

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111820\  
 Data File : VN064714.D  
 Acq On : 18 Nov 2020 18:12  
 Operator : JC/MD  
 Sample : VN1118WBSD01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1118WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 11/19/2020 2:11:03 PM

Quant Time: Nov 19 02:14:57 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N111820W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 18 15:29:54 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.62  | 168  | 266572   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 479773   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 445514   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 201296   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 7.99   | 65  | 232006   | 49.47 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.94% |      |
| 35) Dibromofluoromethane  | 7.55   | 113 | 132057   | 48.36 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.72% |      |
| 50) Toluene-d8            | 10.06  | 98  | 589173   | 47.47 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 94.94% |      |
| 62) 4-Bromofluorobenzene  | 12.37  | 95  | 218717   | 47.15 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 94.30% |      |

## Target Compounds

|                               |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 60816  | 18.258  | ug/l   | 95     |
| 3) Chloromethane              | 2.04 | 50  | 68116  | 18.494  | ug/l   | 97     |
| 4) Vinyl Chloride             | 2.17 | 62  | 70272  | 18.285  | ug/l   | 94     |
| 5) Bromomethane               | 2.54 | 94  | 53405  | 18.950  | ug/l   | 94     |
| 6) Chloroethane               | 2.68 | 64  | 49550  | 19.109  | ug/l   | 95     |
| 7) Trichlorofluoromethane     | 2.99 | 101 | 129598 | 18.828  | ug/l   | 95     |
| 8) Diethyl Ether              | 3.37 | 74  | 44046  | 19.832  | ug/l   | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.72 | 101 | 56215  | 18.898  | ug/l   | 98     |
| 10) Methyl Iodide             | 3.91 | 142 | 65329  | 18.373  | ug/l   | 99     |
| 11) Tert butyl alcohol        | 4.74 | 59  | 46738  | 102.732 | ug/l # | 79     |
| 12) 1,1-Dichloroethene        | 3.69 | 96  | 53711  | 18.741  | ug/l   | 95     |
| 13) Acrolein                  | 3.57 | 56  | 13209  | 124.011 | ug/l   | 100    |
| 14) Allyl chloride            | 4.28 | 41  | 95285  | 19.363  | ug/l   | 98     |
| 15) Acrylonitrile             | 4.94 | 53  | 130394 | 97.608  | ug/l   | 99     |
| 16) Acetone                   | 3.78 | 43  | 116011 | 105.241 | ug/l   | 97     |
| 17) Carbon Disulfide          | 4.01 | 76  | 155040 | 18.684  | ug/l   | 98     |
| 18) Methyl Acetate            | 4.28 | 43  | 63192  | 19.207  | ug/l   | 97     |
| 19) Methyl tert-butyl Ether   | 4.99 | 73  | 183471 | 19.132  | ug/l   | 100    |
| 20) Methylene Chloride        | 4.50 | 84  | 64435  | 18.555  | ug/l   | 96     |
| 21) trans-1,2-Dichloroethene  | 4.99 | 96  | 57766  | 18.064  | ug/l   | 98     |
| 22) Diisopropyl ether         | 5.90 | 45  | 198549 | 19.105  | ug/l   | 96     |
| 23) Vinyl Acetate             | 5.85 | 43  | 814409 | 97.104  | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 5.80 | 63  | 117678 | 19.327  | ug/l   | 99     |
| 25) 2-Butanone                | 6.78 | 43  | 183972 | 102.613 | ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 6.78 | 77  | 107099 | 18.511  | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene    | 6.78 | 96  | 67644  | 19.186  | ug/l   | 99     |
| 28) Bromochloromethane        | 7.15 | 49  | 56963  | 18.555  | ug/l   | 99     |
| 29) Tetrahydrofuran           | 7.17 | 42  | 119442 | 98.600  | ug/l   | 99     |
| 30) Chloroform                | 7.33 | 83  | 124988 | 18.890  | ug/l   | 94     |
| 31) Cyclohexane               | 7.61 | 56  | 92220  | 18.190  | ug/l   | 96     |
| 32) 1,1,1-Trichloroethane     | 7.53 | 97  | 112878 | 18.664  | ug/l   | 100    |
| 36) 1,1-Dichloropropene       | 7.75 | 75  | 87748  | 17.777  | ug/l   | 99     |
| 37) Ethyl Acetate             | 6.88 | 43  | 85157  | 20.604  | ug/l   | 99     |
| 38) Carbon Tetrachloride      | 7.73 | 117 | 97774  | 18.639  | ug/l   | 96     |

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 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1118WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 11/19/2020 2:11:03 PM

Quant Time: Nov 19 02:14:57 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N111820W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 18 15:29:54 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.05  | 83   | 77775    | 17.783  | ug/l   | 95       |
| 40) Benzene                    | 8.00  | 78   | 257695   | 18.737  | ug/l   | 97       |
| 41) Methacrylonitrile          | 7.12  | 41   | 40943    | 21.613  | ug/l   | 93       |
| 42) 1,2-Dichloroethane         | 8.09  | 62   | 111032   | 18.764  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.13  | 43   | 146721   | 18.315  | ug/l   | 99       |
| 44) Trichloroethene            | 8.80  | 130  | 70778    | 17.932  | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 9.08  | 63   | 68348    | 18.644  | ug/l   | 100      |
| 46) Dibromomethane             | 9.17  | 93   | 48792    | 18.776  | ug/l   | 97       |
| 47) Bromodichloromethane       | 9.37  | 83   | 103287   | 18.907  | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.17  | 41   | 68721    | 18.181  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.17  | 88   | 19823    | 420.347 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43   | 429300   | 92.726  | ug/l   | 100      |
| 52) Toluene                    | 10.12 | 92   | 163132   | 19.259  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.35 | 75   | 105081   | 17.973  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.81  | 75   | 111085   | 18.452  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.53 | 97   | 64900    | 19.103  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 10.40 | 69   | 90195    | 17.983  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.68 | 76   | 110782   | 18.824  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.66  | 63   | 241109   | 88.144  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.72 | 43   | 307455   | 92.063  | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.87 | 129  | 72006    | 18.345  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 10.97 | 107  | 66396    | 18.323  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.60 | 164  | 74918    | 18.969  | ug/l   | 97       |
| 65) Chlorobenzene              | 11.40 | 112  | 172610   | 18.214  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.48 | 131  | 65806    | 18.584  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.48 | 91   | 303643   | 18.172  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.59 | 106  | 221811   | 35.425  | ug/l   | 100      |
| 69) o-Xylene                   | 11.92 | 106  | 106216   | 18.220  | ug/l   | 100      |
| 70) Styrene                    | 11.94 | 104  | 180794   | 17.632  | ug/l   | 98       |
| 71) Bromoform                  | 12.10 | 173  | 44127    | 17.693  | ug/l # | 96       |
| 73) Isopropylbenzene           | 12.22 | 105  | 280821   | 19.649  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.04 | 43   | 130862   | 19.606  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.48 | 83   | 76558    | 19.160  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.53 | 75   | 80146m   | 18.479  | ug/l   |          |
| 77) Bromobenzene               | 12.50 | 156  | 69983    | 19.415  | ug/l   | 98       |
| 78) n-propylbenzene            | 12.56 | 91   | 326119   | 19.594  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.65 | 91   | 198908   | 18.672  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.70 | 105  | 239617   | 20.183  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.27 | 75   | 30239    | 18.947  | ug/l   | 92       |
| 82) 4-Chlorotoluene            | 12.75 | 91   | 212784   | 18.733  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 12.96 | 119  | 187541   | 20.419  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 13.01 | 105  | 245123   | 20.230  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.14 | 105  | 246051   | 20.099  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.26 | 119  | 222474   | 19.760  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.26 | 146  | 119691   | 18.224  | ug/l   | 94       |
| 88) 1,4-Dichlorobenzene        | 13.33 | 146  | 124143   | 18.411  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.59 | 91   | 199314   | 18.963  | ug/l   | 98       |
| 90) Hexachloroethane           | 13.85 | 117  | 37451    | 20.121  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.63 | 146  | 119191   | 18.568  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.24 | 75   | 19900    | 18.978  | ug/l   | 98       |

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Sample : VN1118WBSD01  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1118WBSD01

Manual Integrations  
APPROVED

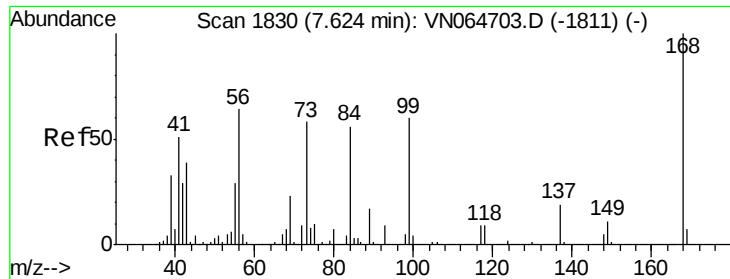
MMDadoda  
11/19/2020 2:11:03 PM

Quant Time: Nov 19 02:14:57 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N111820W.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 18 15:29:54 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.88 | 180  | 64500    | 19.307 | ug/l  | 97       |
| 94) Hexachlorobutadiene    | 14.98 | 225  | 26012    | 17.869 | ug/l  | 95       |
| 95) Naphthalene            | 15.10 | 128  | 212771   | 18.806 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.28 | 180  | 59638    | 18.295 | ug/l  | 98       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

Instrument :

MSVOA\_N

ClientSampleId :

VN1118WBSD01

Tot Ion:168 Resp: 266572

Ion Ratio Lower Upper

168 100

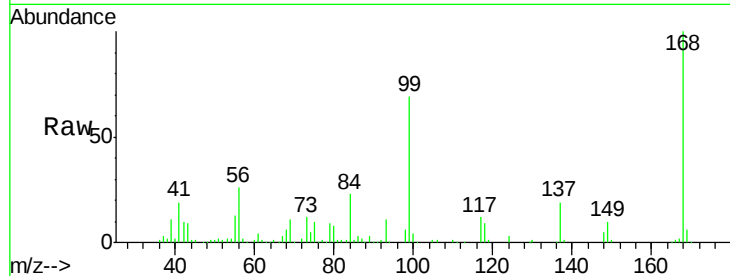
99 68.8 55.7 83.5

Manual Integrations

APPROVED

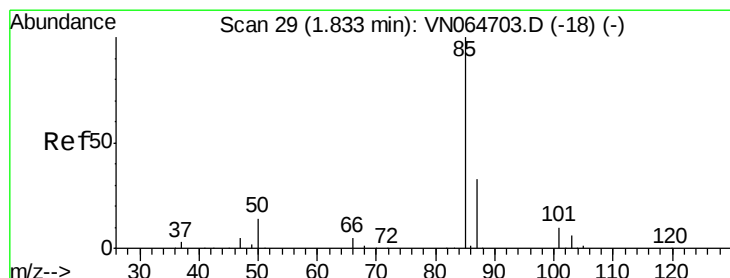
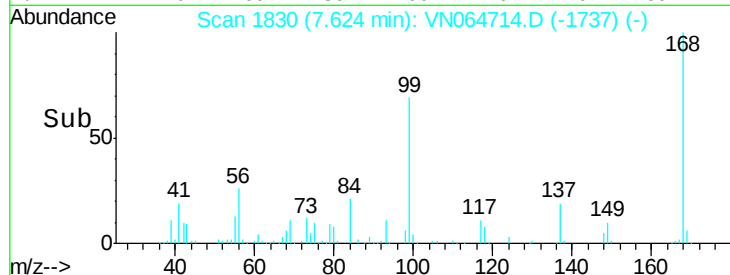
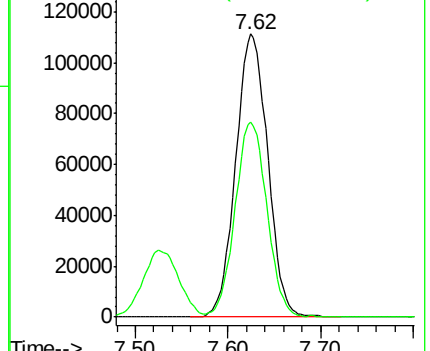
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 18.258 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064714.D

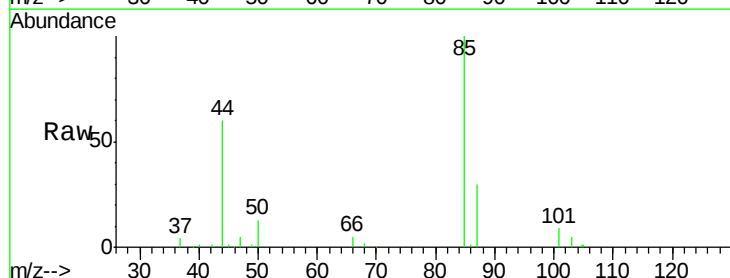
Acq: 18 Nov 2020 18:12

Tgt Ion: 85 Resp: 60816

Ion Ratio Lower Upper

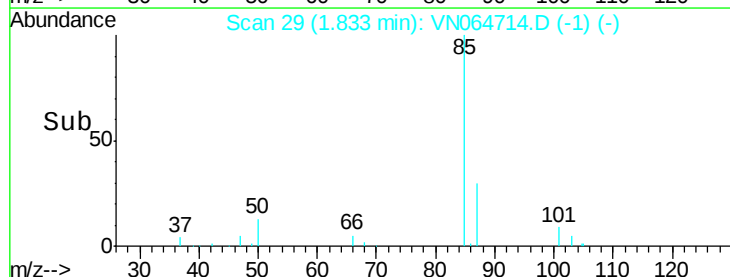
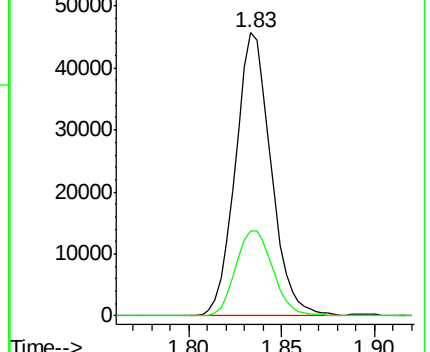
85 100

