

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072518\  
 Data File : VX003650.D  
 Acq On : 25 Jul 2018 10:15  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 7/27/2018 5:29:31 PM

Quant Time: Jul 27 04:07:59 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X072418W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 27 02:16:51 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 113466   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 167213   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 156345   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 97885    | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |       |
|-----------------------------|--------|-----|----------|-------|---------|-------|
| System Monitoring Compounds |        |     |          |       |         |       |
| 33) 1,2-Dichloroethane-d4   | 6.07   | 65  | 83142    | 49.47 | ug/l    | 0.00  |
| Spiked Amount               | 50.000 |     | Recovery | =     | 98.94%  |       |
| 35) Dibromofluoromethane    | 5.49   | 113 | 67877    | 49.66 | ug/l    | -0.01 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 99.32%  |       |
| 50) Toluene-d8              | 8.72   | 98  | 260857   | 50.00 | ug/l    | 0.00  |
| Spiked Amount               | 50.000 |     | Recovery | =     | 100.00% |       |
| 62) 4-Bromofluorobenzene    | 11.14  | 95  | 97339    | 51.16 | ug/l    | 0.00  |
| Spiked Amount               | 50.000 |     | Recovery | =     | 102.32% |       |

|                               |      |     |         |        |        |      |
|-------------------------------|------|-----|---------|--------|--------|------|
| Target Compounds              |      |     |         |        | Qvalue |      |
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 58910   | 45.59  | ug/l   | 96   |
| 3) Chloromethane              | 1.32 | 50  | 75935   | 44.61  | ug/l   | 95   |
| 4) Vinyl Chloride             | 1.40 | 62  | 80963   | 46.50  | ug/l   | 92   |
| 5) Bromomethane               | 1.64 | 94  | 48317   | 57.47  | ug/l   | 95   |
| 6) Chloroethane               | 1.72 | 64  | 50301   | 42.15  | ug/l   | 98   |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 107598  | 48.01  | ug/l   | 99   |
| 8) Diethyl Ether              | 2.19 | 74  | 47164   | 48.03  | ug/l   | 97   |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 68333   | 49.54  | ug/l   | 97   |
| 10) Methyl Iodide             | 2.51 | 142 | 86967   | 46.98  | ug/l   | 99   |
| 11) Tert butyl alcohol        | 3.07 | 59  | 91287   | 227.21 | ug/l   | 99   |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 63985   | 48.75  | ug/l   | 86   |
| 13) Acrolein                  | 2.29 | 56  | 45837   | 226.02 | ug/l   | 97   |
| 14) Allyl chloride            | 2.73 | 41  | 129881  | 47.48  | ug/l   | 97   |
| 15) Acrylonitrile             | 3.15 | 53  | 231745  | 238.73 | ug/l   | 98   |
| 16) Acetone                   | 2.45 | 43  | 177935  | 225.34 | ug/l   | 100  |
| 17) Carbon Disulfide          | 2.57 | 76  | 176975  | 46.88  | ug/l   | 100  |
| 18) Methyl Acetate            | 2.78 | 43  | 113011  | 47.39  | ug/l   | 100  |
| 19) Methyl tert-butyl Ether   | 3.20 | 73  | 231181  | 49.88  | ug/l   | 97   |
| 20) Methylene Chloride        | 2.86 | 84  | 74199   | 47.42  | ug/l   | 97   |
| 21) trans-1,2-Dichloroethene  | 3.16 | 96  | 66595   | 47.19  | ug/l   | 99   |
| 22) Diisopropyl ether         | 3.87 | 45  | 234891  | 47.02  | ug/l   | # 87 |
| 23) Vinyl Acetate             | 3.82 | 43  | 1086660 | 253.95 | ug/l   | 98   |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 131345  | 46.65  | ug/l   | 99   |
| 25) 2-Butanone                | 4.71 | 43  | 286567  | 234.92 | ug/l   | 96   |
| 26) 2,2-Dichloropropane       | 4.59 | 77  | 93364   | 52.45  | ug/l   | 99   |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 74094   | 48.36  | ug/l   | 98   |
| 28) Bromochloromethane        | 5.01 | 49  | 53913   | 47.72  | ug/l   | 99   |
| 29) Tetrahydrofuran           | 5.16 | 42  | 189937  | 239.20 | ug/l   | 97   |
| 30) Chloroform                | 5.21 | 83  | 123645  | 48.42  | ug/l   | 95   |
| 31) Cyclohexane               | 5.58 | 56  | 113385  | 50.17  | ug/l   | 94   |
| 32) 1,1,1-Trichloroethane     | 5.50 | 97  | 102767  | 48.46  | ug/l   | 99   |
| 36) 1,1-Dichloropropene       | 5.79 | 75  | 94827   | 48.52  | ug/l   | 98   |
| 37) Ethyl Acetate             | 4.87 | 43  | 110564  | 47.04  | ug/l   | 99   |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 90282   | 47.92  | ug/l   | 95   |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 7/27/2018 5:29:31 PM

Quant Time: Jul 27 04:07:59 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X072418W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 27 02:16:51 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 109076   | 50.70  | ug/l   | 99       |
| 40) Benzene                    | 6.14  | 78   | 276733   | 47.84  | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.06  | 41   | 63636    | 48.90  | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 99023    | 48.64  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 6.46  | 43   | 169026   | 49.30  | ug/l   | 99       |
| 44) Trichloroethene            | 7.21  | 130  | 71859    | 46.34  | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 73663    | 49.27  | ug/l   | 98       |
| 46) Dibromomethane             | 7.67  | 93   | 47594    | 49.55  | ug/l   | 99       |
| 47) Bromodichloromethane       | 7.90  | 83   | 90289    | 50.14  | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.78  | 41   | 88108    | 50.64  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.76  | 88   | 37695    | 971.12 | ug/l   | 100      |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 564679   | 244.10 | ug/l   | 99       |
| 52) Toluene                    | 8.79  | 92   | 173828   | 48.35  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 105423   | 52.87  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 8.44  | 75   | 113214   | 51.60  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 9.22  | 97   | 72249    | 49.16  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 114899   | 52.54  | ug/l   | 100      |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 121925   | 49.41  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.32  | 63   | 288390   | 262.41 | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.50  | 43   | 431591   | 243.21 | ug/l   | 100      |
| 60) Dibromochloromethane       | 9.59  | 129  | 72223    | 51.81  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.68  | 107  | 75296    | 49.20  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.34  | 164  | 68101    | 47.64  | ug/l   | 98       |
| 65) Chlorobenzene              | 10.14 | 112  | 195586   | 49.71  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.23 | 131  | 69186    | 50.58  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.26 | 91   | 336092   | 51.03  | ug/l   | 100      |
| 68) m/p-Xylenes                | 10.36 | 106  | 261271   | 103.40 | ug/l   | 99       |
| 69) o-Xylene                   | 10.70 | 106  | 126001   | 51.80  | ug/l   | 100      |
| 70) Styrene                    | 10.71 | 104  | 214944   | 52.60  | ug/l   | 100      |
| 71) Bromoform                  | 10.86 | 173  | 56311    | 52.06  | ug/l # | 98       |
| 73) Isopropylbenzene           | 11.02 | 105  | 337580   | 50.48  | ug/l   | 99       |
| 74) N-amyl acetate             | 6.46  | 43   | 169026   | 48.46  | ug/l # | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 116377   | 47.12  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 102494m  | 49.92  | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 89192    | 49.10  | ug/l   | 100      |
| 78) n-propylbenzene            | 11.36 | 91   | 398650   | 51.62  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 232500   | 49.53  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 291212   | 51.47  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.08 | 75   | 36166    | 54.58  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 278027   | 50.29  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.77 | 119  | 281754   | 50.89  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 300763   | 51.72  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.95 | 105  | 340037   | 51.46  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 307326   | 51.81  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 12.03 | 146  | 166515   | 49.22  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 170254   | 48.41  | ug/l   | 100      |
| 89) n-Butylbenzene             | 12.39 | 91   | 278395   | 52.08  | ug/l   | 100      |
| 90) Hexachloroethane           | 12.60 | 117  | 45551    | 50.71  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 12.40 | 146  | 167579   | 48.49  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 24998    | 48.62  | ug/l   | 100      |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072518\  
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Acq On : 25 Jul 2018 10:15  
Operator : JC/SP  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

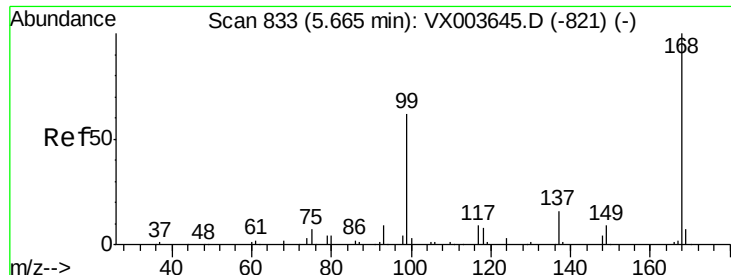
MMDadoda  
7/27/2018 5:29:31 PM

Quant Time: Jul 27 04:07:59 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X072418W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jul 27 02:16:51 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 124840   | 50.62 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.79 | 225  | 56819    | 49.80 | ug/l  | 99       |
| 95) Naphthalene            | 13.83 | 128  | 389134   | 52.17 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 126880   | 50.65 | ug/l  | 99       |

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





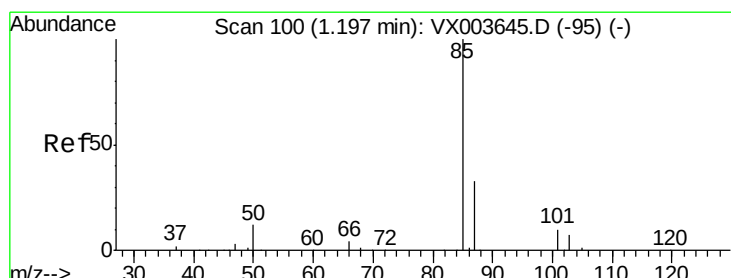
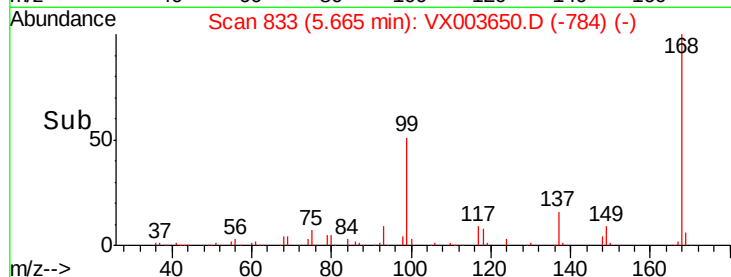
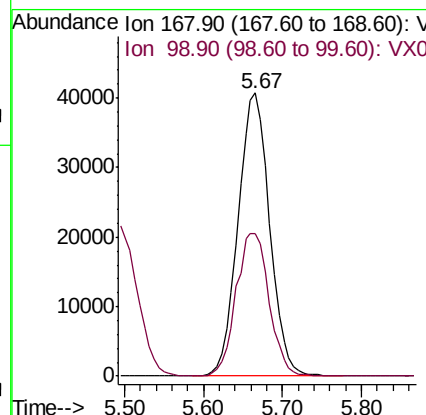
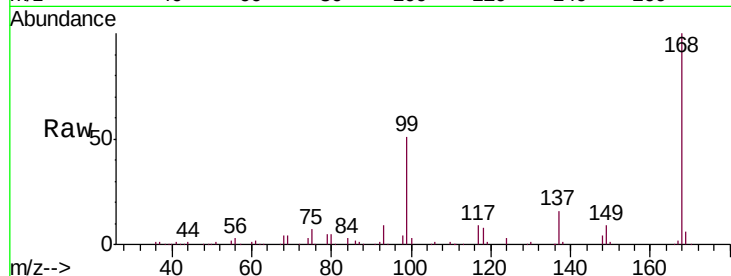
#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.67 min Scan# 833  
Delta R.T. 0.00 min  
Lab File: VX003650.D  
Acq: 25 Jul 2018 10:15

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 99      | 50.5  | 49.5  | 74.3  |

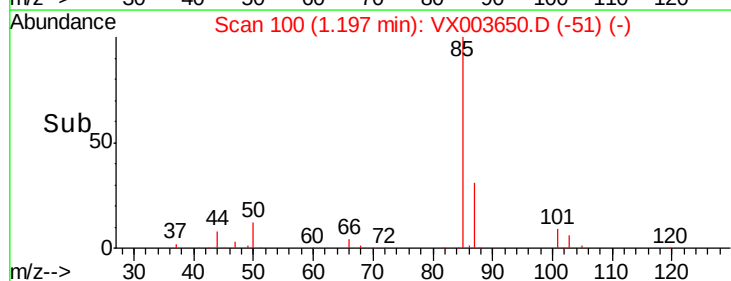
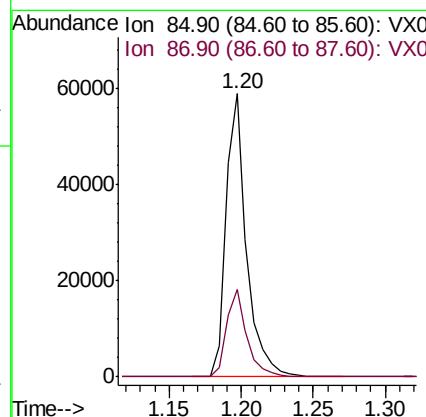
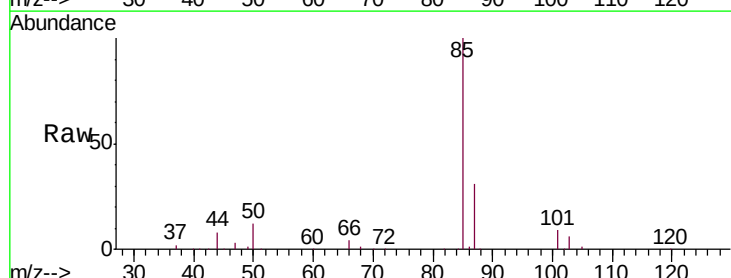
Manual Integrations  
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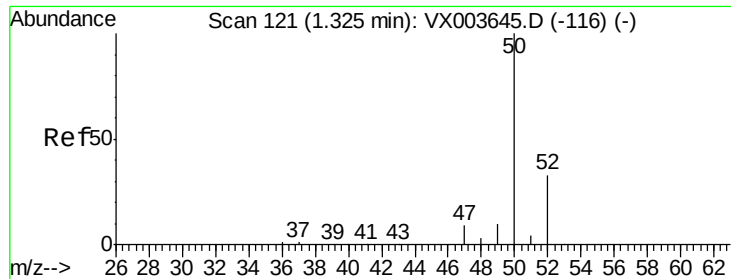
MMDadoda  
7/27/2018 5:29:31 PM



#2  
Dichlorodifluoromethane  
Concen: 45.59 ug/l  
RT: 1.20 min Scan# 100  
Delta R.T. 0.00 min  
Lab File: VX003650.D  
Acq: 25 Jul 2018 10:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 85      | 100   |       |       |
| 87      | 31.0  | 16.5  | 49.5  |





#3

Chloromethane

Concen: 44.61 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003650.D

Acq: 25 Jul 2018 10:15

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 75935

Ion Ratio Lower Upper

50 100

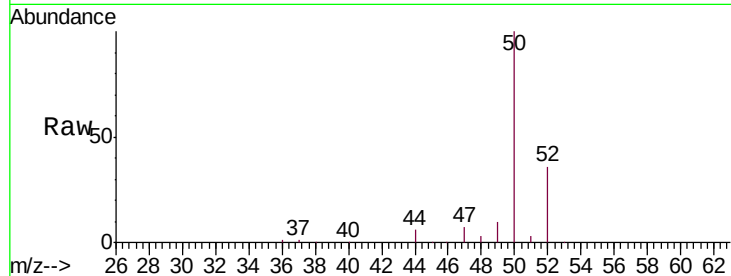
52 35.9 26.3 39.5

Manual Integrations

APPROVED

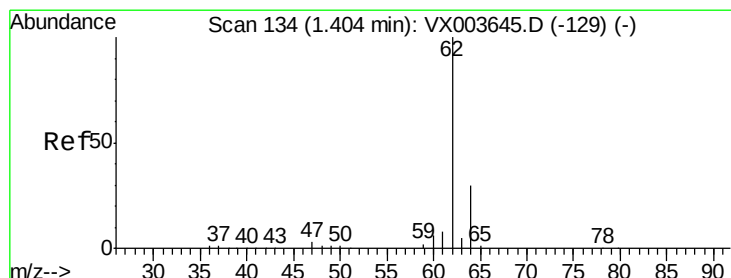
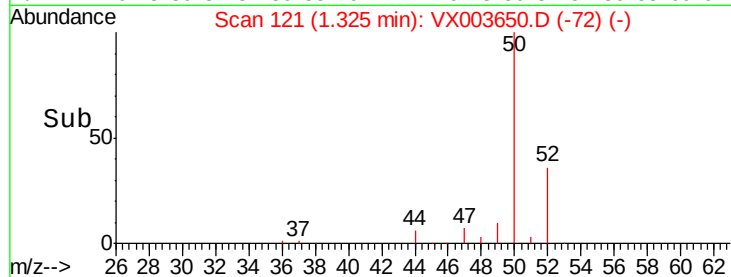
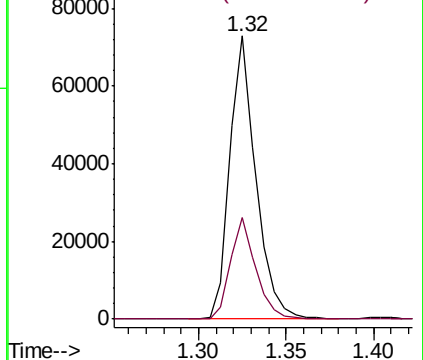
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7/27/2018 5:29:31 PM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 46.50 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003650.D

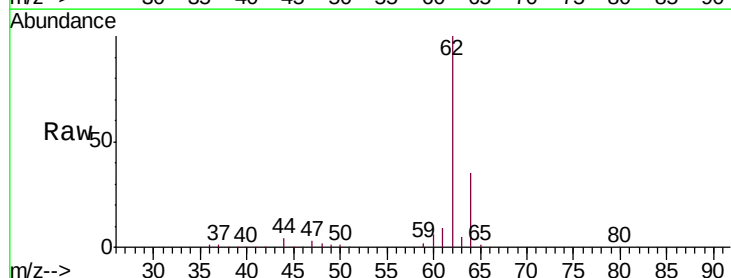
Acq: 25 Jul 2018 10:15

Tgt Ion: 62 Resp: 80963

Ion Ratio Lower Upper

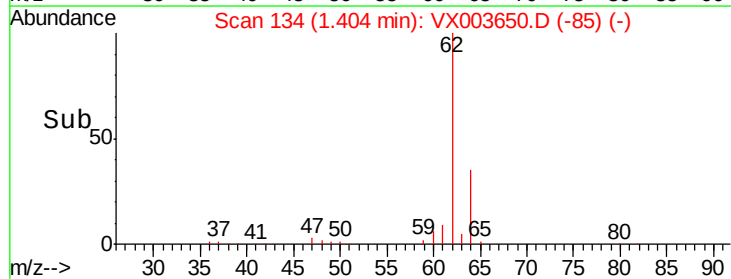
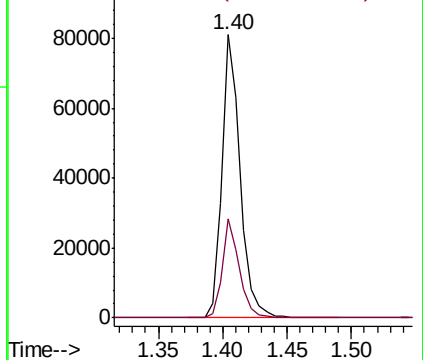
62 100

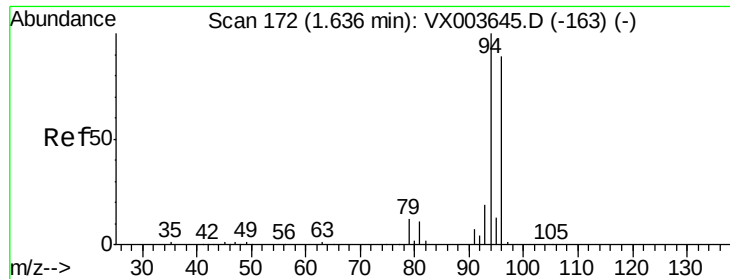
64 35.0 24.4 36.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 57.47 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003650.D

Acq: 25 Jul 2018 10:15

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 48317

Ion Ratio Lower Upper

94 100

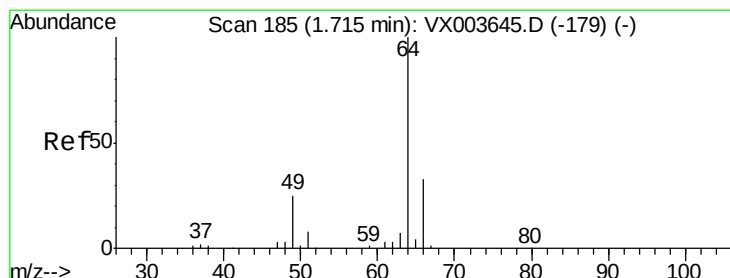
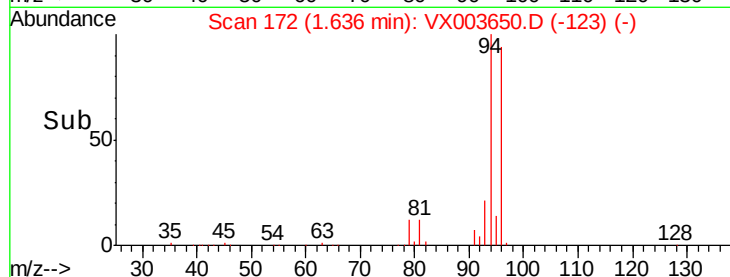
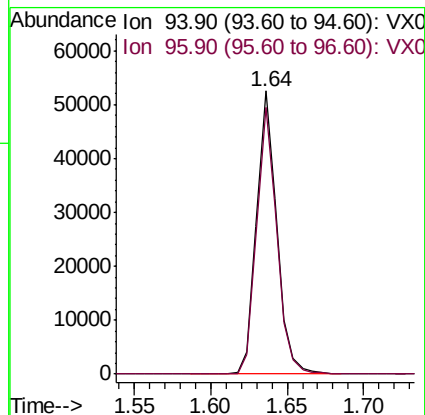
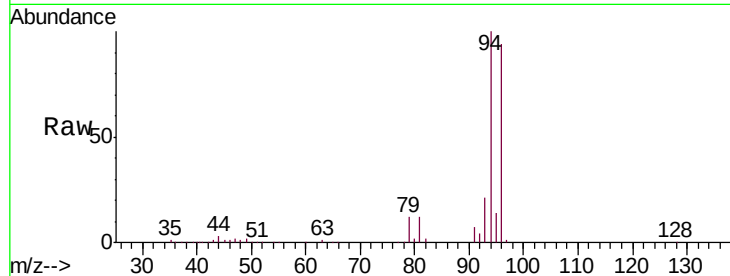
96 94.1 71.3 106.9

Manual Integrations

APPROVED

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7/27/2018 5:29:31 PM



#6

Chloroethane

Concen: 42.15 ug/l

RT: 1.72 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX003650.D

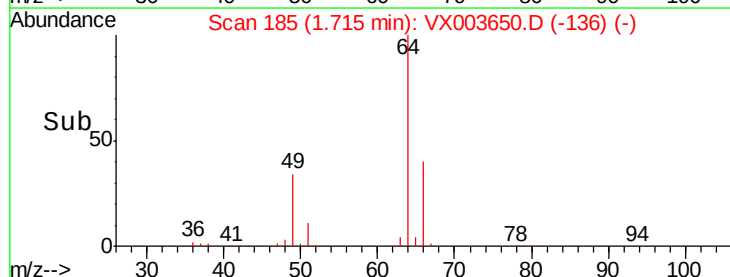
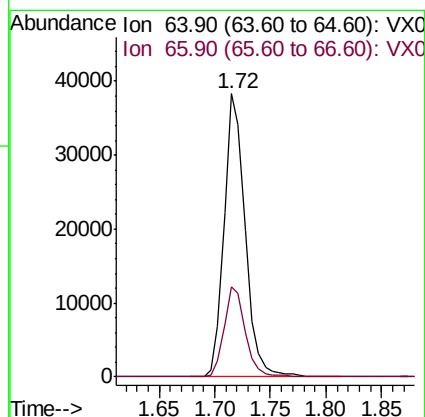
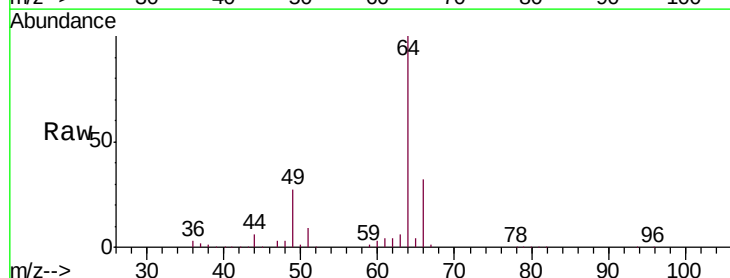
Acq: 25 Jul 2018 10:15

Tgt Ion: 64 Resp: 50301

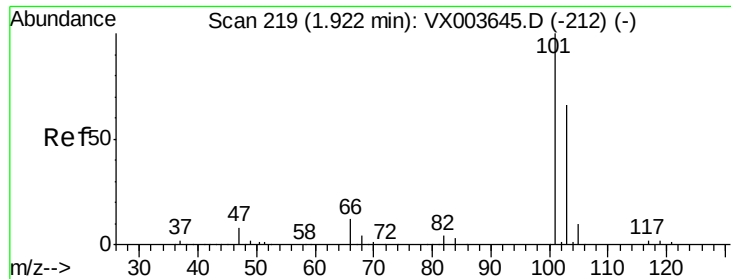
Ion Ratio Lower Upper

64 100

66 31.7 26.3 39.5







#7

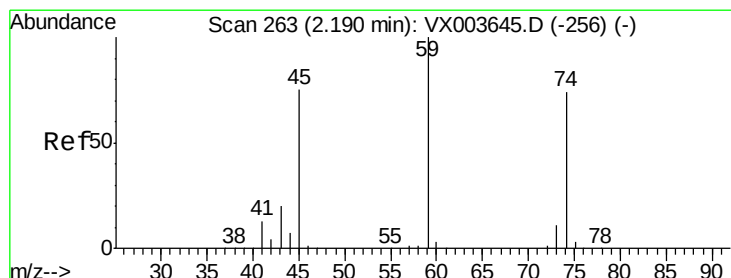
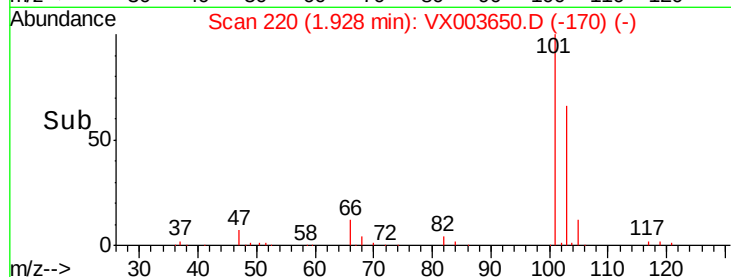
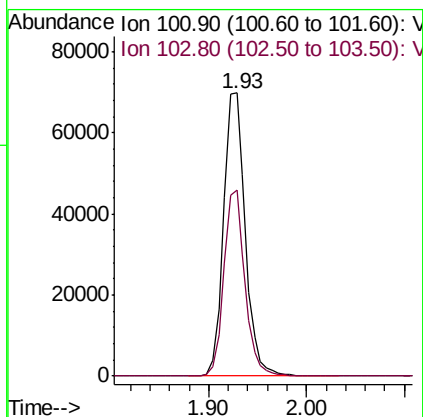
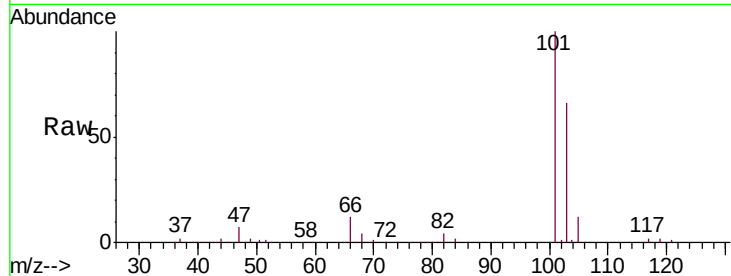
Trichlorofluoromethane  
Concen: 48.01 ug/l  
RT: 1.93 min Scan# 220  
Delta R.T. 0.01 min  
Lab File: VX003650.D  
Acq: 25 Jul 2018 10:15

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion:101 Resp: 107598  
Ion Ratio Lower Upper  
101 100  
103 65.9 53.2 79.8

Manual Integrations  
APPROVED

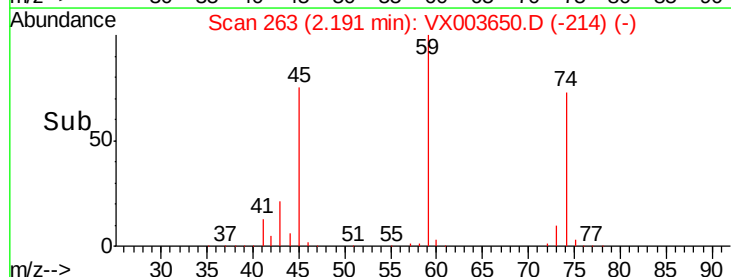
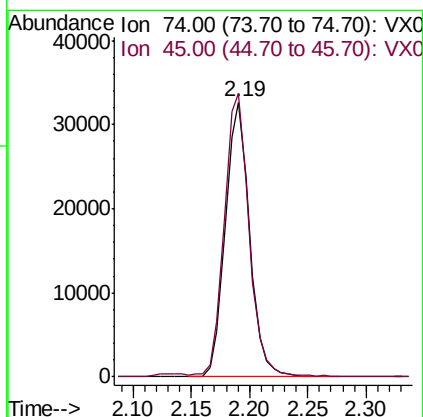
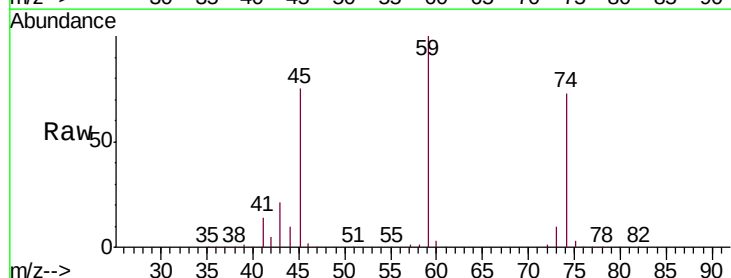
MMDadoda  
7/27/2018 5:29:31 PM



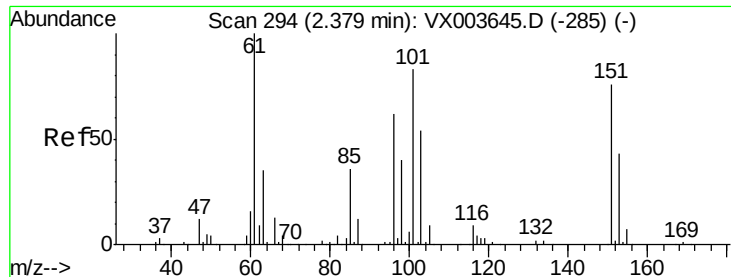
#8

Diethyl Ether  
Concen: 48.03 ug/l  
RT: 2.19 min Scan# 263  
Delta R.T. 0.00 min  
Lab File: VX003650.D  
Acq: 25 Jul 2018 10:15

Tgt Ion: 74 Resp: 47164  
Ion Ratio Lower Upper  
74 100  
45 104.7 51.0 153.1







#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.54 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003650.D

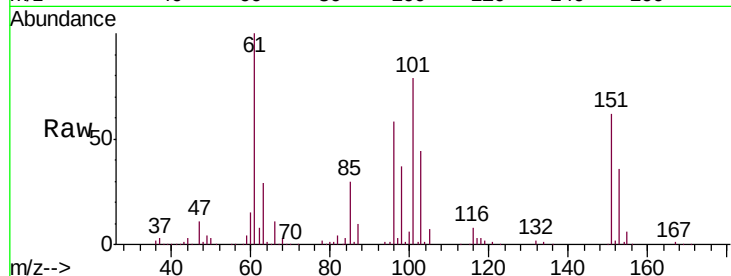
Acq: 25 Jul 2018 10:15

Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 85      | 42.3  | 34.6  | 52.0  |
| 151     | 80.4  | 67.5  | 101.3 |

Manual Integrations  
APPROVED

MMDadoda  
7/27/2018 5:29:31 PM

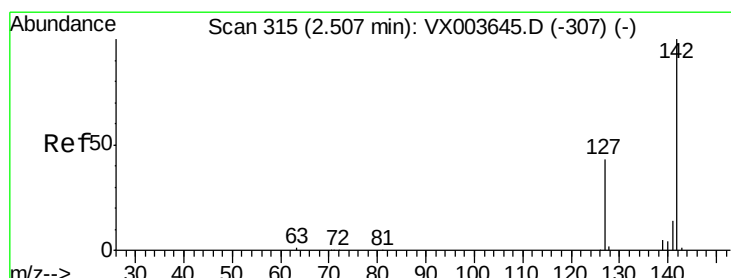
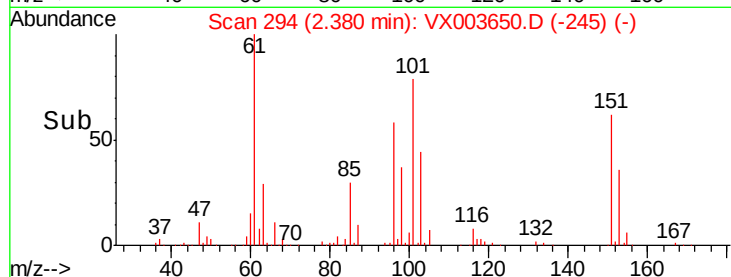
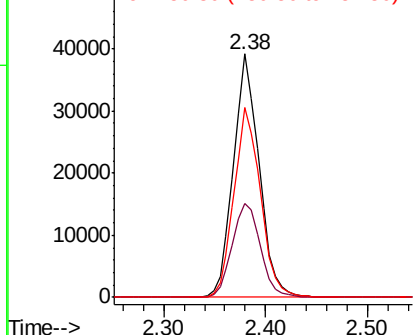


