

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\  
 Data File : VX018019.D  
 Acq On : 20 Aug 2020 05:46  
 Operator : JC/SP  
 Sample : L3694-03MSD  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 54 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-BR1-081320MSD

Manual Integrations  
 APPROVED

MMDadoda  
 8/20/2020 9:17:49 AM

Quant Time: Aug 20 06:32:27 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X081920W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 19 05:36:51 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.63  | 168  | 410945   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.83  | 114  | 663500   | 50.00 | ug/l  | -0.01    |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 641895   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 347307   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.03   | 65  | 309613   | 51.40 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.80% |      |
| 35) Dibromofluoromethane  | 5.46   | 113 | 239778   | 48.53 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.06%  |      |
| 50) Toluene-d8            | 8.70   | 98  | 855646   | 48.99 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.98%  |      |
| 62) 4-Bromofluorobenzene  | 11.12  | 95  | 345920   | 53.63 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 107.26% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.18 | 85  | 312448  | 50.309  | ug/l | 94     |
| 3) Chloromethane              | 1.31 | 50  | 273577  | 48.680  | ug/l | 99     |
| 4) Vinyl Chloride             | 1.39 | 62  | 266126  | 45.929  | ug/l | 99     |
| 5) Bromomethane               | 1.62 | 94  | 182726  | 58.101  | ug/l | 91     |
| 6) Chloroethane               | 1.71 | 64  | 156496  | 50.778  | ug/l | 97     |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 430794  | 50.060  | ug/l | 99     |
| 8) Diethyl Ether              | 2.17 | 74  | 123140  | 49.098  | ug/l | 96     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 182734  | 45.149  | ug/l | 99     |
| 10) Methyl Iodide             | 2.49 | 142 | 239904  | 45.966  | ug/l | 100    |
| 11) Tert butyl alcohol        | 3.01 | 59  | 262324  | 225.537 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 2.36 | 96  | 174840  | 47.202  | ug/l | 97     |
| 13) Acrolein                  | 2.28 | 56  | 116899  | 190.263 | ug/l | 98     |
| 14) Allyl chloride            | 2.71 | 41  | 335124  | 50.728  | ug/l | 98     |
| 15) Acrylonitrile             | 3.12 | 53  | 676448  | 266.309 | ug/l | 99     |
| 16) Acetone                   | 2.42 | 43  | 611776  | 258.137 | ug/l | 99     |
| 17) Carbon Disulfide          | 2.55 | 76  | 463763  | 51.603  | ug/l | 99     |
| 18) Methyl Acetate            | 2.75 | 43  | 368236  | 61.748  | ug/l | 97     |
| 19) Methyl tert-butyl Ether   | 3.17 | 73  | 788938  | 55.710  | ug/l | 99     |
| 20) Methylene Chloride        | 2.84 | 84  | 223820  | 51.259  | ug/l | 97     |
| 21) trans-1,2-Dichloroethene  | 3.14 | 96  | 203537  | 53.451  | ug/l | 94     |
| 22) Diisopropyl ether         | 3.82 | 45  | 783145  | 56.550  | ug/l | 96     |
| 23) Vinyl Acetate             | 3.79 | 43  | 2390399 | 225.871 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 3.67 | 63  | 416714  | 54.281  | ug/l | 99     |
| 25) 2-Butanone                | 4.64 | 43  | 933724  | 260.239 | ug/l | 97     |
| 26) 2,2-Dichloropropane       | 4.55 | 77  | 245857  | 35.168  | ug/l | 95     |
| 27) cis-1,2-Dichloroethene    | 4.56 | 96  | 247017  | 54.991  | ug/l | 95     |
| 28) Bromochloromethane        | 4.98 | 49  | 202722  | 51.097  | ug/l | 100    |
| 29) Tetrahydrofuran           | 5.09 | 42  | 599623  | 269.090 | ug/l | 100    |
| 30) Chloroform                | 5.18 | 83  | 456200  | 54.367  | ug/l | 98     |
| 31) Cyclohexane               | 5.55 | 56  | 348429  | 55.970  | ug/l | 98     |
| 32) 1,1,1-Trichloroethane     | 5.46 | 97  | 412932  | 54.247  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 5.77 | 75  | 285811  | 51.465  | ug/l | 99     |
| 37) Ethyl Acetate             | 4.79 | 43  | 319468  | 48.079  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 5.76 | 117 | 372160  | 51.779  | ug/l | 95     |

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 ALS Vial : 54 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 MW-BR1-081320MSD

Manual Integrations  
 APPROVED

MMDadoda  
 8/20/2020 9:17:49 AM

Quant Time: Aug 20 06:32:27 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X081920W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 19 05:36:51 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 39) Methylcyclohexane          | 7.44  | 83   | 323305   | 45.528  | ug/l  | 99       |
| 40) Benzene                    | 6.12  | 78   | 867726   | 51.877  | ug/l  | 99       |
| 41) Methacrylonitrile          | 5.01  | 41   | 203533   | 53.442  | ug/l  | 97       |
| 42) 1,2-Dichloroethane         | 6.17  | 62   | 374175   | 52.663  | ug/l  | 99       |
| 43) Isopropyl Acetate          | 6.41  | 43   | 547034   | 50.998  | ug/l  | 99       |
| 44) Trichloroethene            | 7.19  | 130  | 254223   | 51.251  | ug/l  | 94       |
| 45) 1,2-Dichloropropane        | 7.49  | 63   | 247055   | 51.550  | ug/l  | 98       |
| 46) Dibromomethane             | 7.64  | 93   | 173306   | 51.814  | ug/l  | 97       |
| 47) Bromodichloromethane       | 7.88  | 83   | 376175   | 51.806  | ug/l  | 100      |
| 48) Methyl methacrylate        | 7.74  | 41   | 284662   | 53.532  | ug/l  | 98       |
| 49) 1,4-Dioxane                | 7.71  | 88   | 91708    | 842.406 | ug/l  | 98       |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 1891265  | 261.874 | ug/l  | 100      |
| 52) Toluene                    | 8.77  | 92   | 577314   | 52.754  | ug/l  | 100      |
| 53) t-1,3-Dichloropropene      | 9.02  | 75   | 386066   | 50.270  | ug/l  | 96       |
| 54) cis-1,3-Dichloropropene    | 8.42  | 75   | 390457   | 48.761  | ug/l  | 98       |
| 55) 1,1,2-Trichloroethane      | 9.20  | 97   | 263142   | 52.341  | ug/l  | 96       |
| 56) Ethyl methacrylate         | 9.16  | 69   | 387331   | 54.491  | ug/l  | 98       |
| 57) 1,3-Dichloropropane        | 9.35  | 76   | 425081   | 53.238  | ug/l  | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.29  | 63   | 867461   | 252.010 | ug/l  | 100      |
| 59) 2-Hexanone                 | 9.48  | 43   | 1429706  | 261.257 | ug/l  | 99       |
| 60) Dibromochloromethane       | 9.57  | 129  | 327103   | 52.095  | ug/l  | 96       |
| 61) 1,2-Dibromoethane          | 9.65  | 107  | 279100   | 50.119  | ug/l  | 99       |
| 64) Tetrachloroethene          | 9.32  | 164  | 291028   | 59.369  | ug/l  | 96       |
| 65) Chlorobenzene              | 10.12 | 112  | 673044   | 52.823  | ug/l  | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.20 | 131  | 281227   | 52.178  | ug/l  | 99       |
| 67) Ethyl Benzene              | 10.24 | 91   | 1150716  | 54.783  | ug/l  | 98       |
| 68) m/p-Xylenes                | 10.34 | 106  | 891975   | 110.304 | ug/l  | 95       |
| 69) o-Xylene                   | 10.68 | 106  | 423146   | 54.264  | ug/l  | 100      |
| 70) Styrene                    | 10.70 | 104  | 759082   | 56.424  | ug/l  | 98       |
| 71) Bromoform                  | 10.84 | 173  | 254007   | 52.507  | ug/l  | 99       |
| 73) Isopropylbenzene           | 11.00 | 105  | 1183963  | 52.963  | ug/l  | 100      |
| 74) N-amyl acetate             | 10.88 | 43   | 479261   | 48.200  | ug/l  | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.25 | 83   | 396946   | 50.902  | ug/l  | 100      |
| 76) 1,2,3-Trichloropropane     | 11.28 | 75   | 387555m  | 52.472  | ug/l  |          |
| 77) Bromobenzene               | 11.24 | 156  | 324661   | 52.347  | ug/l  | 98       |
| 78) n-propylbenzene            | 11.34 | 91   | 1340903  | 51.285  | ug/l  | 100      |
| 79) 2-Chlorotoluene            | 11.40 | 91   | 832019   | 52.216  | ug/l  | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.49 | 105  | 1015438  | 51.749  | ug/l  | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.06 | 75   | 125832   | 44.757  | ug/l  | 99       |
| 82) 4-Chlorotoluene            | 11.49 | 91   | 990752   | 52.874  | ug/l  | 100      |
| 83) tert-Butylbenzene          | 11.76 | 119  | 965280   | 52.090  | ug/l  | 98       |
| 84) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 1062154  | 52.286  | ug/l  | 99       |
| 85) sec-Butylbenzene           | 11.93 | 105  | 1152128  | 51.504  | ug/l  | 99       |
| 86) p-Isopropyltoluene         | 12.05 | 119  | 1076196  | 51.718  | ug/l  | 98       |
| 87) 1,3-Dichlorobenzene        | 12.01 | 146  | 586465   | 51.953  | ug/l  | 99       |
| 88) 1,4-Dichlorobenzene        | 12.08 | 146  | 587967   | 53.166  | ug/l  | 99       |
| 89) n-Butylbenzene             | 12.37 | 91   | 902879   | 52.425  | ug/l  | 99       |
| 90) Hexachloroethane           | 12.58 | 117  | 217494   | 52.553  | ug/l  | 100      |
| 91) 1,2-Dichlorobenzene        | 12.38 | 146  | 562288   | 53.959  | ug/l  | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75   | 101342   | 51.016  | ug/l  | 98       |

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Sample : L3694-03MSD  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 54 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-BR1-081320MSD

Manual Integrations  
APPROVED

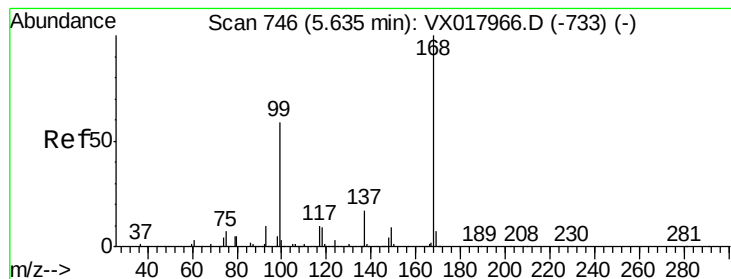
MMDadoda  
8/20/2020 9:17:49 AM

Quant Time: Aug 20 06:32:27 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X081920W.M  
Quant Title : SW846 8260  
QLast Update : Wed Aug 19 05:36:51 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.63 | 180  | 370783   | 54.087 | ug/l  | 97       |
| 94) Hexachlorobutadiene    | 13.77 | 225  | 145170   | 49.620 | ug/l  | 96       |
| 95) Naphthalene            | 13.82 | 128  | 1232794  | 56.969 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.00 | 180  | 381492   | 54.726 | 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. -0.01 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

Instrument :

MSVOA\_X

ClientSampleId :

MW-BR1-081320MSD

Tot Ion:168 Resp: 410945

Ion Ratio Lower Upper

168 100

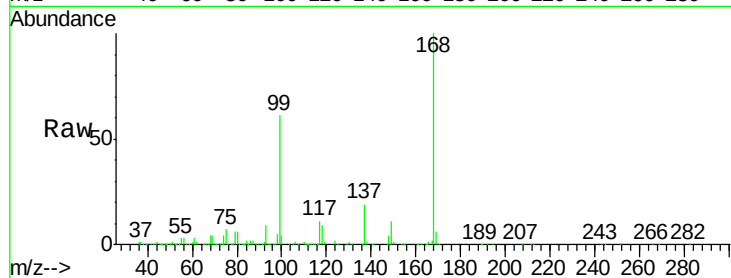
99 60.7 47.4 71.2

Manual Integrations

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8/20/2020 9:17:49 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

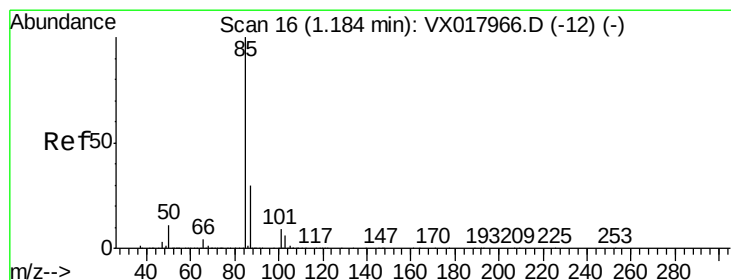
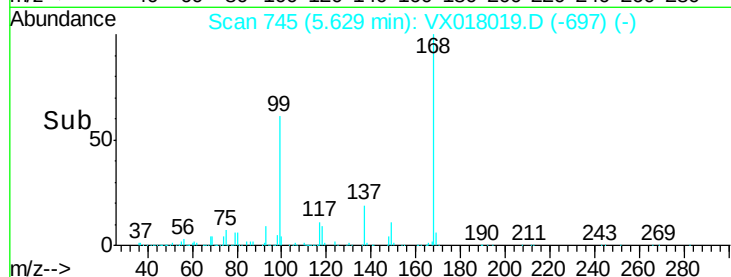
100000

50000

0

5.50 5.60 5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 50.309 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018019.D

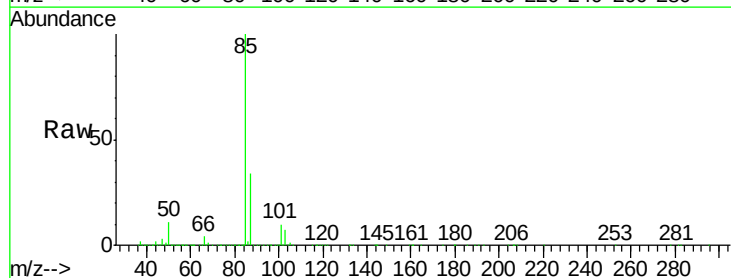
Acq: 20 Aug 2020 05:46

Tgt Ion: 85 Resp: 312448

Ion Ratio Lower Upper

85 100

87 33.6 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

400000

300000

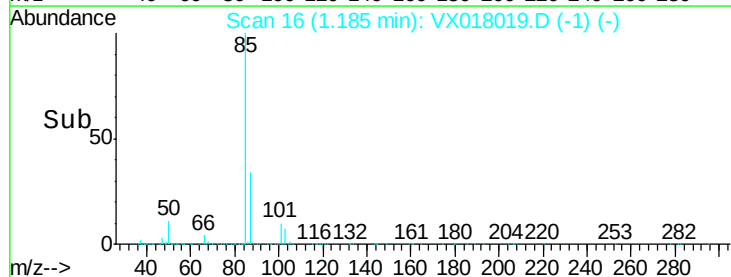
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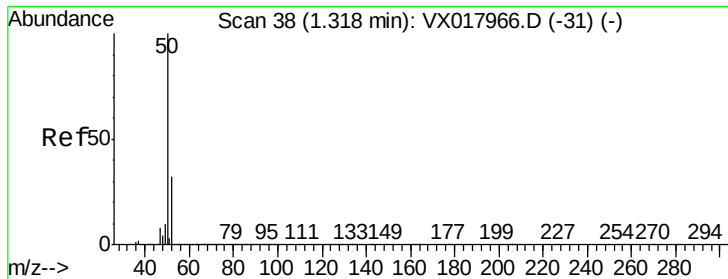
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0

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 48.680 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

Instrument :

MSVOA\_X

ClientSampleId :

MW-BR1-081320MSD

Tot Ion: 50 Resp: 273577

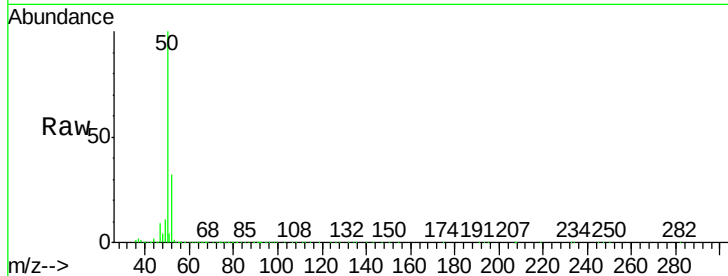
Ion Ratio Lower Upper

50 100

52 32.2 25.4 38.0

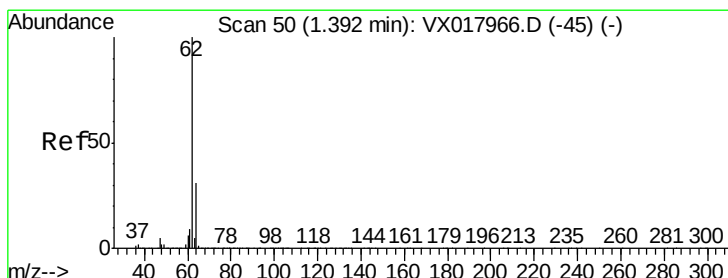
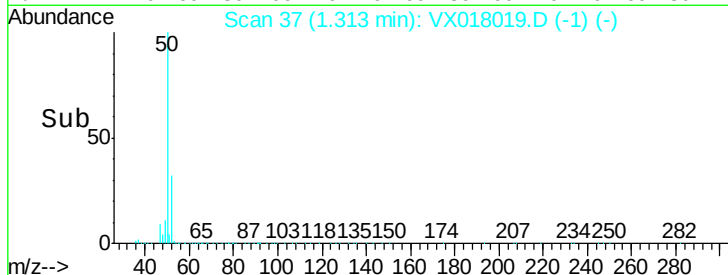
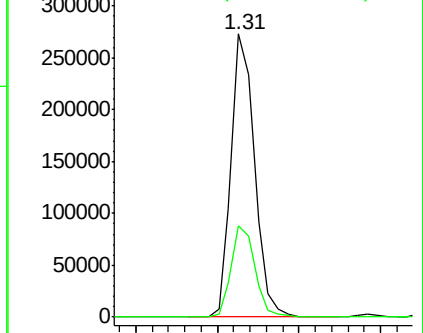
Manual Integrations  
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8/20/2020 9:17:49 AM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.929 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018019.D

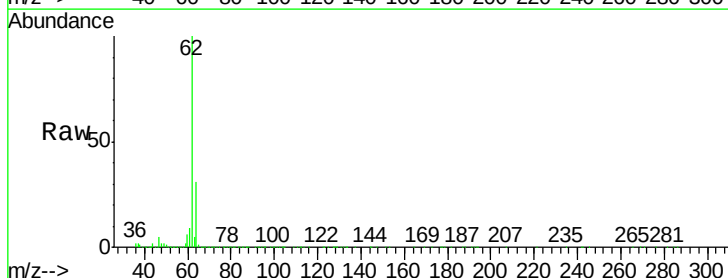
Acq: 20 Aug 2020 05:46

Tgt Ion: 62 Resp: 266126

Ion Ratio Lower Upper

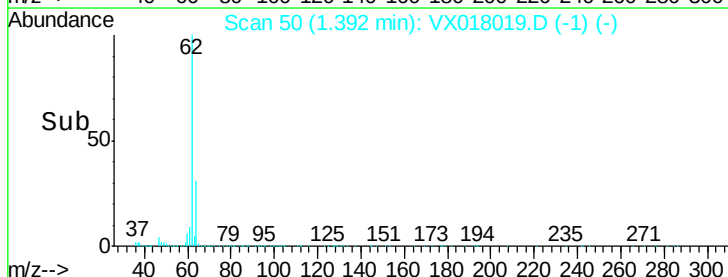
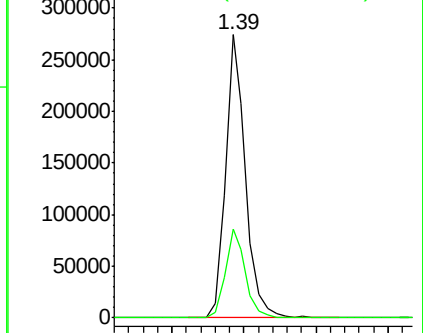
62 100

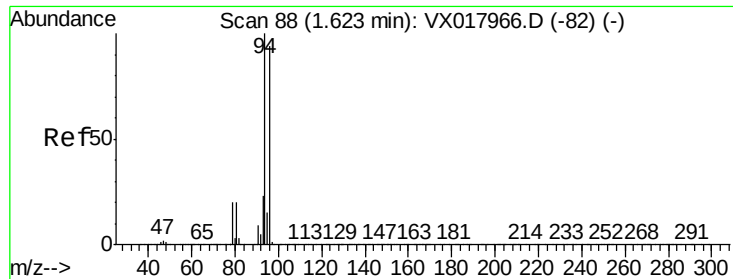
64 31.3 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 58.101 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

Instrument :

MSVOA\_X

ClientSampleId :

MW-BR1-081320MSD

Tot Ion: 94 Resp: 182726

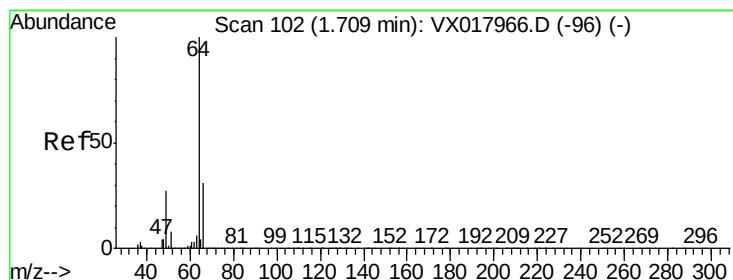
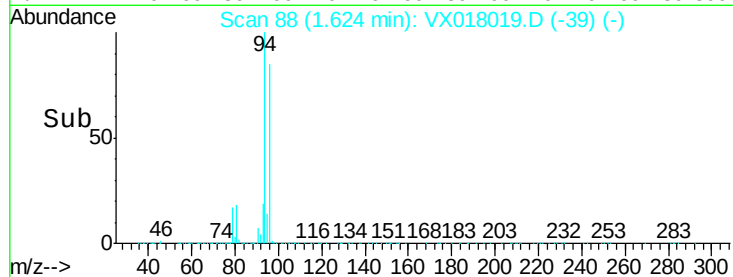
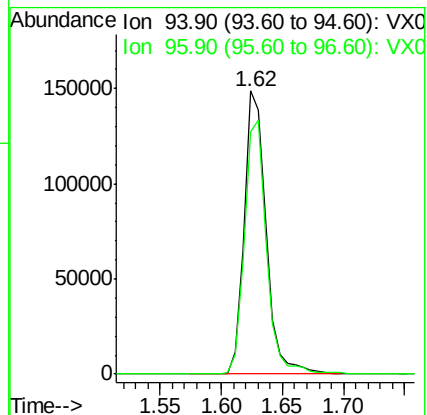
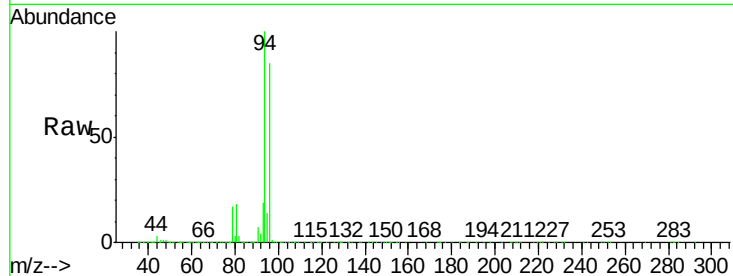
Ion Ratio Lower Upper

94 100

96 85.5 75.5 113.3

Manual Integrations  
APPROVED

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8/20/2020 9:17:49 AM



#6

Chloroethane

Concen: 50.778 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX018019.D

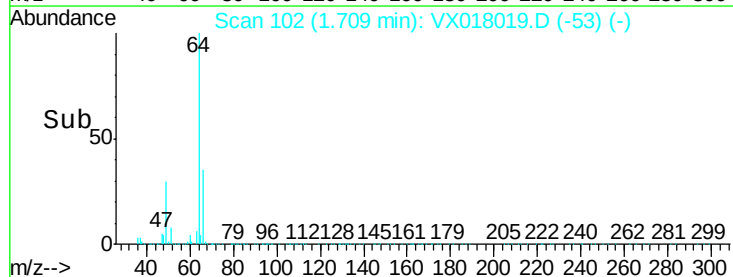
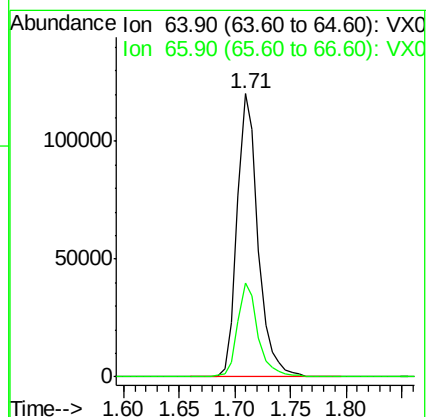
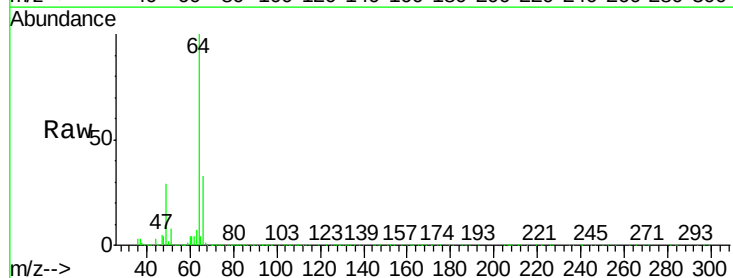
Acq: 20 Aug 2020 05:46

Tgt Ion: 64 Resp: 156496

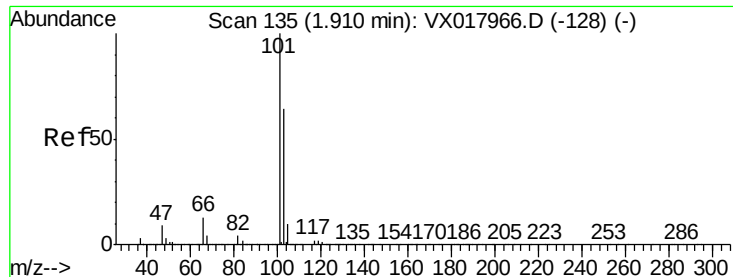
Ion Ratio Lower Upper

64 100

66 33.1 25.0 37.4







#7

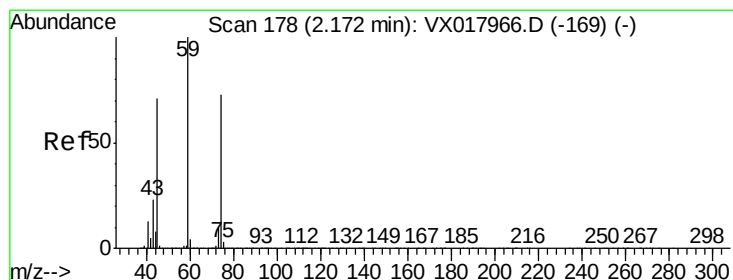
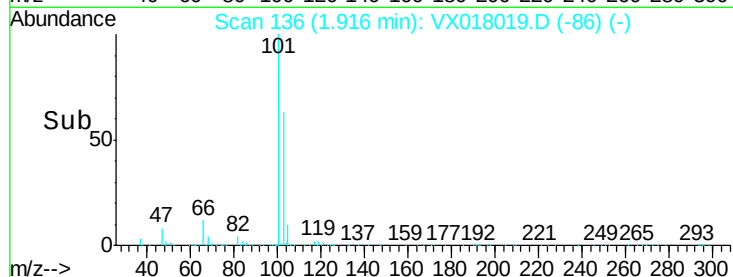
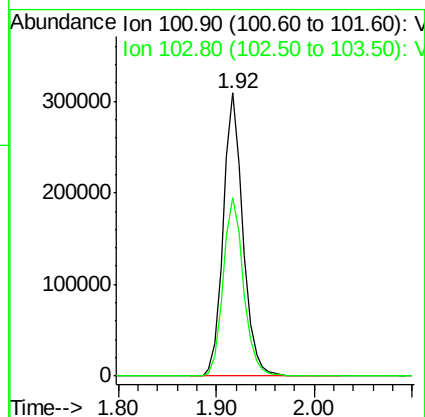
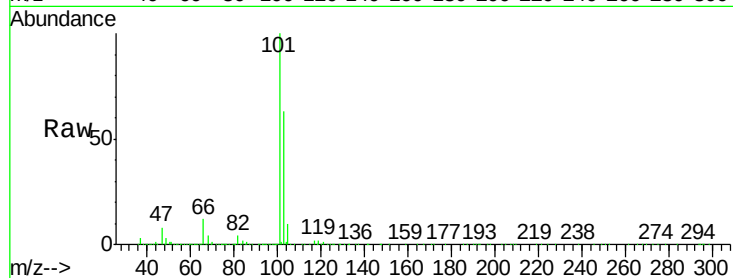
Trichlorofluoromethane  
Concen: 50.060 ug/l  
RT: 1.92 min Scan# 136  
Delta R.T. 0.01 min  
Lab File: VX018019.D  
Acq: 20 Aug 2020 05:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
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| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 63.1  | 51.2  | 76.8  |

Manual Integrations  
APPROVED

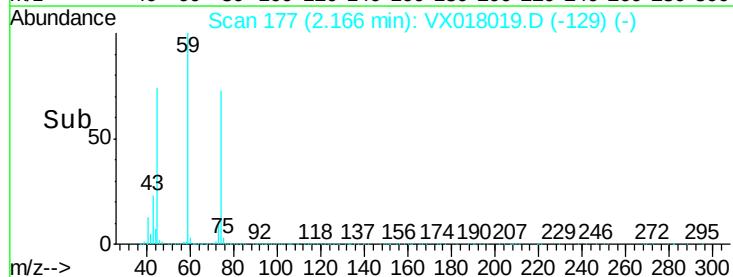
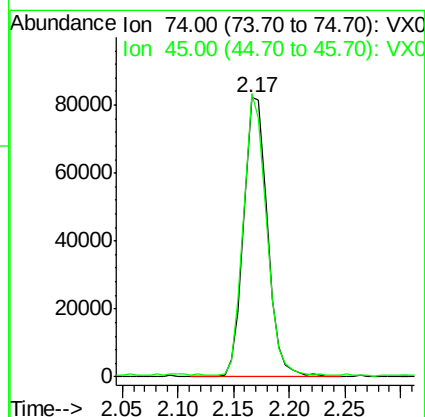
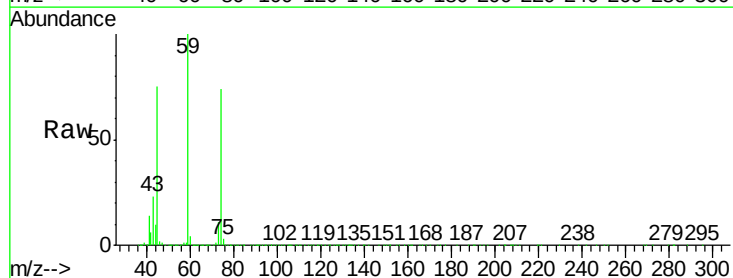
MMDadoda  
8/20/2020 9:17:49 AM



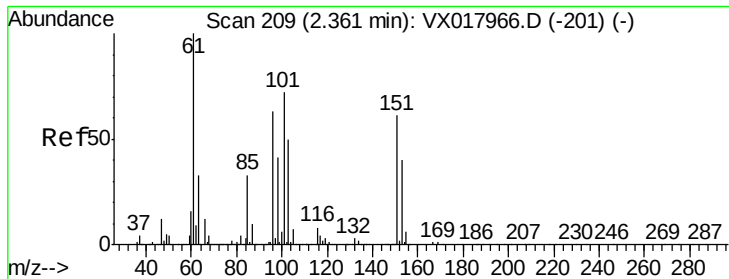
#8

Diethyl Ether  
Concen: 49.098 ug/l  
RT: 2.17 min Scan# 177  
Delta R.T. -0.01 min  
Lab File: VX018019.D  
Acq: 20 Aug 2020 05:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 97.4  | 50.5  | 151.6 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.149 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

Instrument :

MSVOA\_X

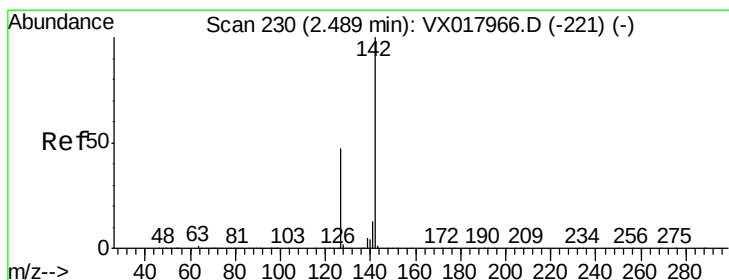
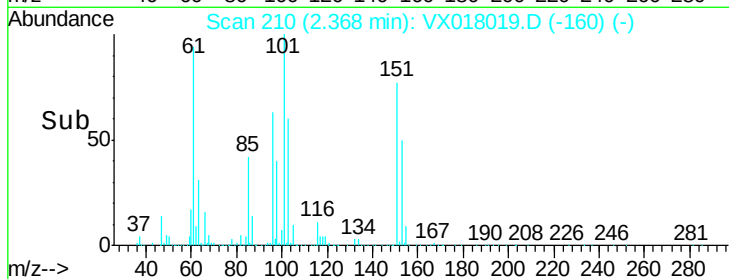
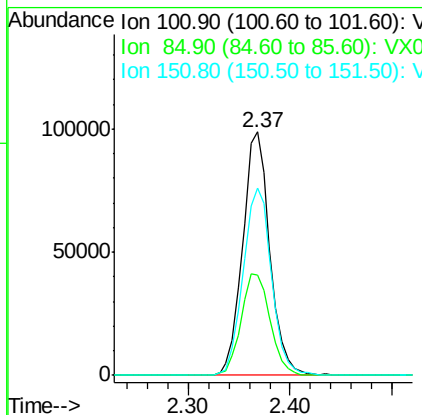
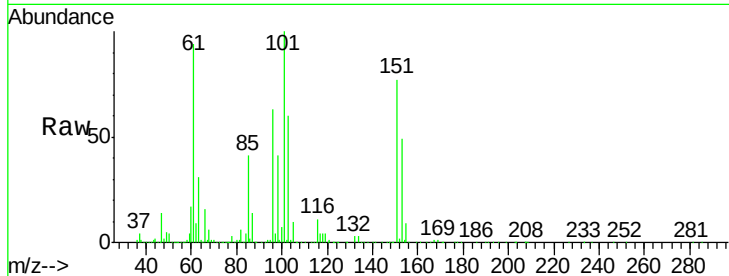
ClientSampleId :

MW-BR1-081320MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 182734 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 44.4  | 35.4  | 53.2   |
| 151       | 80.4  | 65.4  | 98.0   |

Manual Integrations  
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MMDadoda  
8/20/2020 9:17:49 AM



