

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092420\  
 Data File : VX018561.D  
 Acq On : 24 Sep 2020 11:02  
 Operator : JC/SP  
 Sample : VX0924WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0924WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 9/28/2020 5:22:25 PM

Quant Time: Sep 25 01:39:58 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X091720W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 17 12:17:36 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.63  | 168  | 439914   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.83  | 114  | 664153   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 628281   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 337179   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.03   | 65  | 331776   | 53.31 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 106.62% |      |
| 35) Dibromofluoromethane  | 5.46   | 113 | 258675   | 56.34 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 112.68% |      |
| 50) Toluene-d8            | 8.70   | 98  | 907143   | 54.38 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 108.76% |      |
| 62) 4-Bromofluorobenzene  | 11.12  | 95  | 342707   | 51.65 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.30% |      |

## Target Compounds

|                               |      |     |         |        | Qvalue |     |
|-------------------------------|------|-----|---------|--------|--------|-----|
| 2) Dichlorodifluoromethane    | 1.18 | 85  | 88682   | 21.263 | ug/l   | 95  |
| 3) Chloromethane              | 1.31 | 50  | 91665   | 18.773 | ug/l   | 98  |
| 4) Vinyl Chloride             | 1.39 | 62  | 96366   | 18.642 | ug/l   | 99  |
| 5) Bromomethane               | 1.64 | 94  | 66713   | 21.027 | ug/l   | 98  |
| 6) Chloroethane               | 1.72 | 64  | 57217   | 19.340 | ug/l   | 94  |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 172678  | 21.989 | ug/l   | 93  |
| 8) Diethyl Ether              | 2.17 | 74  | 49550   | 17.984 | ug/l   | 98  |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 86970   | 20.576 | ug/l   | 97  |
| 10) Methyl Iodide             | 2.49 | 142 | 96313   | 21.520 | ug/l   | 96  |
| 11) Tert butyl alcohol        | 3.04 | 59  | 87989   | 81.259 | ug/l   | 95  |
| 12) 1,1-Dichloroethene        | 2.36 | 96  | 82778   | 19.430 | ug/l   | 90  |
| 13) Acrolein                  | 2.28 | 56  | 61272   | 89.366 | ug/l   | 98  |
| 14) Allyl chloride            | 2.71 | 41  | 147511  | 17.868 | ug/l   | 97  |
| 15) Acrylonitrile             | 3.12 | 53  | 223894  | 86.658 | ug/l   | 99  |
| 16) Acetone                   | 2.43 | 43  | 221512  | 93.072 | ug/l   | 98  |
| 17) Carbon Disulfide          | 2.55 | 76  | 236467  | 18.585 | ug/l   | 98  |
| 18) Methyl Acetate            | 2.75 | 43  | 109628  | 18.591 | ug/l   | 98  |
| 19) Methyl tert-butyl Ether   | 3.17 | 73  | 292456  | 19.555 | ug/l   | 99  |
| 20) Methylene Chloride        | 2.84 | 84  | 95710   | 18.226 | ug/l   | 98  |
| 21) trans-1,2-Dichloroethene  | 3.14 | 96  | 92836   | 18.750 | ug/l   | 98  |
| 22) Diisopropyl ether         | 3.82 | 45  | 299710  | 19.313 | ug/l   | 88  |
| 23) Vinyl Acetate             | 3.78 | 43  | 1285259 | 93.467 | ug/l   | 100 |
| 24) 1,1-Dichloroethane        | 3.67 | 63  | 170554  | 19.057 | ug/l   | 98  |
| 25) 2-Butanone                | 4.64 | 43  | 323608  | 87.313 | ug/l   | 97  |
| 26) 2,2-Dichloropropane       | 4.55 | 77  | 163367  | 19.757 | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene    | 4.57 | 96  | 102547  | 18.478 | ug/l   | 99  |
| 28) Bromochloromethane        | 4.97 | 49  | 75798   | 18.099 | ug/l   | 96  |
| 29) Tetrahydrofuran           | 5.09 | 42  | 200224  | 85.711 | ug/l   | 98  |
| 30) Chloroform                | 5.17 | 83  | 183542  | 20.213 | ug/l   | 98  |
| 31) Cyclohexane               | 5.55 | 56  | 139226  | 18.487 | ug/l   | 99  |
| 32) 1,1,1-Trichloroethane     | 5.46 | 97  | 172672  | 20.270 | ug/l   | 99  |
| 36) 1,1-Dichloropropene       | 5.77 | 75  | 129931  | 20.156 | ug/l   | 98  |
| 37) Ethyl Acetate             | 4.79 | 43  | 130743  | 18.993 | ug/l   | 99  |
| 38) Carbon Tetrachloride      | 5.76 | 117 | 158377  | 22.184 | ug/l   | 96  |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092420\  
 Data File : VX018561.D  
 Acq On : 24 Sep 2020 11:02  
 Operator : JC/SP  
 Sample : VX0924WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0924WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 9/28/2020 5:22:25 PM

Quant Time: Sep 25 01:39:58 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X091720W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 17 12:17:36 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 39) Methylcyclohexane          | 7.44  | 83   | 141253   | 19.504  | ug/l  | 96       |
| 40) Benzene                    | 6.11  | 78   | 377078   | 20.411  | ug/l  | 99       |
| 41) Methacrylonitrile          | 5.00  | 41   | 68405    | 17.884  | ug/l  | 98       |
| 42) 1,2-Dichloroethane         | 6.16  | 62   | 154948   | 21.559  | ug/l  | 99       |
| 43) Isopropyl Acetate          | 6.41  | 43   | 210592   | 18.436  | ug/l  | 100      |
| 44) Trichloroethene            | 7.19  | 130  | 108727   | 20.330  | ug/l  | 99       |
| 45) 1,2-Dichloropropane        | 7.49  | 63   | 99208    | 19.565  | ug/l  | 99       |
| 46) Dibromomethane             | 7.64  | 93   | 68534    | 19.673  | ug/l  | 95       |
| 47) Bromodichloromethane       | 7.87  | 83   | 150683   | 21.462  | ug/l  | 98       |
| 48) Methyl methacrylate        | 7.74  | 41   | 98638    | 17.741  | ug/l  | 95       |
| 49) 1,4-Dioxane                | 7.76  | 88   | 31828    | 346.444 | ug/l  | 99       |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 657766   | 96.709  | ug/l  | 98       |
| 52) Toluene                    | 8.76  | 92   | 239483   | 20.600  | ug/l  | 99       |
| 53) t-1,3-Dichloropropene      | 9.02  | 75   | 160984   | 20.179  | ug/l  | 99       |
| 54) cis-1,3-Dichloropropene    | 8.42  | 75   | 169485   | 20.622  | ug/l  | 96       |
| 55) 1,1,2-Trichloroethane      | 9.20  | 97   | 99728    | 20.674  | ug/l  | 95       |
| 56) Ethyl methacrylate         | 9.16  | 69   | 136231   | 19.046  | ug/l  | 98       |
| 57) 1,3-Dichloropropane        | 9.35  | 76   | 159364   | 19.663  | ug/l  | 97       |
| 58) 2-Chloroethyl Vinyl ether  | 8.29  | 63   | 362496   | 95.322  | ug/l  | 98       |
| 59) 2-Hexanone                 | 9.47  | 43   | 490783   | 94.869  | ug/l  | 99       |
| 60) Dibromochloromethane       | 9.56  | 129  | 123655   | 21.498  | ug/l  | 99       |
| 61) 1,2-Dibromoethane          | 9.65  | 107  | 104064   | 20.275  | ug/l  | 98       |
| 64) Tetrachloroethene          | 9.32  | 164  | 111305   | 22.502  | ug/l  | 96       |
| 65) Chlorobenzene              | 10.12 | 112  | 261640   | 20.224  | ug/l  | 97       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.20 | 131  | 105761   | 20.378  | ug/l  | 99       |
| 67) Ethyl Benzene              | 10.23 | 91   | 452935   | 20.227  | ug/l  | 99       |
| 68) m/p-Xylenes                | 10.34 | 106  | 347802   | 41.059  | ug/l  | 99       |
| 69) o-Xylene                   | 10.68 | 106  | 162110   | 20.210  | ug/l  | 99       |
| 70) Styrene                    | 10.70 | 104  | 276666   | 19.976  | ug/l  | 97       |
| 71) Bromoform                  | 10.84 | 173  | 85988    | 19.733  | ug/l  | 99       |
| 73) Isopropylbenzene           | 11.00 | 105  | 456004   | 20.244  | ug/l  | 100      |
| 74) N-amyl acetate             | 10.88 | 43   | 174601   | 17.218  | ug/l  | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.25 | 83   | 137830   | 18.487  | ug/l  | 96       |
| 76) 1,2,3-Trichloropropane     | 11.28 | 75   | 131952m  | 18.623  | ug/l  |          |
| 77) Bromobenzene               | 11.24 | 156  | 116303   | 18.713  | ug/l  | 99       |
| 78) n-propylbenzene            | 11.34 | 91   | 523461   | 19.854  | ug/l  | 100      |
| 79) 2-Chlorotoluene            | 11.40 | 91   | 308402   | 19.324  | ug/l  | 98       |
| 80) 1,3,5-Trimethylbenzene     | 11.49 | 105  | 387122   | 20.096  | ug/l  | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.06 | 75   | 48159    | 17.417  | ug/l  | 95       |
| 82) 4-Chlorotoluene            | 11.49 | 91   | 377492   | 19.898  | ug/l  | 99       |
| 83) tert-Butylbenzene          | 11.76 | 119  | 365569   | 19.546  | ug/l  | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 392217   | 20.217  | ug/l  | 97       |
| 85) sec-Butylbenzene           | 11.93 | 105  | 434510   | 19.689  | ug/l  | 99       |
| 86) p-Isopropyltoluene         | 12.05 | 119  | 409814   | 20.206  | ug/l  | 99       |
| 87) 1,3-Dichlorobenzene        | 12.01 | 146  | 216586   | 19.382  | ug/l  | 99       |
| 88) 1,4-Dichlorobenzene        | 12.08 | 146  | 215421   | 19.013  | ug/l  | 98       |
| 89) n-Butylbenzene             | 12.37 | 91   | 357250   | 19.027  | ug/l  | 98       |
| 90) Hexachloroethane           | 12.58 | 117  | 76602    | 18.918  | ug/l  | 94       |
| 91) 1,2-Dichlorobenzene        | 12.38 | 146  | 208110   | 19.898  | ug/l  | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75   | 32997    | 18.231  | ug/l  | 98       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092420\  
Data File : VX018561.D  
Acq On : 24 Sep 2020 11:02  
Operator : JC/SP  
Sample : VX0924WBS01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0924WBS01

Manual Integrations  
APPROVED

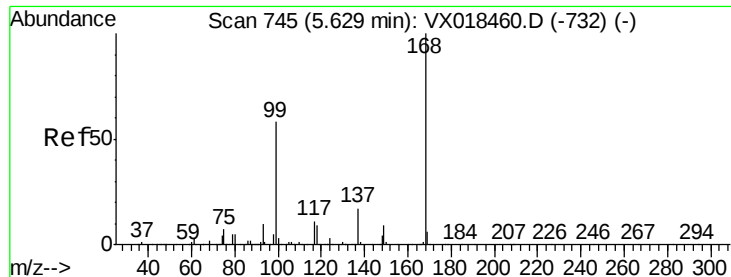
MMDadoda  
9/28/2020 5:22:25 PM

Quant Time: Sep 25 01:39:58 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X091720W.M  
Quant Title : SW846 8260  
QLast Update : Thu Sep 17 12:17:36 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.63 | 180  | 133575   | 18.350 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 13.77 | 225  | 65238    | 21.357 | ug/l  | 99       |
| 95) Naphthalene            | 13.82 | 128  | 395247   | 17.979 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.00 | 180  | 128320   | 18.446 | ug/l  | 97       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018561.D

Acq: 24 Sep 2020 11:02

Instrument :

MSVOA\_X

ClientSampleId :

VX0924WBS01

Tot Ion:168 Resp: 439914

Ion Ratio Lower Upper

168 100

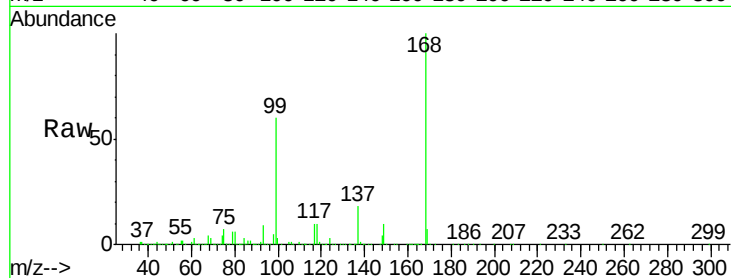
99 60.3 46.5 69.7

Manual Integrations

APPROVED

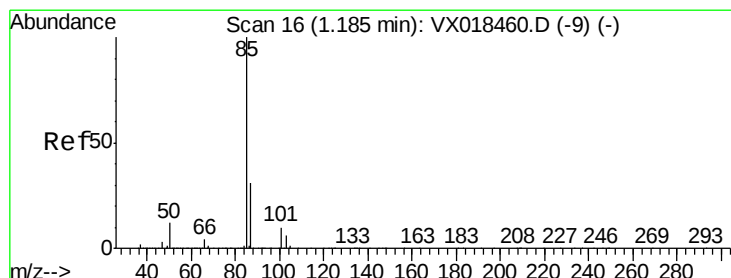
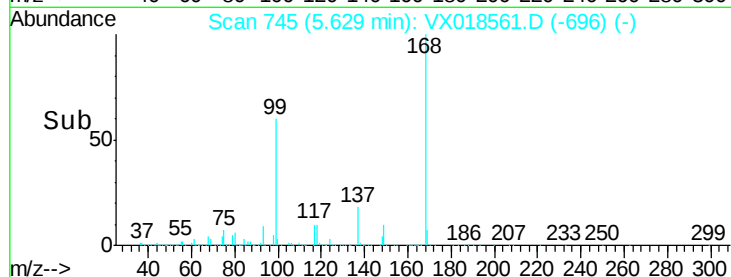
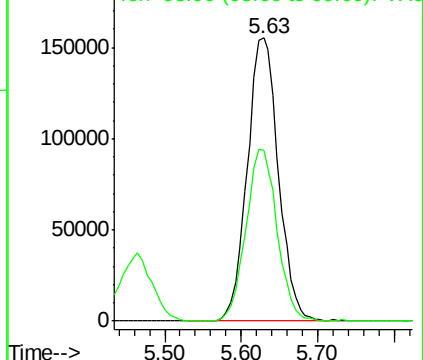
MMDadoda

9/28/2020 5:22:25 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 21.263 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018561.D

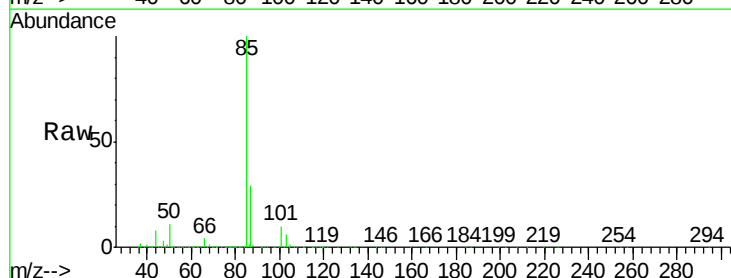
Acq: 24 Sep 2020 11:02

Tgt Ion: 85 Resp: 88682

Ion Ratio Lower Upper

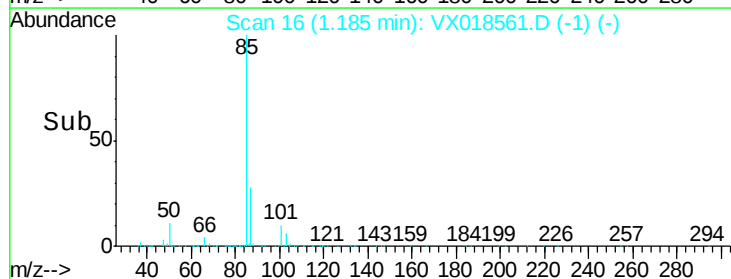
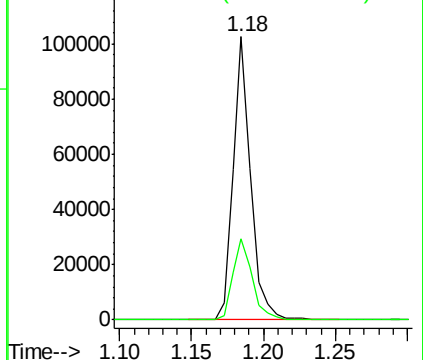
85 100

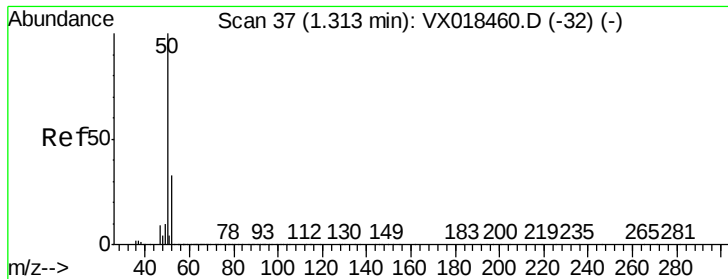
87 28.6 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.773 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018561.D

Acq: 24 Sep 2020 11:02

Instrument :

MSVOA\_X

ClientSampleId :

VX0924WBS01

Tot Ion: 50 Resp: 91665

Ion Ratio Lower Upper

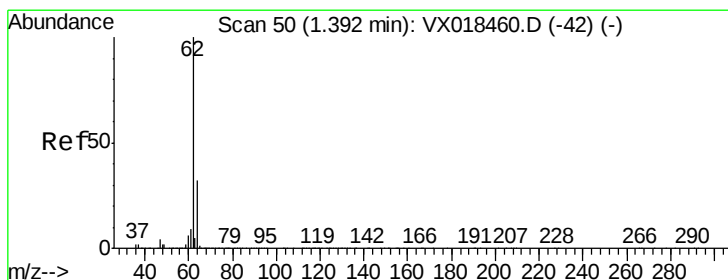
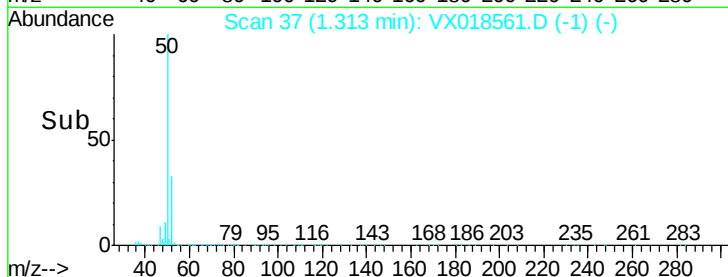
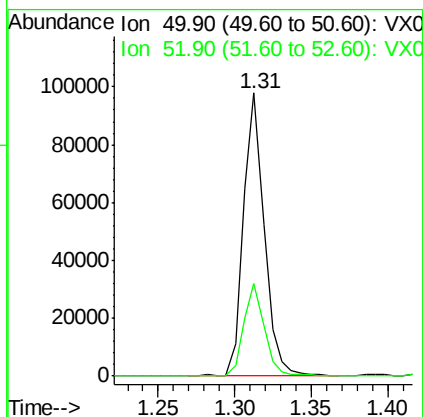
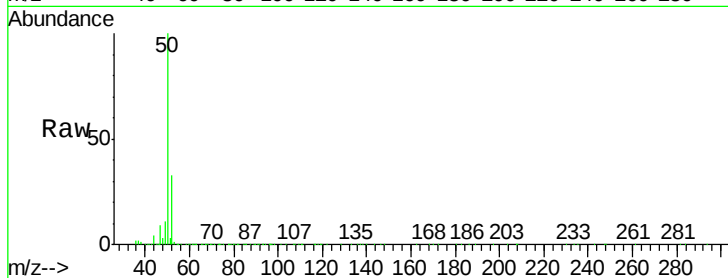
50 100

52 32.4 26.6 40.0

Manual Integrations  
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9/28/2020 5:22:25 PM



#4

Vinyl Chloride

Concen: 18.642 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018561.D

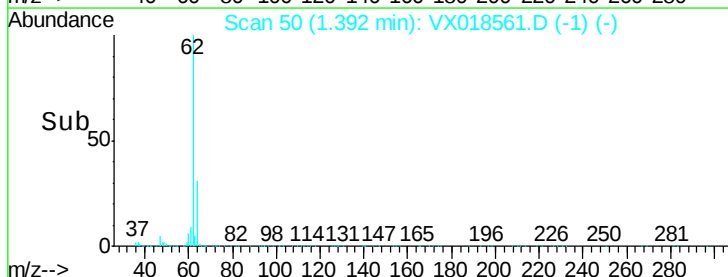
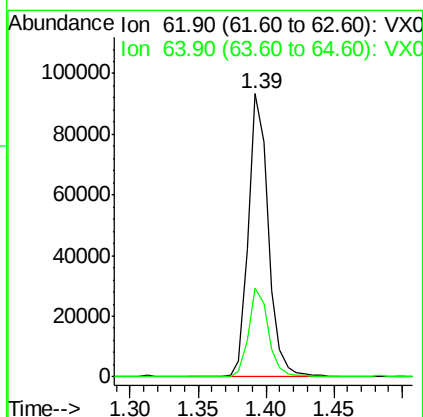
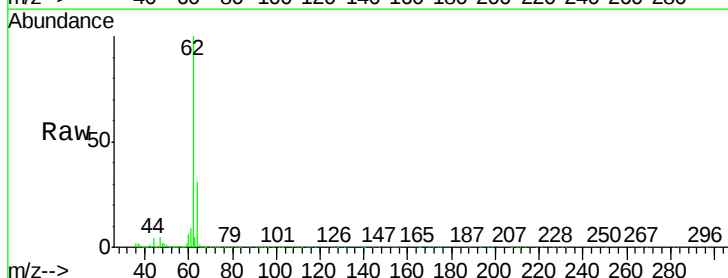
Acq: 24 Sep 2020 11:02

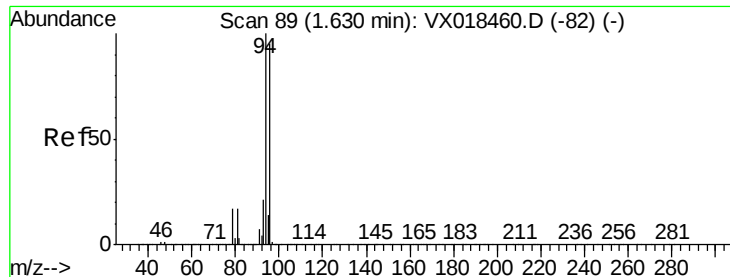
Tgt Ion: 62 Resp: 96366

Ion Ratio Lower Upper

62 100

64 31.3 25.7 38.5





#5

Bromomethane

Concen: 21.027 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.01 min

Lab File: VX018561.D

Acq: 24 Sep 2020 11:02

Instrument :

MSVOA\_X

ClientSampleId :

VX0924WBS01

Tot Ion: 94 Resp: 66713

Ion Ratio Lower Upper

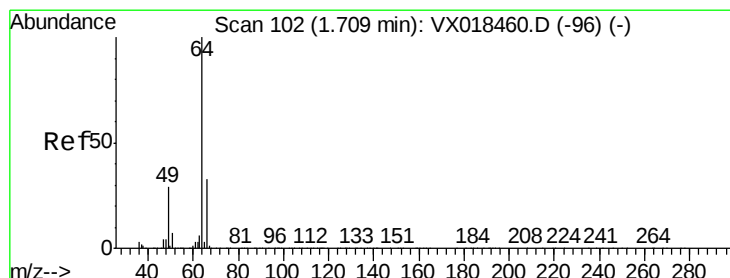
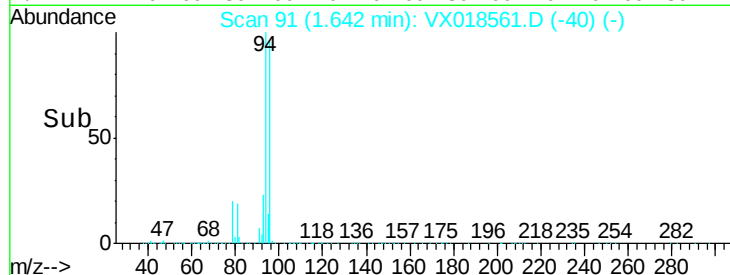
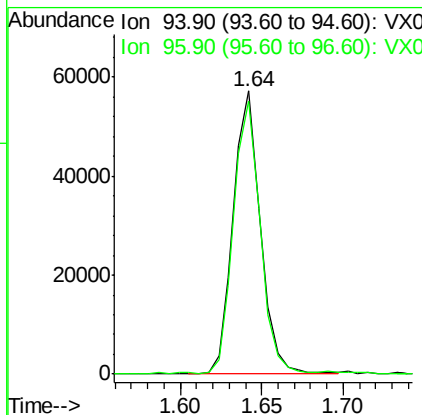
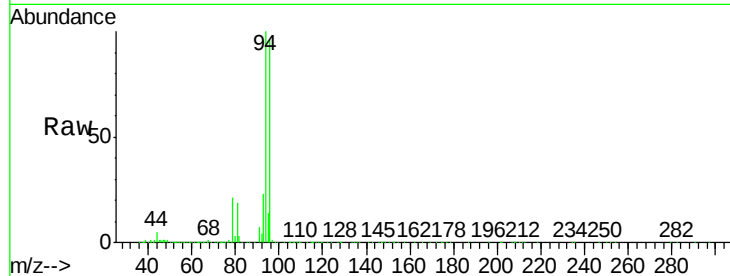
94 100

96 96.0 75.5 113.3

Manual Integrations  
APPROVED

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9/28/2020 5:22:25 PM



#6

Chloroethane

Concen: 19.340 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018561.D

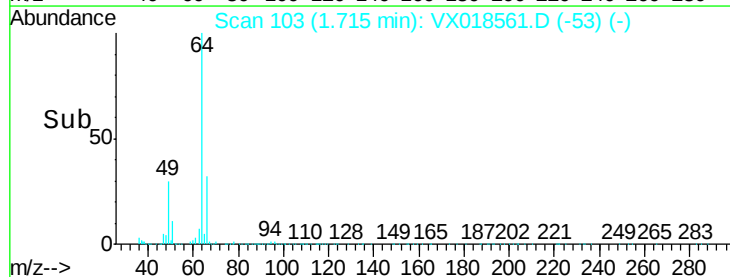
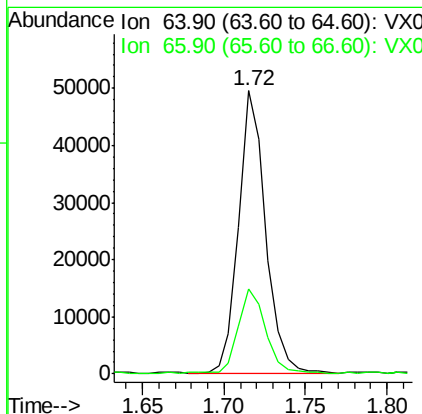
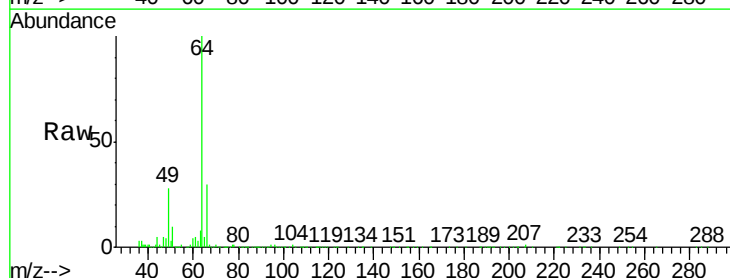
Acq: 24 Sep 2020 11:02

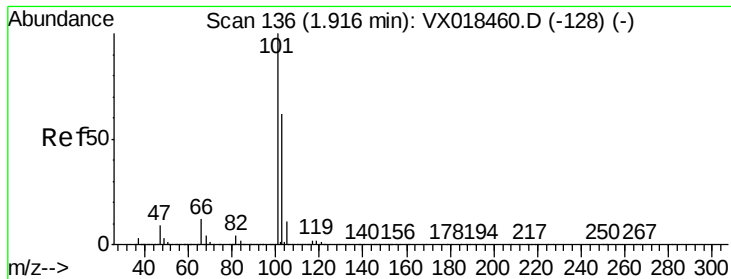
Tgt Ion: 64 Resp: 57217

Ion Ratio Lower Upper

64 100

66 29.6 26.2 39.4





#7

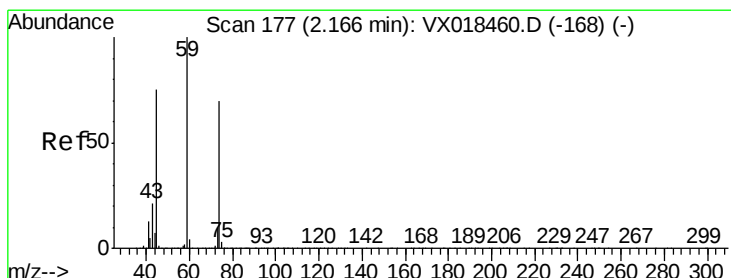
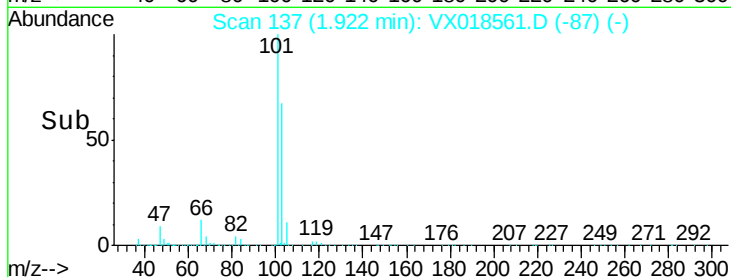
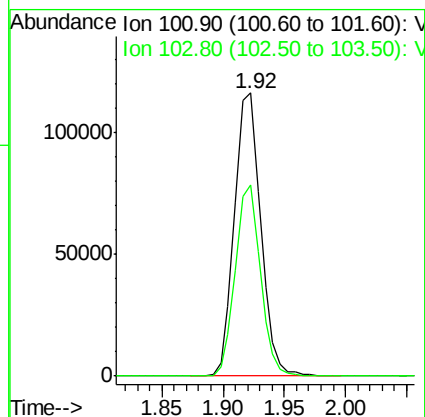
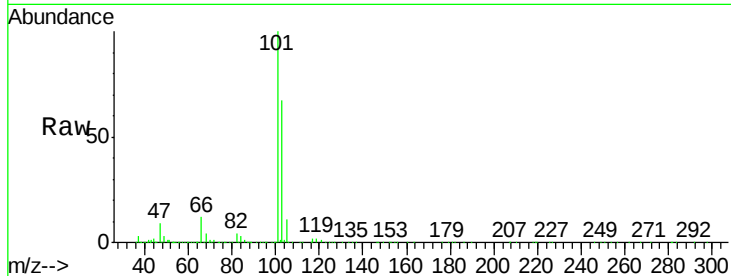
Trichlorofluoromethane  
Concen: 21.989 ug/l  
RT: 1.92 min Scan# 137  
Delta R.T. 0.01 min  
Lab File: VX018561.D  
Acq: 24 Sep 2020 11:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0924WBS01

Tot Ion:101 Resp: 172678  
Ion Ratio Lower Upper  
101 100  
103 67.4 49.6 74.4

Manual Integrations  
APPROVED

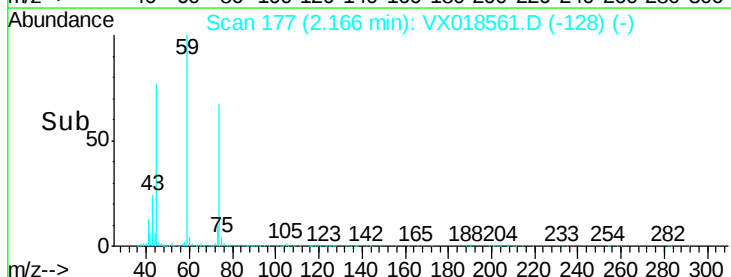
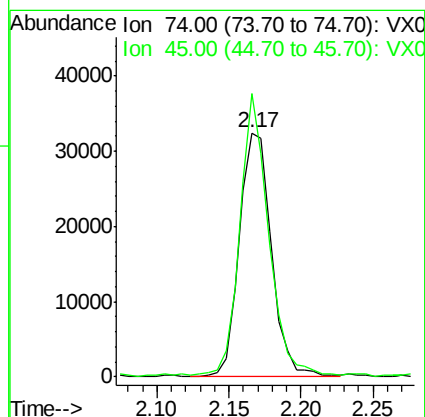
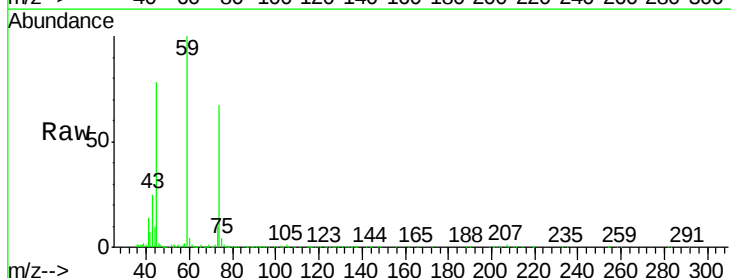
MMDadoda  
9/28/2020 5:22:25 PM

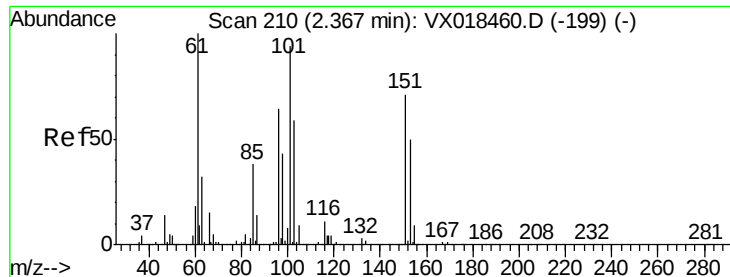


#8

Diethyl Ether  
Concen: 17.984 ug/l  
RT: 2.17 min Scan# 177  
Delta R.T. -0.00 min  
Lab File: VX018561.D  
Acq: 24 Sep 2020 11:02

Tgt Ion: 74 Resp: 49550  
Ion Ratio Lower Upper  
74 100  
45 103.9 50.7 152.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.576 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX018561.D

Acq: 24 Sep 2020 11:02

Instrument :

MSVOA\_X

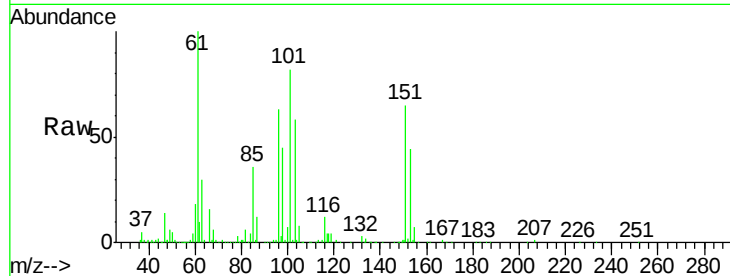
ClientSampleId :

VX0924WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 86970 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 45.6  | 34.7  | 52.1  |
| 151       | 83.3  | 64.9  | 97.3  |