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.98 ug/l

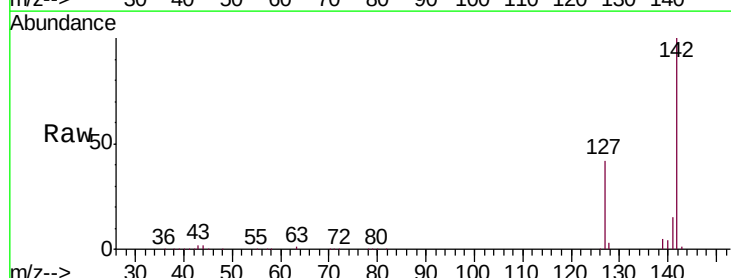
RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX003650.D

Acq: 25 Jul 2018 10:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 127     | 42.9  | 34.0  | 51.0  |
| 141     | 14.3  | 11.3  | 16.9  |

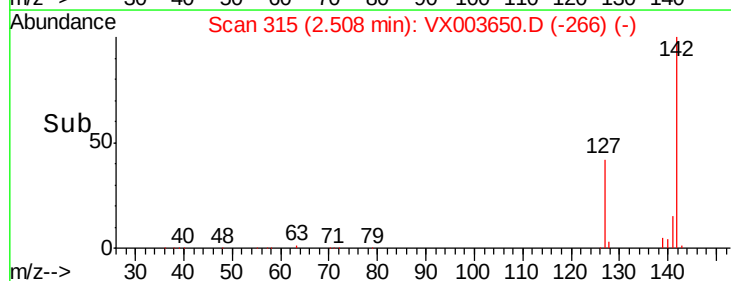
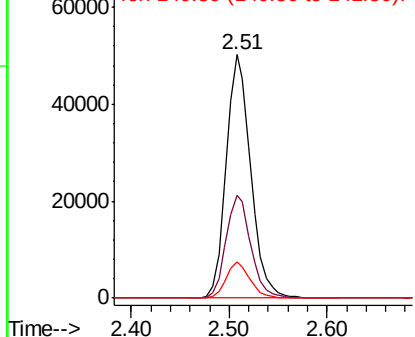


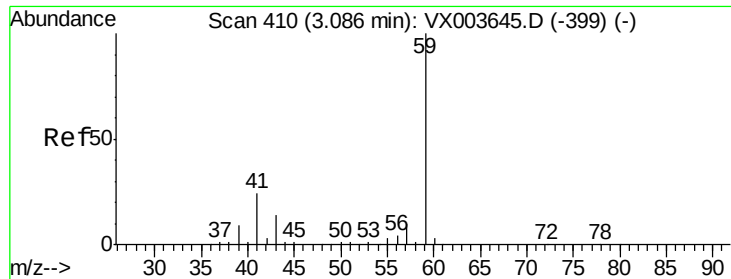
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

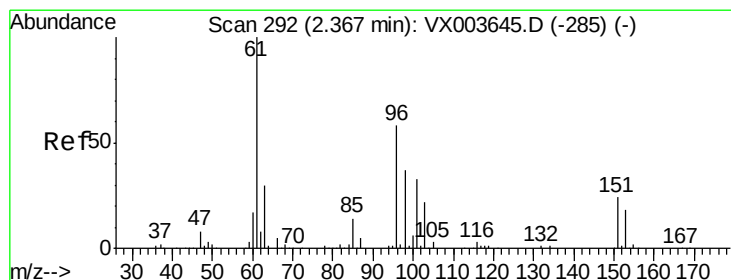
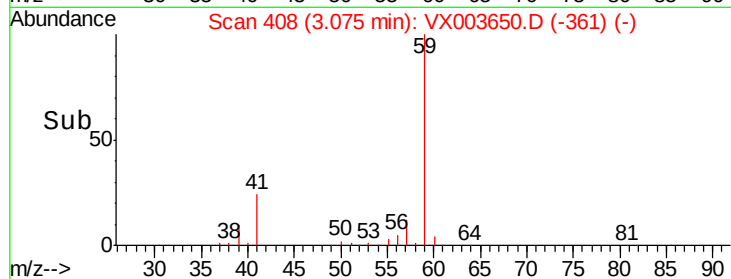
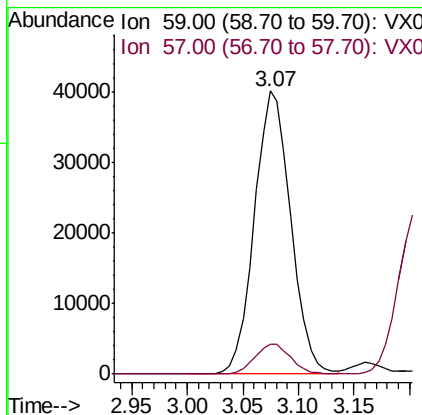
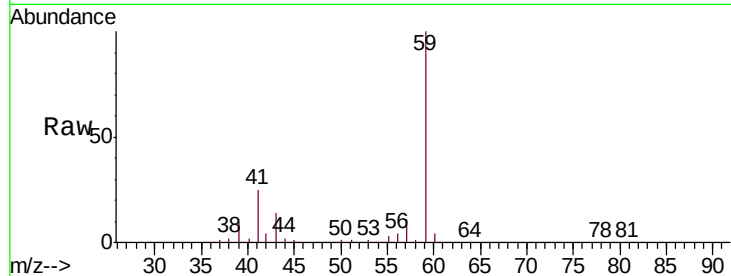
Tert butyl alcohol  
 Concen: 227.21 ug/l  
 RT: 3.07 min Scan# 408  
 Delta R.T. -0.01 min  
 Lab File: VX003650.D  
 Acq: 25 Jul 2018 10:15

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.6  | 8.2   | 12.4  |

Manual Integrations  
 APPROVED

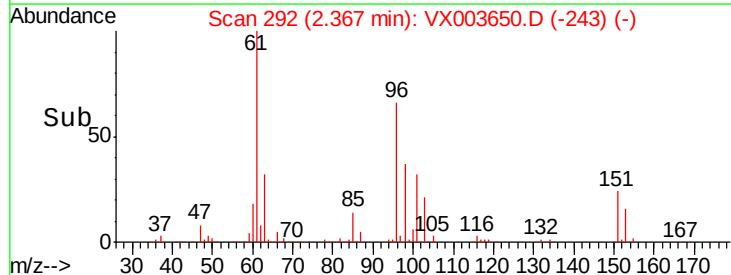
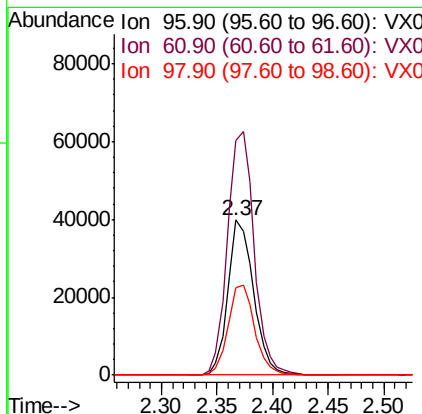
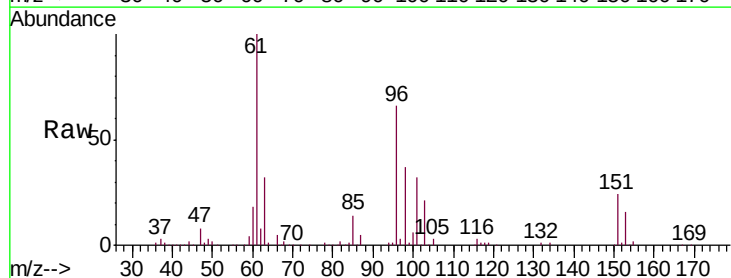
MMDadoda  
 7/27/2018 5:29:31 PM

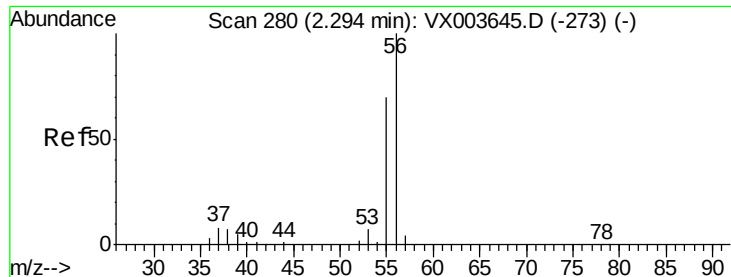


#12

1,1-Dichloroethene  
 Concen: 48.75 ug/l  
 RT: 2.37 min Scan# 292  
 Delta R.T. 0.00 min  
 Lab File: VX003650.D  
 Acq: 25 Jul 2018 10:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 151.5 | 138.8 | 208.2 |
| 98      | 56.3  | 51.4  | 77.2  |





#13

Acrolein

Concen: 226.02 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003650.D

Acq: 25 Jul 2018 10:15

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 45837

Ion Ratio Lower Upper

56 100

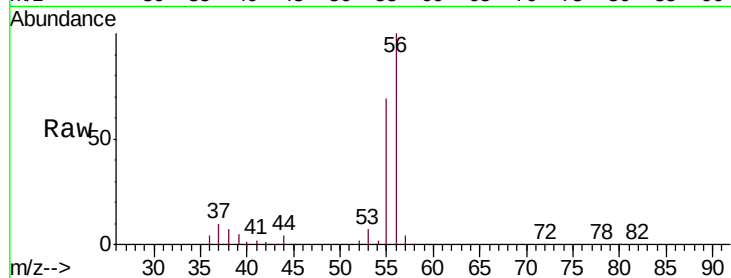
55 71.6 55.4 83.2

Manual Integrations

APPROVED

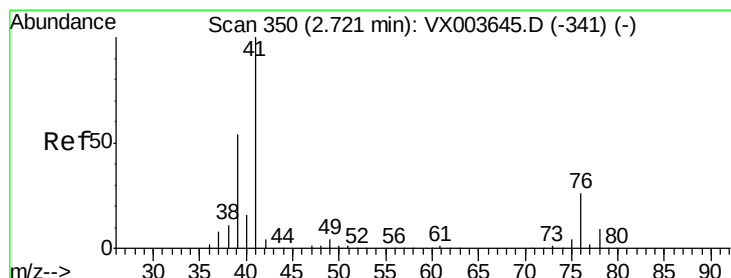
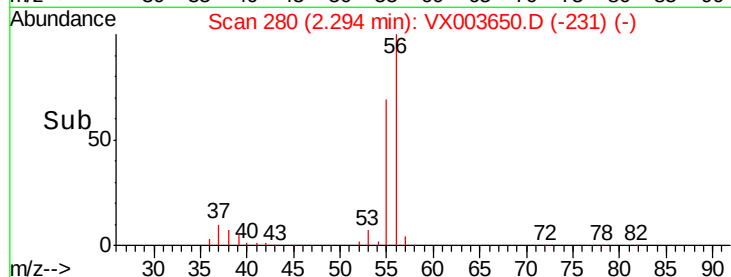
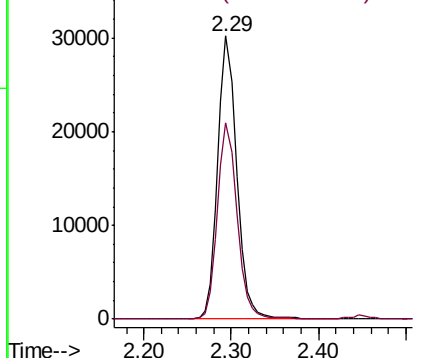
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 47.48 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.01 min

Lab File: VX003650.D

Acq: 25 Jul 2018 10:15

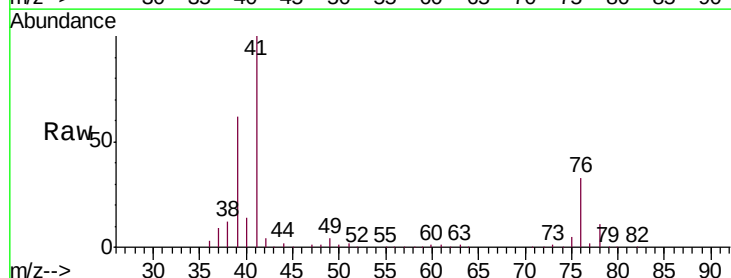
Tgt Ion: 41 Resp: 129881

Ion Ratio Lower Upper

41 100

39 59.0 45.3 67.9

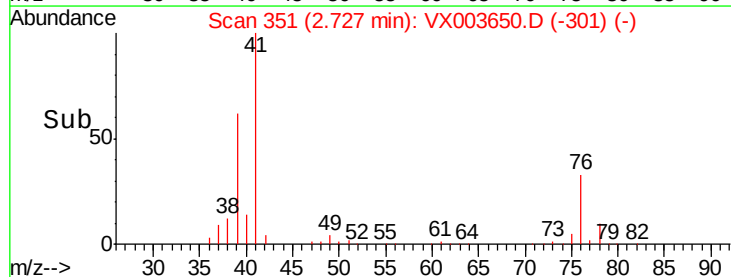
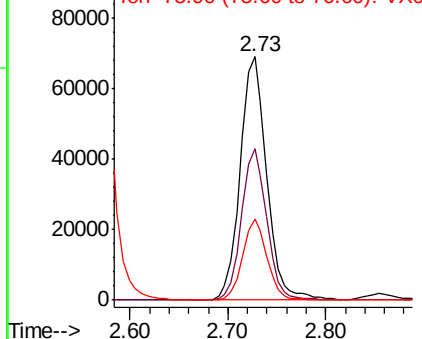
76 30.7 23.8 35.6

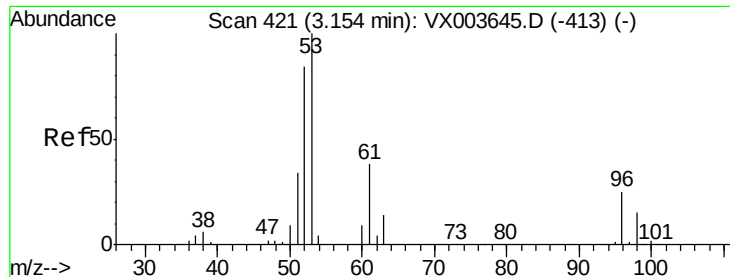


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





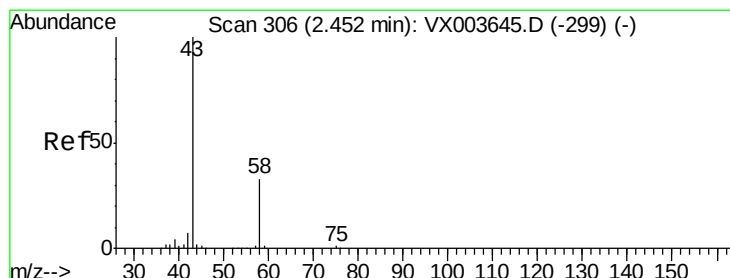
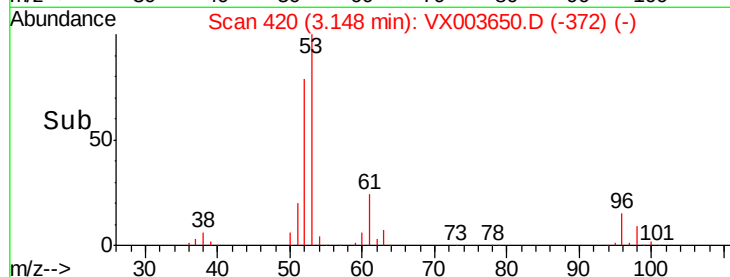
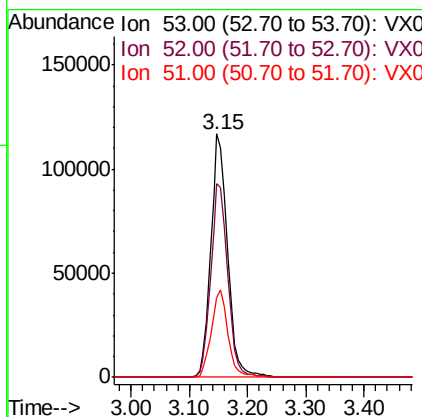
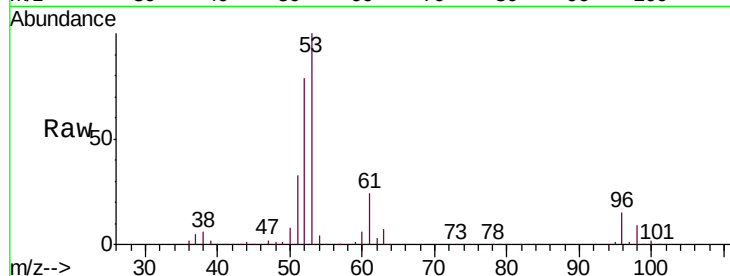
#15  
 Acrylonitrile  
 Concen: 238.73 ug/l  
 RT: 3.15 min Scan# 420  
 Delta R.T. -0.01 min  
 Lab File: VX003650.D  
 Acq: 25 Jul 2018 10:15

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 53      | 100   |       |       |
| 52      | 80.9  | 66.1  | 99.1  |
| 51      | 35.9  | 28.2  | 42.4  |

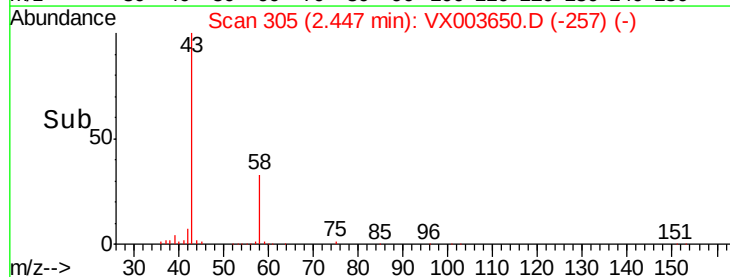
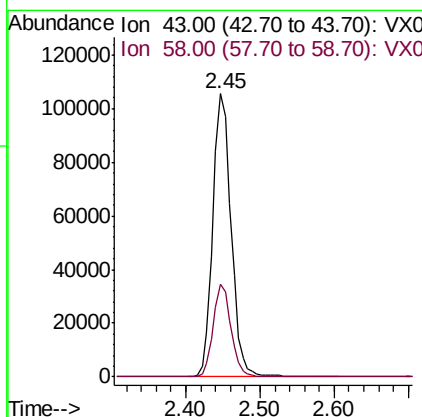
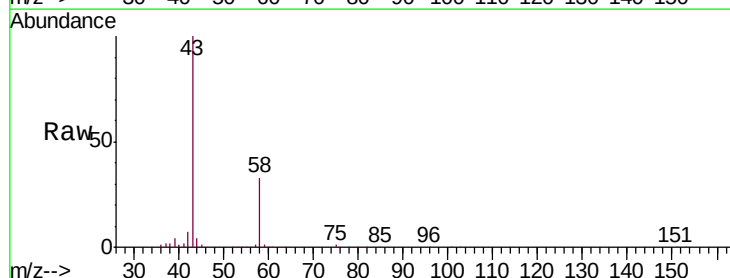
Manual Integrations  
 APPROVED

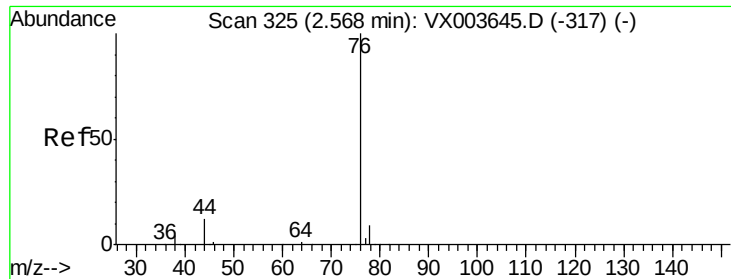
MMDadoda  
 7/27/2018 5:29:31 PM



#16  
 Acetone  
 Concen: 225.34 ug/l  
 RT: 2.45 min Scan# 305  
 Delta R.T. -0.01 min  
 Lab File: VX003650.D  
 Acq: 25 Jul 2018 10:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 32.6  | 26.1  | 39.1  |





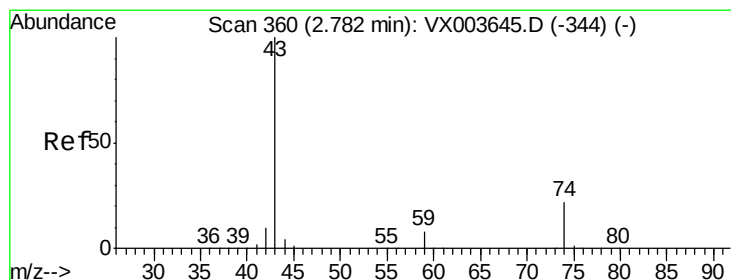
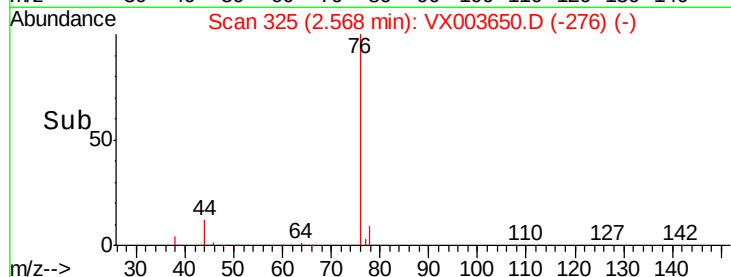
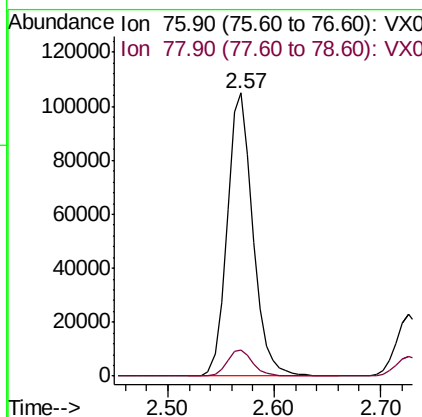
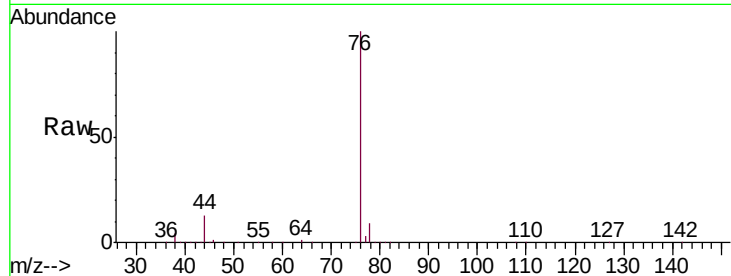
#17  
Carbon Disulfide  
Concen: 46.88 ug/l  
RT: 2.57 min Scan# 325  
Delta R.T. 0.00 min  
Lab File: VX003650.D  
Acq: 25 Jul 2018 10:15

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.2   | 7.4   | 11.0  |

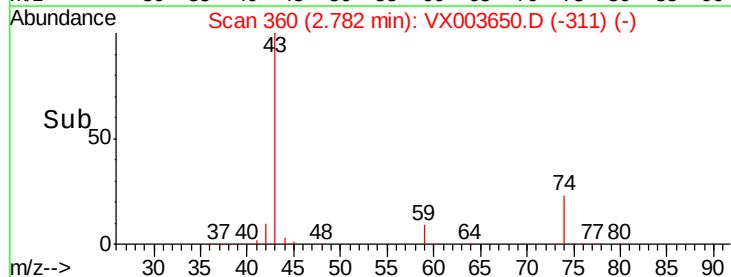
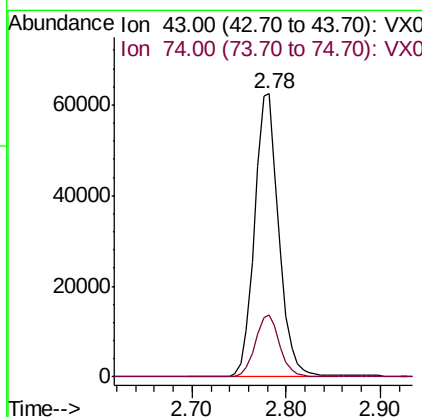
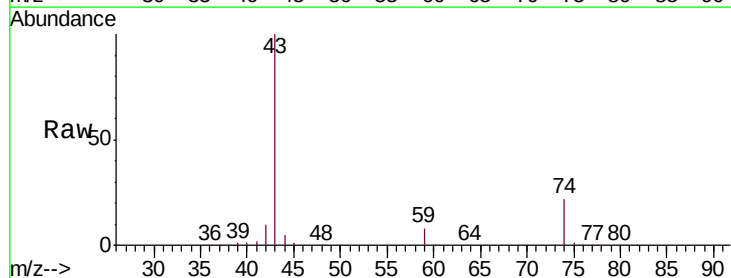
Manual Integrations  
APPROVED

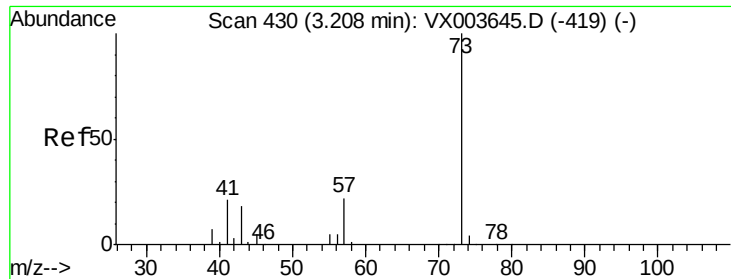
MMDadoda  
7/27/2018 5:29:31 PM



#18  
Methyl Acetate  
Concen: 47.39 ug/l  
RT: 2.78 min Scan# 360  
Delta R.T. 0.00 min  
Lab File: VX003650.D  
Acq: 25 Jul 2018 10:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 22.1  | 17.8  | 26.8  |





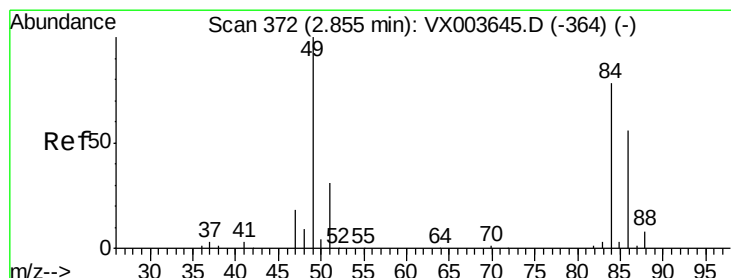
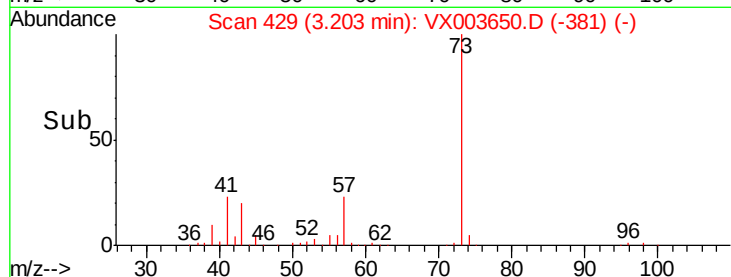
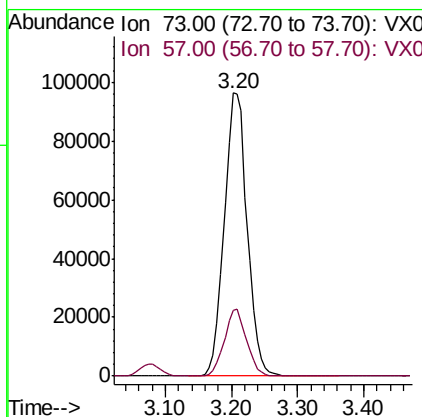
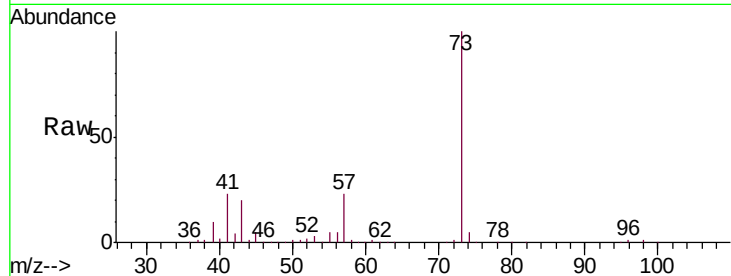
#19  
Methyl tert-butyl Ether  
Concen: 49.88 ug/l  
RT: 3.20 min Scan# 429  
Delta R.T. -0.01 min  
Lab File: VX003650.D  
Acq: 25 Jul 2018 10:15

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 73 Resp: 231181  
Ion Ratio Lower Upper  
73 100  
57 23.5 17.4 26.2

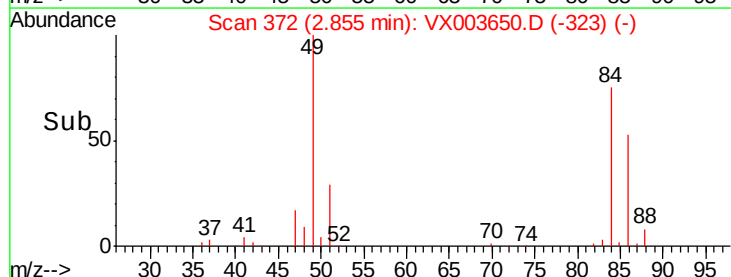
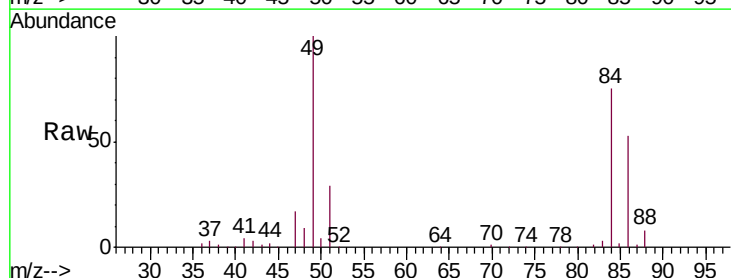
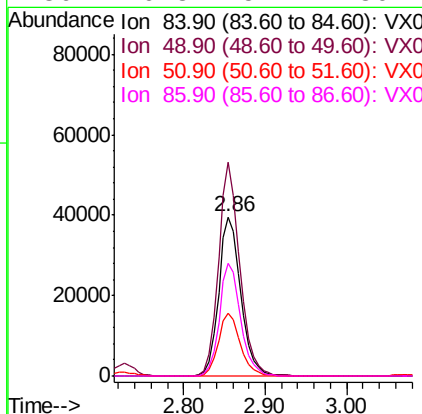
Manual Integrations  
APPROVED

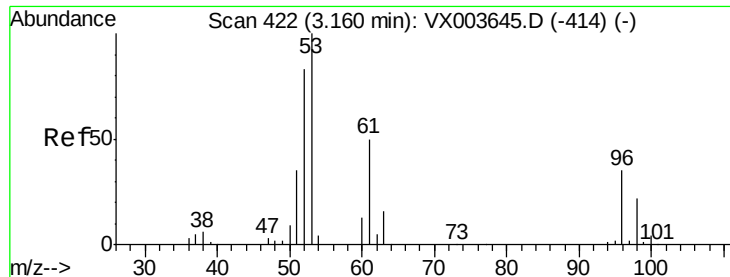
MMDadoda  
7/27/2018 5:29:31 PM



#20  
Methylene Chloride  
Concen: 47.42 ug/l  
RT: 2.86 min Scan# 372  
Delta R.T. 0.00 min  
Lab File: VX003650.D  
Acq: 25 Jul 2018 10:15

Tgt Ion: 84 Resp: 74199  
Ion Ratio Lower Upper  
84 100  
49 134.2 102.3 153.5  
51 39.1 31.8 47.8  
86 70.8 57.4 86.2





#21

trans-1,2-Dichloroethene

Concen: 47.19 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX003650.D

Acq: 25 Jul 2018 10:15

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 66595

Ion Ratio Lower Upper

96 100

61 144.7 115.0 172.4

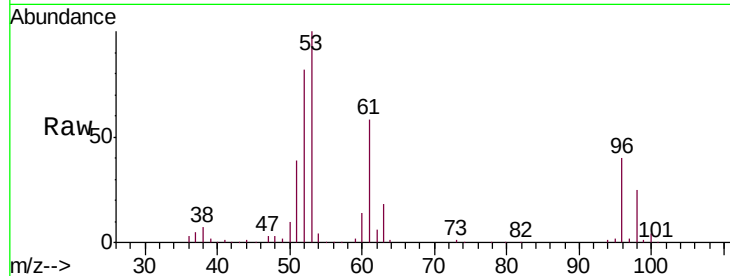
98 62.3 49.7 74.5

Manual Integrations

APPROVED

MMDadoda

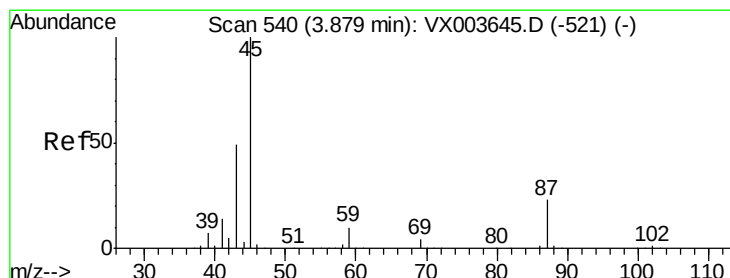
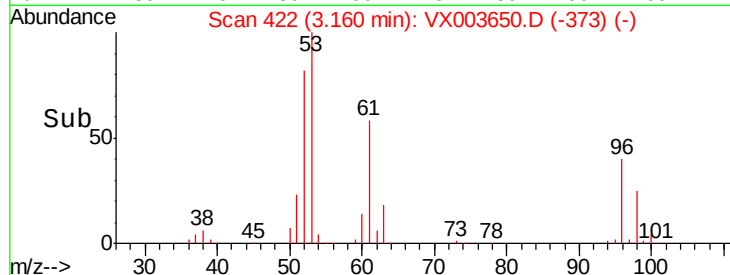
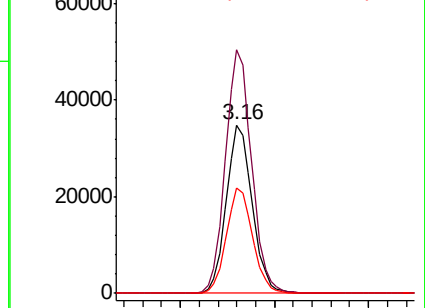
7/27/2018 5:29:31 PM



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: 47.02 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.01 min