#10

Methyl Iodide

Concen: 45.966 ug/l

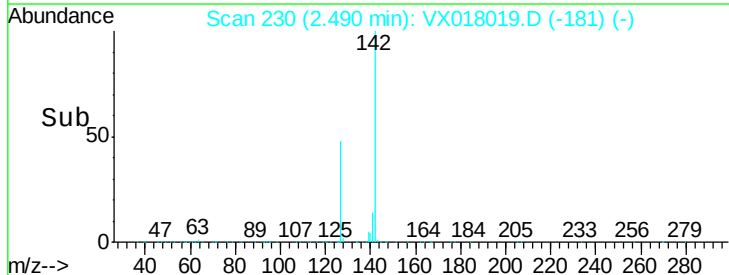
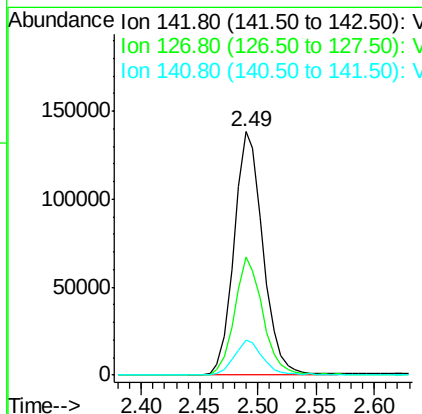
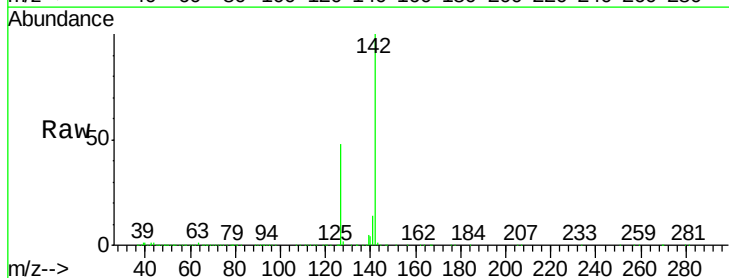
RT: 2.49 min Scan# 230

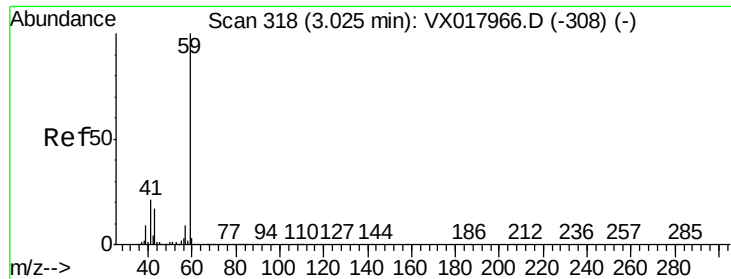
Delta R.T. 0.00 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 239904 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 47.3  | 38.0  | 57.0   |
| 141       | 14.3  | 11.2  | 16.8   |





#11

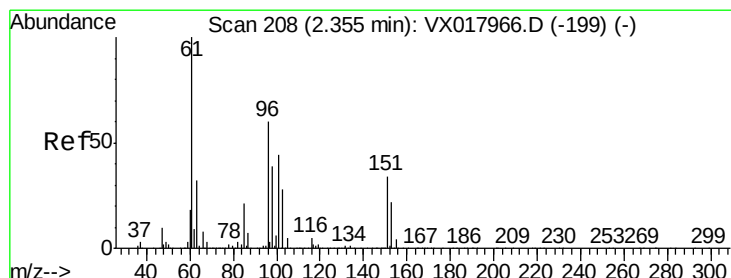
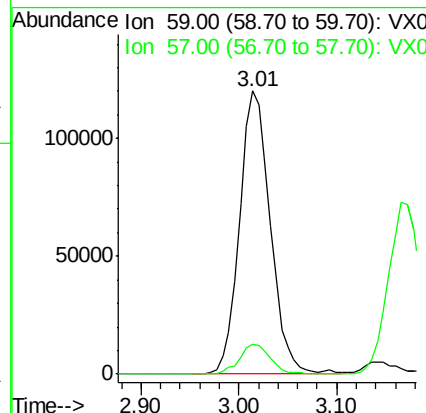
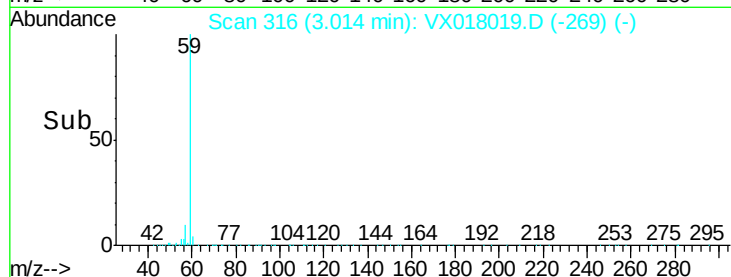
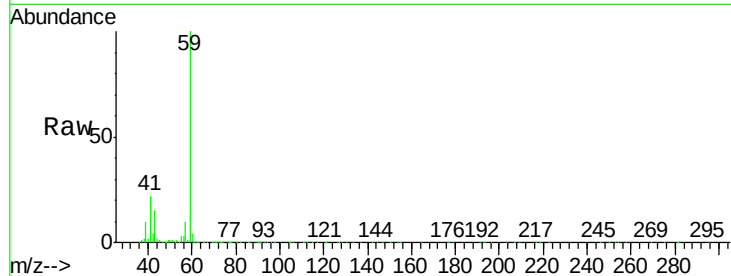
Tert butyl alcohol  
Concen: 225.537 ug/l  
RT: 3.01 min Scan# 316  
Delta R.T. -0.01 min  
Lab File: VX018019.D  
Acq: 20 Aug 2020 05:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-BR1-081320MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.9  | 8.6   | 13.0  |

Manual Integrations  
APPROVED

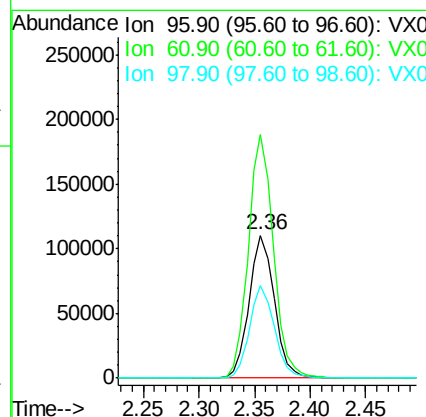
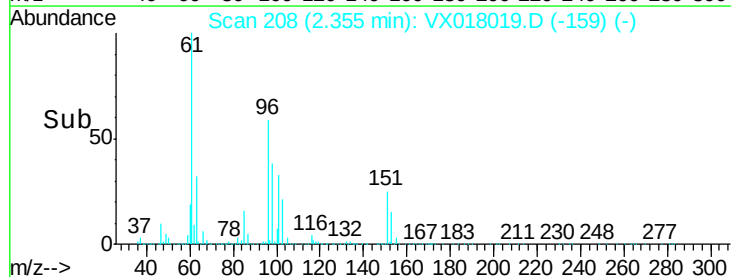
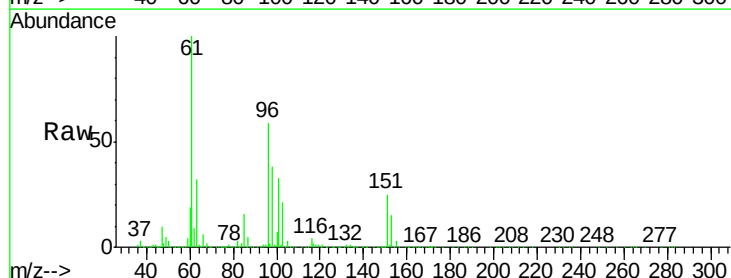
MMDadoda  
8/20/2020 9:17:49 AM

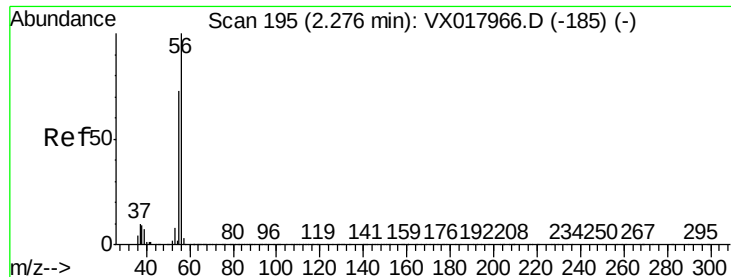


#12

1,1-Dichloroethene  
Concen: 47.202 ug/l  
RT: 2.36 min Scan# 208  
Delta R.T. 0.00 min  
Lab File: VX018019.D  
Acq: 20 Aug 2020 05:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 170.6 | 132.9 | 199.3 |
| 98      | 65.2  | 51.6  | 77.4  |





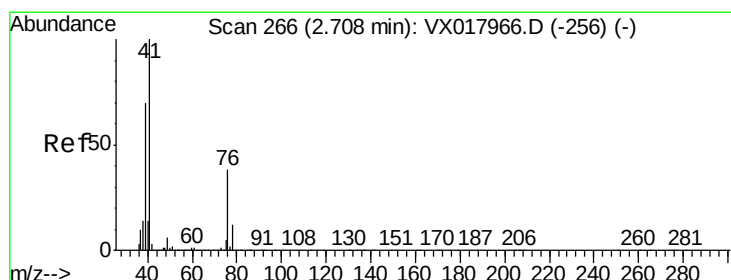
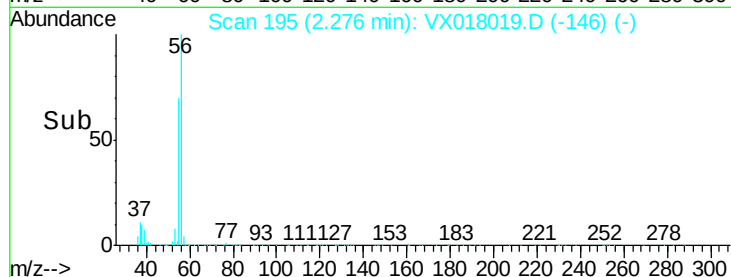
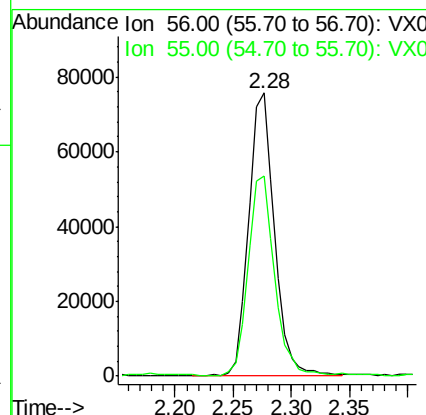
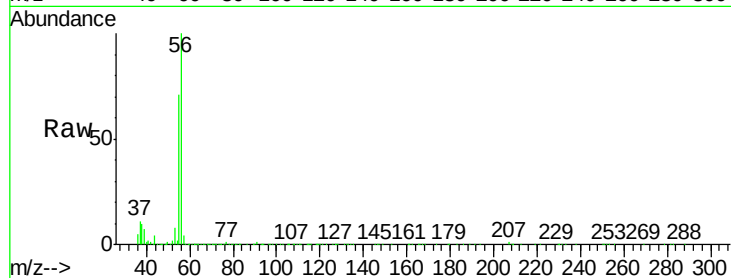
#13  
Acrolein  
Concen: 190.263 ug/l  
RT: 2.28 min Scan# 195  
Delta R.T. 0.00 min  
Lab File: VX018019.D  
Acq: 20 Aug 2020 05:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-BR1-081320MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 55      | 71.4  | 58.2  | 87.4  |

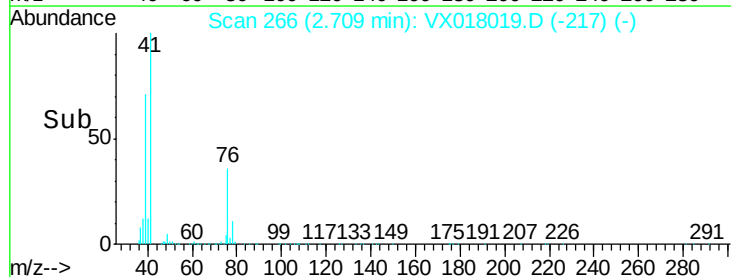
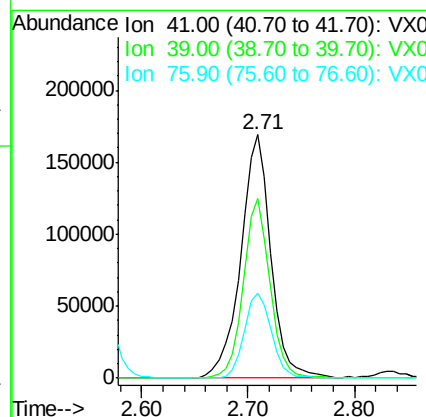
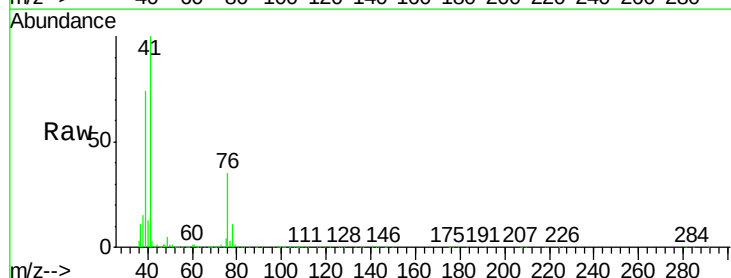
Manual Integrations  
APPROVED

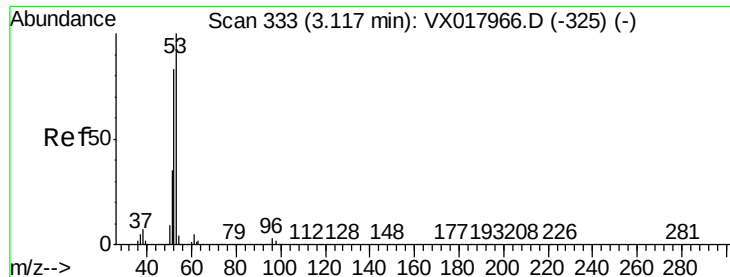
MMDadoda  
8/20/2020 9:17:49 AM



#14  
Allyl chloride  
Concen: 50.728 ug/l  
RT: 2.71 min Scan# 266  
Delta R.T. 0.00 min  
Lab File: VX018019.D  
Acq: 20 Aug 2020 05:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 65.6  | 51.7  | 77.5  |
| 76      | 31.6  | 26.3  | 39.5  |





#15

Acrylonitrile

Concen: 266.309 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

Instrument :

MSVOA\_X

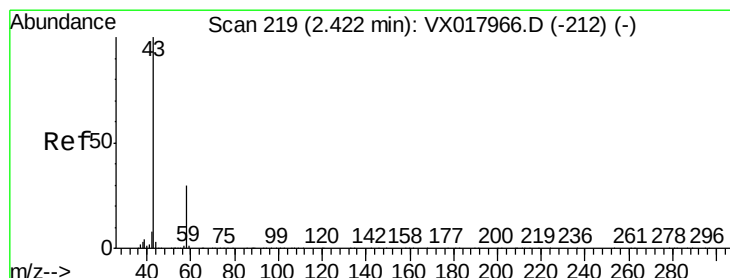
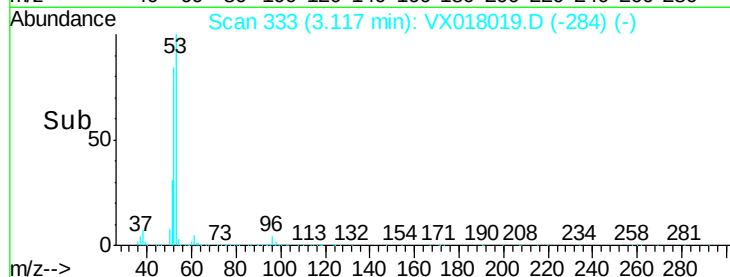
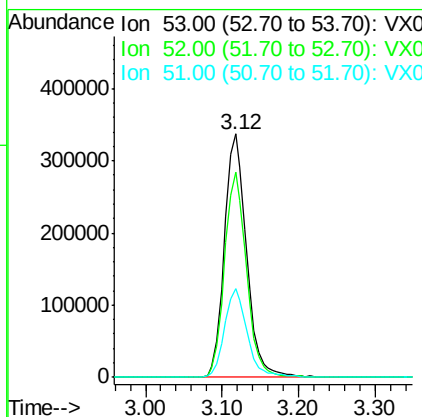
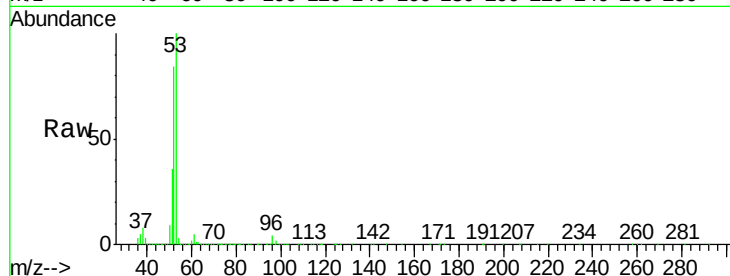
ClientSampleId :

MW-BR1-081320MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 676448 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 83.2  | 67.1  | 100.7  |
| 51       | 37.1  | 29.2  | 43.8   |

Manual Integrations  
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8/20/2020 9:17:49 AM



#16

Acetone

Concen: 258.137 ug/l

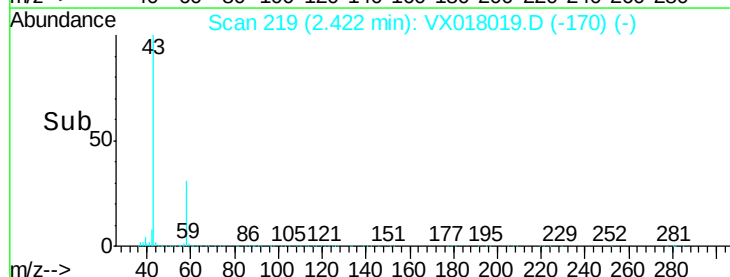
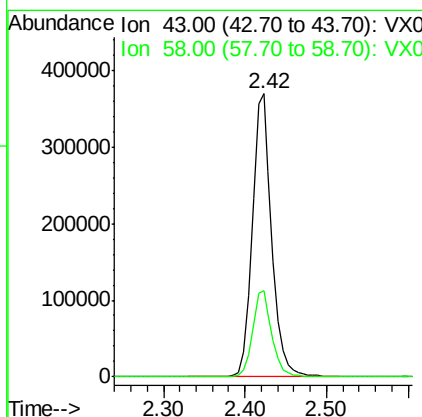
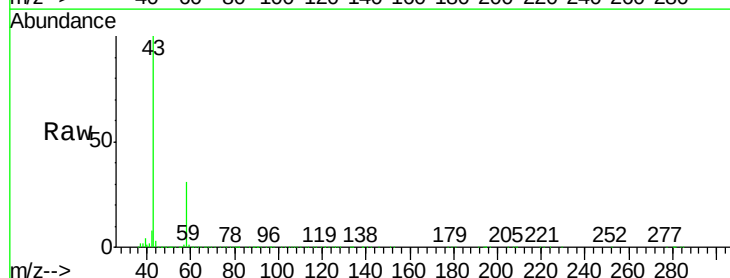
RT: 2.42 min Scan# 219

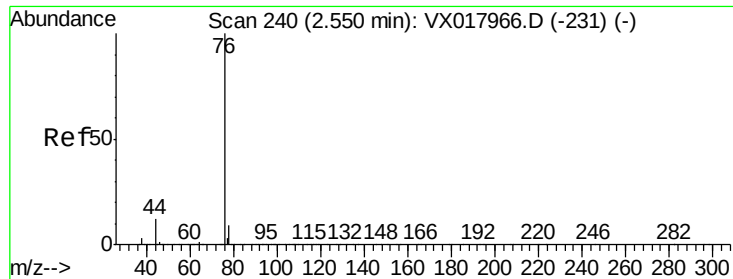
Delta R.T. 0.00 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 611776 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 30.4  | 23.8  | 35.8   |





#17

Carbon Disulfide

Concen: 51.603 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

Instrument :

MSVOA\_X

ClientSampleId :

MW-BR1-081320MSD

Tot Ion: 76 Resp: 463763

Ion Ratio Lower Upper

76 100

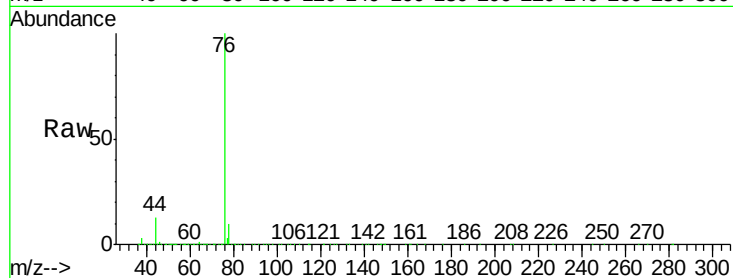
78 9.5 7.3 10.9

Manual Integrations

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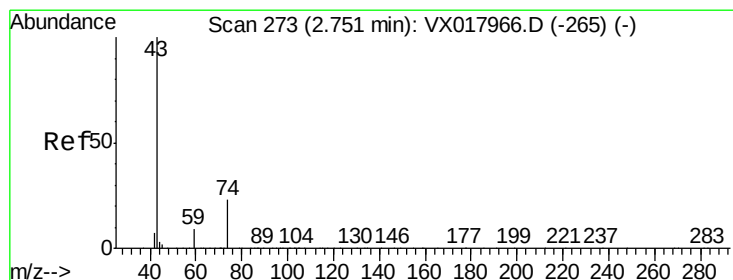
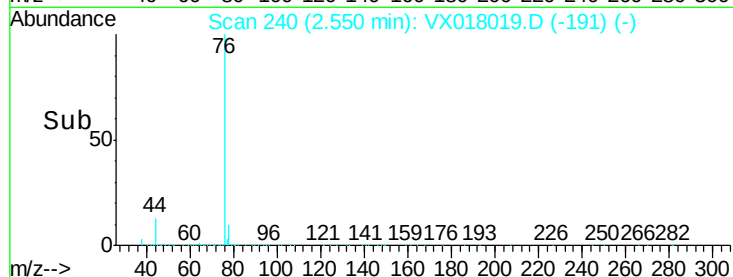
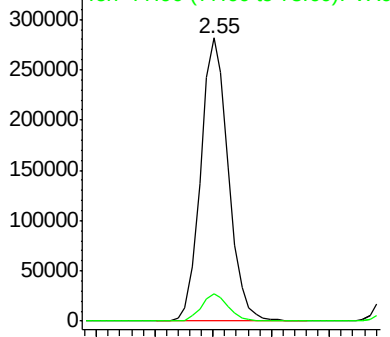
MMDadoda

8/20/2020 9:17:49 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 61.748 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX018019.D

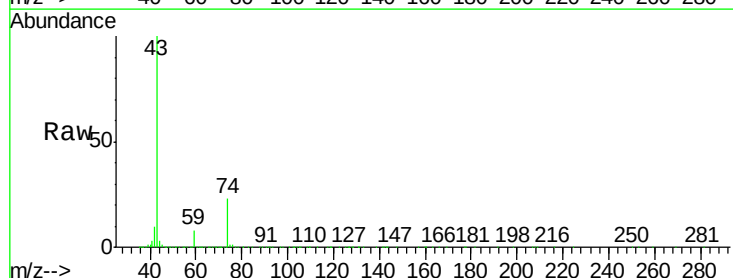
Acq: 20 Aug 2020 05:46

Tgt Ion: 43 Resp: 368236

Ion Ratio Lower Upper

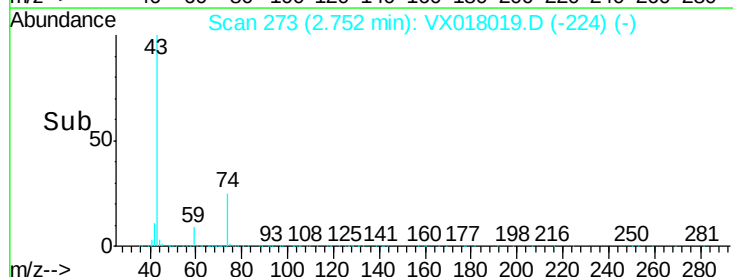
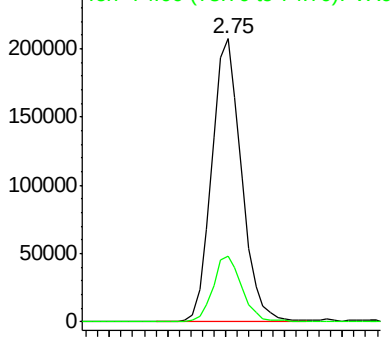
43 100

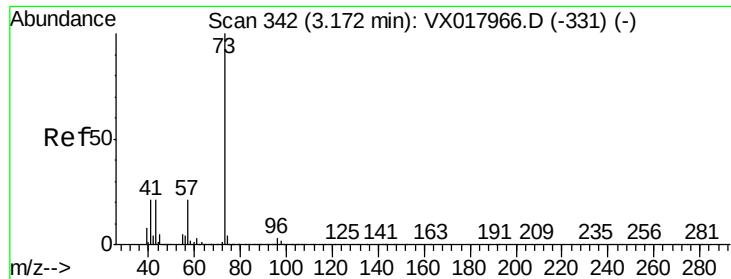
74 23.1 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





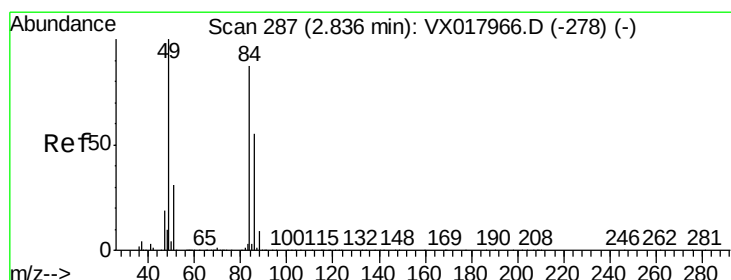
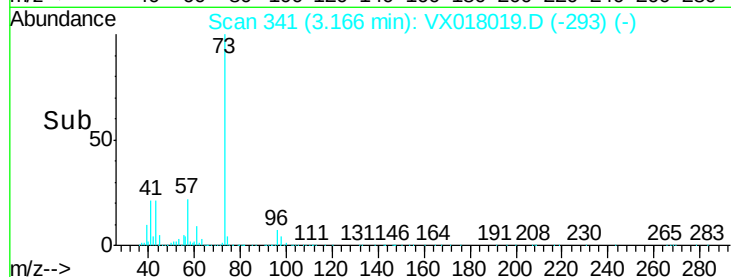
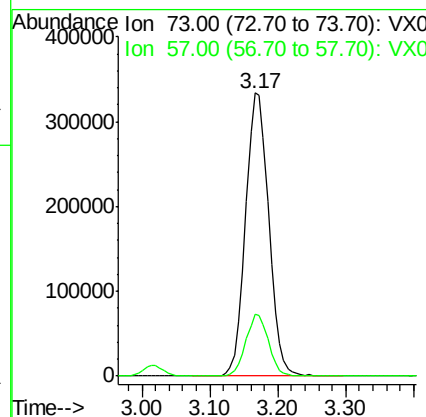
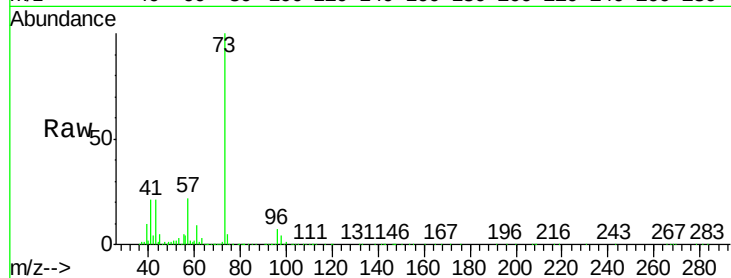
#19  
Methyl tert-butyl Ether  
Concen: 55.710 ug/l  
RT: 3.17 min Scan# 341  
Delta R.T. -0.01 min  
Lab File: VX018019.D  
Acq: 20 Aug 2020 05:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-BR1-081320MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 21.7  | 16.9  | 25.3  |

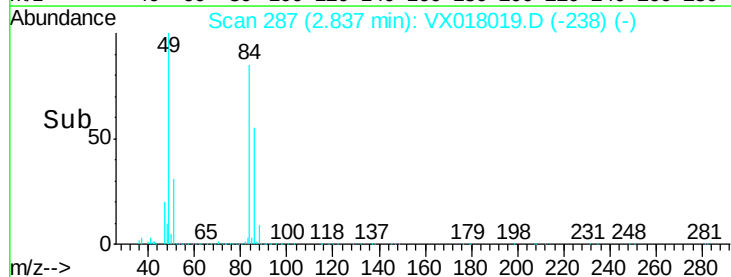
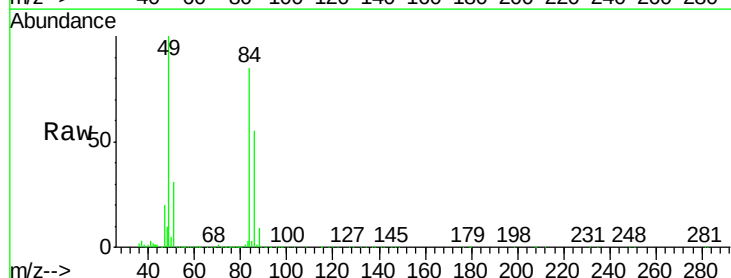
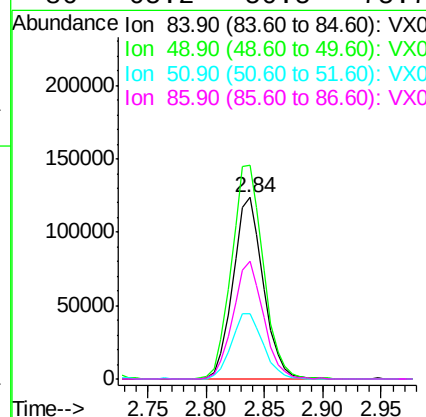
Manual Integrations  
APPROVED

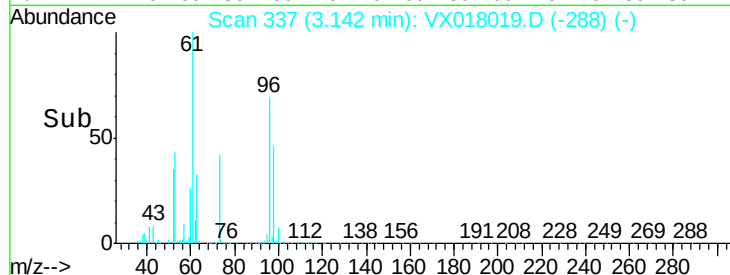
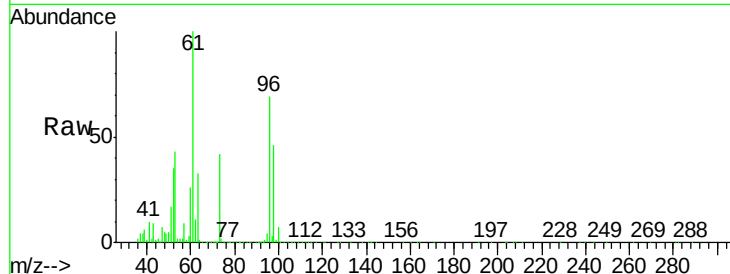
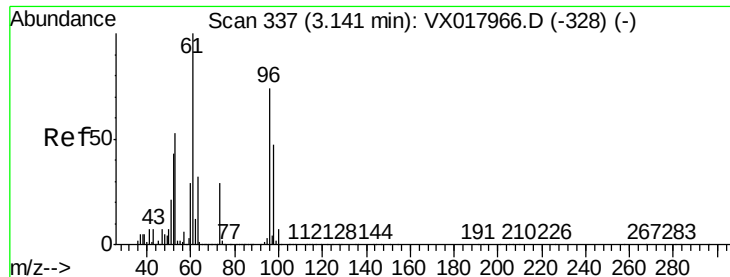
MMDadoda  
8/20/2020 9:17:49 AM



#20  
Methylene Chloride  
Concen: 51.259 ug/l  
RT: 2.84 min Scan# 287  
Delta R.T. 0.00 min  
Lab File: VX018019.D  
Acq: 20 Aug 2020 05:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 117.5 | 91.8  | 137.6 |
| 51      | 35.9  | 27.8  | 41.8  |
| 86      | 65.2  | 50.5  | 75.7  |





#21

trans-1,2-Dichloroethene

Concen: 53.451 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 96    | Resp: | 203537 |
| Ion Ratio | Lower | Upper |        |
| 96        | 100   |       |        |
| 61        | 144.8 | 108.6 | 163.0  |
| 98        | 66.5  | 51.4  | 77.0   |

Instrument :

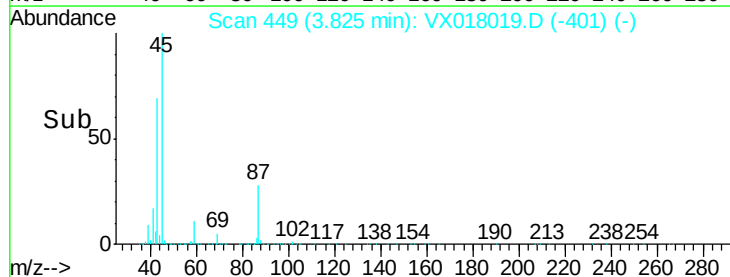
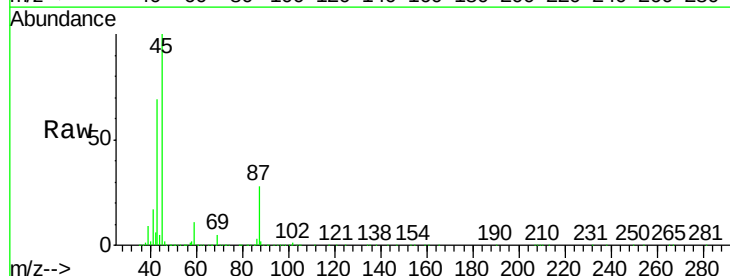
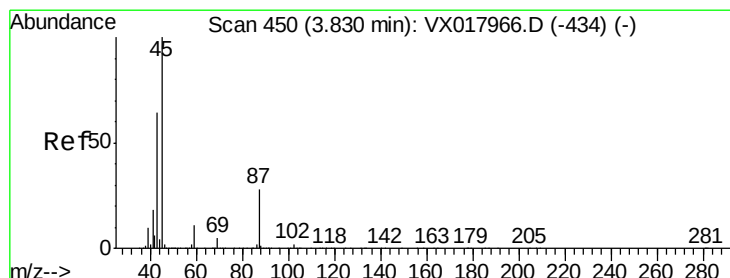
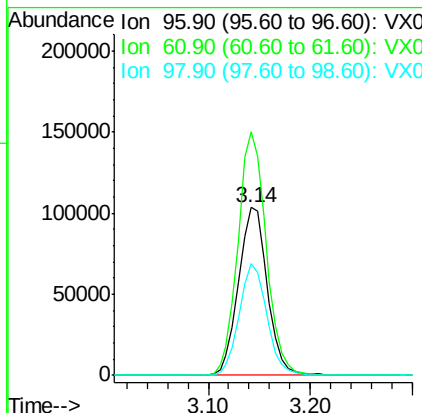
MSVOA\_X

ClientSampleId :

MW-BR1-081320MSD

Manual Integrations  
APPROVED

MMDadoda  
8/20/2020 9:17:49 AM



#22

Diisopropyl ether

Concen: 56.550 ug/l

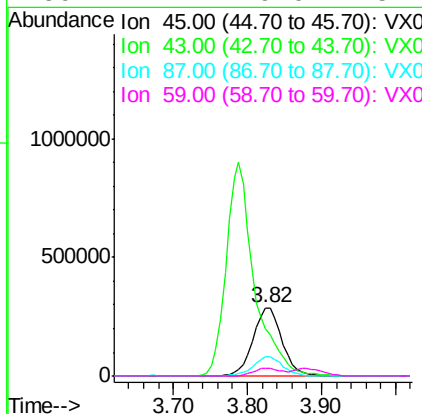
RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

