

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061019\  
 Data File : VX010165.D  
 Acq On : 10 Jun 2019 09:47  
 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  
 6/11/2019 11:54:23 AM

Quant Time: Jun 11 06:52:19 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X060719W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 08 02:12:13 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.66  | 168  | 298905   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 437425   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 395980   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 209959   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.06  | 65   | 130524   | 44.74 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 89.48% |          |
| 35) Dibromofluoromethane    | 5.49  | 113  | 130784   | 48.47 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 96.94% |          |
| 50) Toluene-d8              | 8.71  | 98   | 497056   | 49.15 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.30% |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 187770   | 49.72 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.44% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85   | 142786   | 51.916  | ug/l   | 98     |
| 3) Chloromethane              | 1.32 | 50   | 131818   | 48.260  | ug/l   | 98     |
| 4) Vinyl Chloride             | 1.41 | 62   | 133645   | 52.060  | ug/l   | 99     |
| 5) Bromomethane               | 1.64 | 94   | 51430    | 53.090  | ug/l   | 99     |
| 6) Chloroethane               | 1.71 | 64   | 72824    | 56.265  | ug/l   | 99     |
| 7) Trichlorofluoromethane     | 1.92 | 101  | 206652   | 54.192  | ug/l   | 99     |
| 8) Diethyl Ether              | 2.18 | 74   | 69383    | 52.790  | ug/l   | 77     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101  | 124134   | 47.225  | ug/l   | 92     |
| 10) Methyl Iodide             | 2.51 | 142  | 196164   | 48.166  | ug/l   | 97     |
| 11) Tert butyl alcohol        | 3.05 | 59   | 161746   | 226.299 | ug/l   | 99     |
| 12) 1,1-Dichloroethene        | 2.37 | 96   | 121384   | 45.211  | ug/l # | 80     |
| 13) Acrolein                  | 2.29 | 56   | 37343    | 286.534 | ug/l   | 92     |
| 14) Allyl chloride            | 2.73 | 41   | 182466   | 45.024  | ug/l # | 88     |
| 15) Acrylonitrile             | 3.14 | 53   | 332882   | 227.857 | ug/l   | 98     |
| 16) Acetone                   | 2.44 | 43   | 394130   | 287.206 | ug/l   | 89     |
| 17) Carbon Disulfide          | 2.57 | 76   | 342497   | 44.150  | ug/l   | 98     |
| 18) Methyl Acetate            | 2.77 | 43   | 133710   | 44.305  | ug/l # | 83     |
| 19) Methyl tert-butyl Ether   | 3.19 | 73   | 388973   | 45.096  | ug/l   | 95     |
| 20) Methylene Chloride        | 2.85 | 84   | 138652   | 46.006  | ug/l # | 77     |
| 21) trans-1,2-Dichloroethene  | 3.16 | 96   | 131269   | 44.181  | ug/l # | 81     |
| 22) Diisopropyl ether         | 3.85 | 45   | 365334   | 47.150  | ug/l # | 83     |
| 23) Vinyl Acetate             | 3.81 | 43   | 1626822  | 235.347 | ug/l # | 87     |
| 24) 1,1-Dichloroethane        | 3.70 | 63   | 213203   | 45.319  | ug/l   | 96     |
| 25) 2-Butanone                | 4.67 | 43   | 524728   | 256.783 | ug/l # | 81     |
| 26) 2,2-Dichloropropane       | 4.58 | 77   | 194355   | 45.285  | ug/l   | 93     |
| 27) cis-1,2-Dichloroethene    | 4.59 | 96   | 152588   | 46.164  | ug/l   | 79     |
| 28) Bromochloromethane        | 5.01 | 49   | 97432    | 46.211  | ug/l # | 47     |
| 29) Tetrahydrofuran           | 5.12 | 42   | 290339   | 226.081 | ug/l # | 75     |
| 30) Chloroform                | 5.21 | 83   | 225965   | 46.249  | ug/l   | 99     |
| 31) Cyclohexane               | 5.57 | 56   | 204155   | 48.083  | ug/l # | 75     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97   | 206241   | 44.902  | ug/l   | 93     |
| 36) 1,1-Dichloropropene       | 5.79 | 75   | 170820   | 47.866  | ug/l   | 92     |
| 37) Ethyl Acetate             | 4.82 | 43   | 172739   | 46.521  | ug/l # | 92     |
| 38) Carbon Tetrachloride      | 5.78 | 117  | 189846   | 46.999  | ug/l   | 99     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061019\  
 Data File : VX010165.D  
 Acq On : 10 Jun 2019 09:47  
 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  
 6/11/2019 11:54:23 AM

Quant Time: Jun 11 06:52:19 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X060719W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 08 02:12:13 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 236652   | 48.699  | ug/l # | 84       |
| 40) Benzene                    | 6.14  | 78   | 531552   | 48.169  | ug/l   | 98       |
| 41) Methacrylonitrile          | 5.04  | 41   | 93924    | 46.762  | ug/l # | 84       |
| 42) 1,2-Dichloroethane         | 6.19  | 62   | 162430   | 46.106  | ug/l   | 94       |
| 43) Isopropyl Acetate          | 6.44  | 43   | 290394   | 46.774  | ug/l # | 89       |
| 44) Trichloroethene            | 7.21  | 130  | 159534   | 47.961  | ug/l   | 87       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 132383   | 47.930  | ug/l   | 98       |
| 46) Dibromomethane             | 7.66  | 93   | 95278    | 46.045  | ug/l   | 90       |
| 47) Bromodichloromethane       | 7.90  | 83   | 187018   | 48.368  | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.77  | 41   | 138848   | 47.821  | ug/l # | 77       |
| 49) 1,4-Dioxane                | 7.74  | 88   | 79069    | 955.154 | ug/l # | 78       |
| 51) 4-Methyl-2-Pentanone       | 8.64  | 43   | 908947   | 245.074 | ug/l   | 89       |
| 52) Toluene                    | 8.78  | 92   | 347969   | 47.970  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 212573   | 47.530  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 226507   | 47.242  | ug/l # | 87       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 147082   | 49.509  | ug/l   | 96       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 227519   | 48.482  | ug/l # | 82       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 222068   | 47.480  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 520065   | 235.078 | ug/l # | 86       |
| 59) 2-Hexanone                 | 9.49  | 43   | 768675   | 259.940 | ug/l   | 88       |
| 60) Dibromochloromethane       | 9.58  | 129  | 172681   | 49.142  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 159140   | 48.097  | ug/l   | 100      |
| 64) Tetrachloroethene          | 9.34  | 164  | 141118   | 47.983  | ug/l   | 96       |
| 65) Chlorobenzene              | 10.13 | 112  | 400304   | 48.981  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 153214   | 48.749  | ug/l   | 100      |
| 67) Ethyl Benzene              | 10.25 | 91   | 680485   | 48.911  | ug/l   | 94       |
| 68) m/p-Xylenes                | 10.35 | 106  | 532675   | 98.940  | ug/l   | 91       |
| 69) o-Xylene                   | 10.69 | 106  | 262339   | 49.019  | ug/l   | 88       |
| 70) Styrene                    | 10.71 | 104  | 451263   | 49.786  | ug/l   | 95       |
| 71) Bromoform                  | 10.85 | 173  | 145263   | 50.276  | ug/l # | 98       |
| 73) Isopropylbenzene           | 11.02 | 105  | 692842   | 47.272  | ug/l   | 95       |
| 74) N-amyl acetate             | 10.90 | 43   | 271722   | 46.900  | ug/l # | 89       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 227278   | 45.301  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 190495m  | 45.360  | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 191394   | 47.487  | ug/l   | 81       |
| 78) n-propylbenzene            | 11.36 | 91   | 788308   | 48.312  | ug/l   | 94       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 459746   | 46.914  | ug/l   | 91       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 587155   | 47.563  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 87857    | 46.222  | ug/l # | 83       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 531893   | 47.779  | ug/l   | 92       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 595265   | 47.642  | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 592537   | 47.520  | ug/l   | 95       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 699169   | 48.031  | ug/l   | 96       |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 646910   | 48.612  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 342349   | 48.223  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 337311   | 47.133  | ug/l   | 98       |
| 89) n-Butylbenzene             | 12.38 | 91   | 567463   | 49.539  | ug/l   | 97       |
| 90) Hexachloroethane           | 12.59 | 117  | 125955   | 47.514  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 325881   | 47.217  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 50158    | 42.485  | ug/l   | 66       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061019\  
Data File : VX010165.D  
Acq On : 10 Jun 2019 09:47  
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  
6/11/2019 11:54:23 AM

Quant Time: Jun 11 06:52:19 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X060719W.M  
Quant Title : SW846 8260  
QLast Update : Sat Jun 08 02:12:13 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 242500   | 48.000 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 113294   | 50.424 | ug/l  | 100      |
| 95) Naphthalene            | 13.83 | 128  | 732524   | 46.060 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 239698   | 47.985 | ug/l  | 99       |

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

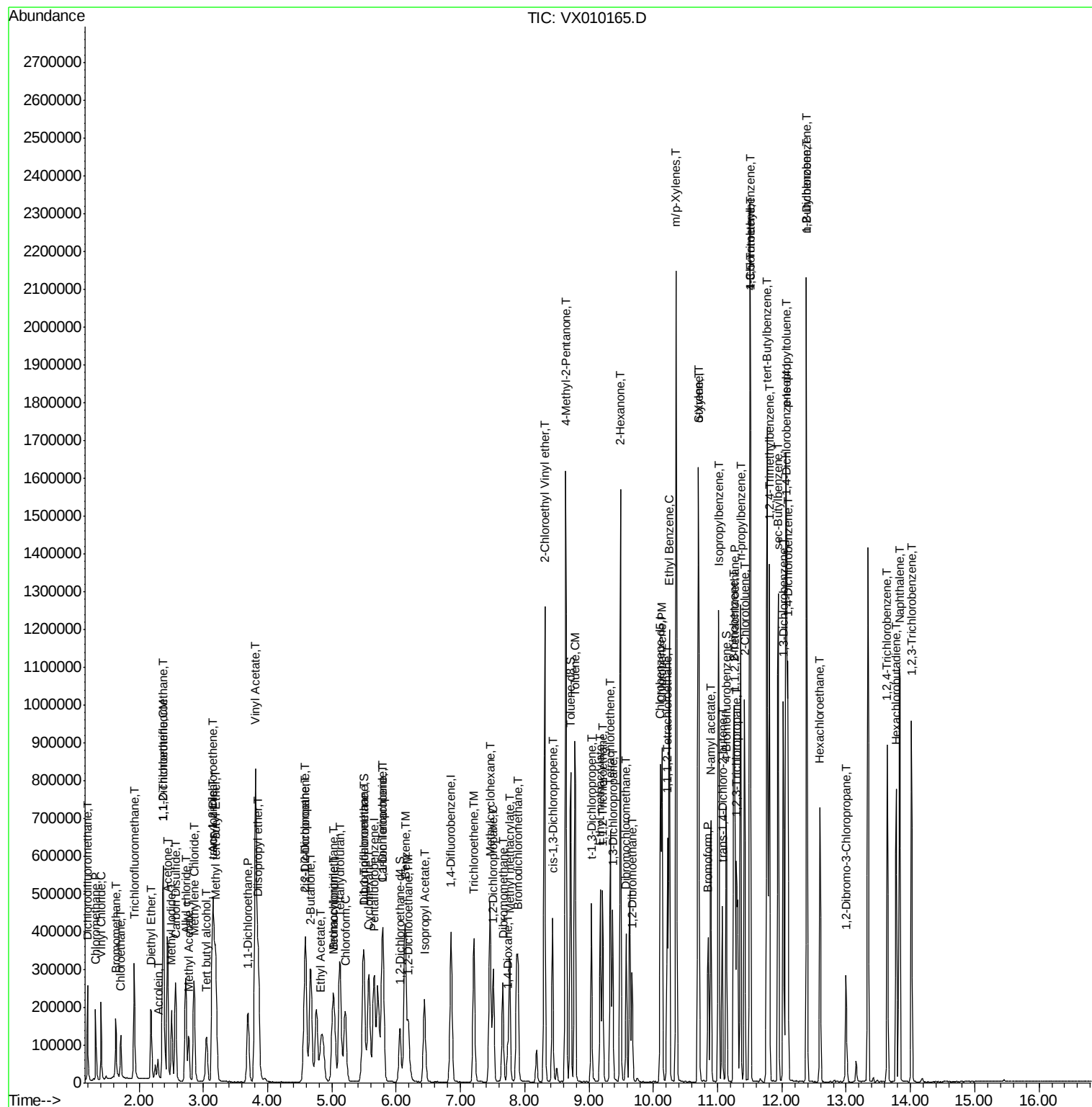
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 Data File : VX010165.D  
 Acq On : 10 Jun 2019 09:47  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

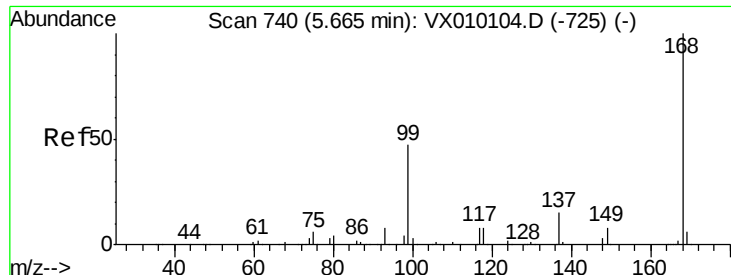
Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 6/11/2019 11:54:23 AM

Quant Time: Jun 11 06:52:19 2019  
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X060719W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 08 02:12:13 2019  
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA\_X

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 298905

Ion Ratio Lower Upper

168 100

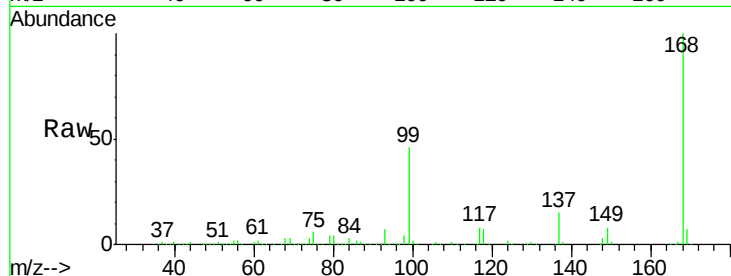
99 45.5 43.0 64.6

Manual Integrations

APPROVED

MMDadoda

6/11/2019 11:54:23 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

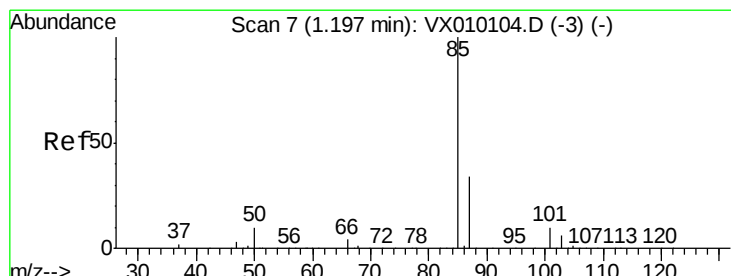
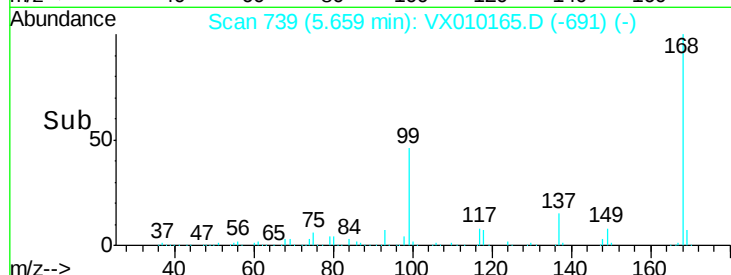
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.916 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010165.D

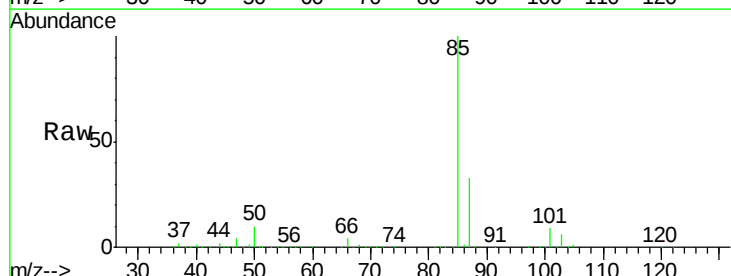
Acq: 10 Jun 2019 09:47

Tgt Ion: 85 Resp: 142786

Ion Ratio Lower Upper

85 100

87 33.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

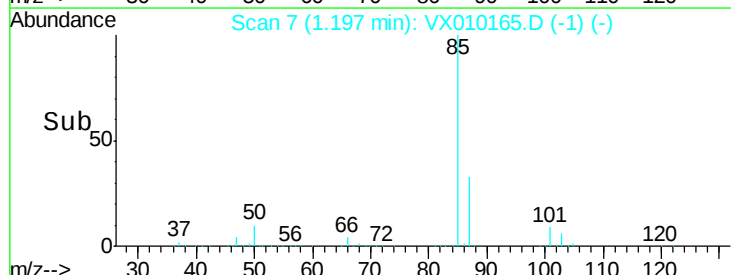
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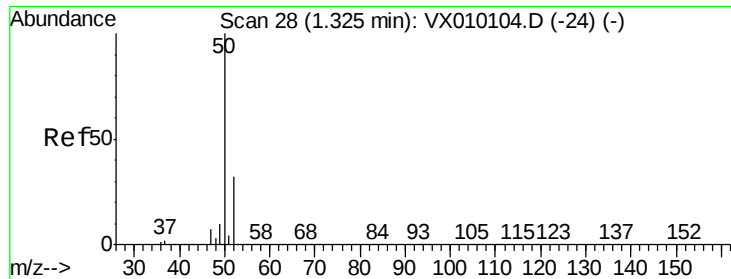
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50000

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Time-->





#3

Chloromethane

Concen: 48.260 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 131818

Ion Ratio Lower Upper

50 100

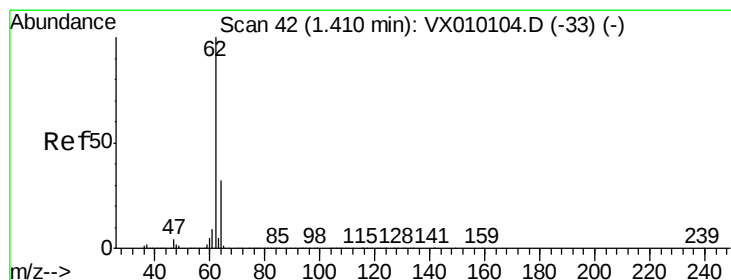
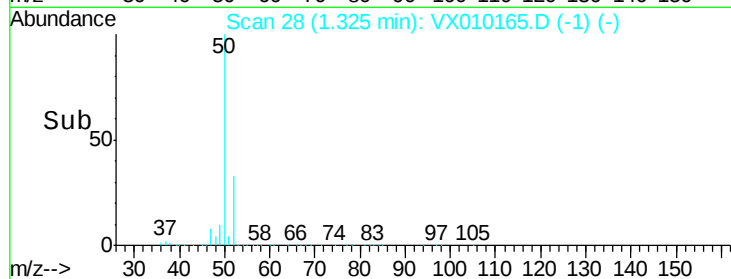
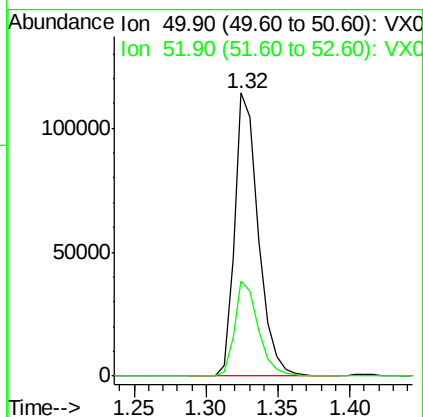
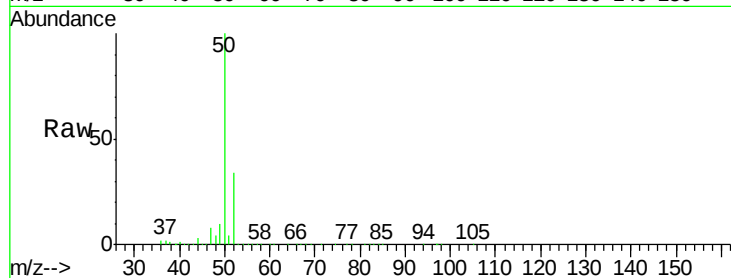
52 33.6 26.0 39.0

Manual Integrations

APPROVED

MMDadoda

6/11/2019 11:54:23 AM



#4

Vinyl Chloride

Concen: 52.060 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010165.D

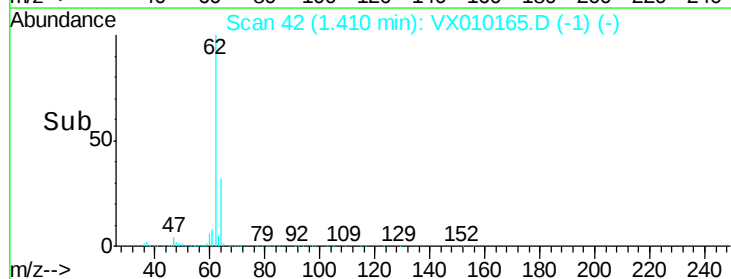
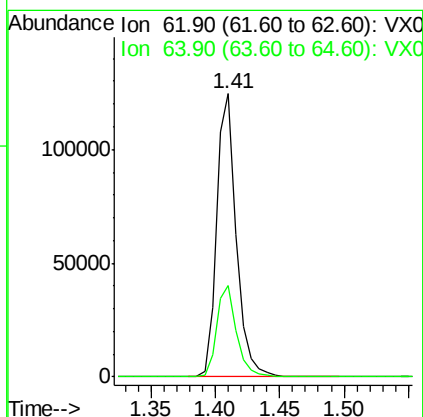
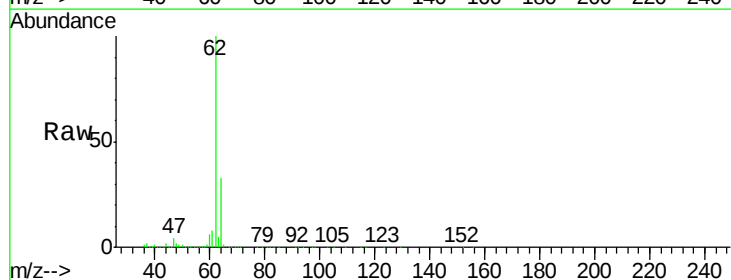
Acq: 10 Jun 2019 09:47

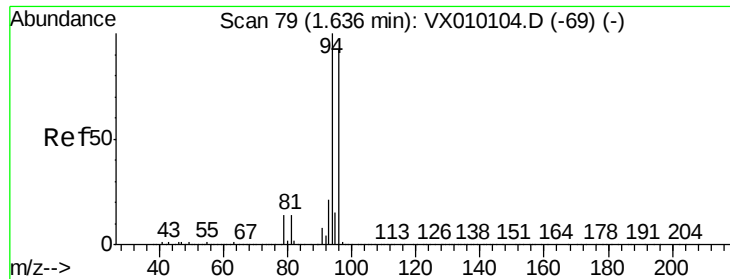
Tgt Ion: 62 Resp: 133645

Ion Ratio Lower Upper

62 100

64 32.4 25.7 38.5





#5

Bromomethane

Concen: 53.090 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 51430

Ion Ratio Lower Upper

94 100

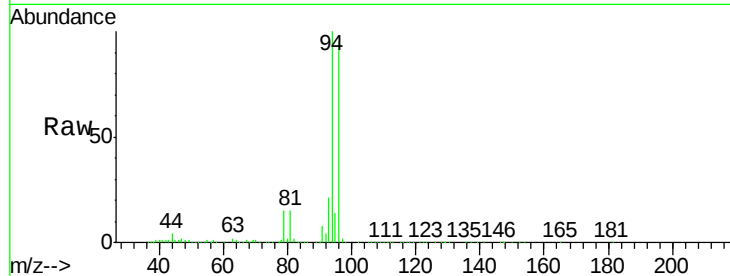
96 94.5 76.2 114.4

Manual Integrations

APPROVED

MMDadoda

6/11/2019 11:54:23 AM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

60000

50000

40000

30000

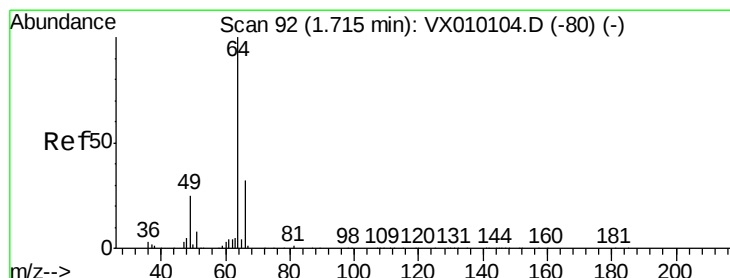
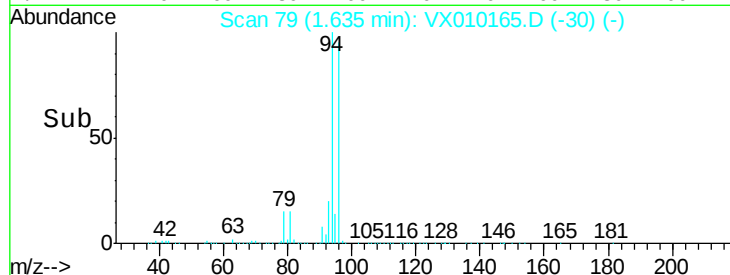
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Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 56.265 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010165.D

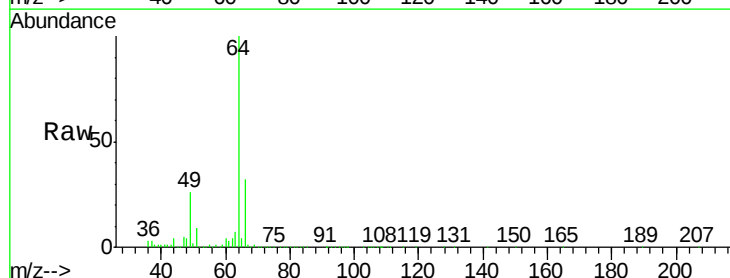
Acq: 10 Jun 2019 09:47

Tgt Ion: 64 Resp: 72824

Ion Ratio Lower Upper

64 100

66 31.8 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

60000

50000

40000

30000

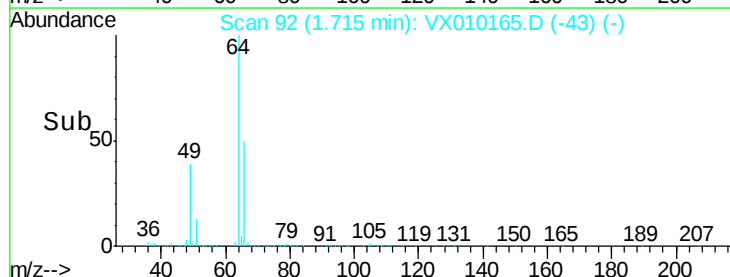
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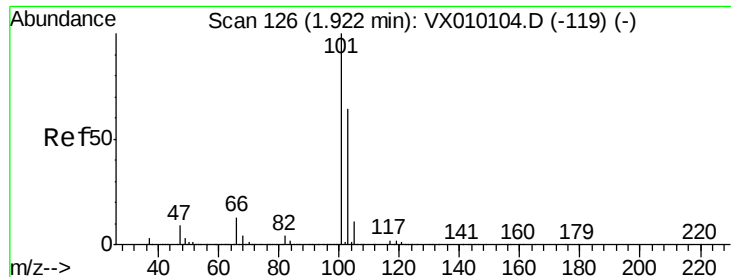
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Time-->

1.60 1.70 1.80





#7

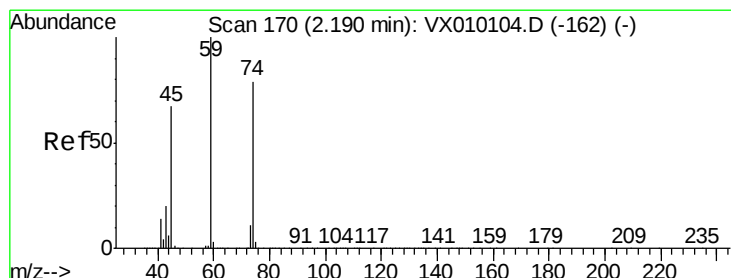
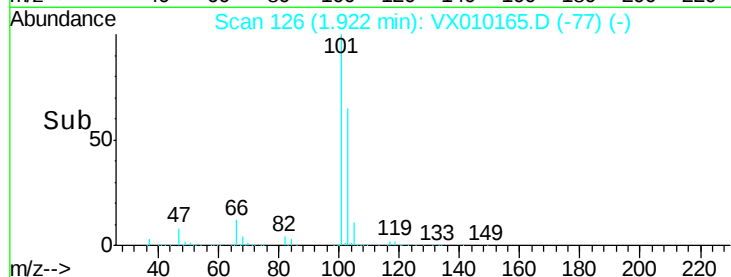
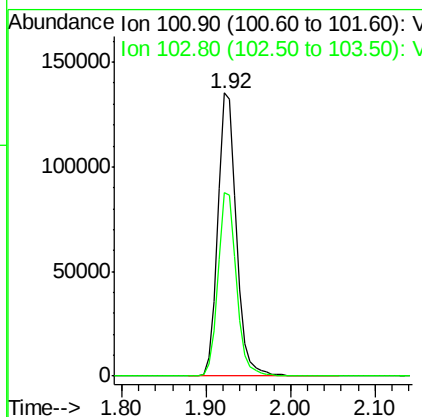
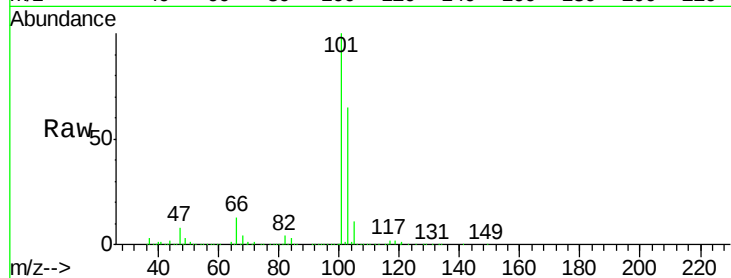
Trichlorofluoromethane  
Concen: 54.192 ug/l  
RT: 1.92 min Scan# 126  
Delta R.T. -0.00 min  
Lab File: VX010165.D  
Acq: 10 Jun 2019 09:47

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 64.7  | 52.2  | 78.4  |

Manual Integrations  
APPROVED

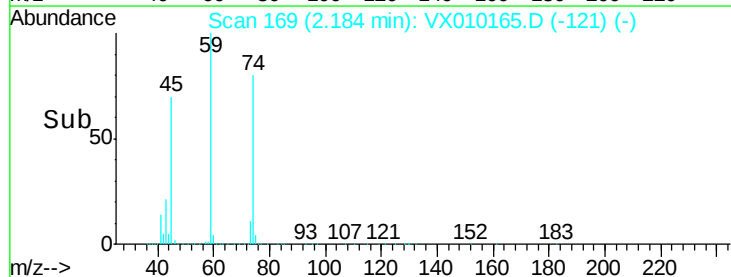
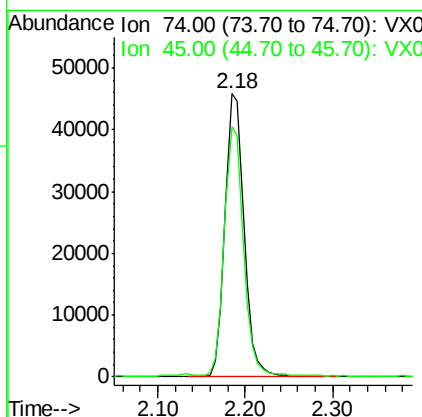
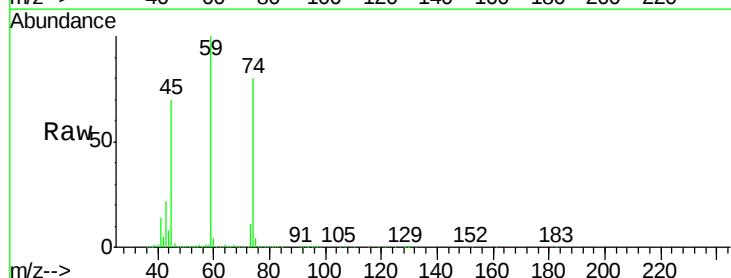
MMDadoda  
6/11/2019 11:54:23 AM

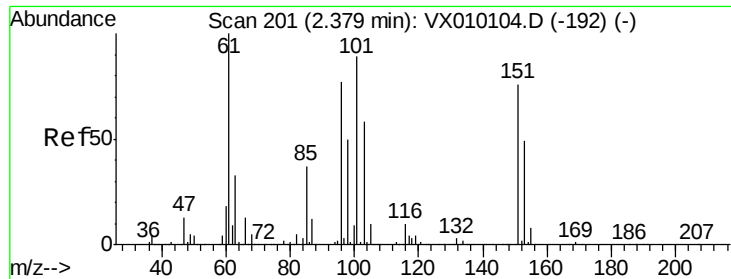


#8

Diethyl Ether  
Concen: 52.790 ug/l  
RT: 2.18 min Scan# 169  
Delta R.T. -0.01 min  
Lab File: VX010165.D  
Acq: 10 Jun 2019 09:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 87.3  | 56.1  | 168.3 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.225 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA\_X