Lab File: VX003650.D

Acq: 25 Jul 2018 10:15

Tgt Ion: 45 Resp: 234891

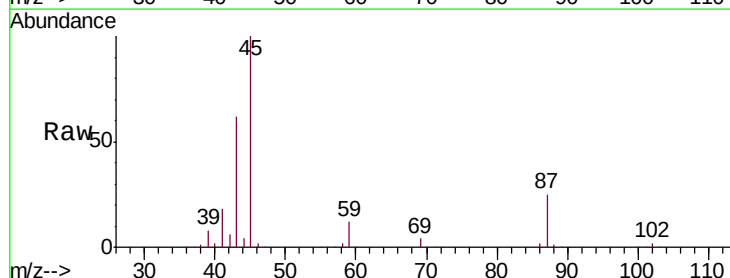
Ion Ratio Lower Upper

45 100

43 61.4 39.0 58.4#

87 24.8 18.4 27.6

59 12.2 7.8 11.8#

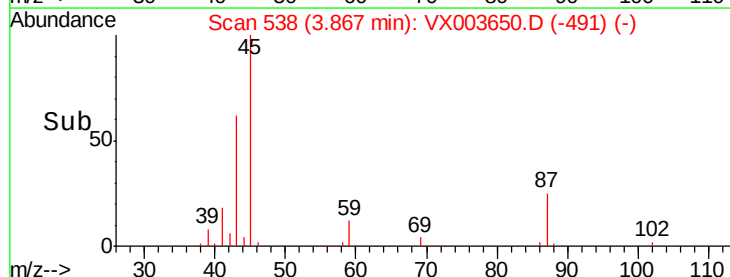
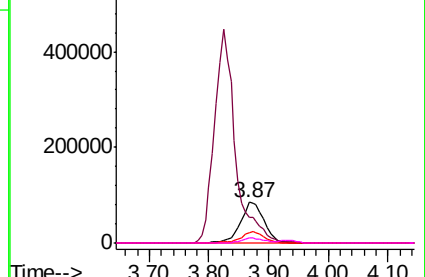


Abundance Ion 45.00 (44.70 to 45.70): VX0

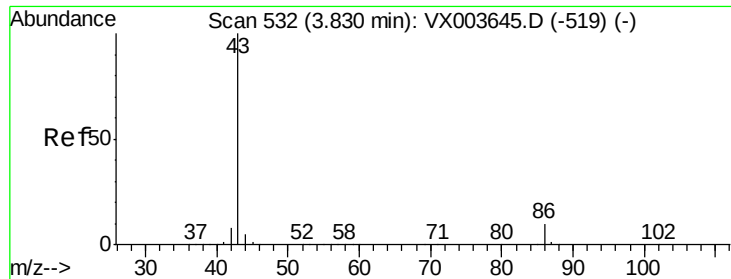
Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0







#23

Vinyl Acetate

Concen: 253.95 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX003650.D

Acq: 25 Jul 2018 10:15

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1086660

Ion Ratio Lower Upper

43 100

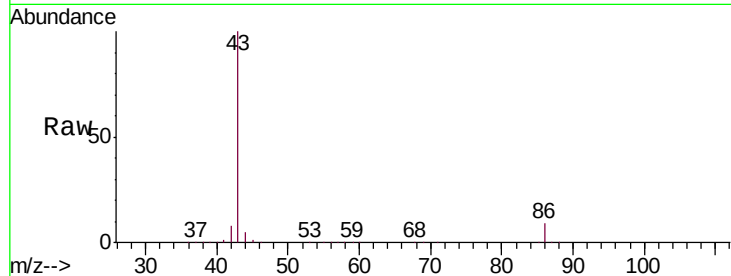
86 8.9 7.7 11.5

Manual Integrations

APPROVED

MMDadoda

7/27/2018 5:29:31 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

400000

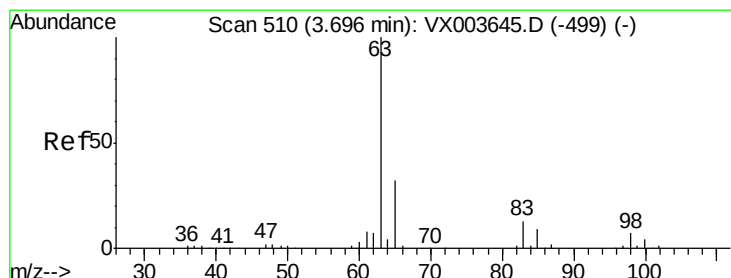
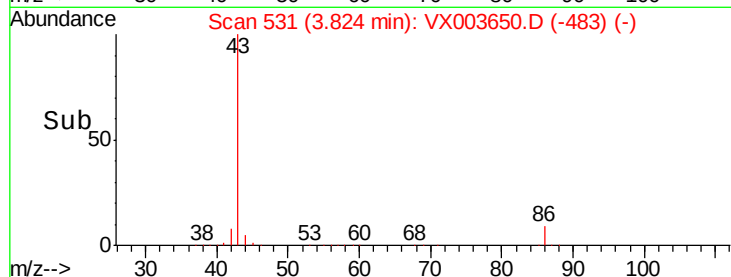
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 46.65 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003650.D

Acq: 25 Jul 2018 10:15

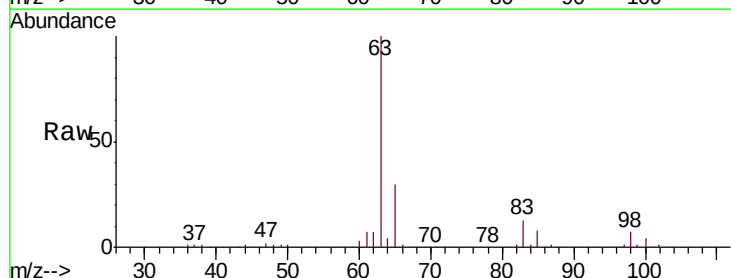
Tgt Ion: 63 Resp: 131345

Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.8

100 3.8 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

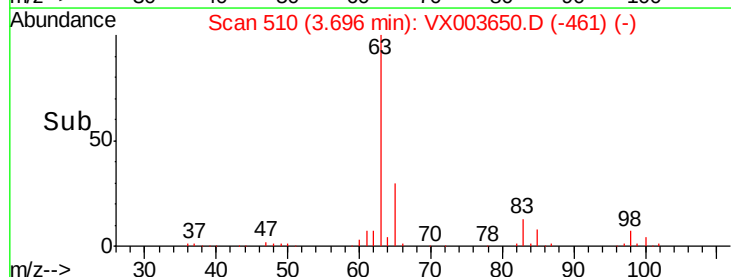
60000

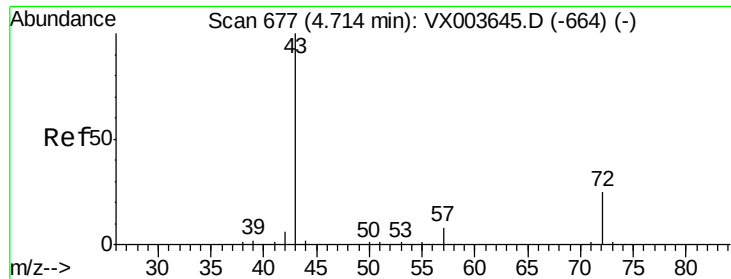
40000

20000

0

Time-->





#25

2-Butanone

Concen: 234.92 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX003650.D

Acq: 25 Jul 2018 10:15

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 286567

Ion Ratio Lower Upper

43 100

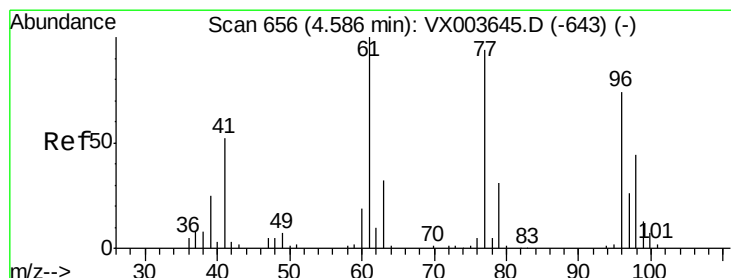
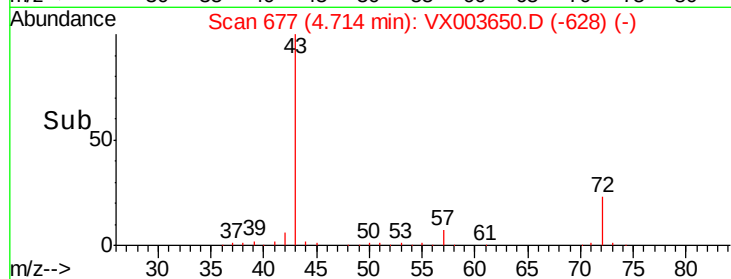
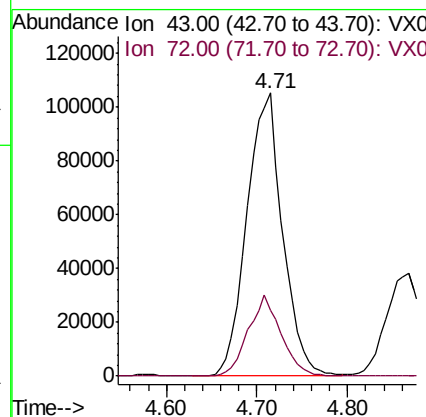
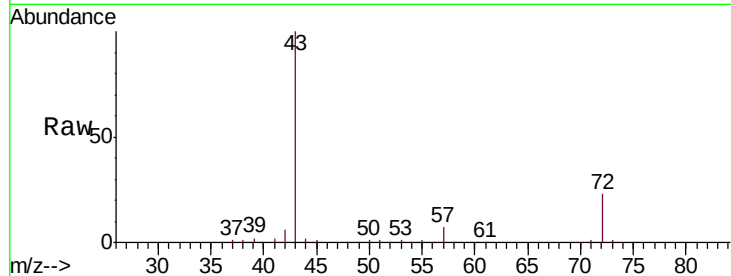
72 23.0 20.2 30.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 52.45 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003650.D

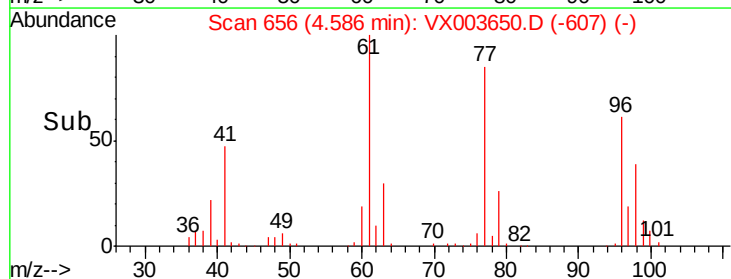
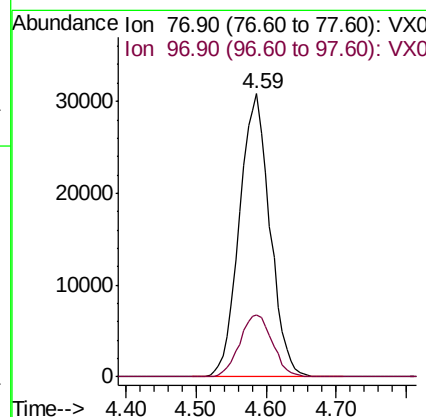
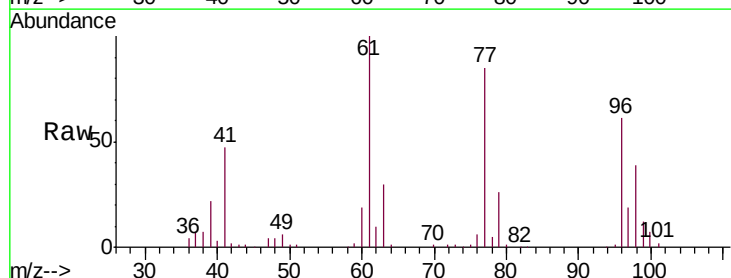
Acq: 25 Jul 2018 10:15

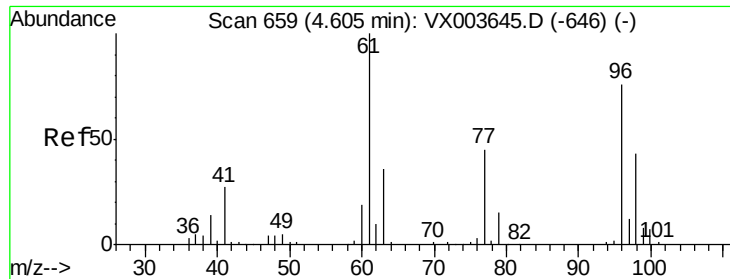
Tgt Ion: 77 Resp: 93364

Ion Ratio Lower Upper

77 100

97 23.6 12.0 36.0





#27

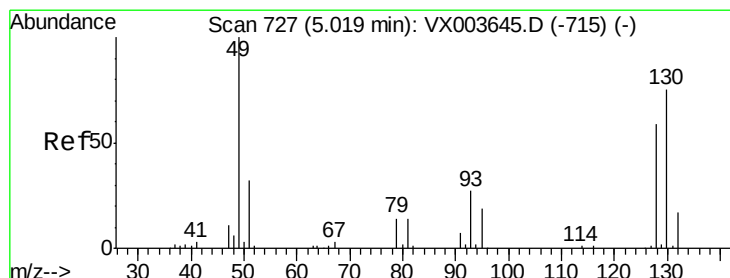
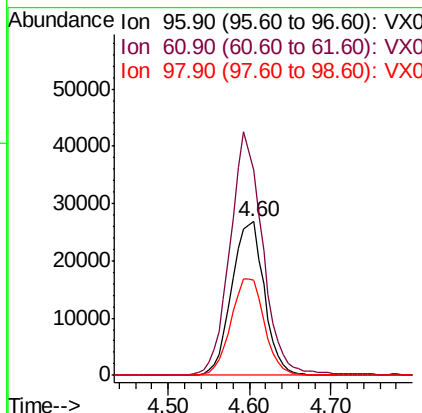
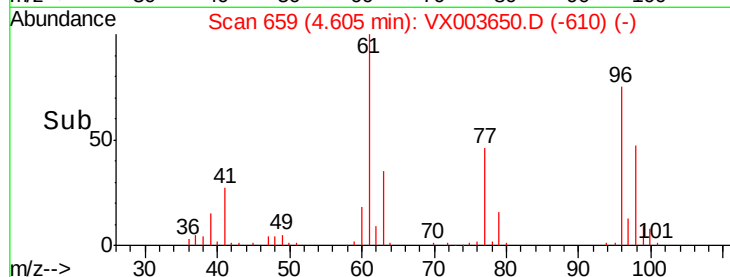
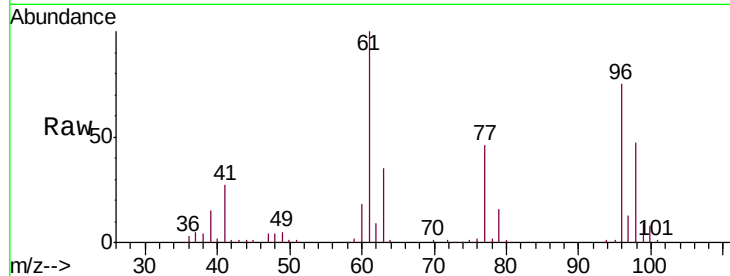
cis-1,2-Dichloroethene  
Concen: 48.36 ug/l  
RT: 4.60 min Scan# 659  
Delta R.T. 0.00 min  
Lab File: VX003650.D  
Acq: 25 Jul 2018 10:15

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 159.0 | 0.0   | 313.6 |
| 98      | 64.6  | 0.0   | 125.6 |

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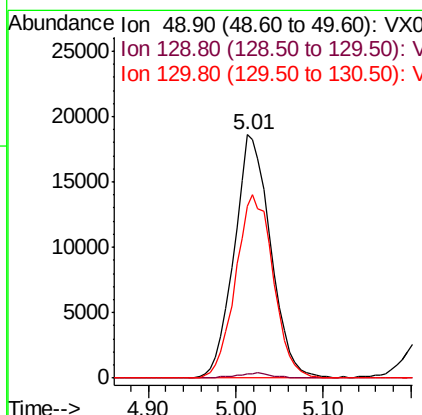
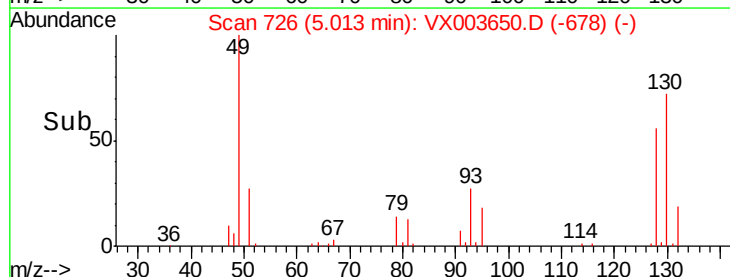
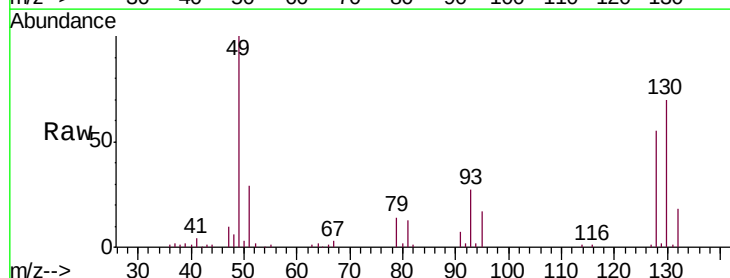
MMDadoda  
7/27/2018 5:29:31 PM

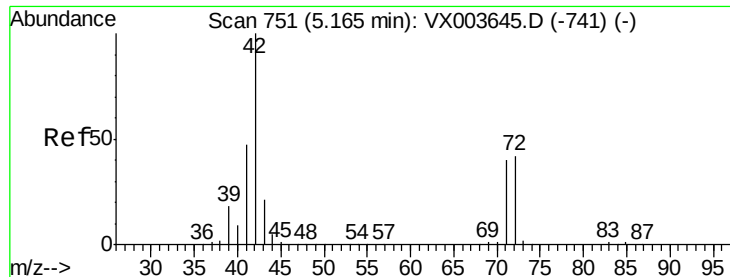


#28

Bromochloromethane  
Concen: 47.72 ug/l  
RT: 5.01 min Scan# 726  
Delta R.T. -0.01 min  
Lab File: VX003650.D  
Acq: 25 Jul 2018 10:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.0   | 0.0   | 4.2   |
| 130     | 77.5  | 61.0  | 91.6  |





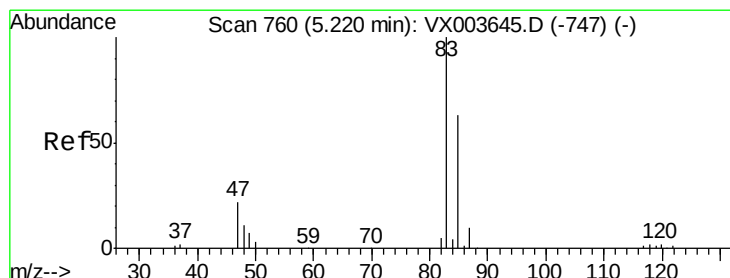
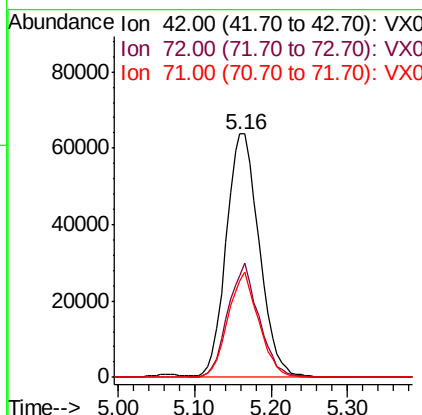
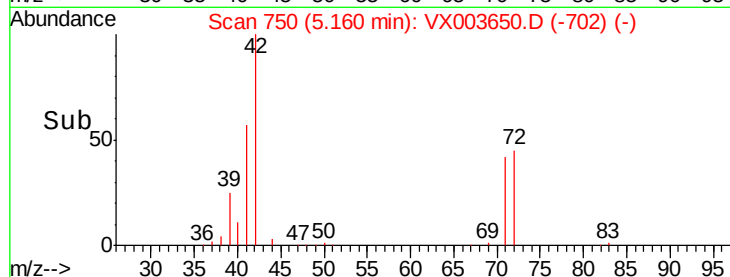
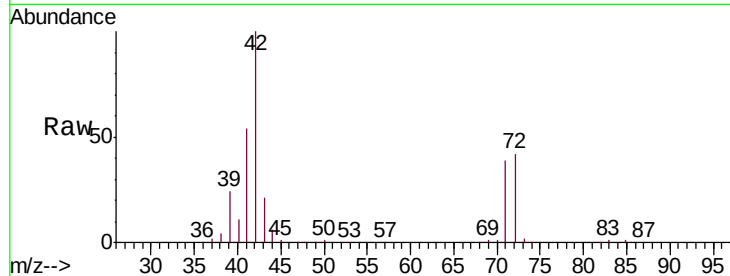
#29  
Tetrahydrofuran  
Concen: 239.20 ug/l  
RT: 5.16 min Scan# 750  
Delta R.T. -0.01 min  
Lab File: VX003650.D  
Acq: 25 Jul 2018 10:15

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 44.2  | 33.4  | 50.0  |
| 71      | 40.3  | 31.0  | 46.6  |

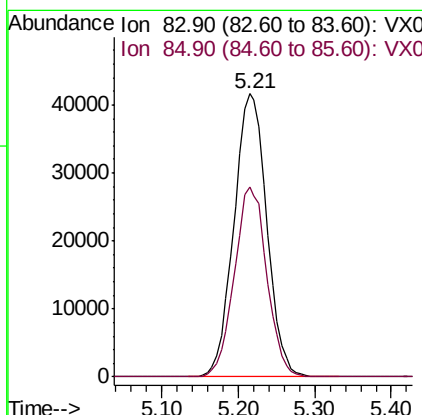
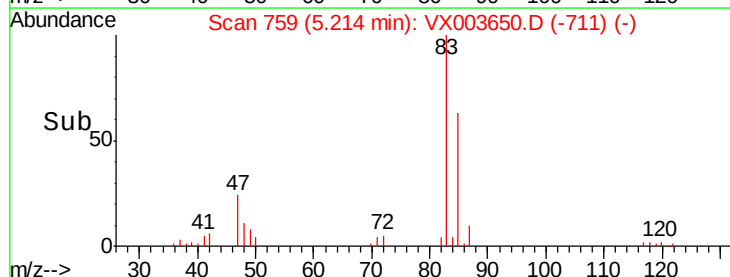
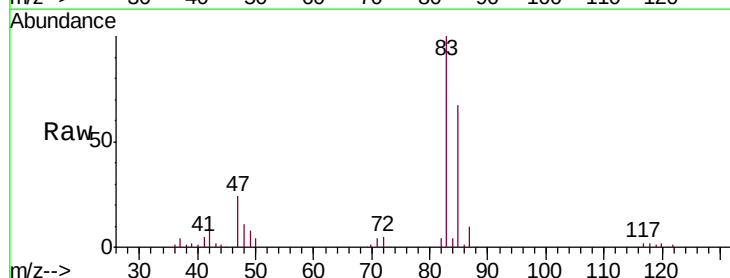
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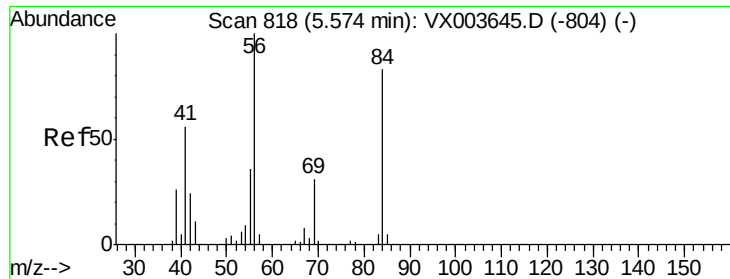
MMDadoda  
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#30  
Chloroform  
Concen: 48.42 ug/l  
RT: 5.21 min Scan# 759  
Delta R.T. -0.01 min  
Lab File: VX003650.D  
Acq: 25 Jul 2018 10:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 66.9  | 50.2  | 75.4  |





#31

Cyclohexane

Concen: 50.17 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX003650.D

Acq: 25 Jul 2018 10:15

Instrument :

MSVOA\_X

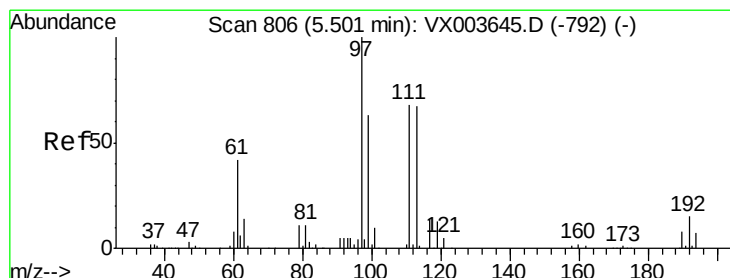
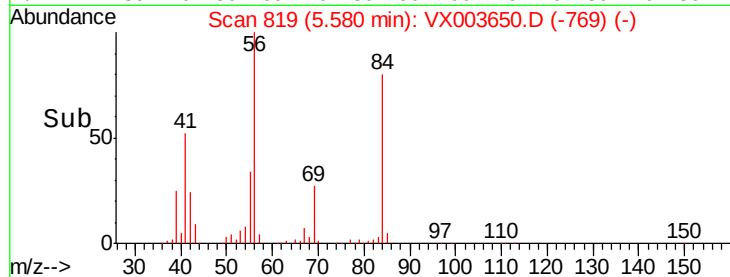
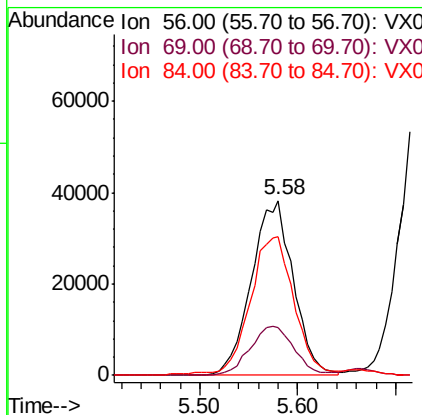
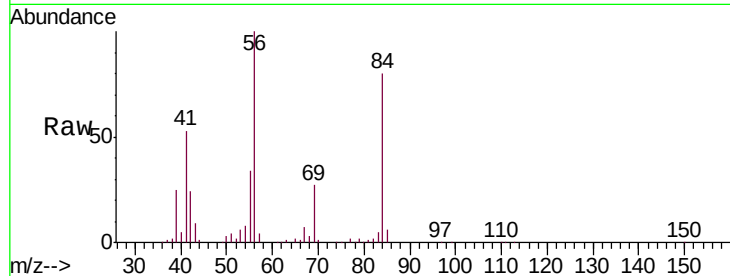
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 56    | Resp: | 113385 |
| Ion Ratio | Lower | Upper |        |
| 56        | 100   |       |        |
| 69        | 27.2  | 25.0  | 37.6   |
| 84        | 78.5  | 66.5  | 99.7   |

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#32

1,1,1-Trichloroethane

Concen: 48.46 ug/l

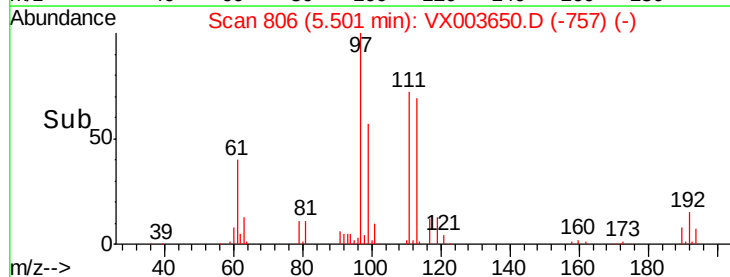
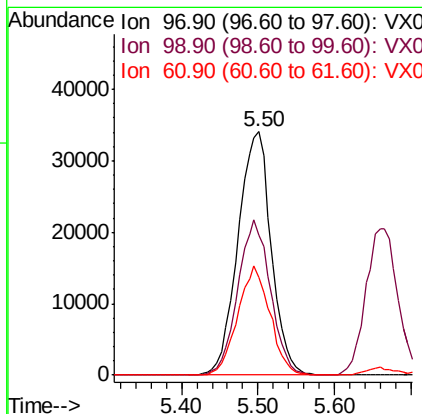
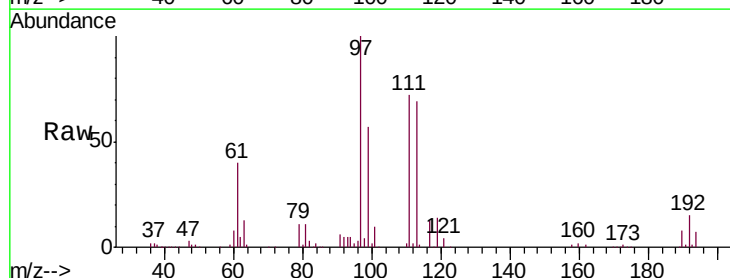
RT: 5.50 min Scan# 806

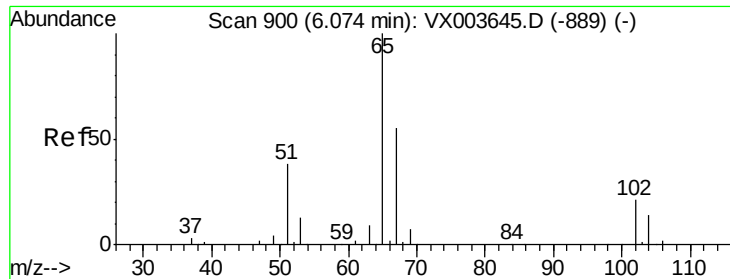
Delta R.T. 0.00 min

Lab File: VX003650.D

Acq: 25 Jul 2018 10:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 97    | Resp: | 102767 |
| Ion Ratio | Lower | Upper |        |
| 97        | 100   |       |        |
| 99        | 62.7  | 50.4  | 75.6   |
| 61        | 43.6  | 34.5  | 51.7   |





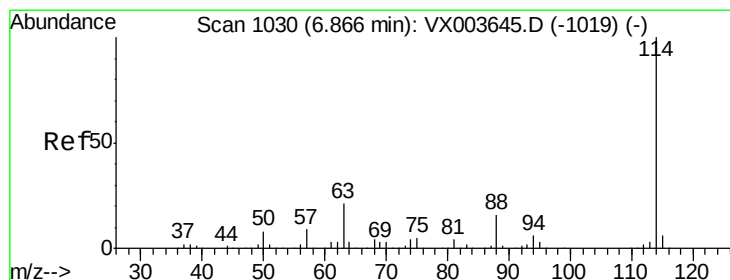
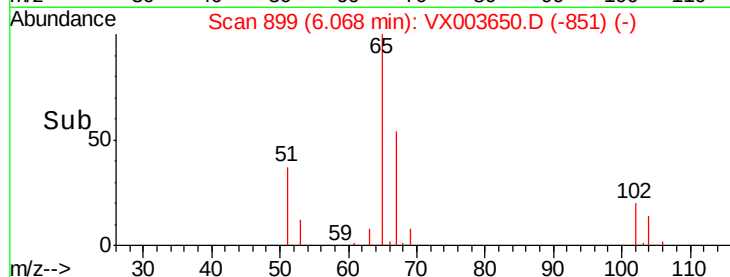
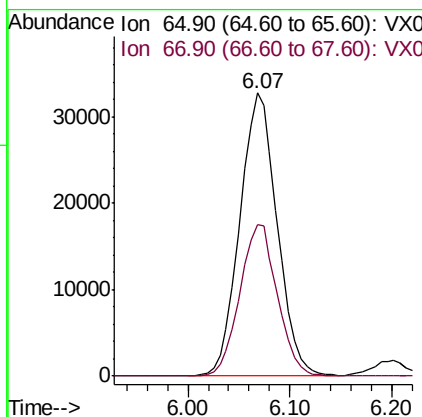
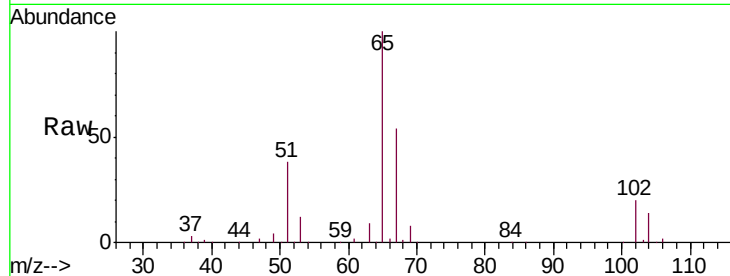
#33  
 1,2-Dichloroethane-d4  
 Concen: 49.47 ug/l  
 RT: 6.07 min Scan# 899  
 Delta R.T. -0.01 min  
 Lab File: VX003650.D  
 Acq: 25 Jul 2018 10:15

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 65 Resp: 83142  
 Ion Ratio Lower Upper  
 65 100  
 67 53.9 0.0 107.8

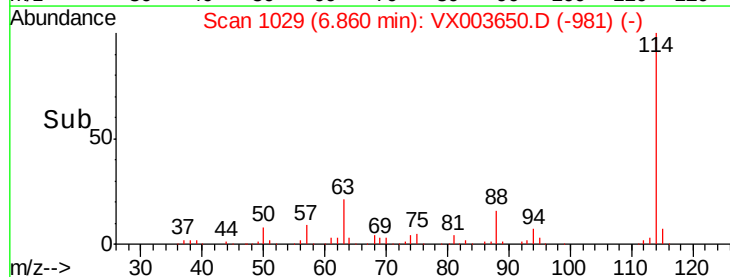
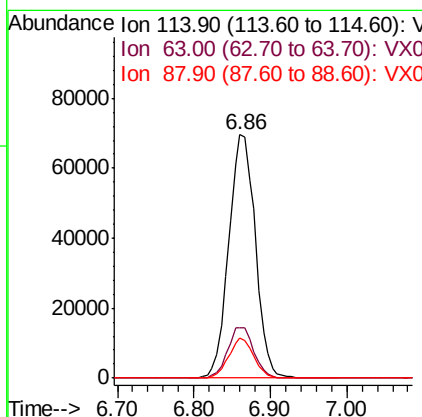
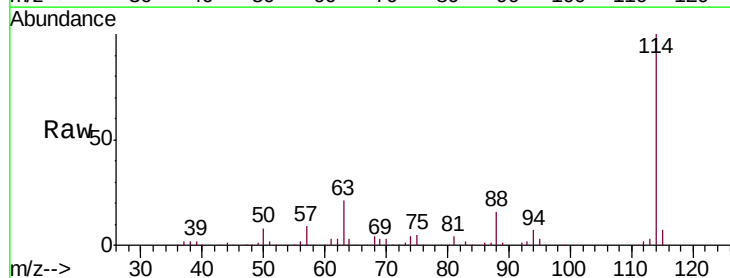
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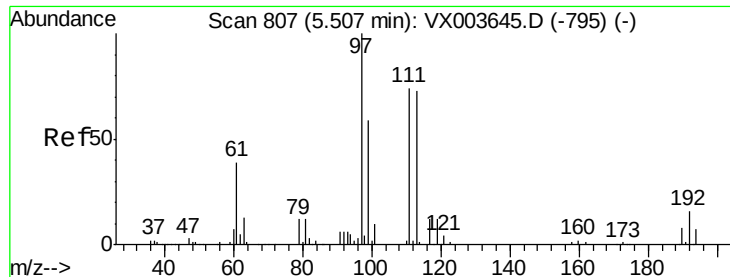
MMDadoda  
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#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.86 min Scan# 1029  
 Delta R.T. -0.01 min  
 Lab File: VX003650.D  
 Acq: 25 Jul 2018 10:15