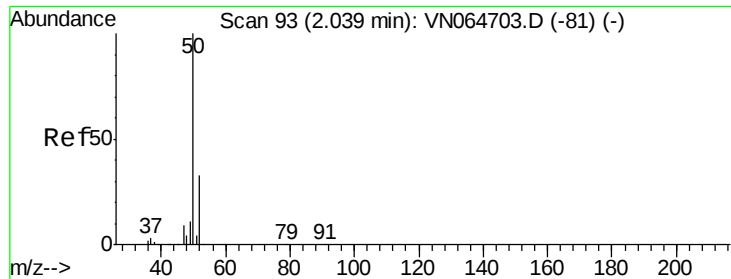
87 30.1 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 18.494 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

Instrument :

MSVOA\_N

ClientSampleId :

VN1118WBSD01

Tot Ion: 50 Resp: 68116

Ion Ratio Lower Upper

50 100

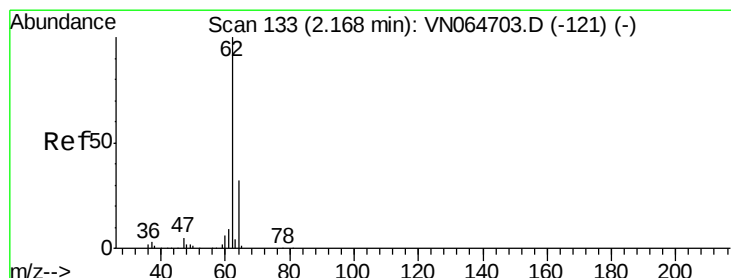
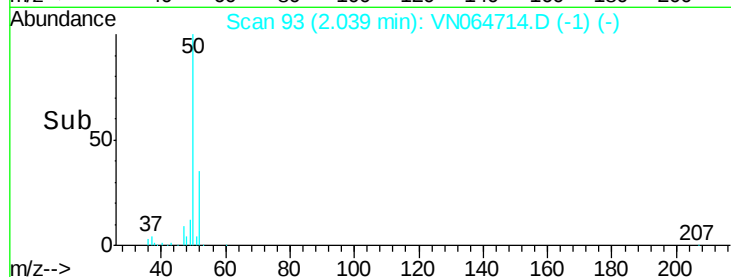
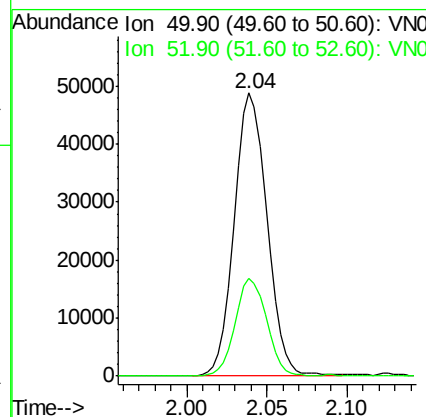
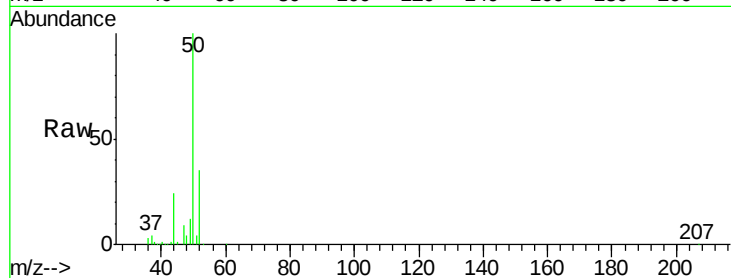
52 34.7 26.4 39.6

Manual Integrations

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11/19/2020 2:11:03 PM



#4

Vinyl Chloride

Concen: 18.285 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064714.D

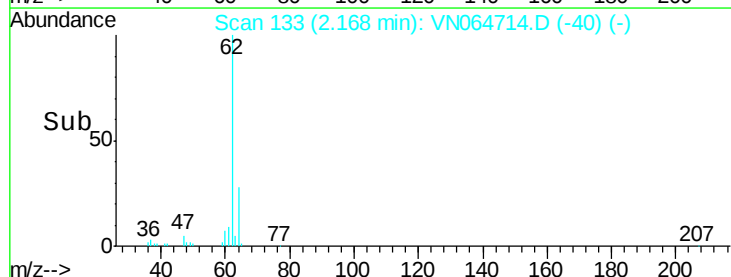
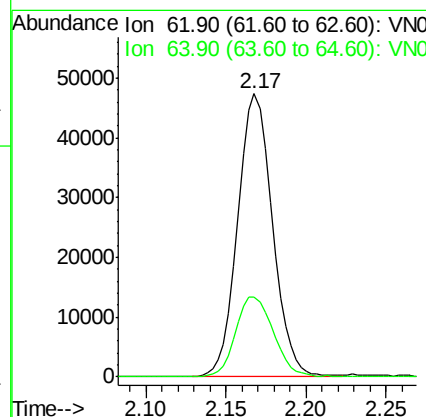
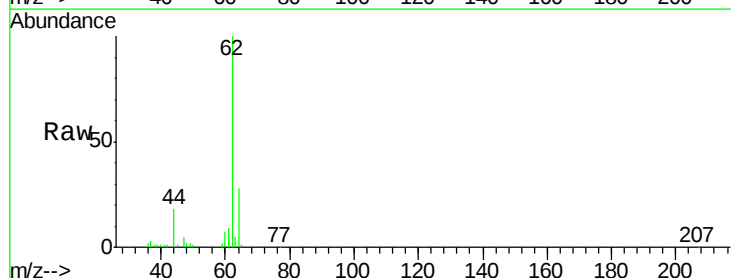
Acq: 18 Nov 2020 18:12

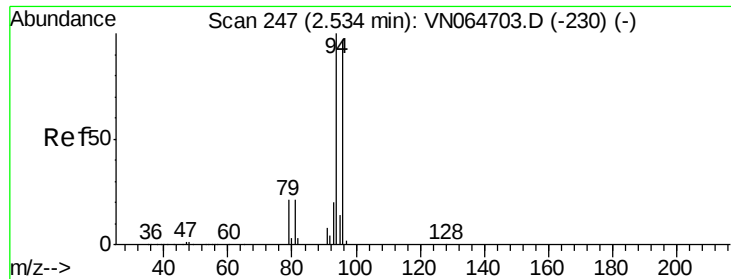
Tgt Ion: 62 Resp: 70272

Ion Ratio Lower Upper

62 100

64 28.2 25.2 37.8





#5

Bromomethane

Concen: 18.950 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

Instrument :

MSVOA\_N

ClientSampleId :

VN1118WBSD01

Tot Ion: 94 Resp: 53405

Ion Ratio Lower Upper

94 100

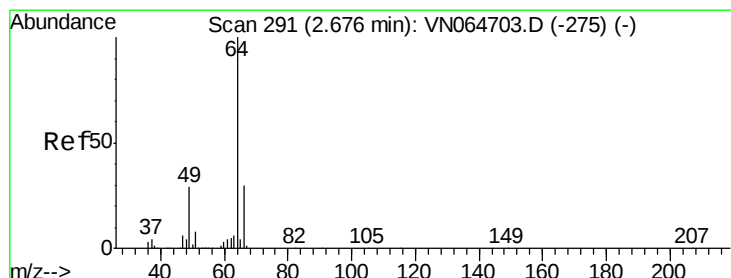
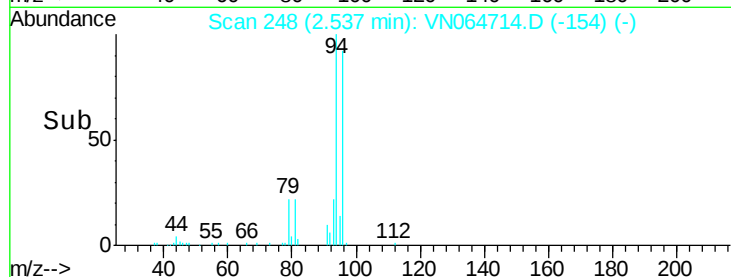
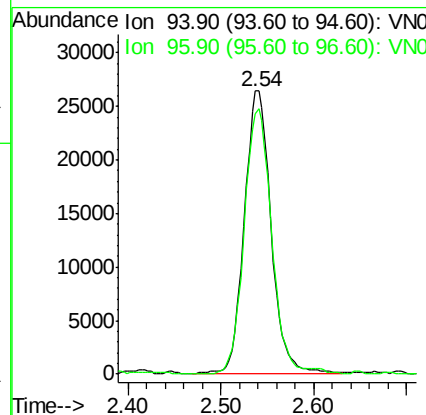
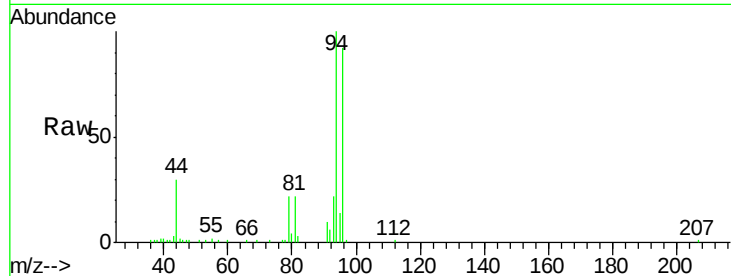
96 91.8 77.8 116.8

Manual Integrations

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11/19/2020 2:11:03 PM



#6

Chloroethane

Concen: 19.109 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN064714.D

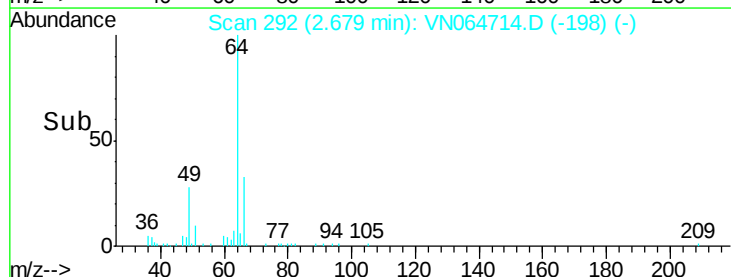
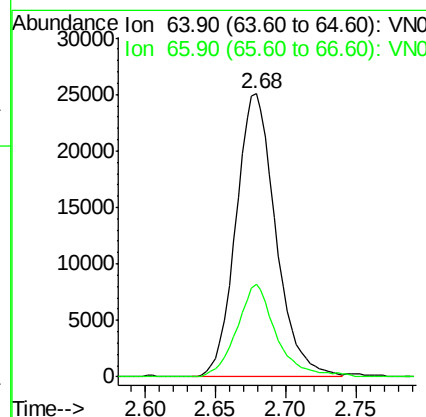
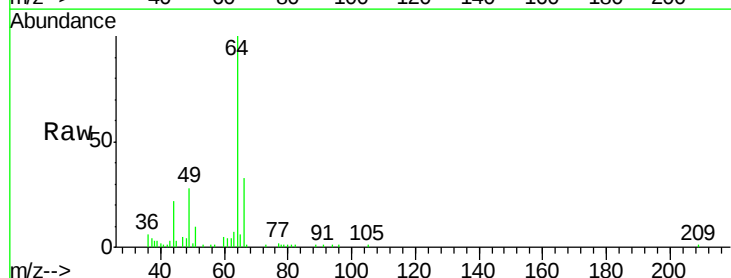
Acq: 18 Nov 2020 18:12

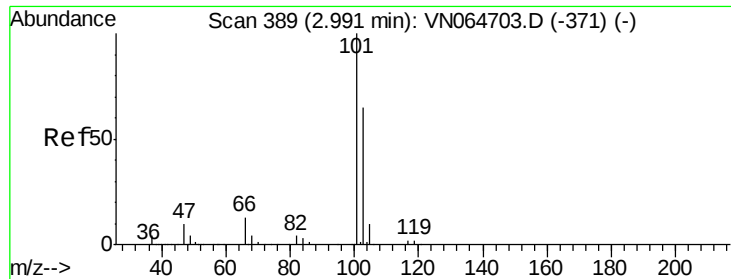
Tgt Ion: 64 Resp: 49550

Ion Ratio Lower Upper

64 100

66 32.9 24.2 36.2





#7

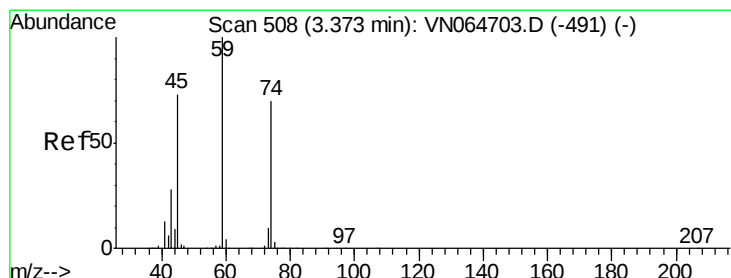
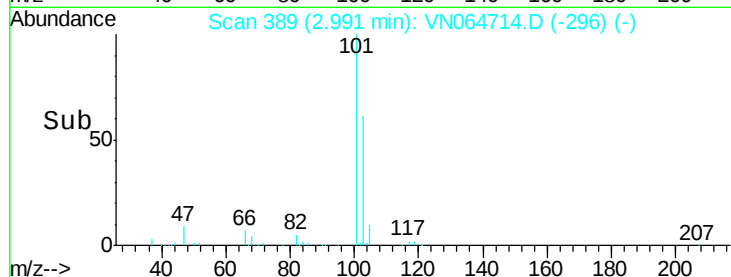
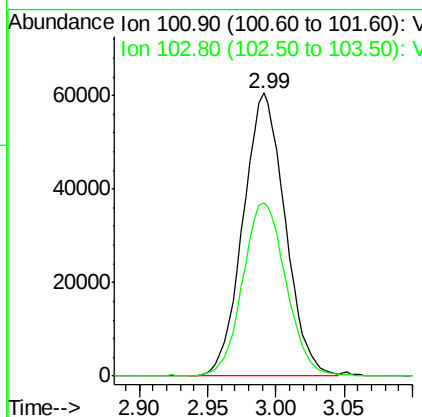
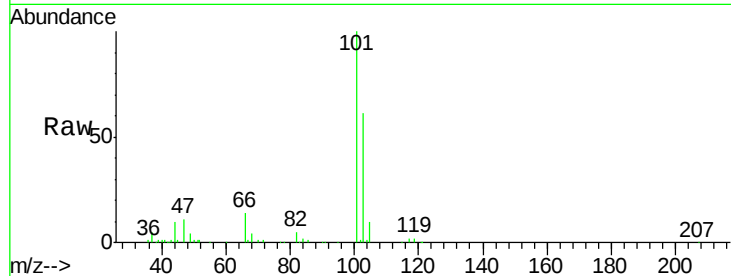
Trichlorofluoromethane  
 Concen: 18.828 ug/l  
 RT: 2.99 min Scan# 389  
 Delta R.T. -0.00 min  
 Lab File: VN064714.D  
 Acq: 18 Nov 2020 18:12

