

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080719\  
 Data File : VX011363.D  
 Acq On : 07 Aug 2019 15:07  
 Operator : JC/SP  
 Sample : VX0807WBSD01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0807WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 8/8/2019 10:56:56 AM

Quant Time: Aug 08 07:33:38 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X080119W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 02 01:55:00 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.65  | 168  | 163262   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 244940   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 227291   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 118013   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.06   | 65  | 95368    | 58.00 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 116.00% |      |
| 35) Dibromofluoromethane  | 5.49   | 113 | 84524    | 52.86 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 105.72% |      |
| 50) Toluene-d8            | 8.71   | 98  | 313997   | 52.02 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.04% |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 115727   | 53.70 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 107.40% |      |

## Target Compounds

|                               |      |     |        |         |      | Qvalue |
|-------------------------------|------|-----|--------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.19 | 85  | 23858  | 18.921  | ug/l | 98     |
| 3) Chloromethane              | 1.32 | 50  | 27159  | 19.180  | ug/l | 97     |
| 4) Vinyl Chloride             | 1.40 | 62  | 29812  | 19.140  | ug/l | 100    |
| 5) Bromomethane               | 1.63 | 94  | 20703  | 18.637  | ug/l | 100    |
| 6) Chloroethane               | 1.71 | 64  | 19167  | 18.212  | ug/l | 97     |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 53263  | 19.232  | ug/l | 99     |
| 8) Diethyl Ether              | 2.18 | 74  | 18939  | 19.152  | ug/l | 96     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 28992  | 19.347  | ug/l | 98     |
| 10) Methyl Iodide             | 2.50 | 142 | 32066  | 16.973  | ug/l | 97     |
| 11) Tert butyl alcohol        | 3.03 | 59  | 34510  | 105.274 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 28113  | 18.926  | ug/l | 94     |
| 13) Acrolein                  | 2.29 | 56  | 18603  | 91.036  | ug/l | 100    |
| 14) Allyl chloride            | 2.72 | 41  | 42077  | 21.248  | ug/l | 96     |
| 15) Acrylonitrile             | 3.14 | 53  | 81490  | 104.158 | ug/l | 98     |
| 16) Acetone                   | 2.43 | 43  | 69630  | 88.975  | ug/l | 95     |
| 17) Carbon Disulfide          | 2.56 | 76  | 65962  | 18.923  | ug/l | 99     |
| 18) Methyl Acetate            | 2.76 | 43  | 37325  | 20.871  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 3.19 | 73  | 93838  | 21.437  | ug/l | 99     |
| 20) Methylene Chloride        | 2.85 | 84  | 32542  | 18.987  | ug/l | 96     |
| 21) trans-1,2-Dichloroethene  | 3.16 | 96  | 30624  | 19.489  | ug/l | 94     |
| 22) Diisopropyl ether         | 3.85 | 45  | 89739  | 20.619  | ug/l | 97     |
| 23) Vinyl Acetate             | 3.81 | 43  | 388745 | 107.691 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 3.69 | 63  | 52850  | 20.593  | ug/l | 97     |
| 25) 2-Butanone                | 4.67 | 43  | 109540 | 98.400  | ug/l | 98     |
| 26) 2,2-Dichloropropane       | 4.58 | 77  | 38777  | 19.437  | ug/l | 98     |
| 27) cis-1,2-Dichloroethene    | 4.59 | 96  | 36215  | 20.010  | ug/l | 97     |
| 28) Bromochloromethane        | 5.01 | 49  | 22734  | 19.431  | ug/l | 98     |
| 29) Tetrahydrofuran           | 5.12 | 42  | 68968  | 101.042 | ug/l | 100    |
| 30) Chloroform                | 5.20 | 83  | 57465  | 20.602  | ug/l | 96     |
| 31) Cyclohexane               | 5.57 | 56  | 42141  | 19.903  | ug/l | 93     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 49310  | 20.637  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 5.80 | 75  | 40414  | 18.898  | ug/l | 98     |
| 37) Ethyl Acetate             | 4.82 | 43  | 43425  | 20.244  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 5.77 | 117 | 42072  | 19.554  | ug/l | 96     |

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 Data File : VX011363.D  
 Acq On : 07 Aug 2019 15:07  
 Operator : JC/SP  
 Sample : VX0807WBSD01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VX0807WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 8/8/2019 10:56:56 AM

Quant Time: Aug 08 07:33:38 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X080119W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 02 01:55:00 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 45300    | 17.870  | ug/l   | 96       |
| 40) Benzene                    | 6.14  | 78   | 124304   | 19.478  | ug/l   | 96       |
| 41) Methacrylonitrile          | 5.03  | 41   | 23445    | 20.013  | ug/l   | 97       |
| 42) 1,2-Dichloroethane         | 6.19  | 62   | 45818    | 21.232  | ug/l   | 97       |
| 43) Isopropyl Acetate          | 6.44  | 43   | 68990    | 20.116  | ug/l   | 99       |
| 44) Trichloroethene            | 7.21  | 130  | 35921    | 18.596  | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 31107    | 18.822  | ug/l   | 95       |
| 46) Dibromomethane             | 7.66  | 93   | 22781    | 18.882  | ug/l   | 97       |
| 47) Bromodichloromethane       | 7.90  | 83   | 40811    | 19.979  | ug/l   | 98       |
| 48) Methyl methacrylate        | 7.76  | 41   | 33764    | 20.919  | ug/l   | 96       |
| 49) 1,4-Dioxane                | 7.74  | 88   | 15390    | 328.907 | ug/l # | 89       |
| 51) 4-Methyl-2-Pentanone       | 8.64  | 43   | 226597   | 102.379 | ug/l   | 99       |
| 52) Toluene                    | 8.78  | 92   | 81926    | 19.417  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 42409    | 19.653  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 46483    | 19.480  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 35070    | 20.216  | ug/l   | 96       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 50488    | 20.422  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 54983    | 20.041  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 122230   | 100.555 | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.49  | 43   | 174967   | 102.060 | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.58  | 129  | 35247    | 19.845  | ug/l   | 97       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 37046    | 19.765  | ug/l   | 98       |
| 64) Tetrachloroethene          | 9.34  | 164  | 35784    | 18.539  | ug/l   | 96       |
| 65) Chlorobenzene              | 10.13 | 112  | 92899    | 19.062  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 33224    | 19.913  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 159342   | 19.523  | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.35 | 106  | 121520   | 38.493  | ug/l   | 97       |
| 69) o-Xylene                   | 10.69 | 106  | 58252    | 18.780  | ug/l   | 96       |
| 70) Styrene                    | 10.71 | 104  | 99774    | 19.440  | ug/l   | 98       |
| 71) Bromoform                  | 10.85 | 173  | 25063    | 18.684  | ug/l # | 98       |
| 73) Isopropylbenzene           | 11.02 | 105  | 160336   | 19.865  | ug/l   | 100      |
| 74) N-amyl acetate             | 10.90 | 43   | 62215    | 21.333  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.26 | 83   | 53837    | 20.016  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 44928m   | 20.905  | ug/l   |          |
| 77) Bromobenzene               | 11.25 | 156  | 44410    | 19.843  | ug/l   | 96       |
| 78) n-propylbenzene            | 11.36 | 91   | 178007   | 19.832  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 106586   | 19.923  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 130704   | 19.345  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 13856    | 20.185  | ug/l   | 95       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 123725   | 19.844  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 130737   | 19.729  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 134757   | 20.032  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.94 | 105  | 157028   | 19.723  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 143744   | 19.625  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 76196    | 19.268  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 77287    | 18.953  | ug/l   | 96       |
| 89) n-Butylbenzene             | 12.38 | 91   | 123544   | 19.578  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.60 | 117  | 21002    | 19.395  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 76969    | 19.371  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 11162    | 21.419  | ug/l   | 98       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080719\  
Data File : VX011363.D  
Acq On : 07 Aug 2019 15:07  
Operator : JC/SP  
Sample : VX0807WBSD01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807WBSD01

Manual Integrations  
APPROVED

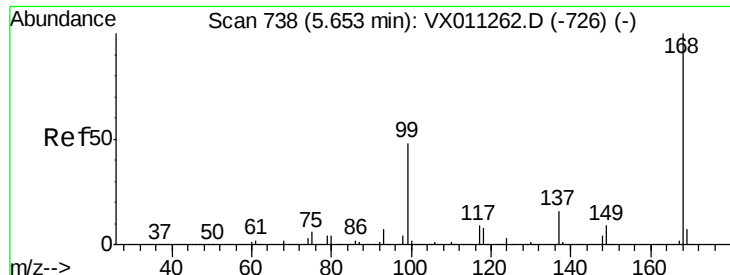
MMDadoda  
8/8/2019 10:56:56 AM

Quant Time: Aug 08 07:33:38 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X080119W.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 02 01:55:00 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 51933    | 19.708 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 24534    | 18.351 | ug/l  | 98       |
| 95) Naphthalene            | 13.83 | 128  | 164586   | 21.358 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 54229    | 20.243 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011363.D

Acq: 07 Aug 2019 15:07

Instrument :

MSVOA\_X

ClientSampleId :

VX0807WBSD01

Tot Ion:168 Resp: 163262

Ion Ratio Lower Upper

168 100

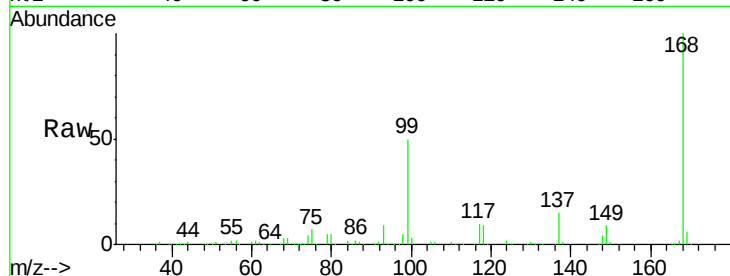
99 50.4 38.5 57.7

Manual Integrations

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8/8/2019 10:56:56 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

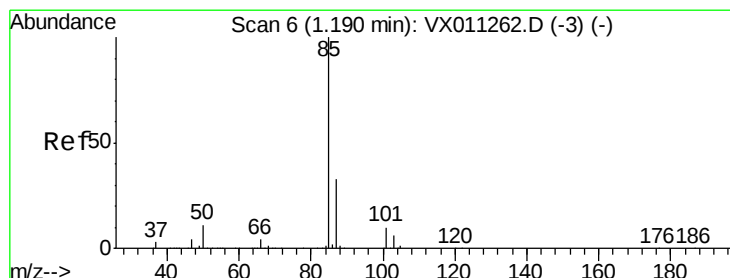
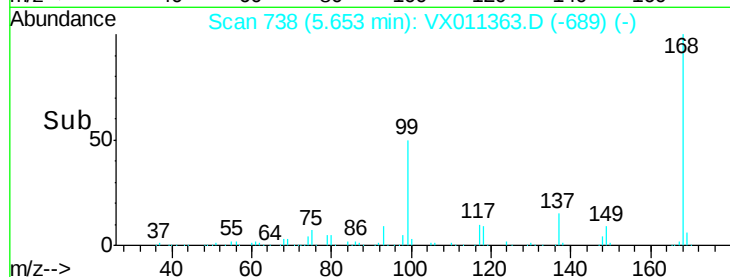
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.921 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011363.D

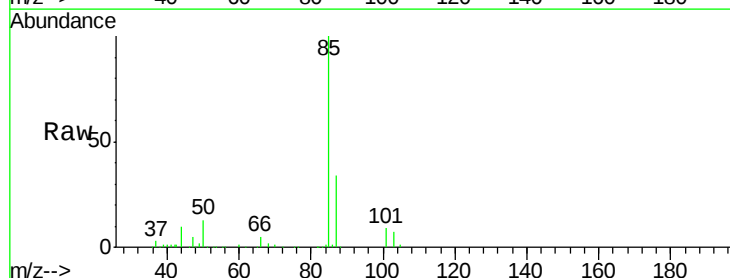
Acq: 07 Aug 2019 15:07

Tgt Ion: 85 Resp: 23858

Ion Ratio Lower Upper

85 100

87 33.9 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

25000

20000

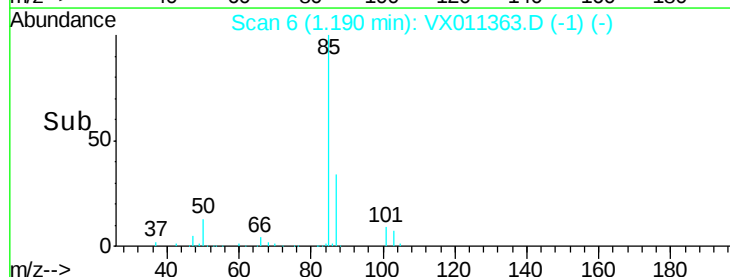
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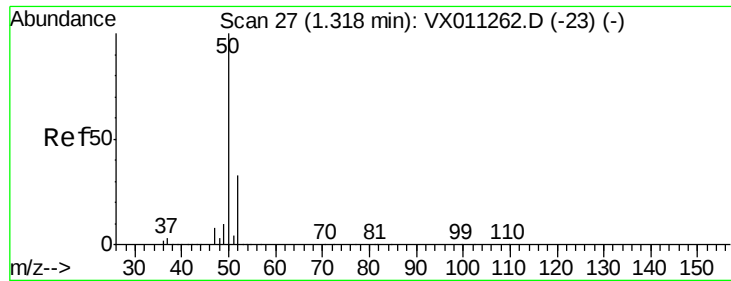
10000

5000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 19.180 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011363.D

Acq: 07 Aug 2019 15:07

Instrument :

MSVOA\_X

ClientSampleId :

VX0807WBSD01

Tot Ion: 50 Resp: 27159

Ion Ratio Lower Upper

50 100

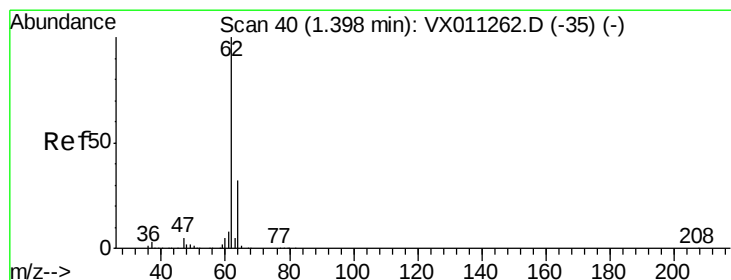
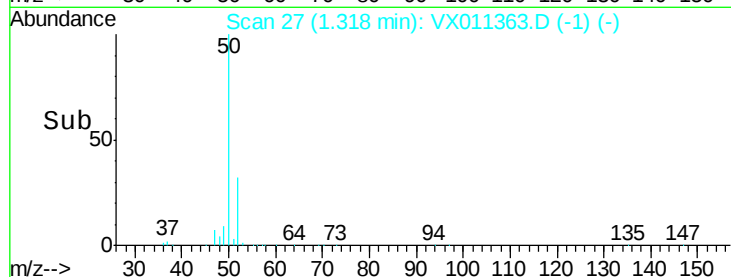
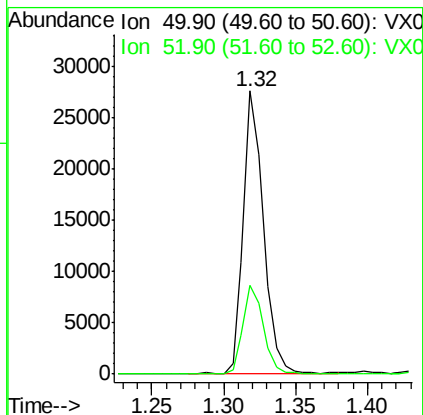
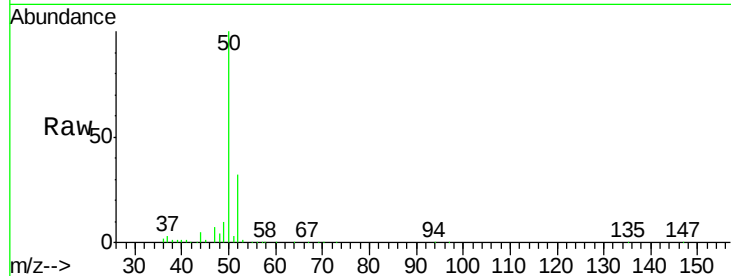
52 31.5 26.4 39.6

Manual Integrations

APPROVED

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8/8/2019 10:56:56 AM



#4

Vinyl Chloride

Concen: 19.140 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011363.D

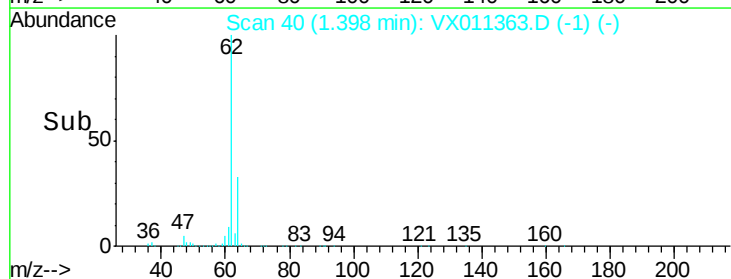
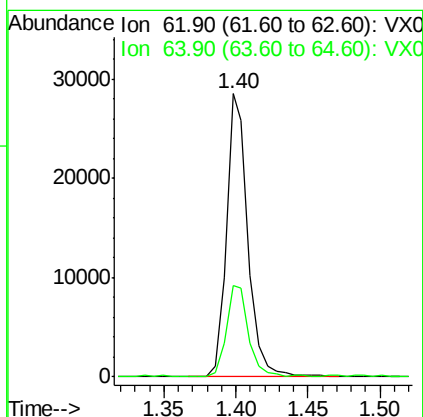
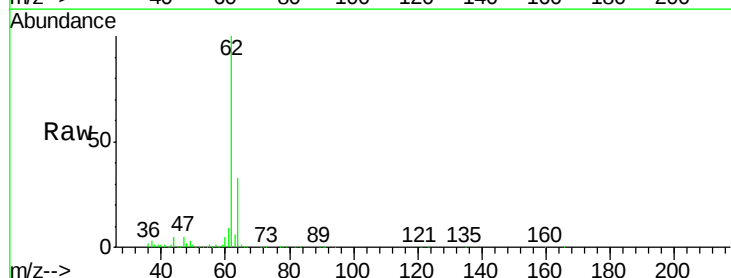
Acq: 07 Aug 2019 15:07

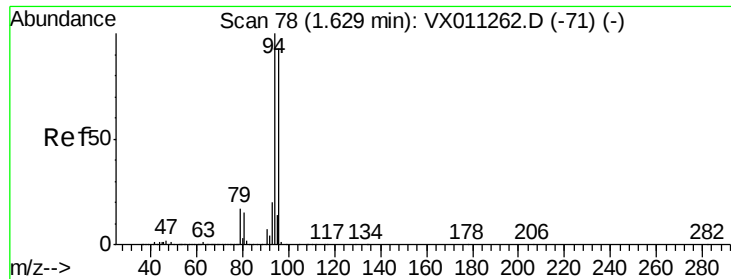
Tgt Ion: 62 Resp: 29812

Ion Ratio Lower Upper

62 100

64 32.5 26.0 39.0





#5

Bromomethane

Concen: 18.637 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011363.D

Acq: 07 Aug 2019 15:07

Tot Ion: 94 Resp: 20703

Ion Ratio Lower Upper

94 100

96 93.7 74.6 112.0

Instrument :

MSVOA\_X

ClientSampleId :

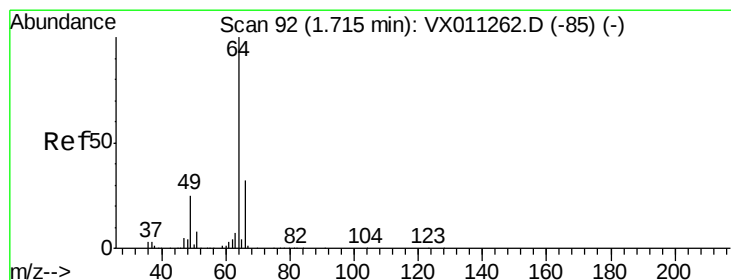
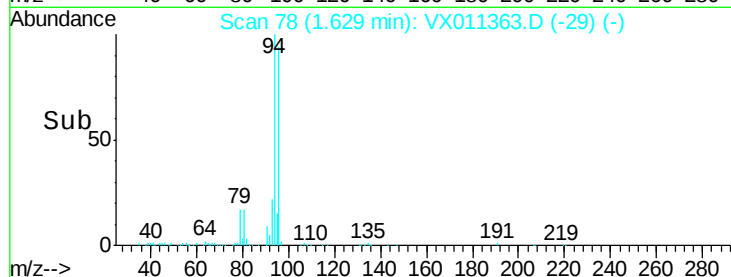
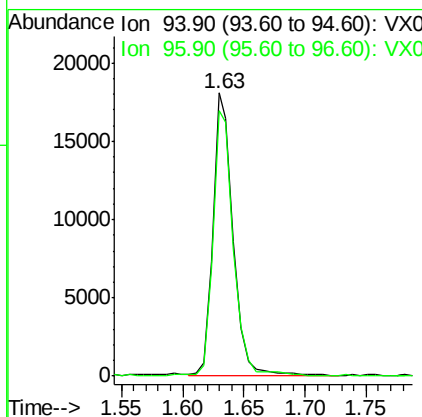
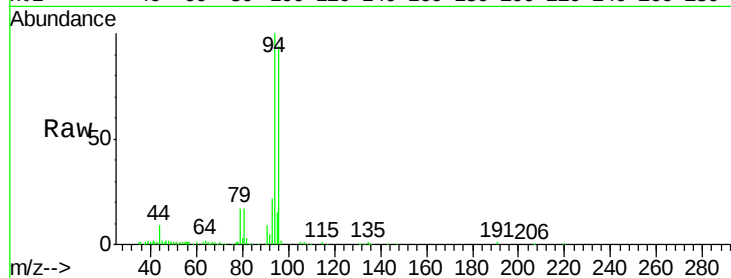
VX0807WBSD01

Manual Integrations

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8/8/2019 10:56:56 AM



#6

Chloroethane

Concen: 18.212 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011363.D

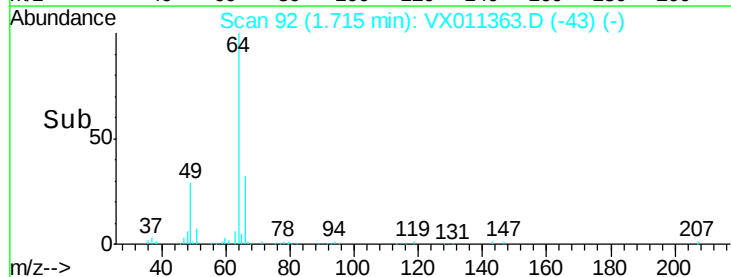
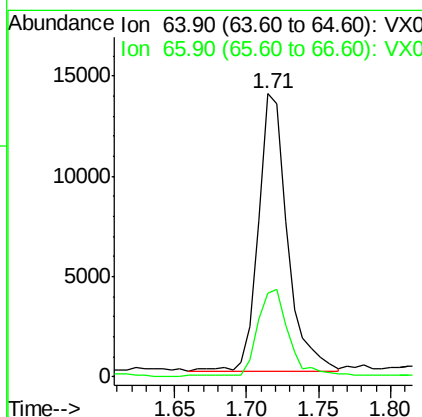
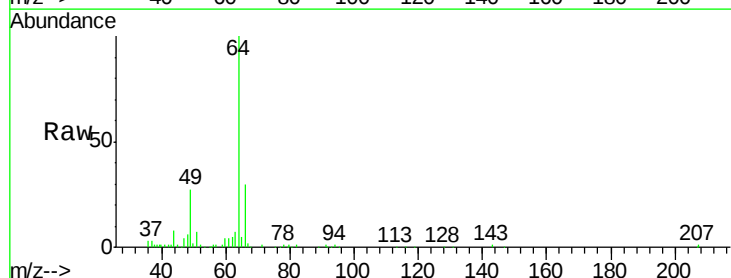
Acq: 07 Aug 2019 15:07

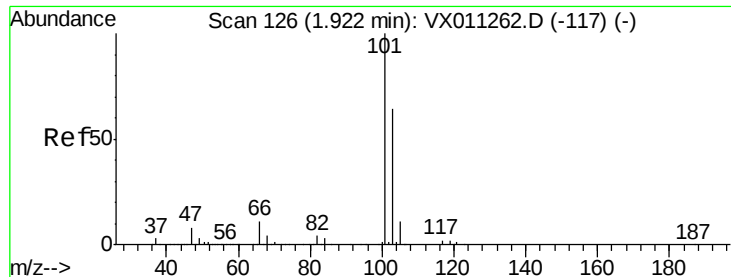
Tgt Ion: 64 Resp: 19167

Ion Ratio Lower Upper

64 100

66 29.8 25.1 37.7





#7

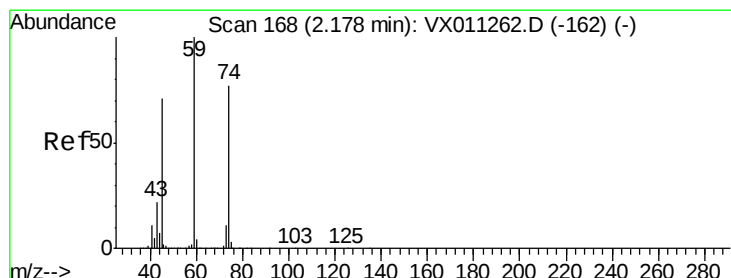
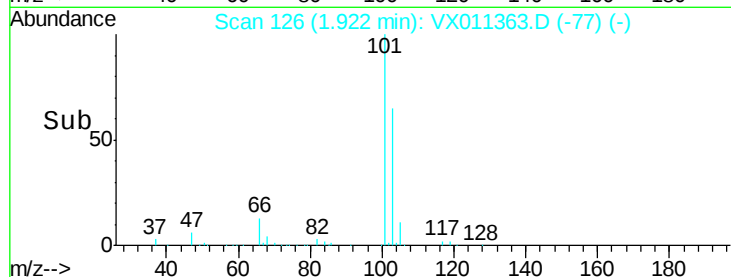
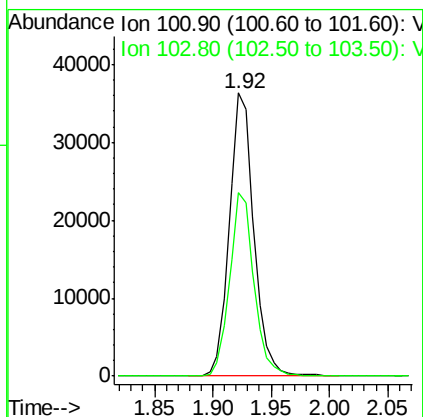
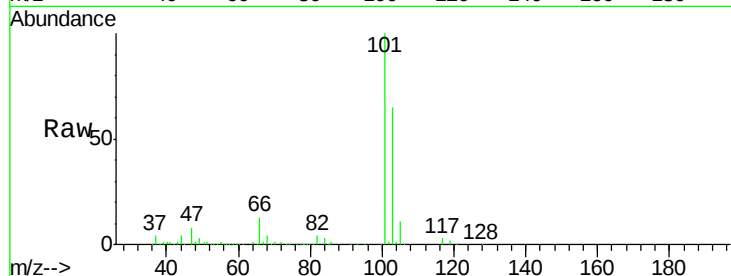
Trichlorofluoromethane  
Concen: 19.232 ug/l  
RT: 1.92 min Scan# 126  
Delta R.T. 0.00 min  
Lab File: VX011363.D  
Acq: 07 Aug 2019 15:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 64.7  | 50.9  | 76.3  |

Manual Integrations  
APPROVED

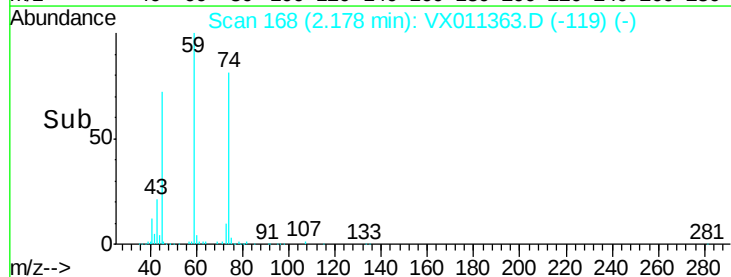
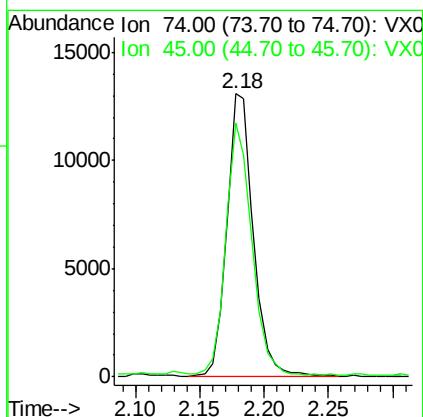
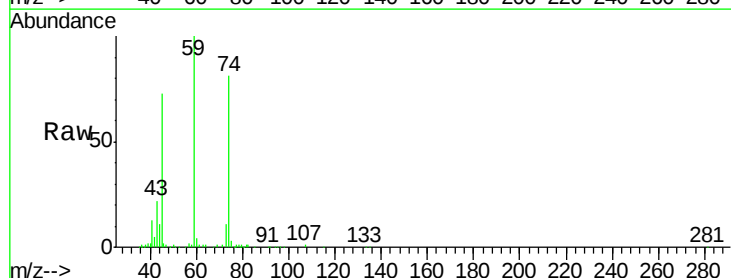
MMDadoda  
8/8/2019 10:56:56 AM



#8

Diethyl Ether  
Concen: 19.152 ug/l  
RT: 2.18 min Scan# 168  
Delta R.T. 0.00 min  
Lab File: VX011363.D  
Acq: 07 Aug 2019 15:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 87.9  | 46.1  | 138.3 |





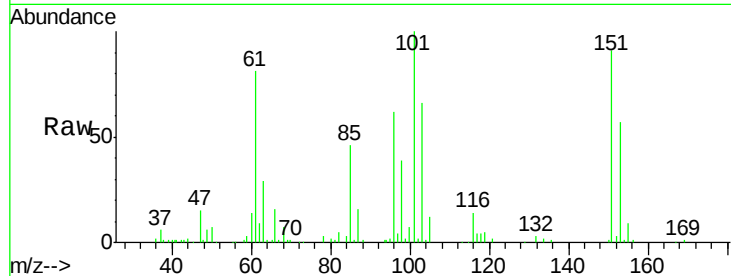
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.347 ug/l  
RT: 2.38 min Scan# 201  
Delta R.T. 0.01 min  
Lab File: VX011363.D  
Acq: 07 Aug 2019 15:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807WBSD01

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 101     | 100   | 28992 |       |       |
| 85      | 44.2  | 33.8  | 50.6  |       |
| 151     | 85.2  | 69.5  | 104.3 |       |

Manual Integrations  
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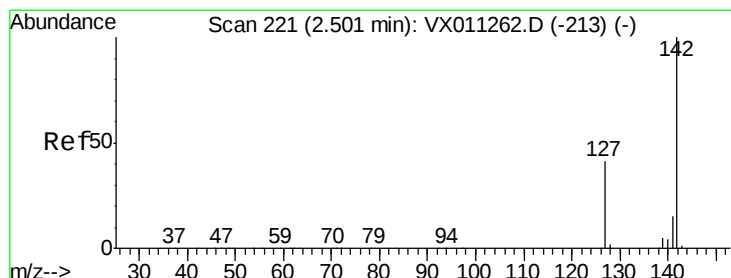
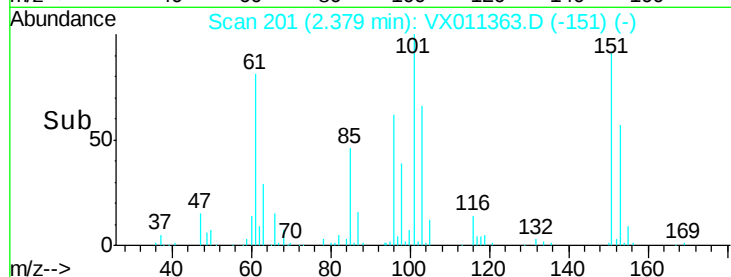
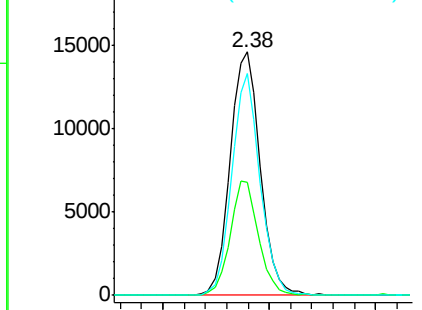


Abundance

Ion 100.90 (100.60 to 101.60): V

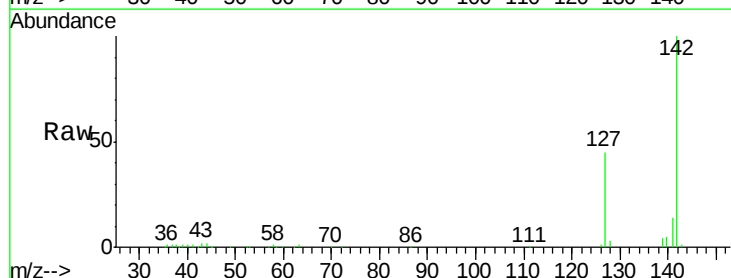
Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10  
Methyl Iodide  
Concen: 16.973 ug/l  
RT: 2.50 min Scan# 221  
Delta R.T. 0.00 min  
Lab File: VX011363.D  
Acq: 07 Aug 2019 15:07

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 142     | 100   | 32066 |       |       |
| 127     | 44.8  | 33.8  | 50.8  |       |
| 141     | 14.8  | 11.4  | 17.2  |       |

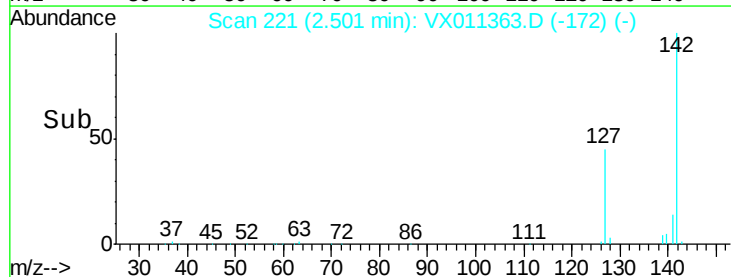
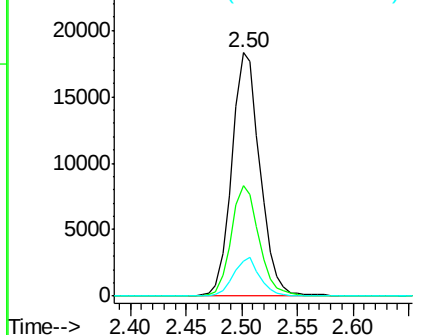