Manual Integrations  
APPROVED

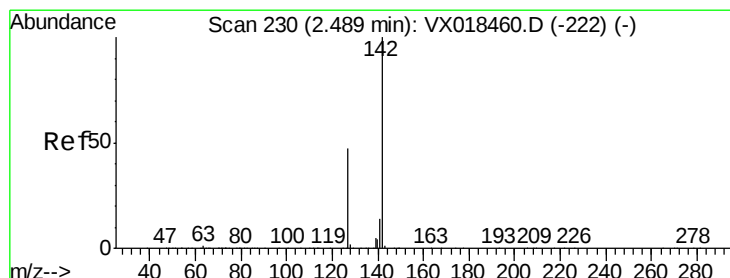
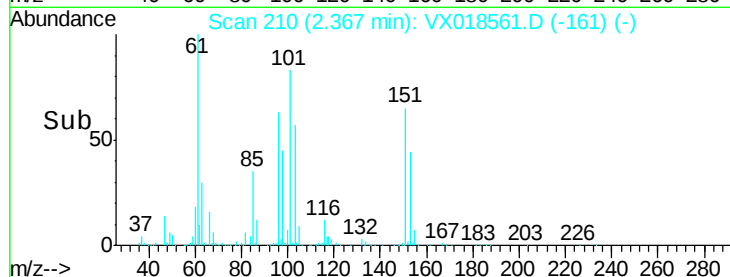
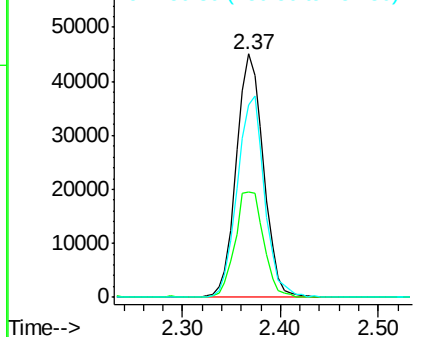
MMDadoda  
9/28/2020 5:22:25 PM



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.520 ug/l

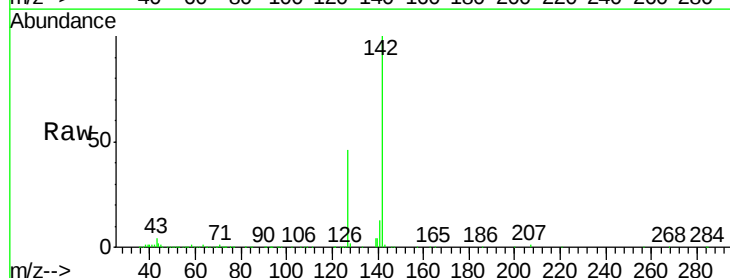
RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018561.D

Acq: 24 Sep 2020 11:02

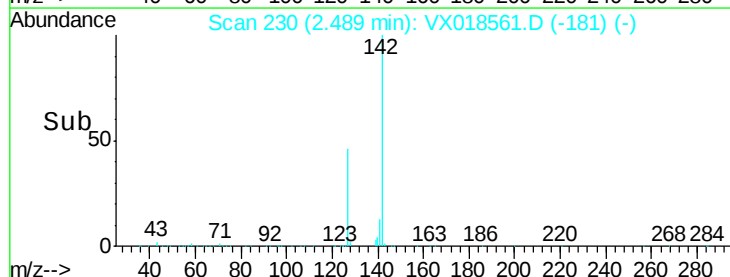
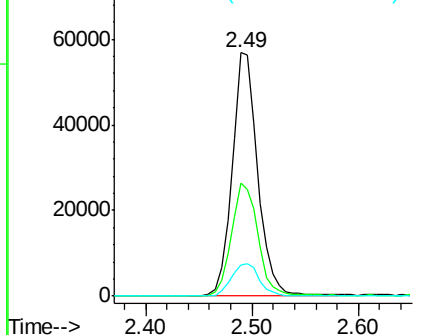
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 96313 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 48.5  | 36.0  | 54.0  |
| 141       | 14.6  | 11.9  | 17.9  |

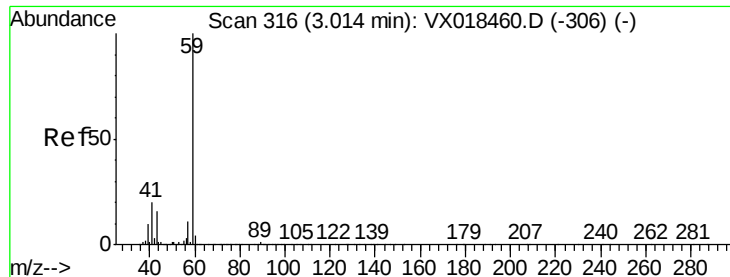


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

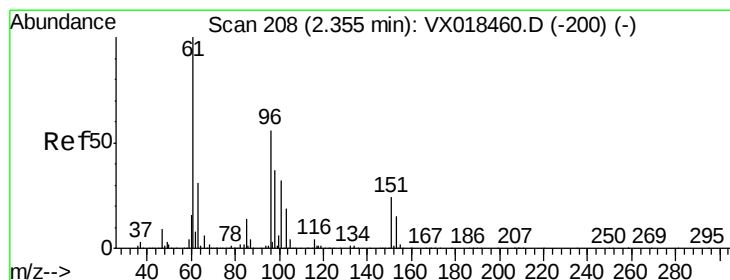
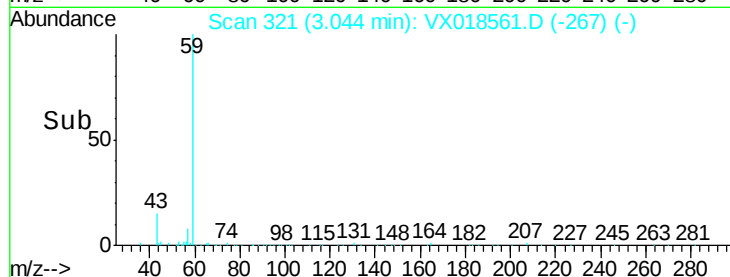
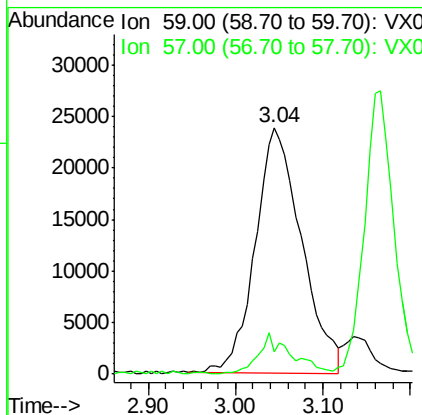
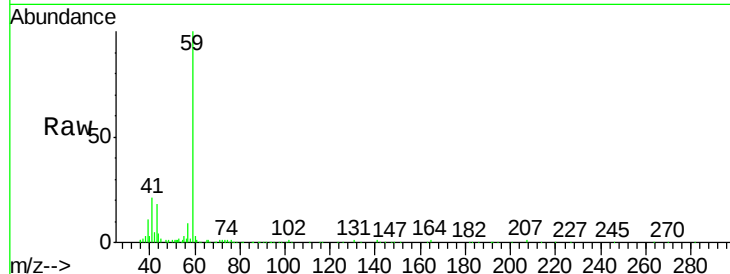
Tert butyl alcohol  
Concen: 81.259 ug/l  
RT: 3.04 min Scan# 321  
Delta R.T. 0.03 min  
Lab File: VX018561.D  
Acq: 24 Sep 2020 11:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0924WBS01

| Tot Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 59      | 59  | 100   |       |       |
| 57      | 57  | 12.0  | 8.2   | 12.4  |

Manual Integrations  
APPROVED

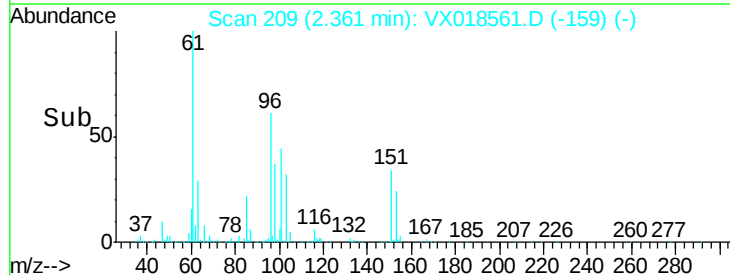
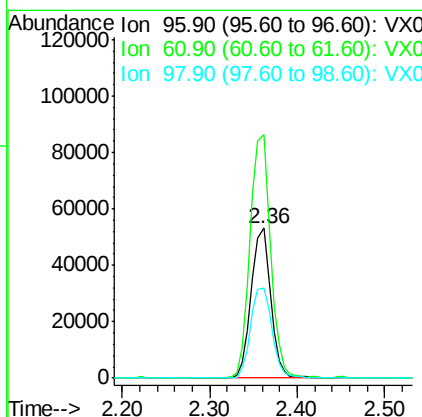
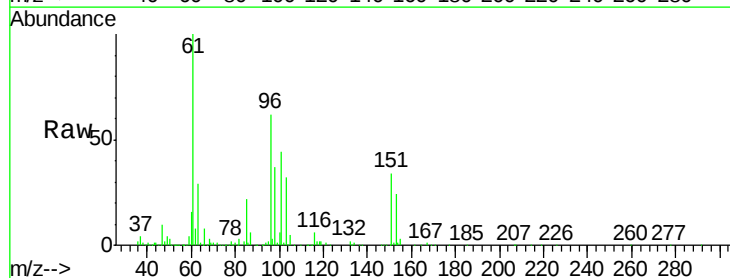
MMDadoda  
9/28/2020 5:22:25 PM

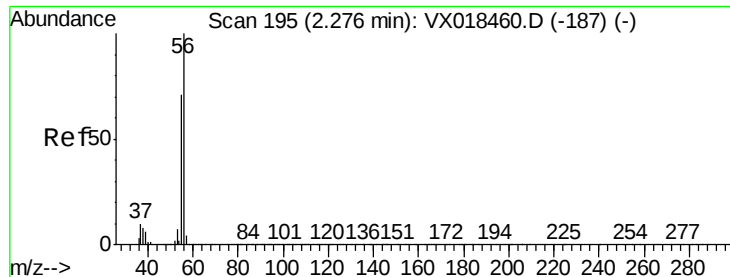


#12

1,1-Dichloroethene  
Concen: 19.430 ug/l  
RT: 2.36 min Scan# 209  
Delta R.T. 0.01 min  
Lab File: VX018561.D  
Acq: 24 Sep 2020 11:02

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 96      | 96  | 100   |       |       |
| 61      | 61  | 162.3 | 142.2 | 213.4 |
| 98      | 98  | 60.3  | 52.4  | 78.6  |





#13

Acrolein

Concen: 89.366 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018561.D

Acq: 24 Sep 2020 11:02

Instrument :

MSVOA\_X

ClientSampleId :

VX0924WBS01

Tot Ion: 56 Resp: 61272

Ion Ratio Lower Upper

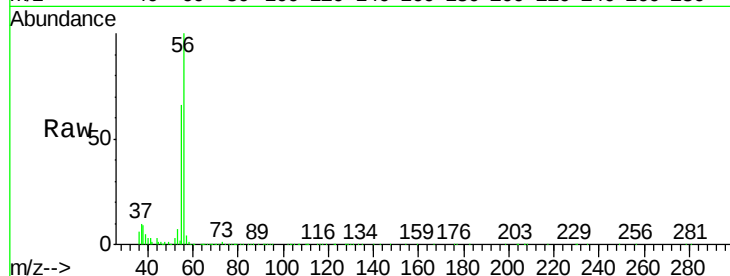
56 100

55 74.1 58.2 87.4

Manual Integrations  
APPROVED

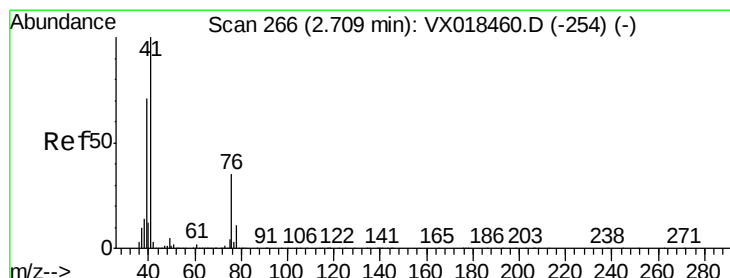
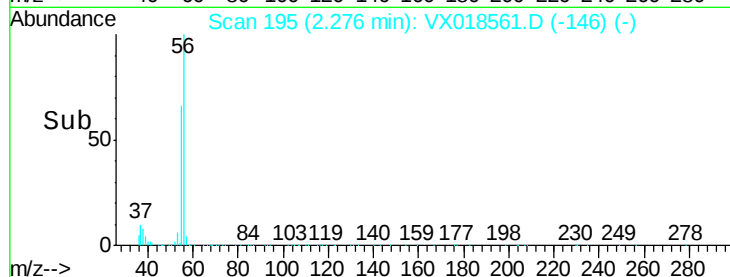
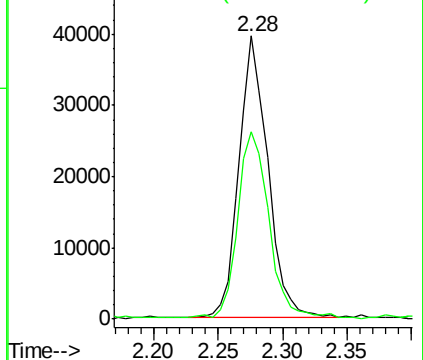
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 17.868 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018561.D

Acq: 24 Sep 2020 11:02

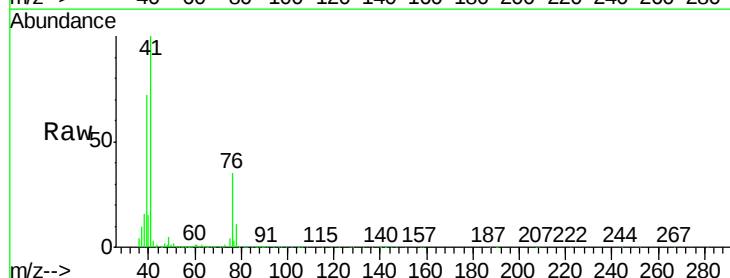
Tgt Ion: 41 Resp: 147511

Ion Ratio Lower Upper

41 100

39 67.9 51.1 76.7

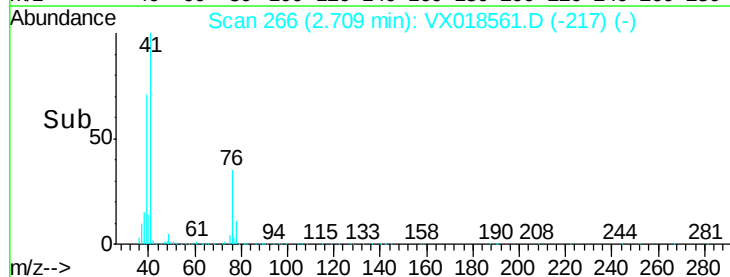
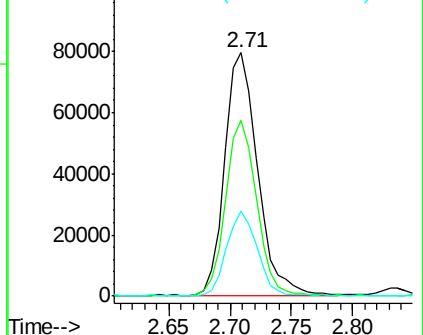
76 32.6 26.0 39.0

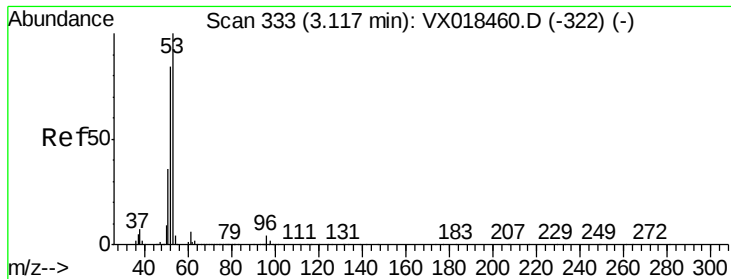


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 86.658 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018561.D

Acq: 24 Sep 2020 11:02

Instrument :

MSVOA\_X

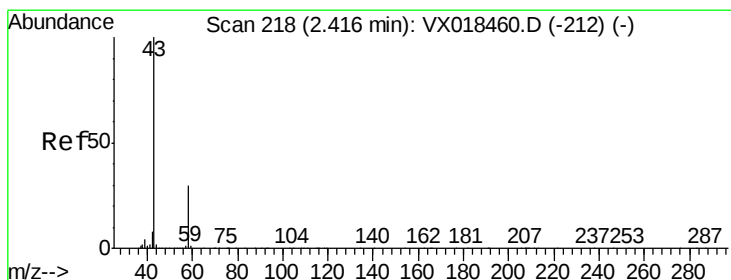
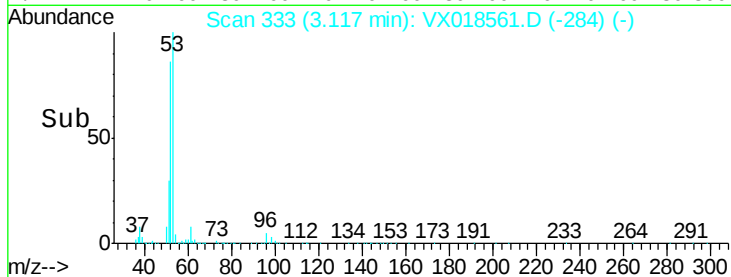
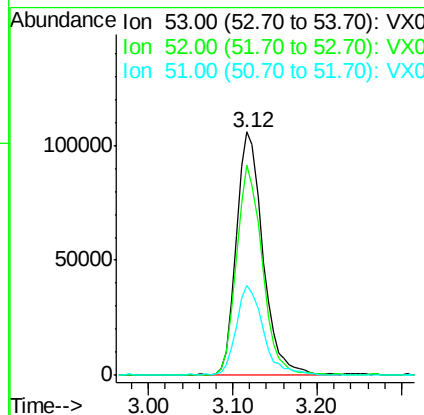
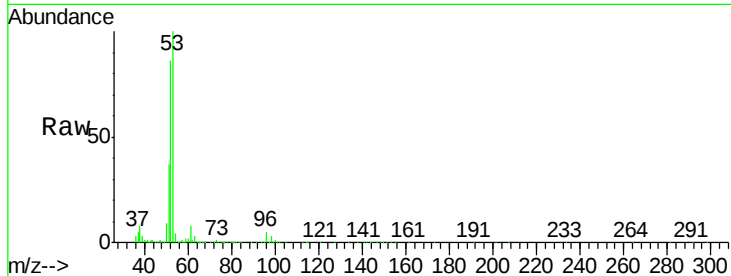
ClientSampleId :

VX0924WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 223894 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 83.7  | 65.8  | 98.8   |
| 51        | 36.8  | 29.2  | 43.8   |

Manual Integrations  
APPROVED

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#16

Acetone

Concen: 93.072 ug/l

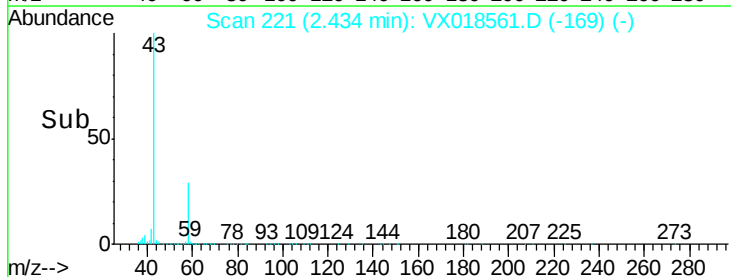
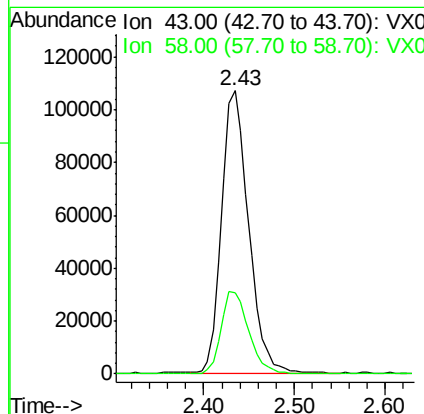
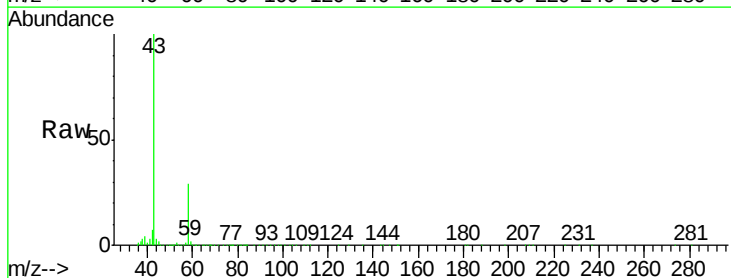
RT: 2.43 min Scan# 221

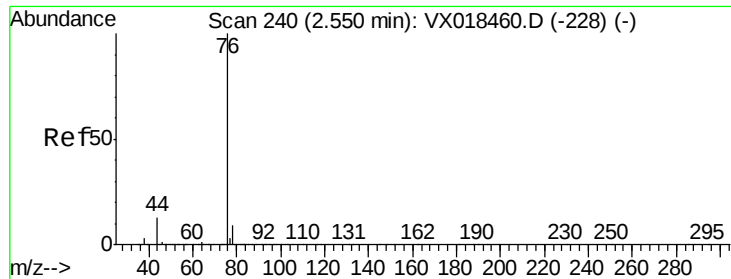
Delta R.T. 0.02 min

Lab File: VX018561.D

Acq: 24 Sep 2020 11:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 221512 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 28.7  | 24.0  | 36.0   |





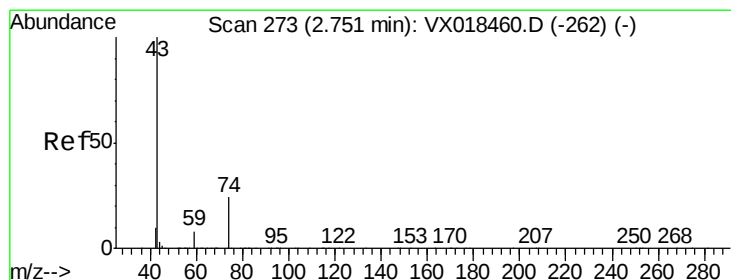
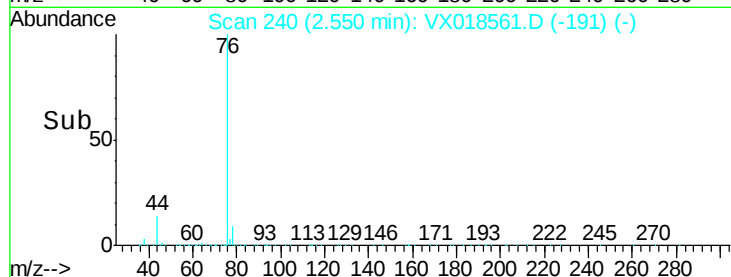
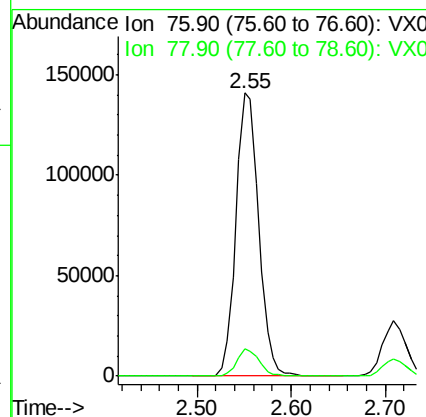
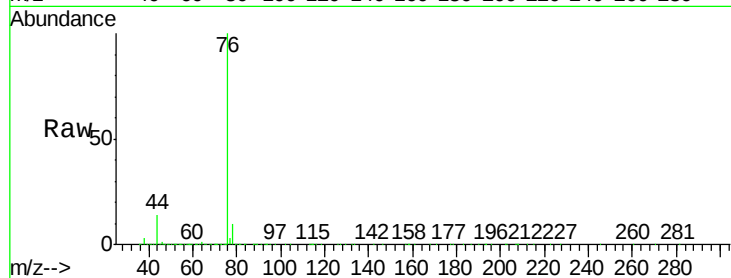
#17  
Carbon Disulfide  
Concen: 18.585 ug/l  
RT: 2.55 min Scan# 240  
Delta R.T. -0.00 min  
Lab File: VX018561.D  
Acq: 24 Sep 2020 11:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0924WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.6   | 7.0   | 10.4  |

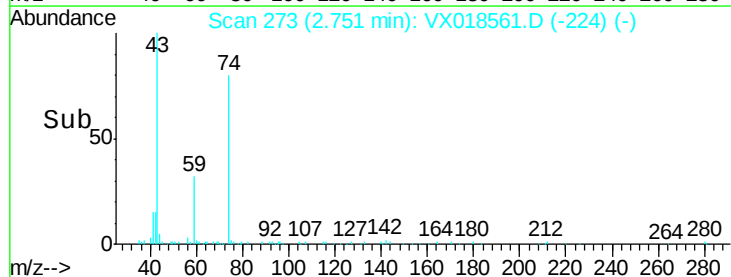
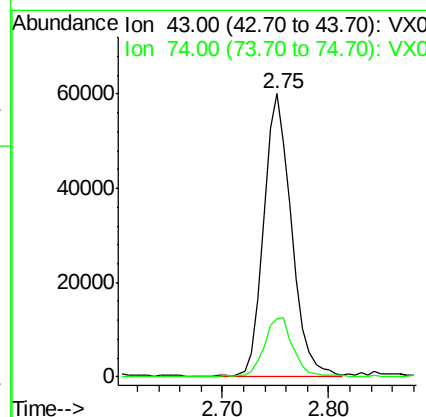
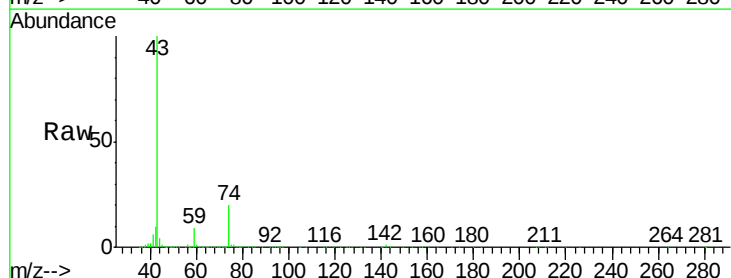
Manual Integrations  
APPROVED

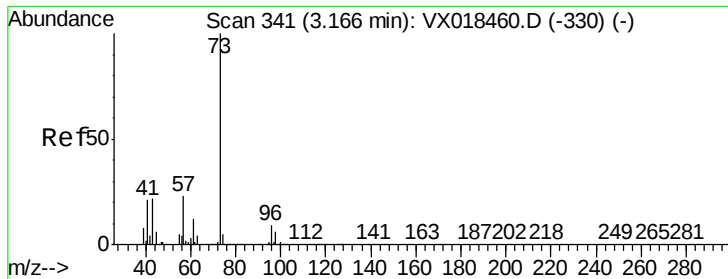
MMDadoda  
9/28/2020 5:22:25 PM



#18  
Methyl Acetate  
Concen: 18.591 ug/l  
RT: 2.75 min Scan# 273  
Delta R.T. -0.00 min  
Lab File: VX018561.D  
Acq: 24 Sep 2020 11:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 22.0  | 18.3  | 27.5  |





#19

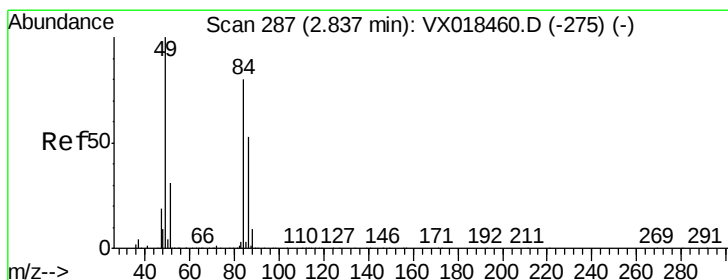
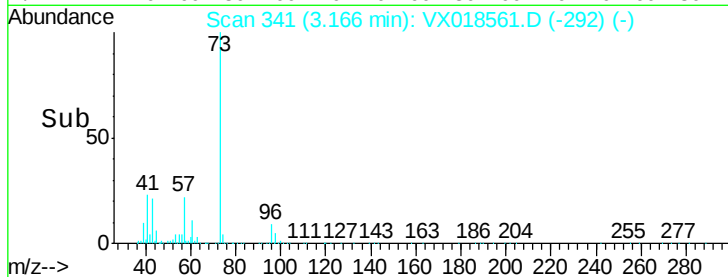
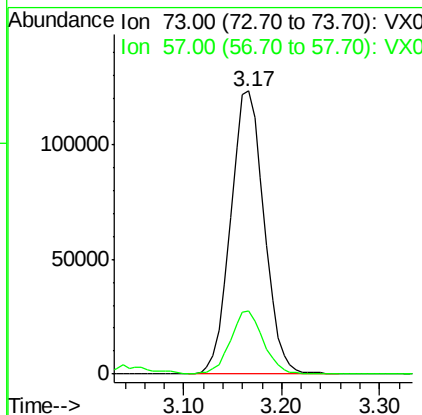
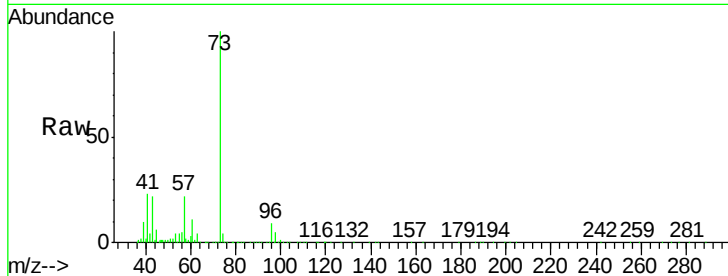
Methyl tert-butyl Ether  
 Concen: 19.555 ug/l  
 RT: 3.17 min Scan# 341  
 Delta R.T. -0.00 min  
 Lab File: VX018561.D  
 Acq: 24 Sep 2020 11:02

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0924WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 22.1  | 18.0  | 27.0  |

Manual Integrations  
 APPROVED

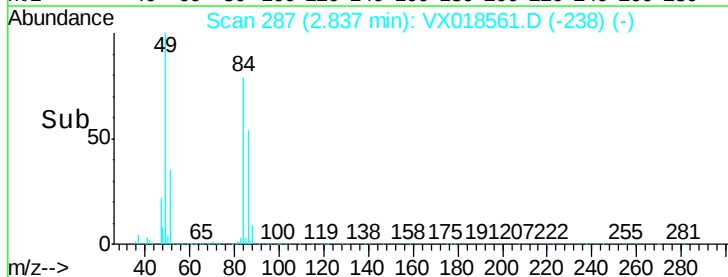
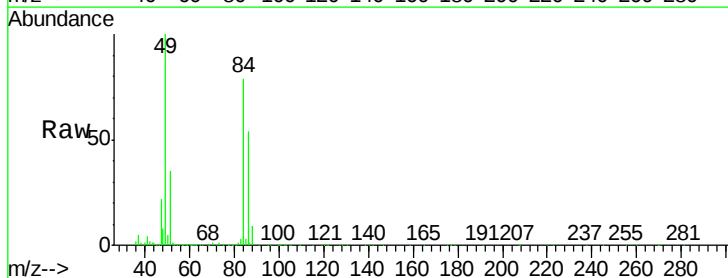
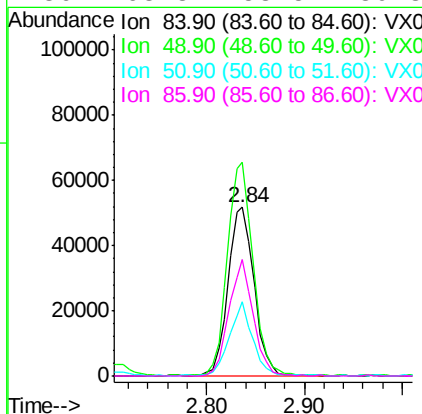
MMDadoda  
 9/28/2020 5:22:25 PM

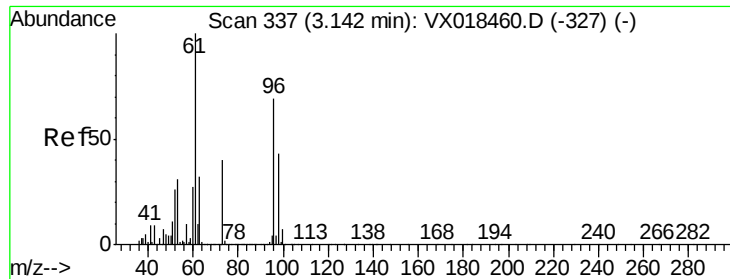


#20

Methylene Chloride  
 Concen: 18.226 ug/l  
 RT: 2.84 min Scan# 287  
 Delta R.T. -0.00 min  
 Lab File: VX018561.D  
 Acq: 24 Sep 2020 11:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 126.2 | 100.6 | 151.0 |
| 51      | 43.8  | 30.9  | 46.3  |
| 86      | 68.8  | 53.5  | 80.3  |





#21

trans-1,2-Dichloroethene

Concen: 18.750 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018561.D

Acq: 24 Sep 2020 11:02

Instrument :

MSVOA\_X

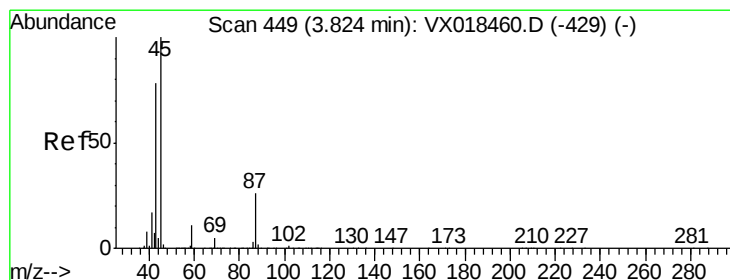
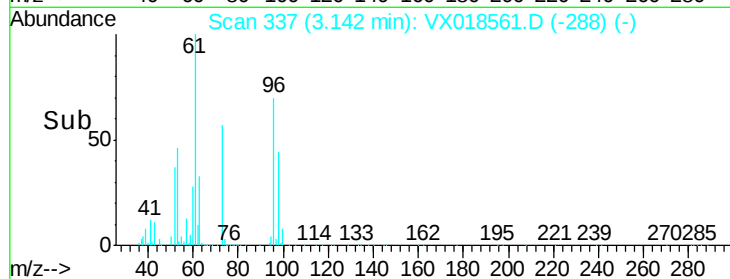
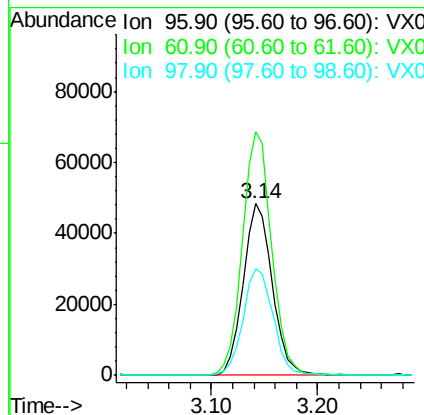
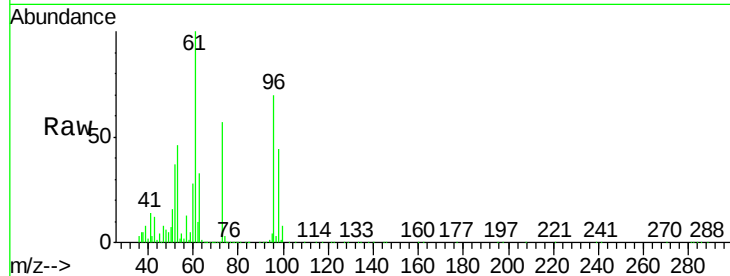
ClientSampleId :

