

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041618\  
 Data File : VX000964.D  
 Acq On : 17 Apr 2018 11:19  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 55 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 4/18/2018 2:45:14 PM

Quant Time: Apr 17 12:58:56 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X041018W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 10 15:49:28 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 223175   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 306761   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 292925   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.09 | 152  | 198678   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 6.07   | 65  | 136191   | 48.40 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.80% |      |
| 35) Dibromofluoromethane  | 5.51   | 113 | 116399   | 49.25 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.50% |      |
| 50) Toluene-d8            | 8.72   | 98  | 425585   | 48.36 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.72% |      |
| 62) 4-Bromofluorobenzene  | 11.15  | 95  | 172799   | 47.46 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 94.92% |      |

## Target Compounds

|                               |      |     |         |        |      | Qvalue |
|-------------------------------|------|-----|---------|--------|------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 118712  | 47.12  | ug/l | 99     |
| 3) Chloromethane              | 1.32 | 50  | 109095  | 50.51  | ug/l | 99     |
| 4) Vinyl Chloride             | 1.40 | 62  | 123249  | 50.73  | ug/l | 97     |
| 5) Bromomethane               | 1.64 | 94  | 77209   | 77.54  | ug/l | 98     |
| 6) Chloroethane               | 1.73 | 64  | 74680   | 50.72  | ug/l | 99     |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 186814  | 50.96  | ug/l | 98     |
| 8) Diethyl Ether              | 2.19 | 74  | 72821   | 53.18  | ug/l | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 107390  | 49.69  | ug/l | 99     |
| 10) Methyl Iodide             | 2.51 | 142 | 99630   | 57.71  | ug/l | 99     |
| 11) Tert butyl alcohol        | 3.07 | 59  | 108395  | 216.96 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 2.38 | 96  | 102540  | 50.06  | ug/l | 97     |
| 13) Acrolein                  | 2.29 | 56  | 25502   | 105.11 | ug/l | 96     |
| 14) Allyl chloride            | 2.73 | 41  | 184131  | 48.62  | ug/l | 100    |
| 15) Acrylonitrile             | 3.15 | 53  | 288853  | 271.18 | ug/l | 99     |
| 16) Acetone                   | 2.45 | 43  | 231112  | 238.16 | ug/l | 100    |
| 17) Carbon Disulfide          | 2.57 | 76  | 255948  | 41.27  | ug/l | 100    |
| 18) Methyl Acetate            | 2.78 | 43  | 148039  | 58.95  | ug/l | 98     |
| 19) Methyl tert-butyl Ether   | 3.21 | 73  | 367784  | 53.91  | ug/l | 100    |
| 20) Methylene Chloride        | 2.86 | 84  | 113430  | 50.26  | ug/l | 99     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 111756  | 49.48  | ug/l | 99     |
| 22) Diisopropyl ether         | 3.88 | 45  | 389295  | 55.93  | ug/l | 100    |
| 23) Vinyl Acetate             | 3.83 | 43  | 1611644 | 263.72 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 212337  | 54.37  | ug/l | 99     |
| 25) 2-Butanone                | 4.71 | 43  | 403215  | 251.62 | ug/l | 99     |
| 26) 2,2-Dichloropropane       | 4.59 | 77  | 134295  | 34.64  | ug/l | 98     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 134387  | 52.43  | ug/l | 96     |
| 28) Bromochloromethane        | 5.03 | 49  | 79302   | 50.42  | ug/l | 98     |
| 29) Tetrahydrofuran           | 5.17 | 42  | 260432  | 255.95 | ug/l | 100    |
| 30) Chloroform                | 5.22 | 83  | 223631  | 54.08  | ug/l | 99     |
| 31) Cyclohexane               | 5.59 | 56  | 179714  | 48.45  | ug/l | 98     |
| 32) 1,1,1-Trichloroethane     | 5.51 | 97  | 198676  | 50.43  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 5.81 | 75  | 162917  | 48.22  | ug/l | 99     |
| 37) Ethyl Acetate             | 4.87 | 43  | 164373  | 49.84  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 5.79 | 117 | 173963  | 46.01  | ug/l | 99     |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 55 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

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 4/18/2018 2:45:14 PM

Quant Time: Apr 17 12:58:56 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X041018W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 10 15:49:28 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 7.47  | 83   | 176252   | 43.44  | ug/l   | 97       |
| 40) Benzene                    | 6.15  | 78   | 479761   | 51.11  | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.07  | 41   | 97347    | 51.09  | ug/l   | 100      |
| 42) 1,2-Dichloroethane         | 6.21  | 62   | 183205   | 52.26  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 6.47  | 43   | 281357   | 49.76  | ug/l   | 100      |
| 44) Trichloroethene            | 7.22  | 130  | 146452   | 50.16  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 126274   | 52.83  | ug/l   | 99       |
| 46) Dibromomethane             | 7.67  | 93   | 85168    | 51.10  | ug/l   | 99       |
| 47) Bromodichloromethane       | 7.91  | 83   | 166140   | 49.39  | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.78  | 41   | 148706   | 50.74  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.76  | 88   | 43182    | 733.13 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 8.66  | 43   | 864107   | 260.16 | ug/l   | 99       |
| 52) Toluene                    | 8.79  | 92   | 316084   | 50.75  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 8.45  | 75   | 190948   | 47.33  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.05  | 75   | 181258   | 46.14  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 9.22  | 97   | 129671   | 52.45  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 9.19  | 69   | 194012   | 50.87  | ug/l   | 100      |
| 57) 1,3-Dichloropropane        | 9.38  | 76   | 208857   | 53.14  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.32  | 63   | 484064   | 271.65 | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.51  | 43   | 636941   | 248.40 | ug/l   | 100      |
| 60) Dibromochloromethane       | 9.59  | 129  | 142869   | 48.30  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 9.68  | 107  | 136813   | 52.16  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.34  | 164  | 147645   | 51.55  | ug/l   | 99       |
| 65) Chlorobenzene              | 10.15 | 112  | 377721   | 51.26  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.23 | 131  | 138380   | 49.89  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.26 | 91   | 616073   | 50.15  | ug/l   | 100      |
| 68) m/p-Xylenes                | 10.37 | 106  | 483115   | 99.63  | ug/l   | 100      |
| 69) o-Xylene                   | 10.71 | 106  | 238519   | 51.04  | ug/l   | 99       |
| 70) Styrene                    | 10.72 | 104  | 402782   | 51.12  | ug/l   | 99       |
| 71) Bromoform                  | 10.87 | 173  | 116442   | 45.34  | ug/l   | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 637077   | 50.55  | ug/l   | 100      |
| 74) N-amyl acetate             | 6.47  | 43   | 281357   | 49.57  | ug/l # | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 190996   | 52.22  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 194101m  | 56.65  | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 186991   | 50.62  | ug/l   | 99       |
| 78) n-propylbenzene            | 11.37 | 91   | 710290   | 49.27  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.43 | 91   | 429259   | 50.38  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 537611   | 49.60  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.08 | 75   | 47198    | 37.89  | ug/l   | 92       |
| 82) 4-Chlorotoluene            | 11.52 | 91   | 510470   | 49.63  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 550019   | 49.60  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 555021   | 49.60  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.95 | 105  | 634562   | 48.50  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 578189   | 47.39  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 12.03 | 146  | 340804   | 49.85  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 346455   | 49.45  | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.40 | 91   | 491652   | 45.66  | ug/l   | 100      |
| 90) Hexachloroethane           | 12.60 | 117  | 88903    | 43.07  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 12.40 | 146  | 338590   | 51.30  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 13.01 | 75   | 40365    | 44.04  | ug/l   | 98       |

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Acq On : 17 Apr 2018 11:19  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 55 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

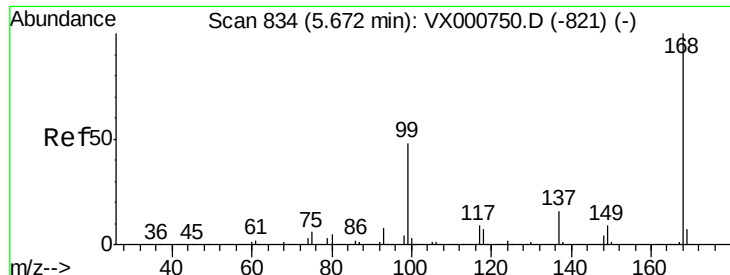
MMDadoda  
4/18/2018 2:45:14 PM

Quant Time: Apr 17 12:58:56 2018  
Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X041018W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 10 15:49:28 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 269276   | 47.81 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 13.79 | 225  | 109149   | 39.41 | ug/l  | 99       |
| 95) Naphthalene            | 13.84 | 128  | 725449   | 50.18 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 266309   | 48.68 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000964.D

Acq: 17 Apr 2018 11:19

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 223175

Ion Ratio Lower Upper

168 100

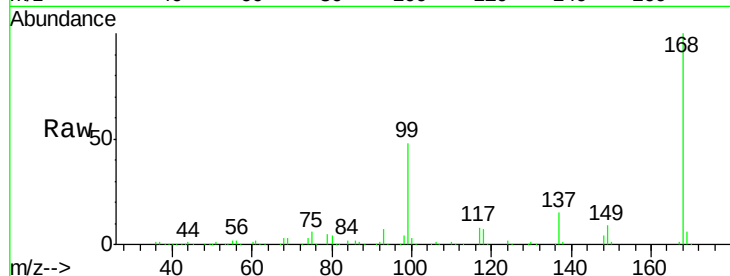
99 47.4 38.3 57.5

Manual Integrations

APPROVED

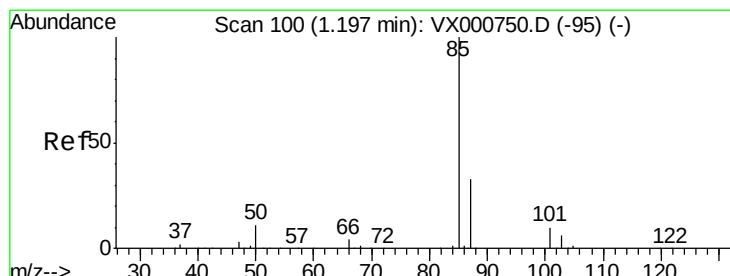
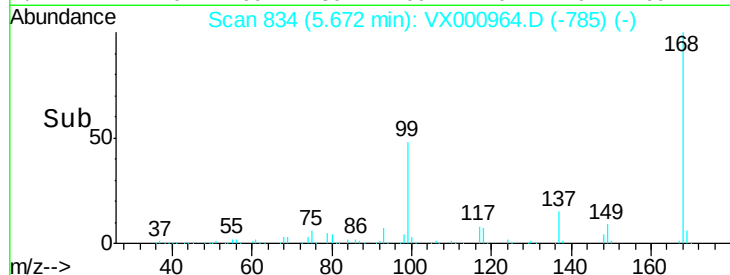
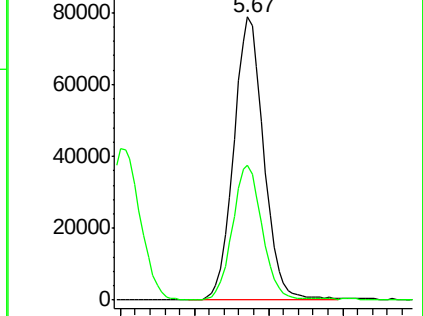
MMDadoda

4/18/2018 2:45:14 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 47.12 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000964.D

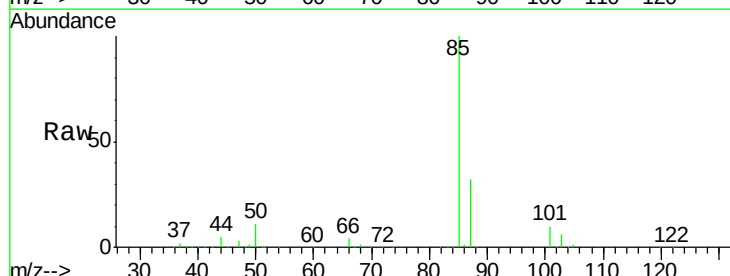
Acq: 17 Apr 2018 11:19

Tgt Ion: 85 Resp: 118712

Ion Ratio Lower Upper

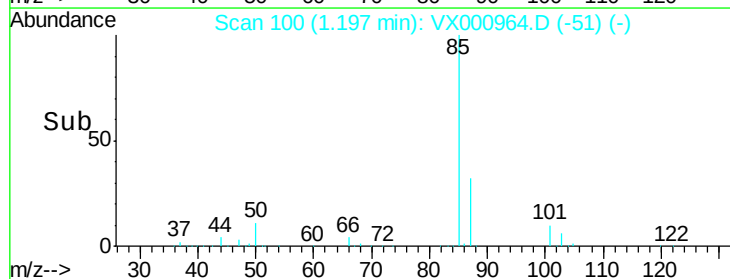
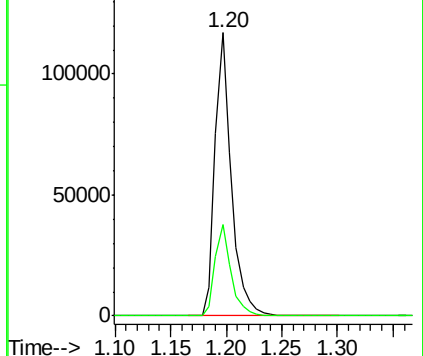
85 100

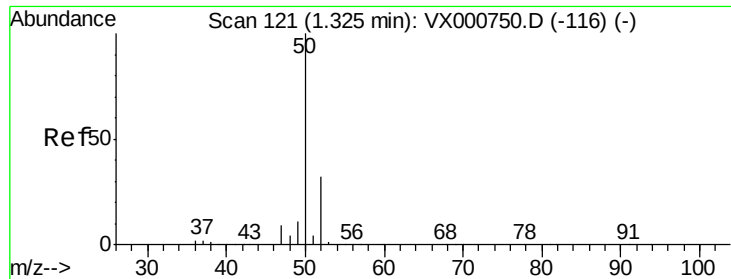
87 32.2 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 50.51 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000964.D

Acq: 17 Apr 2018 11:19

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 109095

Ion Ratio Lower Upper

50 100

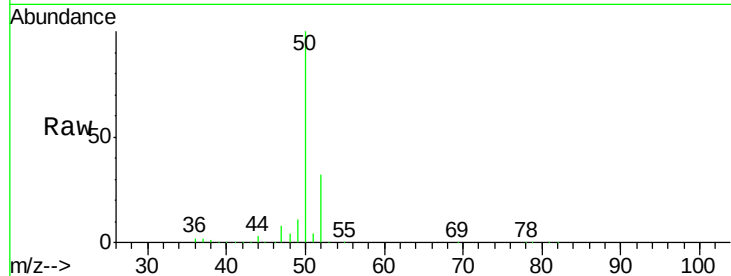
52 32.0 25.8 38.8

Manual Integrations

APPROVED

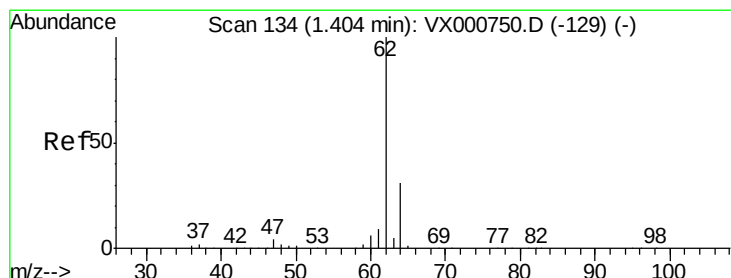
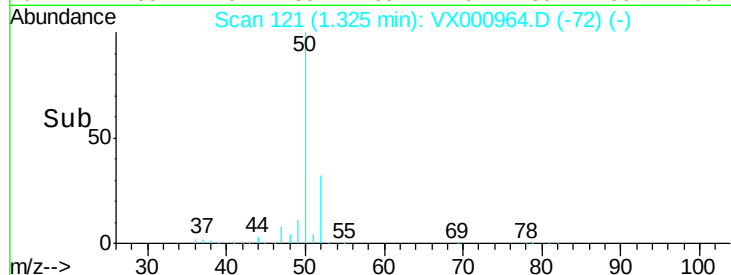
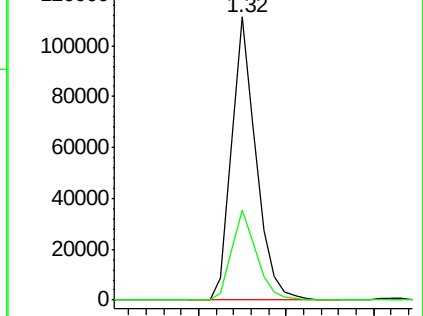
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.73 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000964.D

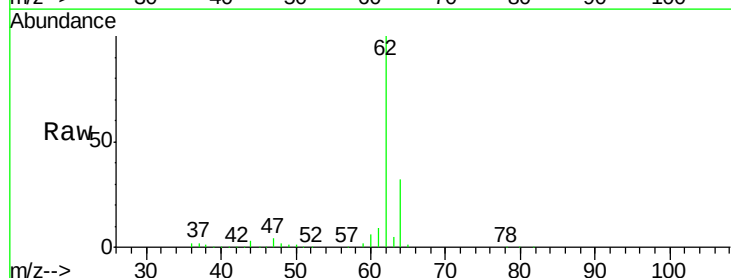
Acq: 17 Apr 2018 11:19

Tgt Ion: 62 Resp: 123249

Ion Ratio Lower Upper

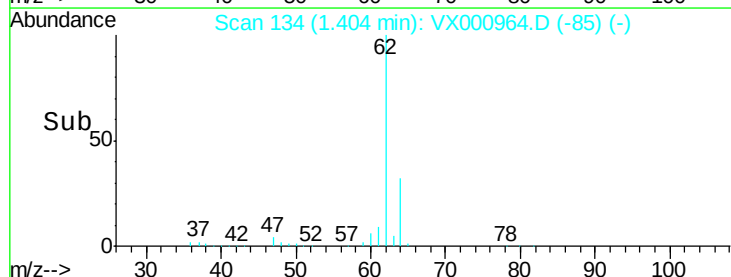
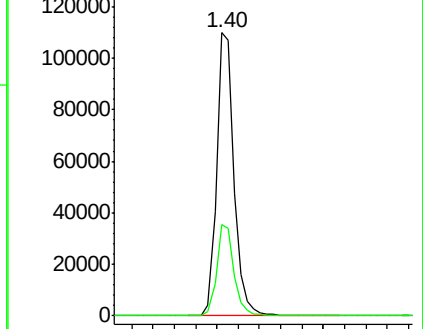
62 100

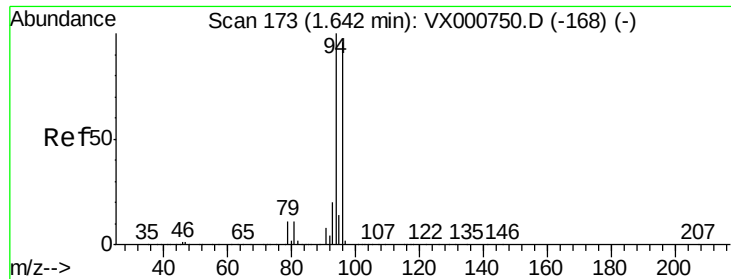
64 32.1 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 77.54 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000964.D

Acq: 17 Apr 2018 11:19

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 77209

Ion Ratio Lower Upper

94 100

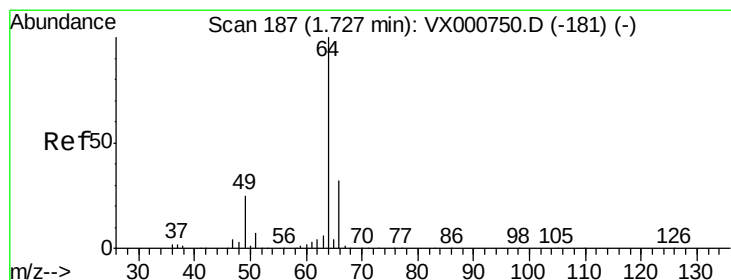
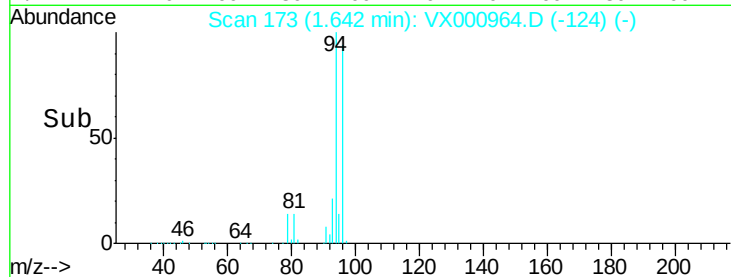
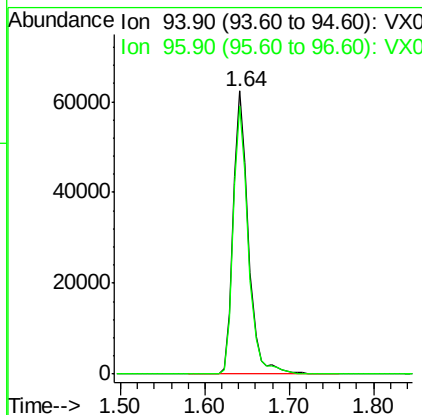
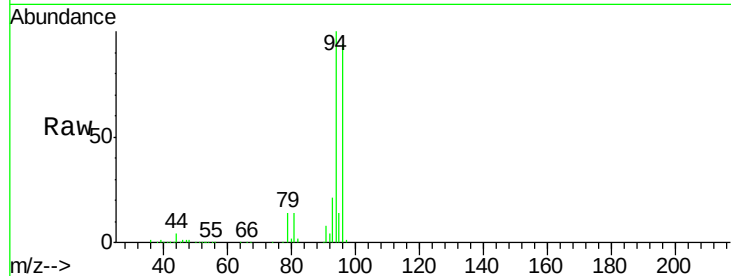
96 94.5 77.0 115.6

Manual Integrations

APPROVED

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4/18/2018 2:45:14 PM



#6

Chloroethane

Concen: 50.72 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX000964.D

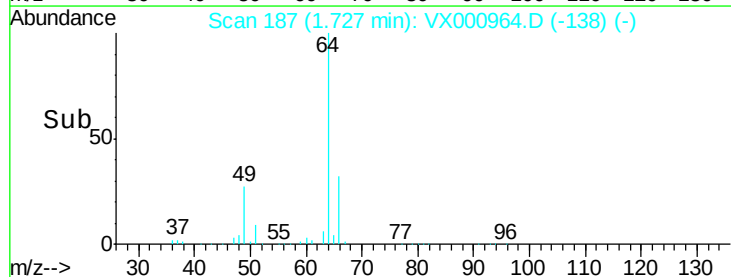
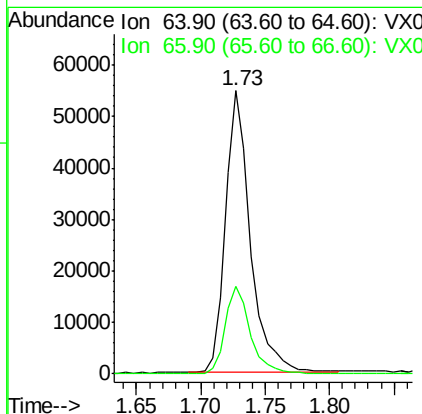
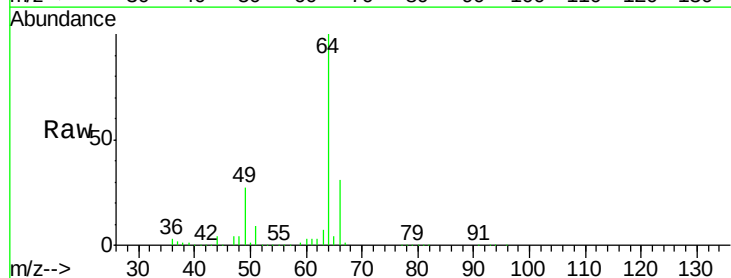
Acq: 17 Apr 2018 11:19

Tgt Ion: 64 Resp: 74680

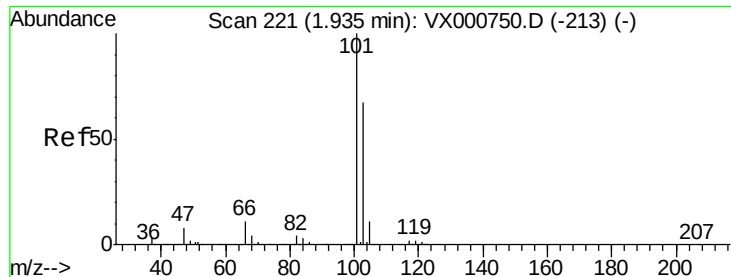
Ion Ratio Lower Upper

64 100

66 31.3 25.3 37.9







#7

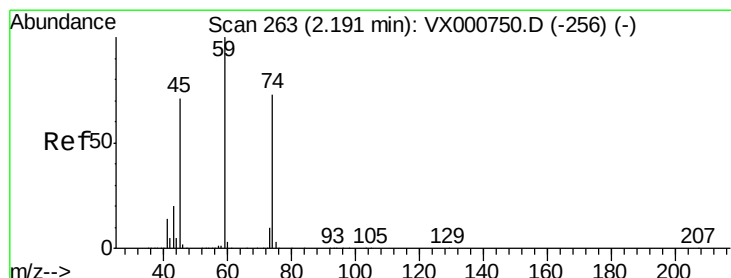
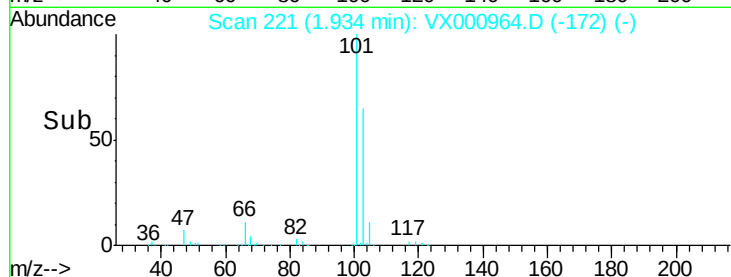
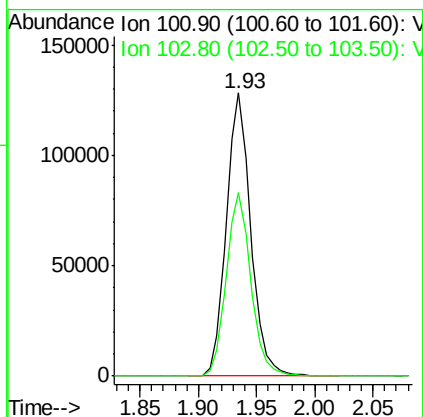
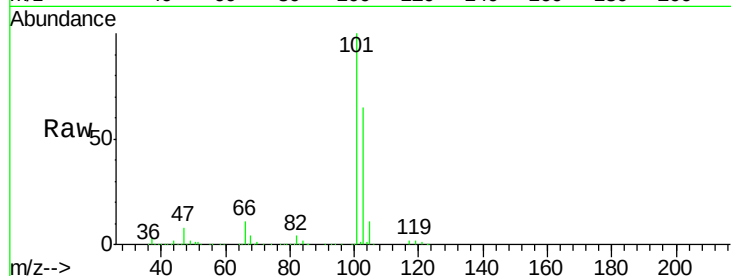
Trichlorofluoromethane  
 Concen: 50.96 ug/l  
 RT: 1.93 min Scan# 221  
 Delta R.T. -0.00 min  
 Lab File: VX000964.D  
 Acq: 17 Apr 2018 11:19

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 64.6  | 53.2  | 79.8  |

Manual Integrations  
 APPROVED

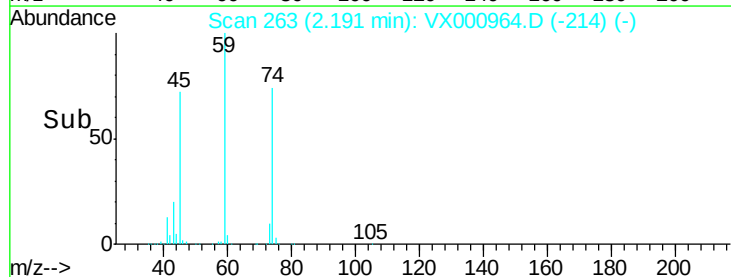
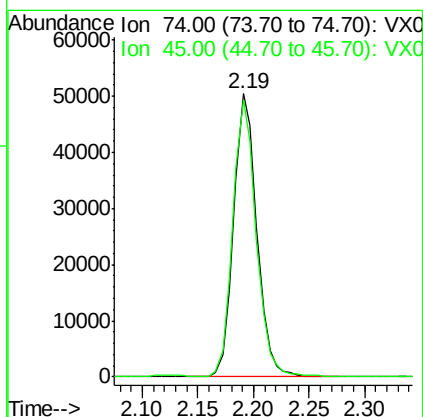
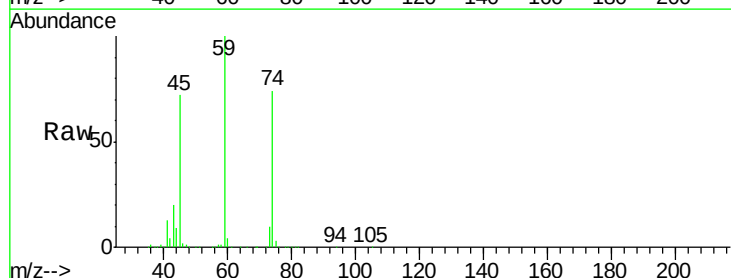
MMDadoda  
 4/18/2018 2:45:14 PM



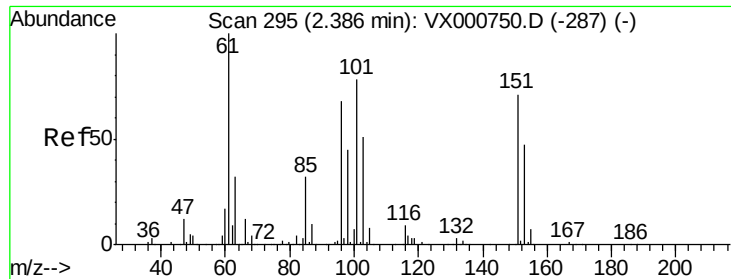
#8

Diethyl Ether  
 Concen: 53.18 ug/l  
 RT: 2.19 min Scan# 263  
 Delta R.T. -0.00 min  
 Lab File: VX000964.D  
 Acq: 17 Apr 2018 11:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 97.7  | 48.6  | 145.8 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.69 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000964.D

Acq: 17 Apr 2018 11:19

Instrument :

MSVOA\_X

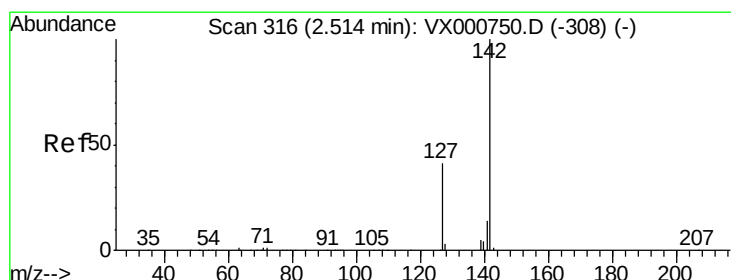
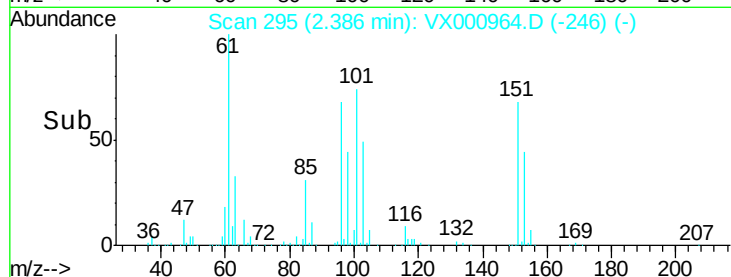
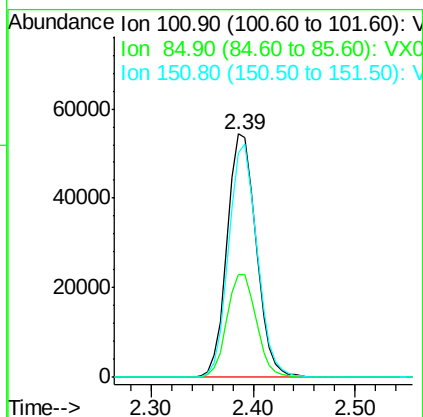
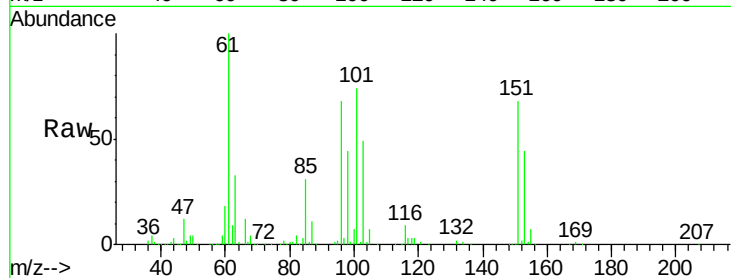
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 107390 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 42.7  | 34.0  | 51.0   |
| 151       | 93.7  | 75.8  | 113.8  |

Manual Integrations  
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MMDadoda  
4/18/2018 2:45:14 PM



#10

Methyl Iodide

Concen: 57.71 ug/l

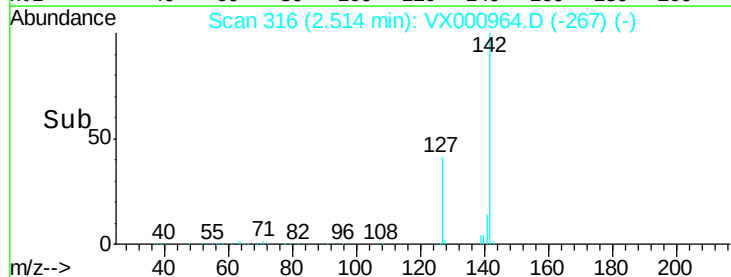
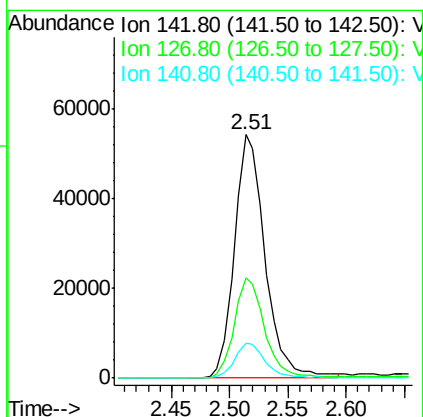
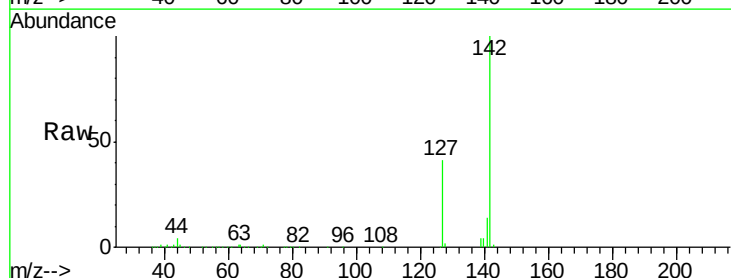
RT: 2.51 min Scan# 316