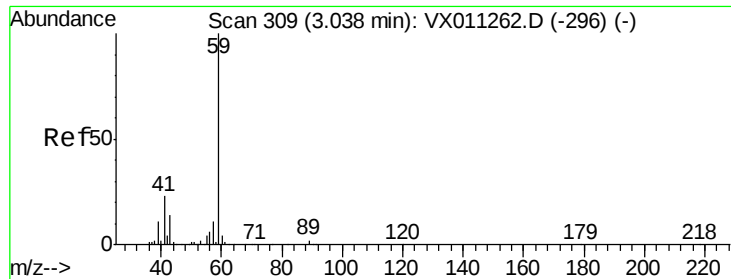
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





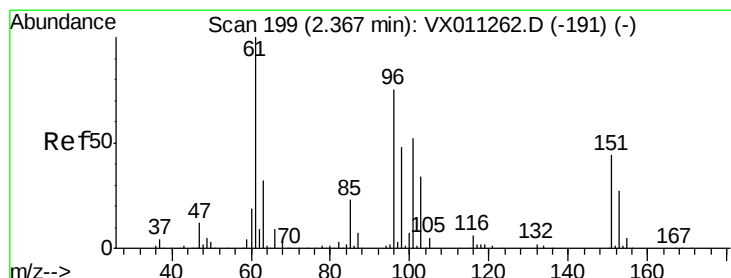
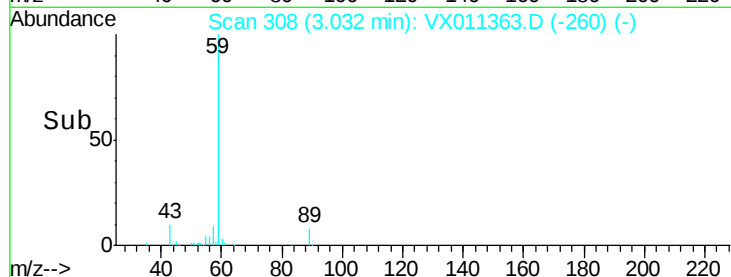
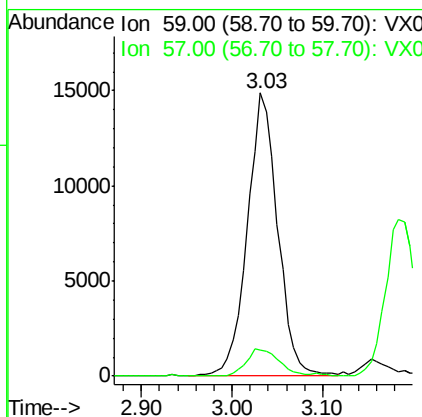
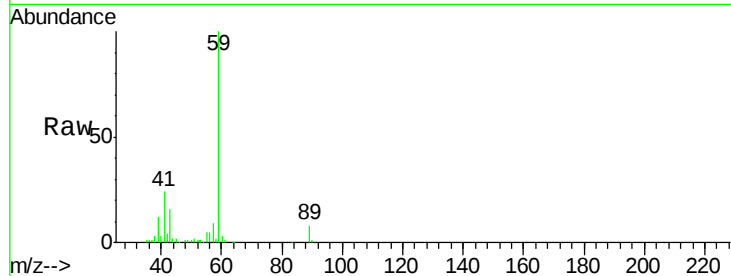
#11  
Tert butyl alcohol  
Concen: 105.274 ug/l  
RT: 3.03 min Scan# 308  
Delta R.T. -0.01 min  
Lab File: VX011363.D  
Acq: 07 Aug 2019 15:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807WBSD01

| Tot Ion | 59 | 57 | Ratio | 100 | 10.2 | Resp | Lower | Upper |
|---------|----|----|-------|-----|------|------|-------|-------|
| 34510   |    |    |       |     |      |      | 8.3   | 12.5  |

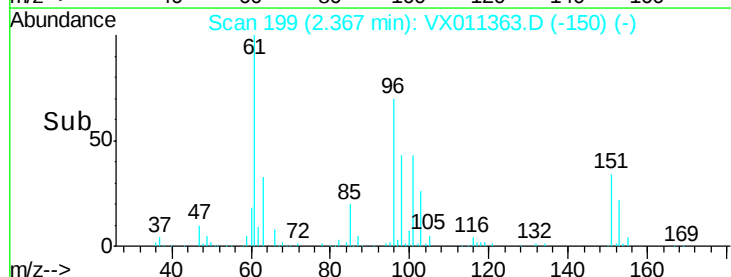
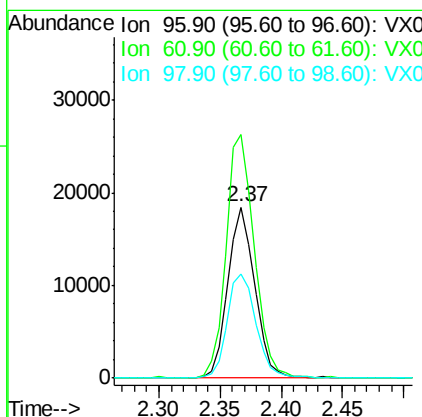
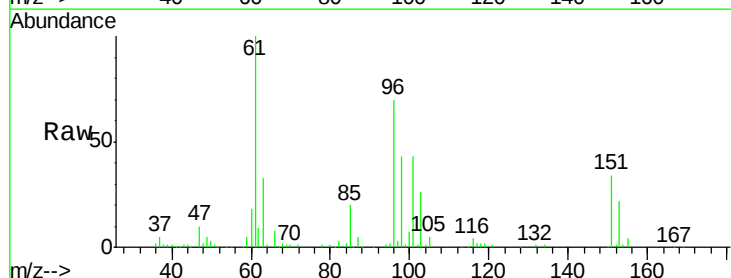
Manual Integrations  
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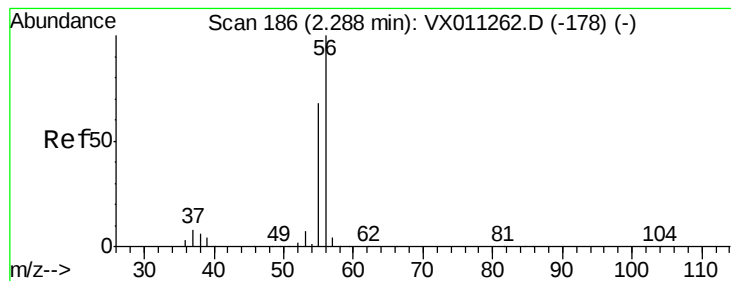
MMDadoda  
8/8/2019 10:56:56 AM



#12  
1,1-Dichloroethene  
Concen: 18.926 ug/l  
RT: 2.37 min Scan# 199  
Delta R.T. 0.00 min  
Lab File: VX011363.D  
Acq: 07 Aug 2019 15:07

| Tgt Ion | 96 | 61 | 98 | Ratio | 100 | 142.3 | 61.1 | Resp | Lower | Upper |
|---------|----|----|----|-------|-----|-------|------|------|-------|-------|
| 28113   |    |    |    |       |     |       |      |      | 106.2 | 159.2 |





#13

Acrolein

Concen: 91.036 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011363.D

Acq: 07 Aug 2019 15:07

Instrument :

MSVOA\_X

ClientSampled :

VX0807WBSD01

Tot Ion: 56 Resp: 18603

Ion Ratio Lower Upper

56 100

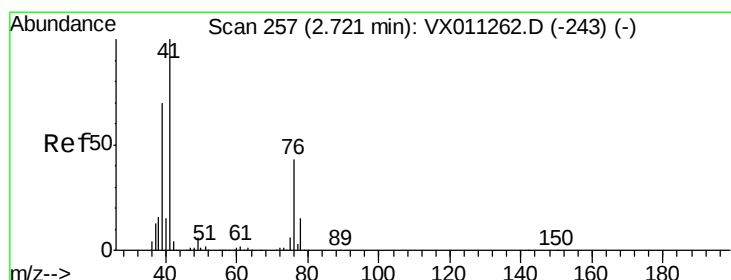
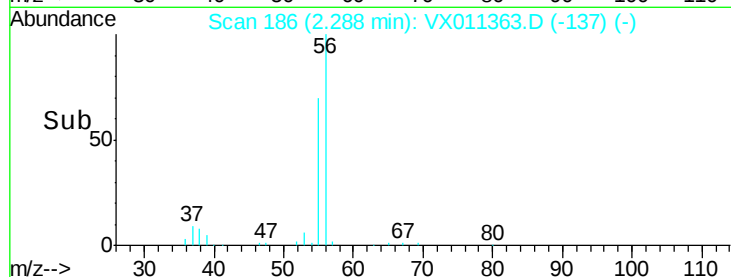
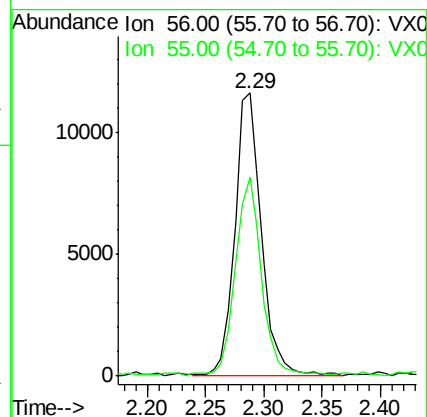
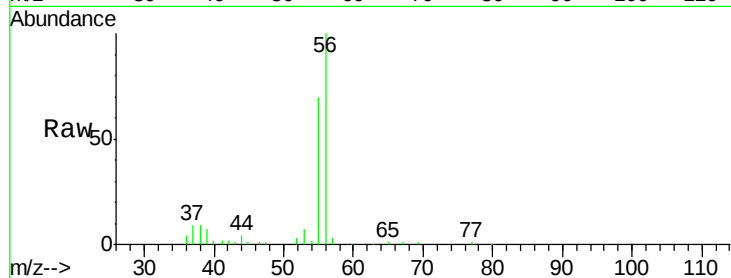
55 69.9 56.0 84.0

Manual Integrations

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#14

Allyl chloride

Concen: 21.248 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011363.D

Acq: 07 Aug 2019 15:07

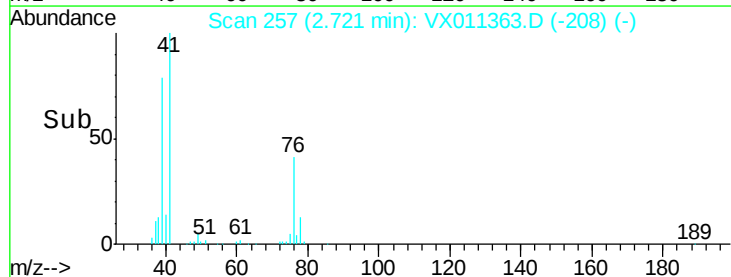
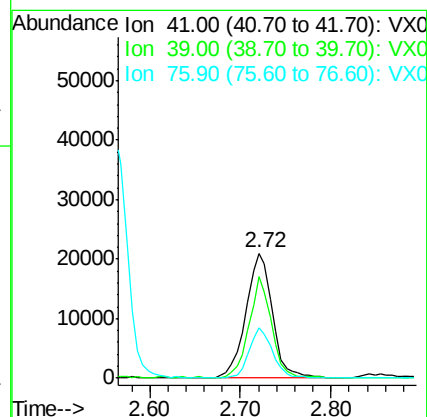
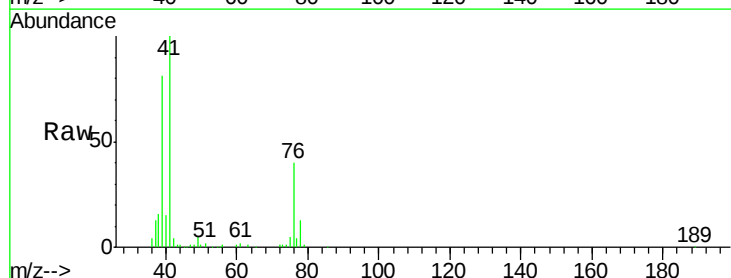
Tgt Ion: 41 Resp: 42077

Ion Ratio Lower Upper

41 100

39 68.4 52.8 79.2

76 35.8 31.1 46.7





#15

Acrylonitrile

Concen: 104.158 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011363.D

Acq: 07 Aug 2019 15:07

Instrument :

MSVOA\_X

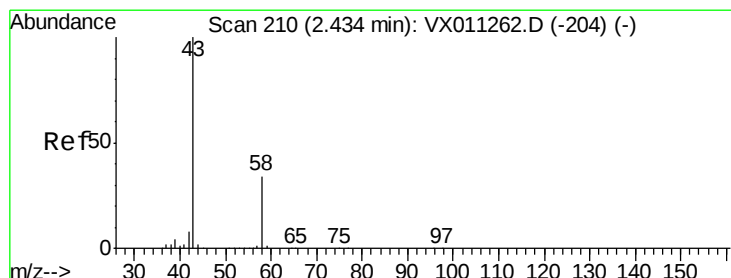
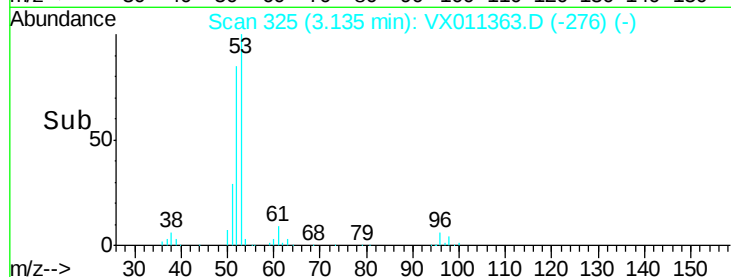
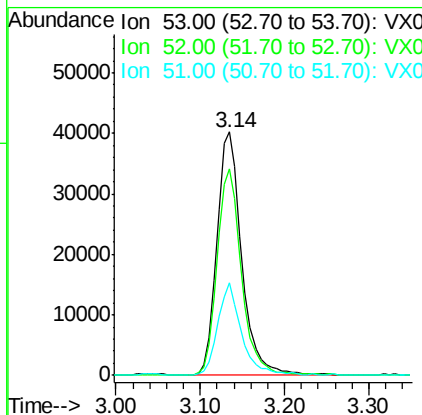
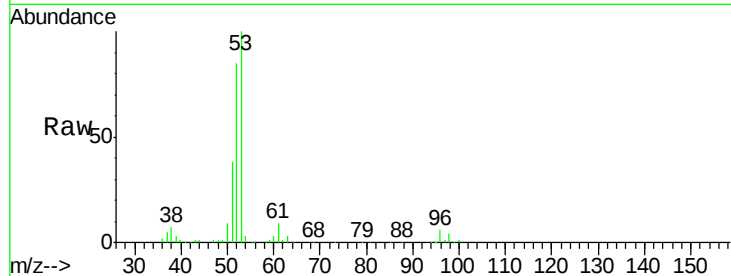
ClientSampled :

VX0807WBSD01

|           |      |       |       |
|-----------|------|-------|-------|
| Tot Ion:  | 53   | Resp: | 81490 |
| Ion Ratio |      | Lower | Upper |
| 53        | 100  |       |       |
| 52        | 83.8 | 65.5  | 98.3  |
| 51        | 36.5 | 27.9  | 41.9  |

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#16

Acetone

Concen: 88.975 ug/l

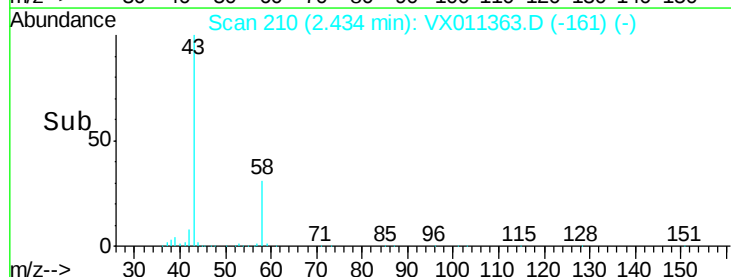
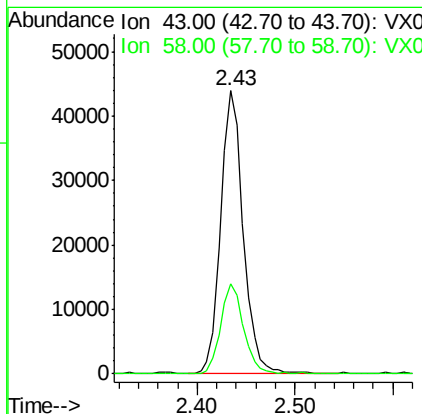
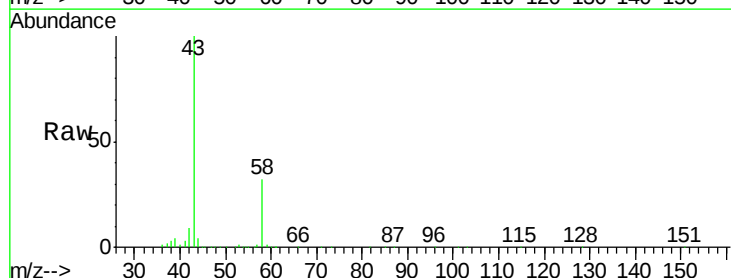
RT: 2.43 min Scan# 210

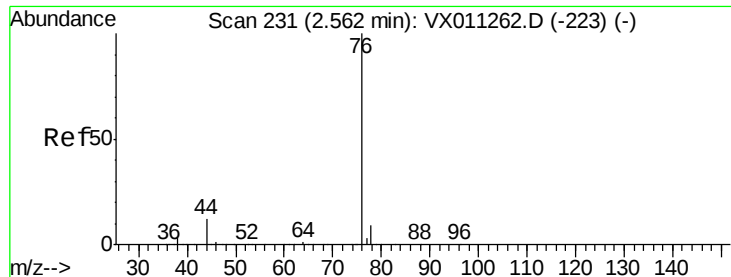
Delta R.T. 0.00 min

Lab File: VX011363.D

Acq: 07 Aug 2019 15:07

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 43   | Resp: | 69630 |
| Ion Ratio |      | Lower | Upper |
| 43        | 100  |       |       |
| 58        | 31.5 | 27.4  | 41.0  |





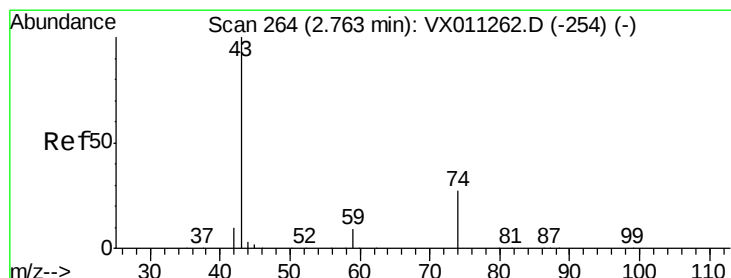
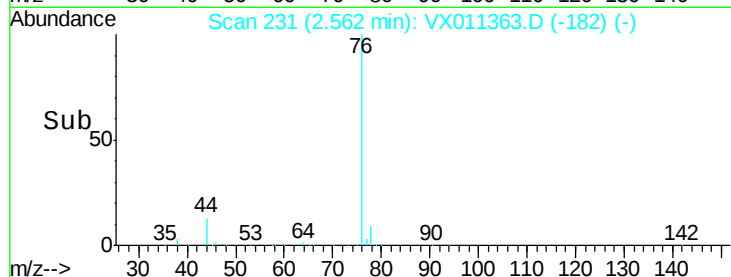
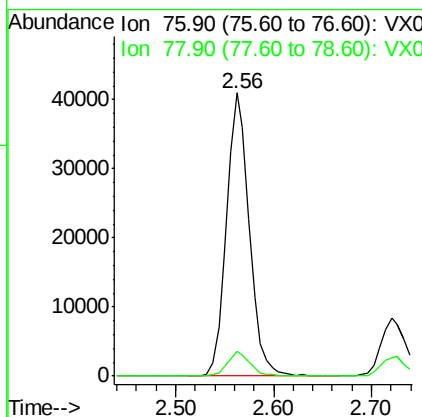
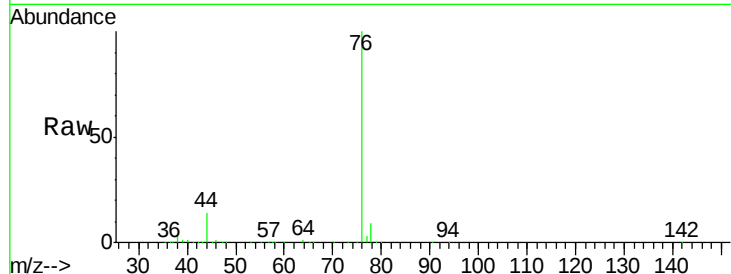
#17  
Carbon Disulfide  
Concen: 18.923 ug/l  
RT: 2.56 min Scan# 231  
Delta R.T. 0.00 min  
Lab File: VX011363.D  
Acq: 07 Aug 2019 15:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.0   | 7.4   | 11.0  |

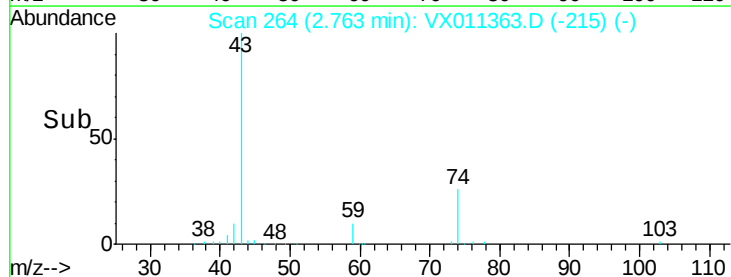
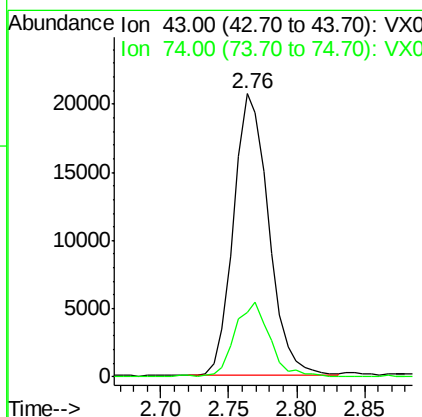
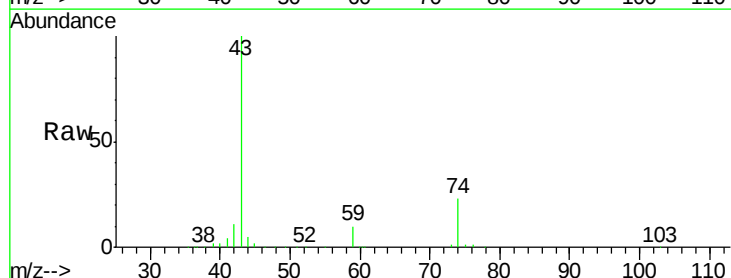
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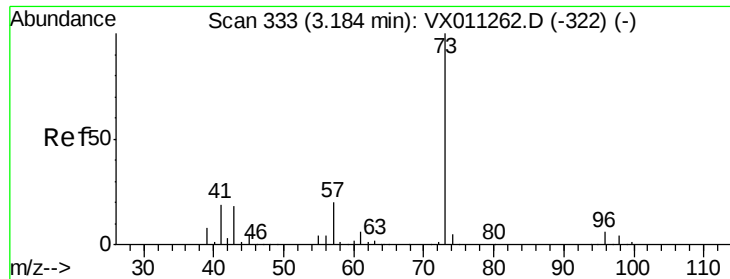
MMDadoda  
8/8/2019 10:56:56 AM



#18  
Methyl Acetate  
Concen: 20.871 ug/l  
RT: 2.76 min Scan# 264  
Delta R.T. 0.00 min  
Lab File: VX011363.D  
Acq: 07 Aug 2019 15:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 26.8  | 21.0  | 31.6  |





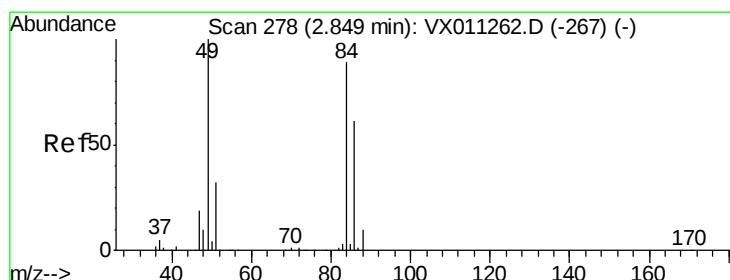
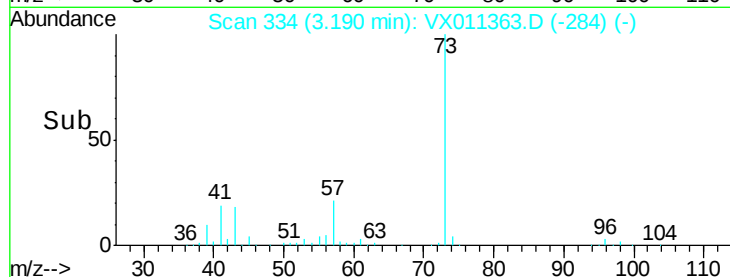
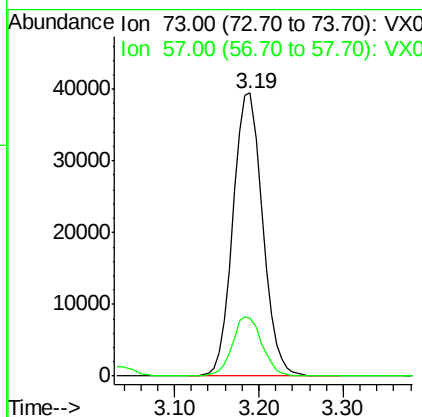
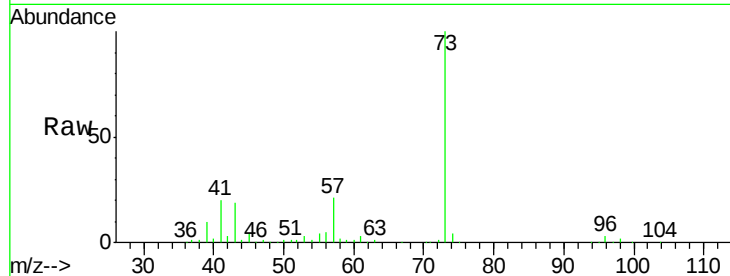
#19  
Methvl tert-butvl Ether  
Concen: 21.437 ug/l  
RT: 3.19 min Scan# 334  
Delta R.T. 0.01 min  
Lab File: VX011363.D  
Acq: 07 Aug 2019 15:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807WBSD01

Tot Ion: 73 Resp: 93838  
Ion Ratio Lower Upper  
73 100  
57 20.6 16.2 24.2

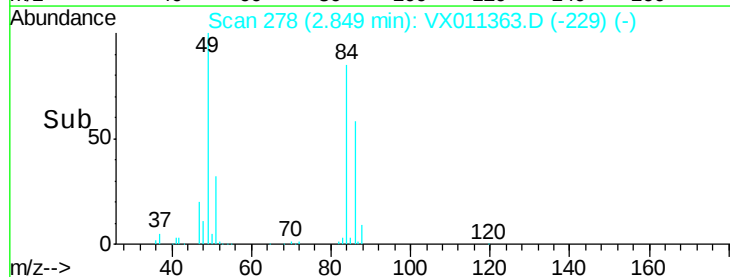
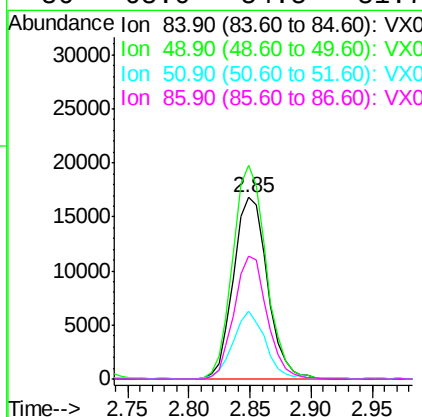
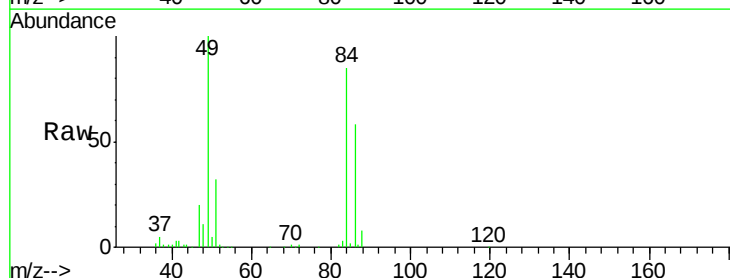
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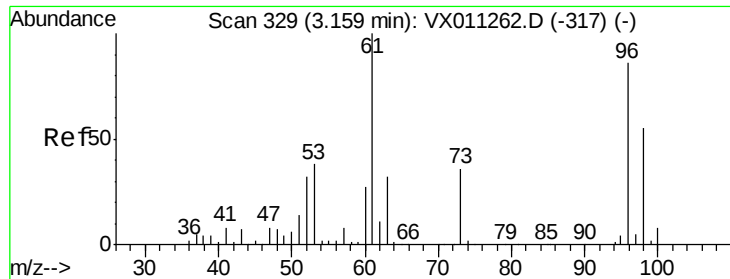
MMDadoda  
8/8/2019 10:56:56 AM



#20  
Methylene Chloride  
Concen: 18.987 ug/l  
RT: 2.85 min Scan# 278  
Delta R.T. 0.00 min  
Lab File: VX011363.D  
Acq: 07 Aug 2019 15:07

Tgt Ion: 84 Resp: 32542  
Ion Ratio Lower Upper  
84 100  
49 117.7 89.3 133.9  
51 37.3 28.3 42.5  
86 68.0 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 19.489 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011363.D

Acq: 07 Aug 2019 15:07

Instrument :

MSVOA\_X

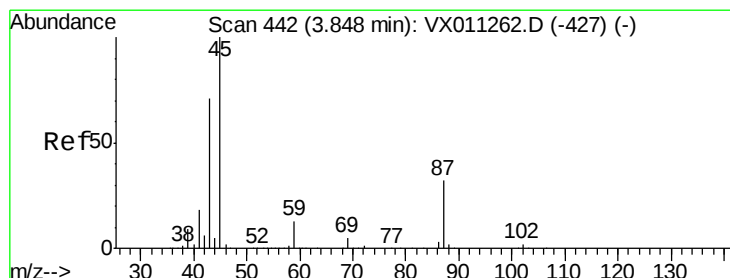
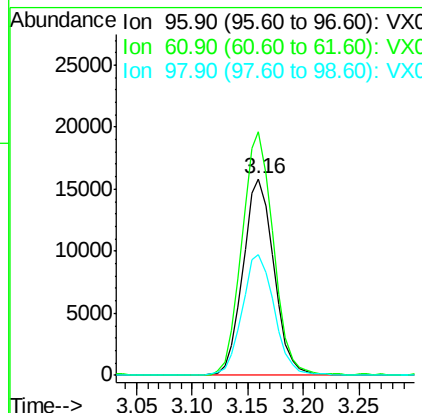
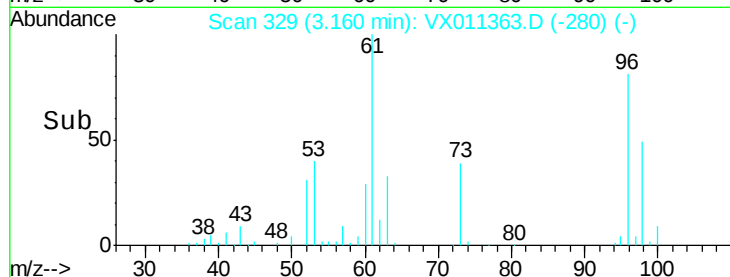
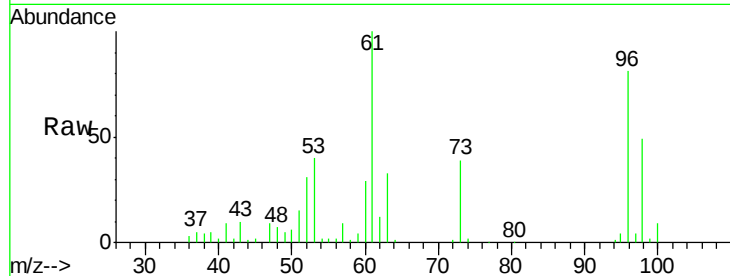
ClientSampled :

VX0807WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 30624 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 123.7 | 92.8  | 139.2 |
| 98       | 61.1  | 51.2  | 76.8  |

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#22

Diisopropyl ether

Concen: 20.619 ug/l

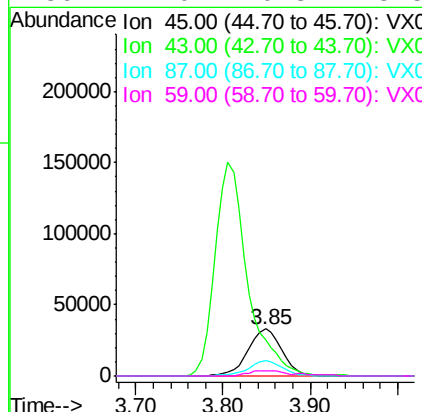
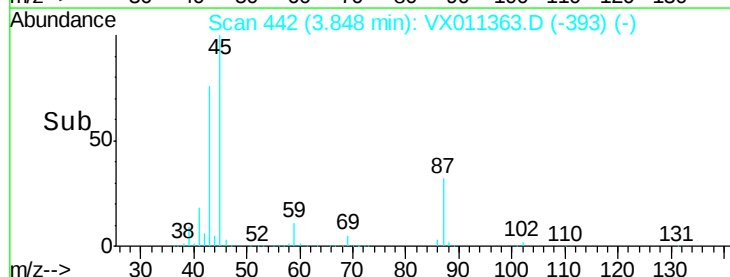
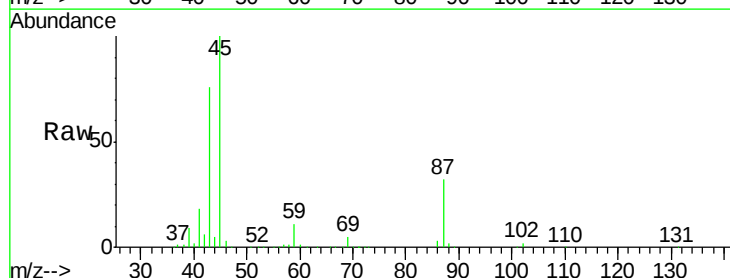
RT: 3.85 min Scan# 442