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1118WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 61.2  | 51.8  | 77.6  |

Manual Integrations  
 APPROVED

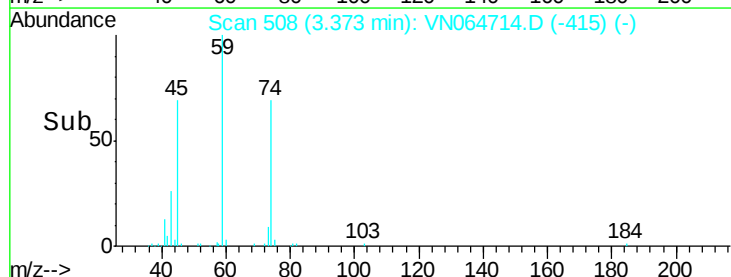
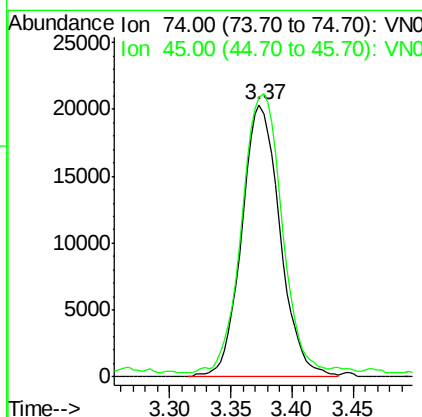
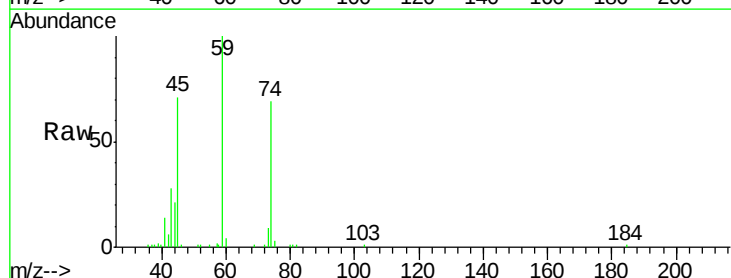
MMDadoda  
 11/19/2020 2:11:03 PM

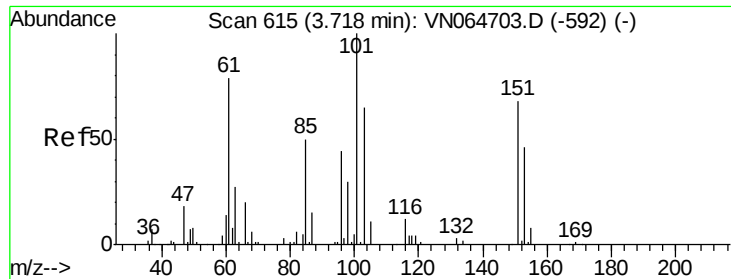


#8

Diethyl Ether  
 Concen: 19.832 ug/l  
 RT: 3.37 min Scan# 508  
 Delta R.T. -0.00 min  
 Lab File: VN064714.D  
 Acq: 18 Nov 2020 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 107.7 | 52.8  | 158.5 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.898 ug/l

RT: 3.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

Instrument :

MSVOA\_N

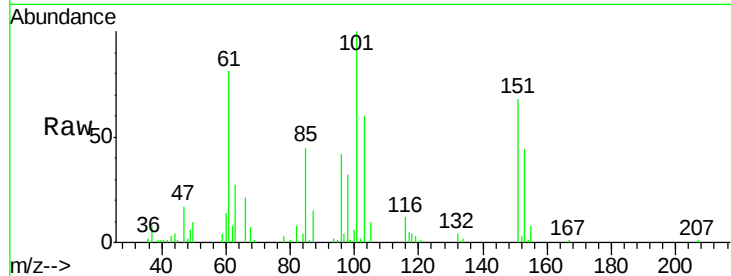
ClientSampleId :

VN1118WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 56215 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 49.4  | 39.0  | 58.4  |
| 151       | 70.0  | 57.2  | 85.8  |

Manual Integrations  
APPROVED

MMDadoda  
11/19/2020 2:11:03 PM

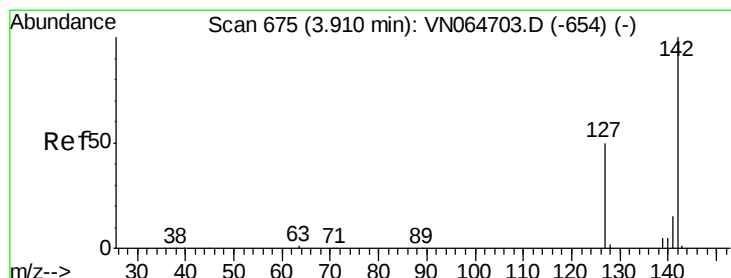
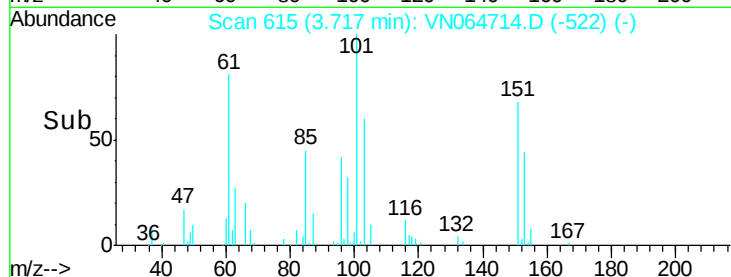
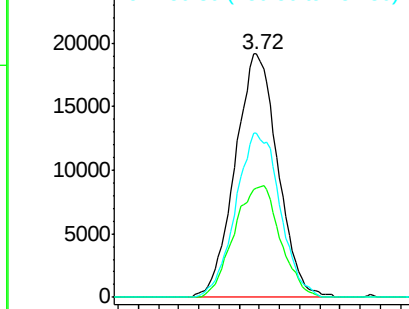


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.373 ug/l

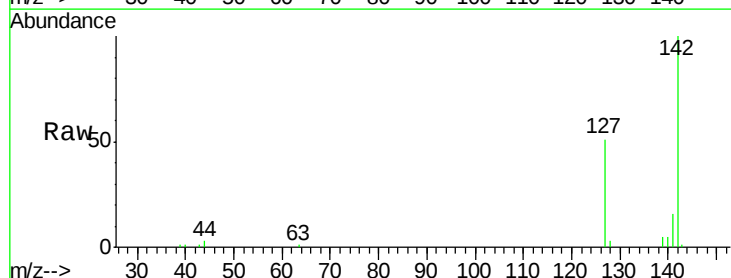
RT: 3.91 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 65329 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 53.0  | 42.0  | 63.0  |
| 141       | 14.9  | 12.1  | 18.1  |

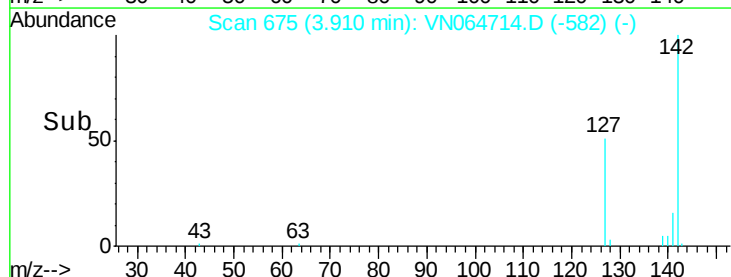
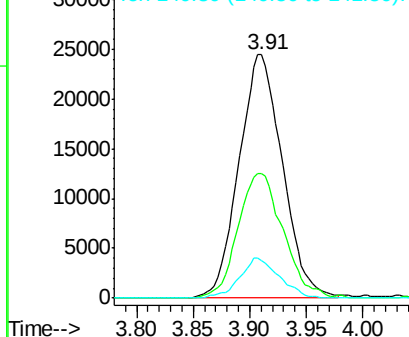


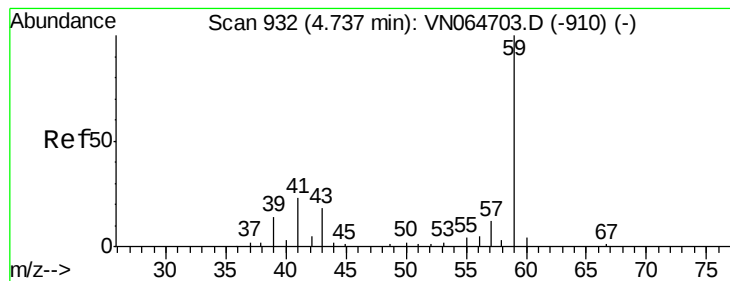
Abundance

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

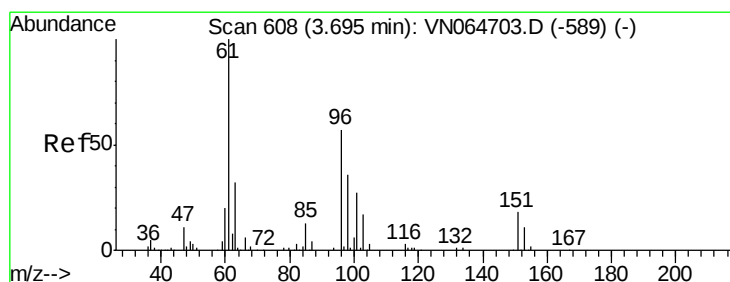
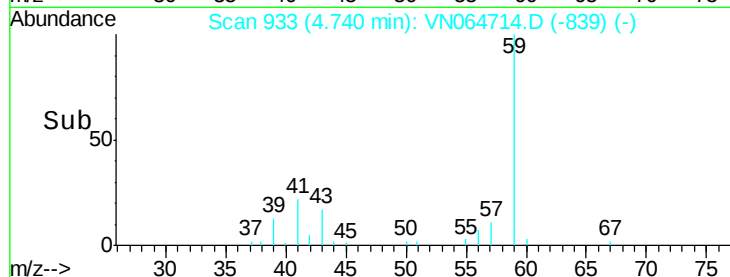
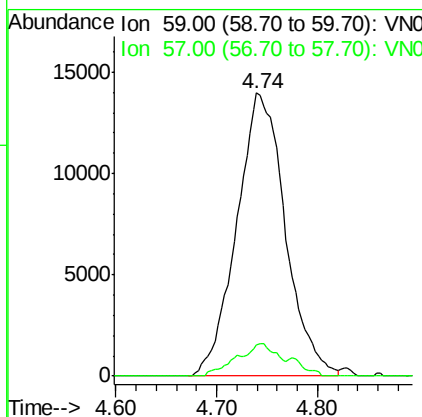
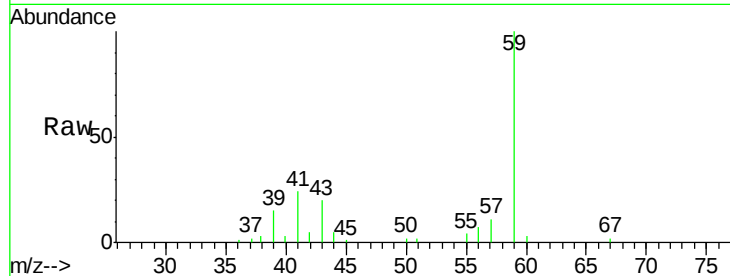
Tert butyl alcohol  
 Concen: 102.732 ug/l  
 RT: 4.74 min Scan# 933  
 Delta R.T. 0.00 min  
 Lab File: VN064714.D  
 Acq: 18 Nov 2020 18:12