Tgt Ion: 114 Resp: 167213  
 Ion Ratio Lower Upper  
 114 100  
 63 20.9 0.0 41.0  
 88 16.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 49.66 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX003650.D

Acq: 25 Jul 2018 10:15

Instrument :

MSVOA\_X

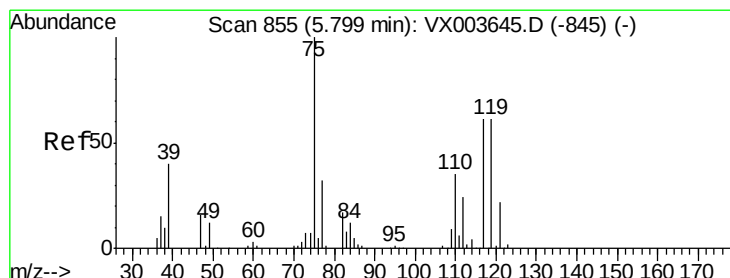
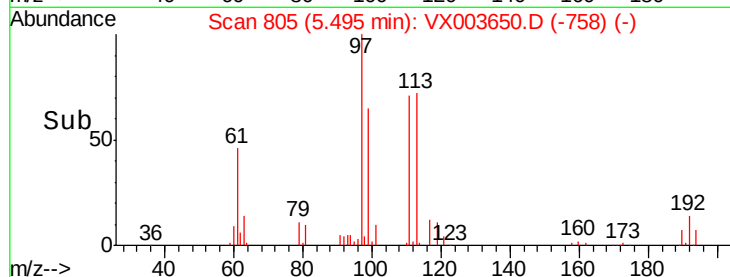
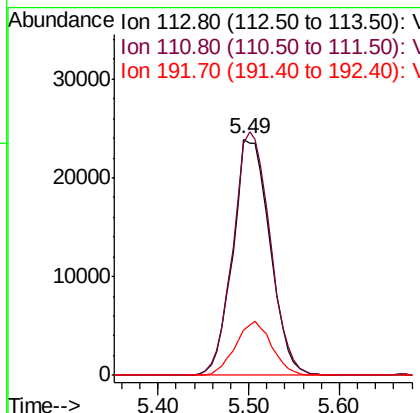
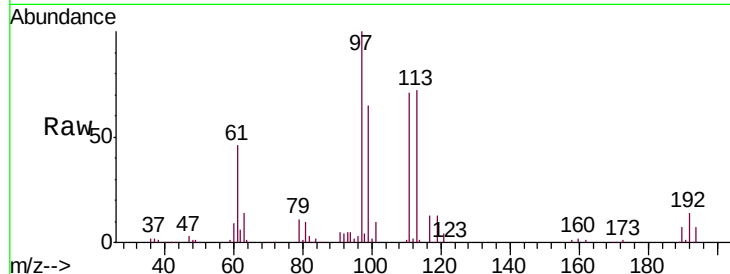
ClientSampleId :

VSTDCCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 113   | Resp: | 67877 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 103.0 | 81.2  | 121.8 |
| 192      | 22.2  | 18.2  | 27.4  |

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#36

1,1-Dichloropropene

Concen: 48.52 ug/l

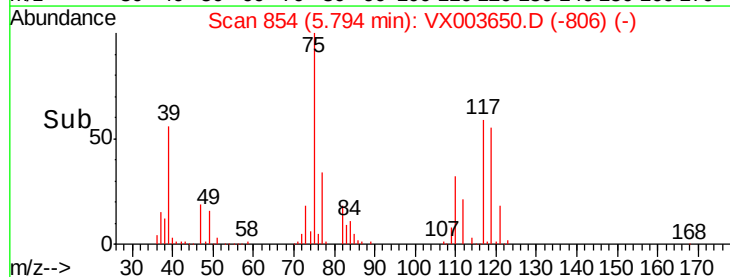
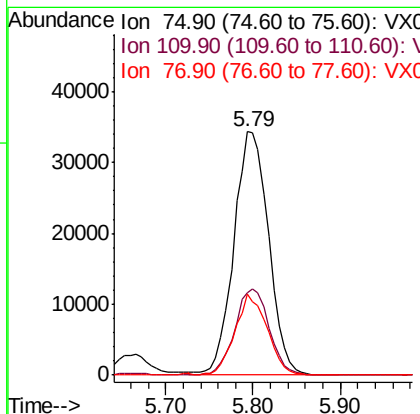
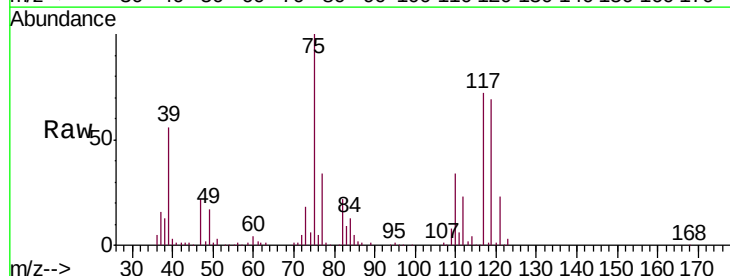
RT: 5.79 min Scan# 854

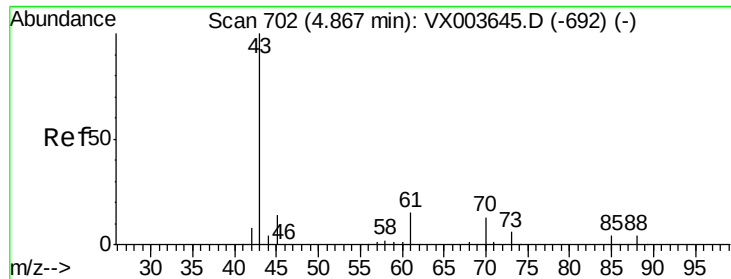
Delta R.T. -0.01 min

Lab File: VX003650.D

Acq: 25 Jul 2018 10:15

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 94827 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 34.8  | 18.1  | 54.1  |
| 77       | 30.9  | 25.1  | 37.7  |





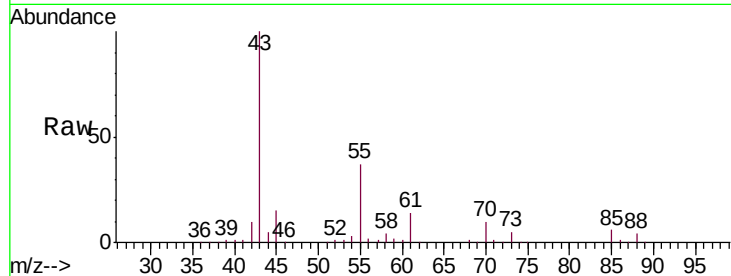
#37  
Ethyl Acetate  
Concen: 47.04 ug/l  
RT: 4.87 min Scan# 702  
Delta R.T. 0.00 min  
Lab File: VX003650.D  
Acq: 25 Jul 2018 10:15

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

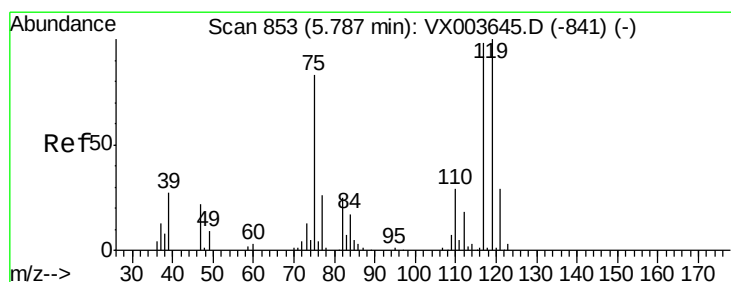
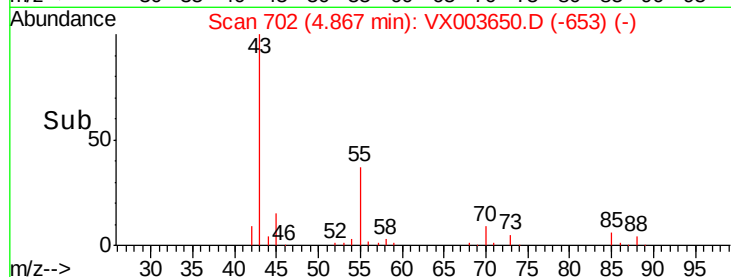
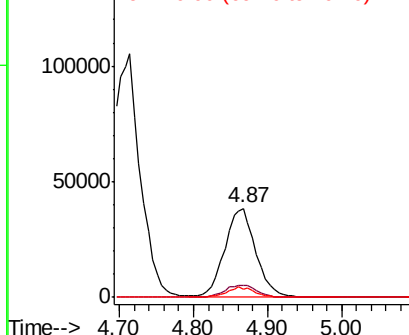
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.4  | 11.9  | 17.9  |
| 70      | 10.4  | 8.6   | 12.8  |

Manual Integrations  
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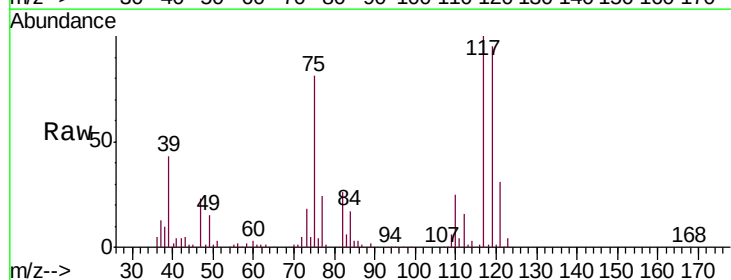


Abundance Ion 43.00 (42.70 to 43.70): VX0  
Ion 60.90 (60.60 to 61.60): VX0  
Ion 70.00 (69.70 to 70.70): VX0

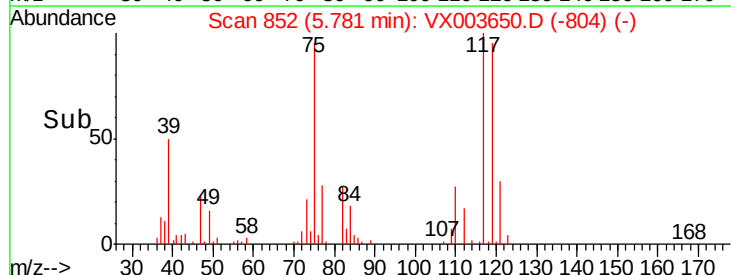
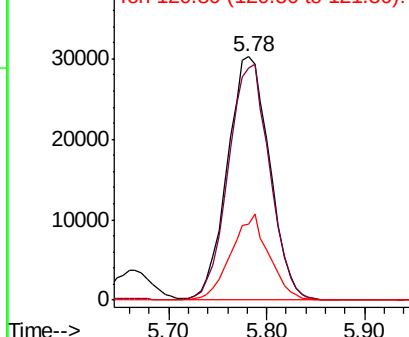


#38  
Carbon Tetrachloride  
Concen: 47.92 ug/l  
RT: 5.78 min Scan# 852  
Delta R.T. -0.01 min  
Lab File: VX003650.D  
Acq: 25 Jul 2018 10:15

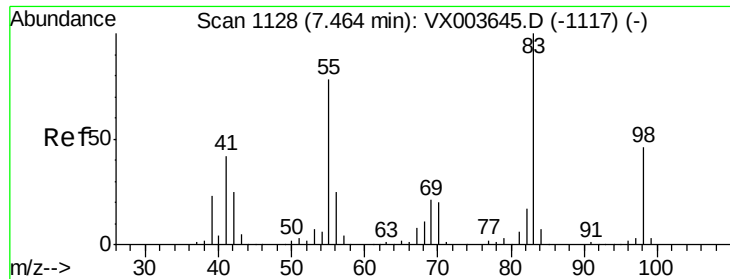
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.3  | 81.0  | 121.4 |
| 121     | 31.2  | 23.7  | 35.5  |



Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 118.80 (118.50 to 119.50): V  
Ion 120.80 (120.50 to 121.50): V







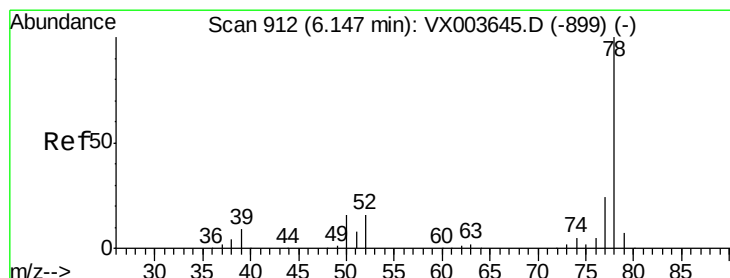
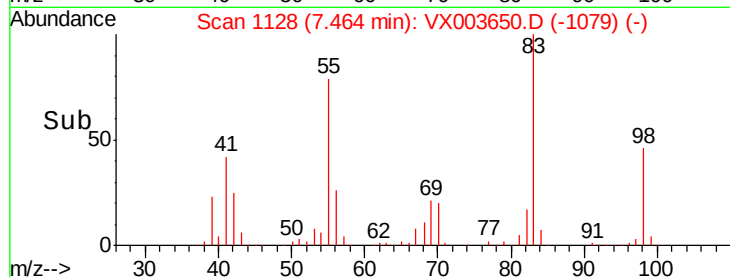
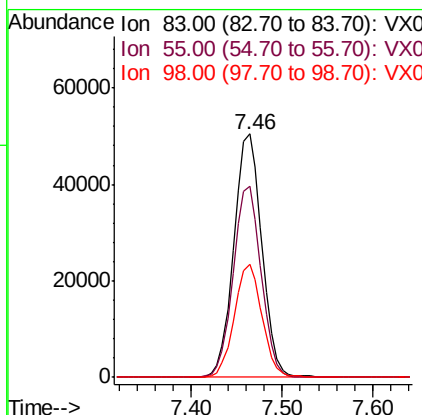
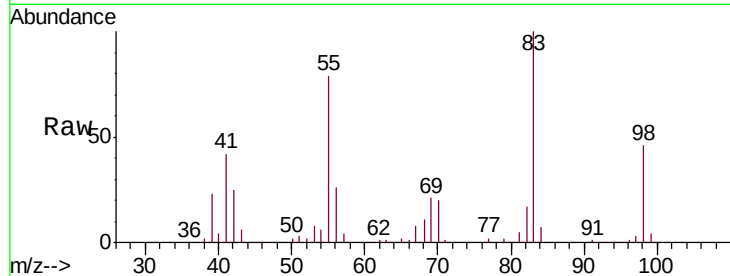
#39  
Methylvlcyclohexane  
Concen: 50.70 ug/l  
RT: 7.46 min Scan# 1128  
Delta R.T. 0.00 min  
Lab File: VX003650.D  
Acq: 25 Jul 2018 10:15

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion   | 83    | Resp  | 109076 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 55        | 78.7  | 62.6  | 93.8   |
| 98        | 46.3  | 36.6  | 55.0   |

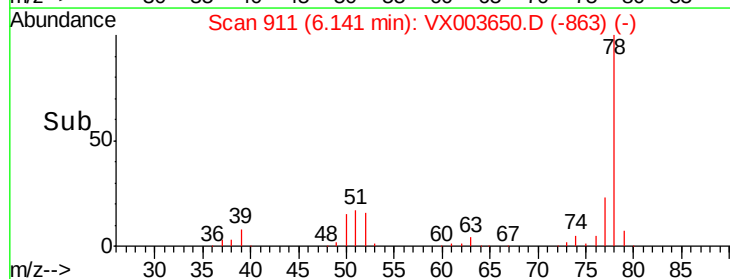
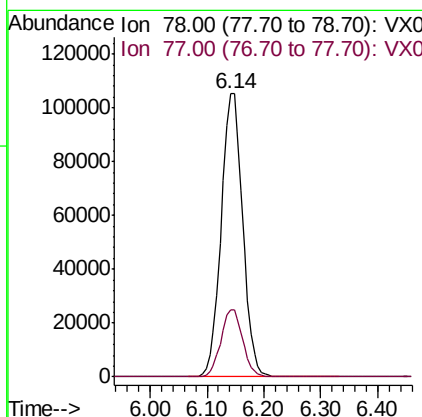
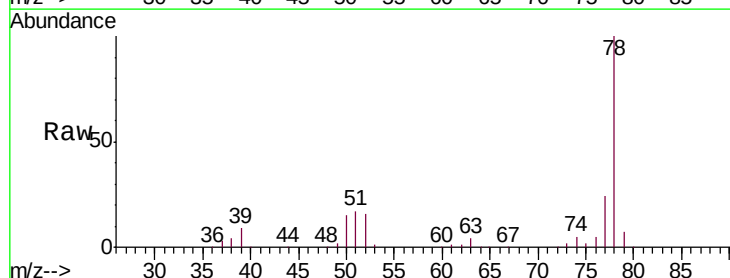
Manual Integrations  
APPROVED

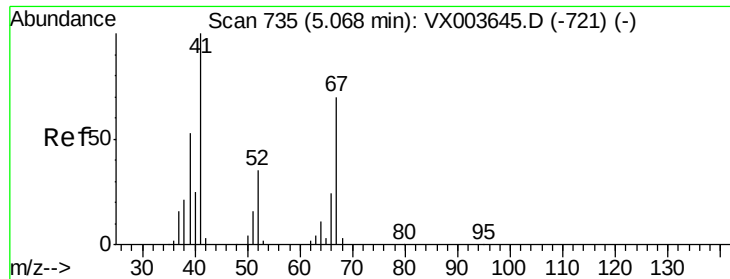
MMDadoda  
7/27/2018 5:29:31 PM



#40  
Benzene  
Concen: 47.84 ug/l  
RT: 6.14 min Scan# 911  
Delta R.T. -0.01 min  
Lab File: VX003650.D  
Acq: 25 Jul 2018 10:15

| Tgt Ion   | 78    | Resp  | 276733 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 78        | 100   |       |        |
| 77        | 23.5  | 19.0  | 28.6   |





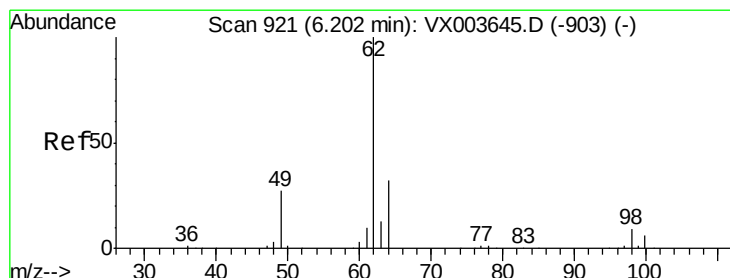
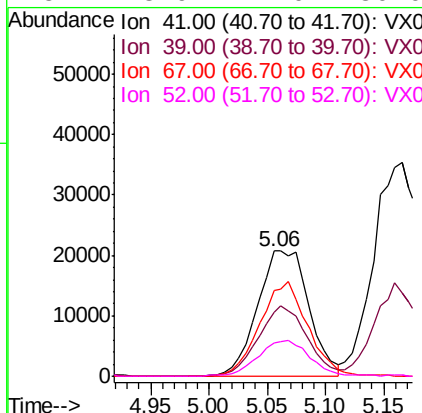
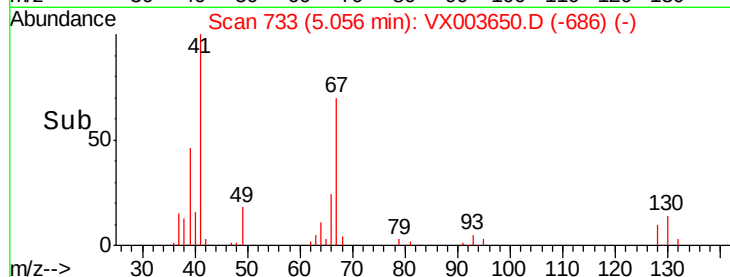
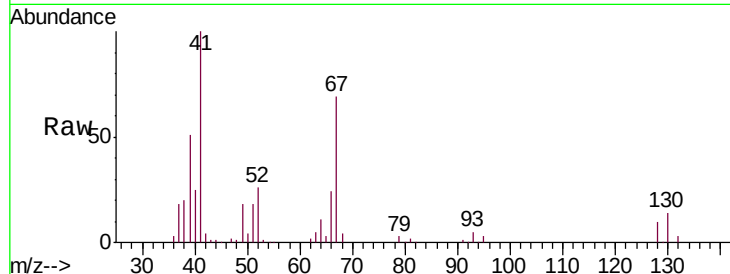
#41  
Methacrylonitrile  
Concen: 48.90 ug/l  
RT: 5.06 min Scan# 733  
Delta R.T. -0.01 min  
Lab File: VX003650.D  
Acq: 25 Jul 2018 10:15

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 53.0 | 42.2  | 63.4  |       |
| 67      | 70.2 | 56.6  | 84.8  |       |
| 52      | 28.9 | 24.0  | 36.0  |       |

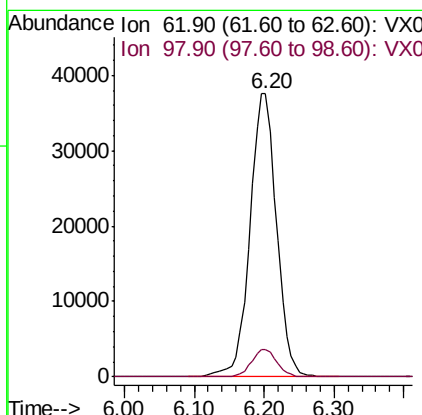
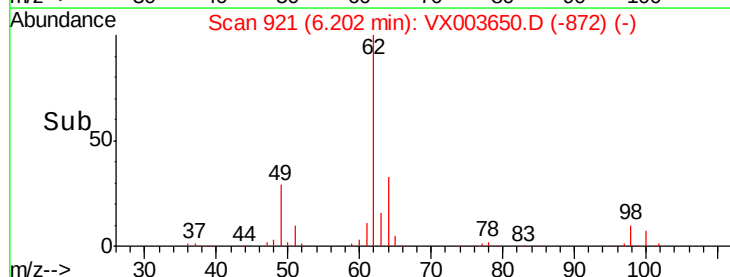
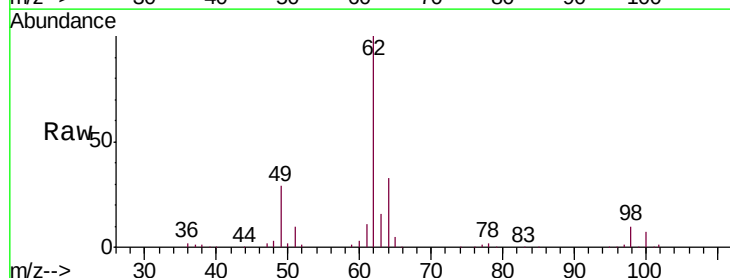
Manual Integrations  
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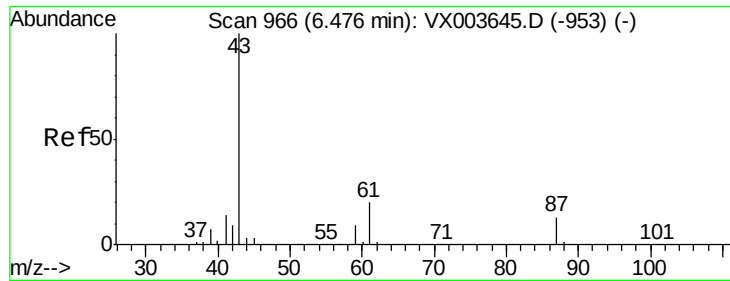
MMDadoda  
7/27/2018 5:29:31 PM



#42  
1,2-Dichloroethane  
Concen: 48.64 ug/l  
RT: 6.20 min Scan# 921  
Delta R.T. 0.00 min  
Lab File: VX003650.D  
Acq: 25 Jul 2018 10:15

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 62      | 100 |       |       |       |
| 98      | 9.3 | 0.0   | 18.4  |       |





#43

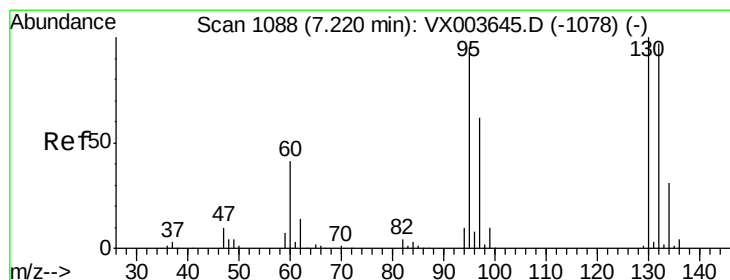
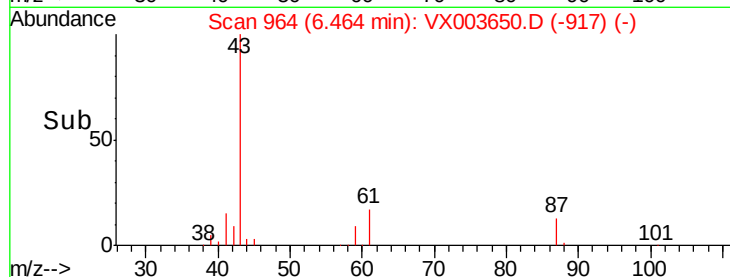
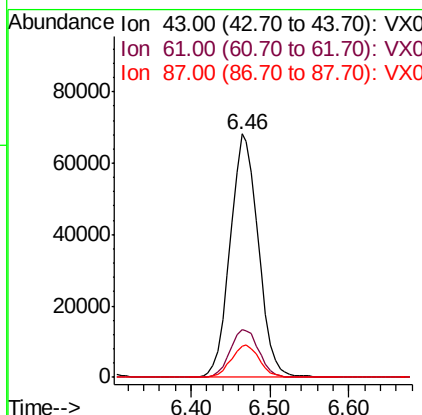
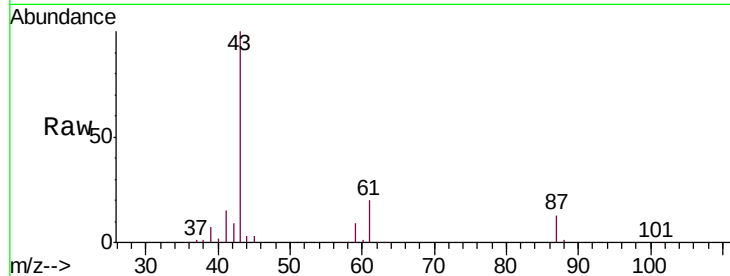
Isopropyl Acetate  
 Concen: 49.30 ug/l  
 RT: 6.46 min Scan# 964  
 Delta R.T. -0.01 min  
 Lab File: VX003650.D  
 Acq: 25 Jul 2018 10:15

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 20.1  | 15.9  | 23.9  |
| 87      | 13.1  | 10.1  | 15.1  |

Manual Integrations  
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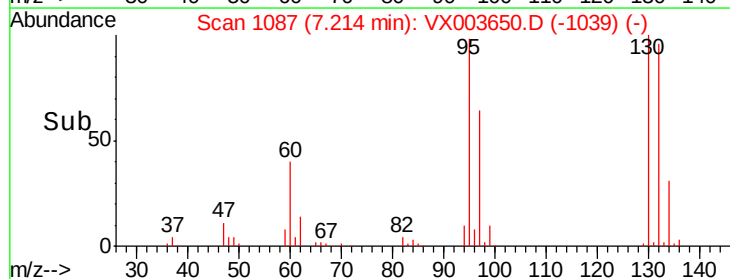
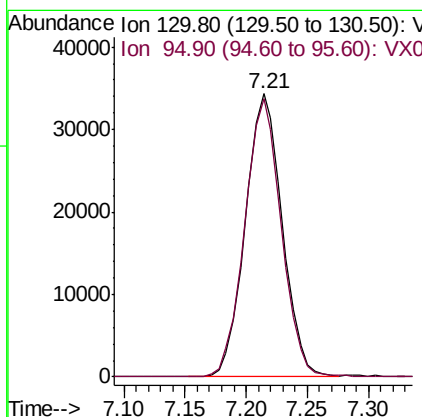
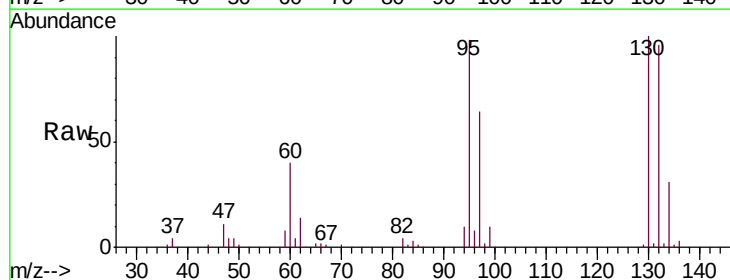
MMDadoda  
 7/27/2018 5:29:31 PM

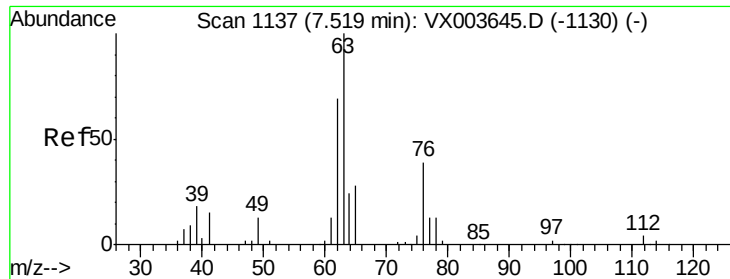


#44

Trichloroethene  
 Concen: 46.34 ug/l  
 RT: 7.21 min Scan# 1087  
 Delta R.T. -0.01 min  
 Lab File: VX003650.D  
 Acq: 25 Jul 2018 10:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 98.4  | 0.0   | 190.0 |





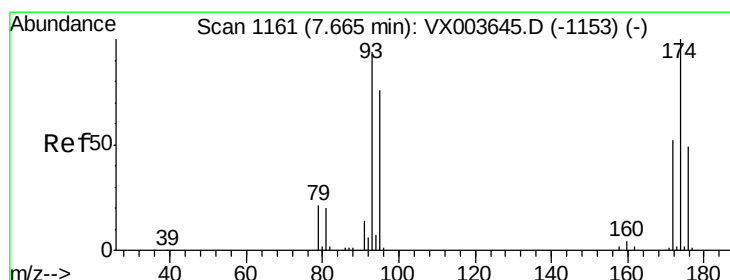
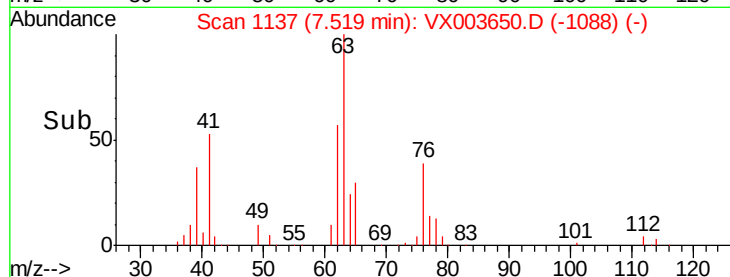
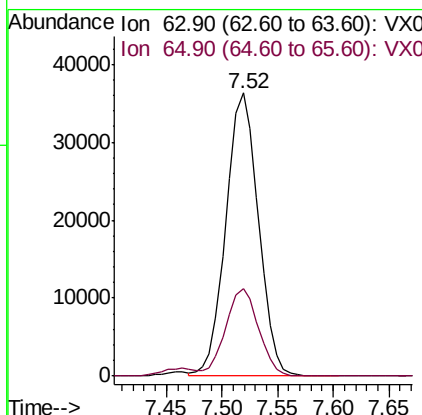
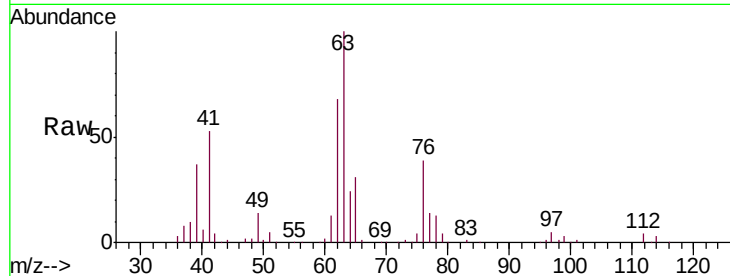
#45  
 1,2-Dichloropropane  
 Concen: 49.27 ug/l  
 RT: 7.52 min Scan# 1137  
 Delta R.T. 0.00 min  
 Lab File: VX003650.D  
 Acq: 25 Jul 2018 10:15

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 63 Resp: 73663  
 Ion Ratio Lower Upper  
 63 100  
 65 30.9 24.0 36.0

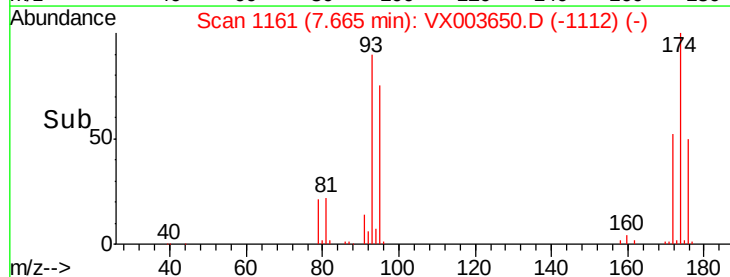
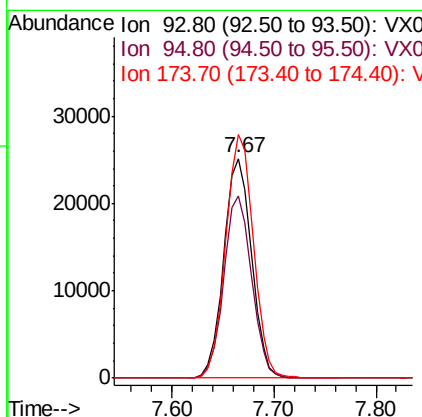
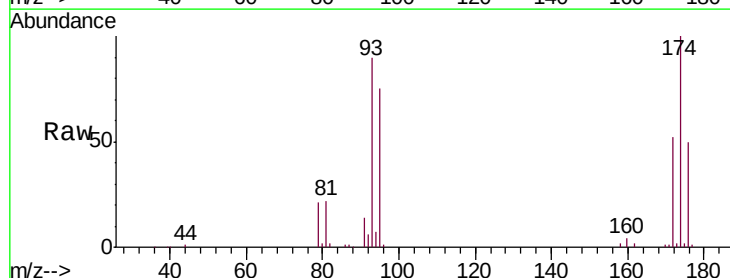
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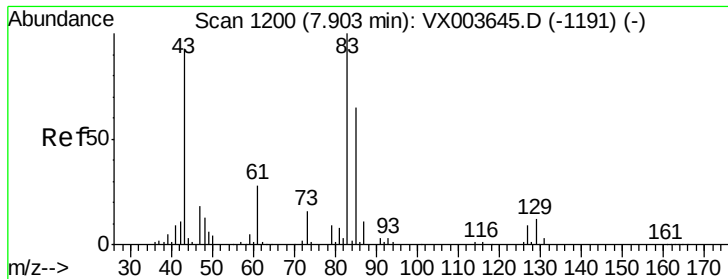
MMDadoda  
 7/27/2018 5:29:31 PM