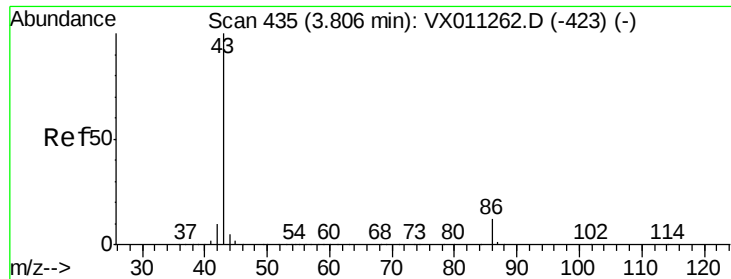
Delta R.T. 0.00 min

Lab File: VX011363.D

Acq: 07 Aug 2019 15:07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 45    | Resp: | 89739 |
| Ion      | Ratio | Lower | Upper |
| 45       | 100   |       |       |
| 43       | 74.1  | 56.8  | 85.2  |
| 87       | 32.5  | 25.8  | 38.6  |
| 59       | 11.0  | 10.3  | 15.5  |





#23

Vinyl Acetate

Concen: 107.691 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011363.D

Acq: 07 Aug 2019 15:07

Instrument :

MSVOA\_X

ClientSampled :

VX0807WBSD01

Tot Ion: 43 Resp: 388745

Ion Ratio Lower Upper

43 100

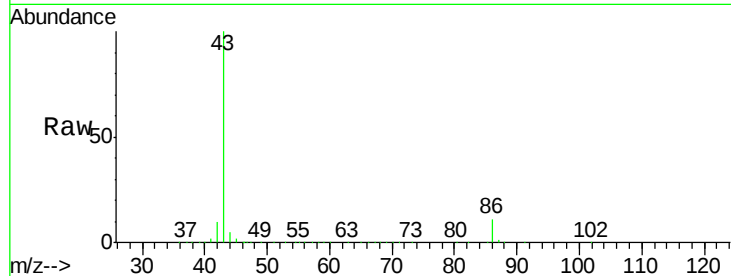
86 11.5 9.6 14.4

Manual Integrations

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MMDadoda

8/8/2019 10:56:56 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

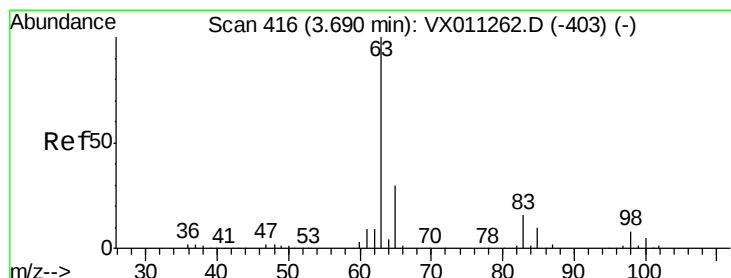
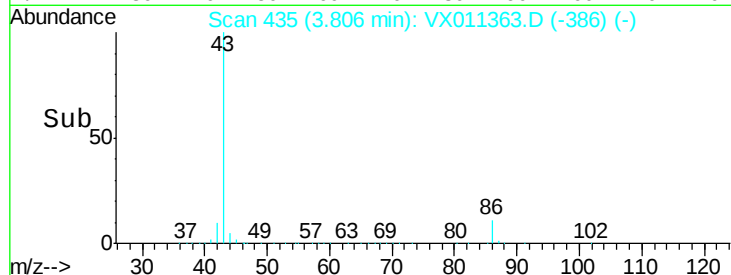
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.593 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011363.D

Acq: 07 Aug 2019 15:07

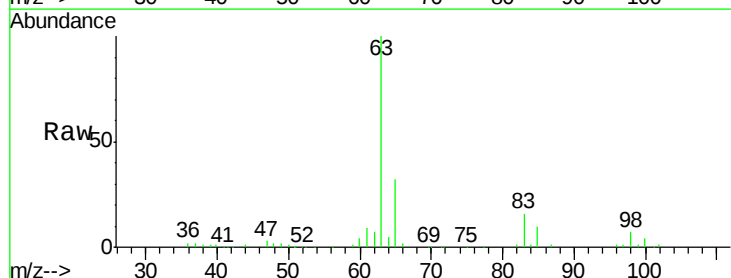
Tgt Ion: 63 Resp: 52850

Ion Ratio Lower Upper

63 100

98 6.6 3.9 11.5

100 4.5 2.7 8.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.69

30000

25000

20000

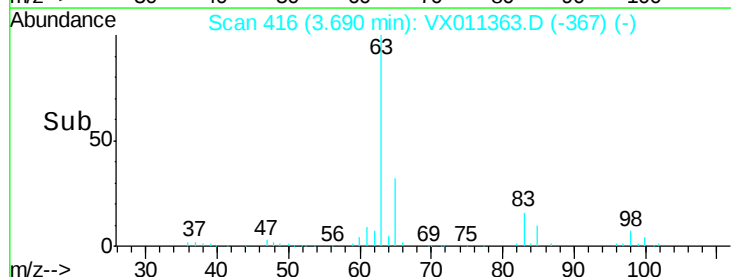
15000

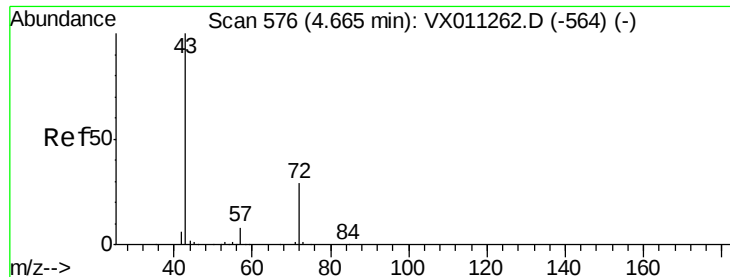
10000

5000

0

Time-->





#25

2-Butanone

Concen: 98.400 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011363.D

Acq: 07 Aug 2019 15:07

Instrument :

MSVOA\_X

ClientSampled :

VX0807WBSD01

Tot Ion: 43 Resp: 109540

Ion Ratio Lower Upper

43 100

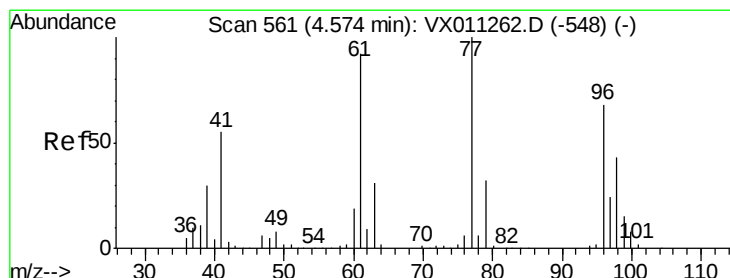
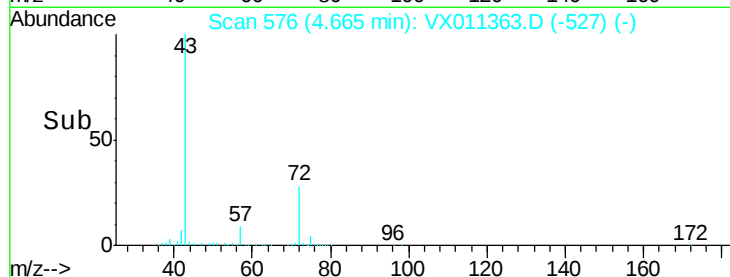
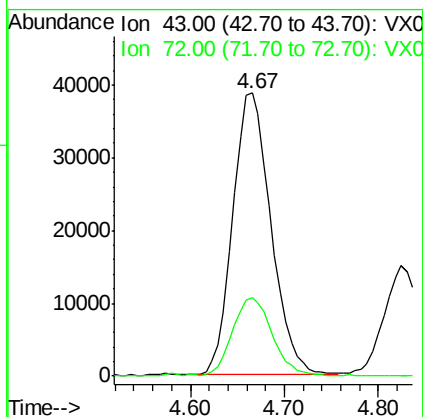
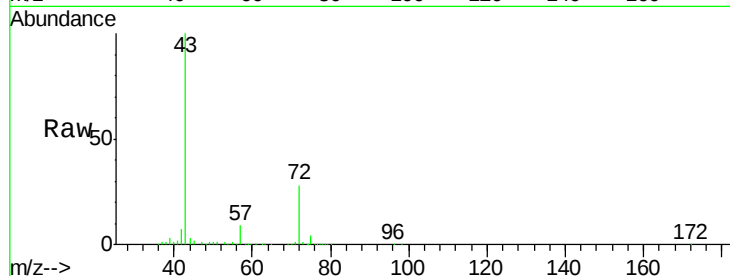
72 27.7 23.2 34.8

Manual Integrations

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8/8/2019 10:56:56 AM



#26

2,2-Dichloropropane

Concen: 19.437 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX011363.D

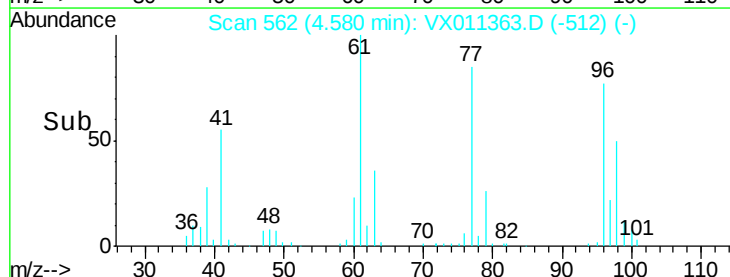
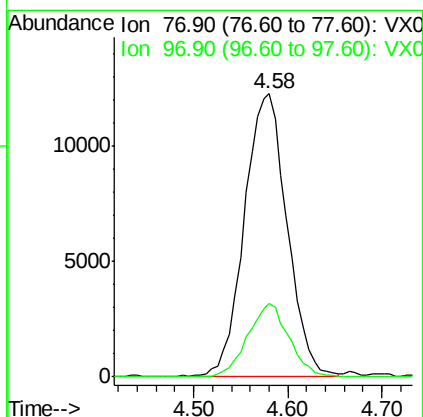
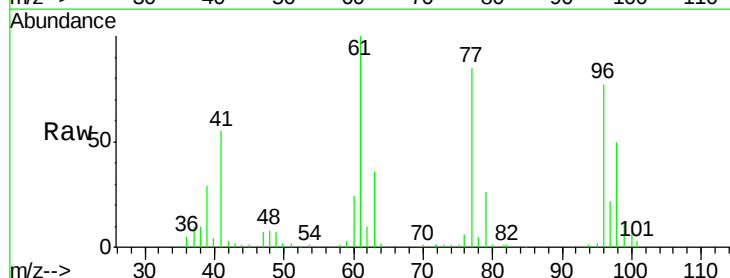
Acq: 07 Aug 2019 15:07

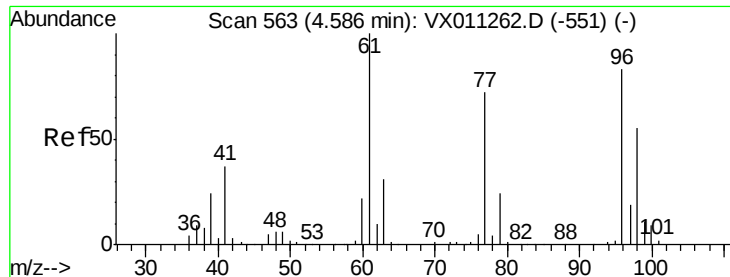
Tgt Ion: 77 Resp: 38777

Ion Ratio Lower Upper

77 100

97 24.8 12.8 38.4





#27

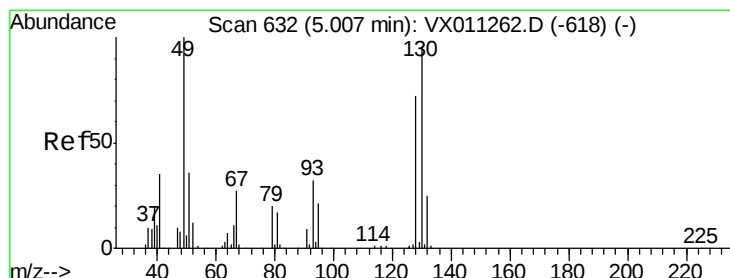
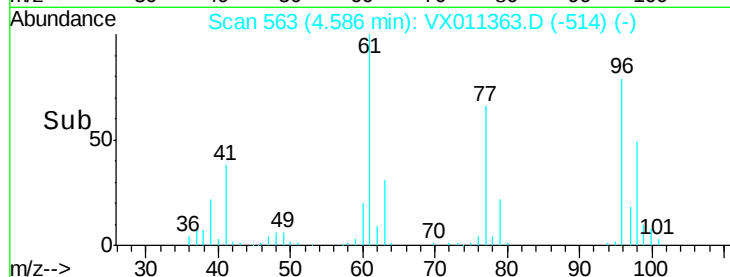
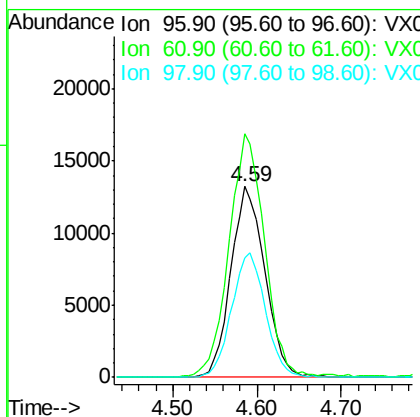
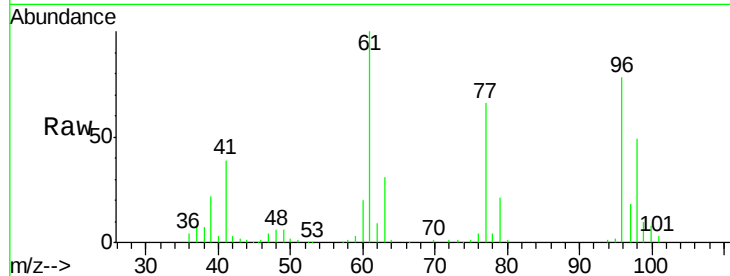
cis-1,2-Dichloroethene  
Concen: 20.010 ug/l  
RT: 4.59 min Scan# 563  
Delta R.T. 0.00 min  
Lab File: VX011363.D  
Acq: 07 Aug 2019 15:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807WBSD01

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 96      | 100   | 36215 |       |       |
| 61      | 133.3 | 0.0   | 260.2 |       |
| 98      | 64.2  | 0.0   | 133.2 |       |

Manual Integrations  
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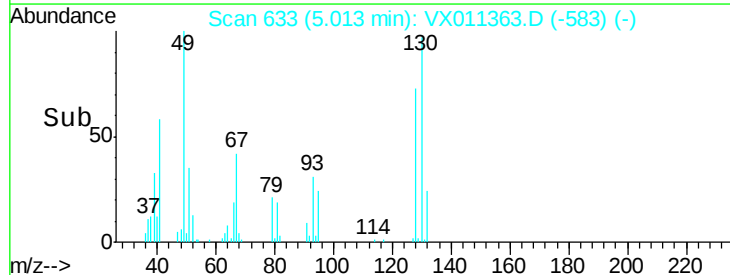
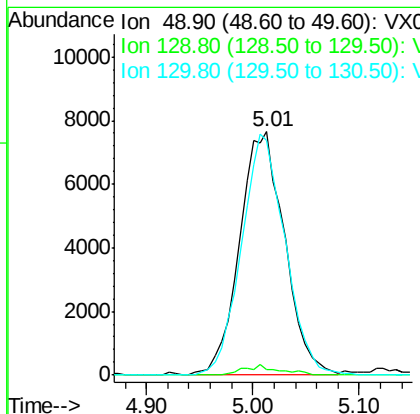
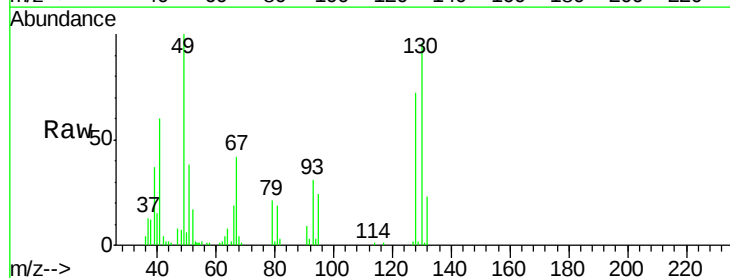
MMDadoda  
8/8/2019 10:56:56 AM

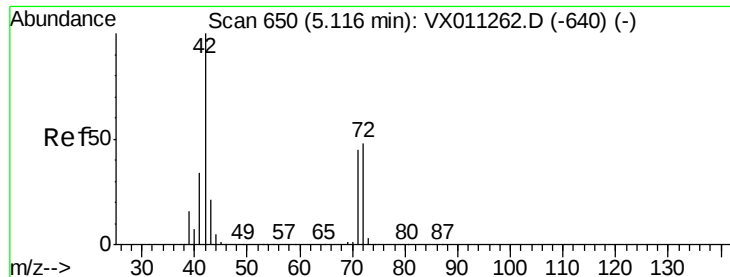


#28

Bromochloromethane  
Concen: 19.431 ug/l  
RT: 5.01 min Scan# 633  
Delta R.T. 0.01 min  
Lab File: VX011363.D  
Acq: 07 Aug 2019 15:07

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 49      | 100   | 22734 |       |       |
| 129     | 3.2   | 0.0   | 5.8   |       |
| 130     | 95.6  | 77.9  | 116.9 |       |





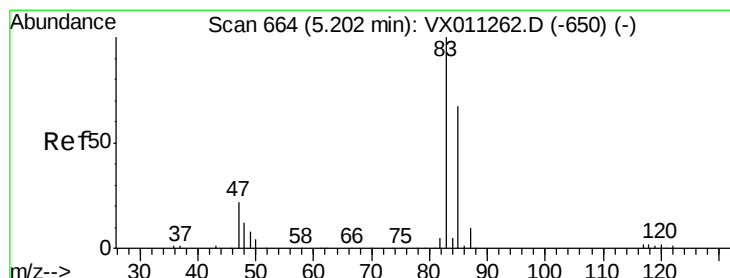
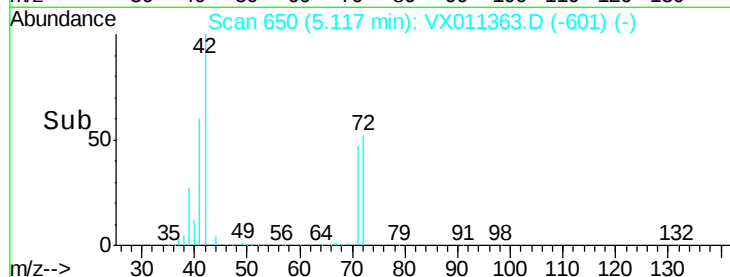
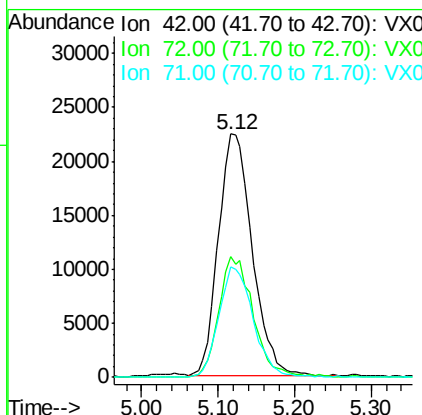
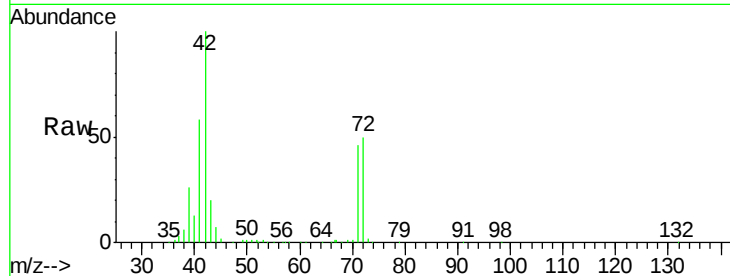
#29  
Tetrahydrofuran  
Concen: 101.042 ug/l  
RT: 5.12 min Scan# 650  
Delta R.T. 0.00 min  
Lab File: VX011363.D  
Acq: 07 Aug 2019 15:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 42    | Resp: | 68968 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 50.4  | 39.9  | 59.9  |
| 71       | 46.1  | 36.9  | 55.3  |

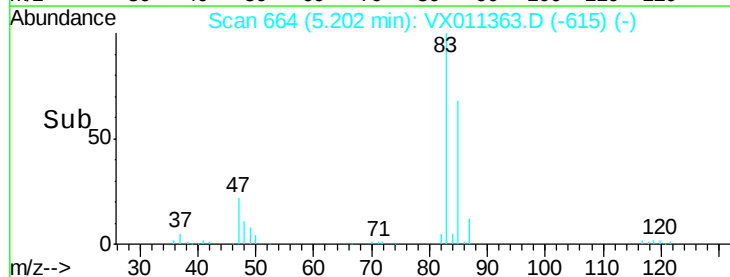
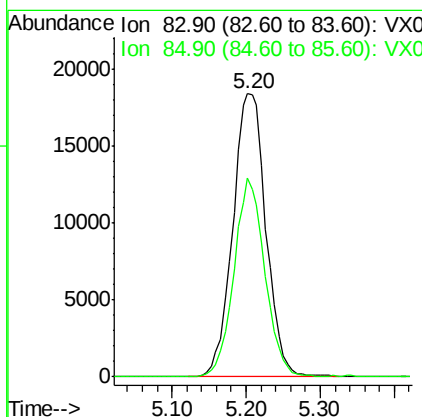
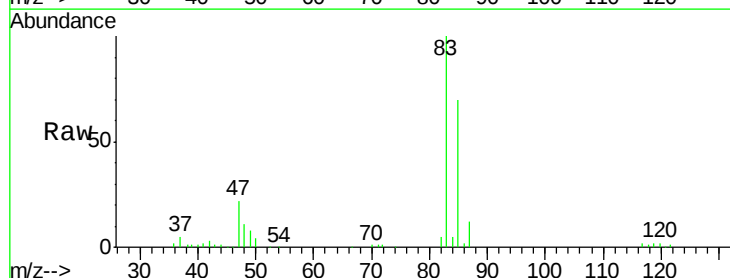
Manual Integrations  
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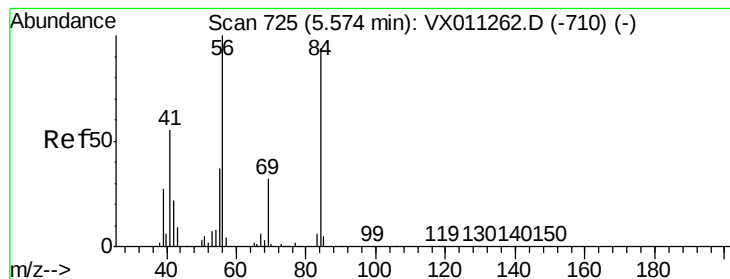
MMDadoda  
8/8/2019 10:56:56 AM



#30  
Chloroform  
Concen: 20.602 ug/l  
RT: 5.20 min Scan# 664  
Delta R.T. 0.00 min  
Lab File: VX011363.D  
Acq: 07 Aug 2019 15:07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 57465 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 70.2  | 53.4  | 80.0  |





#31

Cyclohexane

Concen: 19.903 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX011363.D

Acq: 07 Aug 2019 15:07

Instrument :

MSVOA\_X

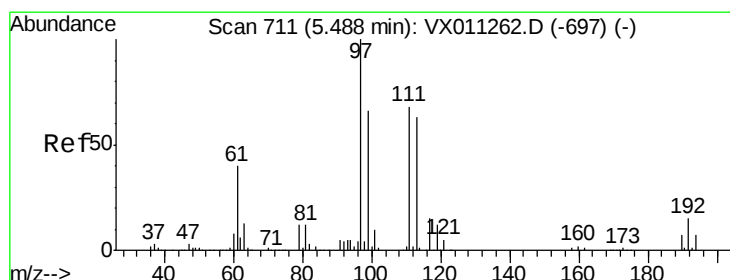
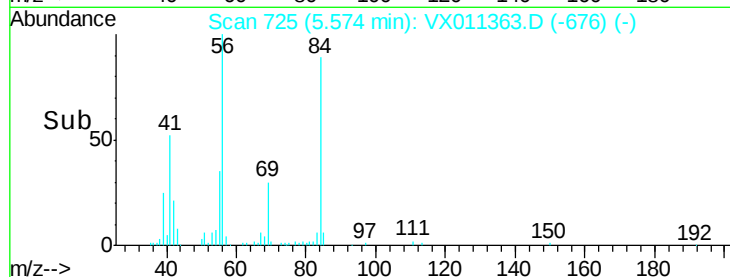
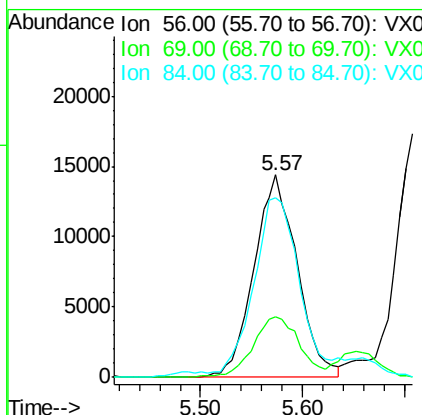
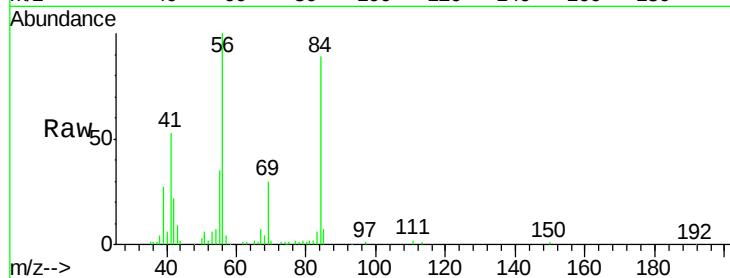
ClientSampleId :

VX0807WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 56    | Resp: | 42141 |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 30.1  | 25.5  | 38.3  |
| 84       | 86.0  | 75.0  | 112.4 |

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MMDadoda  
8/8/2019 10:56:56 AM



#32

1,1,1-Trichloroethane

Concen: 20.637 ug/l

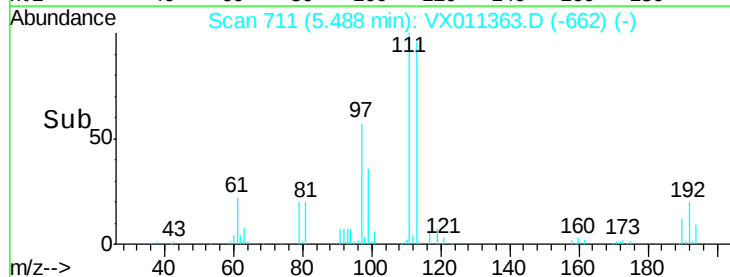
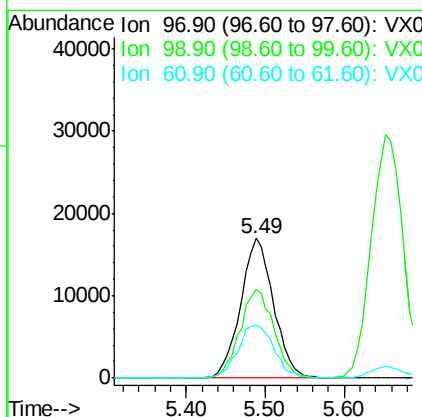
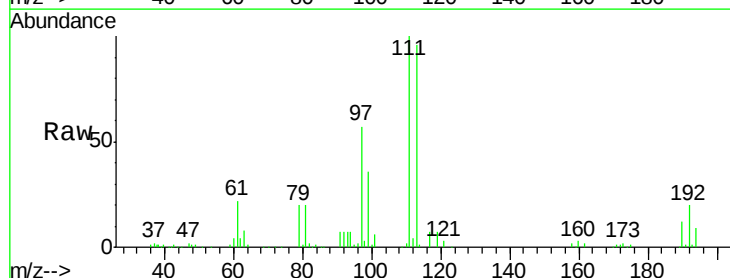
RT: 5.49 min Scan# 711

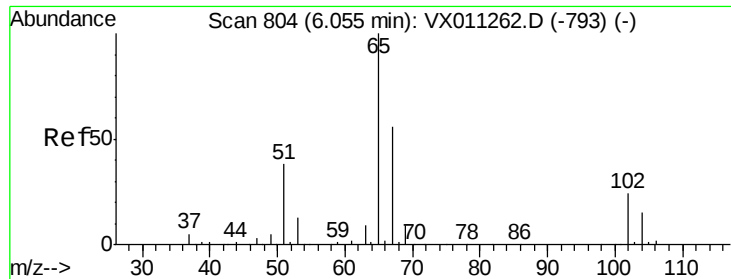
Delta R.T. 0.00 min

Lab File: VX011363.D

Acq: 07 Aug 2019 15:07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 49310 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 65.3  | 51.6  | 77.4  |
| 61       | 41.8  | 32.3  | 48.5  |





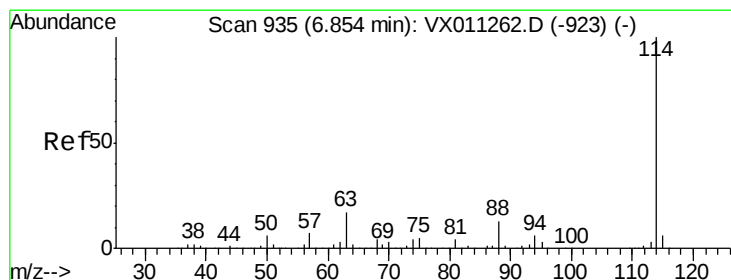
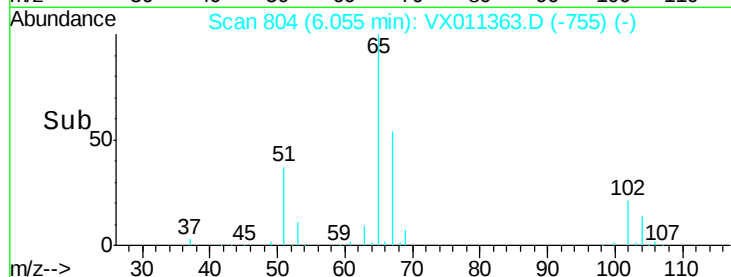
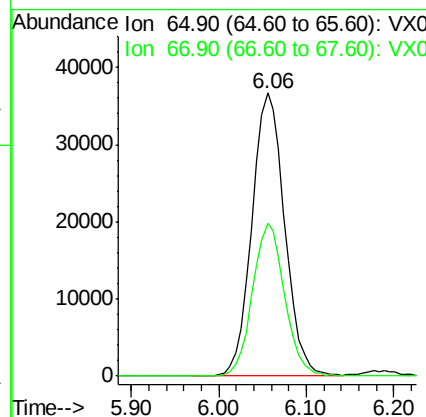
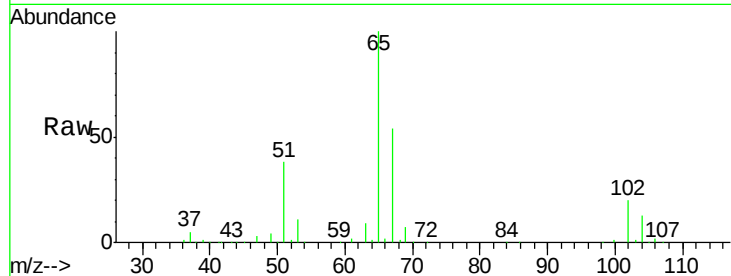
#33  
 1,2-Dichloroethane-d4  
 Concen: 58.005 ug/l  
 RT: 6.06 min Scan# 804  
 Delta R.T. 0.00 min  
 Lab File: VX011363.D  
 Acq: 07 Aug 2019 15:07

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0807WBSD01

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 65      | 100   | 95368 |       |       |
| 67      | 52.9  | 0.0   | 110.6 |       |

