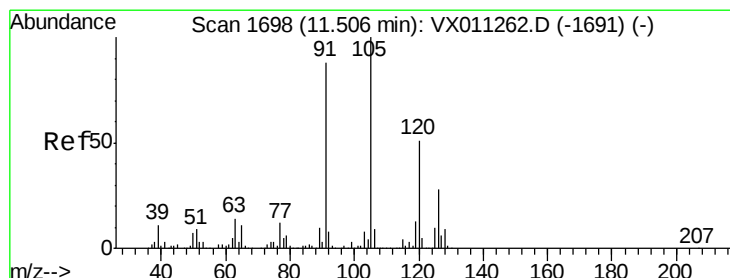
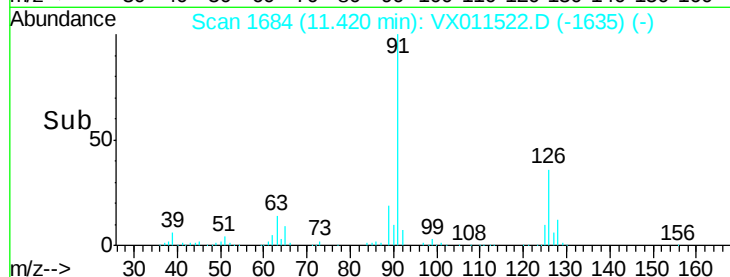
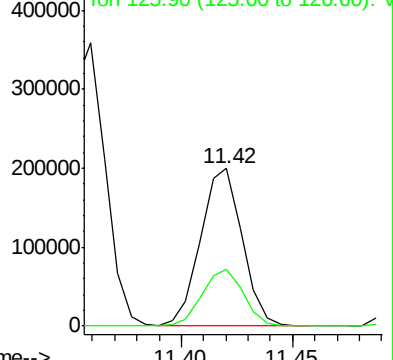
126 36.1 18.5 55.5

Manual Integrations  
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Abundance Ion 91.00 (90.70 to 91.70): VX011262.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.632 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011522.D

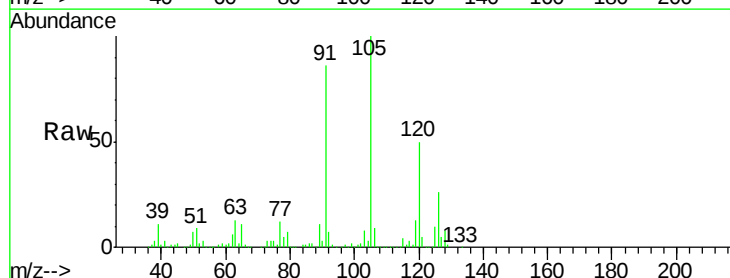
Acq: 13 Aug 2019 07:04

Tgt Ion: 105 Resp: 324166

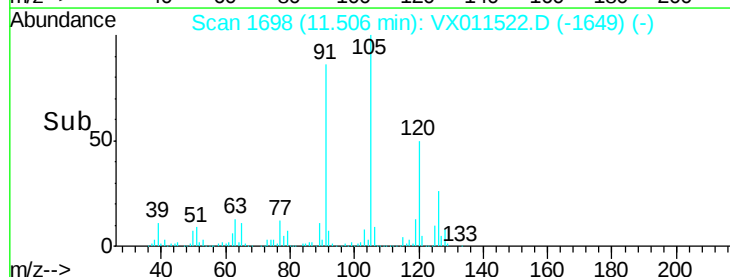
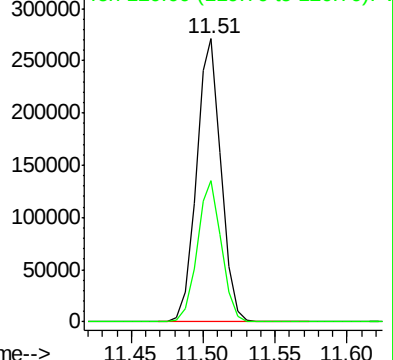
Ion Ratio Lower Upper

105 100

120 49.3 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VX011262.D (-1691) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 38.709 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

Instrument :

MSVOA\_X

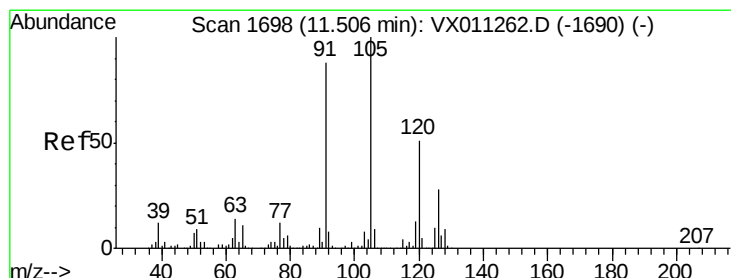
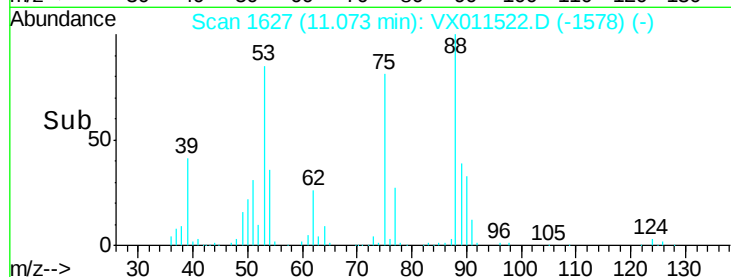
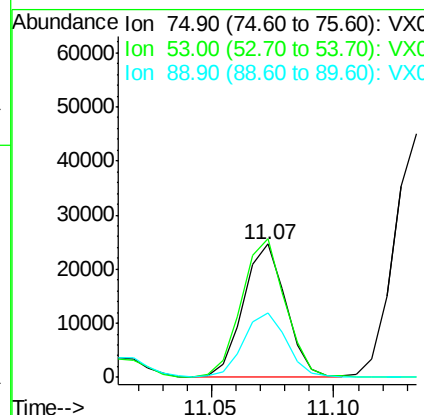
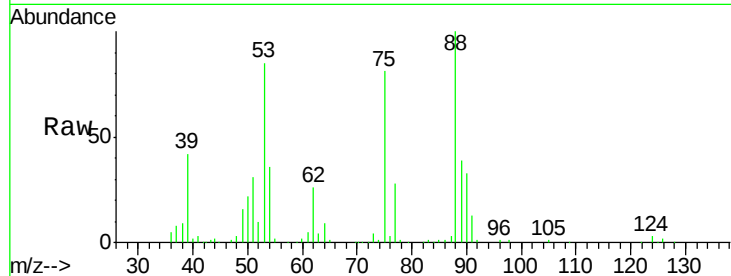
ClientSampleId :

VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 75    | Resp: | 29844 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 106.1 | 78.2  | 117.4 |
| 89       | 49.1  | 37.9  | 56.9  |

Manual Integrations  
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#82

4-Chlorotoluene

Concen: 48.496 ug/l

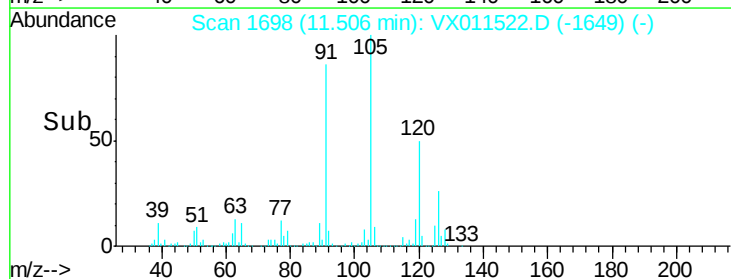
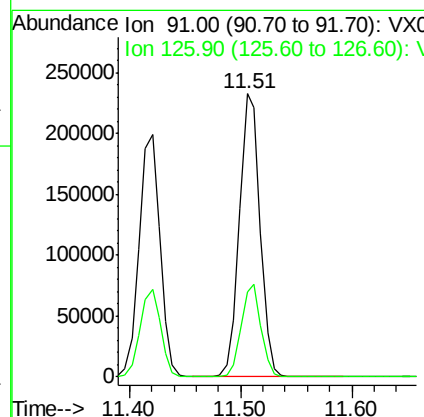
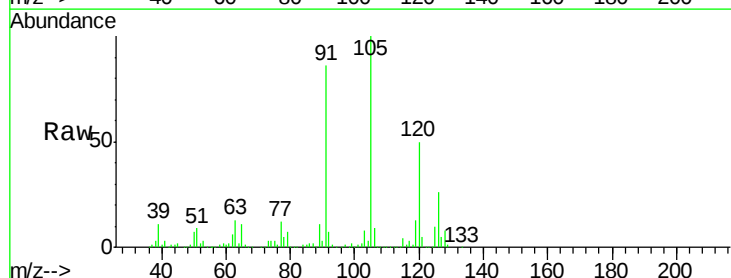
RT: 11.51 min Scan# 1698

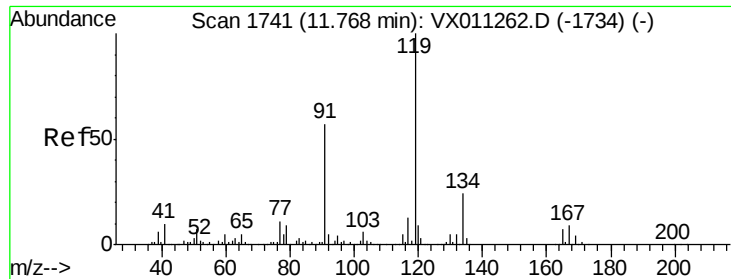
Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 298304 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 31.6  | 16.4  | 49.2   |





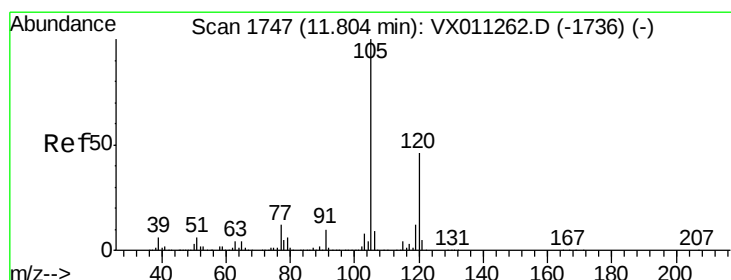
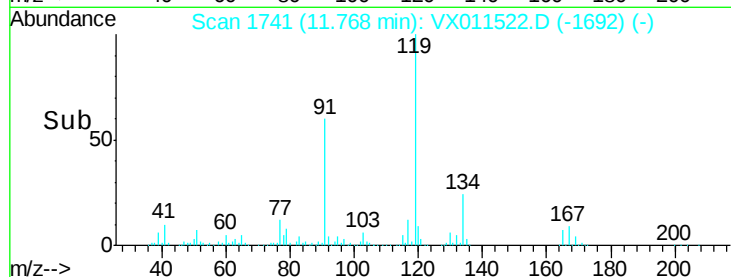
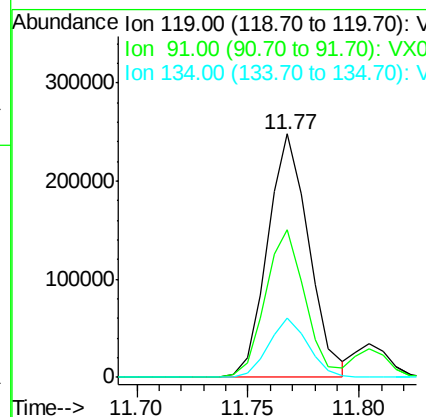
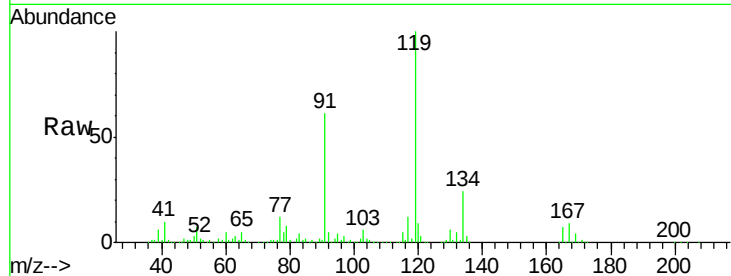
#83  
 tert-Butylbenzene  
 Concen: 48.803 ug/l  
 RT: 11.77 min Scan# 1741  
 Delta R.T. 0.00 min  
 Lab File: VX011522.D  
 Acq: 13 Aug 2019 07:04