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1118WBSD01

Tot Ion: 59 Resp: 46738  
 Ion Ratio Lower Upper  
 59 100  
 57 3.5 9.1 13.7#

Manual Integrations  
 APPROVED

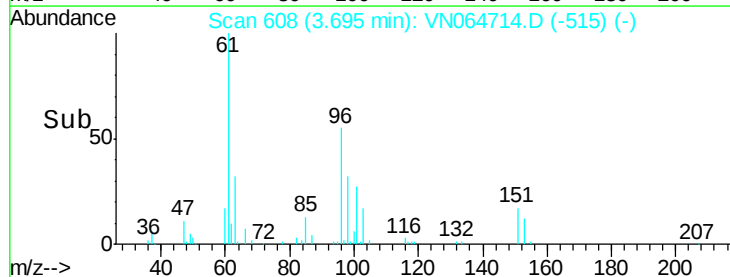
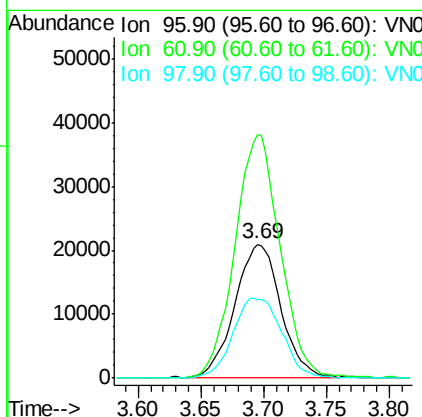
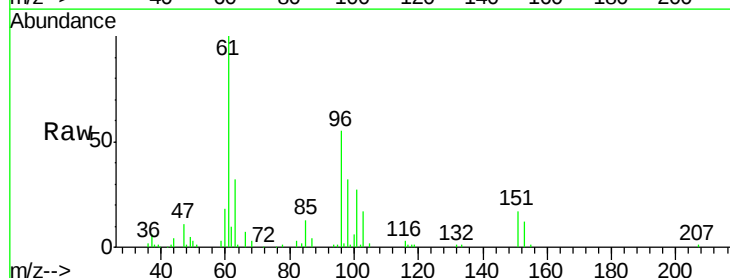
MMDadoda  
 11/19/2020 2:11:03 PM

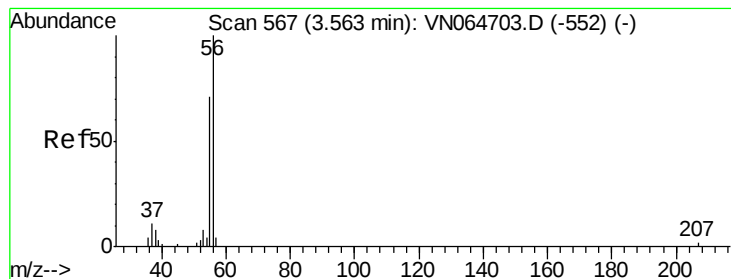


#12

1,1-Dichloroethene  
 Concen: 18.741 ug/l  
 RT: 3.69 min Scan# 608  
 Delta R.T. -0.00 min  
 Lab File: VN064714.D  
 Acq: 18 Nov 2020 18:12

Tgt Ion: 96 Resp: 53711  
 Ion Ratio Lower Upper  
 96 100  
 61 180.7 139.1 208.7  
 98 58.7 50.2 75.2





#13

Acrolein

Concen: 124.011 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.01 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

Instrument :

MSVOA\_N

ClientSampleId :

VN1118WBSD01

Tot Ion: 56 Resp: 13209

Ion Ratio Lower Upper

56 100

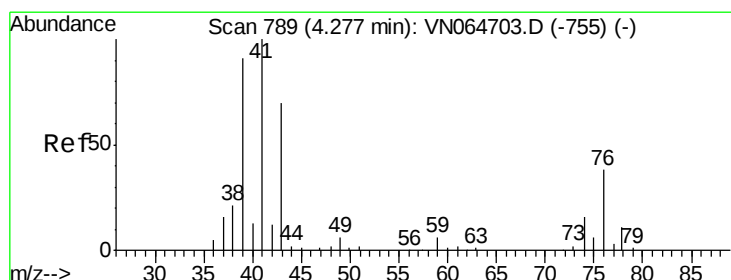
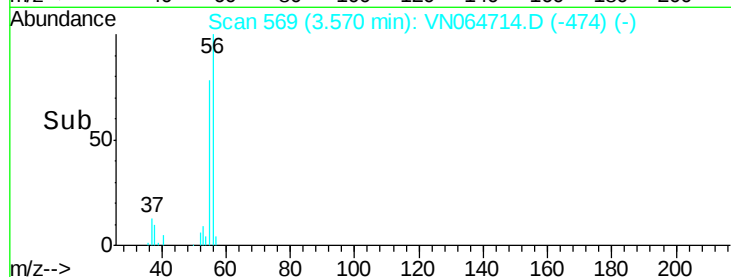
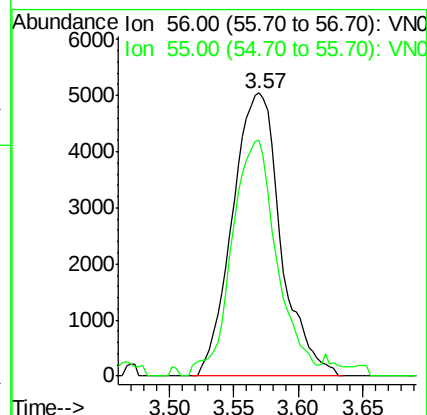
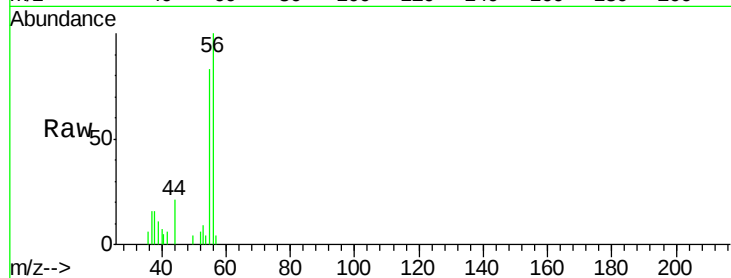
55 77.0 61.8 92.6

Manual Integrations

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#14

Allyl chloride

Concen: 19.363 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

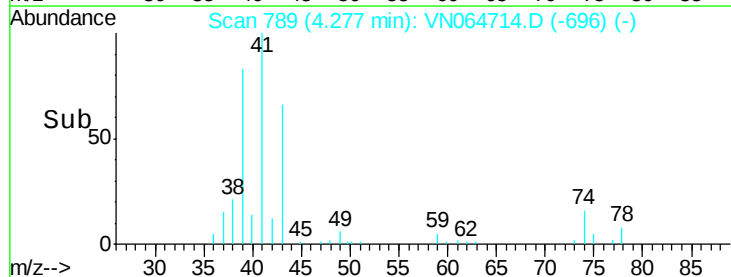
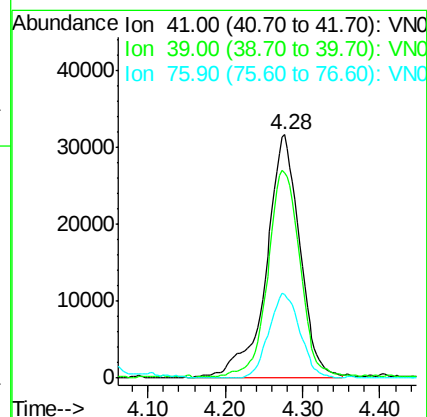
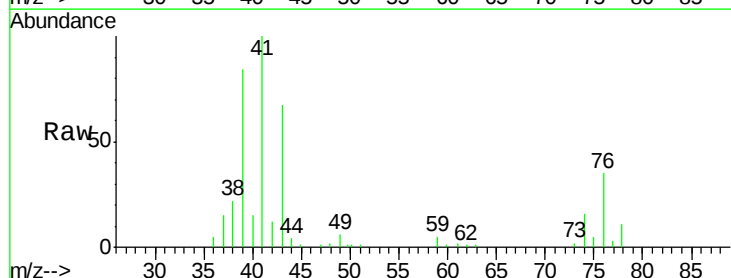
Tgt Ion: 41 Resp: 95285

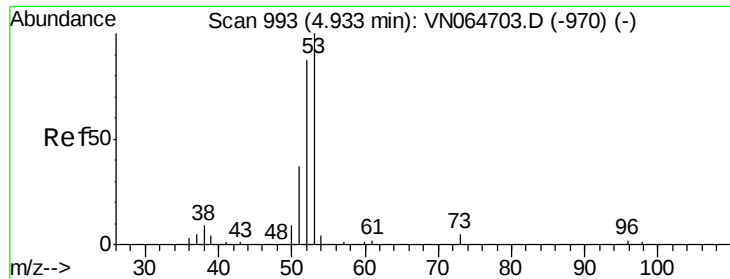
Ion Ratio Lower Upper

41 100

39 80.7 66.1 99.1

76 32.2 26.6 40.0





#15

Acrylonitrile

Concen: 97.608 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

Instrument :

MSVOA\_N

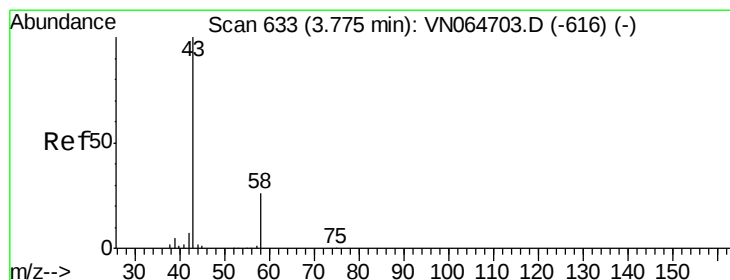
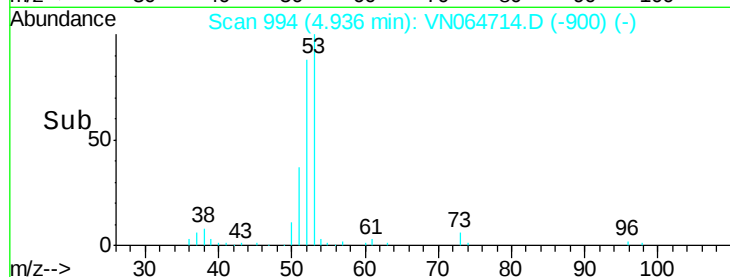
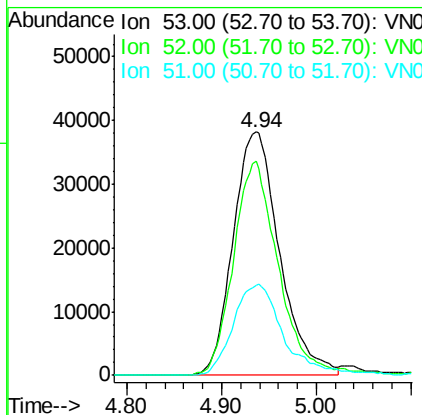
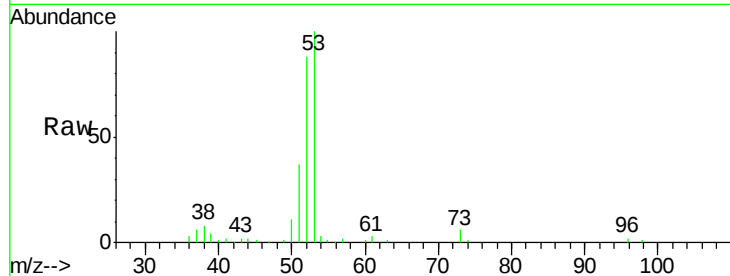
ClientSampleId :

VN1118WBSD01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 130394 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 83.8  | 67.2  | 100.8  |
| 51       | 40.1  | 31.0  | 46.6   |

Manual Integrations  
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11/19/2020 2:11:03 PM



#16

Acetone

Concen: 105.241 ug/l

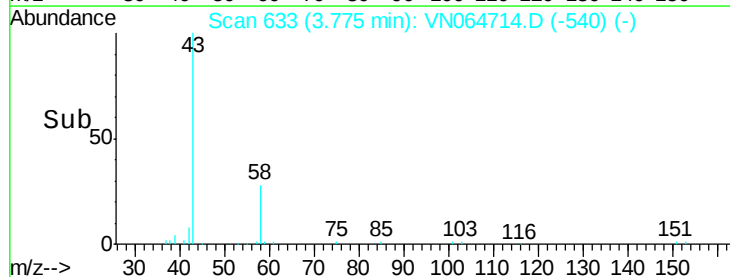
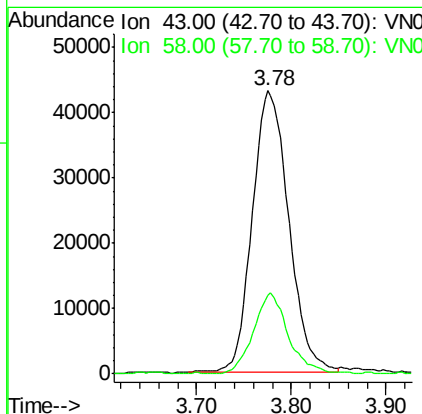
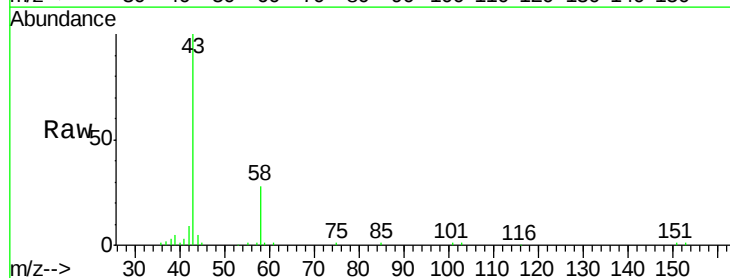
RT: 3.78 min Scan# 633

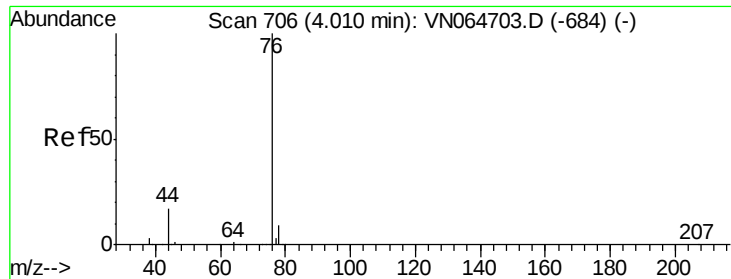
Delta R.T. 0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 116011 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 28.1  | 21.2  | 31.8   |