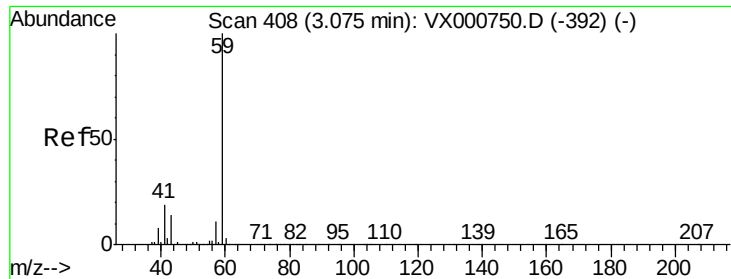
Delta R.T. 0.00 min

Lab File: VX000964.D

Acq: 17 Apr 2018 11:19

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 99630 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 41.4  | 32.6  | 49.0  |
| 141       | 14.6  | 11.5  | 17.3  |





#11

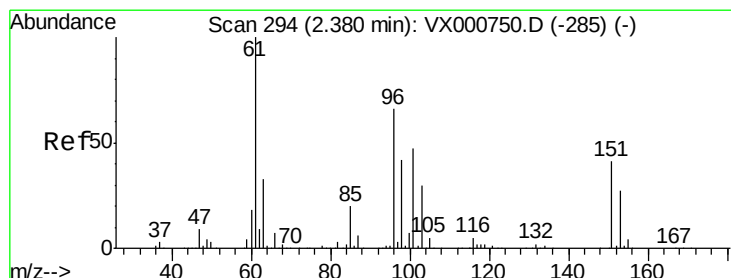
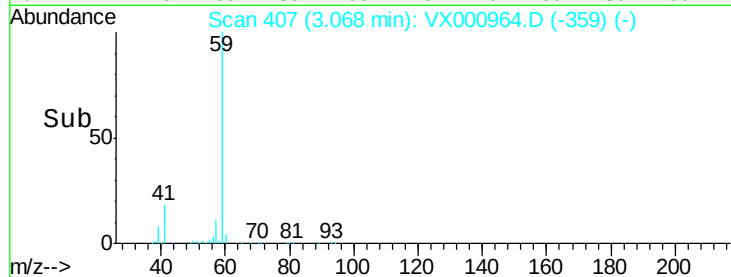
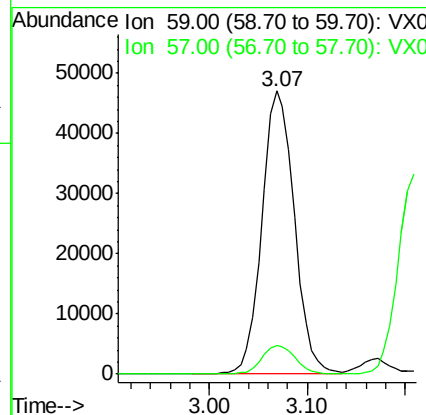
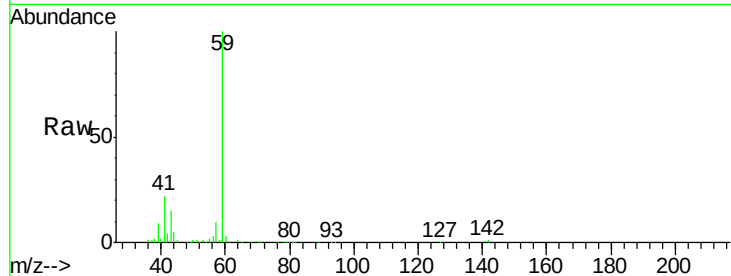
Tert butyl alcohol  
Concen: 216.96 ug/l  
RT: 3.07 min Scan# 407  
Delta R.T. -0.01 min  
Lab File: VX000964.D  
Acq: 17 Apr 2018 11:19

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 59      | 100   | 108395 |       |       |
| 57      | 10.6  |        | 8.4   | 12.6  |

Manual Integrations  
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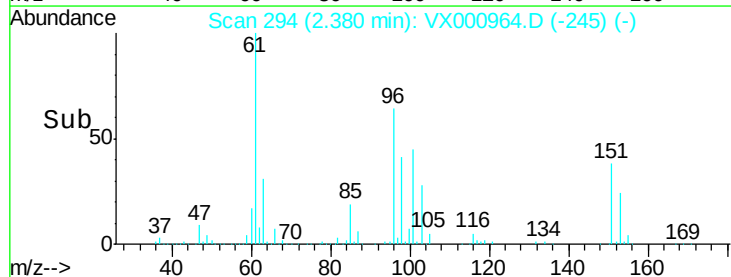
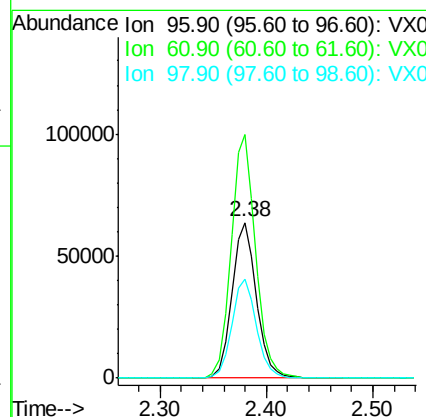
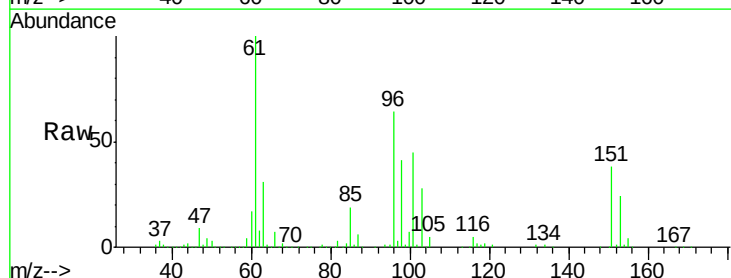
MMDadoda  
4/18/2018 2:45:14 PM

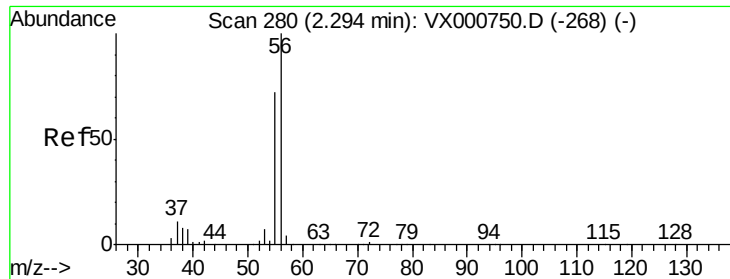


#12

1,1-Dichloroethene  
Concen: 50.06 ug/l  
RT: 2.38 min Scan# 294  
Delta R.T. -0.00 min  
Lab File: VX000964.D  
Acq: 17 Apr 2018 11:19

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 102540 |       |       |
| 61      | 156.2 |        | 120.5 | 180.7 |
| 98      | 63.6  |        | 50.9  | 76.3  |





#13

Acrolein

Concen: 105.11 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX000964.D

Acq: 17 Apr 2018 11:19

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 25502

Ion Ratio Lower Upper

56 100

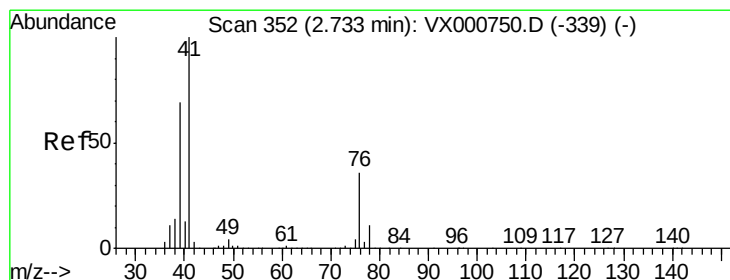
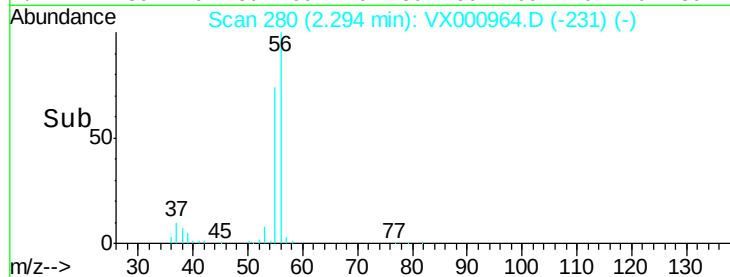
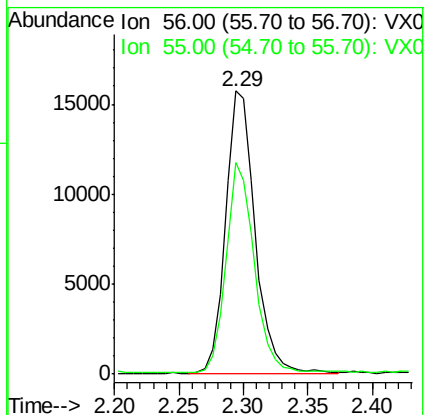
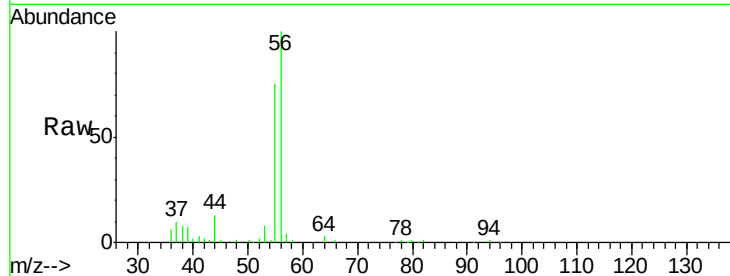
55 69.8 58.7 88.1

Manual Integrations

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MMDadoda

4/18/2018 2:45:14 PM



#14

Allyl chloride

Concen: 48.62 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000964.D

Acq: 17 Apr 2018 11:19

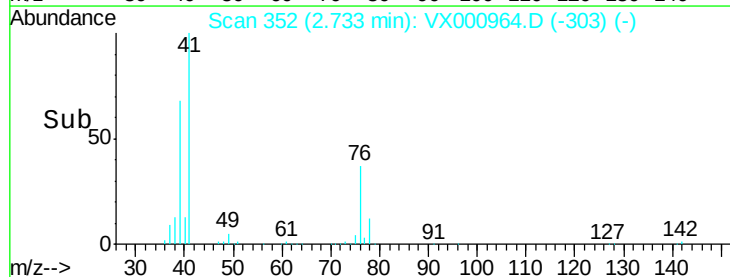
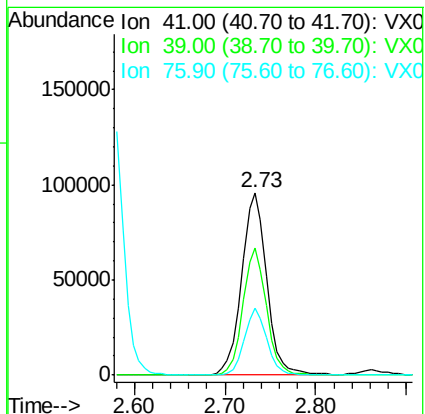
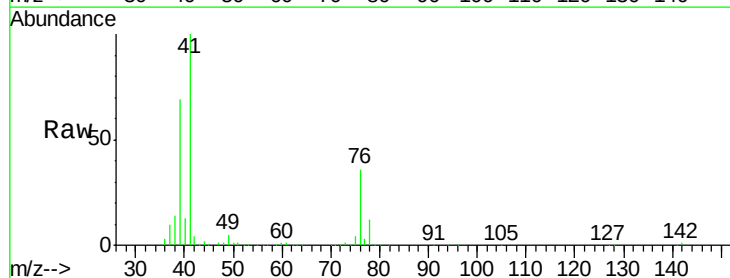
Tgt Ion: 41 Resp: 184131

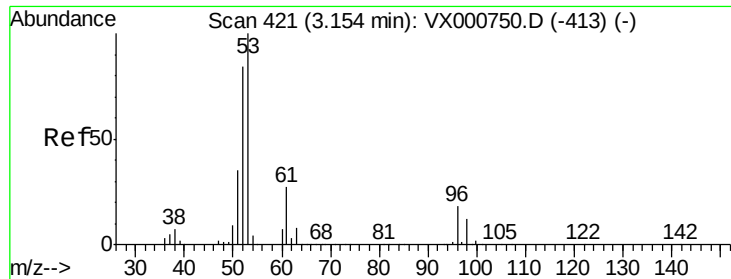
Ion Ratio Lower Upper

41 100

39 64.7 51.5 77.3

76 32.8 26.5 39.7





#15

Acrylonitrile

Concen: 271.18 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000964.D

Acq: 17 Apr 2018 11:19

Instrument :

MSVOA\_X

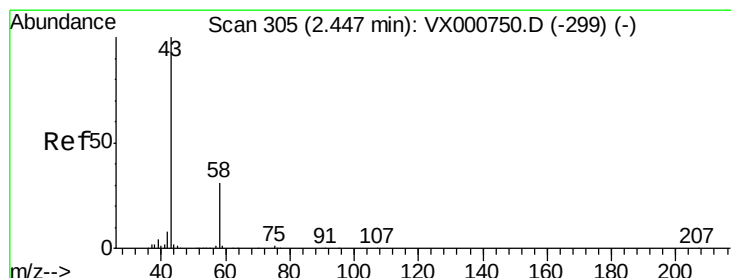
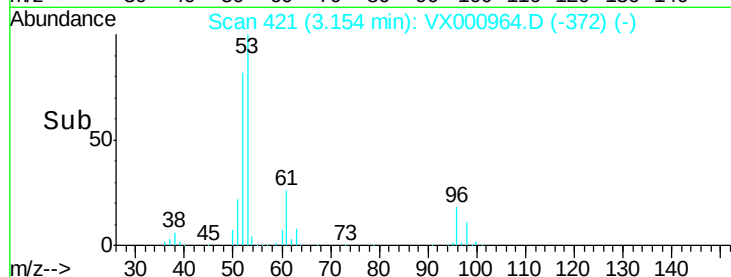
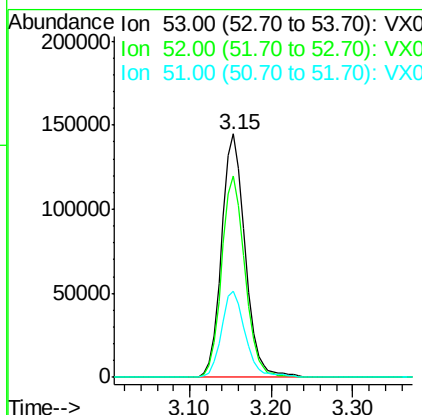
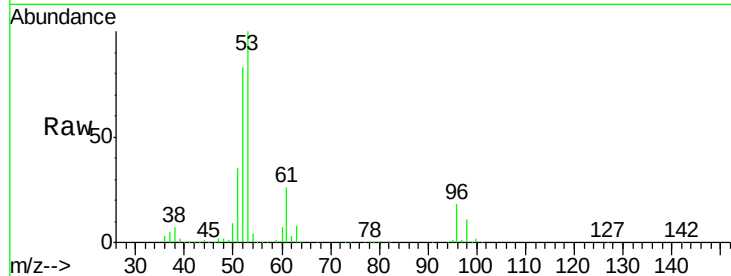
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 288853 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 82.1  | 66.5  | 99.7   |
| 51        | 35.8  | 28.8  | 43.2   |

Manual Integrations  
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4/18/2018 2:45:14 PM



#16

Acetone

Concen: 238.16 ug/l

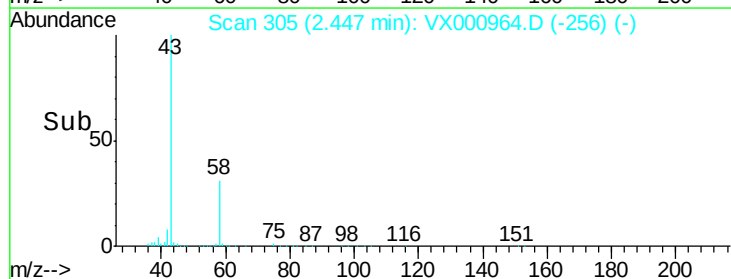
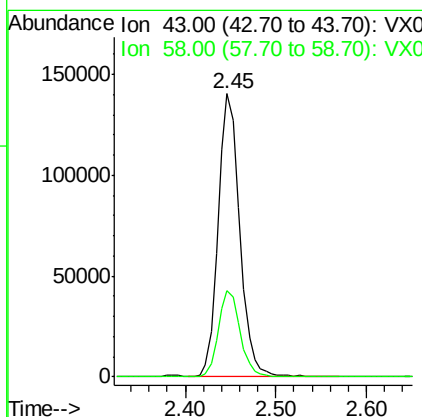
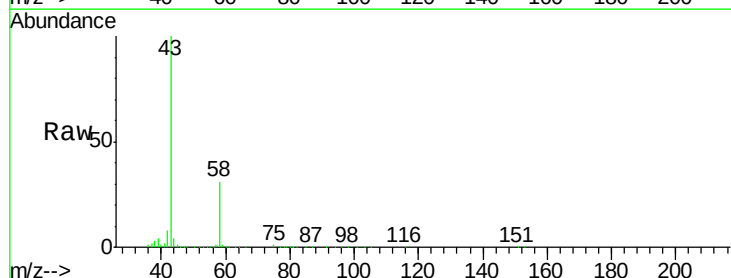
RT: 2.45 min Scan# 305

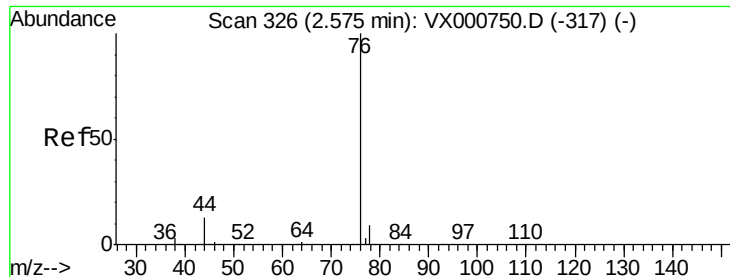
Delta R.T. -0.00 min

Lab File: VX000964.D

Acq: 17 Apr 2018 11:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 231112 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 30.6  | 24.6  | 37.0   |





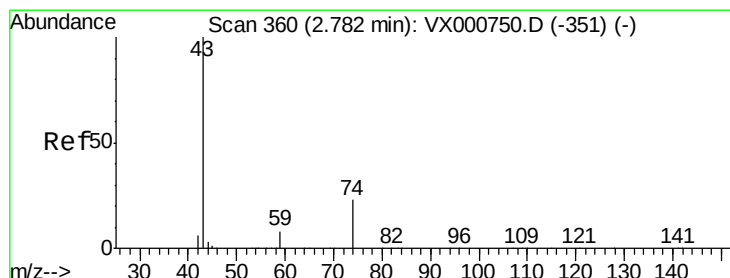
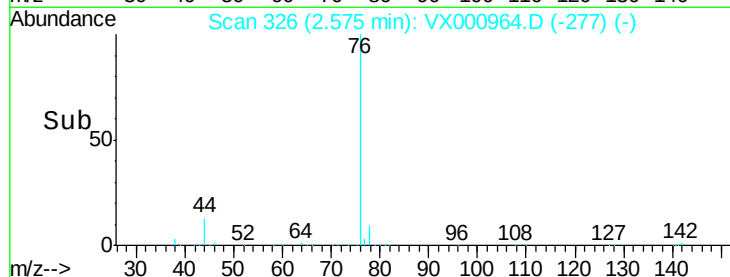
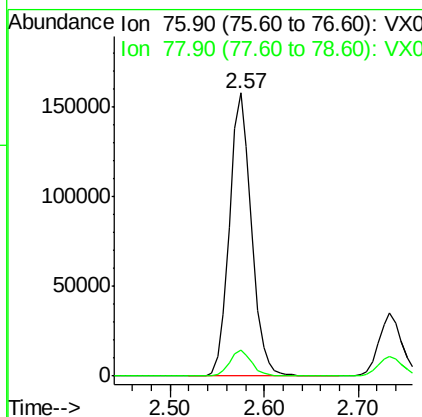
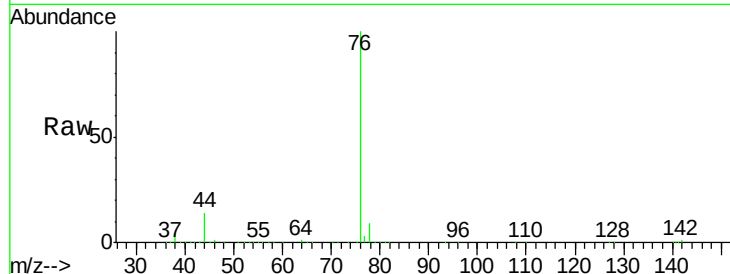
#17  
Carbon Disulfide  
Concen: 41.27 ug/l  
RT: 2.57 min Scan# 326  
Delta R.T. -0.00 min  
Lab File: VX000964.D  
Acq: 17 Apr 2018 11:19

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.2   | 7.4   | 11.2  |

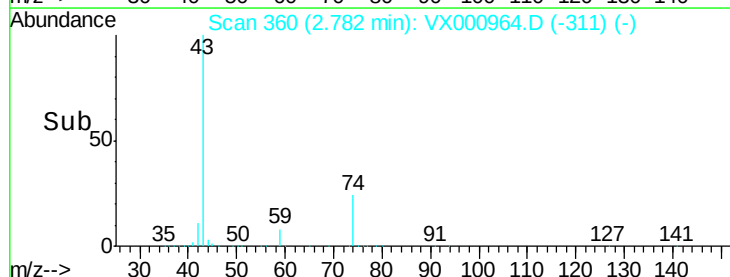
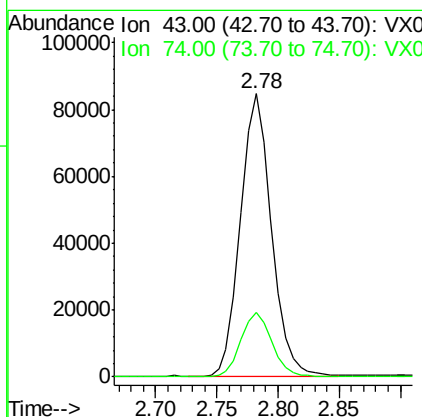
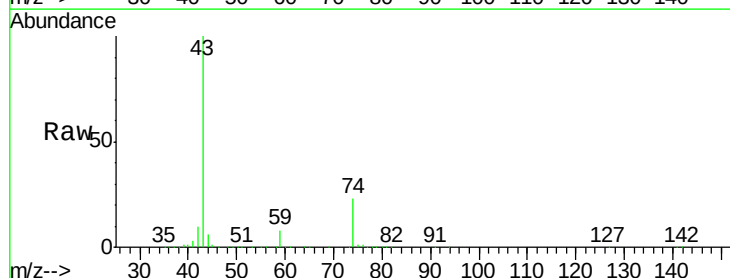
Manual Integrations  
APPROVED

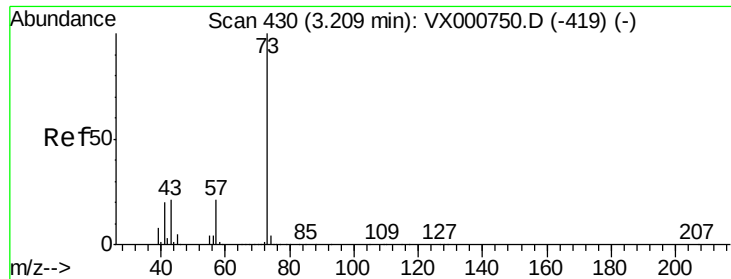
MMDadoda  
4/18/2018 2:45:14 PM



#18  
Methyl Acetate  
Concen: 58.95 ug/l  
RT: 2.78 min Scan# 360  
Delta R.T. -0.00 min  
Lab File: VX000964.D  
Acq: 17 Apr 2018 11:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 22.8  | 19.1  | 28.7  |





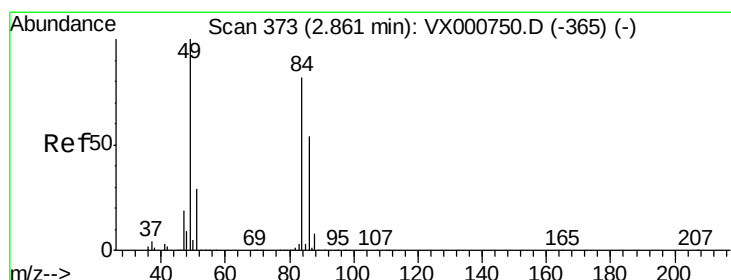
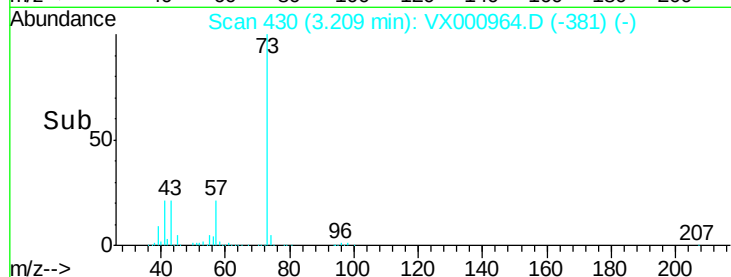
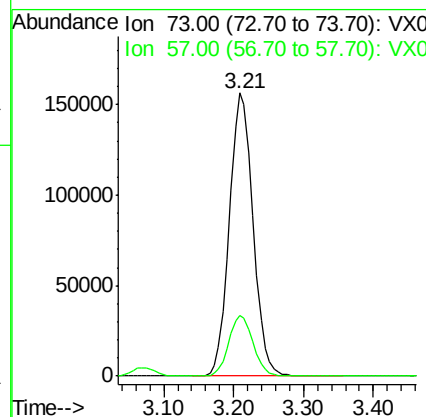
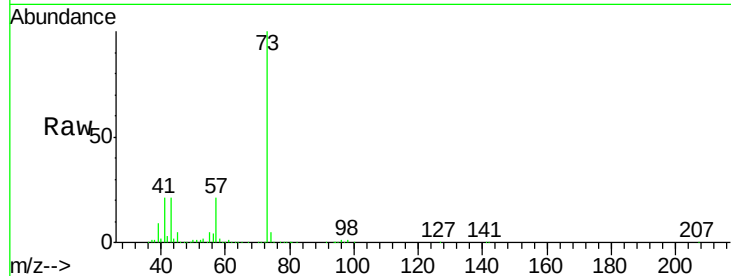
#19  
Methvl tert-butvl Ether  
Concen: 53.91 ug/l  
RT: 3.21 min Scan# 430  
Delta R.T. -0.00 min  
Lab File: VX000964.D  
Acq: 17 Apr 2018 11:19

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion   | 73    | Resp  | 367784 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 73        | 100   |       |        |
| 57        | 21.3  | 16.9  | 25.3   |

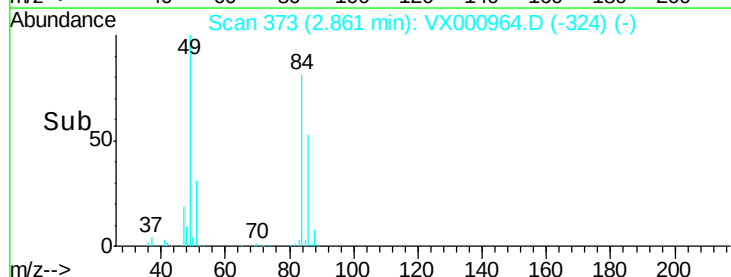
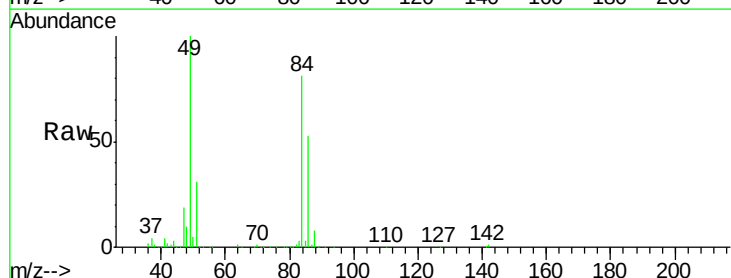
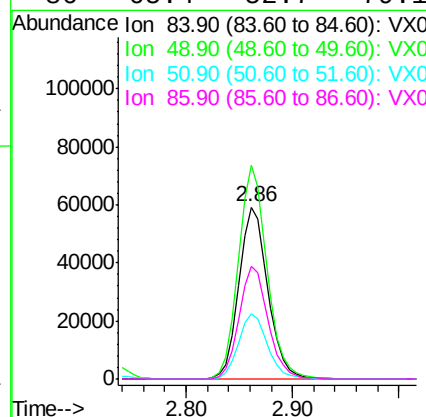
Manual Integrations  
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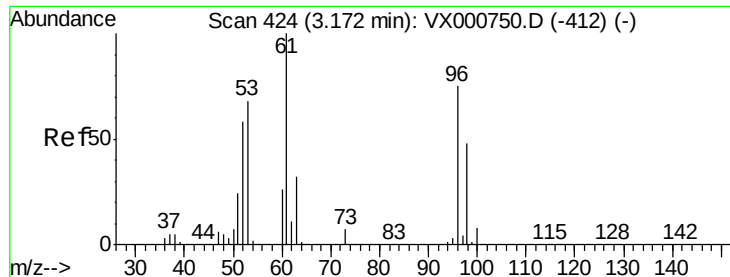
MMDadoda  
4/18/2018 2:45:14 PM



#20  
Methylene Chloride  
Concen: 50.26 ug/l  
RT: 2.86 min Scan# 373  
Delta R.T. -0.00 min  
Lab File: VX000964.D  
Acq: 17 Apr 2018 11:19

| Tgt Ion   | 84    | Resp  | 113430 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 84        | 100   |       |        |
| 49        | 124.1 | 98.1  | 147.1  |
| 51        | 37.9  | 28.9  | 43.3   |
| 86        | 65.4  | 52.7  | 79.1   |





#21

trans-1,2-Dichloroethene

Concen: 49.48 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000964.D

Acq: 17 Apr 2018 11:19

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 111756

Ion Ratio Lower Upper

96 100

61 133.0 106.2 159.2

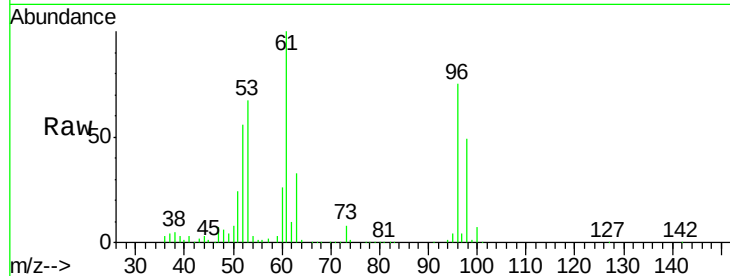
98 64.9 51.2 76.8

Manual Integrations

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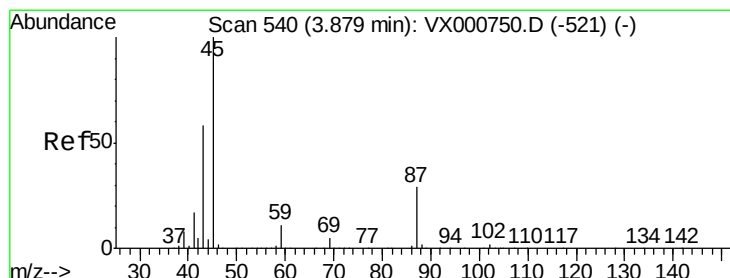
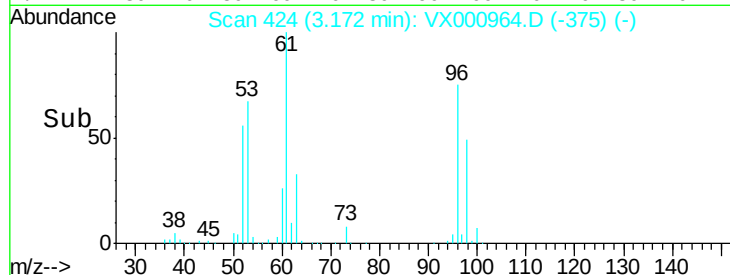
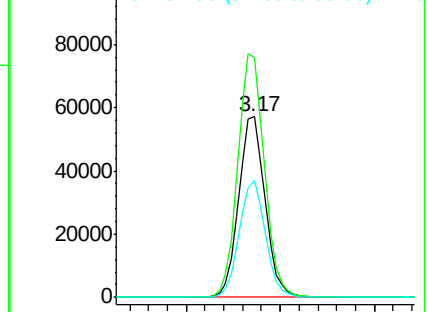


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 55.93 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX000964.D

Acq: 17 Apr 2018 11:19

Tgt Ion: 45 Resp: 389295

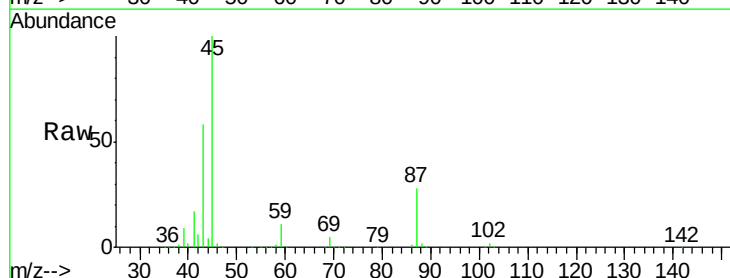
Ion Ratio Lower Upper

45 100

43 58.4 46.6 69.8

87 28.5 22.9 34.3

59 11.2 9.2 13.8



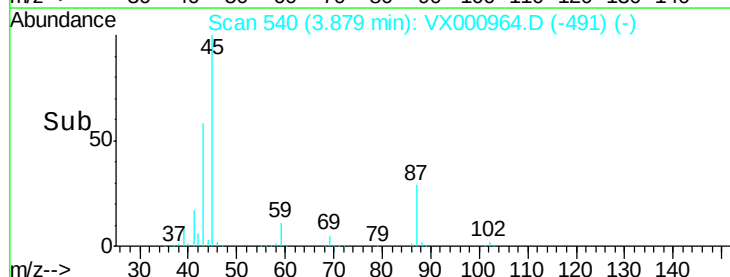
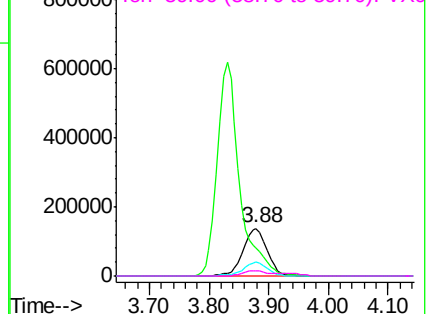
Abundance