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 58.8  | 28.0  | 84.0  |
| 134     | 23.2  | 11.9  | 35.5  |

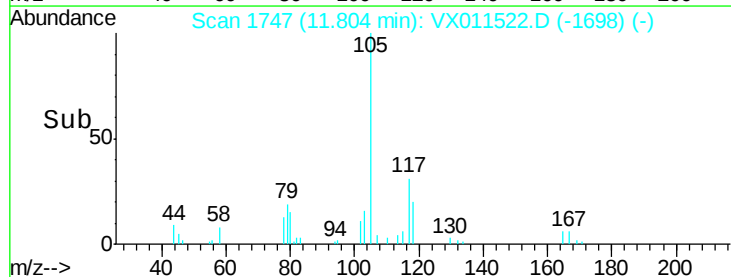
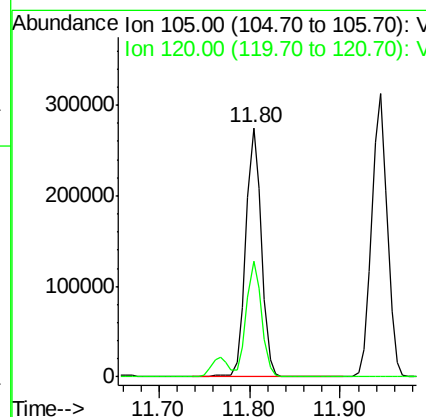
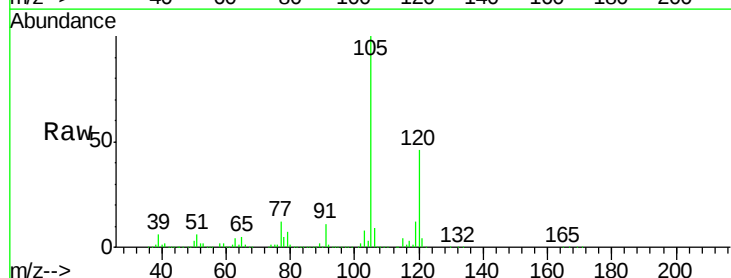
Manual Integrations  
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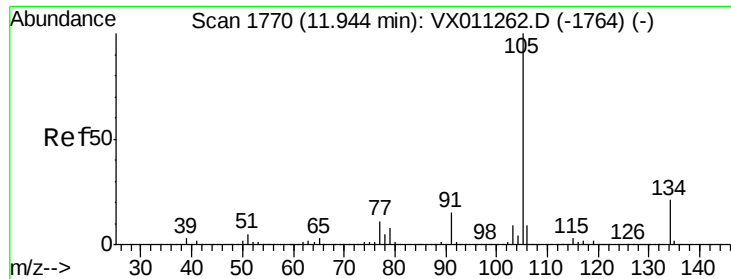
MMDadoda  
 8/14/2019 9:12:20 AM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 49.166 ug/l  
 RT: 11.80 min Scan# 1747  
 Delta R.T. 0.00 min  
 Lab File: VX011522.D  
 Acq: 13 Aug 2019 07:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 45.9  | 23.0  | 69.0  |





#85

sec-Butylbenzene

Concen: 47.496 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

Instrument :

MSVOA\_X

ClientSampled :

VSTDCCC050EC

Tot Ion:105 Resp: 373063

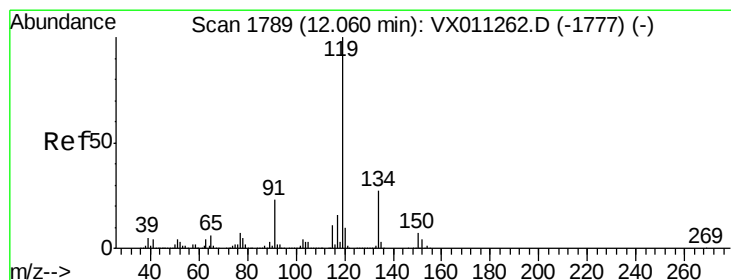
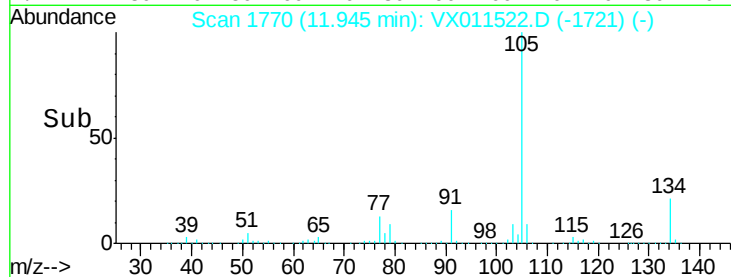
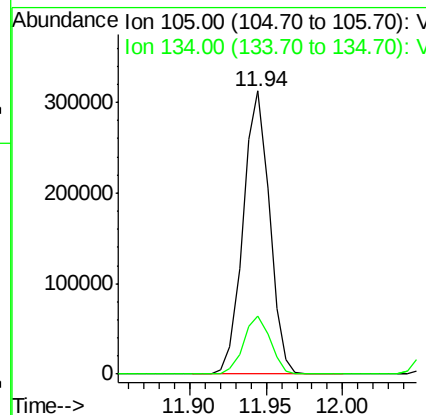
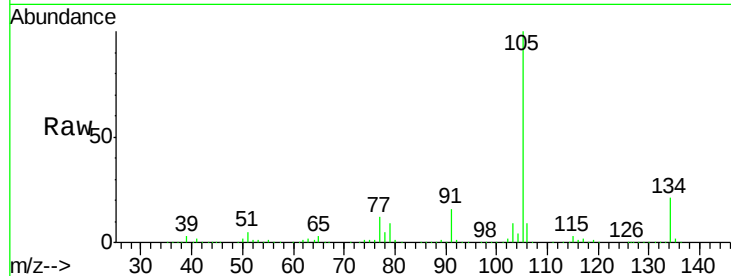
Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.4