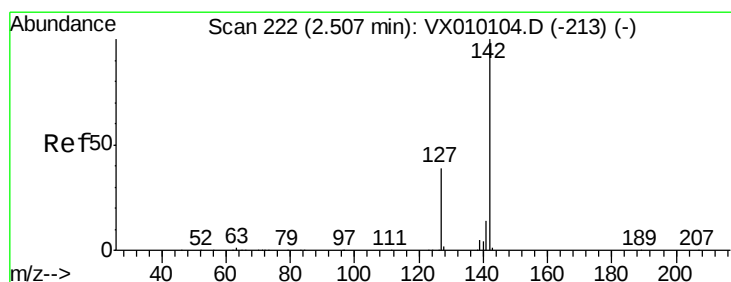
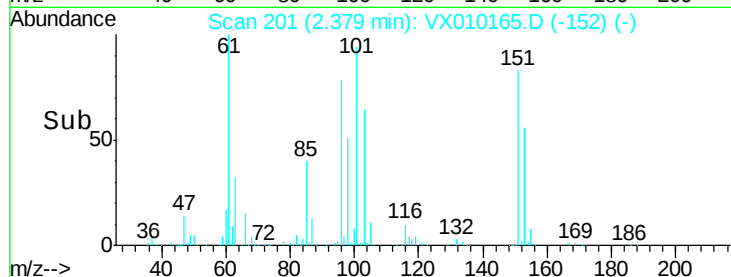
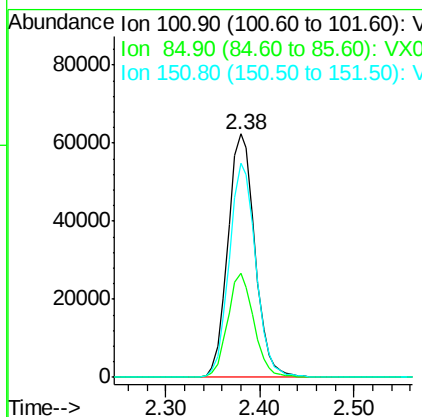
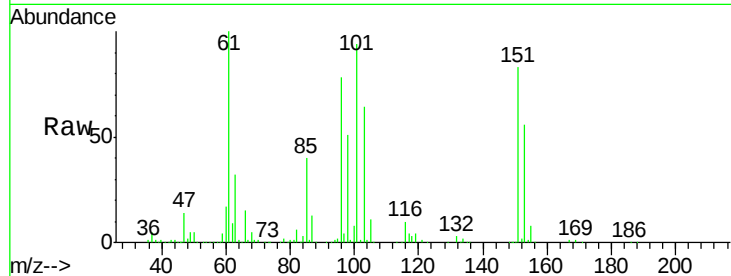
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 124134 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 41.7  | 35.2  | 52.8   |
| 151       | 86.7  | 61.9  | 92.9   |

Manual Integrations  
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#10

Methyl Iodide

Concen: 48.166 ug/l

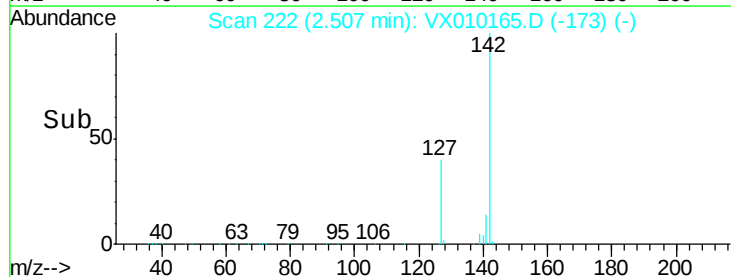
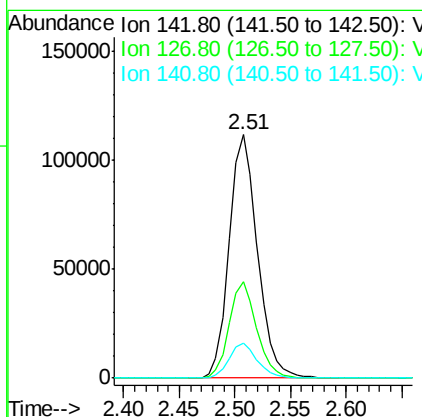
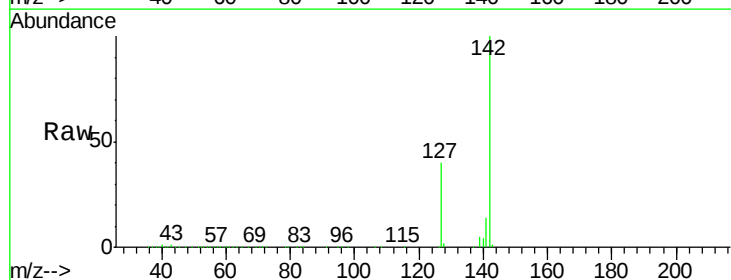
RT: 2.51 min Scan# 222

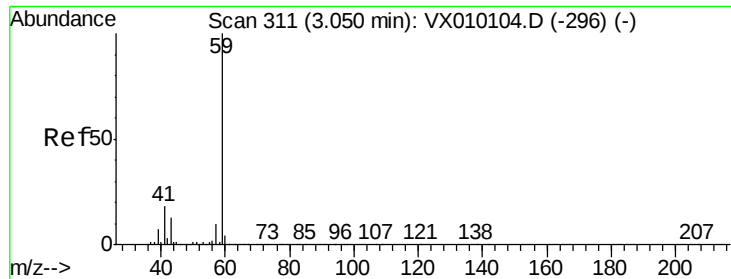
Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 196164 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 38.7  | 33.0  | 49.4   |
| 141       | 14.2  | 11.4  | 17.0   |





#11

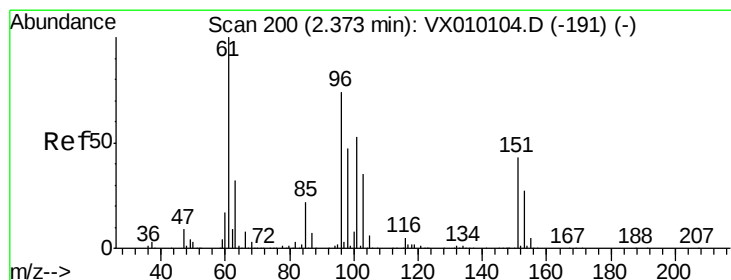
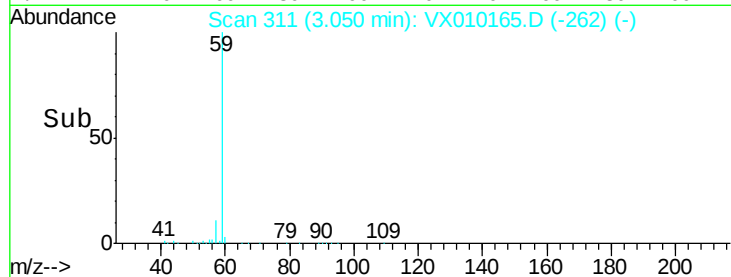
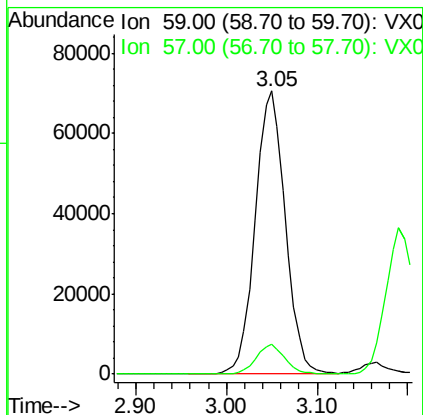
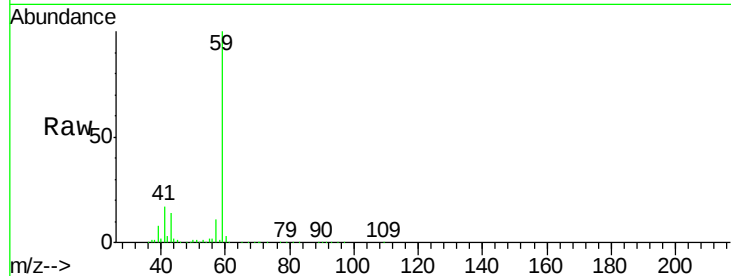
Tert butyl alcohol  
Concen: 226.299 ug/l  
RT: 3.05 min Scan# 311  
Delta R.T. -0.00 min  
Lab File: VX010165.D  
Acq: 10 Jun 2019 09:47

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 9.7   | 8.2   | 12.2  |

Manual Integrations  
APPROVED

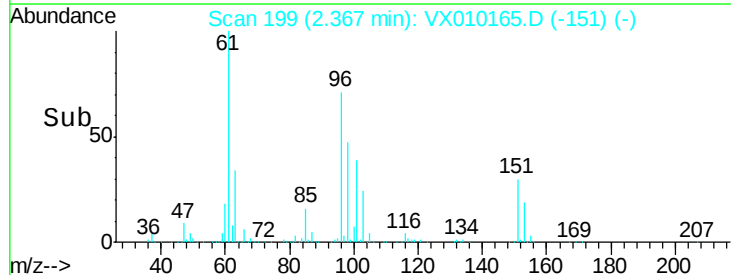
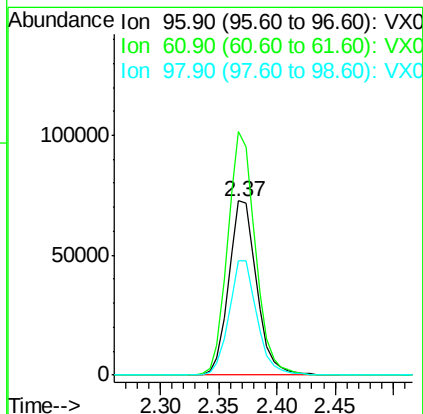
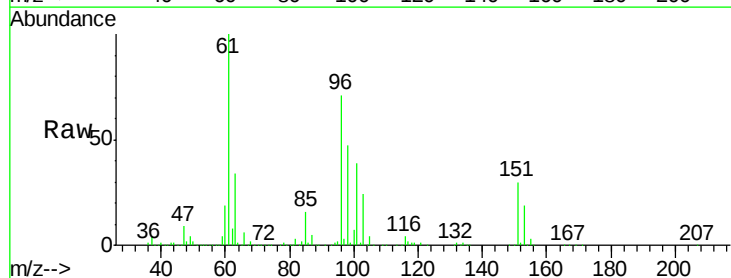
MMDadoda  
6/11/2019 11:54:23 AM

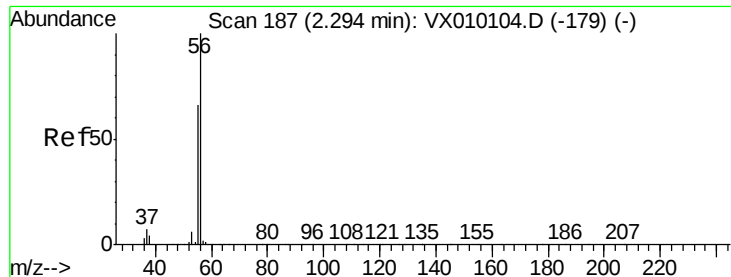


#12

1,1-Dichloroethene  
Concen: 45.211 ug/l  
RT: 2.37 min Scan# 199  
Delta R.T. -0.01 min  
Lab File: VX010165.D  
Acq: 10 Jun 2019 09:47

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 96      | 100   |       |        |
| 61      | 139.9 | 140.7 | 211.1# |
| 98      | 65.8  | 50.1  | 75.1   |





#13

Acrolein

Concen: 286.534 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 37343

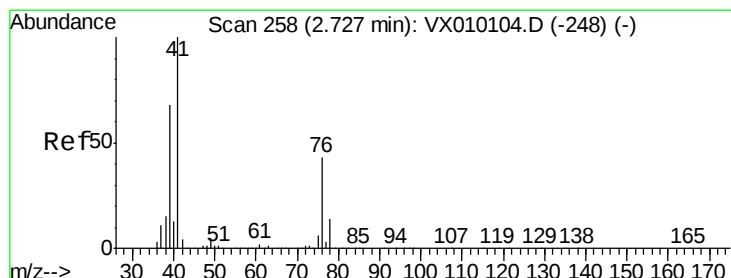
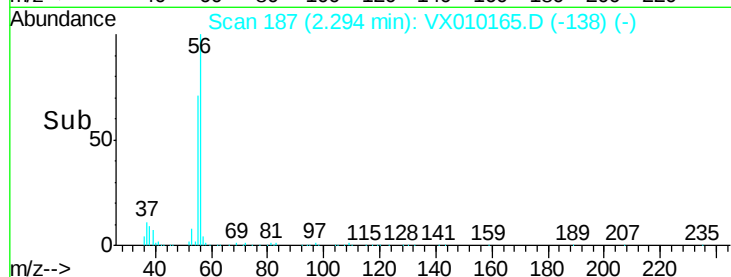
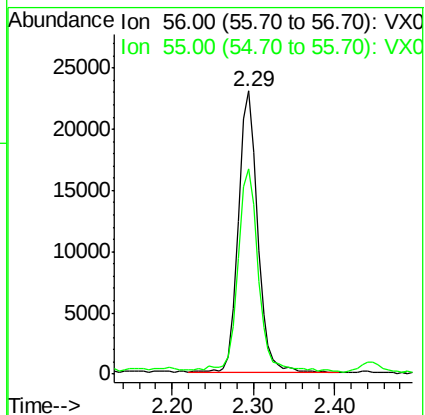
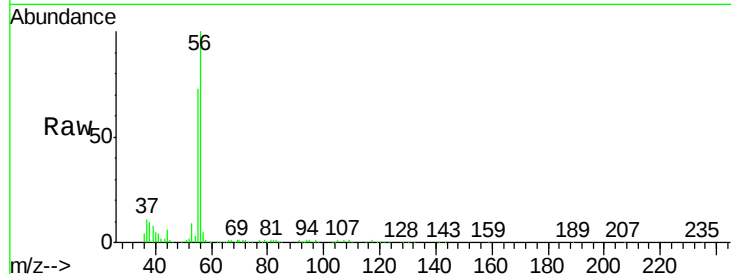
Ion Ratio Lower Upper

56 100

55 77.5 57.0 85.4

Manual Integrations  
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MMDadoda  
6/11/2019 11:54:23 AM



#14

Allyl chloride

Concen: 45.024 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

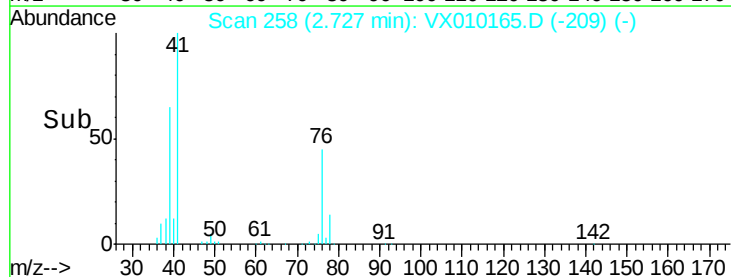
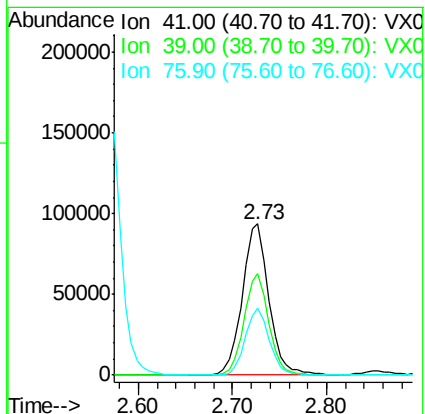
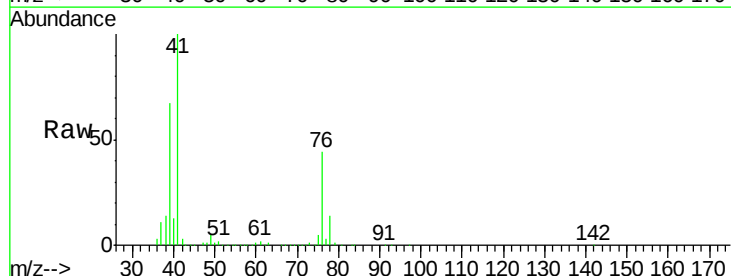
Tgt Ion: 41 Resp: 182466

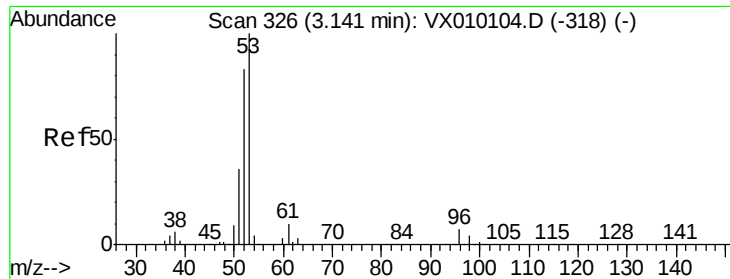
Ion Ratio Lower Upper

41 100

39 62.5 46.7 70.1

76 40.6 21.0 31.4#





#15

Acrylonitrile

Concen: 227.857 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA\_X

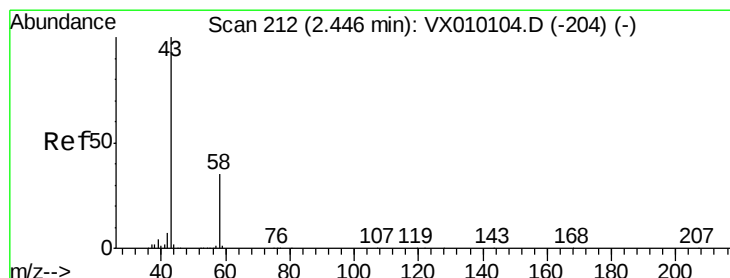
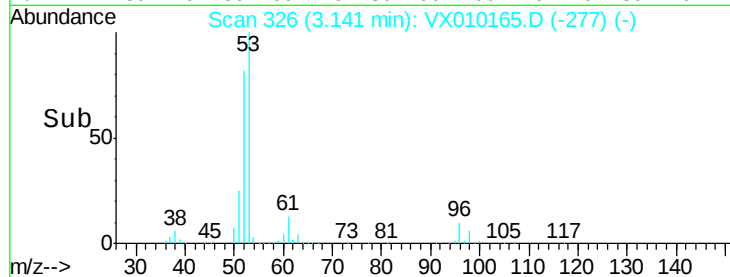
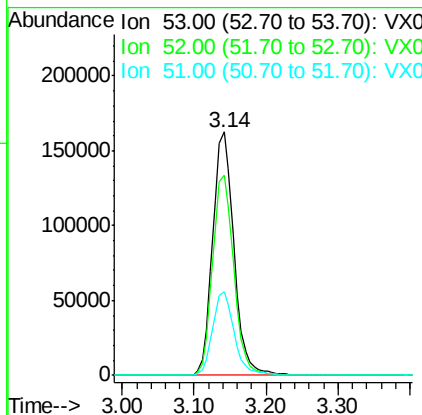
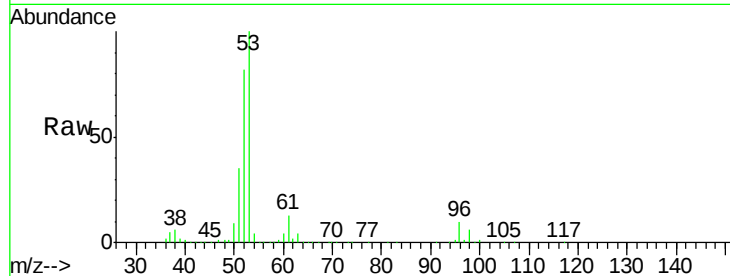
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 332882 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 81.9  | 66.7  | 100.1  |
| 51       | 34.6  | 28.8  | 43.2   |

Manual Integrations  
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#16

Acetone

Concen: 287.206 ug/l

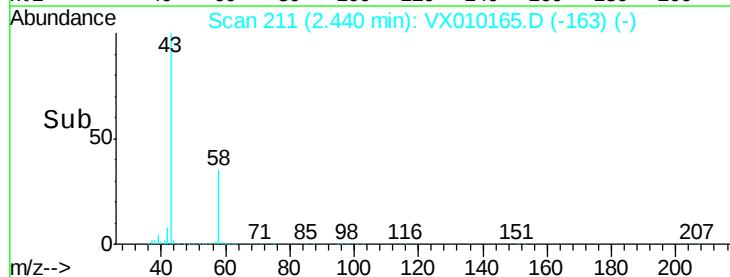
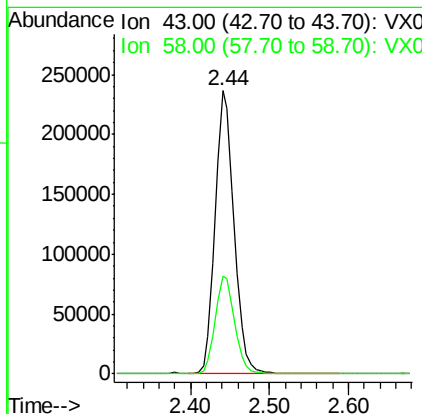
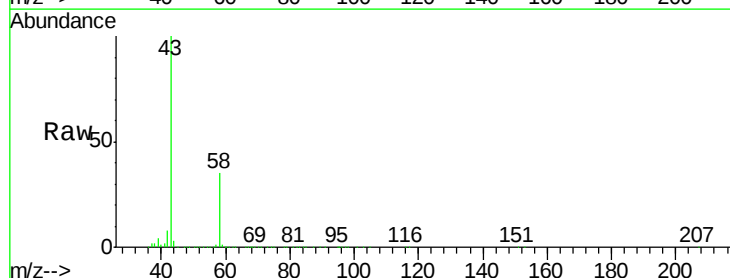
RT: 2.44 min Scan# 211

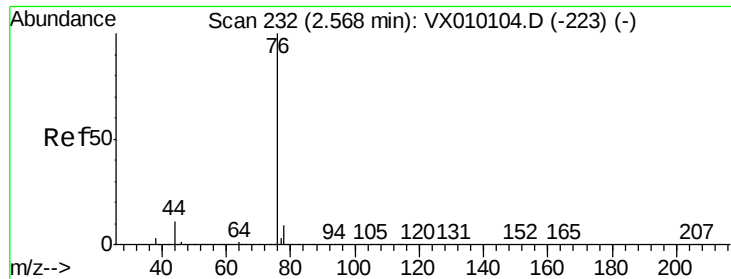
Delta R.T. -0.01 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 394130 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 34.7  | 23.2  | 34.8   |





#17

Carbon Disulfide

Concen: 44.150 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 342497

Ion Ratio Lower Upper

76 100

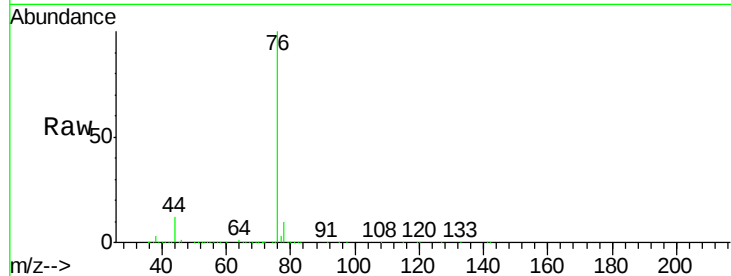
78 9.7 7.0 10.6

Manual Integrations

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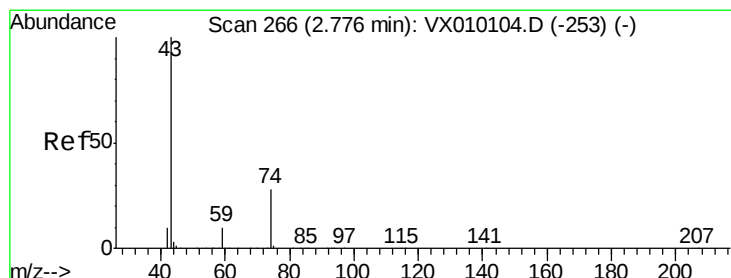
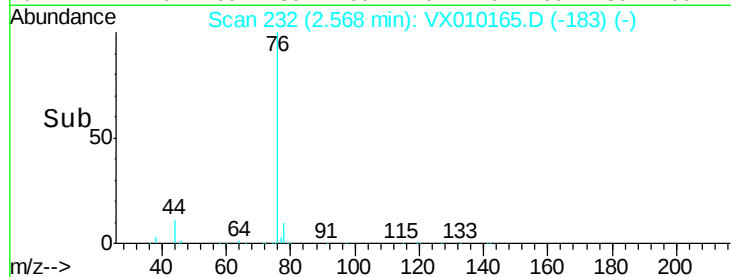
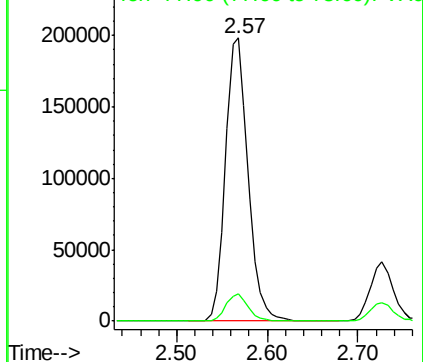
MMDadoda

6/11/2019 11:54:23 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 44.305 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX010165.D

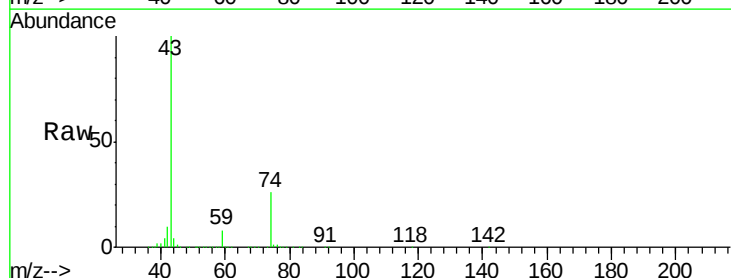
Acq: 10 Jun 2019 09:47

Tgt Ion: 43 Resp: 133710

Ion Ratio Lower Upper

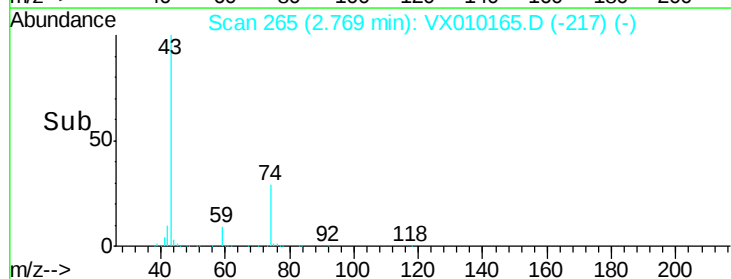
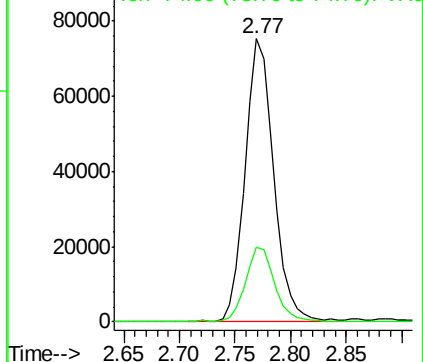
43 100

74 27.5 15.8 23.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





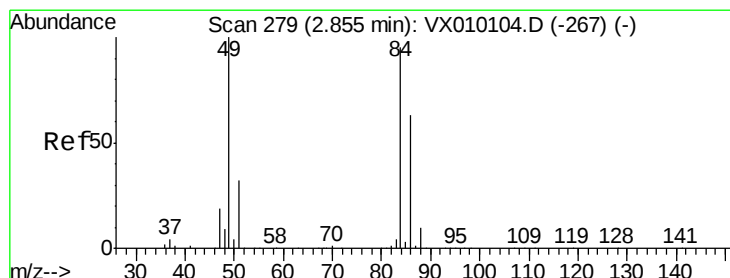
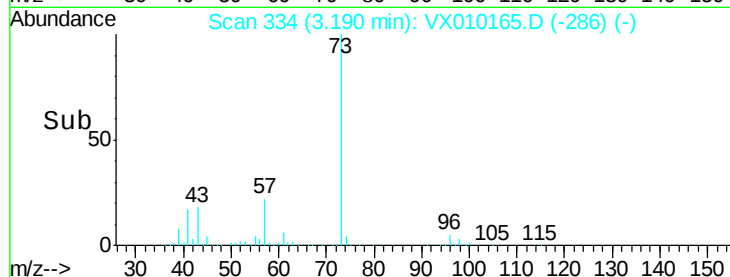
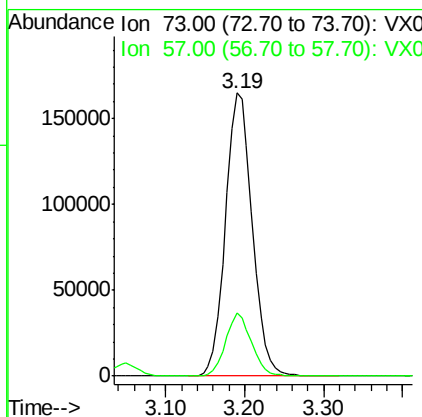
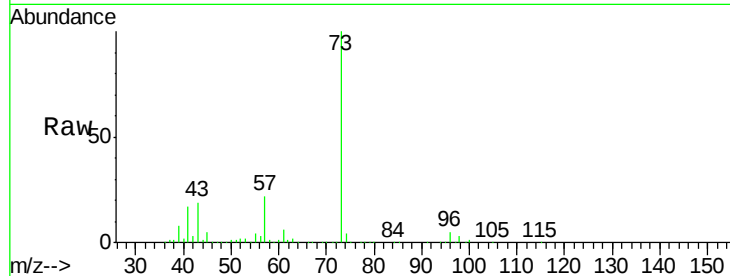
#19  
Methyl tert-butyl Ether  
Concen: 45.096 ug/l  
RT: 3.19 min Scan# 334  
Delta R.T. -0.01 min  
Lab File: VX010165.D  
Acq: 10 Jun 2019 09:47

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 73 Resp: 388973  
Ion Ratio Lower Upper  
73 100  
57 22.1 19.4 29.2

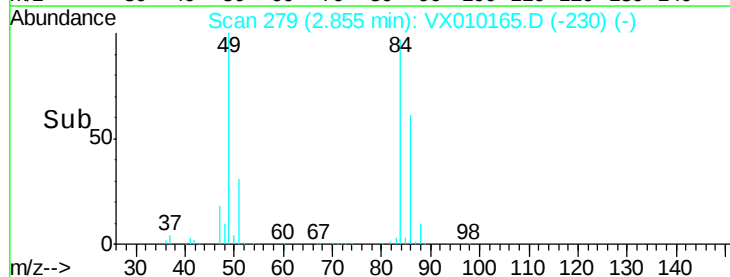
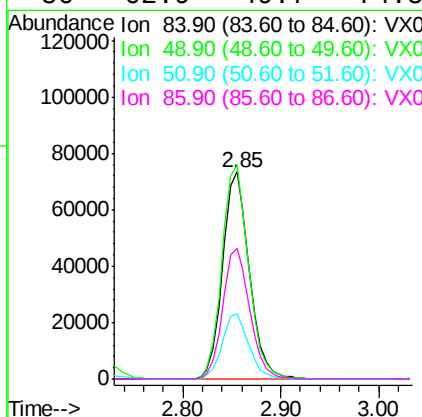
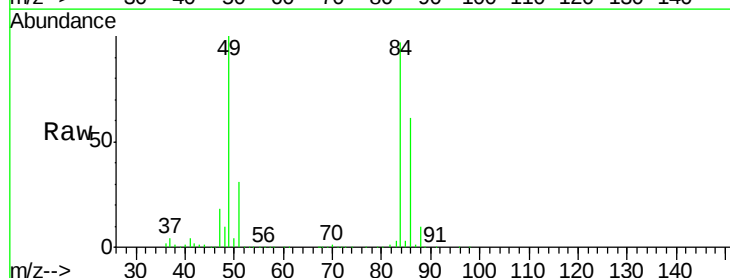
Manual Integrations  
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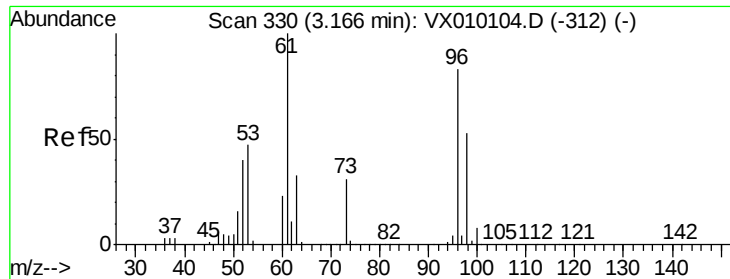
MMDadoda  
6/11/2019 11:54:23 AM



#20  
Methylene Chloride  
Concen: 46.006 ug/l  
RT: 2.85 min Scan# 279  
Delta R.T. -0.00 min  
Lab File: VX010165.D  
Acq: 10 Jun 2019 09:47

Tgt Ion: 84 Resp: 138652  
Ion Ratio Lower Upper  
84 100  
49 103.2 115.8 173.6#  
51 31.6 34.4 51.6#  
86 62.9 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 44.181 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 131269