Ion 45.00 (44.70 to 45.70): VX0

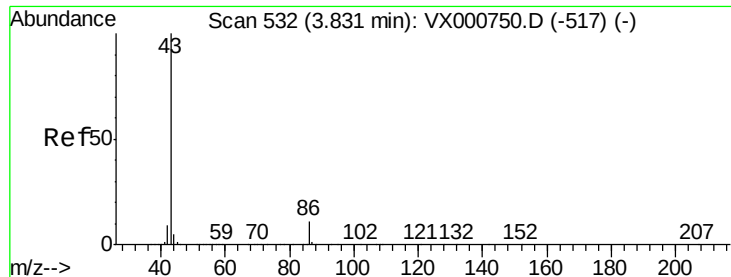
Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0







#23

Vinyl Acetate

Concen: 263.72 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX000964.D

Acq: 17 Apr 2018 11:19

Tot Ion: 43 Resp: 1611644

Ion Ratio Lower Upper

43 100

86 10.3 8.6 12.8

Instrument :

MSVOA\_X

ClientSampleId :

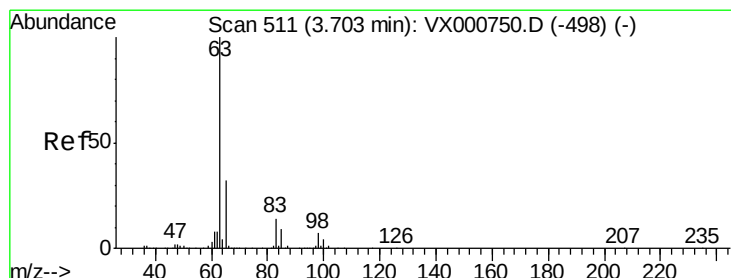
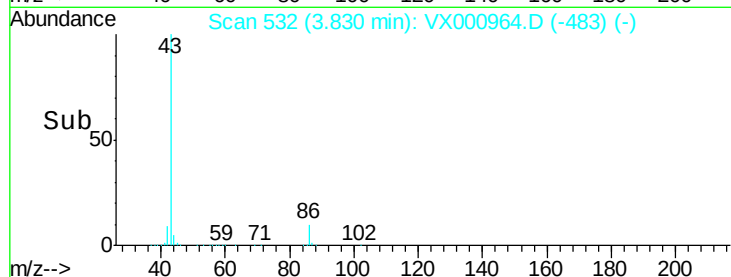
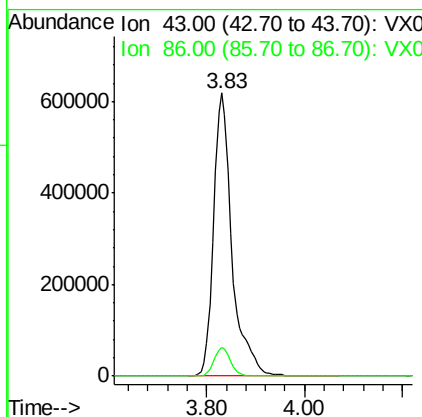
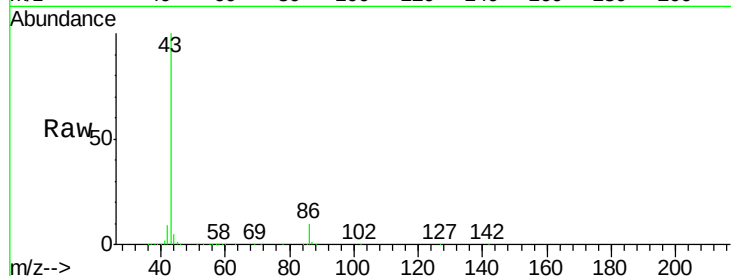
VSTDCCC050EC

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 54.37 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000964.D

Acq: 17 Apr 2018 11:19

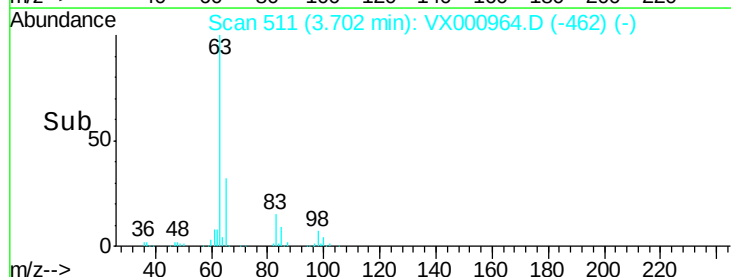
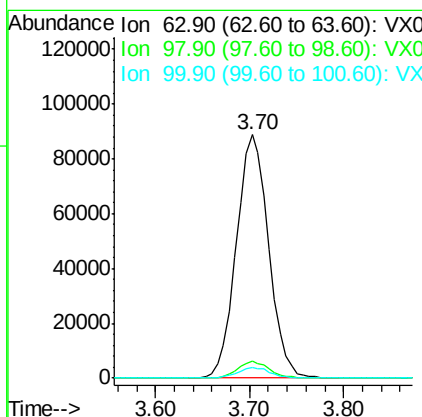
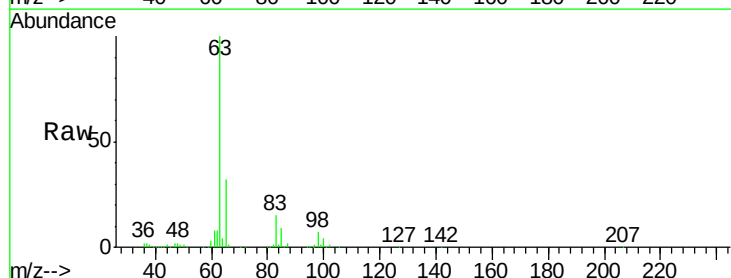
Tgt Ion: 63 Resp: 212337

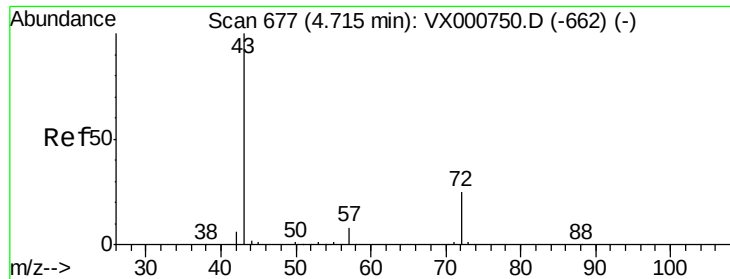
Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.9

100 4.4 2.1 6.3





#25

2-Butanone

Concen: 251.62 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX000964.D

Acq: 17 Apr 2018 11:19

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 403215

Ion Ratio Lower Upper

43 100

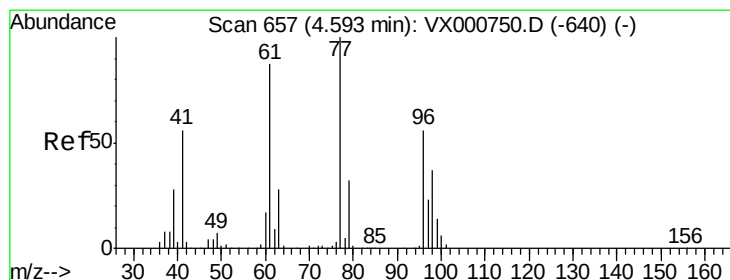
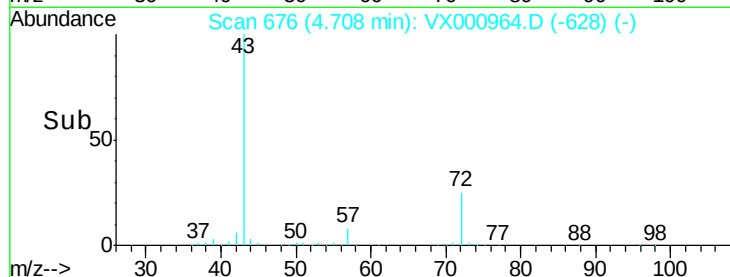
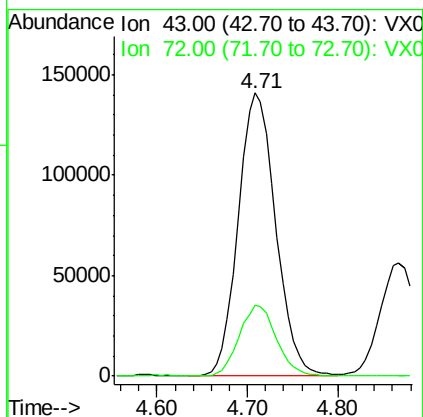
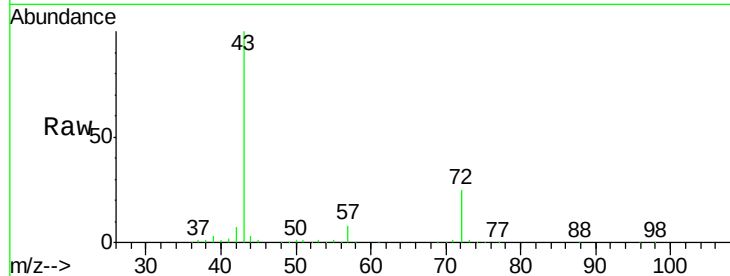
72 24.7 20.3 30.5

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#26

2,2-Dichloropropane

Concen: 34.64 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000964.D

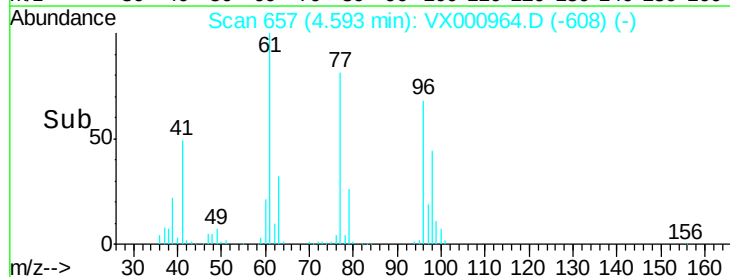
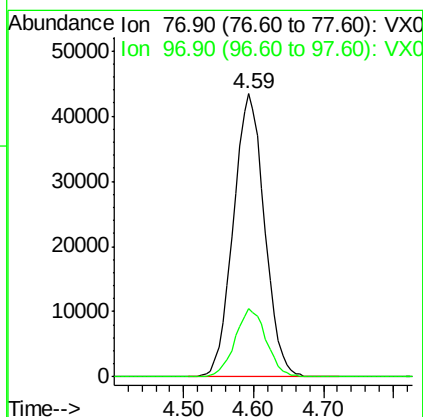
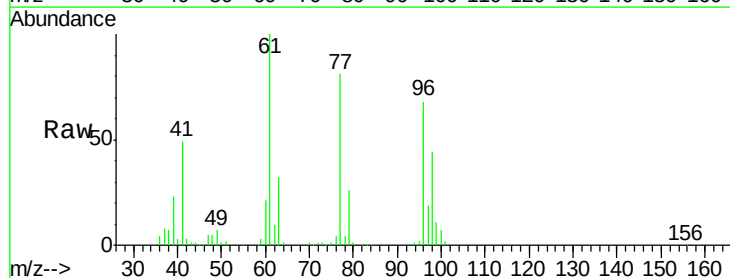
Acq: 17 Apr 2018 11:19

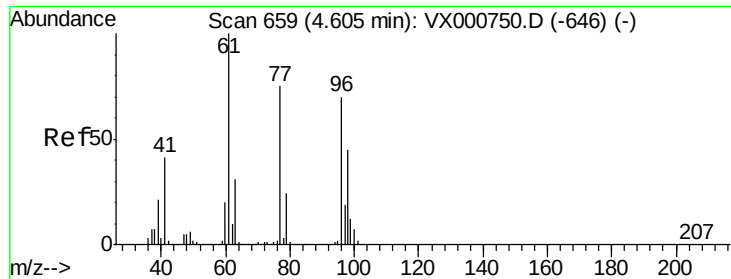
Tgt Ion: 77 Resp: 134295

Ion Ratio Lower Upper

77 100

97 23.9 11.5 34.4





#27

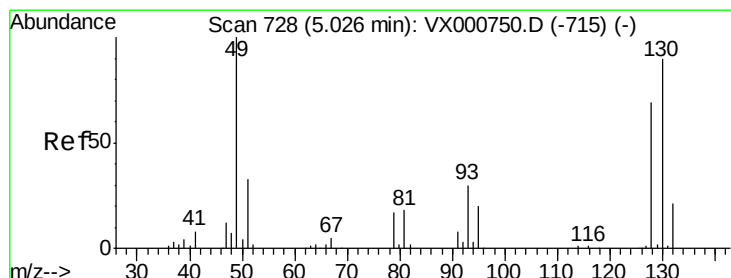
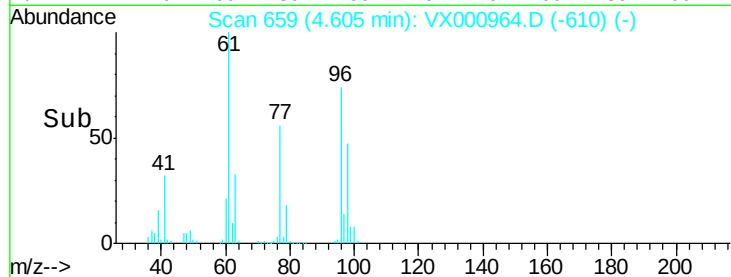
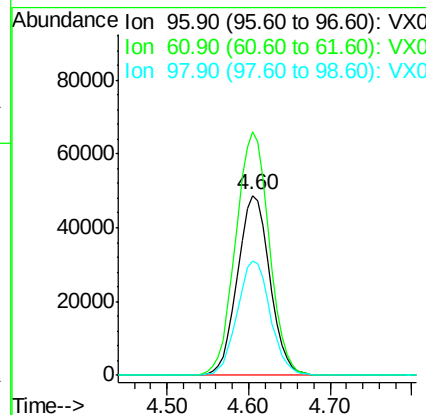
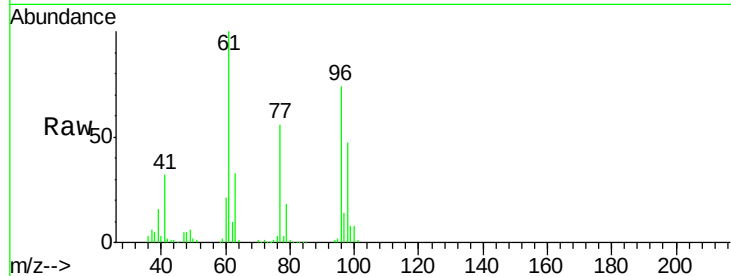
cis-1,2-Dichloroethene  
Concen: 52.43 ug/l  
RT: 4.60 min Scan# 659  
Delta R.T. -0.00 min  
Lab File: VX000964.D  
Acq: 17 Apr 2018 11:19

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 134387 |       |       |
| 61      | 139.9 | 0.0    | 292.4 |       |
| 98      | 64.7  | 0.0    | 130.2 |       |

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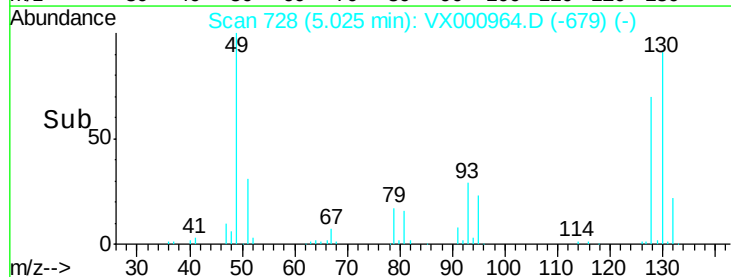
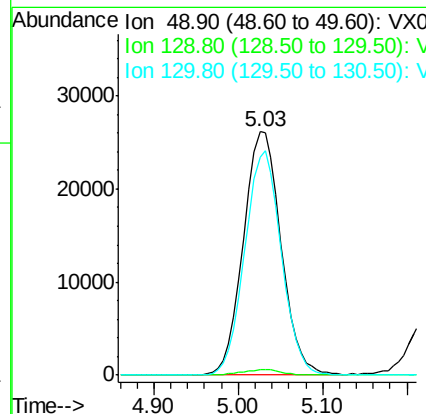
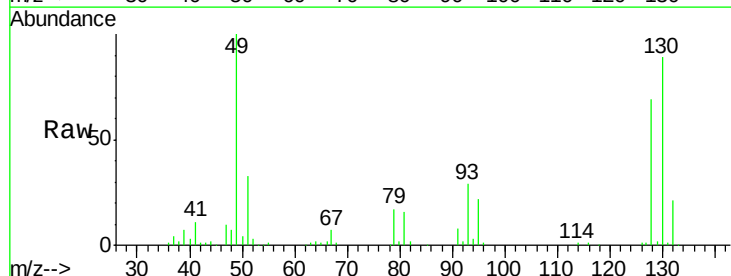
MMDadoda  
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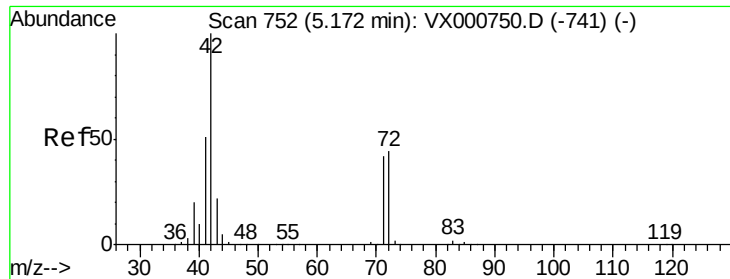


#28

Bromochloromethane  
Concen: 50.42 ug/l  
RT: 5.03 min Scan# 728  
Delta R.T. -0.00 min  
Lab File: VX000964.D  
Acq: 17 Apr 2018 11:19

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 49      | 100   | 79302 |       |       |
| 129     | 2.4   | 0.0   | 5.2   |       |
| 130     | 89.3  | 72.6  | 109.0 |       |





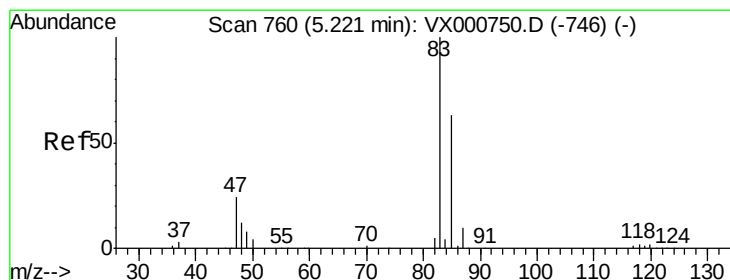
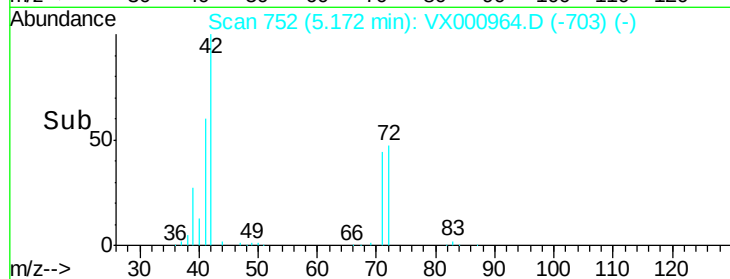
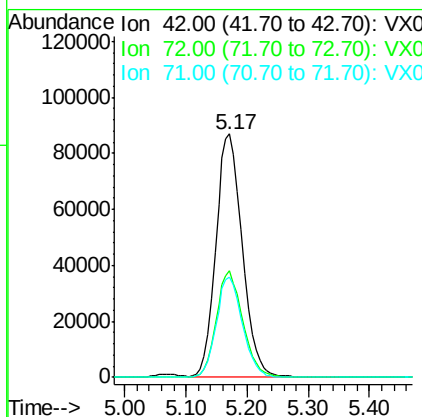
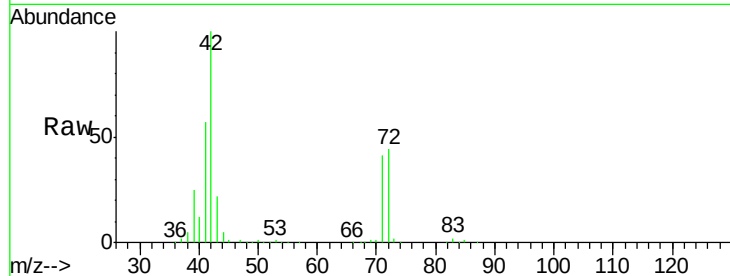
#29  
Tetrahydrofuran  
Concen: 255.95 ug/l  
RT: 5.17 min Scan# 752  
Delta R.T. -0.00 min  
Lab File: VX000964.D  
Acq: 17 Apr 2018 11:19

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 43.8  | 35.1  | 52.7  |
| 71      | 41.0  | 32.8  | 49.2  |

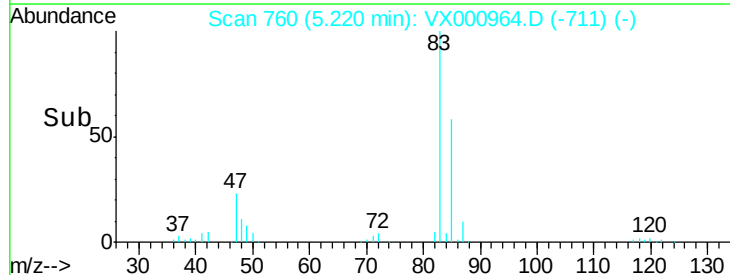
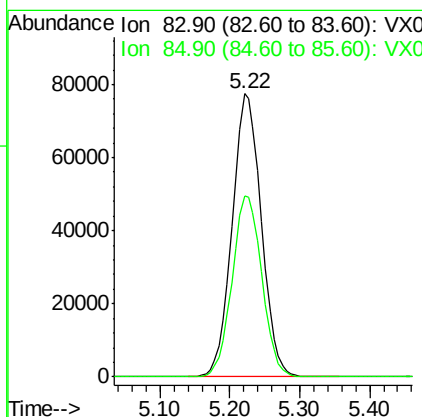
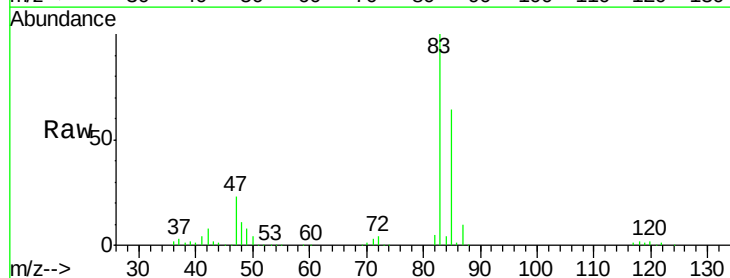
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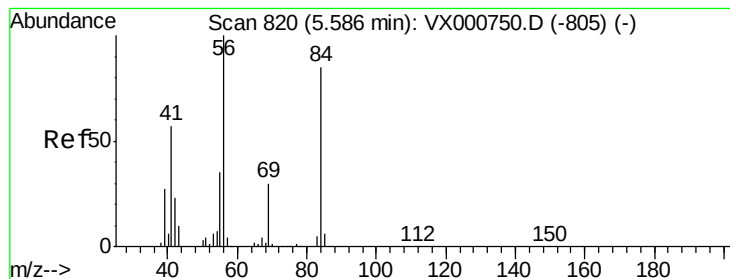
MMDadoda  
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#30  
Chloroform  
Concen: 54.08 ug/l  
RT: 5.22 min Scan# 760  
Delta R.T. -0.00 min  
Lab File: VX000964.D  
Acq: 17 Apr 2018 11:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.0  | 50.7  | 76.1  |





#31

Cyclohexane

Concen: 48.45 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.00 min

Lab File: VX000964.D

Acq: 17 Apr 2018 11:19

Instrument :

MSVOA\_X

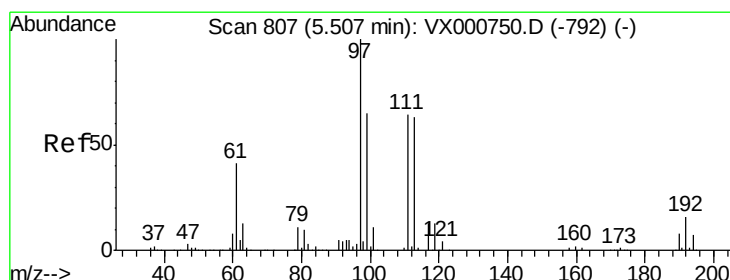
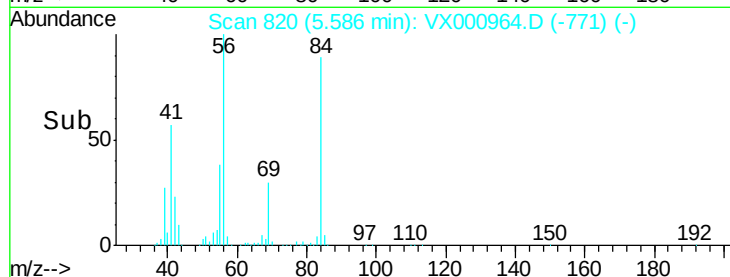
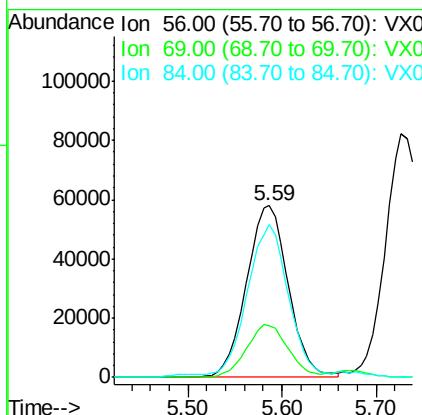
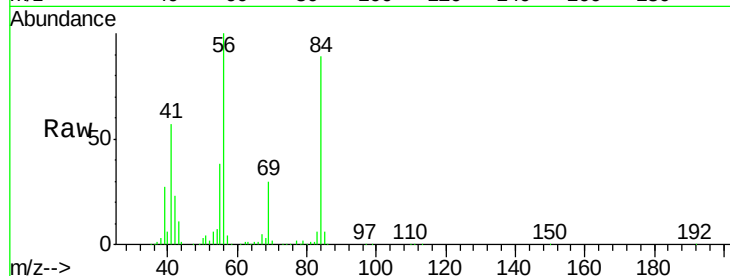
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 56    | Resp: | 179714 |
| Ion      | Ratio | Lower | Upper  |
| 56       | 100   |       |        |
| 69       | 30.2  | 24.2  | 36.4   |
| 84       | 87.1  | 67.6  | 101.4  |

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#32

1,1,1-Trichloroethane

Concen: 50.43 ug/l

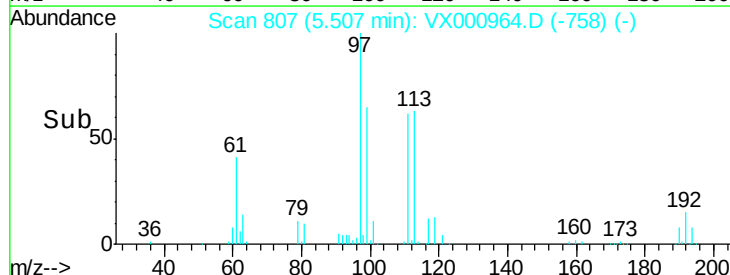
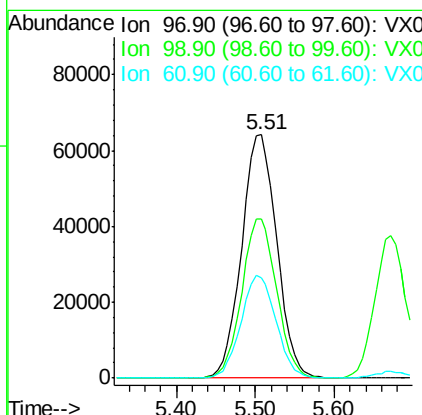
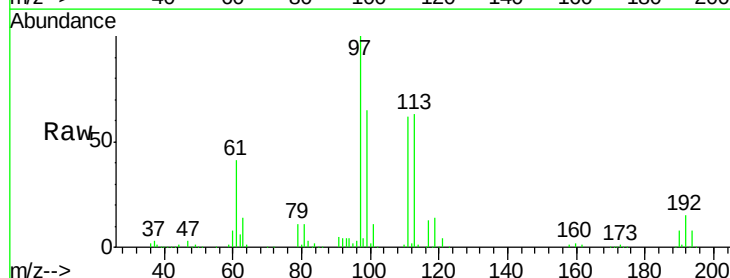
RT: 5.51 min Scan# 807

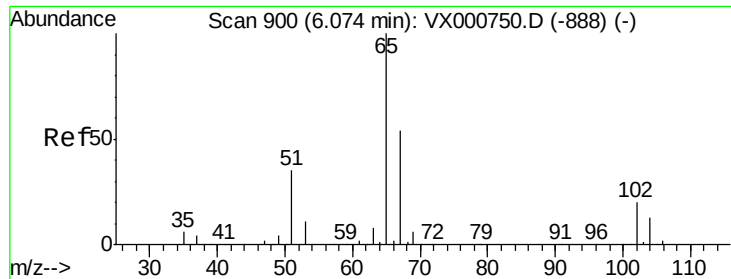
Delta R.T. -0.00 min

Lab File: VX000964.D

Acq: 17 Apr 2018 11:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 198676 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 99       | 64.9  | 51.4  | 77.0   |
| 61       | 42.3  | 33.7  | 50.5   |





#33

1,2-Dichloroethane-d4

Concen: 48.40 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX000964.D

Acq: 17 Apr 2018 11:19

Tot Ion: 65 Resp: 136191

Ion Ratio Lower Upper

65 100

67 51.9 0.0 103.8

Instrument :

MSVOA\_X

ClientSampleId :

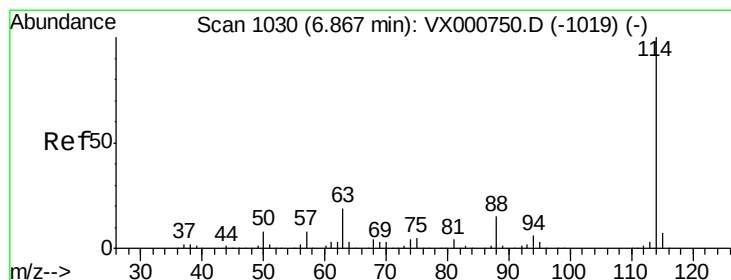
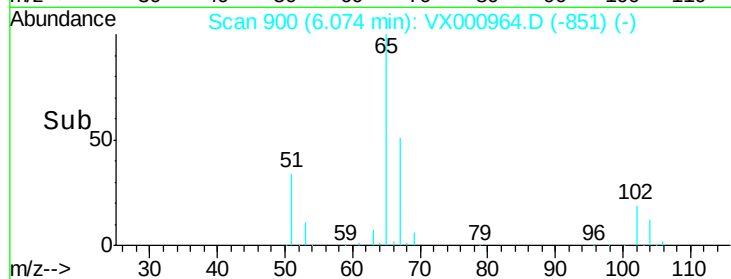
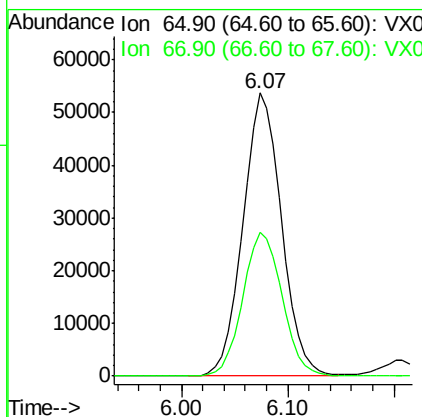
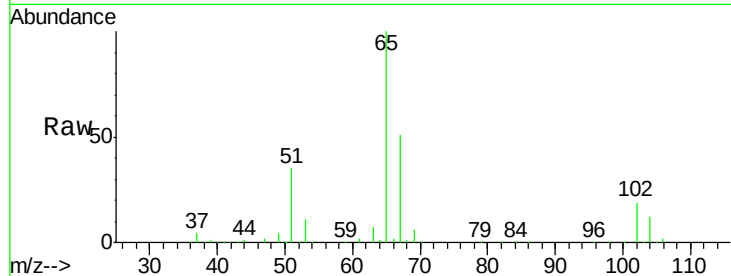
VSTDCCC050EC

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX000964.D

Acq: 17 Apr 2018 11:19

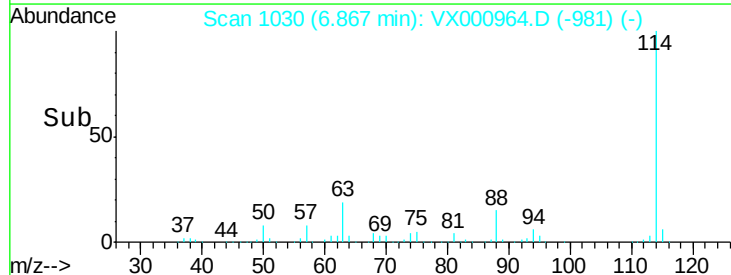
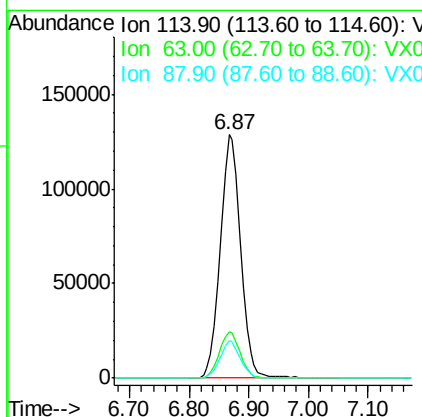
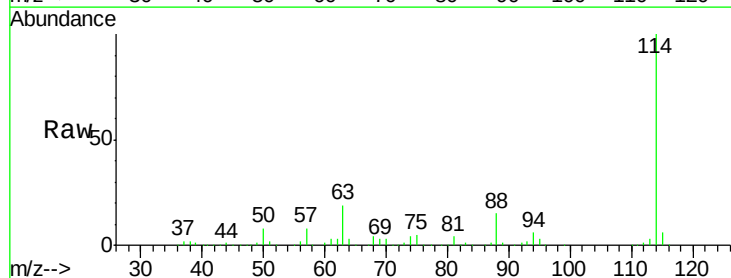
Tgt Ion: 114 Resp: 306761

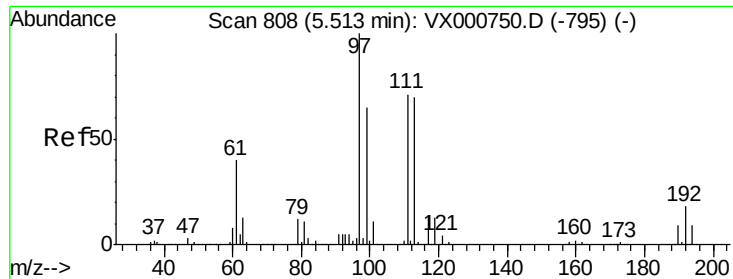
Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.4