Manual Integrations  
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#86

p-Isopropyltoluene

Concen: 47.622 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

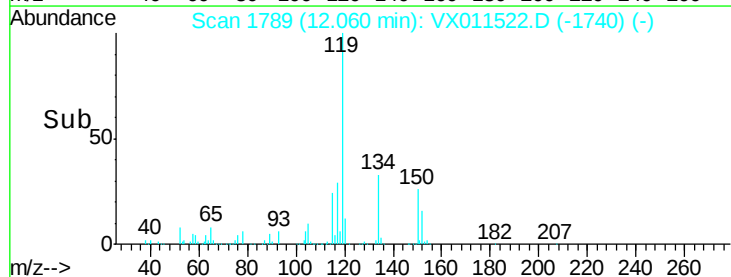
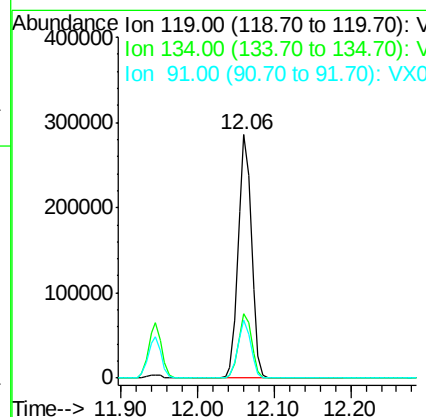
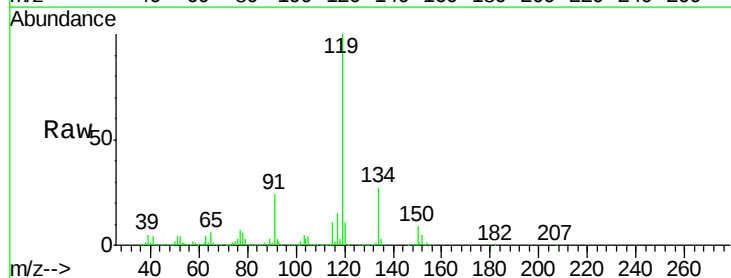
Tgt Ion:119 Resp: 344121

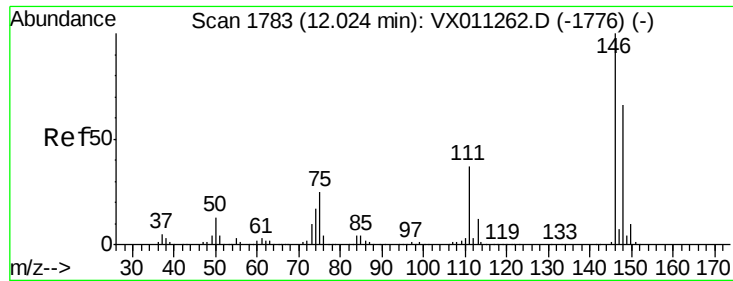
Ion Ratio Lower Upper

119 100

134 26.7 13.7 41.0

91 23.3 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 46.235 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

Instrument :

MSVOA\_X

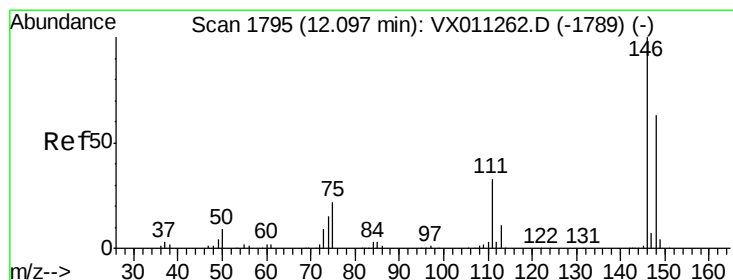
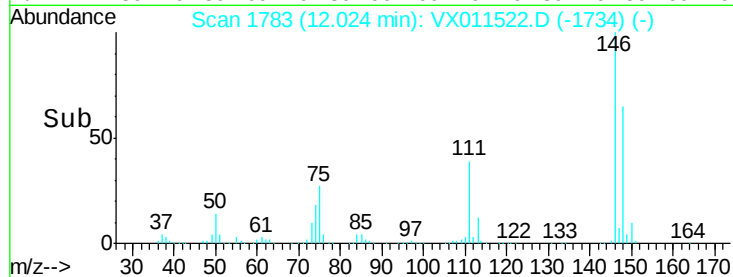
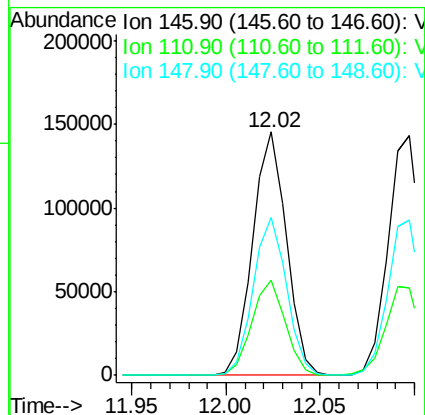
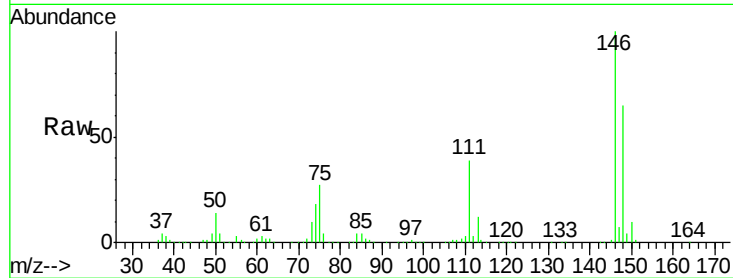
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 180382 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 39.0  | 18.6  | 55.8   |
| 148       | 64.3  | 32.5  | 97.5   |