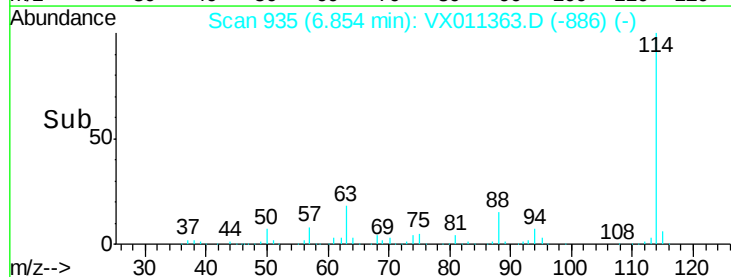
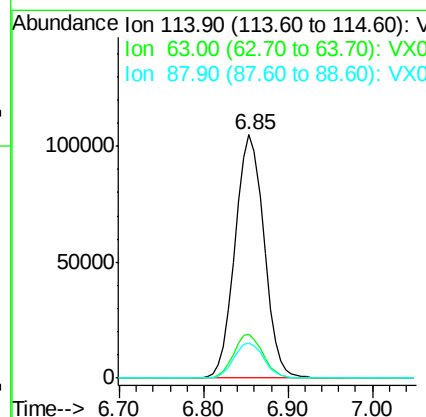
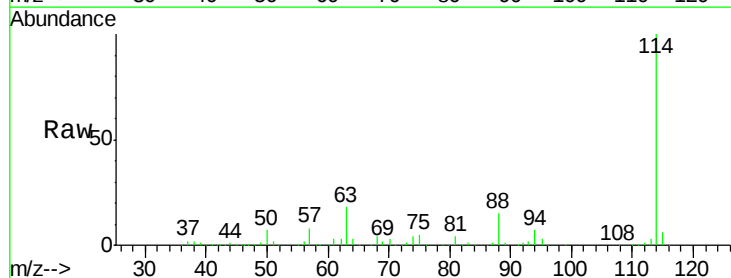
Manual Integrations  
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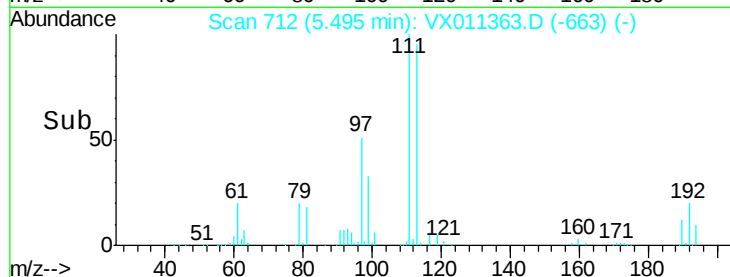
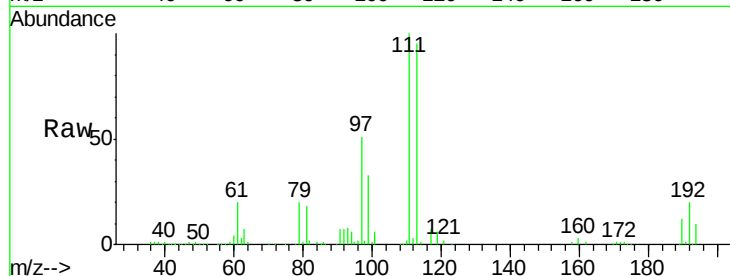
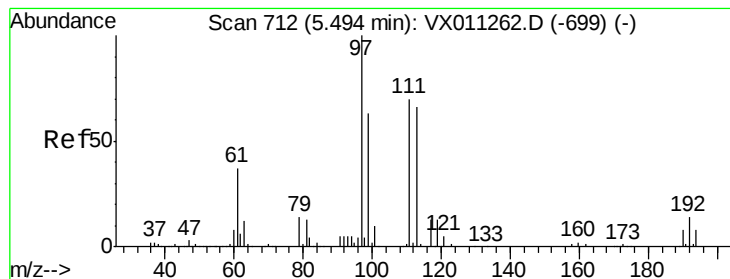
MMDadoda  
 8/8/2019 10:56:56 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.85 min Scan# 935  
 Delta R.T. 0.00 min  
 Lab File: VX011363.D  
 Acq: 07 Aug 2019 15:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 244940 |       |       |
| 63      | 18.1  | 0.0    | 34.0  |       |
| 88      | 14.6  | 0.0    | 26.4  |       |





#35

Dibromofluoromethane

Concen: 52.855 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011363.D

Acq: 07 Aug 2019 15:07

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 113   | Resp: | 84524 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 103.0 | 81.9  | 122.9 |
| 192      | 21.6  | 17.8  | 26.8  |

Instrument :

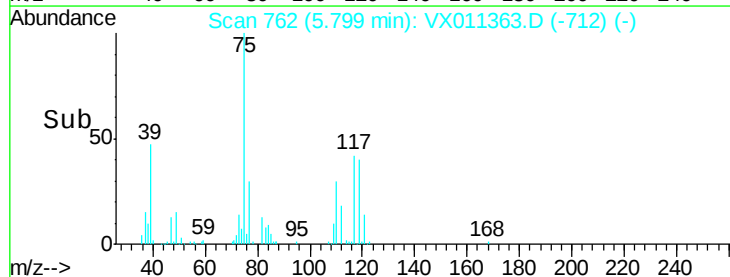
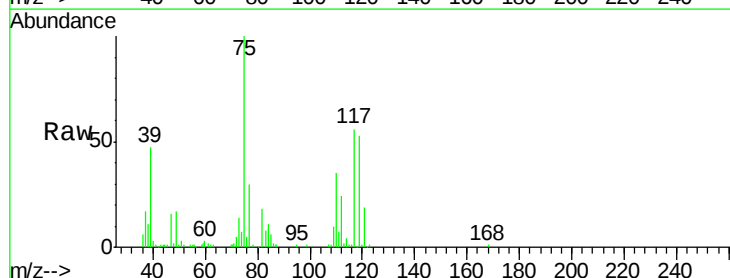
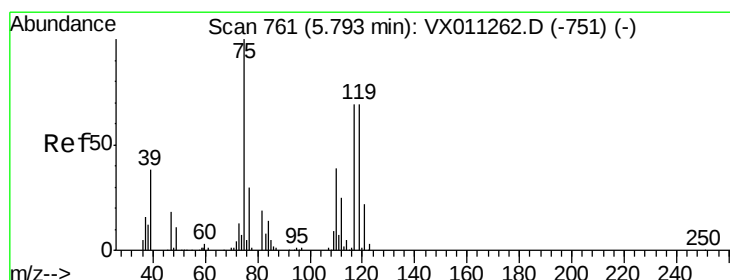
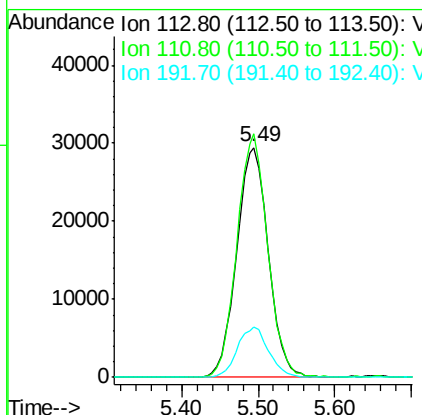
MSVOA\_X

ClientSampleId :

VX0807WBSD01

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#36

1,1-Dichloropropene

Concen: 18.898 ug/l

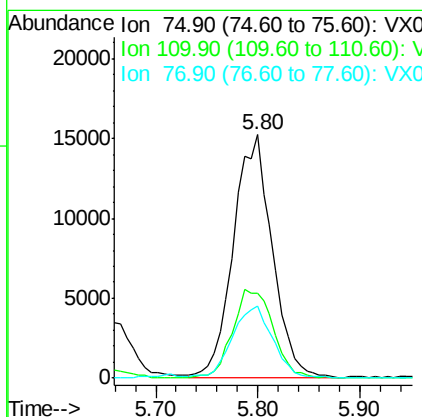
RT: 5.80 min Scan# 762

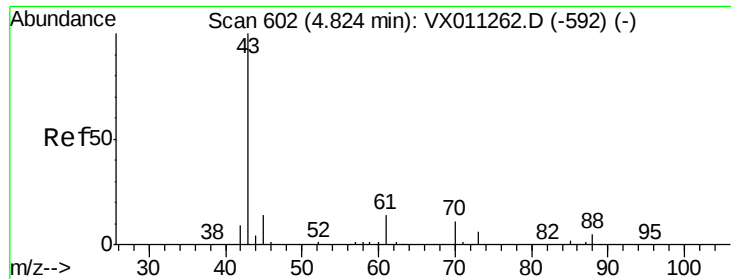
Delta R.T. 0.01 min

Lab File: VX011363.D

Acq: 07 Aug 2019 15:07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 40414 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 37.9  | 20.0  | 59.9  |
| 77       | 30.8  | 24.8  | 37.2  |





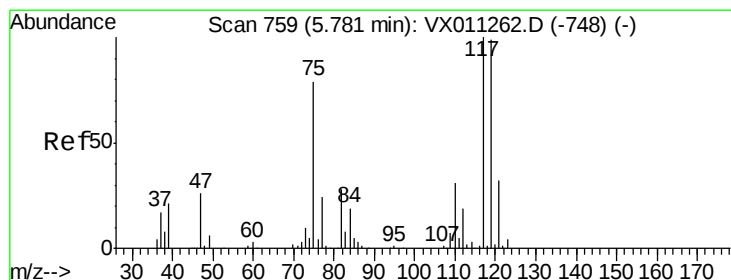
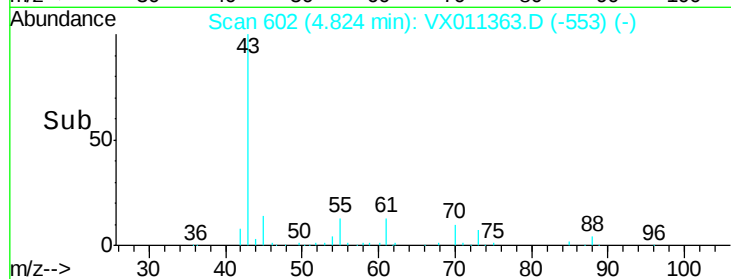
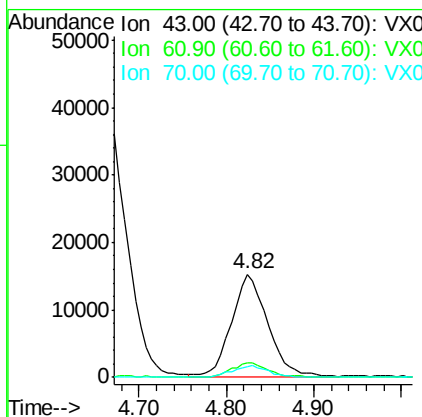
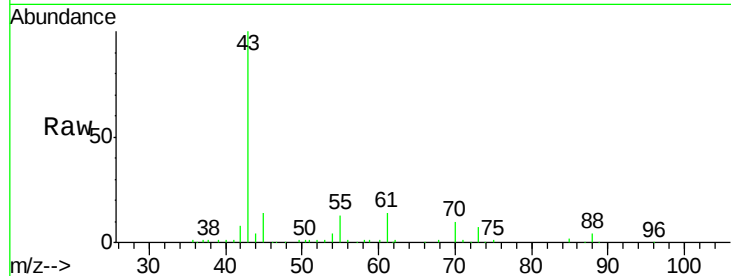
#37  
Ethyl Acetate  
Concen: 20.244 ug/l  
RT: 4.82 min Scan# 602  
Delta R.T. 0.00 min  
Lab File: VX011363.D  
Acq: 07 Aug 2019 15:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 15.0  | 12.6  | 18.8  |
| 70      | 11.5  | 9.1   | 13.7  |

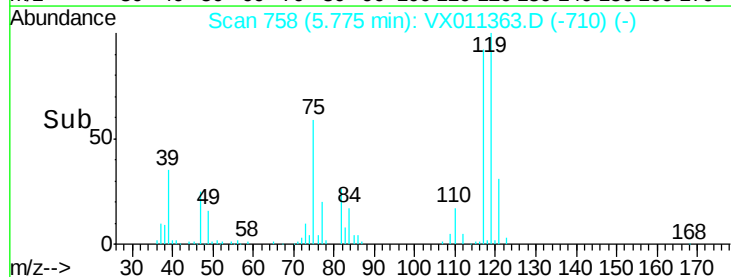
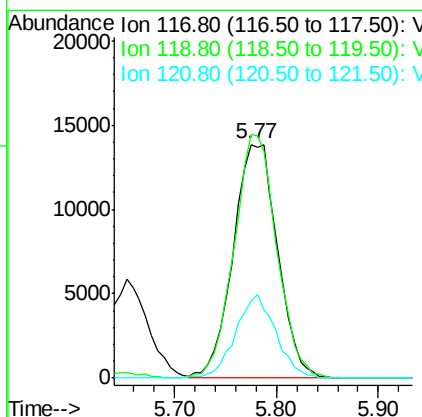
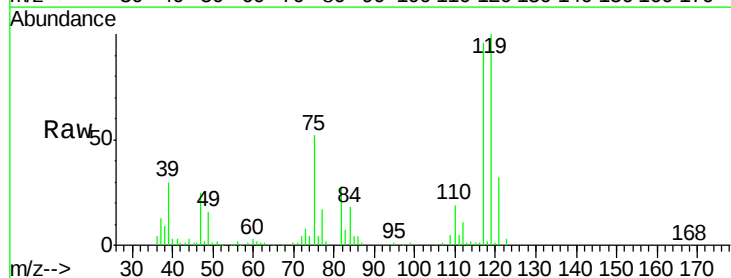
Manual Integrations  
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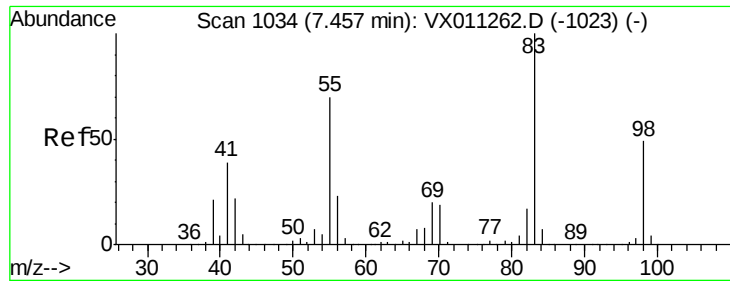
MMDadoda  
8/8/2019 10:56:56 AM



#38  
Carbon Tetrachloride  
Concen: 19.554 ug/l  
RT: 5.77 min Scan# 758  
Delta R.T. -0.01 min  
Lab File: VX011363.D  
Acq: 07 Aug 2019 15:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 104.3 | 79.0  | 118.4 |
| 121     | 33.0  | 25.9  | 38.9  |





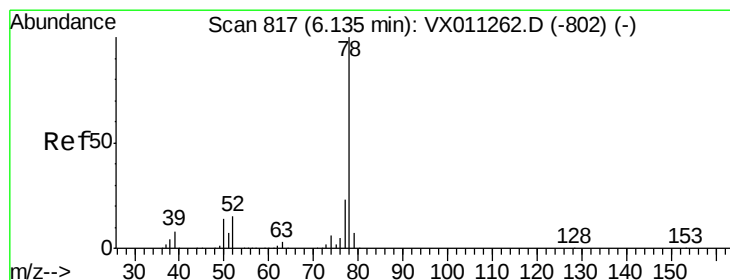
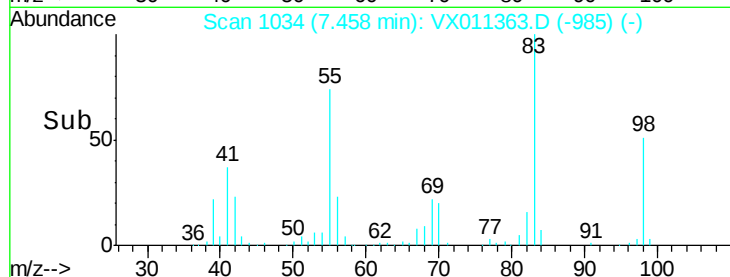
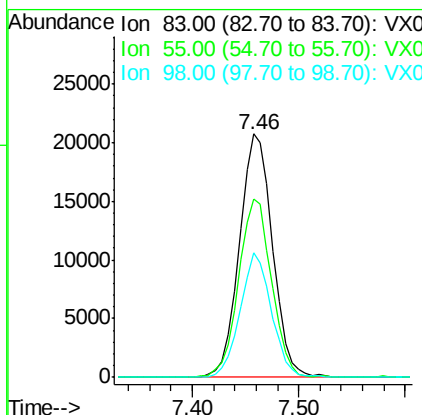
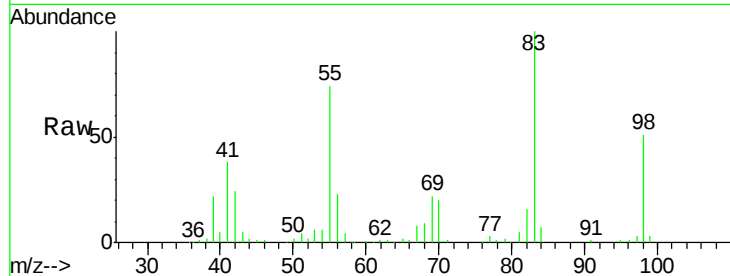
#39  
Methvlcvclohexane  
Concen: 17.870 ug/l  
RT: 7.46 min Scan# 1034  
Delta R.T. 0.00 min  
Lab File: VX011363.D  
Acq: 07 Aug 2019 15:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807WBSD01

| Tot Ion   | 83   | Resp  | 45300 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 83        | 100  |       |       |
| 55        | 73.2 | 56.1  | 84.1  |
| 98        | 51.0 | 39.0  | 58.4  |

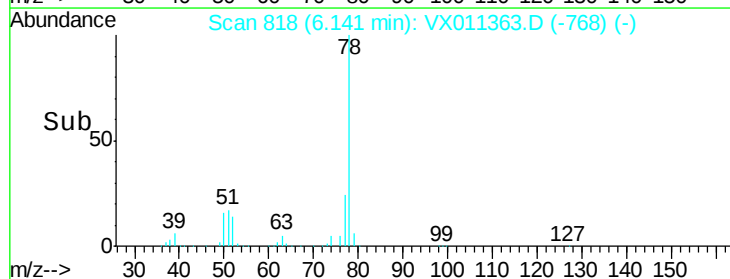
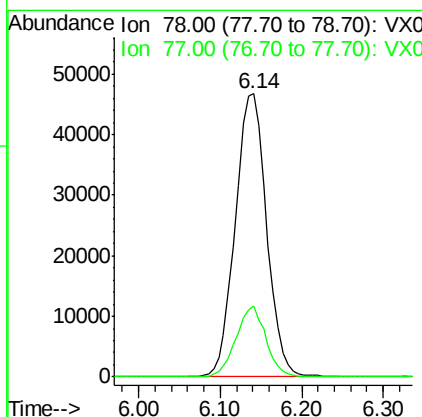
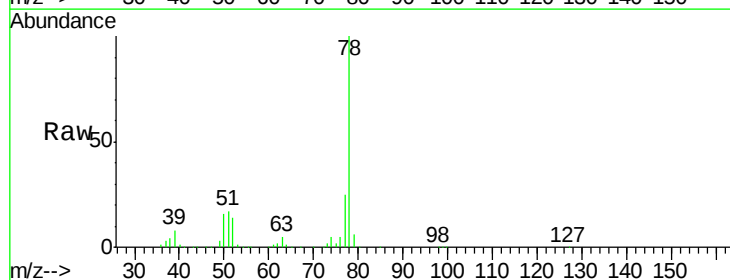
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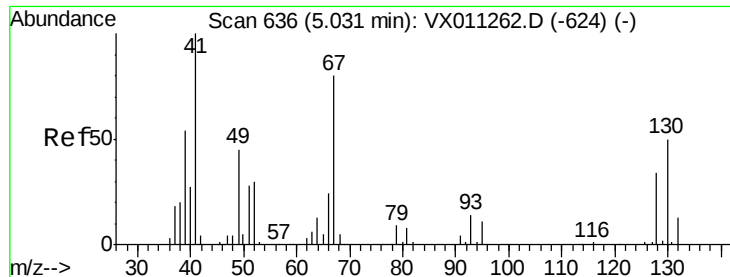
MMDadoda  
8/8/2019 10:56:56 AM



#40  
Benzene  
Concen: 19.478 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. 0.01 min  
Lab File: VX011363.D  
Acq: 07 Aug 2019 15:07

| Tgt Ion   | 78   | Resp  | 124304 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 78        | 100  |       |        |
| 77        | 24.7 | 18.2  | 27.2   |





#41

Methacrylonitrile

Concen: 20.013 ug/l

RT: 5.03 min Scan# 636

Delta R.T. 0.00 min

Lab File: VX011363.D

Acq: 07 Aug 2019 15:07

Instrument :

MSVOA\_X

ClientSampleId :

VX0807WBSD01

Tot Ion: 41 Resp: 23445

Ion Ratio Lower Upper

41 100

39 56.4 43.0 64.6

67 78.7 65.1 97.7

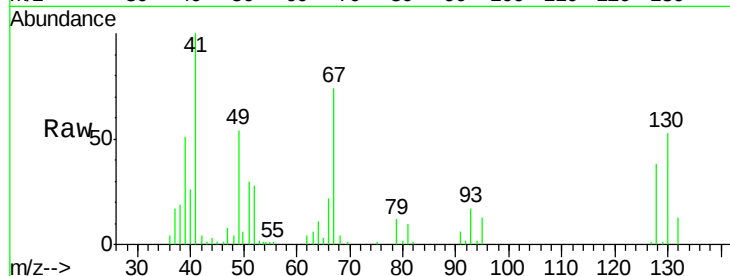
52 33.1 24.8 37.2

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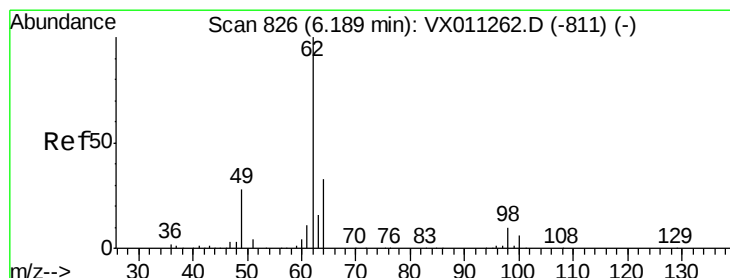
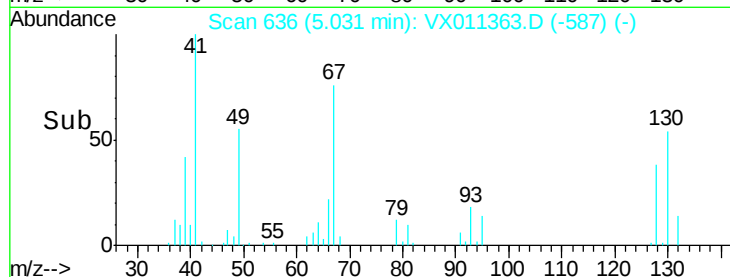
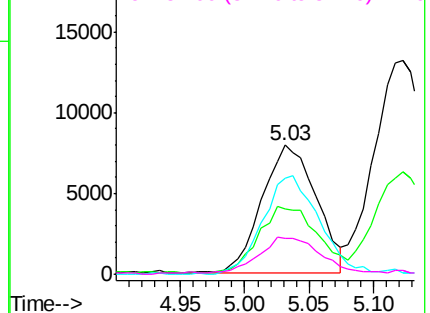
Abundance

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: 21.232 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX011363.D

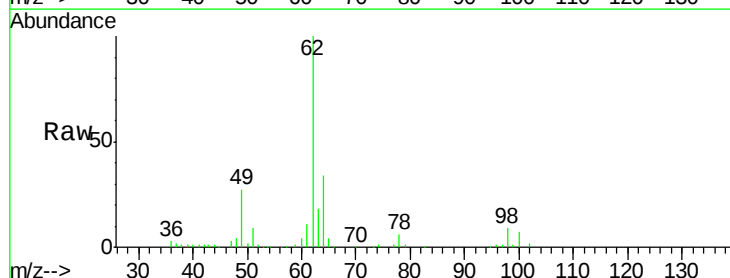
Acq: 07 Aug 2019 15:07

Tgt Ion: 62 Resp: 45818

Ion Ratio Lower Upper

62 100

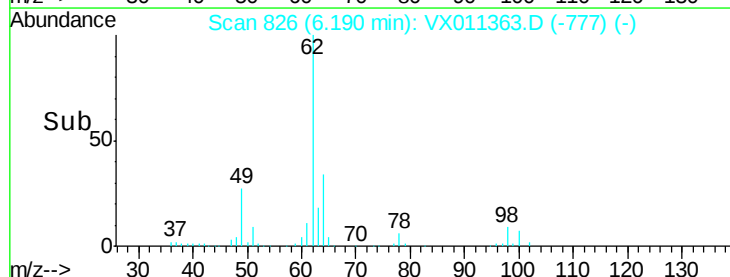
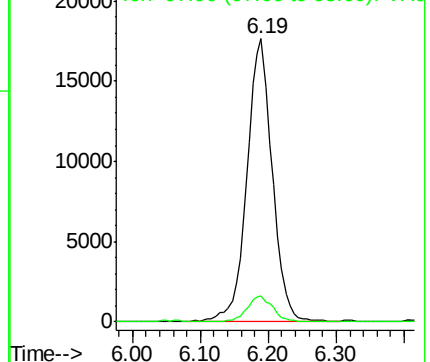
98 9.1 0.0 20.6

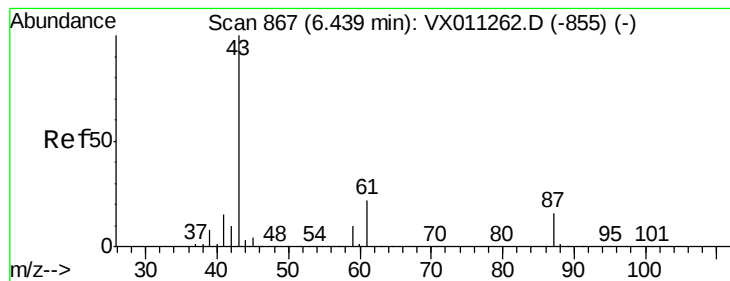


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

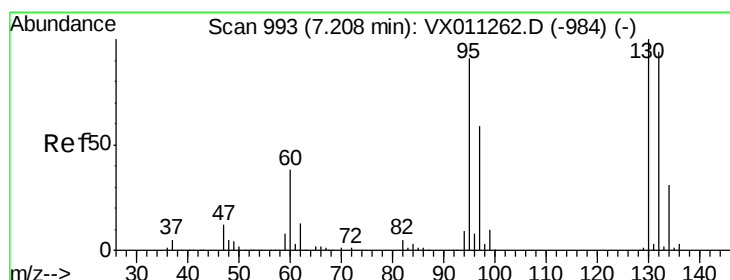
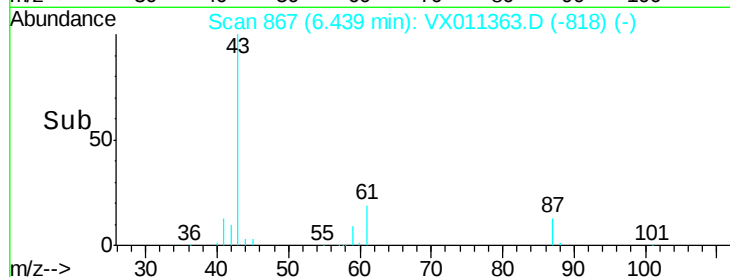
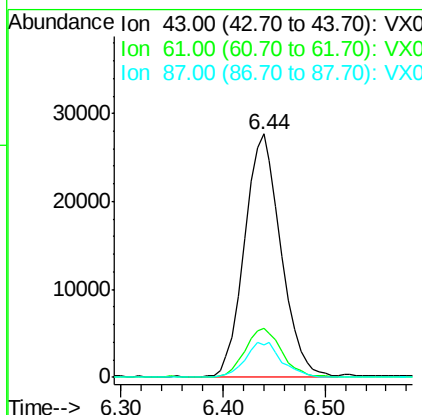
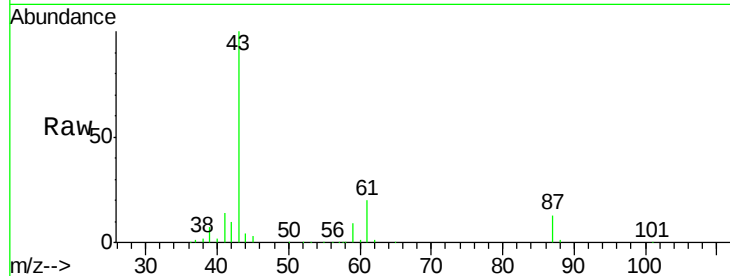
Isopropyl Acetate  
 Concen: 20.116 ug/l  
 RT: 6.44 min Scan# 867  
 Delta R.T. 0.00 min  
 Lab File: VX011363.D  
 Acq: 07 Aug 2019 15:07

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0807WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 20.5  | 16.5  | 24.7  |
| 87      | 14.4  | 12.1  | 18.1  |

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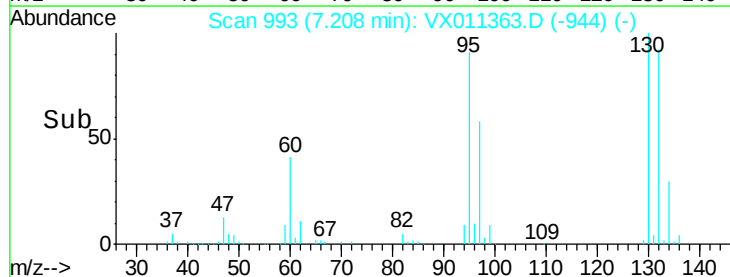
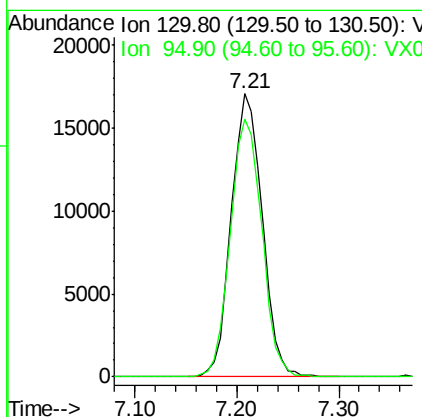
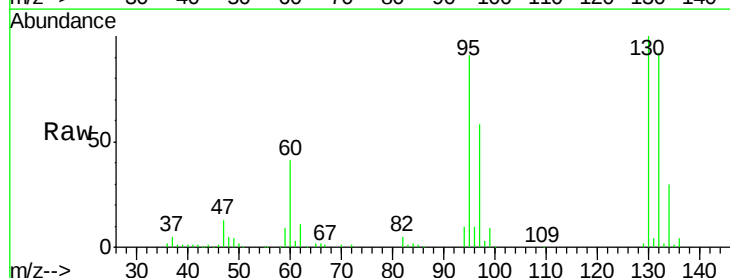
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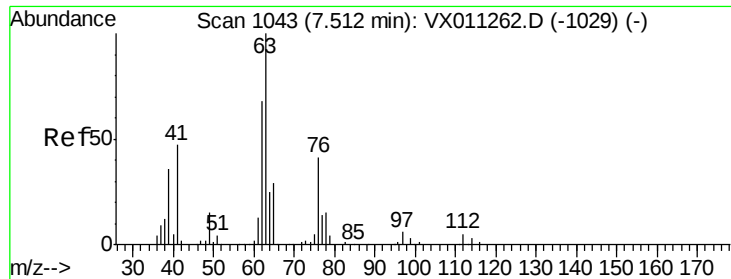


#44

Trichloroethene  
 Concen: 18.596 ug/l  
 RT: 7.21 min Scan# 993  
 Delta R.T. 0.00 min  
 Lab File: VX011363.D  
 Acq: 07 Aug 2019 15:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 90.9  | 0.0   | 182.6 |





#45

1,2-Dichloropropane

Concen: 18.822 ug/l

RT: 7.51 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX011363.D

Acq: 07 Aug 2019 15:07

Instrument :

MSVOA\_X

ClientSampled :

VX0807WBSD01

Tot Ion: 63 Resp: 31107

Ion Ratio Lower Upper

63 100

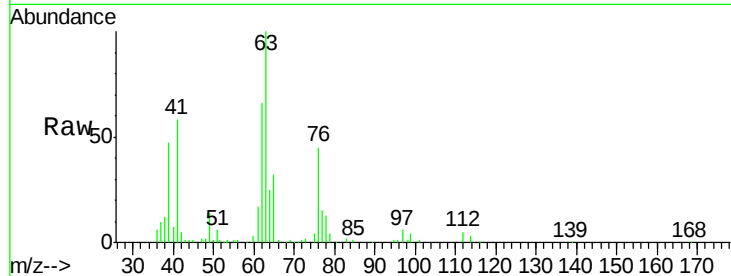
65 31.7 23.3 34.9

Manual Integrations

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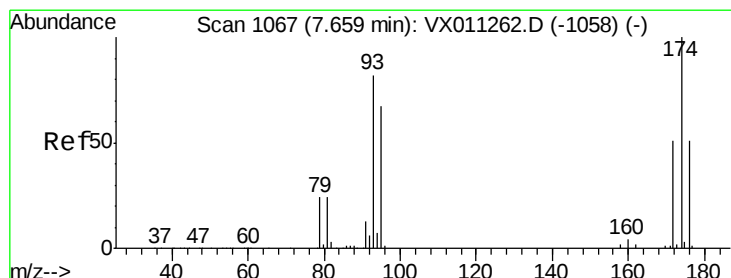
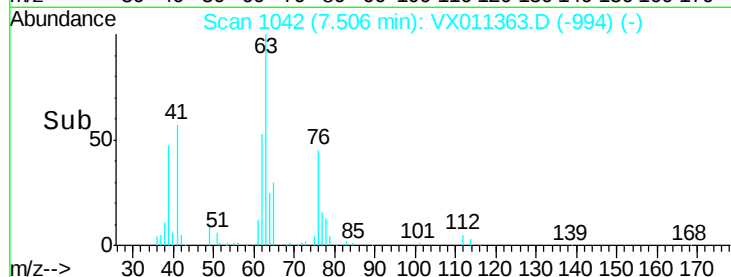
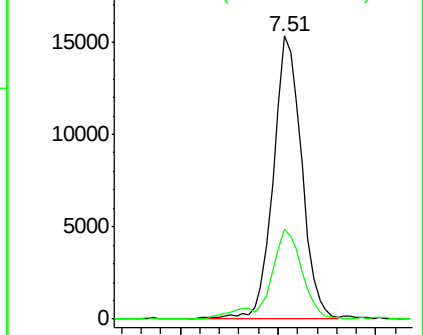
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.882 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX011363.D

Acq: 07 Aug 2019 15:07

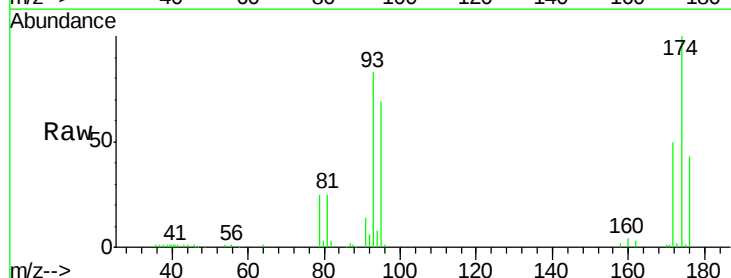
Tgt Ion: 93 Resp: 22781

Ion Ratio Lower Upper

93 100

95 83.4 66.4 99.6

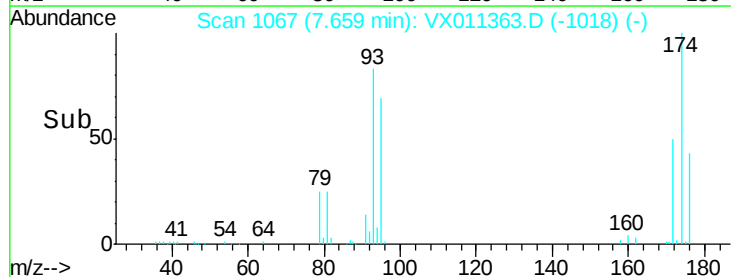
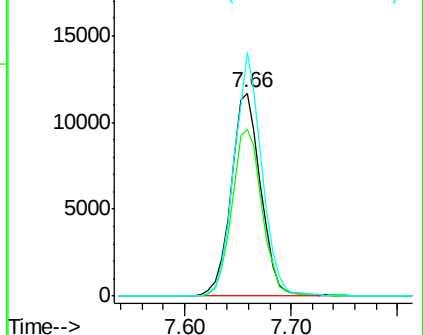
174 112.2 93.4 140.2