88 15.2 0.0 31.0





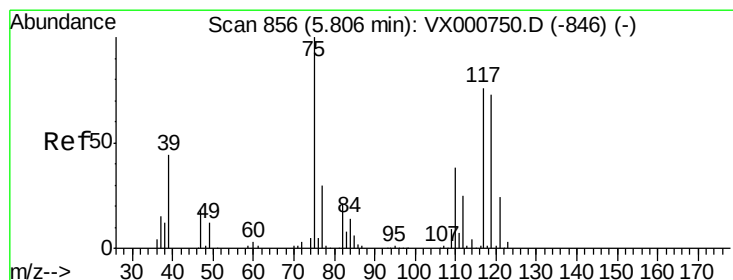
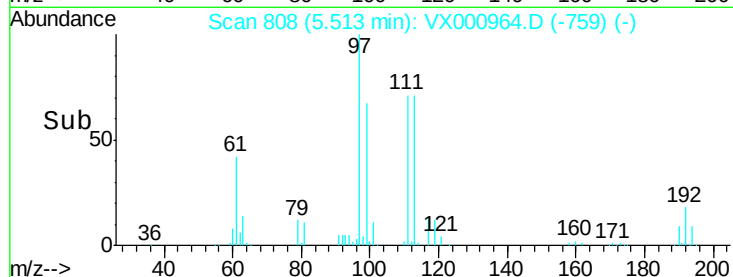
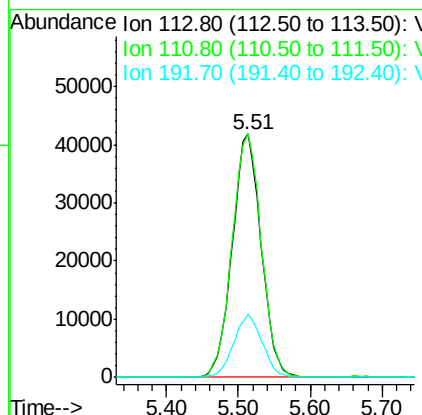
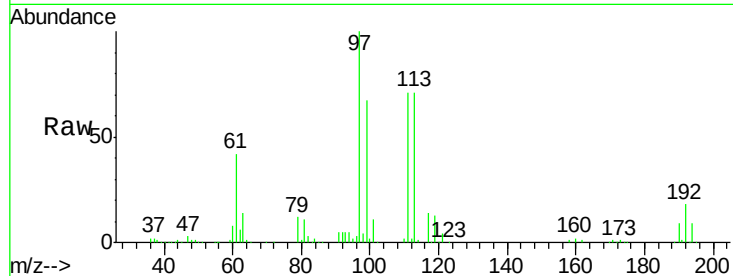
#35  
 Dibromofluoromethane  
 Concen: 49.25 ug/l  
 RT: 5.51 min Scan# 808  
 Delta R.T. -0.00 min  
 Lab File: VX000964.D  
 Acq: 17 Apr 2018 11:19

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 116399 |       |       |
| 111     | 101.5 | 81.5   | 122.3 |       |
| 192     | 25.5  | 20.4   | 30.6  |       |

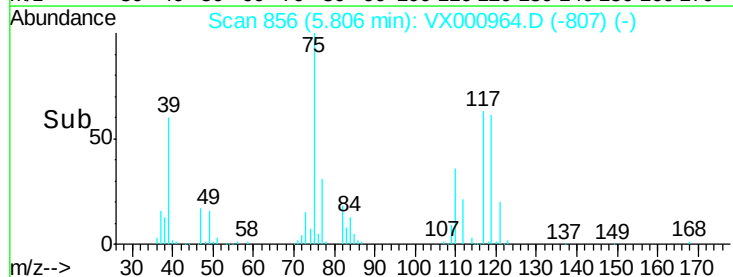
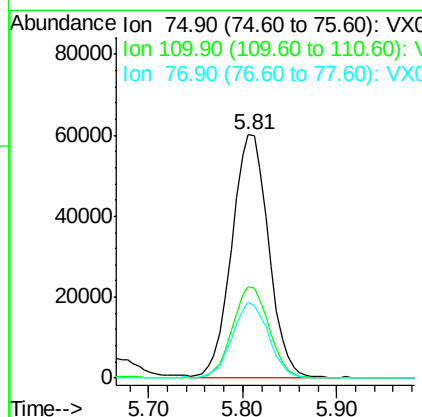
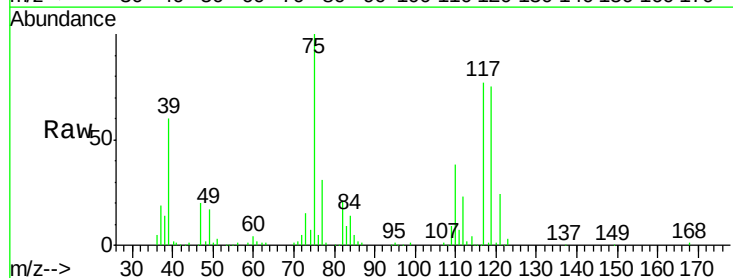
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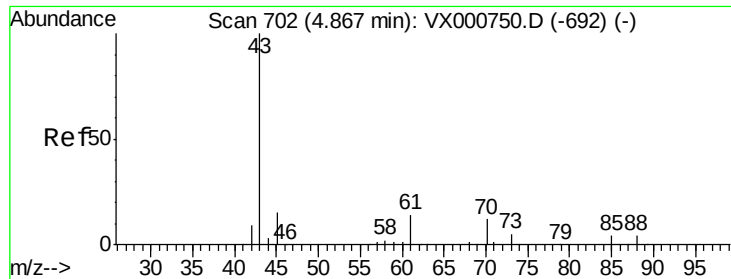
MMDadoda  
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#36  
 1,1-Dichloropropene  
 Concen: 48.22 ug/l  
 RT: 5.81 min Scan# 856  
 Delta R.T. -0.00 min  
 Lab File: VX000964.D  
 Acq: 17 Apr 2018 11:19

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 162917 |       |       |
| 110     | 37.8  | 19.2   | 57.6  |       |
| 77      | 30.6  | 25.4   | 38.2  |       |





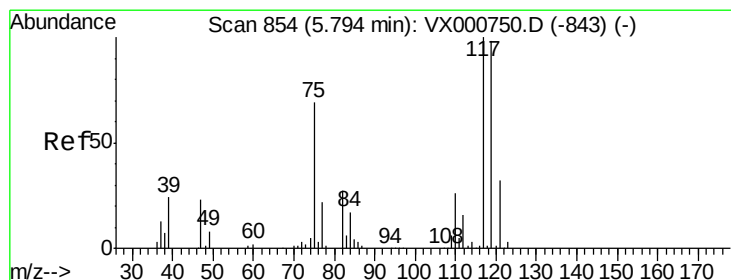
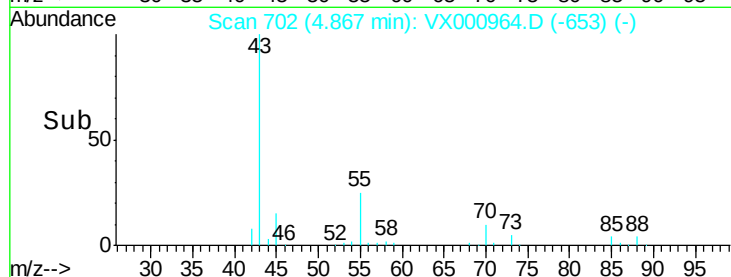
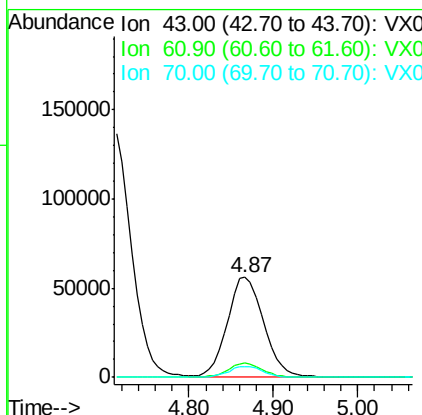
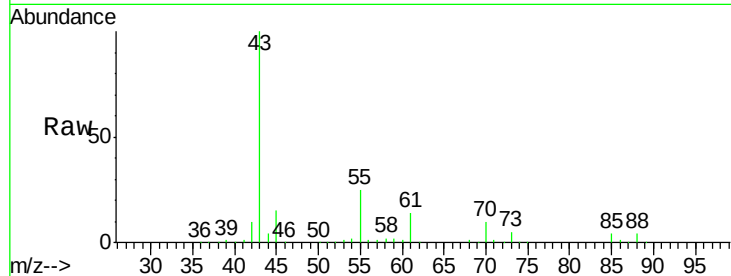
#37  
Ethyl Acetate  
Concen: 49.84 ug/l  
RT: 4.87 min Scan# 702  
Delta R.T. -0.00 min  
Lab File: VX000964.D  
Acq: 17 Apr 2018 11:19

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 13.5  | 11.0  | 16.4  |
| 70      | 10.6  | 8.7   | 13.1  |

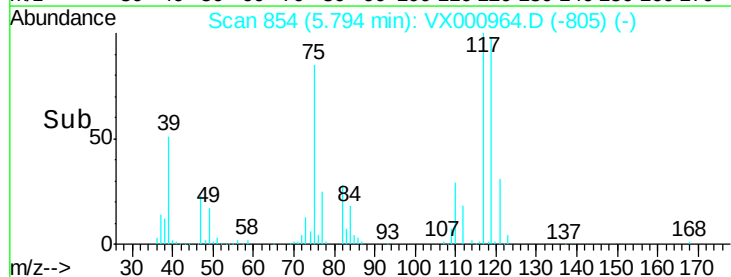
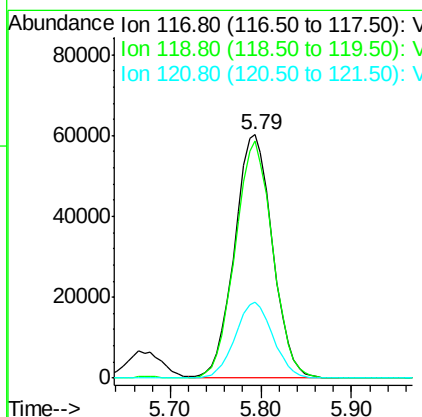
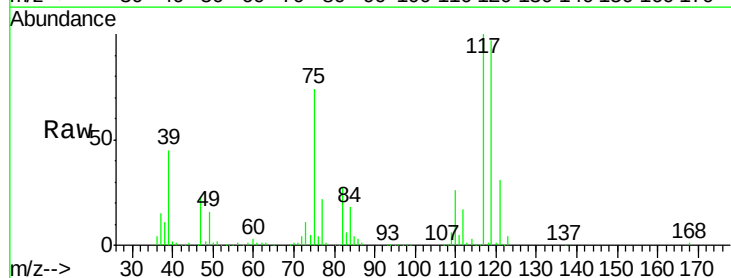
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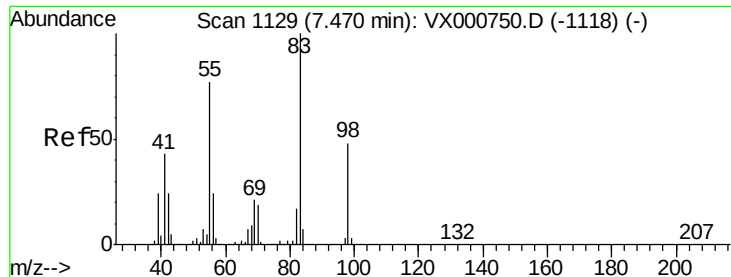


#38  
Carbon Tetrachloride  
Concen: 46.01 ug/l  
RT: 5.79 min Scan# 854  
Delta R.T. -0.00 min  
Lab File: VX000964.D  
Acq: 17 Apr 2018 11:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 97.5  | 78.4  | 117.6 |
| 121     | 31.4  | 25.4  | 38.0  |







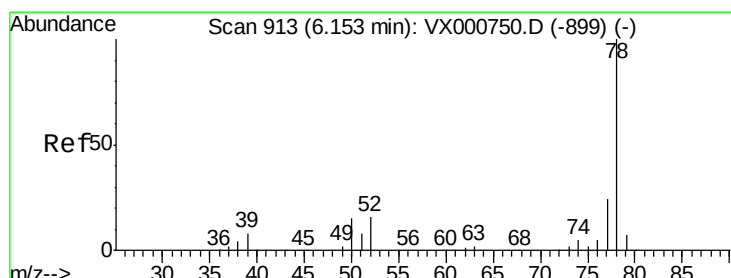
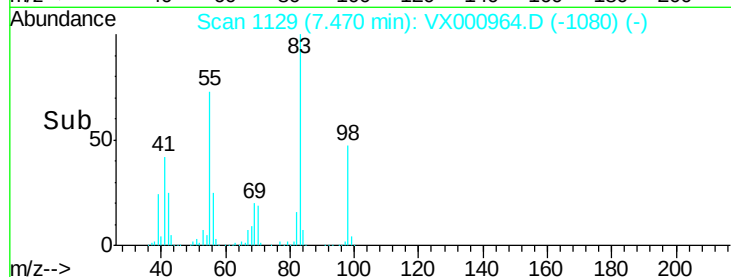
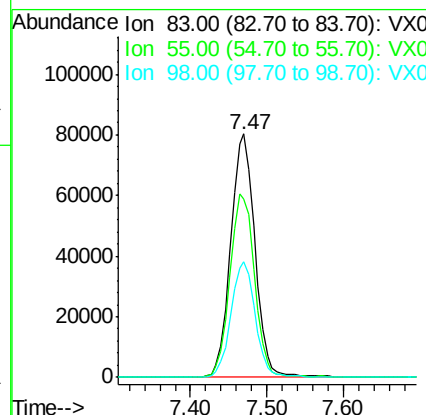
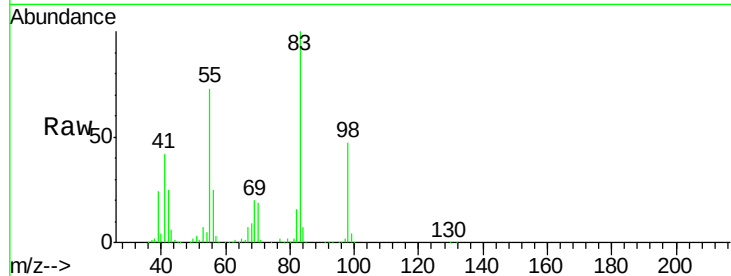
#39  
Methylvlcyclohexane  
Concen: 43.44 ug/l  
RT: 7.47 min Scan# 1129  
Delta R.T. -0.00 min  
Lab File: VX000964.D  
Acq: 17 Apr 2018 11:19

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 176252 |       |       |
| 55      | 73.3  |        | 61.5  | 92.3  |
| 98      | 47.3  |        | 38.1  | 57.1  |

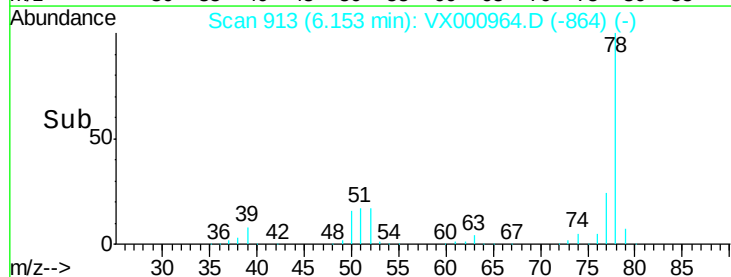
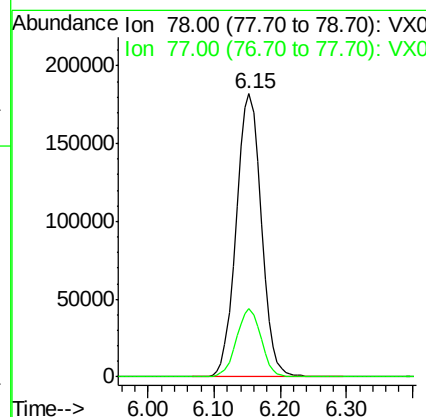
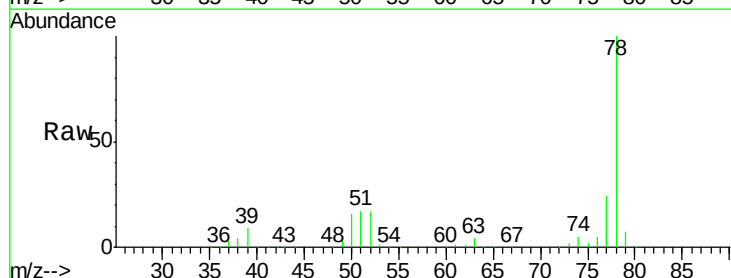
Manual Integrations  
APPROVED

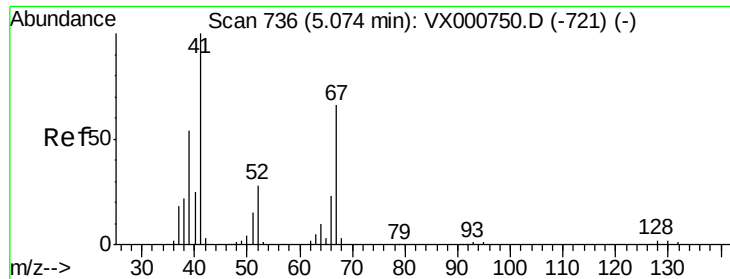
MMDadoda  
4/18/2018 2:45:14 PM



#40  
Benzene  
Concen: 51.11 ug/l  
RT: 6.15 min Scan# 913  
Delta R.T. -0.00 min  
Lab File: VX000964.D  
Acq: 17 Apr 2018 11:19

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 78      | 100   | 479761 |       |       |
| 77      | 24.3  |        | 19.0  | 28.6  |





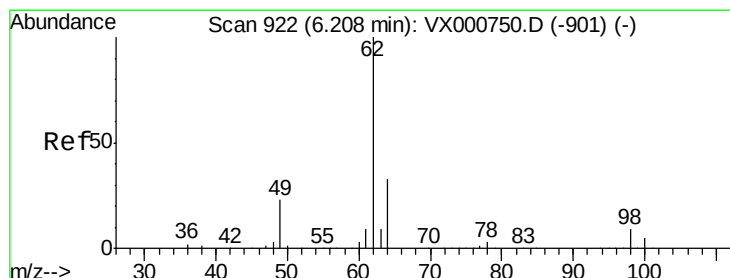
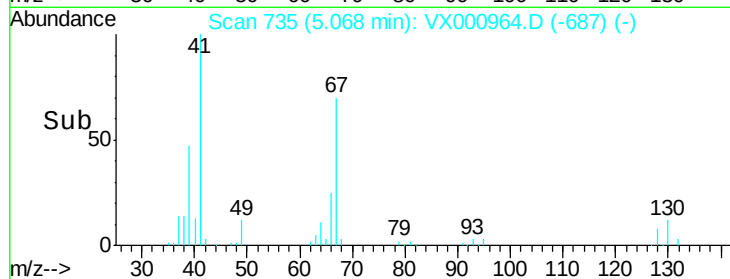
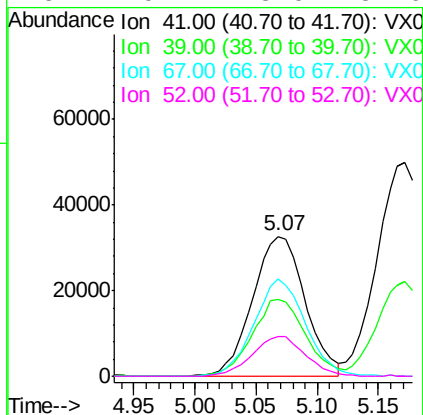
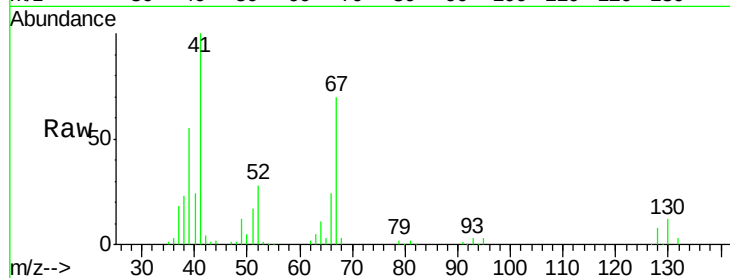
#41  
Methacrylonitrile  
Concen: 51.09 ug/l  
RT: 5.07 min Scan# 735  
Delta R.T. -0.01 min  
Lab File: VX000964.D  
Acq: 17 Apr 2018 11:19

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 97347 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 55.7  | 44.9  | 67.3  |
| 67       | 68.2  | 54.7  | 82.1  |
| 52       | 29.1  | 23.0  | 34.6  |

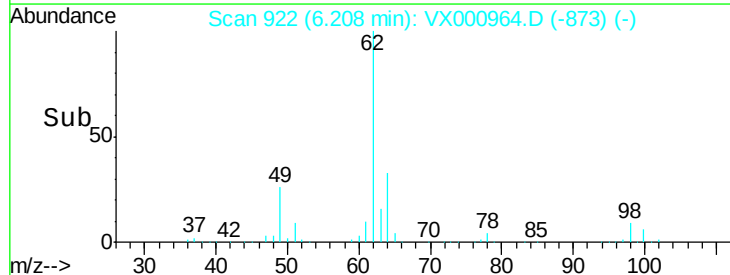
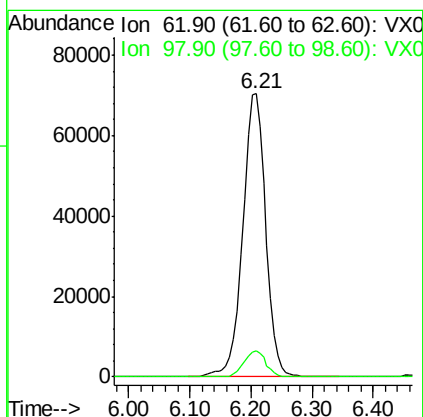
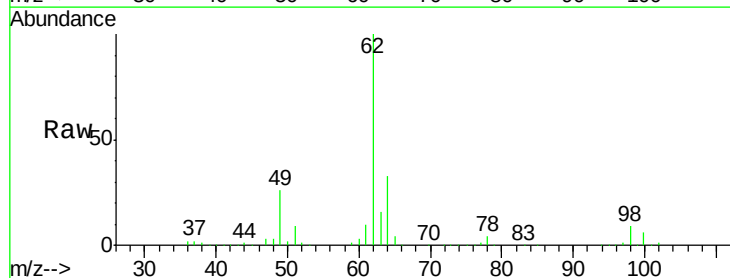
Manual Integrations  
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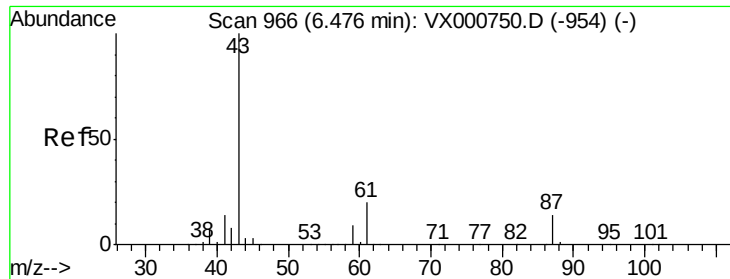
MMDadoda  
4/18/2018 2:45:14 PM



#42  
1,2-Dichloroethane  
Concen: 52.26 ug/l  
RT: 6.21 min Scan# 922  
Delta R.T. -0.00 min  
Lab File: VX000964.D  
Acq: 17 Apr 2018 11:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 183205 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.9   | 0.0   | 18.6   |





#43

Isopropyl Acetate

Concen: 49.76 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000964.D

Acq: 17 Apr 2018 11:19

Instrument :

MSVOA\_X

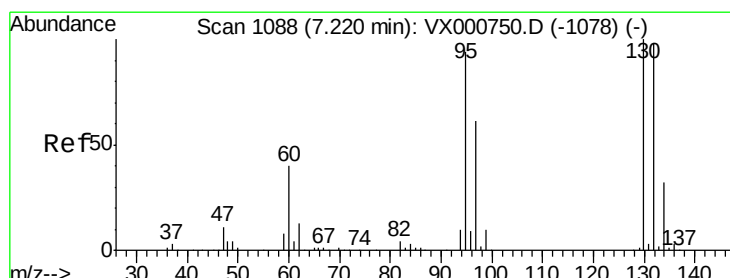
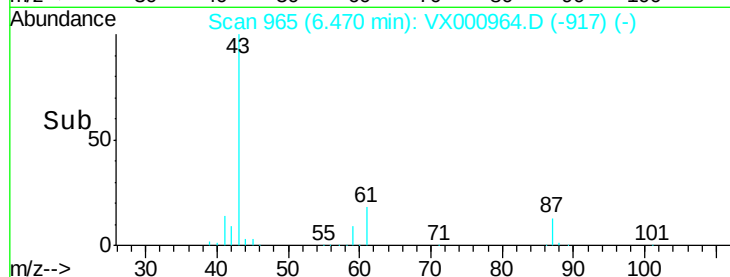
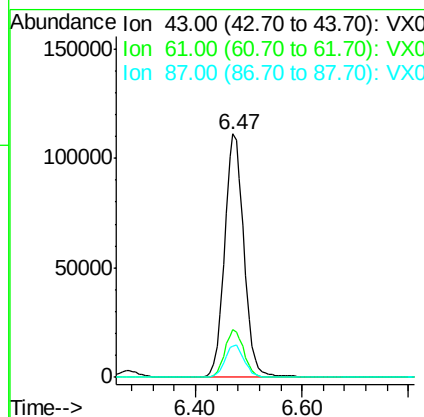
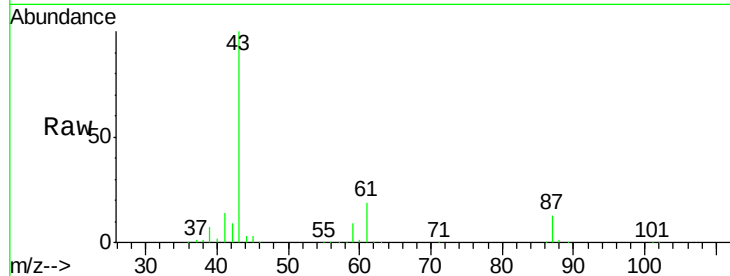
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 281357 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 19.4  | 15.6  | 23.4   |
| 87       | 13.3  | 10.7  | 16.1   |

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4/18/2018 2:45:14 PM



#44

Trichloroethene

Concen: 50.16 ug/l

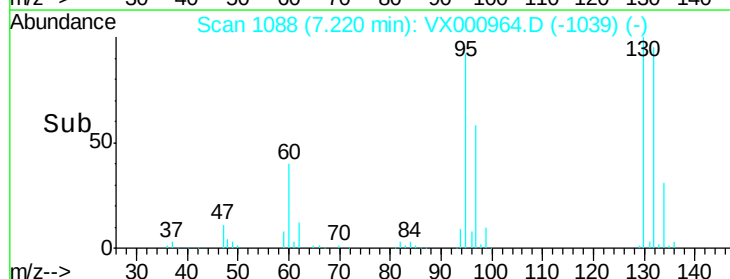
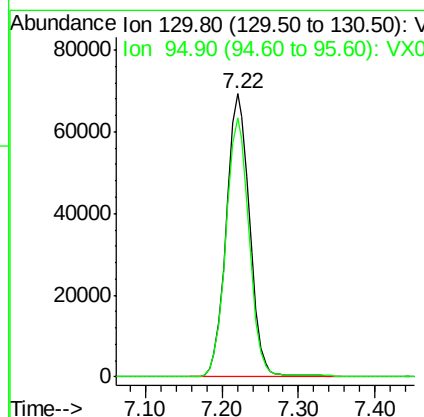
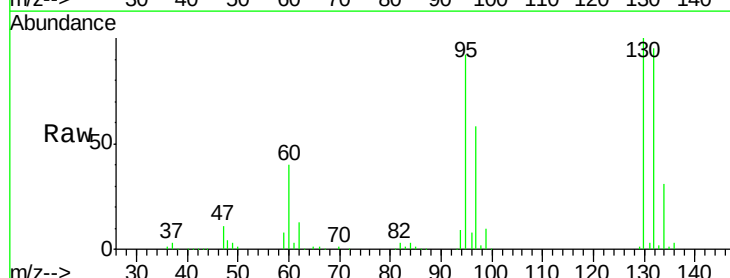
RT: 7.22 min Scan# 1088

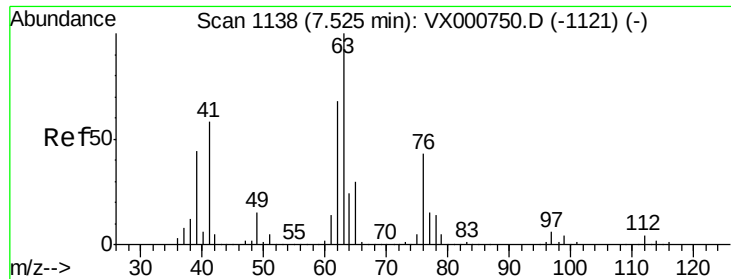
Delta R.T. -0.00 min

Lab File: VX000964.D

Acq: 17 Apr 2018 11:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 146452 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 91.6  | 0.0   | 187.0  |





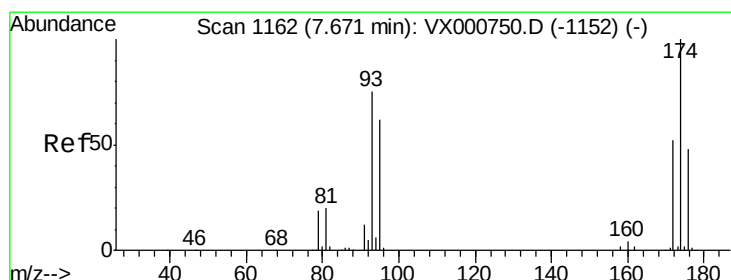
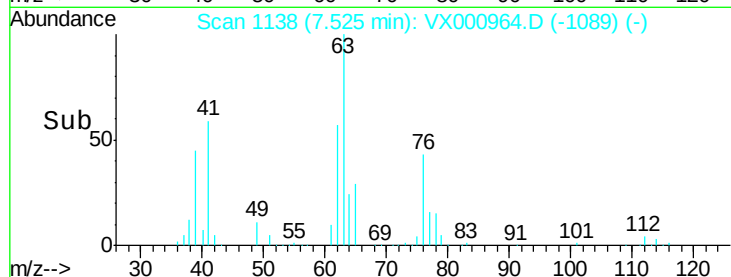
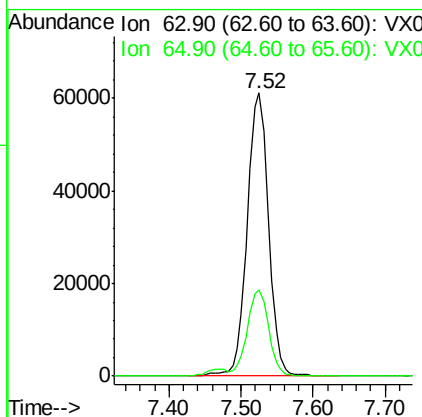
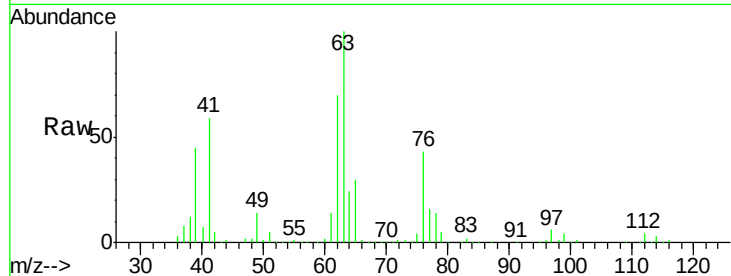
#45  
 1,2-Dichloropropane  
 Concen: 52.83 ug/l  
 RT: 7.52 min Scan# 1138  
 Delta R.T. -0.00 min  
 Lab File: VX000964.D  
 Acq: 17 Apr 2018 11:19

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 63 Resp: 126274  
 Ion Ratio Lower Upper  
 63 100  
 65 30.4 23.7 35.5

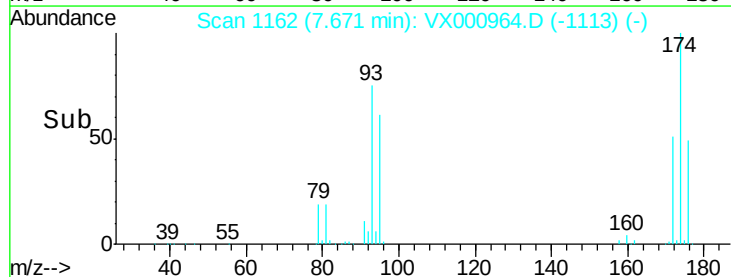
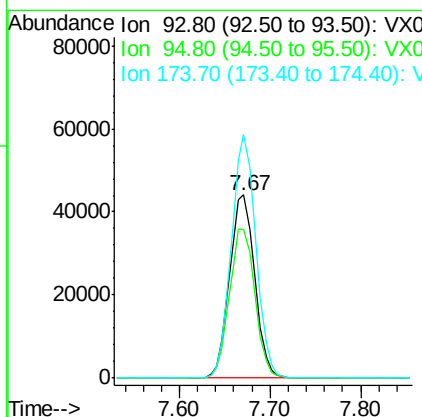
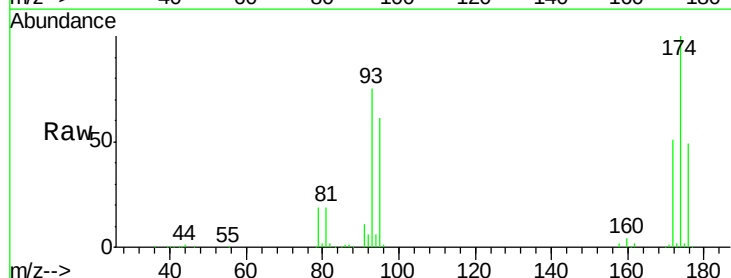
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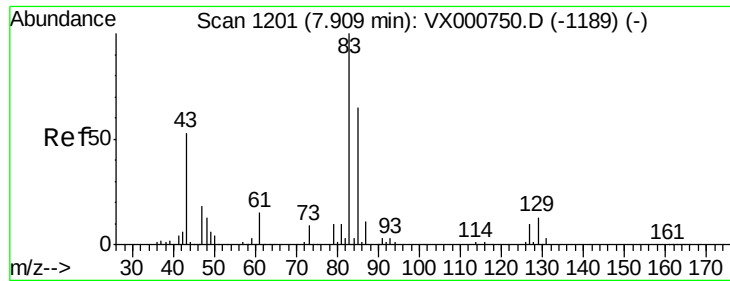
MMDadoda  
 4/18/2018 2:45:14 PM



#46  
 Dibromomethane  
 Concen: 51.10 ug/l  
 RT: 7.67 min Scan# 1162  
 Delta R.T. -0.00 min  
 Lab File: VX000964.D  
 Acq: 17 Apr 2018 11:19

Tgt Ion: 93 Resp: 85168  
 Ion Ratio Lower Upper  
 93 100  
 95 82.7 66.6 100.0  
 174 128.9 104.5 156.7