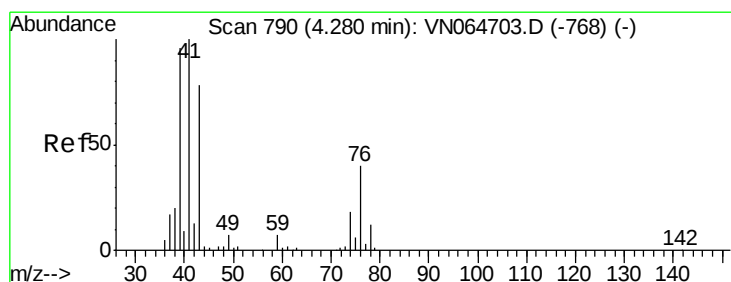
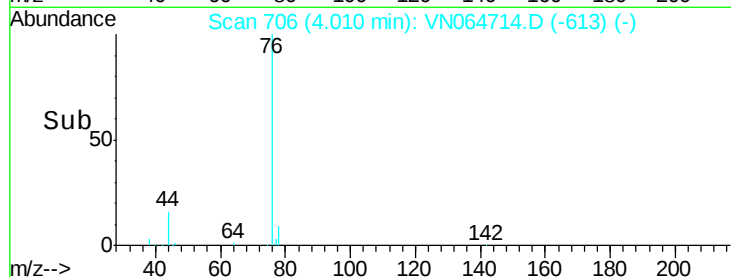
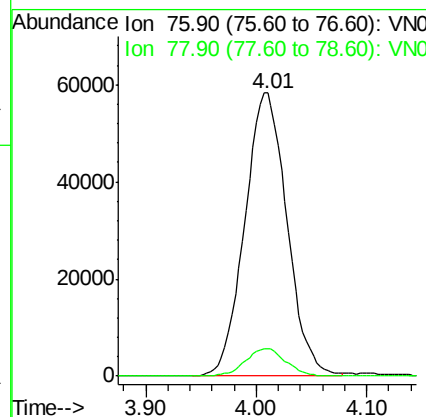
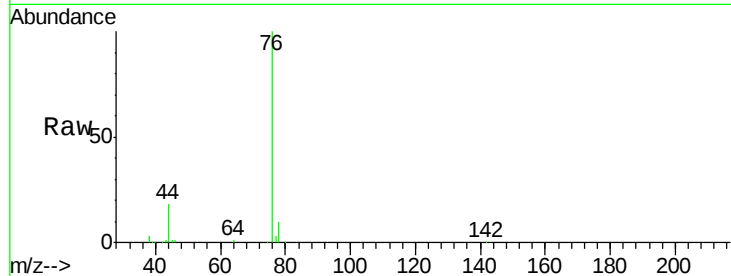
#17  
Carbon Disulfide  
Concen: 18.684 ug/l  
RT: 4.01 min Scan# 706  
Delta R.T. 0.00 min  
Lab File: VN064714.D  
Acq: 18 Nov 2020 18:12

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1118WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.8   | 7.1   | 10.7  |

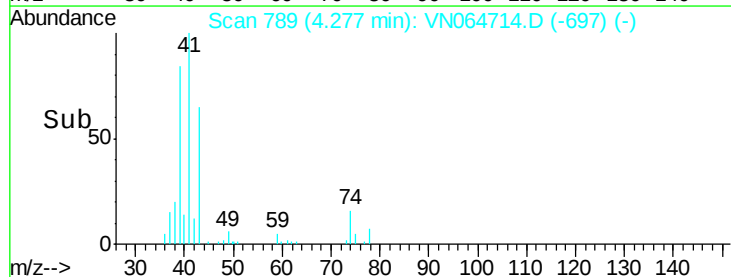
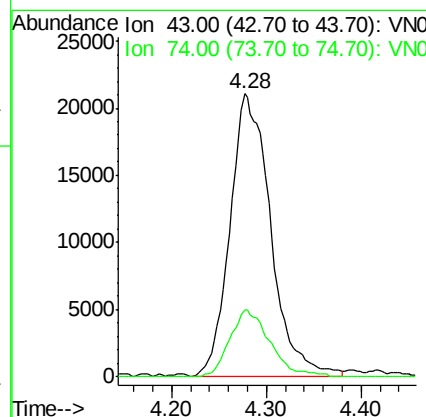
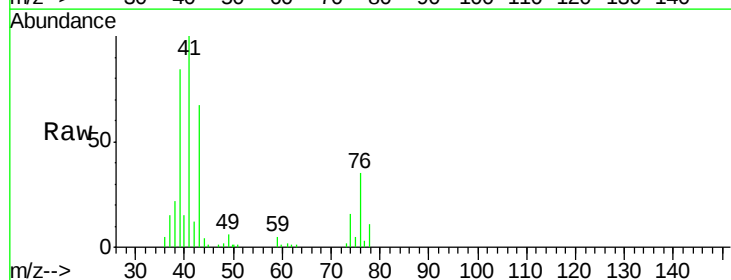
Manual Integrations  
APPROVED

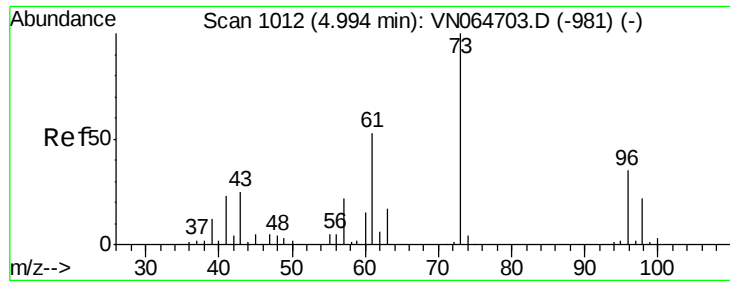
MMDadoda  
11/19/2020 2:11:03 PM



#18  
Methyl Acetate  
Concen: 19.207 ug/l  
RT: 4.28 min Scan# 789  
Delta R.T. -0.00 min  
Lab File: VN064714.D  
Acq: 18 Nov 2020 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 23.4  | 17.6  | 26.4  |





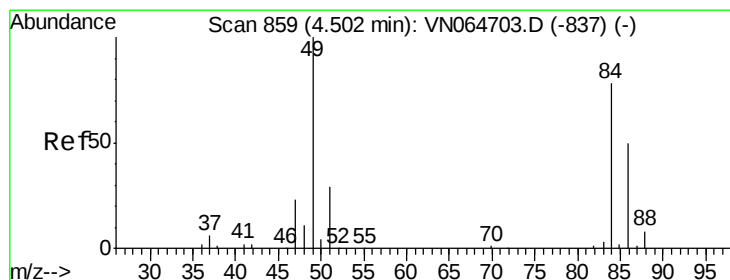
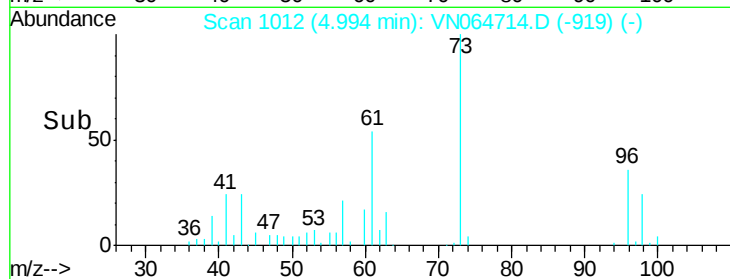
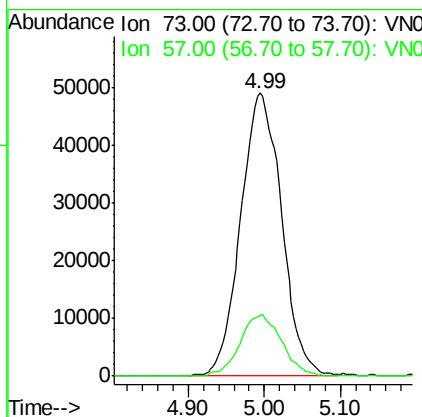
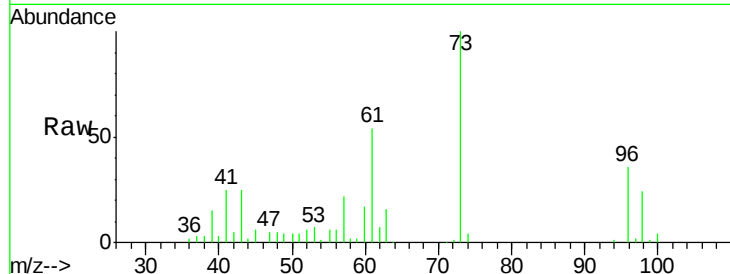
#19  
Methvl tert-butvl Ether  
Concen: 19.132 ug/l  
RT: 4.99 min Scan# 1012  
Delta R.T. -0.00 min  
Lab File: VN064714.D  
Acq: 18 Nov 2020 18:12

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1118WBSD01

Tot Ion: 73 Resp: 183471  
Ion Ratio Lower Upper  
73 100  
57 21.6 17.3 25.9

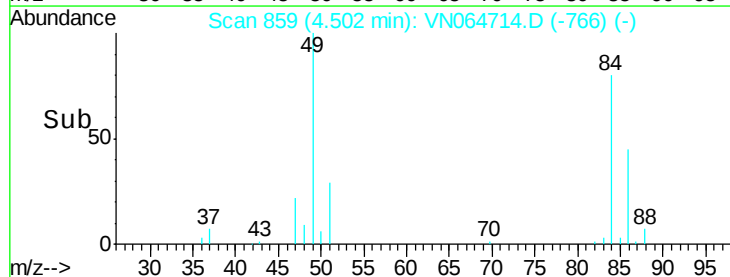
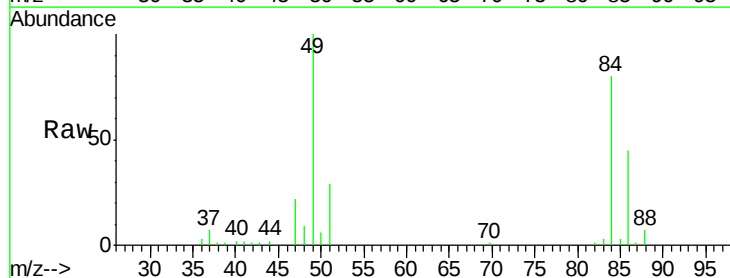
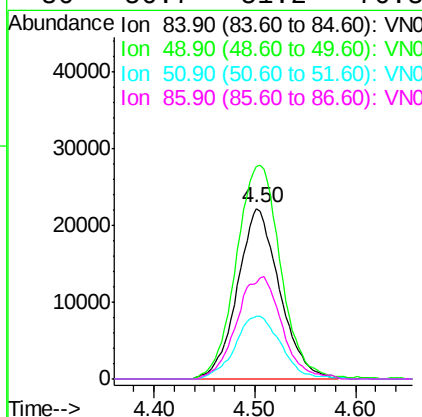
Manual Integrations  
APPROVED

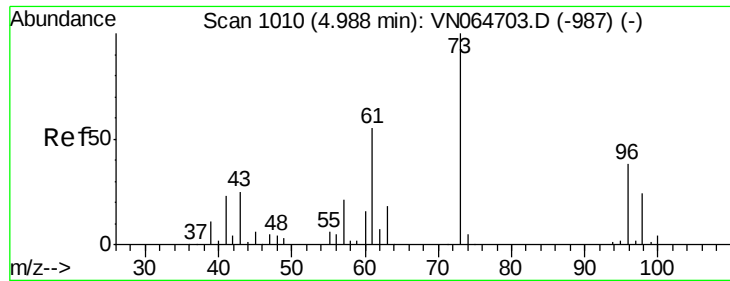
MMDadoda  
11/19/2020 2:11:03 PM



#20  
Methylene Chloride  
Concen: 18.555 ug/l  
RT: 4.50 min Scan# 859  
Delta R.T. -0.00 min  
Lab File: VN064714.D  
Acq: 18 Nov 2020 18:12

Tgt Ion: 84 Resp: 64435  
Ion Ratio Lower Upper  
84 100  
49 124.9 102.4 153.6  
51 36.8 29.4 44.2  
86 56.7 51.2 76.8





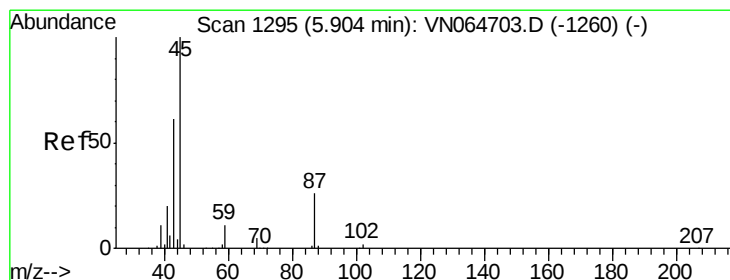
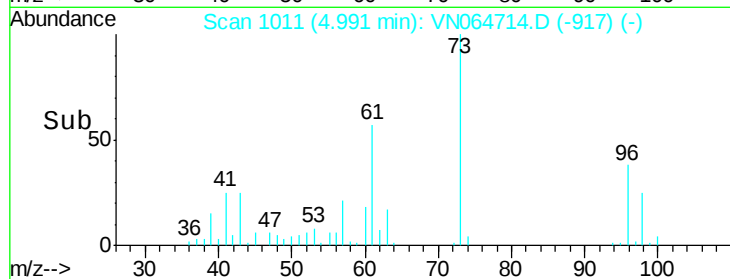
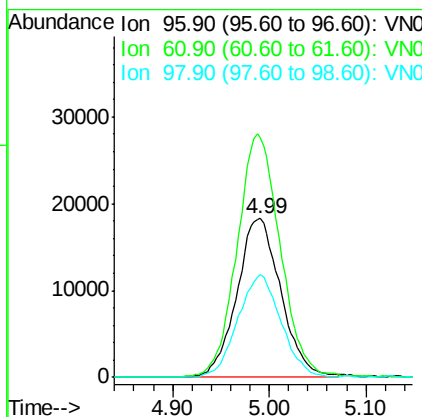
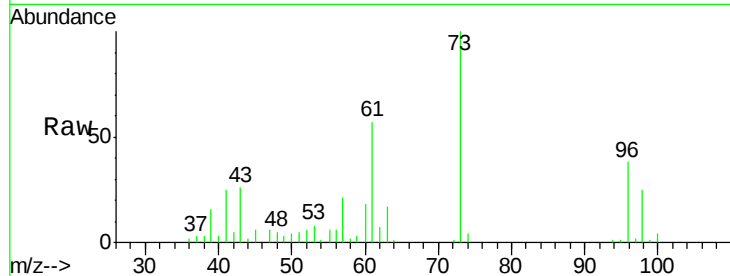
#21  
trans-1,2-Dichloroethene  
Concen: 18.064 ug/l  
RT: 4.99 min Scan# 1011  
Delta R.T. 0.00 min  
Lab File: VN064714.D  
Acq: 18 Nov 2020 18:12