#46  
 Dibromomethane  
 Concen: 49.55 ug/l  
 RT: 7.67 min Scan# 1161  
 Delta R.T. 0.00 min  
 Lab File: VX003650.D  
 Acq: 25 Jul 2018 10:15

Tgt Ion: 93 Resp: 47594  
 Ion Ratio Lower Upper  
 93 100  
 95 82.8 67.0 100.6  
 174 110.7 89.6 134.4





#47

Bromodichloromethane

Concen: 50.14 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003650.D

Acq: 25 Jul 2018 10:15

Instrument :

MSVOA\_X

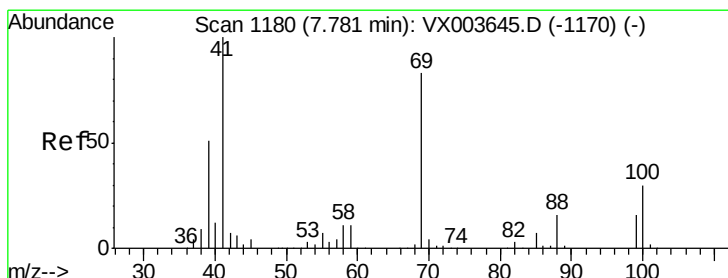
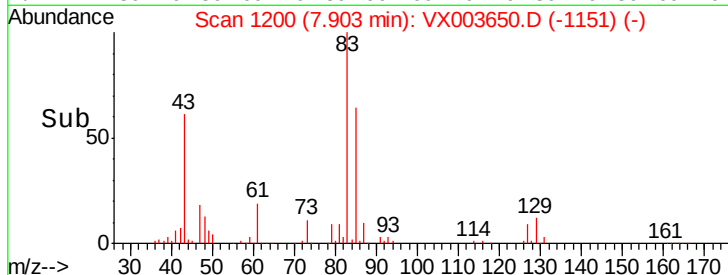
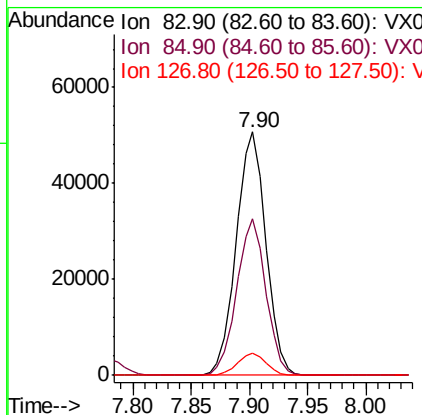
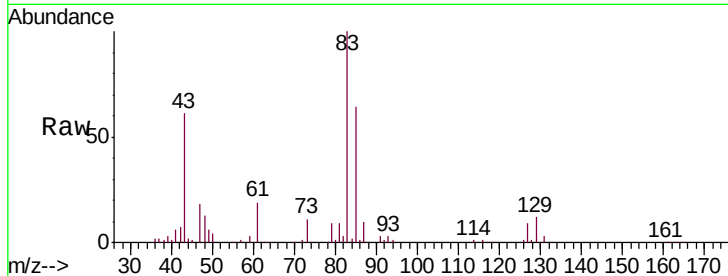
ClientSampleId :

VSTDCCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 90289 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 64.1  | 51.8  | 77.6  |
| 127      | 8.9   | 7.0   | 10.6  |

Manual Integrations  
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#48

Methyl methacrylate

Concen: 50.64 ug/l

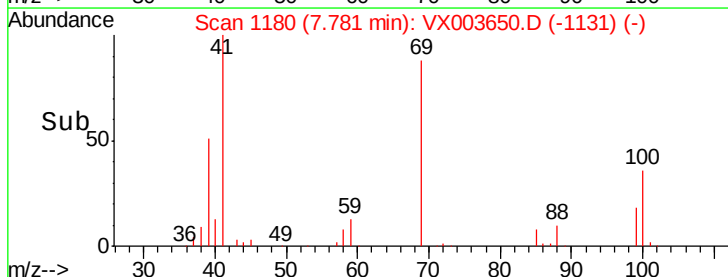
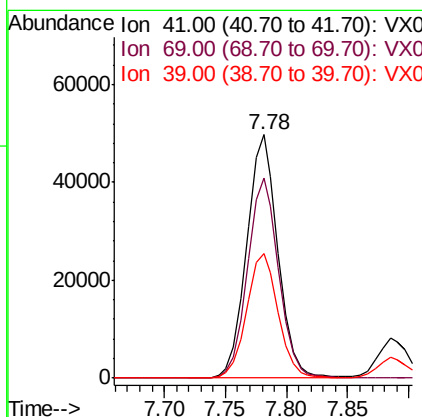
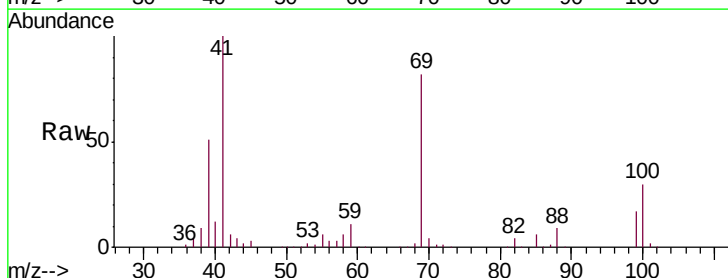
RT: 7.78 min Scan# 1180

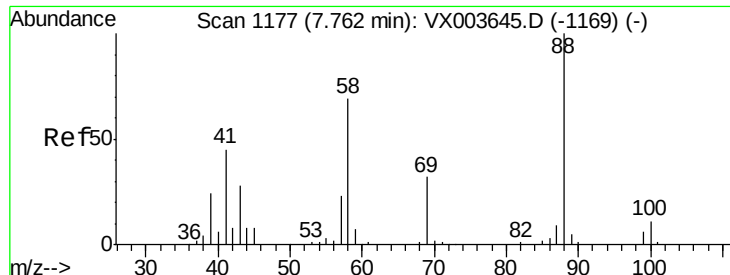
Delta R.T. 0.00 min

Lab File: VX003650.D

Acq: 25 Jul 2018 10:15

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 88108 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 82.5  | 66.9  | 100.3 |
| 39       | 52.0  | 41.2  | 61.8  |





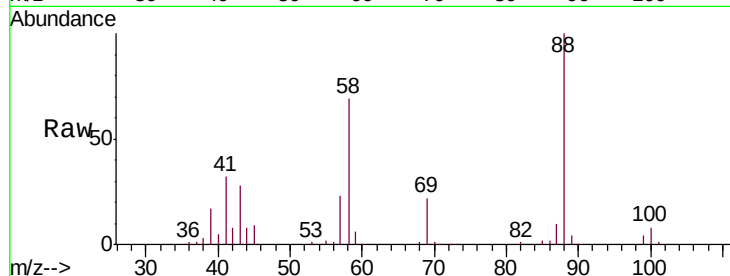
#49  
1,4-Dioxane  
Concen: 971.12 ug/l  
RT: 7.76 min Scan# 1176  
Delta R.T. -0.01 min  
Lab File: VX003650.D  
Acq: 25 Jul 2018 10:15

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 32.4  | 25.8  | 38.6  |
| 58      | 72.6  | 58.3  | 87.5  |

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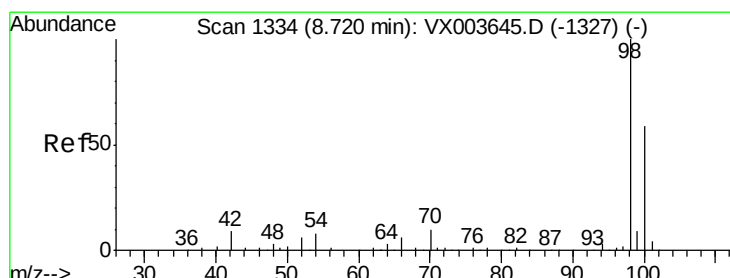
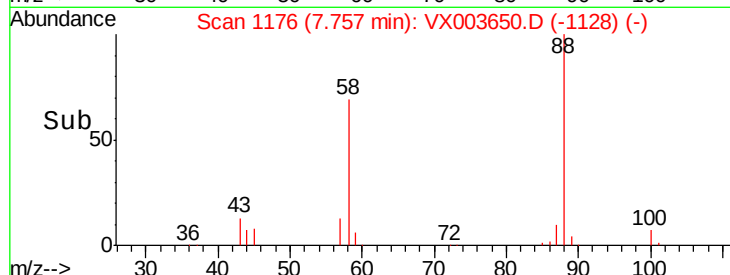
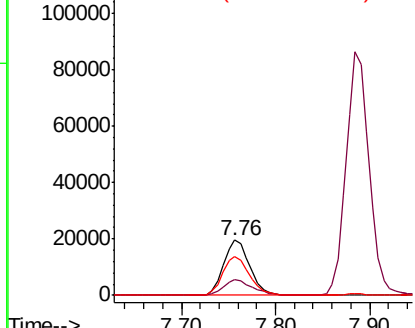


Abundance

Ion 88.00 (87.70 to 88.70): VX0

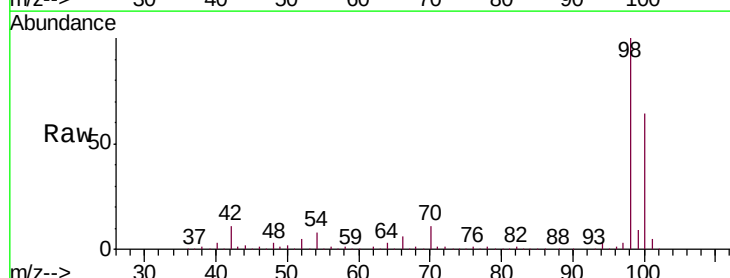
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50  
Toluene-d8  
Concen: 50.00 ug/l  
RT: 8.72 min Scan# 1334  
Delta R.T. 0.00 min  
Lab File: VX003650.D  
Acq: 25 Jul 2018 10:15

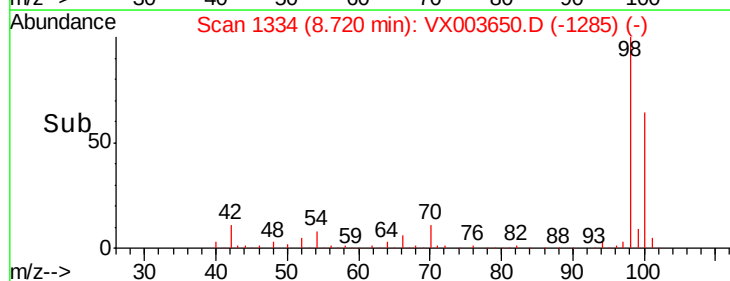
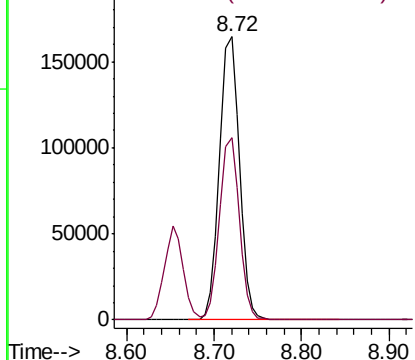
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 63.8  | 50.9  | 76.3  |

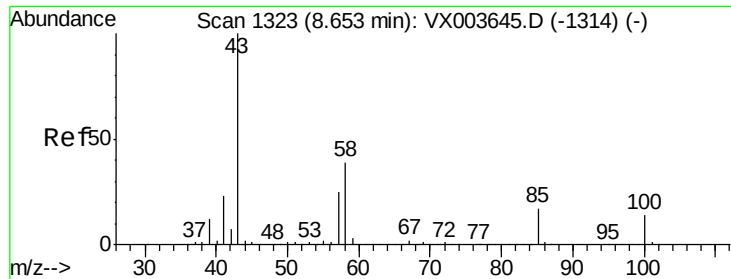


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 244.10 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003650.D

Acq: 25 Jul 2018 10:15

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 564679

Ion Ratio Lower Upper

43 100

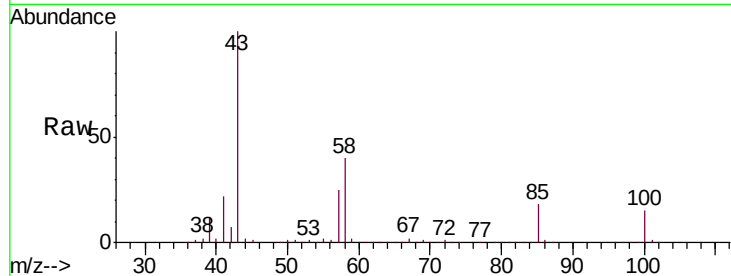
58 39.1 31.5 47.3

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

400000

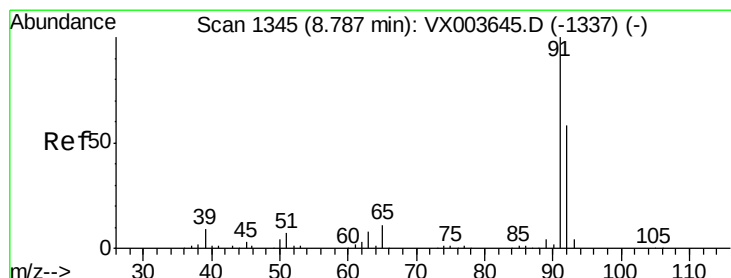
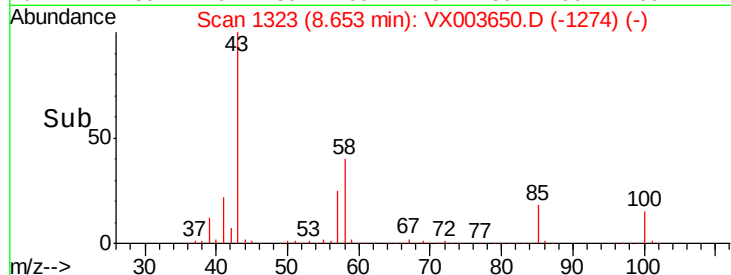
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 48.35 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003650.D

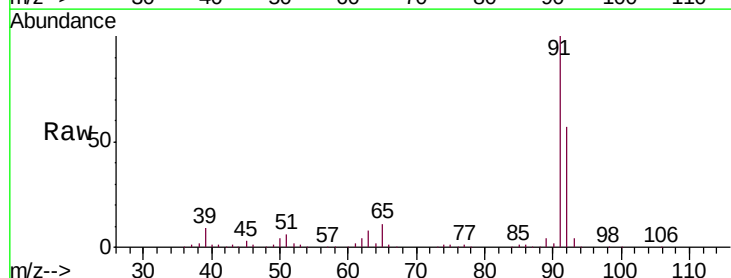
Acq: 25 Jul 2018 10:15

Tgt Ion: 92 Resp: 173828

Ion Ratio Lower Upper

92 100

91 175.0 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

200000

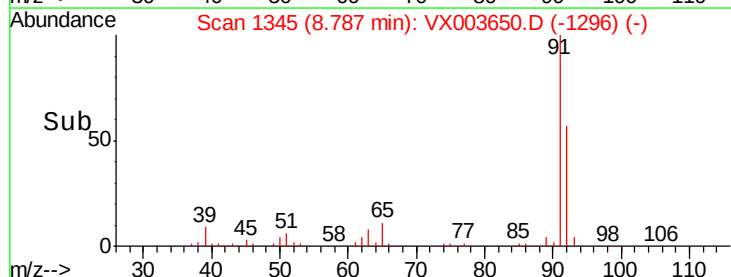
150000

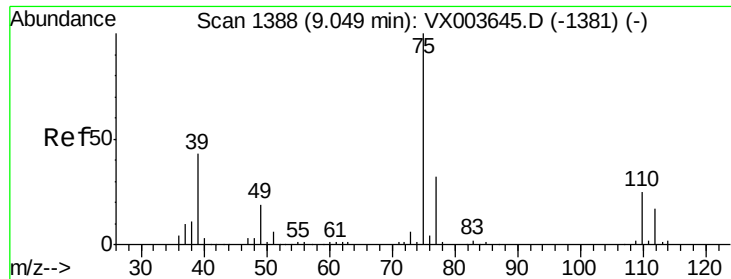
100000

50000

0

Time-->





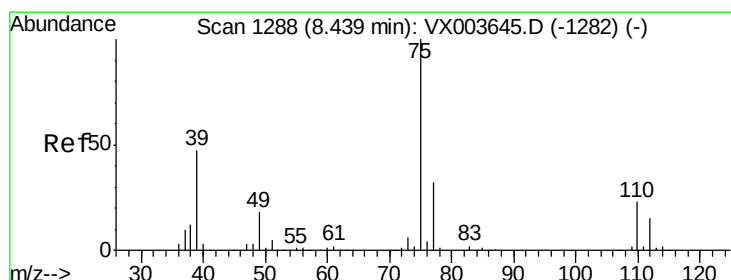
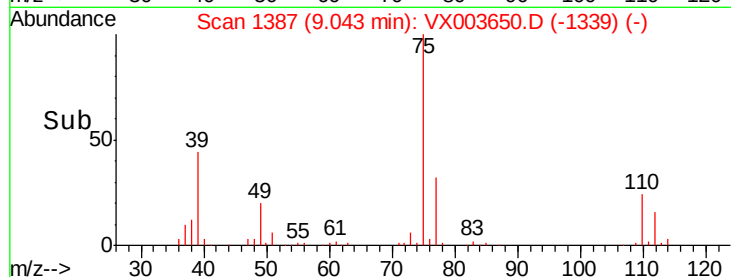
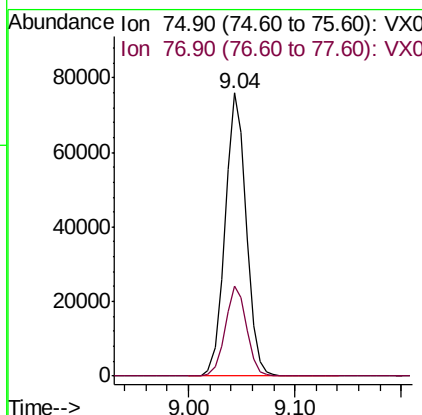
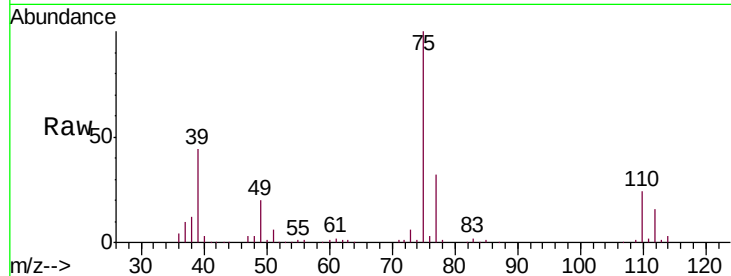
#53  
t-1,3-Dichloropropene  
Concen: 52.87 ug/l  
RT: 9.04 min Scan# 1387  
Delta R.T. -0.01 min  
Lab File: VX003650.D  
Acq: 25 Jul 2018 10:15

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 75 Resp: 105423  
Ion Ratio Lower Upper  
75 100  
77 31.7 25.8 38.6

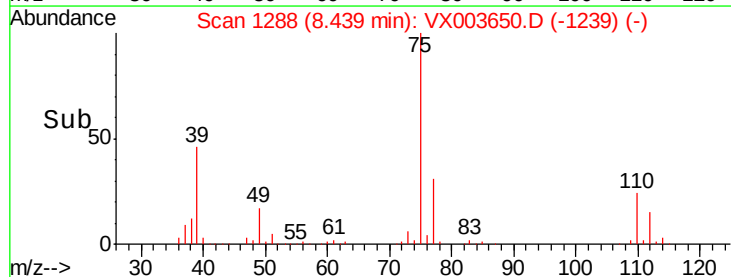
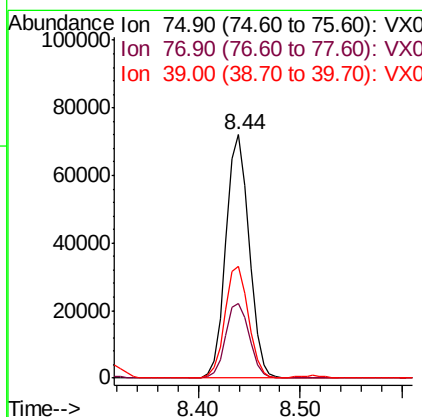
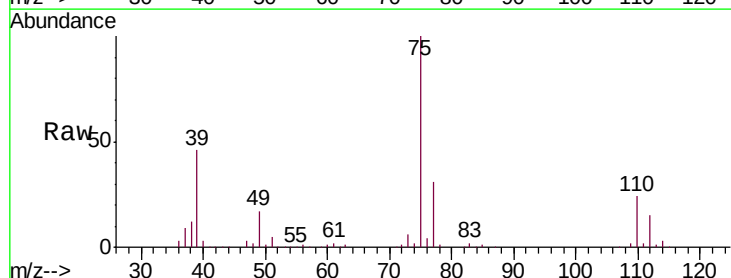
Manual Integrations  
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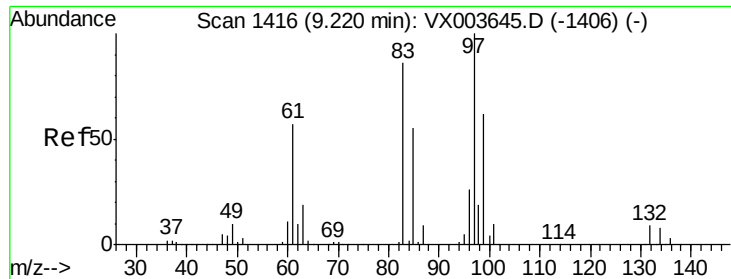


#54  
cis-1,3-Dichloropropene  
Concen: 51.60 ug/l  
RT: 8.44 min Scan# 1288  
Delta R.T. 0.00 min  
Lab File: VX003650.D  
Acq: 25 Jul 2018 10:15

Tgt Ion: 75 Resp: 113214  
Ion Ratio Lower Upper  
75 100  
77 30.7 25.2 37.8  
39 45.8 38.0 57.0







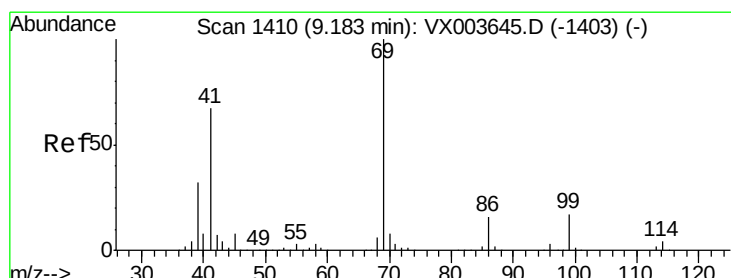
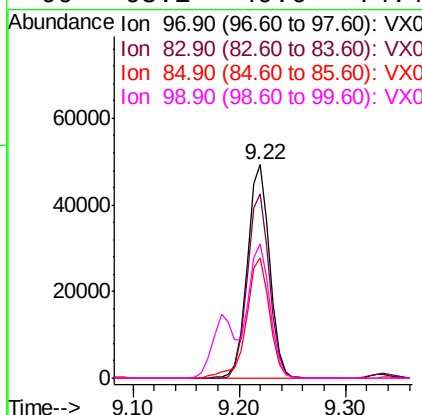
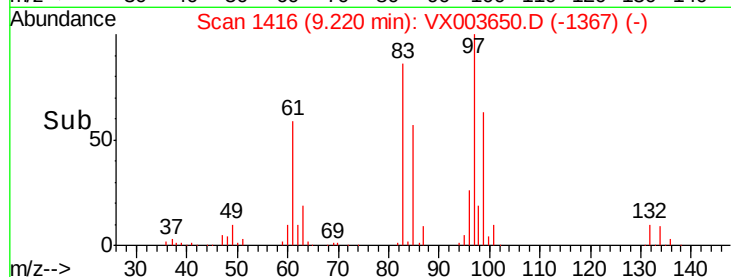
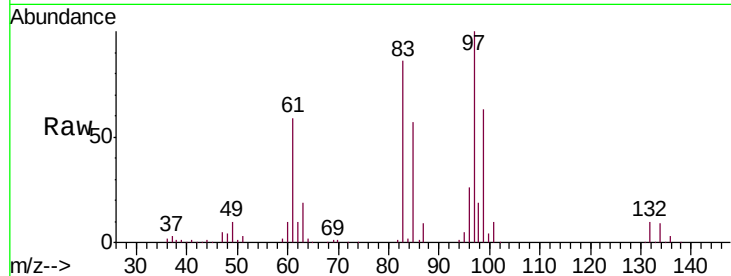
#55  
 1,1,2-Trichloroethane  
 Concen: 49.16 ug/l  
 RT: 9.22 min Scan# 1416  
 Delta R.T. 0.00 min  
 Lab File: VX003650.D  
 Acq: 25 Jul 2018 10:15

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 97      | 100  |       | 72249 |       |       |
| 83      | 86.0 | 68.7  | 103.1 |       |       |
| 85      | 56.6 | 43.7  | 65.5  |       |       |
| 99      | 63.1 | 49.6  | 74.4  |       |       |

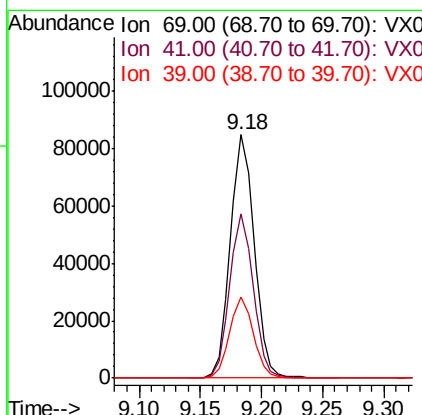
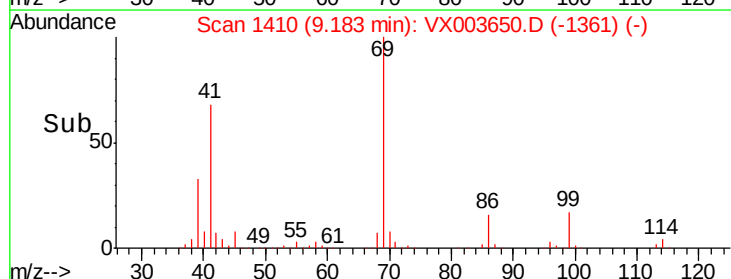
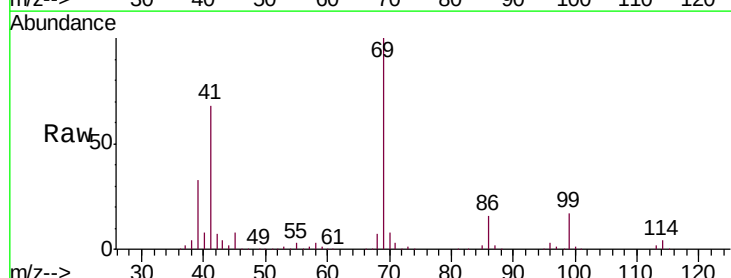
Manual Integrations  
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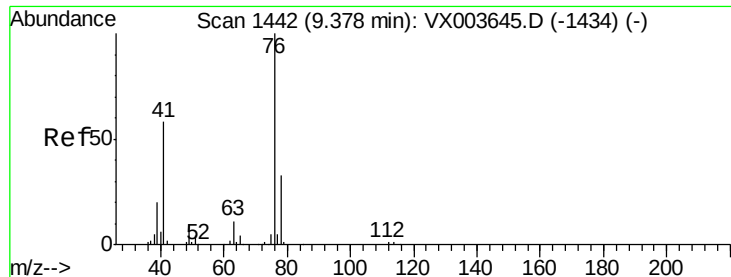
MMDadoda  
 7/27/2018 5:29:31 PM



#56  
 Ethyl methacrylate  
 Concen: 52.54 ug/l  
 RT: 9.18 min Scan# 1410  
 Delta R.T. 0.00 min  
 Lab File: VX003650.D  
 Acq: 25 Jul 2018 10:15

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 69      | 100  |       | 114899 |       |       |
| 41      | 67.2 | 53.8  | 80.6   |       |       |
| 39      | 33.0 | 25.8  | 38.8   |       |       |





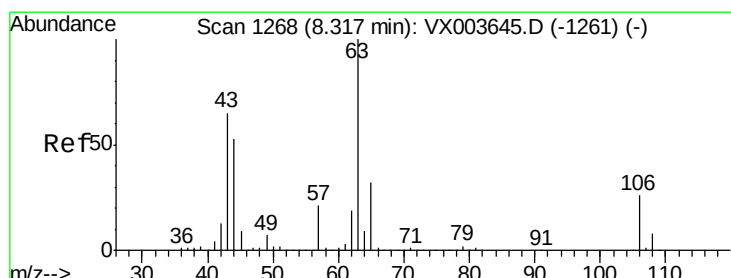
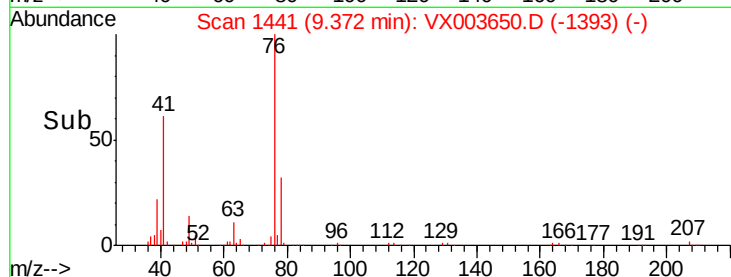
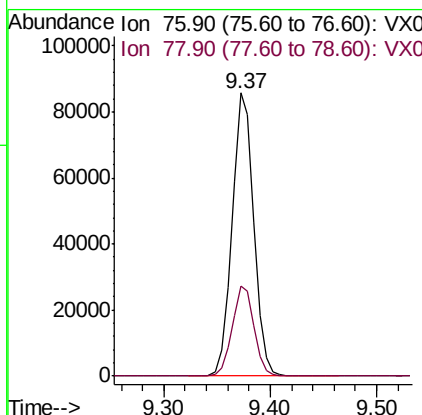
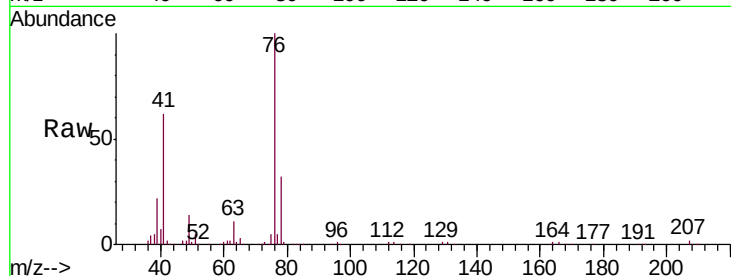
#57  
 1,3-Dichloropropane  
 Concen: 49.41 ug/l  
 RT: 9.37 min Scan# 1441  
 Delta R.T. -0.01 min  
 Lab File: VX003650.D  
 Acq: 25 Jul 2018 10:15

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.0  | 25.6  | 38.4  |

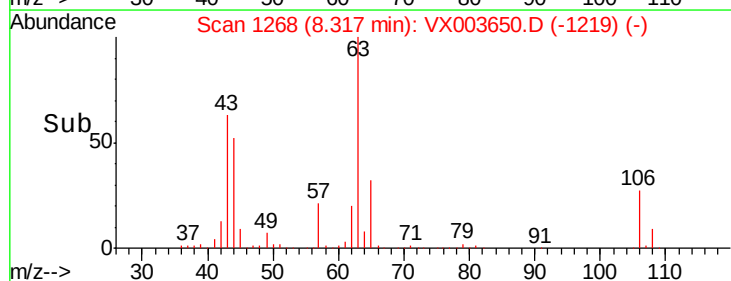
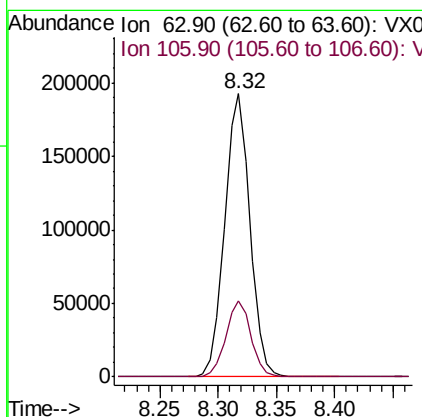
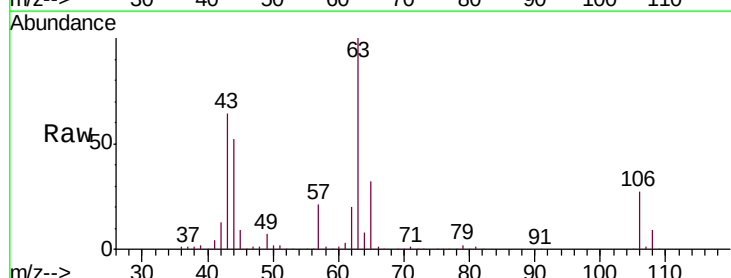
Manual Integrations  
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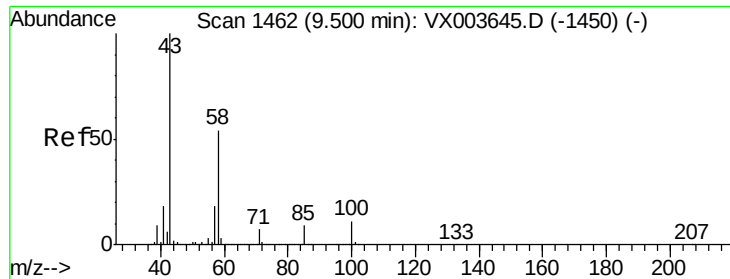
MMDadoda  
 7/27/2018 5:29:31 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 262.41 ug/l  
 RT: 8.32 min Scan# 1268  
 Delta R.T. 0.00 min  
 Lab File: VX003650.D  
 Acq: 25 Jul 2018 10:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 26.8  | 21.5  | 32.3  |