VX0924WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 92836 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 141.8 | 115.6 | 173.4 |
| 98       | 61.9  | 50.2  | 75.4  |

Manual Integrations  
APPROVED

MMDadoda  
9/28/2020 5:22:25 PM



#22

Diisopropyl ether

Concen: 19.313 ug/l

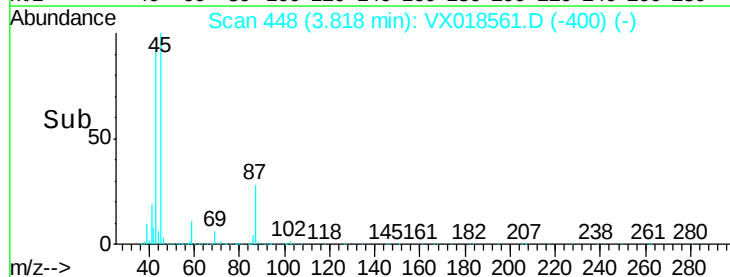
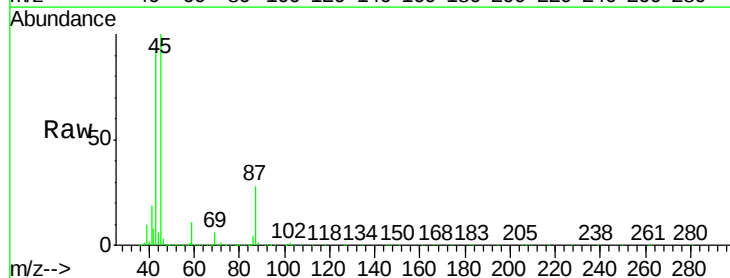
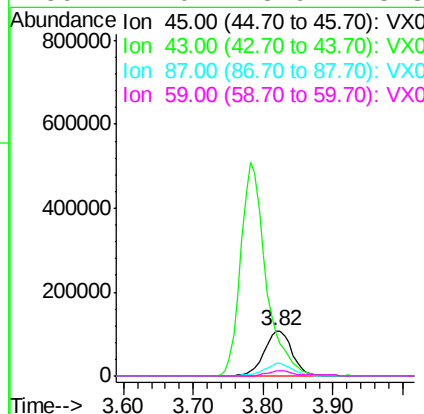
RT: 3.82 min Scan# 448

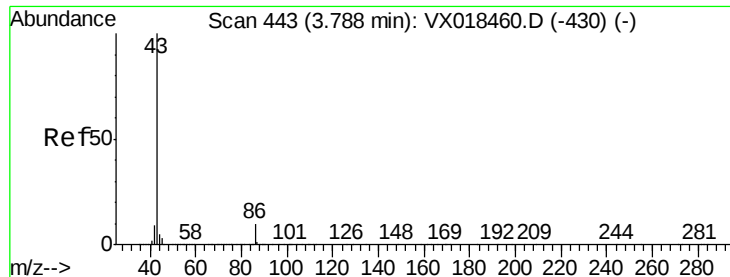
Delta R.T. -0.01 min

Lab File: VX018561.D

Acq: 24 Sep 2020 11:02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 299710 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 92.3  | 62.4  | 93.6   |
| 87       | 28.1  | 21.2  | 31.8   |
| 59       | 11.0  | 8.9   | 13.3   |





#23

Vinyl Acetate

Concen: 93.467 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018561.D

Acq: 24 Sep 2020 11:02

Instrument :

MSVOA\_X

ClientSampleId :

VX0924WBS01

Tot Ion: 43 Resp: 1285259

Ion Ratio Lower Upper

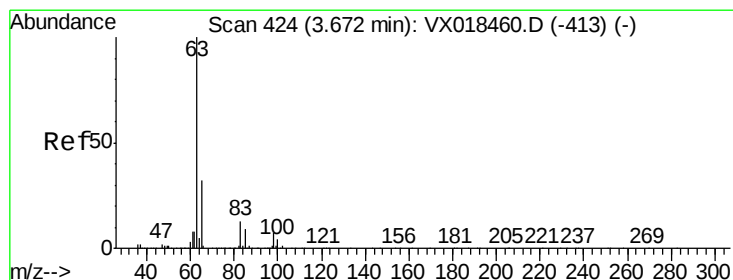
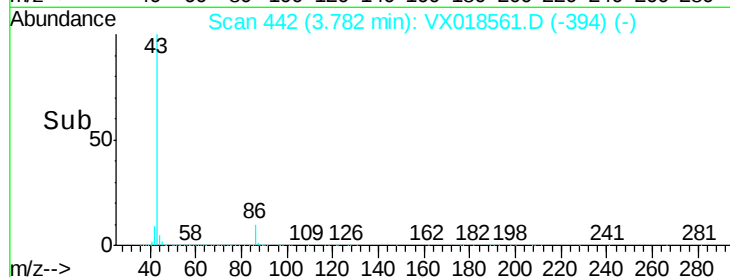
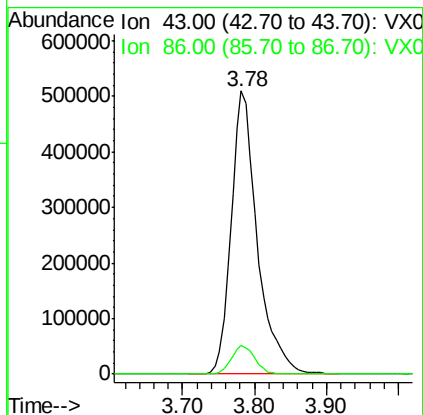
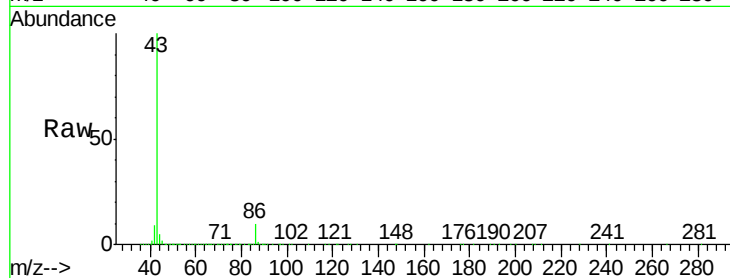
43 100

86 10.1 8.1 12.1

Manual Integrations  
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#24

1,1-Dichloroethane

Concen: 19.057 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX018561.D

Acq: 24 Sep 2020 11:02

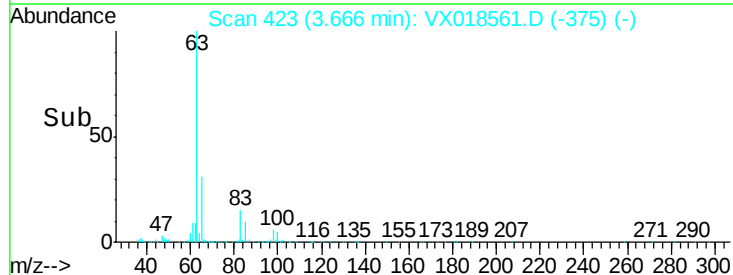
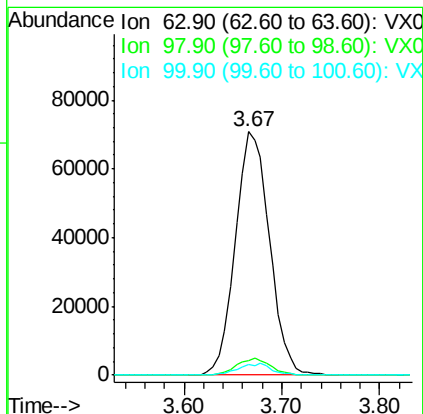
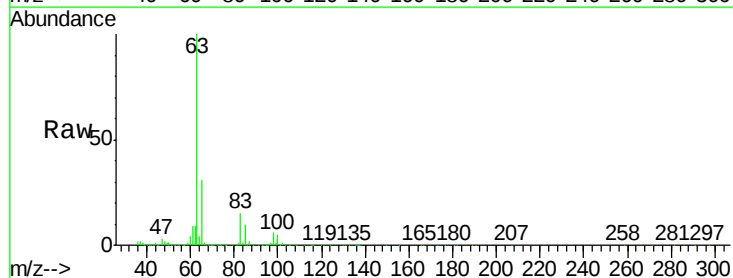
Tgt Ion: 63 Resp: 170554

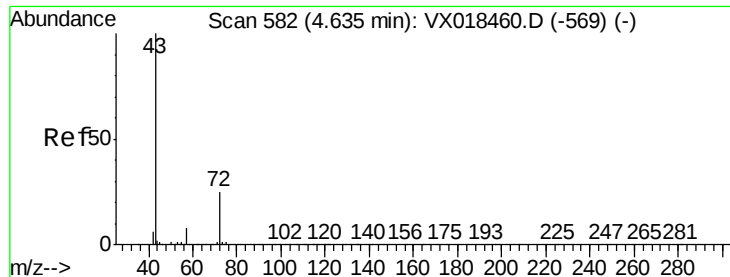
Ion Ratio Lower Upper

63 100

98 6.2 3.5 10.6

100 4.5 1.9 5.7





#25

2-Butanone

Concen: 87.313 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX018561.D

Acq: 24 Sep 2020 11:02

Instrument :

MSVOA\_X

ClientSampleId :

VX0924WBS01

Tot Ion: 43 Resp: 323608

Ion Ratio Lower Upper

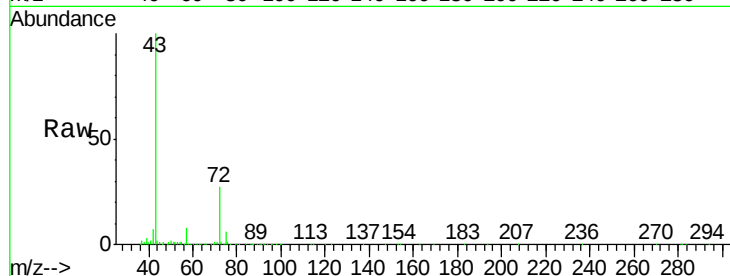
43 100

72 27.0 20.2 30.4

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

120000

100000

80000

60000

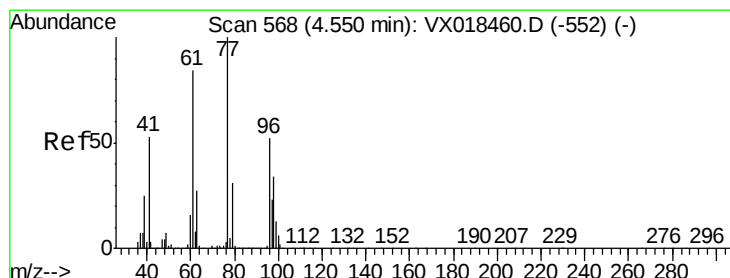
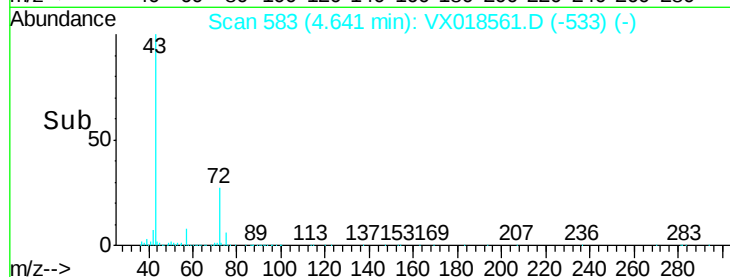
40000

20000

0

4.60 4.70

Time-->



#26

2,2-Dichloropropane

Concen: 19.757 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018561.D

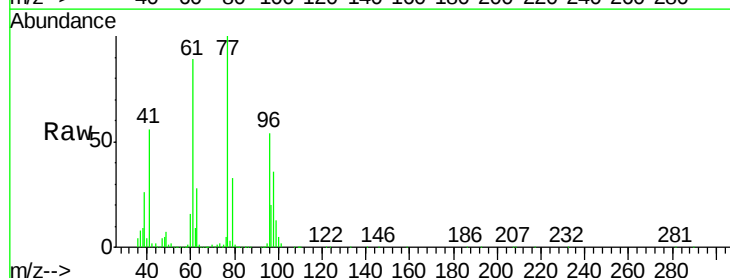
Acq: 24 Sep 2020 11:02

Tgt Ion: 77 Resp: 163367

Ion Ratio Lower Upper

77 100

97 21.9 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

50000

40000

30000

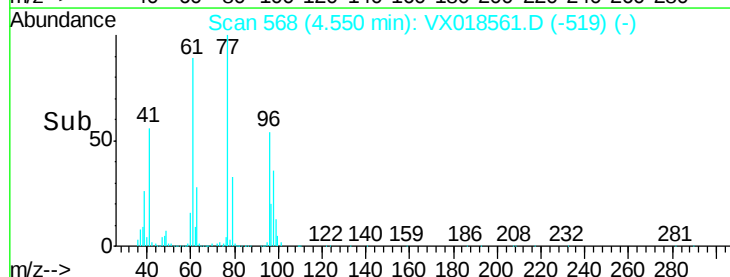
20000

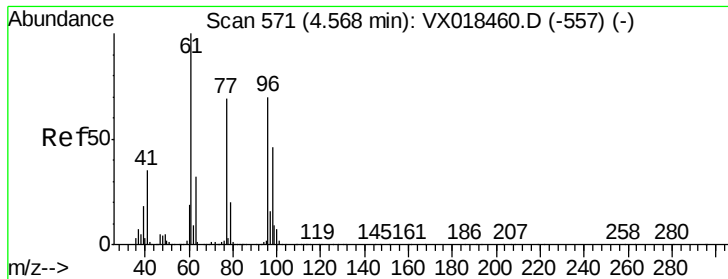
10000

0

4.40 4.50 4.60 4.70

Time-->





#27

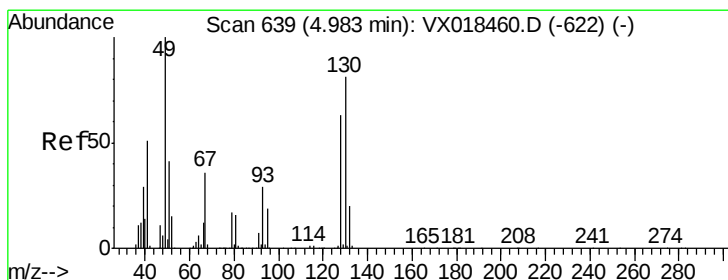
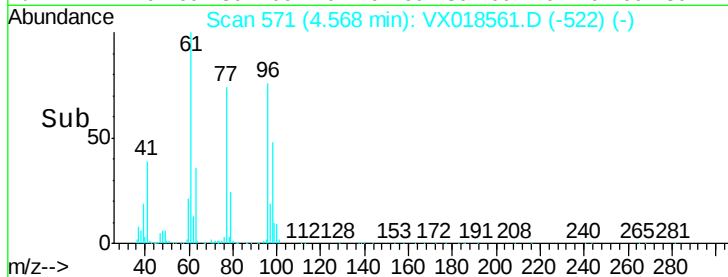
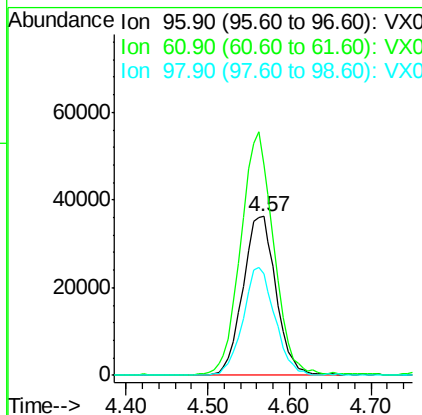
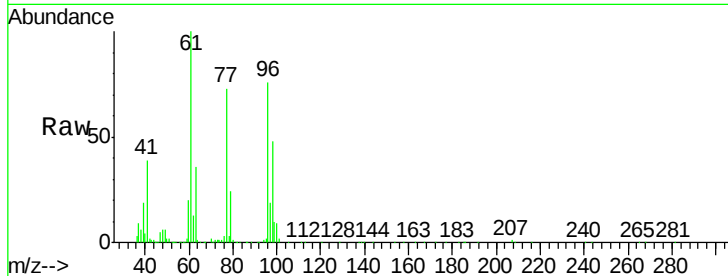
cis-1,2-Dichloroethene  
Concen: 18.478 ug/l  
RT: 4.57 min Scan# 571  
Delta R.T. -0.00 min  
Lab File: VX018561.D  
Acq: 24 Sep 2020 11:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0924WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 102547 |       |       |
| 61      | 152.1 | 0.0    | 300.0 |       |
| 98      | 64.8  | 0.0    | 130.4 |       |

Manual Integrations  
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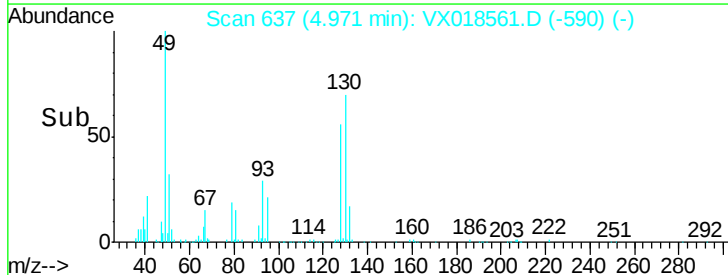
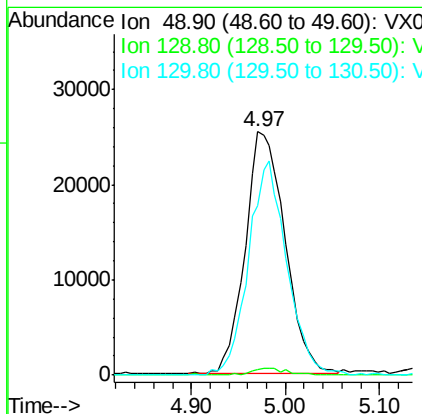
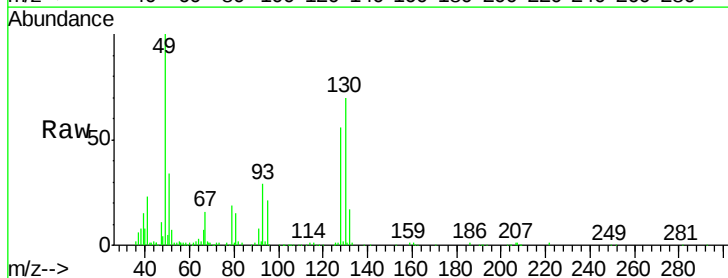
MMDadoda  
9/28/2020 5:22:25 PM

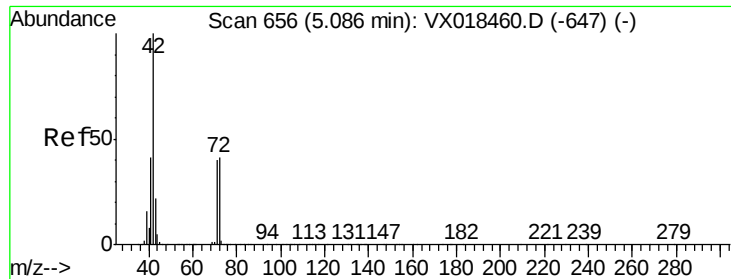


#28

Bromochloromethane  
Concen: 18.099 ug/l  
RT: 4.97 min Scan# 637  
Delta R.T. -0.01 min  
Lab File: VX018561.D  
Acq: 24 Sep 2020 11:02

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 49      | 100   | 75798 |       |       |
| 129     | 2.3   | 0.0   | 4.6   |       |
| 130     | 84.9  | 65.0  | 97.4  |       |





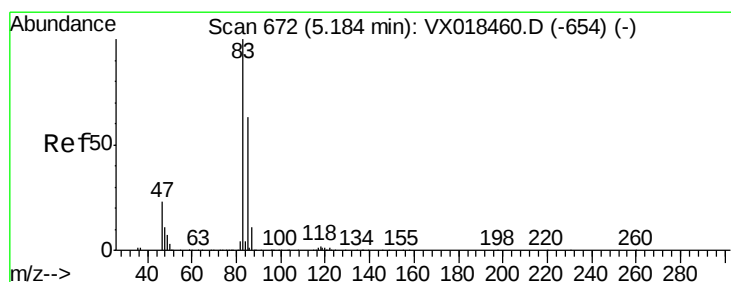
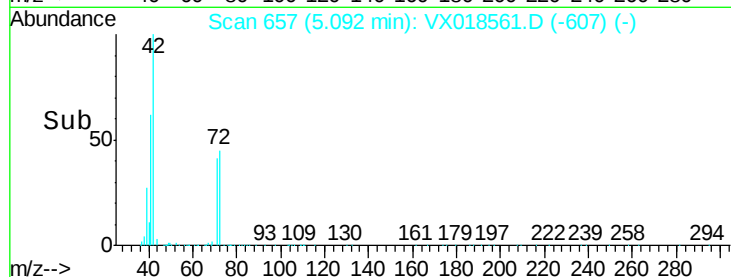
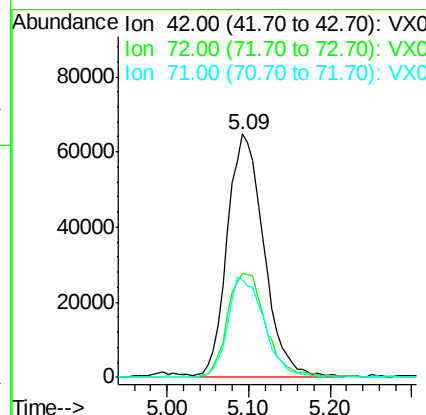
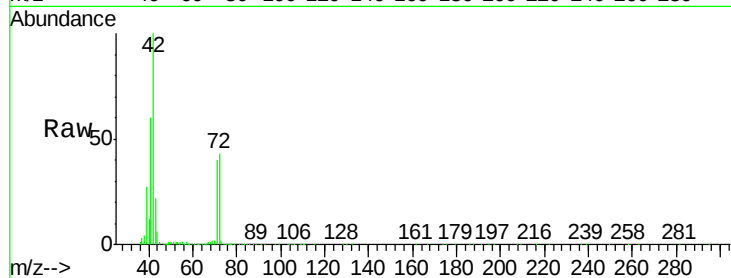
#29  
Tetrahydrofuran  
Concen: 85.711 ug/l  
RT: 5.09 min Scan# 657  
Delta R.T. 0.01 min  
Lab File: VX018561.D  
Acq: 24 Sep 2020 11:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0924WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 44.6  | 34.3  | 51.5  |
| 71      | 41.3  | 32.1  | 48.1  |

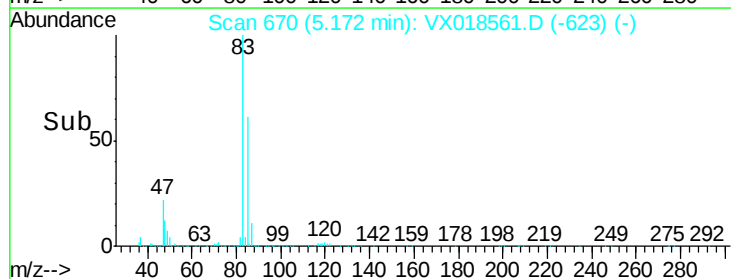
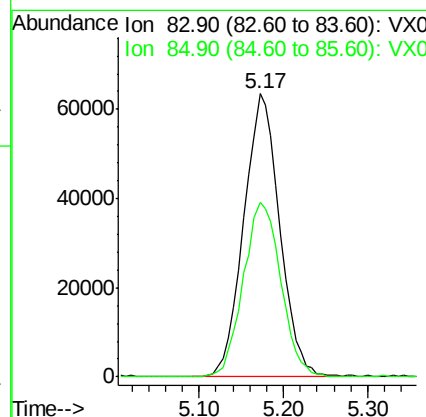
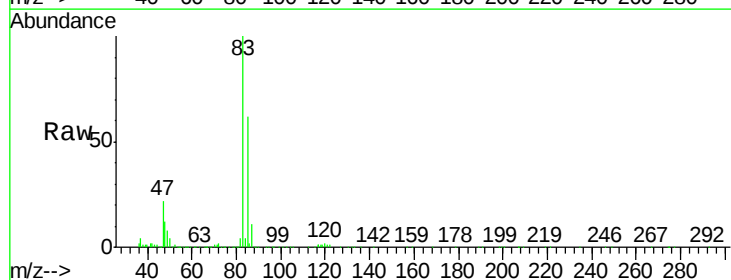
Manual Integrations  
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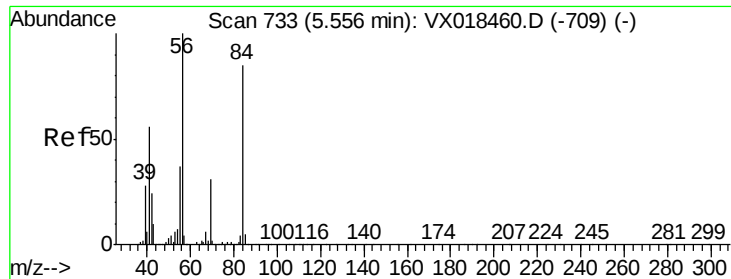
MMDadoda  
9/28/2020 5:22:25 PM



#30  
Chloroform  
Concen: 20.213 ug/l  
RT: 5.17 min Scan# 670  
Delta R.T. -0.01 min  
Lab File: VX018561.D  
Acq: 24 Sep 2020 11:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 61.9  | 50.6  | 76.0  |





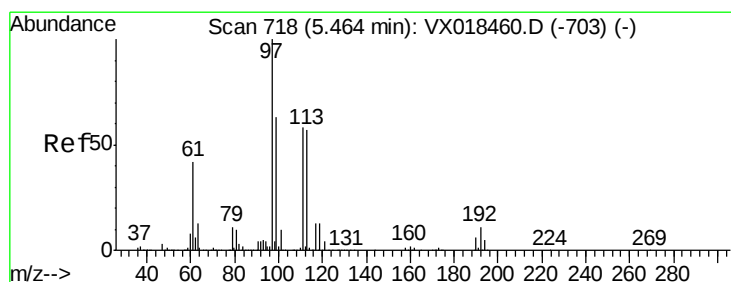
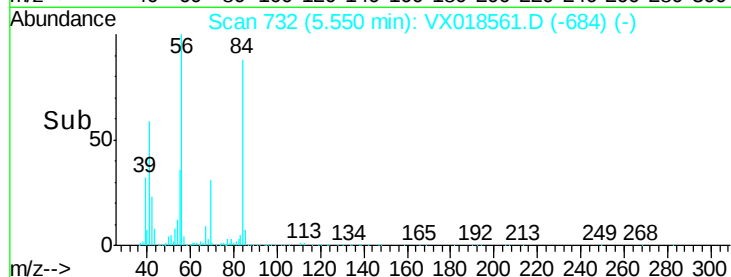
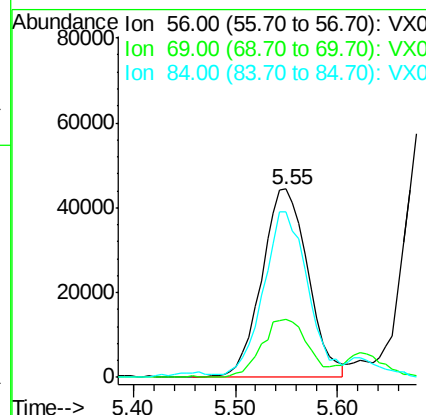
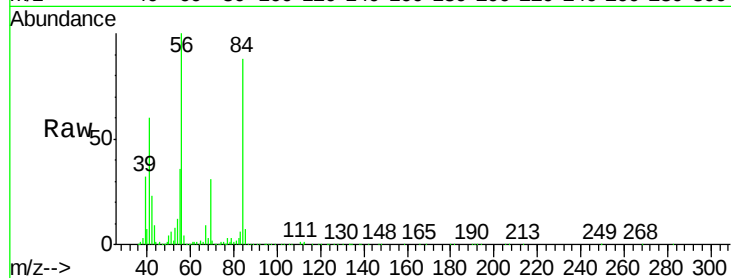
#31  
Cyclohexane  
Concen: 18.487 ug/l  
RT: 5.55 min Scan# 732  
Delta R.T. -0.01 min  
Lab File: VX018561.D  
Acq: 24 Sep 2020 11:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0924WBS01

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 56      | 100  |       | 139226 |       |       |
| 69      | 30.1 | 24.8  | 37.2   |       |       |
| 84      | 85.8 | 67.6  | 101.4  |       |       |

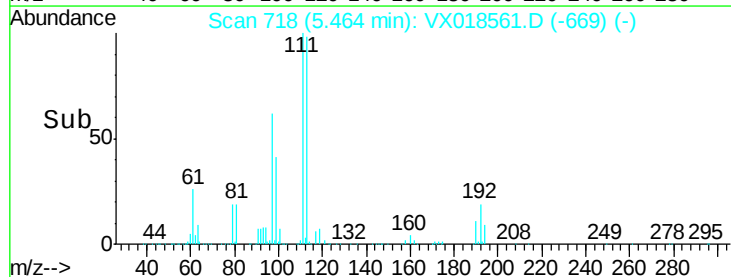
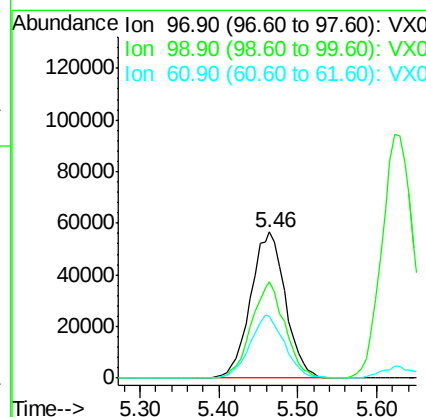
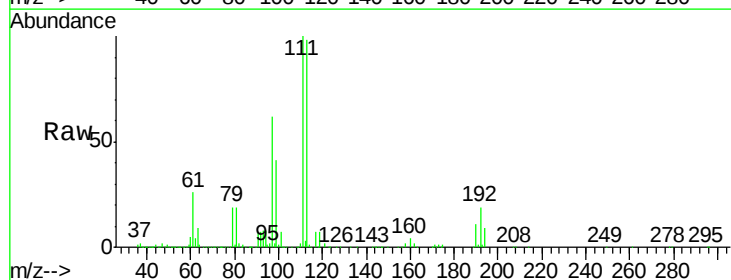
Manual Integrations  
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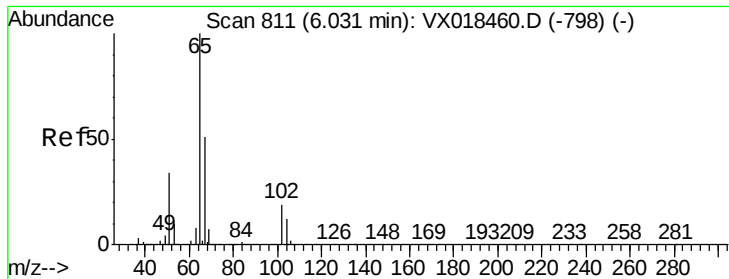
MMDadoda  
9/28/2020 5:22:25 PM



#32  
1,1,1-Trichloroethane  
Concen: 20.270 ug/l  
RT: 5.46 min Scan# 718  
Delta R.T. -0.00 min  
Lab File: VX018561.D  
Acq: 24 Sep 2020 11:02

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 97      | 100  |       | 172672 |       |       |
| 99      | 63.6 | 50.5  | 75.7   |       |       |
| 61      | 42.2 | 33.4  | 50.2   |       |       |





#33

1,2-Dichloroethane-d4

Concen: 53.312 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018561.D

Acq: 24 Sep 2020 11:02

Instrument :

MSVOA\_X

ClientSampleId :

VX0924WBS01

Tot Ion: 65 Resp: 331776

Ion Ratio Lower Upper

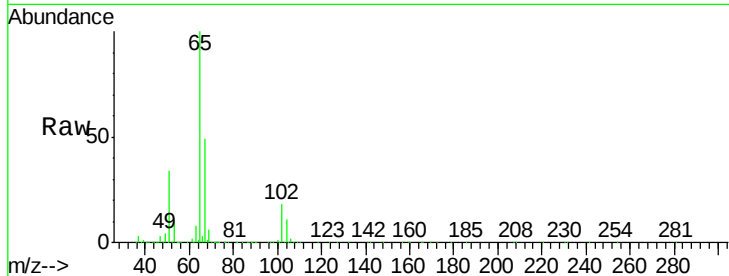
65 100

67 49.7 0.0 105.6

Manual Integrations  
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

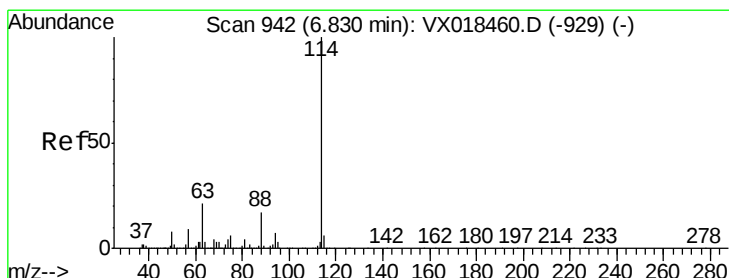
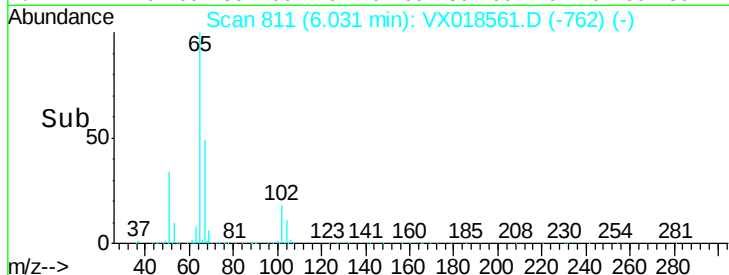
150000