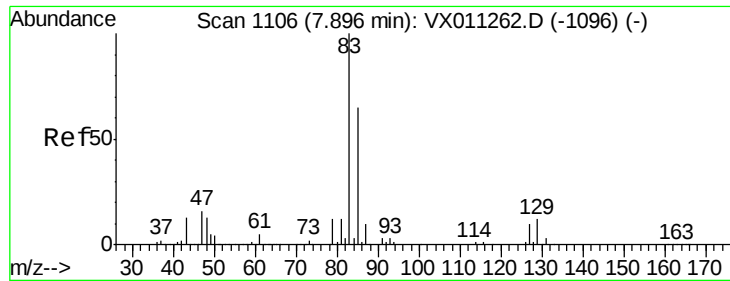


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.979 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX011363.D

Acq: 07 Aug 2019 15:07

Instrument :

MSVOA\_X

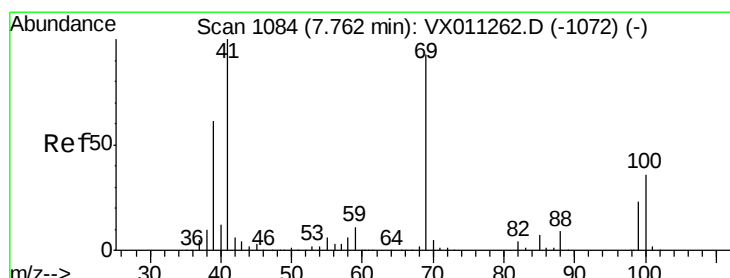
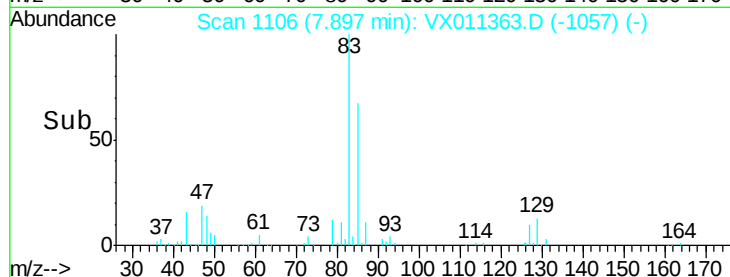
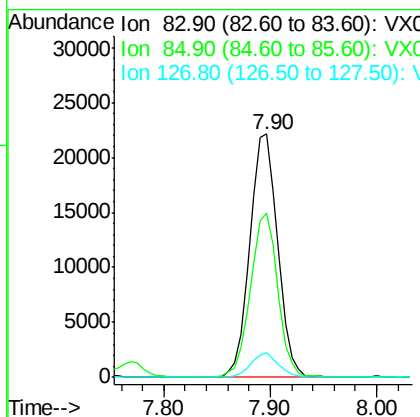
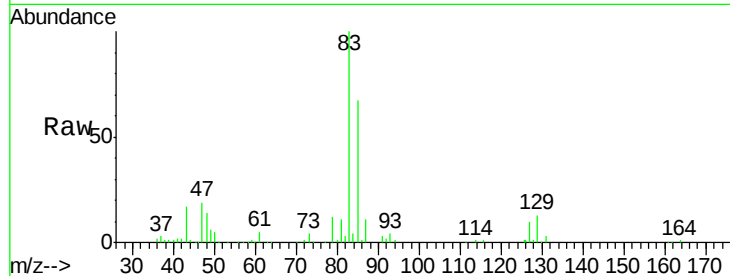
ClientSampleId :

VX0807WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 40811 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 67.3  | 52.2  | 78.2  |
| 127      | 10.2  | 7.8   | 11.8  |

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#48

Methyl methacrylate

Concen: 20.919 ug/l

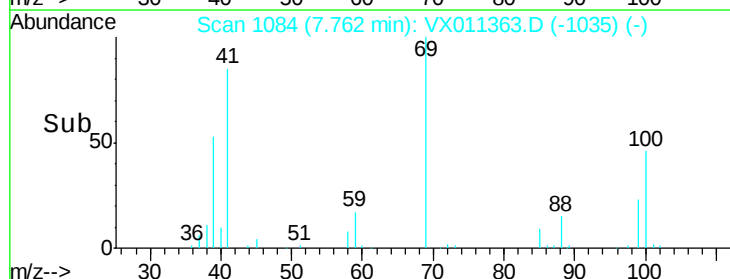
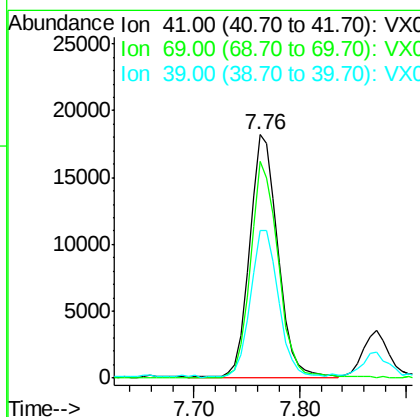
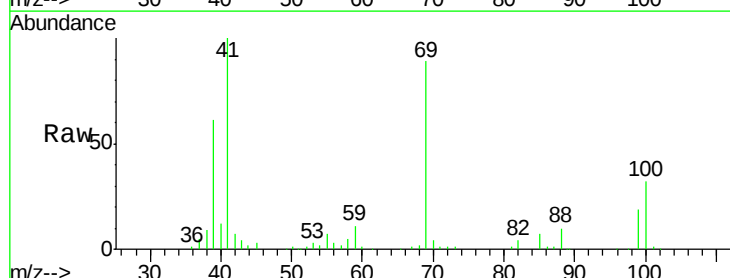
RT: 7.76 min Scan# 1084

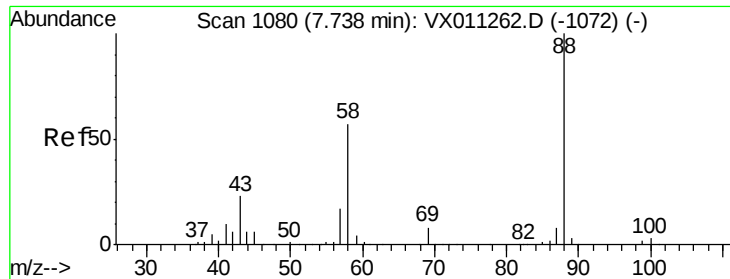
Delta R.T. 0.00 min

Lab File: VX011363.D

Acq: 07 Aug 2019 15:07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 33764 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 87.8  | 74.5  | 111.7 |
| 39       | 60.1  | 48.6  | 72.8  |





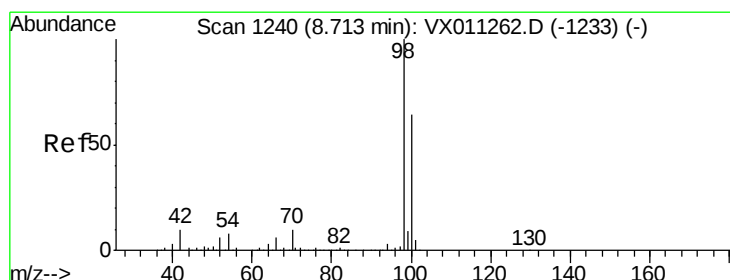
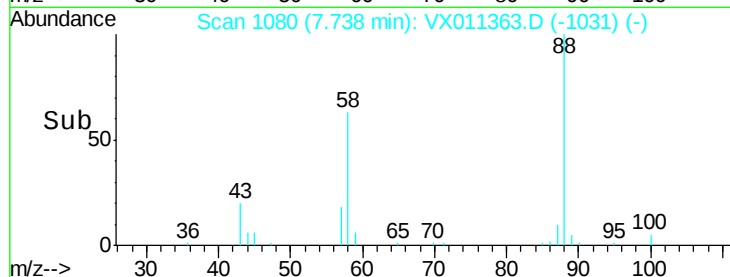
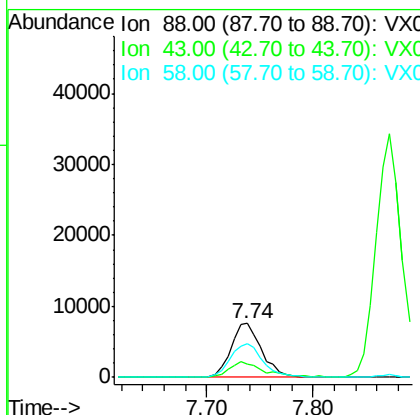
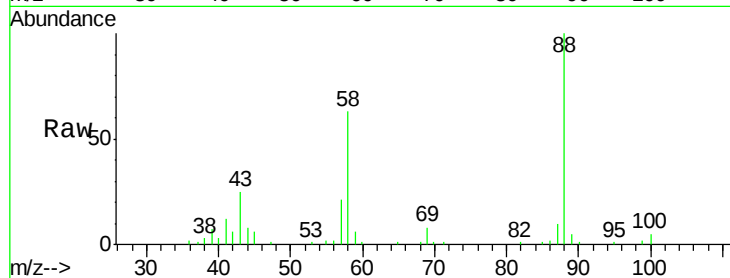
#49  
1,4-Dioxane  
Concen: 328.907 ug/l  
RT: 7.74 min Scan# 1080  
Delta R.T. 0.00 min  
Lab File: VX011363.D  
Acq: 07 Aug 2019 15:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 34.6  | 22.2  | 33.2# |
| 58      | 67.3  | 47.8  | 71.8  |

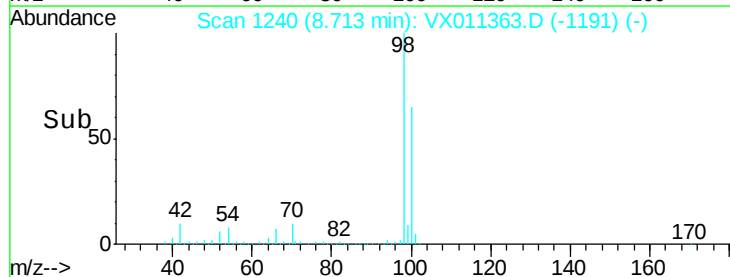
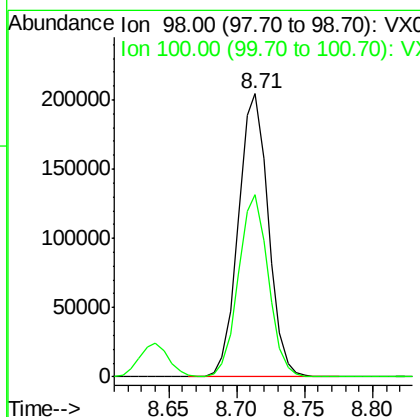
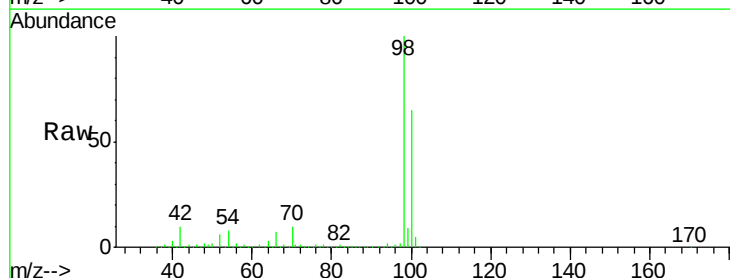
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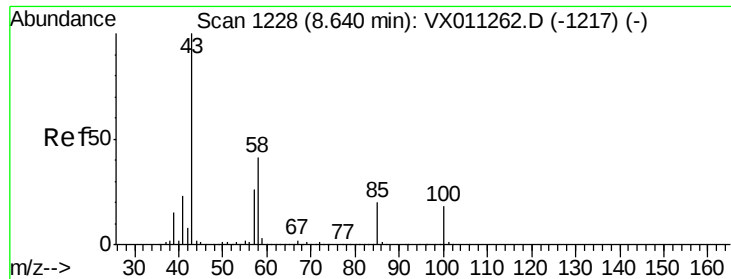
MMDadoda  
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#50  
Toluene-d8  
Concen: 52.018 ug/l  
RT: 8.71 min Scan# 1240  
Delta R.T. 0.00 min  
Lab File: VX011363.D  
Acq: 07 Aug 2019 15:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 64.1  | 51.7  | 77.5  |





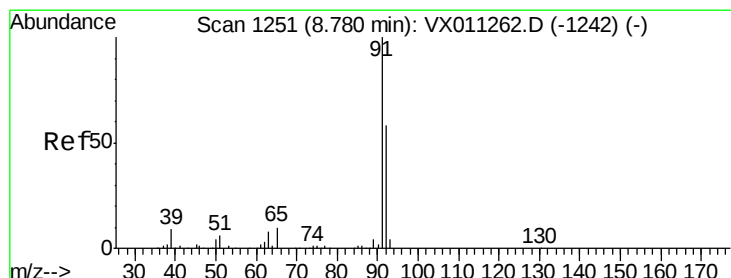
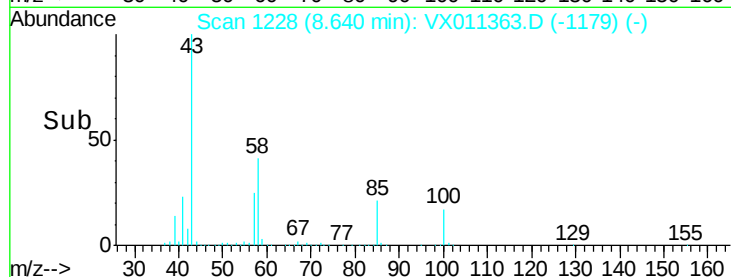
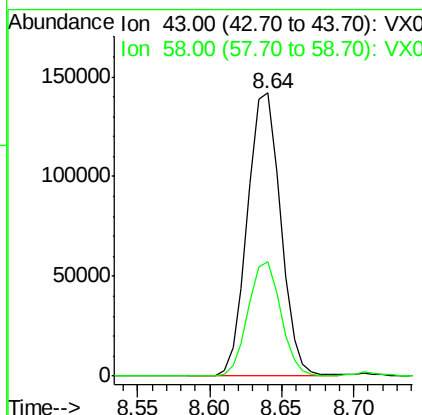
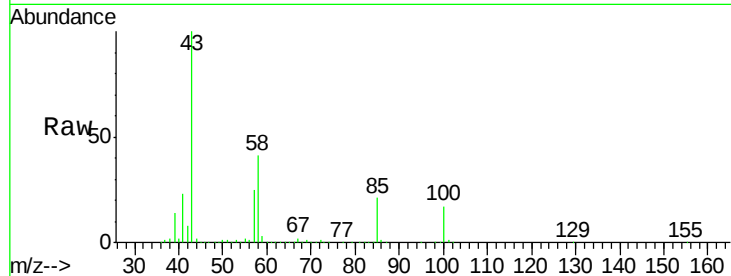
#51  
 4-Methyl-2-Pentanone  
 Concen: 102.379 ug/l  
 RT: 8.64 min Scan# 1228  
 Delta R.T. 0.00 min  
 Lab File: VX011363.D  
 Acq: 07 Aug 2019 15:07

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0807WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 40.0  | 32.3  | 48.5  |

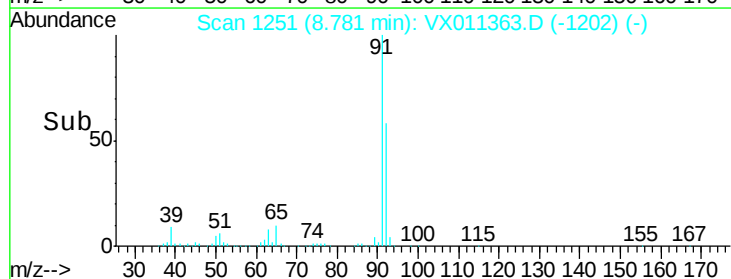
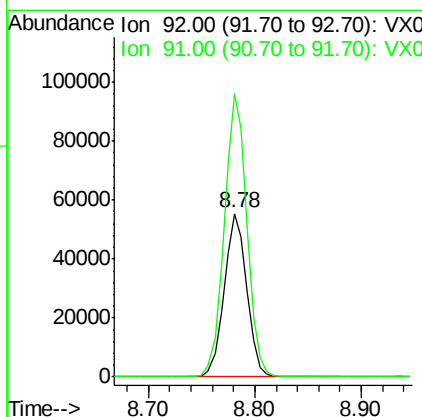
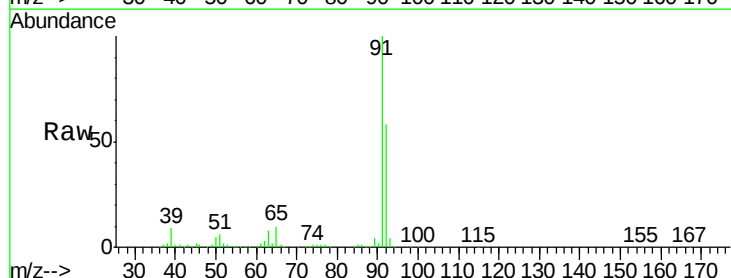
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#52  
 Toluene  
 Concen: 19.417 ug/l  
 RT: 8.78 min Scan# 1251  
 Delta R.T. 0.00 min  
 Lab File: VX011363.D  
 Acq: 07 Aug 2019 15:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 92      | 100   |       |       |
| 91      | 173.9 | 139.4 | 209.0 |





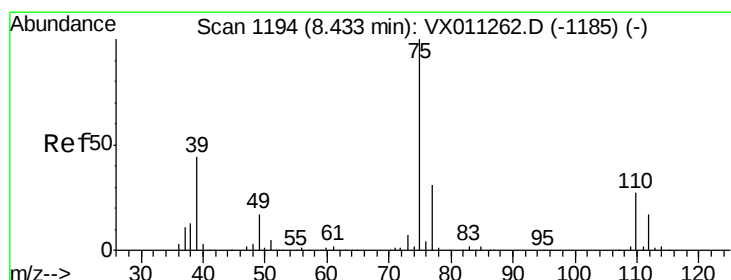
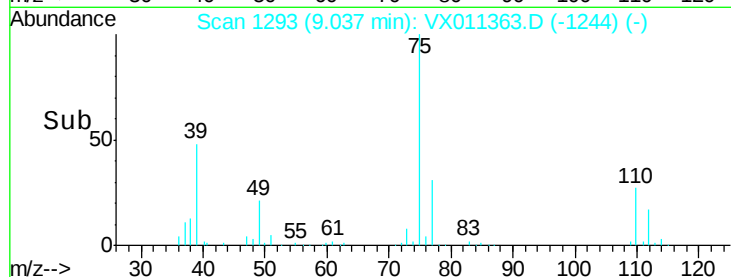
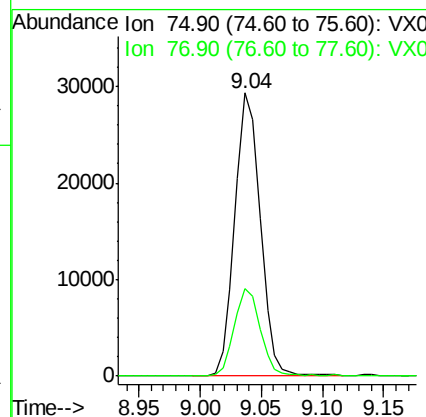
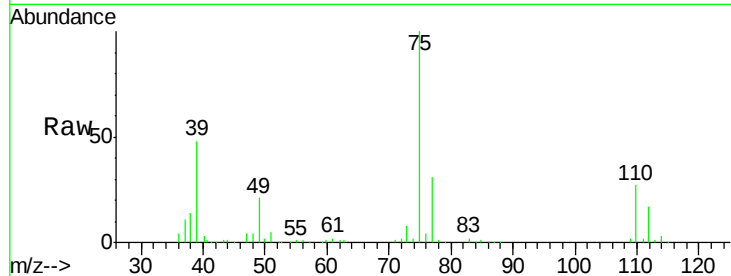
#53  
t-1,3-Dichloropropene  
Concen: 19.653 ug/l  
RT: 9.04 min Scan# 1293  
Delta R.T. 0.00 min  
Lab File: VX011363.D  
Acq: 07 Aug 2019 15:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807WBSD01

Tot Ion: 75 Resp: 42409  
Ion Ratio Lower Upper  
75 100  
77 30.8 25.4 38.0

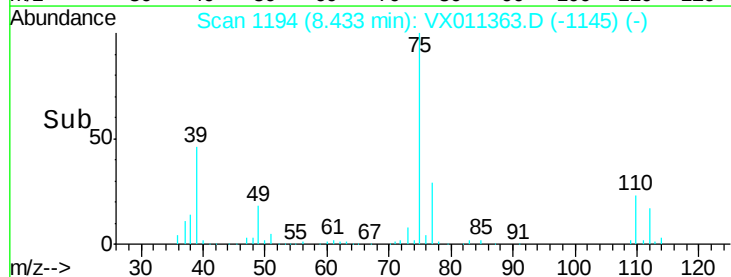
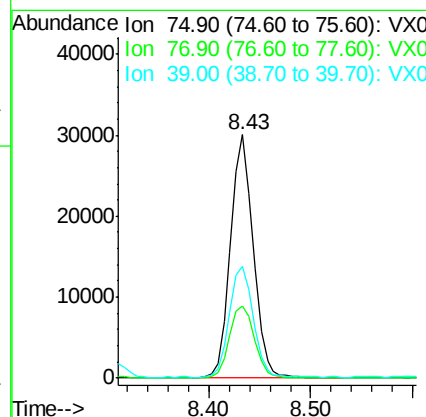
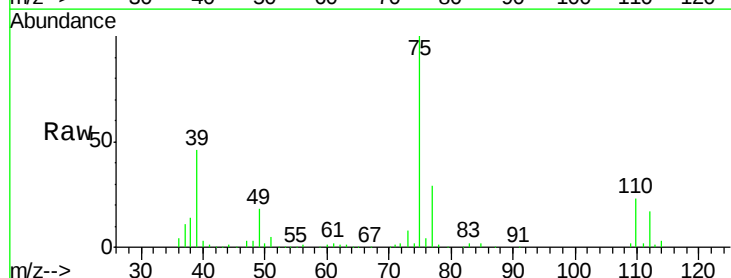
Manual Integrations  
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8/8/2019 10:56:56 AM



#54  
cis-1,3-Dichloropropene  
Concen: 19.480 ug/l  
RT: 8.43 min Scan# 1194  
Delta R.T. 0.00 min  
Lab File: VX011363.D  
Acq: 07 Aug 2019 15:07

Tgt Ion: 75 Resp: 46483  
Ion Ratio Lower Upper  
75 100  
77 29.4 25.0 37.6  
39 45.6 35.3 52.9





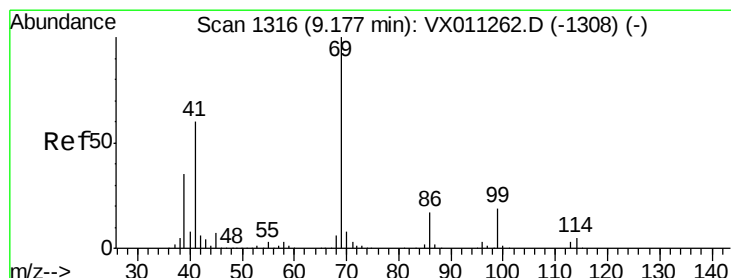
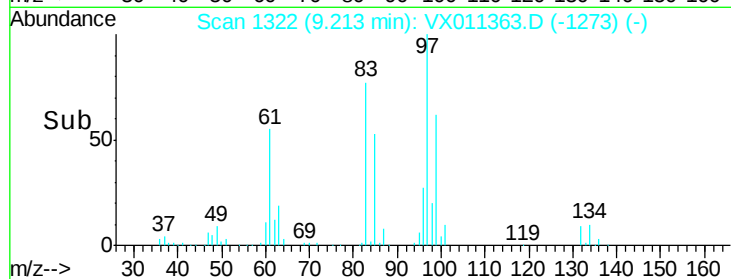
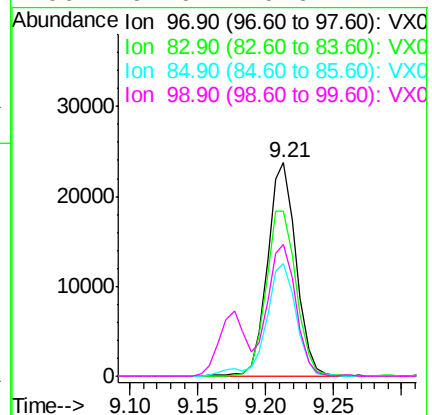
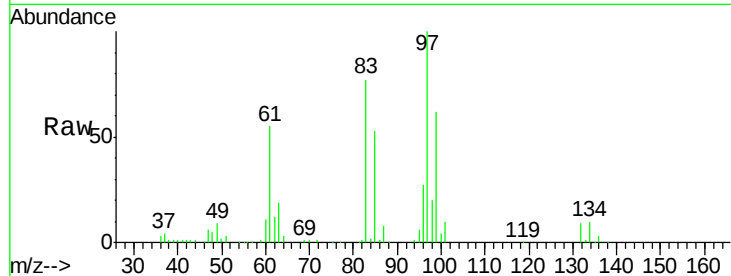
#55  
 1,1,2-Trichloroethane  
 Concen: 20.216 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. 0.00 min  
 Lab File: VX011363.D  
 Acq: 07 Aug 2019 15:07

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0807WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 35070 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 77.3  | 67.6  | 101.4 |
| 85       | 52.6  | 43.4  | 65.0  |
| 99       | 61.9  | 49.6  | 74.4  |

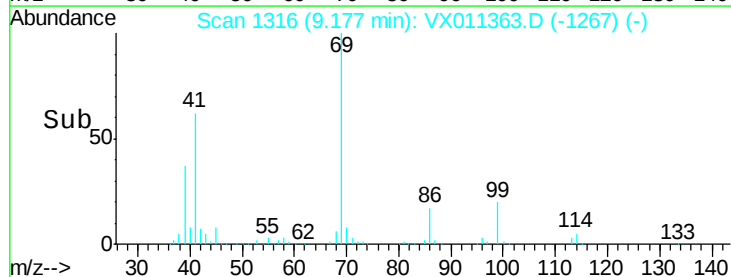
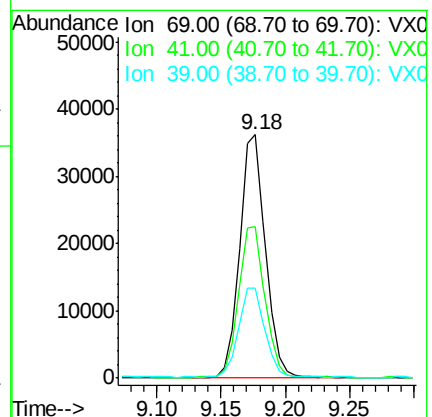
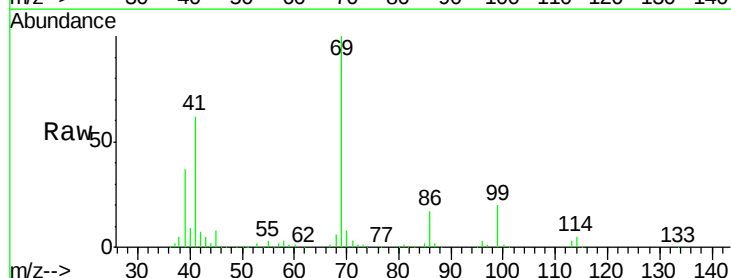
Manual Integrations  
 APPROVED

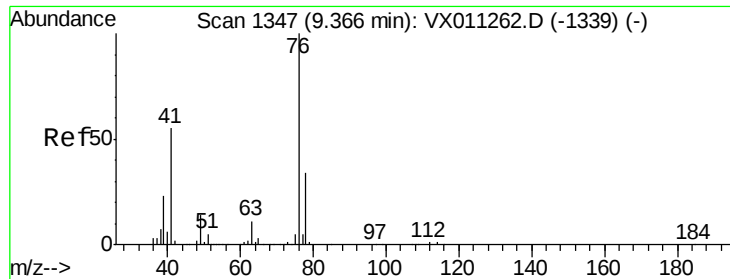
MMDadoda  
 8/8/2019 10:56:56 AM



#56  
 Ethyl methacrylate  
 Concen: 20.422 ug/l  
 RT: 9.18 min Scan# 1316  
 Delta R.T. 0.00 min  
 Lab File: VX011363.D  
 Acq: 07 Aug 2019 15:07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 50488 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 63.1  | 48.6  | 73.0  |
| 39       | 37.6  | 29.4  | 44.2  |





#57

1,3-Dichloropropane

Concen: 20.041 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX011363.D

Acq: 07 Aug 2019 15:07

Instrument :

MSVOA\_X

ClientSampleId :

VX0807WBSD01

Tot Ion: 76 Resp: 54983

Ion Ratio Lower Upper

76 100

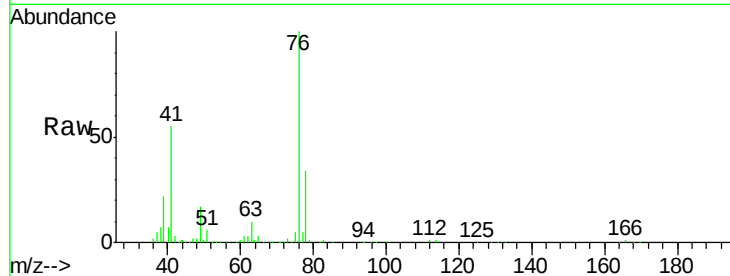
78 32.5 26.6 40.0

Manual Integrations

APPROVED

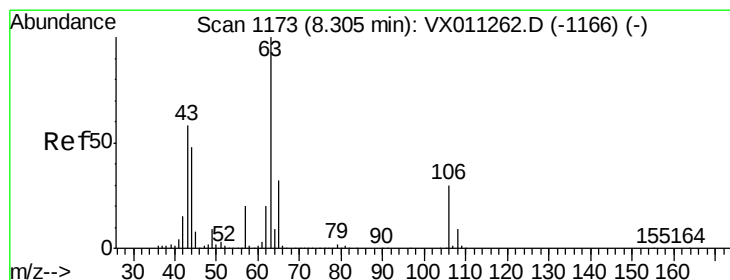
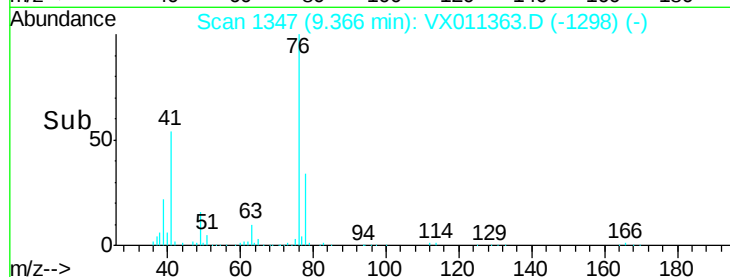
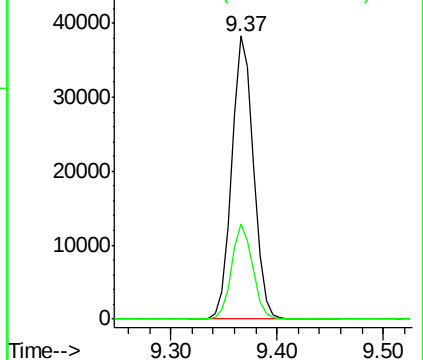
MMDadoda

8/8/2019 10:56:56 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 100.555 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.01 min

Lab File: VX011363.D

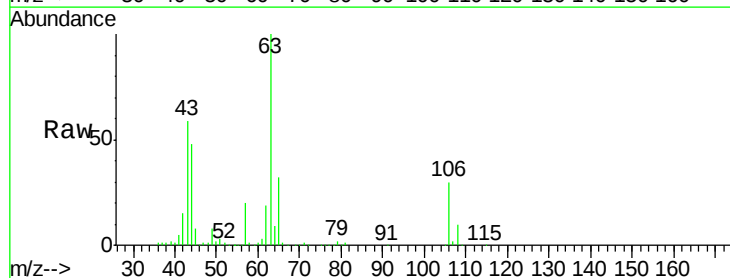
Acq: 07 Aug 2019 15:07

Tgt Ion: 63 Resp: 122230

Ion Ratio Lower Upper

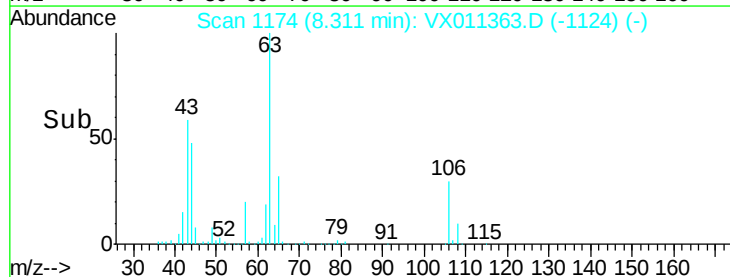
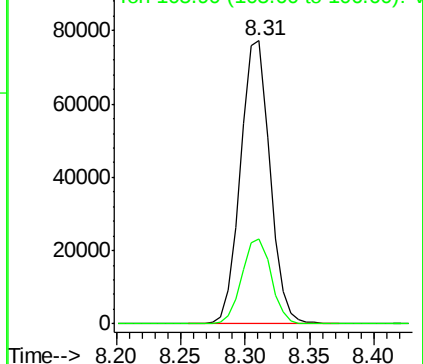
63 100

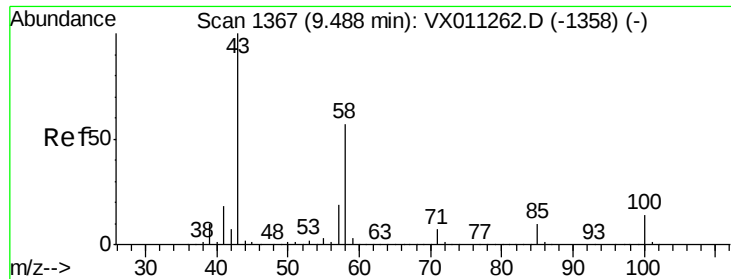
106 30.1 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