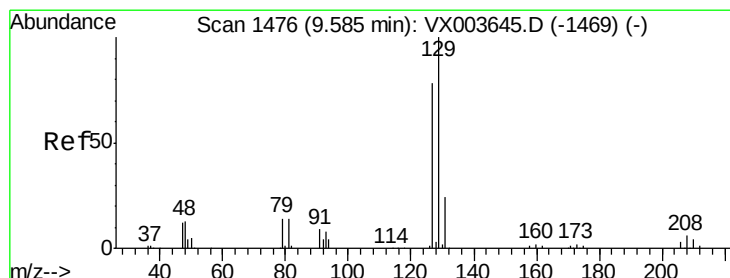
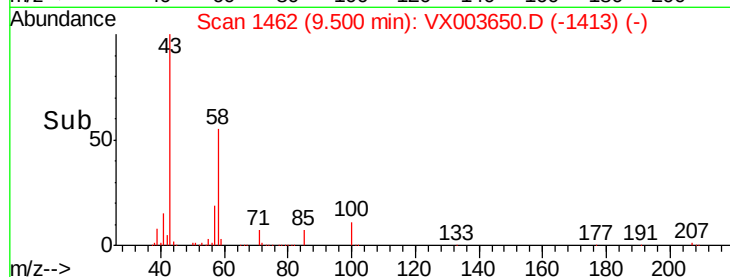
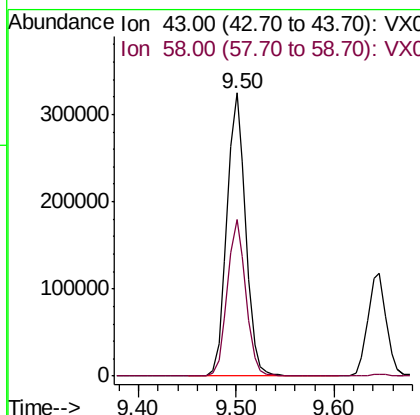
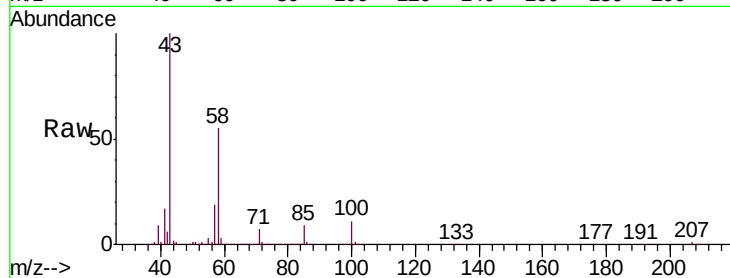
#59  
2-Hexanone  
Concen: 243.21 ug/l  
RT: 9.50 min Scan# 1462  
Delta R.T. 0.00 min  
Lab File: VX003650.D  
Acq: 25 Jul 2018 10:15

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 431591  
Ion Ratio Lower Upper  
43 100  
58 54.6 27.3 81.9

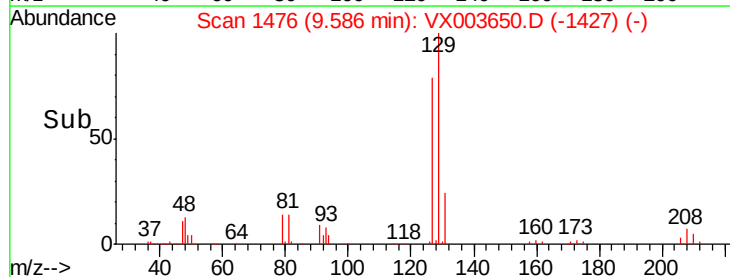
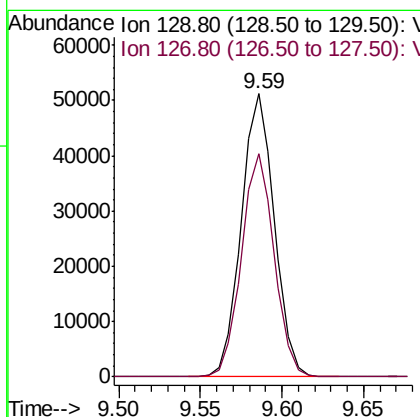
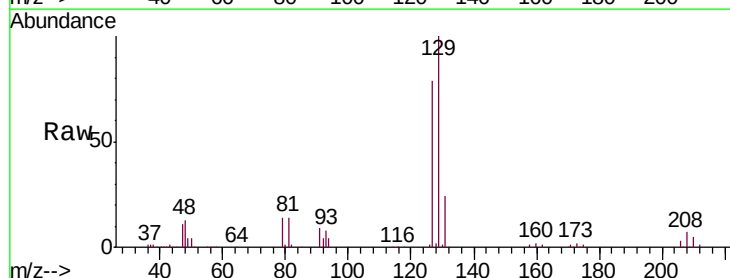
Manual Integrations  
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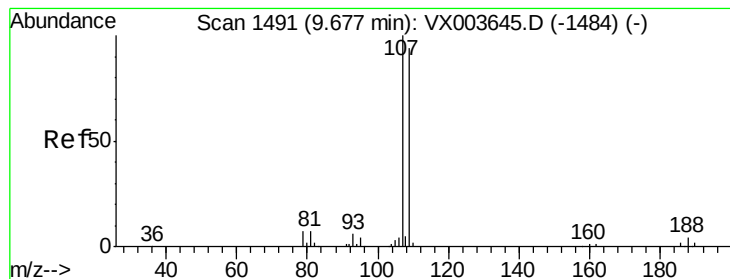
MMDadoda  
7/27/2018 5:29:31 PM



#60  
Dibromochloromethane  
Concen: 51.81 ug/l  
RT: 9.59 min Scan# 1476  
Delta R.T. 0.00 min  
Lab File: VX003650.D  
Acq: 25 Jul 2018 10:15

Tgt Ion:129 Resp: 72223  
Ion Ratio Lower Upper  
129 100  
127 78.1 38.7 116.1





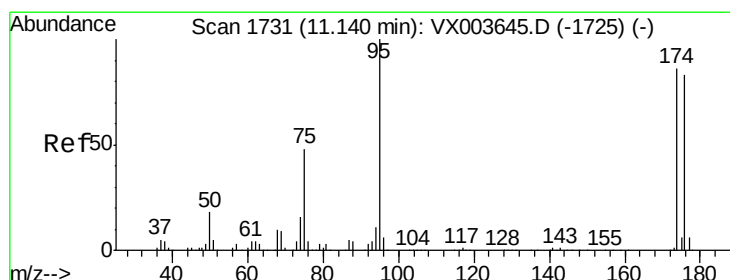
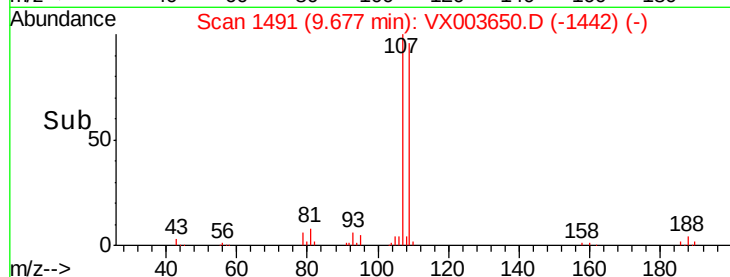
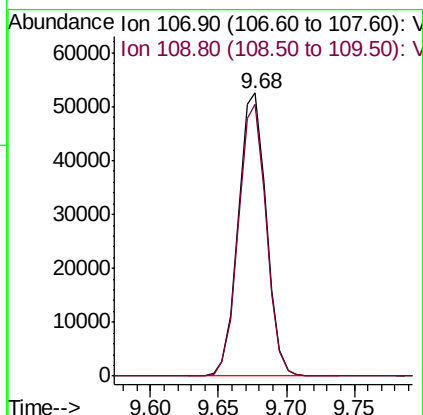
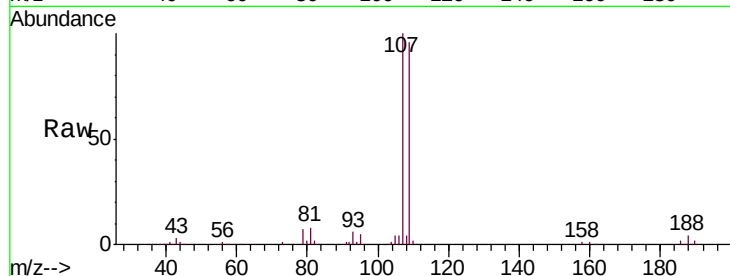
#61  
 1,2-Dibromoethane  
 Concen: 49.20 ug/l  
 RT: 9.68 min Scan# 1491  
 Delta R.T. 0.00 min  
 Lab File: VX003650.D  
 Acq: 25 Jul 2018 10:15

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Tot Ion:107 Resp: 75296  
 Ion Ratio Lower Upper  
 107 100  
 109 95.4 75.4 113.2

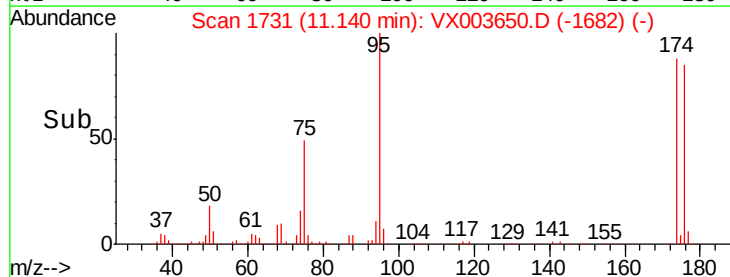
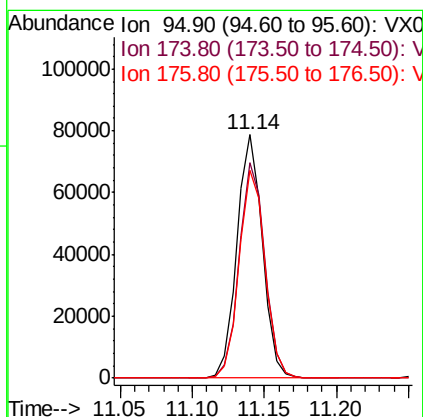
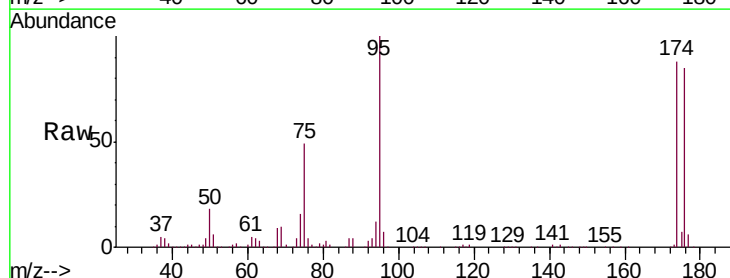
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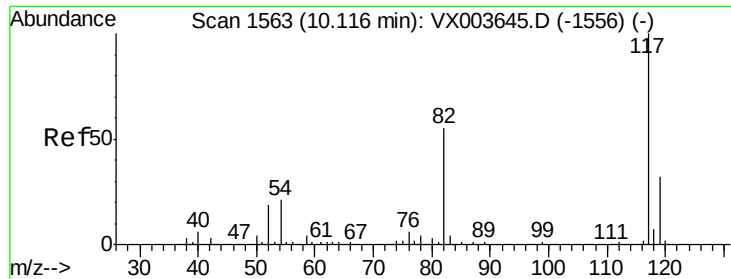
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 7/27/2018 5:29:31 PM



#62  
 4-Bromofluorobenzene  
 Concen: 51.16 ug/l  
 RT: 11.14 min Scan# 1731  
 Delta R.T. 0.00 min  
 Lab File: VX003650.D  
 Acq: 25 Jul 2018 10:15

Tgt Ion: 95 Resp: 97339  
 Ion Ratio Lower Upper  
 95 100  
 174 88.7 0.0 179.0  
 176 86.1 0.0 173.0





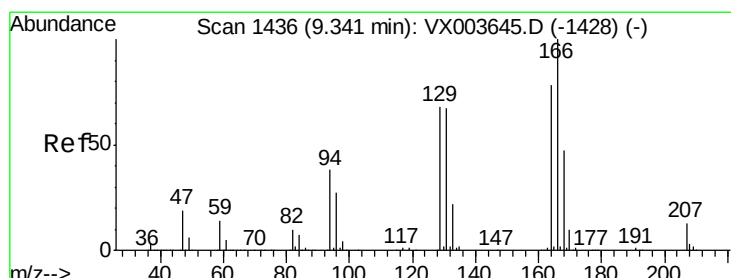
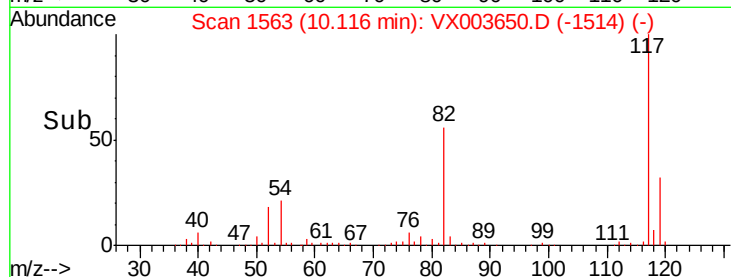
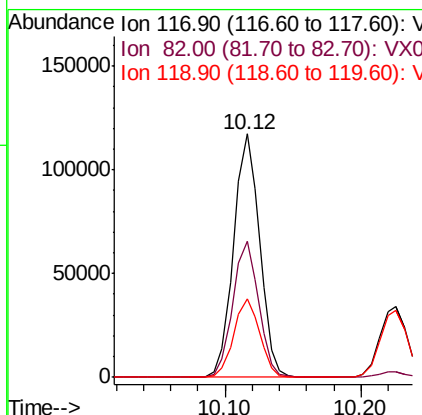
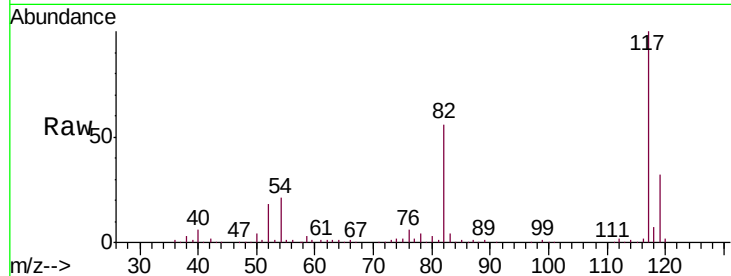
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1563  
Delta R.T. 0.00 min  
Lab File: VX003650.D  
Acq: 25 Jul 2018 10:15

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 56.0  | 44.3  | 66.5  |
| 119     | 32.1  | 25.6  | 38.4  |

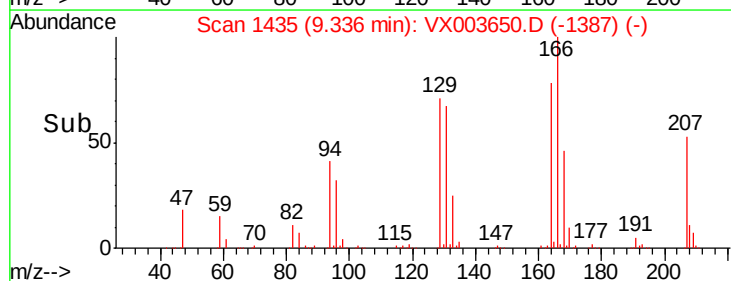
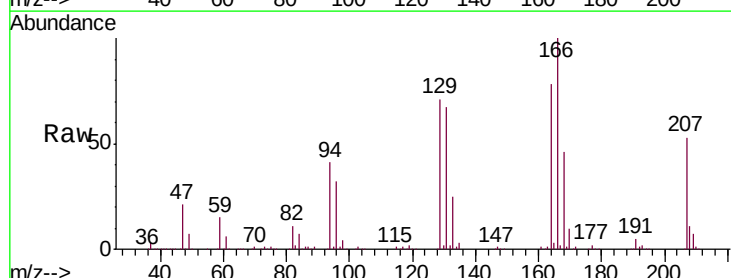
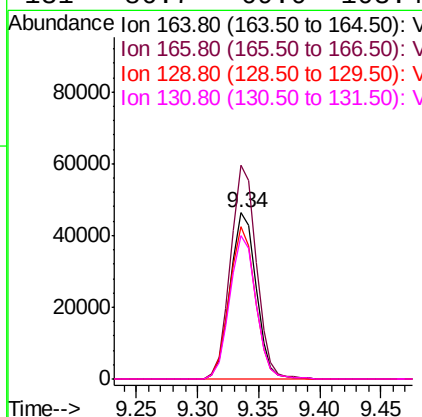
Manual Integrations  
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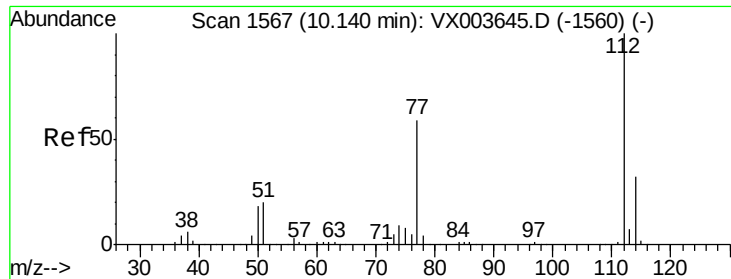
MMDadoda  
7/27/2018 5:29:31 PM



#64  
Tetrachloroethene  
Concen: 47.64 ug/l  
RT: 9.34 min Scan# 1435  
Delta R.T. -0.01 min  
Lab File: VX003650.D  
Acq: 25 Jul 2018 10:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 128.8 | 102.4 | 153.6 |
| 129     | 92.0  | 69.6  | 104.4 |
| 131     | 86.7  | 69.0  | 103.4 |





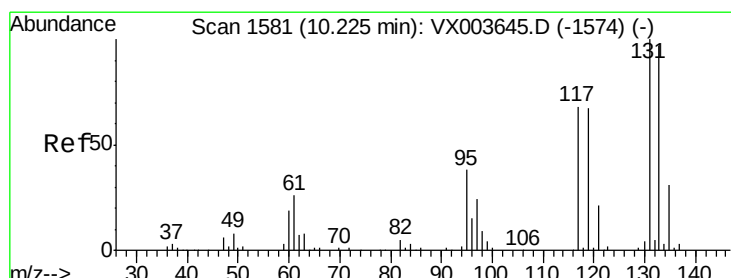
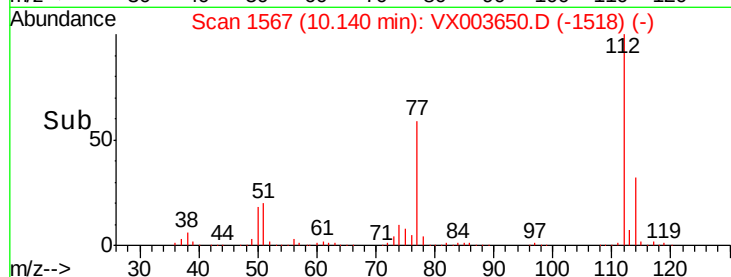
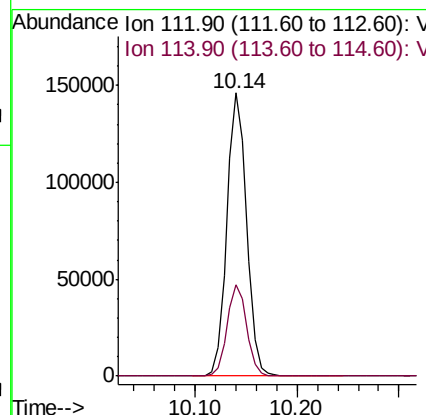
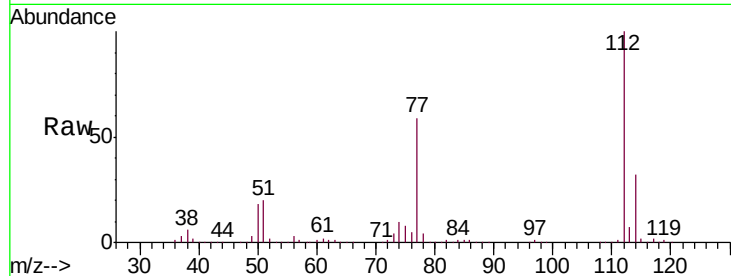
#65  
Chlorobenzene  
Concen: 49.71 ug/l  
RT: 10.14 min Scan# 1567  
Delta R.T. 0.00 min  
Lab File: VX003650.D  
Acq: 25 Jul 2018 10:15

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion:112 Resp: 195586  
Ion Ratio Lower Upper  
112 100  
114 32.2 25.8 38.8

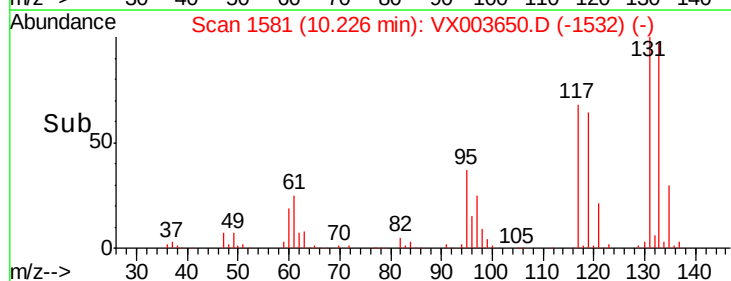
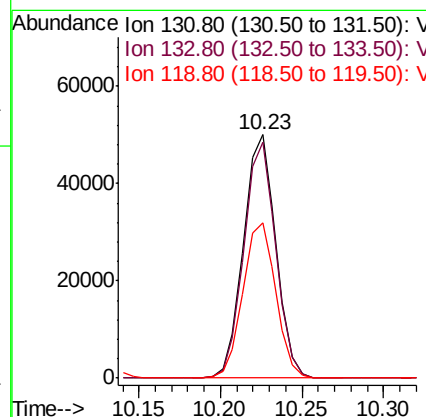
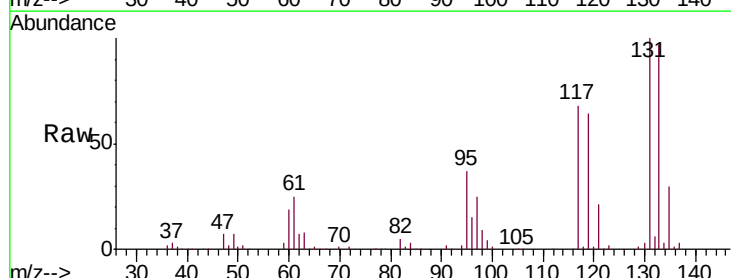
Manual Integrations  
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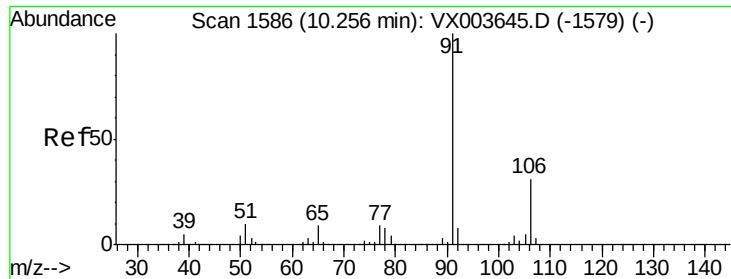
MMDadoda  
7/27/2018 5:29:31 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.58 ug/l  
RT: 10.23 min Scan# 1581  
Delta R.T. 0.00 min  
Lab File: VX003650.D  
Acq: 25 Jul 2018 10:15

Tgt Ion:131 Resp: 69186  
Ion Ratio Lower Upper  
131 100  
133 95.4 47.6 142.8  
119 64.9 32.8 98.4





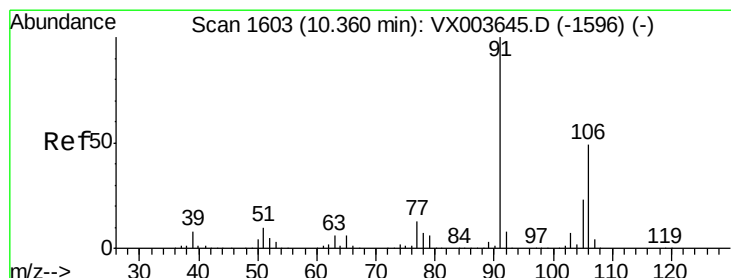
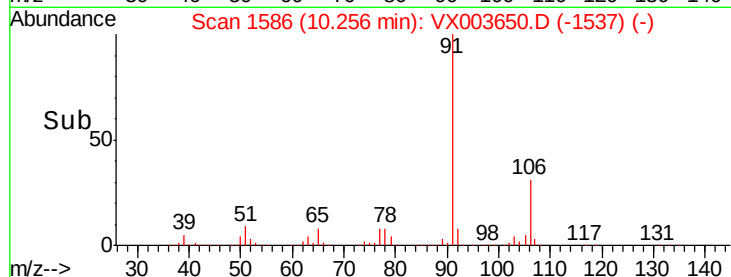
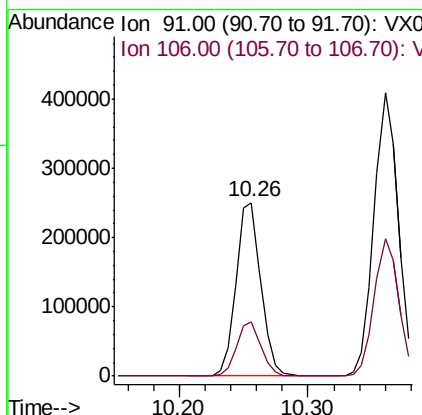
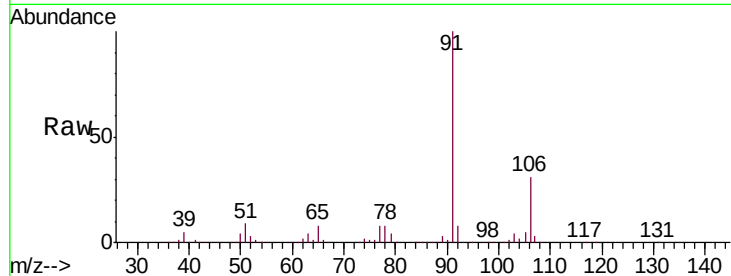
#67  
Ethyl Benzene  
Concen: 51.03 ug/l  
RT: 10.26 min Scan# 1586  
Delta R.T. 0.00 min  
Lab File: VX003650.D  
Acq: 25 Jul 2018 10:15

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 91 Resp: 336092  
Ion Ratio Lower Upper  
91 100  
106 31.3 25.0 37.6

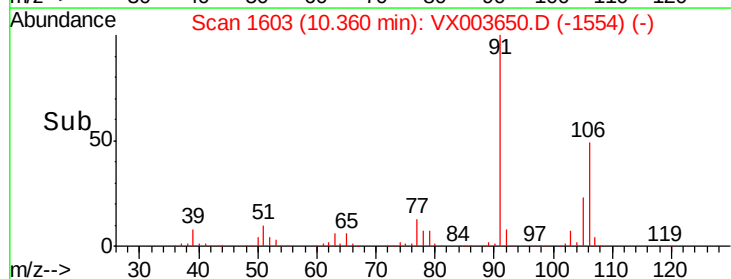
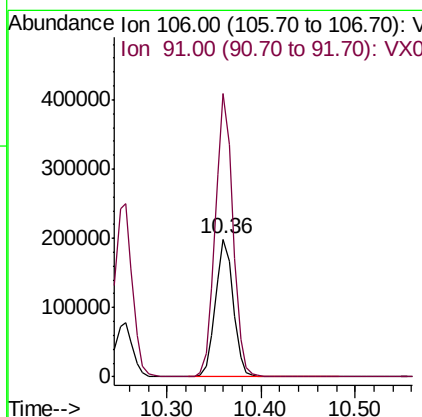
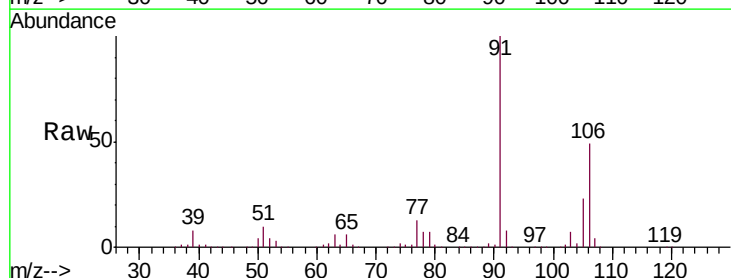
Manual Integrations  
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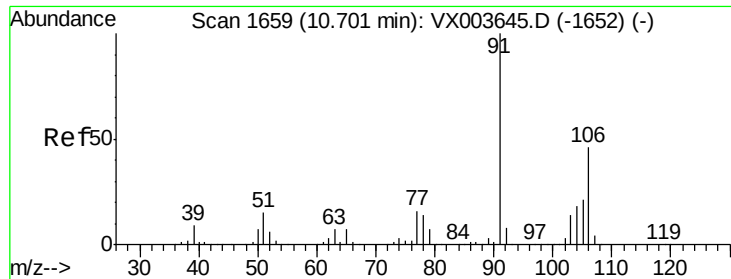
MMDadoda  
7/27/2018 5:29:31 PM



#68  
m/p-Xylenes  
Concen: 103.40 ug/l  
RT: 10.36 min Scan# 1603  
Delta R.T. 0.00 min  
Lab File: VX003650.D  
Acq: 25 Jul 2018 10:15

Tgt Ion: 106 Resp: 261271  
Ion Ratio Lower Upper  
106 100  
91 203.6 162.2 243.2





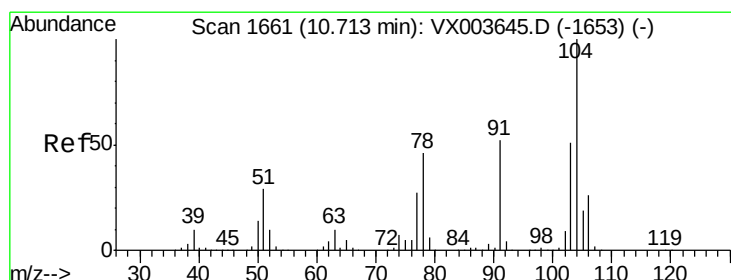
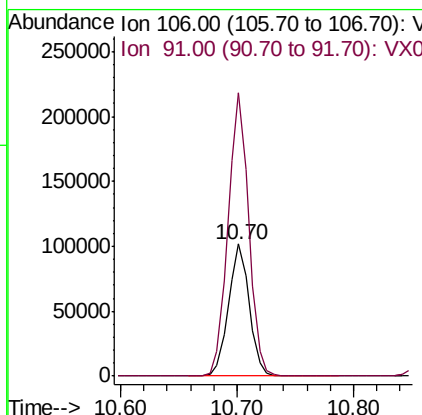
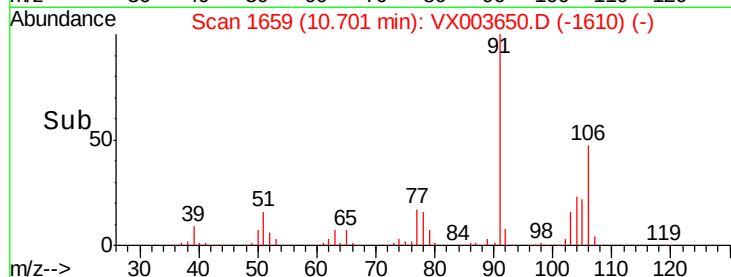
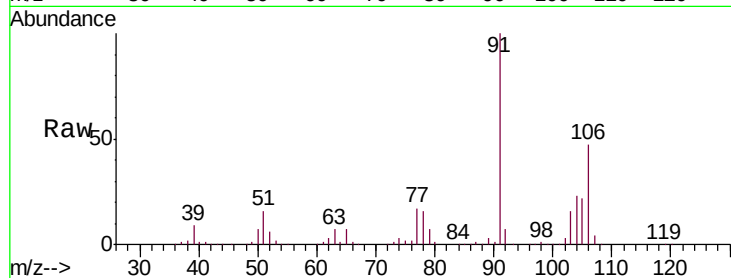
#69  
o-Xylene  
Concen: 51.80 ug/l  
RT: 10.70 min Scan# 1659  
Delta R.T. 0.00 min  
Lab File: VX003650.D  
Acq: 25 Jul 2018 10:15

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion:106 Resp: 126001  
Ion Ratio Lower Upper  
106 100  
91 213.9 107.1 321.1

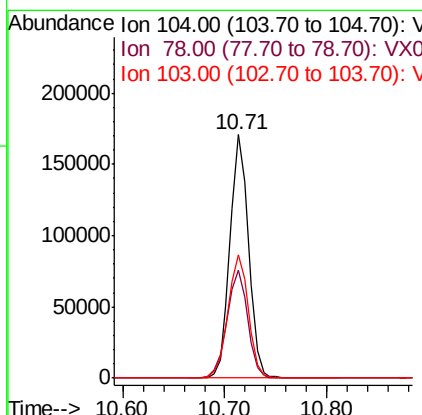
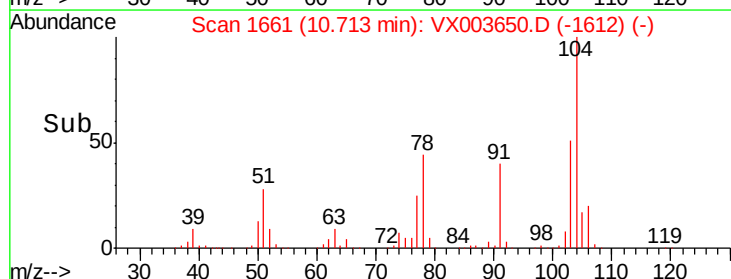
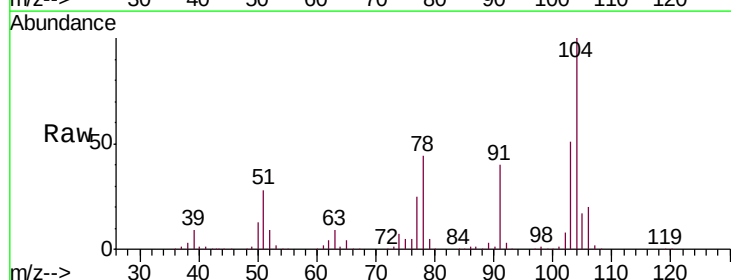
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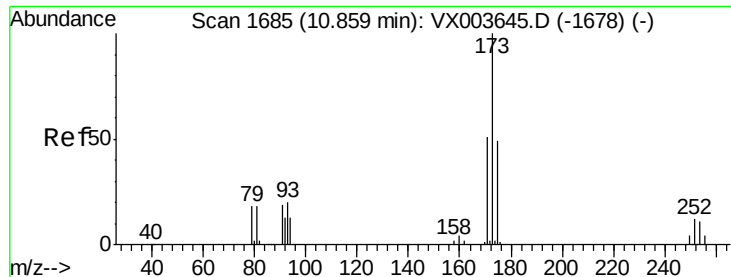


#70  
Styrene  
Concen: 52.60 ug/l  
RT: 10.71 min Scan# 1661  
Delta R.T. 0.00 min  
Lab File: VX003650.D  
Acq: 25 Jul 2018 10:15

Tgt Ion:104 Resp: 214944  
Ion Ratio Lower Upper  
104 100  
78 49.2 39.2 58.8  
103 55.5 44.2 66.4







#71

Bromoform

Concen: 52.06 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003650.D

Acq: 25 Jul 2018 10:15

Instrument :