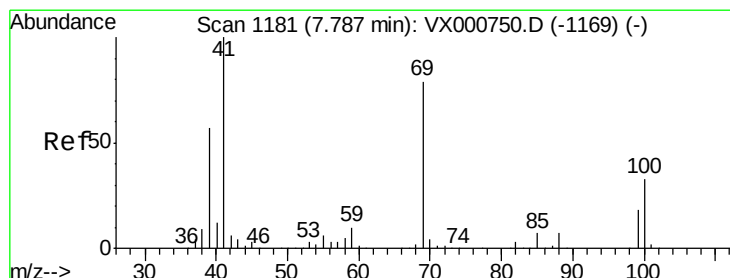
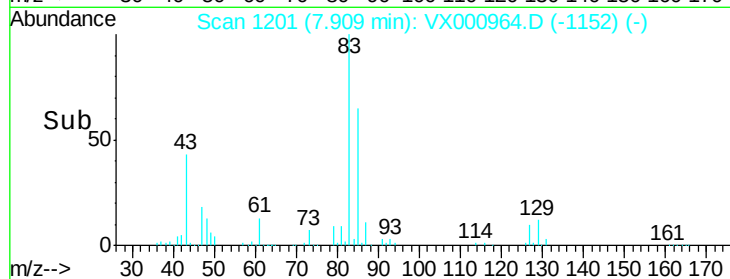
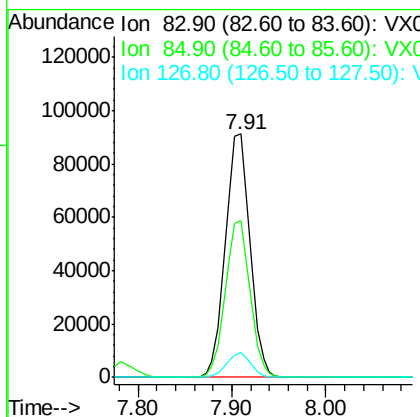
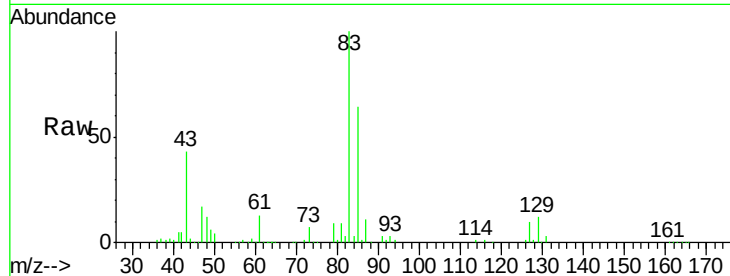
#47  
 Bromodichloromethane  
 Concen: 49.39 ug/l  
 RT: 7.91 min Scan# 1201  
 Delta R.T. -0.00 min  
 Lab File: VX000964.D  
 Acq: 17 Apr 2018 11:19

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion   | 83    | Resp  | 166140 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 64.3  | 52.2  | 78.4   |
| 127       | 10.1  | 7.8   | 11.8   |

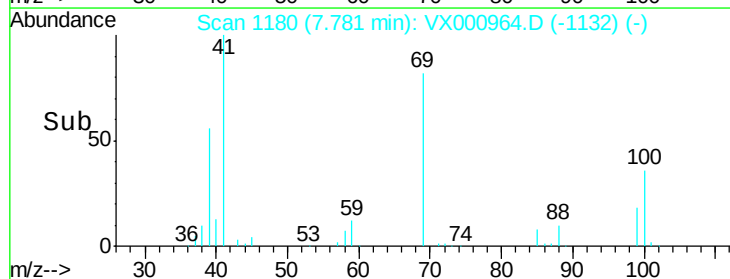
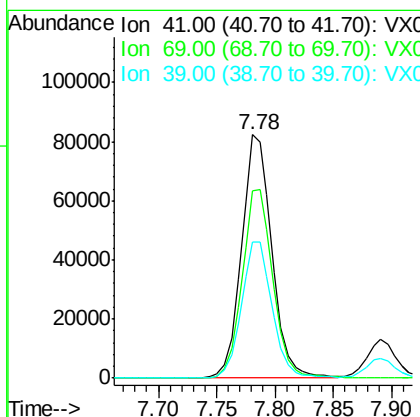
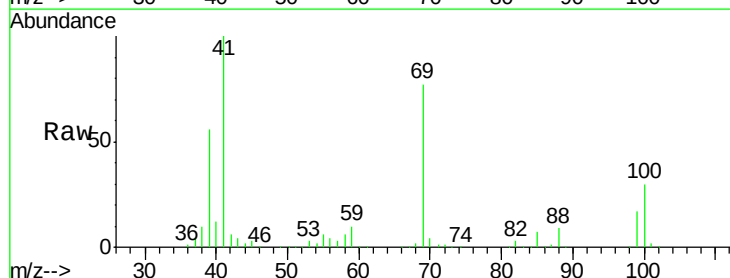
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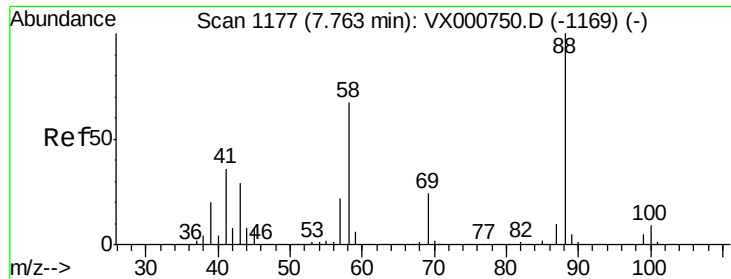
MMDadoda  
 4/18/2018 2:45:14 PM



#48  
 Methyl methacrylate  
 Concen: 50.74 ug/l  
 RT: 7.78 min Scan# 1180  
 Delta R.T. -0.01 min  
 Lab File: VX000964.D  
 Acq: 17 Apr 2018 11:19

| Tgt Ion   | 41    | Resp  | 148706 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 79.1  | 63.9  | 95.9   |
| 39        | 56.9  | 45.9  | 68.9   |





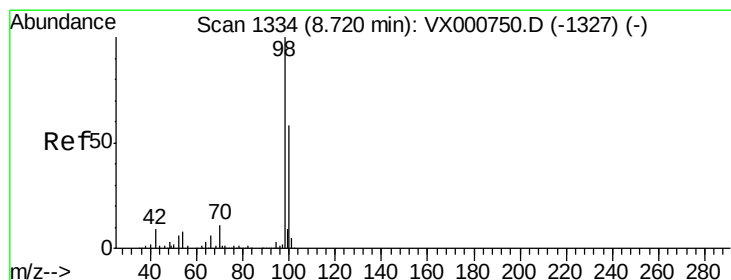
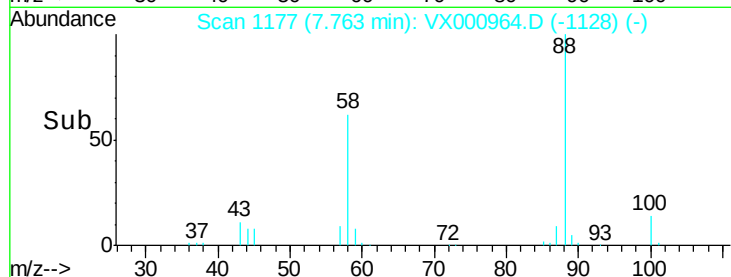
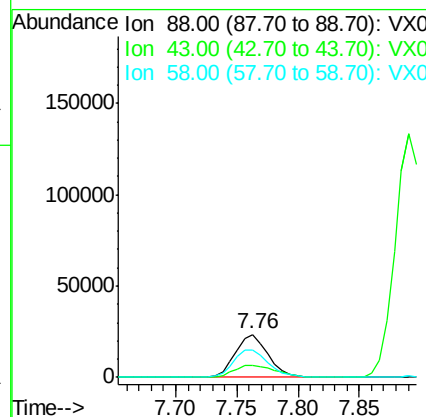
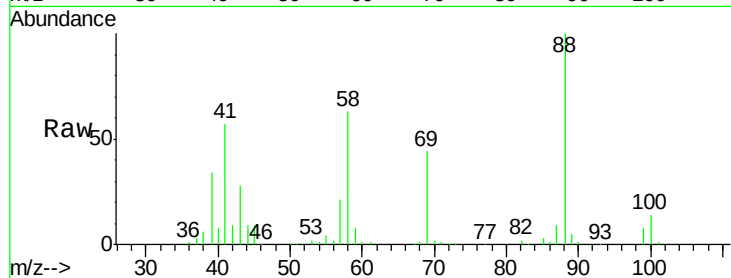
#49  
1,4-Dioxane  
Concen: 733.13 ug/l  
RT: 7.76 min Scan# 1177  
Delta R.T. -0.00 min  
Lab File: VX000964.D  
Acq: 17 Apr 2018 11:19

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | 88    | Resp  | 43182 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 88      | 100   |       |       |
| 43      | 35.7  | 25.8  | 38.8  |
| 58      | 69.2  | 54.4  | 81.6  |

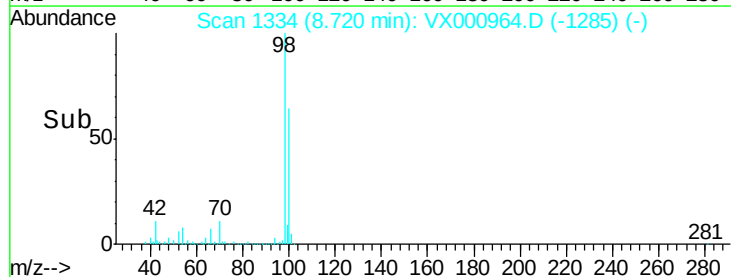
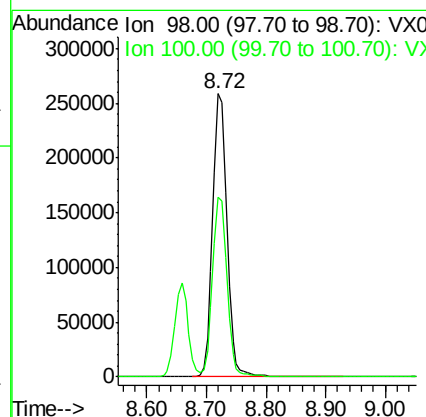
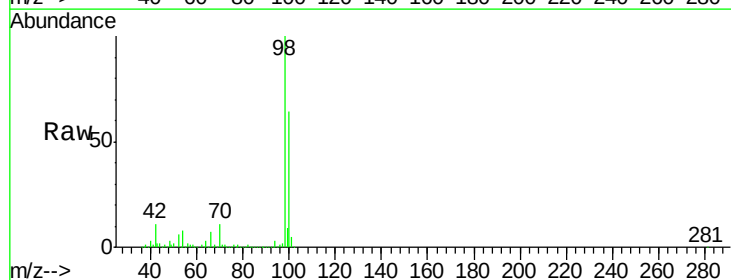
Manual Integrations  
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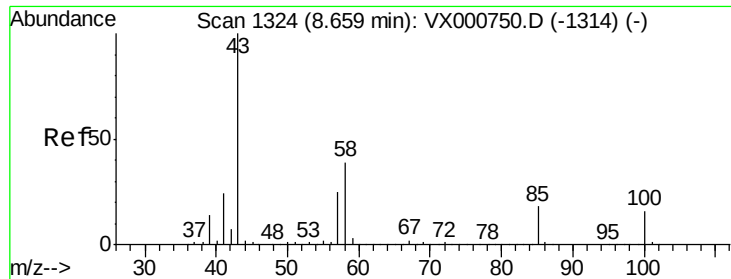
MMDadoda  
4/18/2018 2:45:14 PM



#50  
Toluene-d8  
Concen: 48.36 ug/l  
RT: 8.72 min Scan# 1334  
Delta R.T. -0.00 min  
Lab File: VX000964.D  
Acq: 17 Apr 2018 11:19

| Tgt Ion | 98    | Resp  | 425585 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 98      | 100   |       |        |
| 100     | 64.5  | 52.6  | 79.0   |





#51

4-Methyl-2-Pentanone

Concen: 260.16 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000964.D

Acq: 17 Apr 2018 11:19

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 864107

Ion Ratio Lower Upper

43 100

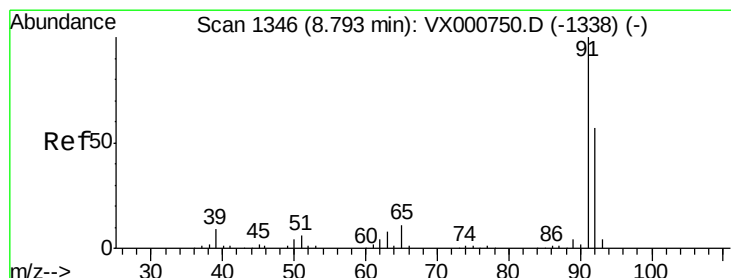
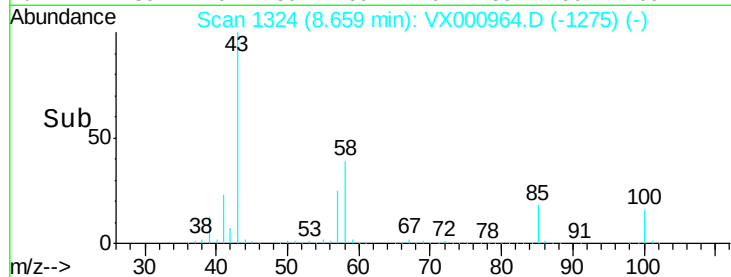
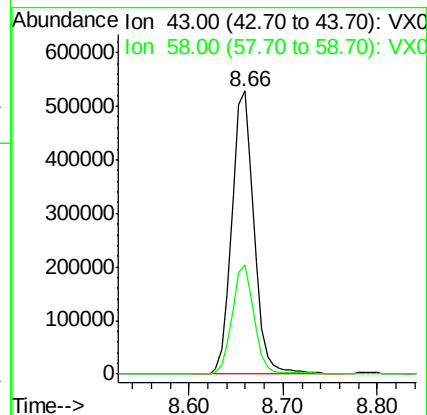
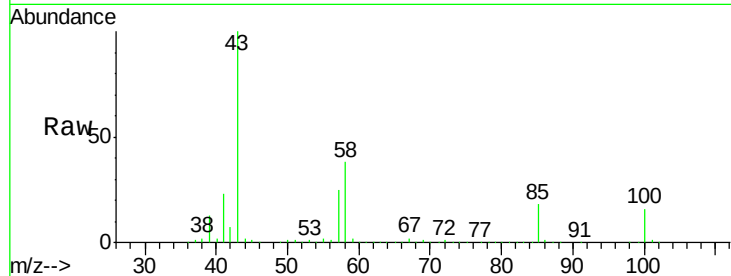
58 38.6 30.3 45.5

Manual Integrations

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MMDadoda

4/18/2018 2:45:14 PM



#52

Toluene

Concen: 50.75 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000964.D

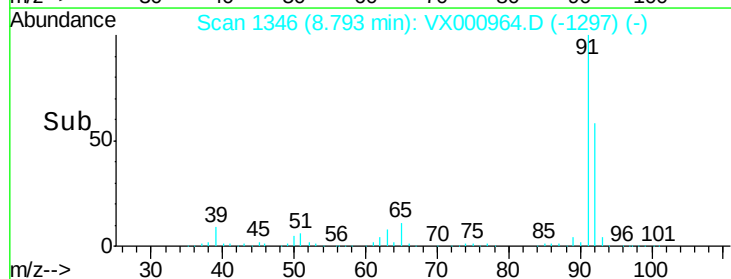
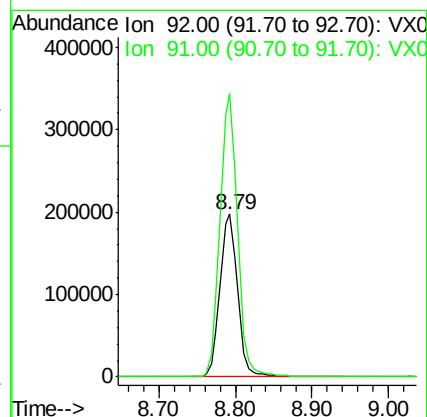
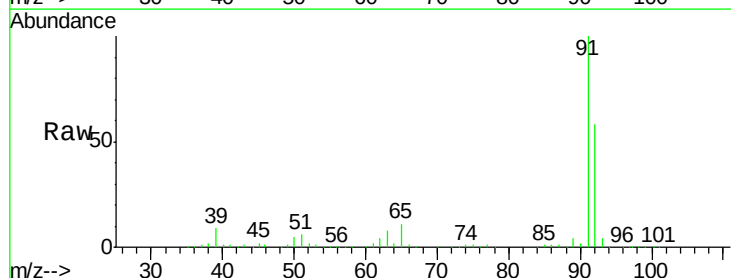
Acq: 17 Apr 2018 11:19

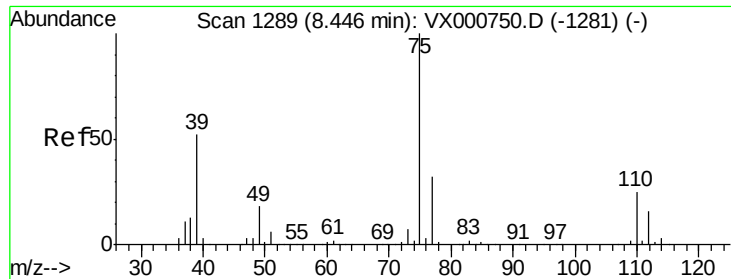
Tgt Ion: 92 Resp: 316084

Ion Ratio Lower Upper

92 100

91 173.0 139.0 208.4





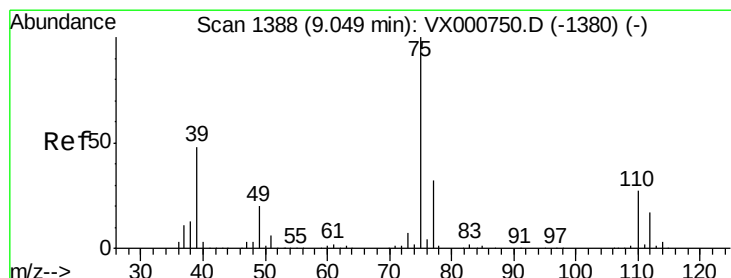
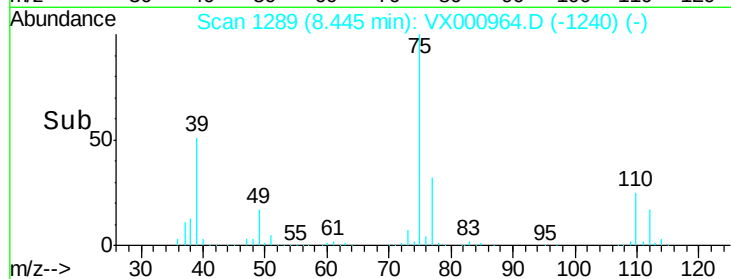
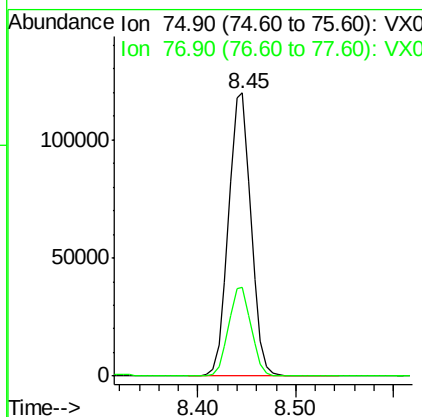
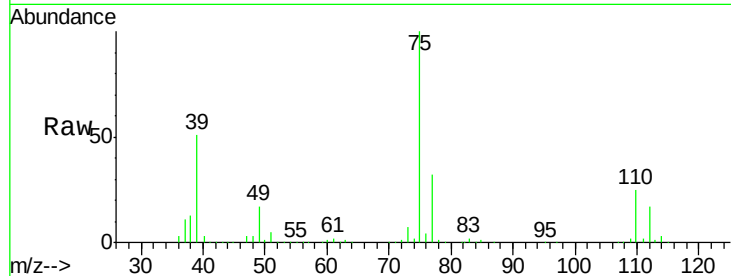
#53  
 t-1,3-Dichloropropene  
 Concen: 47.33 ug/l  
 RT: 8.45 min Scan# 1289  
 Delta R.T. -0.00 min  
 Lab File: VX000964.D  
 Acq: 17 Apr 2018 11:19

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050EC

Tot Ion: 75 Resp: 190948  
 Ion Ratio Lower Upper  
 75 100  
 77 31.5 25.4 38.2

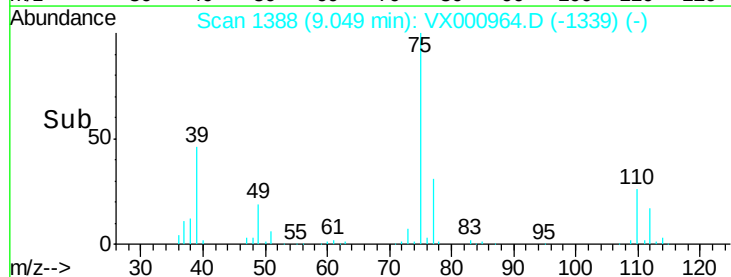
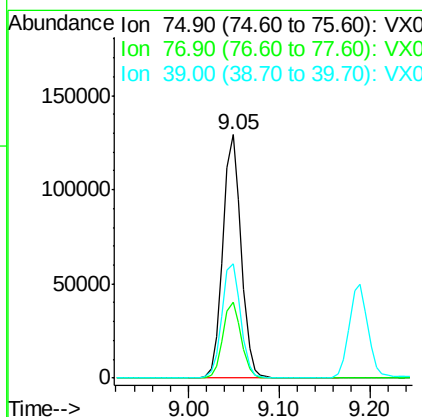
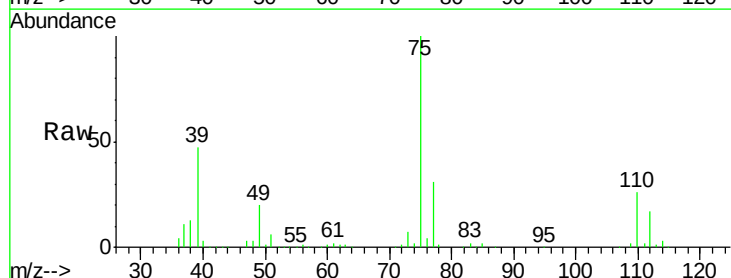
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 4/18/2018 2:45:14 PM

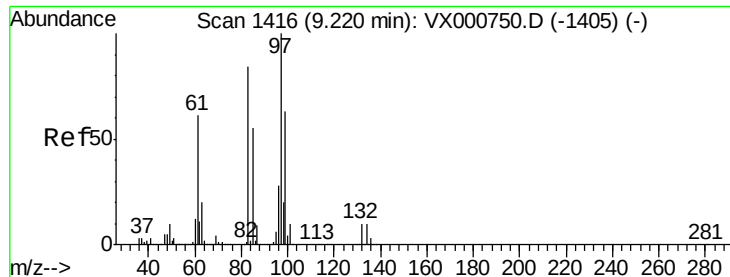


#54  
 cis-1,3-Dichloropropene  
 Concen: 46.14 ug/l  
 RT: 9.05 min Scan# 1388  
 Delta R.T. -0.00 min  
 Lab File: VX000964.D  
 Acq: 17 Apr 2018 11:19

Tgt Ion: 75 Resp: 181258  
 Ion Ratio Lower Upper  
 75 100  
 77 31.1 25.4 38.2  
 39 46.7 38.6 58.0







#55

1,1,2-Trichloroethane

Concen: 52.45 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX000964.D

Acq: 17 Apr 2018 11:19

Instrument :

MSVOA\_X

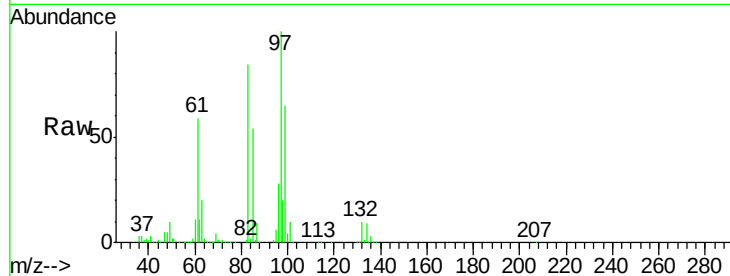
ClientSampleId :

VSTDCCC050EC

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 97      | 100  |       | 129671 |       |       |
| 83      | 83.7 | 67.6  | 101.4  |       |       |
| 85      | 54.2 | 43.8  | 65.6   |       |       |
| 99      | 65.0 | 50.2  | 75.4   |       |       |

Manual Integrations  
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4/18/2018 2:45:14 PM

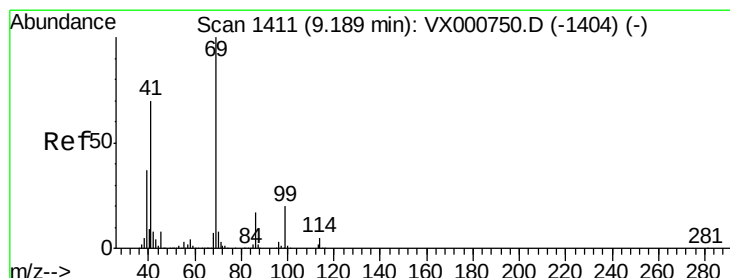
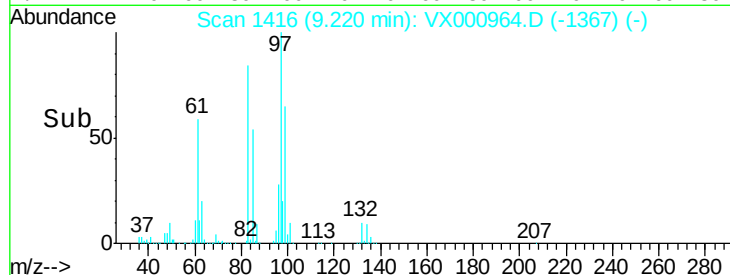
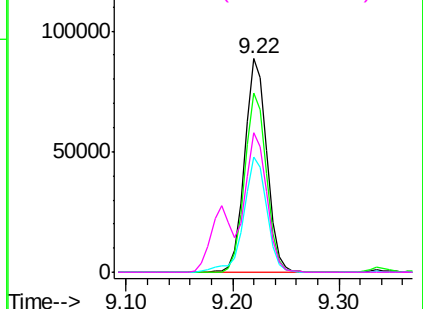


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 50.87 ug/l

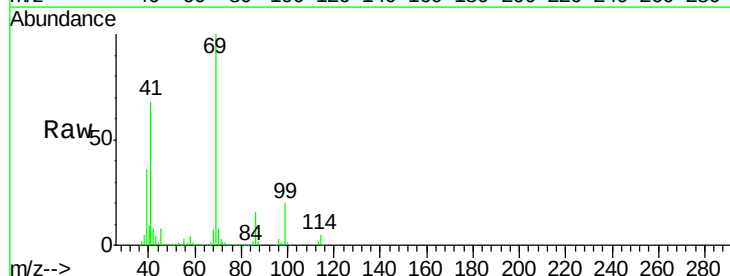
RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX000964.D

Acq: 17 Apr 2018 11:19

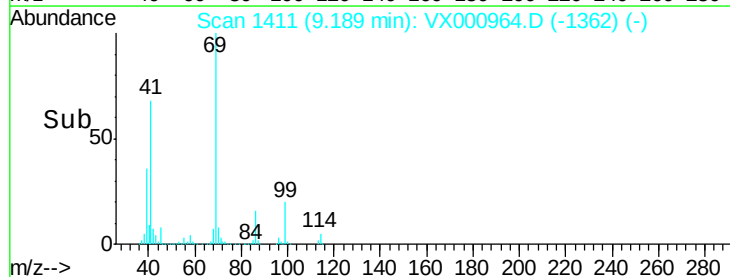
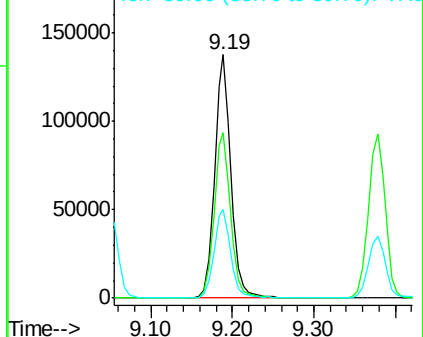
| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 69      | 100  |       | 194012 |       |       |
| 41      | 69.5 | 55.6  | 83.4   |       |       |
| 39      | 37.2 | 30.3  | 45.5   |       |       |

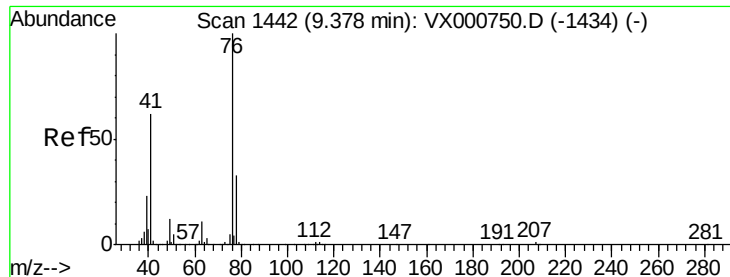


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





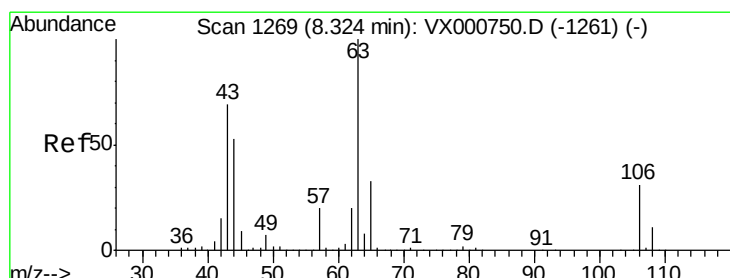
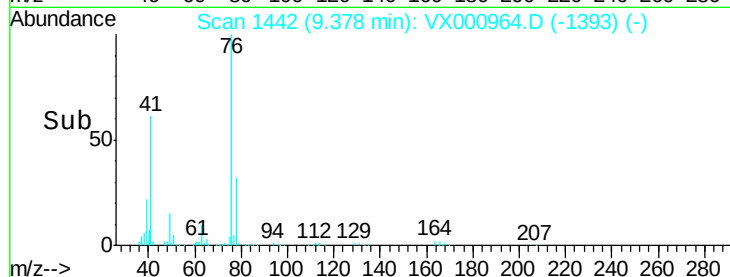
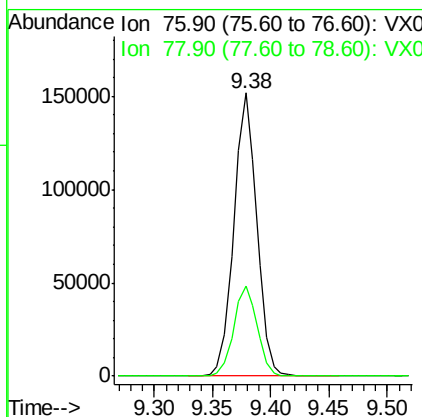
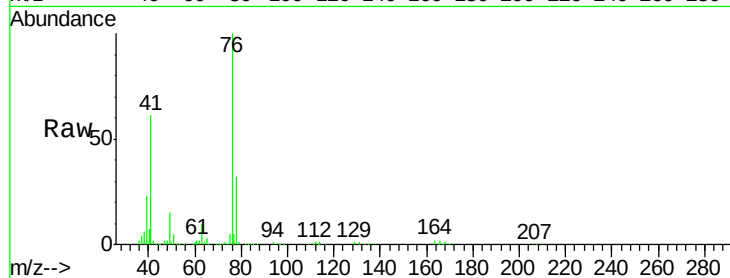
#57  
 1,3-Dichloropropane  
 Concen: 53.14 ug/l  
 RT: 9.38 min Scan# 1442  
 Delta R.T. -0.00 min  
 Lab File: VX000964.D  
 Acq: 17 Apr 2018 11:19

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.6  | 25.8  | 38.6  |

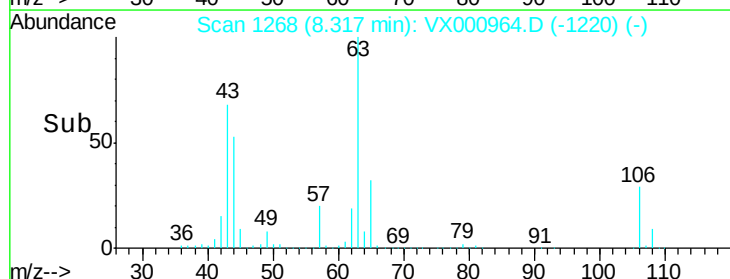
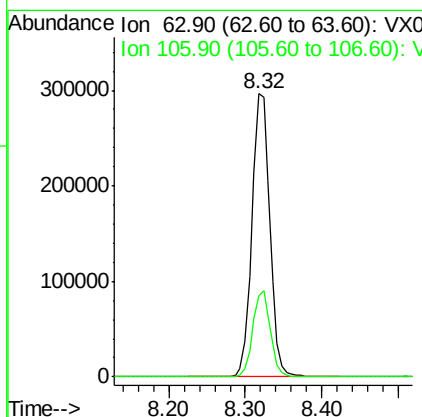
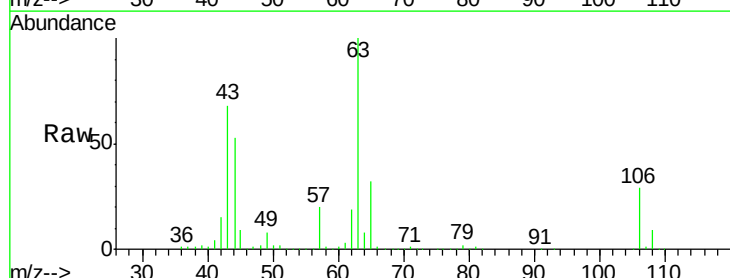
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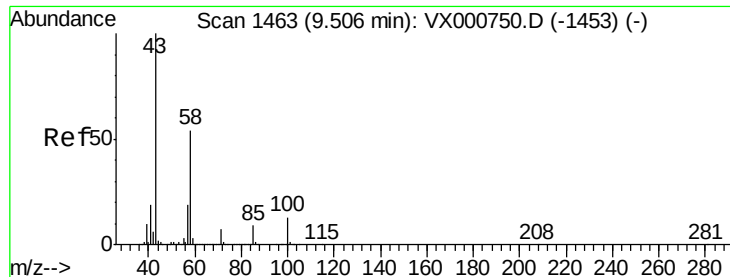
MMDadoda  
 4/18/2018 2:45:14 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 271.65 ug/l  
 RT: 8.32 min Scan# 1268  
 Delta R.T. -0.01 min  
 Lab File: VX000964.D  
 Acq: 17 Apr 2018 11:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 29.8  | 24.3  | 36.5  |