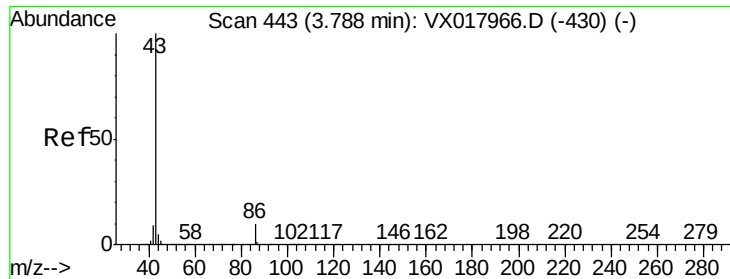
Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 783145 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 43        | 69.2  | 51.5  | 77.3   |
| 87        | 27.6  | 22.6  | 33.8   |
| 59        | 11.1  | 9.0   | 13.4   |







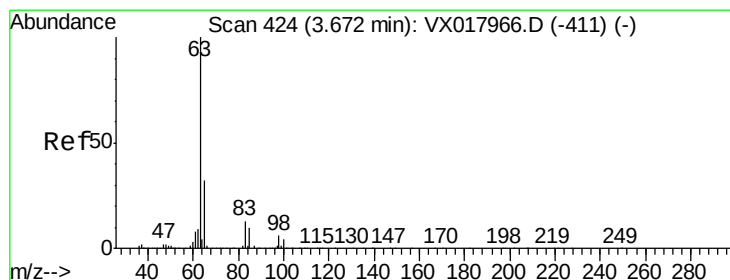
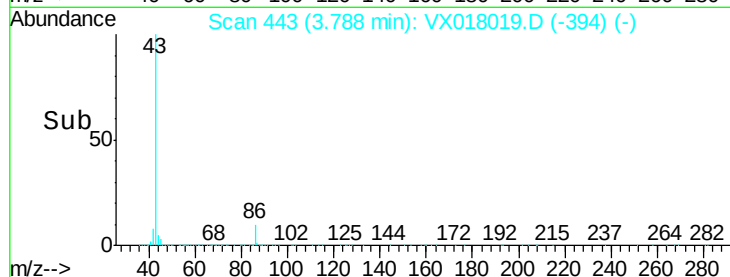
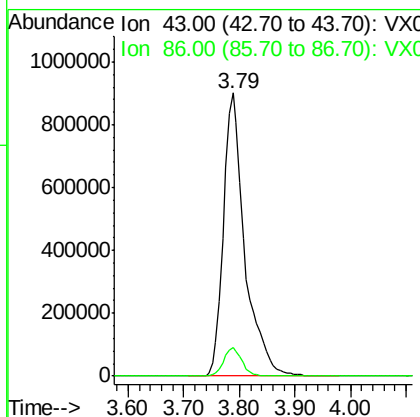
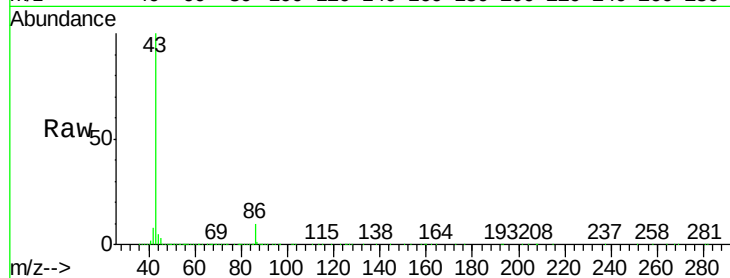
#23  
 Vinyl Acetate  
 Concen: 225.871 ug/l  
 RT: 3.79 min Scan# 443  
 Delta R.T. 0.00 min  
 Lab File: VX018019.D  
 Acq: 20 Aug 2020 05:46

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-BR1-081320MSD

Tot Ion: 43 Resp: 2390399  
 Ion Ratio Lower Upper  
 43 100  
 86 10.2 8.1 12.1

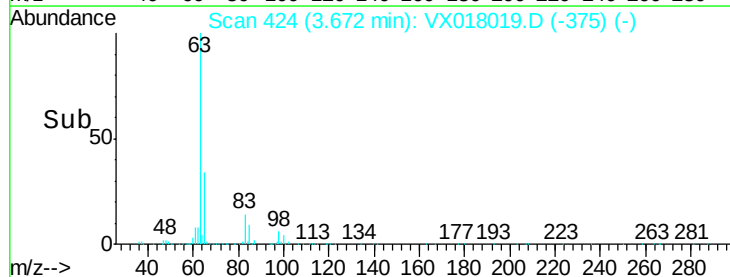
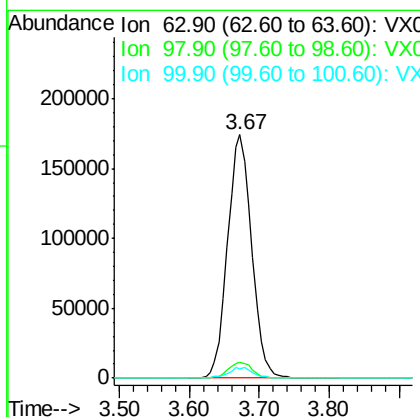
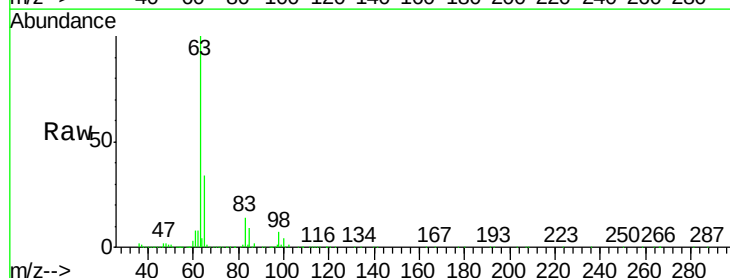
Manual Integrations  
 APPROVED

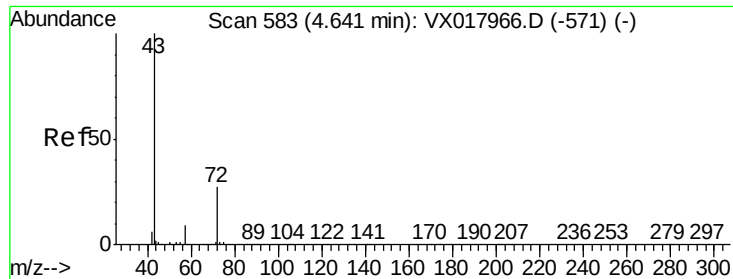
MMDadoda  
 8/20/2020 9:17:49 AM



#24  
 1,1-Dichloroethane  
 Concen: 54.281 ug/l  
 RT: 3.67 min Scan# 424  
 Delta R.T. 0.00 min  
 Lab File: VX018019.D  
 Acq: 20 Aug 2020 05:46

Tgt Ion: 63 Resp: 416714  
 Ion Ratio Lower Upper  
 63 100  
 98 6.5 3.0 9.0  
 100 3.7 2.0 5.8





#25

2-Butanone

Concen: 260.239 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

Instrument :

MSVOA\_X

ClientSampleId :

MW-BR1-081320MSD

Tot Ion: 43 Resp: 933724

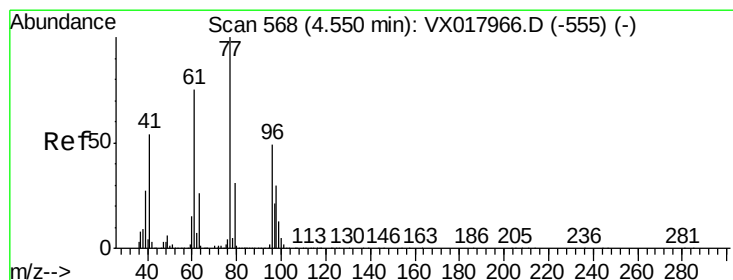
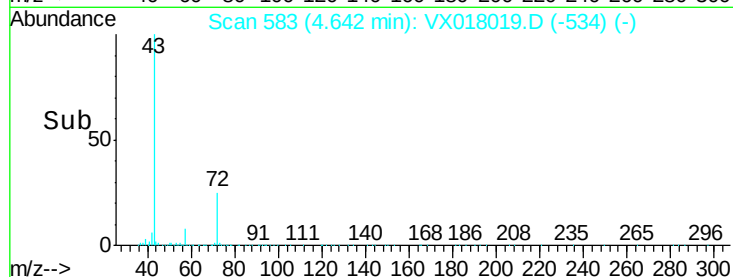
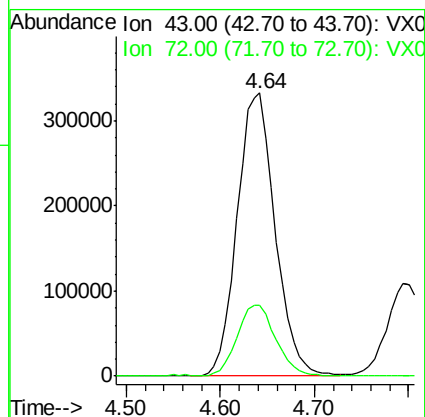
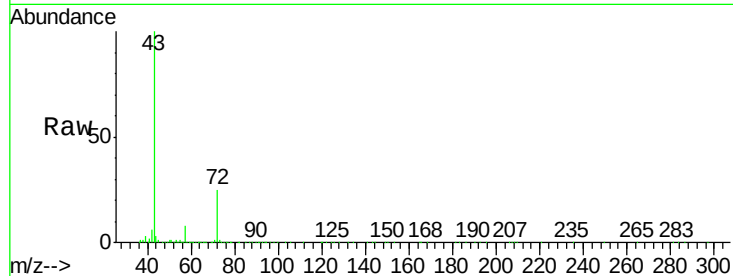
Ion Ratio Lower Upper

43 100

72 25.1 21.4 32.2

Manual Integrations  
APPROVED

MMDadoda  
8/20/2020 9:17:49 AM



#26

2,2-Dichloropropane

Concen: 35.168 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX018019.D

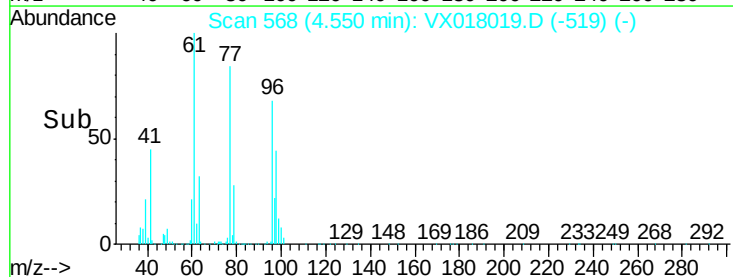
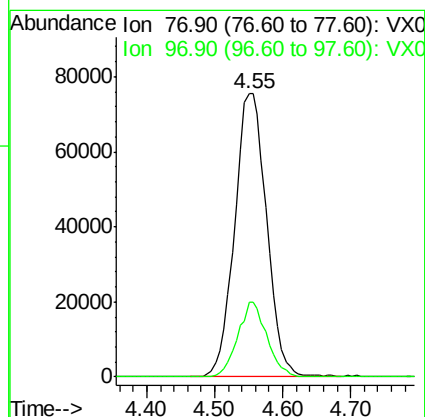
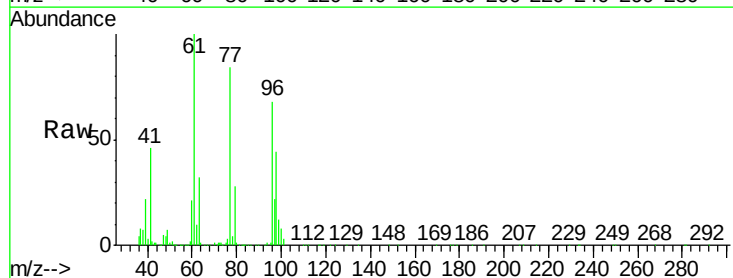
Acq: 20 Aug 2020 05:46

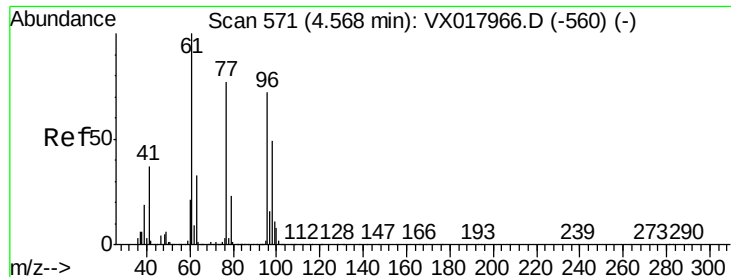
Tgt Ion: 77 Resp: 245857

Ion Ratio Lower Upper

77 100

97 24.1 10.9 32.9





#27

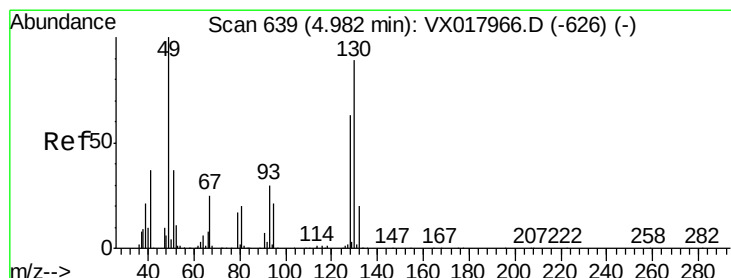
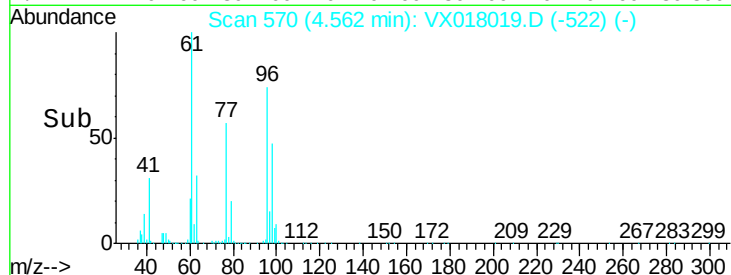
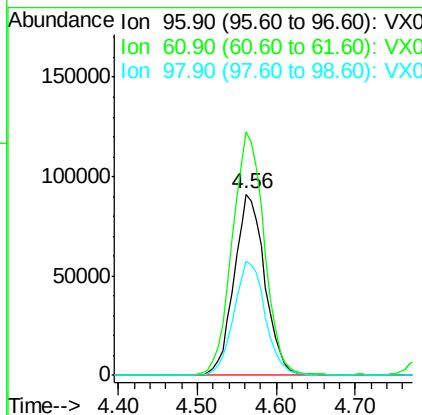
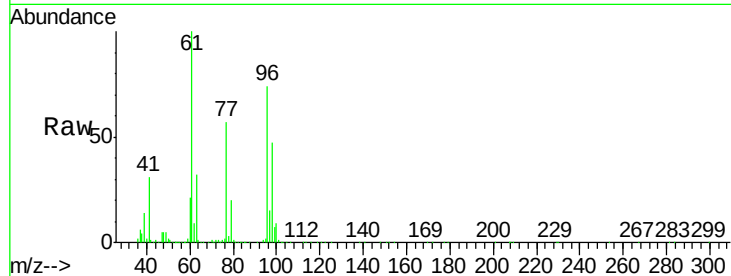
cis-1,2-Dichloroethene  
Concen: 54.991 ug/l  
RT: 4.56 min Scan# 570  
Delta R.T. -0.01 min  
Lab File: VX018019.D  
Acq: 20 Aug 2020 05:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-BR1-081320MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 247017 |       |       |
| 61      | 140.7 | 0.0    | 298.8 |       |
| 98      | 64.6  | 0.0    | 130.2 |       |

Manual Integrations  
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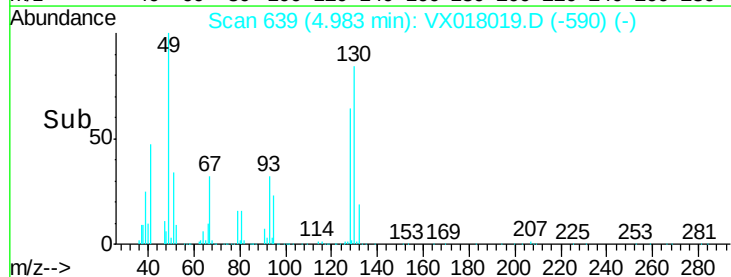
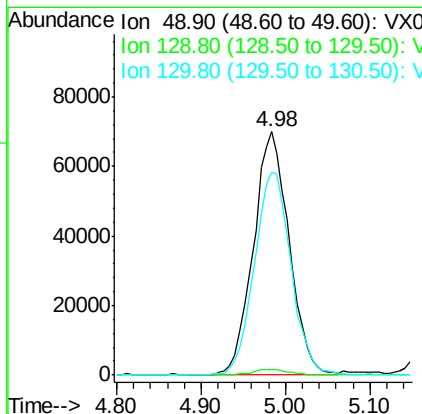
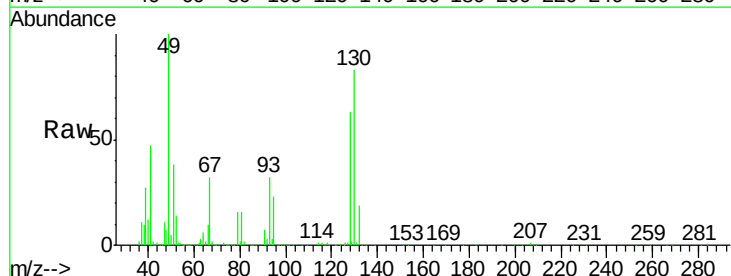
MMDadoda  
8/20/2020 9:17:49 AM

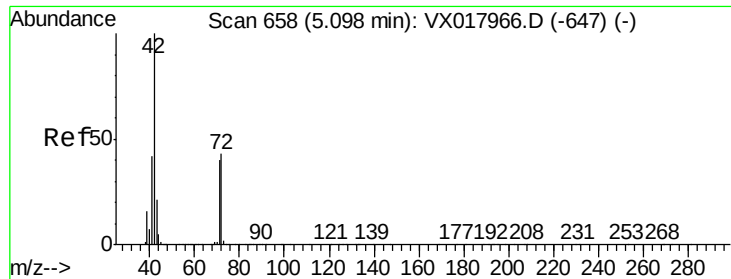


#28

Bromochloromethane  
Concen: 51.097 ug/l  
RT: 4.98 min Scan# 639  
Delta R.T. 0.00 min  
Lab File: VX018019.D  
Acq: 20 Aug 2020 05:46

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 49      | 100   | 202722 |       |       |
| 129     | 2.6   | 0.0    | 3.6   |       |
| 130     | 86.0  | 68.5   | 102.7 |       |





#29

Tetrahydrofuran

Concen: 269.090 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

Instrument :

MSVOA\_X

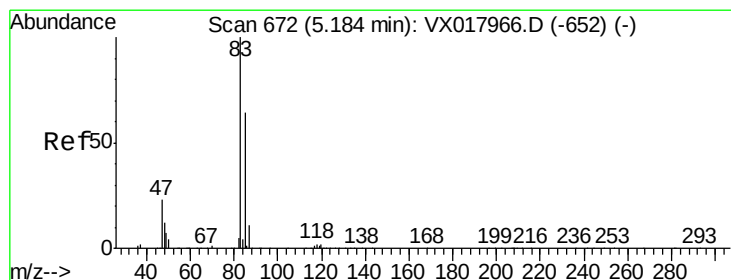
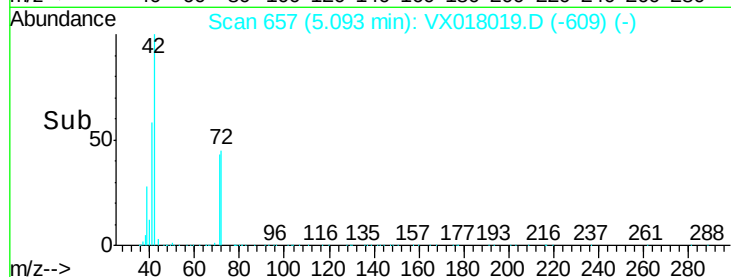
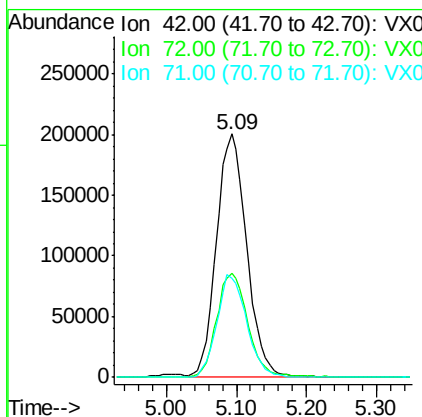
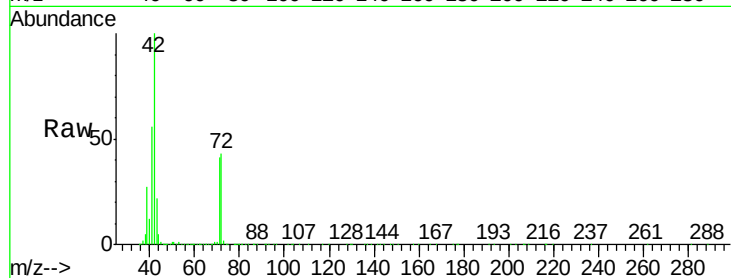
ClientSampleId :

MW-BR1-081320MSD

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 42   | Resp: | 599623 |
| Ion Ratio |      | Lower | Upper  |
| 42        | 100  |       |        |
| 72        | 44.6 | 35.9  | 53.9   |
| 71        | 41.4 | 33.0  | 49.4   |

Manual Integrations  
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MMDadoda  
8/20/2020 9:17:49 AM



#30

Chloroform

Concen: 54.367 ug/l

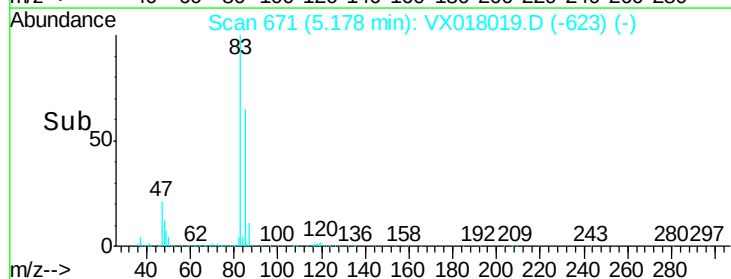
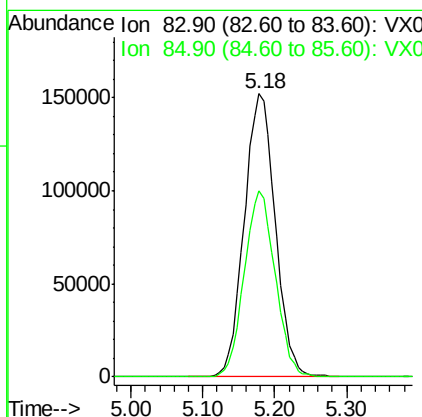
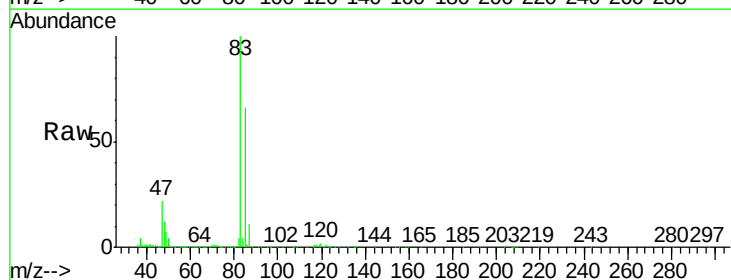
RT: 5.18 min Scan# 671

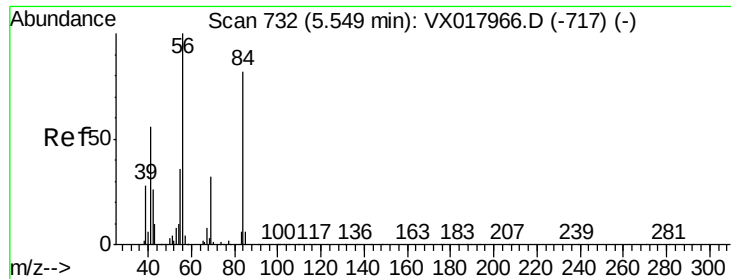
Delta R.T. -0.01 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 83   | Resp: | 456200 |
| Ion Ratio |      | Lower | Upper  |
| 83        | 100  |       |        |
| 85        | 66.0 | 51.3  | 76.9   |





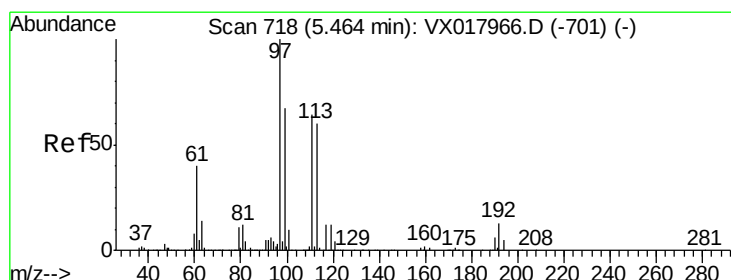
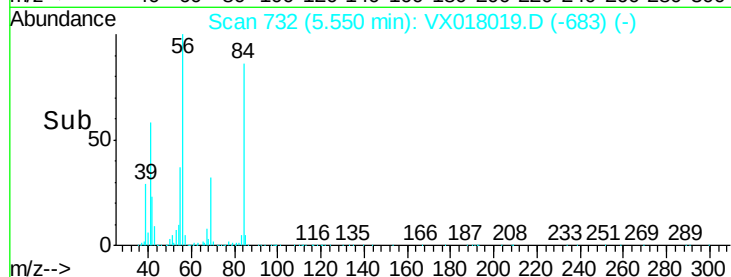
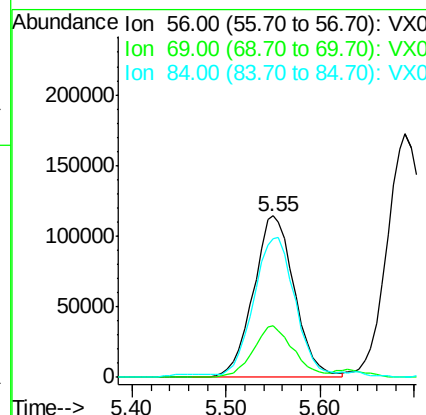
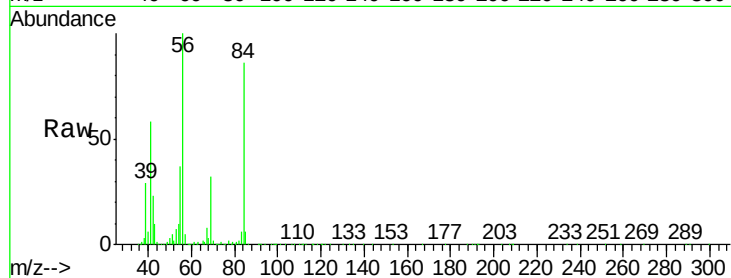
#31  
Cyclohexane  
Concen: 55.970 ug/l  
RT: 5.55 min Scan# 732  
Delta R.T. 0.00 min  
Lab File: VX018019.D  
Acq: 20 Aug 2020 05:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-BR1-081320MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 32.1  | 25.3  | 37.9  |
| 84      | 83.8  | 65.3  | 97.9  |

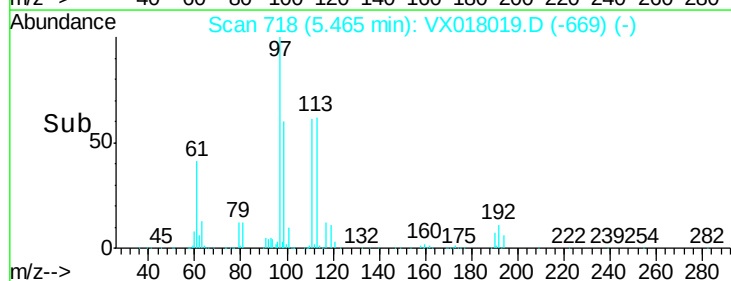
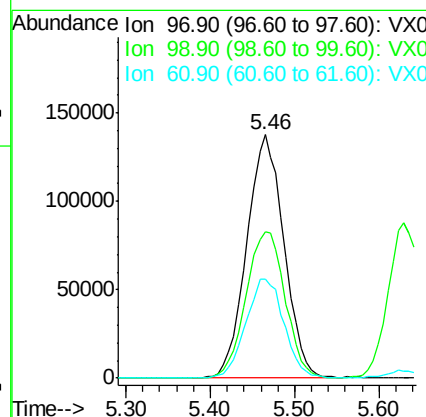
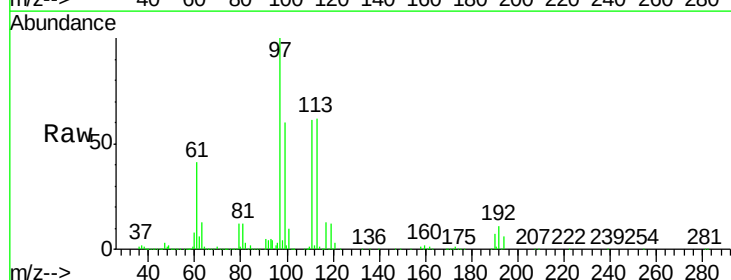
Manual Integrations  
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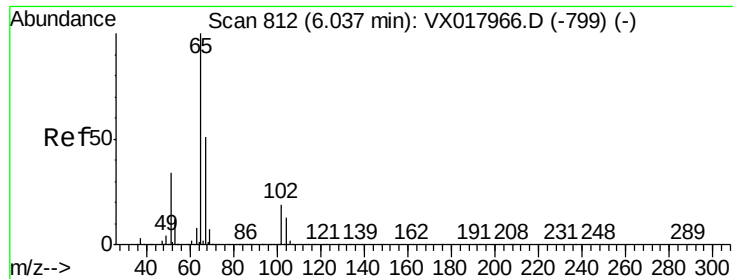
MMDadoda  
8/20/2020 9:17:49 AM



#32  
1,1,1-Trichloroethane  
Concen: 54.247 ug/l  
RT: 5.46 min Scan# 718  
Delta R.T. 0.00 min  
Lab File: VX018019.D  
Acq: 20 Aug 2020 05:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 63.2  | 51.4  | 77.0  |
| 61      | 41.7  | 33.7  | 50.5  |





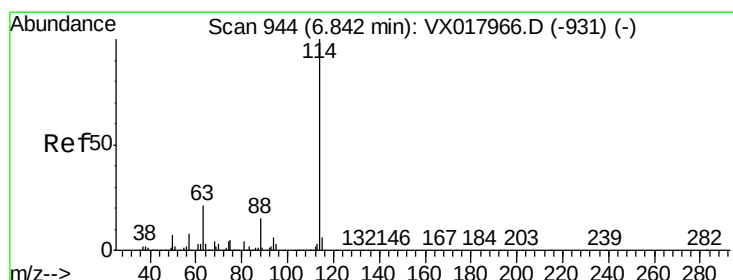
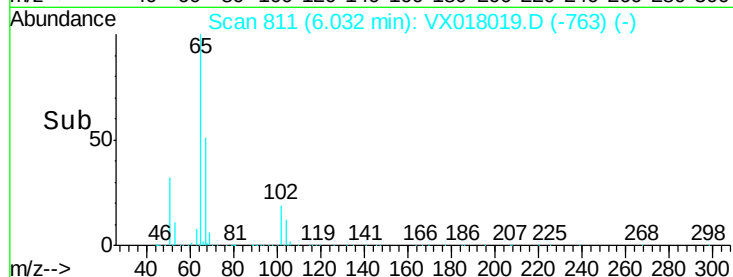
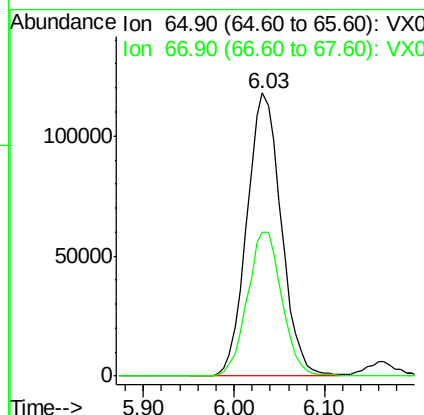
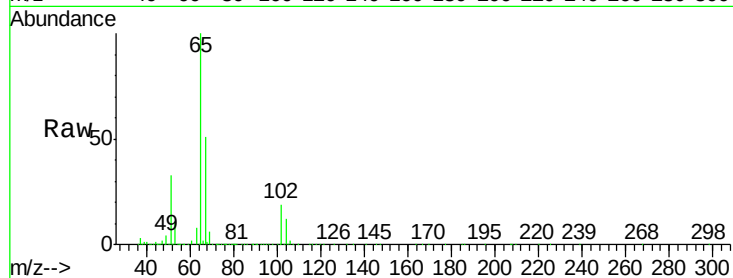
#33  
 1,2-Dichloroethane-d4  
 Concen: 51.395 ug/l  
 RT: 6.03 min Scan# 811  
 Delta R.T. -0.01 min  
 Lab File: VX018019.D  
 Acq: 20 Aug 2020 05:46

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-BR1-081320MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 309613 |       |       |
| 67      | 51.5  | 0.0    | 103.0 |       |

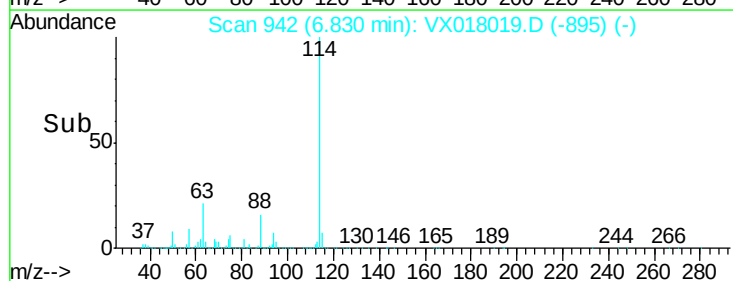
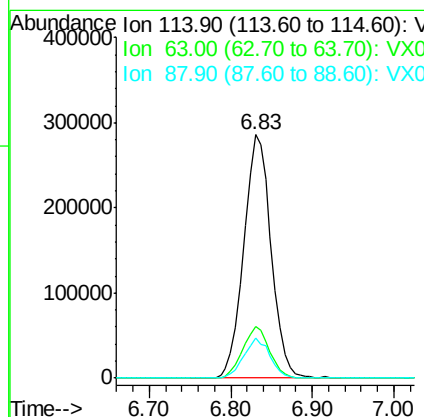
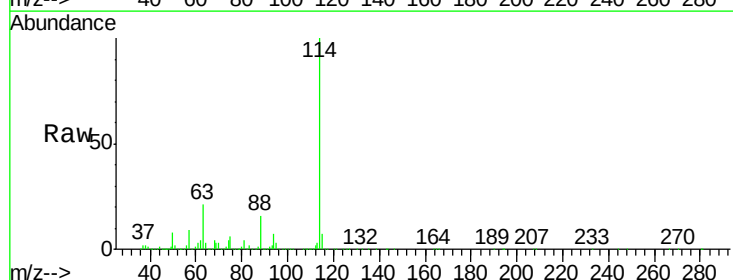
Manual Integrations  
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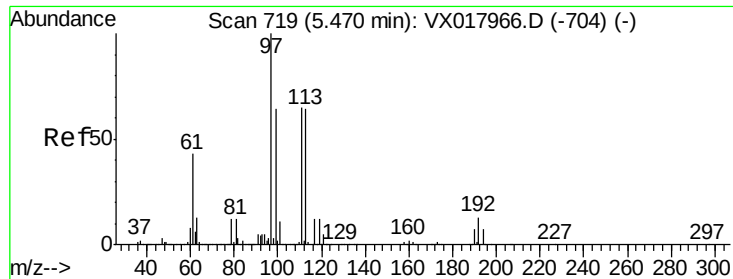
MMDadoda  
 8/20/2020 9:17:49 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.83 min Scan# 942  
 Delta R.T. -0.01 min  
 Lab File: VX018019.D  
 Acq: 20 Aug 2020 05:46