MSVOA\_X

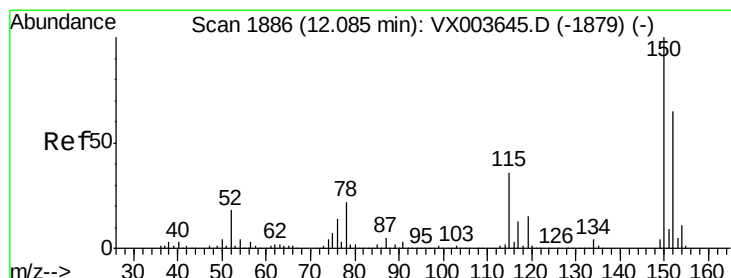
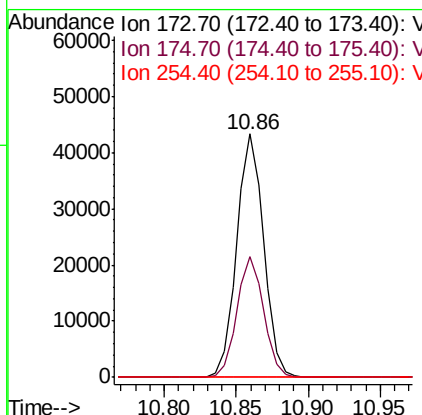
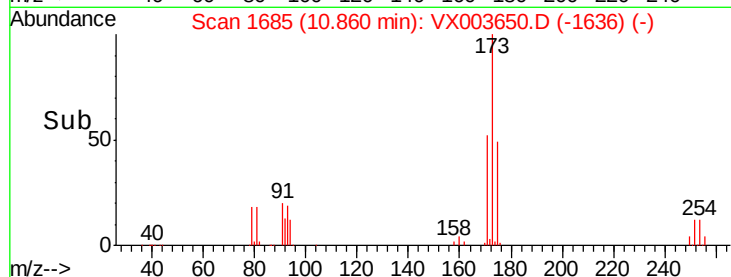
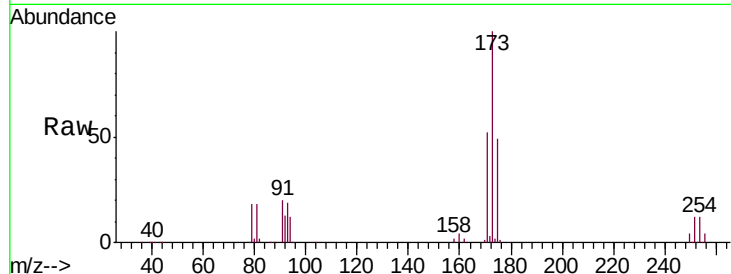
ClientSampled :

VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 49.3  | 24.1  | 72.2  |
| 254     | 0.1   | 0.0   | 0.0#  |

Manual Integrations  
APPROVED

MMDadoda  
7/27/2018 5:29:31 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

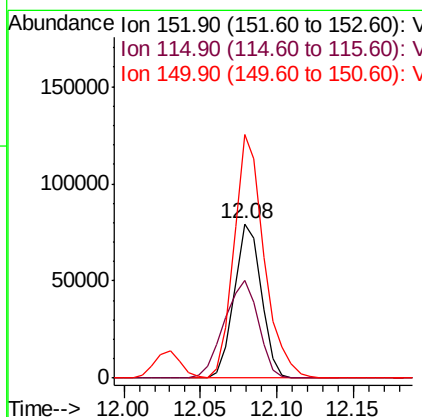
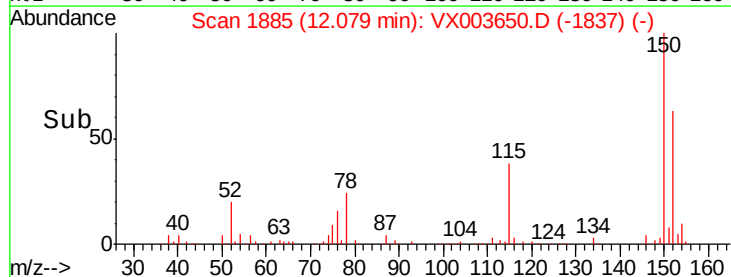
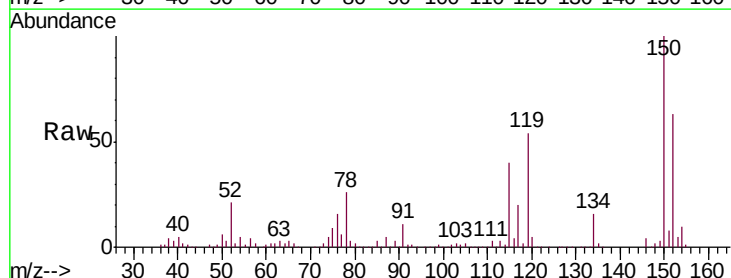
RT: 12.08 min Scan# 1885

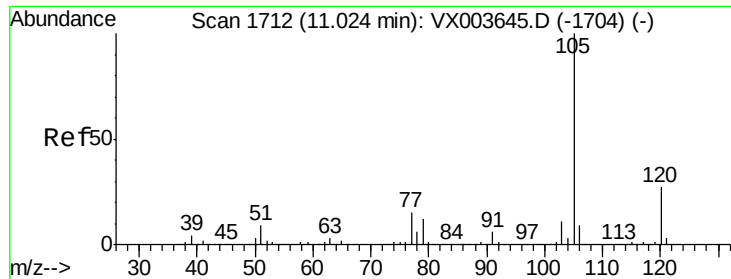
Delta R.T. -0.01 min

Lab File: VX003650.D

Acq: 25 Jul 2018 10:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 79.7  | 40.0  | 119.9 |
| 150     | 173.5 | 0.0   | 348.4 |





#73

Isopropylbenzene

Concen: 50.48 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003650.D

Acq: 25 Jul 2018 10:15

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 337580

Ion Ratio Lower Upper

105 100

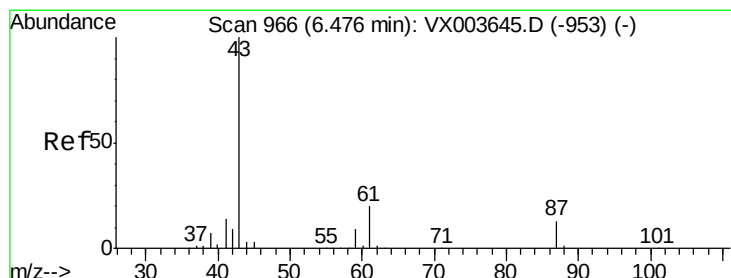
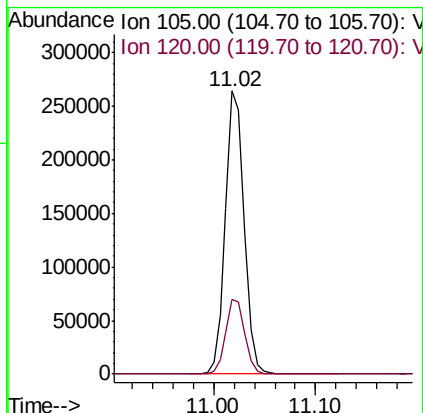
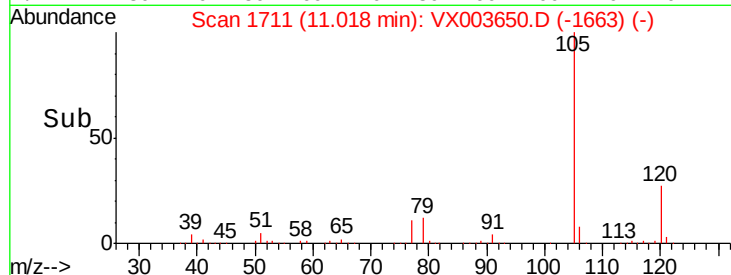
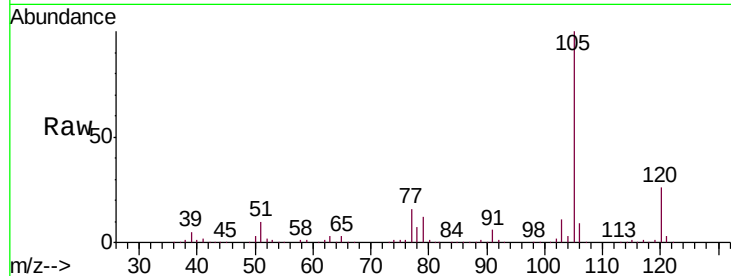
120 26.7 13.5 40.5

Manual Integrations

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#74

N-ethyl acetate

Concen: 48.46 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX003650.D

Acq: 25 Jul 2018 10:15

Tgt Ion: 43 Resp: 169026

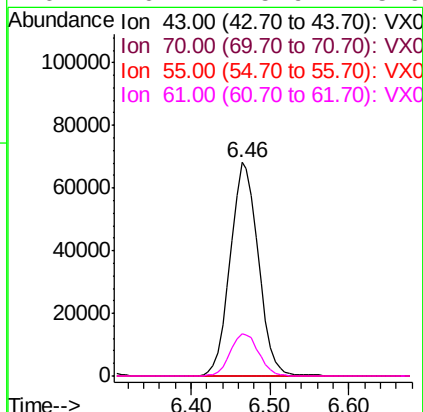
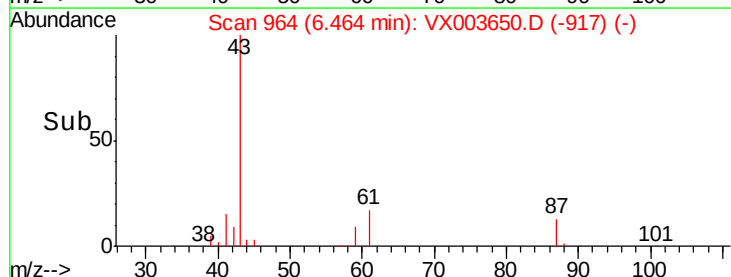
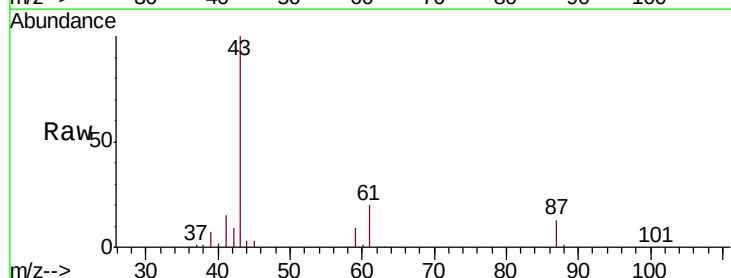
Ion Ratio Lower Upper

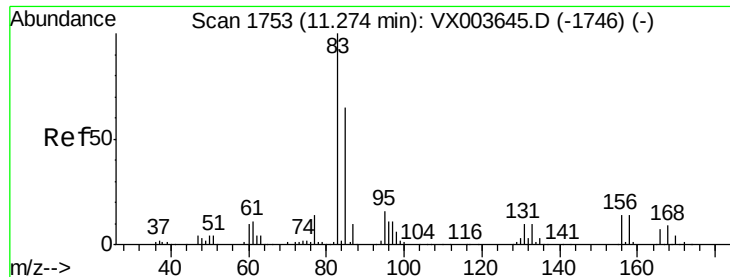
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 20.1 15.9 23.9





#75

1,1,2,2-Tetrachloroethane

Concen: 47.12 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX003650.D

Acq: 25 Jul 2018 10:15

Instrument :

MSVOA\_X

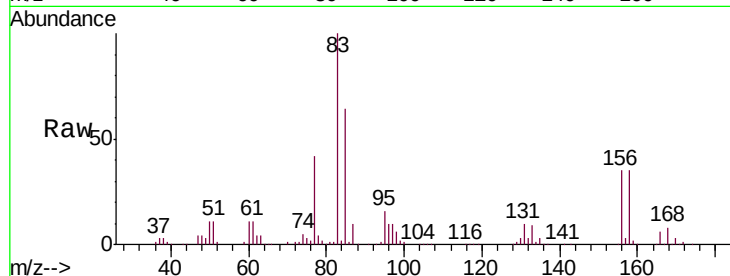
ClientSampleId :

VSTDCCC050

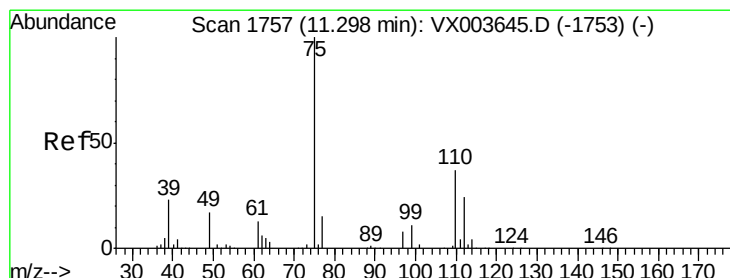
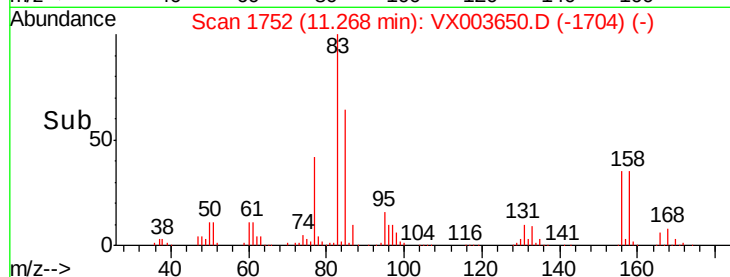
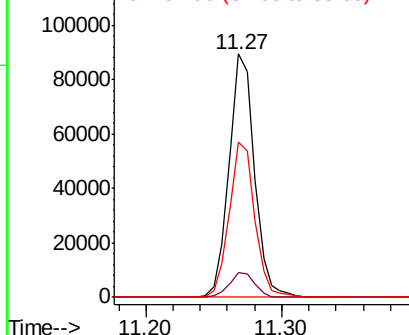
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 116377 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 131      | 10.1  | 5.1   | 15.4   |
| 85       | 64.3  | 31.9  | 95.9   |

Manual Integrations  
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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: 49.92 ug/l m

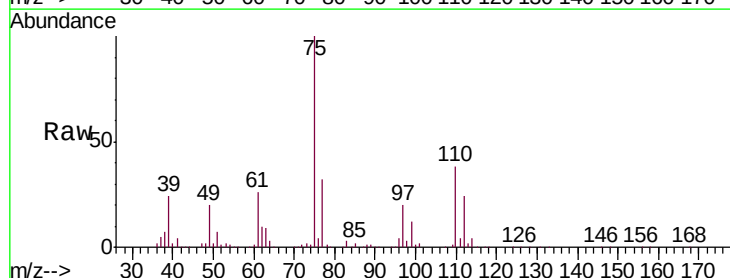
RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

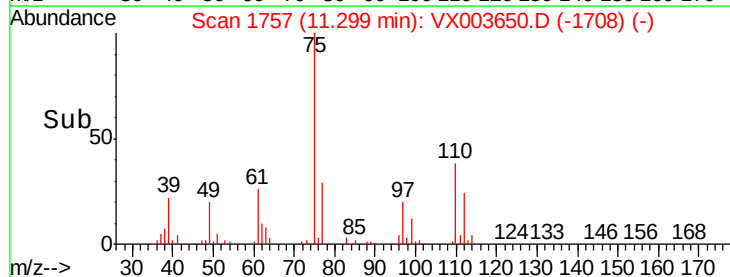
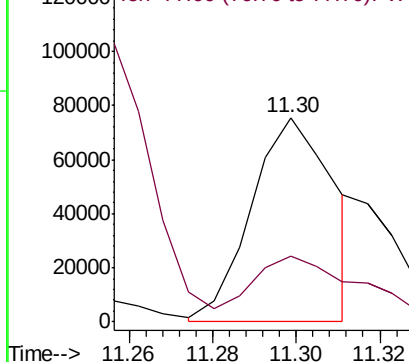
Lab File: VX003650.D

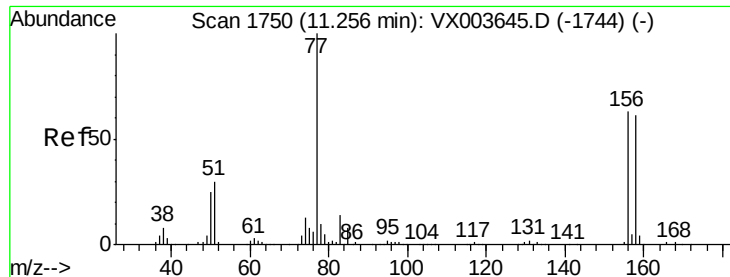
Acq: 25 Jul 2018 10:15

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 102494 |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 77       | 42.9  | 21.6  | 64.6   |



Abundance Ion 74.90 (74.60 to 75.60): VX0  
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.10 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003650.D

Acq: 25 Jul 2018 10:15

Instrument :

MSVOA\_X

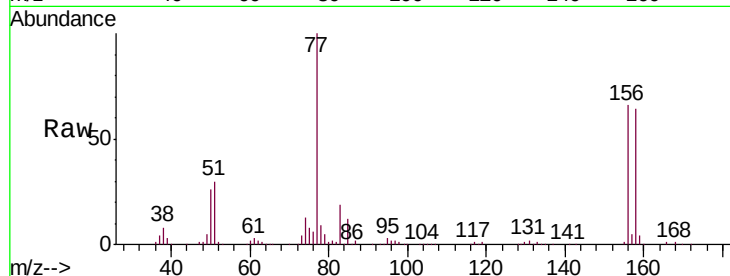
ClientSampled :

VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 149.3 | 74.9  | 224.6 |
| 158     | 97.1  | 48.4  | 145.2 |

Manual Integrations  
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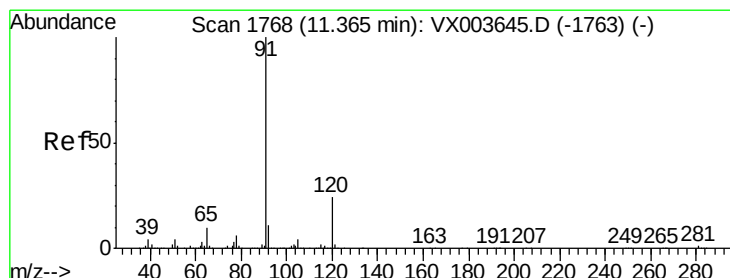
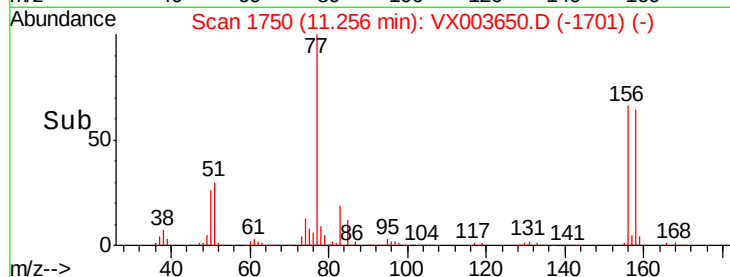
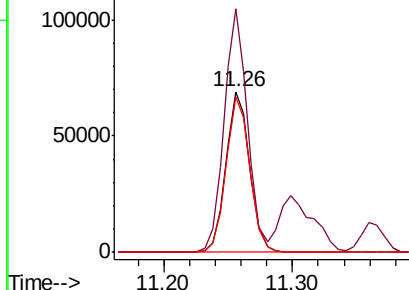
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.62 ug/l

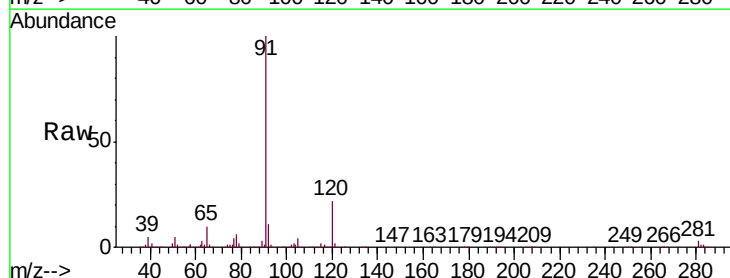
RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003650.D

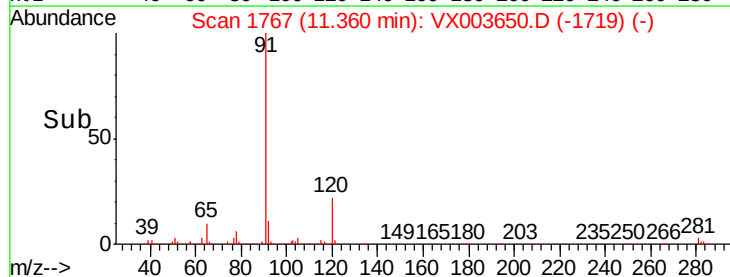
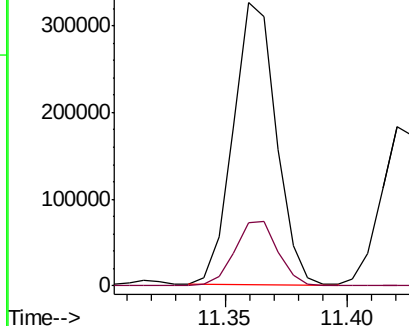
Acq: 25 Jul 2018 10:15

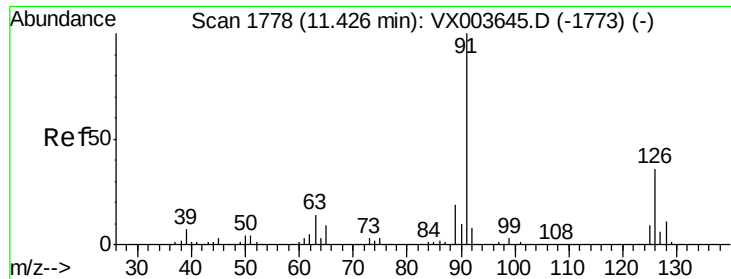
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 23.2  | 11.8  | 35.3  |



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.53 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.01 min

Lab File: VX003650.D

Acq: 25 Jul 2018 10:15

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 232500

Ion Ratio Lower Upper

91 100

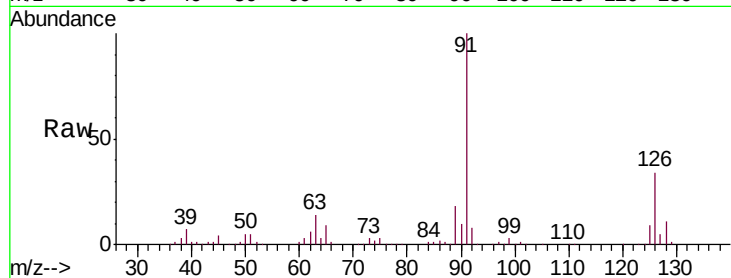
126 34.8 17.3 52.0

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX003645.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX003645.D (-1773) (-)

300000

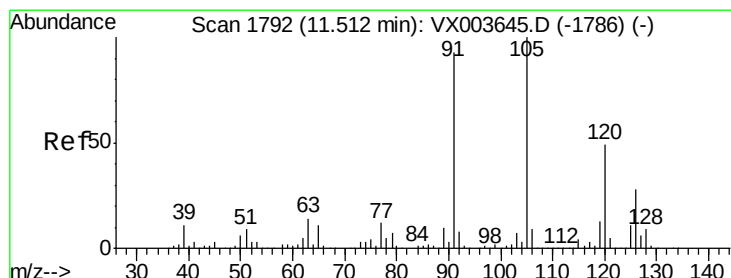
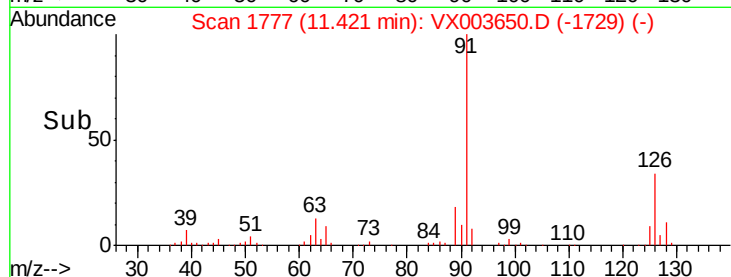
200000

100000

0

11.40 11.45 11.50

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 51.47 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX003650.D

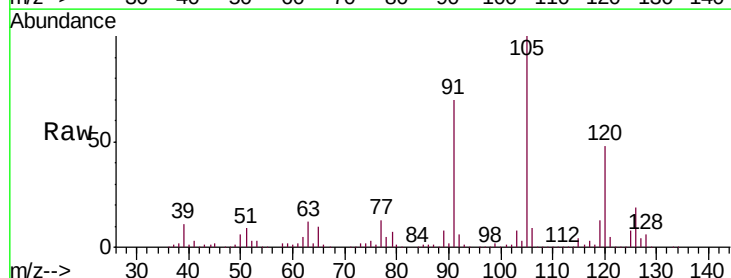
Acq: 25 Jul 2018 10:15

Tgt Ion: 105 Resp: 291212

Ion Ratio Lower Upper

105 100

120 48.8 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX003645.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX003645.D (-1786) (-)

250000

200000

150000

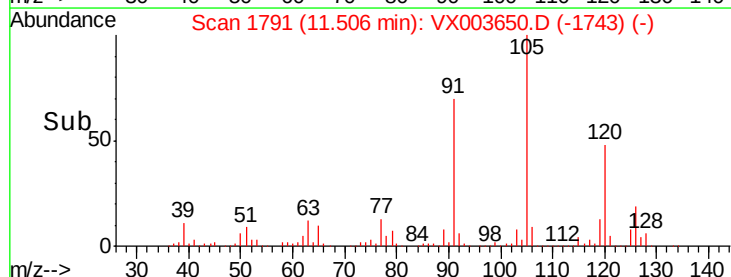
100000

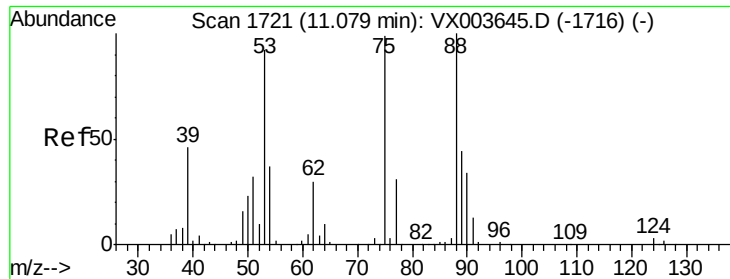
50000

0

11.40 11.50 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 54.58 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003650.D

Acq: 25 Jul 2018 10:15

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 36166

Ion Ratio Lower Upper

75 100

53 98.7 77.8 116.8

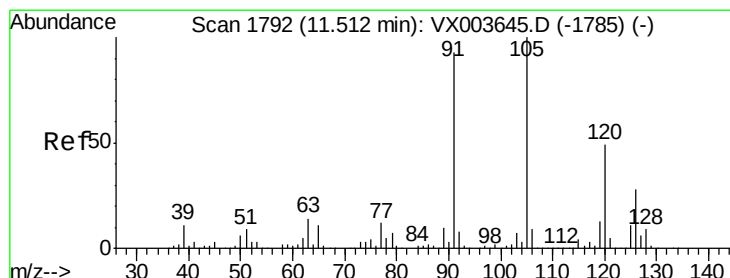
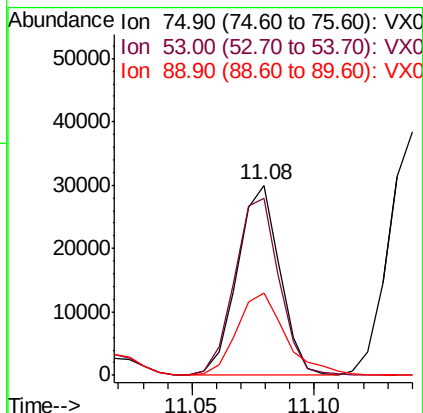
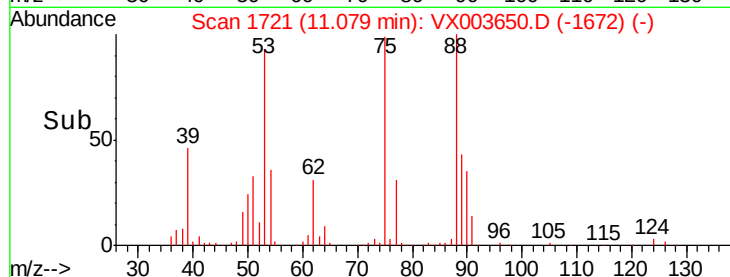
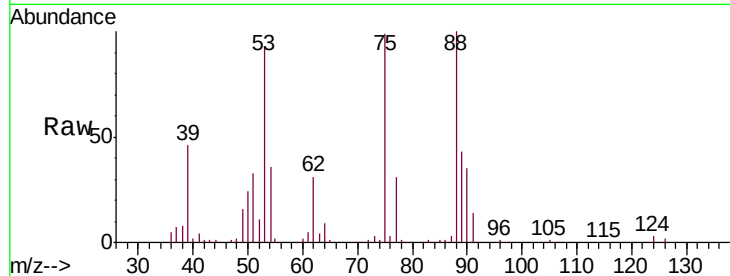
89 50.1 36.6 54.8

Manual Integrations

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#82

4-Chlorotoluene

Concen: 50.29 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003650.D

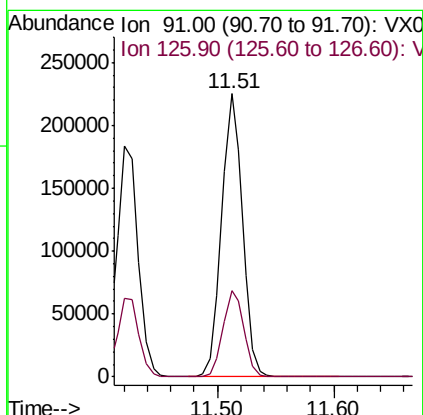
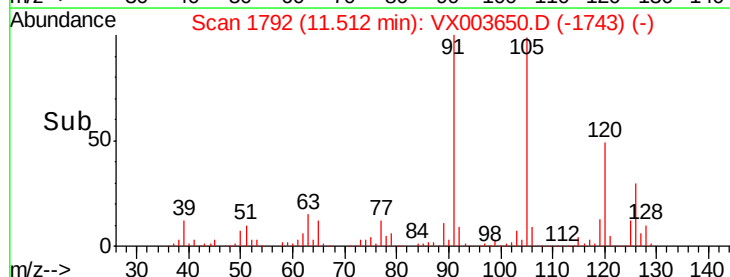
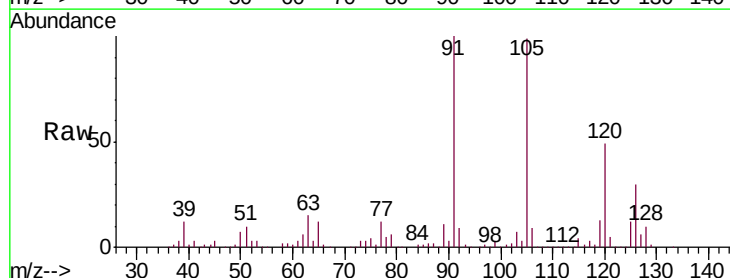
Acq: 25 Jul 2018 10:15

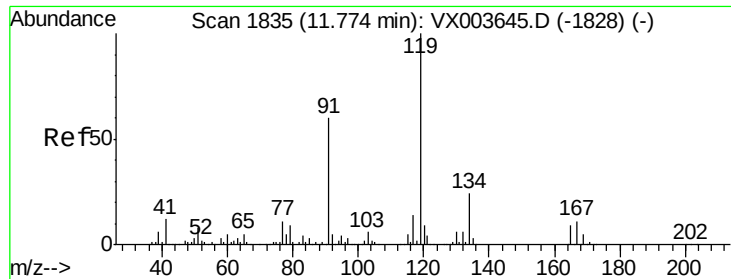
Tgt Ion: 91 Resp: 278027

Ion Ratio Lower Upper

91 100

126 30.7 15.4 46.1





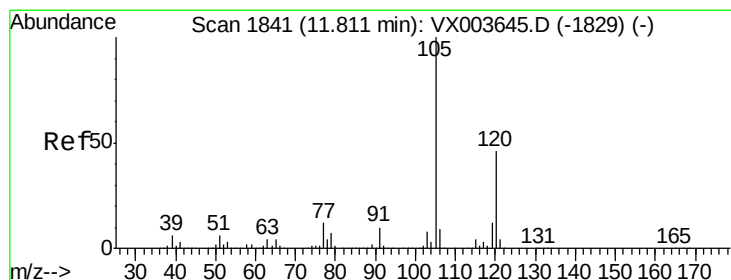
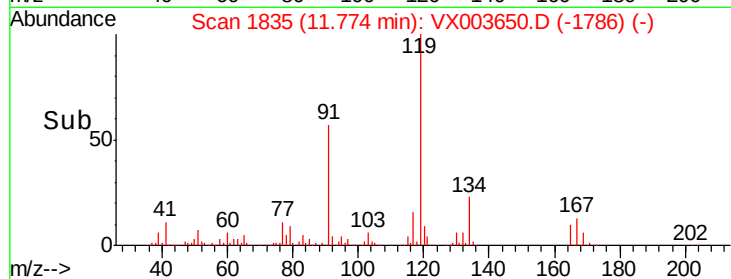
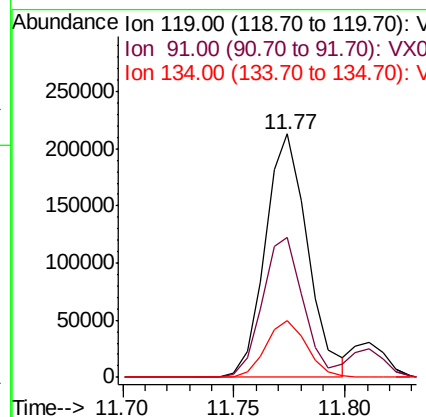
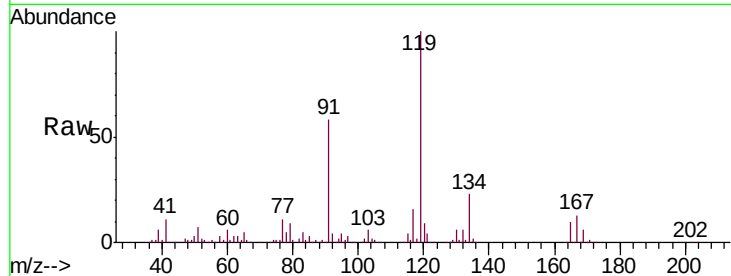
#83  
 tert-Butylbenzene  
 Concen: 50.89 ug/l  
 RT: 11.77 min Scan# 1835  
 Delta R.T. 0.00 min  
 Lab File: VX003650.D  
 Acq: 25 Jul 2018 10:15

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 281754 |       |       |
| 91      | 55.1  |        | 28.4  | 85.2  |
| 134     | 22.6  |        | 11.6  | 34.8  |