Manual Integrations  
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#88

1,4-Dichlorobenzene

Concen: 44.948 ug/l

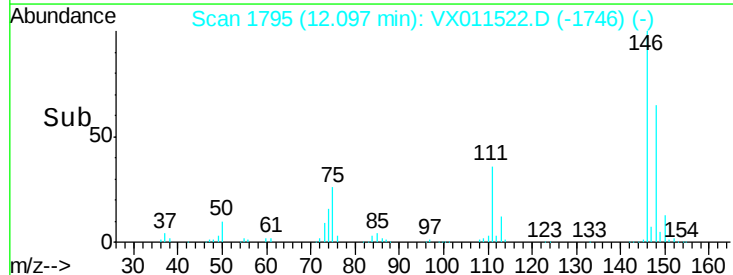
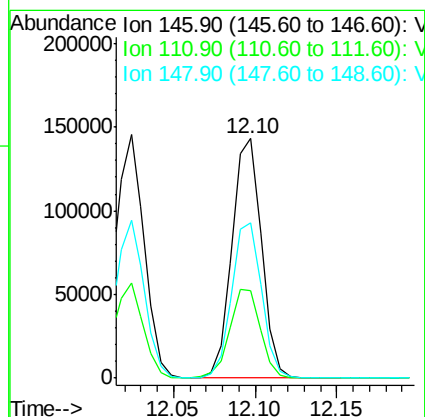
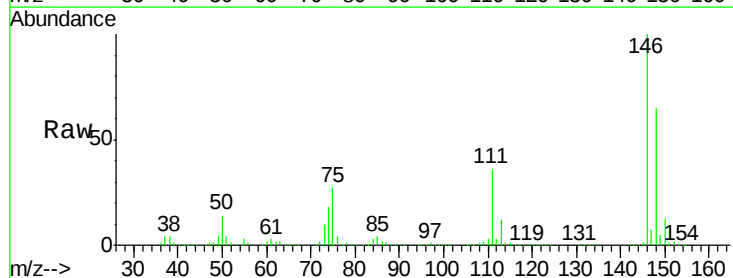
RT: 12.10 min Scan# 1795

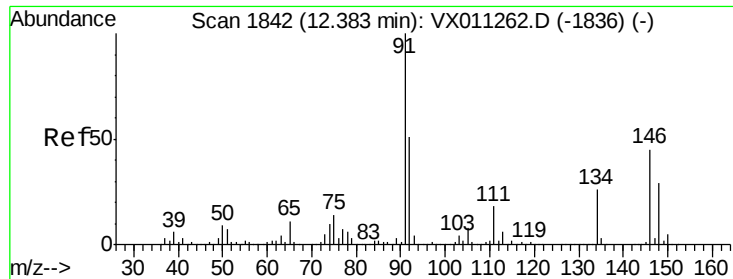
Delta R.T. 0.00 min

Lab File: VX011522.D

Acq: 13 Aug 2019 07:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 180825 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 38.3  | 17.8  | 53.4   |
| 148       | 65.3  | 31.8  | 95.3   |





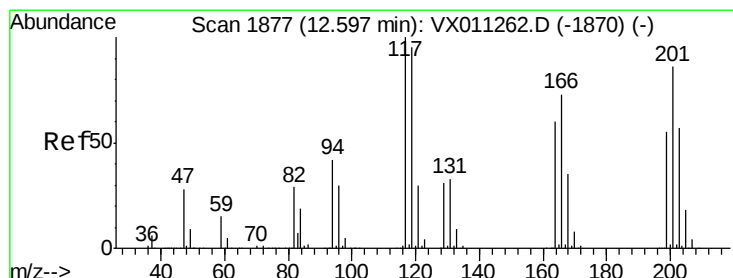
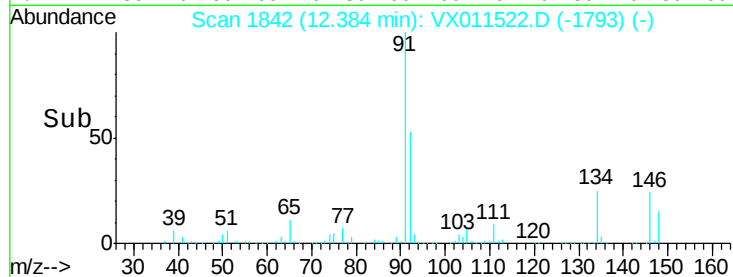
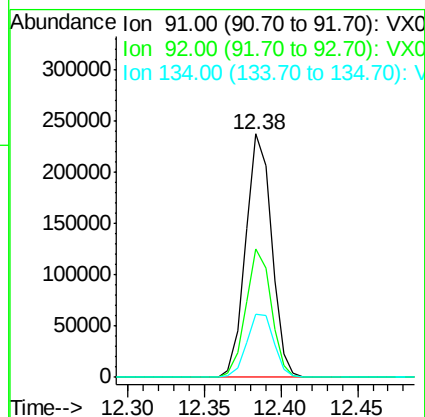
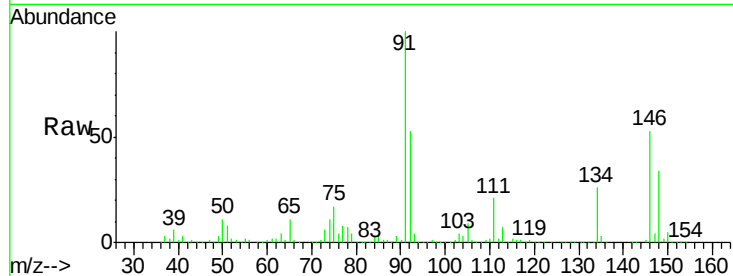
#89  
n-Butylbenzene  
Concen: 44.800 ug/l  
RT: 12.38 min Scan# 1842  
Delta R.T. 0.00 min  
Lab File: VX011522.D  
Acq: 13 Aug 2019 07:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 51.9  | 25.8  | 77.3  |
| 134     | 27.3  | 13.7  | 41.0  |