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 663500 |       |       |
| 63      | 20.9  | 0.0    | 42.6  |       |
| 88      | 16.3  | 0.0    | 30.2  |       |





#35

Dibromofluoromethane

Concen: 48.528 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

Instrument :

MSVOA\_X

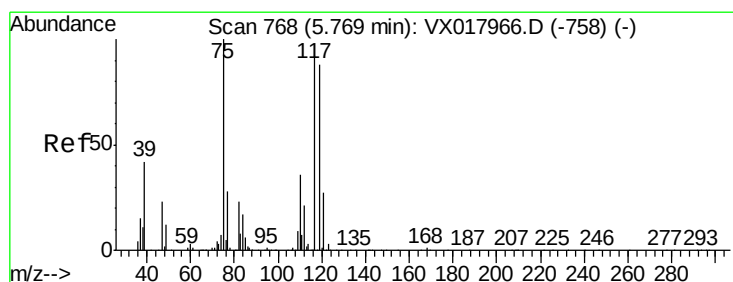
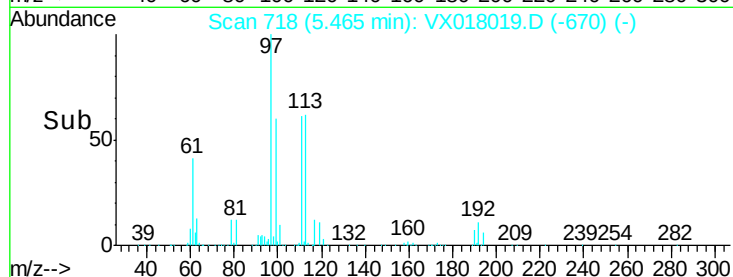
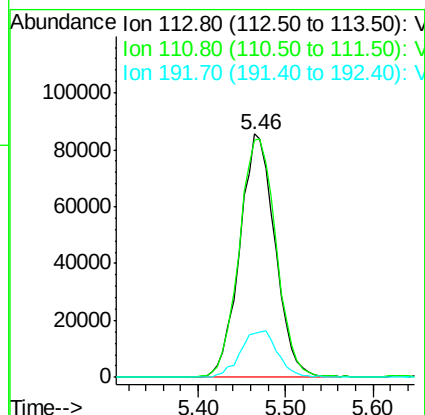
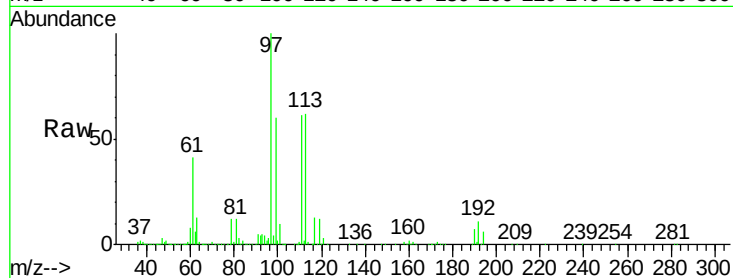
ClientSampleId :

MW-BR1-081320MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 239778 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 103.3 | 83.5  | 125.3  |
| 192       | 20.3  | 16.2  | 24.4   |

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#36

1,1-Dichloropropene

Concen: 51.465 ug/l

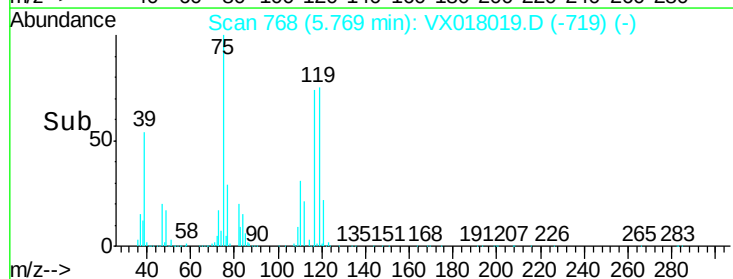
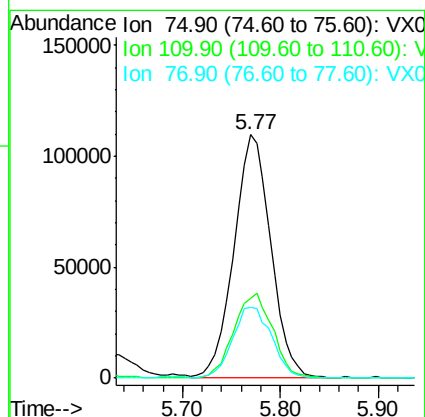
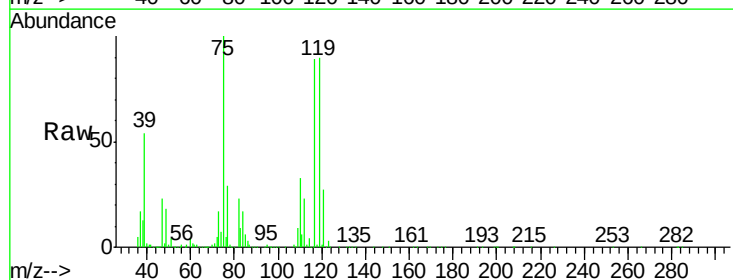
RT: 5.77 min Scan# 768

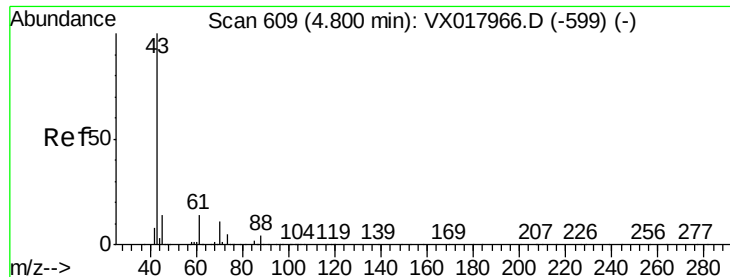
Delta R.T. 0.00 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 285811 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 36.9  | 18.7  | 56.1   |
| 77        | 30.9  | 24.4  | 36.6   |





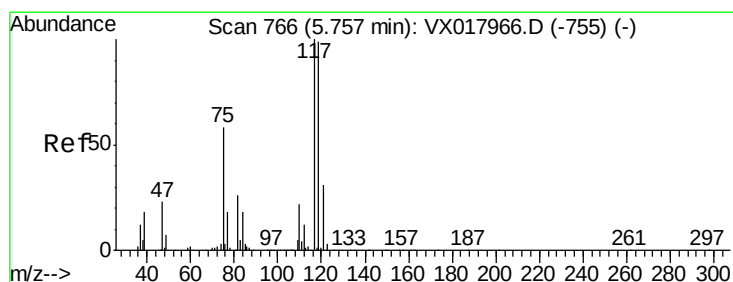
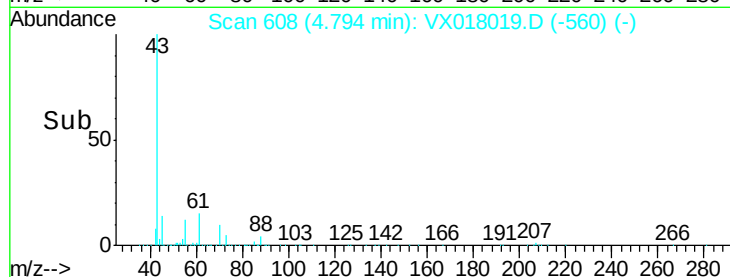
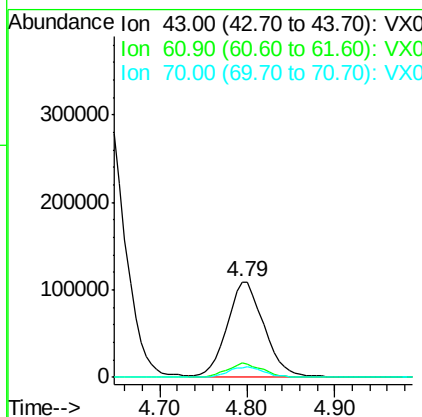
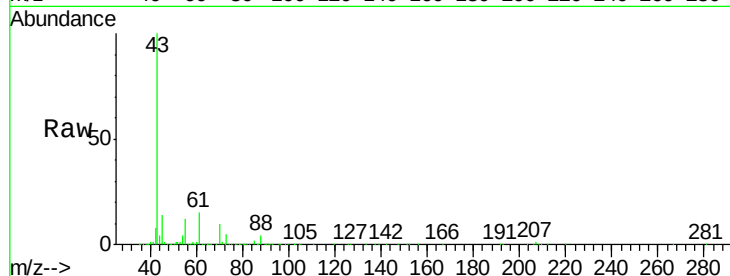
#37  
Ethyl Acetate  
Concen: 48.079 ug/l  
RT: 4.79 min Scan# 608  
Delta R.T. -0.01 min  
Lab File: VX018019.D  
Acq: 20 Aug 2020 05:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-BR1-081320MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 43    | Resp: | 319468 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 61        | 14.1  | 11.3  | 16.9   |
| 70        | 11.1  | 8.5   | 12.7   |

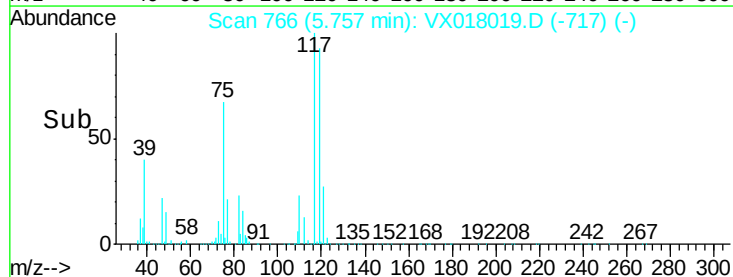
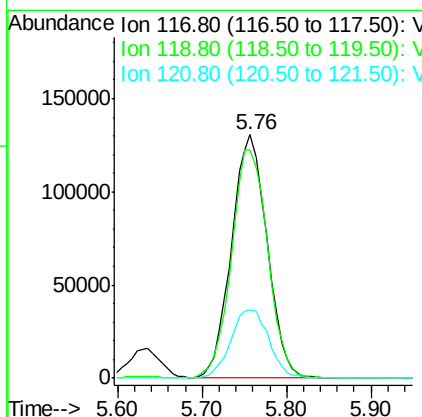
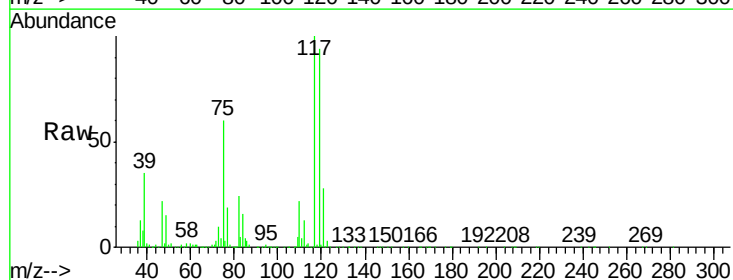
Manual Integrations  
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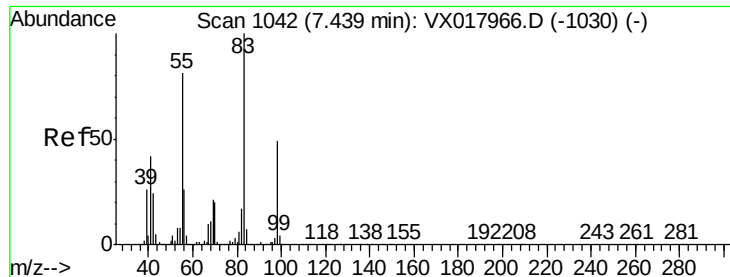


#38  
Carbon Tetrachloride  
Concen: 51.779 ug/l  
RT: 5.76 min Scan# 766  
Delta R.T. 0.00 min  
Lab File: VX018019.D  
Acq: 20 Aug 2020 05:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 372160 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 94.0  | 79.0  | 118.6  |
| 121       | 27.8  | 24.7  | 37.1   |







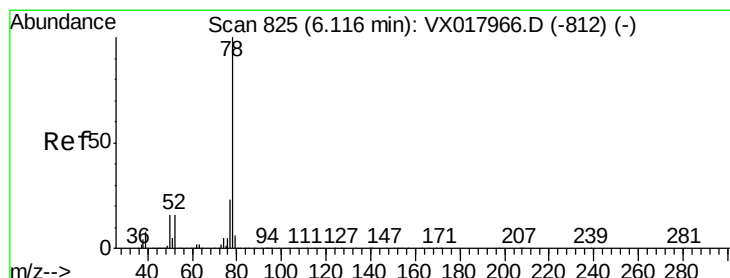
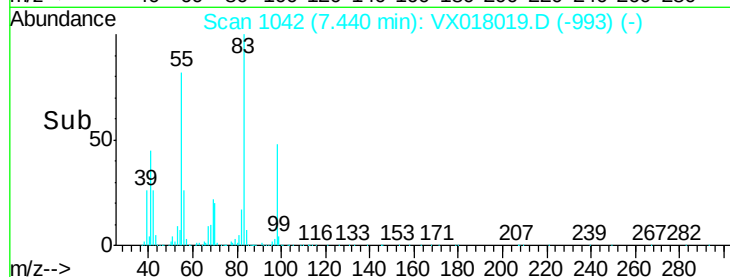
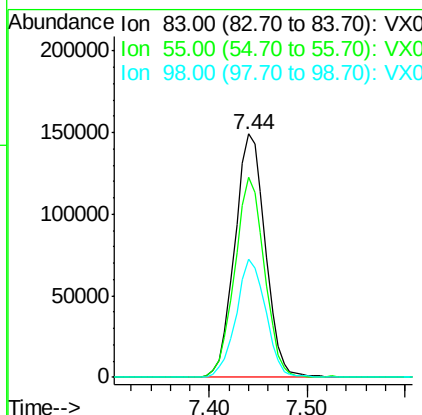
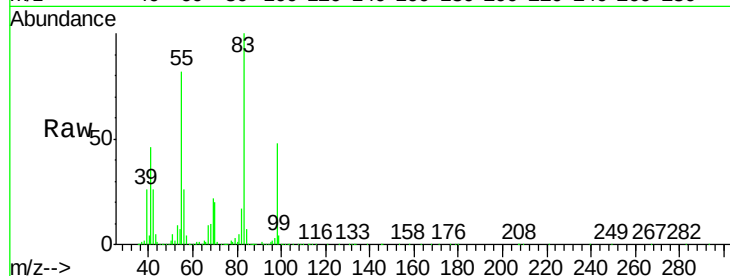
#39  
Methylvlcyclohexane  
Concen: 45.528 ug/l  
RT: 7.44 min Scan# 1042  
Delta R.T. 0.00 min  
Lab File: VX018019.D  
Acq: 20 Aug 2020 05:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-BR1-081320MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 83      | 100   |      |       |       |
| 55      | 82.1  | 64.5 | 96.7  |       |
| 98      | 48.3  | 39.0 | 58.6  |       |

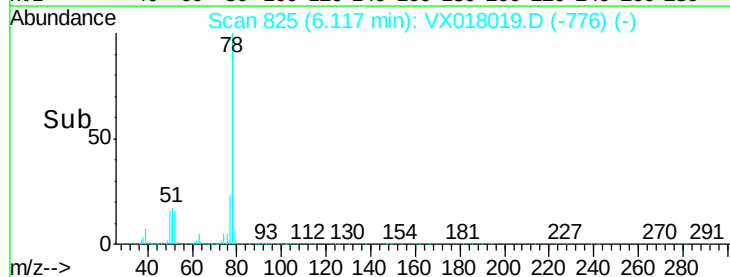
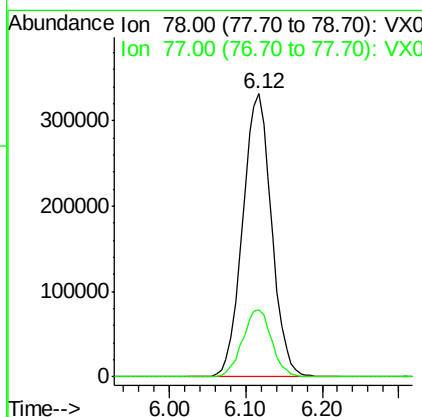
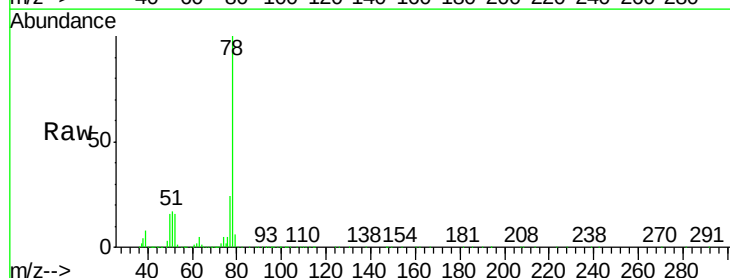
Manual Integrations  
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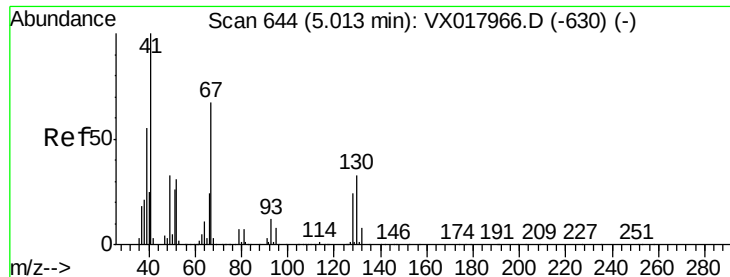
MMDadoda  
8/20/2020 9:17:49 AM



#40  
Benzene  
Concen: 51.877 ug/l  
RT: 6.12 min Scan# 825  
Delta R.T. 0.00 min  
Lab File: VX018019.D  
Acq: 20 Aug 2020 05:46

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 78      | 100   |      |       |       |
| 77      | 23.8  | 18.8 | 28.2  |       |





#41

Methacrylonitrile

Concen: 53.442 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.01 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

Instrument :

MSVOA\_X

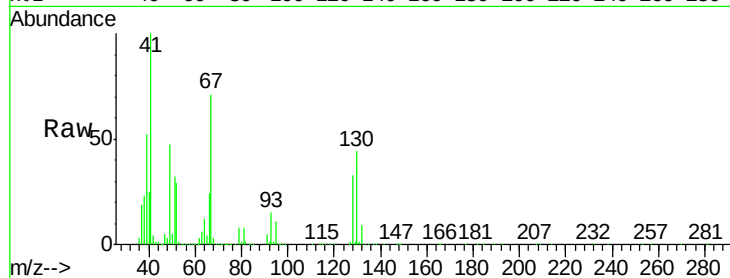
ClientSampleId :

MW-BR1-081320MSD

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 41      | 100  |       | 203533 |       |       |
| 39      | 52.2 | 44.8  | 67.2   |       |       |
| 67      | 71.3 | 57.5  | 86.3   |       |       |
| 52      | 30.1 | 25.6  | 38.4   |       |       |

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8/20/2020 9:17:49 AM

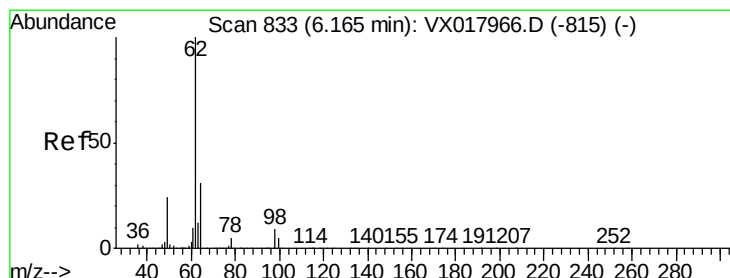
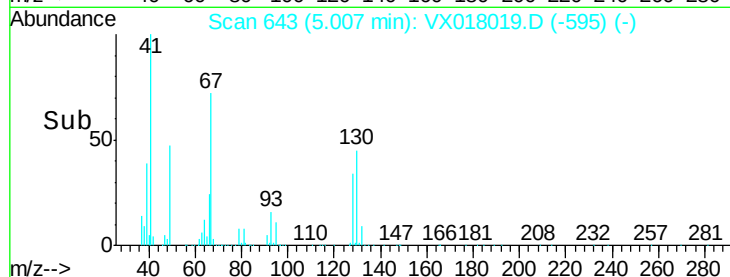
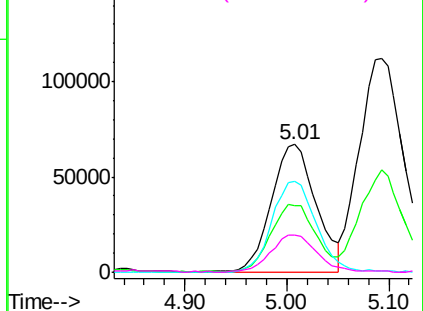


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 52.663 ug/l

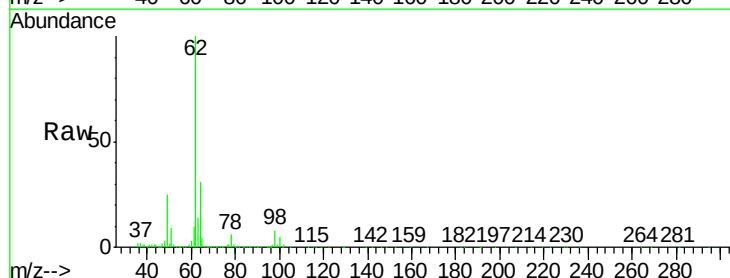
RT: 6.17 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX018019.D

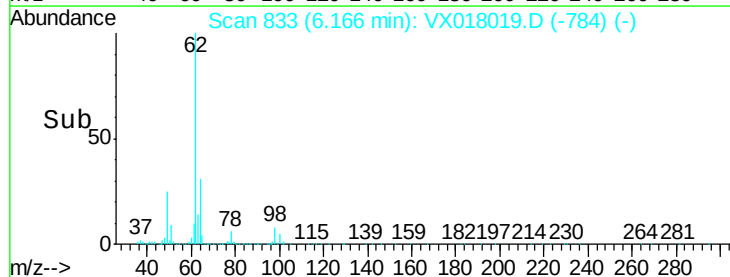
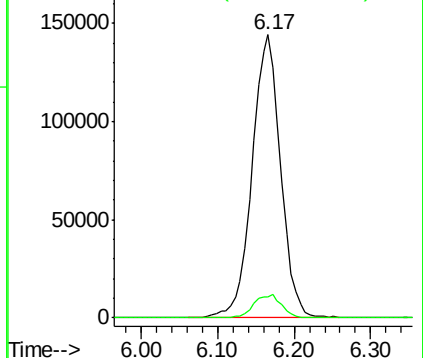
Acq: 20 Aug 2020 05:46

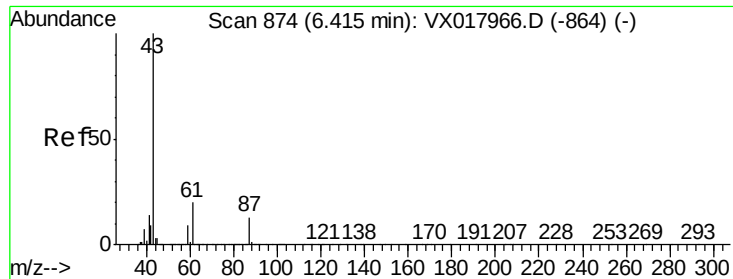
| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 62      | 100 |       | 374175 |       |       |
| 98      | 8.2 | 0.0   | 17.2   |       |       |



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





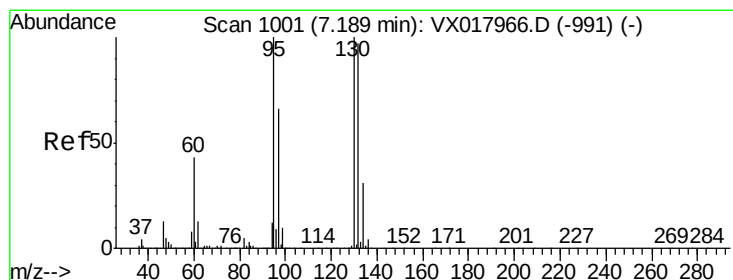
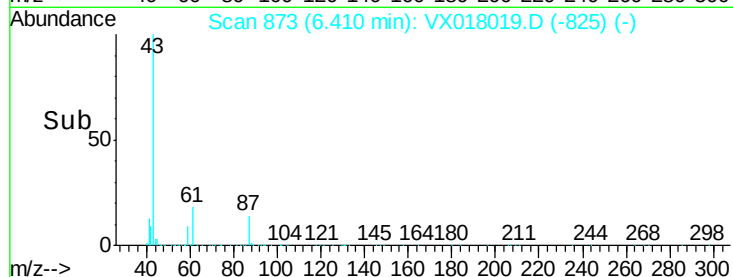
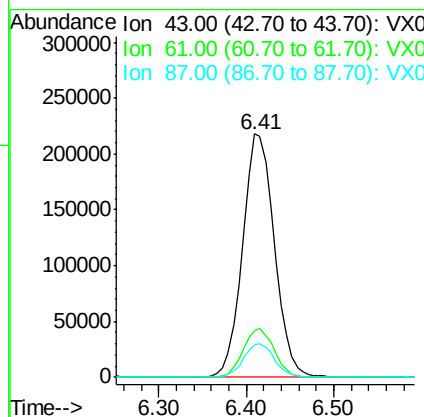
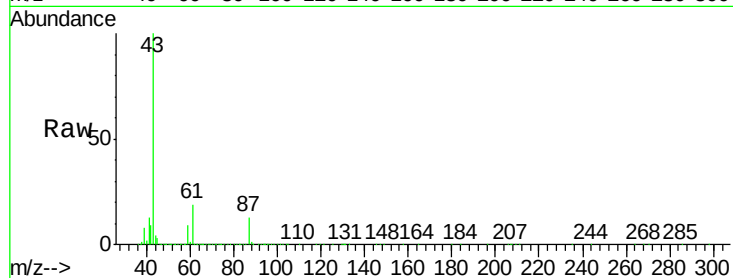
#43  
Isopropyl Acetate  
Concen: 50.998 ug/l  
RT: 6.41 min Scan# 873  
Delta R.T. -0.01 min  
Lab File: VX018019.D  
Acq: 20 Aug 2020 05:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-BR1-081320MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 547034 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 19.8  | 16.2  | 24.4   |
| 87       | 13.5  | 10.8  | 16.2   |

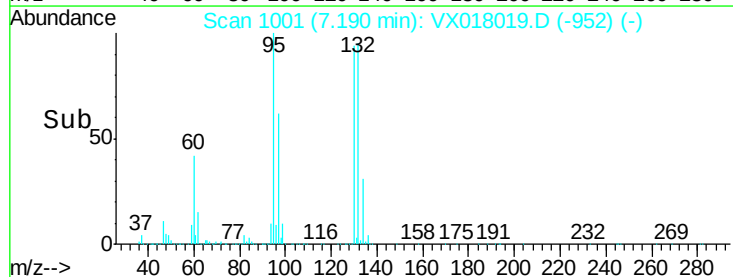
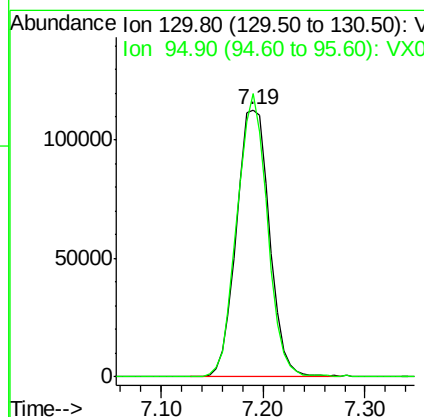
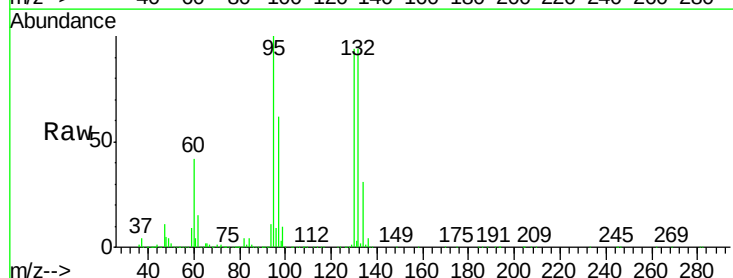
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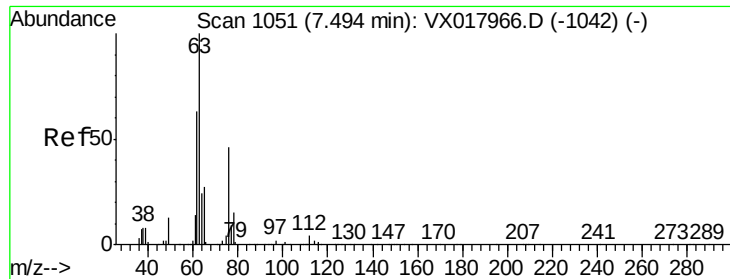
MMDadoda  
8/20/2020 9:17:49 AM



#44  
Trichloroethene  
Concen: 51.251 ug/l  
RT: 7.19 min Scan# 1001  
Delta R.T. 0.00 min  
Lab File: VX018019.D  
Acq: 20 Aug 2020 05:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 254223 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 105.9 | 0.0   | 200.6  |





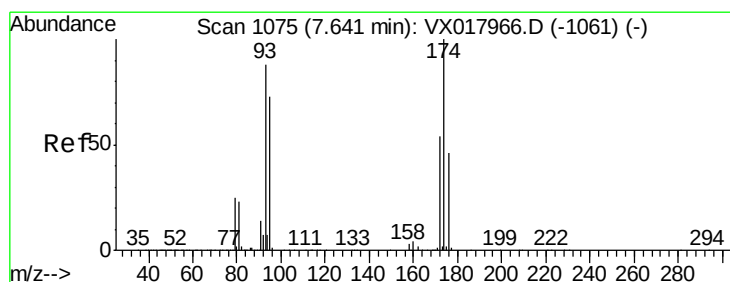
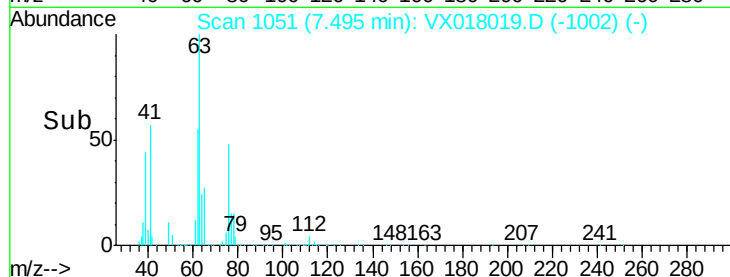
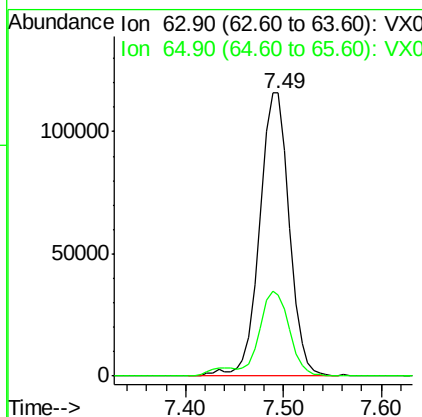
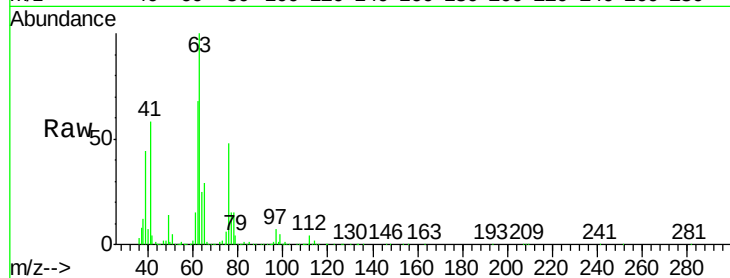
#45  
 1,2-Dichloropropane  
 Concen: 51.550 ug/l  
 RT: 7.49 min Scan# 1051  
 Delta R.T. 0.00 min  
 Lab File: VX018019.D  
 Acq: 20 Aug 2020 05:46

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-BR1-081320MSD

| Tot Ion   | 63   | Resp  | 247055 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 63        | 100  |       |        |
| 65        | 28.6 | 23.8  | 35.8   |

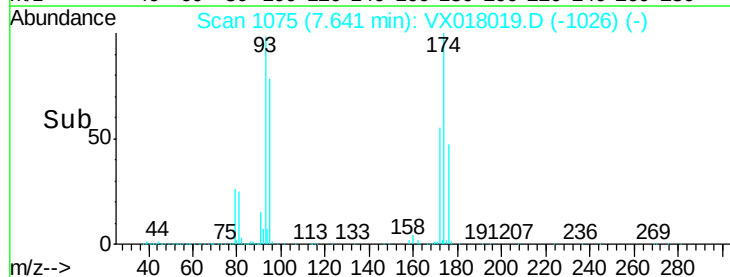
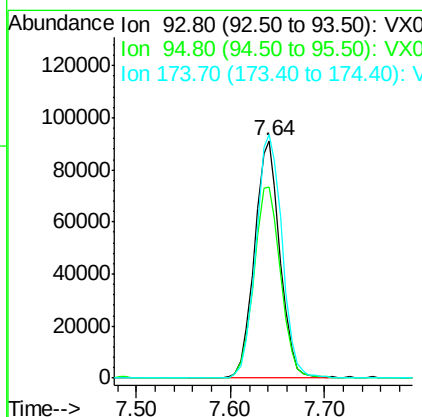
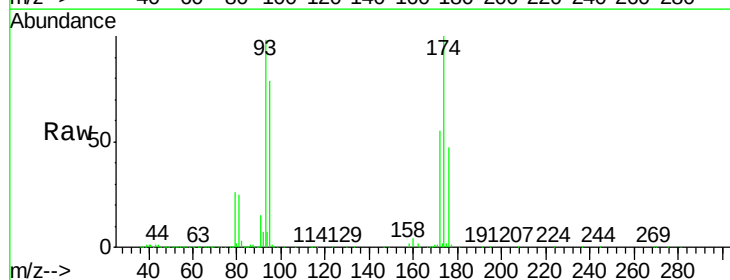
Manual Integrations  
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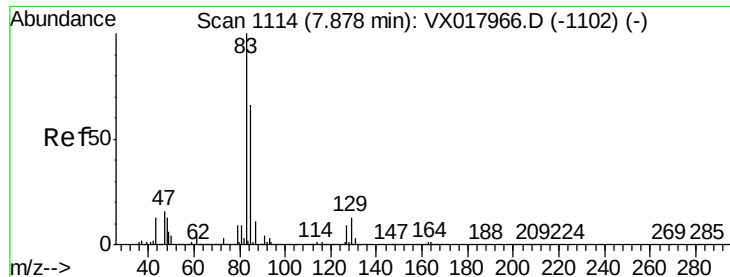
MMDadoda  
 8/20/2020 9:17:49 AM