Ion Ratio Lower Upper

96 100

61 122.3 125.7 188.5#

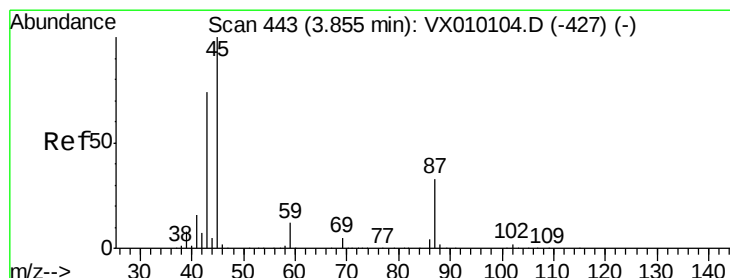
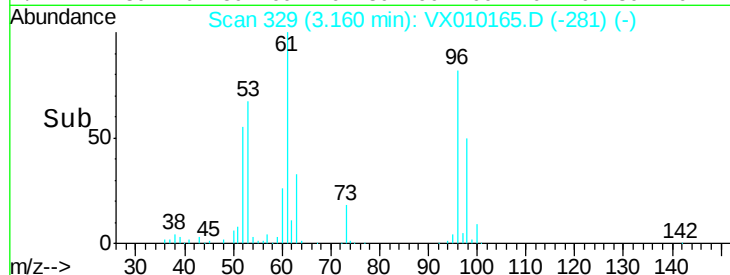
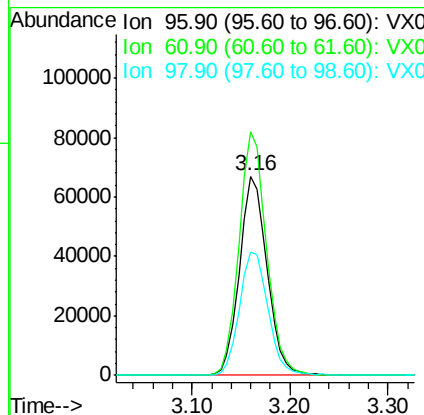
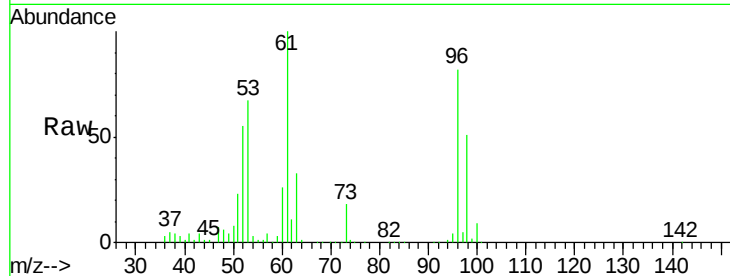
98 61.8 49.0 73.6

Manual Integrations

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#22

Diisopropyl ether

Concen: 47.150 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Tgt Ion: 45 Resp: 365334

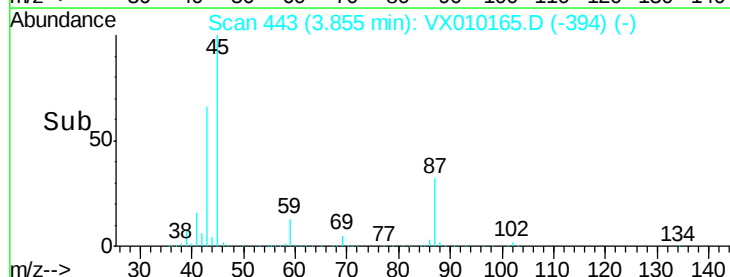
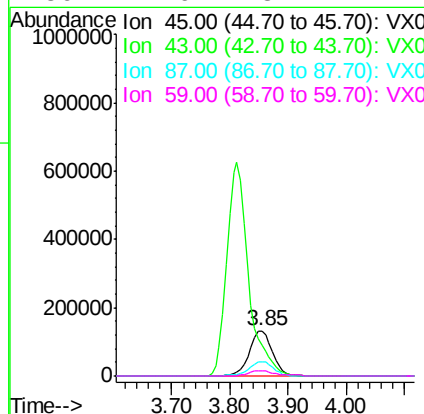
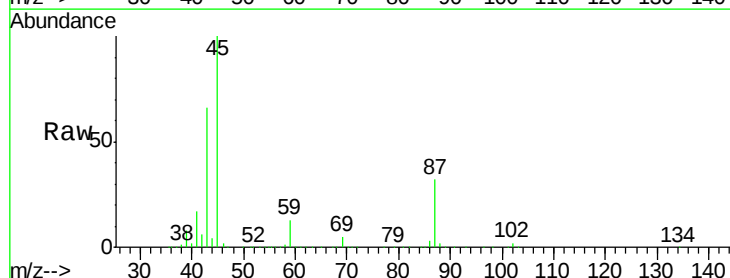
Ion Ratio Lower Upper

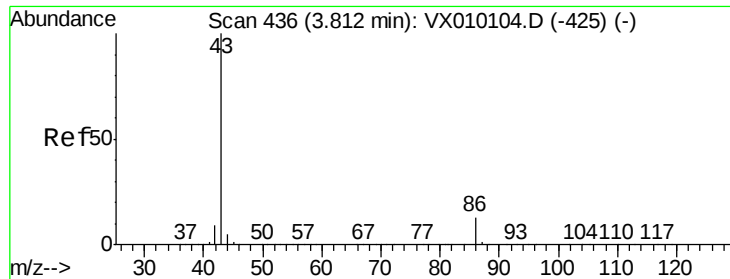
45 100

43 66.3 65.0 97.4

87 32.4 17.3 25.9#

59 12.6 8.1 12.1#





#23

Vinyl Acetate

Concen: 235.347 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1626822

Ion Ratio Lower Upper

43 100

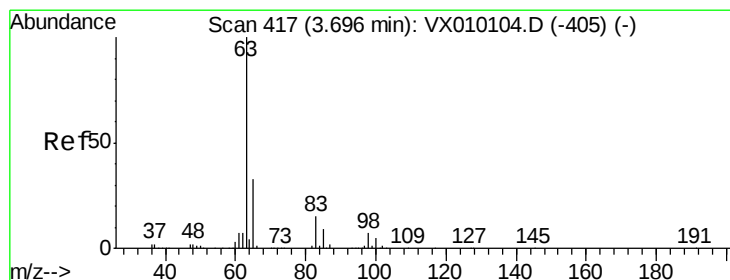
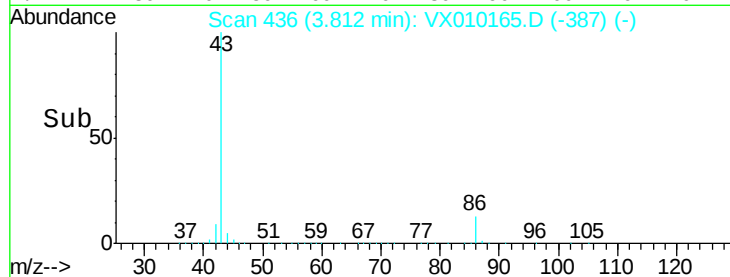
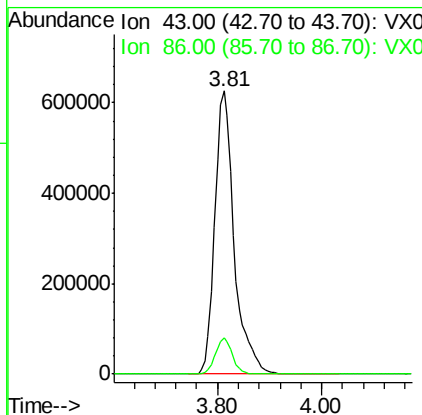
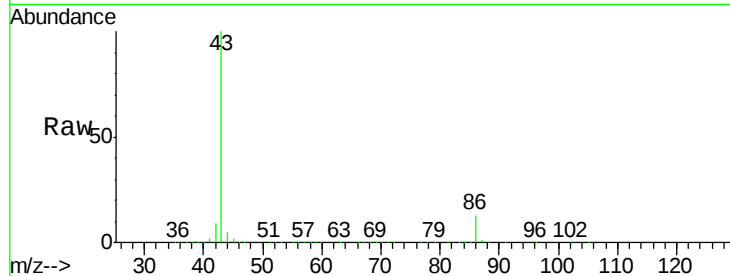
86 12.8 6.5 9.7#

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#24

1,1-Dichloroethane

Concen: 45.319 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

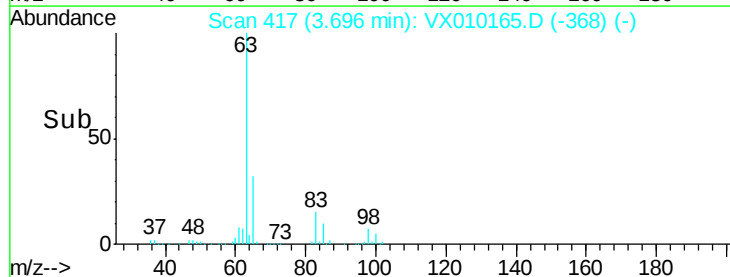
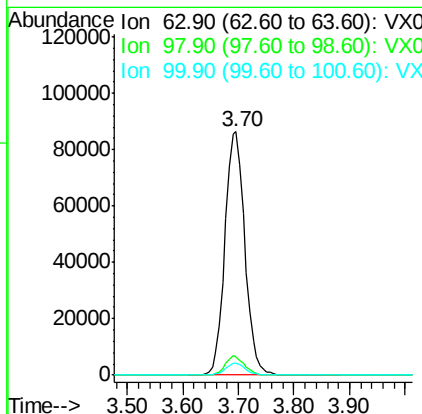
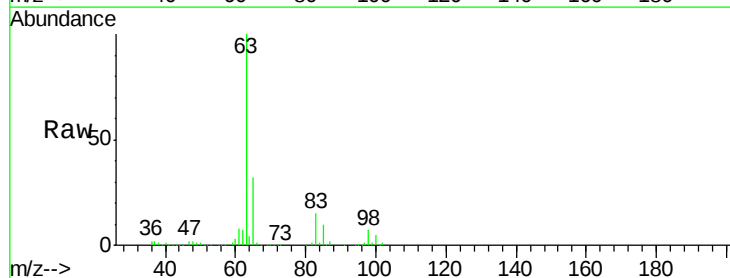
Tgt Ion: 63 Resp: 213203

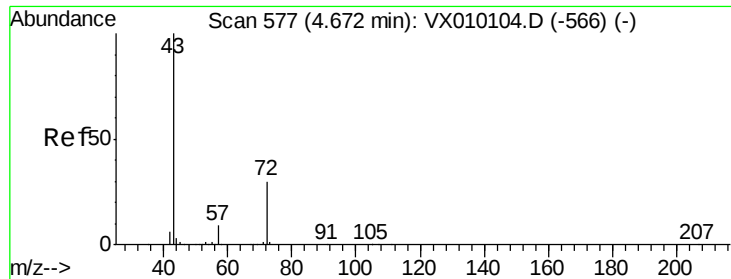
Ion Ratio Lower Upper

63 100

98 7.4 2.9 8.8

100 4.9 1.8 5.4





#25

2-Butanone

Concen: 256.783 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 524728

Ion Ratio Lower Upper

43 100

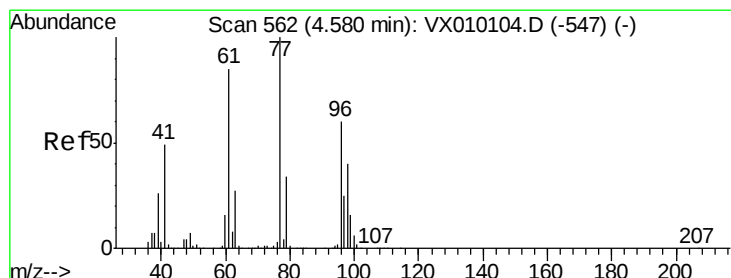
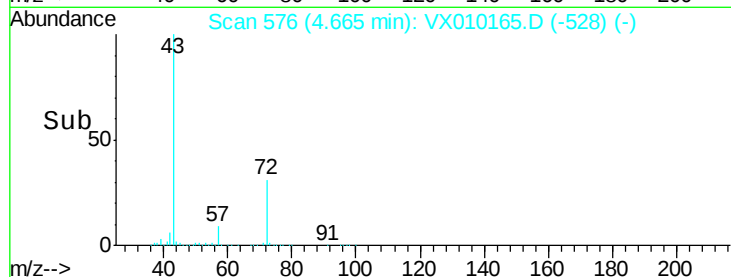
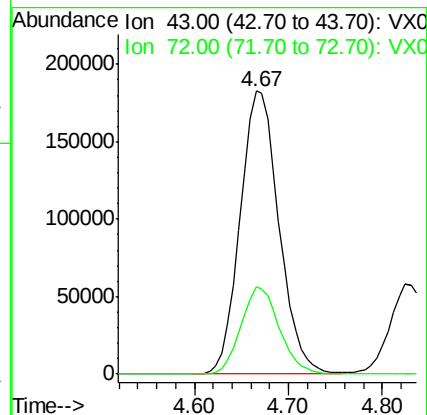
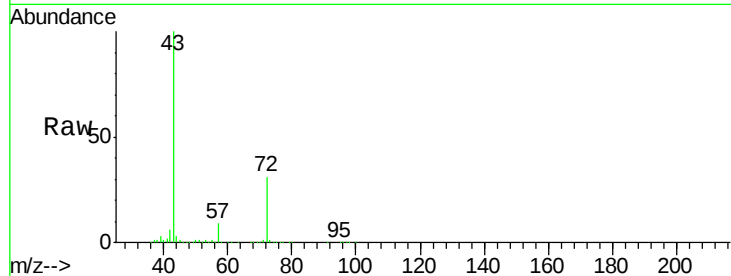
72 30.7 17.5 26.3#

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 45.285 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX010165.D

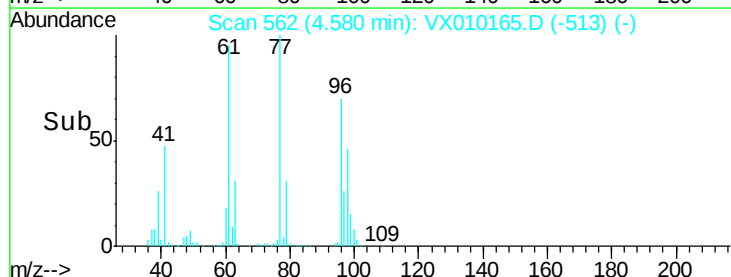
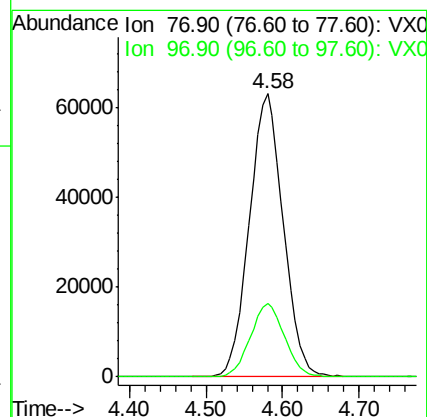
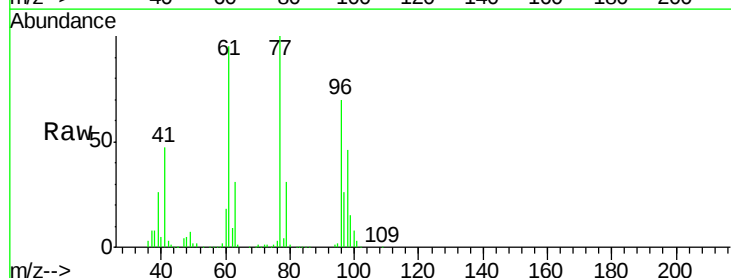
Acq: 10 Jun 2019 09:47

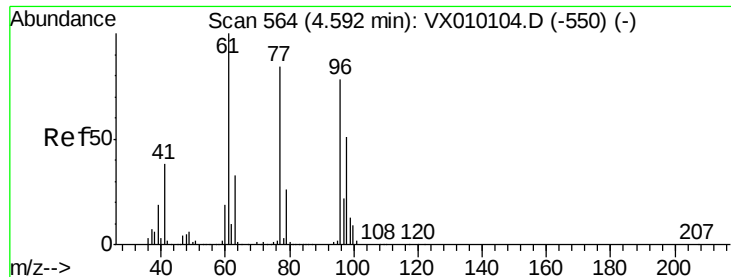
Tgt Ion: 77 Resp: 194355

Ion Ratio Lower Upper

77 100

97 26.3 11.4 34.2





#27

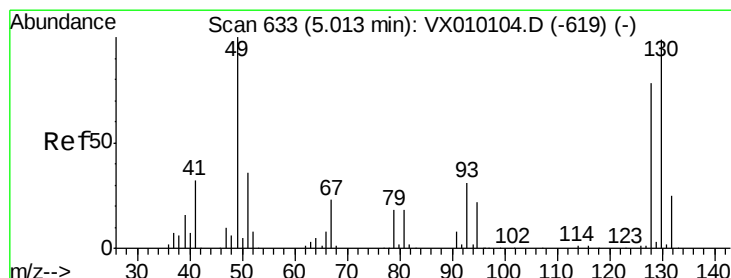
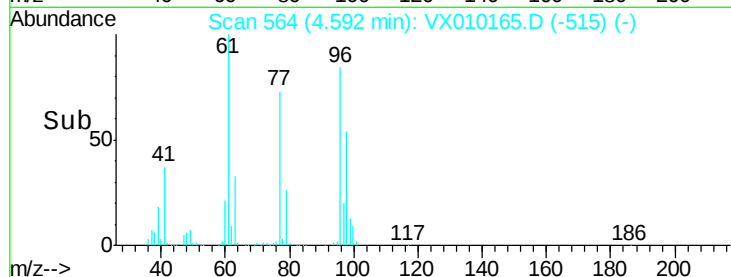
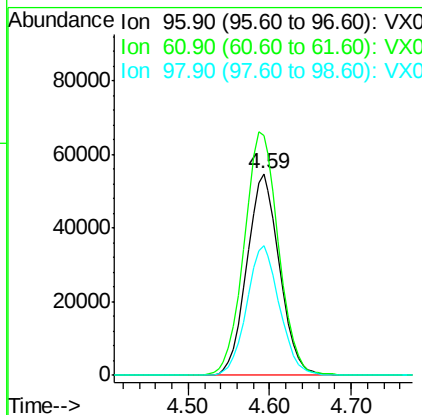
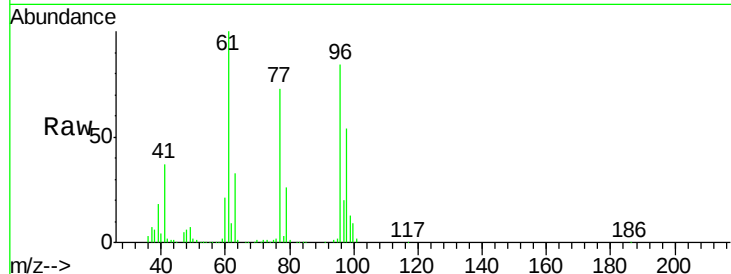
cis-1,2-Dichloroethene  
Concen: 46.164 ug/l  
RT: 4.59 min Scan# 564  
Delta R.T. -0.00 min  
Lab File: VX010165.D  
Acq: 10 Jun 2019 09:47

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 96      | 100   |      |       |       |
| 61      | 127.5 | 0.0  | 334.0 |       |
| 98      | 65.0  | 0.0  | 131.6 |       |

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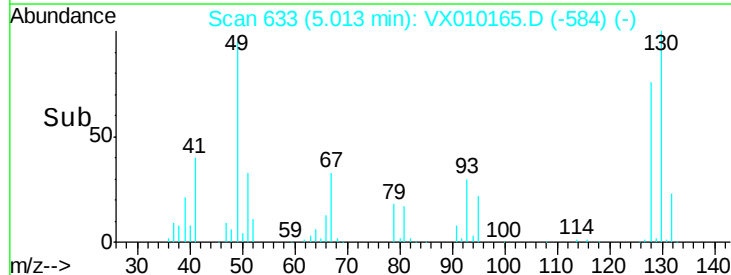
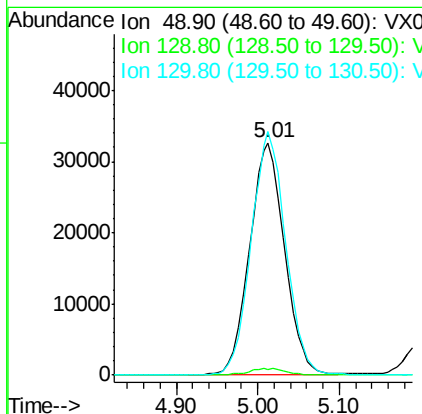
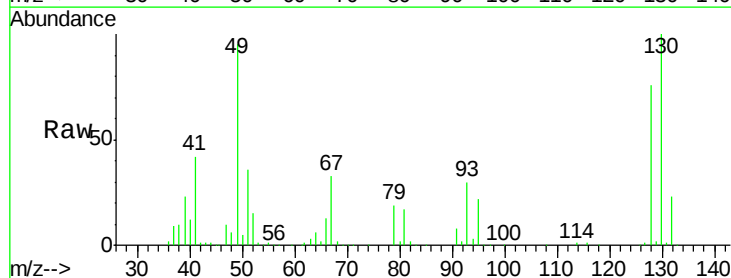
MMDadoda  
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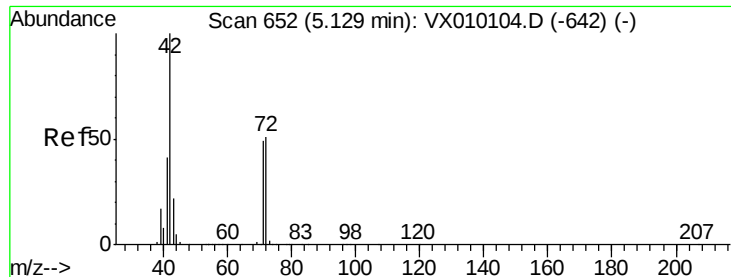


#28

Bromochloromethane  
Concen: 46.211 ug/l  
RT: 5.01 min Scan# 633  
Delta R.T. -0.00 min  
Lab File: VX010165.D  
Acq: 10 Jun 2019 09:47

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 49      | 100   |      |       |       |
| 129     | 2.9   | 0.0  | 3.4   |       |
| 130     | 103.7 | 49.4 | 74.2  |       |





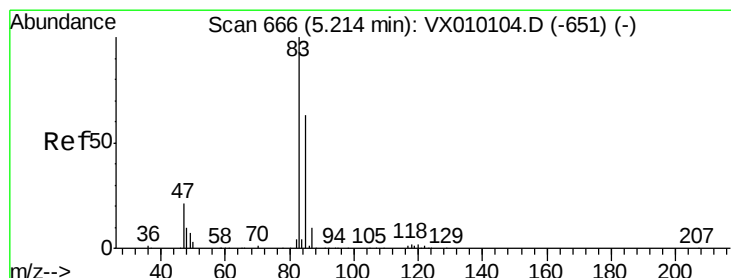
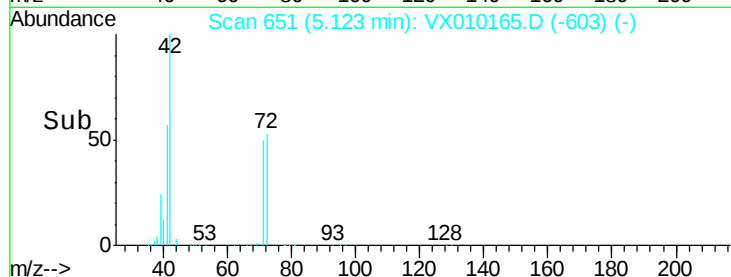
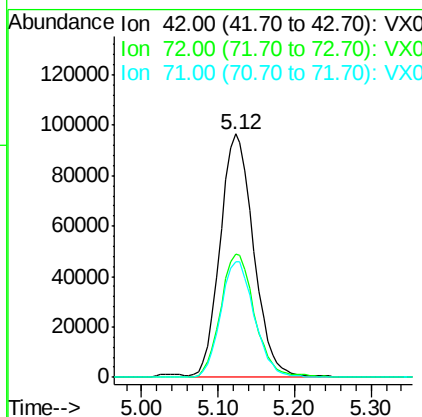
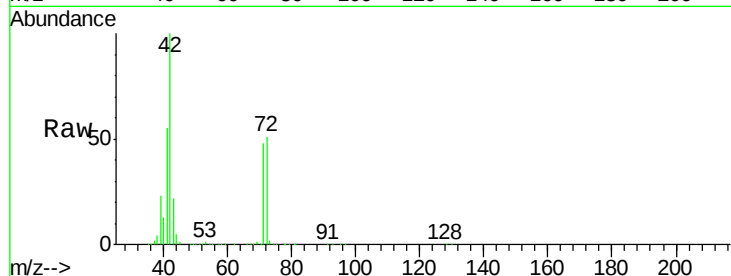
#29  
Tetrahydrofuran  
Concen: 226.081 ug/l  
RT: 5.12 min Scan# 651  
Delta R.T. -0.01 min  
Lab File: VX010165.D  
Acq: 10 Jun 2019 09:47

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 52.0  | 29.2  | 43.8# |
| 71      | 48.4  | 27.6  | 41.4# |

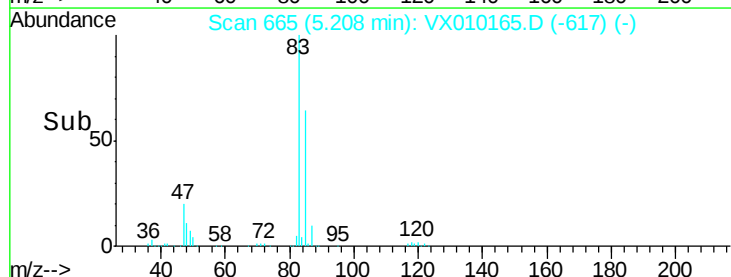
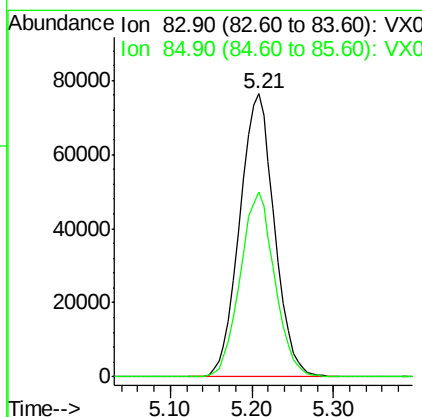
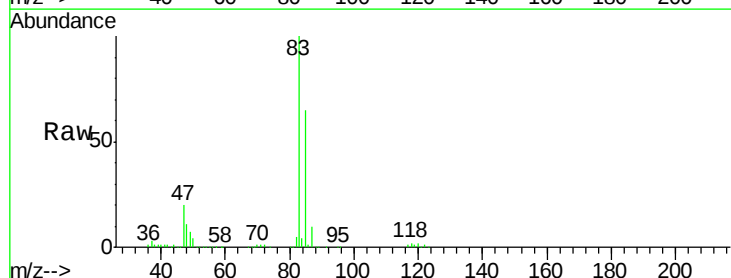
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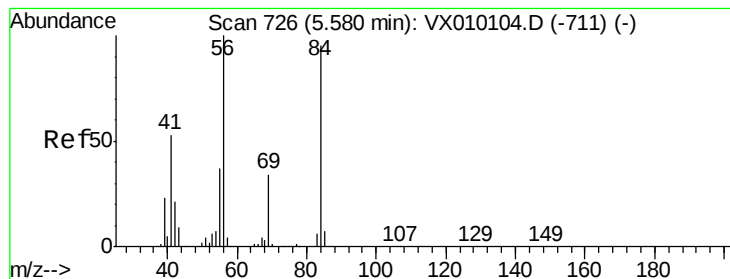
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#30  
Chloroform  
Concen: 46.249 ug/l  
RT: 5.21 min Scan# 665  
Delta R.T. -0.01 min  
Lab File: VX010165.D  
Acq: 10 Jun 2019 09:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.1  | 52.6  | 78.8  |





#31

Cyclohexane

Concen: 48.083 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA\_X

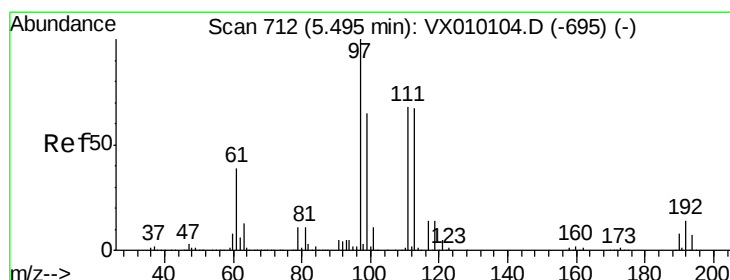
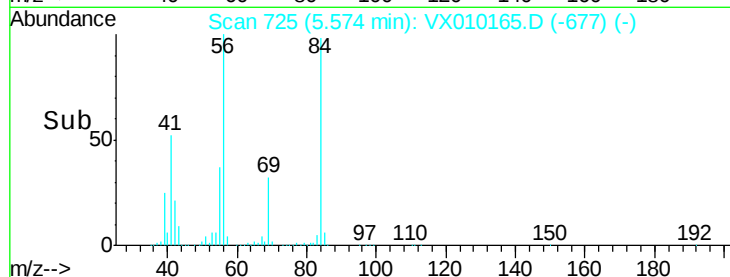
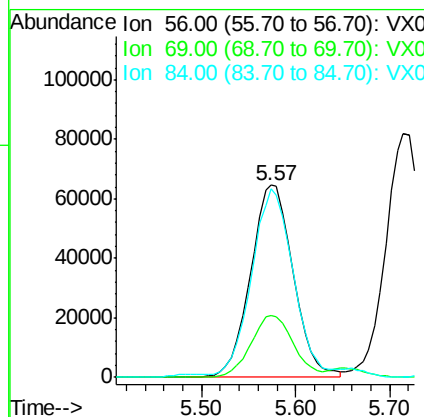
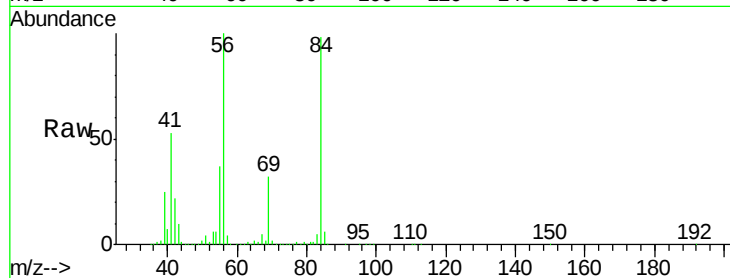
ClientSampleId :

VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 32.1  | 21.6  | 32.4  |
| 84      | 96.1  | 56.8  | 85.2# |

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#32

1,1,1-Trichloroethane

Concen: 44.902 ug/l

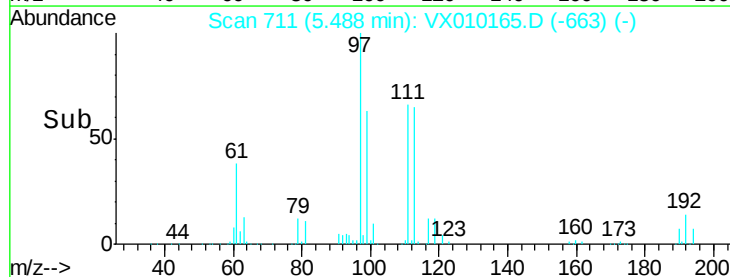
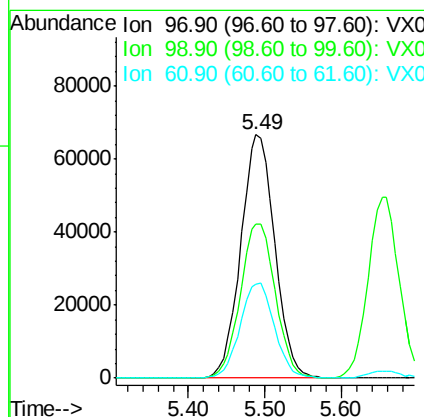
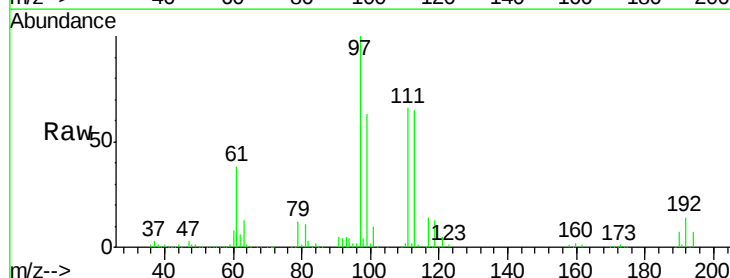
RT: 5.49 min Scan# 711

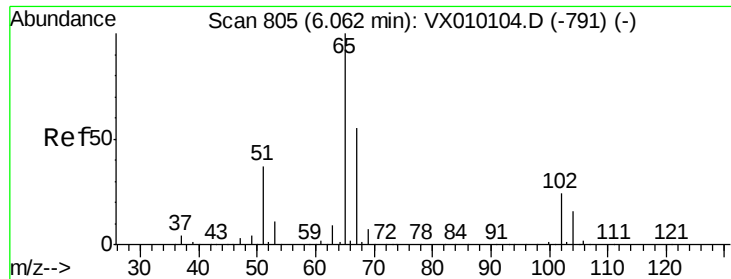
Delta R.T. -0.01 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 65.2  | 51.0  | 76.4  |
| 61      | 39.2  | 38.7  | 58.1  |





#33

1,2-Dichloroethane-d4

Concen: 44.736 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Tot Ion: 65 Resp: 130524

Ion Ratio Lower Upper

65 100

67 55.4 0.0 108.4

Instrument :

MSVOA\_X

ClientSampleId :