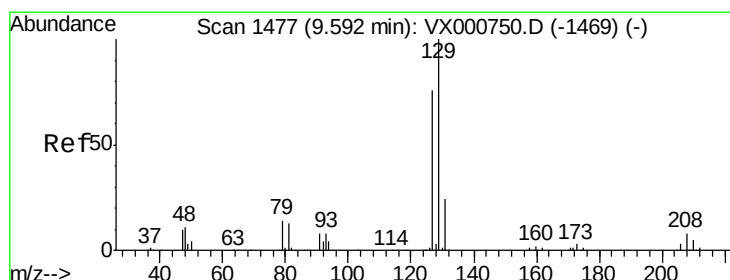
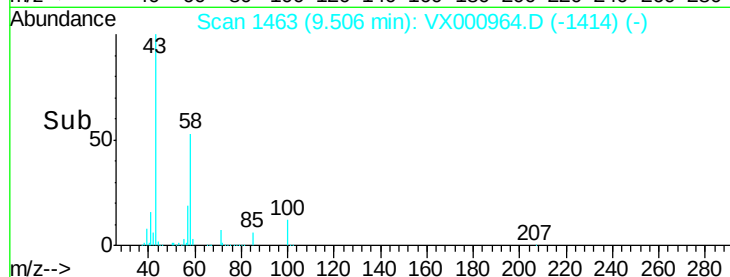
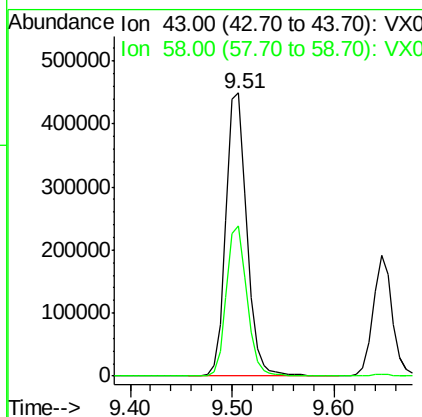
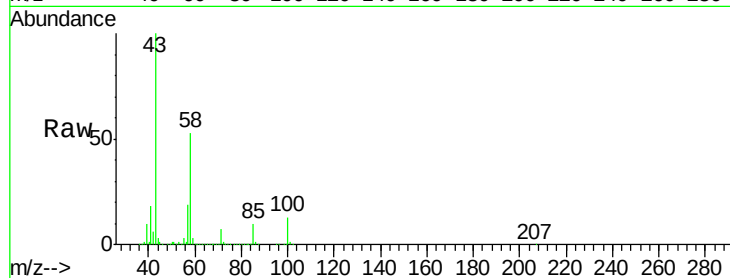
#59  
2-Hexanone  
Concen: 248.40 ug/l  
RT: 9.51 min Scan# 1463  
Delta R.T. -0.00 min  
Lab File: VX000964.D  
Acq: 17 Apr 2018 11:19

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 43 Resp: 636941  
Ion Ratio Lower Upper  
43 100  
58 52.7 26.5 79.5

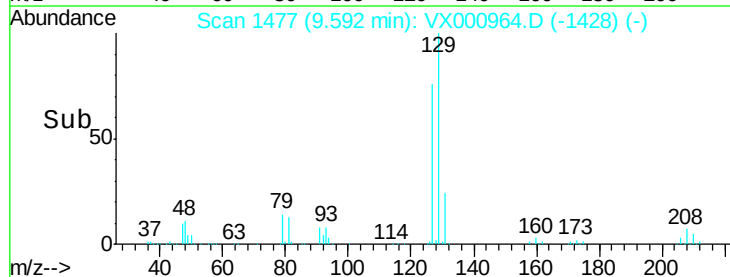
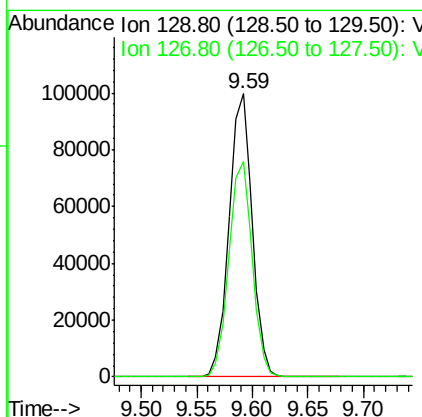
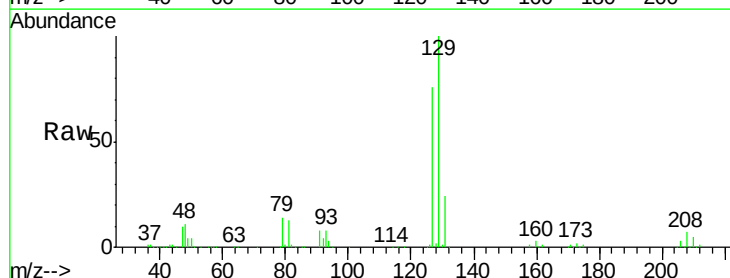
Manual Integrations  
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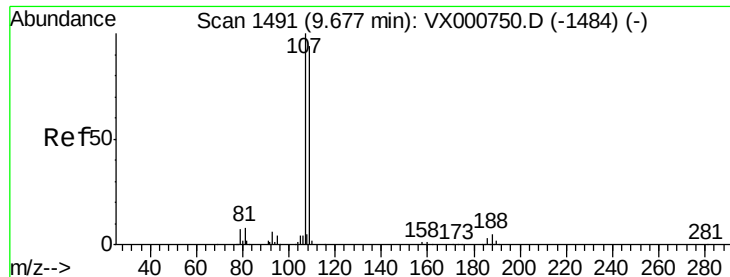
MMDadoda  
4/18/2018 2:45:14 PM



#60  
Dibromochloromethane  
Concen: 48.30 ug/l  
RT: 9.59 min Scan# 1477  
Delta R.T. -0.00 min  
Lab File: VX000964.D  
Acq: 17 Apr 2018 11:19

Tgt Ion: 129 Resp: 142869  
Ion Ratio Lower Upper  
129 100  
127 76.9 38.4 115.1





#61

1,2-Dibromoethane

Concen: 52.16 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX000964.D

Acq: 17 Apr 2018 11:19

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 136813

Ion Ratio Lower Upper

107 100

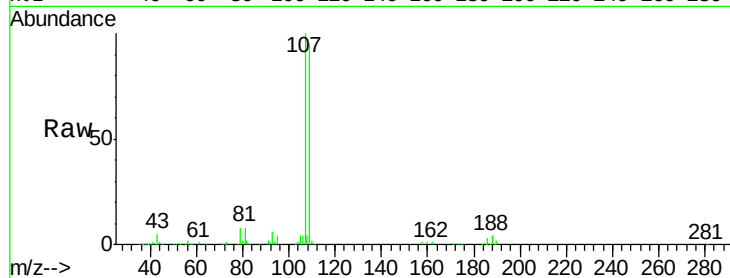
109 94.2 76.2 114.4

Manual Integrations

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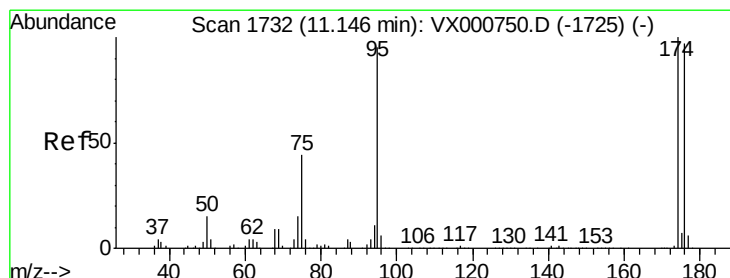
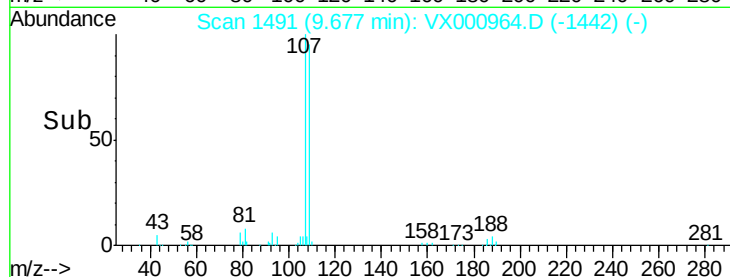
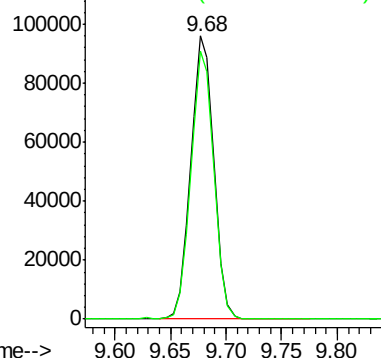
MMDadoda

4/18/2018 2:45:14 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.46 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000964.D

Acq: 17 Apr 2018 11:19

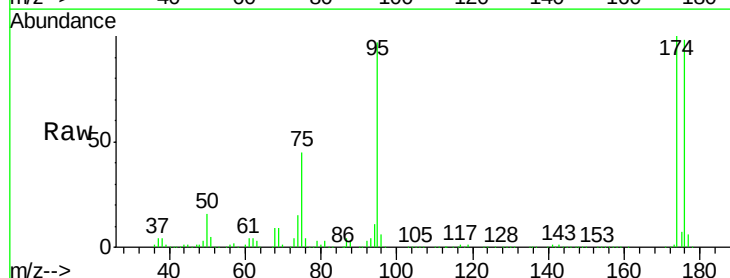
Tgt Ion: 95 Resp: 172799

Ion Ratio Lower Upper

95 100

174 98.5 0.0 198.4

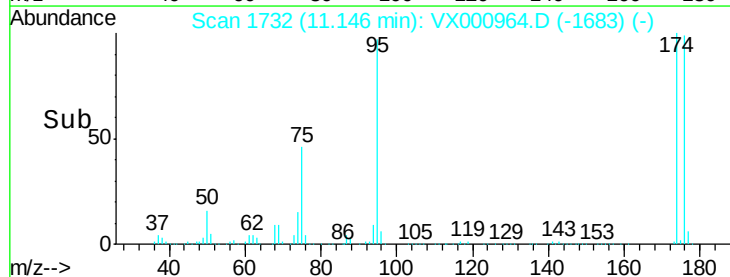
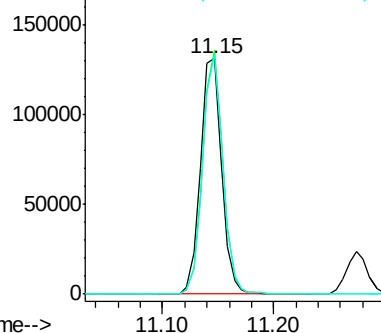
176 96.4 0.0 194.4

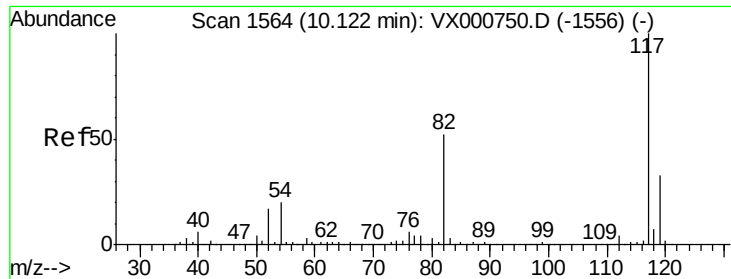


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





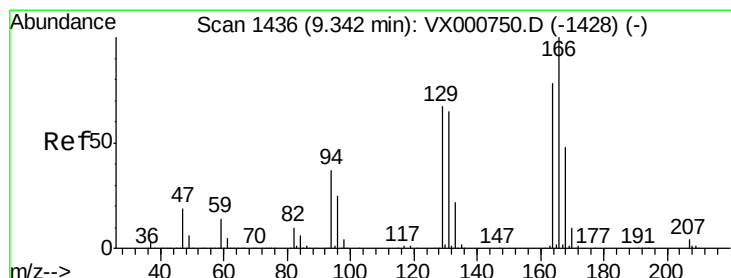
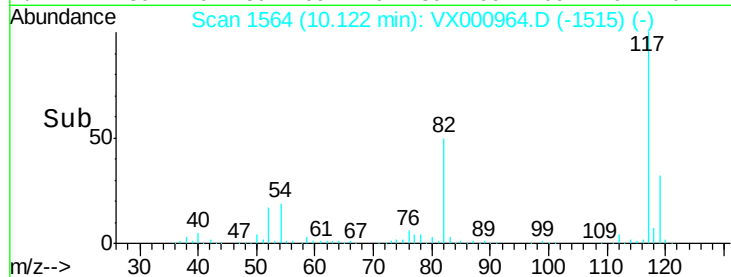
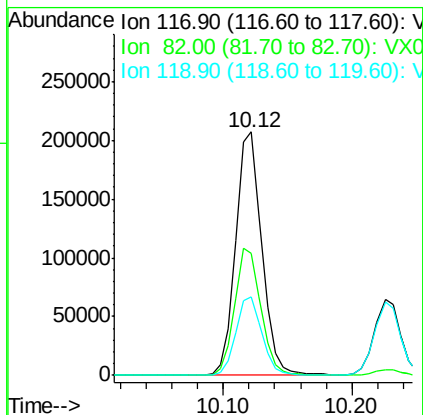
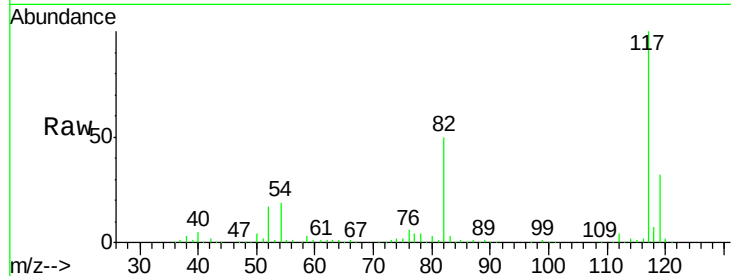
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1564  
Delta R.T. -0.00 min  
Lab File: VX000964.D  
Acq: 17 Apr 2018 11:19

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 292925 |       |       |
| 82      | 50.4  | 41.9   | 62.9  |       |
| 119     | 32.3  | 26.0   | 39.0  |       |

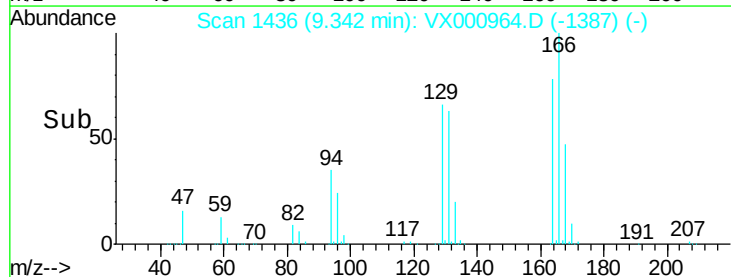
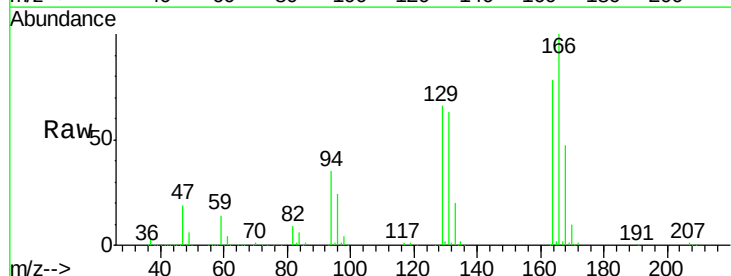
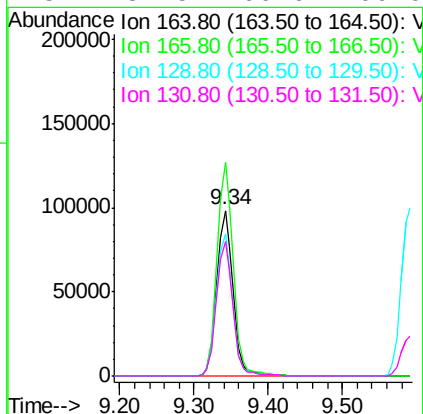
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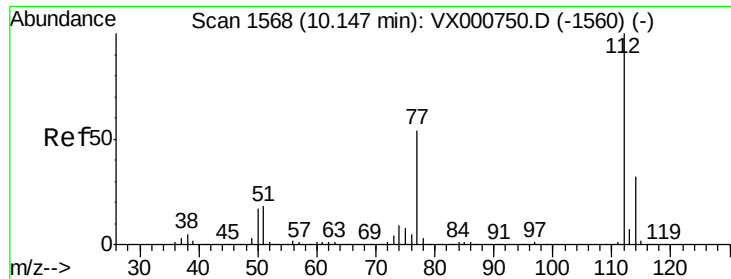
MMDadoda  
4/18/2018 2:45:14 PM



#64  
Tetrachloroethene  
Concen: 51.55 ug/l  
RT: 9.34 min Scan# 1436  
Delta R.T. -0.00 min  
Lab File: VX000964.D  
Acq: 17 Apr 2018 11:19

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 147645 |       |       |
| 166     | 129.0 | 102.8  | 154.2 |       |
| 129     | 85.5  | 68.5   | 102.7 |       |
| 131     | 81.5  | 66.6   | 100.0 |       |





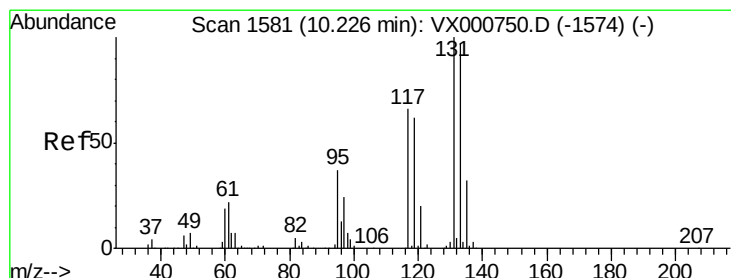
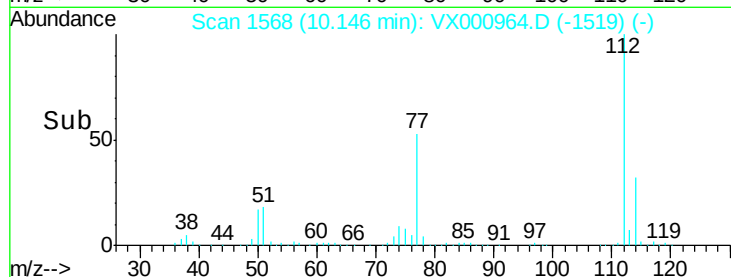
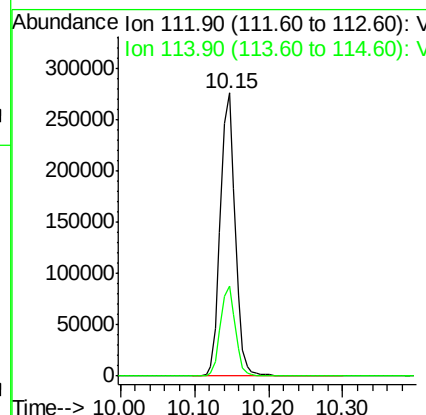
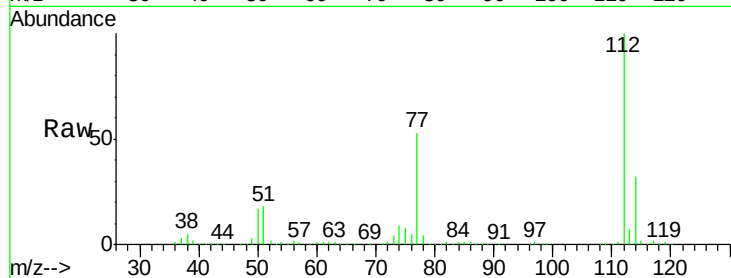
#65  
Chlorobenzene  
Concen: 51.26 ug/l  
RT: 10.15 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VX000964.D  
Acq: 17 Apr 2018 11:19

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:112 Resp: 377721  
Ion Ratio Lower Upper  
112 100  
114 32.0 25.8 38.8

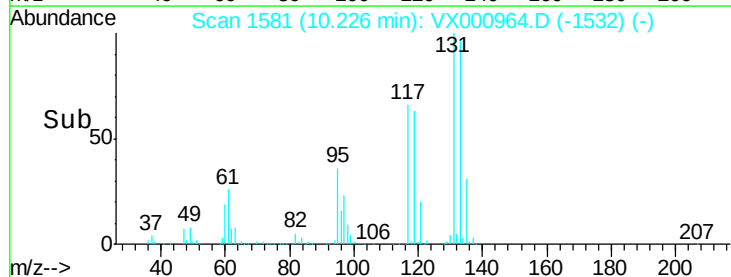
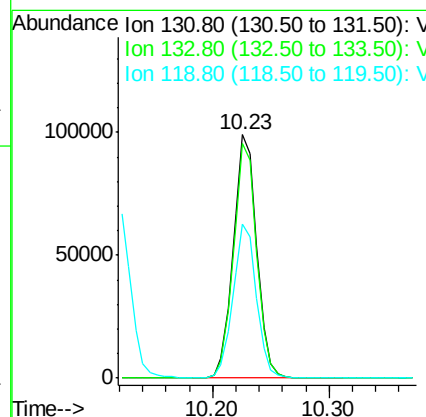
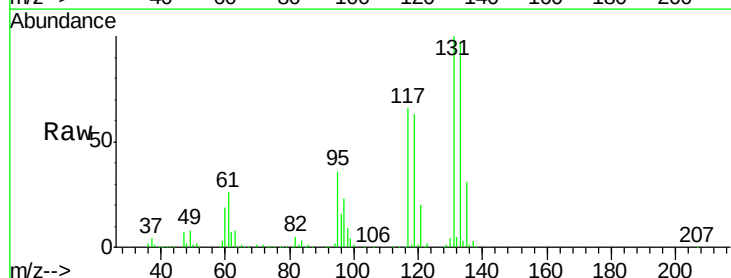
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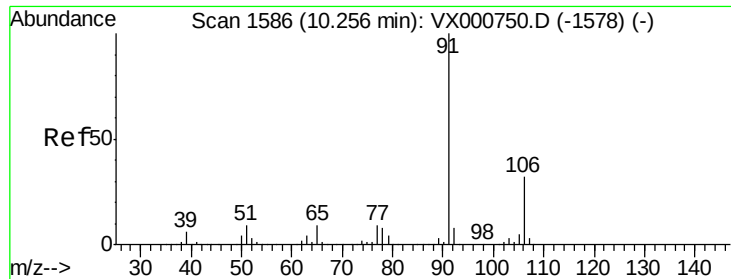
MMDadoda  
4/18/2018 2:45:14 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.89 ug/l  
RT: 10.23 min Scan# 1581  
Delta R.T. -0.00 min  
Lab File: VX000964.D  
Acq: 17 Apr 2018 11:19

Tgt Ion:131 Resp: 138380  
Ion Ratio Lower Upper  
131 100  
133 95.9 48.3 144.9  
119 63.0 31.4 94.0





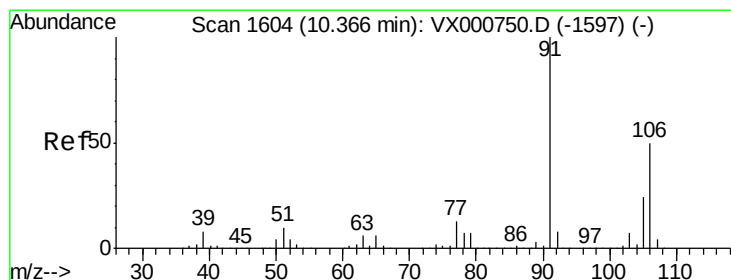
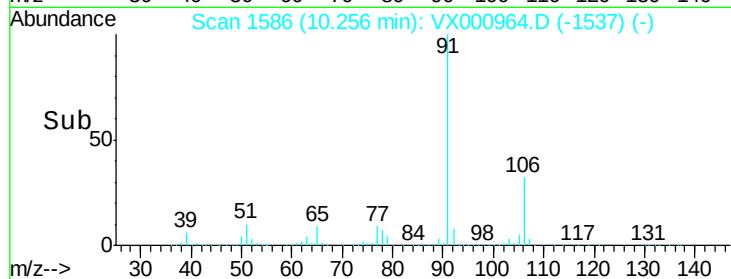
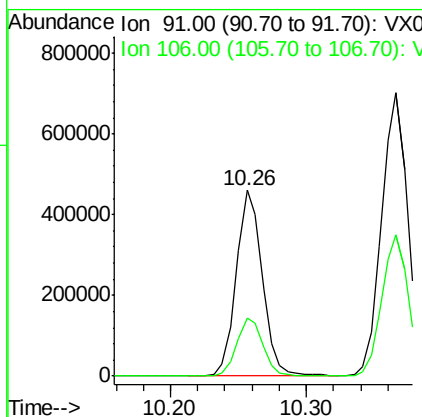
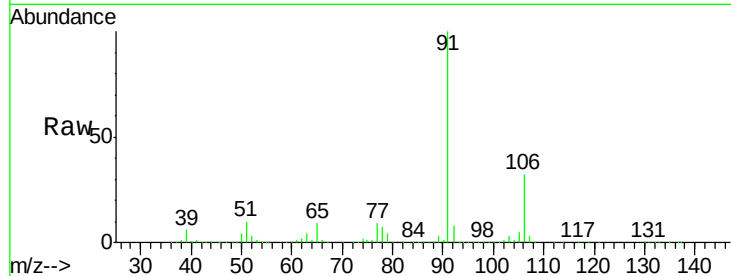
#67  
Ethyl Benzene  
Concen: 50.15 ug/l  
RT: 10.26 min Scan# 1586  
Delta R.T. -0.00 min  
Lab File: VX000964.D  
Acq: 17 Apr 2018 11:19

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 91 Resp: 616073  
Ion Ratio Lower Upper  
91 100  
106 31.6 25.4 38.0

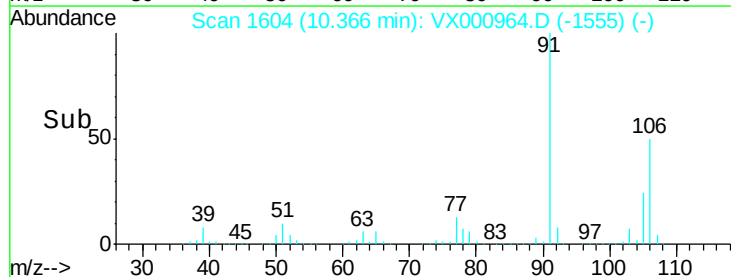
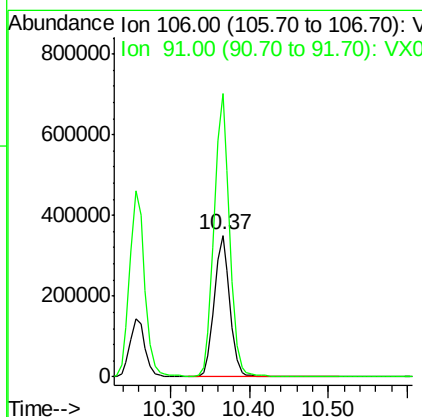
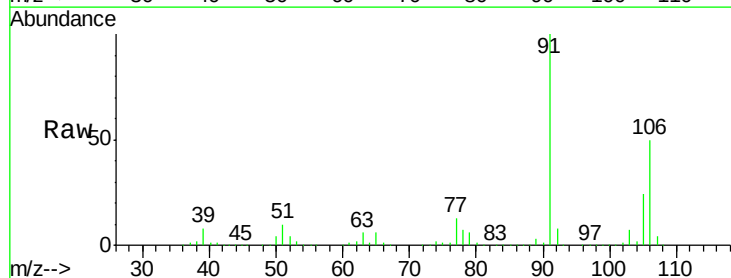
Manual Integrations  
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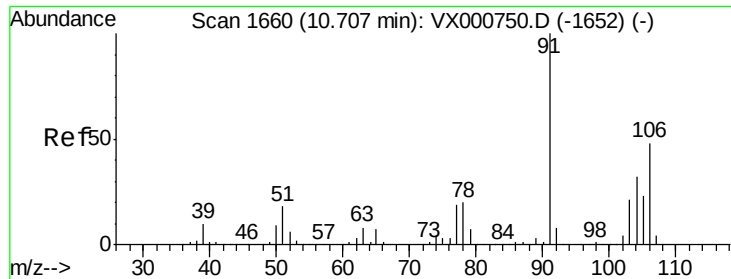
MMDadoda  
4/18/2018 2:45:14 PM



#68  
m/p-Xylenes  
Concen: 99.63 ug/l  
RT: 10.37 min Scan# 1604  
Delta R.T. -0.00 min  
Lab File: VX000964.D  
Acq: 17 Apr 2018 11:19

Tgt Ion: 106 Resp: 483115  
Ion Ratio Lower Upper  
106 100  
91 199.6 159.3 238.9





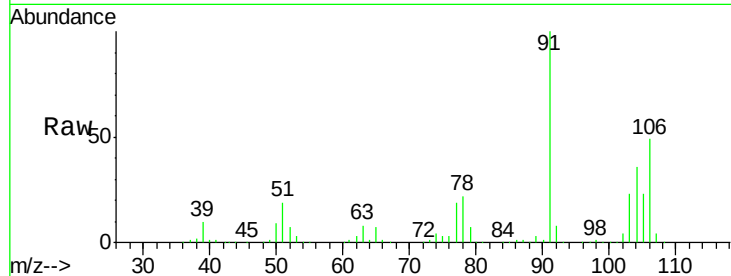
#69  
o-Xylene  
Concen: 51.04 ug/l  
RT: 10.71 min Scan# 1660  
Delta R.T. -0.00 min  
Lab File: VX000964.D  
Acq: 17 Apr 2018 11:19

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

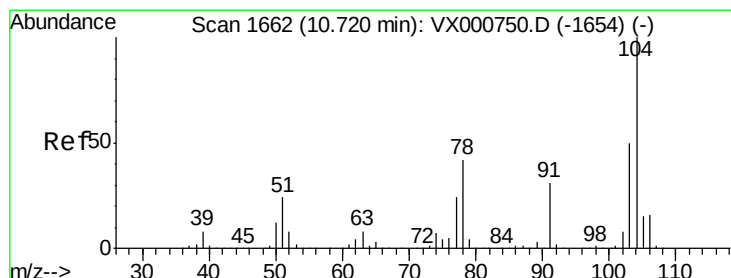
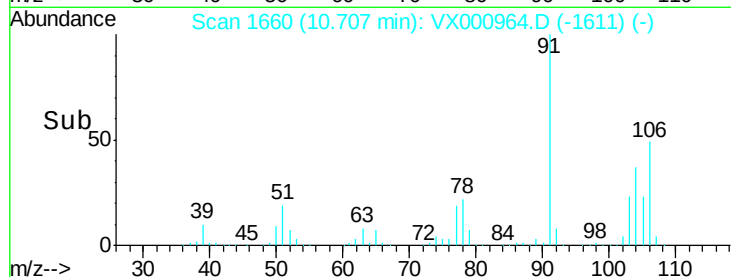
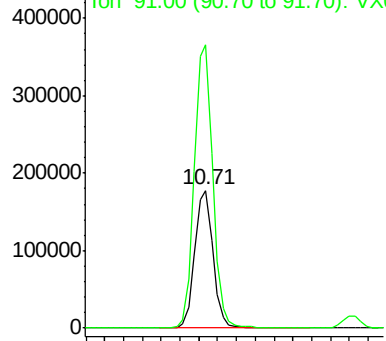
Tot Ion:106 Resp: 238519  
Ion Ratio Lower Upper  
106 100  
91 208.8 105.0 315.0

Manual Integrations  
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MMDadoda  
4/18/2018 2:45:14 PM

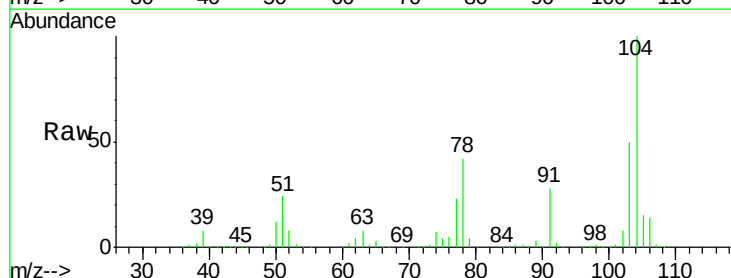


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VX0

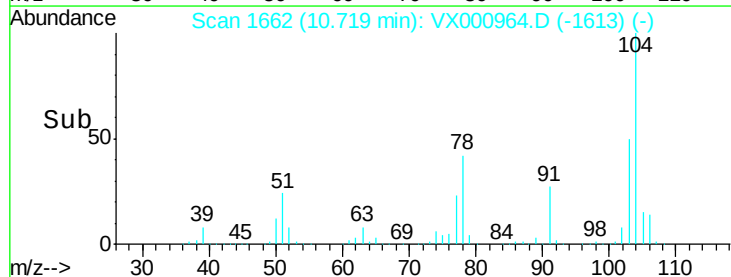
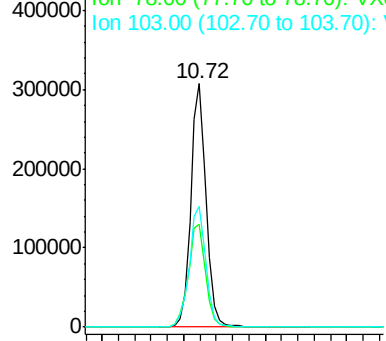


#70  
Styrene  
Concen: 51.12 ug/l  
RT: 10.72 min Scan# 1662  
Delta R.T. -0.00 min  
Lab File: VX000964.D  
Acq: 17 Apr 2018 11:19

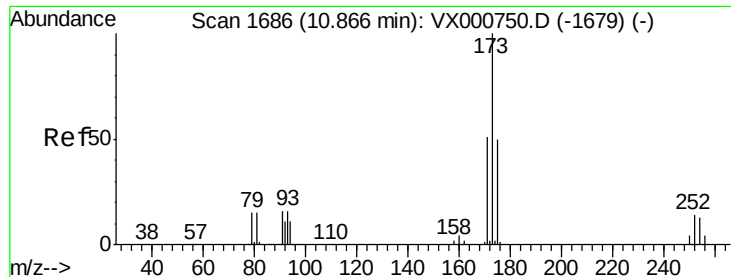
Tgt Ion:104 Resp: 402782  
Ion Ratio Lower Upper  
104 100  
78 48.3 39.0 58.6  
103 54.7 44.1 66.1



Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): VX0  
Ion 103.00 (102.70 to 103.70): V