100000

50000

0

Time--> 5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX018561.D

Acq: 24 Sep 2020 11:02

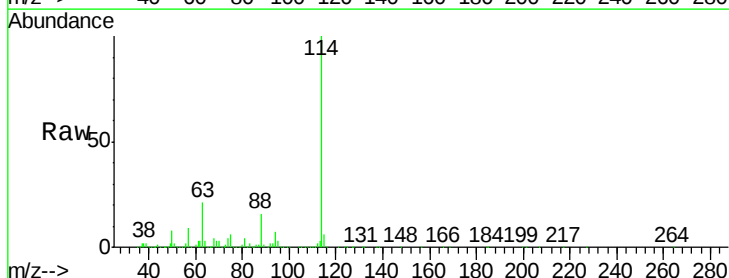
Tgt Ion: 114 Resp: 664153

Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.8

88 16.3 0.0 33.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.83

400000

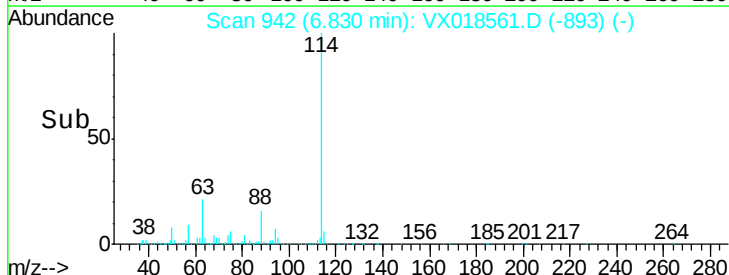
300000

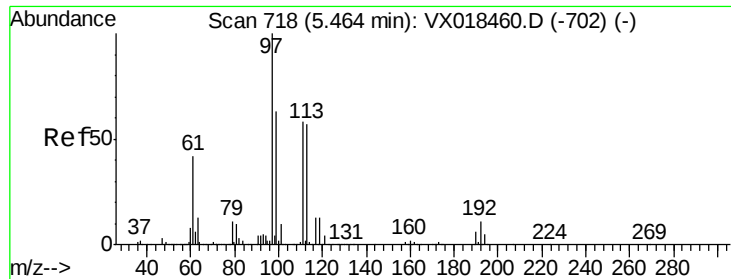
200000

100000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 56.339 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX018561.D

Acq: 24 Sep 2020 11:02

Instrument :

MSVOA\_X

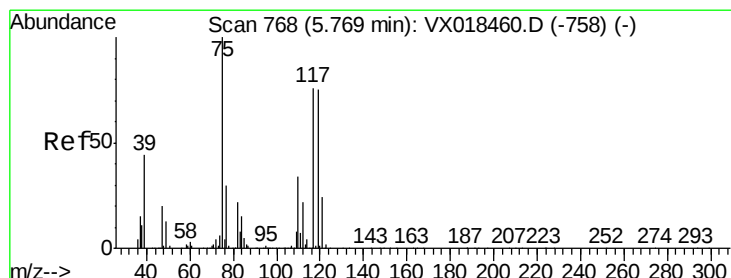
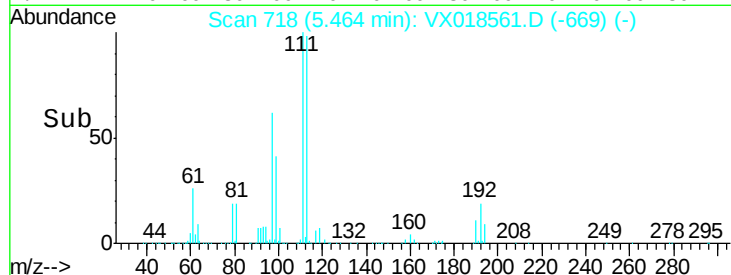
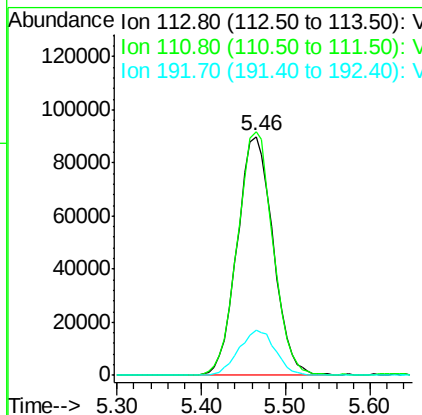
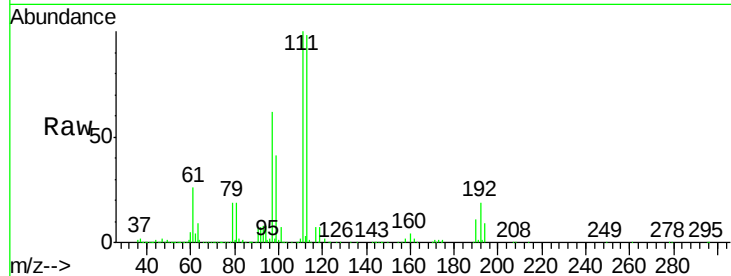
ClientSampleId :

VX0924WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 258675 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 100.8 | 81.4  | 122.2  |
| 192       | 19.3  | 16.6  | 24.8   |

Manual Integrations  
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#36

1,1-Dichloropropene

Concen: 20.156 ug/l

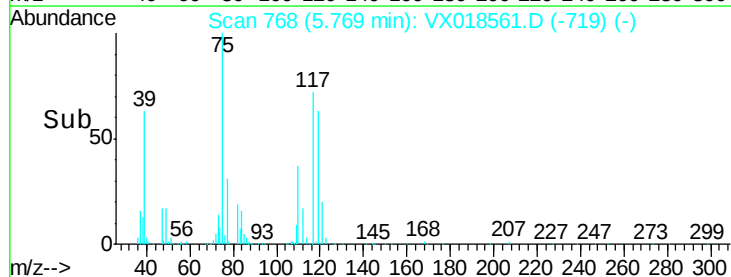
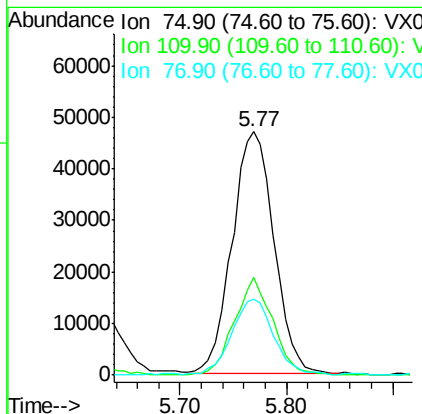
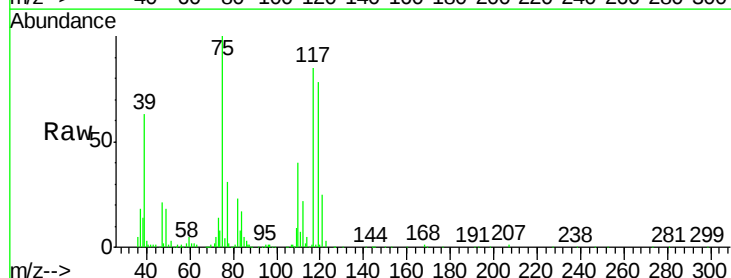
RT: 5.77 min Scan# 768

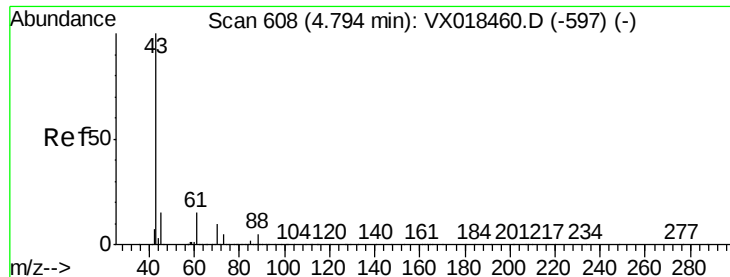
Delta R.T. -0.00 min

Lab File: VX018561.D

Acq: 24 Sep 2020 11:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 129931 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 37.0  | 17.6  | 52.8   |
| 77        | 31.5  | 25.0  | 37.6   |





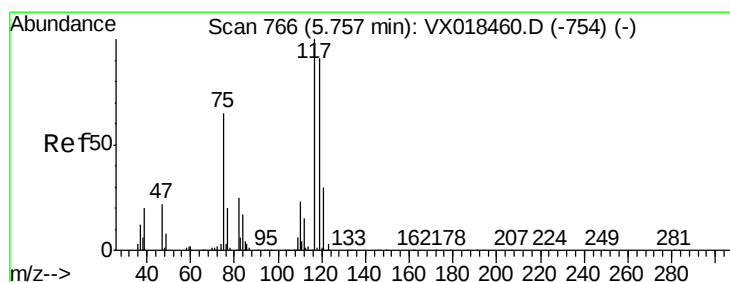
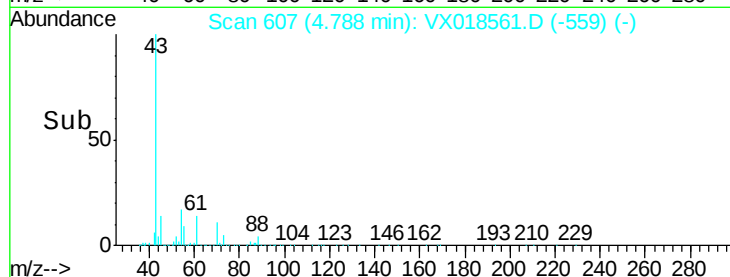
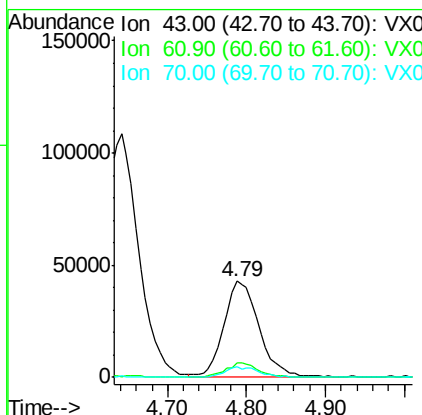
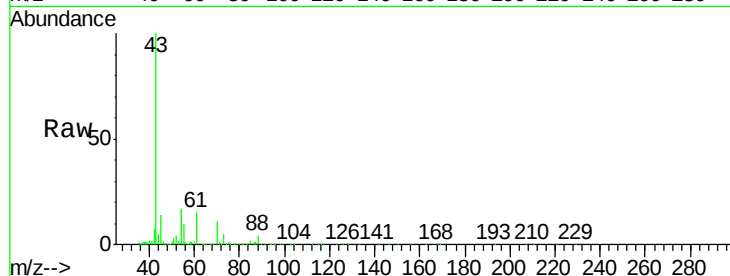
#37  
Ethyl Acetate  
Concen: 18.993 ug/l  
RT: 4.79 min Scan# 607  
Delta R.T. -0.01 min  
Lab File: VX018561.D  
Acq: 24 Sep 2020 11:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0924WBS01

| Tot Ion   | 43    | Resp  | 130743 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 61        | 14.0  | 10.9  | 16.3   |
| 70        | 9.8   | 8.3   | 12.5   |

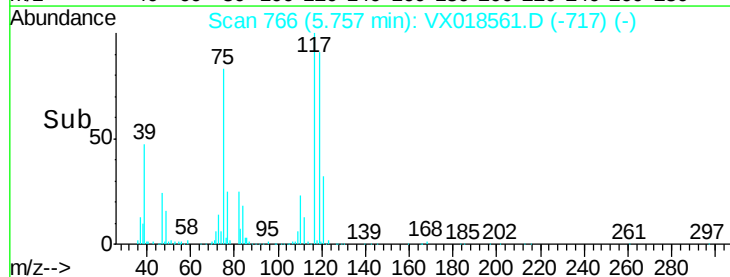
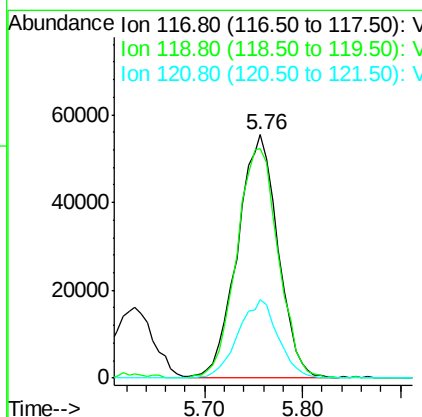
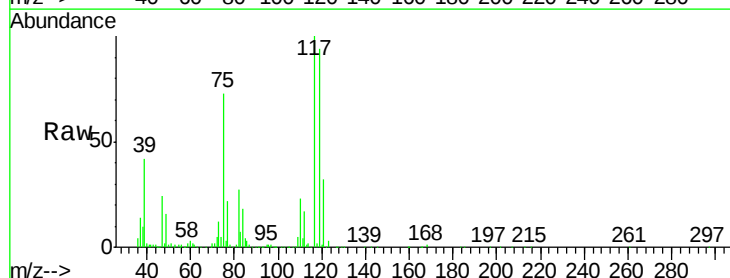
Manual Integrations  
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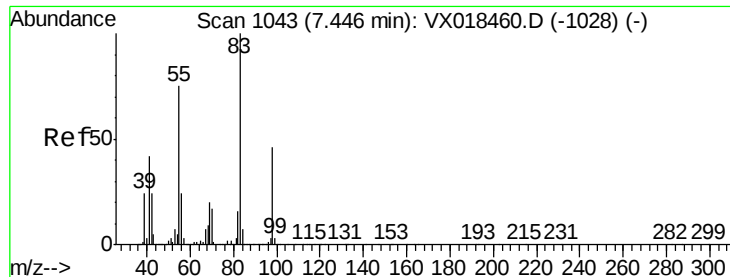
MMDadoda  
9/28/2020 5:22:25 PM



#38  
Carbon Tetrachloride  
Concen: 22.184 ug/l  
RT: 5.76 min Scan# 766  
Delta R.T. -0.00 min  
Lab File: VX018561.D  
Acq: 24 Sep 2020 11:02

| Tgt Ion   | 117   | Resp  | 158377 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 94.4  | 72.3  | 108.5  |
| 121       | 32.4  | 23.8  | 35.8   |





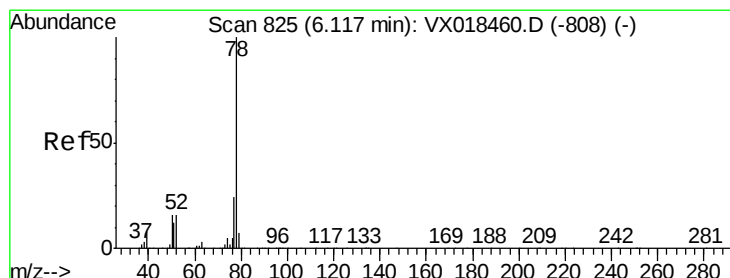
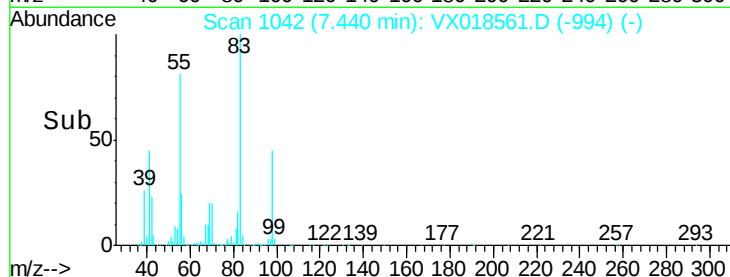
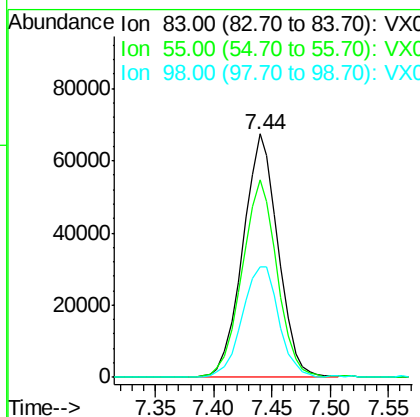
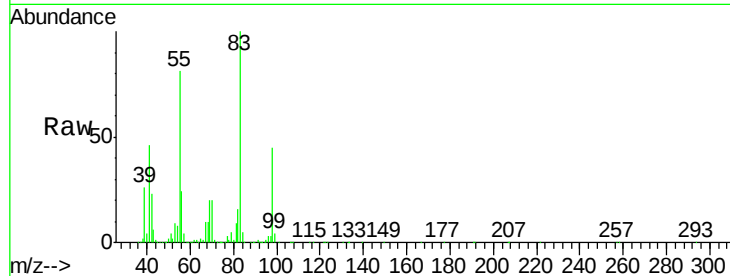
#39  
Methvlcvclohexane  
Concen: 19.504 ug/l  
RT: 7.44 min Scan# 1042  
Delta R.T. -0.01 min  
Lab File: VX018561.D  
Acq: 24 Sep 2020 11:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0924WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 141253 |       |       |
| 55      | 81.0  | 60.2   | 90.4  |       |
| 98      | 45.5  | 36.4   | 54.6  |       |

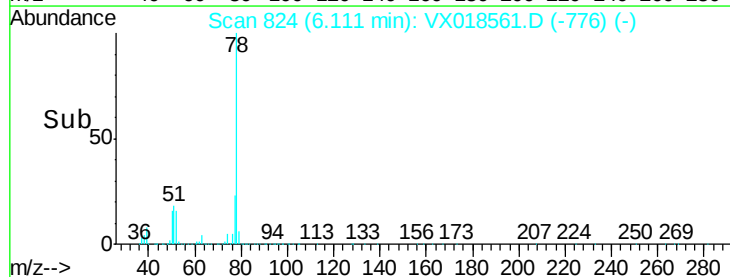
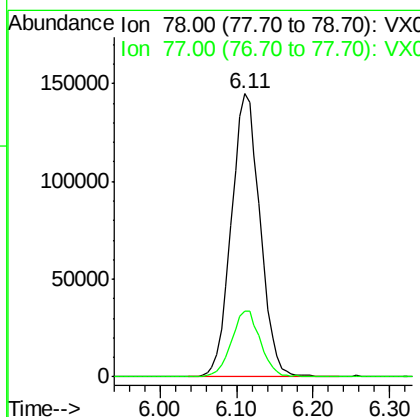
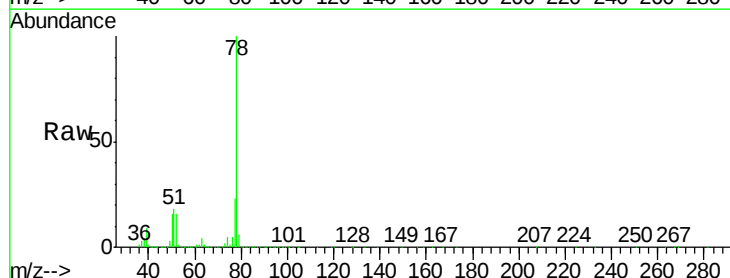
Manual Integrations  
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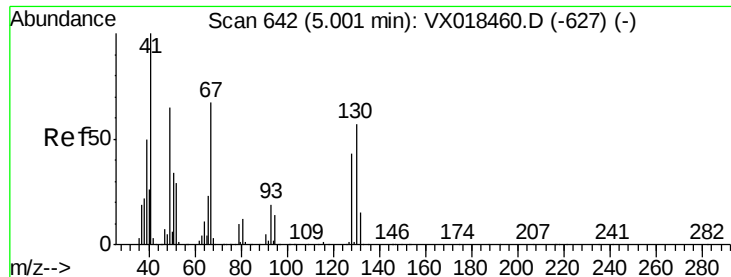
MMDadoda  
9/28/2020 5:22:25 PM



#40  
Benzene  
Concen: 20.411 ug/l  
RT: 6.11 min Scan# 824  
Delta R.T. -0.01 min  
Lab File: VX018561.D  
Acq: 24 Sep 2020 11:02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 78      | 100   | 377078 |       |       |
| 77      | 23.0  | 19.0   | 28.4  |       |





#41

Methacrylonitrile

Concen: 17.884 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.00 min

Lab File: VX018561.D

Acq: 24 Sep 2020 11:02

Instrument :

MSVOA\_X

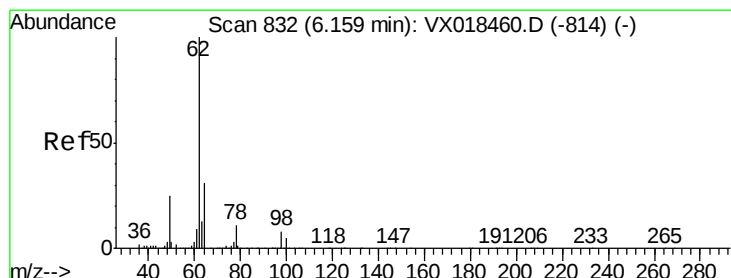
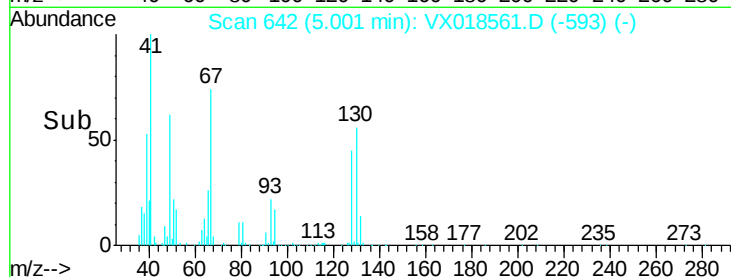
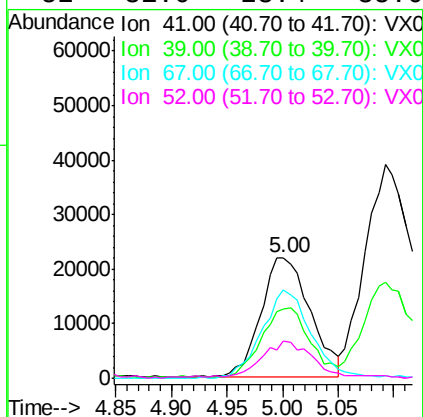
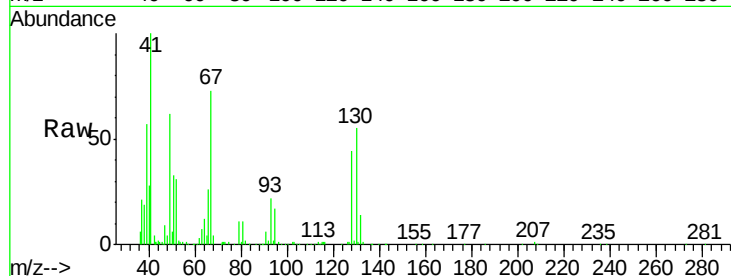
ClientSampleId :

VX0924WBS01

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 56.5 | 45.3  | 67.9  |       |
| 67      | 72.7 | 56.7  | 85.1  |       |
| 52      | 31.0 | 23.4  | 35.0  |       |

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#42

1,2-Dichloroethane

Concen: 21.559 ug/l

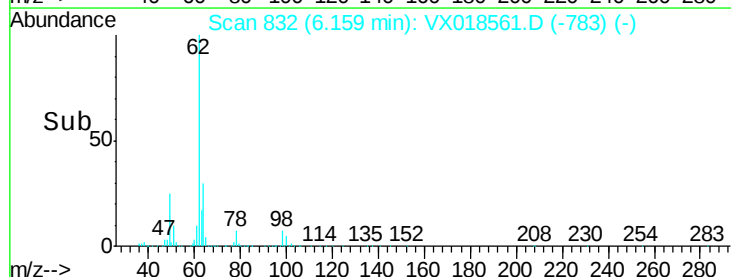
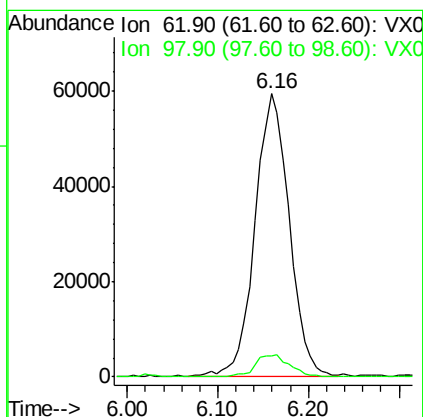
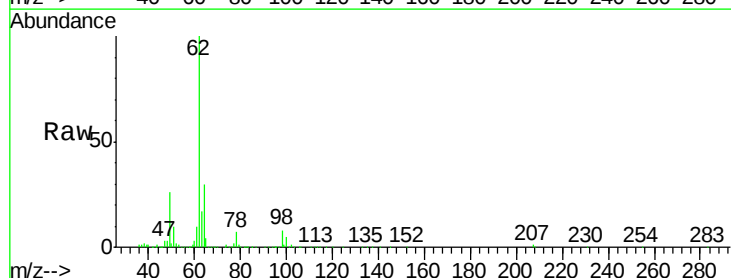
RT: 6.16 min Scan# 832

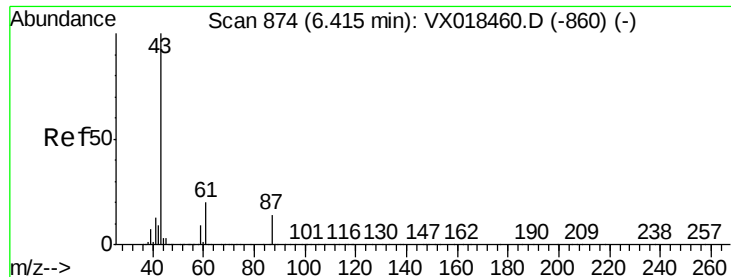
Delta R.T. -0.00 min

Lab File: VX018561.D

Acq: 24 Sep 2020 11:02

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 62      | 100 |       |       |       |
| 98      | 8.0 | 0.0   | 16.6  |       |





#43

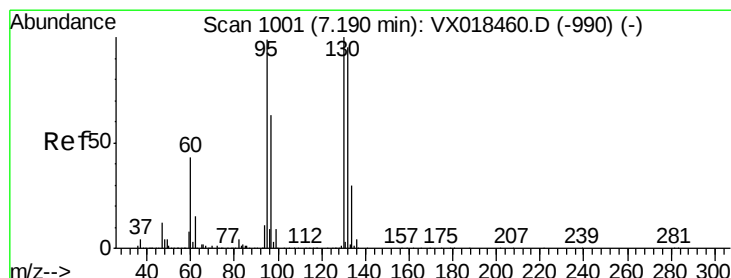
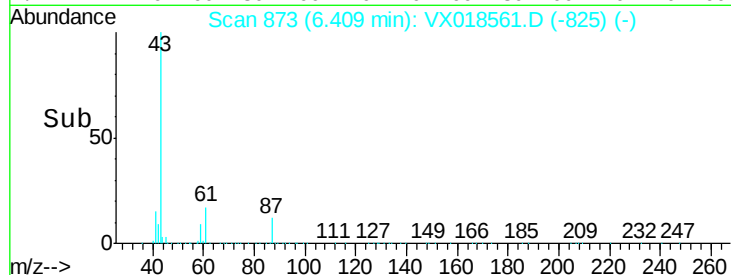
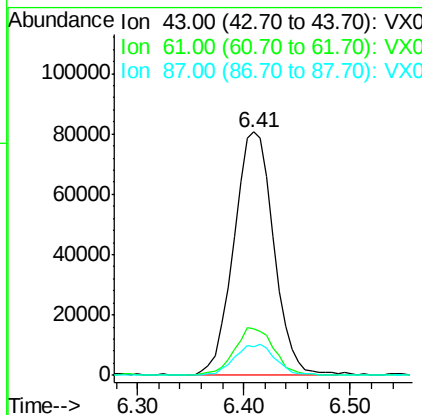
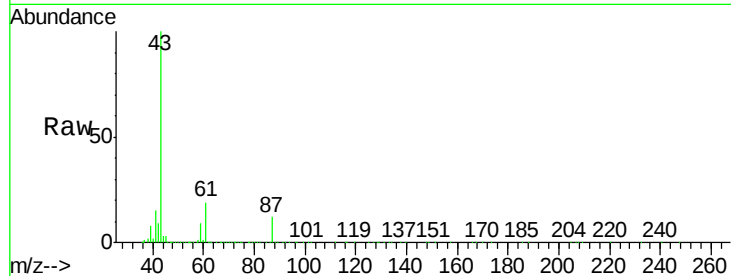
Isopropyl Acetate  
 Concen: 18.436 ug/l  
 RT: 6.41 min Scan# 873  
 Delta R.T. -0.01 min  
 Lab File: VX018561.D  
 Acq: 24 Sep 2020 11:02

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0924WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 19.7  | 15.7  | 23.5  |
| 87      | 13.3  | 10.4  | 15.6  |

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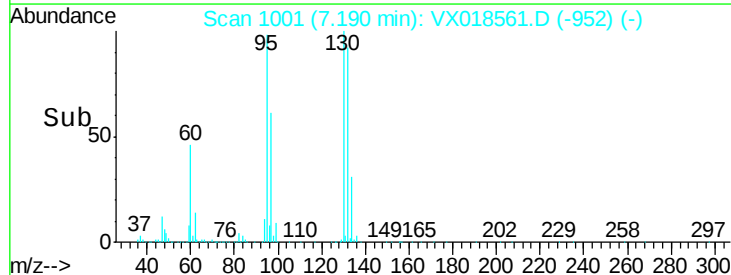
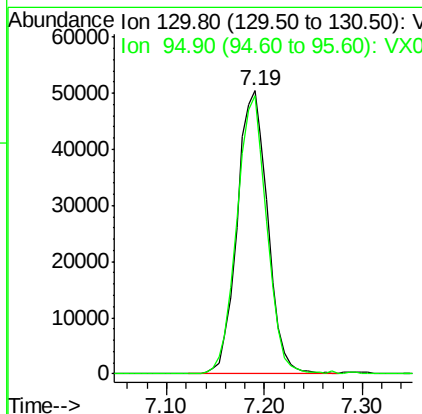
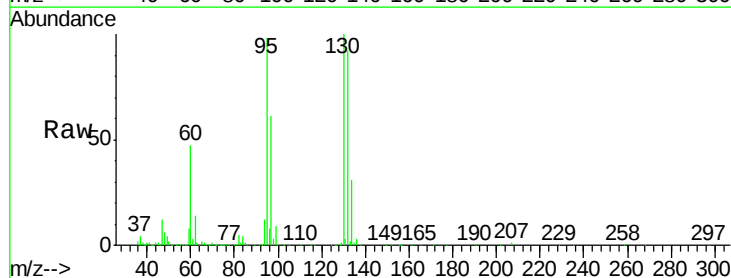
MMDadoda  
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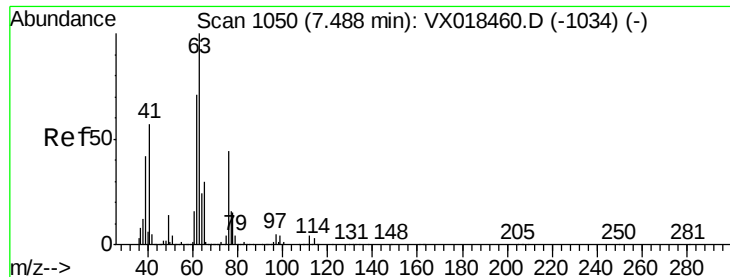


#44

Trichloroethene  
 Concen: 20.330 ug/l  
 RT: 7.19 min Scan# 1001  
 Delta R.T. -0.00 min  
 Lab File: VX018561.D  
 Acq: 24 Sep 2020 11:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 98.0  | 0.0   | 197.4 |





#45

1,2-Dichloropropane

Concen: 19.565 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX018561.D

Acq: 24 Sep 2020 11:02

Instrument :

MSVOA\_X

ClientSampleId :

VX0924WBS01

Tot Ion: 63 Resp: 99208

Ion Ratio Lower Upper

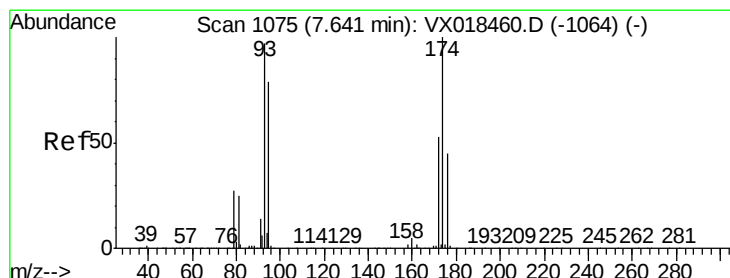
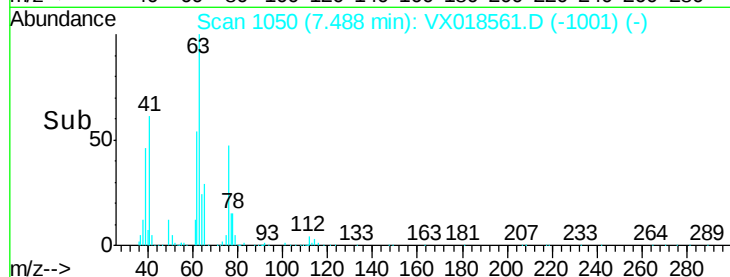
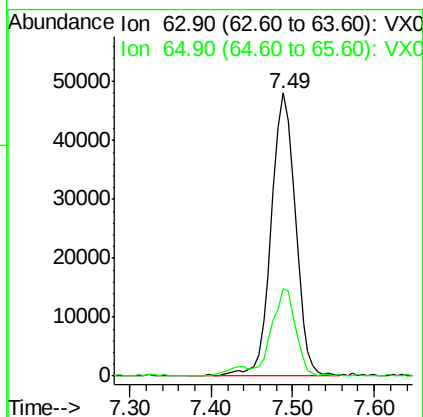
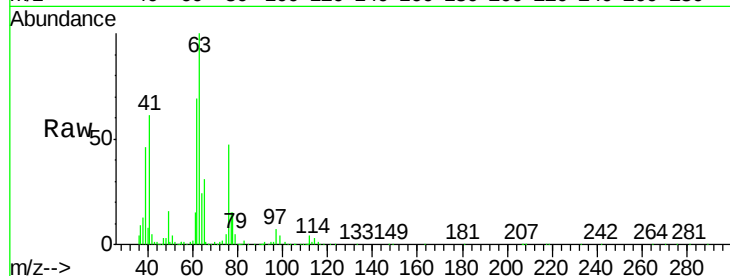
63 100

65 30.6 24.1 36.1

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#46

Dibromomethane

Concen: 19.673 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX018561.D

Acq: 24 Sep 2020 11:02

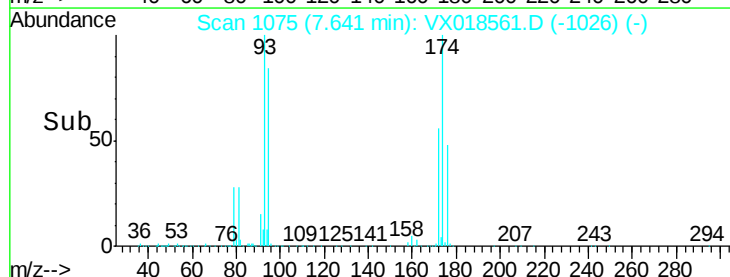
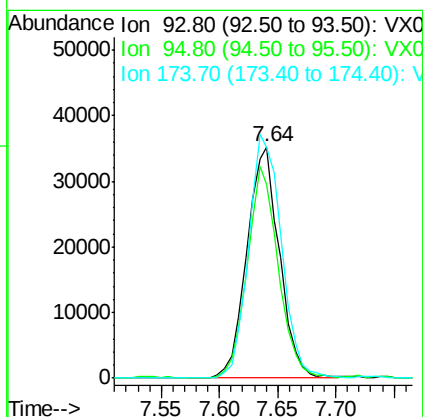
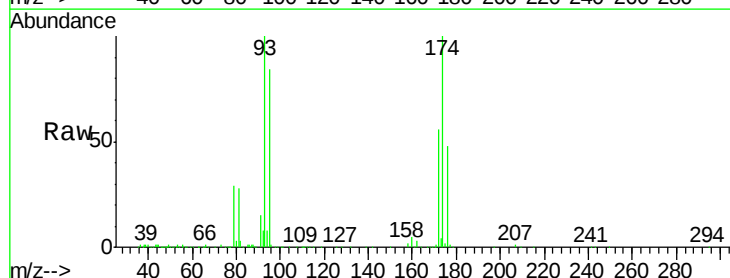
Tgt Ion: 93 Resp: 68534