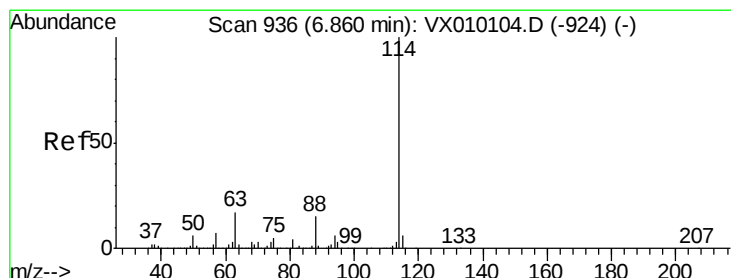
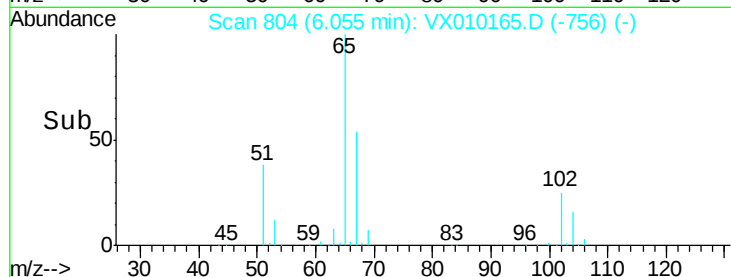
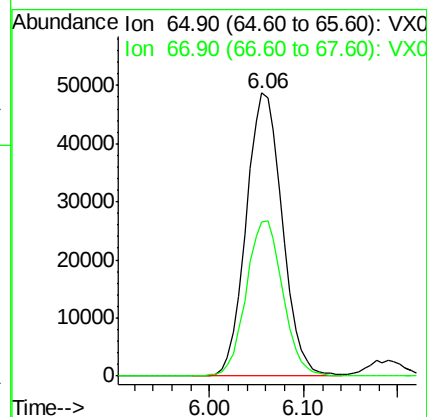
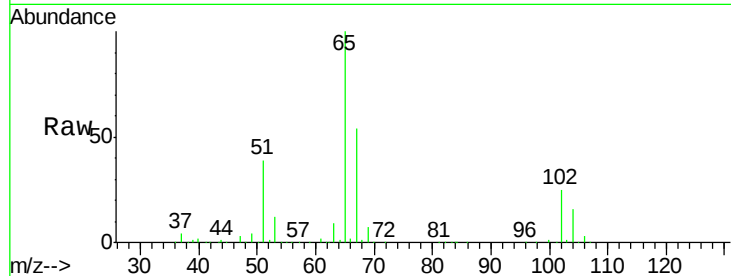
VSTDCCC050

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

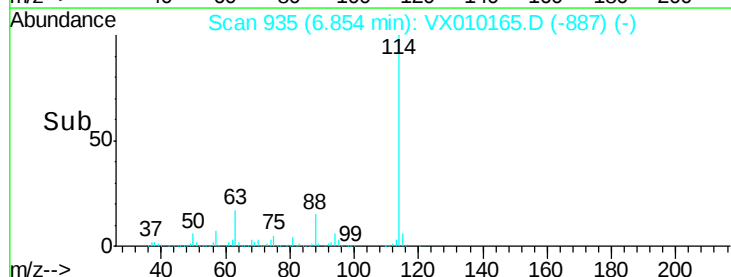
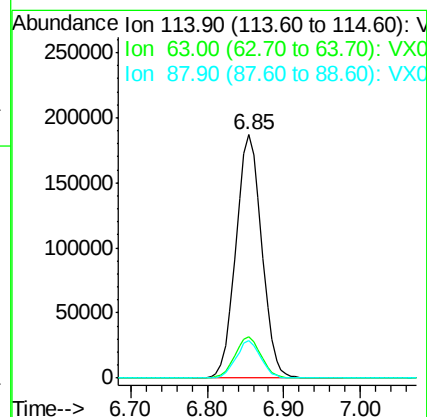
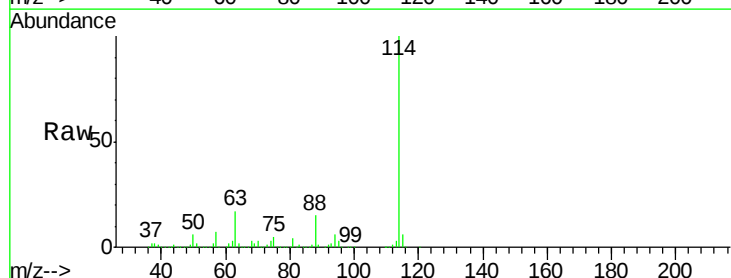
Tgt Ion: 114 Resp: 437425

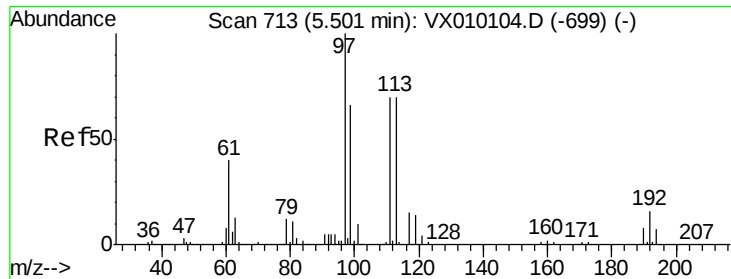
Ion Ratio Lower Upper

114 100

63 17.0 0.0 47.4

88 15.2 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.472 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA\_X

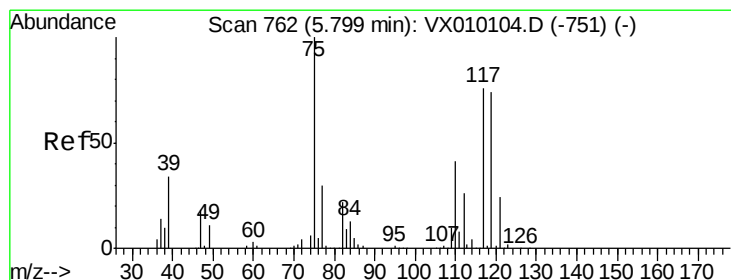
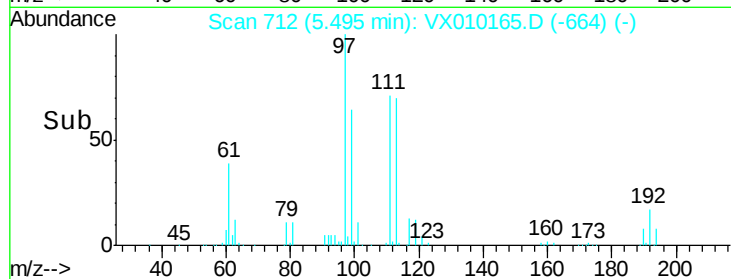
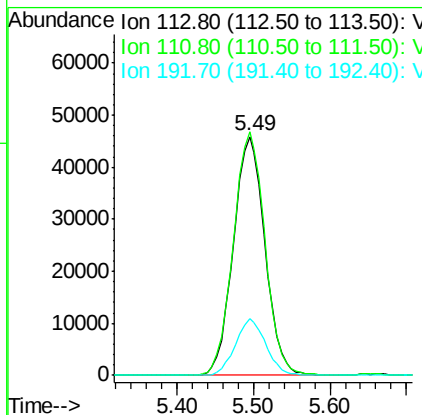
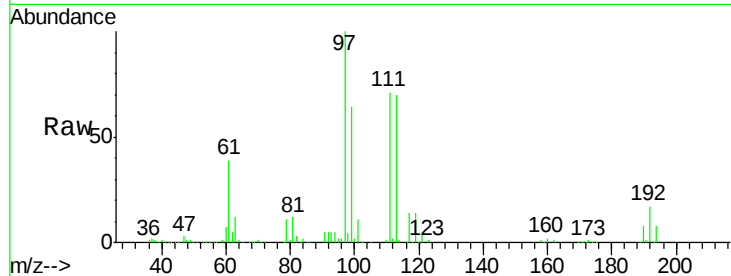
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 130784 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 102.3 | 82.2  | 123.2  |
| 192       | 22.9  | 17.1  | 25.7   |

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#36

1,1-Dichloropropene

Concen: 47.866 ug/l

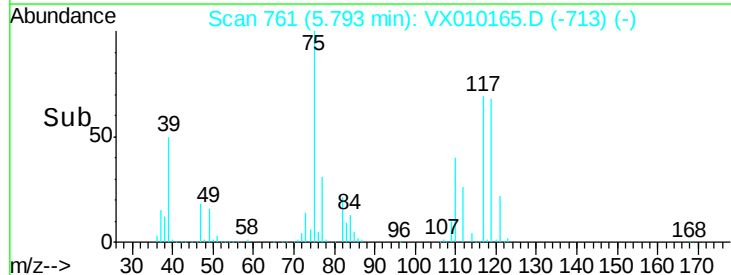
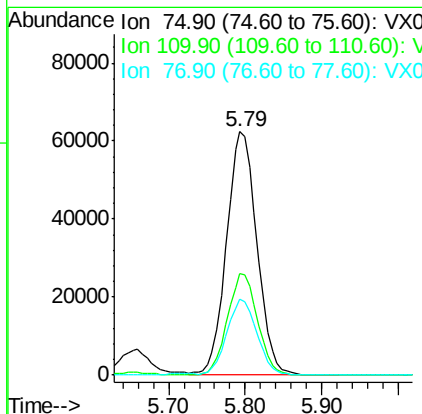
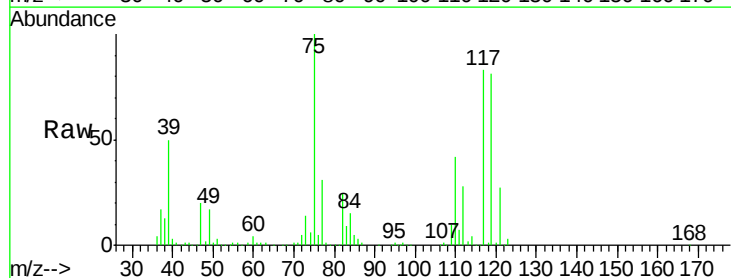
RT: 5.79 min Scan# 761

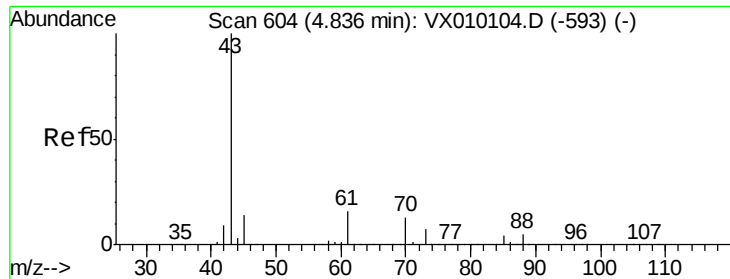
Delta R.T. -0.01 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 170820 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 41.4  | 16.7  | 50.1   |
| 77        | 30.7  | 25.0  | 37.4   |





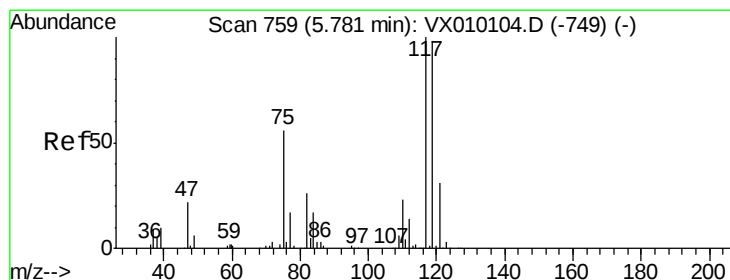
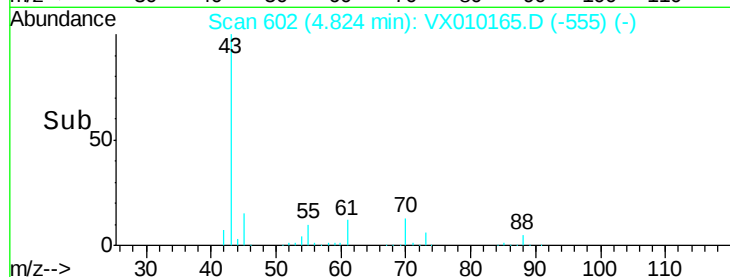
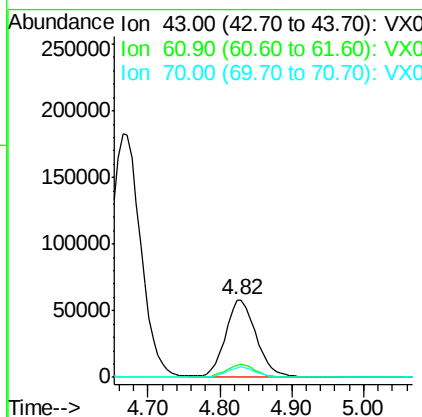
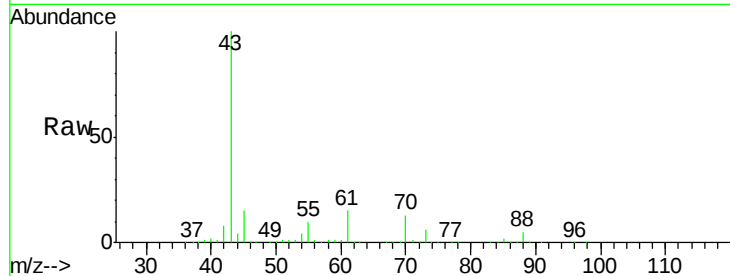
#37  
Ethyl Acetate  
Concen: 46.521 ug/l  
RT: 4.82 min Scan# 602  
Delta R.T. -0.01 min  
Lab File: VX010165.D  
Acq: 10 Jun 2019 09:47

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 15.5  | 10.2  | 15.2# |
| 70      | 12.6  | 7.4   | 11.2# |

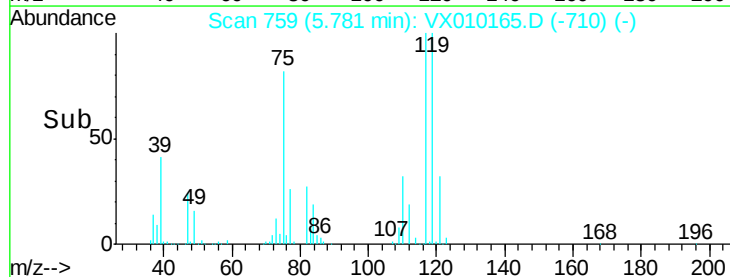
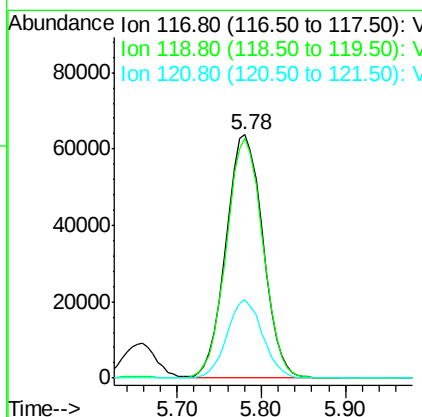
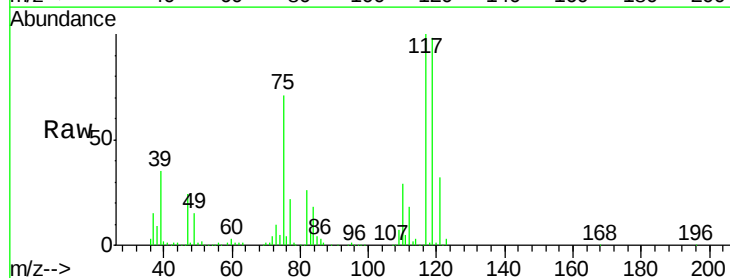
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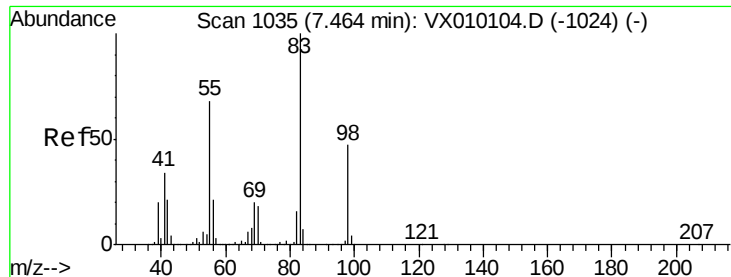
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#38  
Carbon Tetrachloride  
Concen: 46.999 ug/l  
RT: 5.78 min Scan# 759  
Delta R.T. -0.00 min  
Lab File: VX010165.D  
Acq: 10 Jun 2019 09:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 98.3  | 77.3  | 115.9 |
| 121     | 32.1  | 25.4  | 38.0  |





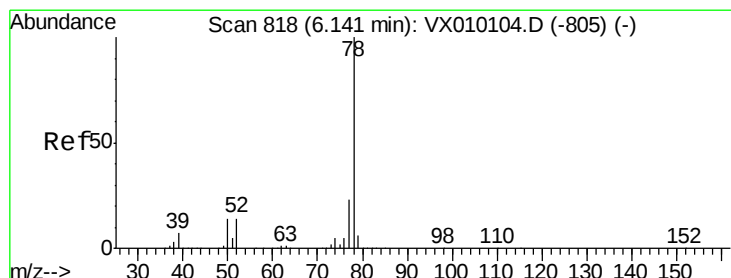
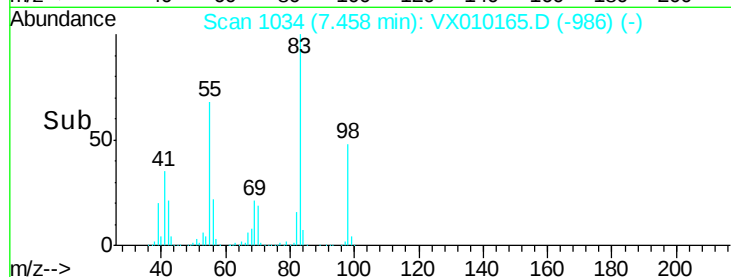
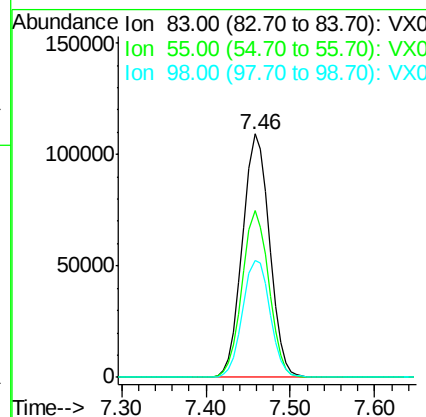
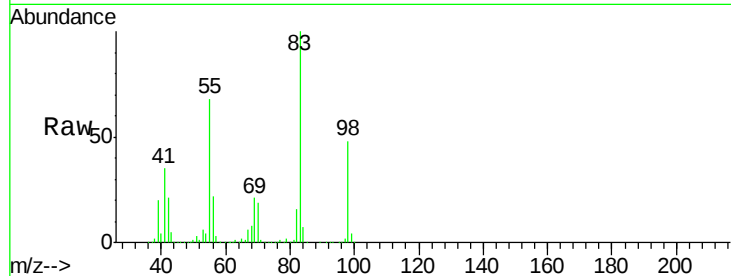
#39  
Methylvlcyclohexane  
Concen: 48.699 ug/l  
RT: 7.46 min Scan# 1034  
Delta R.T. -0.01 min  
Lab File: VX010165.D  
Acq: 10 Jun 2019 09:47

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower  | Upper |
|---------|-------|--------|--------|-------|
| 83      | 100   | 236652 |        |       |
| 55      | 68.3  | 69.9   | 104.9# |       |
| 98      | 47.8  | 35.1   | 52.7   |       |

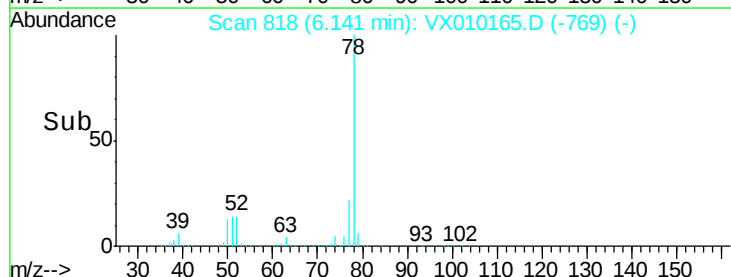
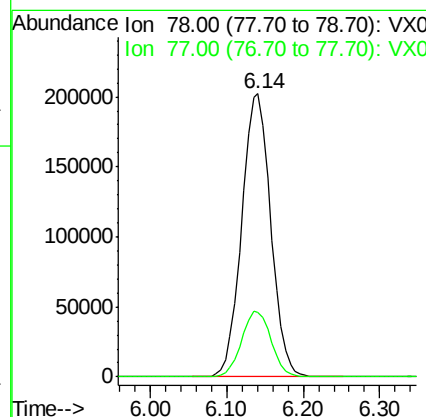
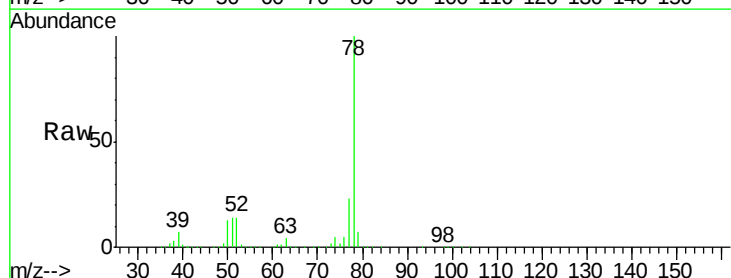
Manual Integrations  
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#40  
Benzene  
Concen: 48.169 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. -0.00 min  
Lab File: VX010165.D  
Acq: 10 Jun 2019 09:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 78      | 100   | 531552 |       |       |
| 77      | 22.9  | 19.2   | 28.8  |       |





#41

Methacrylonitrile

Concen: 46.762 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA\_X

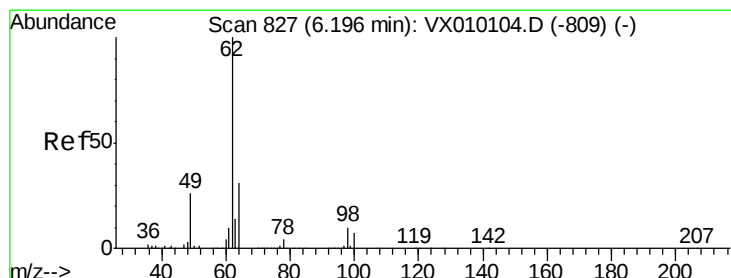
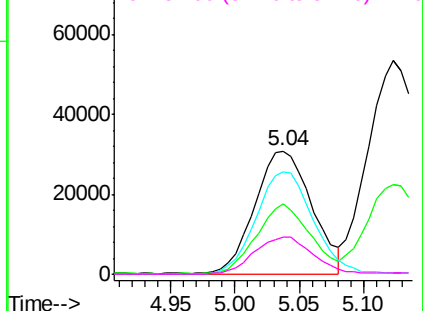
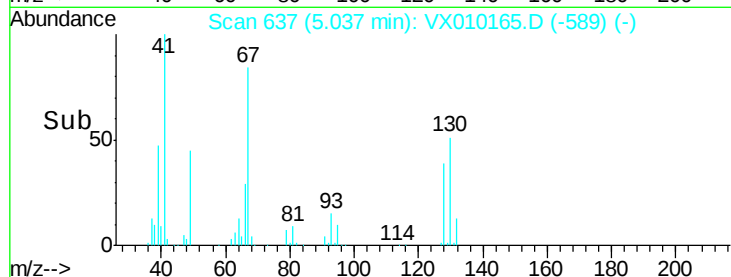
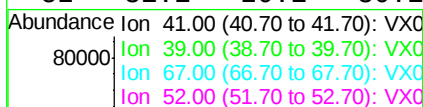
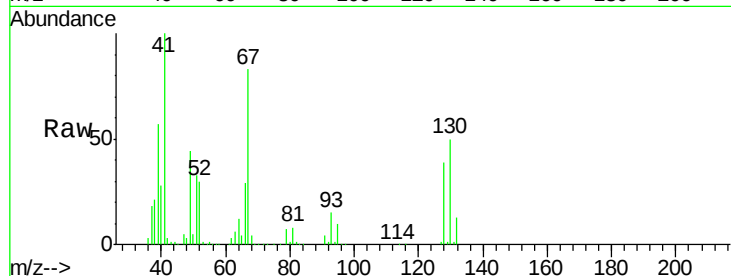
ClientSampleId :

VSTDCCC050

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 54.4 | 42.2  | 63.4  |       |
| 67      | 84.2 | 48.9  | 73.3  |       |
| 52      | 31.1 | 20.1  | 30.1  |       |

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#42

1,2-Dichloroethane

Concen: 46.106 ug/l

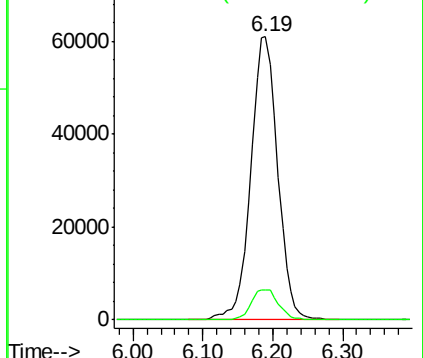
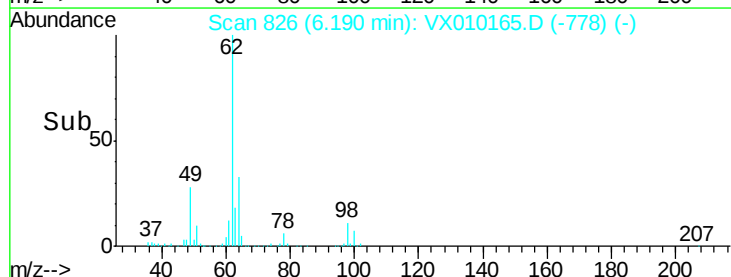
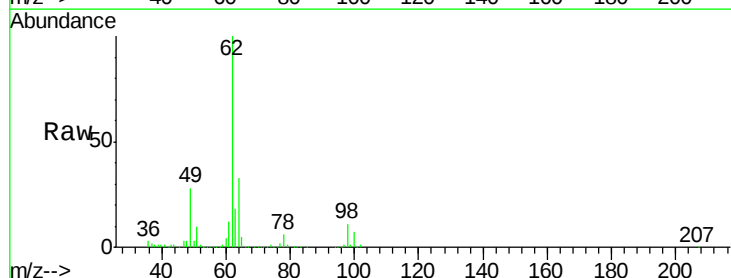
RT: 6.19 min Scan# 826

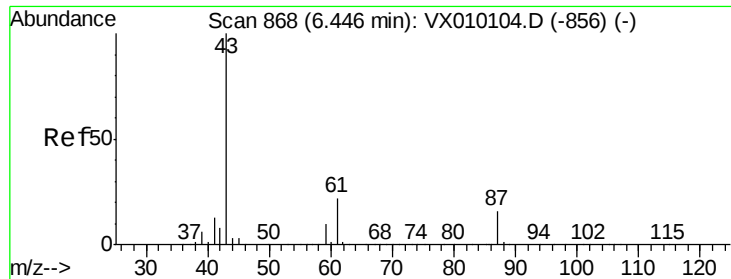
Delta R.T. -0.01 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 62      | 100  |       |       |       |
| 98      | 10.9 | 0.0   | 17.2  |       |





#43

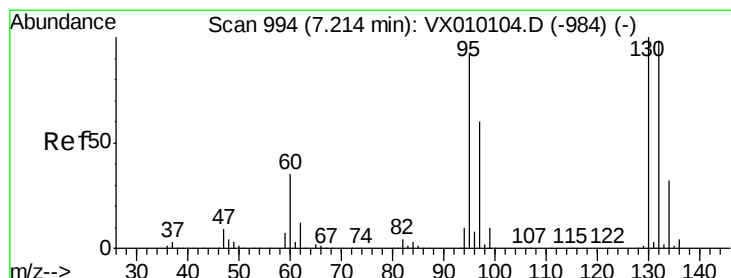
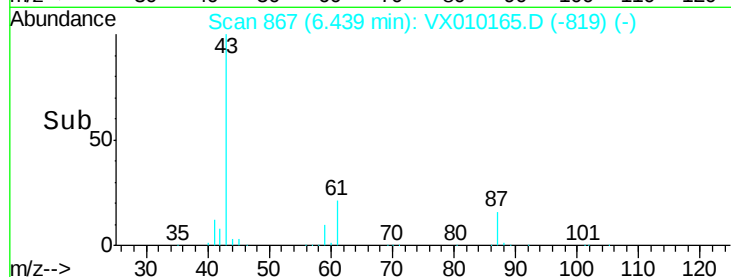
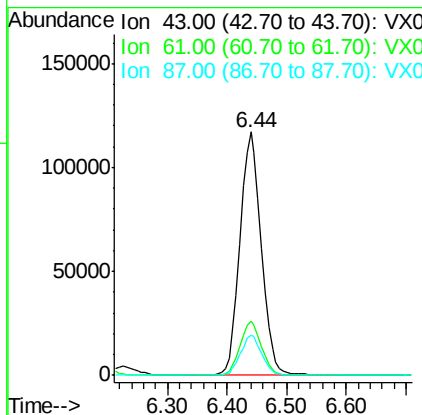
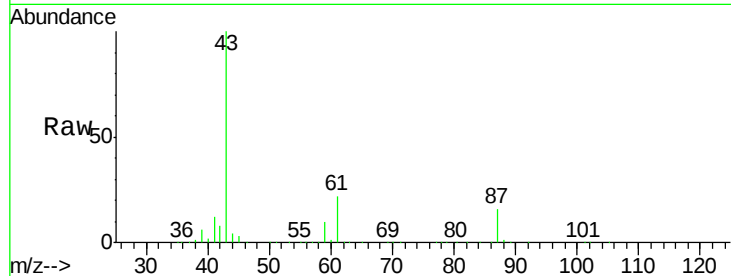
Isopropyl Acetate  
 Concen: 46.774 ug/l  
 RT: 6.44 min Scan# 867  
 Delta R.T. -0.01 min  
 Lab File: VX010165.D  
 Acq: 10 Jun 2019 09:47

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 22.4  | 14.6  | 21.8# |
| 87      | 16.4  | 8.7   | 13.1# |

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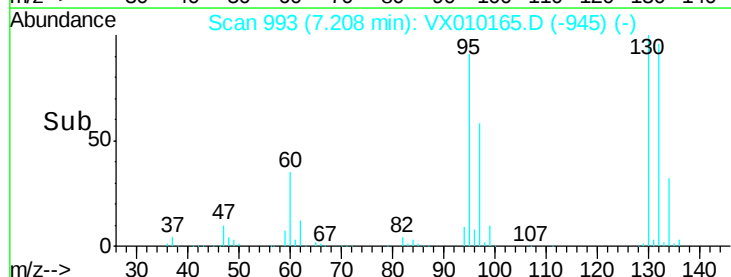
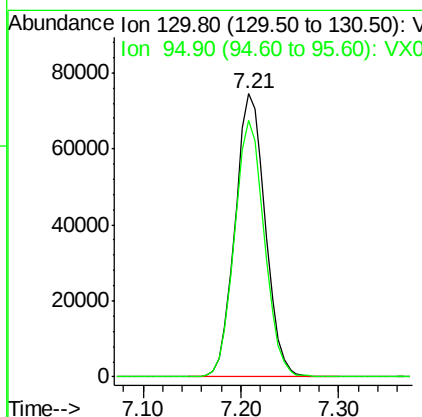
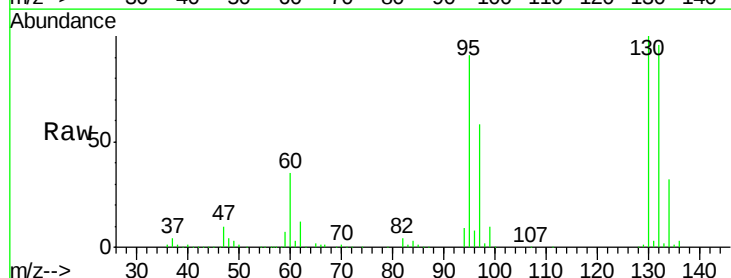
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 6/11/2019 11:54:23 AM

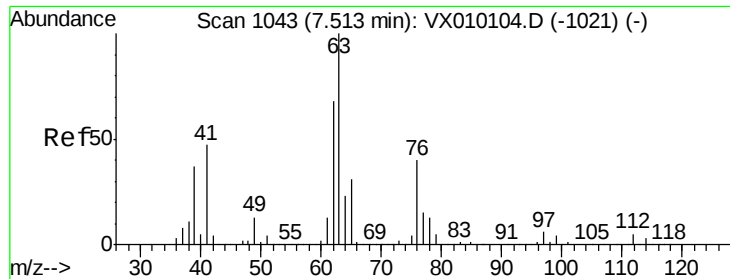


#44

Trichloroethene  
 Concen: 47.961 ug/l  
 RT: 7.21 min Scan# 993  
 Delta R.T. -0.01 min  
 Lab File: VX010165.D  
 Acq: 10 Jun 2019 09:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 90.5  | 0.0   | 207.4 |





#45

1,2-Dichloropropane

Concen: 47.930 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 132383

Ion Ratio Lower Upper

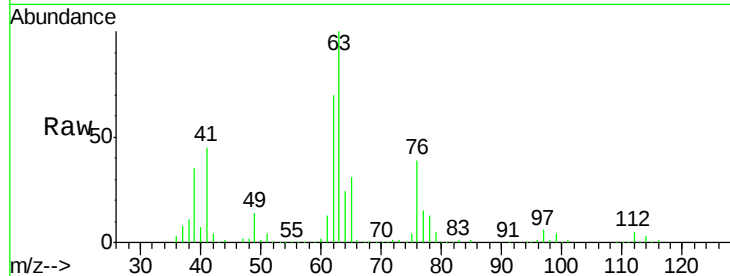
63 100

65 31.2 25.7 38.5

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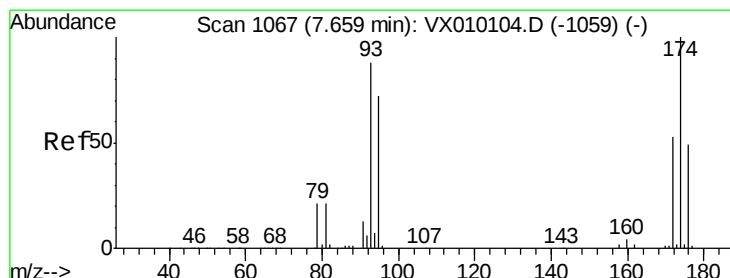
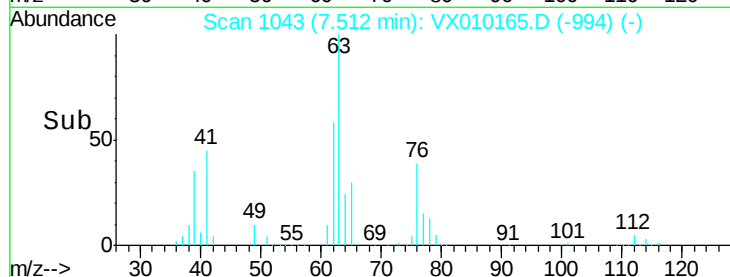
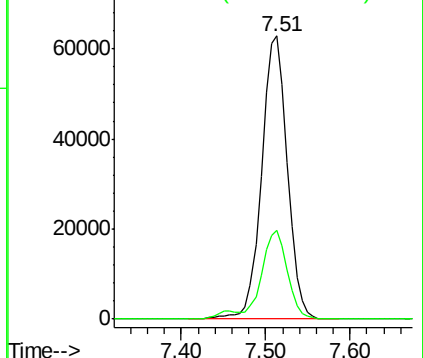
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 46.045 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