#46  
 Dibromomethane  
 Concen: 51.814 ug/l  
 RT: 7.64 min Scan# 1075  
 Delta R.T. 0.00 min  
 Lab File: VX018019.D  
 Acq: 20 Aug 2020 05:46

| Tgt Ion   | 93    | Resp  | 173306 |
|-----------|-------|-------|--------|
| Ion Ratio | 100   | Lower | Upper  |
| 93        | 100   |       |        |
| 95        | 84.9  | 66.8  | 100.2  |
| 174       | 105.7 | 88.3  | 132.5  |





#47

Bromodichloromethane

Concen: 51.806 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

Instrument :

MSVOA\_X

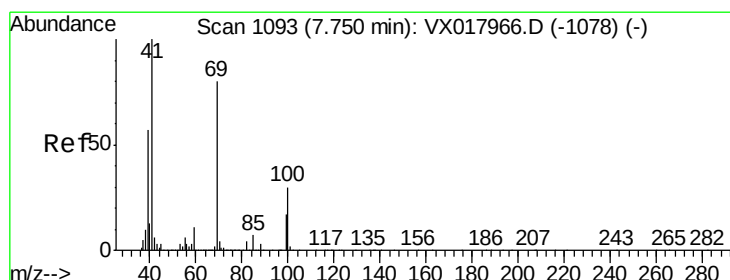
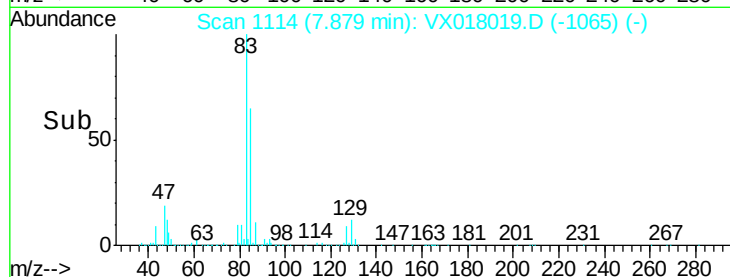
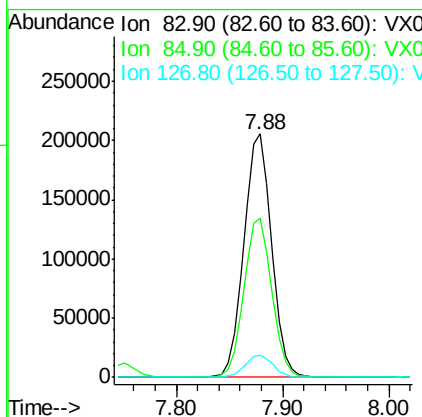
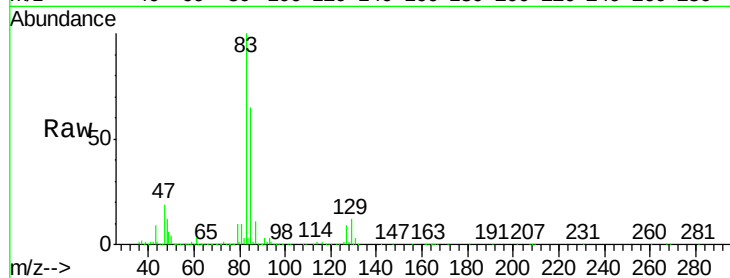
ClientSampleId :

MW-BR1-081320MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 376175 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 65.2  | 52.4  | 78.6   |
| 127       | 9.1   | 7.0   | 10.6   |

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#48

Methyl methacrylate

Concen: 53.532 ug/l

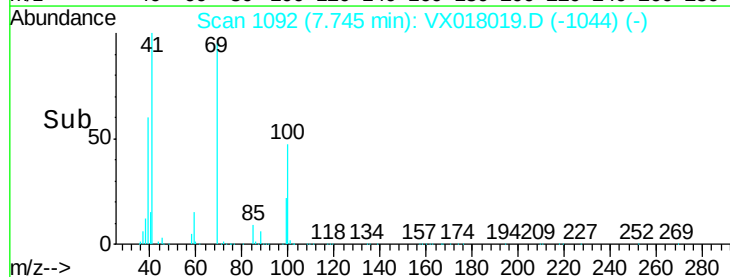
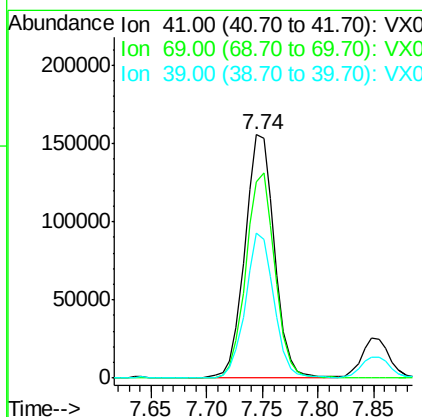
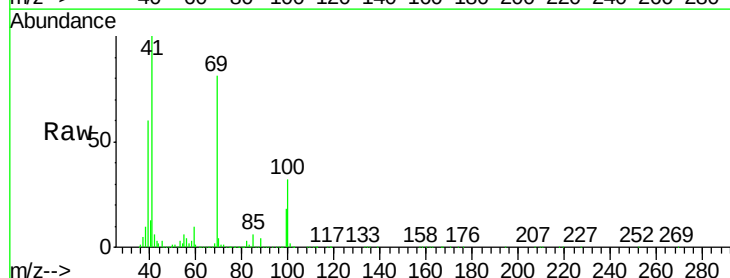
RT: 7.74 min Scan# 1092

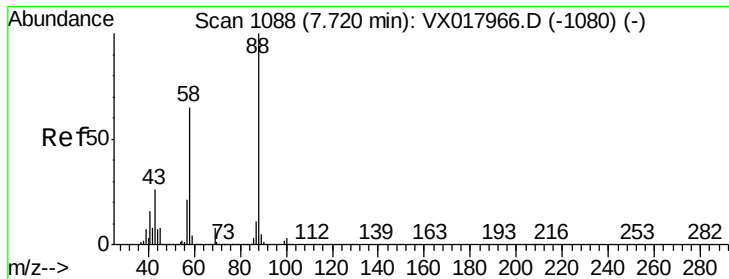
Delta R.T. -0.01 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 284662 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 83.0  | 64.3  | 96.5   |
| 39        | 57.5  | 45.3  | 67.9   |





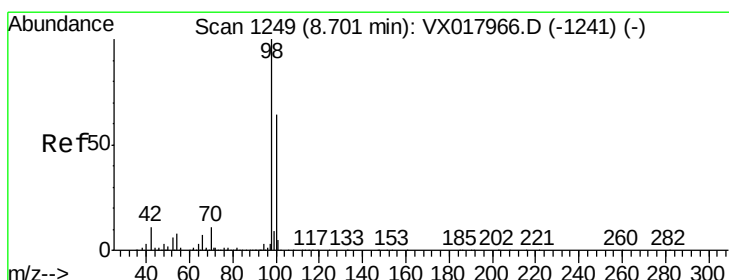
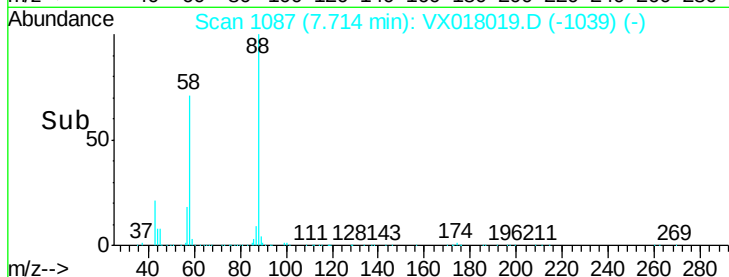
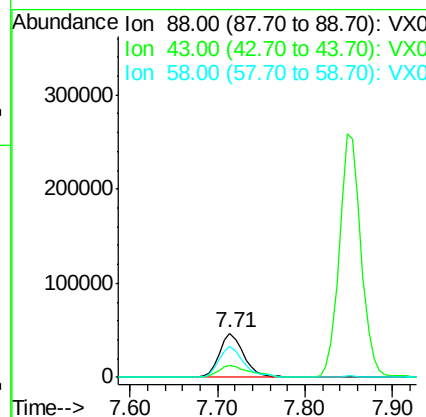
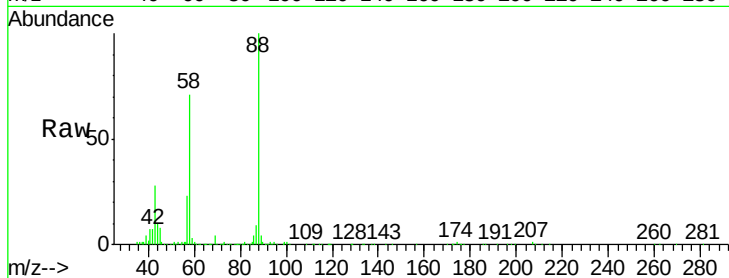
#49  
1,4-Dioxane  
Concen: 842.406 ug/l  
RT: 7.71 min Scan# 1087  
Delta R.T. -0.01 min  
Lab File: VX018019.D  
Acq: 20 Aug 2020 05:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-BR1-081320MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 33.5  | 27.3  | 40.9  |
| 58      | 70.5  | 57.7  | 86.5  |

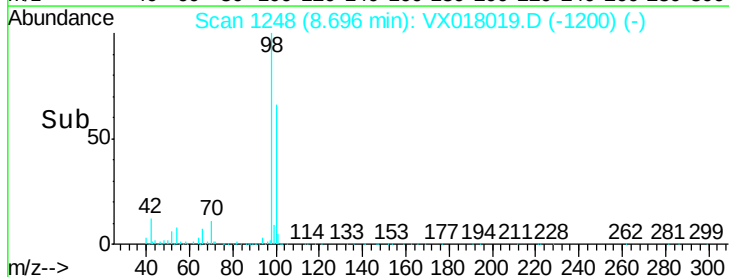
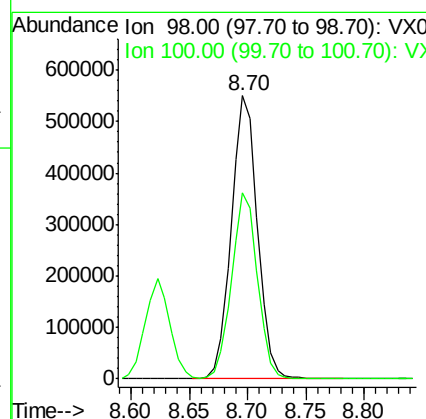
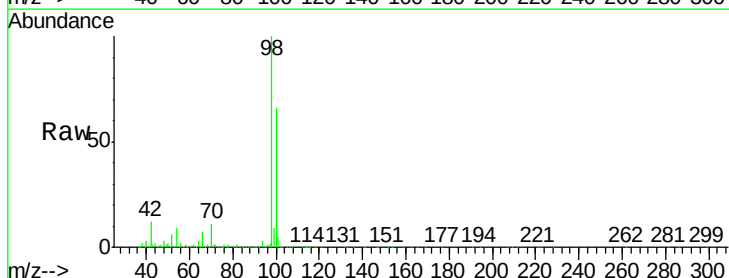
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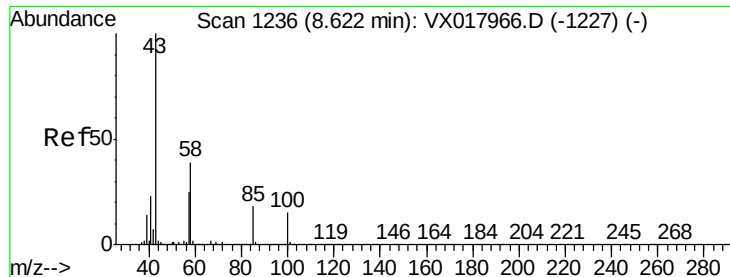
MMDadoda  
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#50  
Toluene-d8  
Concen: 48.991 ug/l  
RT: 8.70 min Scan# 1248  
Delta R.T. -0.01 min  
Lab File: VX018019.D  
Acq: 20 Aug 2020 05:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 65.2  | 51.4  | 77.2  |





#51

4-Methyl-2-Pentanone

Concen: 261.874 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

Instrument :

MSVOA\_X

ClientSampleId :

MW-BR1-081320MSD

Tot Ion: 43 Resp: 1891265

Ion Ratio Lower Upper

43 100

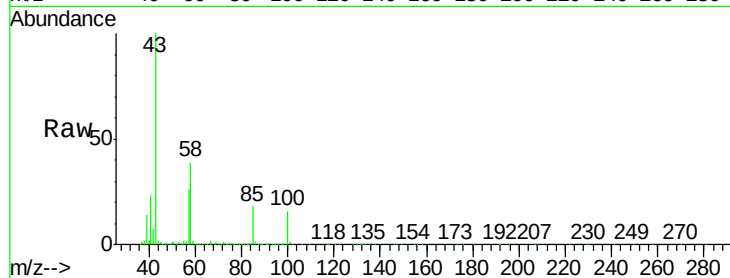
58 38.6 31.0 46.4

Manual Integrations

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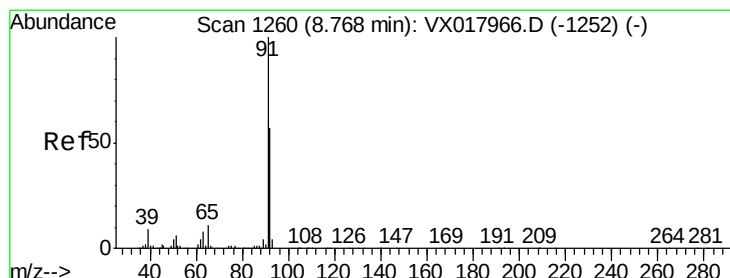
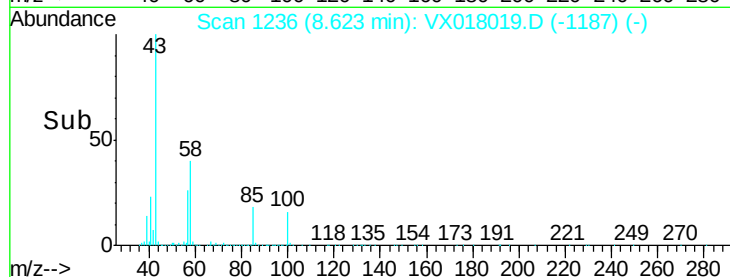
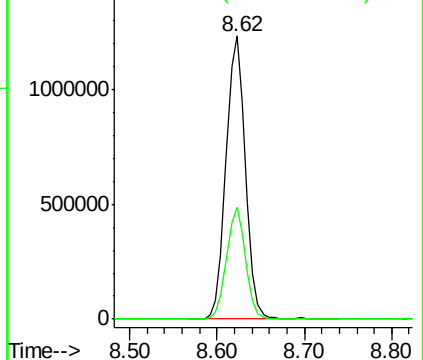
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 52.754 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX018019.D

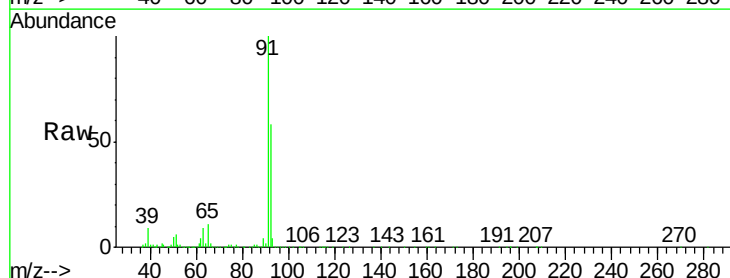
Acq: 20 Aug 2020 05:46

Tgt Ion: 92 Resp: 577314

Ion Ratio Lower Upper

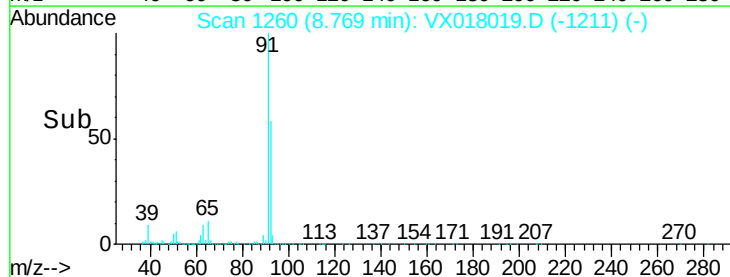
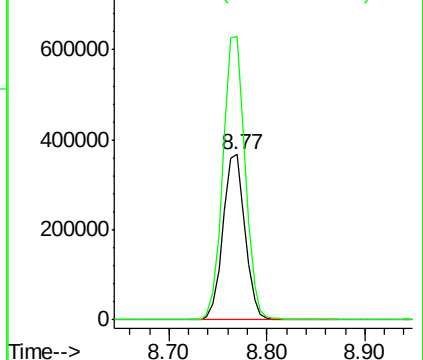
92 100

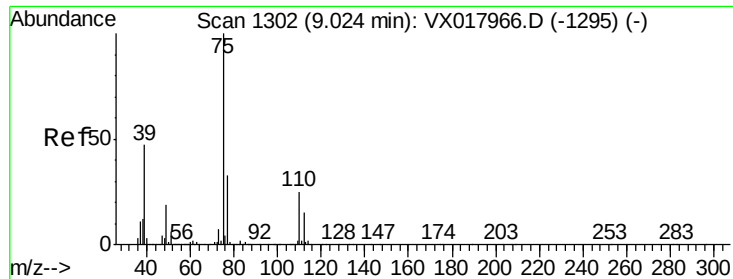
91 172.6 138.4 207.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 50.270 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

Tot Ion: 75 Resp: 386066

Ion Ratio Lower Upper

75 100

77 30.5 26.1 39.1

Instrument :

MSVOA\_X

ClientSampleId :

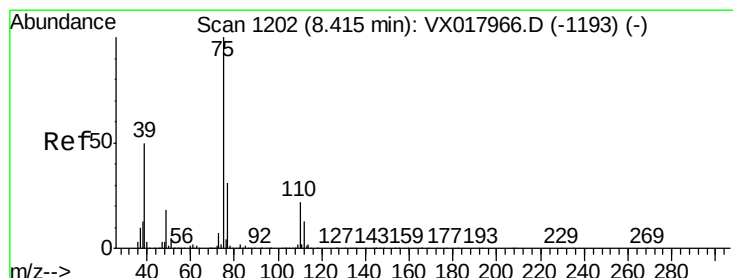
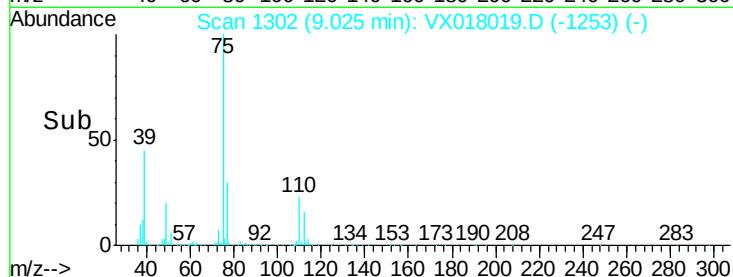
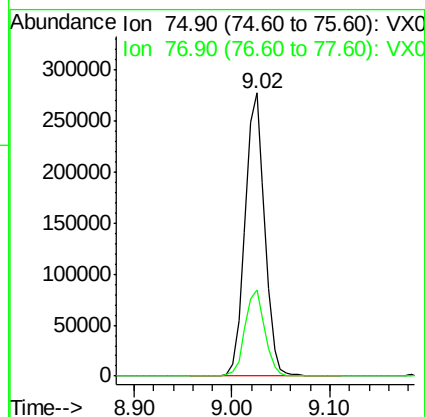
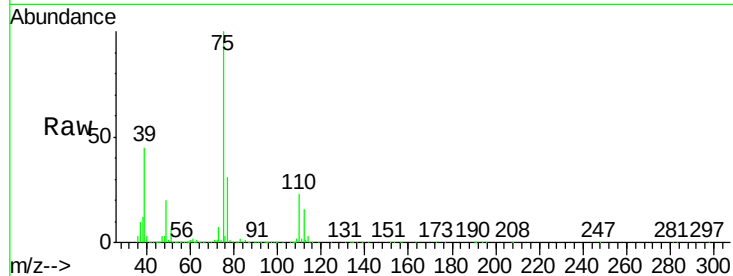
MW-BR1-081320MSD

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#54

cis-1,3-Dichloropropene

Concen: 48.761 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

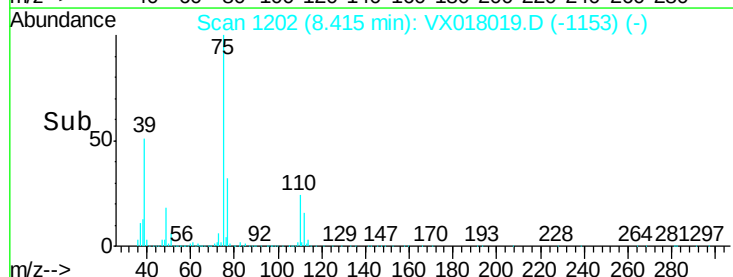
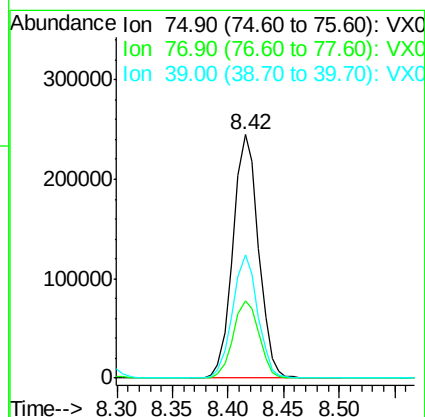
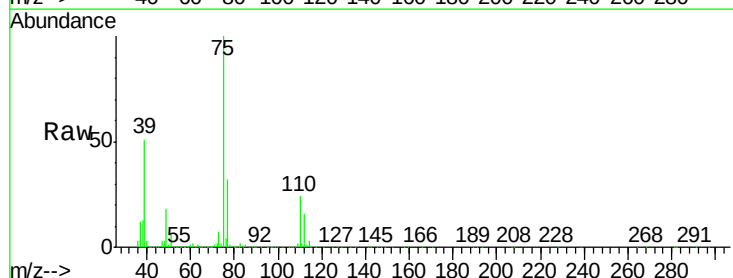
Tgt Ion: 75 Resp: 390457

Ion Ratio Lower Upper

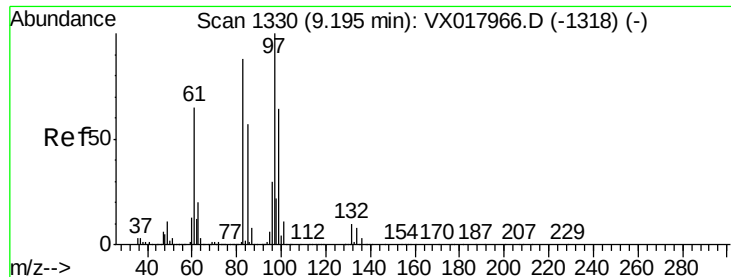
75 100

77 31.7 24.6 36.8

39 50.7 39.7 59.5







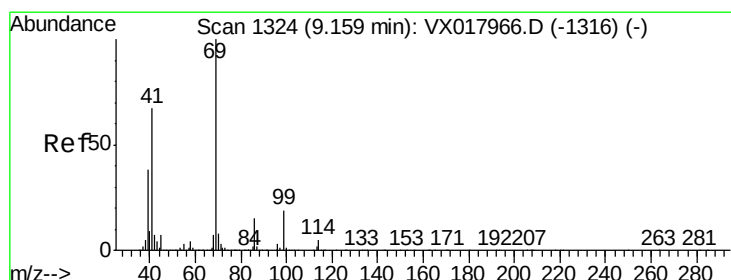
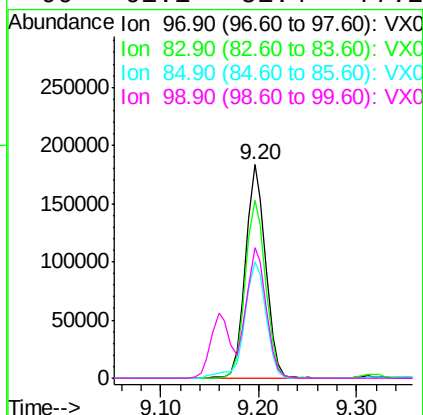
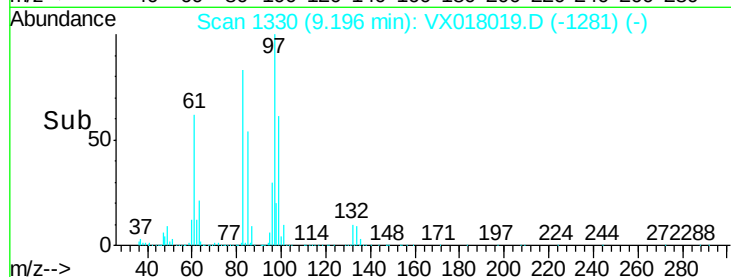
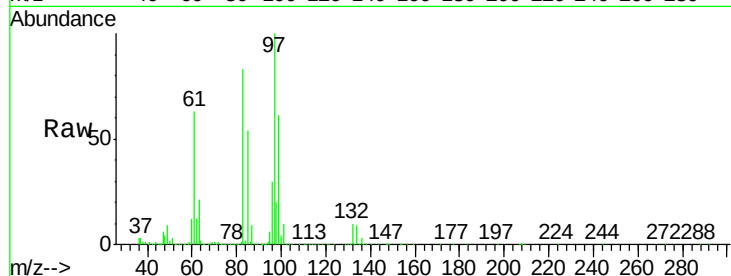
#55  
 1,1,2-Trichloroethane  
 Concen: 52.341 ug/l  
 RT: 9.20 min Scan# 1330  
 Delta R.T. 0.00 min  
 Lab File: VX018019.D  
 Acq: 20 Aug 2020 05:46

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-BR1-081320MSD

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 97      | 100  |       | 263142 |       |       |
| 83      | 83.1 | 70.1  | 105.1  |       |       |
| 85      | 54.5 | 45.8  | 68.8   |       |       |
| 99      | 61.1 | 51.4  | 77.2   |       |       |

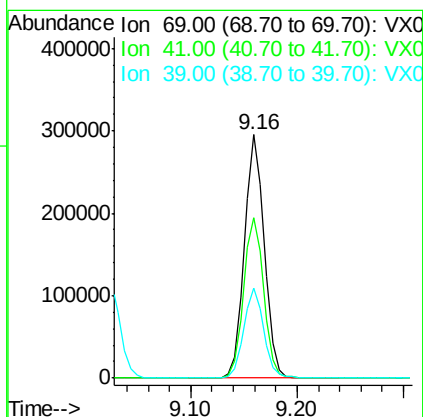
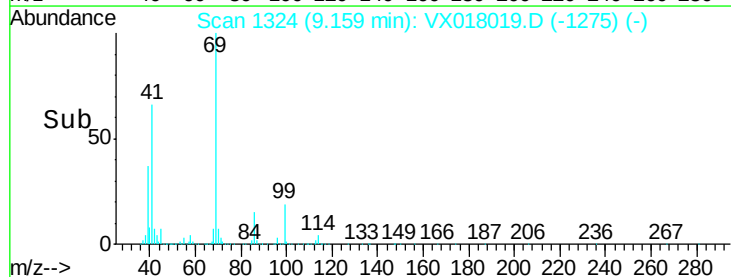
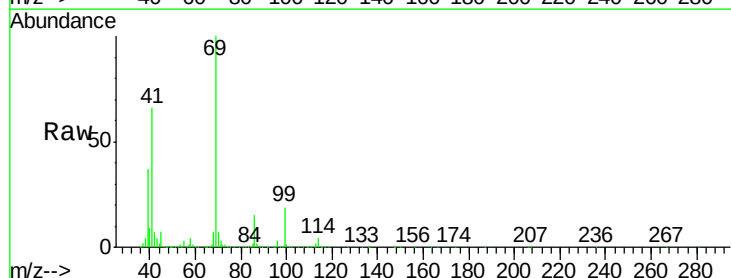
Manual Integrations  
 APPROVED

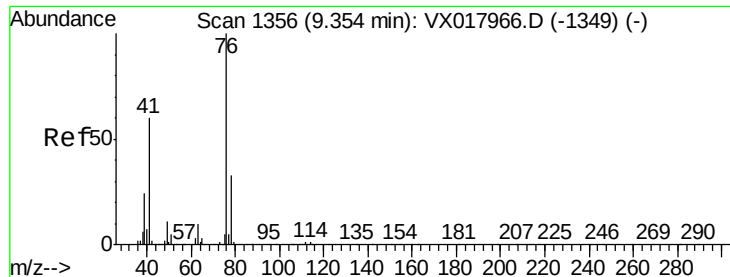
MMDadoda  
 8/20/2020 9:17:49 AM



#56  
 Ethyl methacrylate  
 Concen: 54.491 ug/l  
 RT: 9.16 min Scan# 1324  
 Delta R.T. 0.00 min  
 Lab File: VX018019.D  
 Acq: 20 Aug 2020 05:46

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 69      | 100  |       | 387331 |       |       |
| 41      | 66.5 | 52.3  | 78.5   |       |       |
| 39      | 37.6 | 29.2  | 43.8   |       |       |





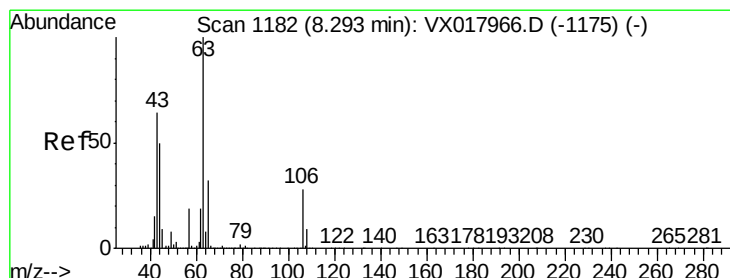
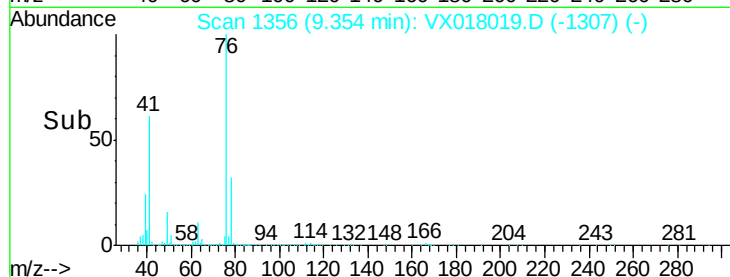
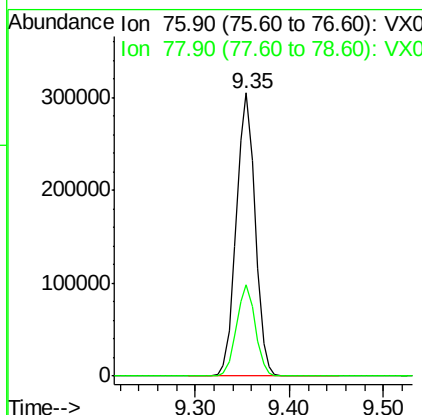
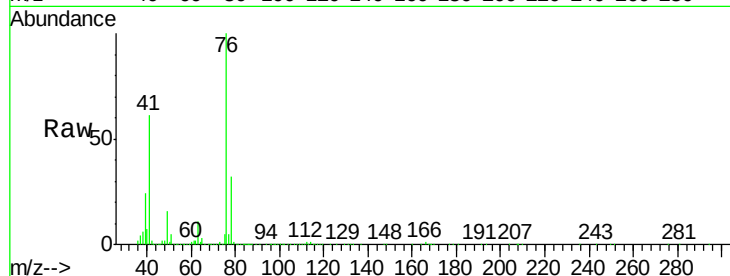
#57  
 1,3-Dichloropropane  
 Concen: 53.238 ug/l  
 RT: 9.35 min Scan# 1356  
 Delta R.T. 0.00 min  
 Lab File: VX018019.D  
 Acq: 20 Aug 2020 05:46

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-BR1-081320MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.3  | 26.4  | 39.6  |

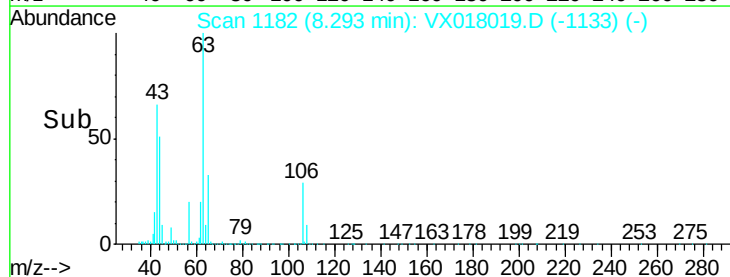
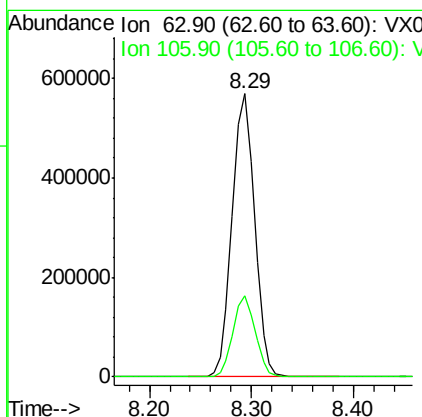
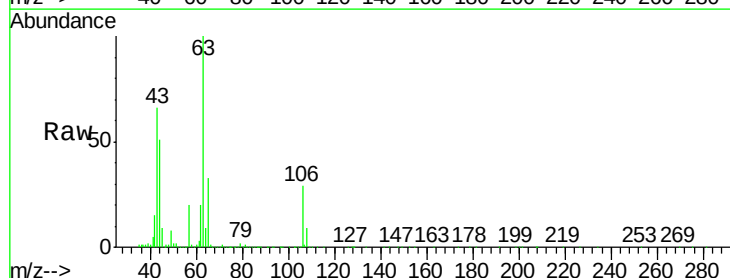
Manual Integrations  
 APPROVED

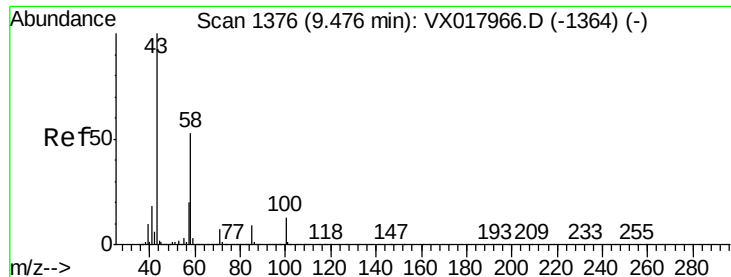
MMDadoda  
 8/20/2020 9:17:49 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 252.010 ug/l  
 RT: 8.29 min Scan# 1182  
 Delta R.T. 0.00 min  
 Lab File: VX018019.D  
 Acq: 20 Aug 2020 05:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 28.5  | 23.0  | 34.4  |