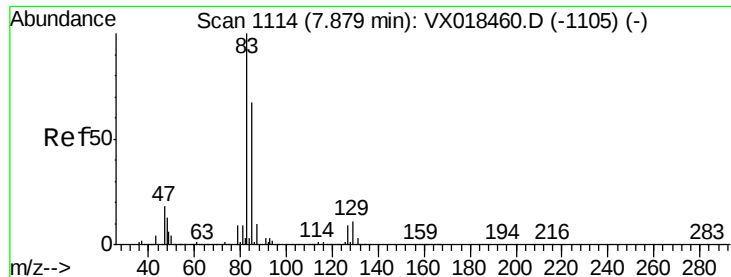
Ion Ratio Lower Upper

93 100

95 87.2 65.0 97.4

174 106.6 82.0 123.0





#47

Bromodichloromethane

Concen: 21.462 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018561.D

Acq: 24 Sep 2020 11:02

Instrument :

MSVOA\_X

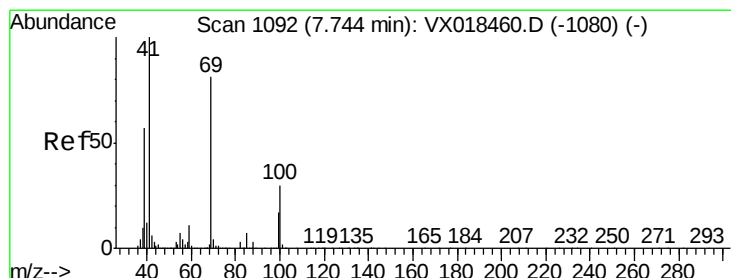
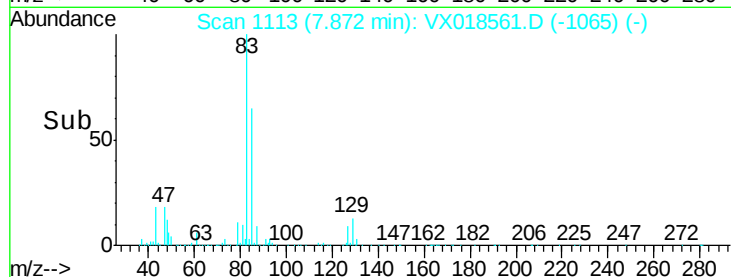
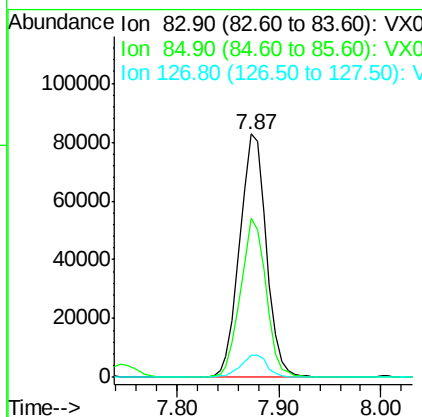
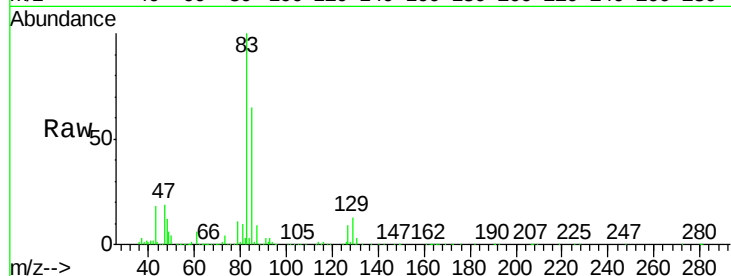
ClientSampleId :

VX0924WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 150683 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 65.2  | 53.3  | 79.9   |
| 127       | 9.3   | 7.4   | 11.2   |

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#48

Methyl methacrylate

Concen: 17.741 ug/l

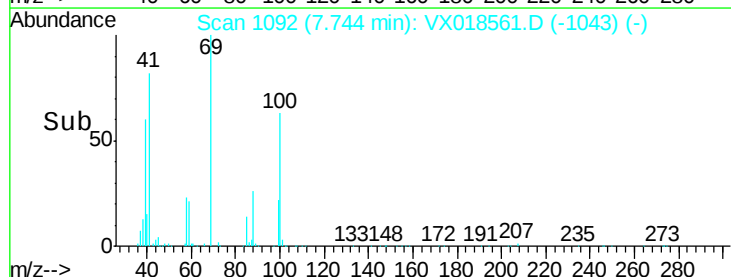
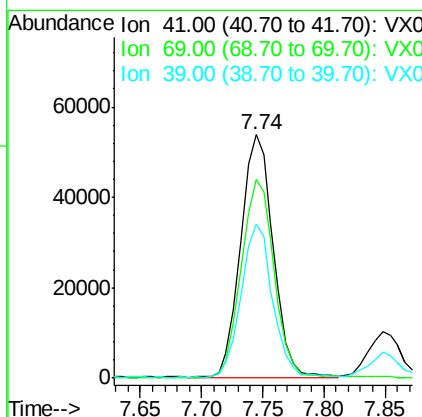
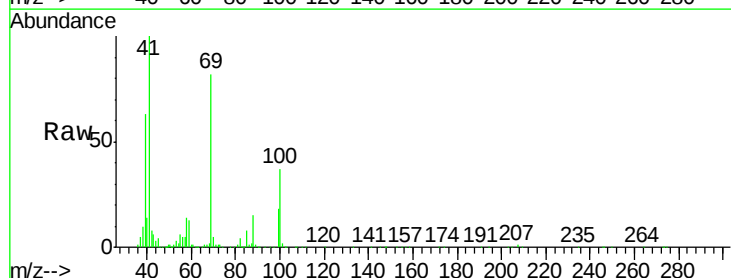
RT: 7.74 min Scan# 1092

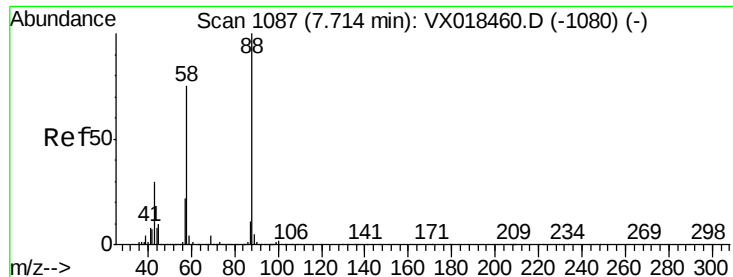
Delta R.T. -0.00 min

Lab File: VX018561.D

Acq: 24 Sep 2020 11:02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 98638 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 69        | 83.7  | 63.7  | 95.5  |
| 39        | 60.7  | 45.0  | 67.4  |





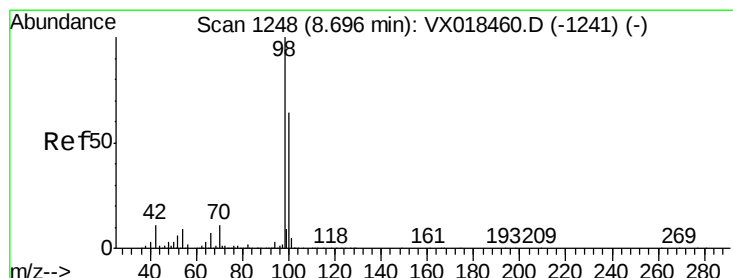
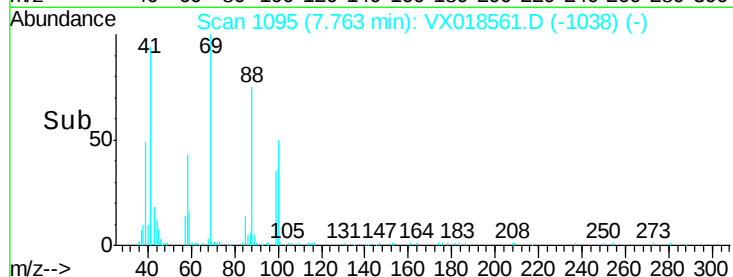
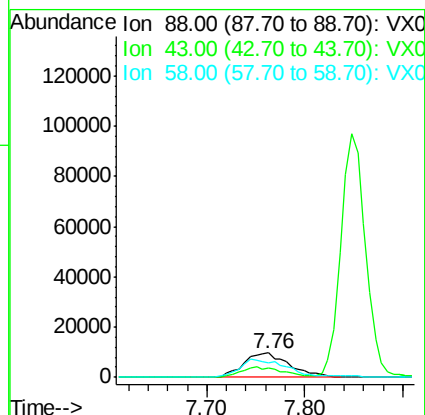
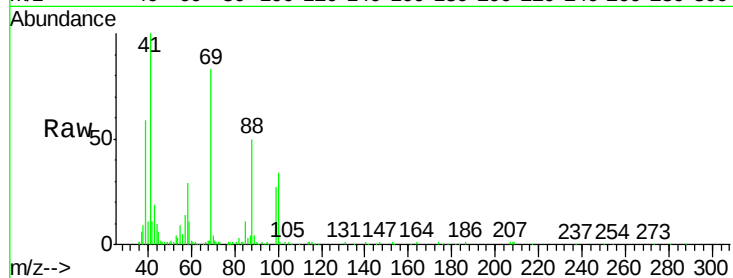
#49  
1,4-Dioxane  
Concen: 346.444 ug/l  
RT: 7.76 min Scan# 1095  
Delta R.T. 0.05 min  
Lab File: VX018561.D  
Acq: 24 Sep 2020 11:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0924WBS01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 88      | 100   |      |       |       |
| 43      | 38.4  | 29.9 | 44.9  |       |
| 58      | 74.4  | 59.0 | 88.6  |       |

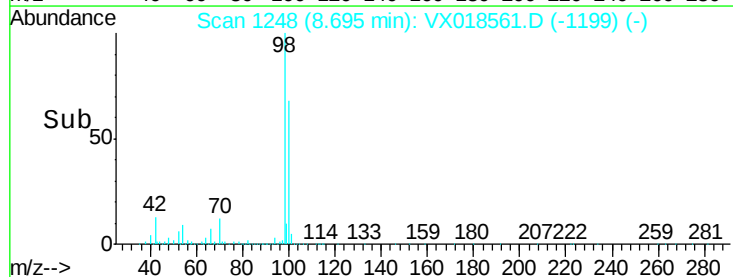
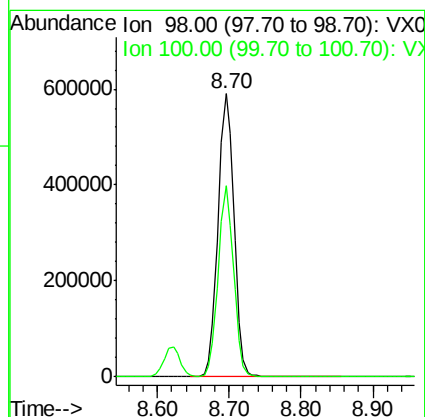
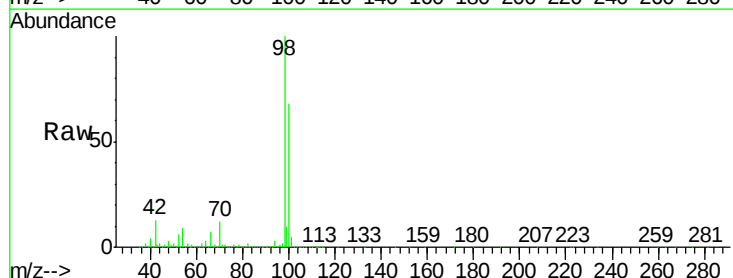
Manual Integrations  
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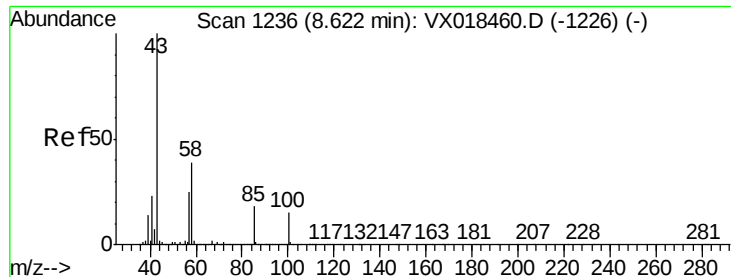
MMDadoda  
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#50  
Toluene-d8  
Concen: 54.378 ug/l  
RT: 8.70 min Scan# 1248  
Delta R.T. -0.00 min  
Lab File: VX018561.D  
Acq: 24 Sep 2020 11:02

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 98      | 100   |      |       |       |
| 100     | 65.4  | 51.7 | 77.5  |       |





#51

4-Methyl-2-Pentanone

Concen: 96.709 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX018561.D

Acq: 24 Sep 2020 11:02

Instrument :

MSVOA\_X

ClientSampleId :

VX0924WBS01

Tot Ion: 43 Resp: 657766

Ion Ratio Lower Upper

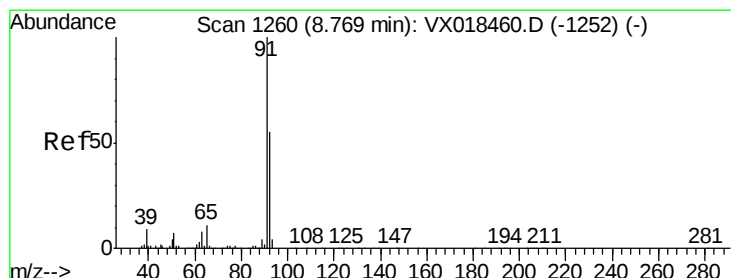
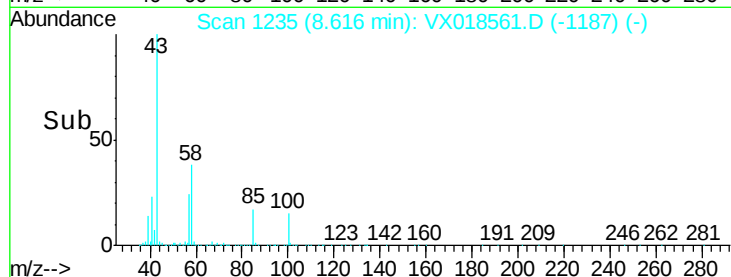
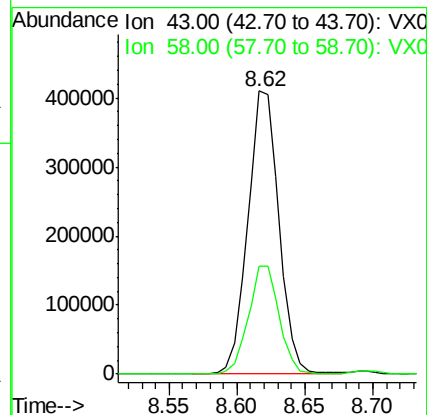
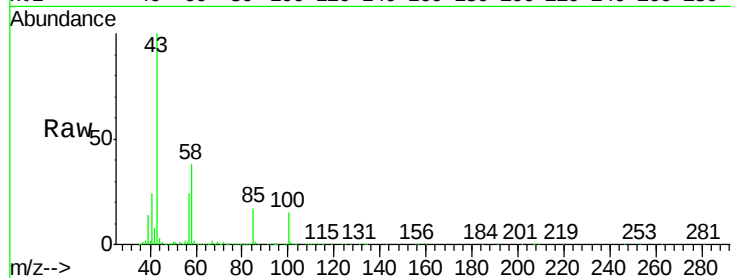
43 100

58 37.6 30.9 46.3

Manual Integrations  
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#52

Toluene

Concen: 20.600 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018561.D

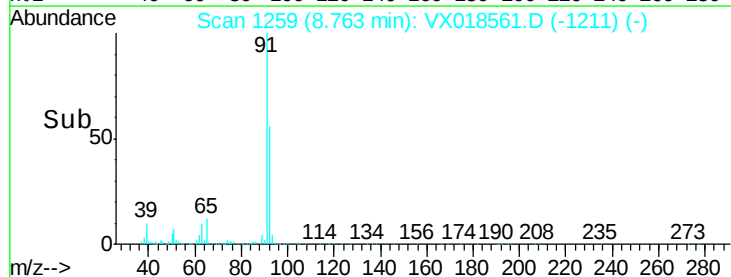
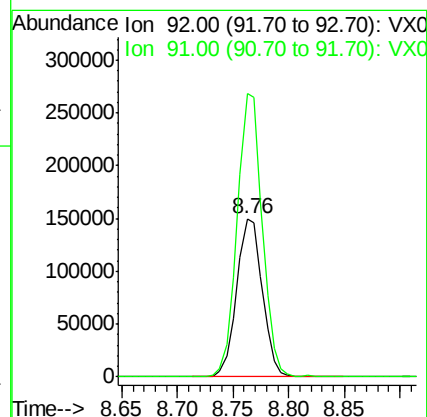
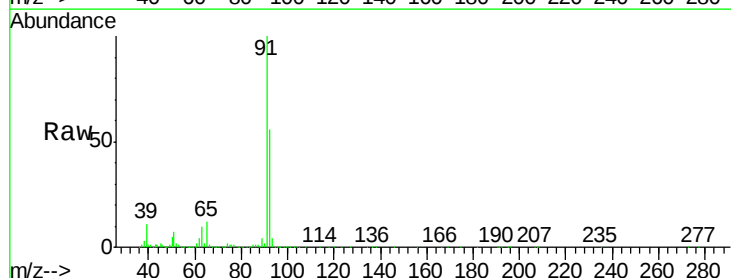
Acq: 24 Sep 2020 11:02

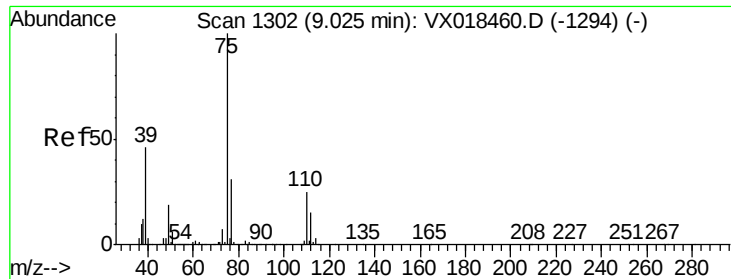
Tgt Ion: 92 Resp: 239483

Ion Ratio Lower Upper

92 100

91 174.7 140.6 210.8





#53

t-1,3-Dichloropropene

Concen: 20.179 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX018561.D

Acq: 24 Sep 2020 11:02

Instrument :

MSVOA\_X

ClientSampleId :

VX0924WBS01

Tot Ion: 75 Resp: 160984

Ion Ratio Lower Upper

75 100

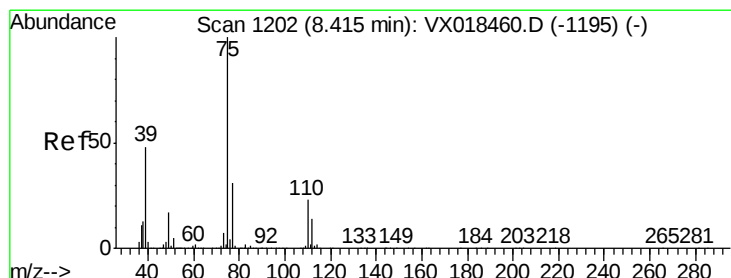
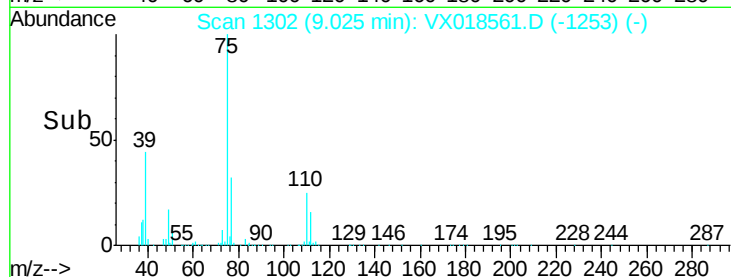
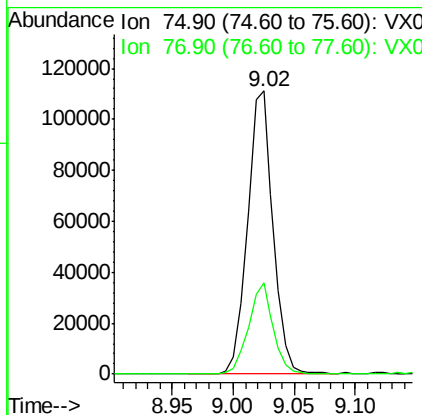
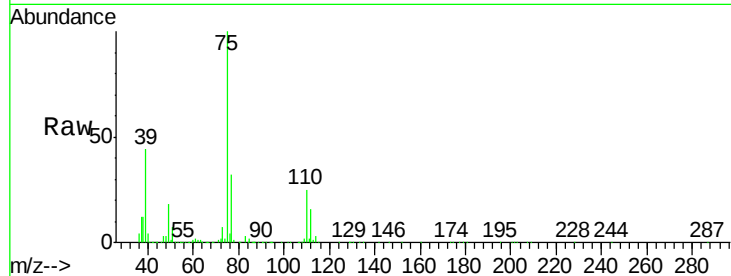
77 32.0 25.1 37.7

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 20.622 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018561.D

Acq: 24 Sep 2020 11:02

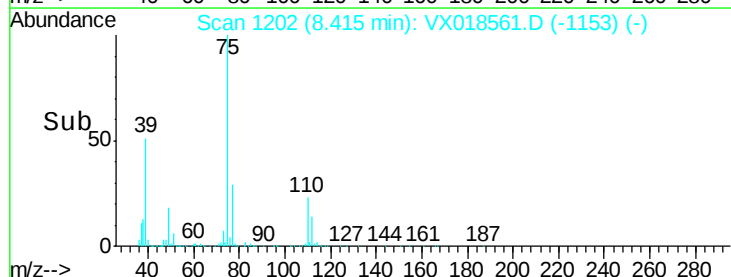
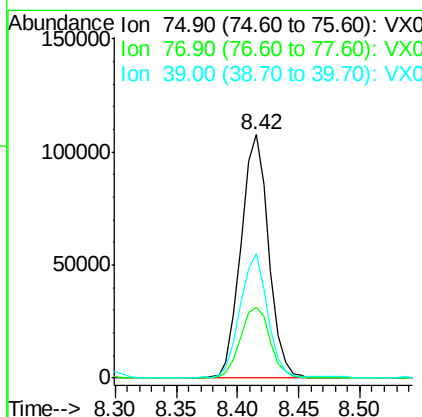
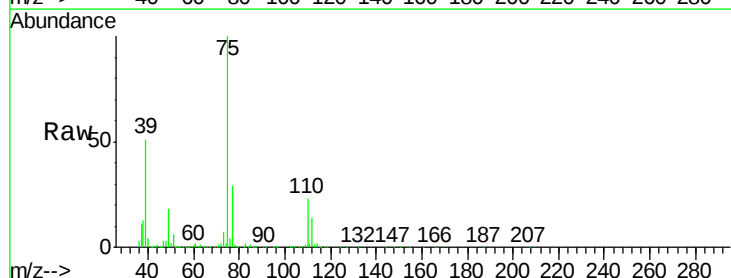
Tgt Ion: 75 Resp: 169485

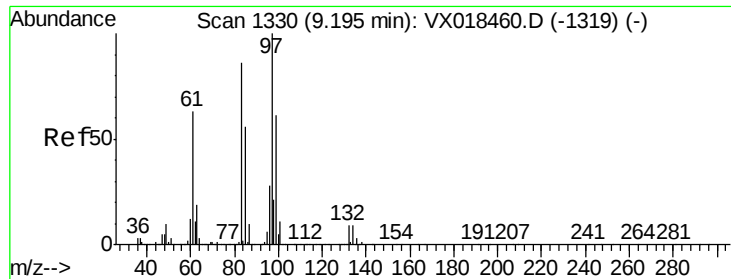
Ion Ratio Lower Upper

75 100

77 29.1 24.8 37.2

39 51.1 38.6 58.0





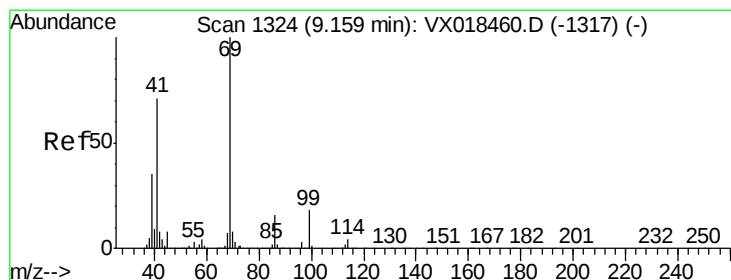
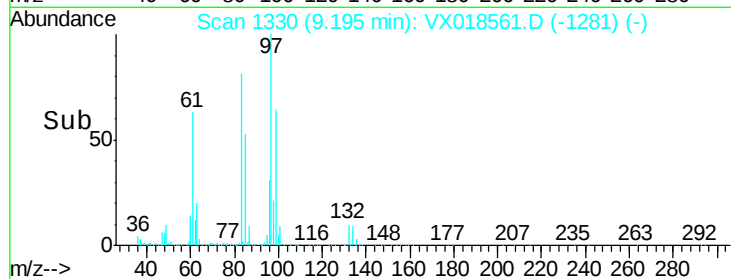
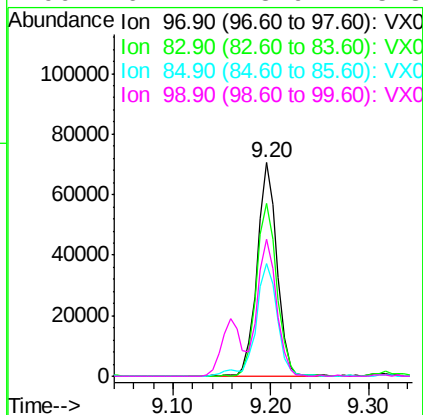
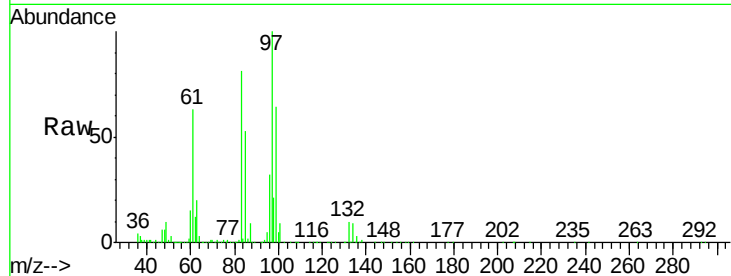
#55  
 1,1,2-Trichloroethane  
 Concen: 20.674 ug/l  
 RT: 9.20 min Scan# 1330  
 Delta R.T. -0.00 min  
 Lab File: VX018561.D  
 Acq: 24 Sep 2020 11:02

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0924WBS01

| Tot Ion | 97    | Resp  | 99728 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 97      | 100   |       |       |
| 83      | 81.0  | 68.5  | 102.7 |
| 85      | 52.4  | 44.8  | 67.2  |
| 99      | 64.1  | 48.9  | 73.3  |

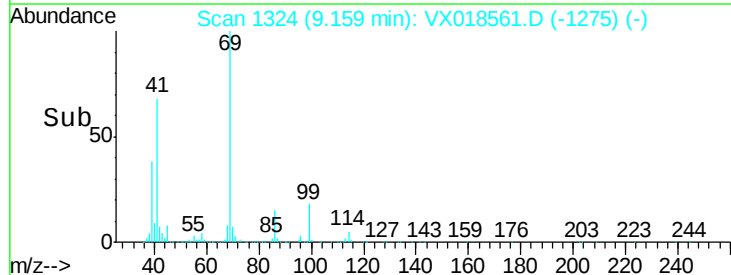
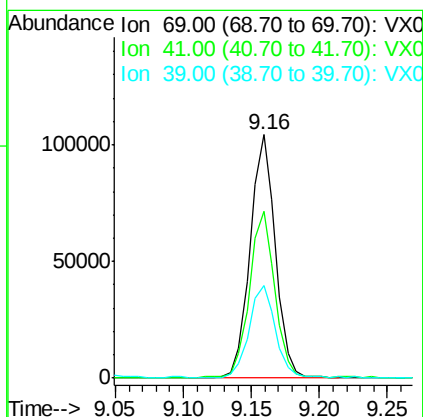
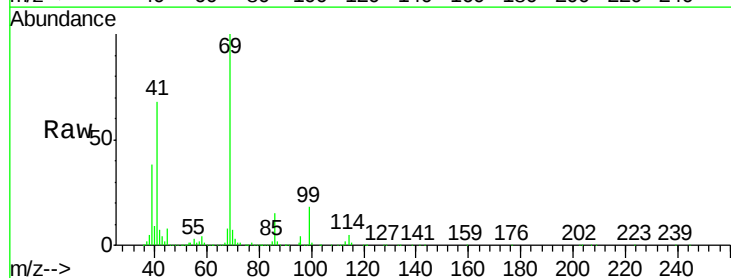
Manual Integrations  
 APPROVED

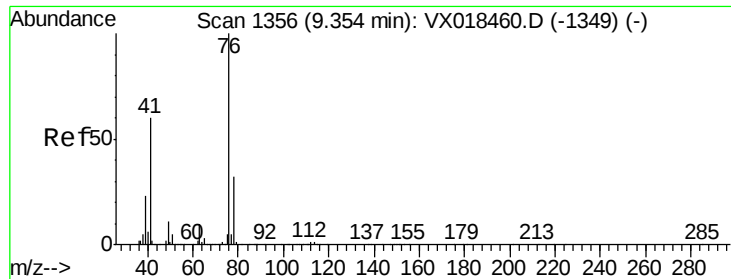
MMDadoda  
 9/28/2020 5:22:25 PM



#56  
 Ethyl methacrylate  
 Concen: 19.046 ug/l  
 RT: 9.16 min Scan# 1324  
 Delta R.T. -0.00 min  
 Lab File: VX018561.D  
 Acq: 24 Sep 2020 11:02

| Tgt Ion | 69    | Resp  | 136231 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 69      | 100   |       |        |
| 41      | 68.8  | 54.6  | 81.8   |
| 39      | 38.8  | 29.3  | 43.9   |





#57

1,3-Dichloropropane

Concen: 19.663 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018561.D

Acq: 24 Sep 2020 11:02

Instrument :

MSVOA\_X

ClientSampleId :

VX0924WBS01

Tot Ion: 76 Resp: 159364

Ion Ratio Lower Upper

76 100

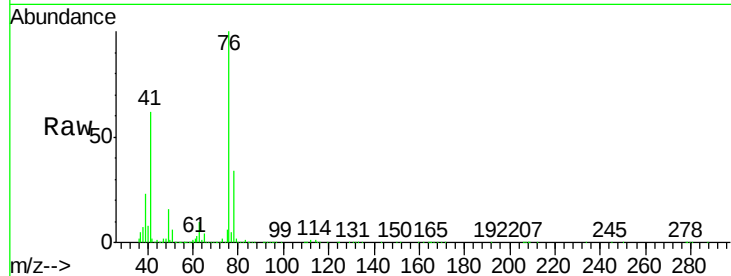
78 33.7 25.6 38.4

Manual Integrations

APPROVED

MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

120000

100000

80000

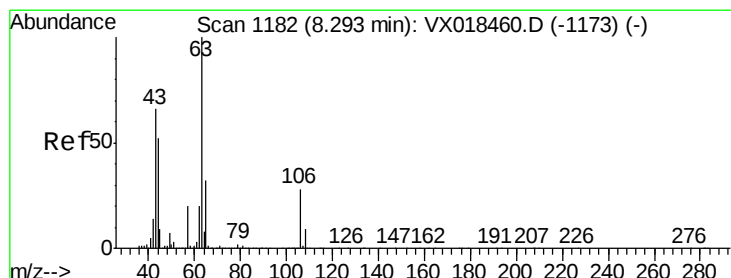
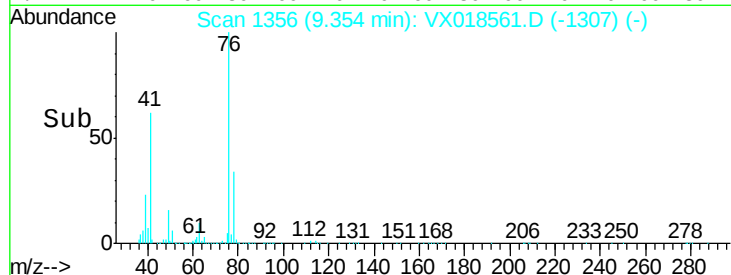
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 95.322 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018561.D

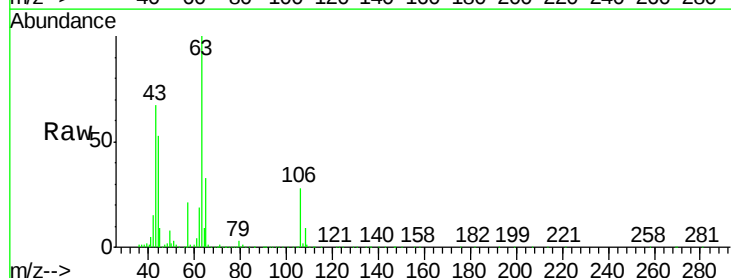
Acq: 24 Sep 2020 11:02

Tgt Ion: 63 Resp: 362496

Ion Ratio Lower Upper

63 100

106 28.9 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

250000

200000

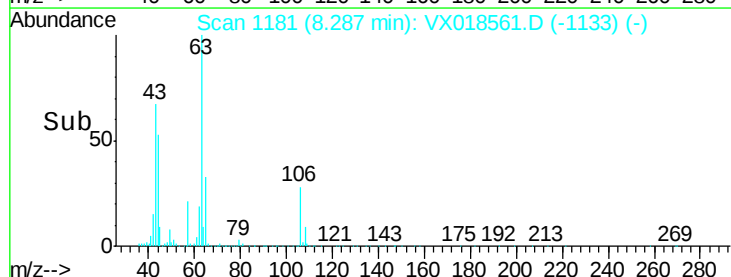
150000

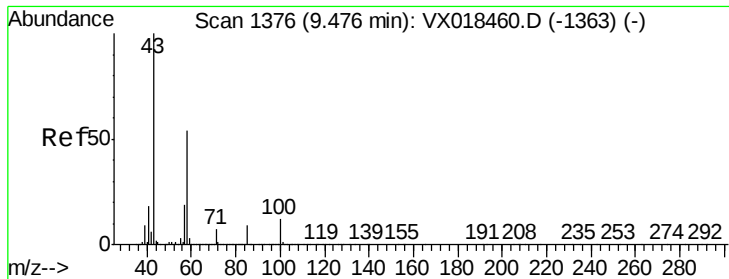
100000

50000

0

Time-->





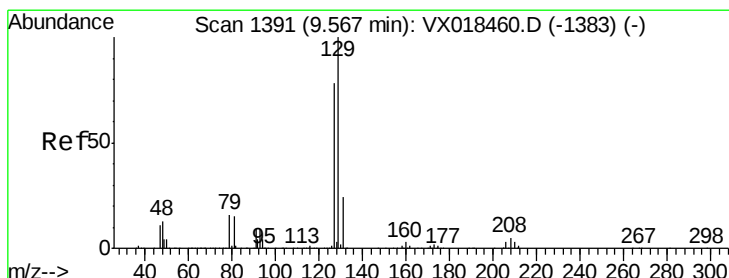
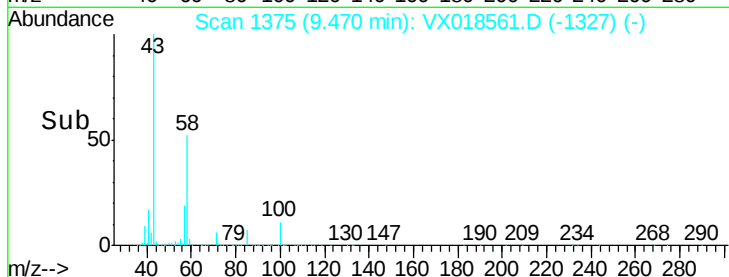
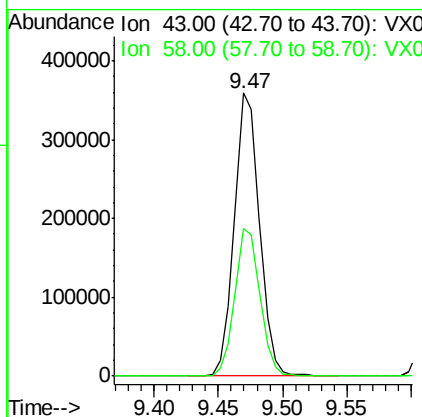
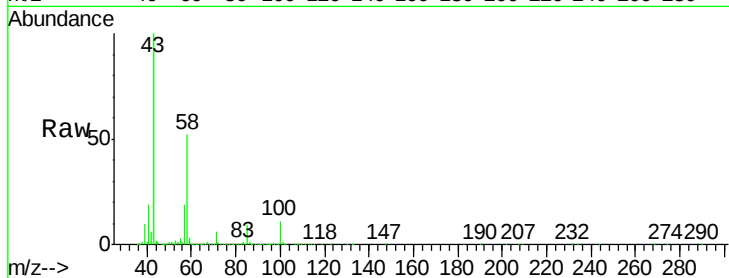
#59  
2-Hexanone  
Concen: 94.869 ug/l  
RT: 9.47 min Scan# 1375  
Delta R.T. -0.01 min  
Lab File: VX018561.D  
Acq: 24 Sep 2020 11:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0924WBS01