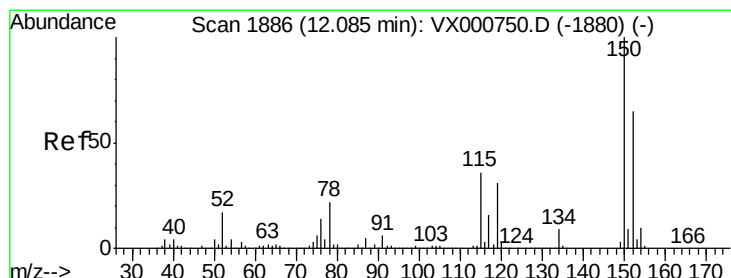
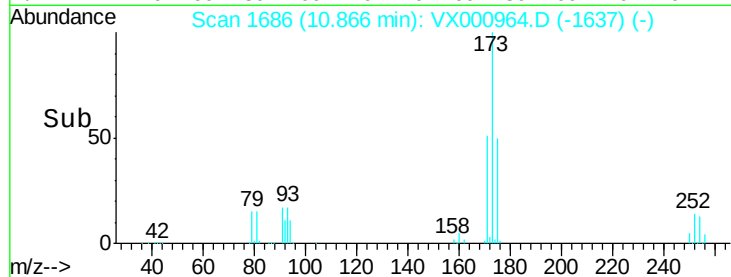
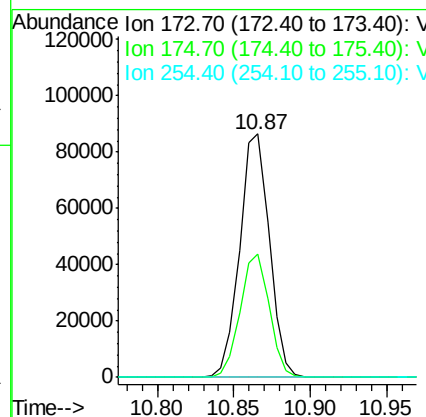
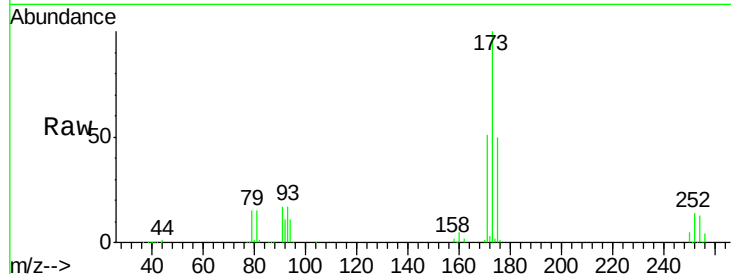
#71  
Bromoform  
Concen: 45.34 ug/l  
RT: 10.87 min Scan# 1686  
Delta R.T. -0.00 min  
Lab File: VX000964.D  
Acq: 17 Apr 2018 11:19

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 49.5  | 24.5  | 73.5  |
| 254     | 0.2   | 0.2   | 0.2   |

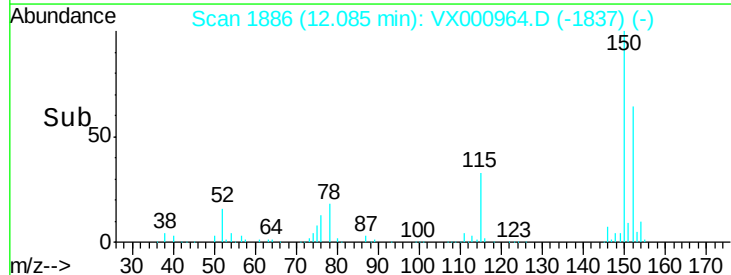
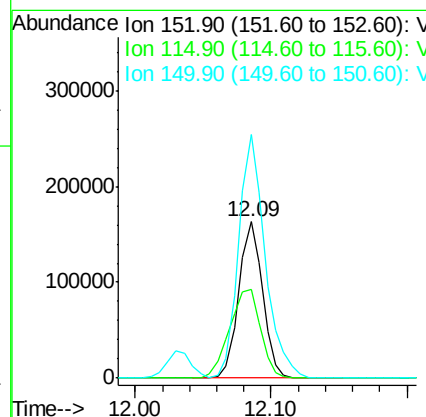
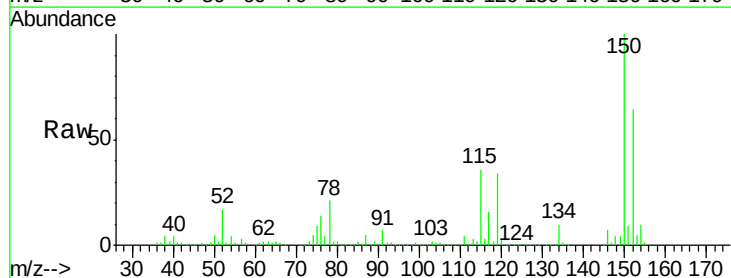
Manual Integrations  
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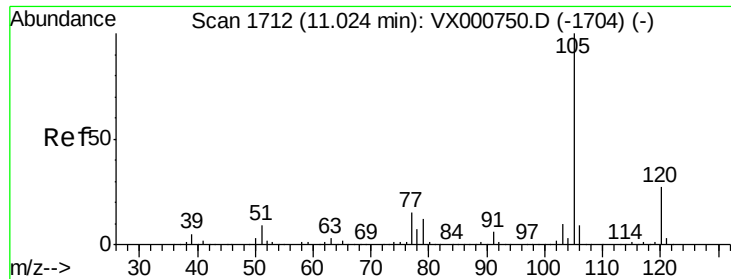
MMDadoda  
4/18/2018 2:45:14 PM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.09 min Scan# 1886  
Delta R.T. -0.00 min  
Lab File: VX000964.D  
Acq: 17 Apr 2018 11:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 74.2  | 37.9  | 113.7 |
| 150     | 173.2 | 0.0   | 348.0 |





#73

Isopropylbenzene

Concen: 50.55 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000964.D

Acq: 17 Apr 2018 11:19

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 637077

Ion Ratio Lower Upper

105 100

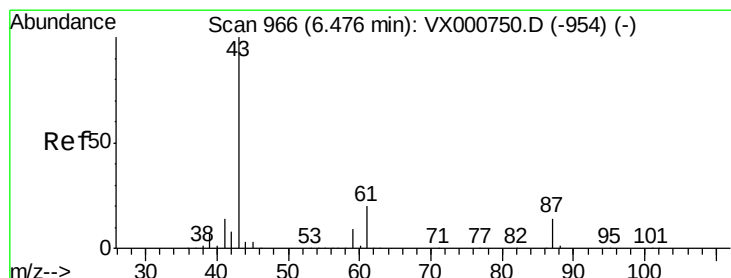
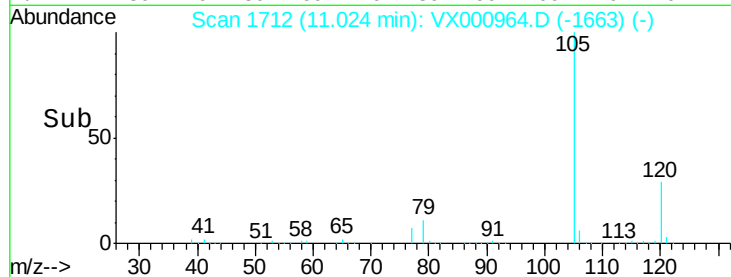
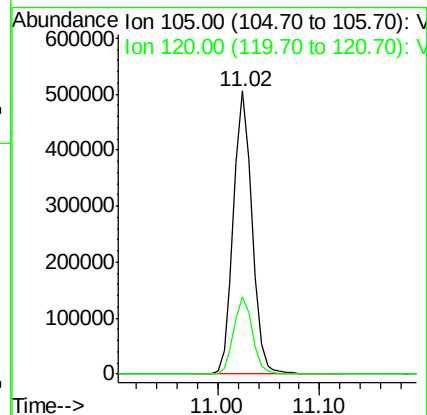
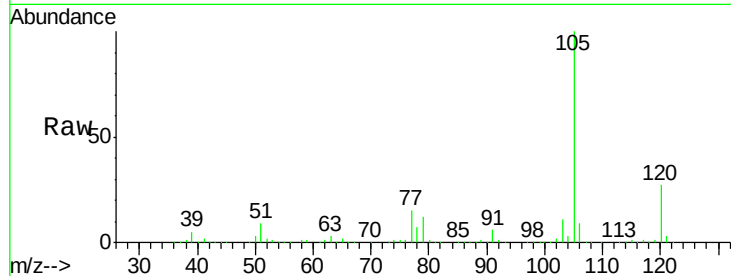
120 27.4 13.7 41.0

Manual Integrations

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#74

N-ethyl acetate

Concen: 49.57 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000964.D

Acq: 17 Apr 2018 11:19

Tgt Ion: 43 Resp: 281357

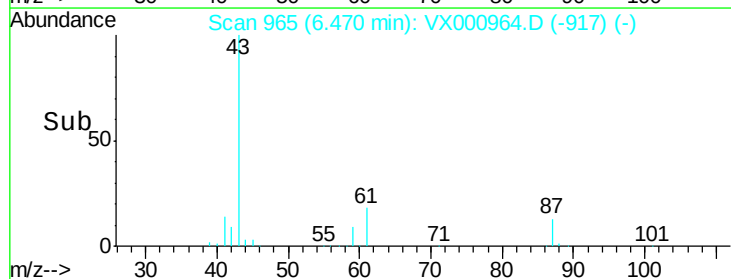
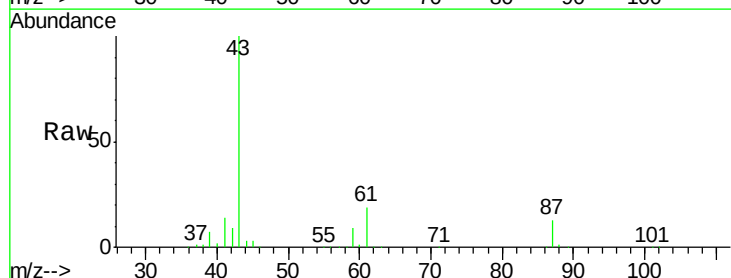
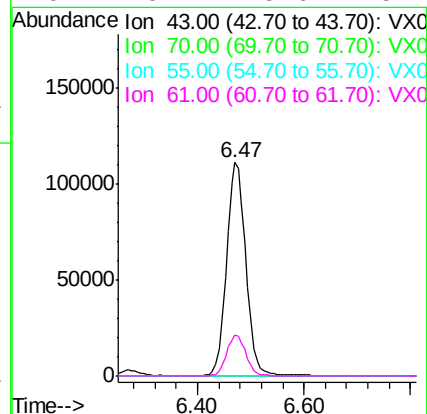
Ion Ratio Lower Upper

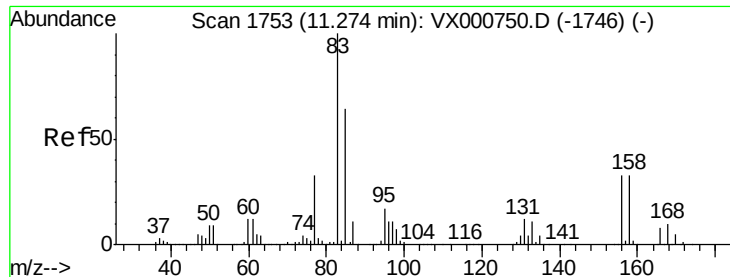
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 19.4 15.6 23.4





#75

1,1,2,2-Tetrachloroethane

Concen: 52.22 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000964.D

Acq: 17 Apr 2018 11:19

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 190996

Ion Ratio Lower Upper

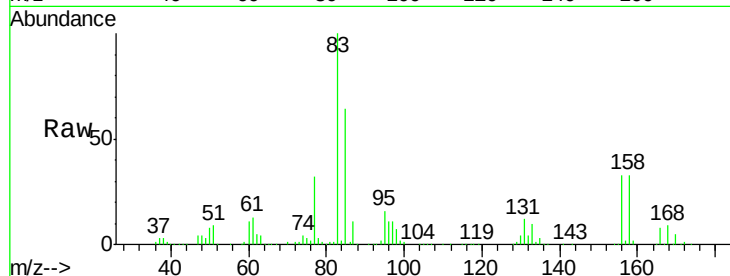
83 100

131 11.9 6.0 18.0

85 64.3 32.3 96.8

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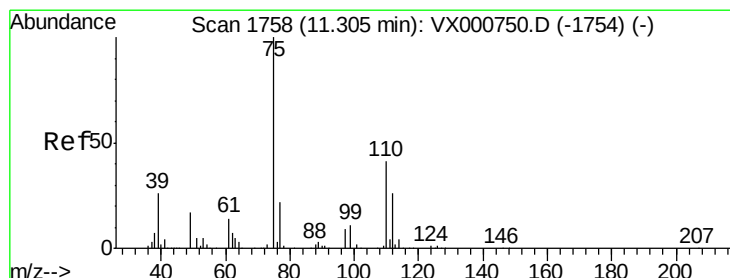
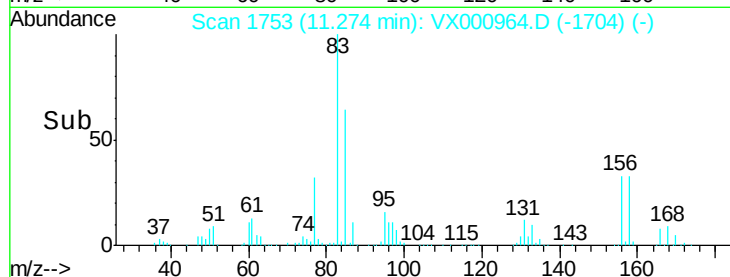
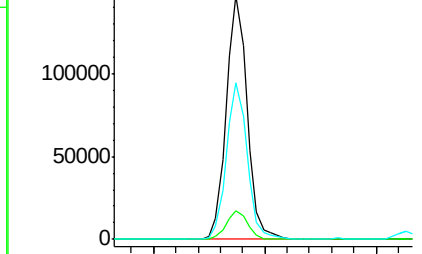
MMDadoda  
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 56.65 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000964.D

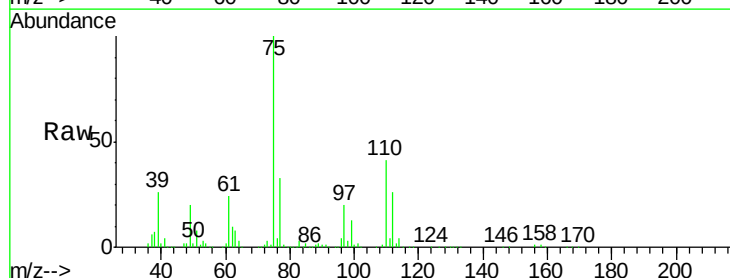
Acq: 17 Apr 2018 11:19

Tgt Ion: 75 Resp: 194101

Ion Ratio Lower Upper

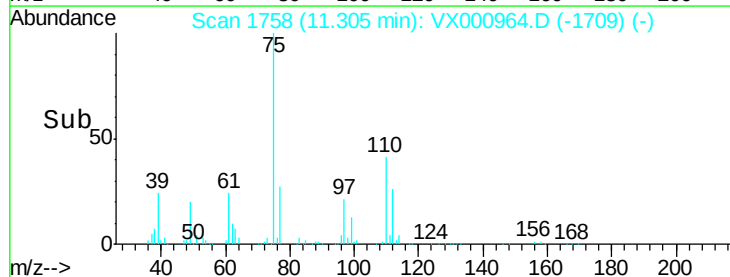
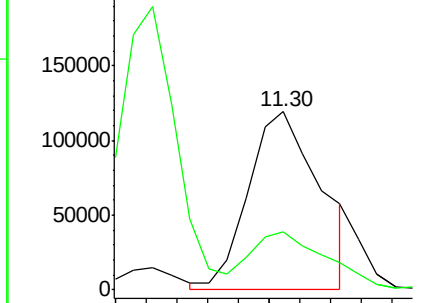
75 100

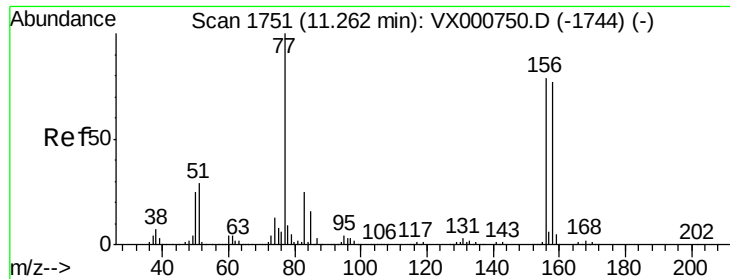
77 34.2 20.5 61.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.62 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000964.D

Acq: 17 Apr 2018 11:19

Instrument :

MSVOA\_X

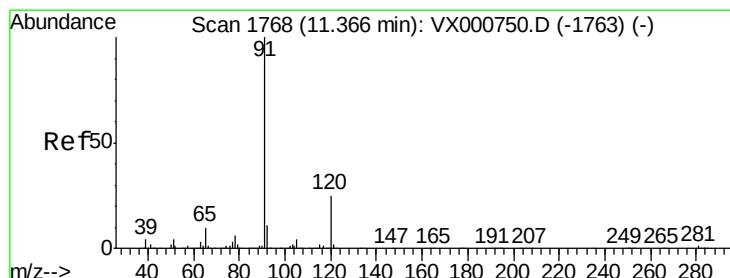
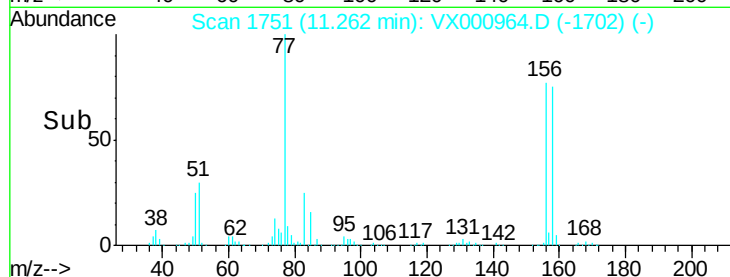
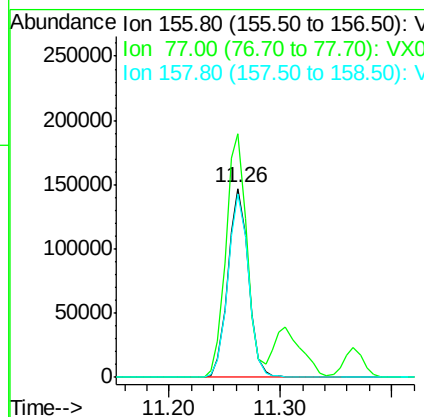
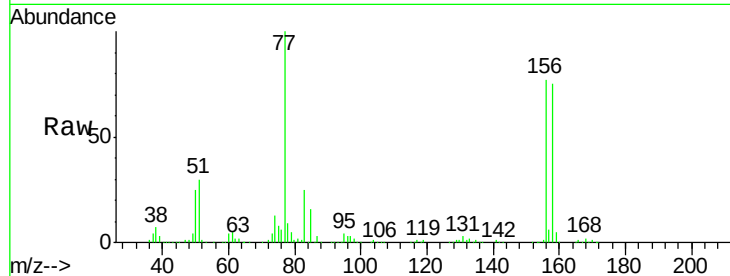
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 186991 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 132.8 | 66.0  | 198.2  |
| 158       | 98.1  | 48.8  | 146.4  |

Manual Integrations  
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#78

n-propylbenzene

Concen: 49.27 ug/l

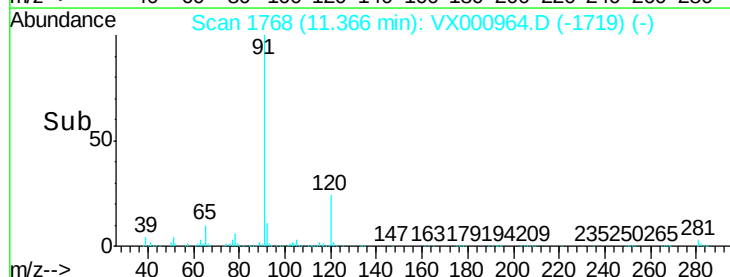
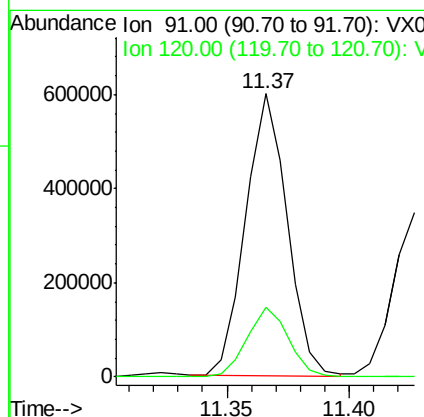
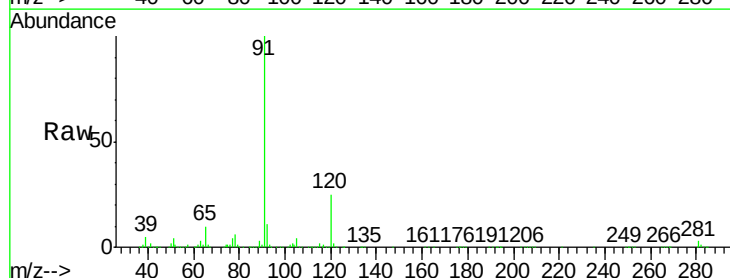
RT: 11.37 min Scan# 1768

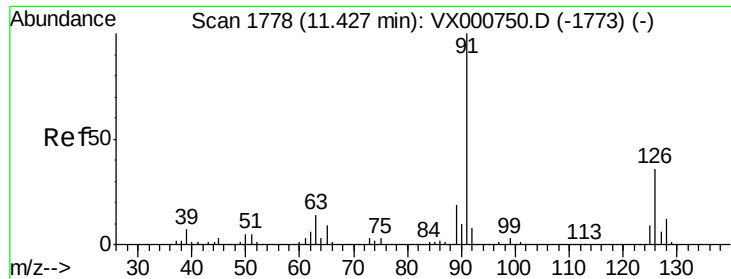
Delta R.T. -0.00 min

Lab File: VX000964.D

Acq: 17 Apr 2018 11:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 710290 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 24.9  | 12.6  | 37.6   |





#79

2-Chlorotoluene

Concen: 50.38 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000964.D

Acq: 17 Apr 2018 11:19

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 429259

Ion Ratio Lower Upper

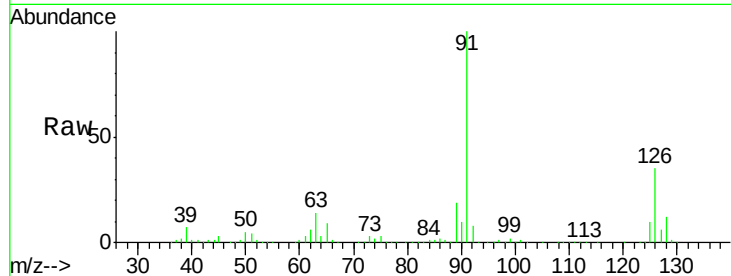
91 100

126 36.2 18.3 54.9

Manual Integrations  
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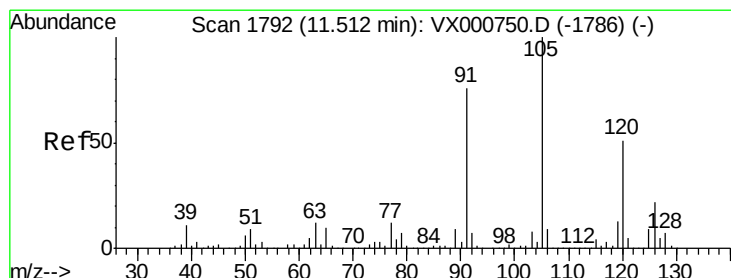
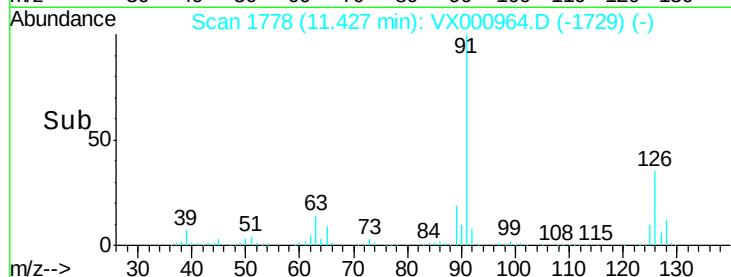
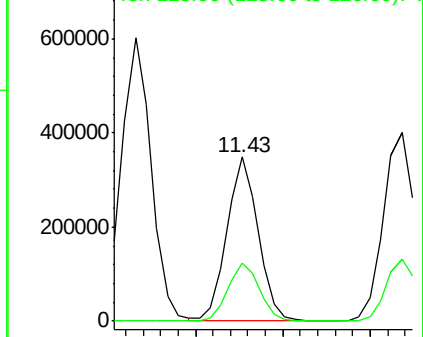
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 49.60 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000964.D

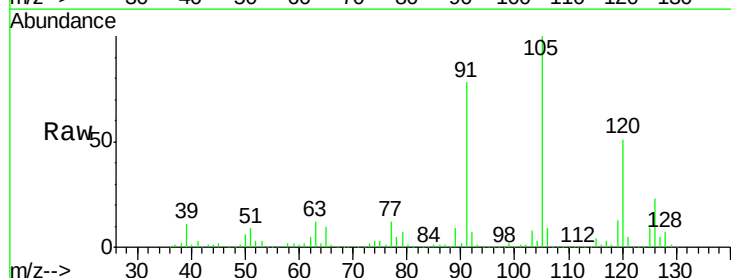
Acq: 17 Apr 2018 11:19

Tgt Ion:105 Resp: 537611

Ion Ratio Lower Upper

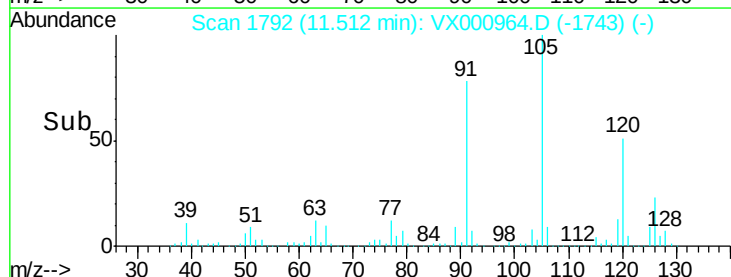
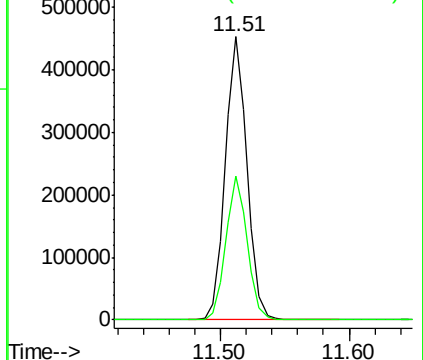
105 100

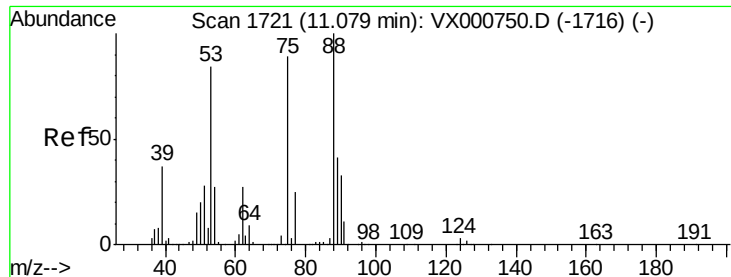
120 50.2 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 37.89 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX000964.D

Acq: 17 Apr 2018 11:19

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 47198

Ion Ratio Lower Upper

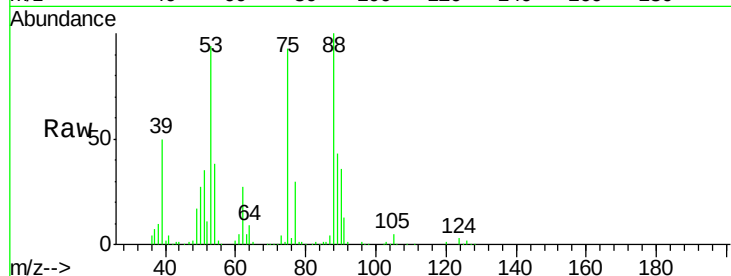
75 100

53 102.2 75.4 113.0

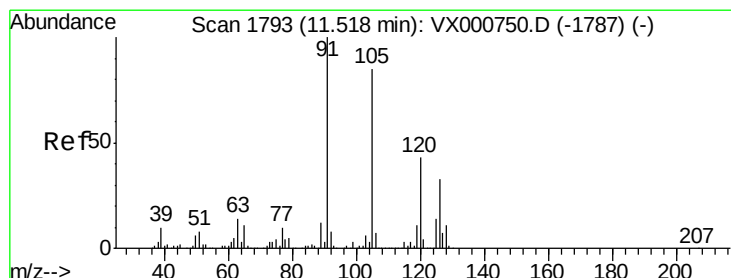
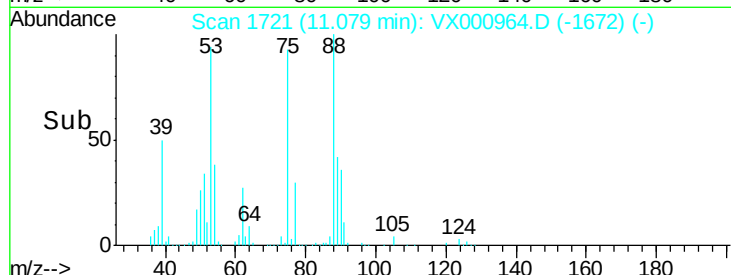
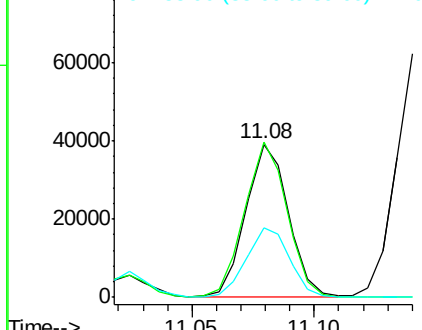
89 46.8 40.9 61.3

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Abundance Ion 74.90 (74.60 to 75.60): VX0  
Ion 53.00 (52.70 to 53.70): VX0  
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 49.63 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000964.D

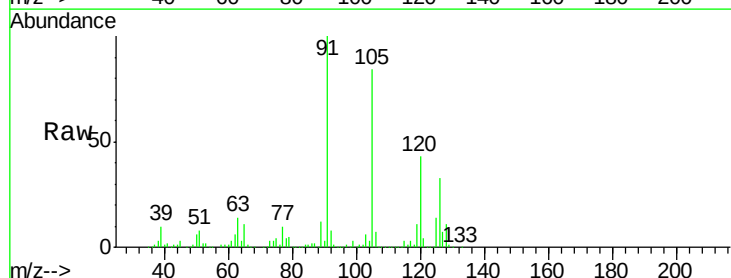
Acq: 17 Apr 2018 11:19

Tgt Ion: 91 Resp: 510470

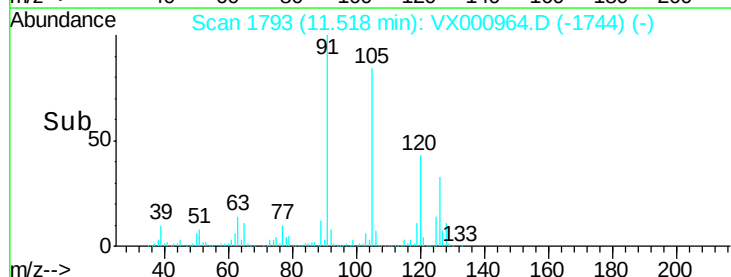
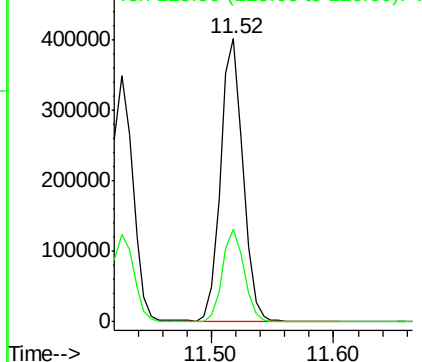
Ion Ratio Lower Upper

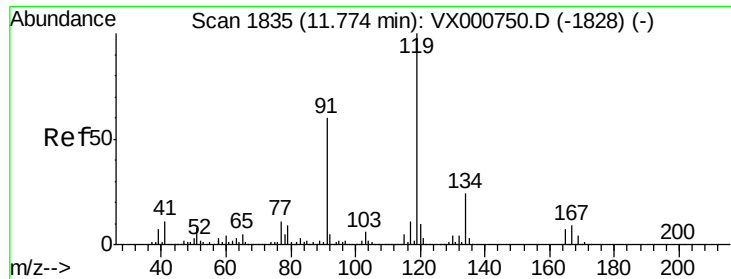
91 100

126 31.9 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0  
Ion 125.90 (125.60 to 126.60): V





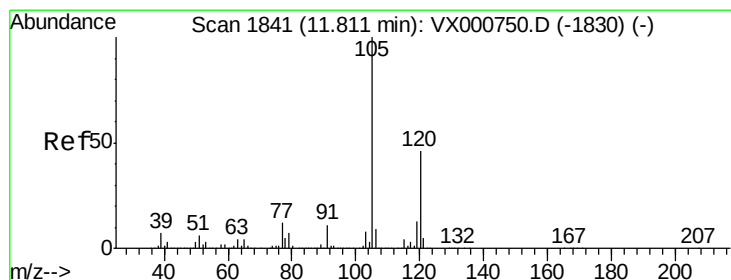
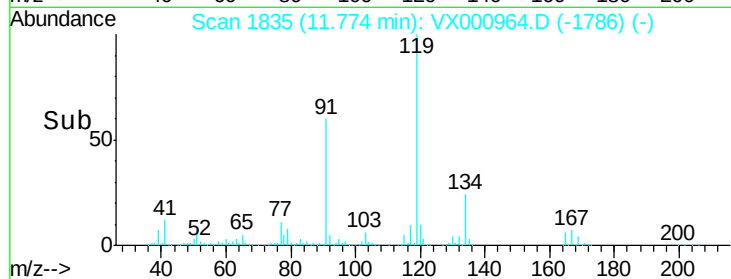
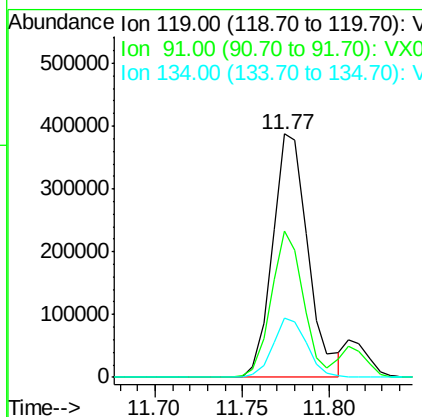
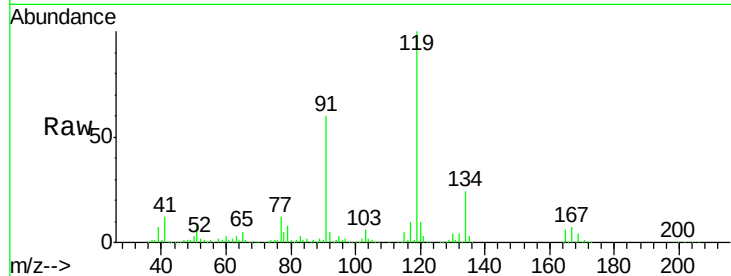
#83  
 tert-Butylbenzene  
 Concen: 49.60 ug/l  
 RT: 11.77 min Scan# 1835  
 Delta R.T. -0.00 min  
 Lab File: VX000964.D  
 Acq: 17 Apr 2018 11:19