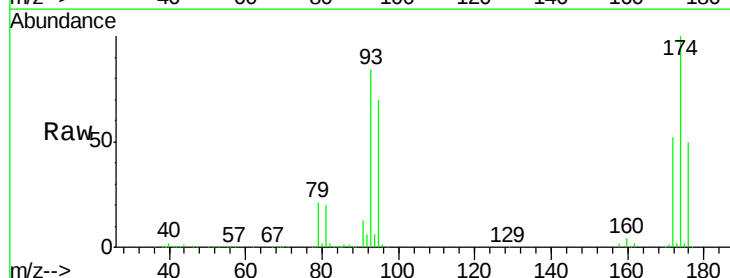
Tgt Ion: 93 Resp: 95278

Ion Ratio Lower Upper

93 100

95 85.3 66.8 100.2

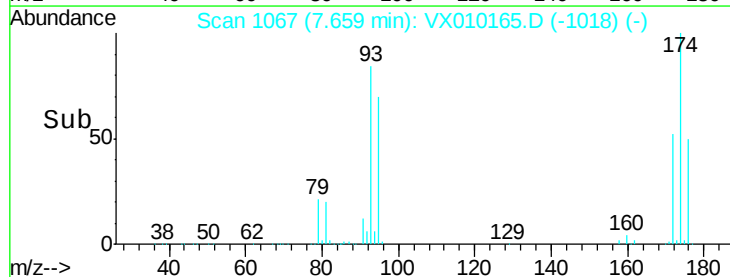
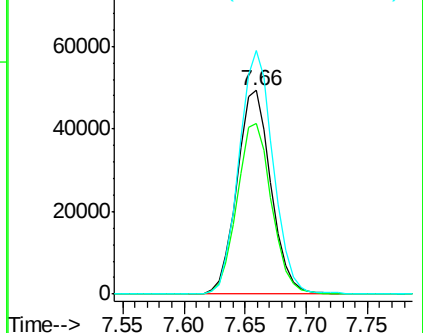
174 119.7 81.9 122.9



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.368 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA\_X

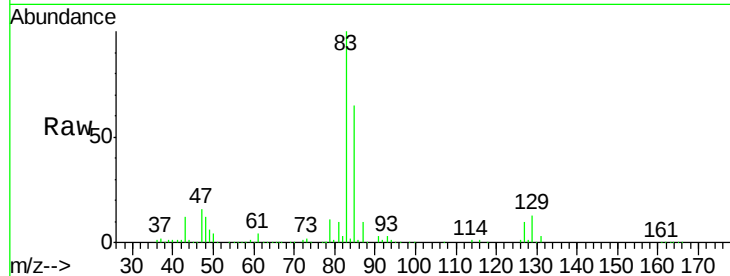
ClientSampled :

VSTDCCC050

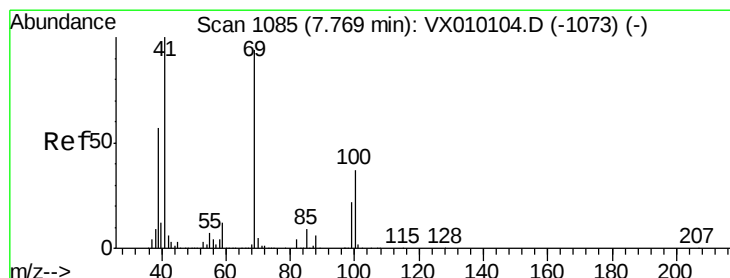
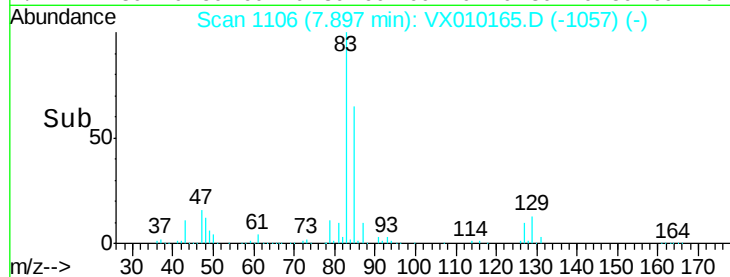
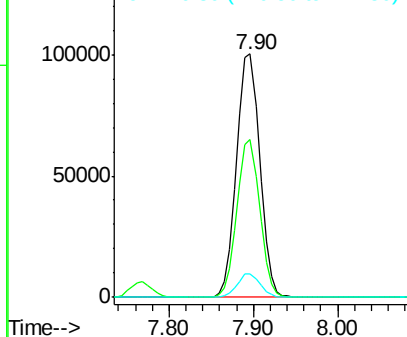
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 187018 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 64.7  | 51.4  | 77.2   |
| 127      | 9.6   | 6.4   | 9.6    |

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Abundance Ion 82.90 (82.60 to 83.60): VX0  
Ion 84.90 (84.60 to 85.60): VX0  
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 47.821 ug/l

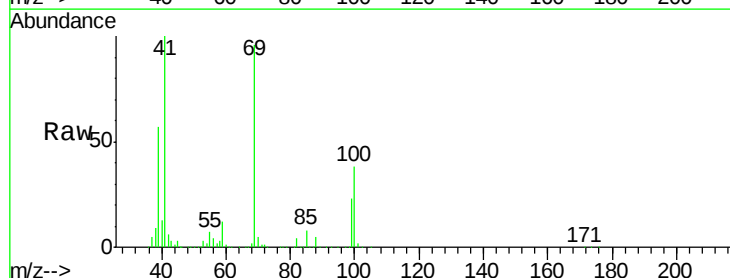
RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

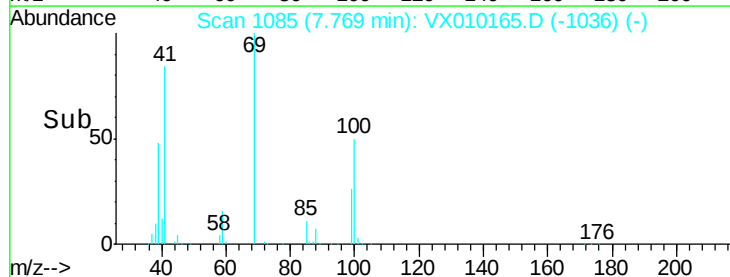
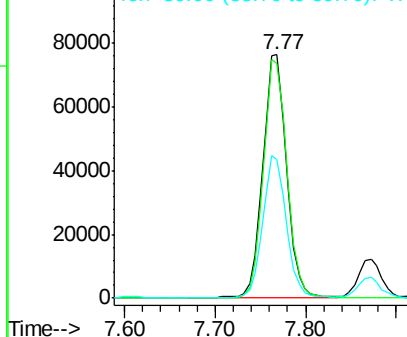
Lab File: VX010165.D

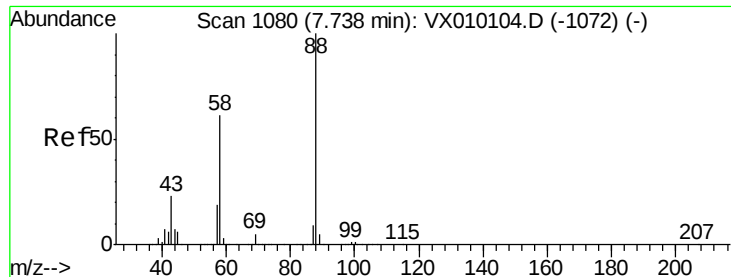
Acq: 10 Jun 2019 09:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 138848 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 69       | 97.8  | 56.4  | 84.6#  |
| 39       | 57.4  | 40.6  | 60.8   |



Abundance Ion 41.00 (40.70 to 41.70): VX0  
Ion 69.00 (68.70 to 69.70): VX0  
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 955.154 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA\_X

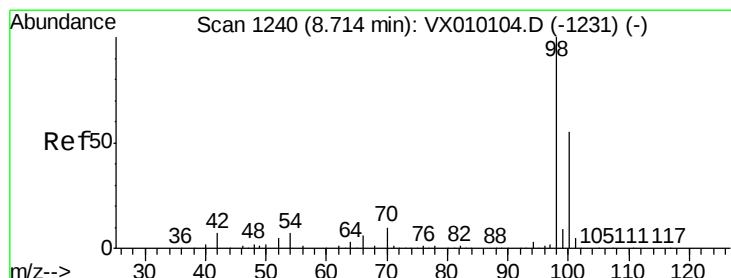
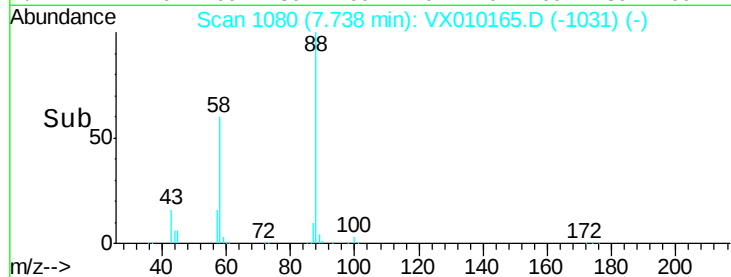
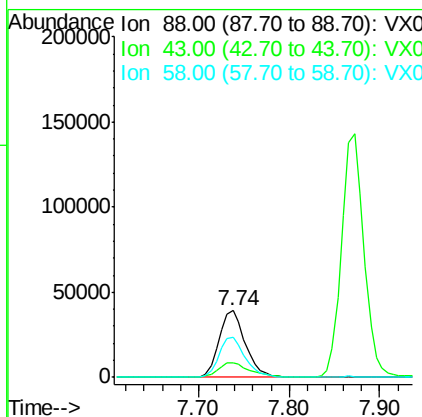
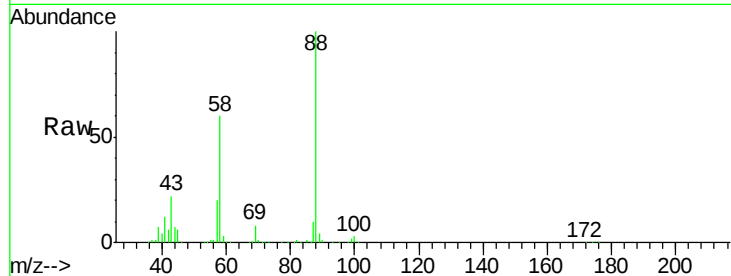
ClientSampleId :

VSTDCCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 88    | Resp: | 79069 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 24.9  | 30.2  | 45.4# |
| 58       | 60.5  | 64.0  | 96.0# |

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#50

Toluene-d8

Concen: 49.154 ug/l

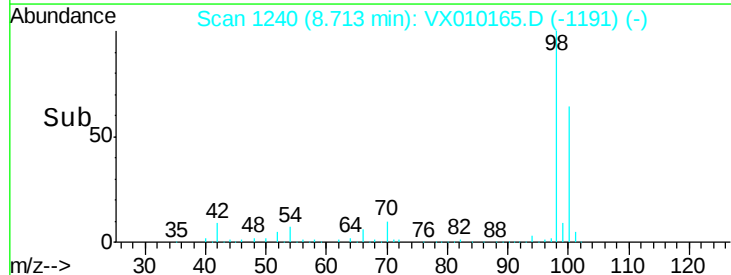
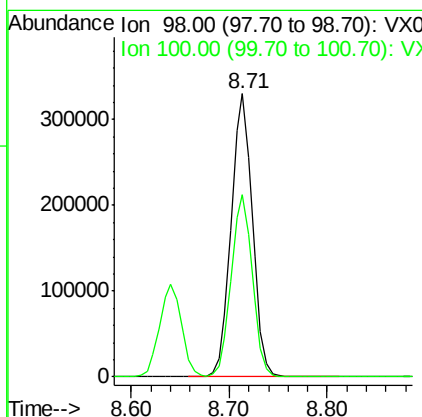
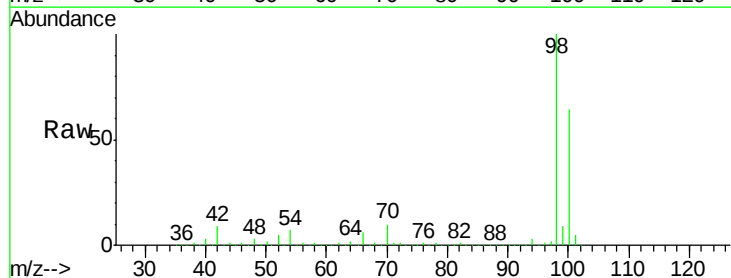
RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 497056 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 64.2  | 51.5  | 77.3   |





#51

4-Methyl-2-Pentanone

Concen: 245.074 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 908947

Ion Ratio Lower Upper

43 100

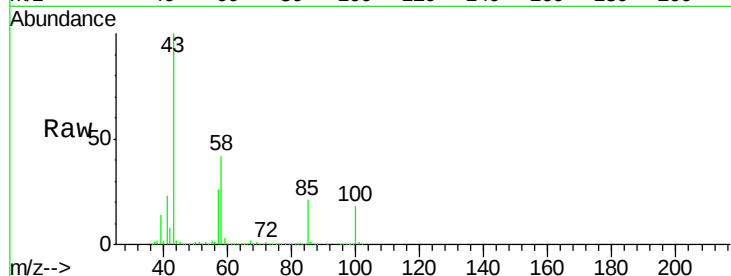
58 42.3 28.8 43.2

Manual Integrations

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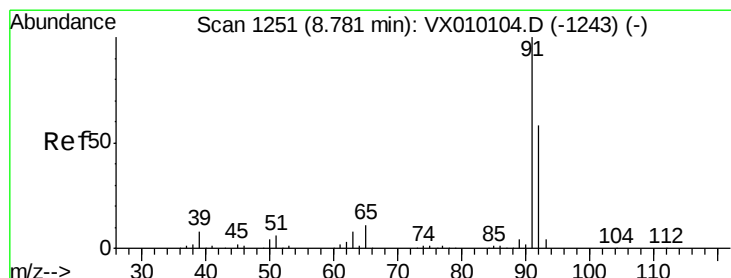
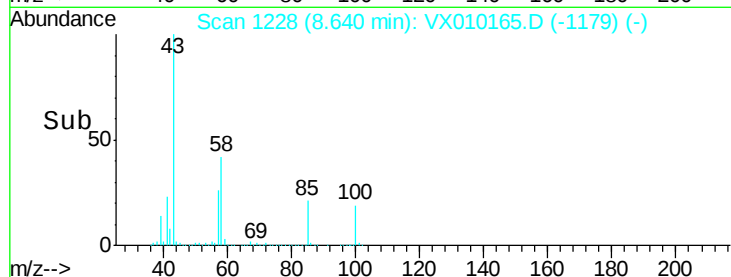
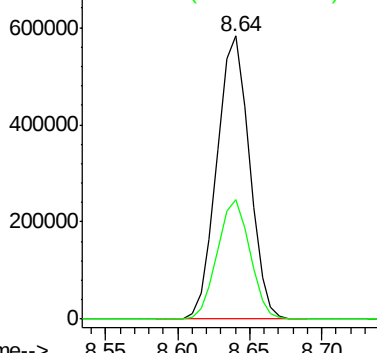
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 47.970 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX010165.D

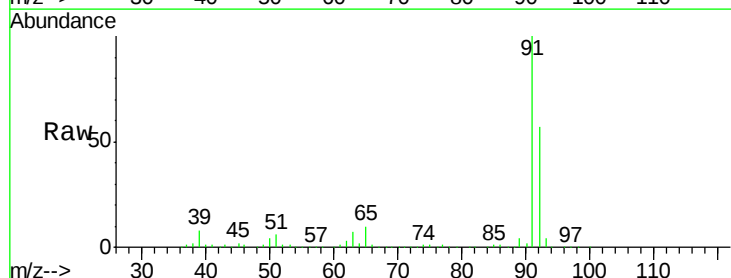
Acq: 10 Jun 2019 09:47

Tgt Ion: 92 Resp: 347969

Ion Ratio Lower Upper

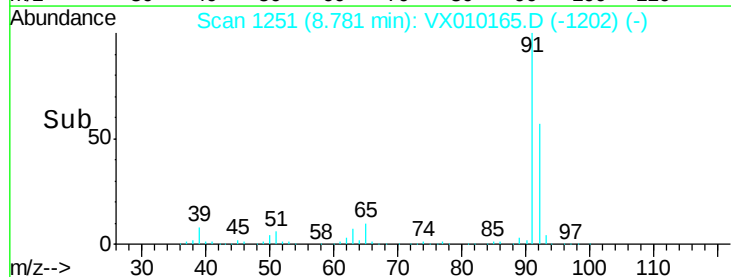
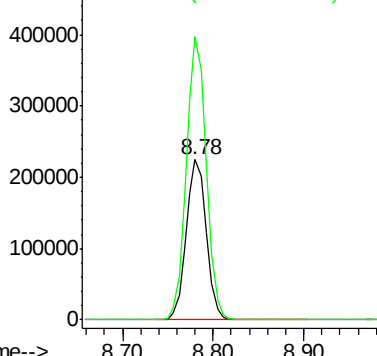
92 100

91 174.8 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





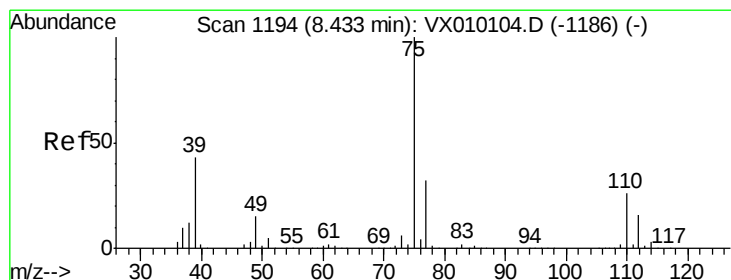
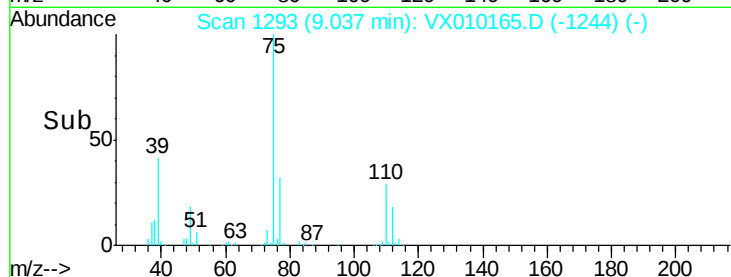
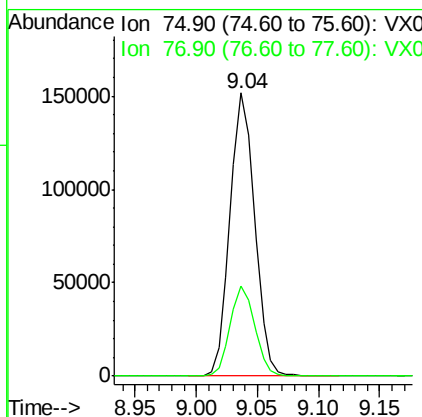
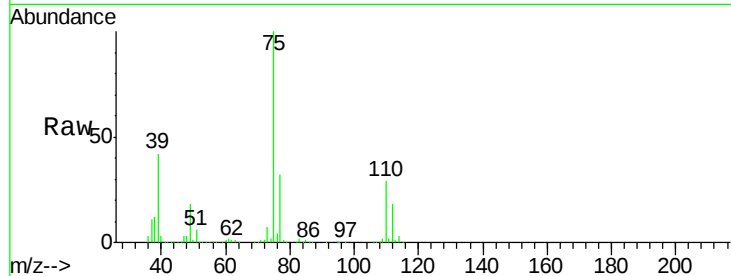
#53  
t-1,3-Dichloropropene  
Concen: 47.530 ug/l  
RT: 9.04 min Scan# 1293  
Delta R.T. -0.00 min  
Lab File: VX010165.D  
Acq: 10 Jun 2019 09:47

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 75 Resp: 212573  
Ion Ratio Lower Upper  
75 100  
77 31.7 24.6 36.8

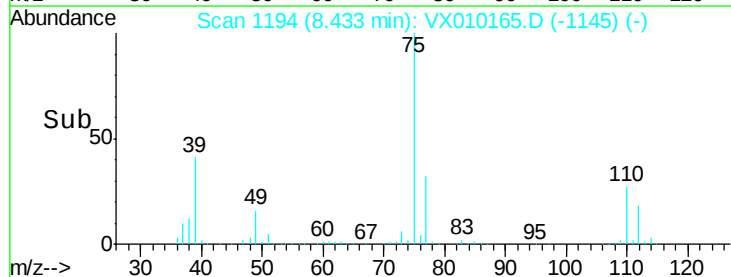
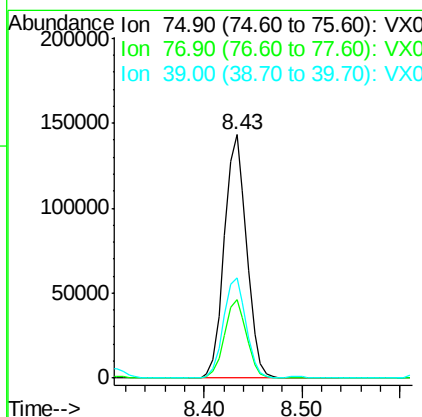
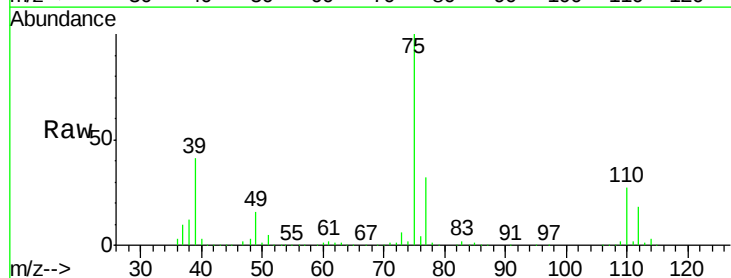
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#54  
cis-1,3-Dichloropropene  
Concen: 47.242 ug/l  
RT: 8.43 min Scan# 1194  
Delta R.T. -0.00 min  
Lab File: VX010165.D  
Acq: 10 Jun 2019 09:47

Tgt Ion: 75 Resp: 226507  
Ion Ratio Lower Upper  
75 100  
77 32.2 24.8 37.2  
39 40.9 43.4 65.0#





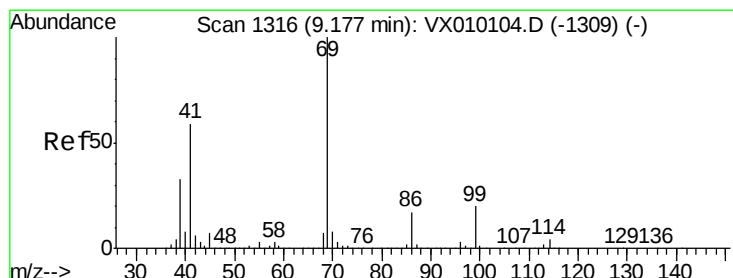
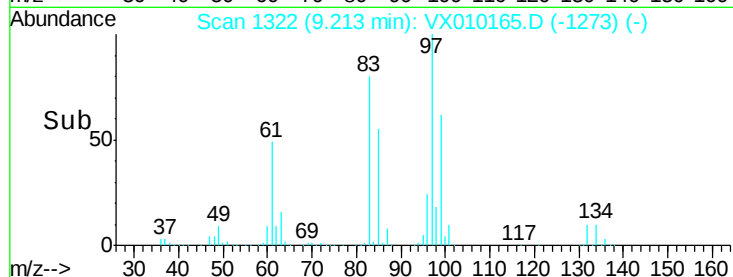
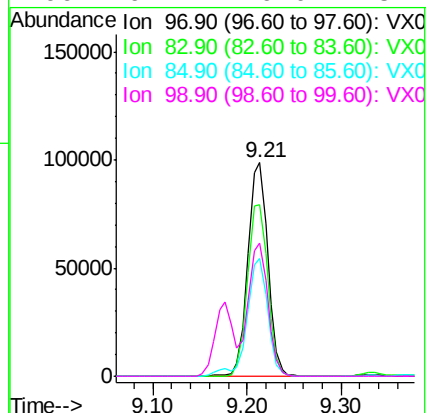
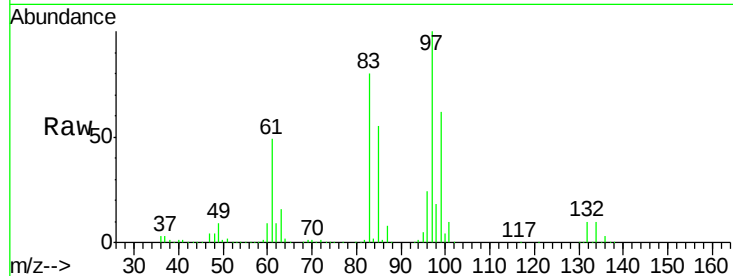
#55  
 1,1,2-Trichloroethane  
 Concen: 49.509 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. -0.00 min  
 Lab File: VX010165.D  
 Acq: 10 Jun 2019 09:47

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 97    | Resp: | 147082 |
| Ion Ratio | Lower | Upper |        |
| 97        | 100   |       |        |
| 83        | 80.2  | 69.8  | 104.8  |
| 85        | 55.0  | 45.3  | 67.9   |
| 99        | 62.2  | 49.0  | 73.4   |

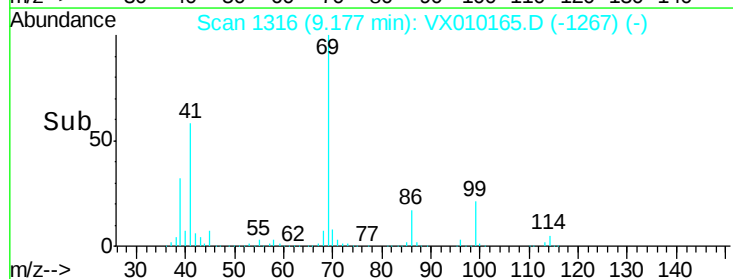
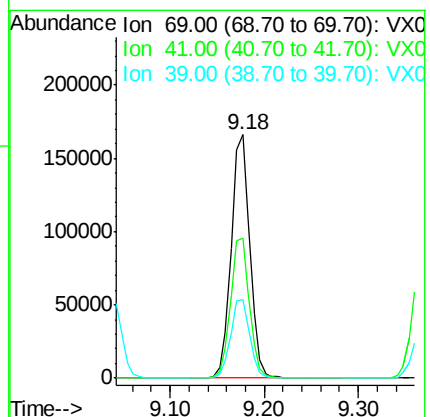
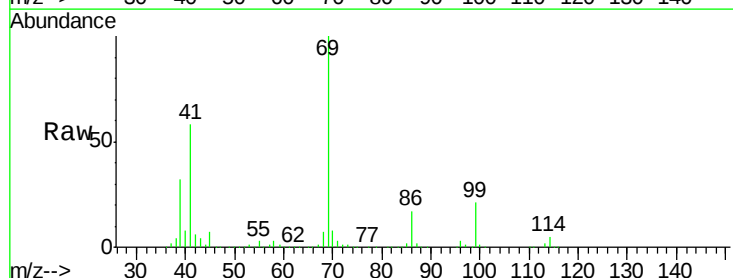
Manual Integrations  
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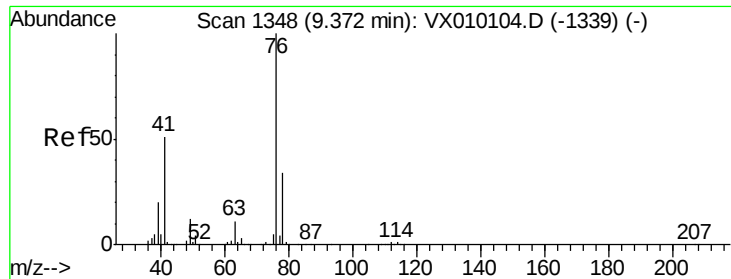
MMDadoda  
 6/11/2019 11:54:23 AM



#56  
 Ethyl methacrylate  
 Concen: 48.482 ug/l  
 RT: 9.18 min Scan# 1316  
 Delta R.T. -0.00 min  
 Lab File: VX010165.D  
 Acq: 10 Jun 2019 09:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 69    | Resp: | 227519 |
| Ion Ratio | Lower | Upper |        |
| 69        | 100   |       |        |
| 41        | 58.4  | 62.7  | 94.1#  |
| 39        | 33.0  | 29.5  | 44.3   |





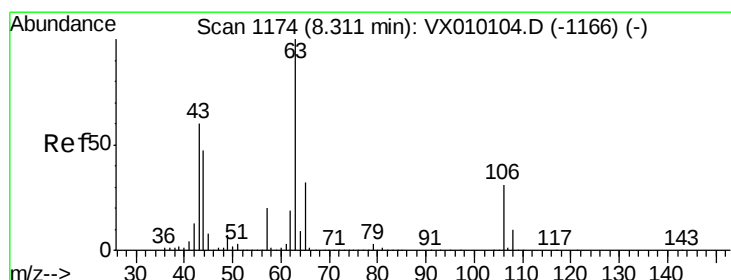
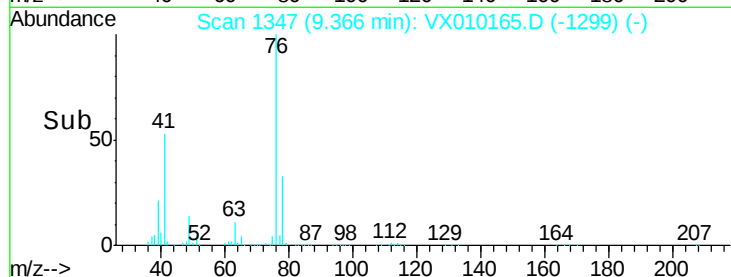
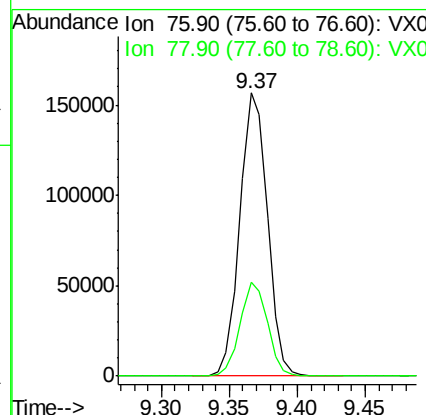
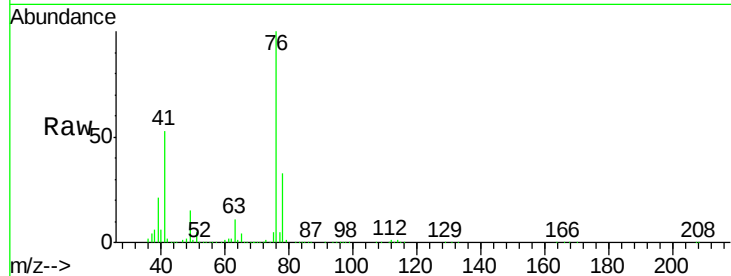
#57  
 1,3-Dichloropropane  
 Concen: 47.480 ug/l  
 RT: 9.37 min Scan# 1347  
 Delta R.T. -0.01 min  
 Lab File: VX010165.D  
 Acq: 10 Jun 2019 09:47

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 76 Resp: 222068  
 Ion Ratio Lower Upper  
 76 100  
 78 32.9 25.4 38.0

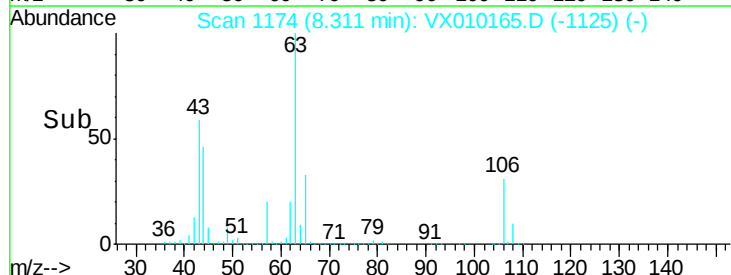
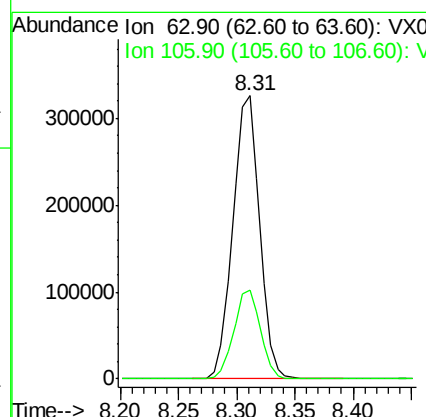
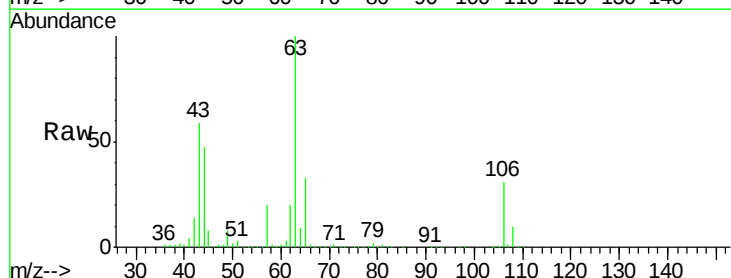
Manual Integrations  
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 6/11/2019 11:54:23 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 235.078 ug/l  
 RT: 8.31 min Scan# 1174  
 Delta R.T. -0.00 min  
 Lab File: VX010165.D  
 Acq: 10 Jun 2019 09:47