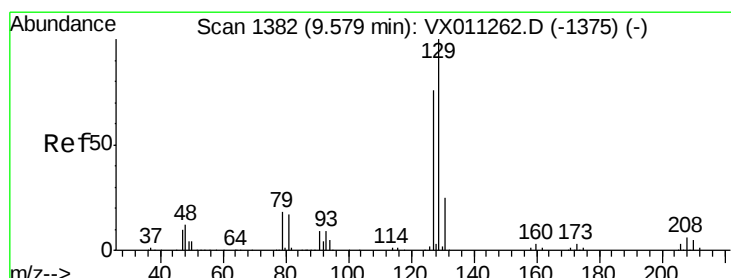
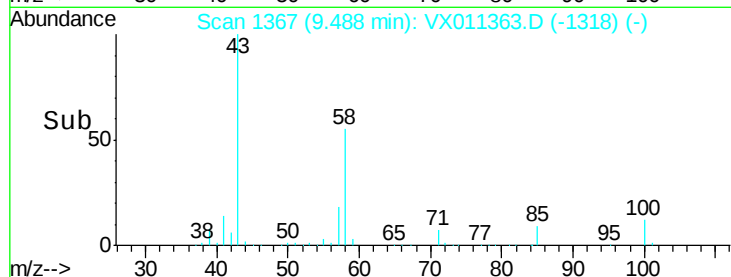
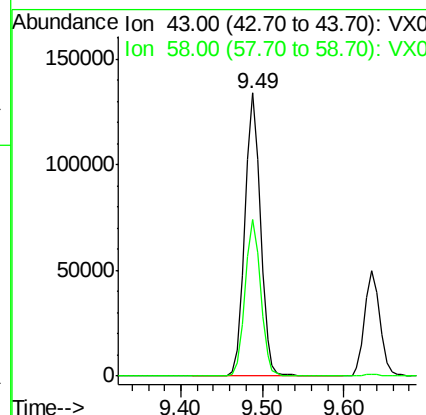
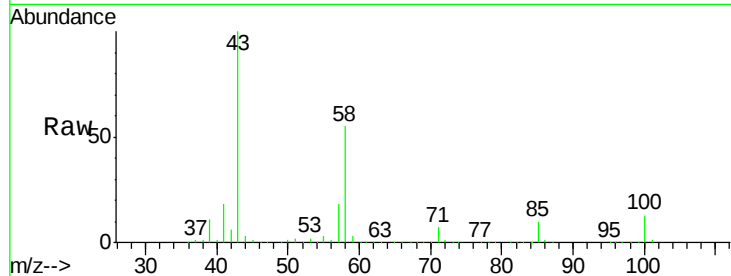
#59  
2-Hexanone  
Concen: 102.060 ug/l  
RT: 9.49 min Scan# 1367  
Delta R.T. 0.00 min  
Lab File: VX011363.D  
Acq: 07 Aug 2019 15:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807WBSD01

Tot Ion: 43 Resp: 174967  
Ion Ratio Lower Upper  
43 100  
58 55.4 28.2 84.6

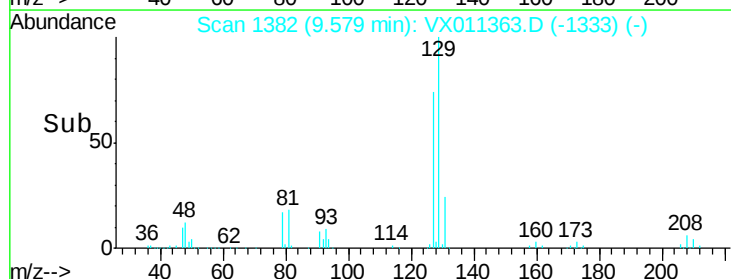
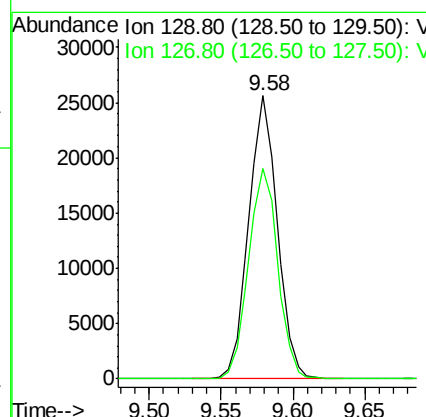
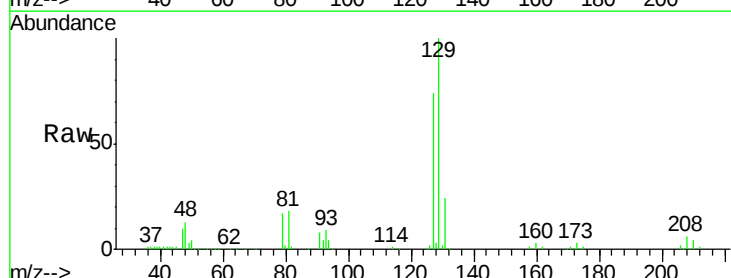
Manual Integrations  
APPROVED

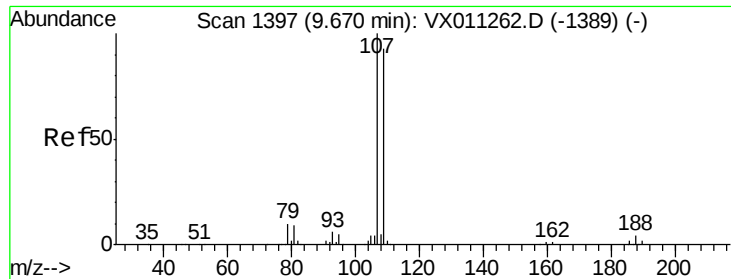
MMDadoda  
8/8/2019 10:56:56 AM



#60  
Dibromochloromethane  
Concen: 19.845 ug/l  
RT: 9.58 min Scan# 1382  
Delta R.T. 0.00 min  
Lab File: VX011363.D  
Acq: 07 Aug 2019 15:07

Tgt Ion: 129 Resp: 35247  
Ion Ratio Lower Upper  
129 100  
127 75.8 39.2 117.6





#61

1,2-Dibromoethane

Concen: 19.765 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011363.D

Acq: 07 Aug 2019 15:07

Instrument :

MSVOA\_X

ClientSampleId :

VX0807WBSD01

Tot Ion:107 Resp: 37046

Ion Ratio Lower Upper

107 100

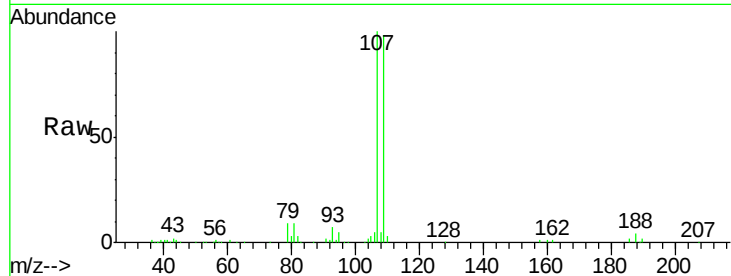
109 94.0 76.6 114.8

Manual Integrations

APPROVED

MMDadoda

8/8/2019 10:56:56 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

25000

20000

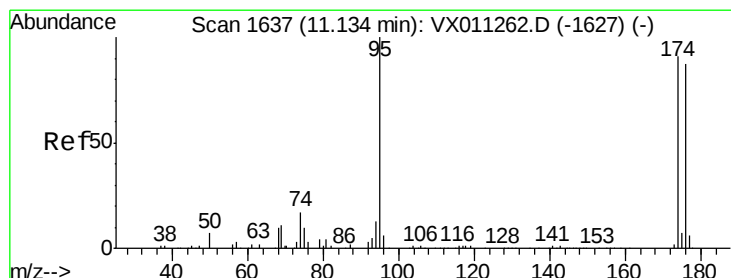
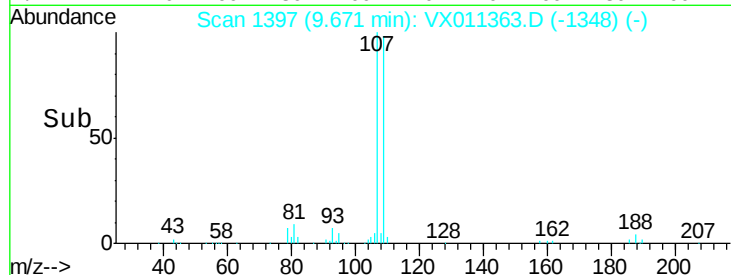
15000

10000

5000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 53.698 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011363.D

Acq: 07 Aug 2019 15:07

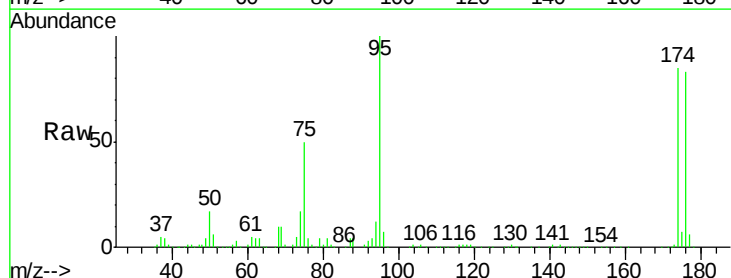
Tgt Ion: 95 Resp: 115727

Ion Ratio Lower Upper

95 100

174 90.2 0.0 191.2

176 88.9 0.0 184.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

120000

100000

80000

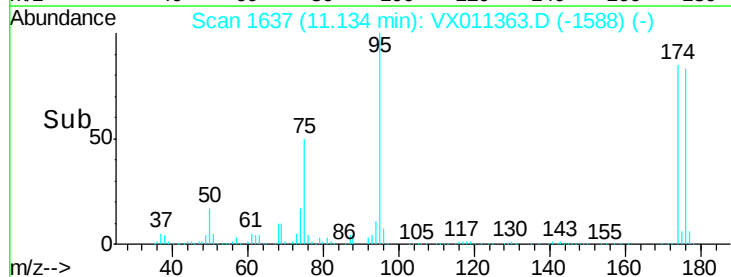
60000

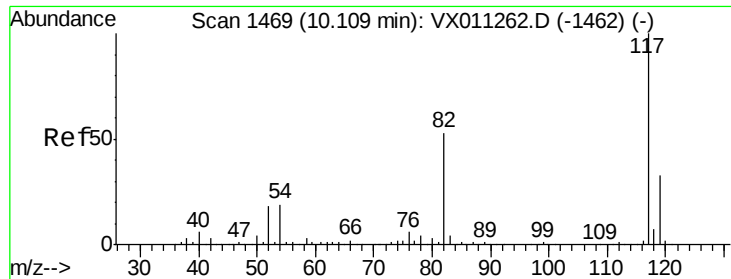
40000

20000

0

Time-->





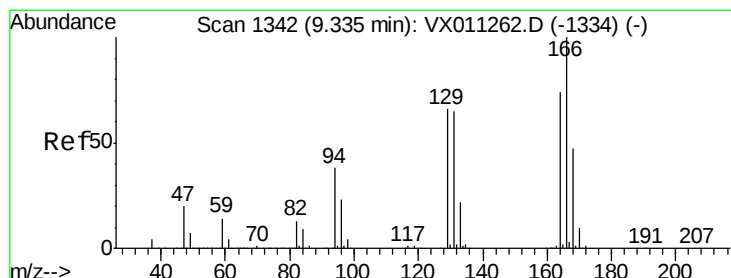
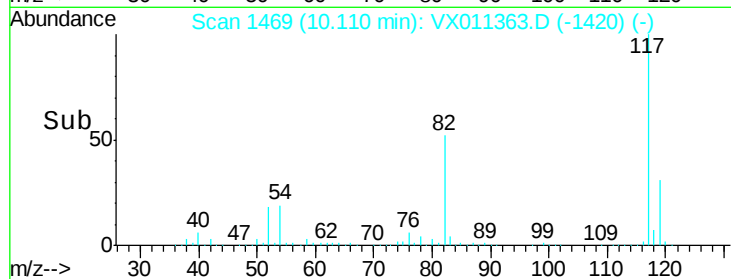
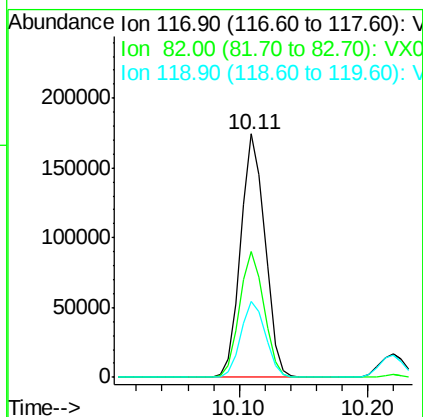
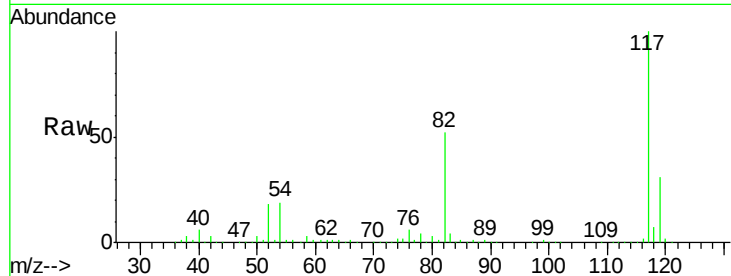
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. 0.00 min  
Lab File: VX011363.D  
Acq: 07 Aug 2019 15:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 227291 |       |       |
| 82      | 51.8  | 42.2   | 63.2  |       |
| 119     | 31.0  | 26.6   | 39.8  |       |

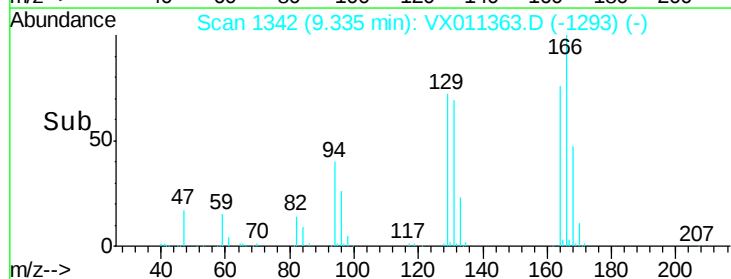
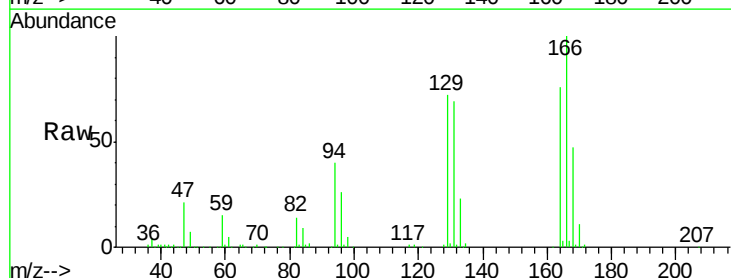
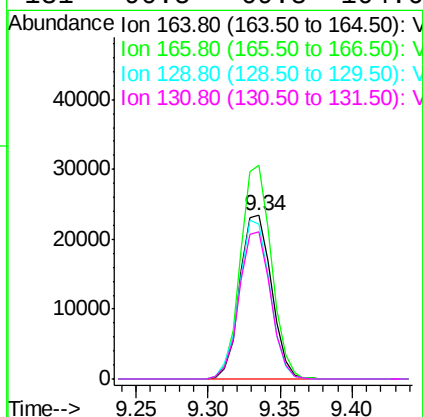
Manual Integrations  
APPROVED

MMDadoda  
8/8/2019 10:56:56 AM



#64  
Tetrachloroethene  
Concen: 18.539 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. 0.00 min  
Lab File: VX011363.D  
Acq: 07 Aug 2019 15:07

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   | 35784 |       |       |
| 166     | 130.8 | 107.5 | 161.3 |       |
| 129     | 94.7  | 71.0  | 106.4 |       |
| 131     | 90.5  | 69.8  | 104.6 |       |





#65

Chlorobenzene

Concen: 19.062 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX011363.D

Acq: 07 Aug 2019 15:07

Instrument :

MSVOA\_X

ClientSampleId :

VX0807WBSD01

Tot Ion:112 Resp: 92899

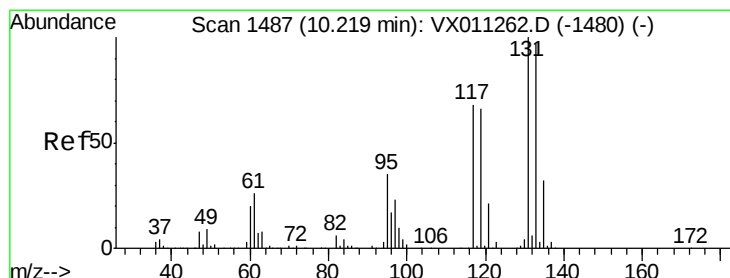
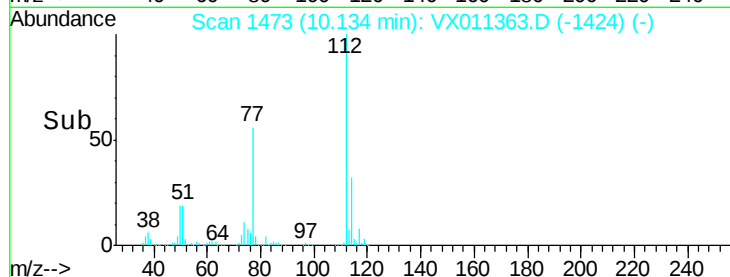
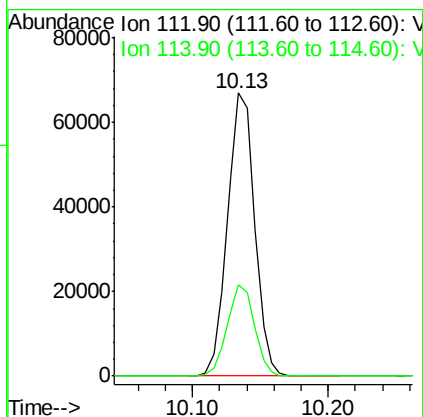
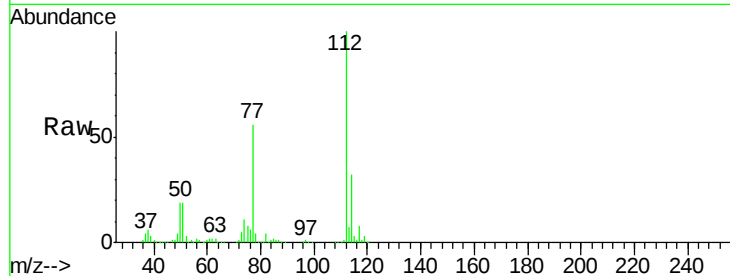
Ion Ratio Lower Upper

112 100

114 32.3 25.9 38.9

Manual Integrations  
APPROVED

MMDadoda  
8/8/2019 10:56:56 AM



#66

1,1,1,2-Tetrachloroethane

Concen: 19.913 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX011363.D

Acq: 07 Aug 2019 15:07

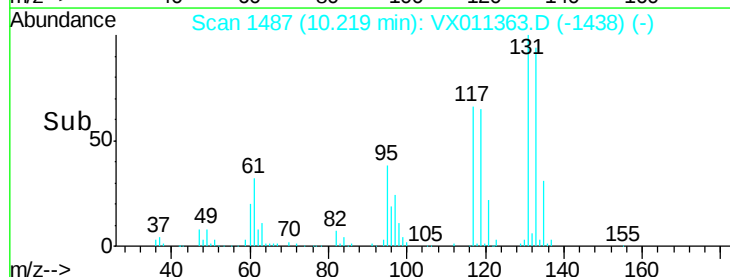
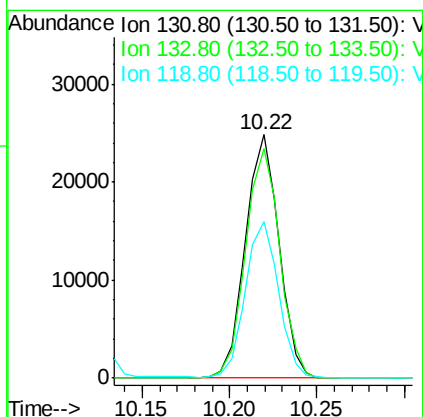
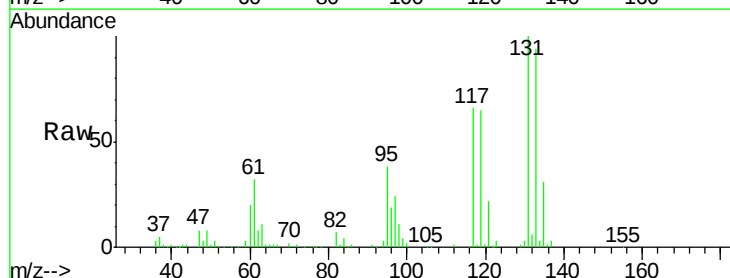
Tgt Ion:131 Resp: 33224

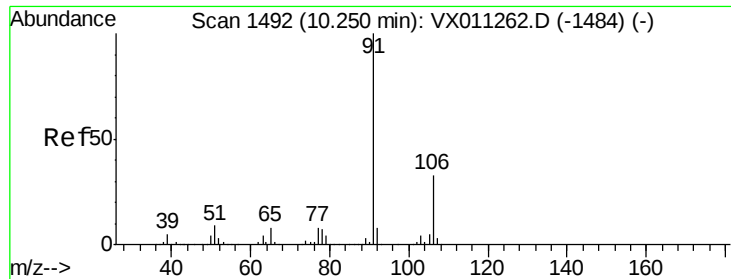
Ion Ratio Lower Upper

131 100

133 96.1 47.7 143.1

119 64.1 32.8 98.3





#67

Ethyl Benzene

Concen: 19.523 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011363.D

Acq: 07 Aug 2019 15:07

Instrument :

MSVOA\_X

ClientSampled :

VX0807WBSD01

Tot Ion: 91 Resp: 159342

Ion Ratio Lower Upper

91 100

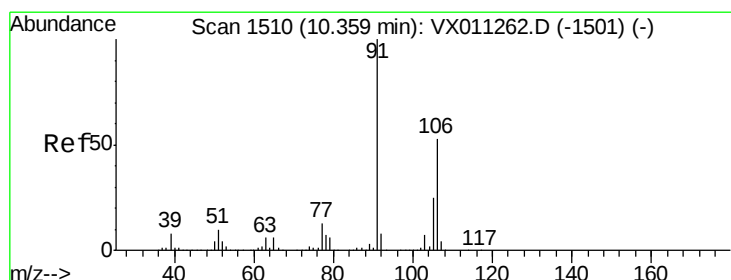
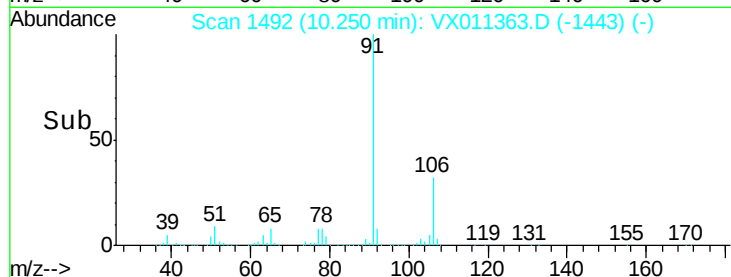
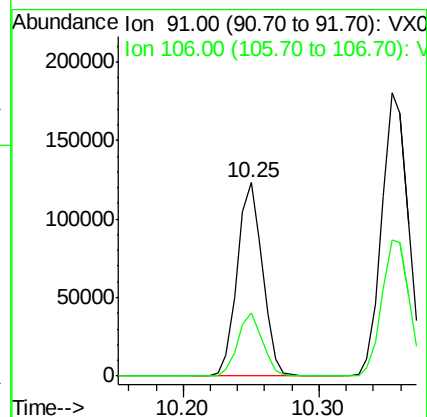
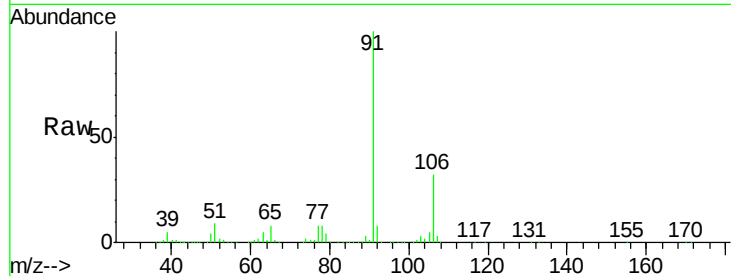
106 32.4 26.2 39.4

Manual Integrations

APPROVED

MMDadoda

8/8/2019 10:56:56 AM



#68

m/p-Xylenes

Concen: 38.493 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX011363.D

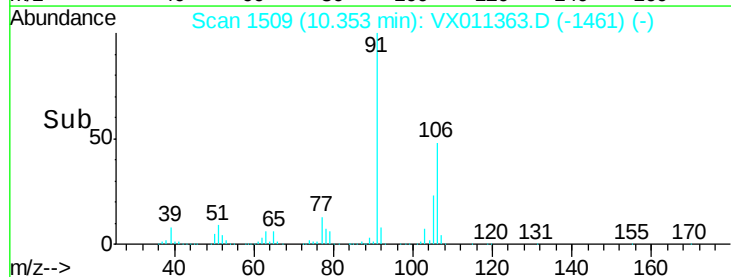
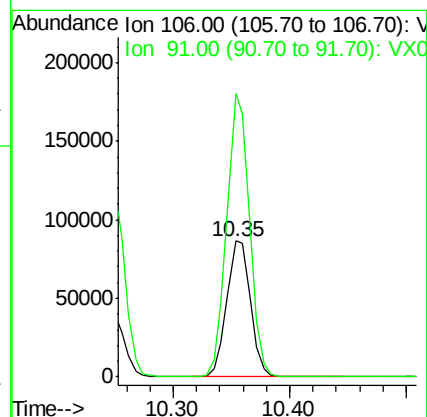
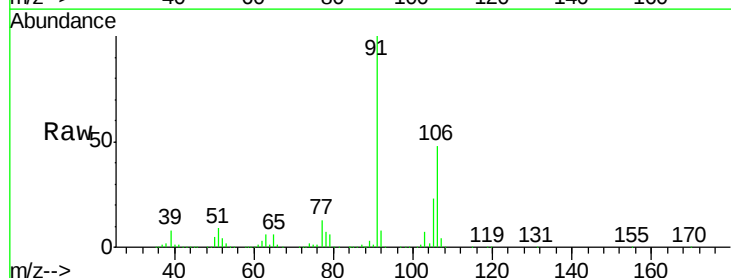
Acq: 07 Aug 2019 15:07

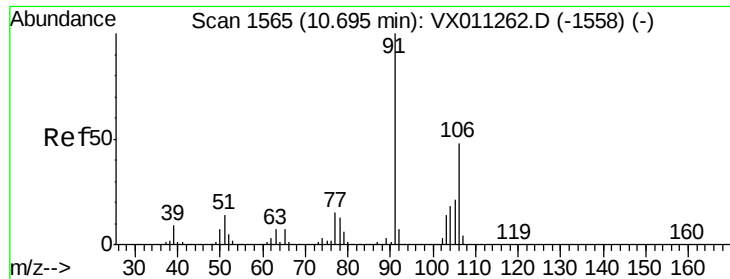
Tgt Ion: 106 Resp: 121520

Ion Ratio Lower Upper

106 100

91 200.0 155.9 233.9





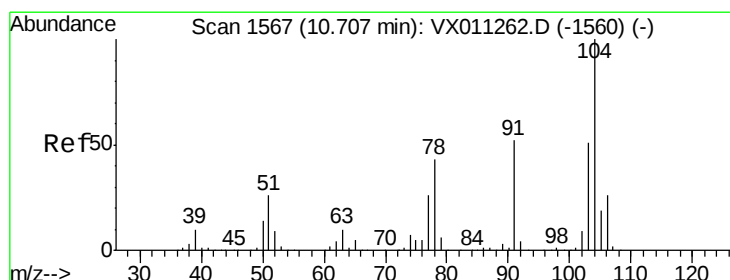
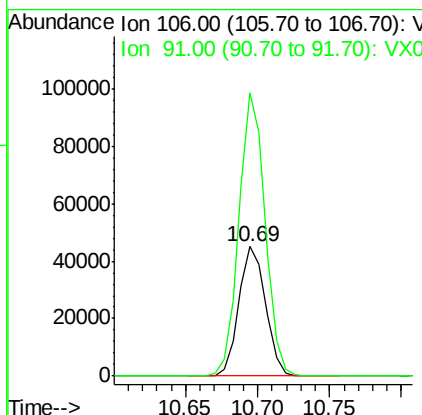
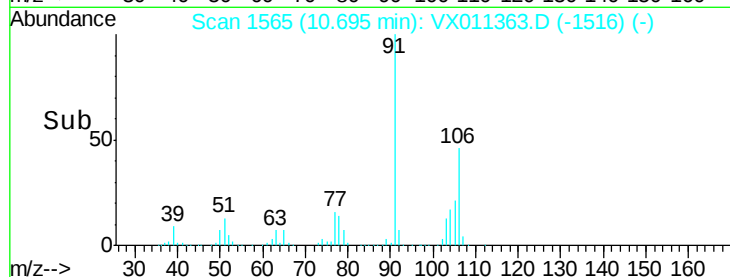
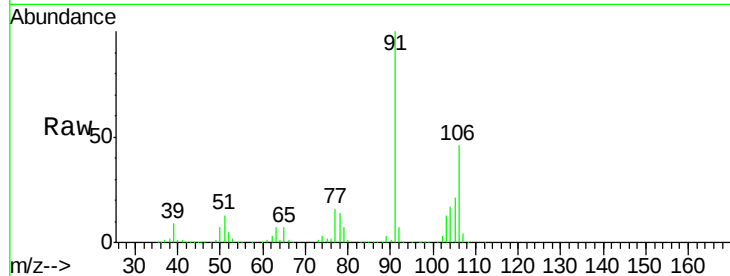
#69  
o-Xylene  
Concen: 18.780 ug/l  
RT: 10.69 min Scan# 1565  
Delta R.T. 0.00 min  
Lab File: VX011363.D  
Acq: 07 Aug 2019 15:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807WBSD01

Tot Ion:106 Resp: 58252  
Ion Ratio Lower Upper  
106 100  
91 214.0 103.8 311.3

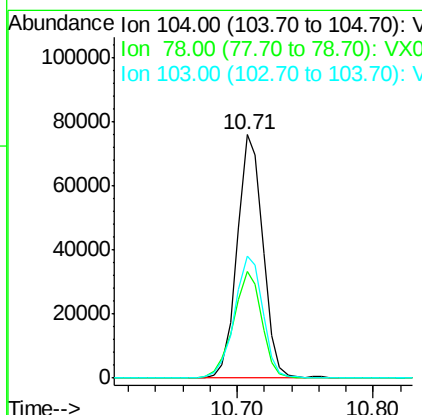
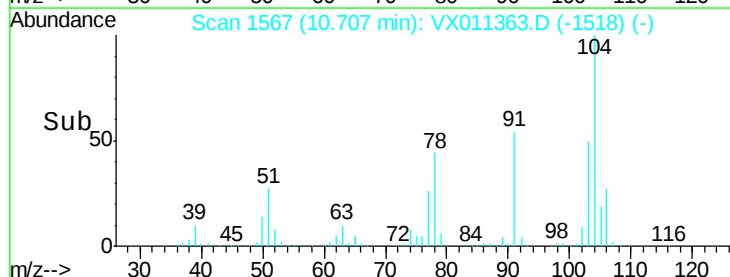
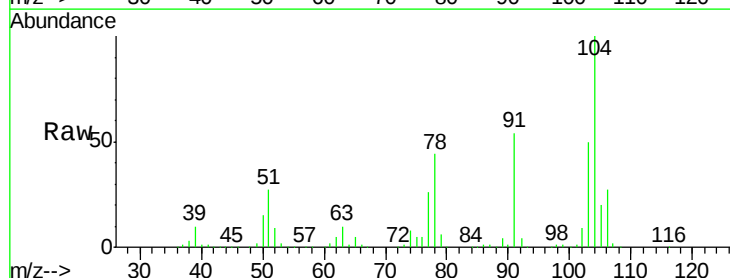
Manual Integrations  
APPROVED

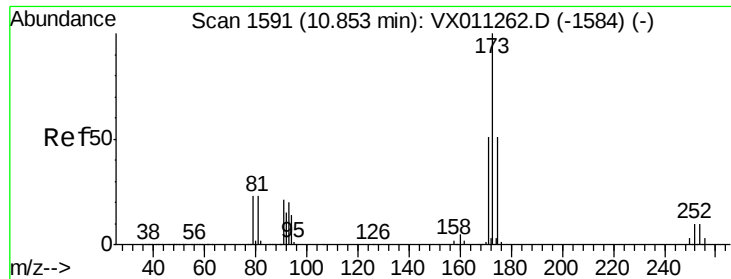
MMDadoda  
8/8/2019 10:56:56 AM



#70  
Styrene  
Concen: 19.440 ug/l  
RT: 10.71 min Scan# 1567  
Delta R.T. 0.00 min  
Lab File: VX011363.D  
Acq: 07 Aug 2019 15:07

Tgt Ion:104 Resp: 99774  
Ion Ratio Lower Upper  
104 100  
78 48.3 36.9 55.3  
103 55.5 44.4 66.6