Tot Ion: 43 Resp: 490783  
Ion Ratio Lower Upper  
43 100  
58 52.4 26.5 79.4

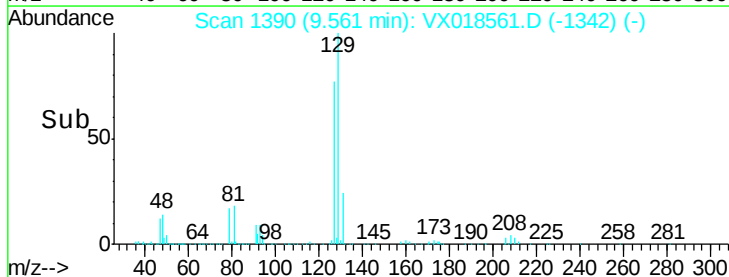
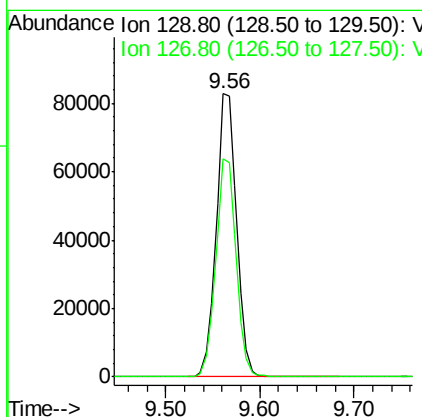
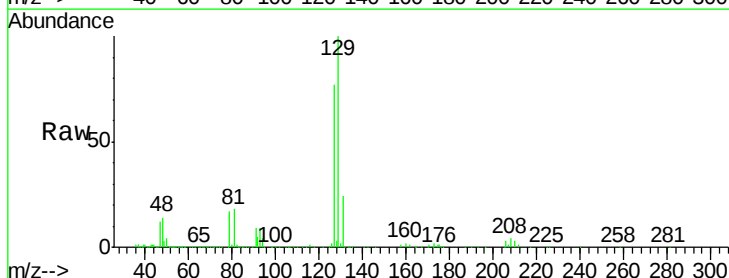
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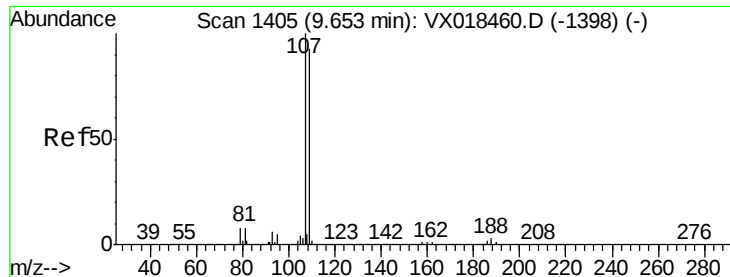
MMDadoda  
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#60  
Dibromochloromethane  
Concen: 21.498 ug/l  
RT: 9.56 min Scan# 1390  
Delta R.T. -0.01 min  
Lab File: VX018561.D  
Acq: 24 Sep 2020 11:02

Tgt Ion: 129 Resp: 123655  
Ion Ratio Lower Upper  
129 100  
127 77.2 39.0 117.0





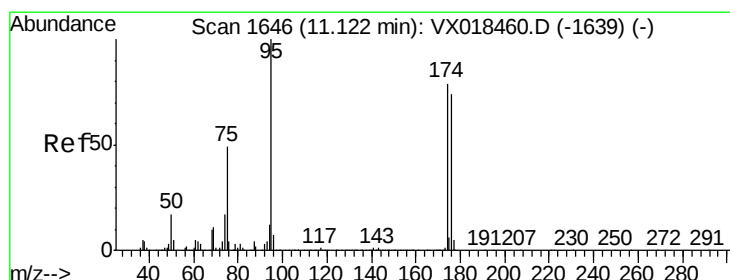
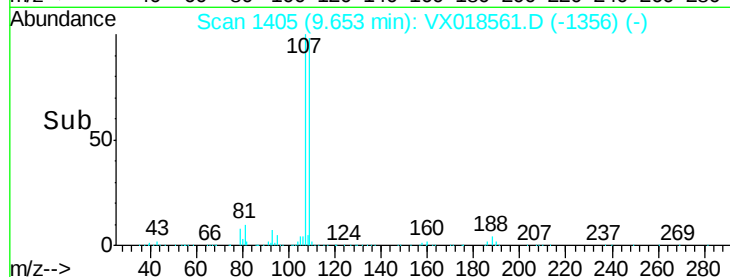
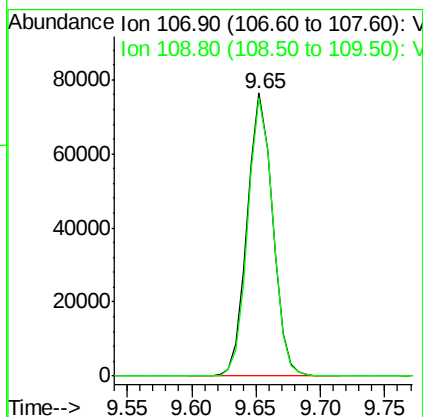
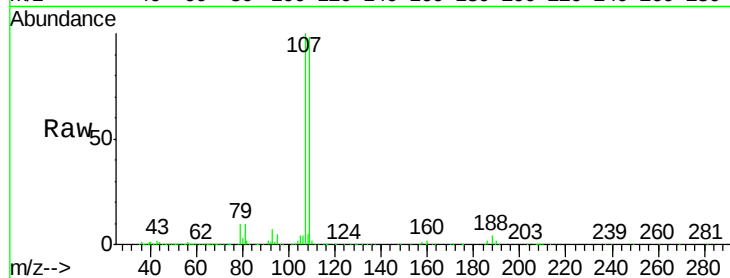
#61  
 1,2-Dibromoethane  
 Concen: 20.275 ug/l  
 RT: 9.65 min Scan# 1405  
 Delta R.T. -0.00 min  
 Lab File: VX018561.D  
 Acq: 24 Sep 2020 11:02

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0924WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 97.0  | 75.9  | 113.9 |

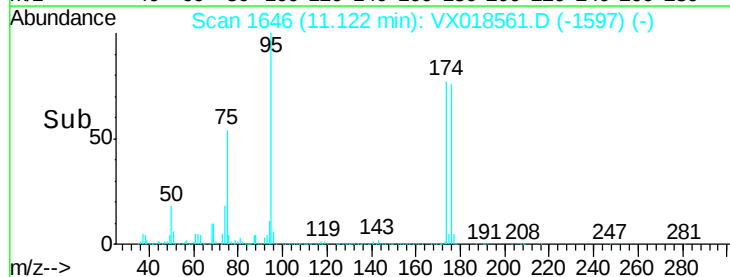
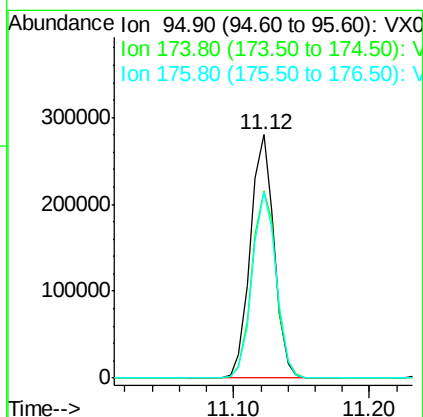
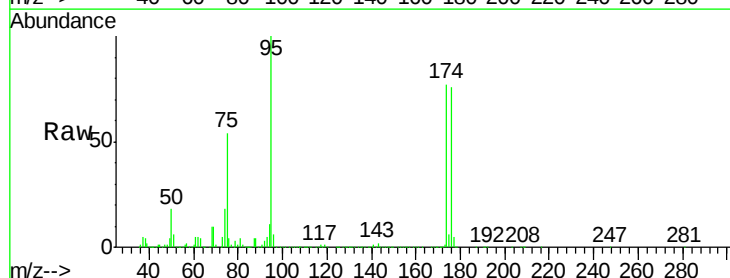
Manual Integrations  
 APPROVED

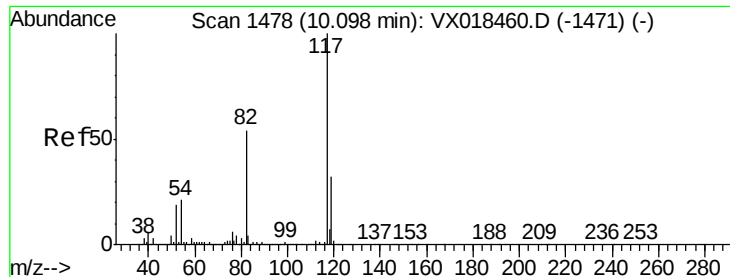
MMDadoda  
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#62  
 4-Bromofluorobenzene  
 Concen: 51.646 ug/l  
 RT: 11.12 min Scan# 1646  
 Delta R.T. -0.00 min  
 Lab File: VX018561.D  
 Acq: 24 Sep 2020 11:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 79.5  | 0.0   | 161.4 |
| 176     | 77.9  | 0.0   | 151.4 |





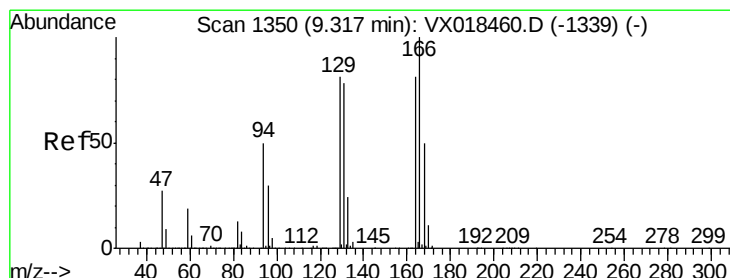
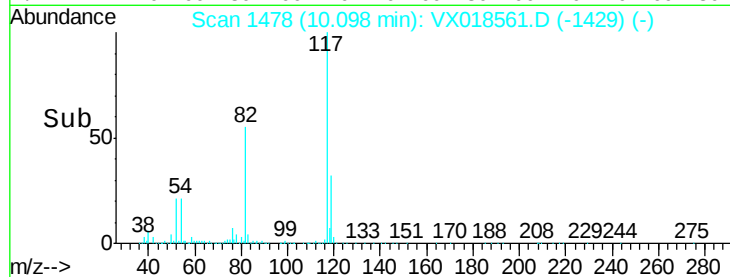
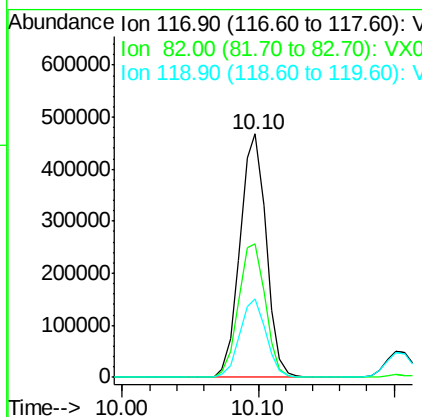
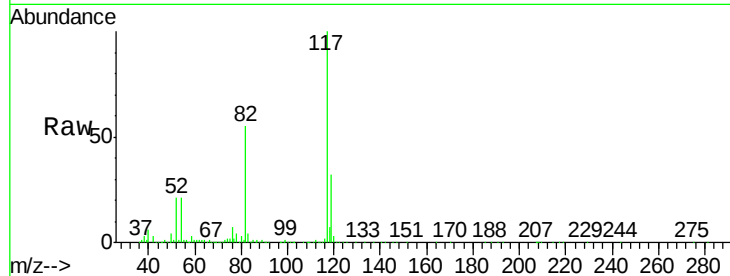
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. -0.00 min  
Lab File: VX018561.D  
Acq: 24 Sep 2020 11:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0924WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 55.1  | 43.3  | 64.9  |
| 119     | 32.1  | 25.9  | 38.9  |

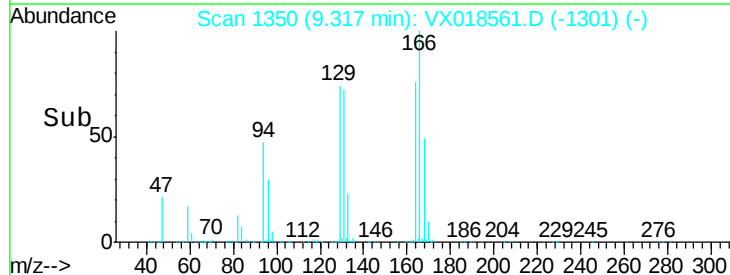
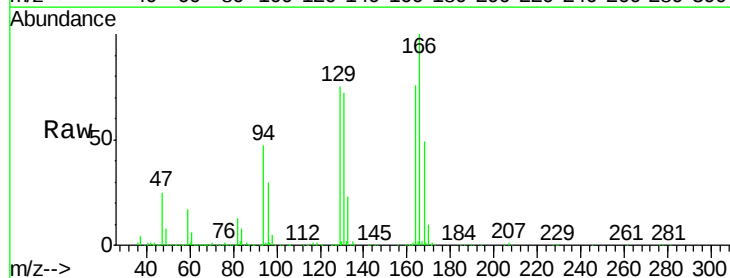
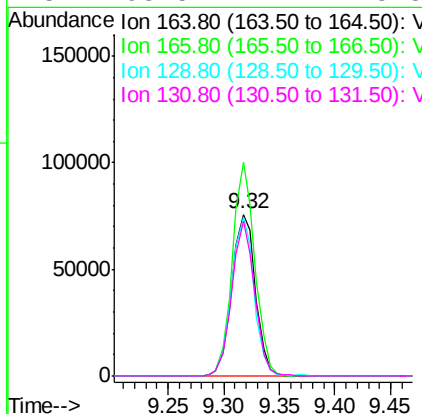
Manual Integrations  
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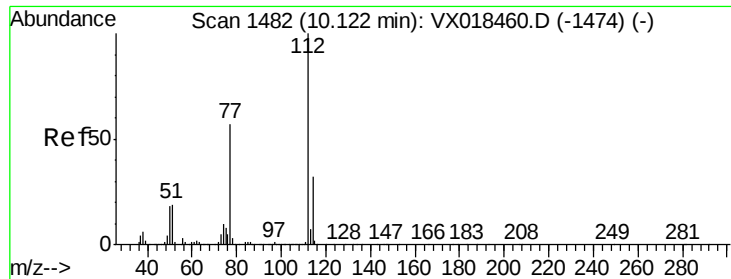
MMDadoda  
9/28/2020 5:22:25 PM



#64  
Tetrachloroethene  
Concen: 22.502 ug/l  
RT: 9.32 min Scan# 1350  
Delta R.T. -0.00 min  
Lab File: VX018561.D  
Acq: 24 Sep 2020 11:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 132.1 | 99.3  | 148.9 |
| 129     | 98.5  | 80.7  | 121.1 |
| 131     | 95.5  | 77.2  | 115.8 |





#65

Chlorobenzene

Concen: 20.224 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018561.D

Acq: 24 Sep 2020 11:02

Instrument :

MSVOA\_X

ClientSampleId :

VX0924WBS01

Tot Ion:112 Resp: 261640

Ion Ratio Lower Upper

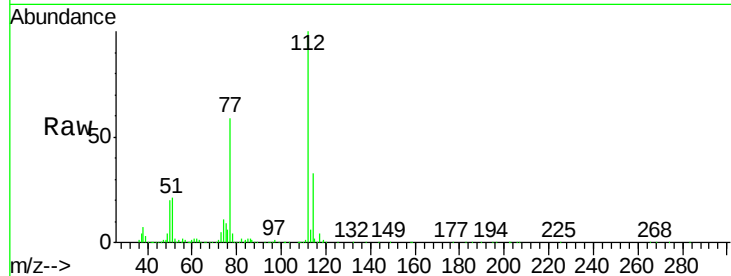
112 100

114 33.5 25.4 38.0

Manual Integrations  
APPROVED

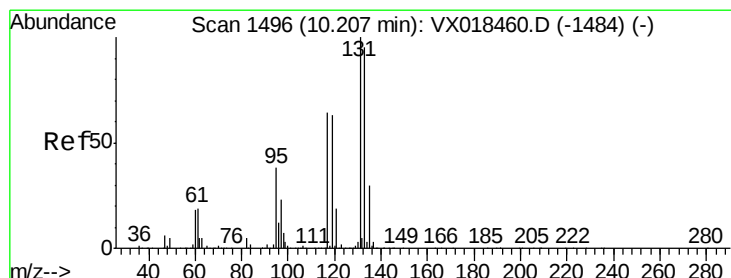
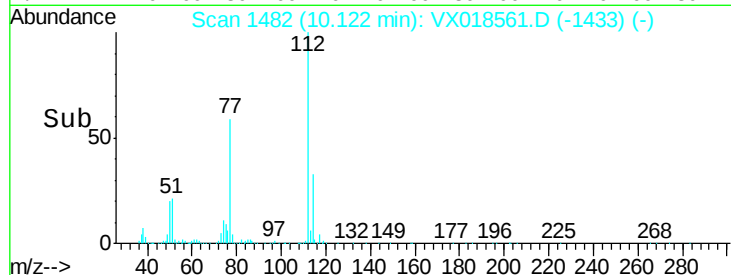
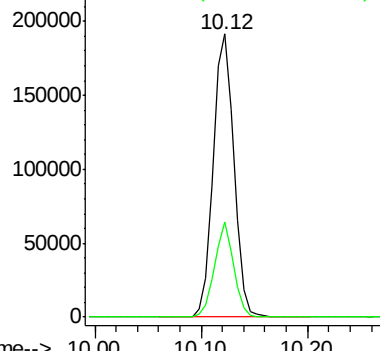
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.378 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX018561.D

Acq: 24 Sep 2020 11:02

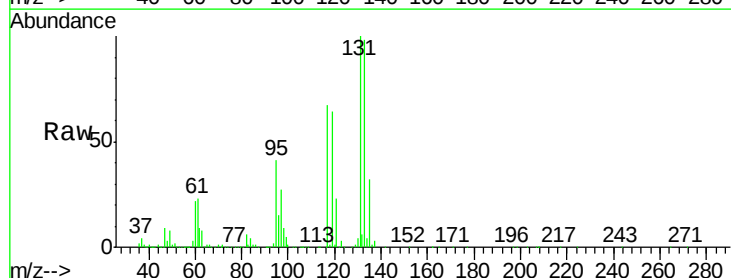
Tgt Ion:131 Resp: 105761

Ion Ratio Lower Upper

131 100

133 97.0 47.8 143.4

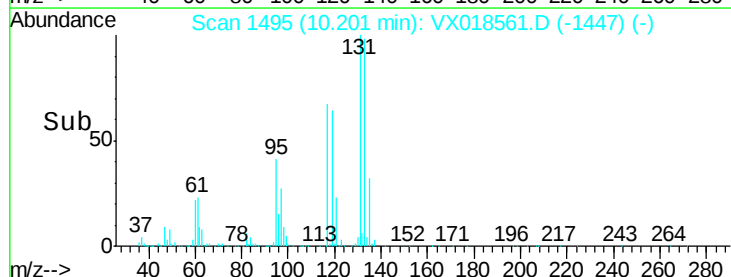
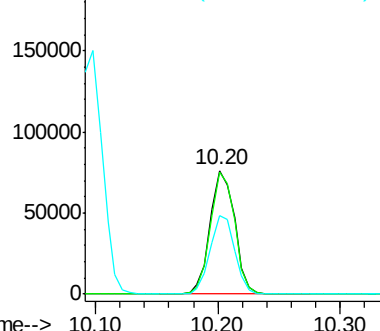
119 63.4 31.9 95.7

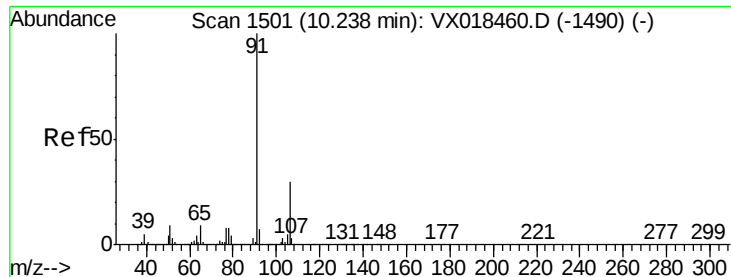


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





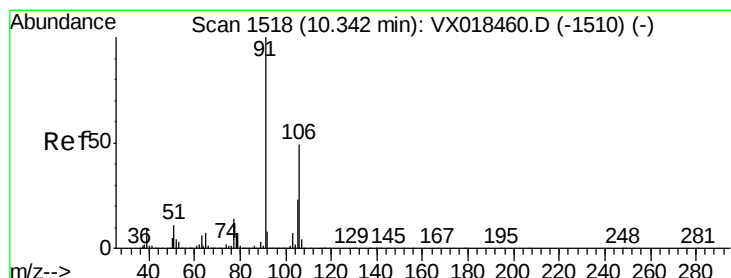
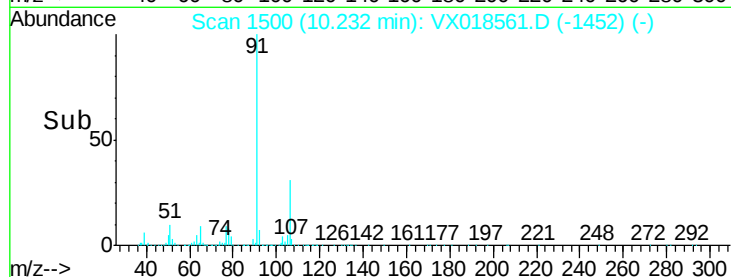
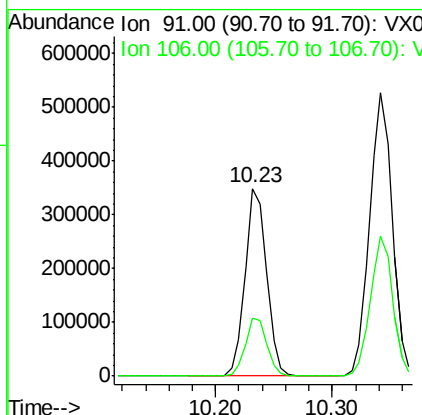
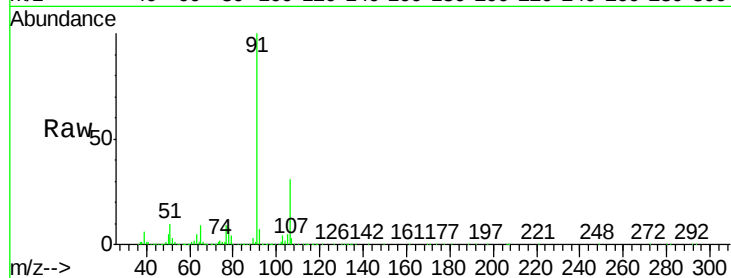
#67  
Ethyl Benzene  
Concen: 20.227 ug/l  
RT: 10.23 min Scan# 1500  
Delta R.T. -0.01 min  
Lab File: VX018561.D  
Acq: 24 Sep 2020 11:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0924WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 106     | 30.7  | 24.1  | 36.1  |

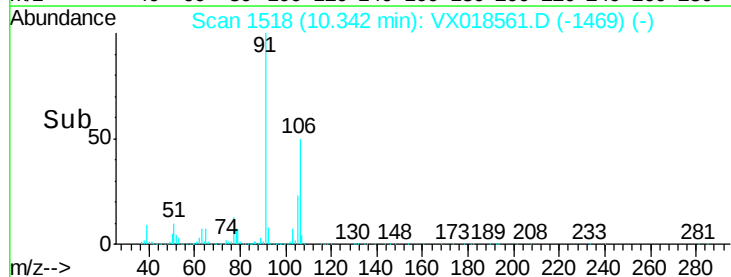
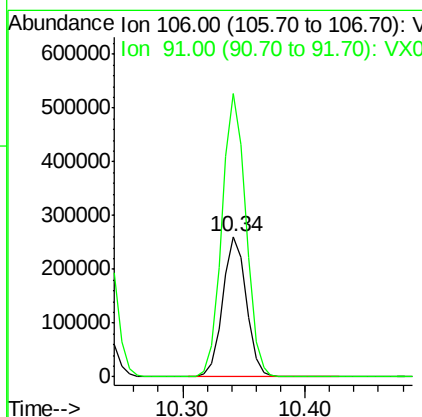
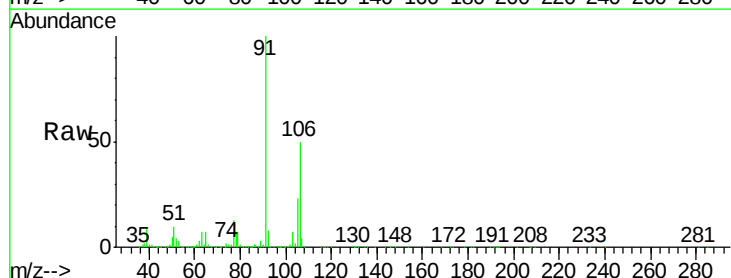
Manual Integrations  
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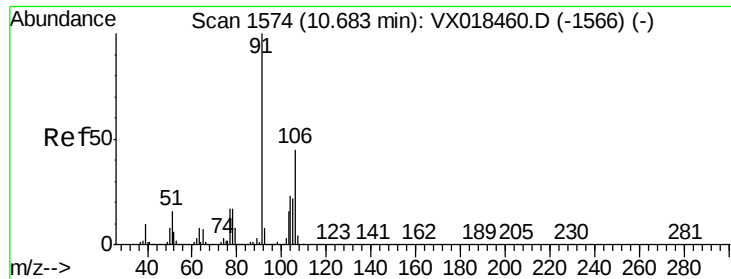
MMDadoda  
9/28/2020 5:22:25 PM



#68  
m/p-Xylenes  
Concen: 41.059 ug/l  
RT: 10.34 min Scan# 1518  
Delta R.T. -0.00 min  
Lab File: VX018561.D  
Acq: 24 Sep 2020 11:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 205.6 | 163.8 | 245.6 |





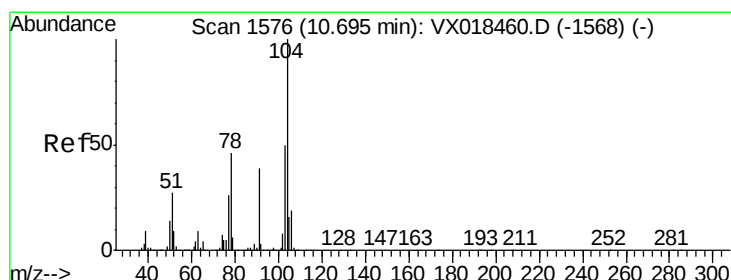
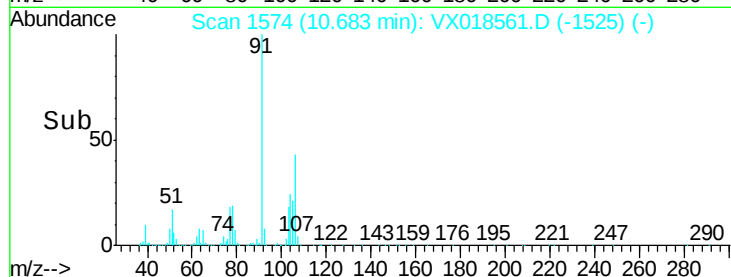
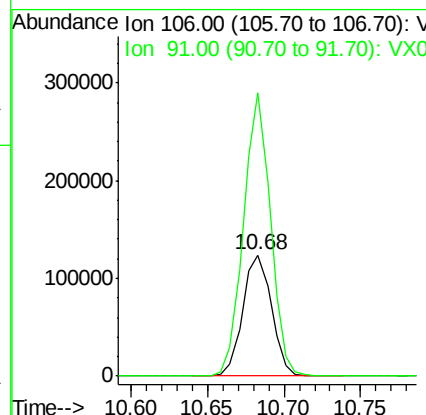
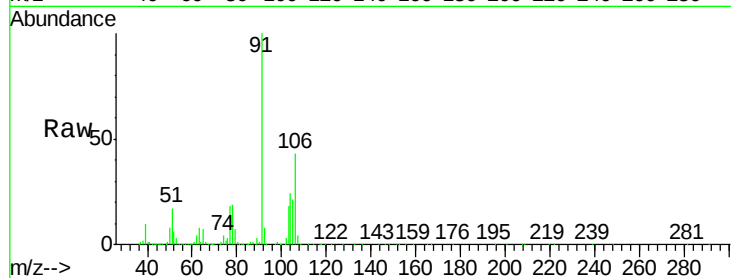
#69  
o-Xylene  
Concen: 20.210 ug/l  
RT: 10.68 min Scan# 1574  
Delta R.T. -0.00 min  
Lab File: VX018561.D  
Acq: 24 Sep 2020 11:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0924WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 218.5 | 109.7 | 329.0 |

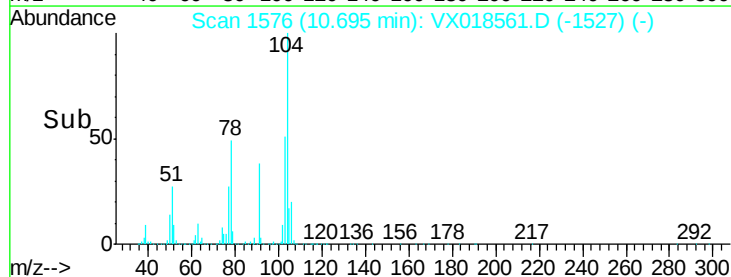
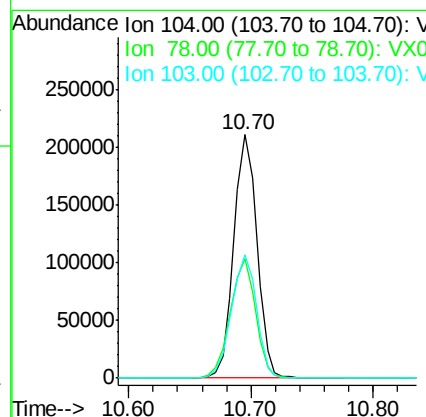
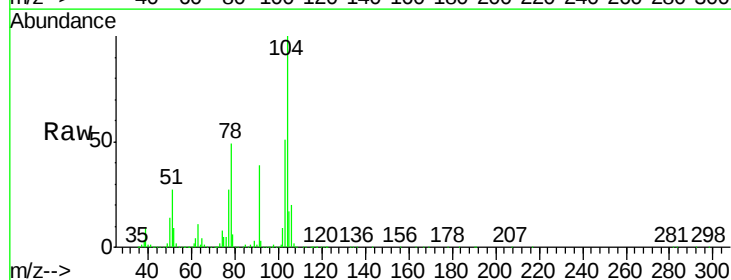
Manual Integrations  
APPROVED

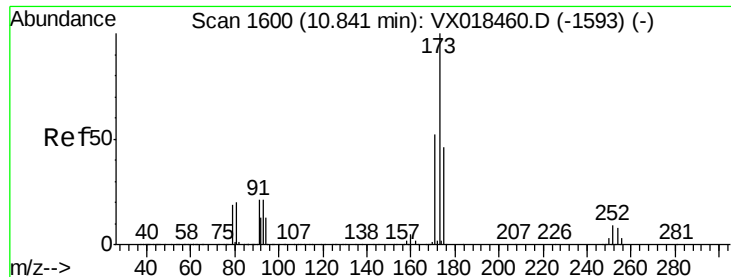
MMDadoda  
9/28/2020 5:22:25 PM



#70  
Styrene  
Concen: 19.976 ug/l  
RT: 10.70 min Scan# 1576  
Delta R.T. -0.00 min  
Lab File: VX018561.D  
Acq: 24 Sep 2020 11:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 53.7  | 40.5  | 60.7  |
| 103     | 54.8  | 43.2  | 64.8  |





#71

Bromoform

Concen: 19.733 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018561.D

Acq: 24 Sep 2020 11:02

Instrument :

MSVOA\_X

ClientSampleId :