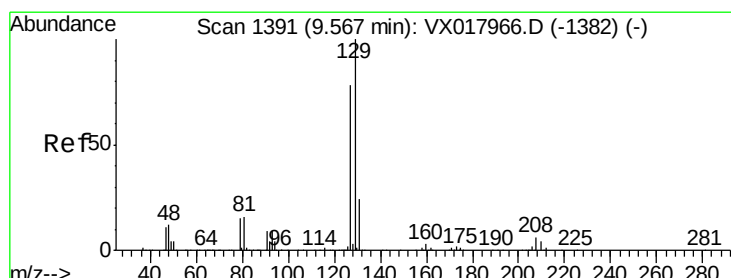
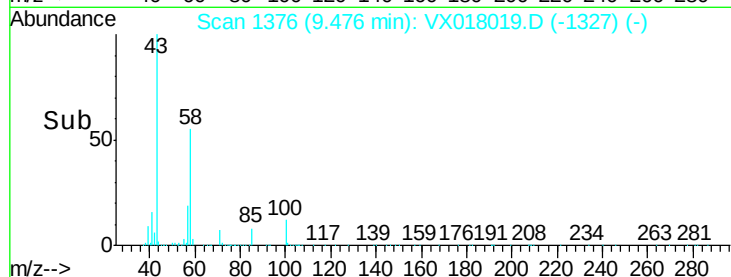
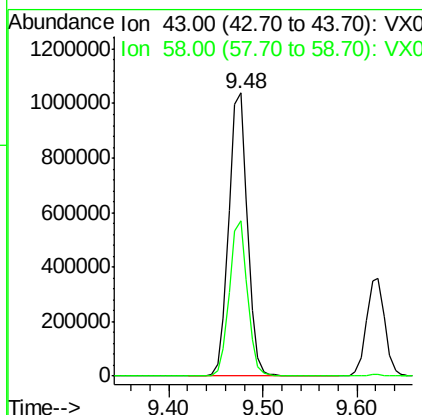
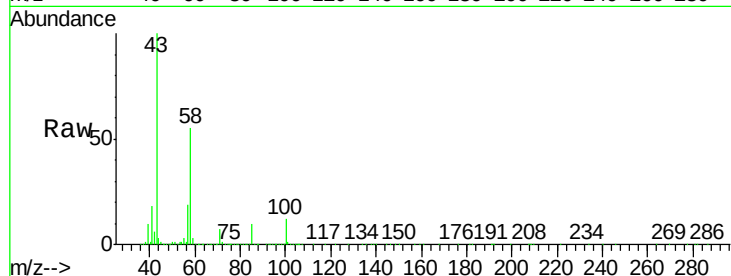
#59  
2-Hexanone  
Concen: 261.257 ug/l  
RT: 9.48 min Scan# 1376  
Delta R.T. 0.00 min  
Lab File: VX018019.D  
Acq: 20 Aug 2020 05:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-BR1-081320MSD

Tot Ion: 43 Resp: 1429706  
Ion Ratio Lower Upper  
43 100  
58 53.3 26.4 79.0

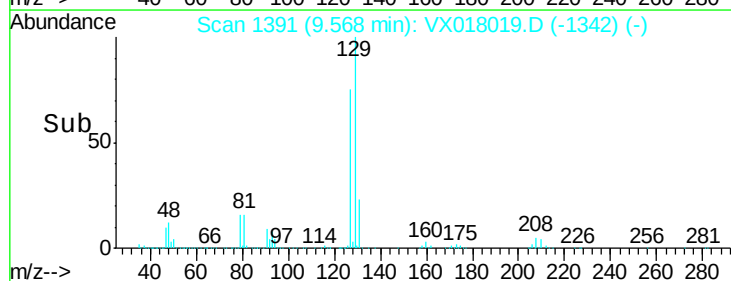
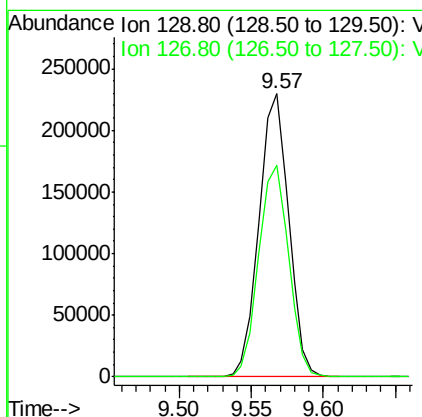
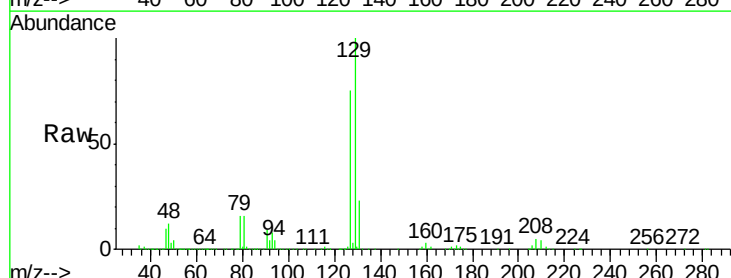
Manual Integrations  
APPROVED

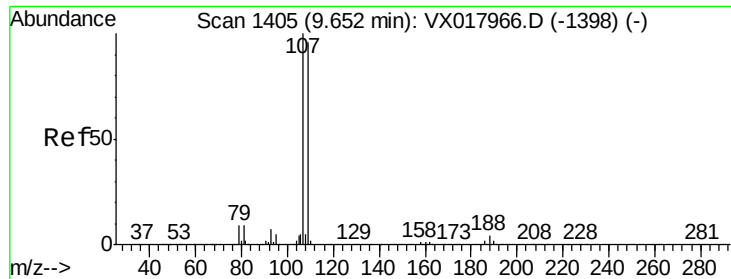
MMDadoda  
8/20/2020 9:17:49 AM



#60  
Dibromochloromethane  
Concen: 52.095 ug/l  
RT: 9.57 min Scan# 1391  
Delta R.T. 0.00 min  
Lab File: VX018019.D  
Acq: 20 Aug 2020 05:46

Tgt Ion: 129 Resp: 327103  
Ion Ratio Lower Upper  
129 100  
127 75.6 39.5 118.3





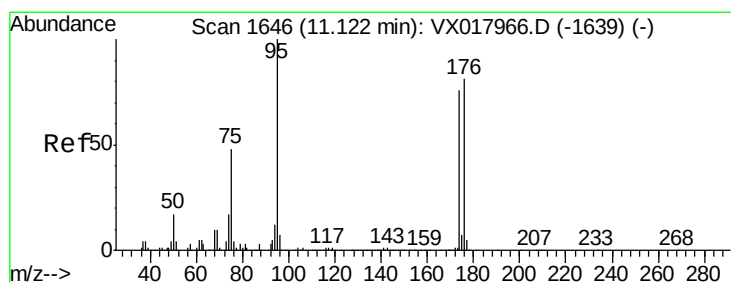
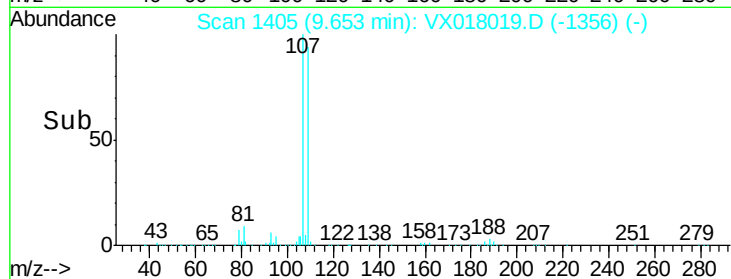
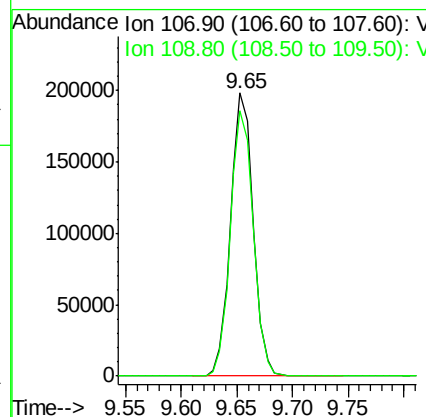
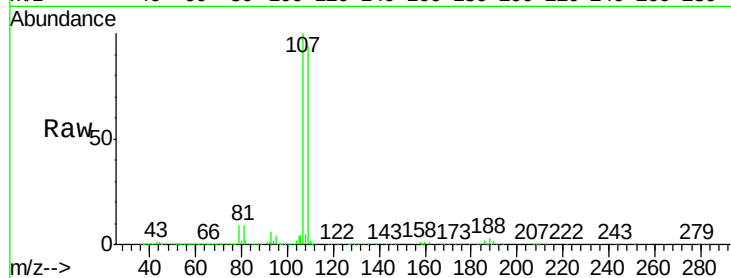
#61  
 1,2-Dibromoethane  
 Concen: 50.119 ug/l  
 RT: 9.65 min Scan# 1405  
 Delta R.T. 0.00 min  
 Lab File: VX018019.D  
 Acq: 20 Aug 2020 05:46

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-BR1-081320MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 279100 |       |       |
| 109     | 95.2  | 75.5   | 113.3 |       |

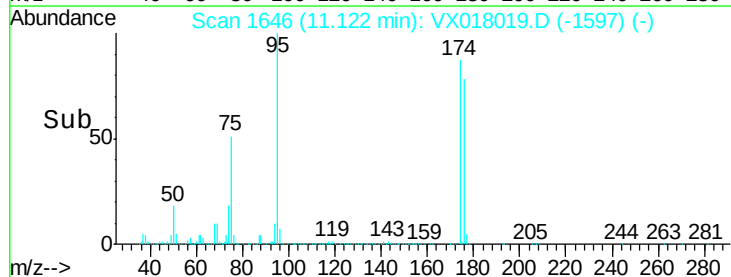
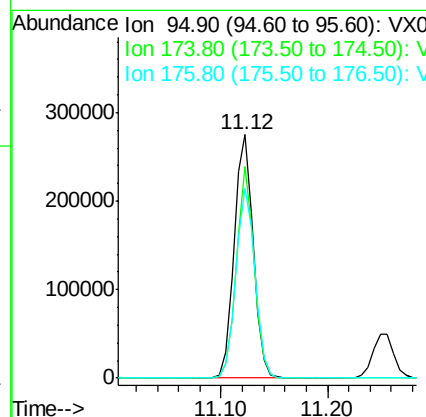
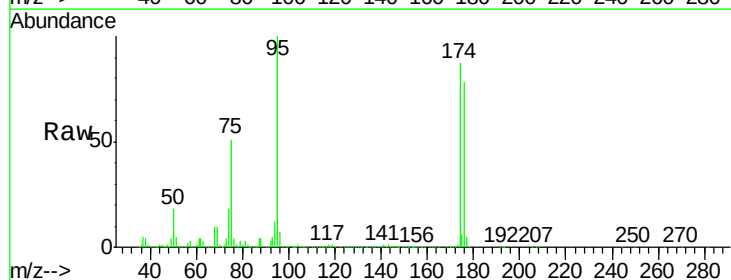
Manual Integrations  
 APPROVED

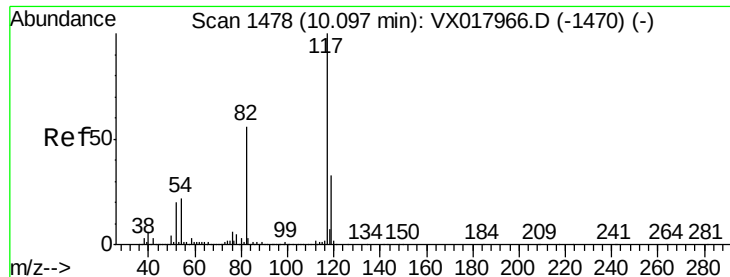
MMDadoda  
 8/20/2020 9:17:49 AM



#62  
 4-Bromofluorobenzene  
 Concen: 53.626 ug/l  
 RT: 11.12 min Scan# 1646  
 Delta R.T. 0.00 min  
 Lab File: VX018019.D  
 Acq: 20 Aug 2020 05:46

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 95      | 100   | 345920 |       |       |
| 174     | 81.1  | 0.0    | 166.0 |       |
| 176     | 78.6  | 0.0    | 161.0 |       |





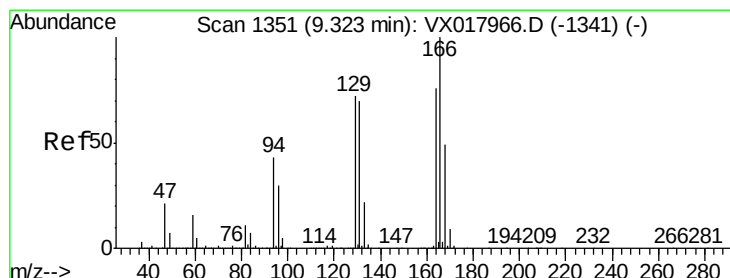
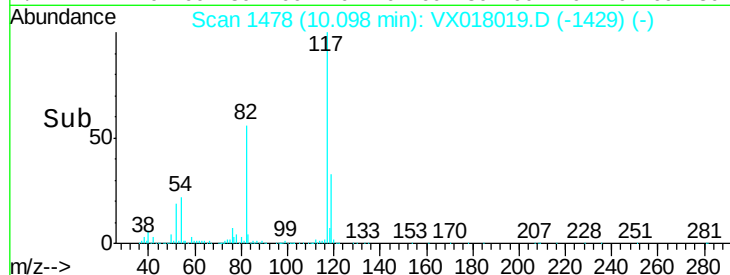
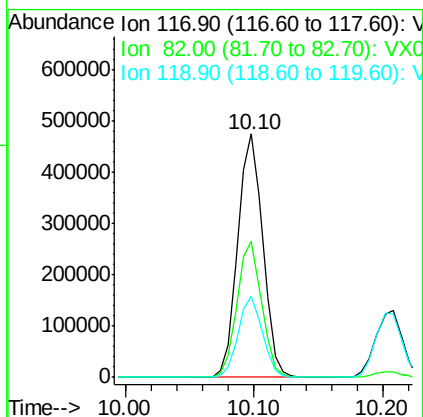
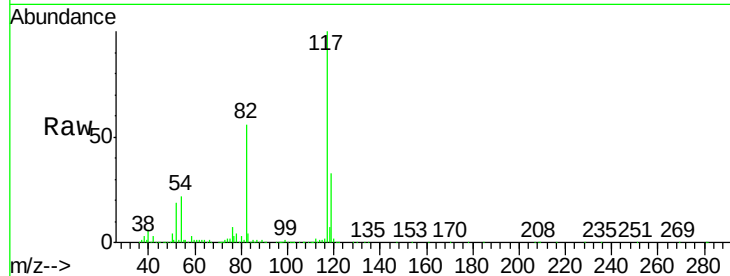
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. 0.00 min  
Lab File: VX018019.D  
Acq: 20 Aug 2020 05:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-BR1-081320MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 641895 |       |       |
| 82      | 56.1  | 44.6   | 66.8  |       |
| 119     | 33.2  | 26.2   | 39.4  |       |

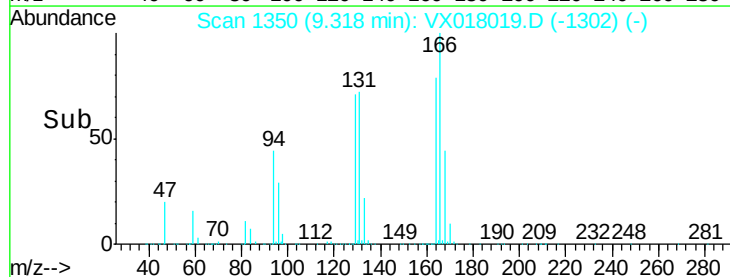
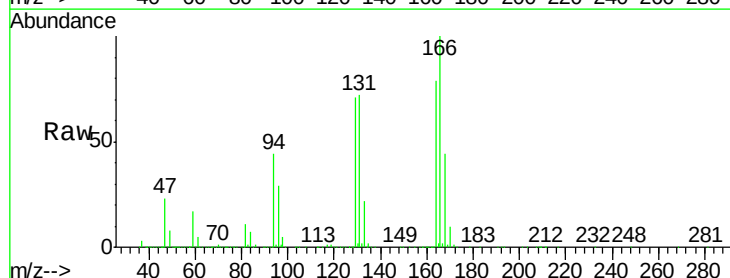
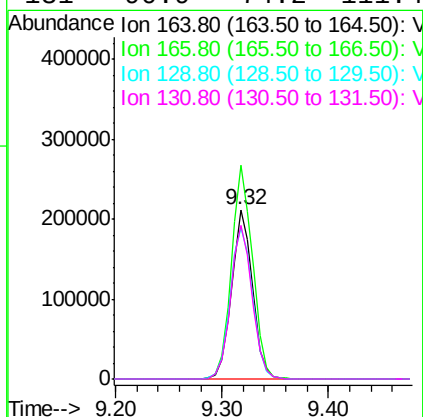
Manual Integrations  
APPROVED

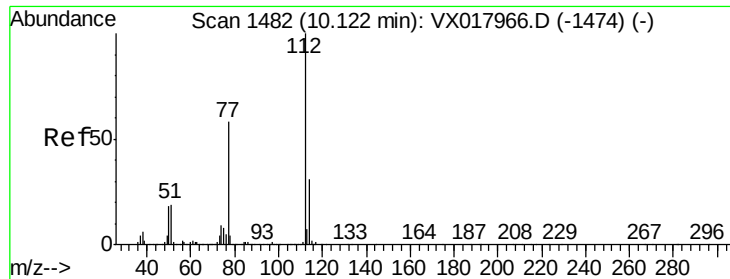
MMDadoda  
8/20/2020 9:17:49 AM



#64  
Tetrachloroethene  
Concen: 59.369 ug/l  
RT: 9.32 min Scan# 1350  
Delta R.T. -0.01 min  
Lab File: VX018019.D  
Acq: 20 Aug 2020 05:46

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 291028 |       |       |
| 166     | 126.3 | 105.7  | 158.5 |       |
| 129     | 89.2  | 75.8   | 113.8 |       |
| 131     | 90.9  | 74.2   | 111.4 |       |





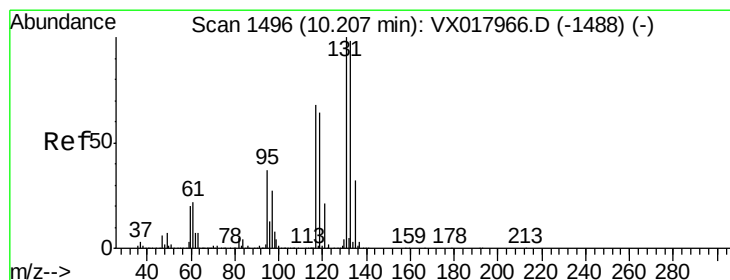
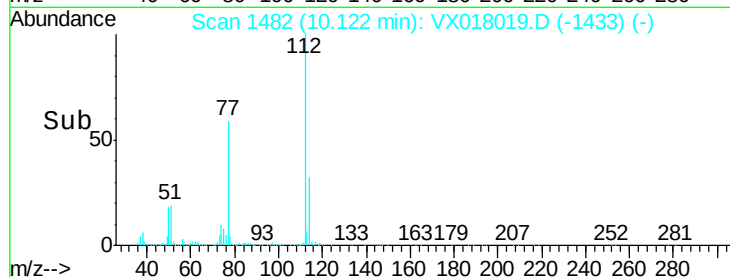
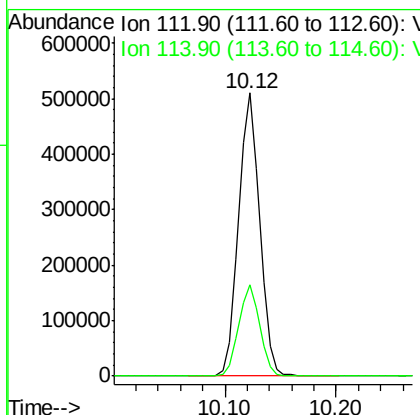
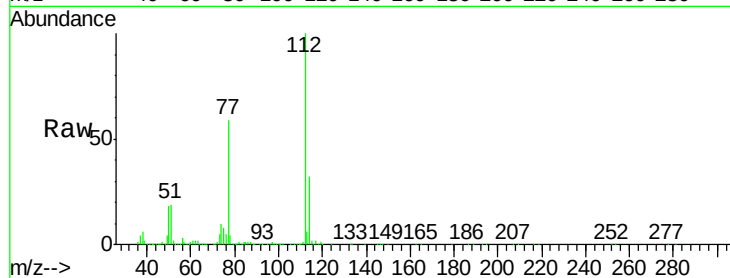
#65  
Chlorobenzene  
Concen: 52.823 ug/l  
RT: 10.12 min Scan# 1482  
Delta R.T. 0.00 min  
Lab File: VX018019.D  
Acq: 20 Aug 2020 05:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-BR1-081320MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 32.3  | 25.0  | 37.6  |

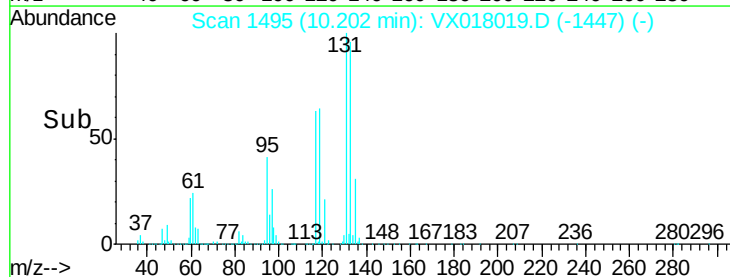
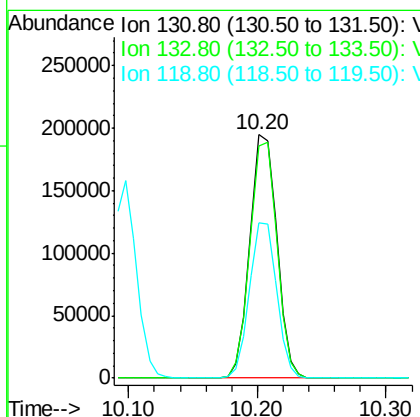
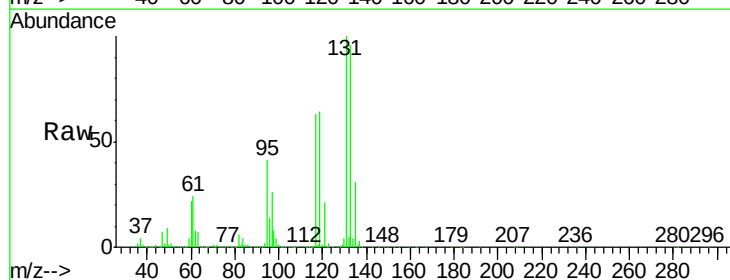
Manual Integrations  
APPROVED

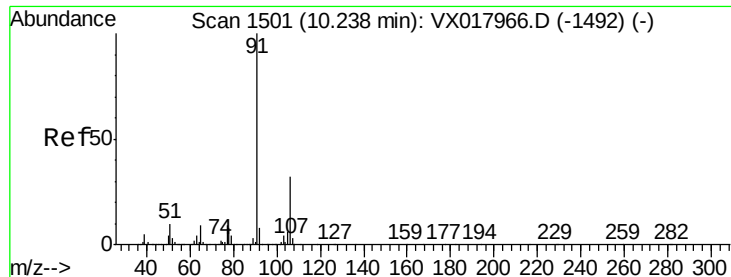
MMDadoda  
8/20/2020 9:17:49 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.178 ug/l  
RT: 10.20 min Scan# 1495  
Delta R.T. -0.01 min  
Lab File: VX018019.D  
Acq: 20 Aug 2020 05:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 97.2  | 48.4  | 145.3 |
| 119     | 64.2  | 31.6  | 94.8  |





#67

Ethyl Benzene

Concen: 54.783 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

Instrument :

MSVOA\_X

ClientSampleId :

MW-BR1-081320MSD

Tot Ion: 91 Resp: 1150716

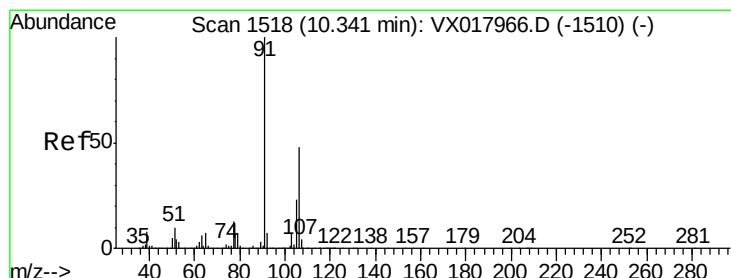
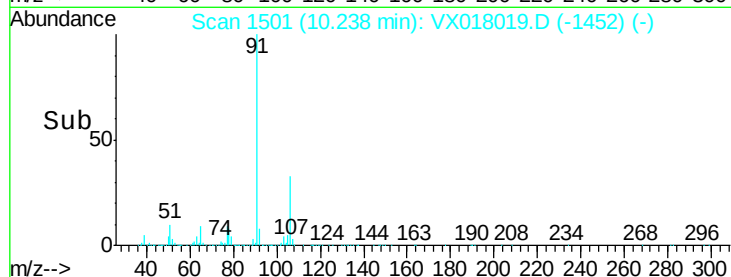
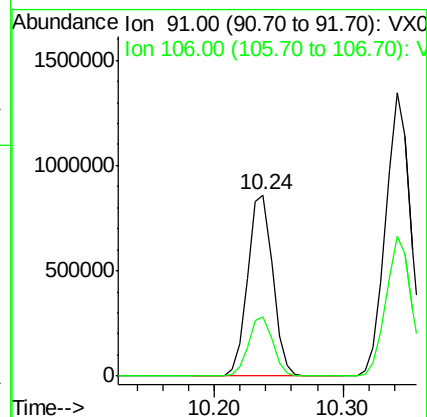
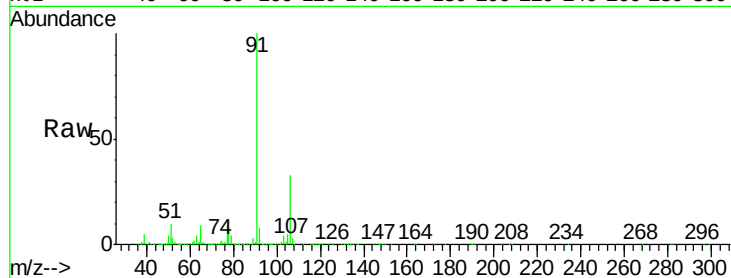
Ion Ratio Lower Upper

91 100

106 32.8 25.4 38.0

Manual Integrations  
APPROVED

MMDadoda  
8/20/2020 9:17:49 AM



#68

m/p-Xylenes

Concen: 110.304 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018019.D

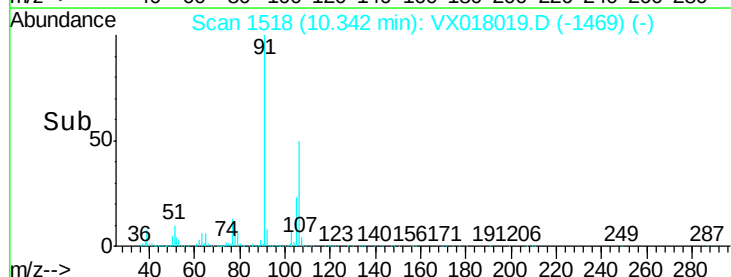
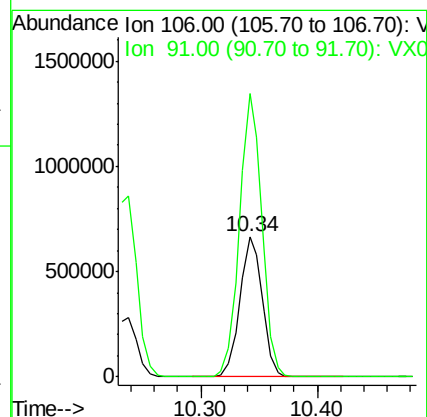
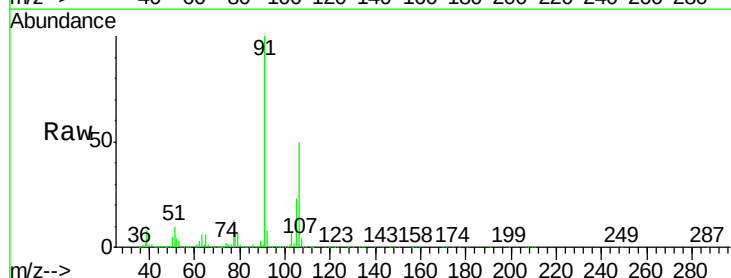
Acq: 20 Aug 2020 05:46

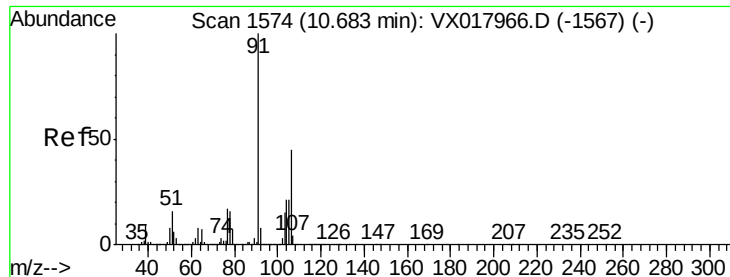
Tgt Ion: 106 Resp: 891975

Ion Ratio Lower Upper

106 100

91 201.7 167.4 251.2





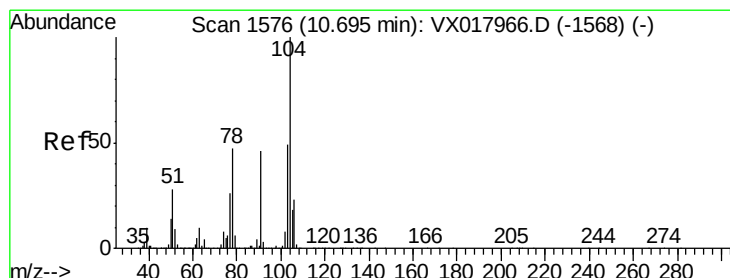
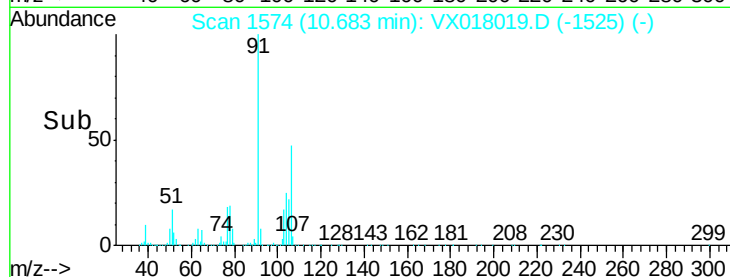
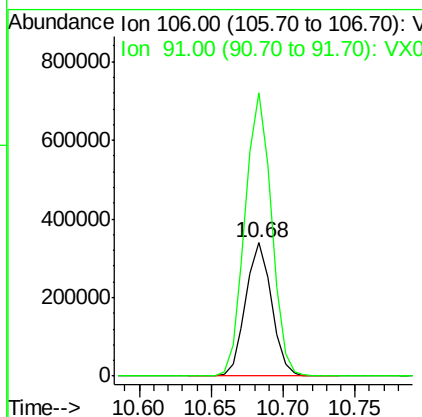
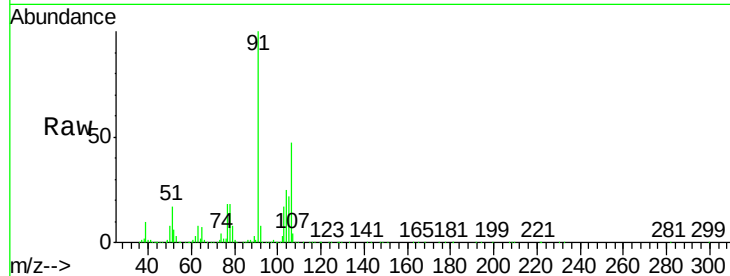
#69  
o-Xylene  
Concen: 54.264 ug/l  
RT: 10.68 min Scan# 1574  
Delta R.T. 0.00 min  
Lab File: VX018019.D  
Acq: 20 Aug 2020 05:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-BR1-081320MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 106     | 100   | 423146 |       |       |
| 91      | 216.8 | 108.1  | 324.2 |       |

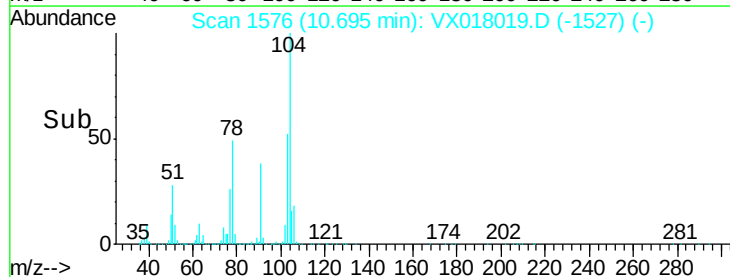
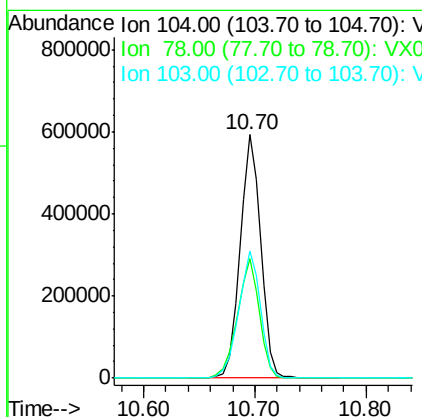
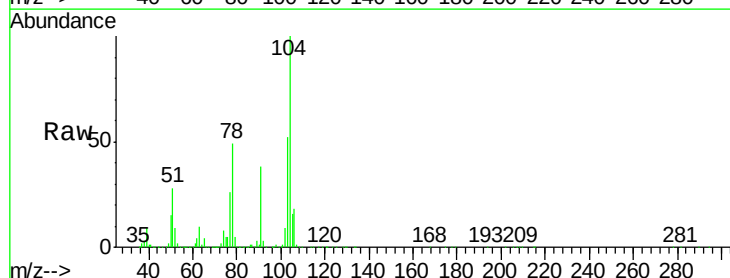
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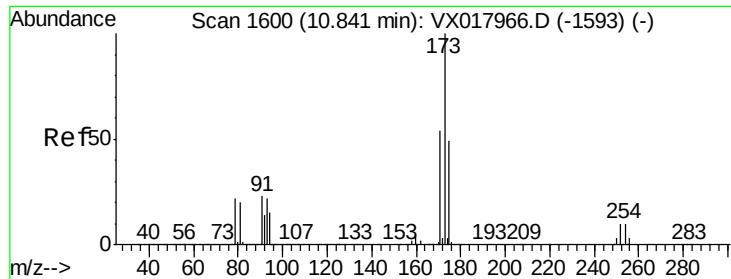


#70  
Styrene  
Concen: 56.424 ug/l  
RT: 10.70 min Scan# 1576  
Delta R.T. 0.00 min  
Lab File: VX018019.D  
Acq: 20 Aug 2020 05:46

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 104     | 100   | 759082 |       |       |
| 78      | 52.4  | 41.3   | 61.9  |       |
| 103     | 55.3  | 42.9   | 64.3  |       |







#71

Bromoform

Concen: 52.507 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

Instrument :