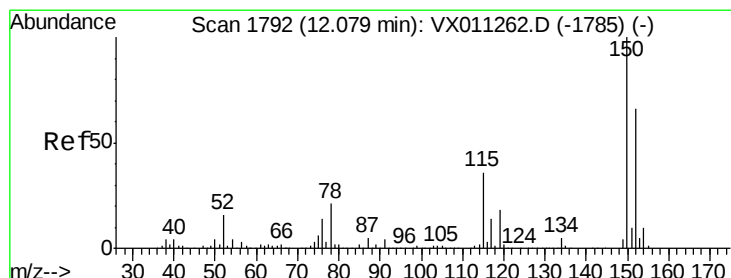
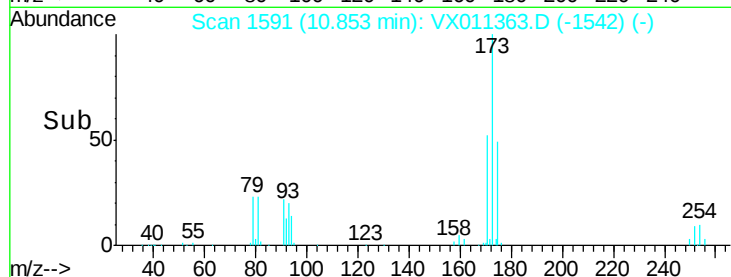
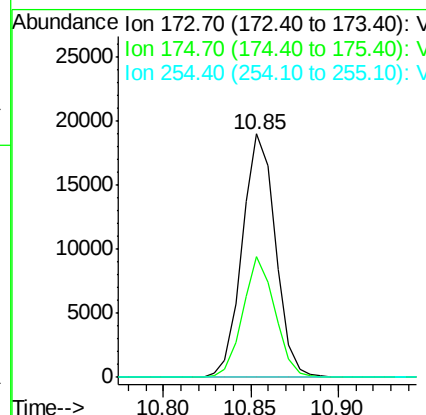
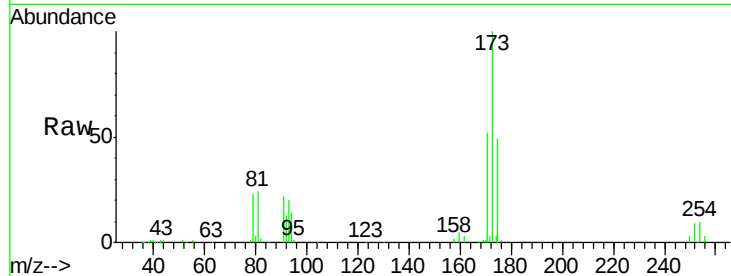
#71  
Bromoform  
Concen: 18.684 ug/l  
RT: 10.85 min Scan# 1591  
Delta R.T. 0.00 min  
Lab File: VX011363.D  
Acq: 07 Aug 2019 15:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 47.8  | 24.4  | 73.4  |
| 254     | 0.1   | 0.2   | 0.2   |

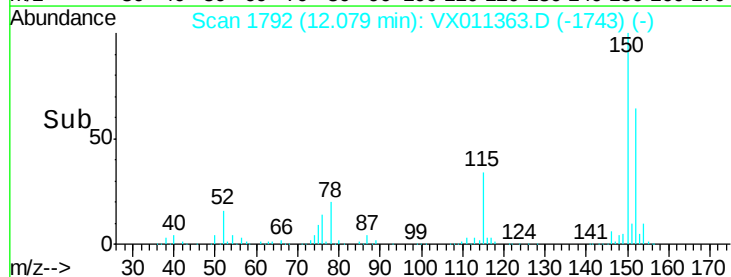
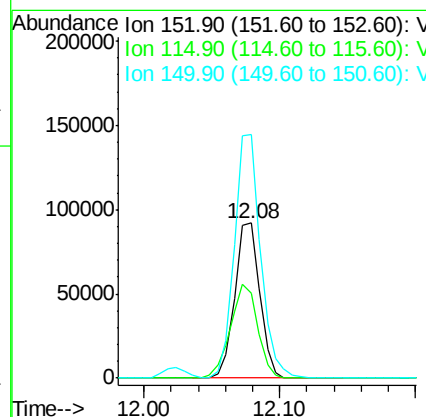
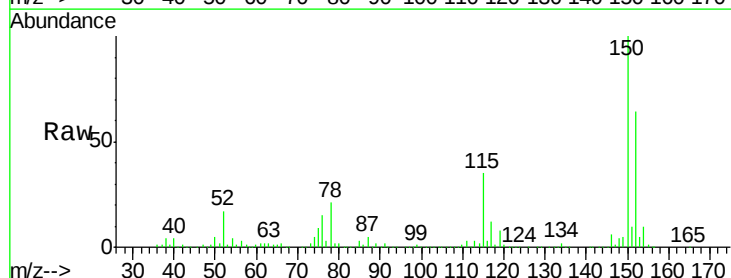
Manual Integrations  
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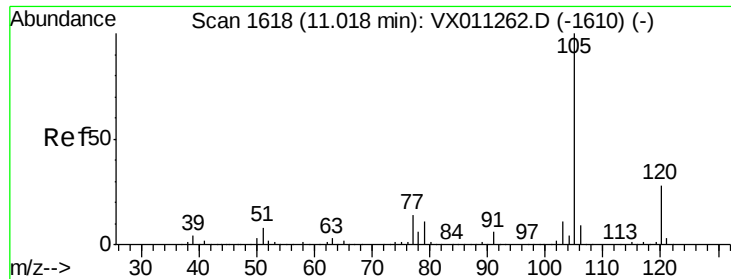
MMDadoda  
8/8/2019 10:56:56 AM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.08 min Scan# 1792  
Delta R.T. 0.00 min  
Lab File: VX011363.D  
Acq: 07 Aug 2019 15:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 65.6  | 40.0  | 119.9 |
| 150     | 163.5 | 0.0   | 350.4 |





#73

Isopropylbenzene

Concen: 19.865 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011363.D

Acq: 07 Aug 2019 15:07

Instrument :

MSVOA\_X

ClientSampleId :

VX0807WBSD01

Tot Ion: 105 Resp: 160336

Ion Ratio Lower Upper

105 100

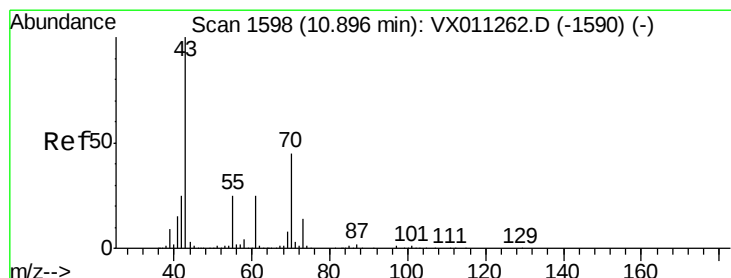
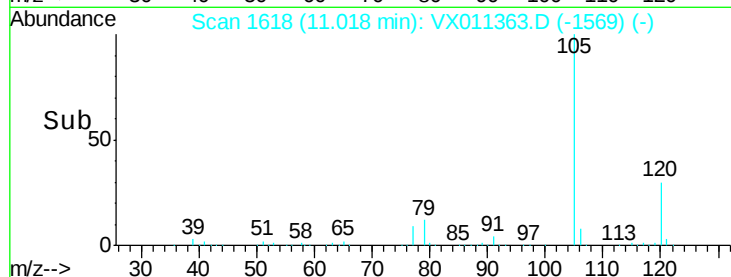
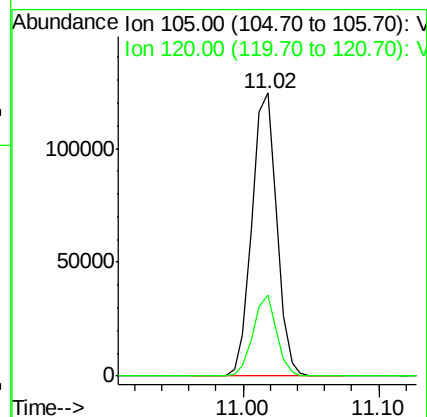
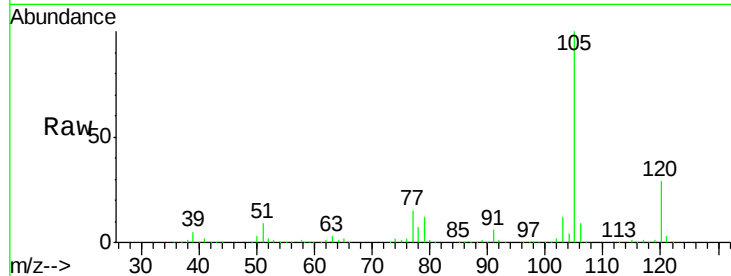
120 27.1 13.7 41.1

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8/8/2019 10:56:56 AM



#74

N-ethyl acetate

Concen: 21.333 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011363.D

Acq: 07 Aug 2019 15:07

Tgt Ion: 43 Resp: 62215

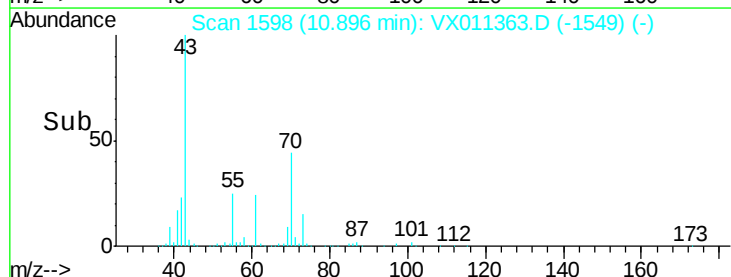
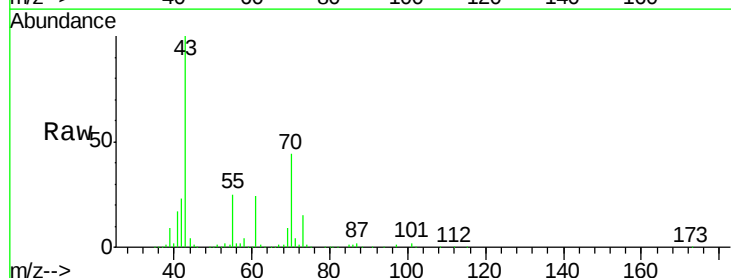
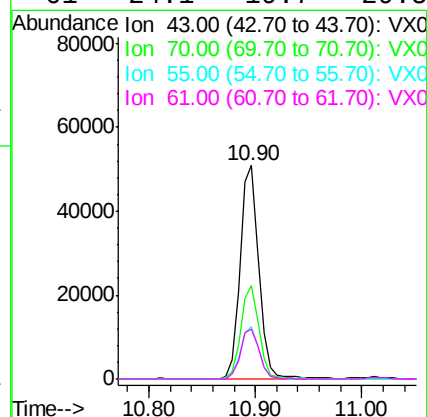
Ion Ratio Lower Upper

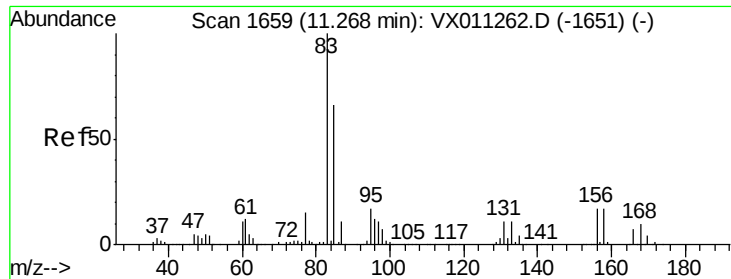
43 100

70 43.3 35.9 53.9

55 24.5 19.8 29.6

61 24.1 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.016 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011363.D

Acq: 07 Aug 2019 15:07

Instrument :

MSVOA\_X

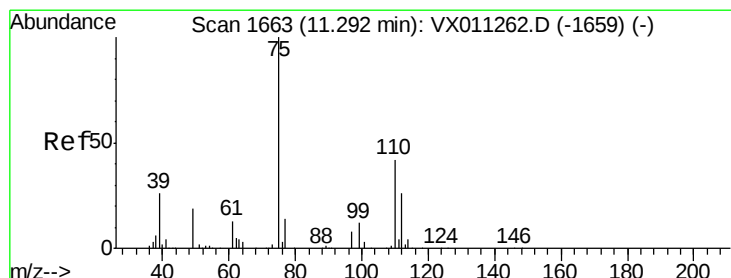
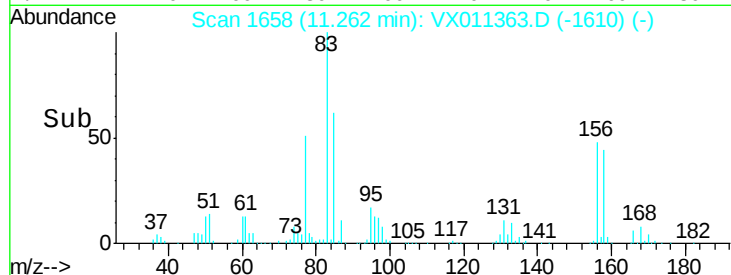
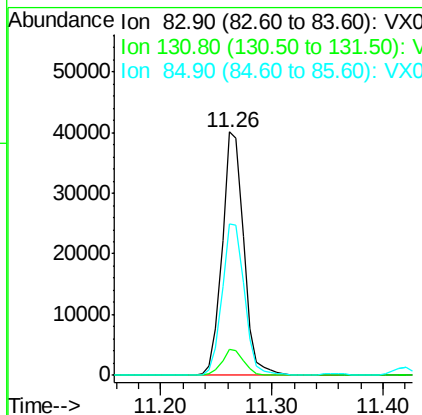
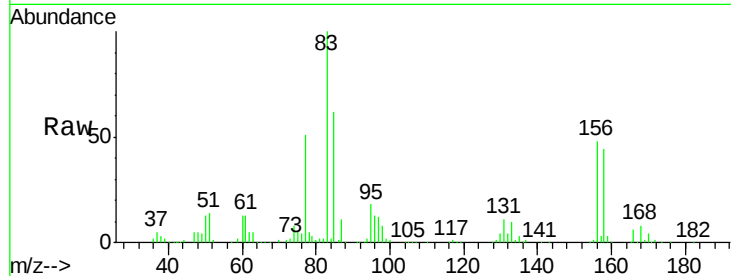
ClientSampleId :

VX0807WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 53837 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 11.0  | 5.6   | 16.8  |
| 85        | 64.4  | 32.1  | 96.5  |

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#76

1,2,3-Trichloropropane

Concen: 20.905 ug/l m

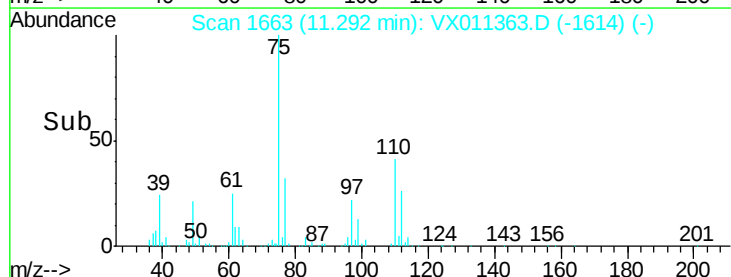
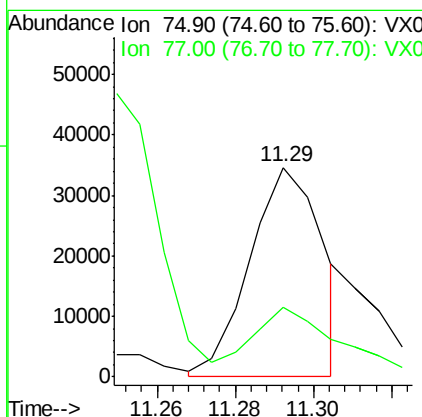
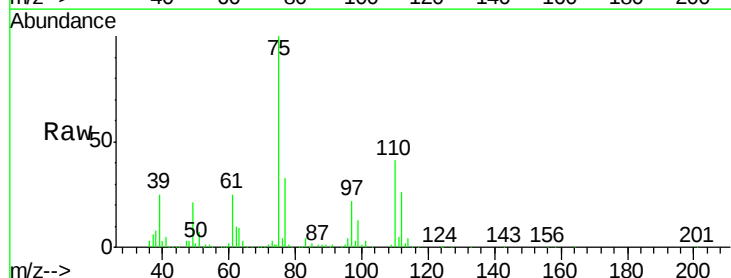
RT: 11.29 min Scan# 1663

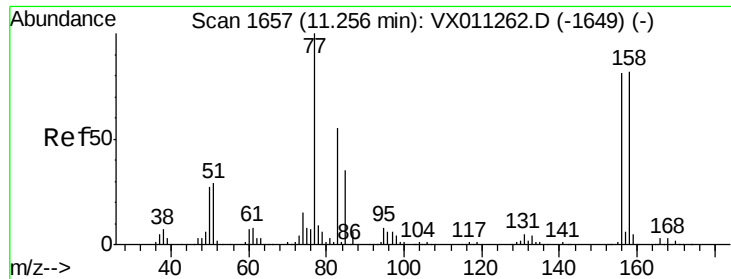
Delta R.T. 0.00 min

Lab File: VX011363.D

Acq: 07 Aug 2019 15:07

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 44928 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 40.3  | 21.1  | 63.4  |





#77

Bromobenzene

Concen: 19.843 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011363.D

Acq: 07 Aug 2019 15:07

Instrument :

MSVOA\_X

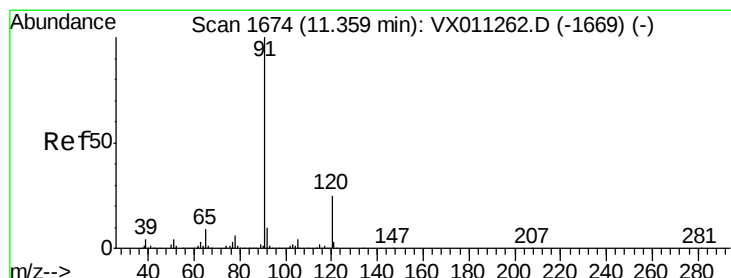
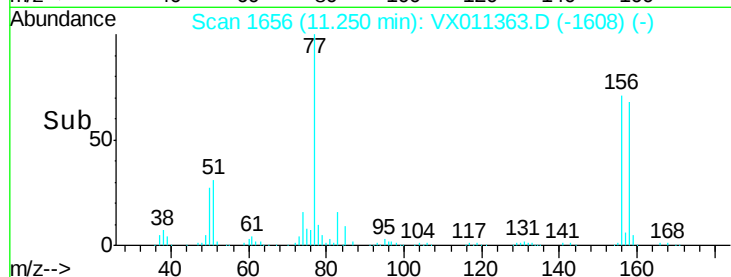
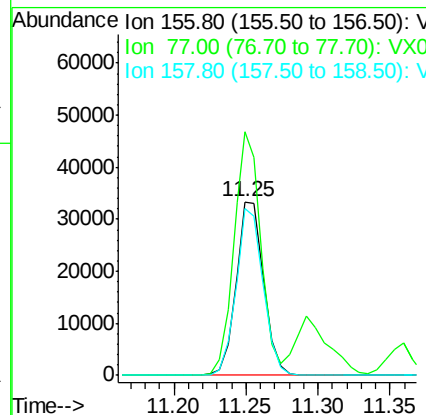
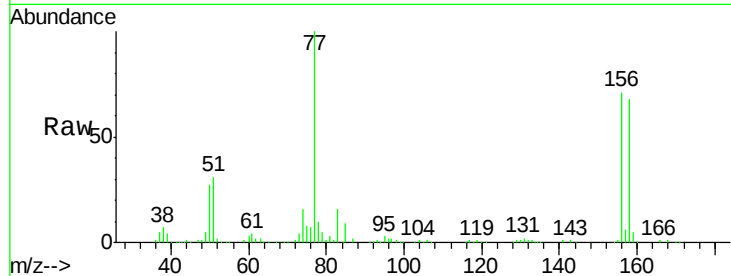
ClientSampleId :

VX0807WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 156   | Resp: | 44410 |
| Ion      | Ratio | Lower | Upper |
| 156      | 100   |       |       |
| 77       | 137.8 | 66.2  | 198.6 |
| 158      | 94.7  | 49.1  | 147.3 |

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#78

n-propylbenzene

Concen: 19.832 ug/l

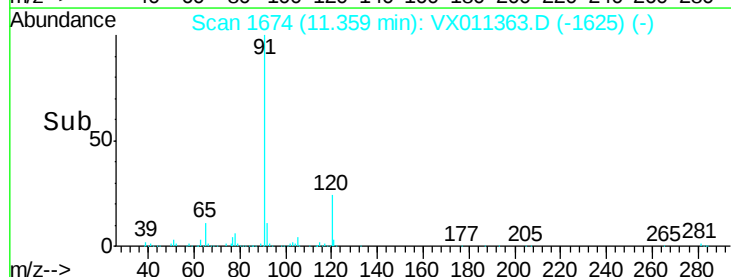
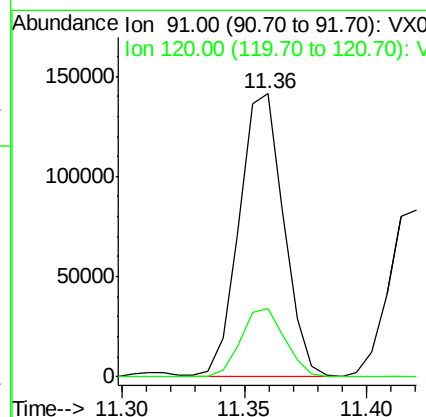
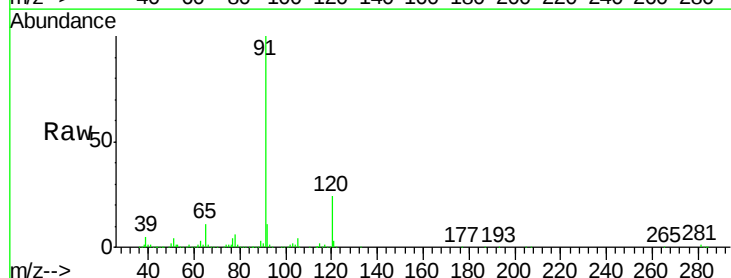
RT: 11.36 min Scan# 1674

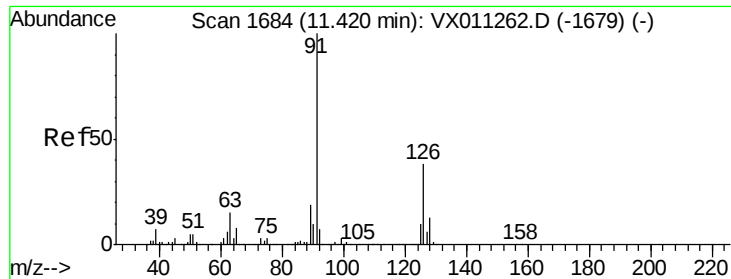
Delta R.T. 0.00 min

Lab File: VX011363.D

Acq: 07 Aug 2019 15:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 178007 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 120      | 24.3  | 12.4  | 37.0   |





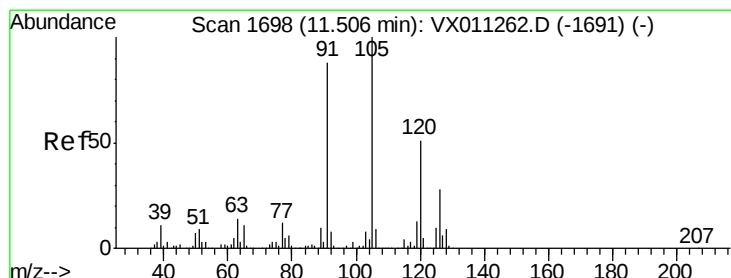
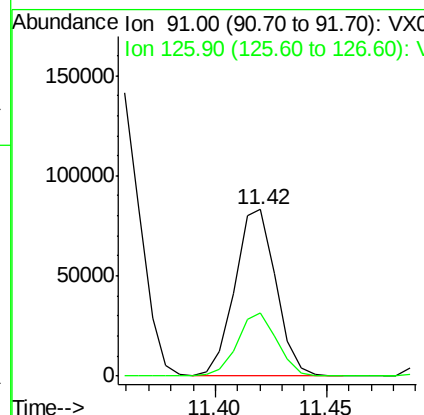
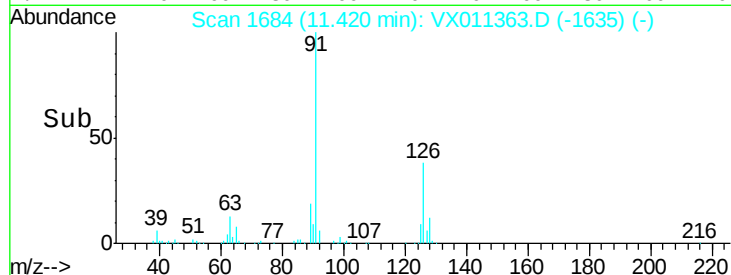
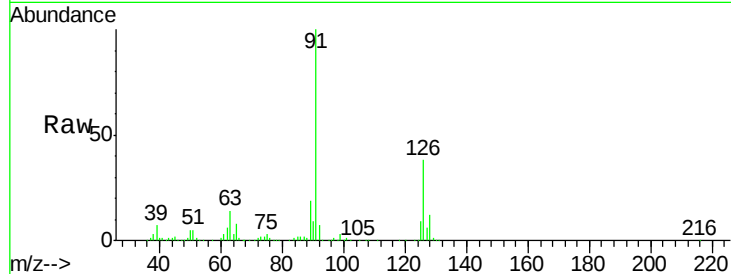
#79  
 2-Chlorotoluene  
 Concen: 19.923 ug/l  
 RT: 11.42 min Scan# 1684  
 Delta R.T. 0.00 min  
 Lab File: VX011363.D  
 Acq: 07 Aug 2019 15:07

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0807WBSD01

Tot Ion: 91 Resp: 106586  
 Ion Ratio Lower Upper  
 91 100  
 126 36.9 18.5 55.5

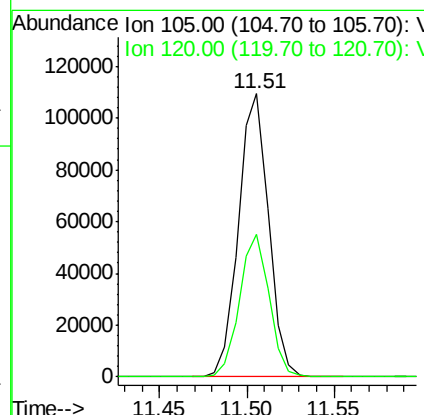
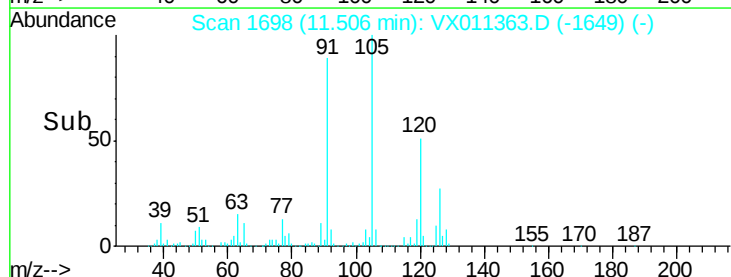
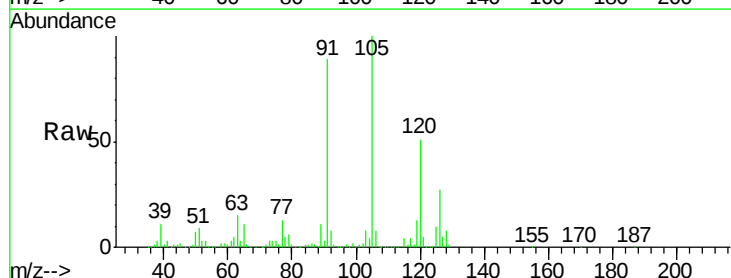
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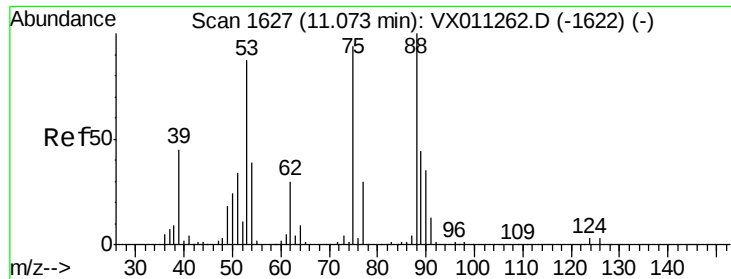
MMDadoda  
 8/8/2019 10:56:56 AM



#80  
 1,3,5-Trimethylbenzene  
 Concen: 19.345 ug/l  
 RT: 11.51 min Scan# 1698  
 Delta R.T. 0.00 min  
 Lab File: VX011363.D  
 Acq: 07 Aug 2019 15:07

Tgt Ion:105 Resp: 130704  
 Ion Ratio Lower Upper  
 105 100  
 120 49.8 25.1 75.2





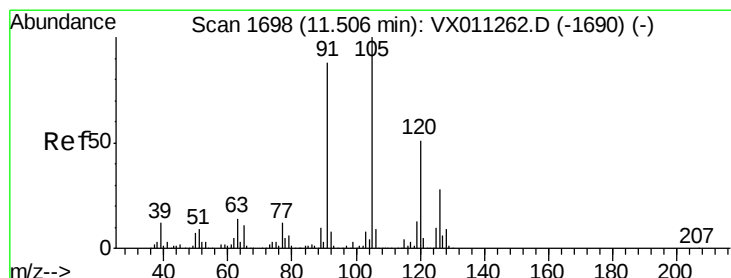
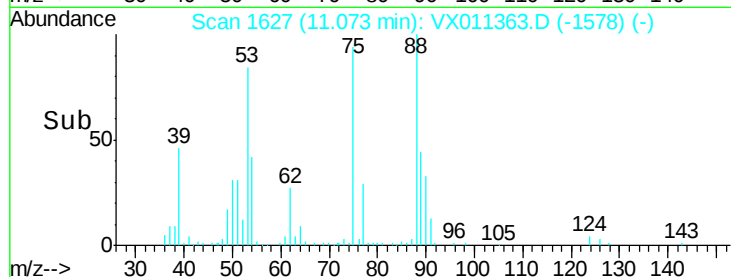
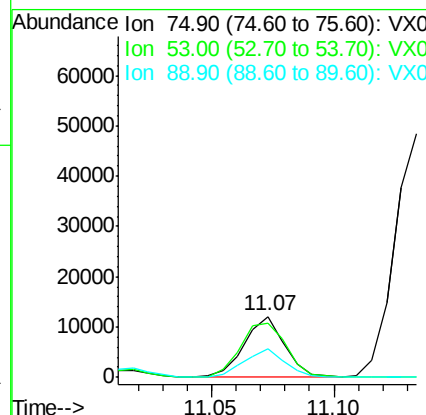
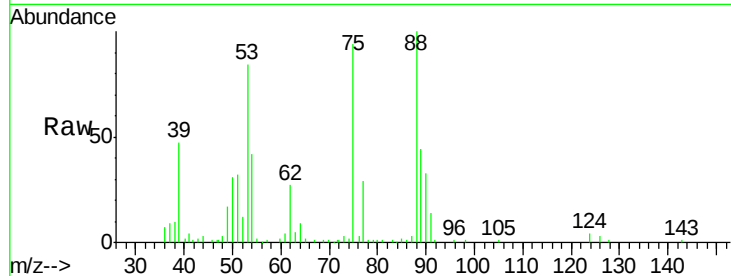
#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.185 ug/l  
RT: 11.07 min Scan# 1627  
Delta R.T. 0.00 min  
Lab File: VX011363.D  
Acq: 07 Aug 2019 15:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 104.0 | 78.2  | 117.4 |
| 89      | 48.6  | 37.9  | 56.9  |

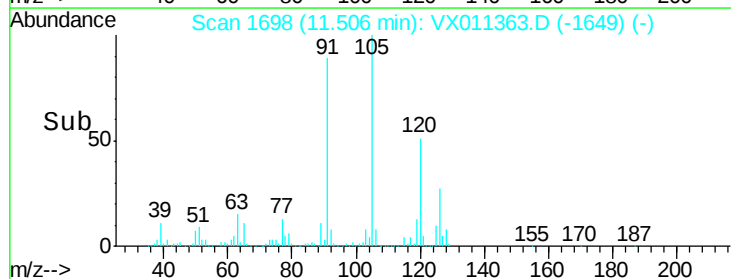
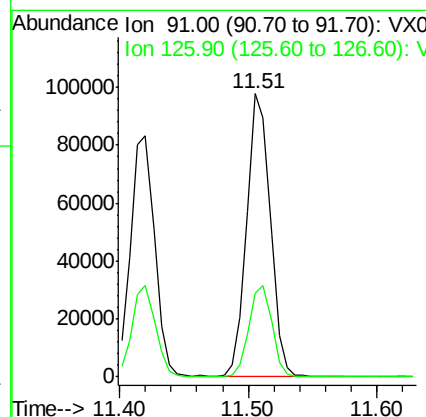
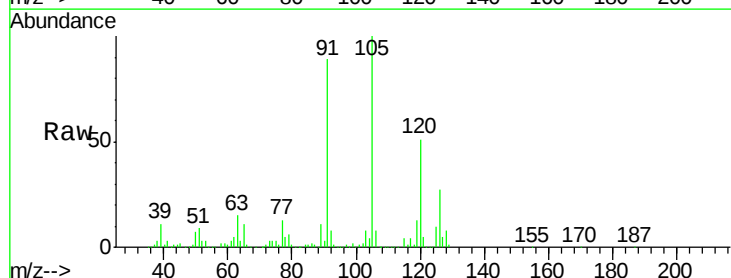
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#82  
4-Chlorotoluene  
Concen: 19.844 ug/l  
RT: 11.51 min Scan# 1698  
Delta R.T. 0.00 min  
Lab File: VX011363.D  
Acq: 07 Aug 2019 15:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 31.4  | 16.4  | 49.2  |





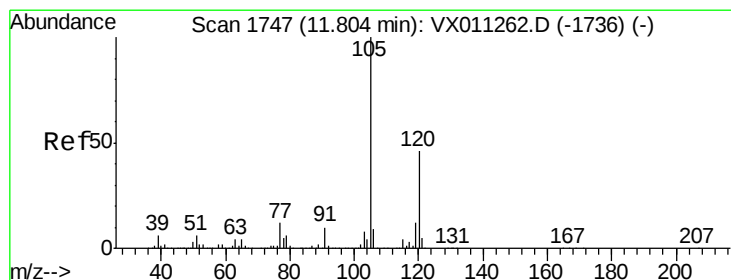
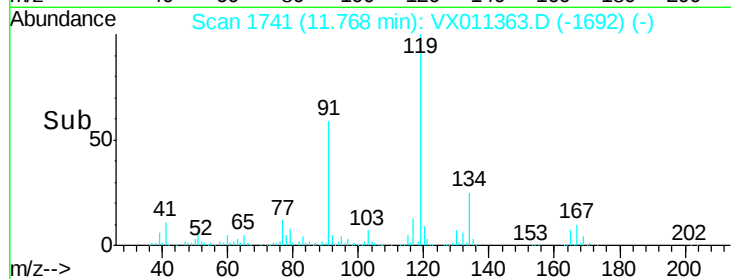
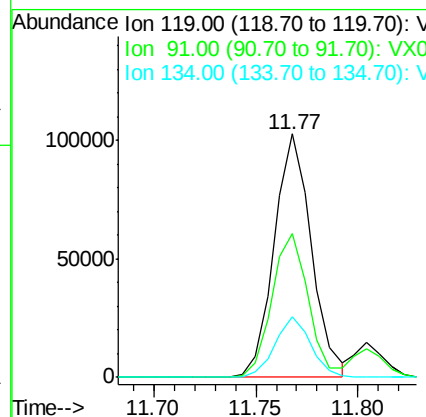
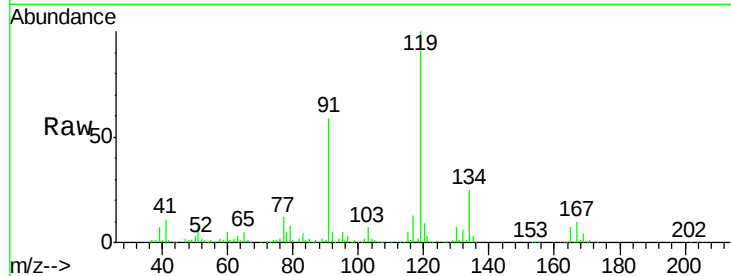
#83  
 tert-Butylbenzene  
 Concen: 19.729 ug/l  
 RT: 11.77 min Scan# 1741  
 Delta R.T. 0.00 min  
 Lab File: VX011363.D  
 Acq: 07 Aug 2019 15:07