VX0924WBS01

Tot Ion:173 Resp: 85988

Ion Ratio Lower Upper

173 100

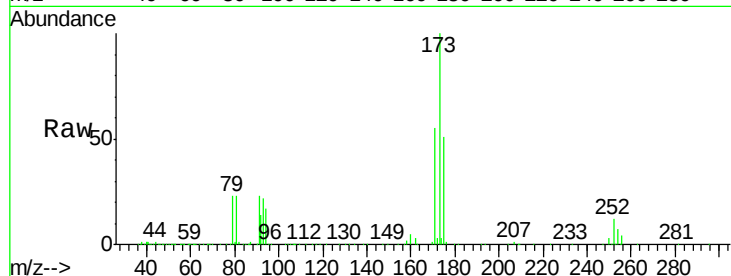
175 47.8 23.6 70.8

254 0.1 0.1 0.1

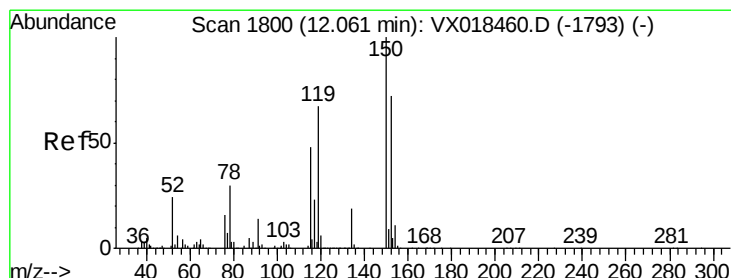
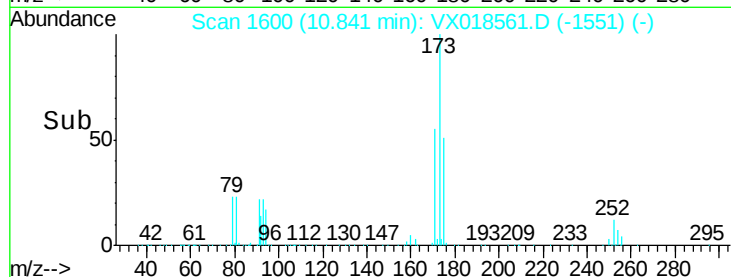
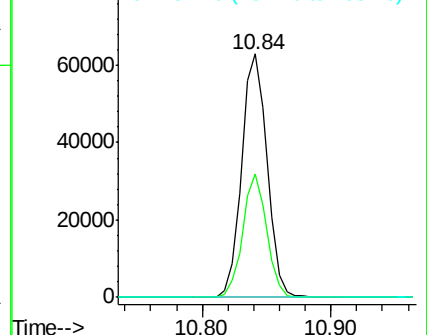
Manual Integrations  
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Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018561.D

Acq: 24 Sep 2020 11:02

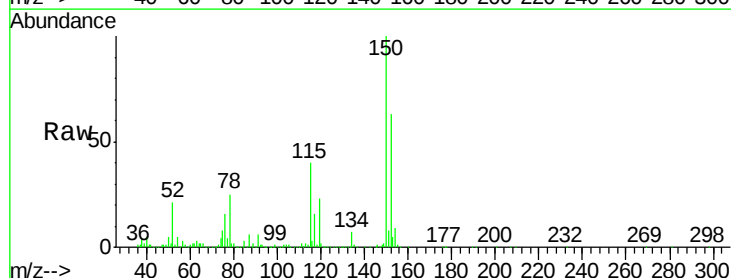
Tgt Ion:152 Resp: 337179

Ion Ratio Lower Upper

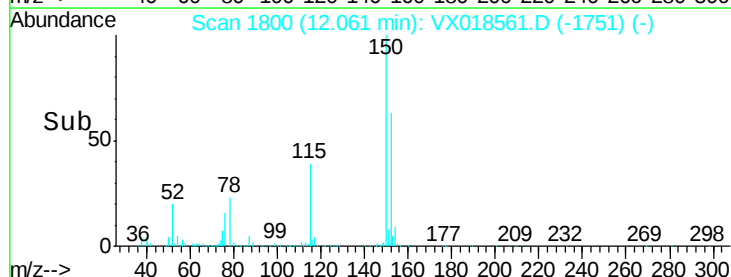
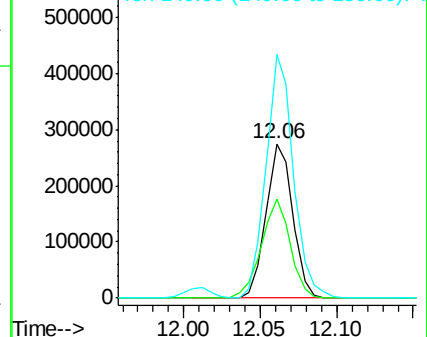
152 100

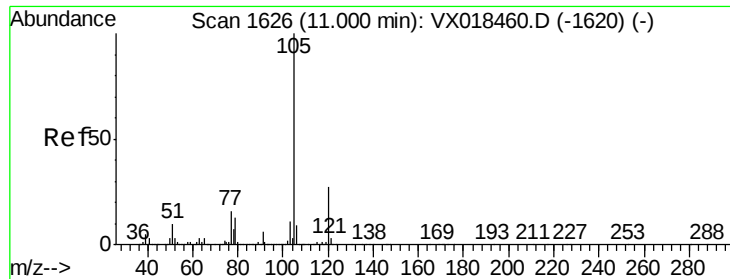
115 68.9 41.8 125.4

150 162.0 0.0 342.4



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.244 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX018561.D

Acq: 24 Sep 2020 11:02

Instrument :

MSVOA\_X

ClientSampleId :

VX0924WBS01

Tot Ion: 105 Resp: 456004

Ion Ratio Lower Upper

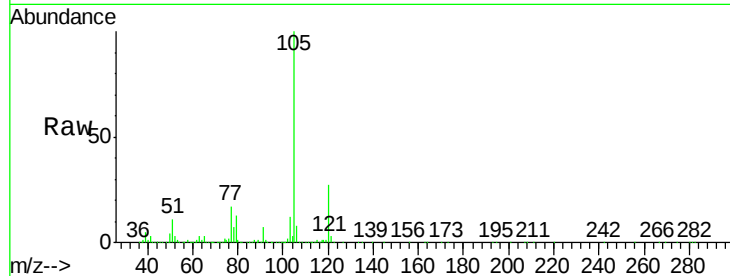
105 100

120 26.6 13.4 40.2

Manual Integrations  
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

400000

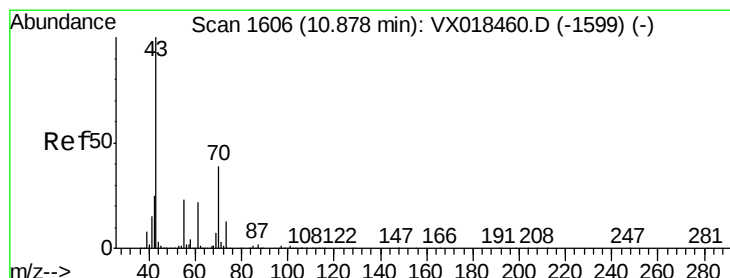
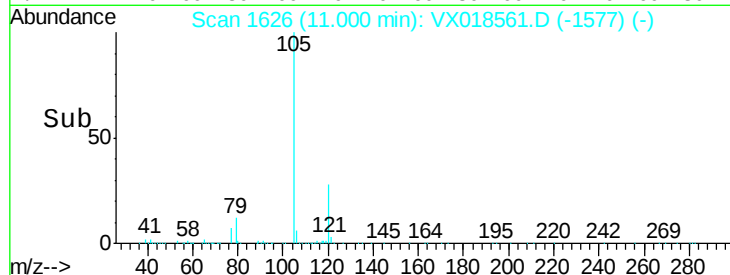
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 17.218 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX018561.D

Acq: 24 Sep 2020 11:02

Tgt Ion: 43 Resp: 174601

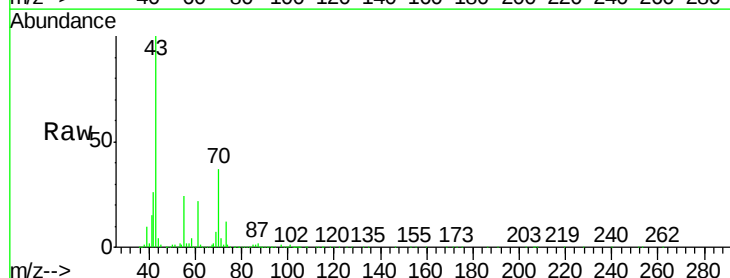
Ion Ratio Lower Upper

43 100

70 39.6 32.2 48.4

55 24.8 18.8 28.2

61 22.8 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

200000

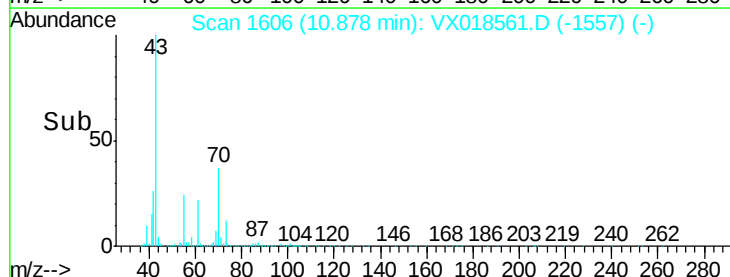
150000

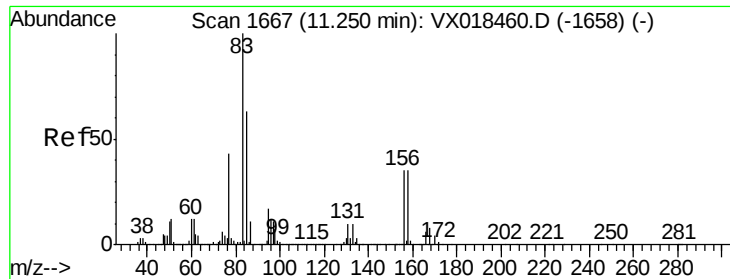
100000

50000

0

Time--> 10.80 10.90





#75

1,1,2,2-Tetrachloroethane

Concen: 18.487 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018561.D

Acq: 24 Sep 2020 11:02

Instrument :

MSVOA\_X

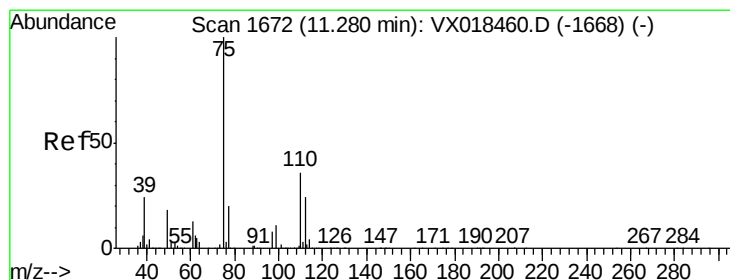
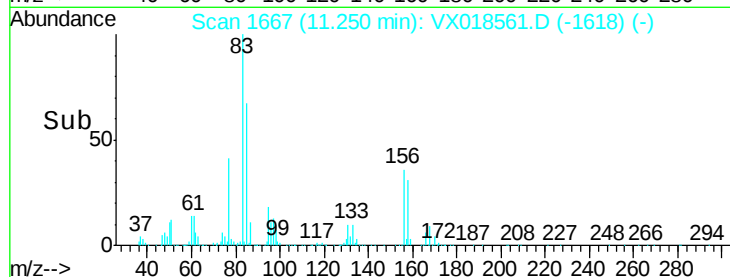
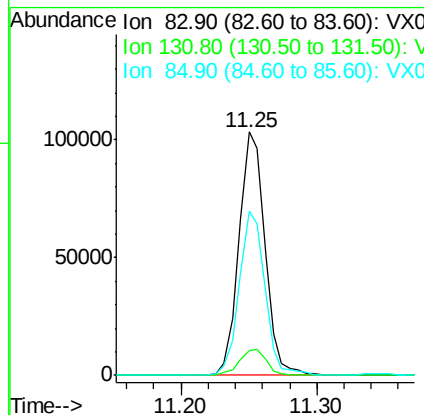
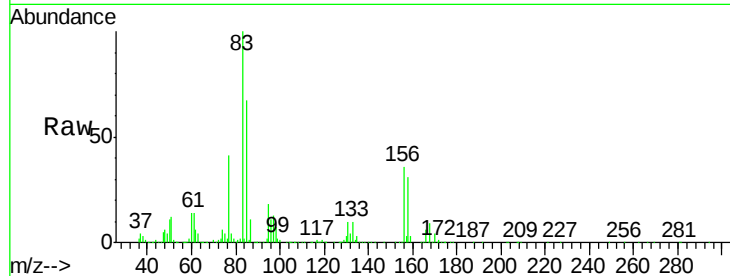
ClientSampled :

VX0924WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 137830 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 11.1  | 5.1   | 15.4   |
| 85        | 66.6  | 31.8  | 95.4   |

Manual Integrations  
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#76

1,2,3-Trichloropropane

Concen: 18.623 ug/l m

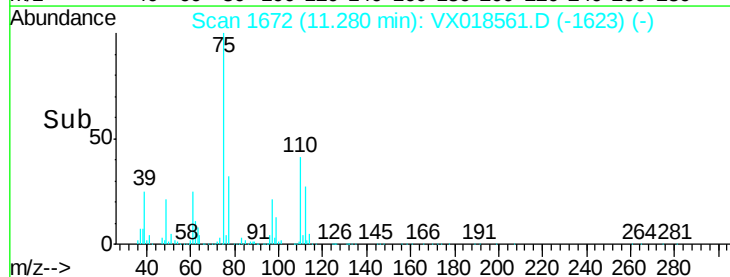
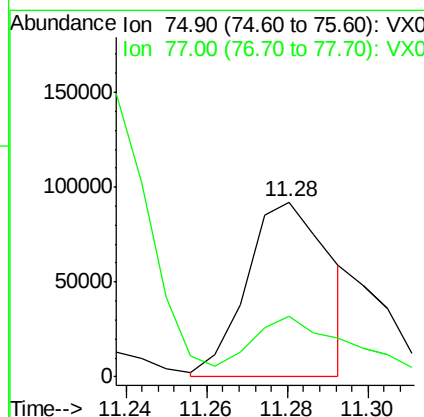
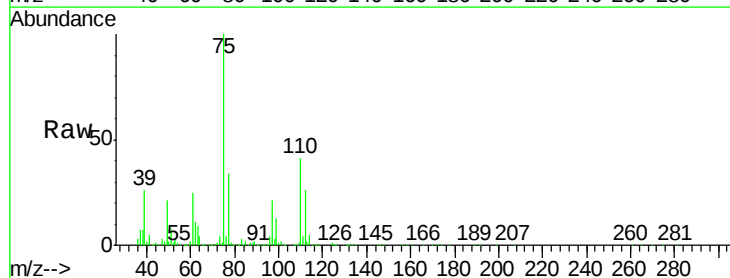
RT: 11.28 min Scan# 1672

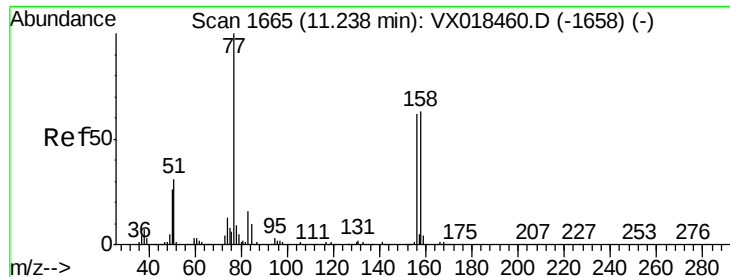
Delta R.T. -0.00 min

Lab File: VX018561.D

Acq: 24 Sep 2020 11:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 131952 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 40.6  | 20.9  | 62.7   |





#77

Bromobenzene

Concen: 18.713 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018561.D

Acq: 24 Sep 2020 11:02

Instrument :

MSVOA\_X

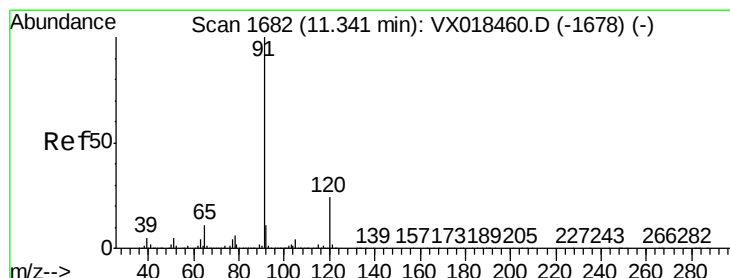
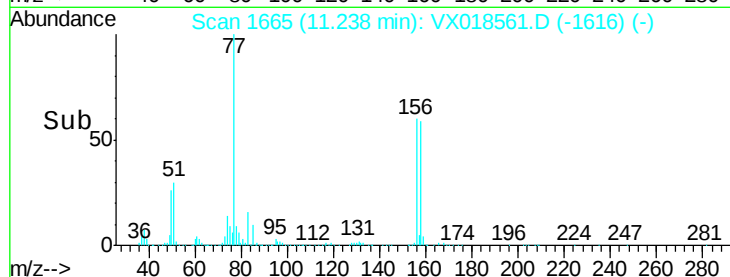
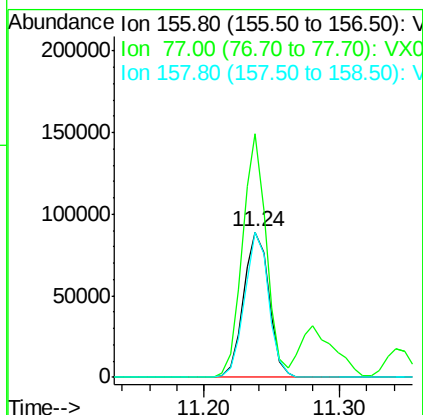
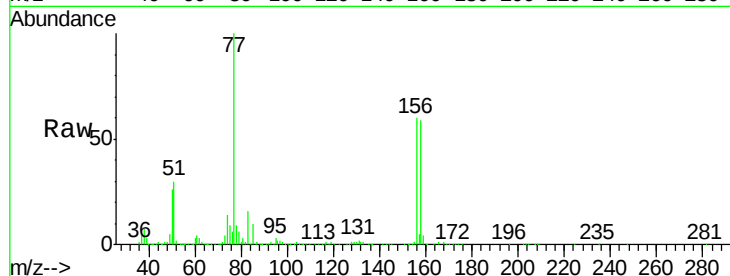
ClientSampleId :

VX0924WBS01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 156   | Resp: | 116303 |
| Ion      | Ratio | Lower | Upper  |
| 156      | 100   |       |        |
| 77       | 156.6 | 78.8  | 236.5  |
| 158      | 94.8  | 48.4  | 145.3  |

Manual Integrations  
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#78

n-propylbenzene

Concen: 19.854 ug/l

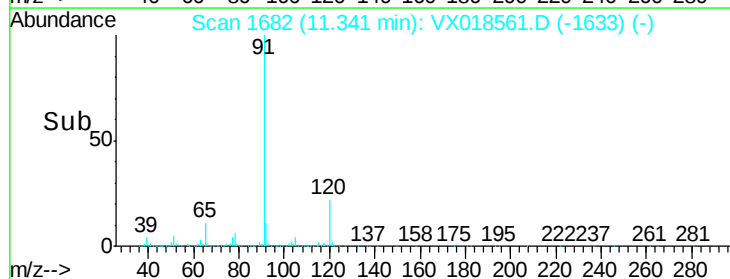
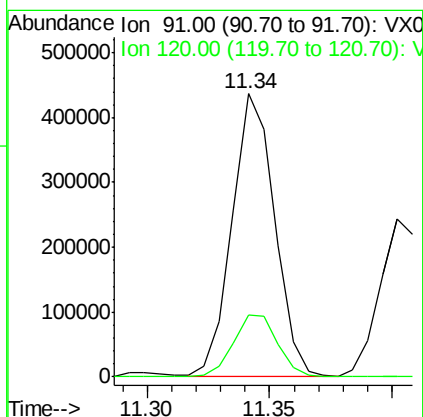
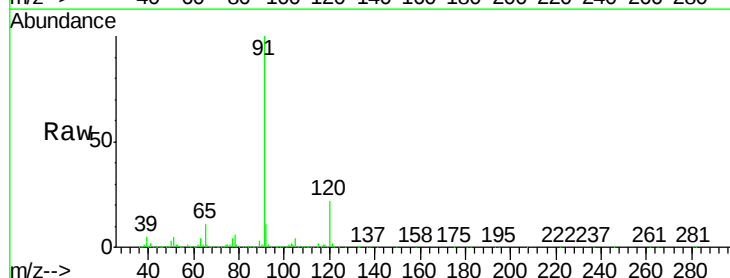
RT: 11.34 min Scan# 1682

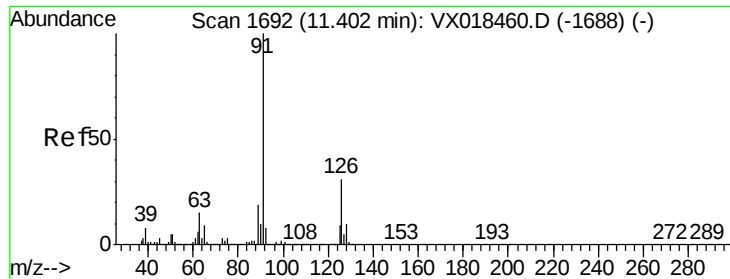
Delta R.T. -0.00 min

Lab File: VX018561.D

Acq: 24 Sep 2020 11:02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 523461 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 120      | 23.3  | 11.8  | 35.3   |





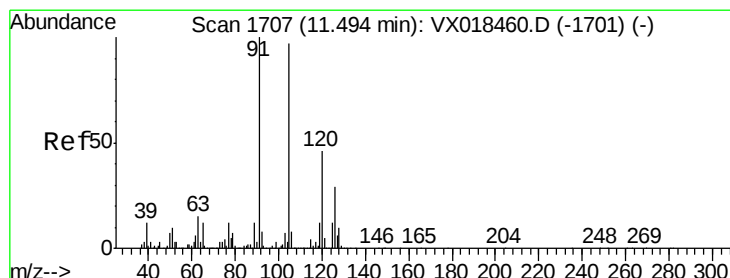
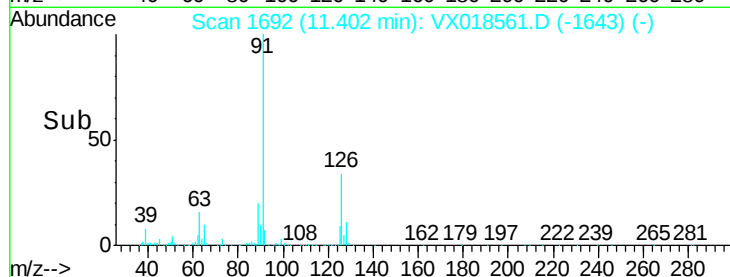
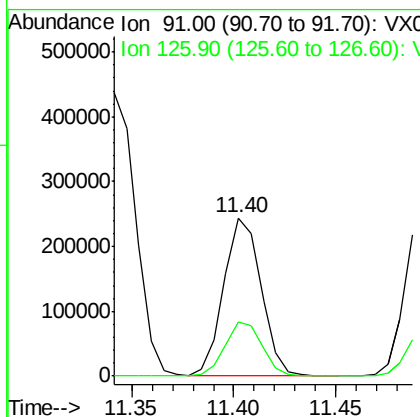
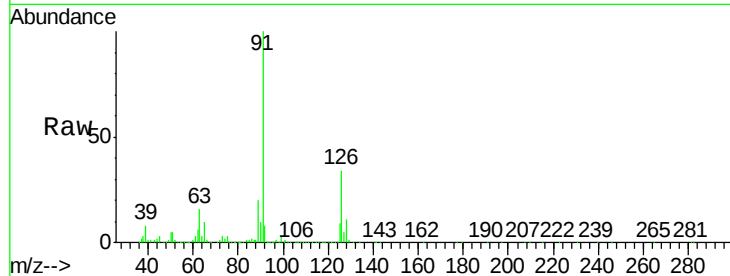
#79  
 2-Chlorotoluene  
 Concen: 19.324 ug/l  
 RT: 11.40 min Scan# 1692  
 Delta R.T. -0.00 min  
 Lab File: VX018561.D  
 Acq: 24 Sep 2020 11:02

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0924WBS01

Tot Ion: 91 Resp: 308402  
 Ion Ratio Lower Upper  
 91 100  
 126 34.4 16.6 49.7

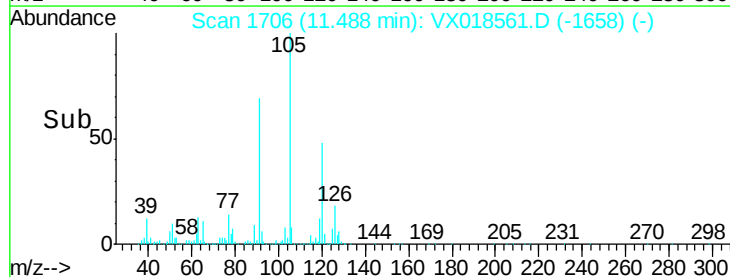
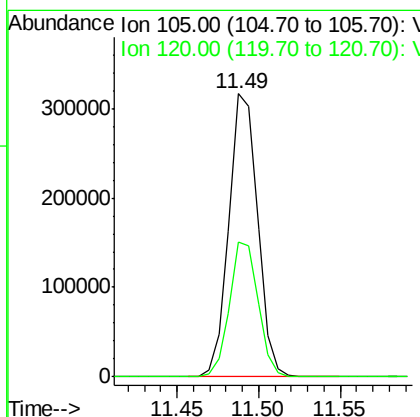
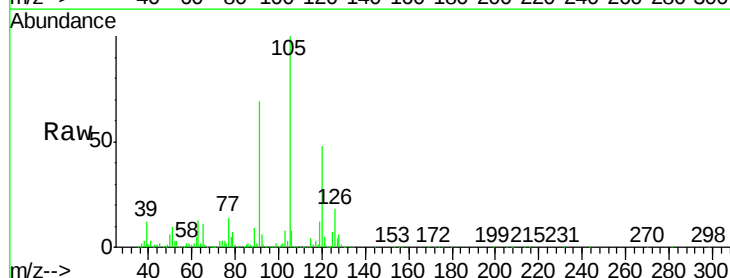
Manual Integrations  
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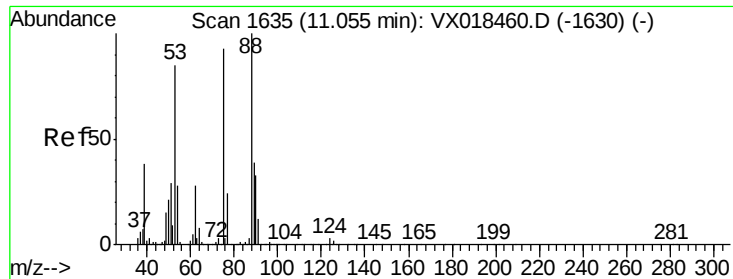
MMDadoda  
 9/28/2020 5:22:25 PM



#80  
 1,3,5-Trimethylbenzene  
 Concen: 20.096 ug/l  
 RT: 11.49 min Scan# 1706  
 Delta R.T. -0.01 min  
 Lab File: VX018561.D  
 Acq: 24 Sep 2020 11:02

Tgt Ion: 105 Resp: 387122  
 Ion Ratio Lower Upper  
 105 100  
 120 47.6 23.6 71.0





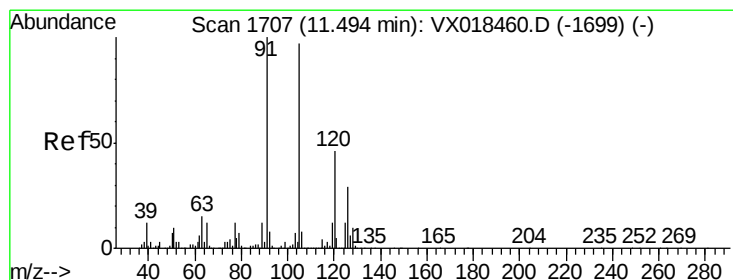
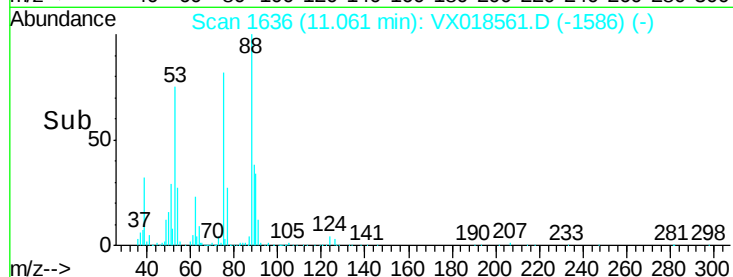
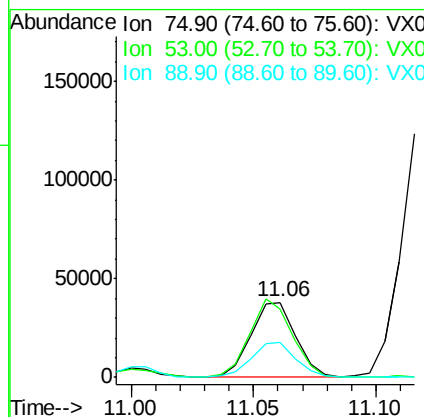
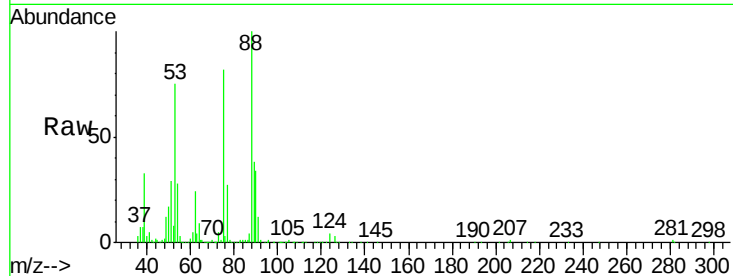
#81  
trans-1,4-Dichloro-2-butene  
Concen: 17.417 ug/l  
RT: 11.06 min Scan# 1636  
Delta R.T. 0.01 min  
Lab File: VX018561.D  
Acq: 24 Sep 2020 11:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0924WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 99.5  | 74.6  | 111.8 |
| 89      | 46.9  | 36.2  | 54.4  |

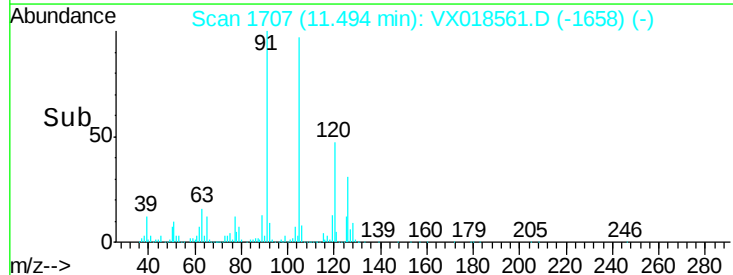
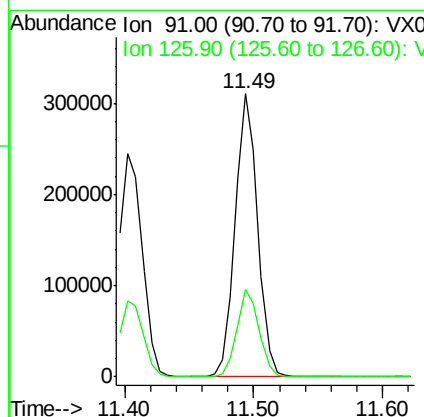
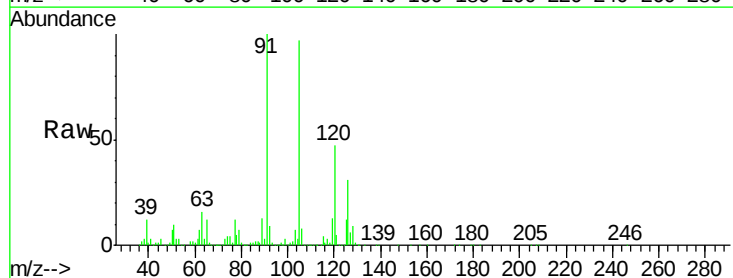
Manual Integrations  
APPROVED

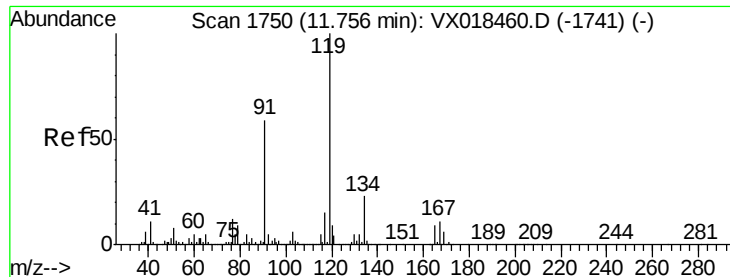
MMDadoda  
9/28/2020 5:22:25 PM



#82  
4-Chlorotoluene  
Concen: 19.898 ug/l  
RT: 11.49 min Scan# 1707  
Delta R.T. -0.00 min  
Lab File: VX018561.D  
Acq: 24 Sep 2020 11:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 30.4  | 15.0  | 45.0  |





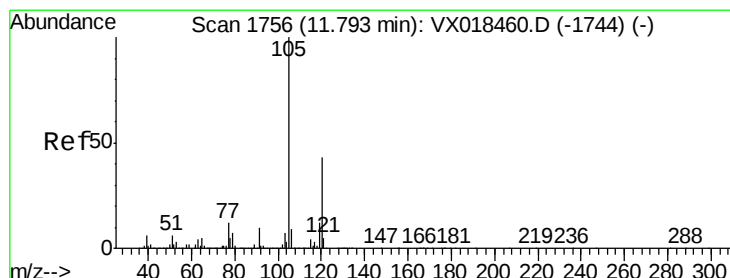
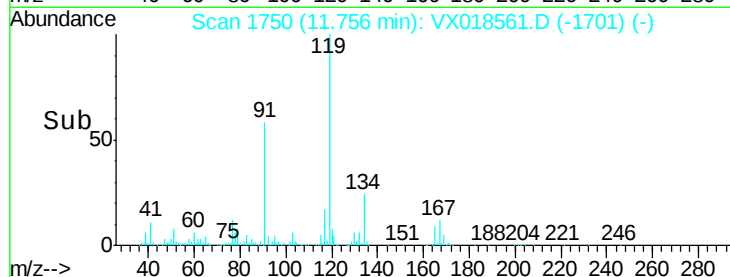
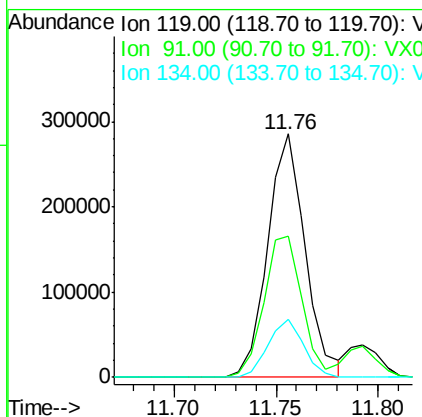
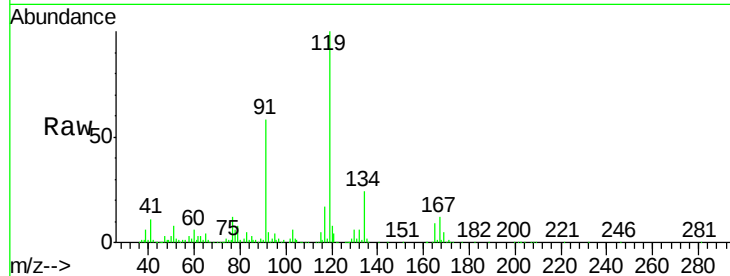
#83  
tert-Butylbenzene  
Concen: 19.546 ug/l  
RT: 11.76 min Scan# 1750  
Delta R.T. -0.00 min  
Lab File: VX018561.D  
Acq: 24 Sep 2020 11:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0924WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 365569 |       |       |
| 91      | 58.7  | 28.9   | 86.7  |       |
| 134     | 22.9  | 11.3   | 33.8  |       |