MSVOA\_X

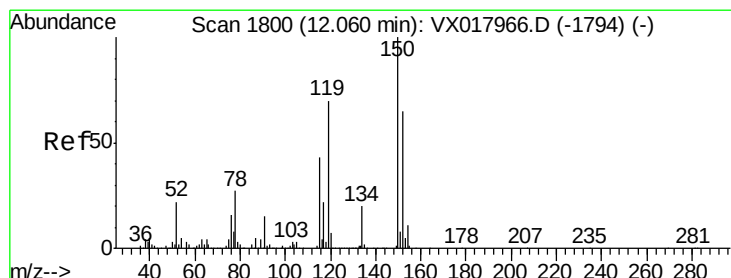
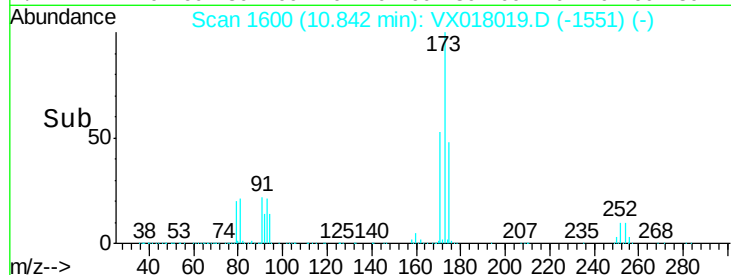
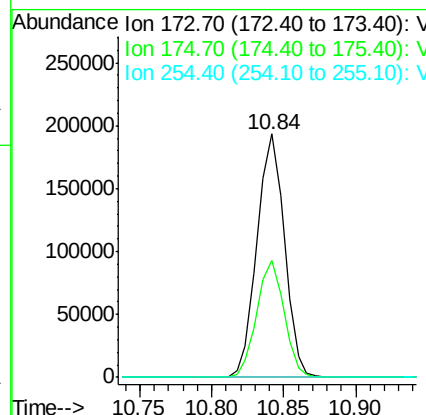
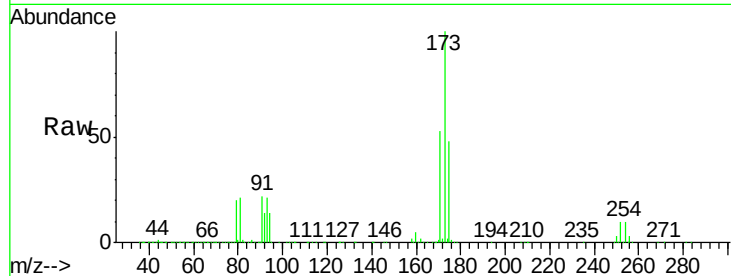
ClientSampleId :

MW-BR1-081320MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 173   | Resp: | 254007 |
| Ion Ratio | Lower | Upper |        |
| 173       | 100   |       |        |
| 175       | 48.1  | 24.4  | 73.2   |
| 254       | 0.2   | 0.2   | 0.2    |

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

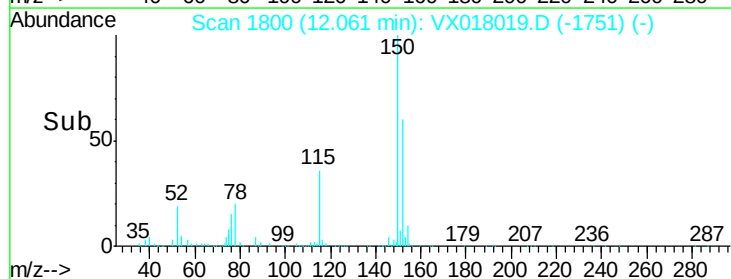
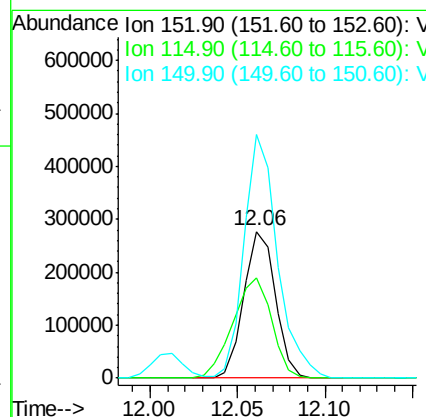
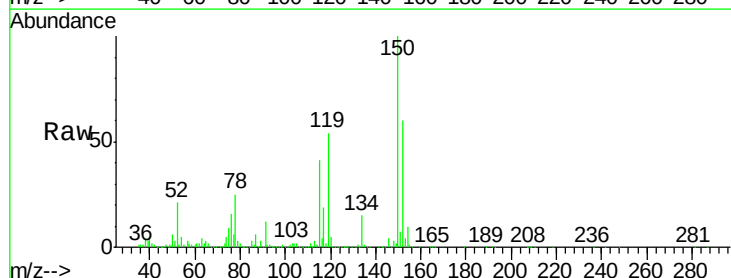
RT: 12.06 min Scan# 1800

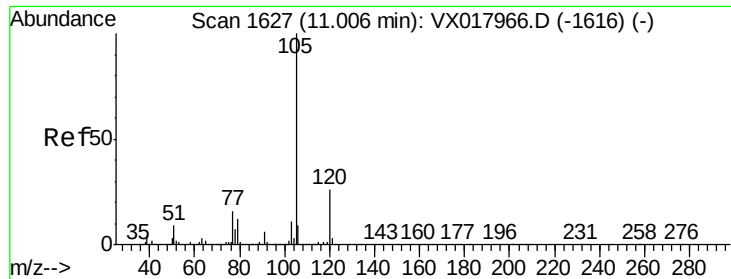
Delta R.T. 0.00 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 347307 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 83.9  | 40.6  | 121.7  |
| 150       | 175.8 | 0.0   | 346.4  |





#73

Isopropylbenzene

Concen: 52.963 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

Instrument :

MSVOA\_X

ClientSampleId :

MW-BR1-081320MSD

Tot Ion:105 Resp: 1183963

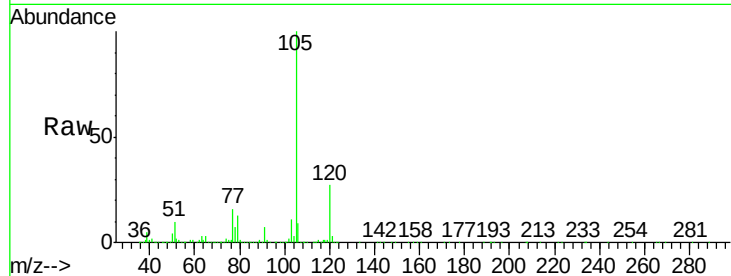
Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.4

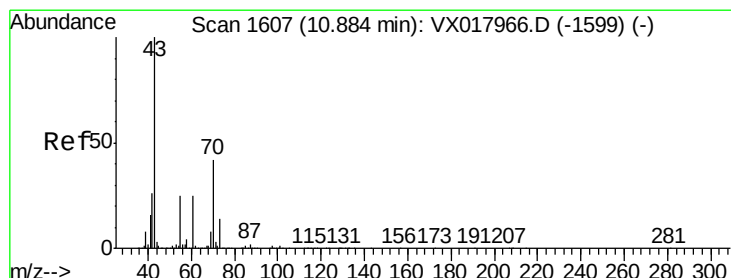
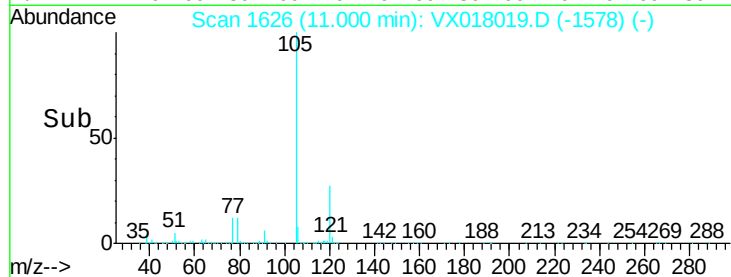
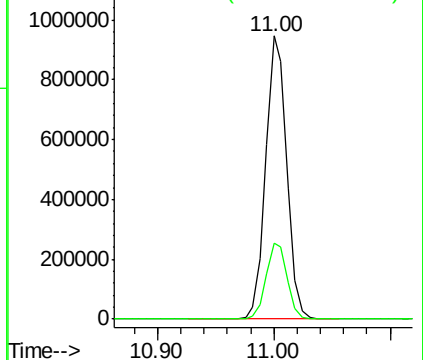
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.200 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

Tgt Ion: 43 Resp: 479261

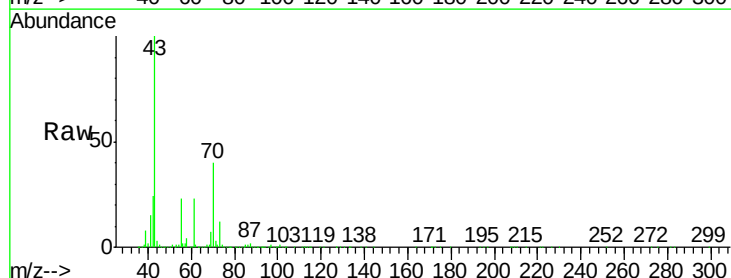
Ion Ratio Lower Upper

43 100

70 41.2 32.9 49.3

55 24.1 19.3 28.9

61 23.5 19.6 29.4

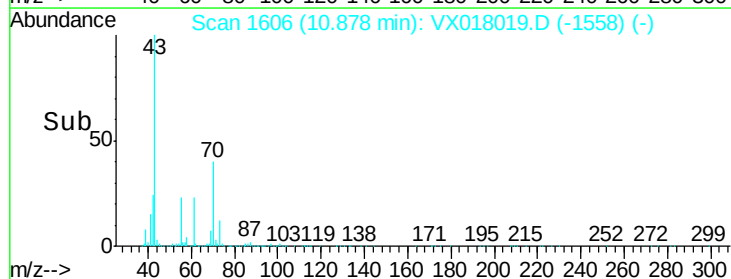
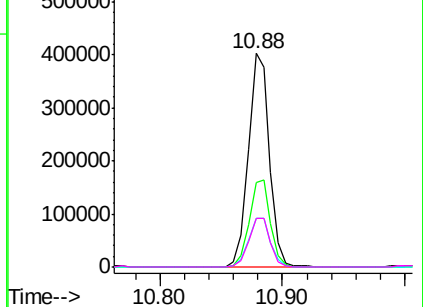


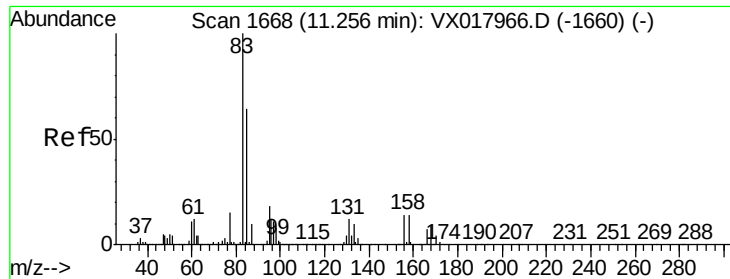
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 50.902 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

Instrument :

MSVOA\_X

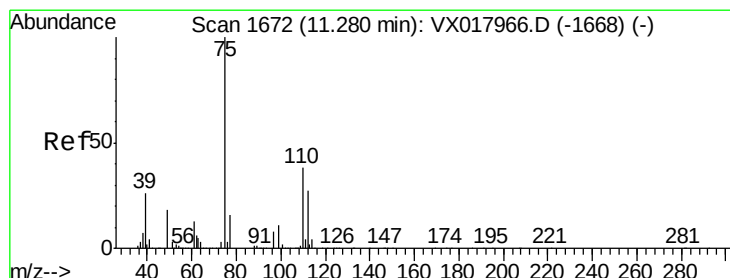
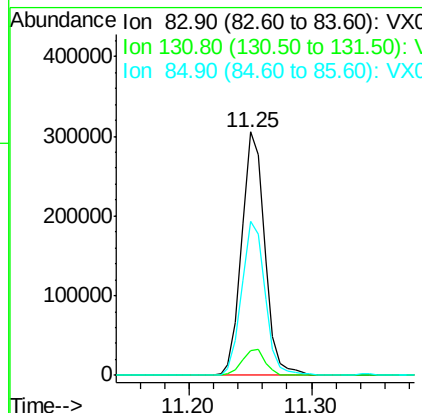
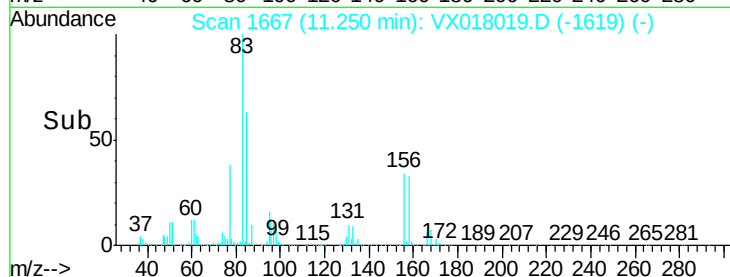
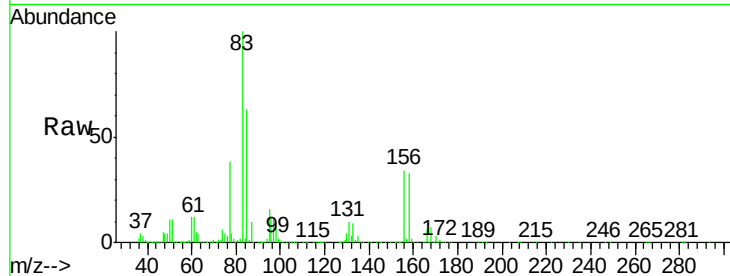
ClientSampleId :

MW-BR1-081320MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 396946 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 10.7  | 5.7   | 17.0   |
| 85        | 64.3  | 32.2  | 96.6   |

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#76

1,2,3-Trichloropropane

Concen: 52.472 ug/l m

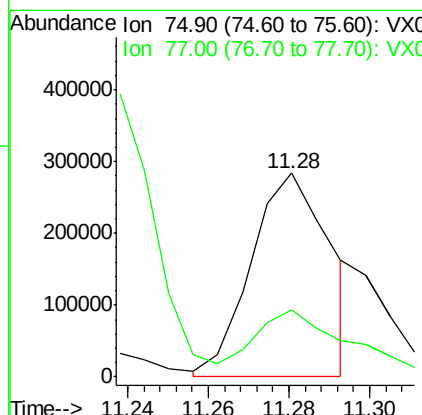
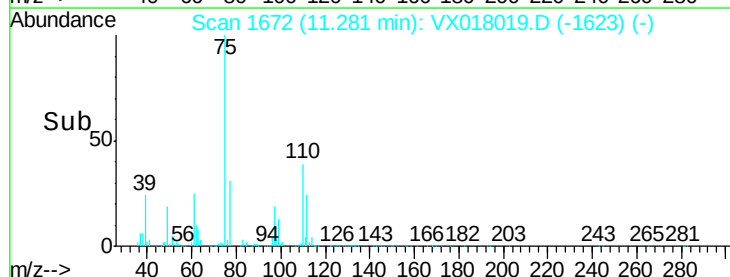
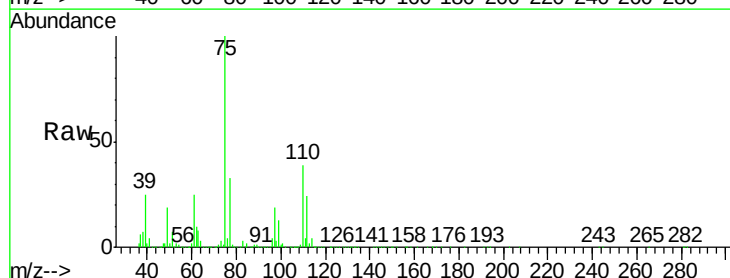
RT: 11.28 min Scan# 1672

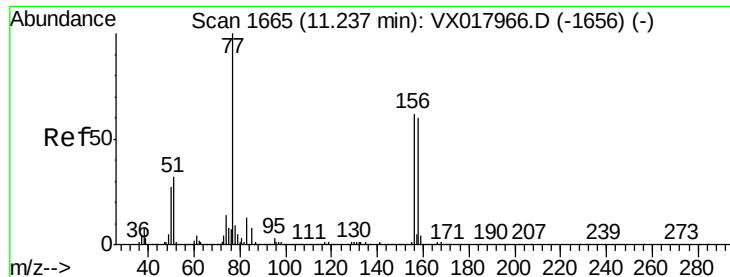
Delta R.T. 0.00 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 387555 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 39.3  | 21.1  | 63.1   |





#77

Bromobenzene

Concen: 52.347 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

Instrument :

MSVOA\_X

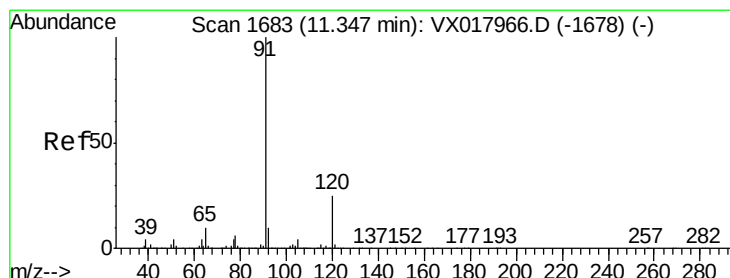
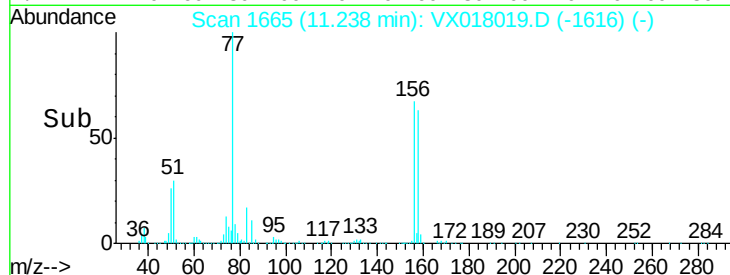
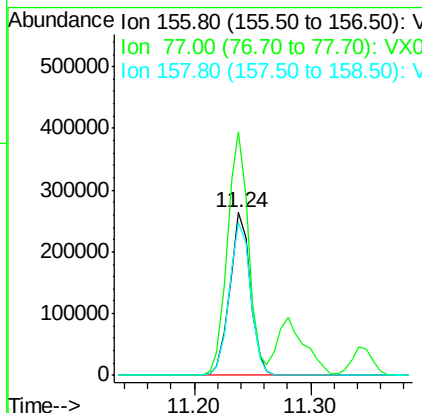
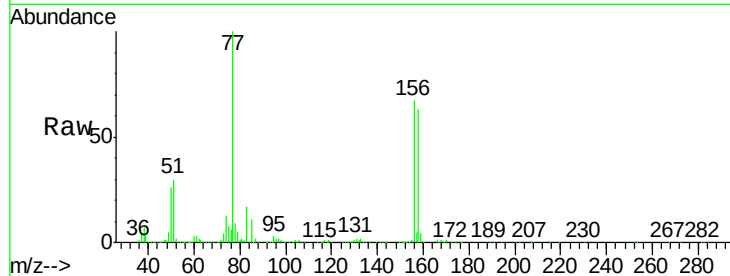
ClientSampleId :

MW-BR1-081320MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 324661 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 152.9 | 78.0  | 234.0  |
| 158       | 96.7  | 49.2  | 147.6  |

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#78

n-propylbenzene

Concen: 51.285 ug/l

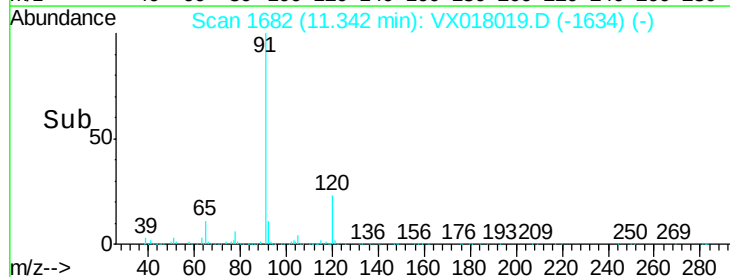
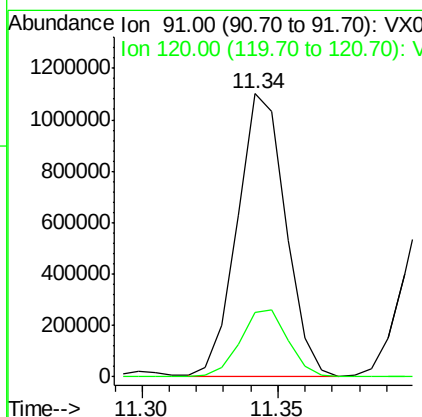
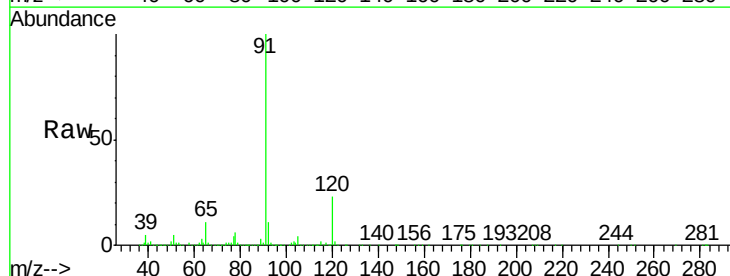
RT: 11.34 min Scan# 1682

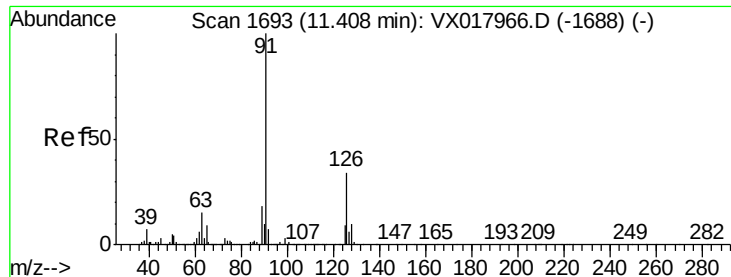
Delta R.T. -0.01 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 91    | Resp: | 1340903 |
| Ion Ratio | Lower | Upper |         |
| 91        | 100   |       |         |
| 120       | 23.9  | 12.0  | 36.1    |





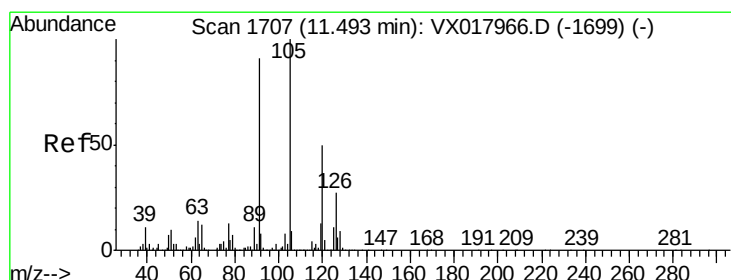
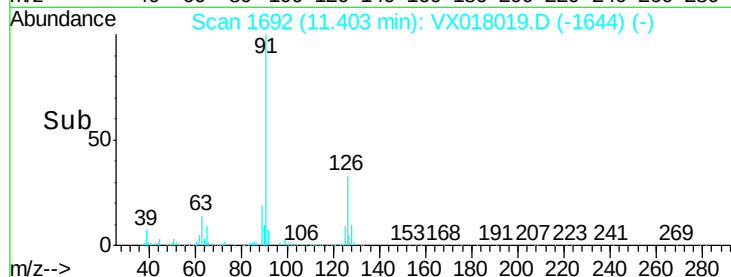
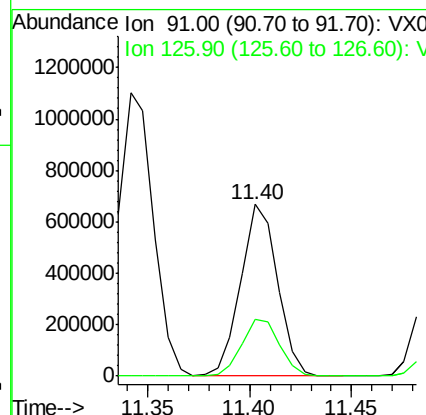
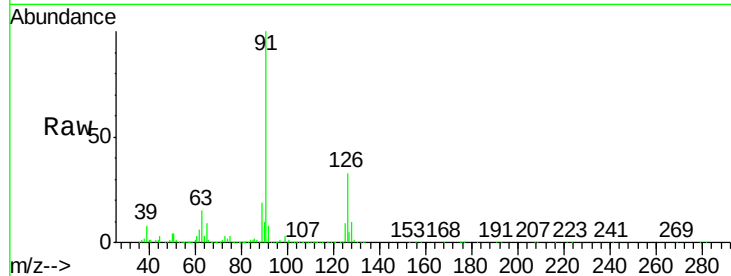
#79  
 2-Chlorotoluene  
 Concen: 52.216 ug/l  
 RT: 11.40 min Scan# 1692  
 Delta R.T. -0.01 min  
 Lab File: VX018019.D  
 Acq: 20 Aug 2020 05:46

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-BR1-081320MSD

Tot Ion: 91 Resp: 832019  
 Ion Ratio Lower Upper  
 91 100  
 126 34.4 17.1 51.2

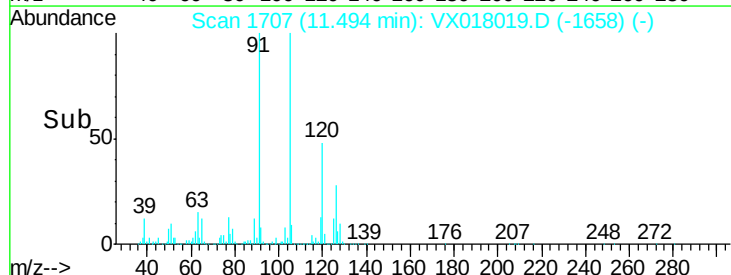
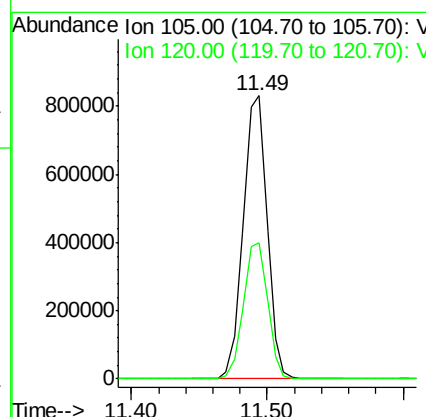
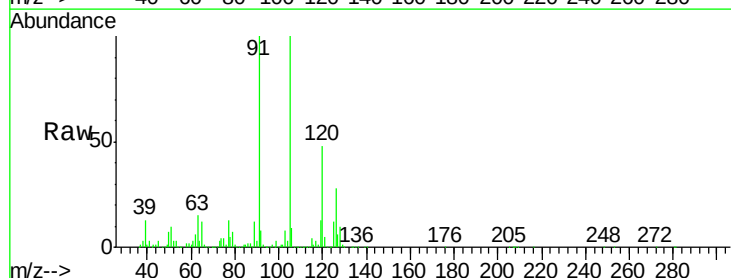
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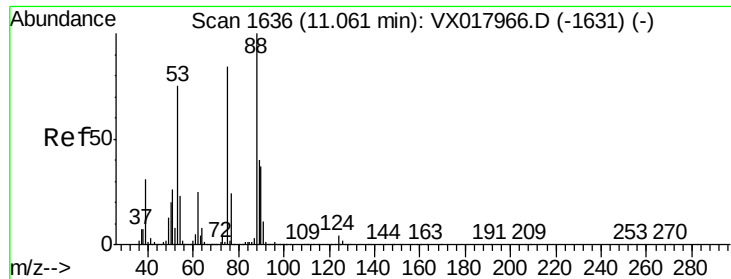
MMDadoda  
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#80  
 1,3,5-Trimethylbenzene  
 Concen: 51.749 ug/l  
 RT: 11.49 min Scan# 1707  
 Delta R.T. 0.00 min  
 Lab File: VX018019.D  
 Acq: 20 Aug 2020 05:46

Tgt Ion: 105 Resp: 1015438  
 Ion Ratio Lower Upper  
 105 100  
 120 48.7 24.1 72.4





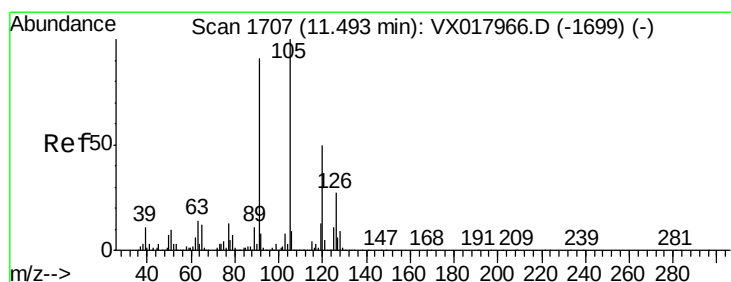
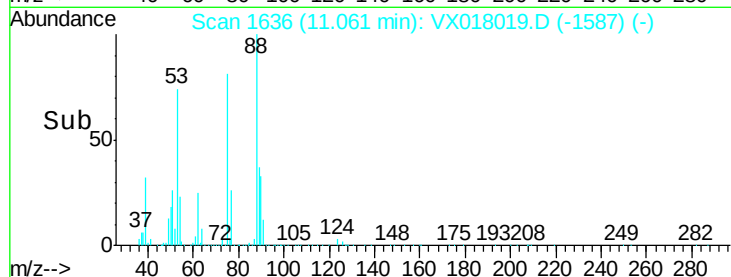
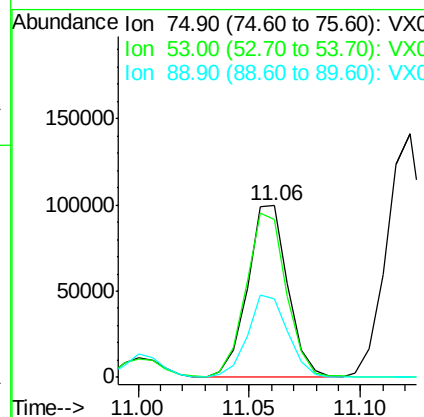
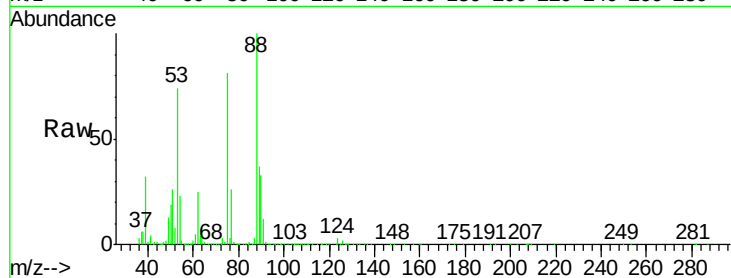
#81  
trans-1,4-Dichloro-2-butene  
Concen: 44.757 ug/l  
RT: 11.06 min Scan# 1636  
Delta R.T. 0.00 min  
Lab File: VX018019.D  
Acq: 20 Aug 2020 05:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-BR1-081320MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 95.7  | 75.2  | 112.8 |
| 89      | 47.8  | 38.4  | 57.6  |

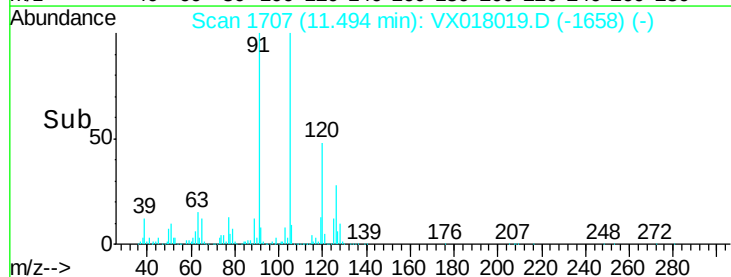
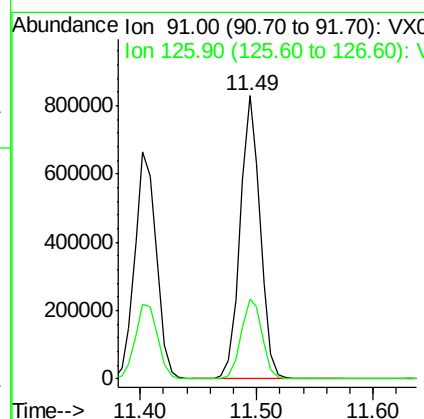
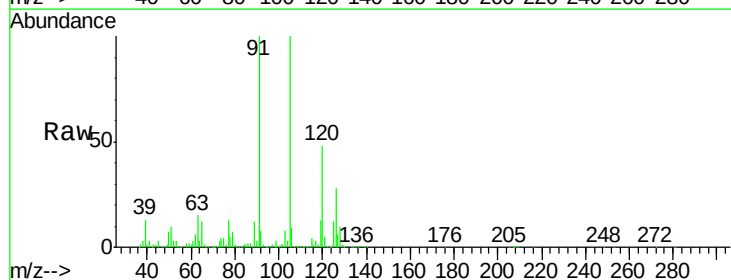
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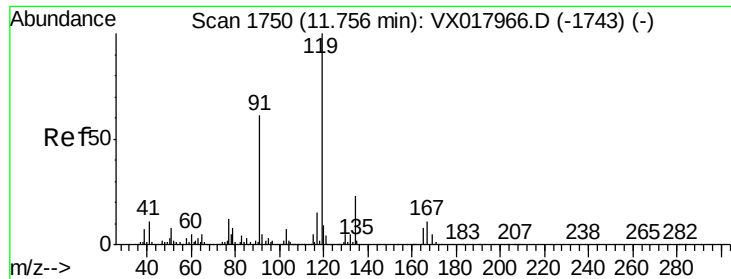
MMDadoda  
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#82  
4-Chlorotoluene  
Concen: 52.874 ug/l  
RT: 11.49 min Scan# 1707  
Delta R.T. 0.00 min  
Lab File: VX018019.D  
Acq: 20 Aug 2020 05:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 29.8  | 15.0  | 45.0  |





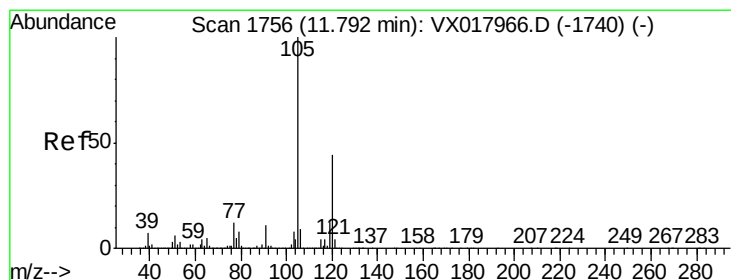
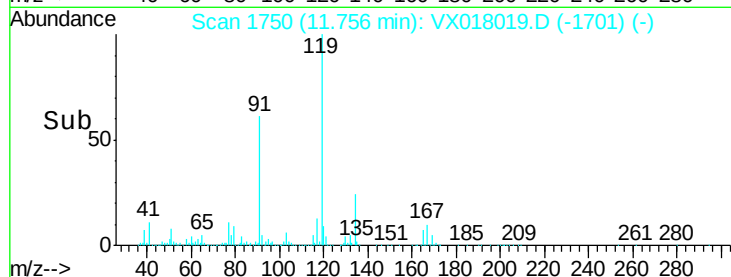
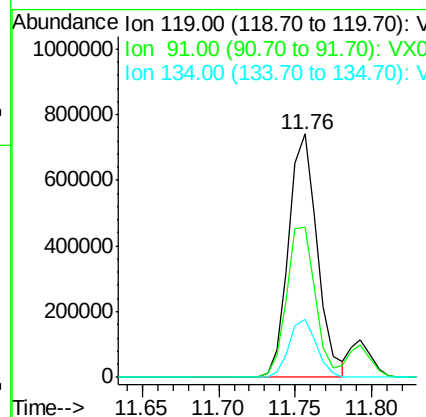
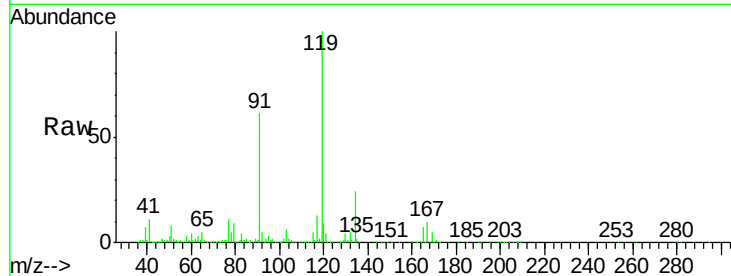
#83  
 tert-Butylbenzene  
 Concen: 52.090 ug/l  
 RT: 11.76 min Scan# 1750  
 Delta R.T. 0.00 min  
 Lab File: VX018019.D  
 Acq: 20 Aug 2020 05:46

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-BR1-081320MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 965280 |       |       |
| 91      | 61.3  | 30.1   | 90.5  |       |
| 134     | 23.1  | 11.1   | 33.1  |       |