Tgt Ion: 63 Resp: 520065  
 Ion Ratio Lower Upper  
 63 100  
 106 31.4 19.4 29.2#





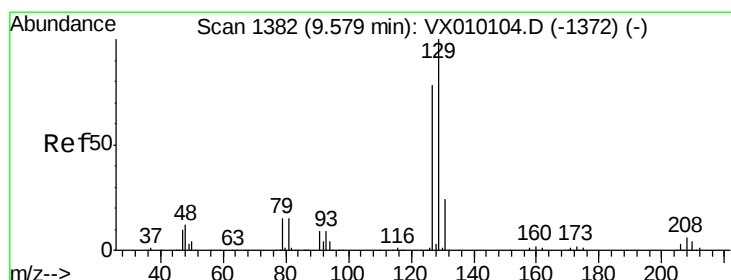
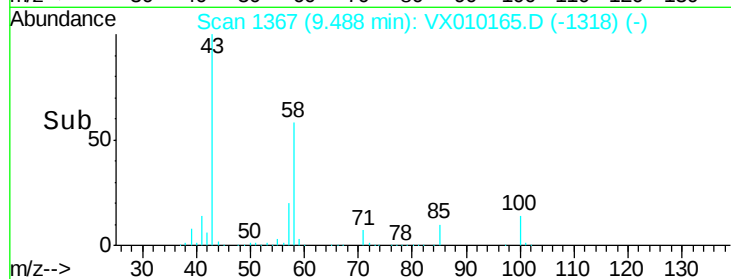
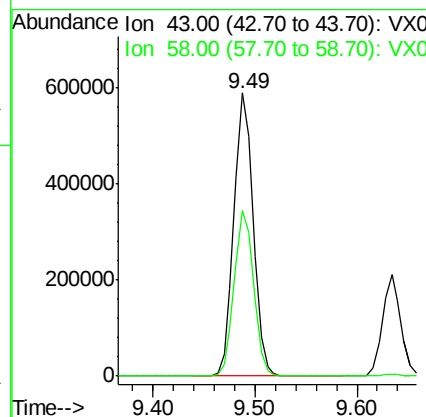
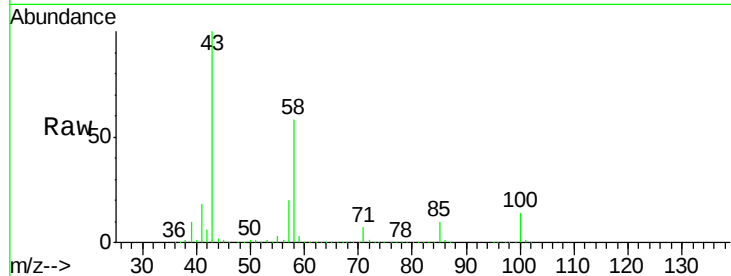
#59  
2-Hexanone  
Concen: 259.940 ug/l  
RT: 9.49 min Scan# 1367  
Delta R.T. -0.00 min  
Lab File: VX010165.D  
Acq: 10 Jun 2019 09:47

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 768675  
Ion Ratio Lower Upper  
43 100  
58 58.8 25.1 75.3

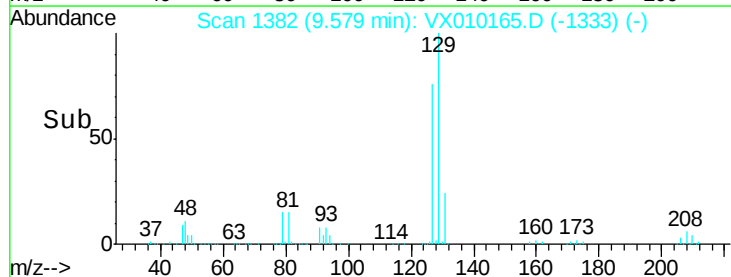
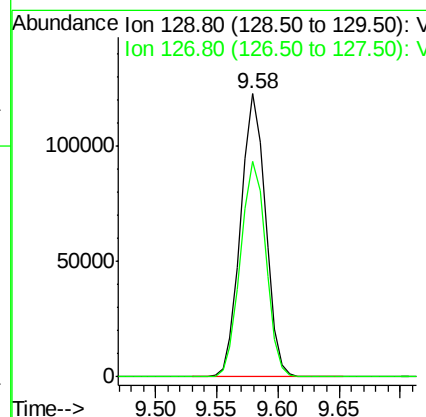
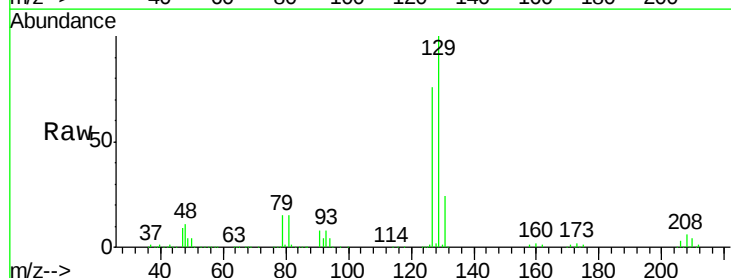
Manual Integrations  
APPROVED

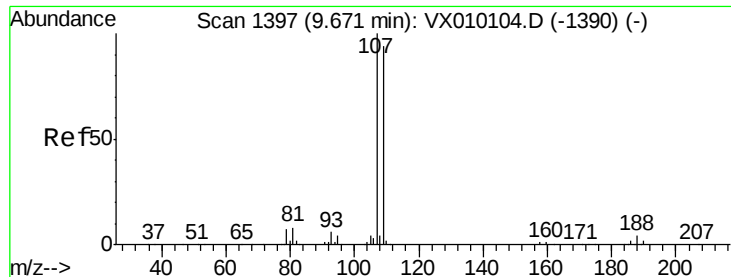
MMDadoda  
6/11/2019 11:54:23 AM



#60  
Dibromochloromethane  
Concen: 49.142 ug/l  
RT: 9.58 min Scan# 1382  
Delta R.T. -0.00 min  
Lab File: VX010165.D  
Acq: 10 Jun 2019 09:47

Tgt Ion:129 Resp: 172681  
Ion Ratio Lower Upper  
129 100  
127 77.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 48.097 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 159140

Ion Ratio Lower Upper

107 100

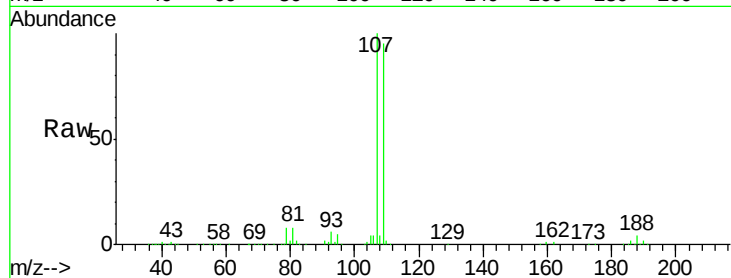
109 94.7 75.4 113.2

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

120000

100000

80000

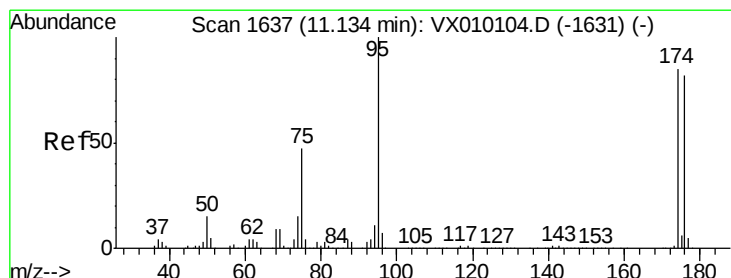
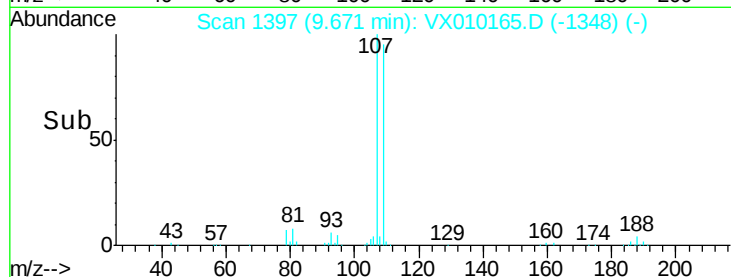
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.721 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

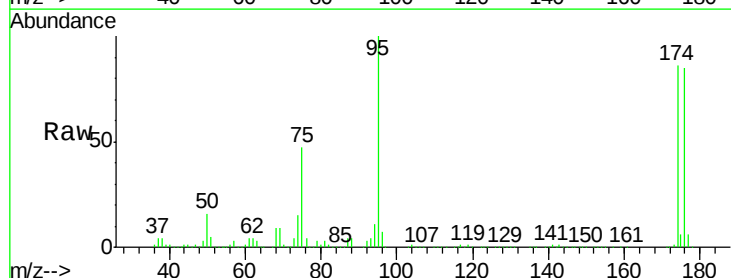
Tgt Ion: 95 Resp: 187770

Ion Ratio Lower Upper

95 100

174 90.7 0.0 160.4

176 87.7 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

200000

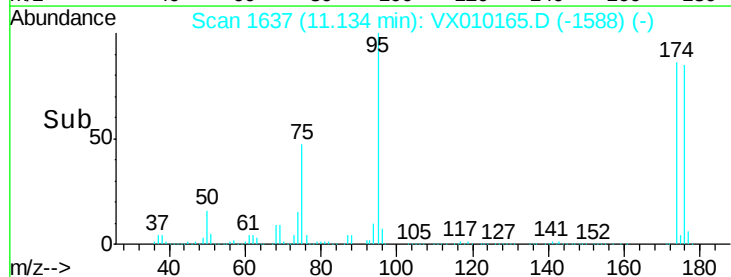
150000

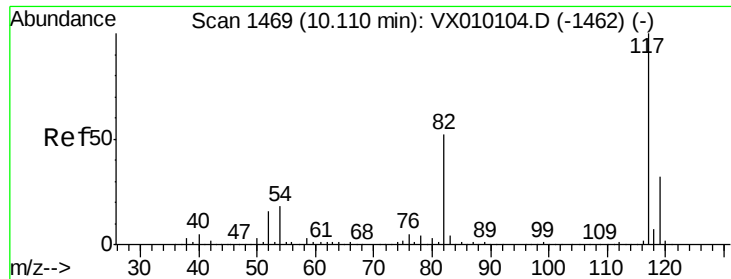
100000

50000

0

Time-->





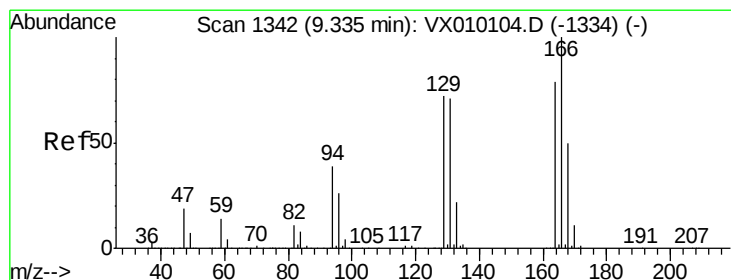
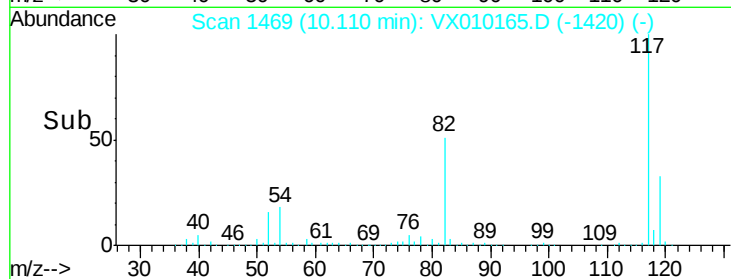
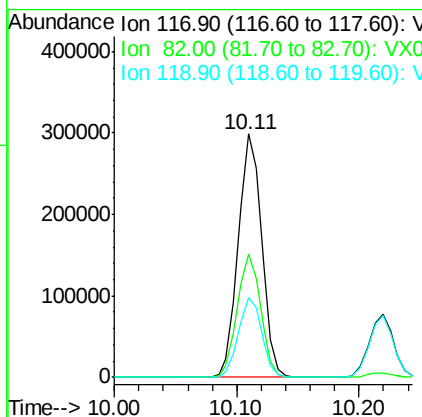
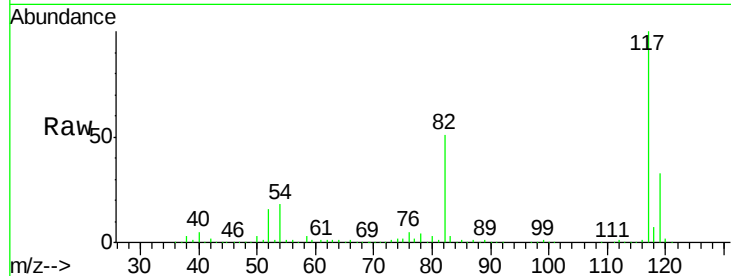
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. -0.00 min  
Lab File: VX010165.D  
Acq: 10 Jun 2019 09:47

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 50.6  | 49.2  | 73.8  |
| 119     | 32.7  | 25.2  | 37.8  |

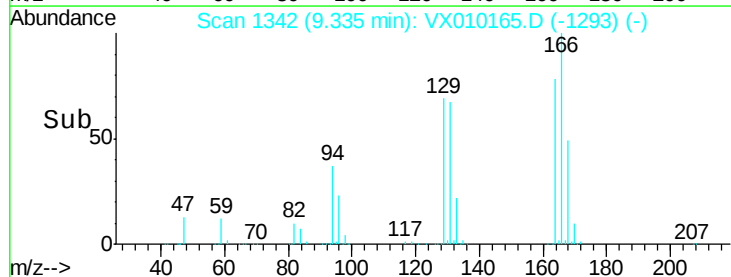
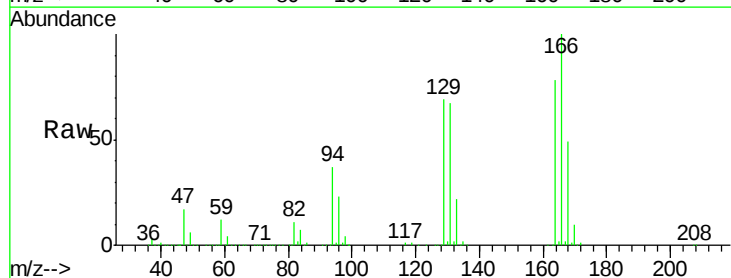
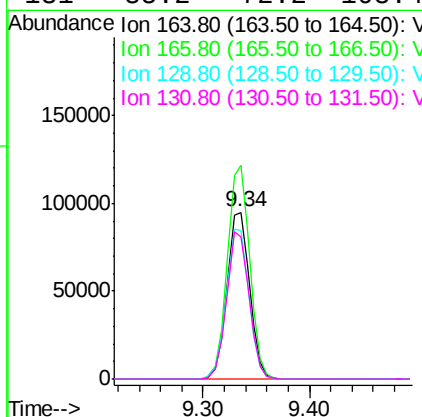
Manual Integrations  
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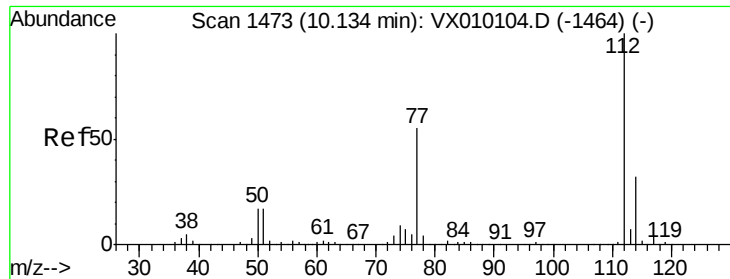
MMDadoda  
6/11/2019 11:54:23 AM



#64  
Tetrachloroethene  
Concen: 47.983 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. -0.00 min  
Lab File: VX010165.D  
Acq: 10 Jun 2019 09:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 128.0 | 105.0 | 157.4 |
| 129     | 88.7  | 75.1  | 112.7 |
| 131     | 85.2  | 72.2  | 108.4 |





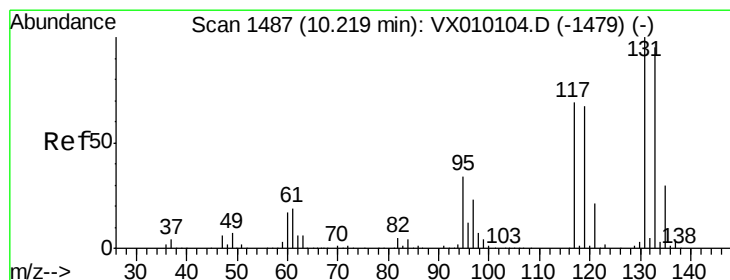
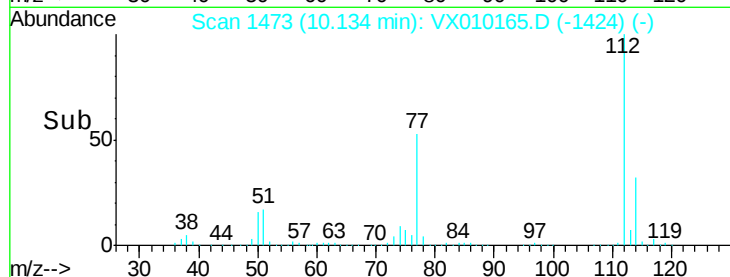
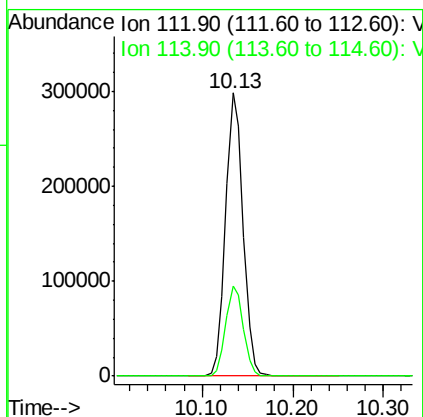
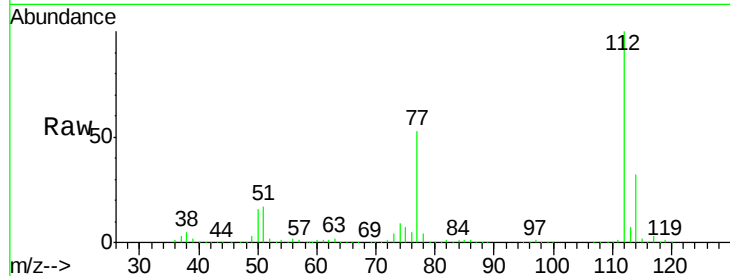
#65  
Chlorobenzene  
Concen: 48.981 ug/l  
RT: 10.13 min Scan# 1473  
Delta R.T. -0.00 min  
Lab File: VX010165.D  
Acq: 10 Jun 2019 09:47

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion:112 Resp: 400304  
Ion Ratio Lower Upper  
112 100  
114 31.8 25.8 38.8

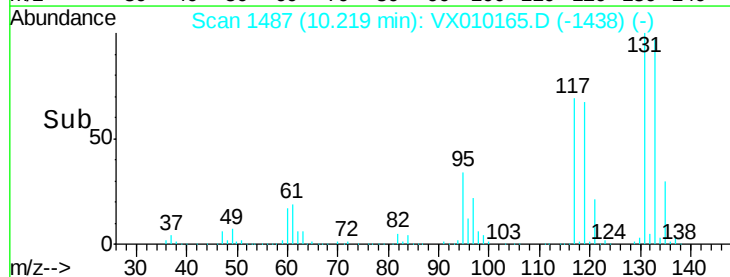
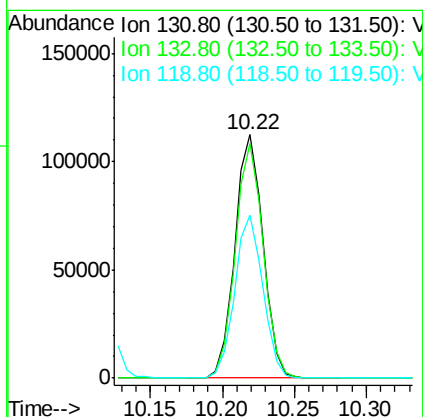
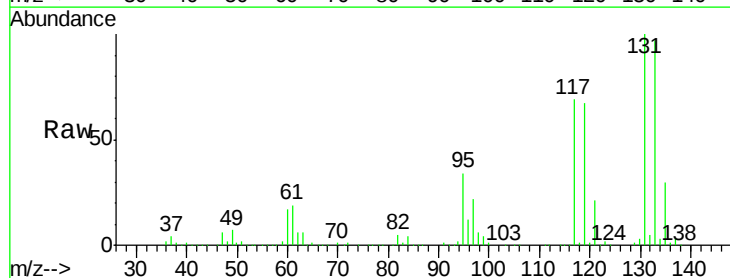
Manual Integrations  
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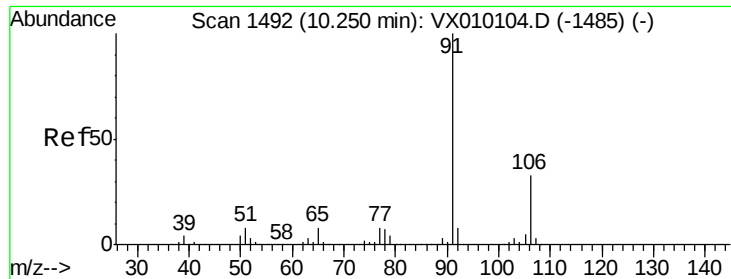
MMDadoda  
6/11/2019 11:54:23 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 48.749 ug/l  
RT: 10.22 min Scan# 1487  
Delta R.T. -0.00 min  
Lab File: VX010165.D  
Acq: 10 Jun 2019 09:47

Tgt Ion:131 Resp: 153214  
Ion Ratio Lower Upper  
131 100  
133 95.6 47.5 142.6  
119 67.0 33.4 100.1





#67

Ethyl Benzene

Concen: 48.911 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 680485

Ion Ratio Lower Upper

91 100

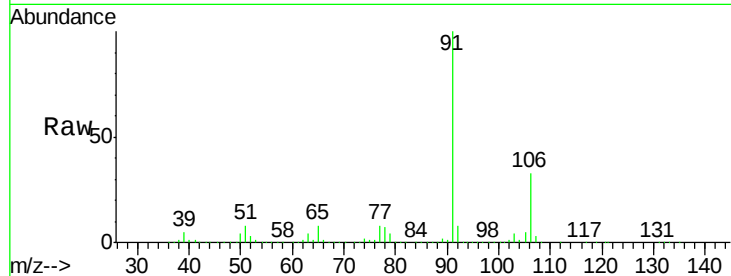
106 33.0 23.9 35.9

Manual Integrations

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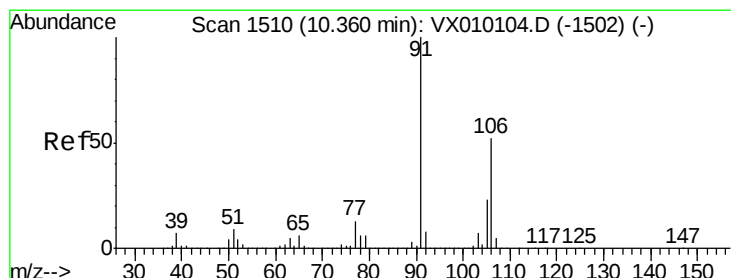
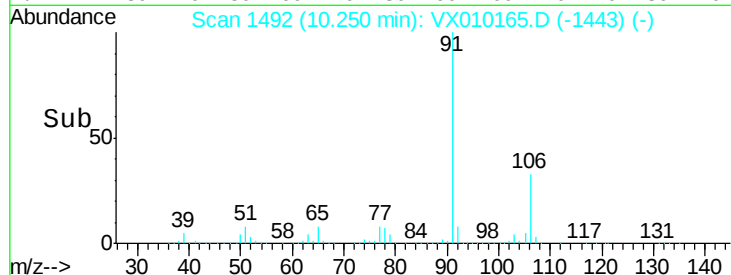
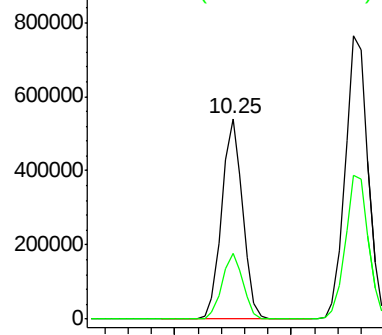
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 98.940 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX010165.D

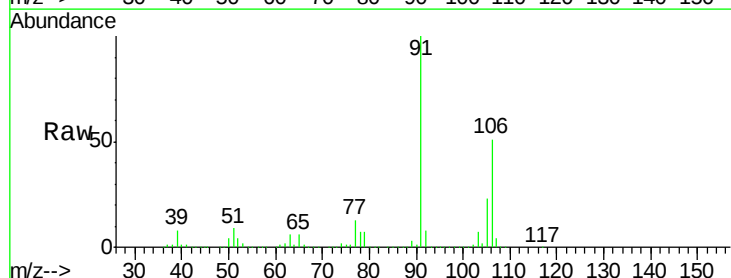
Acq: 10 Jun 2019 09:47

Tgt Ion: 106 Resp: 532675

Ion Ratio Lower Upper

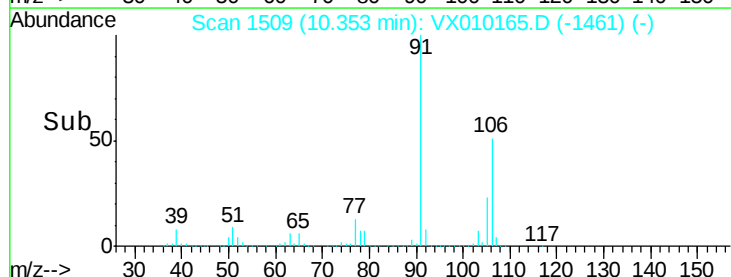
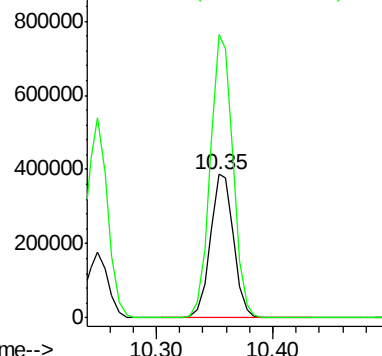
106 100

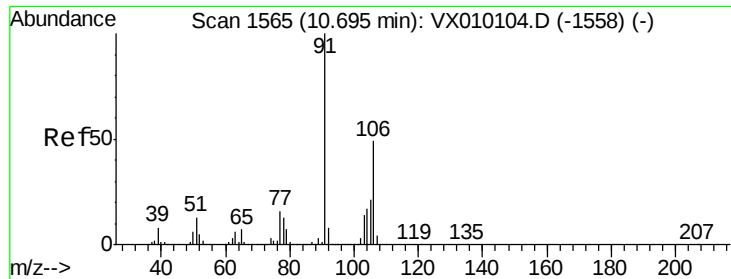
91 194.9 167.3 250.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





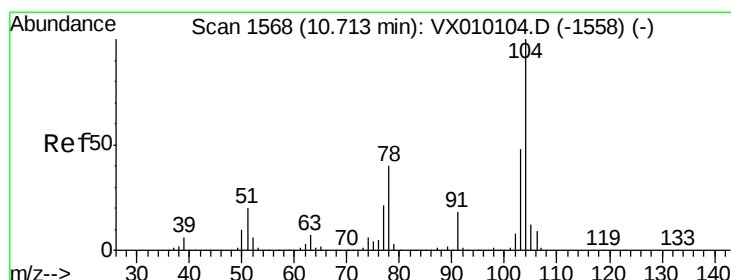
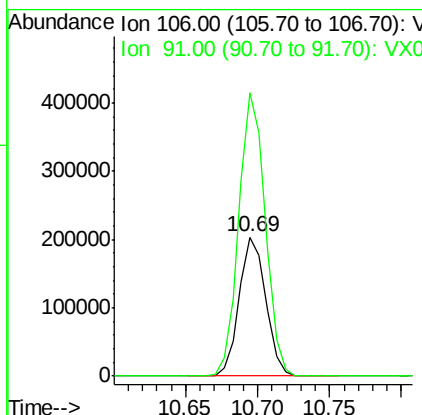
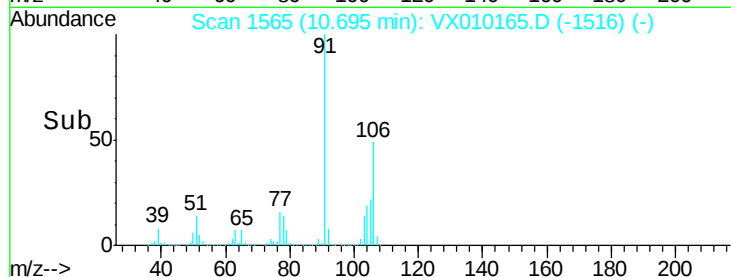
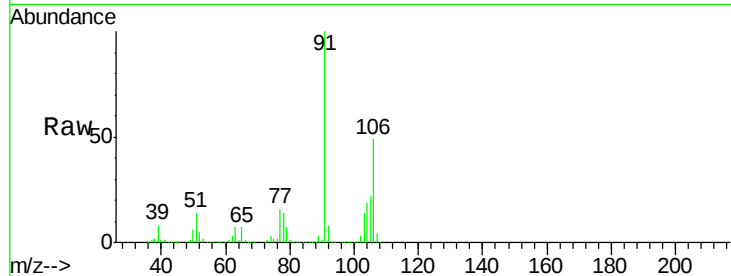
#69  
o-Xylene  
Concen: 49.019 ug/l  
RT: 10.69 min Scan# 1565  
Delta R.T. -0.00 min  
Lab File: VX010165.D  
Acq: 10 Jun 2019 09:47

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion:106 Resp: 262339  
Ion Ratio Lower Upper  
106 100  
91 202.0 110.4 331.2

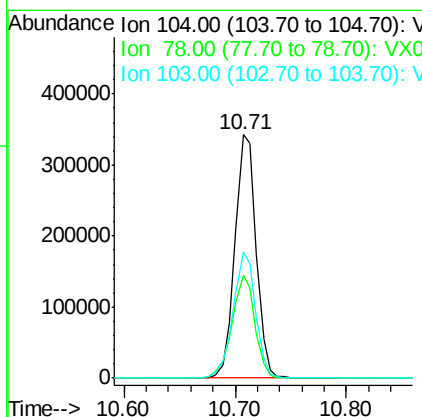
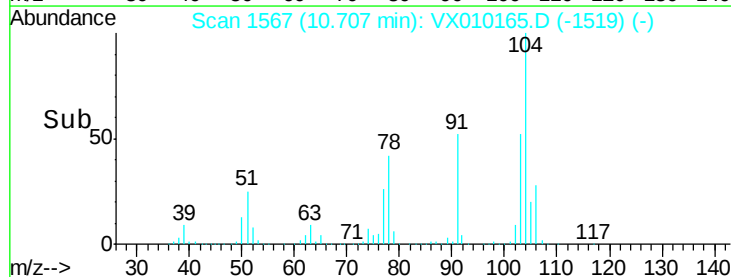
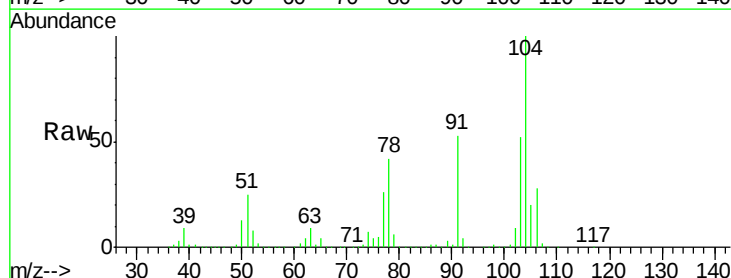
Manual Integrations  
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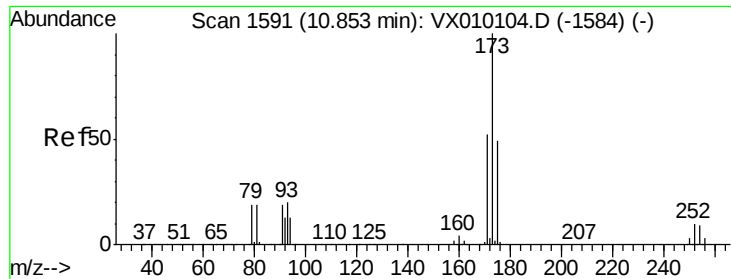
MMDadoda  
6/11/2019 11:54:23 AM



#70  
Styrene  
Concen: 49.786 ug/l  
RT: 10.71 min Scan# 1567  
Delta R.T. -0.01 min  
Lab File: VX010165.D  
Acq: 10 Jun 2019 09:47

Tgt Ion:104 Resp: 451263  
Ion Ratio Lower Upper  
104 100  
78 45.5 42.1 63.1  
103 54.7 44.1 66.1