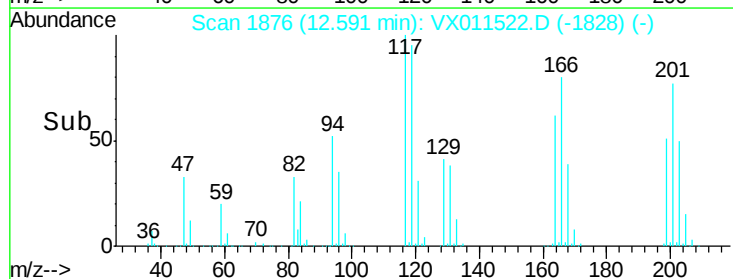
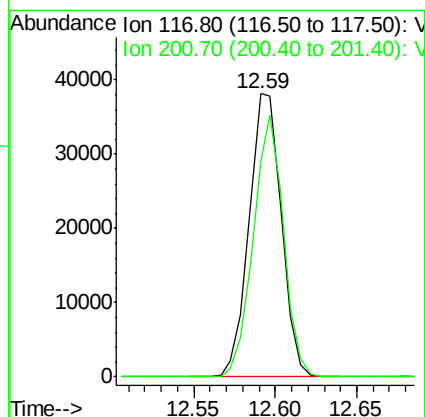
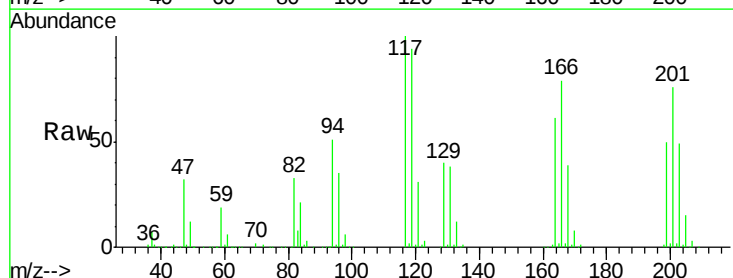
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#90  
Hexachloroethane  
Concen: 49.348 ug/l  
RT: 12.59 min Scan# 1876  
Delta R.T. -0.01 min  
Lab File: VX011522.D  
Acq: 13 Aug 2019 07:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 86.0  | 41.8  | 125.4 |





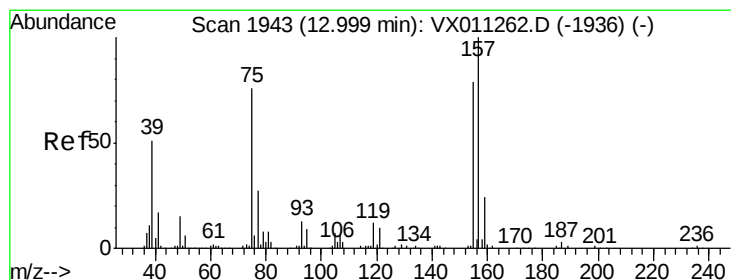
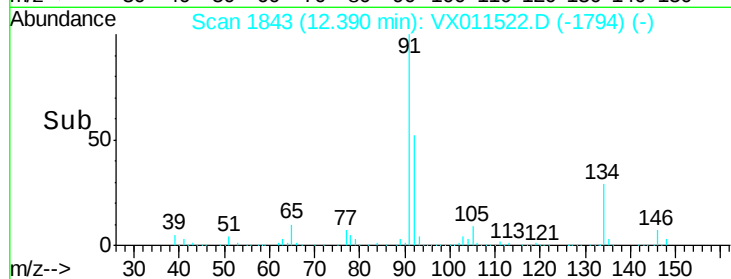
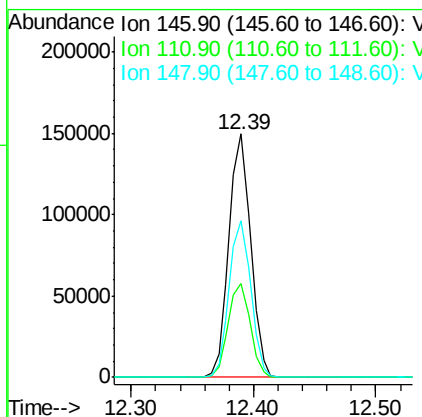
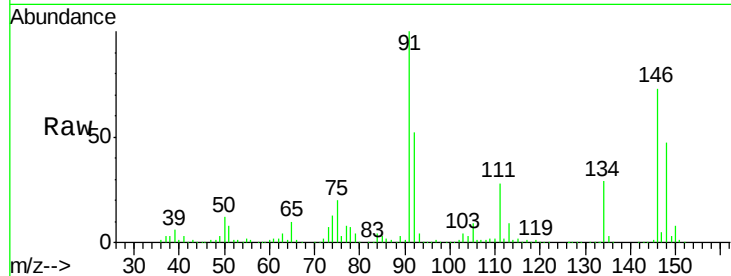
#91  
 1,2-Dichlorobenzene  
 Concen: 46.939 ug/l  
 RT: 12.39 min Scan# 1843  
 Delta R.T. 0.00 min  
 Lab File: VX011522.D  
 Acq: 13 Aug 2019 07:04