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0807WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 130737 |       |       |
| 91      | 58.3  | 28.0   | 84.0  |       |
| 134     | 24.1  | 11.9   | 35.5  |       |

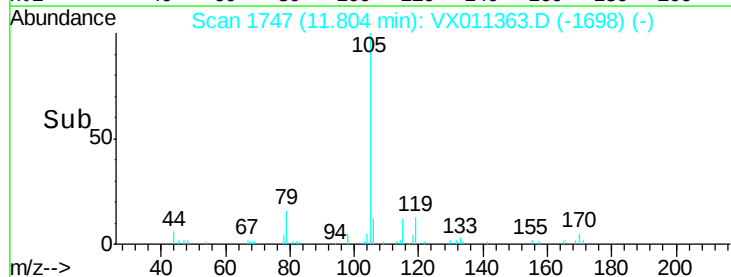
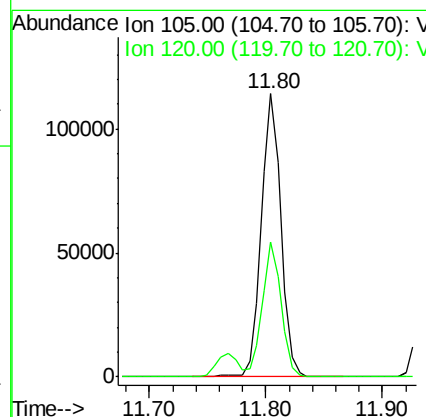
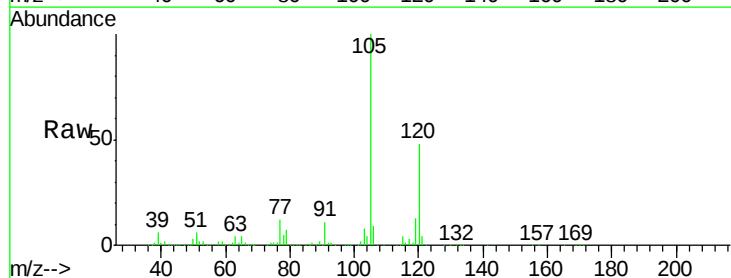
Manual Integrations  
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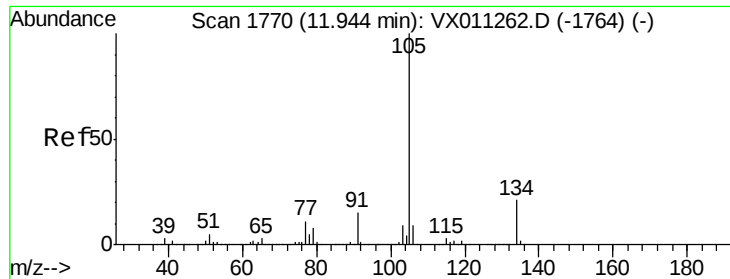
MMDadoda  
 8/8/2019 10:56:56 AM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.032 ug/l  
 RT: 11.80 min Scan# 1747  
 Delta R.T. 0.00 min  
 Lab File: VX011363.D  
 Acq: 07 Aug 2019 15:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 134757 |       |       |
| 120     | 45.9  | 23.0   | 69.0  |       |





#85

sec-Butylbenzene

Concen: 19.723 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011363.D

Acq: 07 Aug 2019 15:07

Instrument :

MSVOA\_X

ClientSampleId :

VX0807WBSD01

Tot Ion:105 Resp: 157028

Ion Ratio Lower Upper

105 100

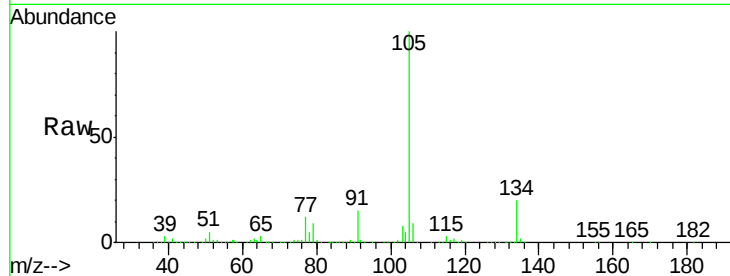
134 20.8 10.4 31.4

Manual Integrations

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8/8/2019 10:56:56 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

150000

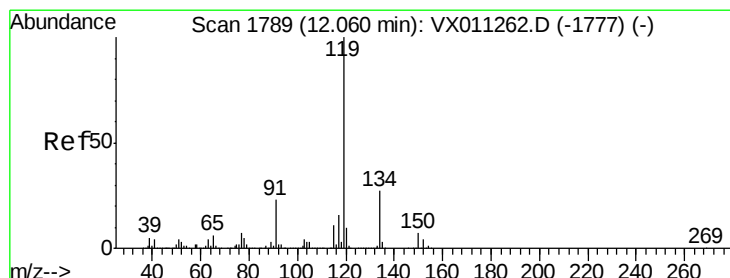
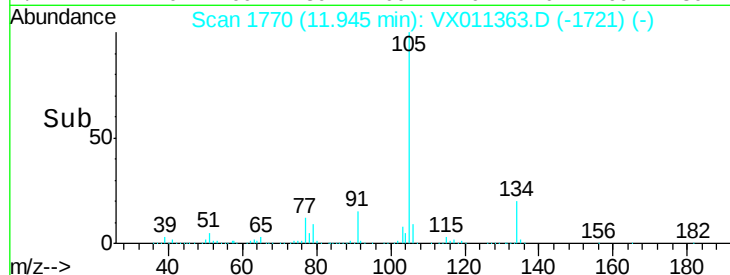
11.94

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.625 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011363.D

Acq: 07 Aug 2019 15:07

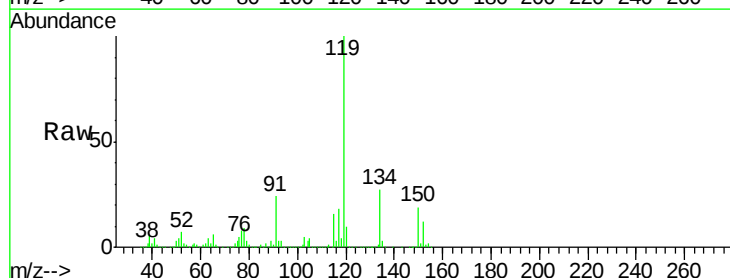
Tgt Ion:119 Resp: 143744

Ion Ratio Lower Upper

119 100

134 26.9 13.7 41.0

91 23.5 11.4 34.2



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

150000

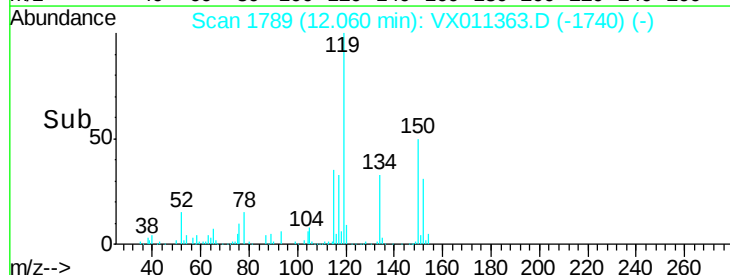
12.06

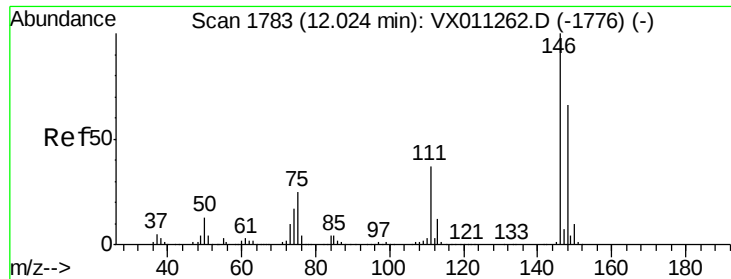
100000

50000

0

Time-->





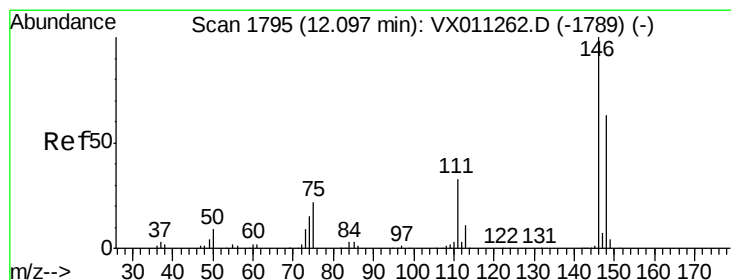
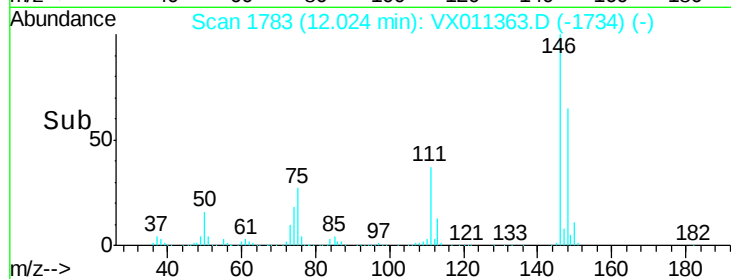
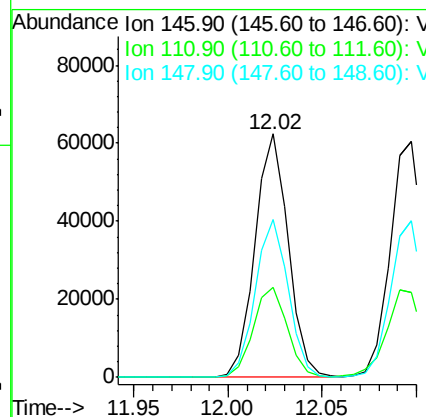
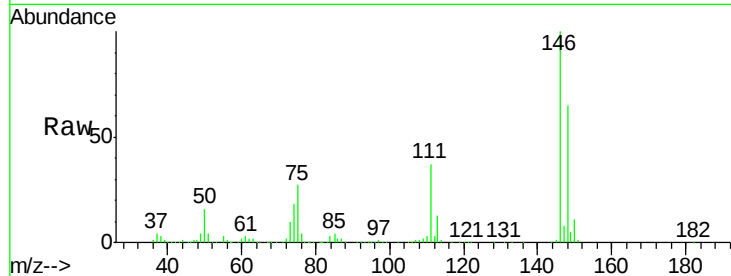
#87  
 1,3-Dichlorobenzene  
 Concen: 19.268 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. 0.00 min  
 Lab File: VX011363.D  
 Acq: 07 Aug 2019 15:07

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0807WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.1  | 18.6  | 55.8  |
| 148     | 64.5  | 32.5  | 97.5  |

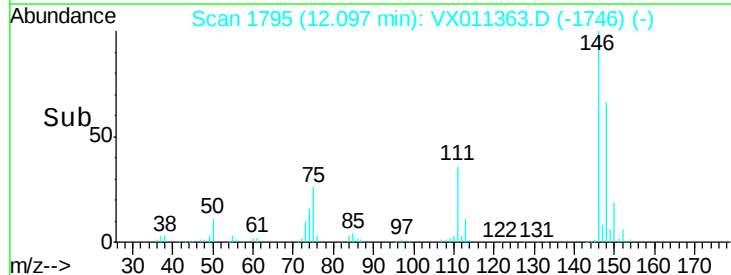
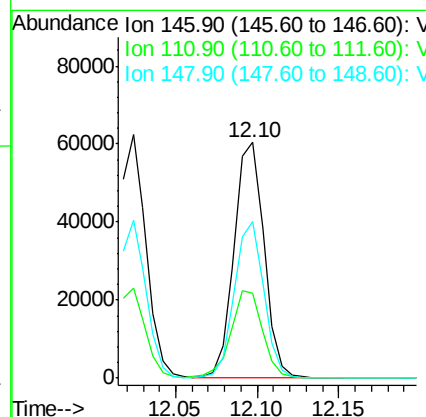
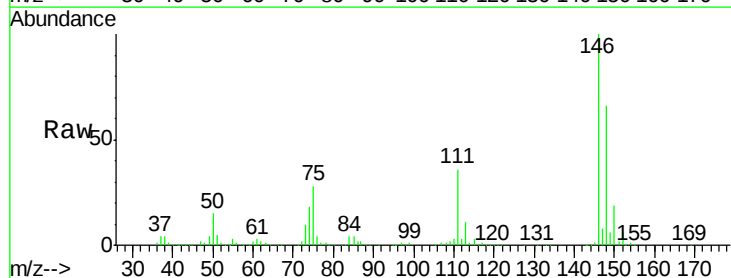
Manual Integrations  
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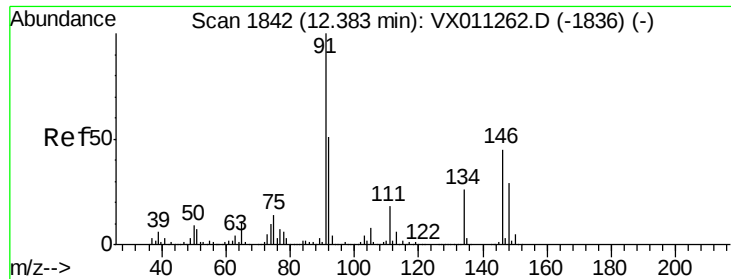
MMDadoda  
 8/8/2019 10:56:56 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 18.953 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. 0.00 min  
 Lab File: VX011363.D  
 Acq: 07 Aug 2019 15:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.8  | 17.8  | 53.4  |
| 148     | 65.5  | 31.8  | 95.3  |





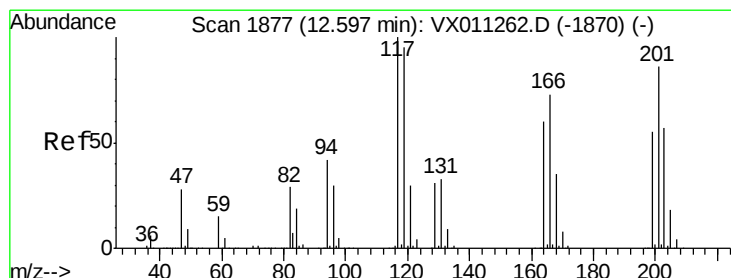
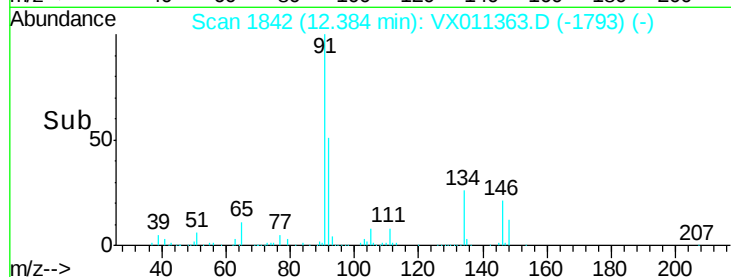
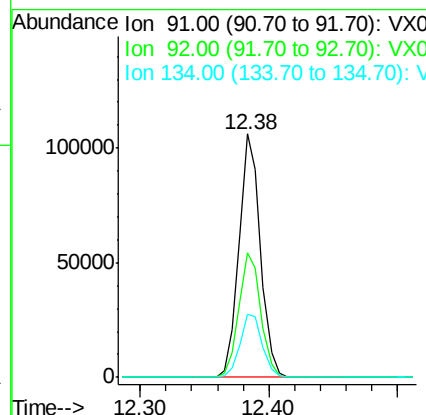
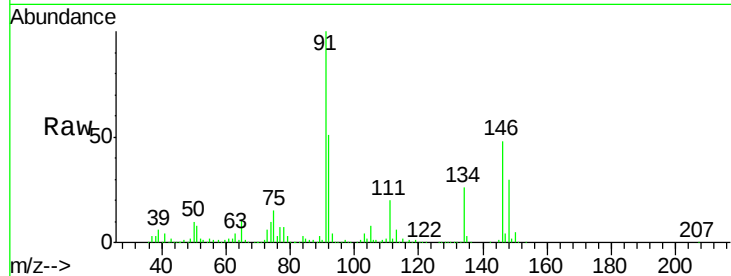
#89  
n-Butylbenzene  
Concen: 19.578 ug/l  
RT: 12.38 min Scan# 1842  
Delta R.T. 0.00 min  
Lab File: VX011363.D  
Acq: 07 Aug 2019 15:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 91      | 100   | 123544 |       |       |
| 92      | 52.4  | 25.8   | 77.3  |       |
| 134     | 26.7  | 13.7   | 41.0  |       |

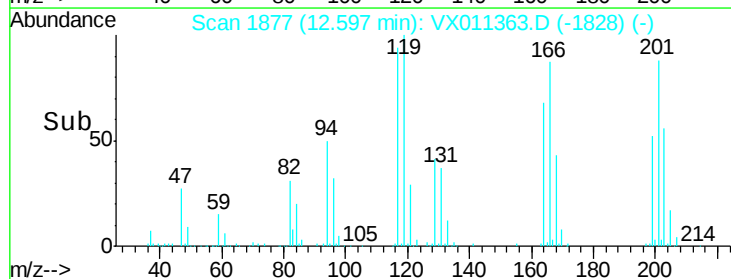
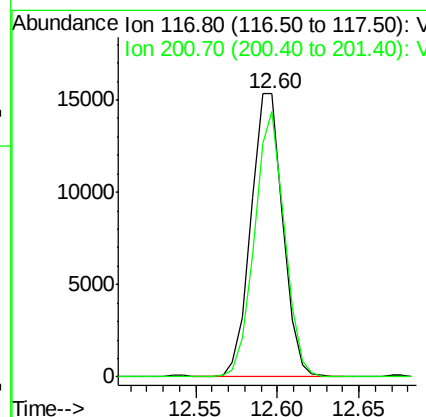
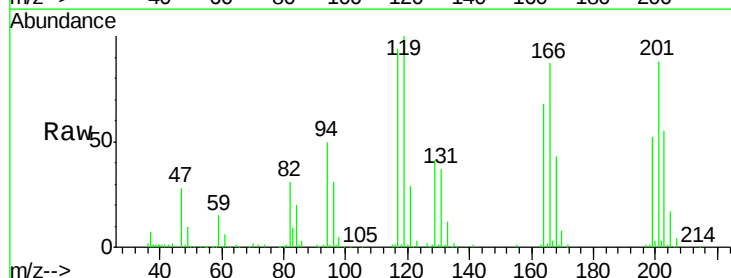
Manual Integrations  
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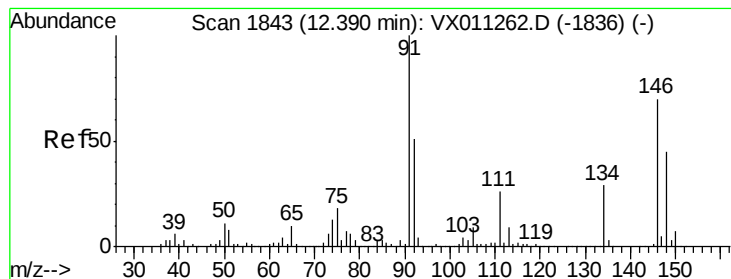
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8/8/2019 10:56:56 AM



#90  
Hexachloroethane  
Concen: 19.395 ug/l  
RT: 12.60 min Scan# 1877  
Delta R.T. 0.00 min  
Lab File: VX011363.D  
Acq: 07 Aug 2019 15:07

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 21002 |       |       |
| 201     | 87.6  | 41.8  | 125.4 |       |





#91

1,2-Dichlorobenzene

Concen: 19.371 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX011363.D

Acq: 07 Aug 2019 15:07

Instrument :

MSVOA\_X

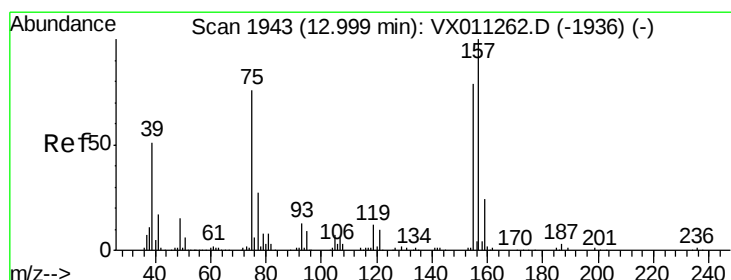
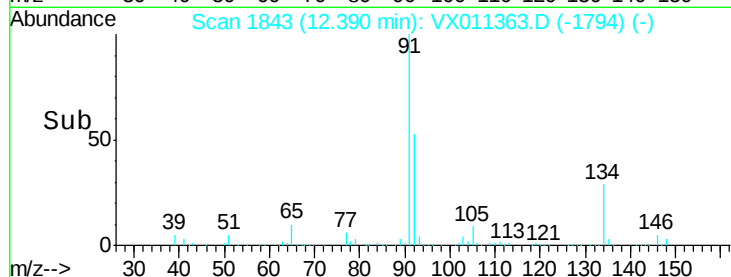
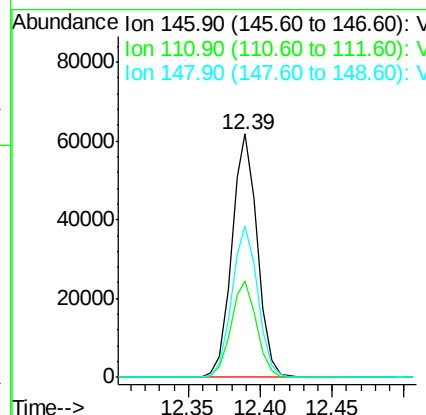
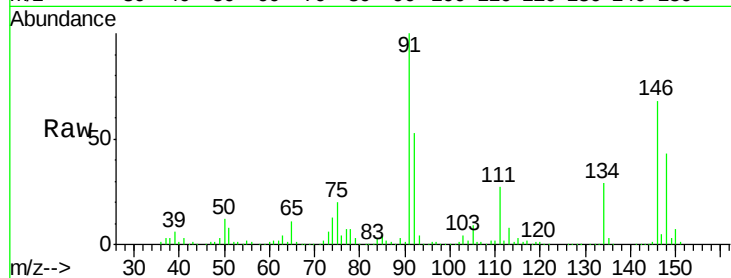
ClientSampleId :

VX0807WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 146   | Resp: | 76969 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 111       | 39.6  | 19.1  | 57.1  |
| 148       | 63.2  | 32.3  | 96.8  |

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#92

1,2-Dibromo-3-Chloropropane

Concen: 21.419 ug/l

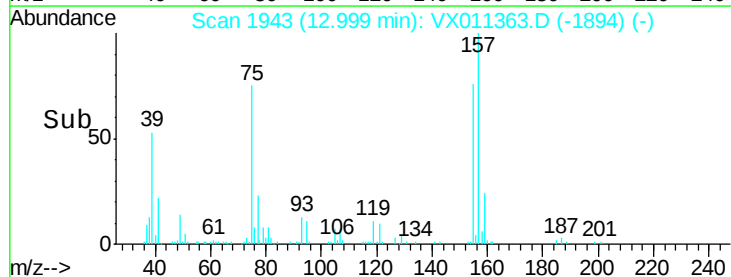
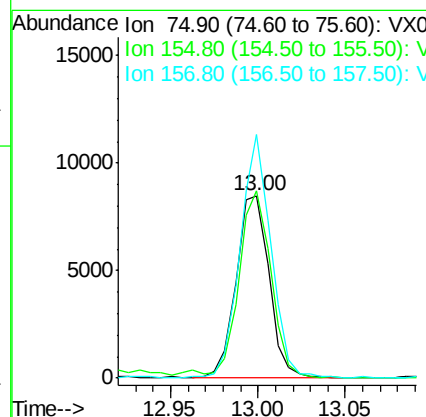
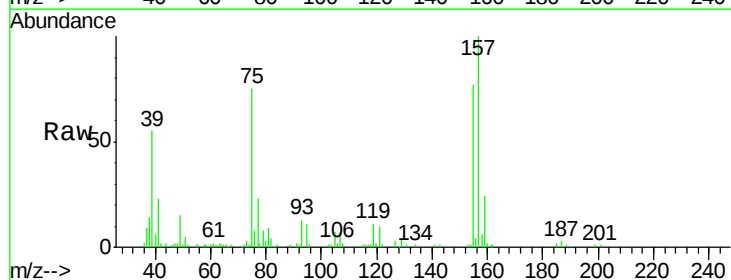
RT: 13.00 min Scan# 1943

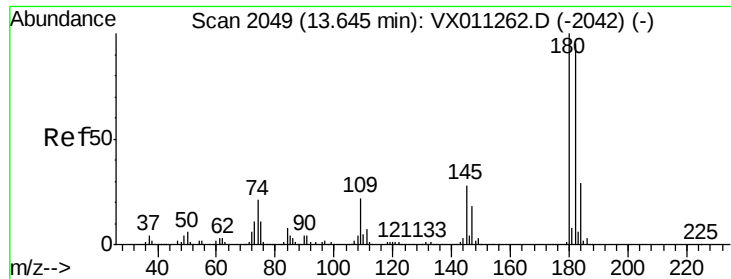
Delta R.T. 0.00 min

Lab File: VX011363.D

Acq: 07 Aug 2019 15:07

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 11162 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 102.4 | 51.9  | 155.8 |
| 157       | 124.7 | 64.3  | 192.7 |





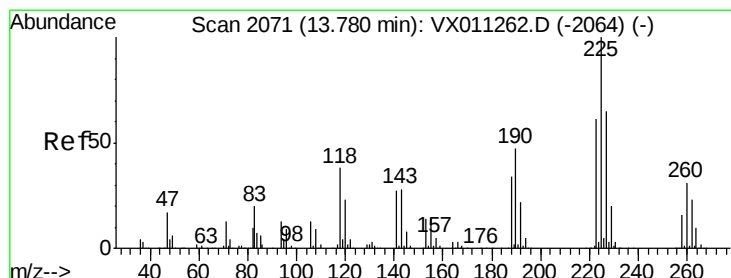
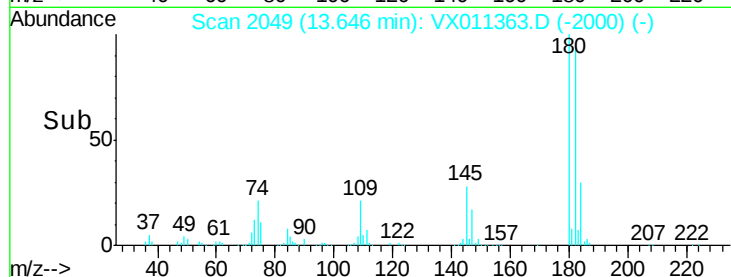
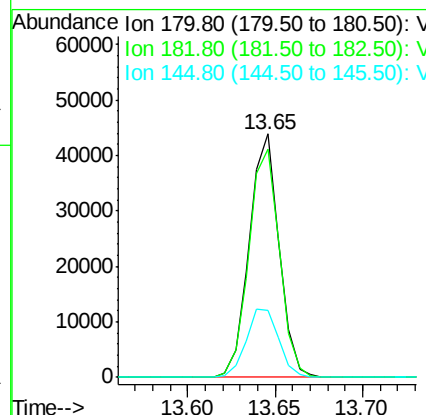
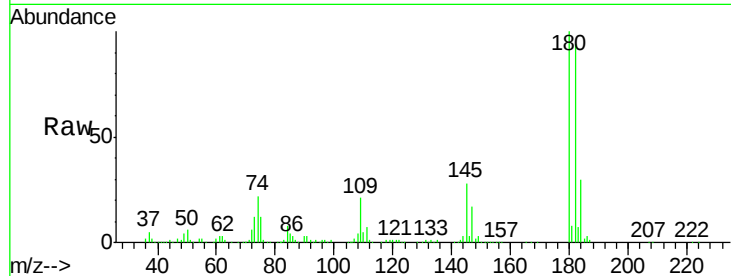
#93  
 1,2,4-Trichlorobenzene  
 Concen: 19.708 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. 0.00 min  
 Lab File: VX011363.D  
 Acq: 07 Aug 2019 15:07

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0807WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.2  | 47.8  | 143.4 |
| 145     | 30.6  | 14.8  | 44.3  |

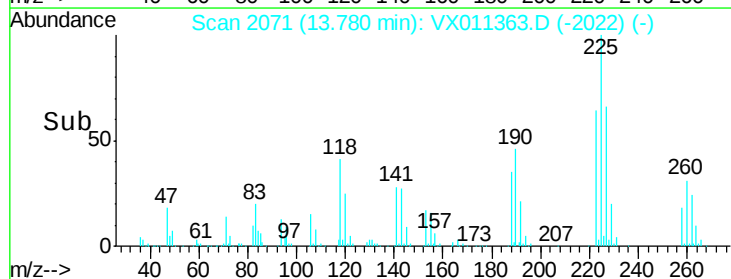
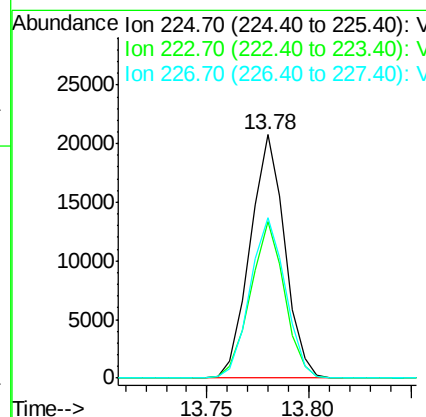
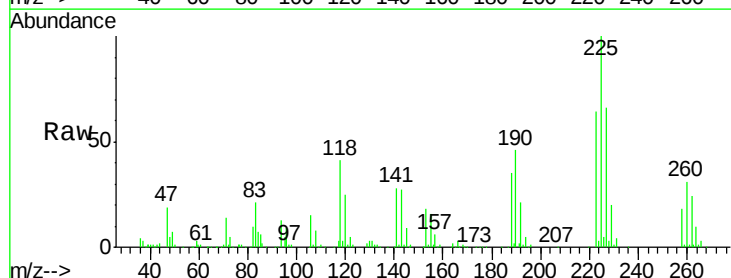
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#94  
 Hexachlorobutadiene  
 Concen: 18.351 ug/l  
 RT: 13.78 min Scan# 2071  
 Delta R.T. 0.00 min  
 Lab File: VX011363.D  
 Acq: 07 Aug 2019 15:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.1  | 31.0  | 93.0  |
| 227     | 67.0  | 32.2  | 96.6  |





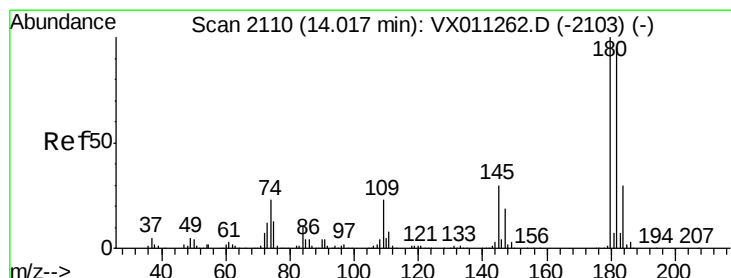
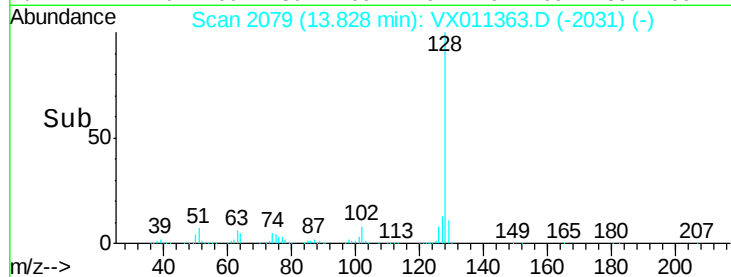
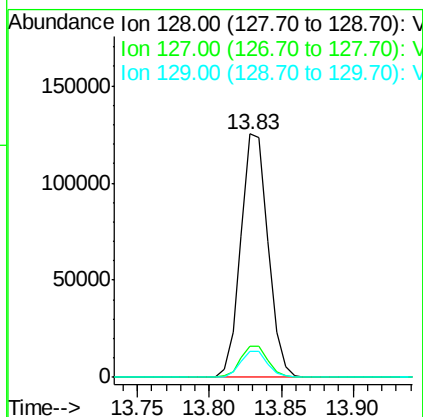
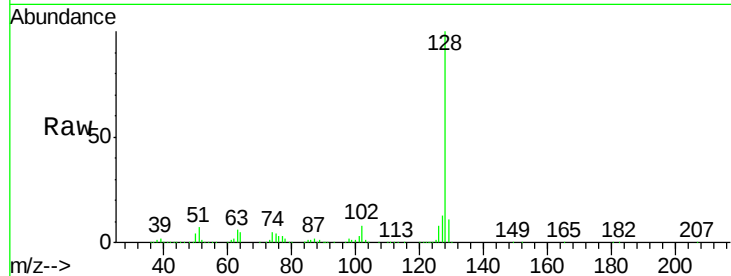
#95  
Naphthalene  
Concen: 21.358 ug/l  
RT: 13.83 min Scan# 2079  
Delta R.T. -0.01 min  
Lab File: VX011363.D  
Acq: 07 Aug 2019 15:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.1  | 10.4  | 15.6  |
| 129     | 10.9  | 8.9   | 13.3  |

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 20.243 ug/l  
RT: 14.02 min Scan# 2110  
Delta R.T. 0.00 min  
Lab File: VX011363.D  
Acq: 07 Aug 2019 15:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.0  | 47.4  | 142.3 |
| 145     | 31.1  | 15.2  | 45.6  |