#71

Bromoform

Concen: 50.276 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA\_X

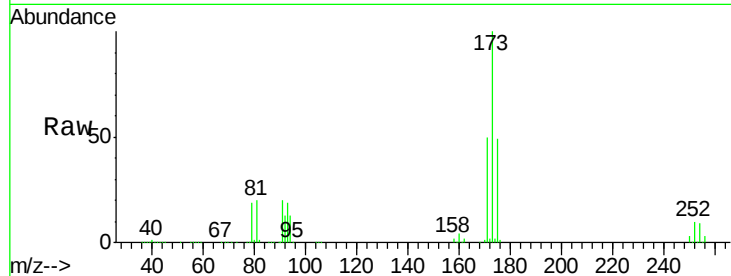
ClientSampleId :

VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 48.9  | 25.0  | 75.0  |
| 254     | 0.1   | 0.2   | 0.2#  |

Manual Integrations  
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6/11/2019 11:54:23 AM

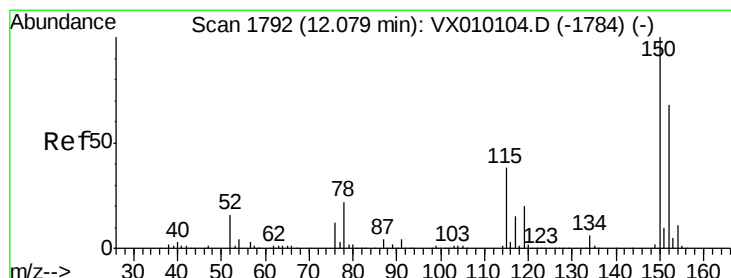
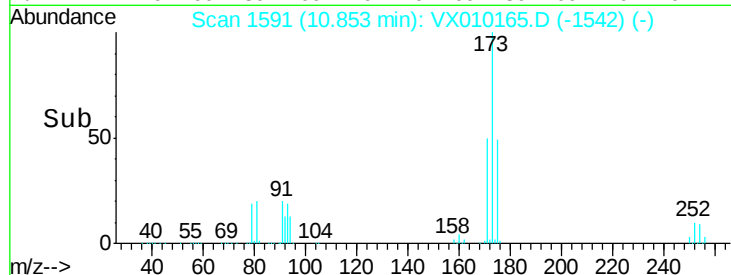
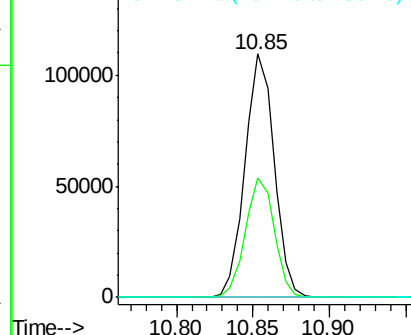


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

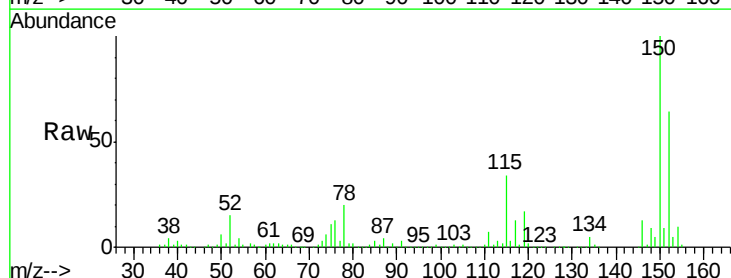
RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 76.5  | 41.4  | 124.2 |
| 150     | 171.8 | 0.0   | 345.2 |

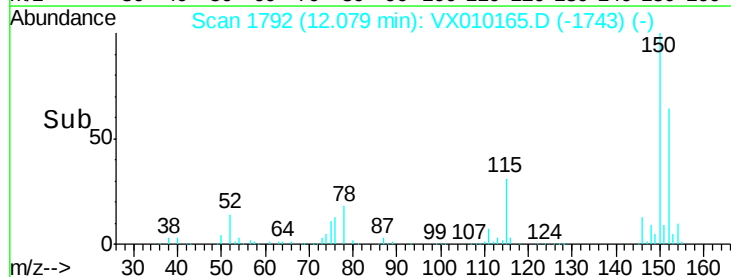
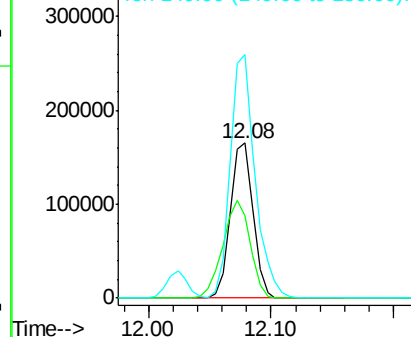


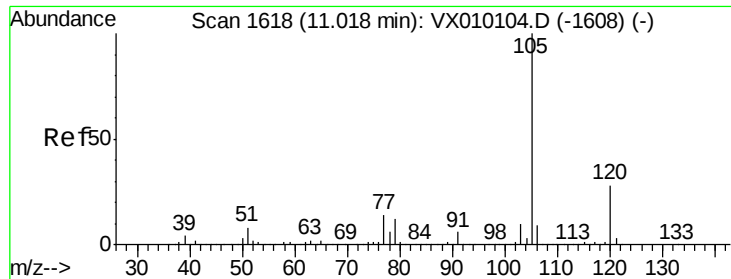
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.272 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 692842

Ion Ratio Lower Upper

105 100

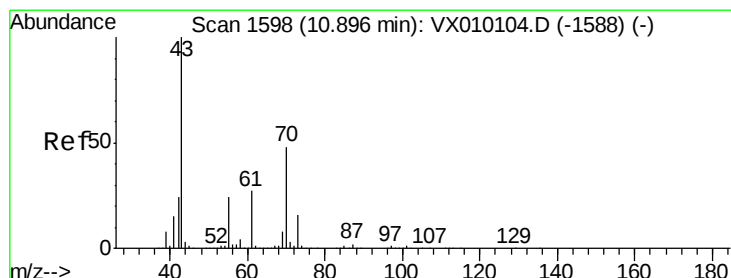
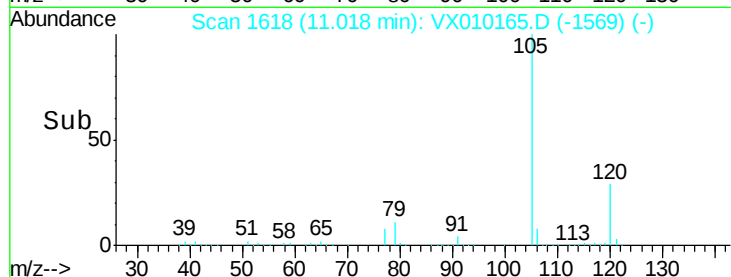
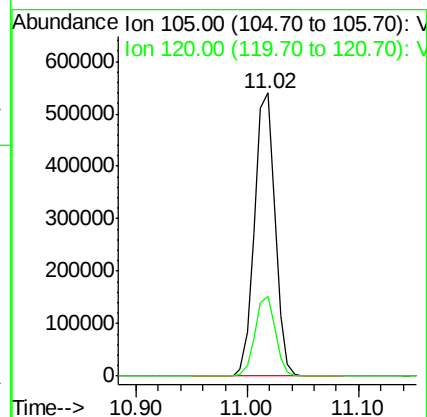
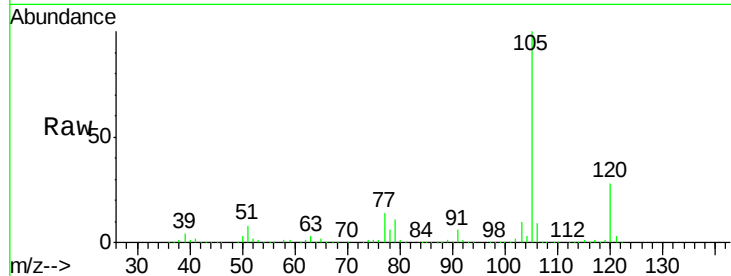
120 28.1 12.8 38.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 46.900 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Tgt Ion: 43 Resp: 271722

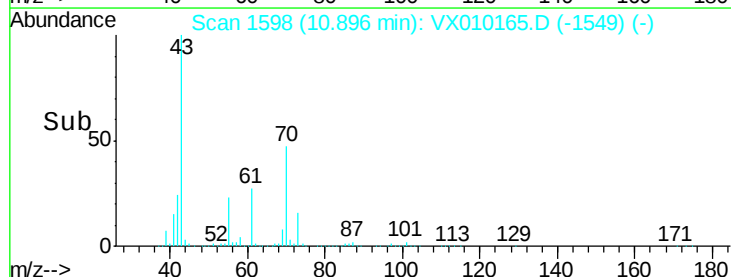
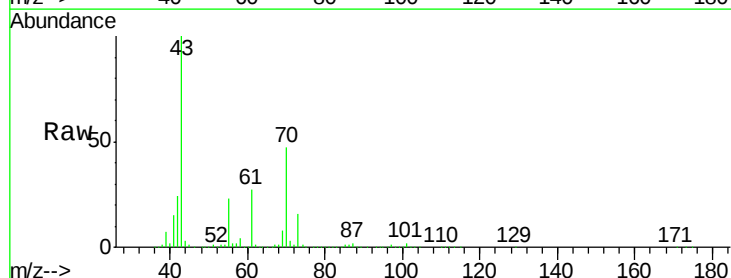
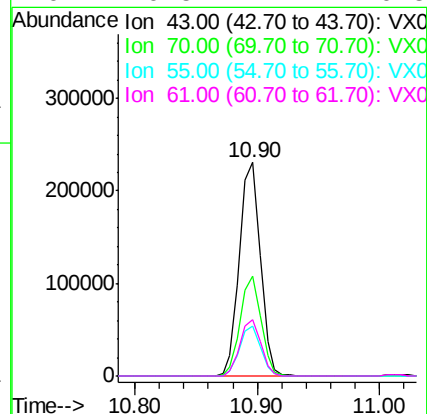
Ion Ratio Lower Upper

43 100

70 46.4 28.6 43.0#

55 23.7 17.8 26.8

61 26.5 17.7 26.5#





#75

1,1,2,2-Tetrachloroethane

Concen: 45.301 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA\_X

ClientSampled :

VSTDCCC050

Tot Ion: 83 Resp: 227278

Ion Ratio Lower Upper

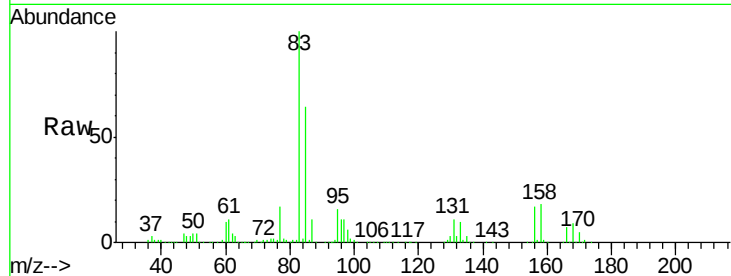
83 100

131 11.1 4.7 14.1

85 64.7 31.9 95.9

Manual Integrations  
APPROVED

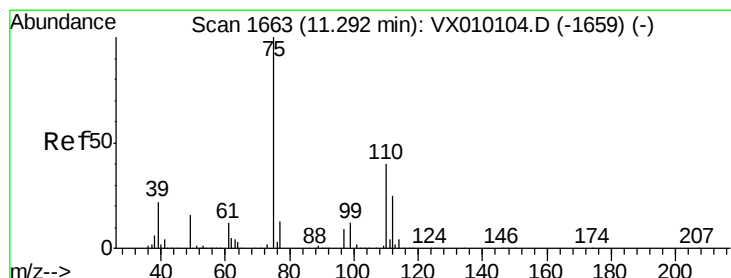
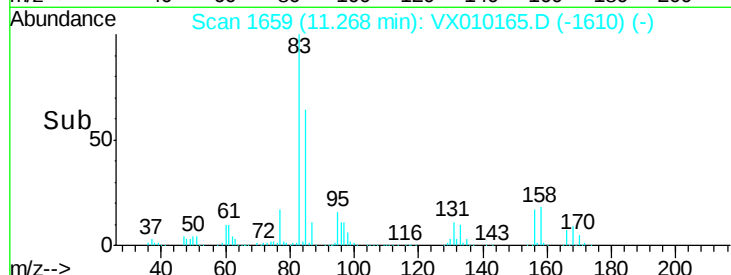
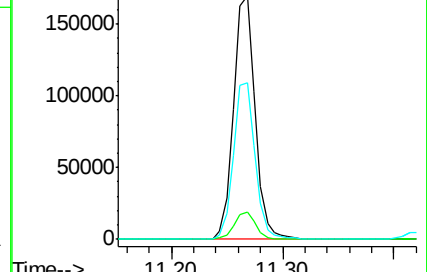
MMDadoda  
6/11/2019 11:54:23 AM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 45.360 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010165.D

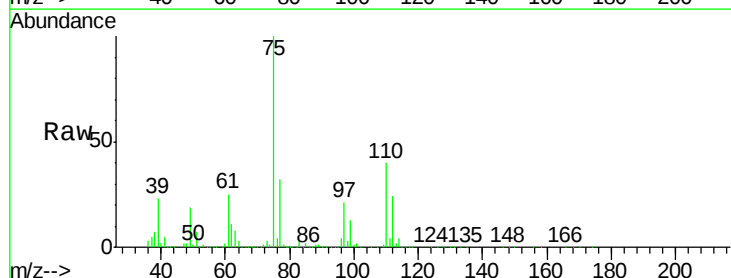
Acq: 10 Jun 2019 09:47

Tgt Ion: 75 Resp: 190495

Ion Ratio Lower Upper

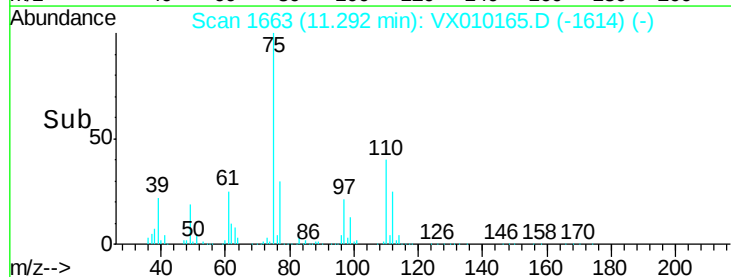
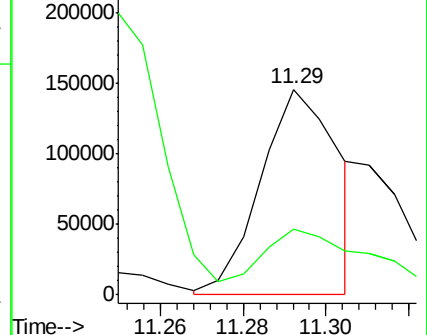
75 100

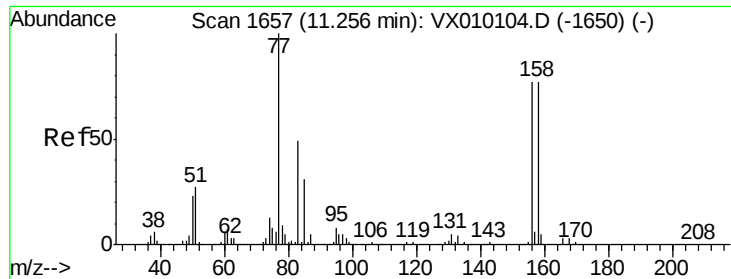
77 45.4 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.487 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA\_X

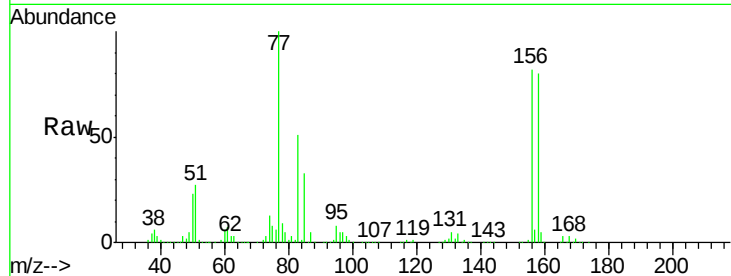
ClientSampleId :

VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 134.1 | 86.8  | 260.3 |
| 158     | 97.2  | 49.6  | 148.8 |

Manual Integrations  
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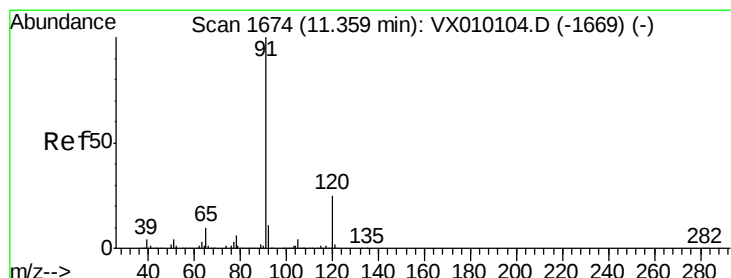
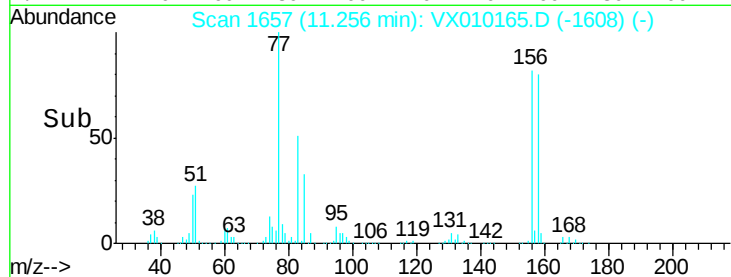
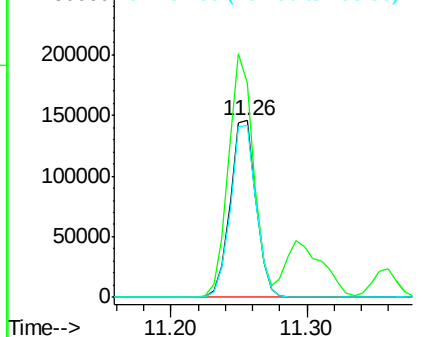
MMDadoda  
6/11/2019 11:54:23 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.312 ug/l

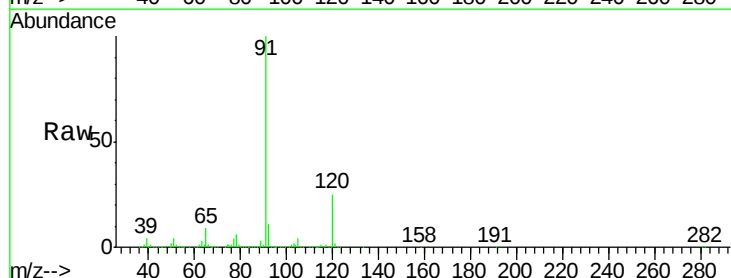
RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010165.D

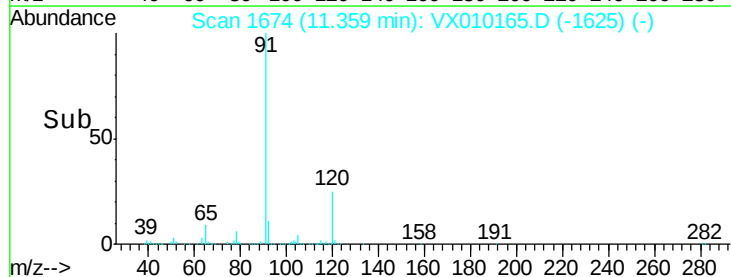
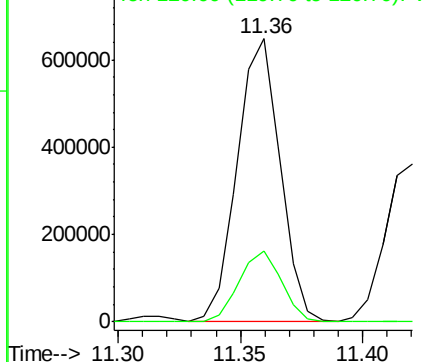
Acq: 10 Jun 2019 09:47

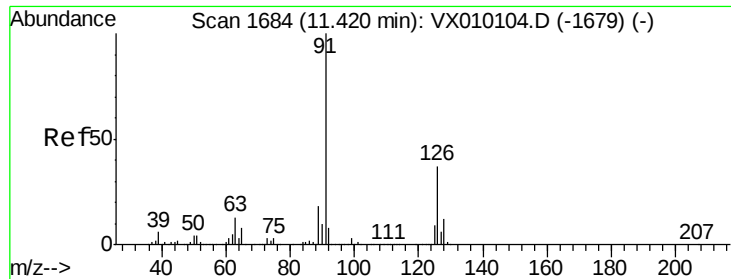
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 25.2  | 11.1  | 33.3  |



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.914 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 459746

Ion Ratio Lower Upper

91 100

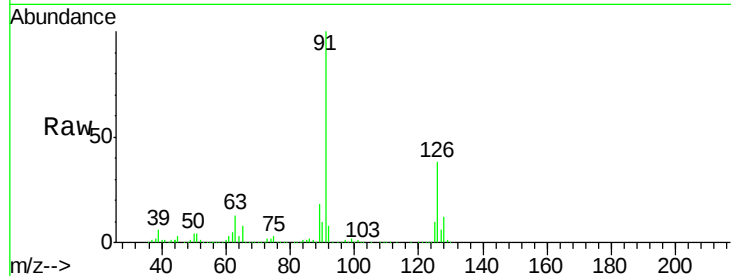
126 37.5 16.1 48.3

Manual Integrations

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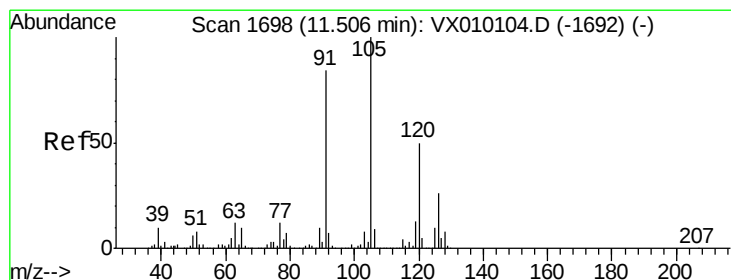
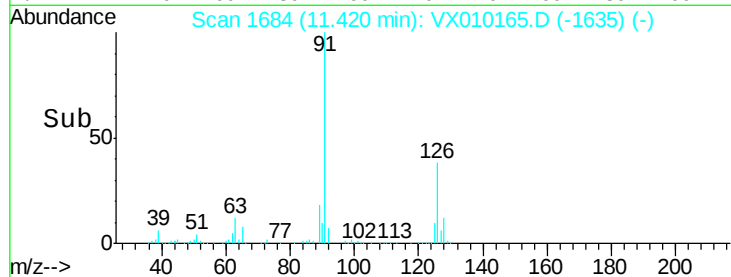
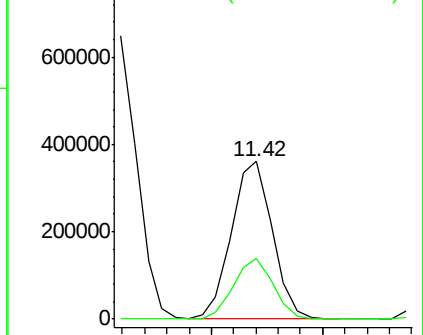
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Abundance Ion 91.00 (90.70 to 91.70): VX010104.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX010104.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 47.563 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010165.D

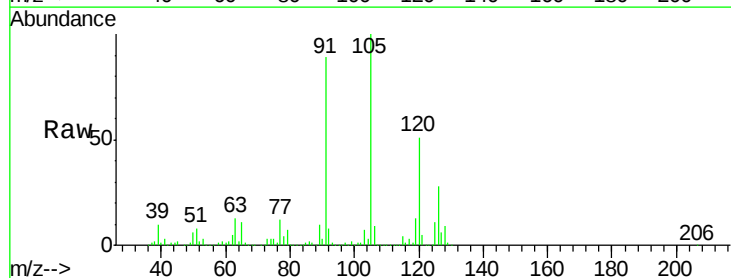
Acq: 10 Jun 2019 09:47

Tgt Ion: 105 Resp: 587155

Ion Ratio Lower Upper

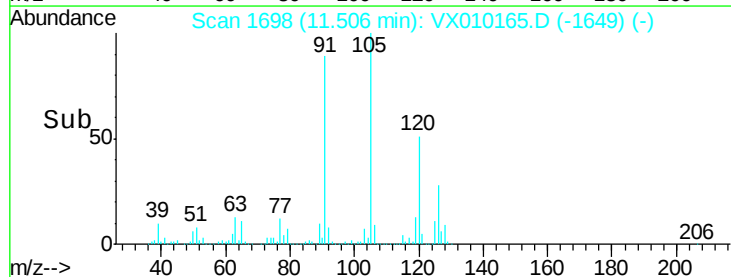
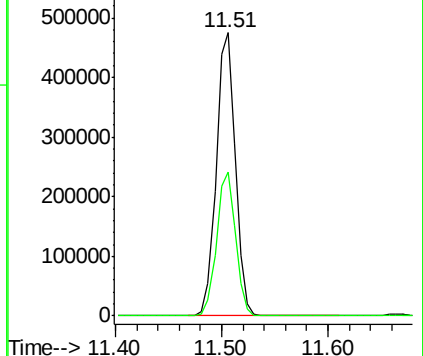
105 100

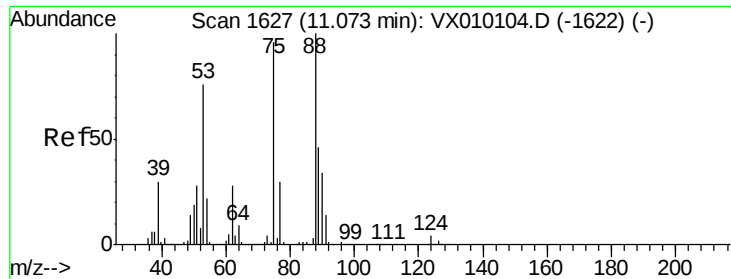
120 50.4 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX010104.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX010104.D (-1692) (-)





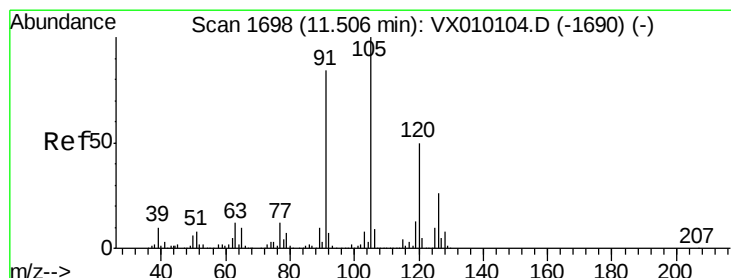
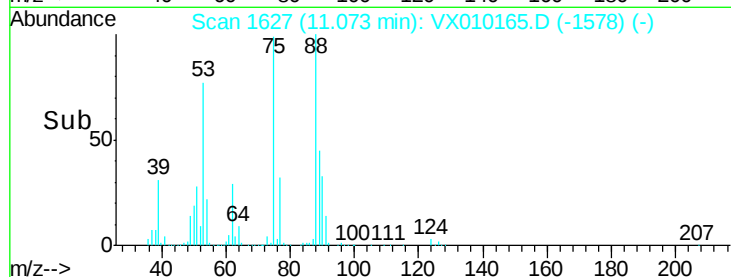
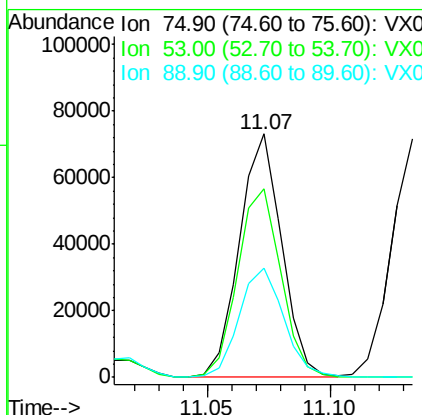
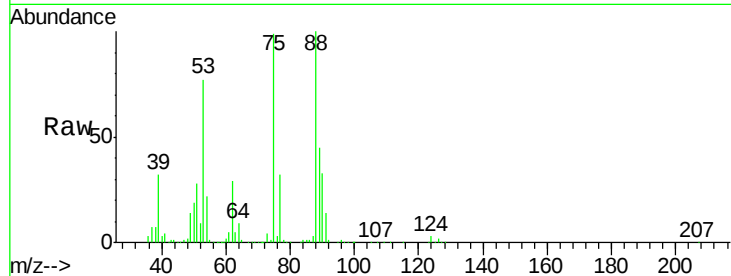
#81  
trans-1,4-Dichloro-2-butene  
Concen: 46.222 ug/l  
RT: 11.07 min Scan# 1627  
Delta R.T. -0.00 min  
Lab File: VX010165.D  
Acq: 10 Jun 2019 09:47

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 75      | 100   |       |        |
| 53      | 79.4  | 79.8  | 119.6# |
| 89      | 47.8  | 34.2  | 51.4   |

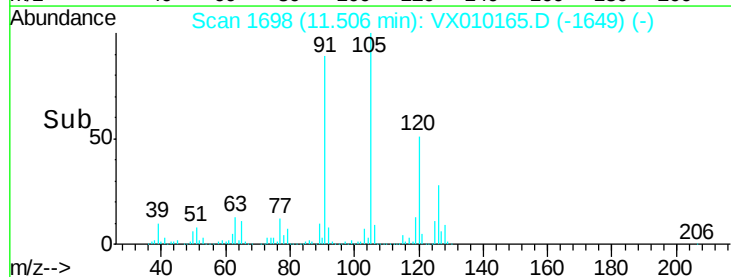
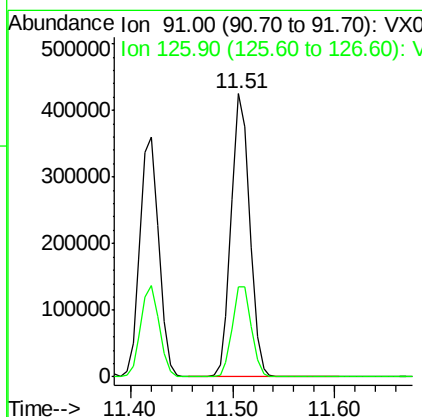
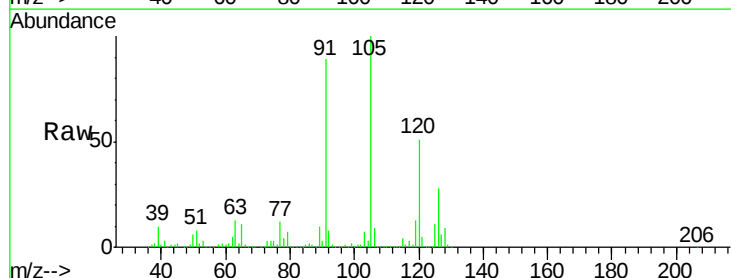
Manual Integrations  
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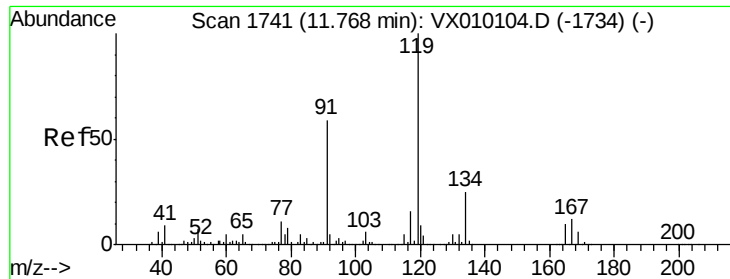
MMDadoda  
6/11/2019 11:54:23 AM



#82  
4-Chlorotoluene  
Concen: 47.779 ug/l  
RT: 11.51 min Scan# 1698  
Delta R.T. -0.00 min  
Lab File: VX010165.D  
Acq: 10 Jun 2019 09:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 32.8  | 14.2  | 42.6  |





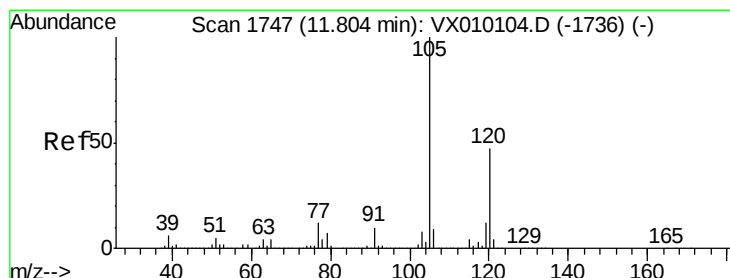
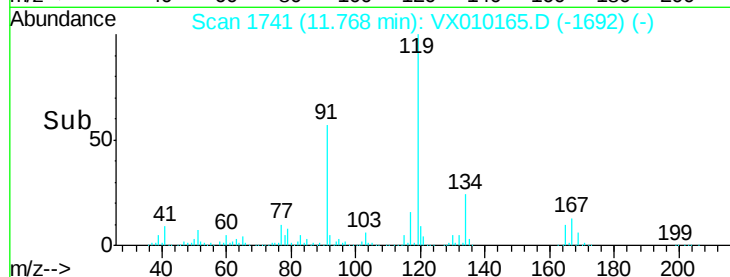
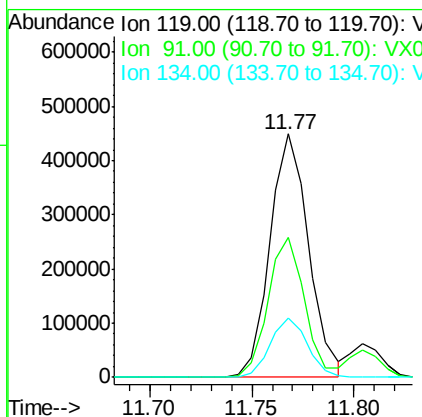
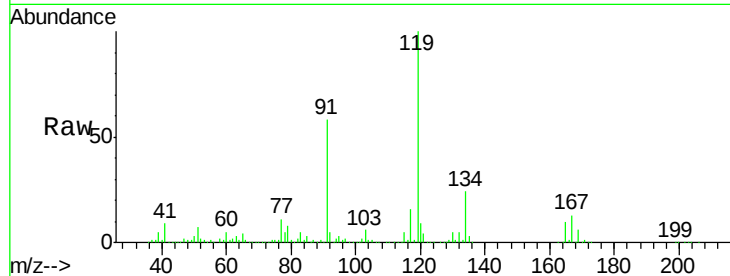
#83  
tert-Butylbenzene  
Concen: 47.642 ug/l  
RT: 11.77 min Scan# 1741  
Delta R.T. -0.00 min  
Lab File: VX010165.D  
Acq: 10 Jun 2019 09:47