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1118WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 150.1 | 117.9 | 176.9 |
| 98      | 65.1  | 51.1  | 76.7  |

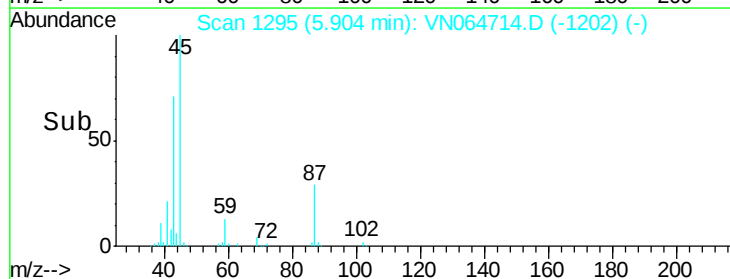
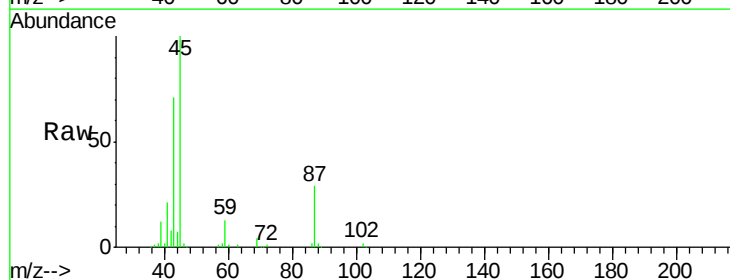
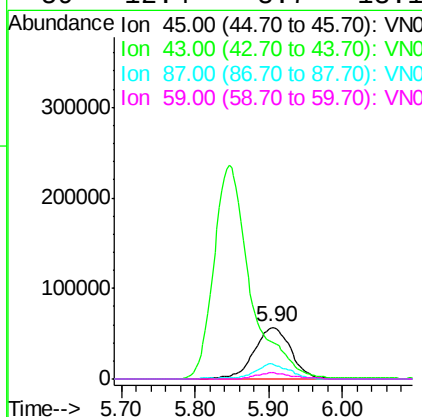
Manual Integrations  
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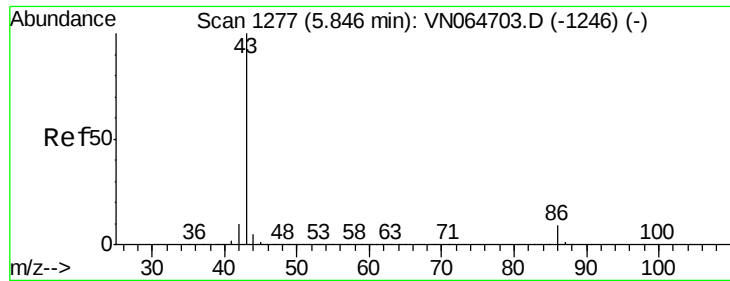
MMDadoda  
11/19/2020 2:11:03 PM



#22  
Diisopropyl ether  
Concen: 19.105 ug/l  
RT: 5.90 min Scan# 1295  
Delta R.T. -0.00 min  
Lab File: VN064714.D  
Acq: 18 Nov 2020 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 68.3  | 52.3  | 78.5  |
| 87      | 29.2  | 21.6  | 32.4  |
| 59      | 12.4  | 8.7   | 13.1  |





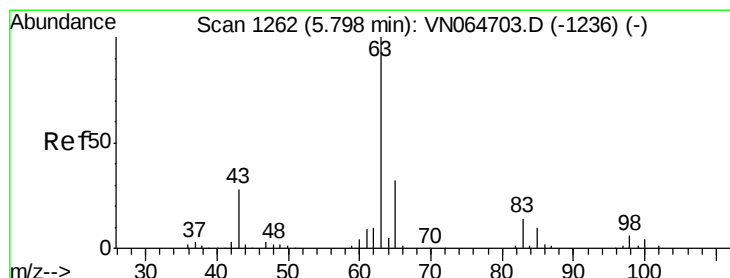
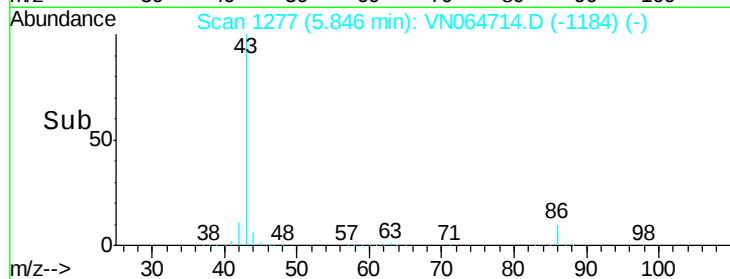
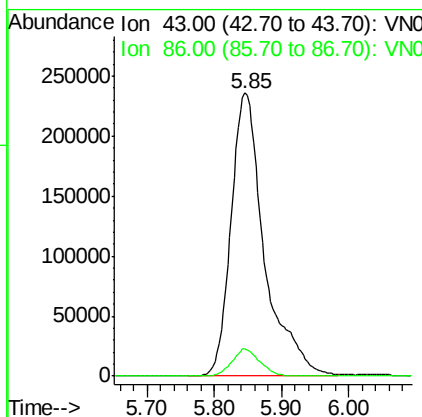
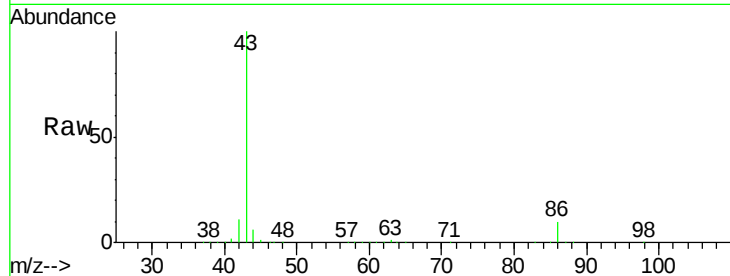
#23  
 Vinyl Acetate  
 Concen: 97.104 ug/l  
 RT: 5.85 min Scan# 1277  
 Delta R.T. -0.00 min  
 Lab File: VN064714.D  
 Acq: 18 Nov 2020 18:12

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1118WBSD01

| Tot Ion   | 43  | Resp  | 814409 |
|-----------|-----|-------|--------|
| Ion Ratio | 100 | Lower | Upper  |
| 43        | 100 |       |        |
| 86        | 9.6 | 7.4   | 11.0   |

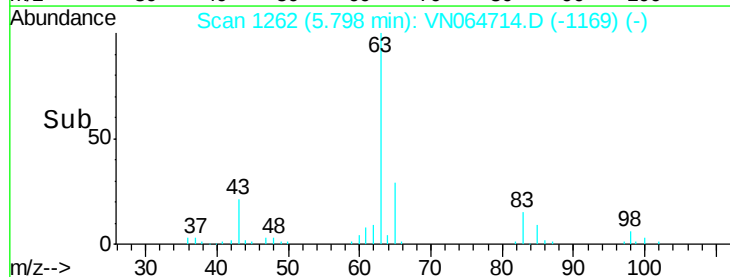
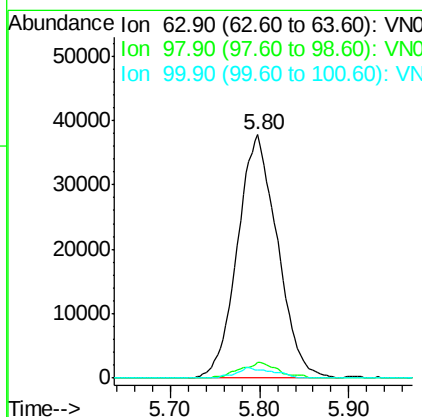
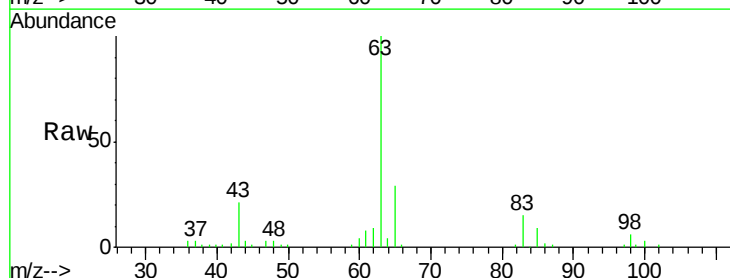
Manual Integrations  
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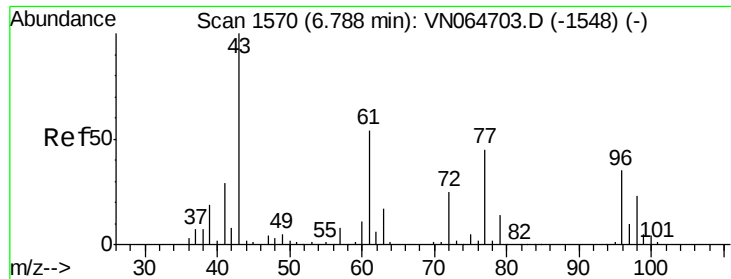
MMDadoda  
 11/19/2020 2:11:03 PM



#24  
 1,1-Dichloroethane  
 Concen: 19.327 ug/l  
 RT: 5.80 min Scan# 1262  
 Delta R.T. -0.00 min  
 Lab File: VN064714.D  
 Acq: 18 Nov 2020 18:12

| Tgt Ion   | 63  | Resp  | 117678 |
|-----------|-----|-------|--------|
| Ion Ratio | 100 | Lower | Upper  |
| 63        | 100 |       |        |
| 98        | 6.2 | 3.2   | 9.6    |
| 100       | 3.4 | 1.9   | 5.7    |





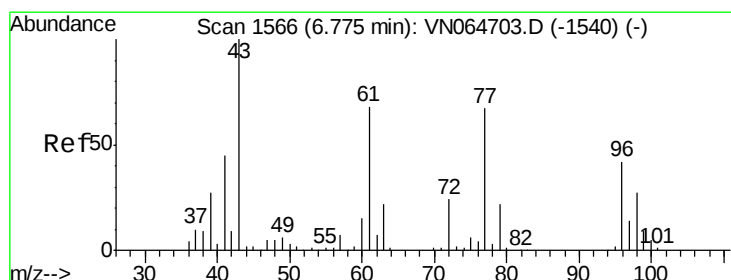
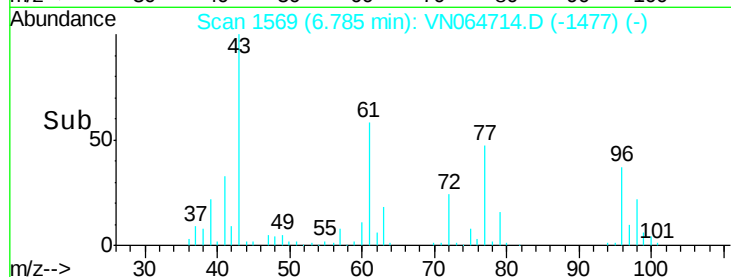
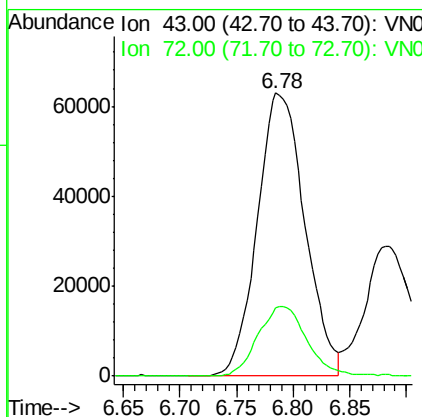
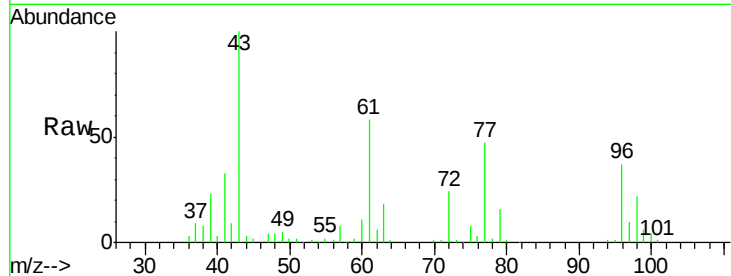
#25  
2-Butanone  
Concen: 102.613 ug/l  
RT: 6.78 min Scan# 1569  
Delta R.T. -0.00 min  
Lab File: VN064714.D  
Acq: 18 Nov 2020 18:12