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 54.2  | 26.8  | 80.3  |
| 134     | 23.2  | 11.5  | 34.4  |

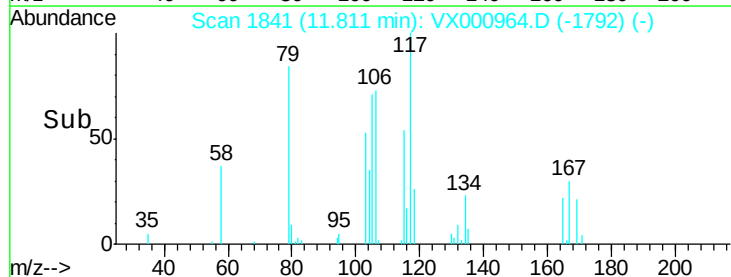
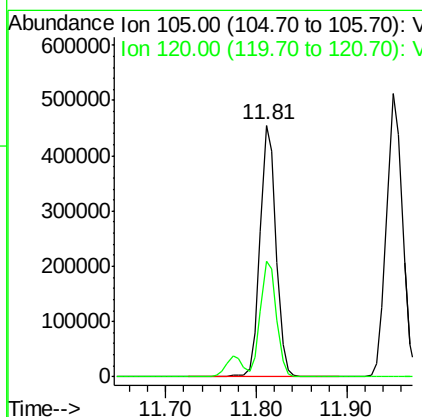
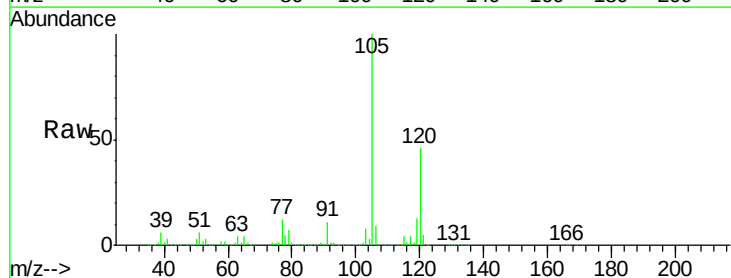
Manual Integrations  
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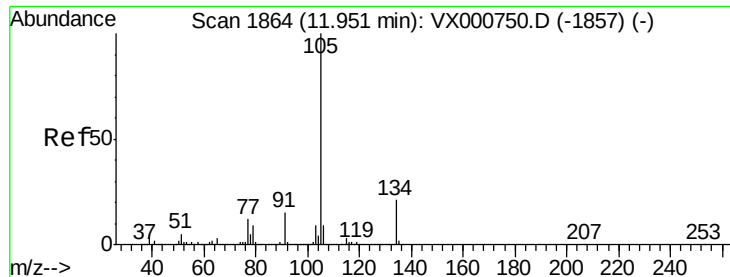
MMDadoda  
 4/18/2018 2:45:14 PM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 49.60 ug/l  
 RT: 11.81 min Scan# 1841  
 Delta R.T. -0.00 min  
 Lab File: VX000964.D  
 Acq: 17 Apr 2018 11:19

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





#85

sec-Butylbenzene

Concen: 48.50 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX000964.D

Acq: 17 Apr 2018 11:19

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 634562

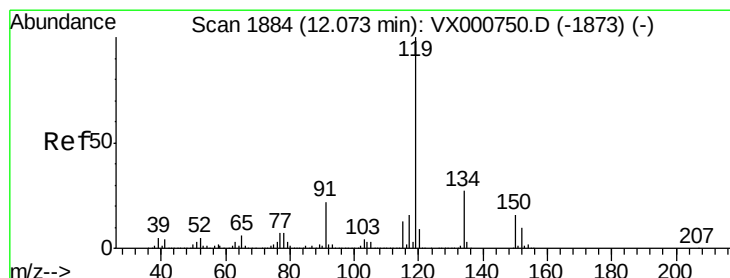
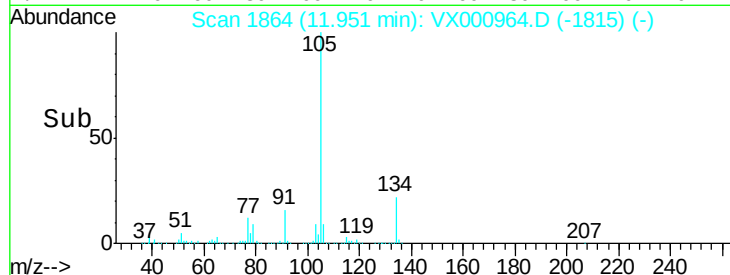
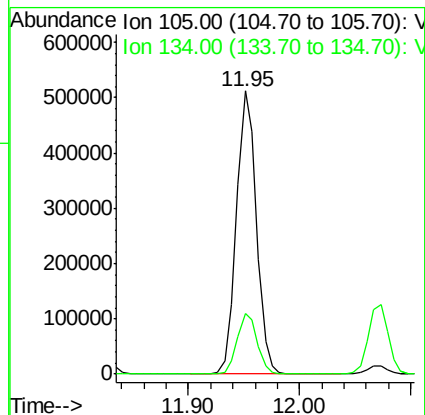
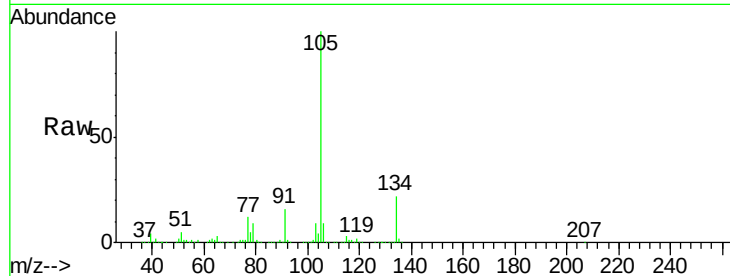
Ion Ratio Lower Upper

105 100

134 21.5 10.8 32.4

Manual Integrations  
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4/18/2018 2:45:14 PM



#86

p-Isopropyltoluene

Concen: 47.39 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000964.D

Acq: 17 Apr 2018 11:19

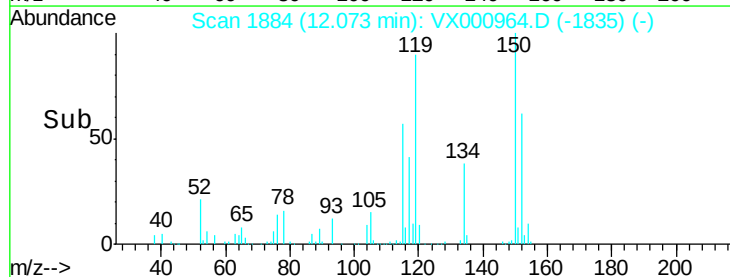
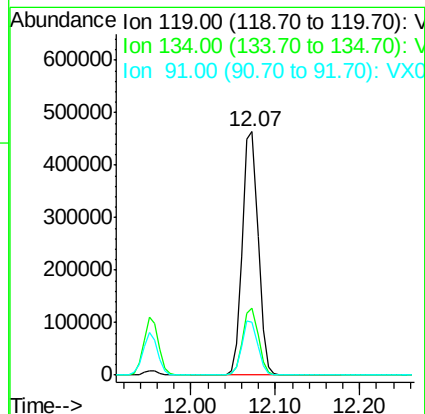
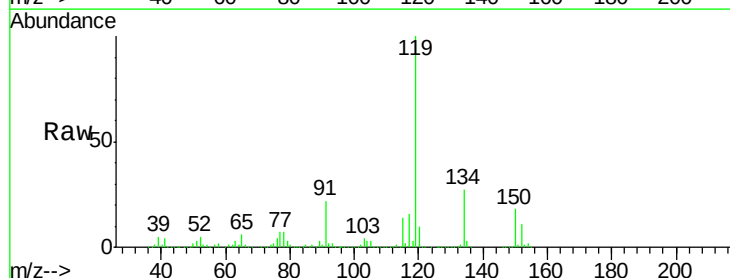
Tgt Ion:119 Resp: 578189

Ion Ratio Lower Upper

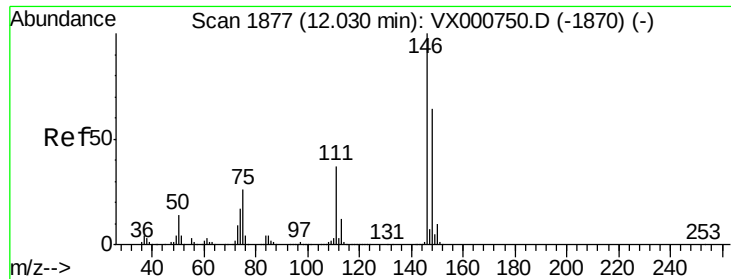
119 100

134 27.1 13.6 40.7

91 22.4 11.2 33.5







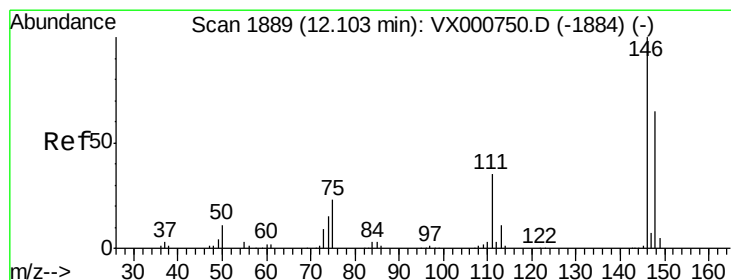
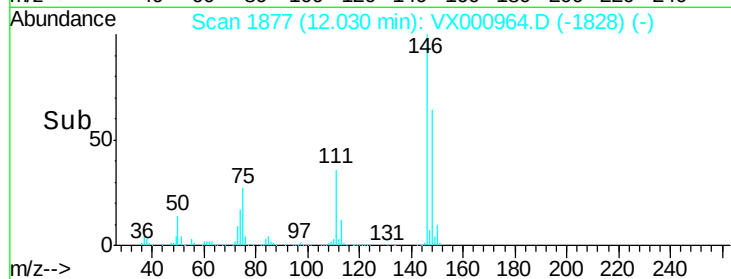
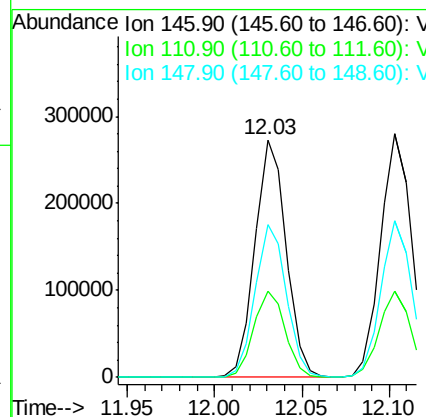
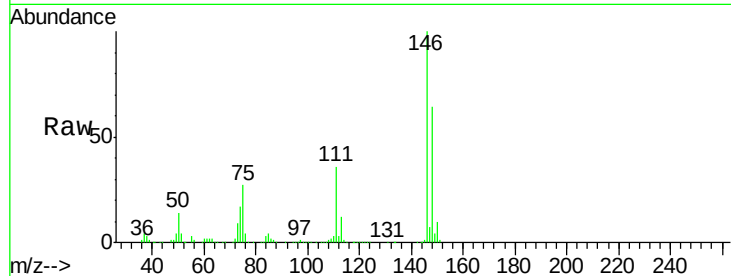
#87  
 1,3-Dichlorobenzene  
 Concen: 49.85 ug/l  
 RT: 12.03 min Scan# 1877  
 Delta R.T. -0.00 min  
 Lab File: VX000964.D  
 Acq: 17 Apr 2018 11:19

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 36.5  | 18.3  | 54.8  |
| 148     | 64.5  | 32.2  | 96.6  |

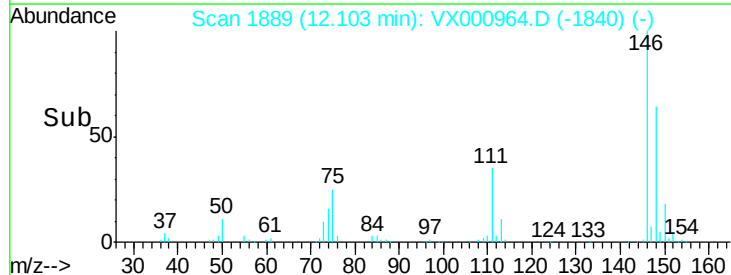
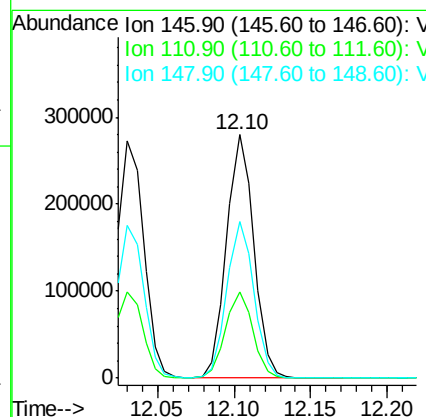
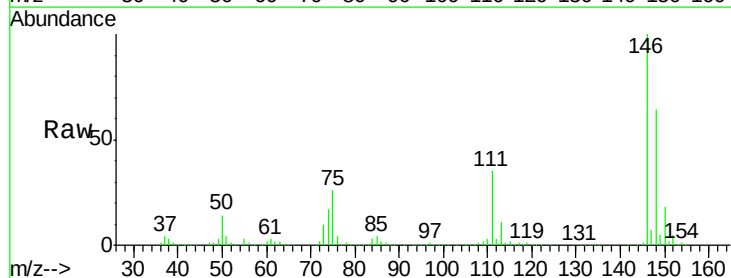
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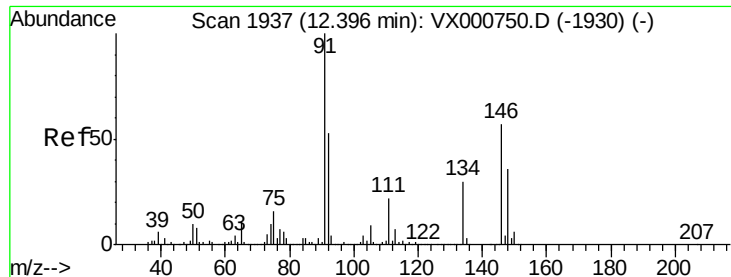
MMDadoda  
 4/18/2018 2:45:14 PM



#88  
 1,4-Dichlorobenzene  
 Concen: 49.45 ug/l  
 RT: 12.10 min Scan# 1889  
 Delta R.T. -0.00 min  
 Lab File: VX000964.D  
 Acq: 17 Apr 2018 11:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 35.6  | 17.9  | 53.8  |
| 148     | 63.9  | 32.6  | 97.7  |





#89

n-Butylbenzene

Concen: 45.66 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000964.D

Acq: 17 Apr 2018 11:19

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 491652

Ion Ratio Lower Upper

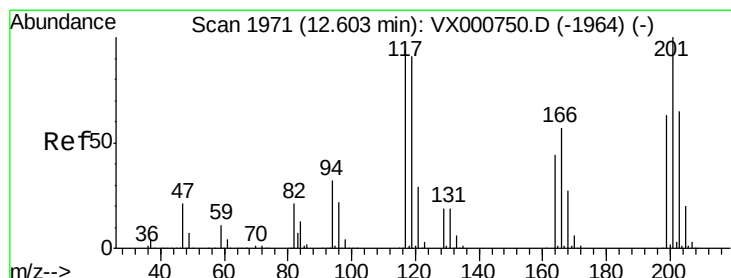
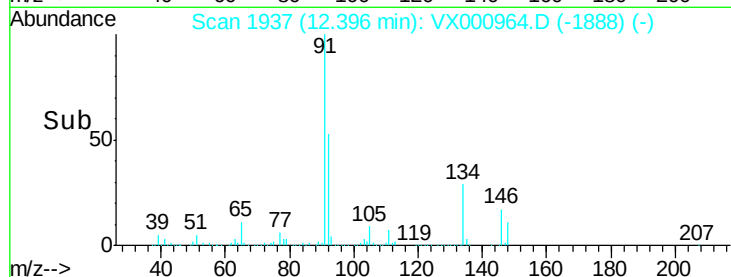
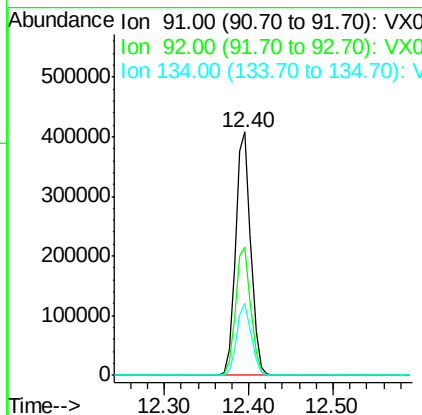
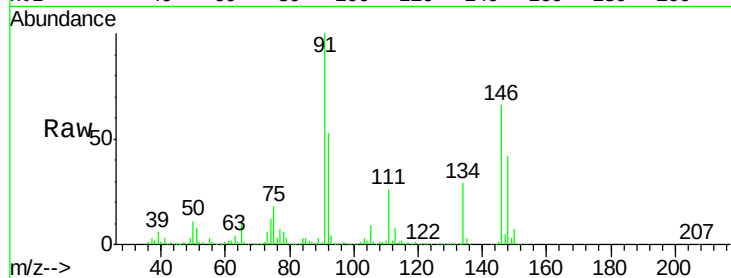
91 100

92 53.0 26.5 79.5

134 28.8 14.5 43.5

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#90

Hexachloroethane

Concen: 43.07 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000964.D

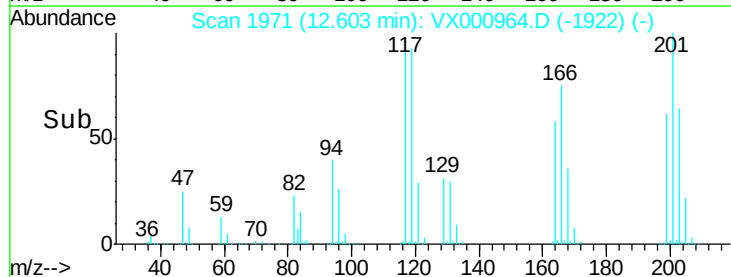
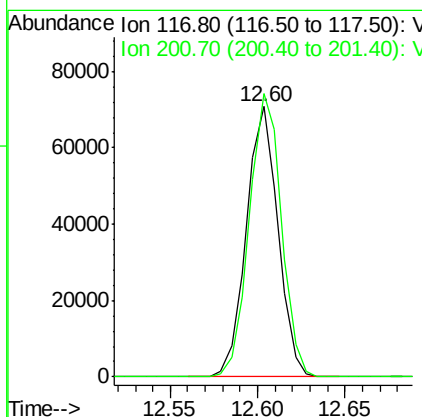
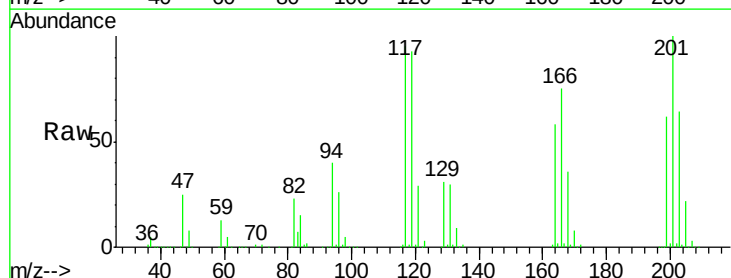
Acq: 17 Apr 2018 11:19

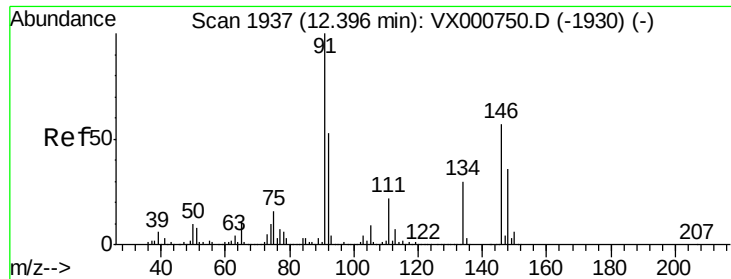
Tgt Ion: 117 Resp: 88903

Ion Ratio Lower Upper

117 100

201 106.5 52.9 158.7





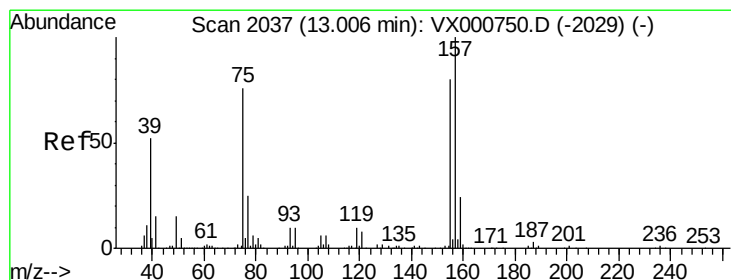
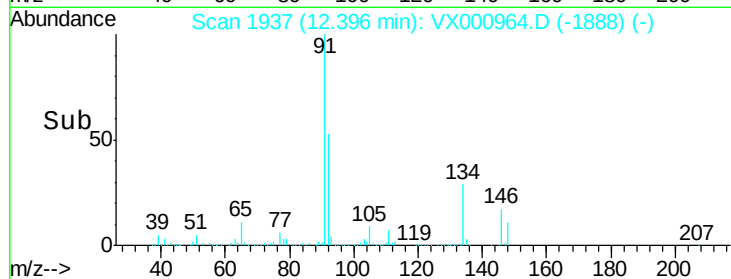
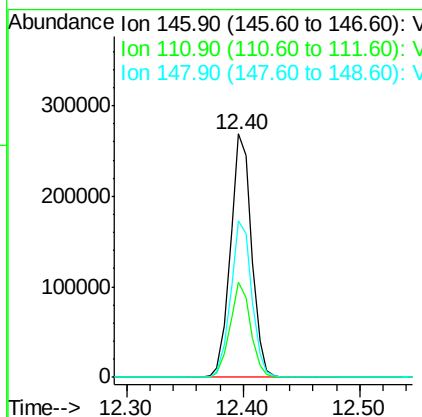
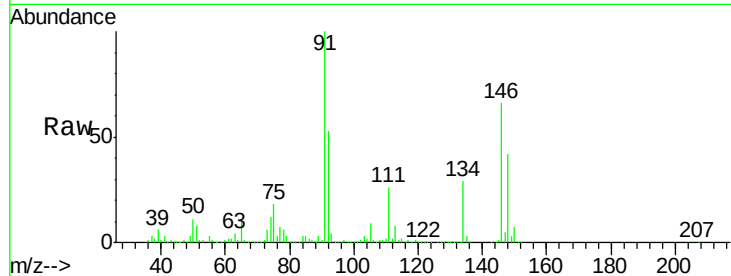
#91  
 1,2-Dichlorobenzene  
 Concen: 51.30 ug/l  
 RT: 12.40 min Scan# 1937  
 Delta R.T. -0.00 min  
 Lab File: VX000964.D  
 Acq: 17 Apr 2018 11:19

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.9  | 18.9  | 56.7  |
| 148     | 64.0  | 32.0  | 96.2  |

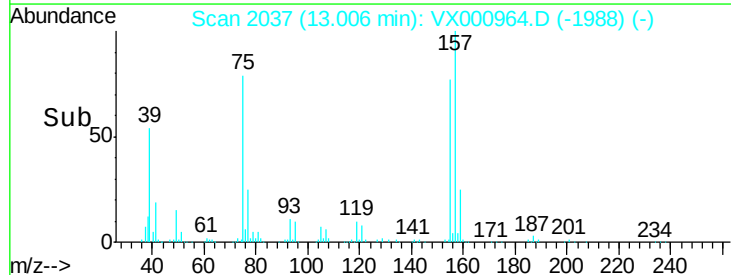
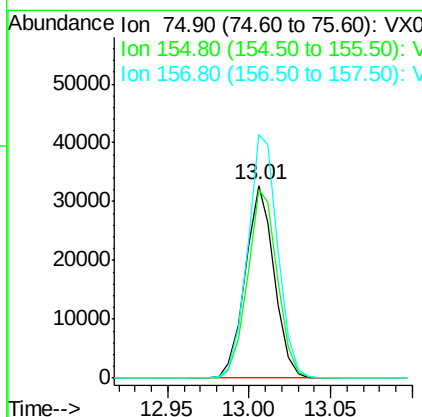
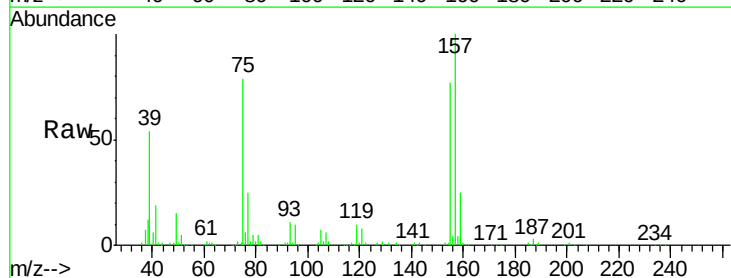
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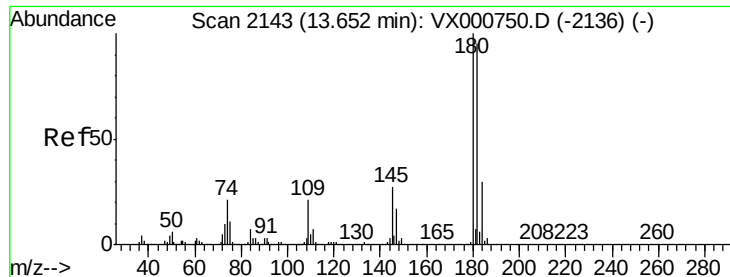
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 44.04 ug/l  
 RT: 13.01 min Scan# 2037  
 Delta R.T. -0.00 min  
 Lab File: VX000964.D  
 Acq: 17 Apr 2018 11:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 100.9 | 51.9  | 155.8 |
| 157     | 131.3 | 66.6  | 199.8 |





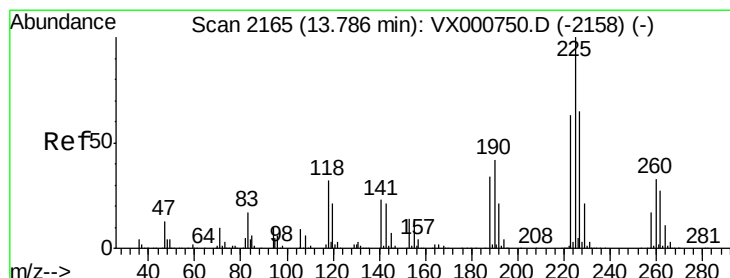
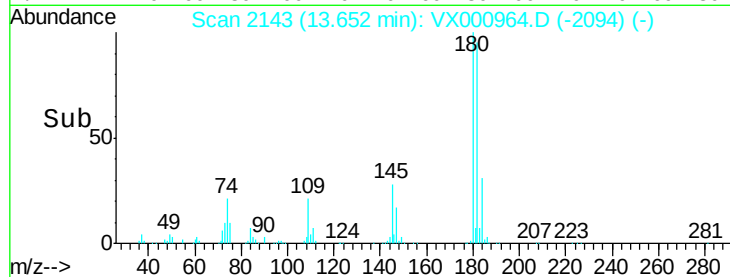
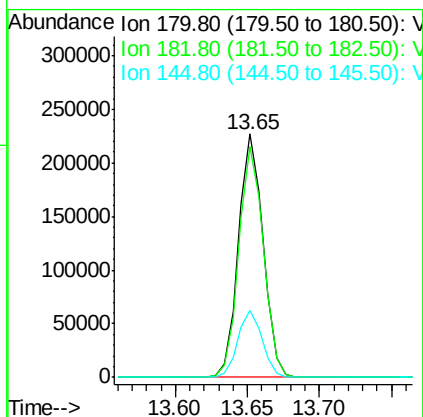
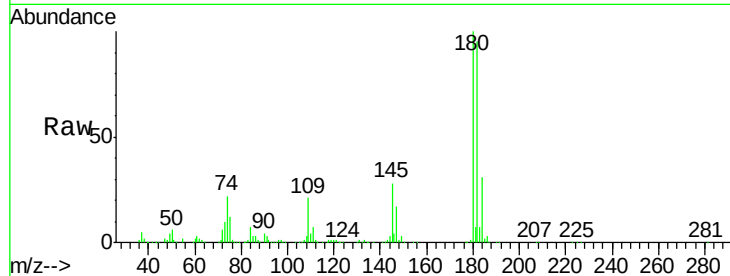
#93  
 1,2,4-Trichlorobenzene  
 Concen: 47.81 ug/l  
 RT: 13.65 min Scan# 2143  
 Delta R.T. -0.00 min  
 Lab File: VX000964.D  
 Acq: 17 Apr 2018 11:19

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 269276 |       |       |
| 182     | 95.0  |        | 47.5  | 142.5 |
| 145     | 27.5  |        | 13.8  | 41.4  |

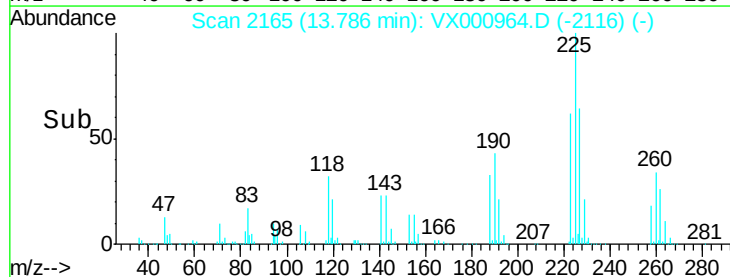
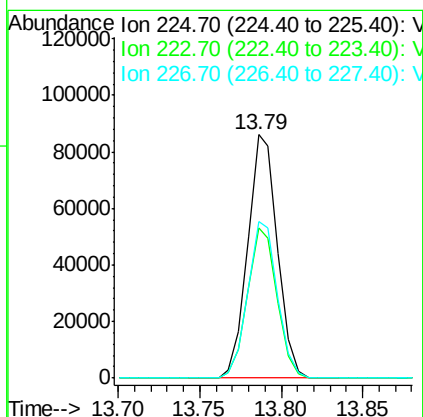
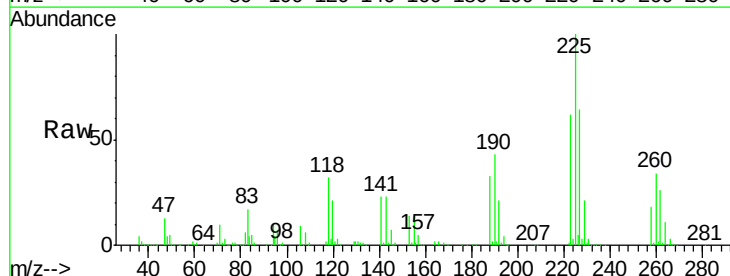
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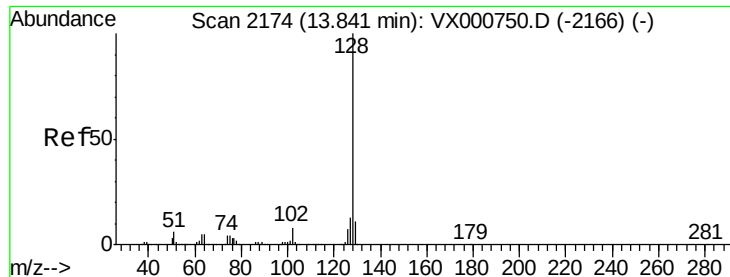
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#94  
 Hexachlorobutadiene  
 Concen: 39.41 ug/l  
 RT: 13.79 min Scan# 2165  
 Delta R.T. -0.00 min  
 Lab File: VX000964.D  
 Acq: 17 Apr 2018 11:19

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 109149 |       |       |
| 223     | 61.4  |        | 31.2  | 93.6  |
| 227     | 64.0  |        | 32.3  | 96.9  |





#95

Naphthalene

Concen: 50.18 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000964.D

Acq: 17 Apr 2018 11:19

Instrument :

MSVOA\_X

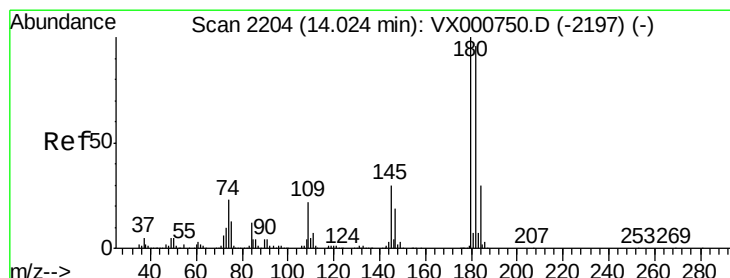
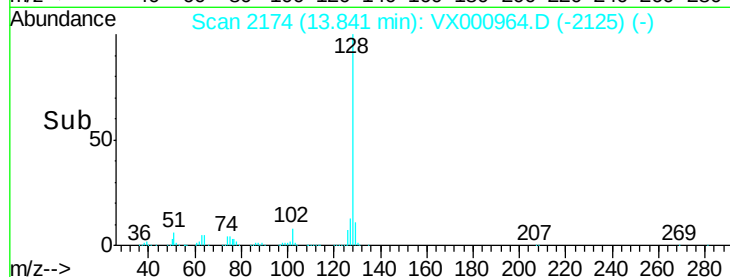
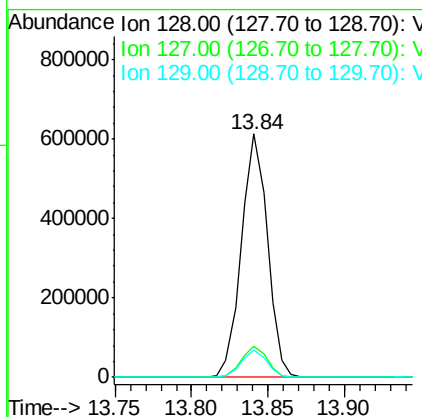
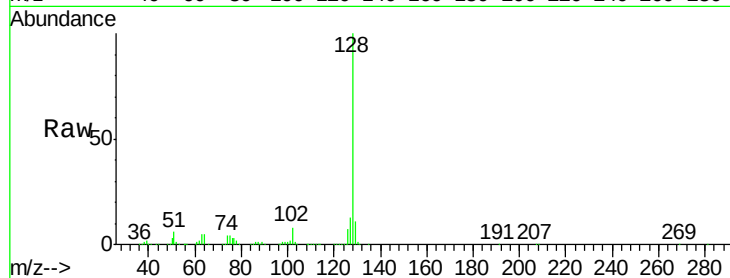
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 725449 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 12.9  | 10.4  | 15.6   |
| 129       | 10.9  | 8.7   | 13.1   |

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#96

1,2,3-Trichlorobenzene

Concen: 48.68 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX000964.D

Acq: 17 Apr 2018 11:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 266309 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.8  | 48.4  | 145.2  |
| 145       | 29.0  | 14.6  | 43.8   |