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.3  | 19.1  | 57.1  |
| 148     | 64.4  | 32.3  | 96.8  |

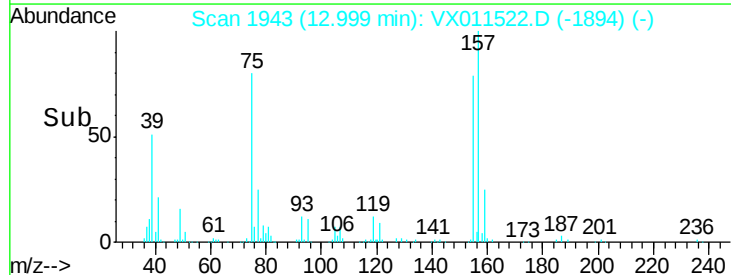
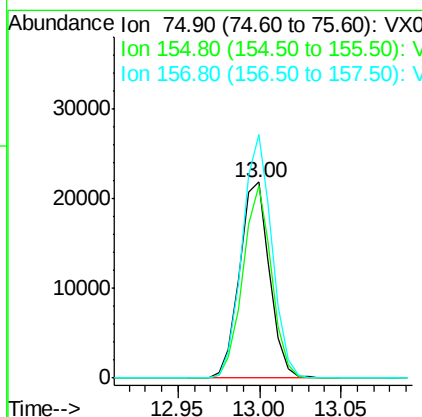
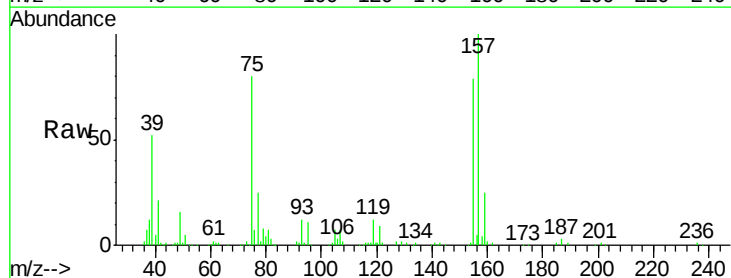
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 54.486 ug/l  
 RT: 13.00 min Scan# 1943  
 Delta R.T. 0.00 min  
 Lab File: VX011522.D  
 Acq: 13 Aug 2019 07:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 93.6  | 51.9  | 155.8 |
| 157     | 122.5 | 64.3  | 192.7 |





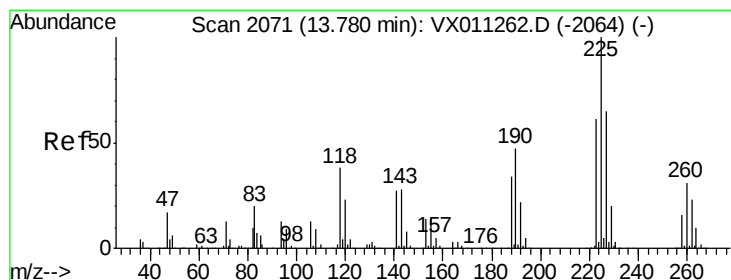
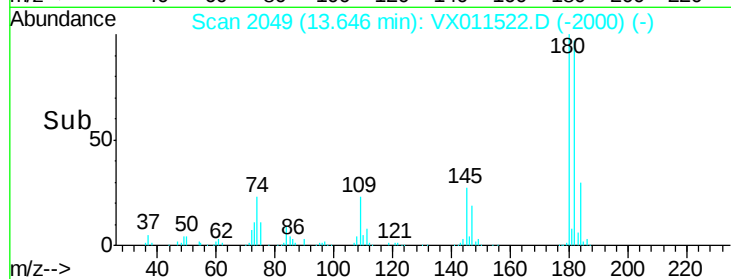
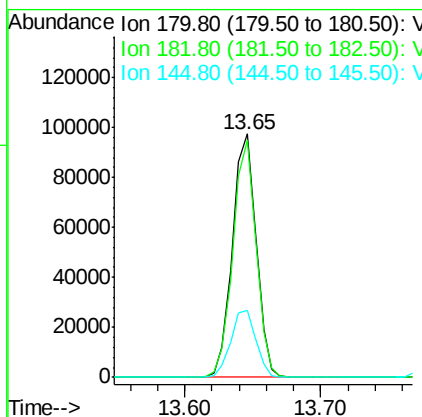
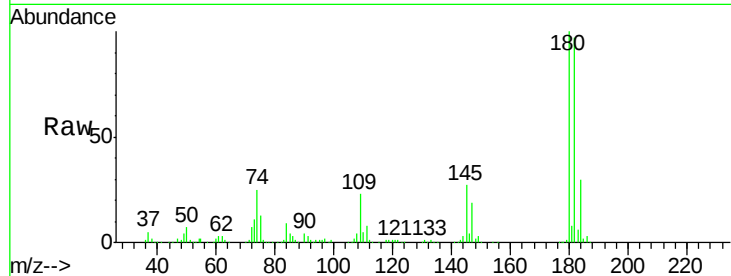
#93  
 1,2,4-Trichlorobenzene  
 Concen: 45.762 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. 0.00 min  
 Lab File: VX011522.D  
 Acq: 13 Aug 2019 07:04

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 118967 |       |       |
| 182     | 94.9  | 47.8   | 143.4 |       |
| 145     | 29.1  | 14.8   | 44.3  |       |