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1118WBSD01

Tot Ion: 43 Resp: 183972  
Ion Ratio Lower Upper  
43 100  
72 24.1 19.7 29.5

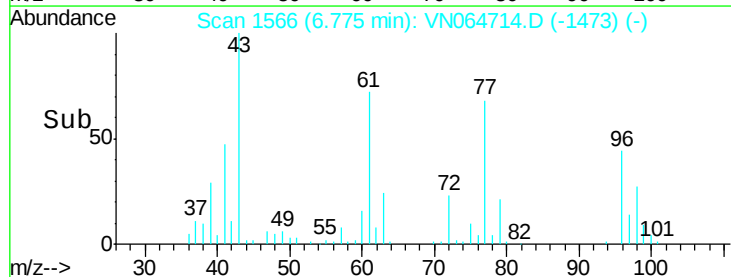
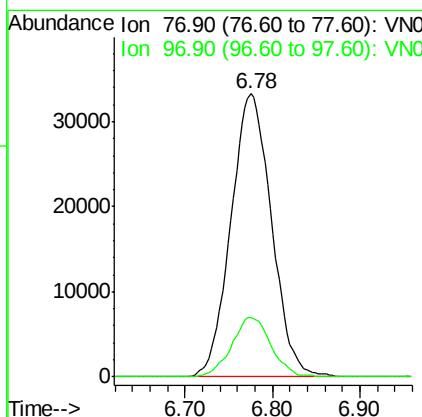
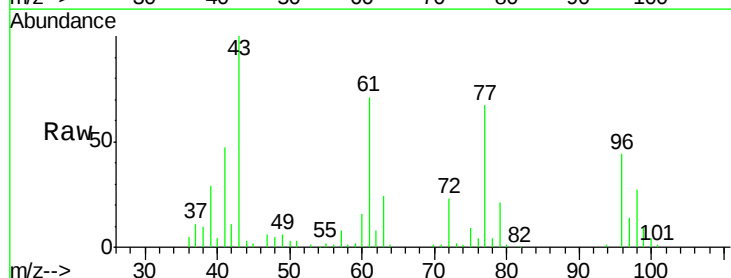
Manual Integrations  
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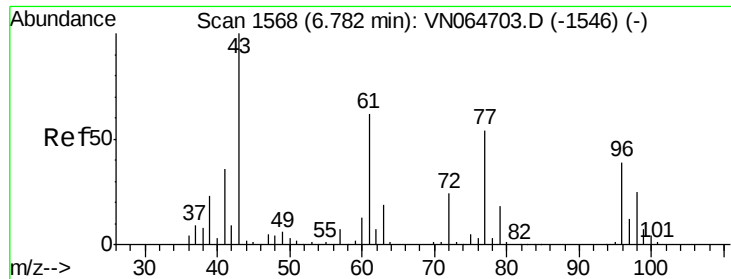
MMDadoda  
11/19/2020 2:11:03 PM



#26  
2,2-Dichloropropane  
Concen: 18.511 ug/l  
RT: 6.78 min Scan# 1566  
Delta R.T. -0.00 min  
Lab File: VN064714.D  
Acq: 18 Nov 2020 18:12

Tgt Ion: 77 Resp: 107099  
Ion Ratio Lower Upper  
77 100  
97 20.3 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 19.186 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

Instrument :

MSVOA\_N

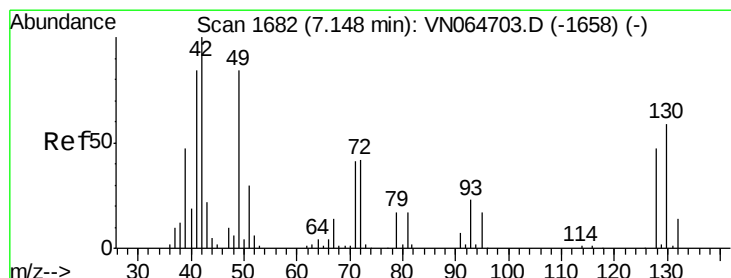
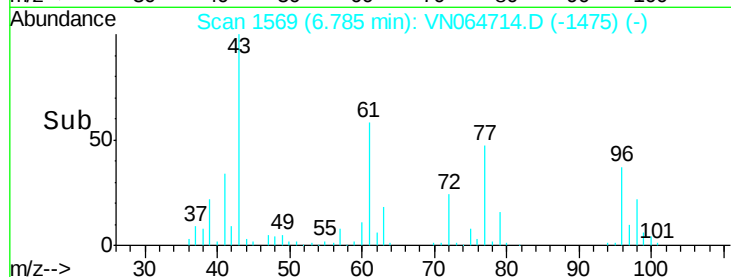
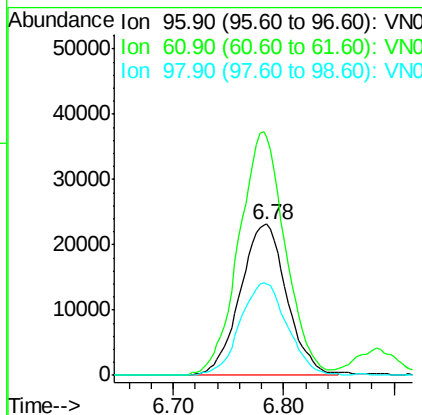
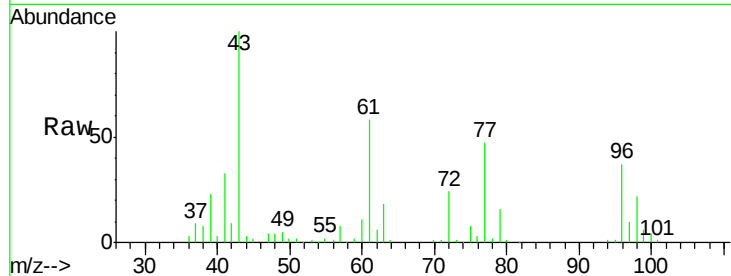
ClientSampleId :

VN1118WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 67644 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 160.3 | 0.0   | 322.6 |
| 98       | 61.9  | 0.0   | 128.6 |

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#28

Bromochloromethane

Concen: 18.555 ug/l

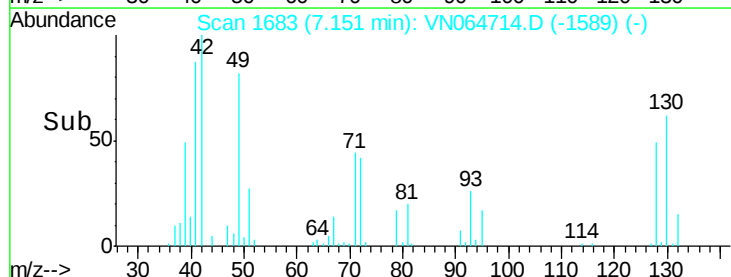
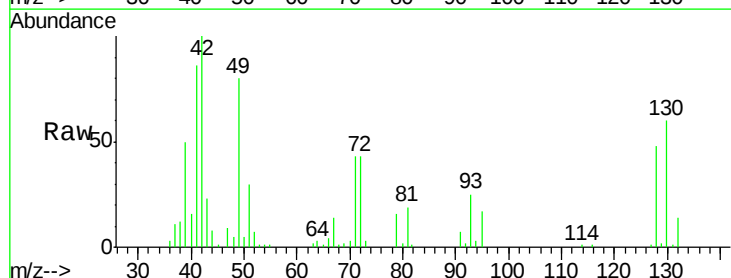
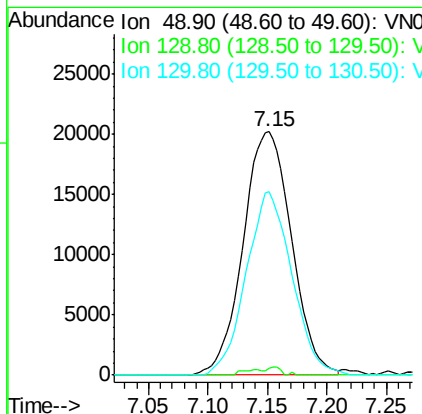
RT: 7.15 min Scan# 1683

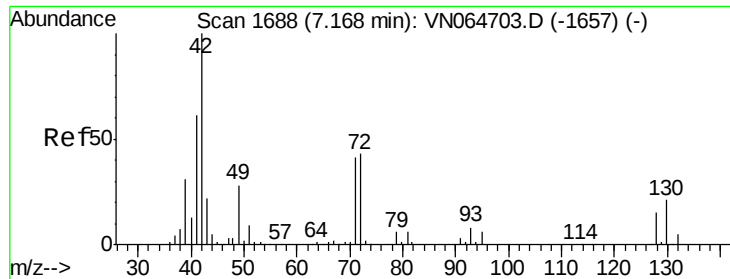
Delta R.T. 0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 56963 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 0.9   | 0.0   | 3.8   |
| 130      | 71.1  | 56.2  | 84.4  |





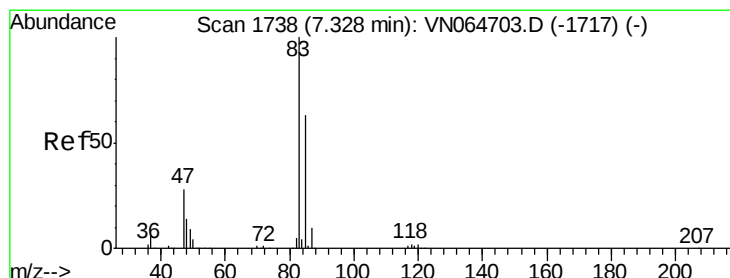
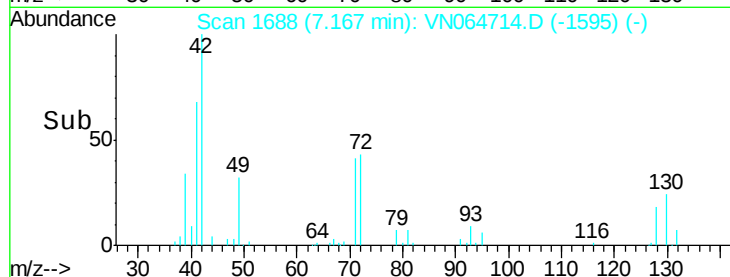
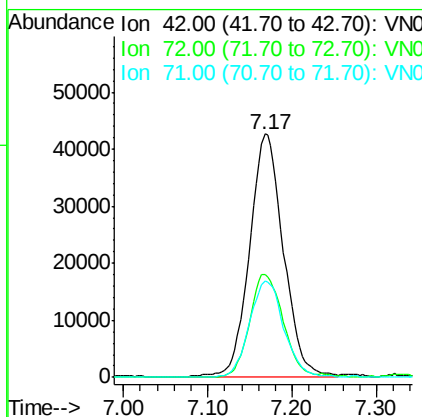
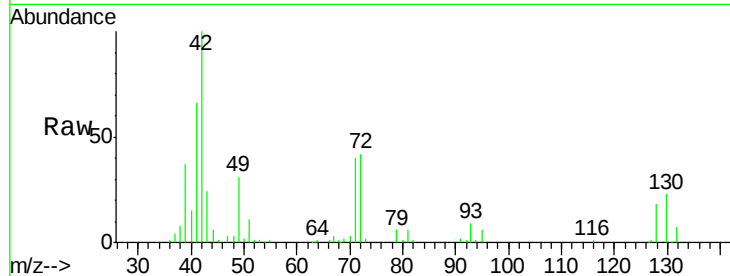
#29  
Tetrahydrofuran  
Concen: 98.600 ug/l  
RT: 7.17 min Scan# 1688  
Delta R.T. -0.00 min  
Lab File: VN064714.D  
Acq: 18 Nov 2020 18:12

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1118WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 41.8  | 33.0  | 49.4  |
| 71      | 39.9  | 31.8  | 47.6  |

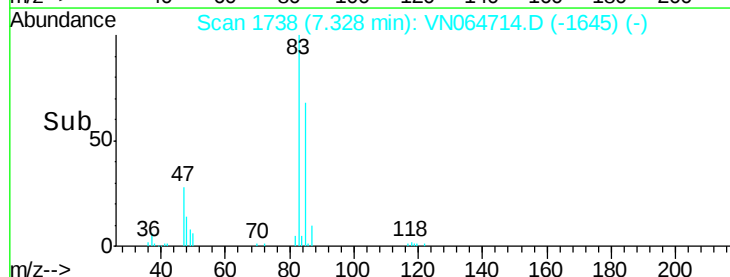
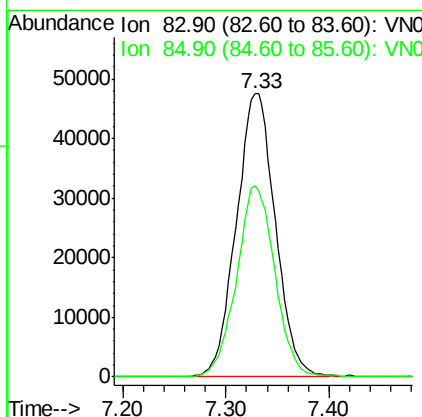
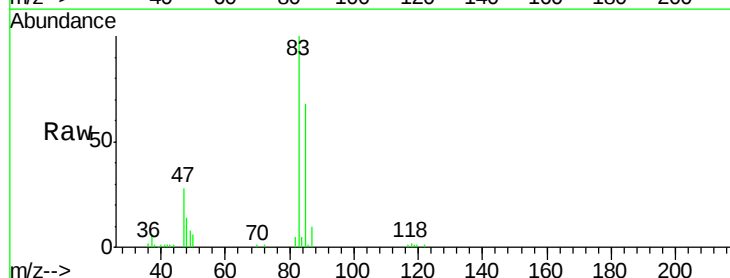
Manual Integrations  
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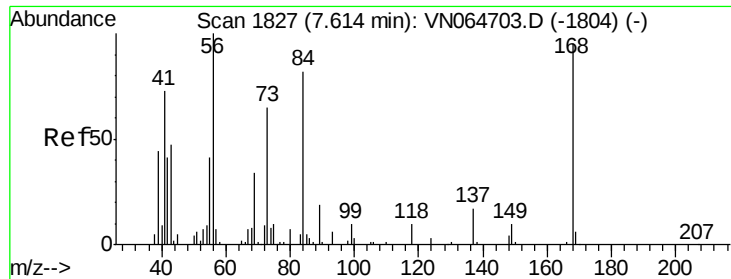
MMDadoda  
11/19/2020 2:11:03 PM