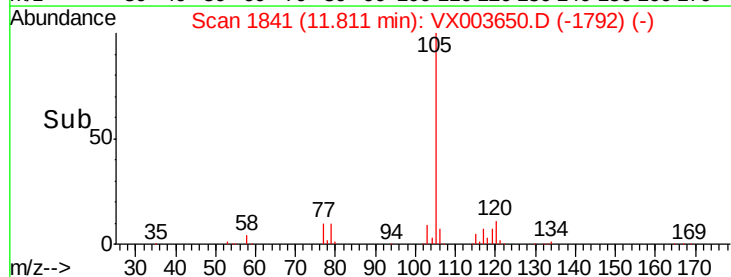
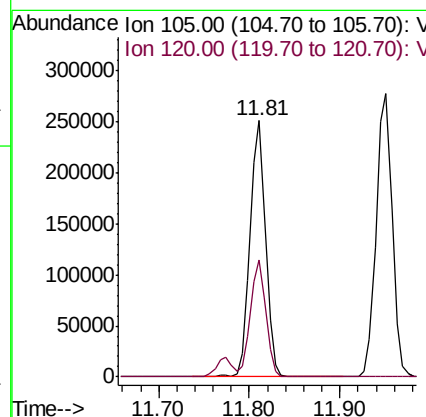
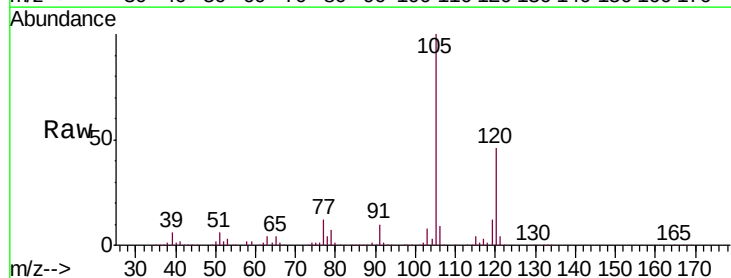
Manual Integrations  
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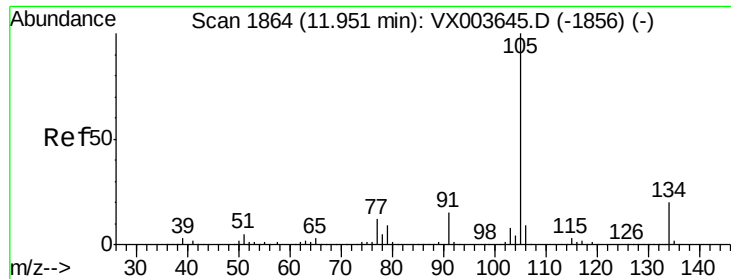
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 51.72 ug/l  
 RT: 11.81 min Scan# 1841  
 Delta R.T. 0.00 min  
 Lab File: VX003650.D  
 Acq: 25 Jul 2018 10:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 300763 |       |       |
| 120     | 45.2  |        | 22.6  | 67.8  |





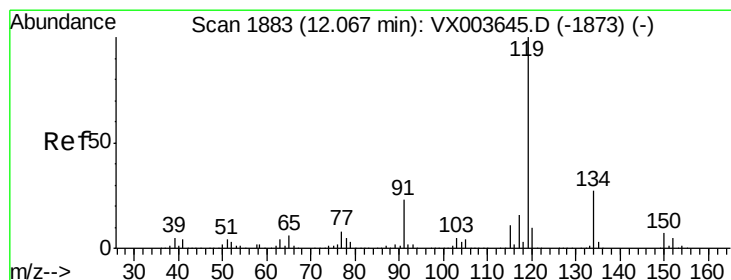
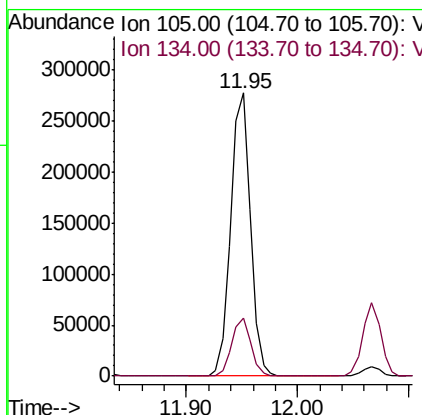
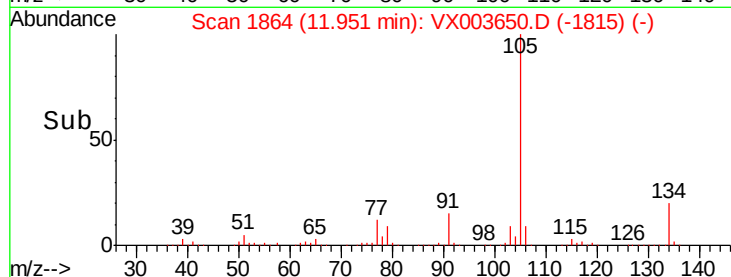
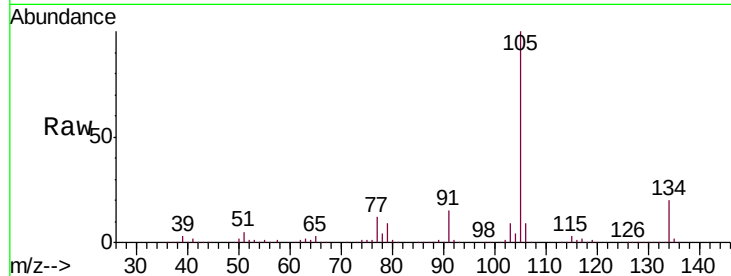
#85  
 sec-Butylbenzene  
 Concen: 51.46 ug/l  
 RT: 11.95 min Scan# 1864  
 Delta R.T. 0.00 min  
 Lab File: VX003650.D  
 Acq: 25 Jul 2018 10:15

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Tot Ion:105 Resp: 340037  
 Ion Ratio Lower Upper  
 105 100  
 134 20.1 10.1 30.1

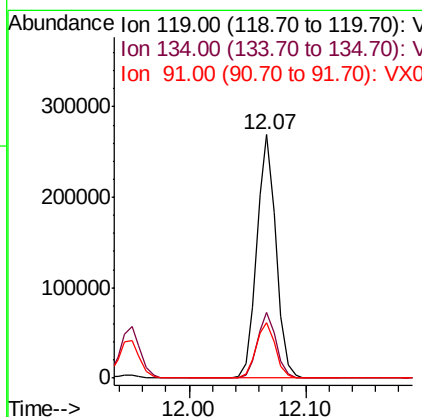
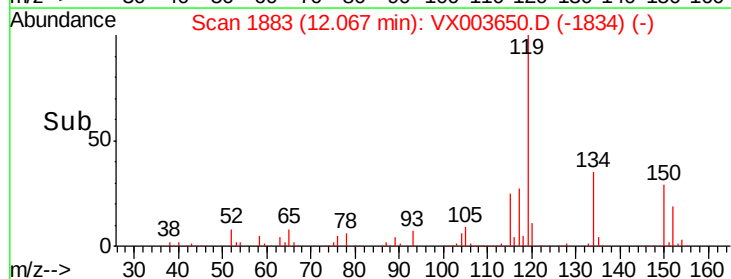
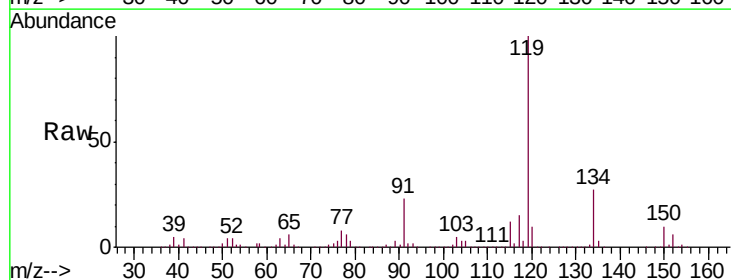
Manual Integrations  
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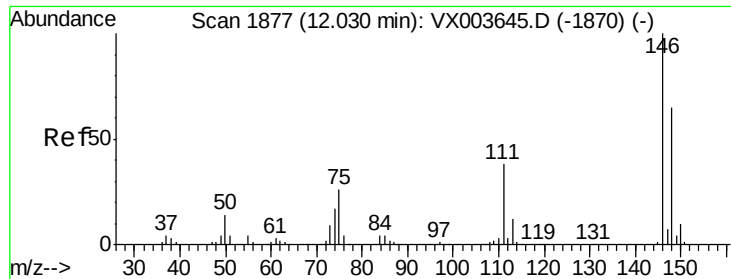


#86  
 p-Isopropyltoluene  
 Concen: 51.81 ug/l  
 RT: 12.07 min Scan# 1883  
 Delta R.T. 0.00 min  
 Lab File: VX003650.D  
 Acq: 25 Jul 2018 10:15

Tgt Ion:119 Resp: 307326  
 Ion Ratio Lower Upper  
 119 100  
 134 26.7 13.3 39.9  
 91 23.1 11.5 34.5







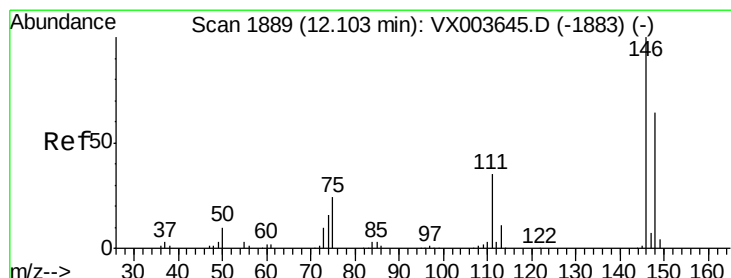
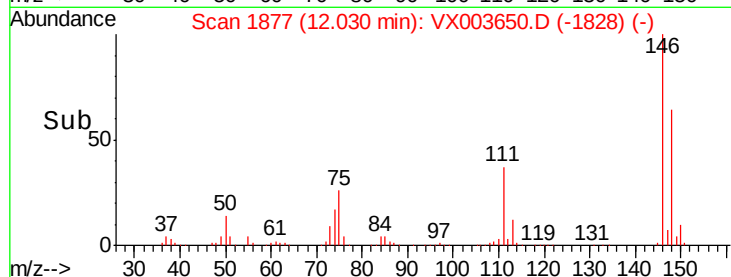
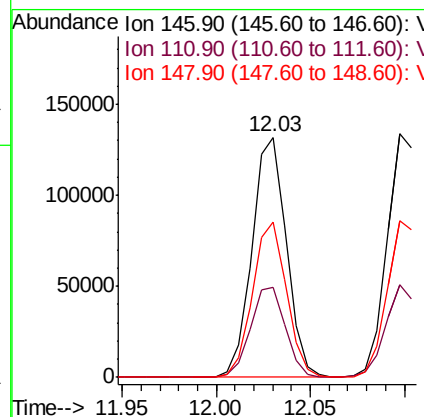
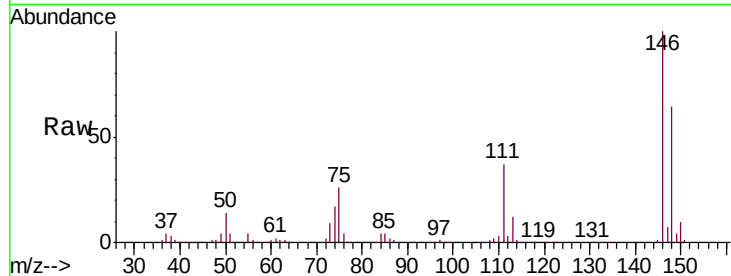
#87  
 1,3-Dichlorobenzene  
 Concen: 49.22 ug/l  
 RT: 12.03 min Scan# 1877  
 Delta R.T. 0.00 min  
 Lab File: VX003650.D  
 Acq: 25 Jul 2018 10:15

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.2  | 19.4  | 58.2  |
| 148     | 63.8  | 32.4  | 97.0  |

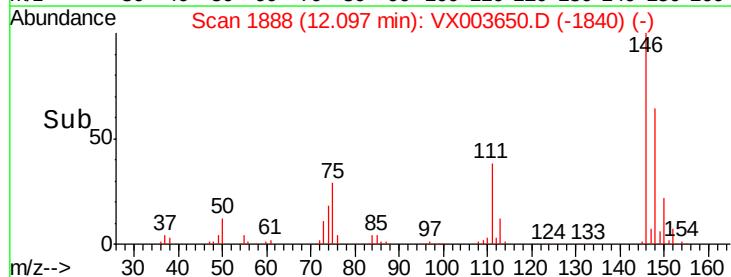
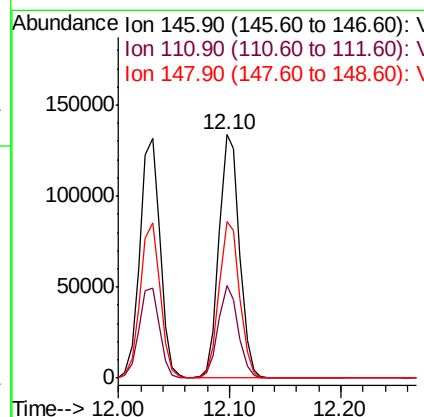
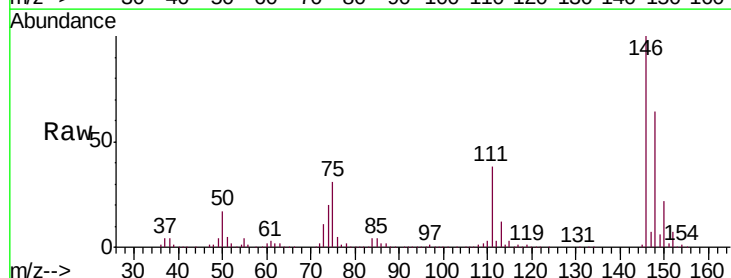
Manual Integrations  
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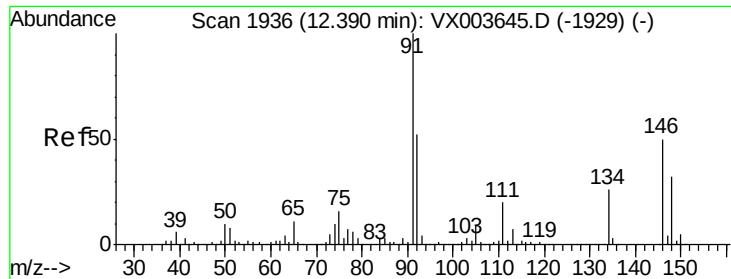
MMDadoda  
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#88  
 1,4-Dichlorobenzene  
 Concen: 48.41 ug/l  
 RT: 12.10 min Scan# 1888  
 Delta R.T. -0.01 min  
 Lab File: VX003650.D  
 Acq: 25 Jul 2018 10:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.4  | 18.6  | 55.6  |
| 148     | 64.4  | 32.0  | 96.2  |





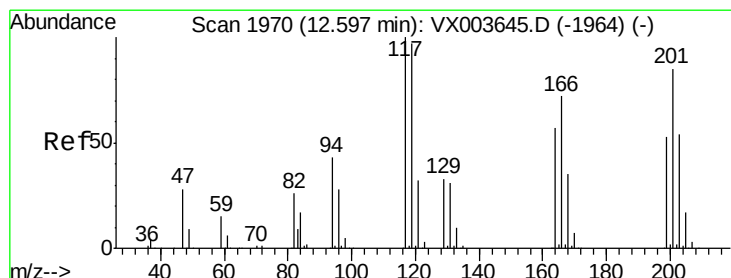
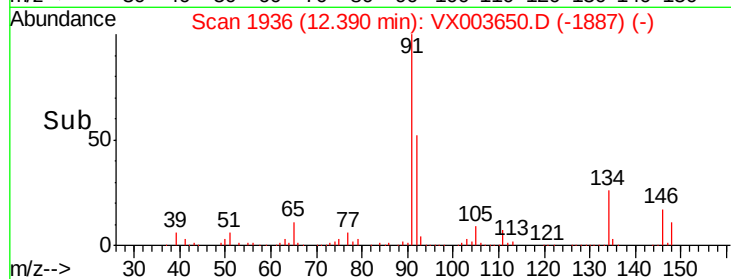
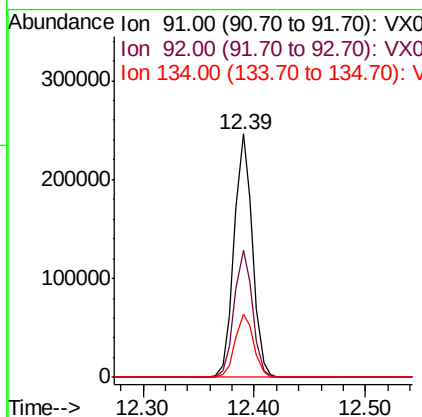
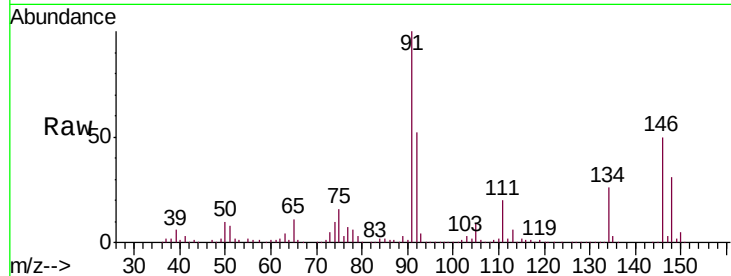
#89  
n-Butylbenzene  
Concen: 52.08 ug/l  
RT: 12.39 min Scan# 1936  
Delta R.T. 0.00 min  
Lab File: VX003650.D  
Acq: 25 Jul 2018 10:15

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.4  | 26.3  | 78.9  |
| 134     | 26.1  | 13.3  | 39.8  |

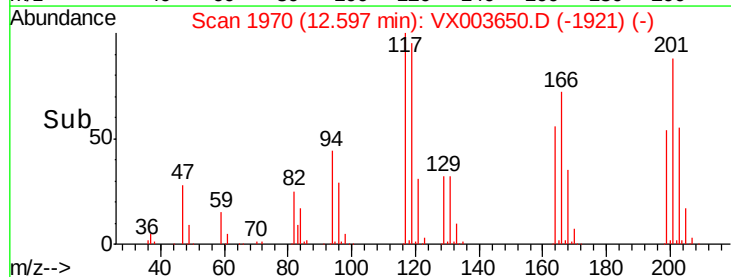
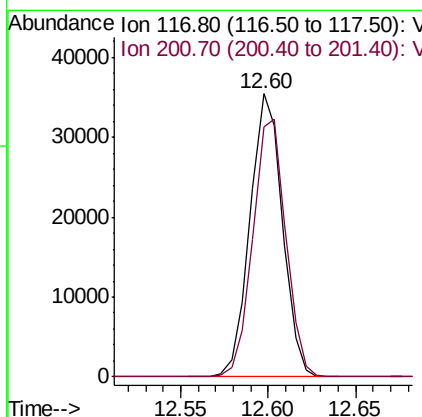
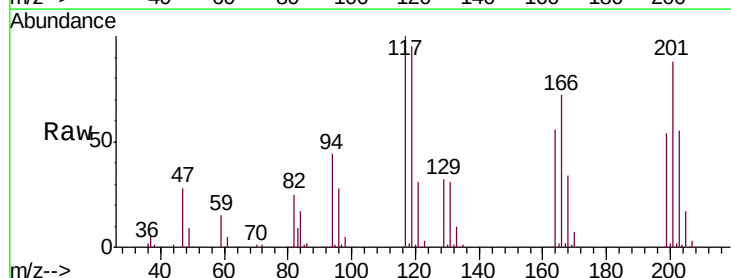
Manual Integrations  
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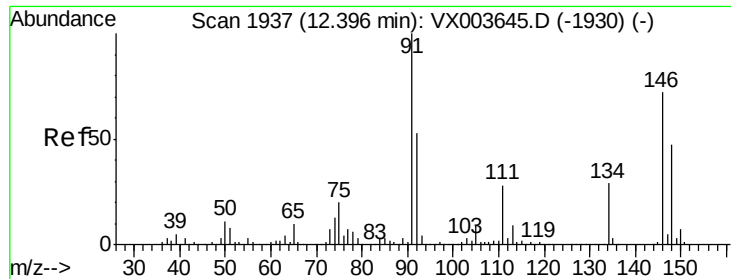
MMDadoda  
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#90  
Hexachloroethane  
Concen: 50.71 ug/l  
RT: 12.60 min Scan# 1970  
Delta R.T. 0.00 min  
Lab File: VX003650.D  
Acq: 25 Jul 2018 10:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 92.6  | 46.2  | 138.5 |





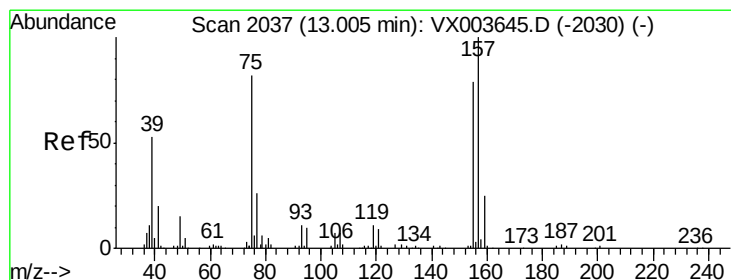
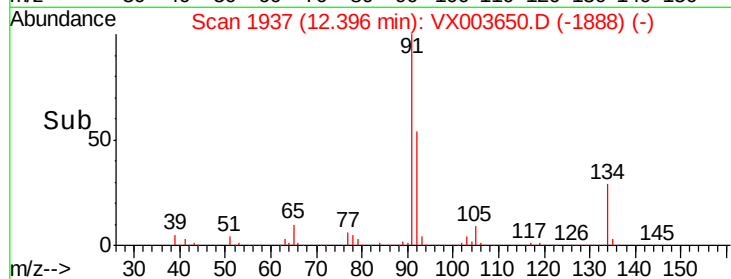
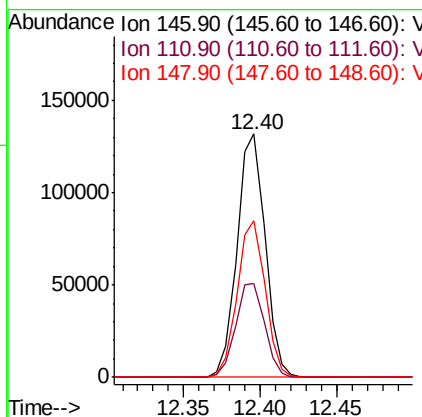
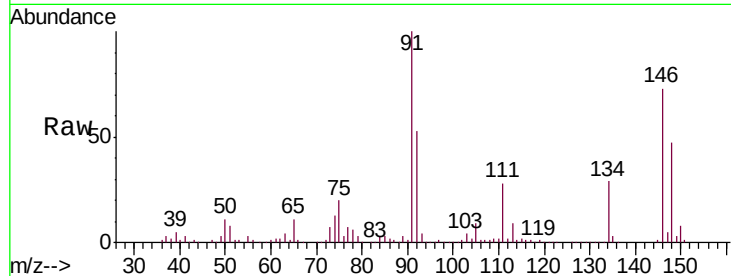
#91  
 1,2-Dichlorobenzene  
 Concen: 48.49 ug/l  
 RT: 12.40 min Scan# 1937  
 Delta R.T. 0.00 min  
 Lab File: VX003650.D  
 Acq: 25 Jul 2018 10:15

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.7  | 19.8  | 59.4  |
| 148     | 64.1  | 32.2  | 96.6  |

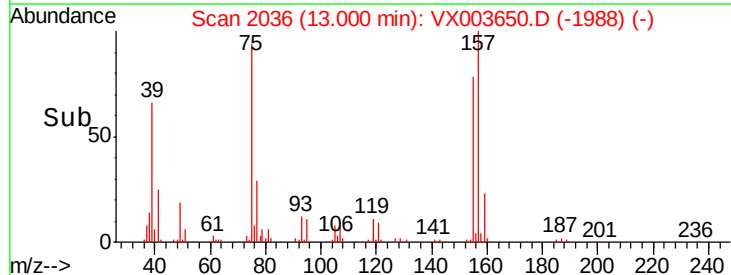
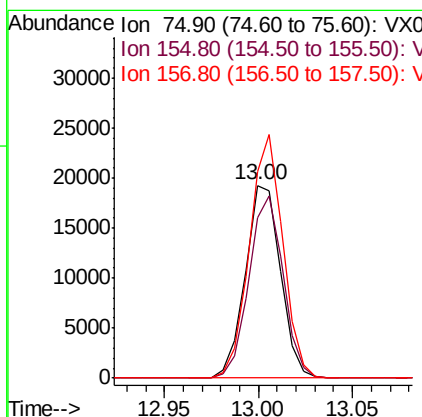
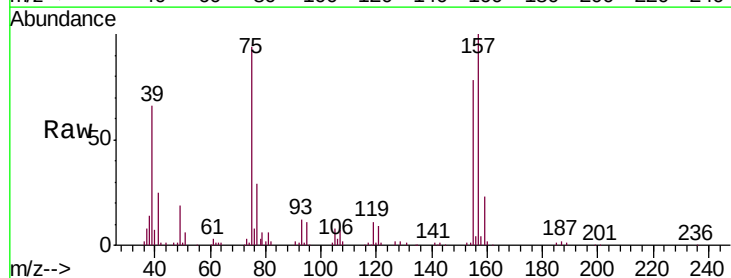
Manual Integrations  
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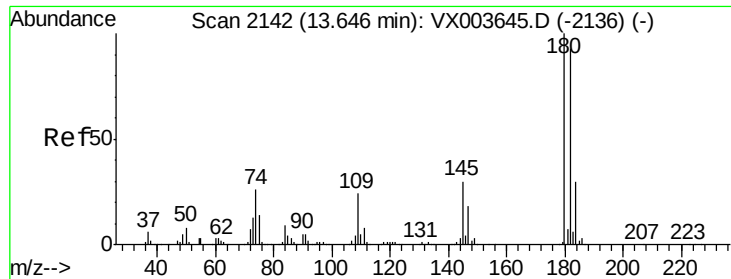
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 48.62 ug/l  
 RT: 13.00 min Scan# 2036  
 Delta R.T. -0.01 min  
 Lab File: VX003650.D  
 Acq: 25 Jul 2018 10:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 91.7  | 46.1  | 138.3 |
| 157     | 119.2 | 59.7  | 179.0 |





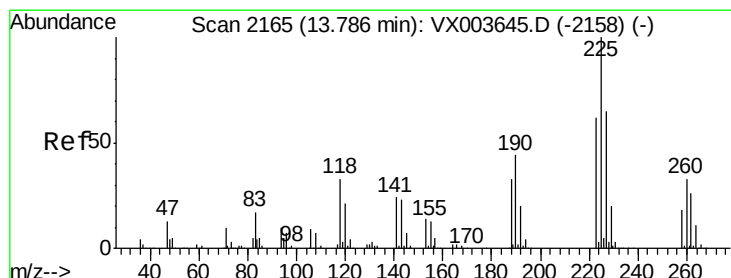
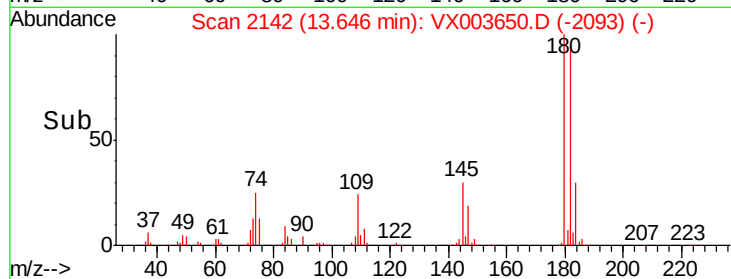
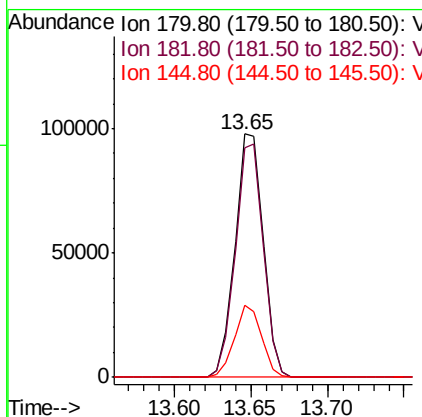
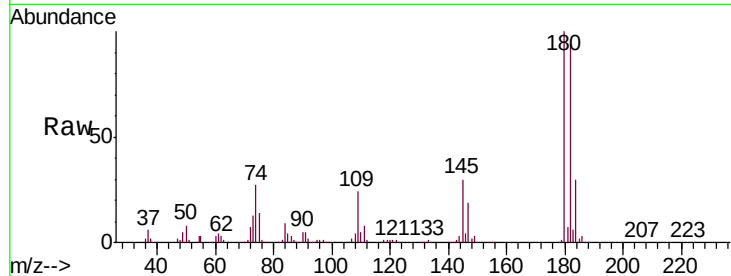
#93  
 1,2,4-Trichlorobenzene  
 Concen: 50.62 ug/l  
 RT: 13.65 min Scan# 2142  
 Delta R.T. 0.00 min  
 Lab File: VX003650.D  
 Acq: 25 Jul 2018 10:15

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDCCC050

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 180     | 100   |      |       |       |
| 182     | 95.1  | 47.9 | 143.8 |       |
| 145     | 28.5  | 14.4 | 43.2  |       |

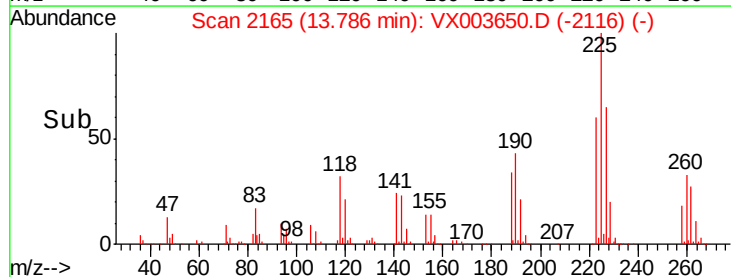
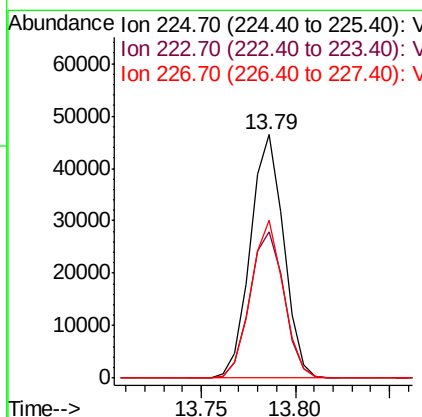
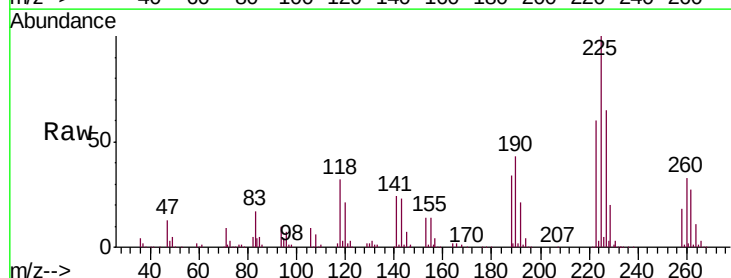
Manual Integrations  
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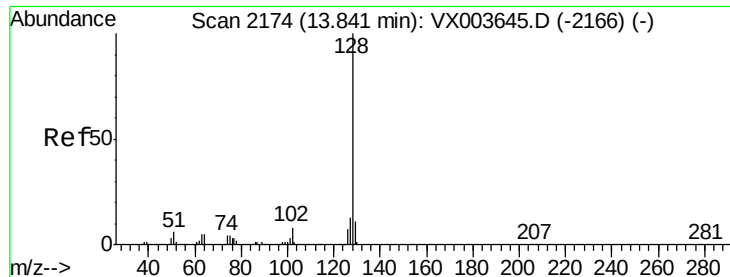
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#94  
 Hexachlorobutadiene  
 Concen: 49.80 ug/l  
 RT: 13.79 min Scan# 2165  
 Delta R.T. 0.00 min  
 Lab File: VX003650.D  
 Acq: 25 Jul 2018 10:15

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 62.2  | 30.9 | 92.5  |       |
| 227     | 63.5  | 31.9 | 95.7  |       |





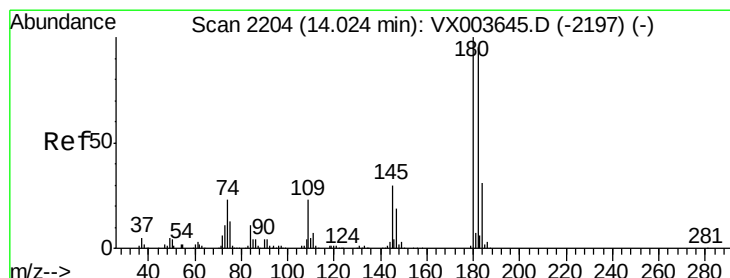
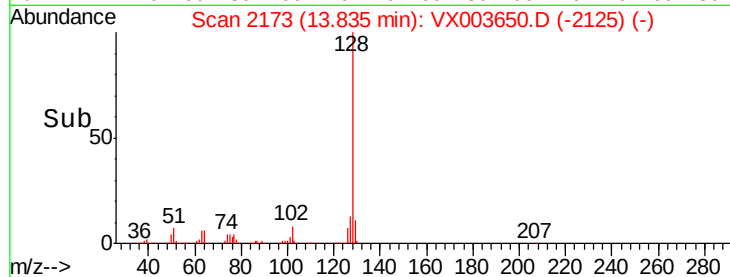
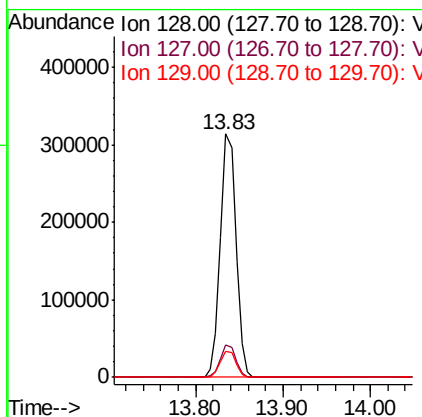
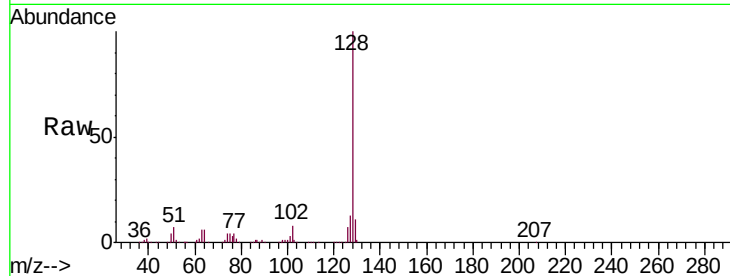
#95  
Naphthalene  
Concen: 52.17 ug/l  
RT: 13.83 min Scan# 2173  
Delta R.T. -0.01 min  
Lab File: VX003650.D  
Acq: 25 Jul 2018 10:15

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.9  | 10.4  | 15.6  |
| 129     | 10.8  | 8.7   | 13.1  |

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 50.65 ug/l  
RT: 14.02 min Scan# 2204  
Delta R.T. 0.00 min  
Lab File: VX003650.D  
Acq: 25 Jul 2018 10:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.8  | 47.6  | 142.8 |
| 145     | 29.9  | 15.0  | 45.1  |