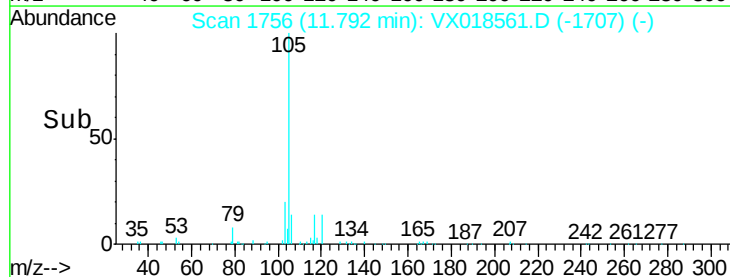
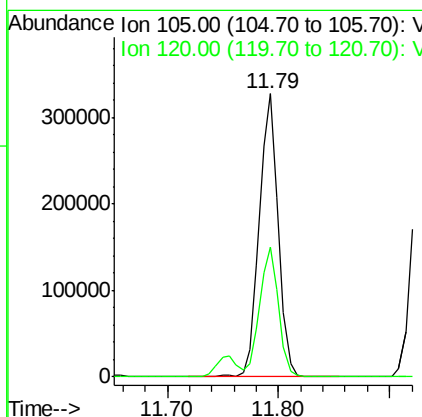
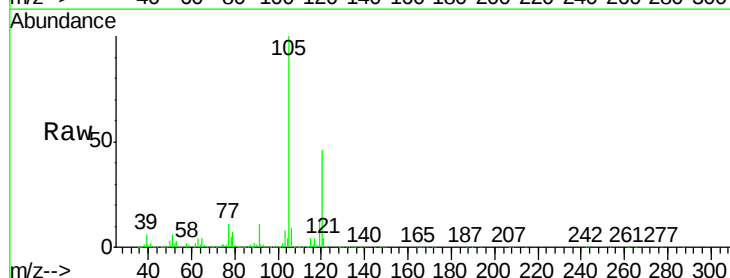
Manual Integrations  
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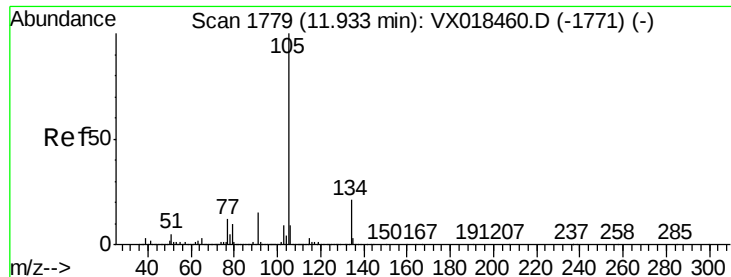
MMDadoda  
9/28/2020 5:22:25 PM



#84  
1,2,4-Trimethylbenzene  
Concen: 20.217 ug/l  
RT: 11.79 min Scan# 1756  
Delta R.T. -0.00 min  
Lab File: VX018561.D  
Acq: 24 Sep 2020 11:02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 392217 |       |       |
| 120     | 45.3  | 21.6   | 65.0  |       |





#85

sec-Butylbenzene

Concen: 19.689 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018561.D

Acq: 24 Sep 2020 11:02

Instrument :

MSVOA\_X

ClientSampleId :

VX0924WBS01

Tot Ion:105 Resp: 434510

Ion Ratio Lower Upper

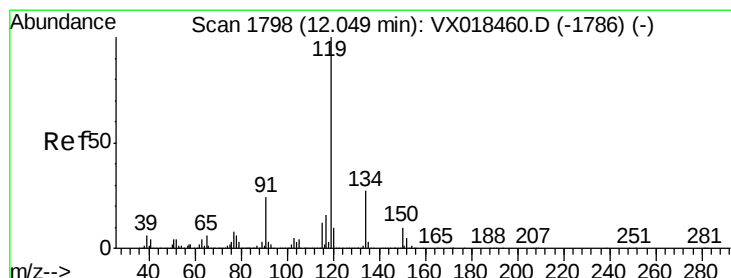
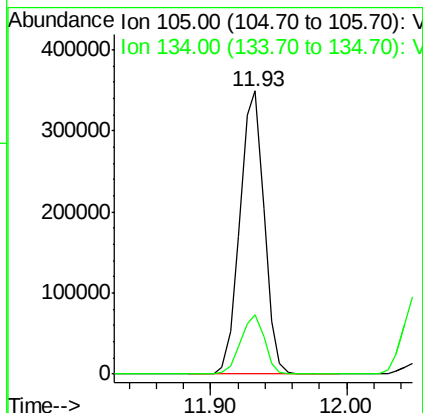
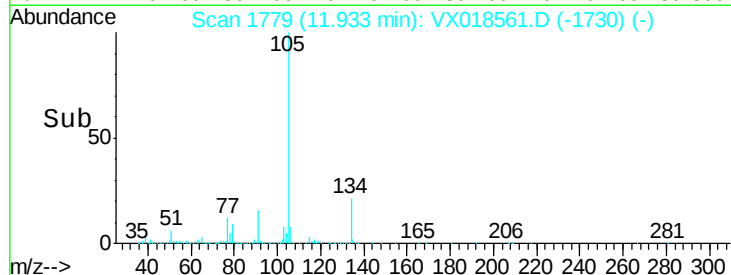
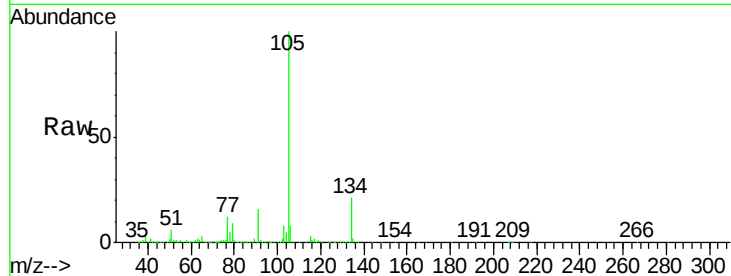
105 100

134 20.7 10.2 30.4

Manual Integrations  
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#86

p-Isopropyltoluene

Concen: 20.206 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018561.D

Acq: 24 Sep 2020 11:02

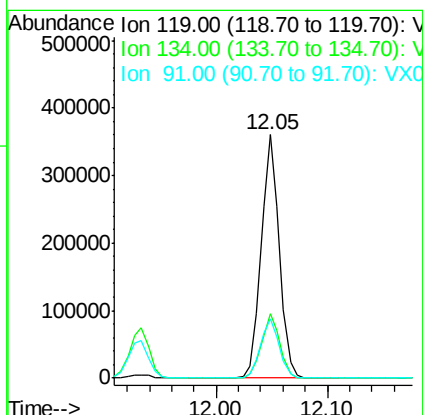
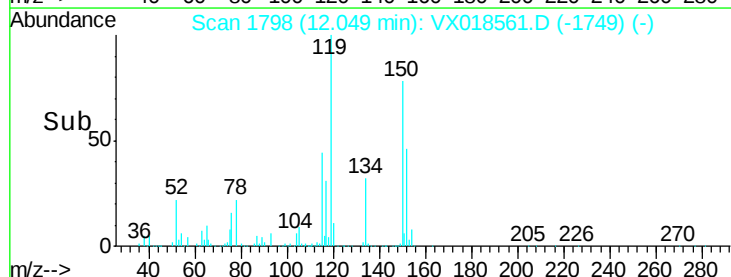
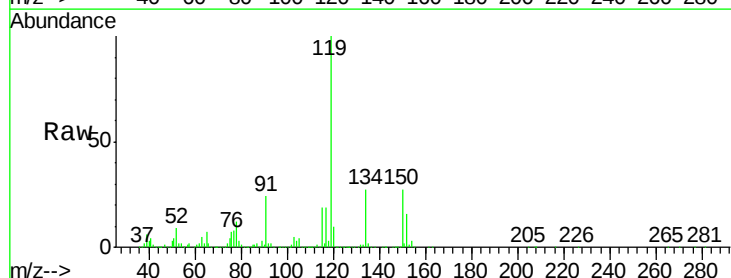
Tgt Ion:119 Resp: 409814

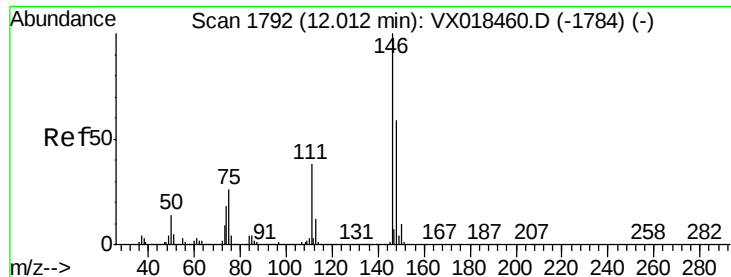
Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.9

91 25.2 11.9 35.9





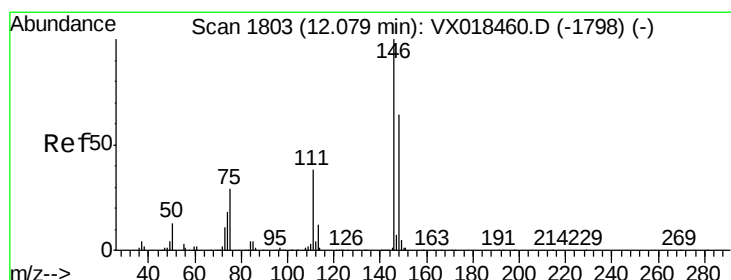
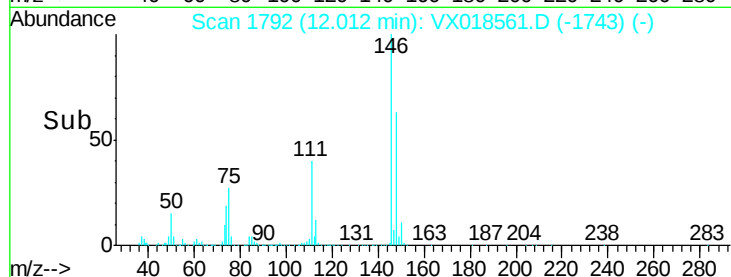
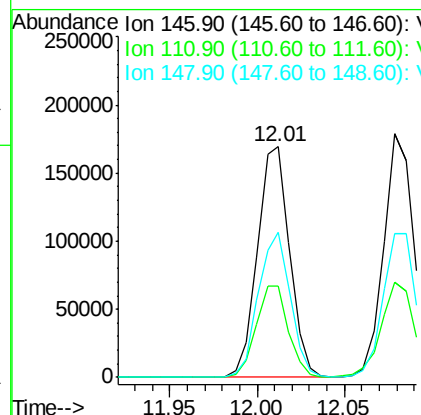
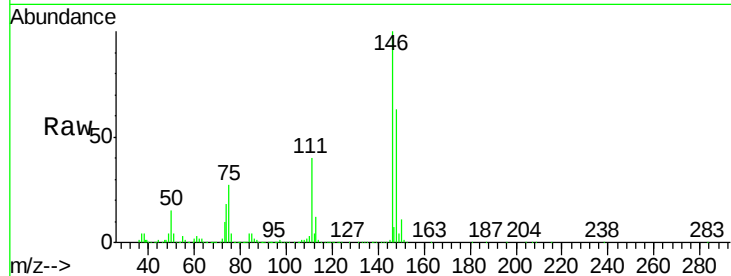
#87  
 1,3-Dichlorobenzene  
 Concen: 19.382 ug/l  
 RT: 12.01 min Scan# 1792  
 Delta R.T. -0.00 min  
 Lab File: VX018561.D  
 Acq: 24 Sep 2020 11:02

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0924WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 216586 |       |       |
| 111     | 40.0  |        | 20.4  | 61.2  |
| 148     | 62.4  |        | 31.1  | 93.2  |

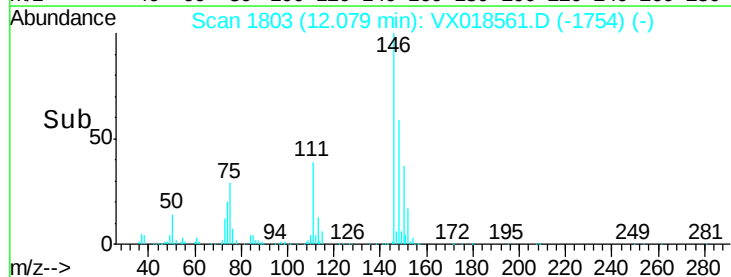
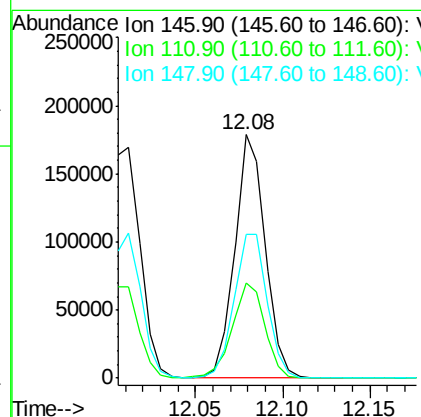
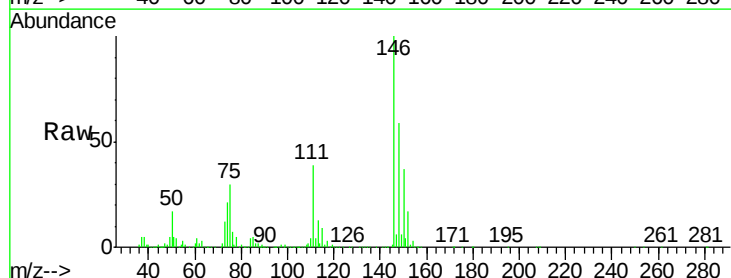
Manual Integrations  
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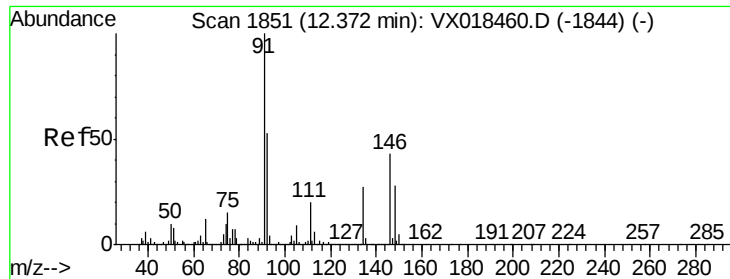
MMDadoda  
 9/28/2020 5:22:25 PM



#88  
 1,4-Dichlorobenzene  
 Concen: 19.013 ug/l  
 RT: 12.08 min Scan# 1803  
 Delta R.T. -0.00 min  
 Lab File: VX018561.D  
 Acq: 24 Sep 2020 11:02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 215421 |       |       |
| 111     | 42.1  |        | 19.4  | 58.4  |
| 148     | 64.2  |        | 31.8  | 95.4  |





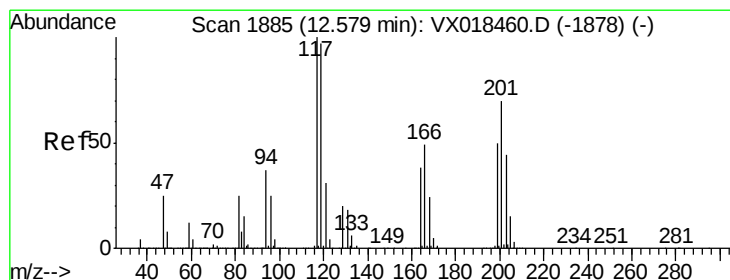
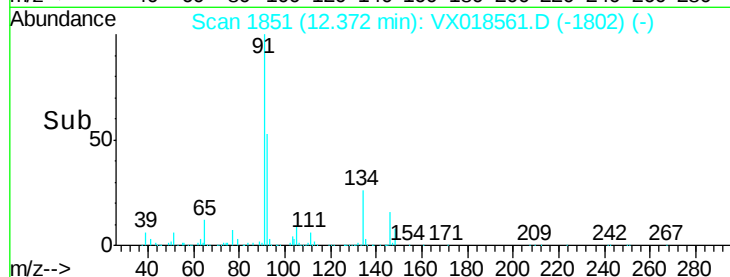
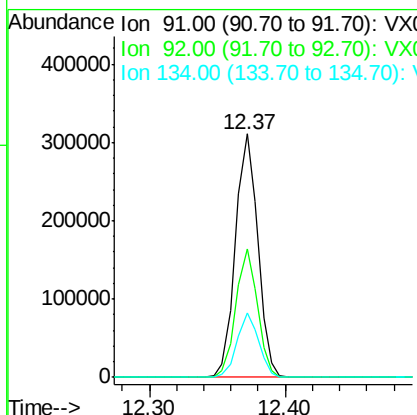
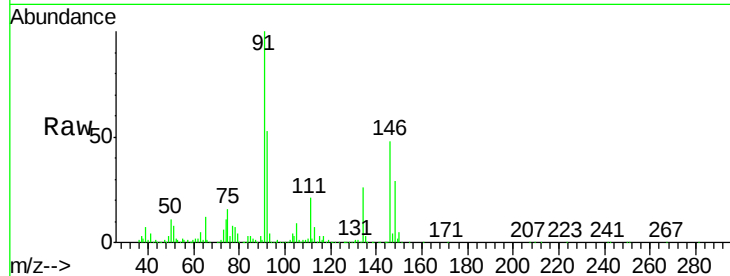
#89  
n-Butylbenzene  
Concen: 19.027 ug/l  
RT: 12.37 min Scan# 1851  
Delta R.T. -0.00 min  
Lab File: VX018561.D  
Acq: 24 Sep 2020 11:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0924WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 51.0  | 26.1  | 78.2  |
| 134     | 25.6  | 13.3  | 39.8  |

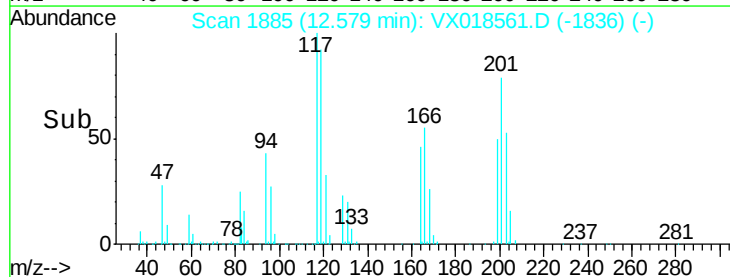
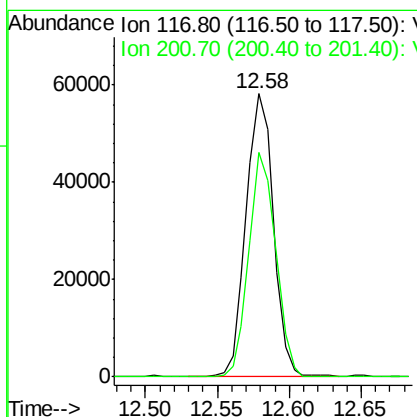
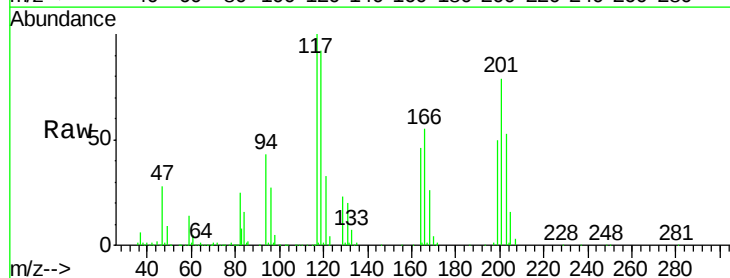
Manual Integrations  
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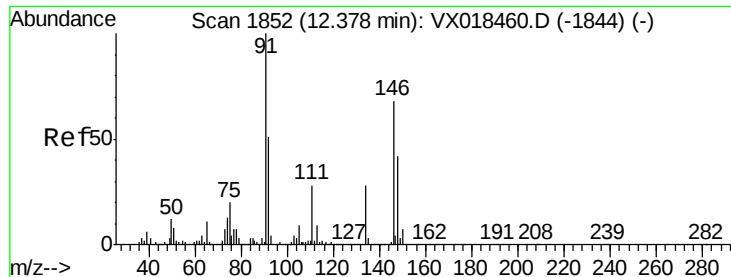
MMDadoda  
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#90  
Hexachloroethane  
Concen: 18.918 ug/l  
RT: 12.58 min Scan# 1885  
Delta R.T. -0.00 min  
Lab File: VX018561.D  
Acq: 24 Sep 2020 11:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 77.8  | 36.2  | 108.6 |





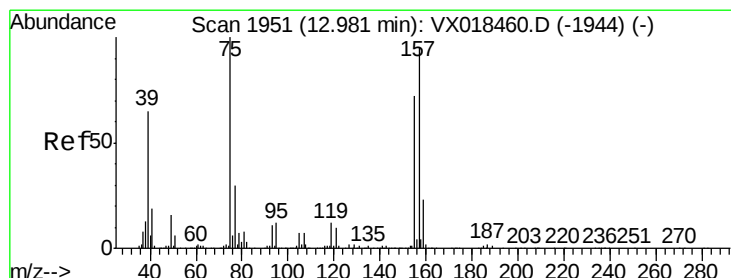
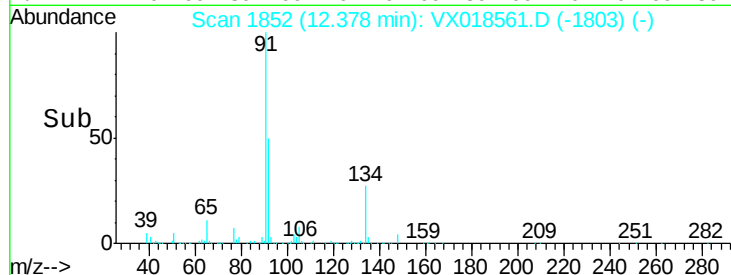
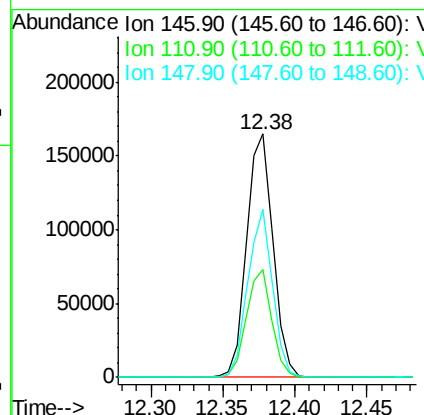
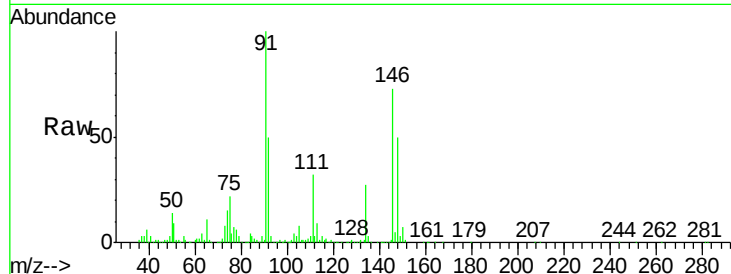
#91  
 1,2-Dichlorobenzene  
 Concen: 19.898 ug/l  
 RT: 12.38 min Scan# 1852  
 Delta R.T. -0.00 min  
 Lab File: VX018561.D  
 Acq: 24 Sep 2020 11:02

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0924WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 208110 |       |       |
| 111     | 42.6  | 21.5   | 64.5  |       |
| 148     | 64.7  | 32.1   | 96.5  |       |

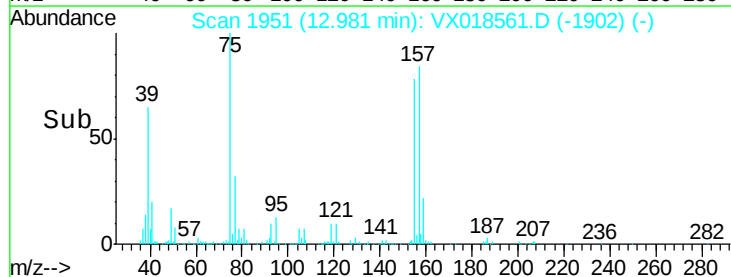
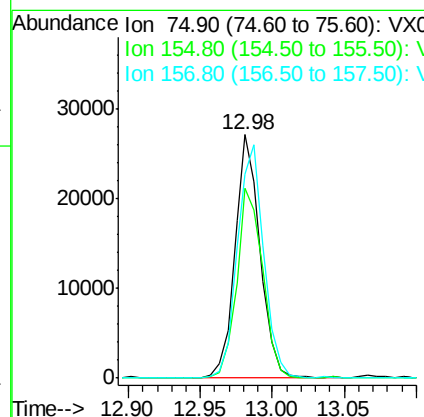
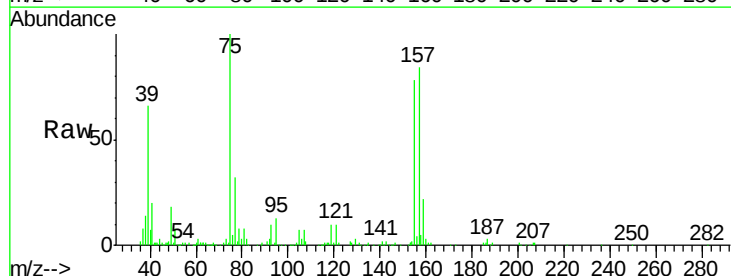
Manual Integrations  
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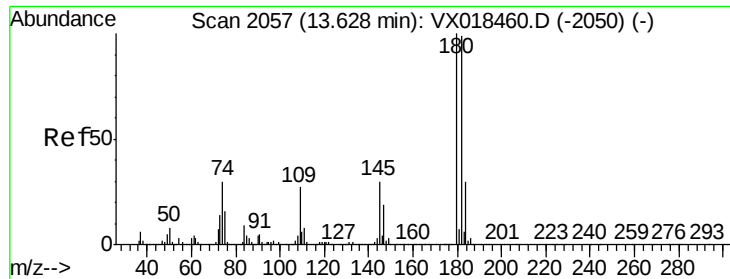
MMDadoda  
 9/28/2020 5:22:25 PM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 18.231 ug/l  
 RT: 12.98 min Scan# 1951  
 Delta R.T. -0.00 min  
 Lab File: VX018561.D  
 Acq: 24 Sep 2020 11:02

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 32997 |       |       |
| 155     | 80.5  | 38.8  | 116.4 |       |
| 157     | 100.9 | 51.1  | 153.3 |       |





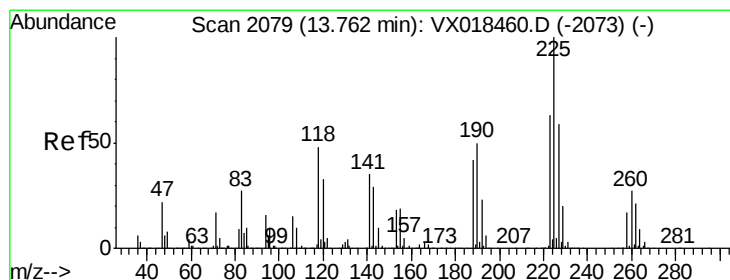
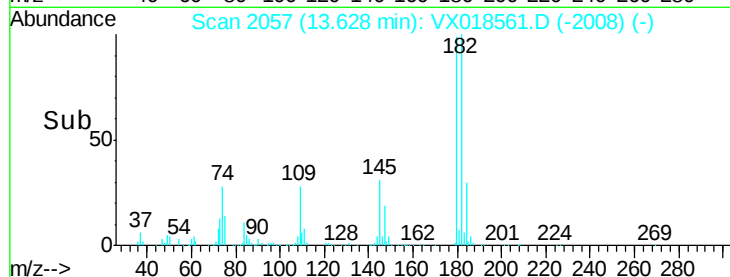
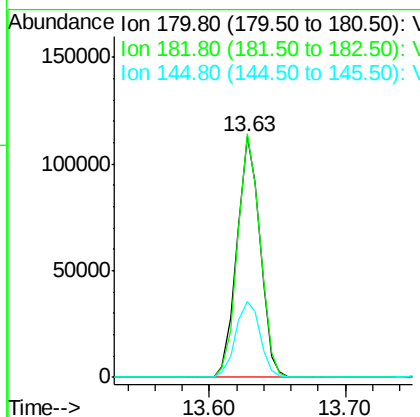
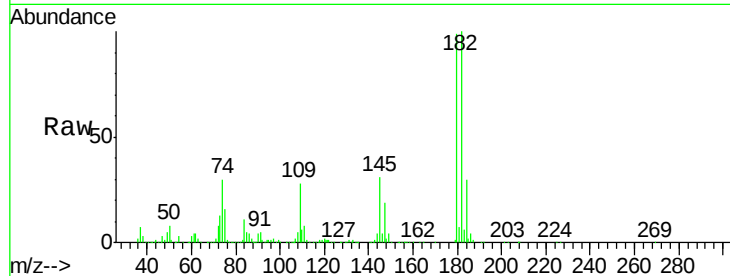
#93  
1,2,4-Trichlorobenzene  
Concen: 18.350 ug/l  
RT: 13.63 min Scan# 2057  
Delta R.T. -0.00 min  
Lab File: VX018561.D  
Acq: 24 Sep 2020 11:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0924WBS01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 180     | 100   |      |       |       |
| 182     | 98.3  | 50.2 | 150.6 |       |
| 145     | 33.4  | 15.7 | 47.1  |       |

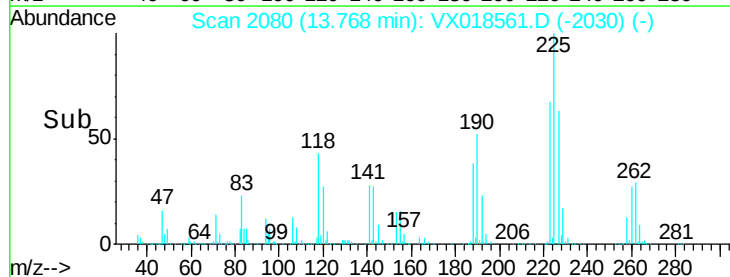
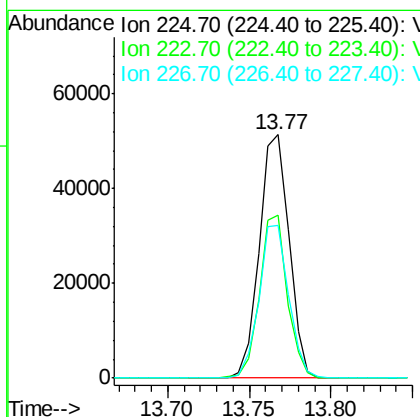
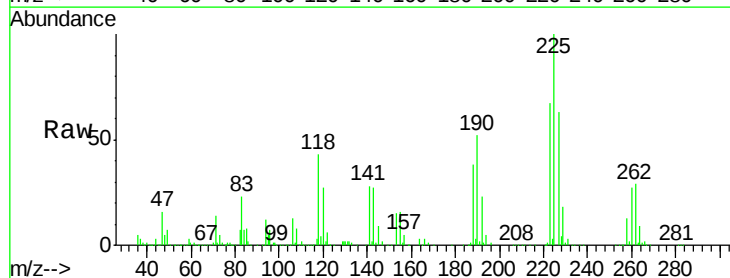
Manual Integrations  
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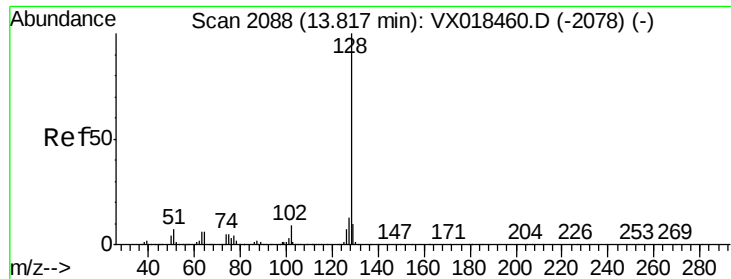
MMDadoda  
9/28/2020 5:22:25 PM



#94  
Hexachlorobutadiene  
Concen: 21.357 ug/l  
RT: 13.77 min Scan# 2080  
Delta R.T. 0.01 min  
Lab File: VX018561.D  
Acq: 24 Sep 2020 11:02

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 62.6  | 32.0 | 96.2  |       |
| 227     | 62.7  | 31.7 | 95.1  |       |





#95

Naphthalene

Concen: 17.979 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018561.D

Acq: 24 Sep 2020 11:02

Instrument :

MSVOA\_X

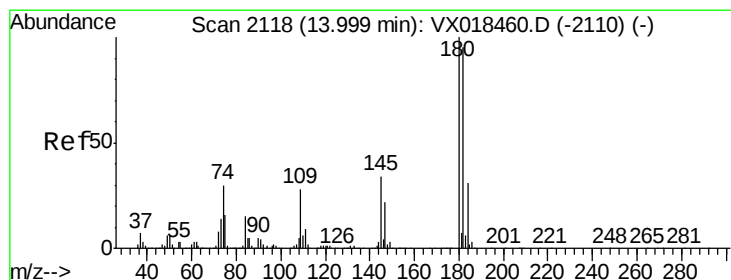
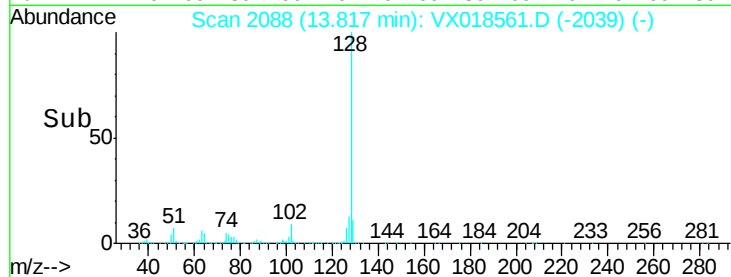
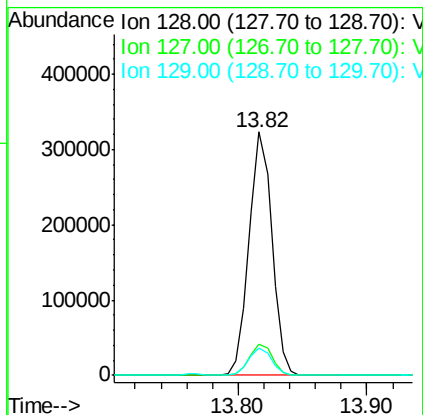
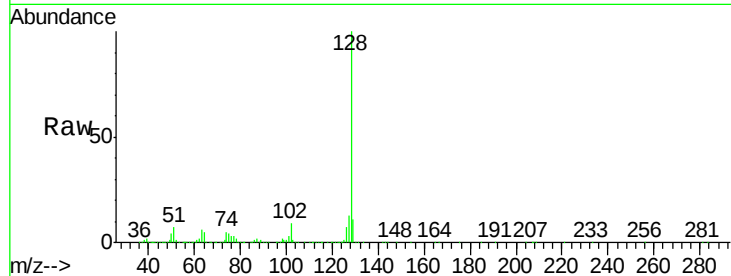
ClientSampleId :

VX0924WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 395247 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.1  | 10.3  | 15.5   |
| 129       | 11.3  | 8.7   | 13.1   |

Manual Integrations  
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#96

1,2,3-Trichlorobenzene

Concen: 18.446 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX018561.D

Acq: 24 Sep 2020 11:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 128320 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 97.3  | 47.1  | 141.3  |
| 145       | 34.7  | 16.8  | 50.4   |