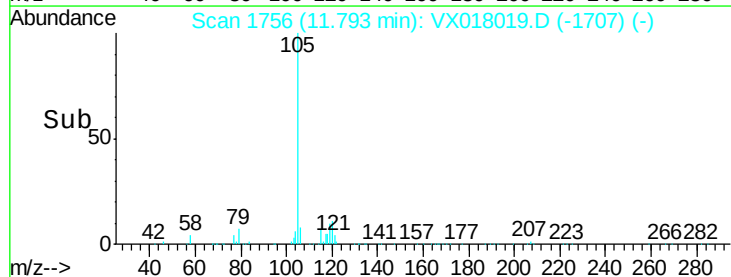
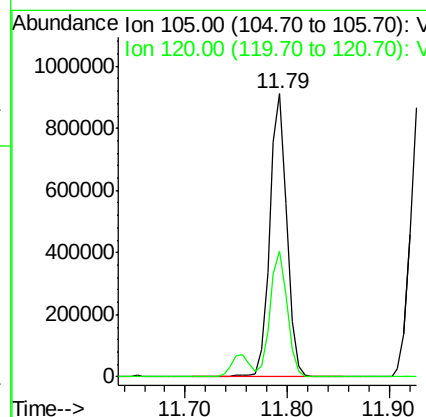
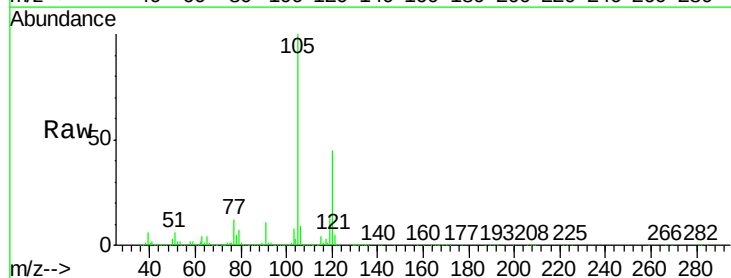
Manual Integrations  
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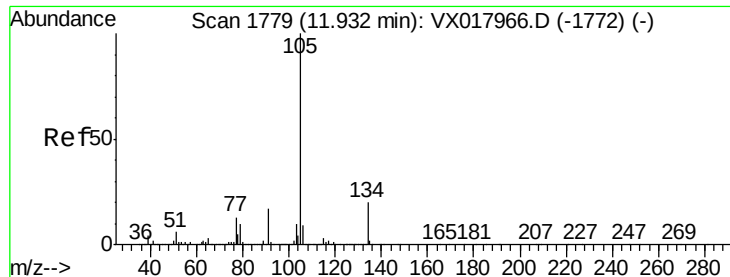
MMDadoda  
 8/20/2020 9:17:49 AM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 52.286 ug/l  
 RT: 11.79 min Scan# 1756  
 Delta R.T. 0.00 min  
 Lab File: VX018019.D  
 Acq: 20 Aug 2020 05:46

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 105     | 100   | 1062154 |       |       |
| 120     | 44.5  | 22.1    | 66.1  |       |





#85

sec-Butylbenzene

Concen: 51.504 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

Instrument :

MSVOA\_X

ClientSampleId :

MW-BR1-081320MSD

Tot Ion:105 Resp: 1152128

Ion Ratio Lower Upper

105 100

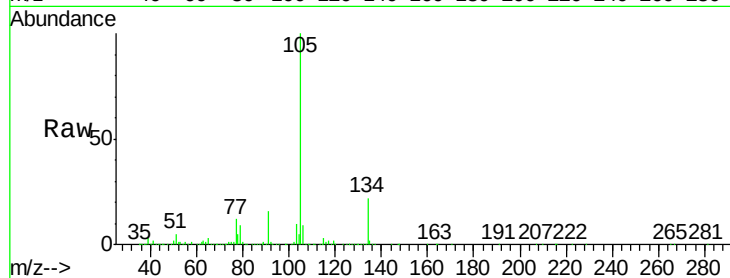
134 20.9 10.3 30.9

Manual Integrations

APPROVED

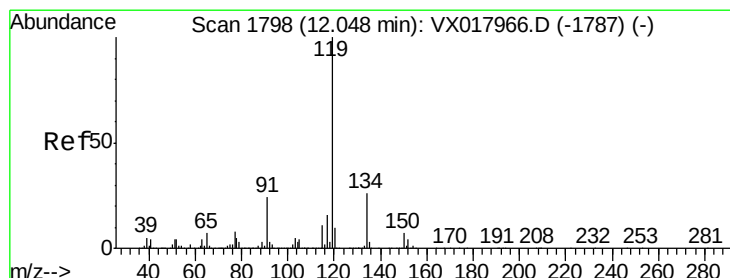
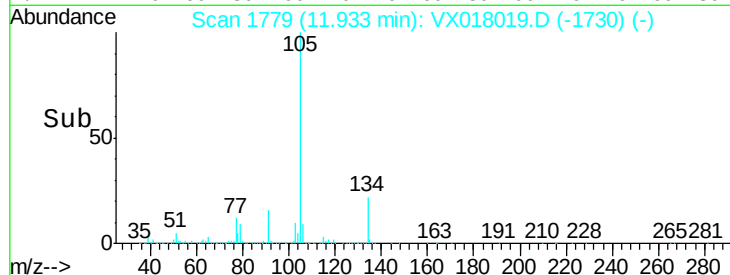
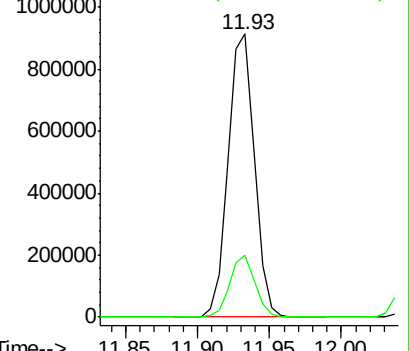
MMDadoda

8/20/2020 9:17:49 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.718 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

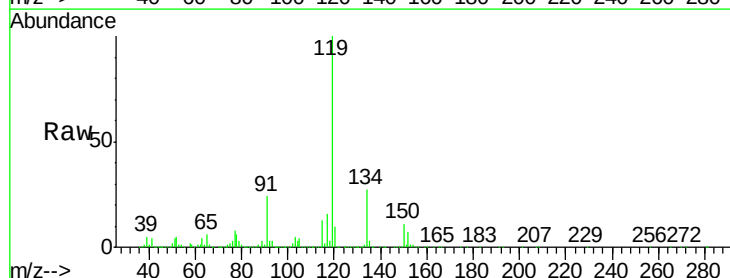
Tgt Ion:119 Resp: 1076196

Ion Ratio Lower Upper

119 100

134 26.5 12.7 38.0

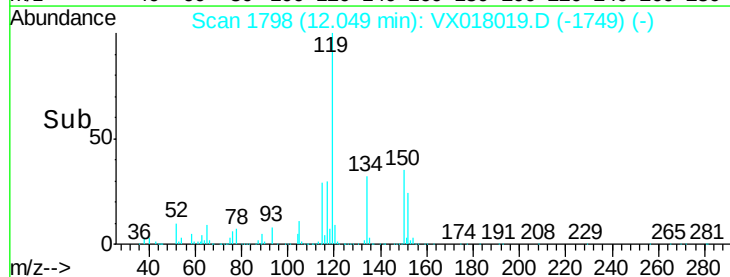
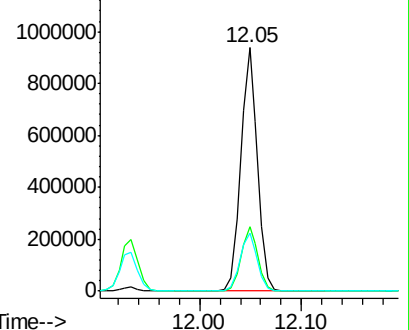
91 24.6 12.2 36.4



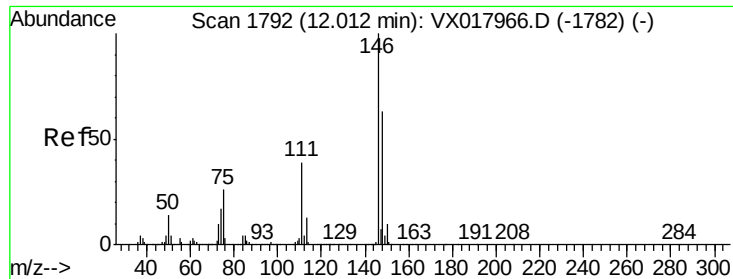
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V







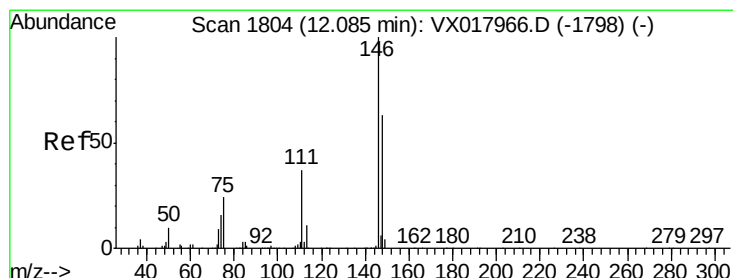
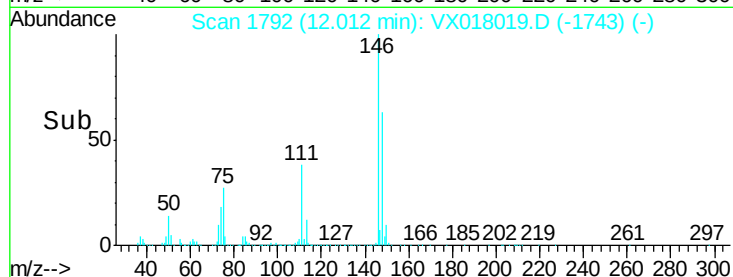
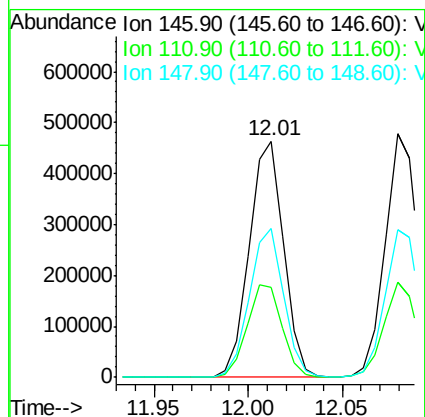
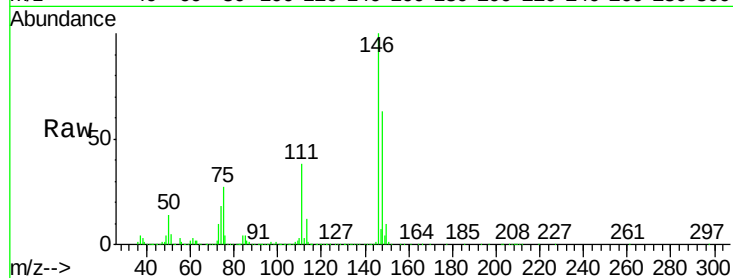
#87  
 1,3-Dichlorobenzene  
 Concen: 51.953 ug/l  
 RT: 12.01 min Scan# 1792  
 Delta R.T. 0.00 min  
 Lab File: VX018019.D  
 Acq: 20 Aug 2020 05:46

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-BR1-081320MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.9  | 20.1  | 60.3  |
| 148     | 62.7  | 31.6  | 95.0  |

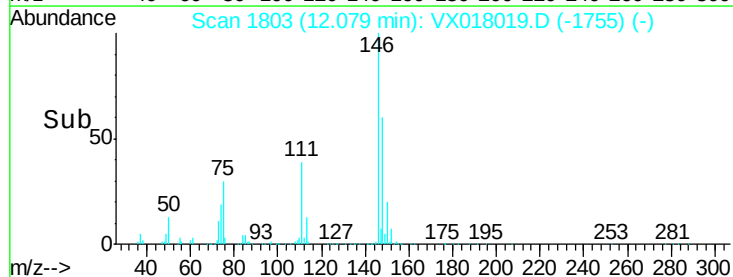
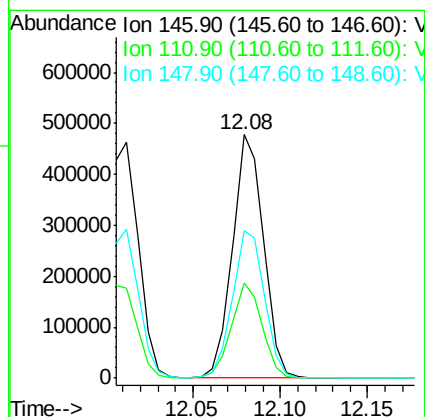
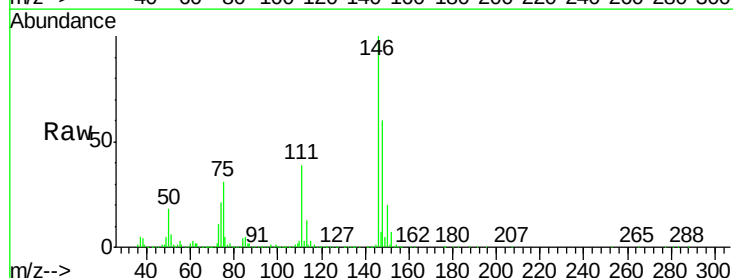
Manual Integrations  
 APPROVED

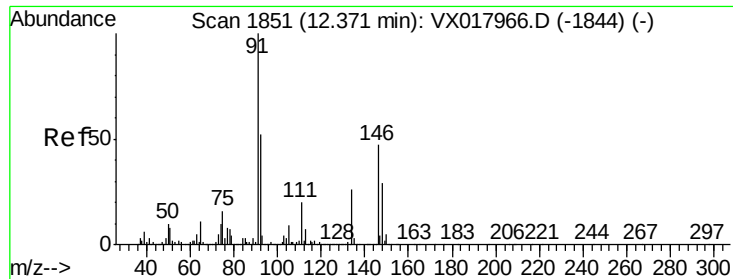
MMDadoda  
 8/20/2020 9:17:49 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 53.166 ug/l  
 RT: 12.08 min Scan# 1803  
 Delta R.T. -0.01 min  
 Lab File: VX018019.D  
 Acq: 20 Aug 2020 05:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.8  | 19.7  | 59.1  |
| 148     | 62.6  | 31.9  | 95.7  |





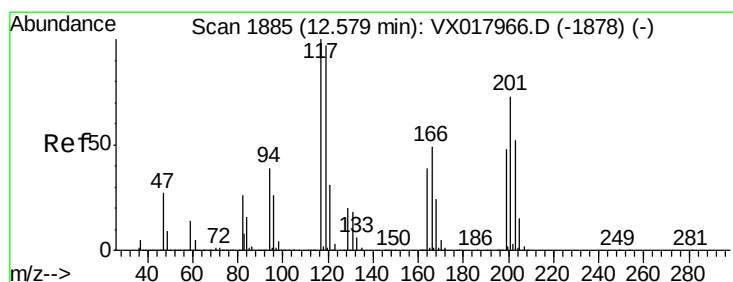
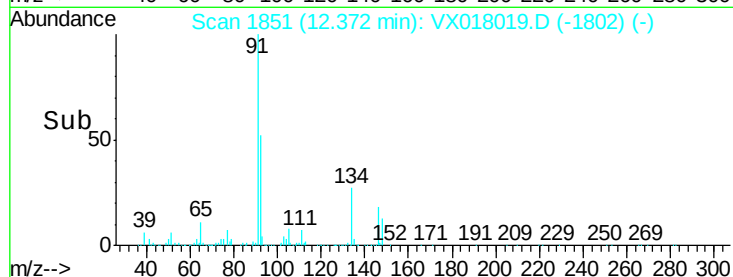
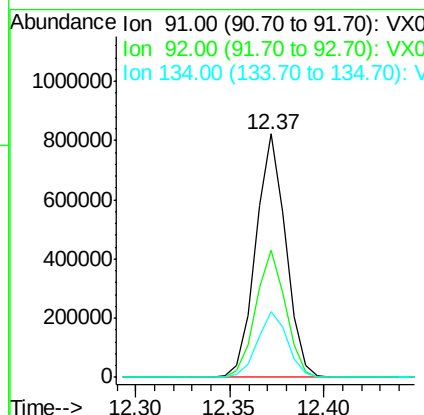
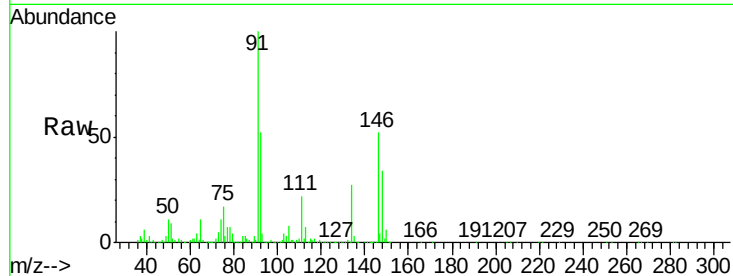
#89  
n-Butylbenzene  
Concen: 52.425 ug/l  
RT: 12.37 min Scan# 1851  
Delta R.T. 0.00 min  
Lab File: VX018019.D  
Acq: 20 Aug 2020 05:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-BR1-081320MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.2  | 25.7  | 77.0  |
| 134     | 26.9  | 13.4  | 40.2  |

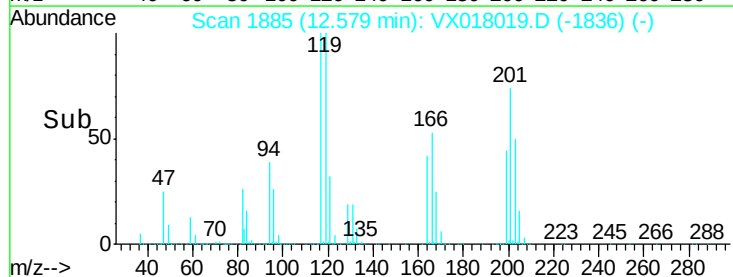
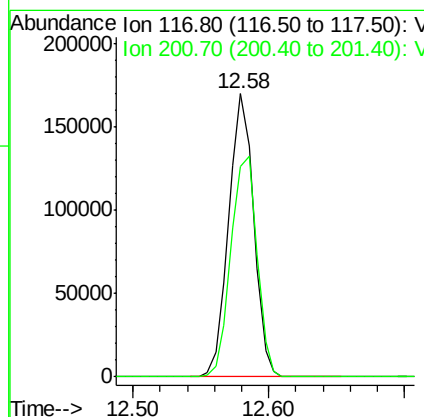
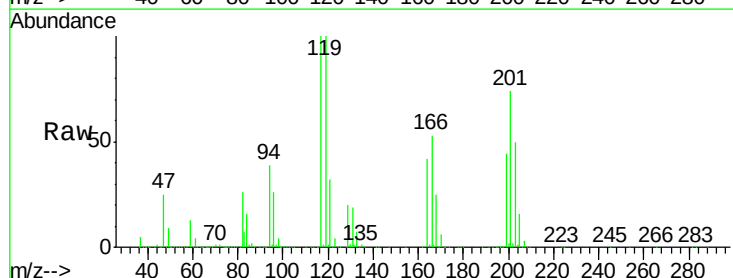
Manual Integrations  
APPROVED

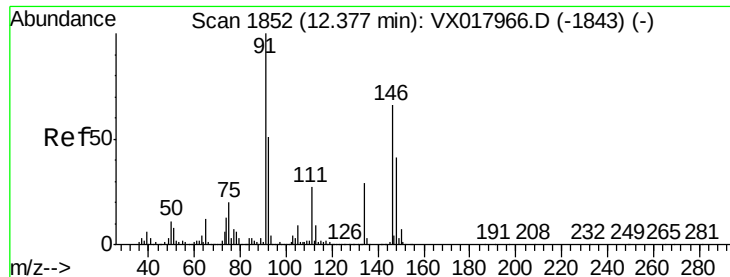
MMDadoda  
8/20/2020 9:17:49 AM



#90  
Hexachloroethane  
Concen: 52.553 ug/l  
RT: 12.58 min Scan# 1885  
Delta R.T. 0.00 min  
Lab File: VX018019.D  
Acq: 20 Aug 2020 05:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 81.4  | 40.8  | 122.2 |





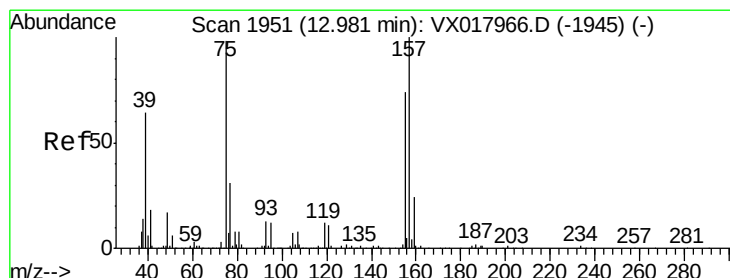
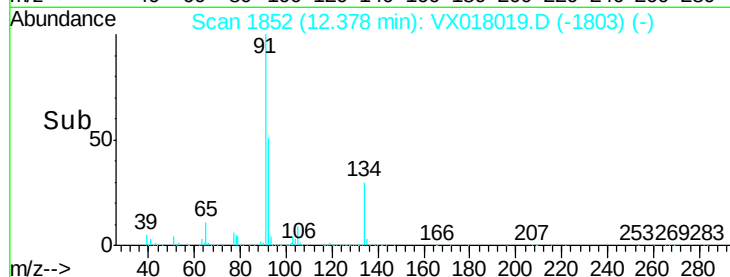
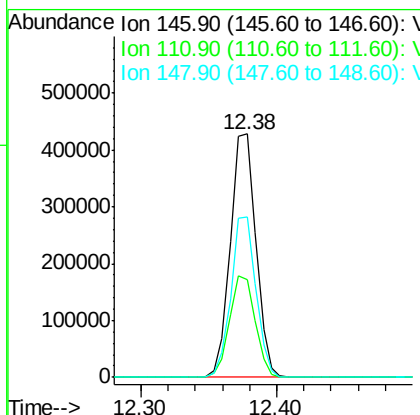
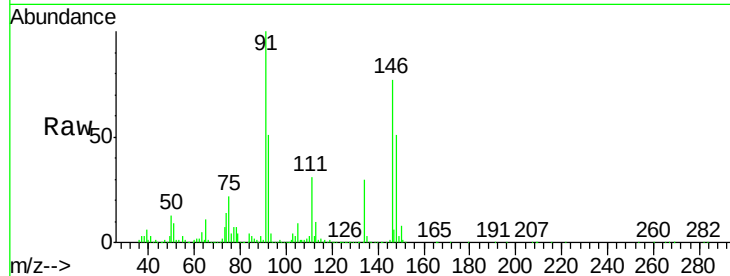
#91  
 1,2-Dichlorobenzene  
 Concen: 53.959 ug/l  
 RT: 12.38 min Scan# 1852  
 Delta R.T. 0.00 min  
 Lab File: VX018019.D  
 Acq: 20 Aug 2020 05:46

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-BR1-081320MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.8  | 20.6  | 61.9  |
| 148     | 64.6  | 31.2  | 93.6  |

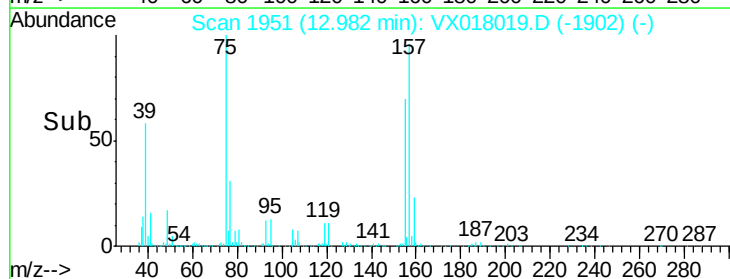
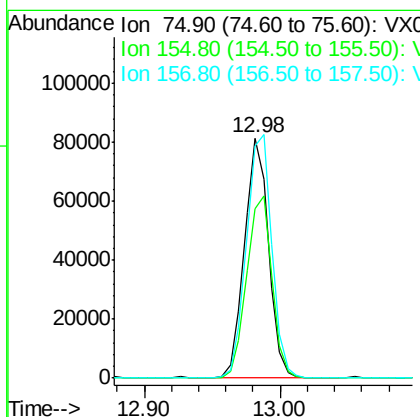
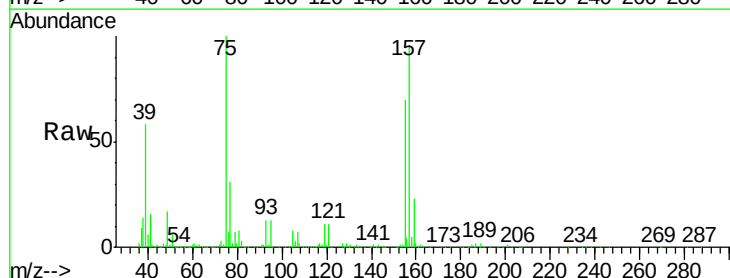
Manual Integrations  
 APPROVED

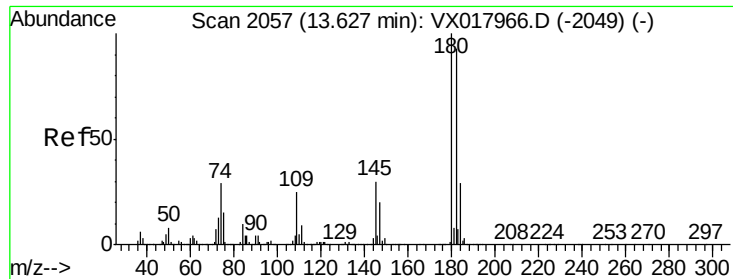
MMDadoda  
 8/20/2020 9:17:49 AM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 51.016 ug/l  
 RT: 12.98 min Scan# 1951  
 Delta R.T. 0.00 min  
 Lab File: VX018019.D  
 Acq: 20 Aug 2020 05:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 79.9  | 40.5  | 121.5 |
| 157     | 106.7 | 54.4  | 163.2 |





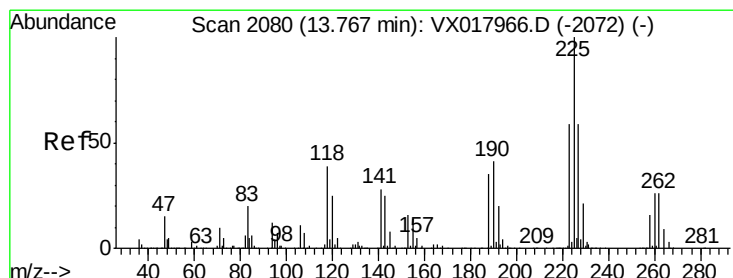
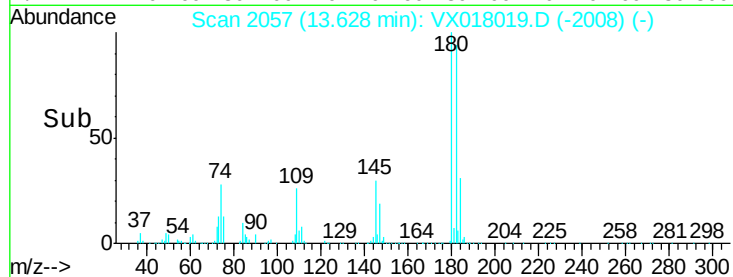
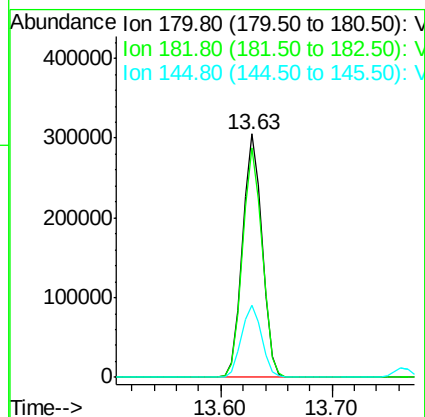
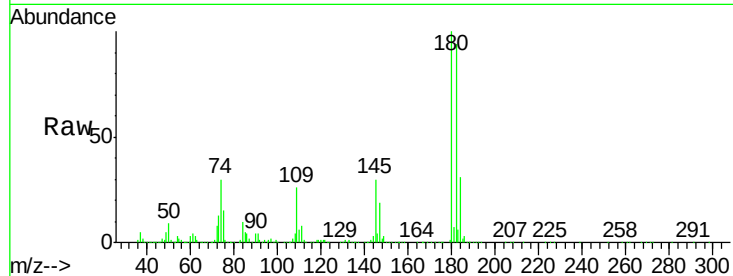
#93  
 1,2,4-Trichlorobenzene  
 Concen: 54.087 ug/l  
 RT: 13.63 min Scan# 2057  
 Delta R.T. 0.00 min  
 Lab File: VX018019.D  
 Acq: 20 Aug 2020 05:46

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-BR1-081320MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 370783 |       |       |
| 182     | 94.8  | 48.8   | 146.4 |       |
| 145     | 30.8  | 16.0   | 48.0  |       |

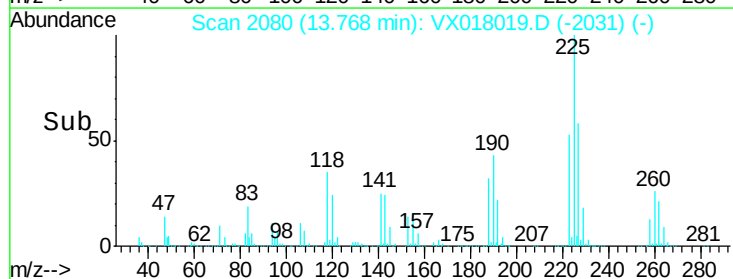
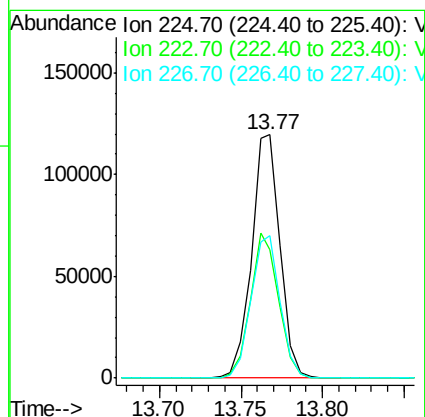
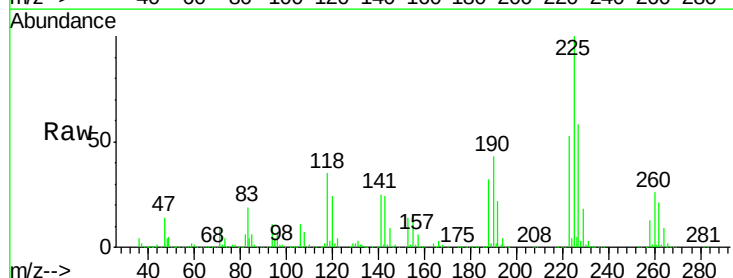
Manual Integrations  
 APPROVED

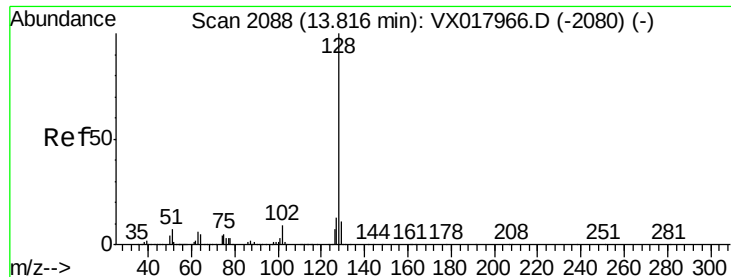
MMDadoda  
 8/20/2020 9:17:49 AM



#94  
 Hexachlorobutadiene  
 Concen: 49.620 ug/l  
 RT: 13.77 min Scan# 2080  
 Delta R.T. 0.00 min  
 Lab File: VX018019.D  
 Acq: 20 Aug 2020 05:46

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 145170 |       |       |
| 223     | 59.0  | 32.1   | 96.3  |       |
| 227     | 59.5  | 29.8   | 89.5  |       |





#95

Naphthalene

Concen: 56.969 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

Instrument :

MSVOA\_X

ClientSampleId :

MW-BR1-081320MSD

Tot Ion:128 Resp: 1232794

Ion Ratio Lower Upper

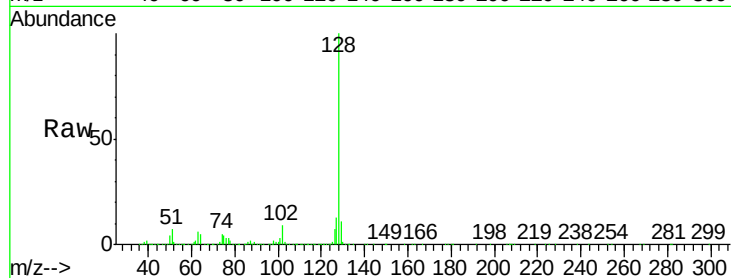
128 100

127 12.8 10.7 16.1

129 11.0 8.6 13.0

Manual Integrations  
APPROVED

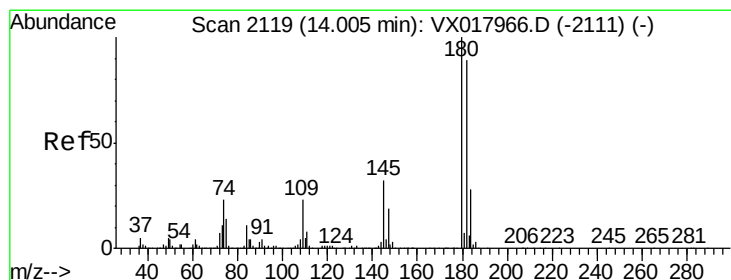
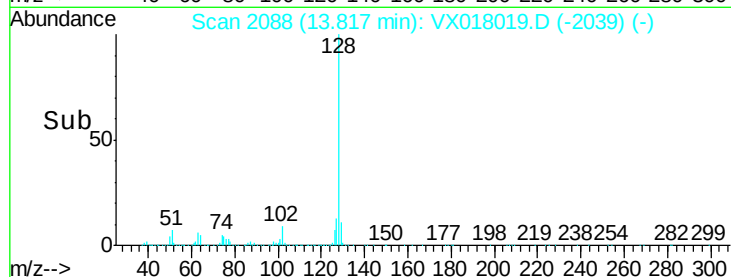
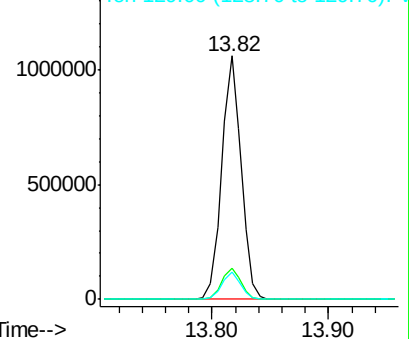
MMDadoda  
8/20/2020 9:17:49 AM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 54.726 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

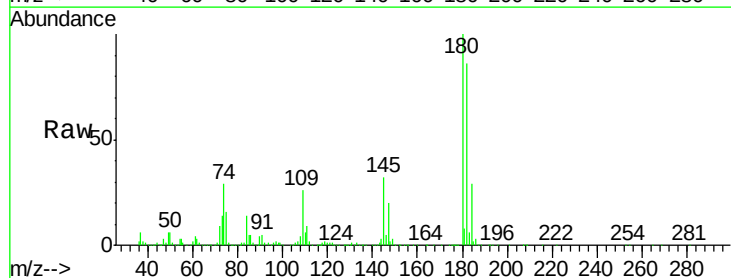
Tgt Ion:180 Resp: 381492

Ion Ratio Lower Upper

180 100

182 89.7 46.6 139.8

145 32.4 16.8 50.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