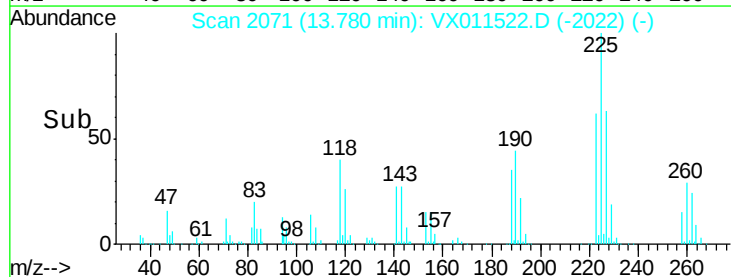
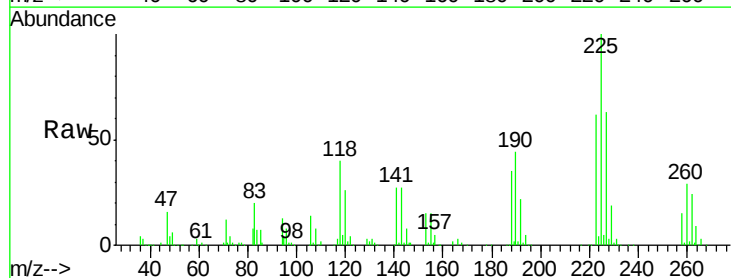
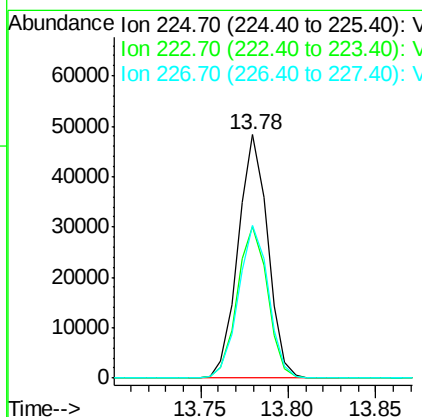
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#94  
 Hexachlorobutadiene  
 Concen: 43.124 ug/l  
 RT: 13.78 min Scan# 2071  
 Delta R.T. 0.00 min  
 Lab File: VX011522.D  
 Acq: 13 Aug 2019 07:04

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 56880 |       |       |
| 223     | 63.4  | 31.0  | 93.0  |       |
| 227     | 63.4  | 32.2  | 96.6  |       |





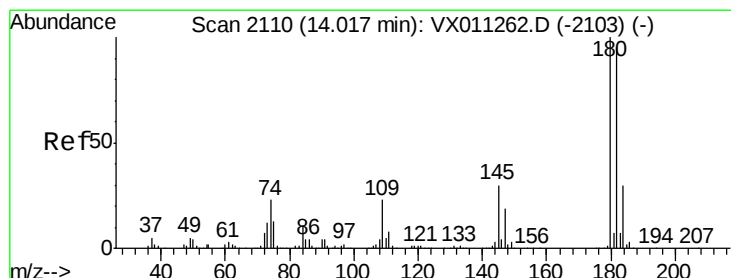
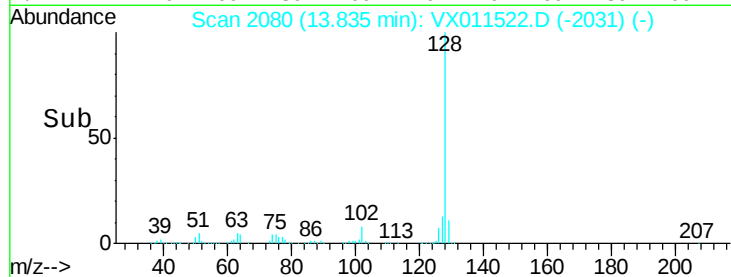
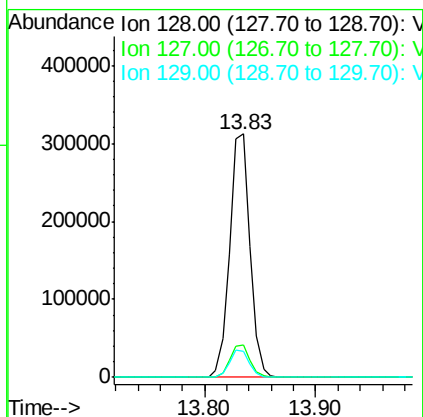
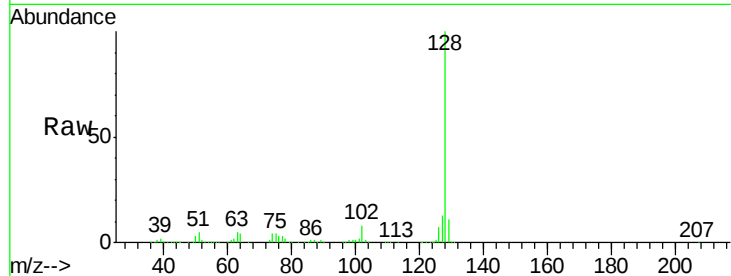
#95  
Naphthalene  
Concen: 51.582 ug/l  
RT: 13.83 min Scan# 2080  
Delta R.T. 0.00 min  
Lab File: VX011522.D  
Acq: 13 Aug 2019 07:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 392155 |       |       |
| 127     | 13.2  |        | 10.4  | 15.6  |
| 129     | 11.1  |        | 8.9   | 13.3  |

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 45.996 ug/l  
RT: 14.02 min Scan# 2110  
Delta R.T. 0.00 min  
Lab File: VX011522.D  
Acq: 13 Aug 2019 07:04

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 121565 |       |       |
| 182     | 96.9  |        | 47.4  | 142.3 |
| 145     | 32.4  |        | 15.2  | 45.6  |