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 595265 |       |       |
| 91      | 54.5  | 30.0   | 90.0  |       |
| 134     | 23.2  | 11.2   | 33.5  |       |

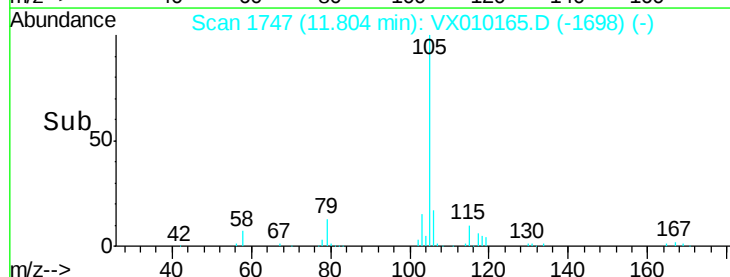
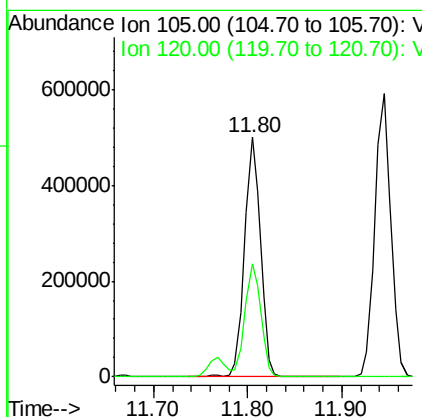
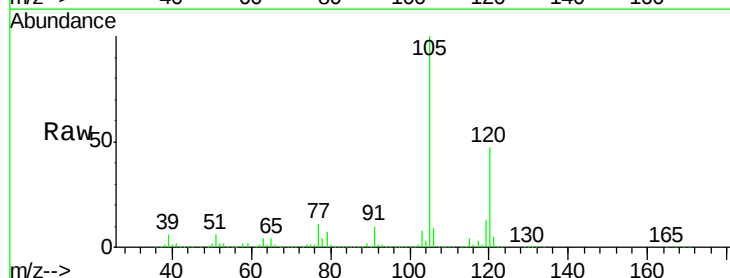
Manual Integrations  
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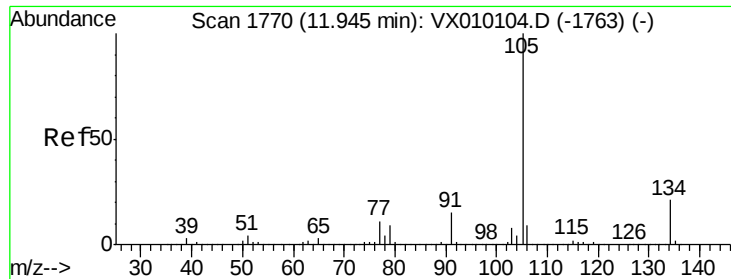
MMDadoda  
6/11/2019 11:54:23 AM



#84  
1,2,4-Trimethylbenzene  
Concen: 47.520 ug/l  
RT: 11.80 min Scan# 1747  
Delta R.T. -0.00 min  
Lab File: VX010165.D  
Acq: 10 Jun 2019 09:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 592537 |       |       |
| 120     | 47.2  | 22.1   | 66.1  |       |





#85

sec-Butylbenzene

Concen: 48.031 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 699169

Ion Ratio Lower Upper

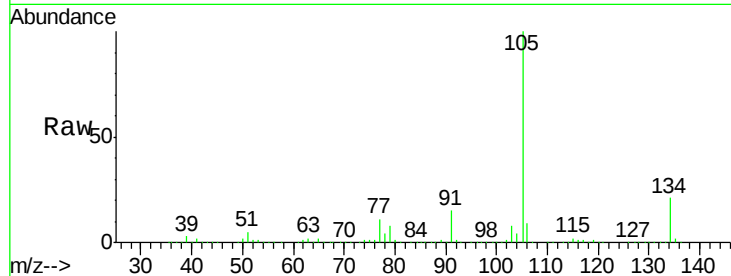
105 100

134 21.2 9.7 28.9

Manual Integrations  
APPROVED

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6/11/2019 11:54:23 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

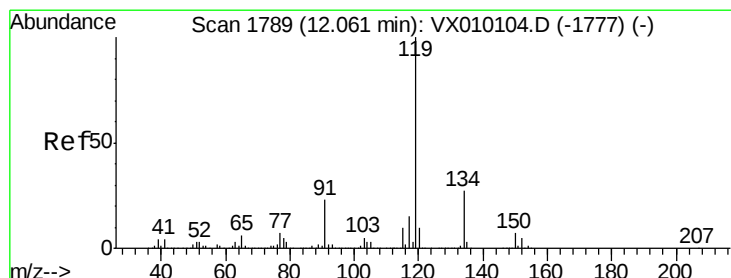
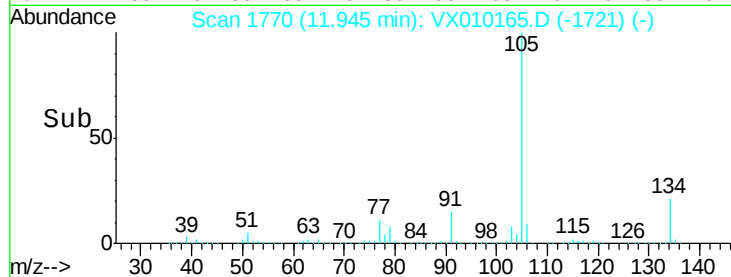
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 48.612 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

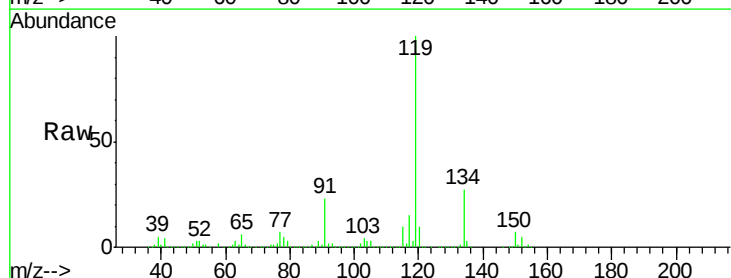
Tgt Ion:119 Resp: 646910

Ion Ratio Lower Upper

119 100

134 27.7 12.9 38.6

91 22.8 11.9 35.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

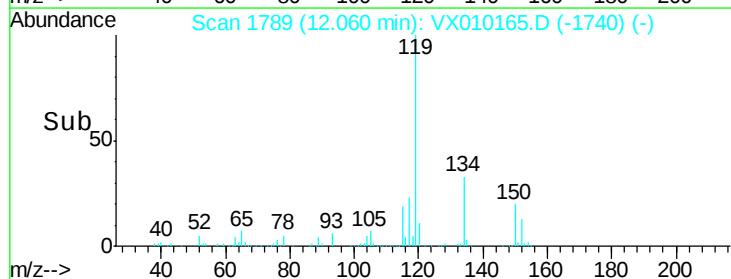
600000

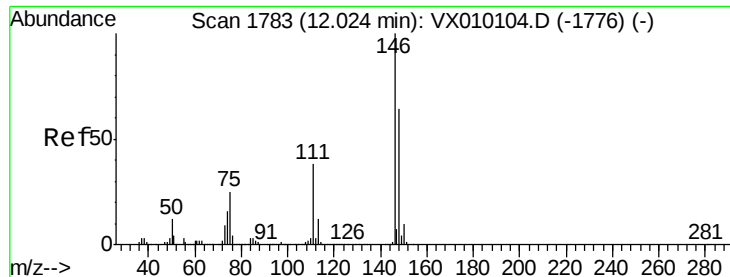
400000

200000

0

Time-->





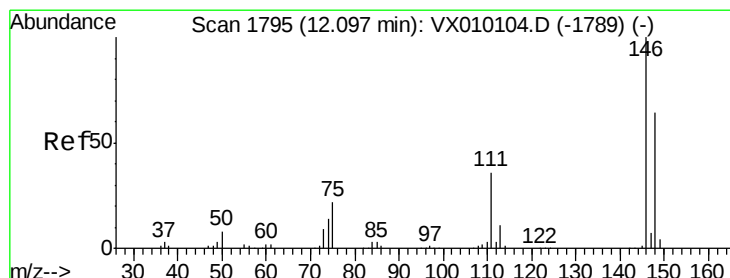
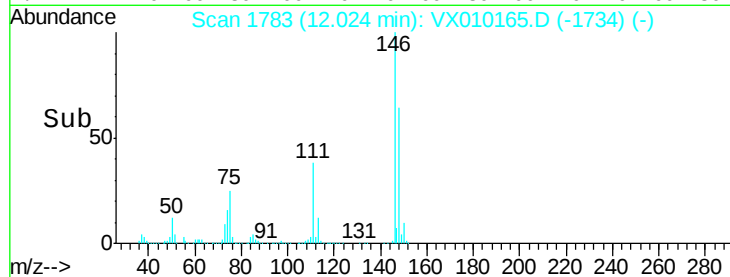
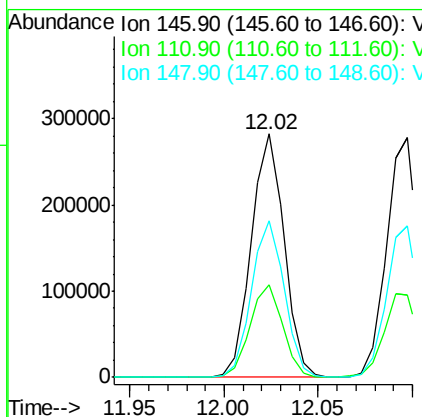
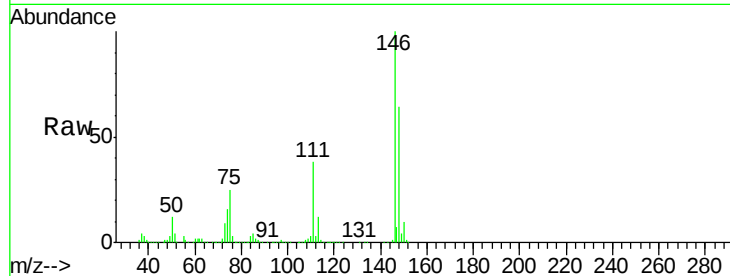
#87  
 1,3-Dichlorobenzene  
 Concen: 48.223 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. -0.00 min  
 Lab File: VX010165.D  
 Acq: 10 Jun 2019 09:47

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.7  | 20.1  | 60.2  |
| 148     | 64.0  | 31.9  | 95.5  |

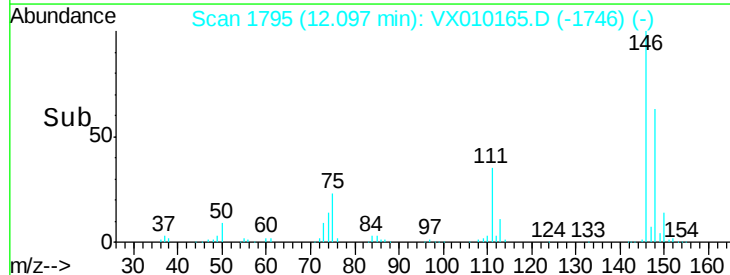
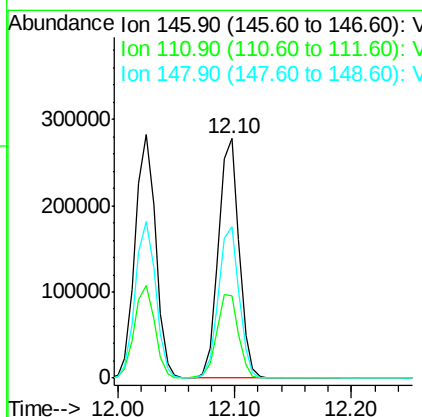
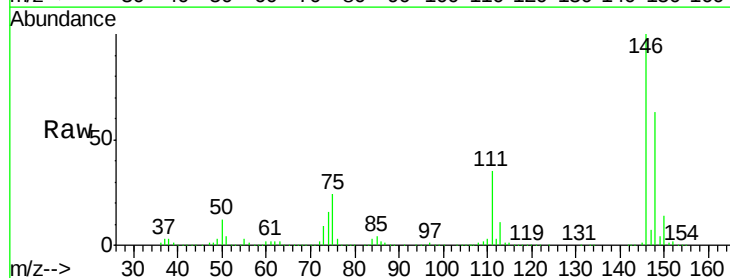
Manual Integrations  
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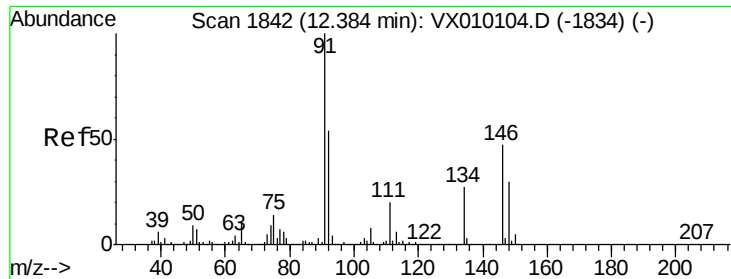
MMDadoda  
 6/11/2019 11:54:23 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 47.133 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. -0.00 min  
 Lab File: VX010165.D  
 Acq: 10 Jun 2019 09:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 36.7  | 20.0  | 59.9  |
| 148     | 64.0  | 32.3  | 96.9  |





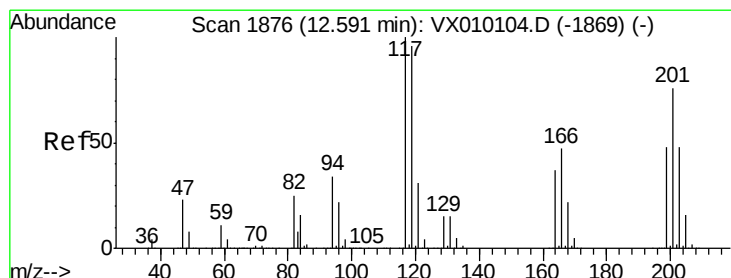
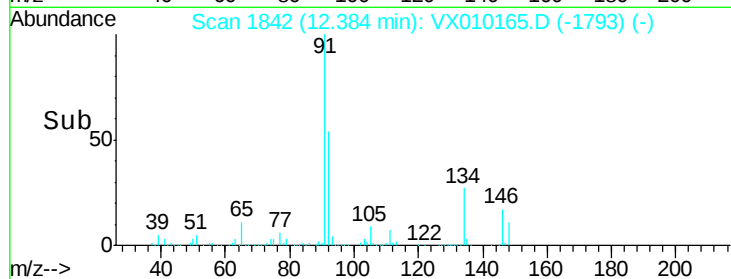
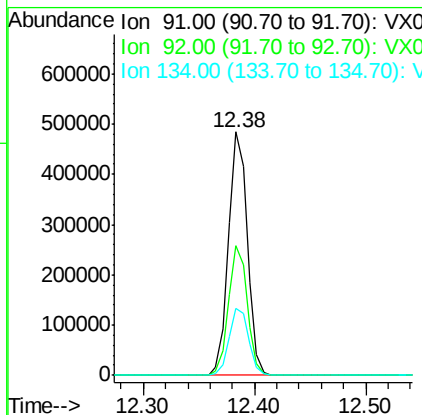
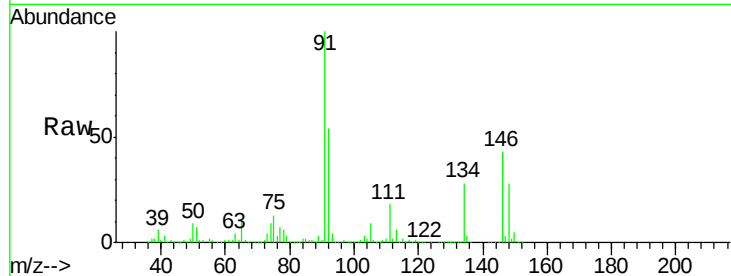
#89  
n-Butylbenzene  
Concen: 49.539 ug/l  
RT: 12.38 min Scan# 1842  
Delta R.T. -0.00 min  
Lab File: VX010165.D  
Acq: 10 Jun 2019 09:47

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 53.1  | 26.3  | 78.8  |
| 134     | 28.3  | 12.3  | 36.8  |

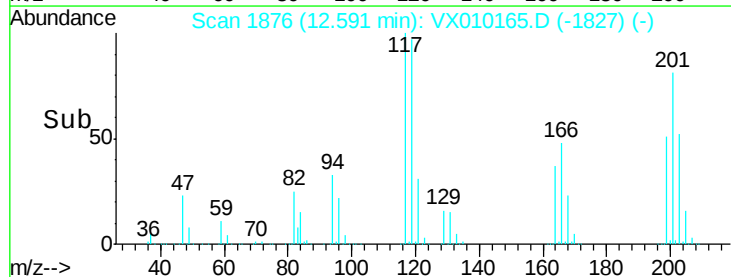
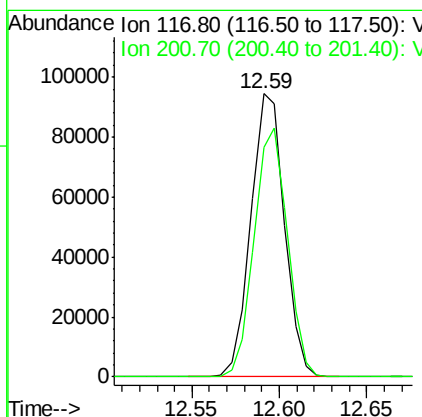
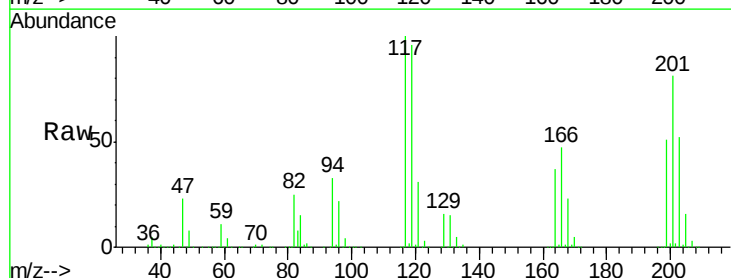
Manual Integrations  
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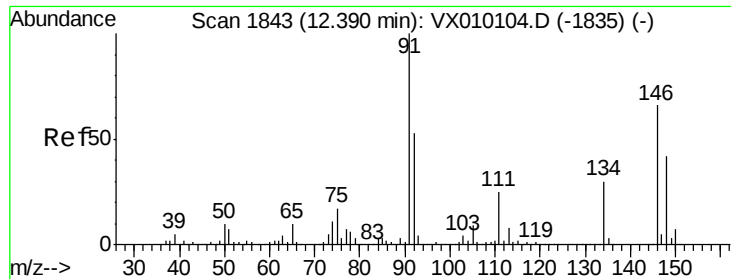
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#90  
Hexachloroethane  
Concen: 47.514 ug/l  
RT: 12.59 min Scan# 1876  
Delta R.T. -0.00 min  
Lab File: VX010165.D  
Acq: 10 Jun 2019 09:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 87.2  | 43.6  | 130.9 |





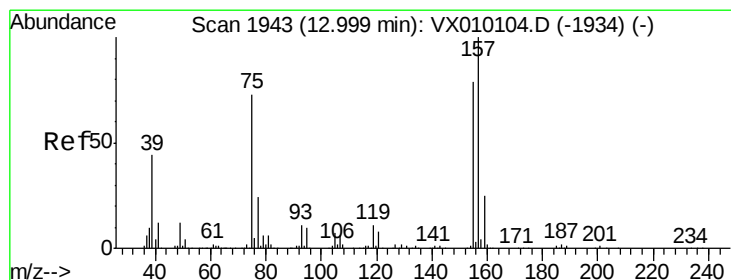
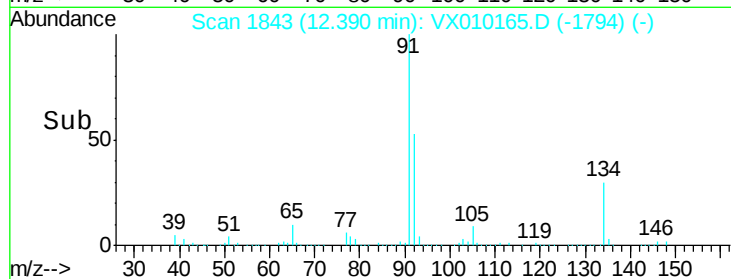
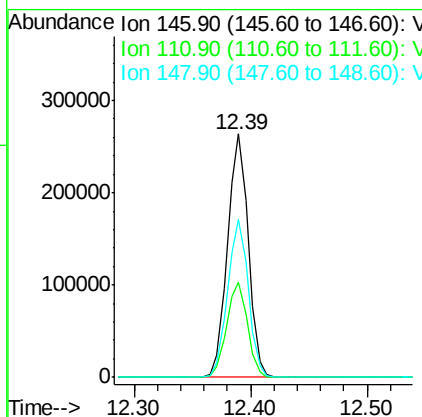
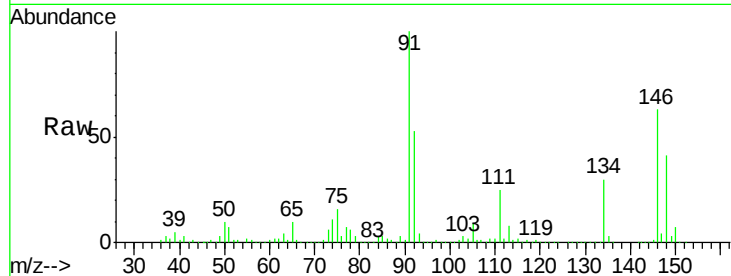
#91  
1,2-Dichlorobenzene  
Concen: 47.217 ug/l  
RT: 12.39 min Scan# 1843  
Delta R.T. -0.00 min  
Lab File: VX010165.D  
Acq: 10 Jun 2019 09:47

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 325881 |       |       |
| 111     | 39.1  | 21.1   | 63.1  |       |
| 148     | 64.8  | 32.3   | 96.8  |       |

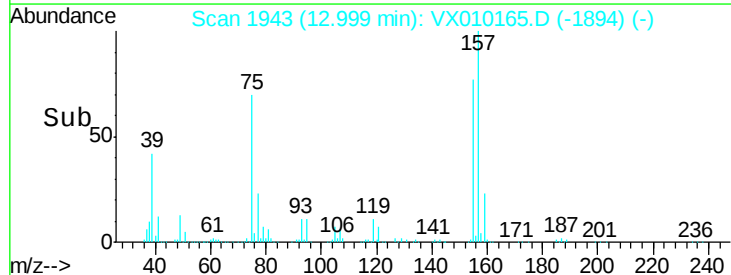
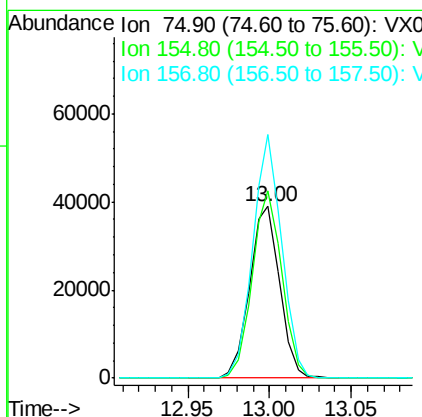
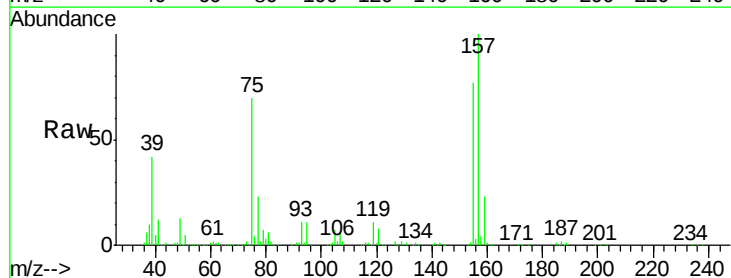
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#92  
1,2-Dibromo-3-Chloropropane  
Concen: 42.485 ug/l  
RT: 13.00 min Scan# 1943  
Delta R.T. -0.00 min  
Lab File: VX010165.D  
Acq: 10 Jun 2019 09:47

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 50158 |       |       |
| 155     | 107.0 | 39.3  | 117.8 |       |
| 157     | 136.4 | 50.6  | 151.8 |       |





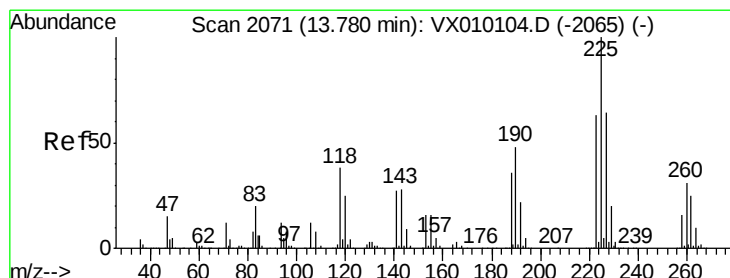
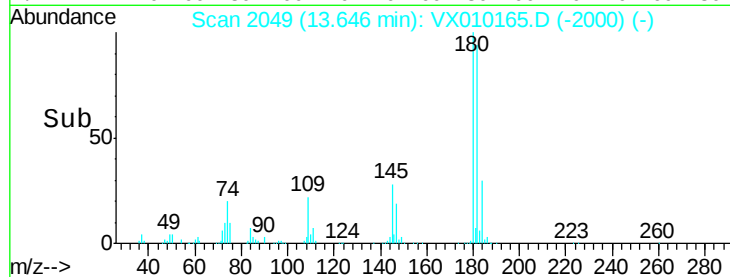
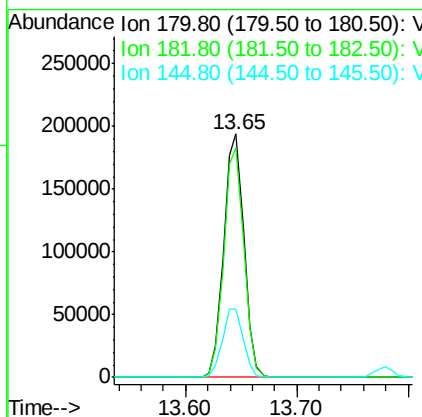
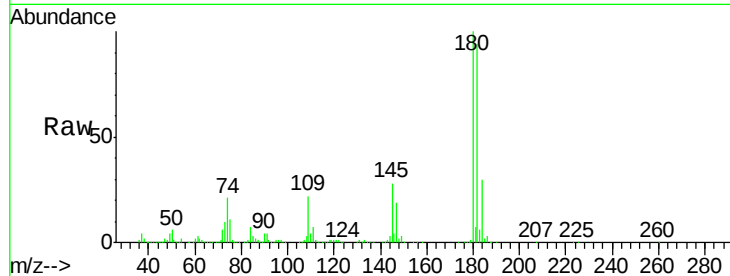
#93  
 1,2,4-Trichlorobenzene  
 Concen: 48.000 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. -0.00 min  
 Lab File: VX010165.D  
 Acq: 10 Jun 2019 09:47

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 242500 |       |       |
| 182     | 94.1  | 47.4   | 142.2 |       |
| 145     | 29.1  | 14.5   | 43.5  |       |

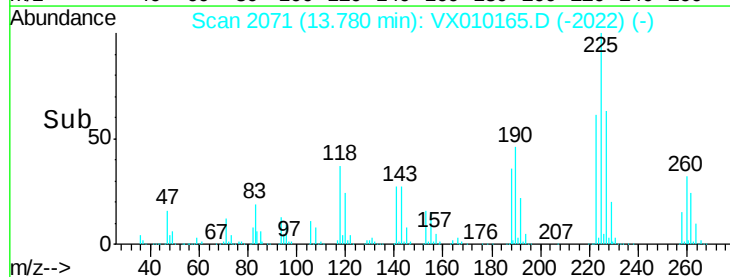
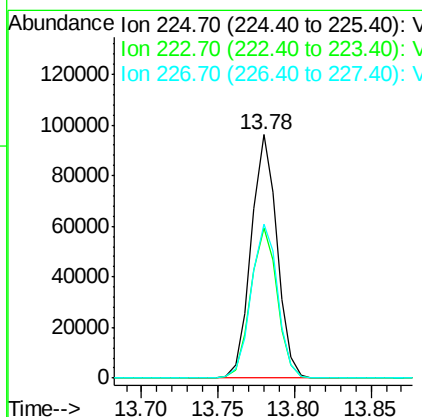
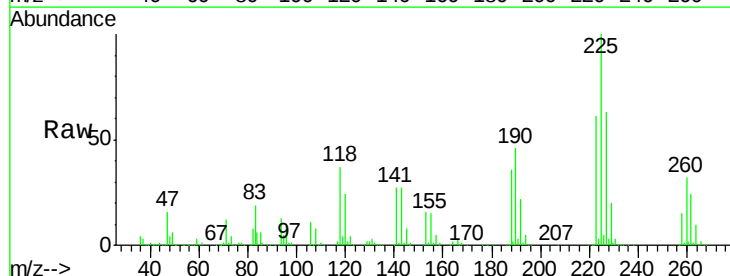
Manual Integrations  
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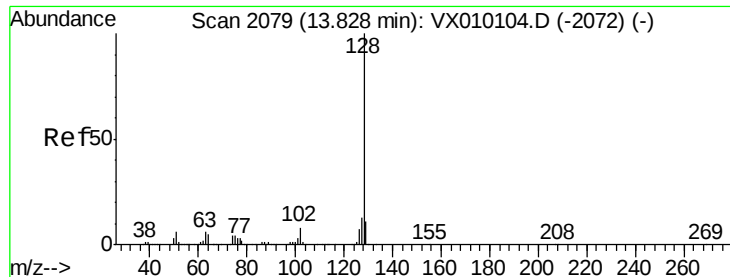
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#94  
 Hexachlorobutadiene  
 Concen: 50.424 ug/l  
 RT: 13.78 min Scan# 2071  
 Delta R.T. -0.00 min  
 Lab File: VX010165.D  
 Acq: 10 Jun 2019 09:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 113294 |       |       |
| 223     | 62.8  | 31.3   | 93.8  |       |
| 227     | 64.6  | 32.3   | 96.8  |       |





#95

Naphthalene

Concen: 46.060 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

Instrument :

MSVOA\_X

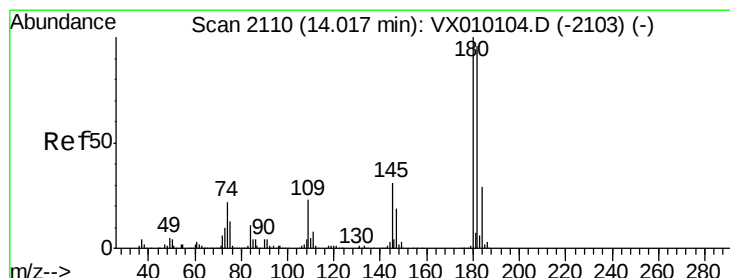
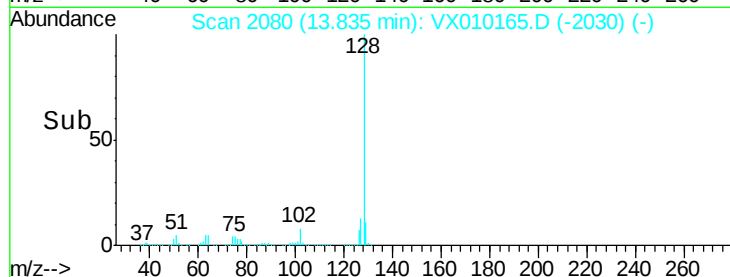
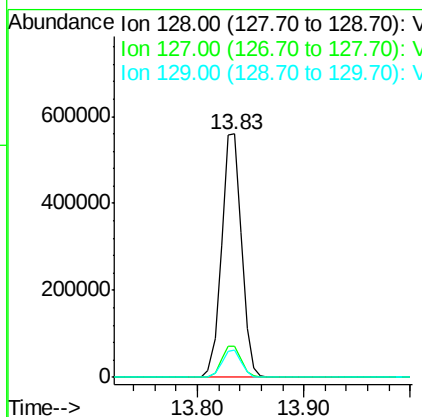
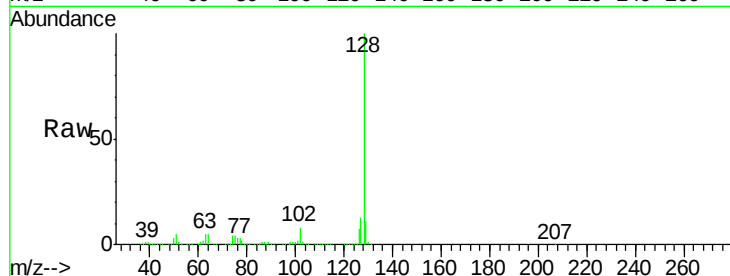
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 732524 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 12.9  | 10.6  | 16.0   |
| 129       | 10.9  | 8.8   | 13.2   |

Manual Integrations  
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#96

1,2,3-Trichlorobenzene

Concen: 47.985 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX010165.D

Acq: 10 Jun 2019 09:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 239698 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.7  | 47.3  | 142.0  |
| 145       | 30.8  | 15.6  | 46.7   |