#30  
Chloroform  
Concen: 18.890 ug/l  
RT: 7.33 min Scan# 1738  
Delta R.T. -0.00 min  
Lab File: VN064714.D  
Acq: 18 Nov 2020 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 67.7  | 50.6  | 75.8  |





#31

Cyclohexane

Concen: 18.190 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

Instrument :

MSVOA\_N

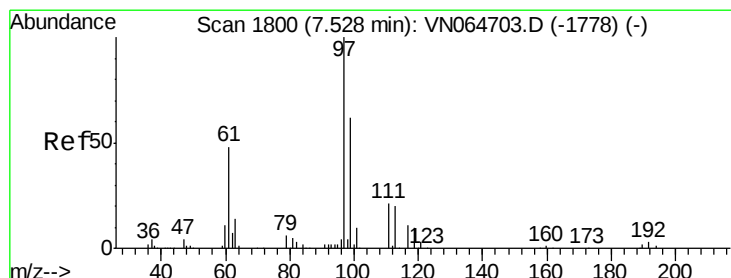
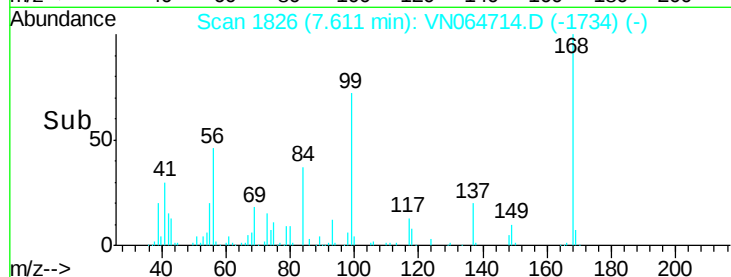
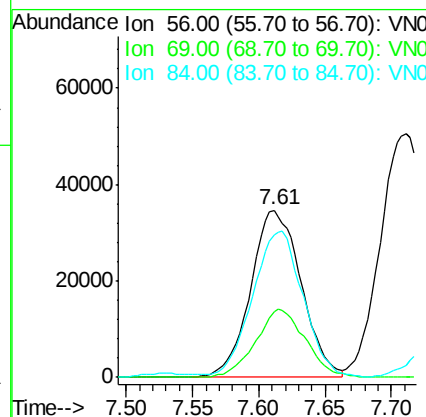
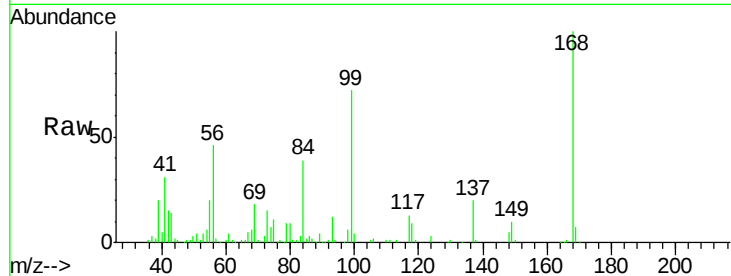
ClientSampleId :

VN1118WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 56    | Resp: | 92220 |
| Ion Ratio | Lower | Upper |       |
| 56        | 100   |       |       |
| 69        | 39.5  | 27.2  | 40.8  |
| 84        | 83.5  | 65.9  | 98.9  |

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#32

1,1,1-Trichloroethane

Concen: 18.664 ug/l

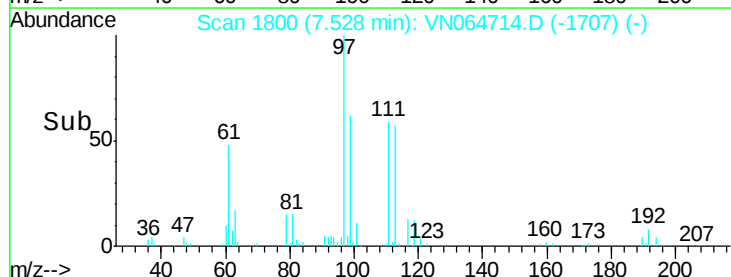
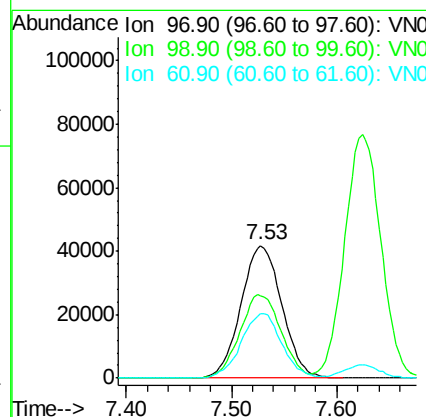
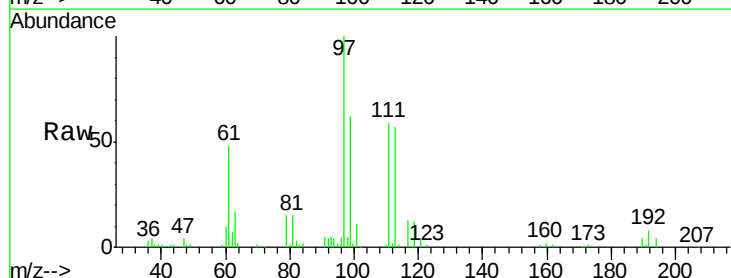
RT: 7.53 min Scan# 1800

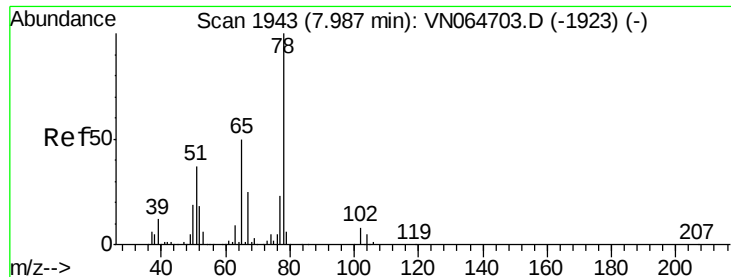
Delta R.T. -0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 97    | Resp: | 112878 |
| Ion Ratio | Lower | Upper |        |
| 97        | 100   |       |        |
| 99        | 63.4  | 50.6  | 76.0   |
| 61        | 48.4  | 38.3  | 57.5   |





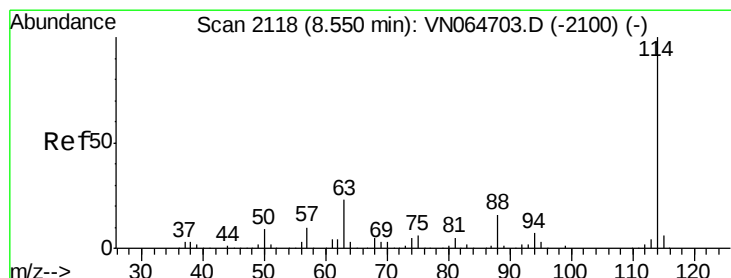
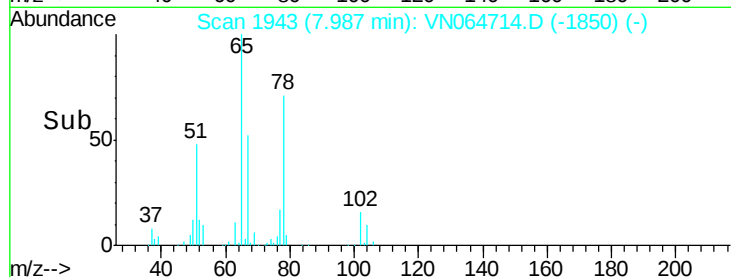
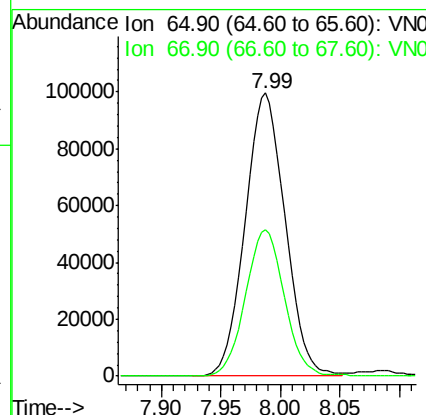
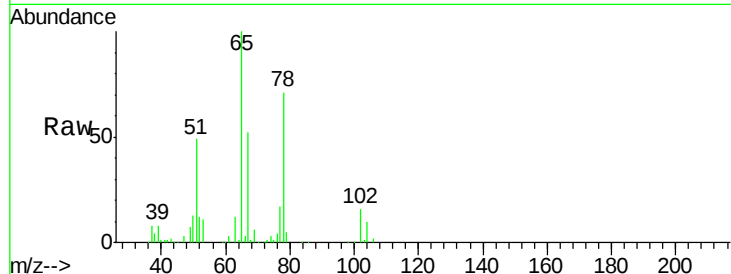
#33  
 1,2-Dichloroethane-d4  
 Concen: 49.474 ug/l  
 RT: 7.99 min Scan# 1943  
 Delta R.T. -0.00 min  
 Lab File: VN064714.D  
 Acq: 18 Nov 2020 18:12

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1118WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 50.4  | 0.0   | 99.8  |

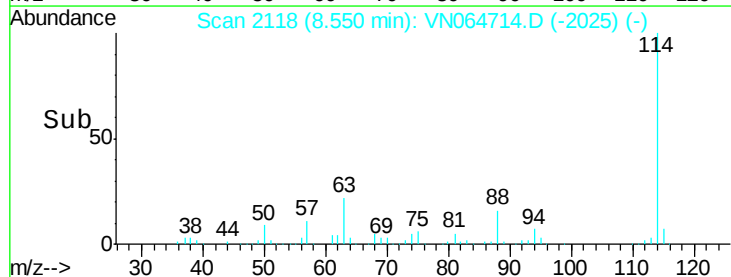
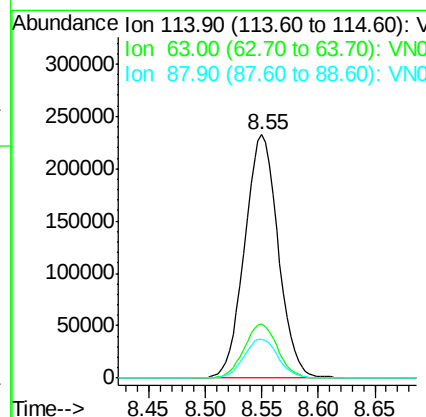
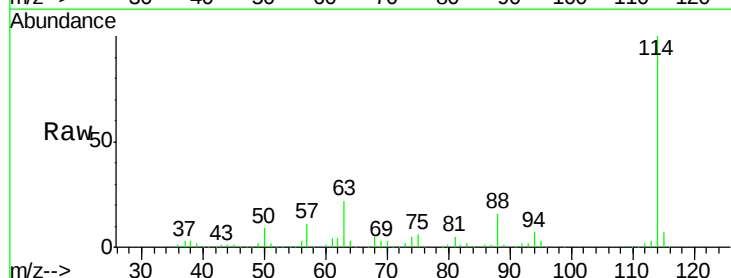
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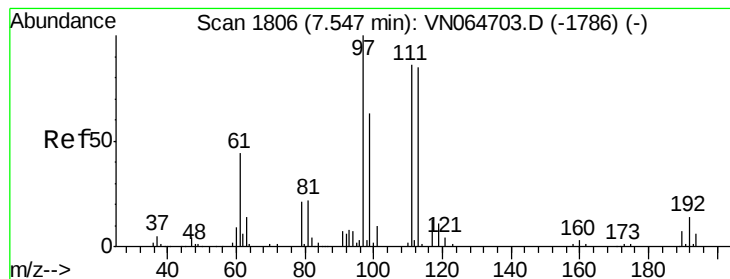
MMDadoda  
 11/19/2020 2:11:03 PM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2118  
 Delta R.T. -0.00 min  
 Lab File: VN064714.D  
 Acq: 18 Nov 2020 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 22.0  | 0.0   | 46.0  |
| 88      | 15.9  | 0.0   | 31.2  |





#35

Dibromofluoromethane

Concen: 48.359 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

Instrument :

MSVOA\_N

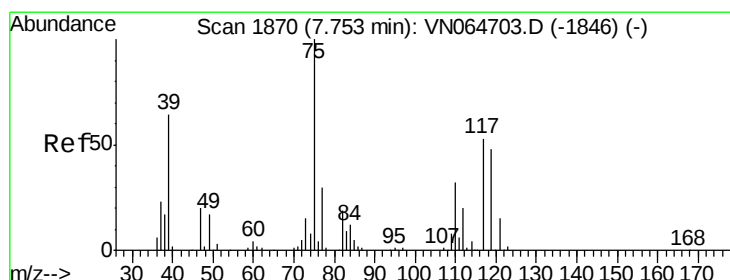
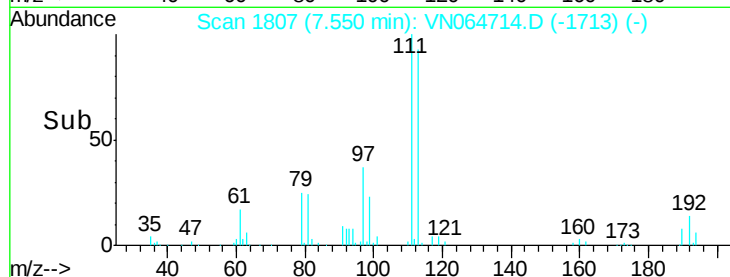
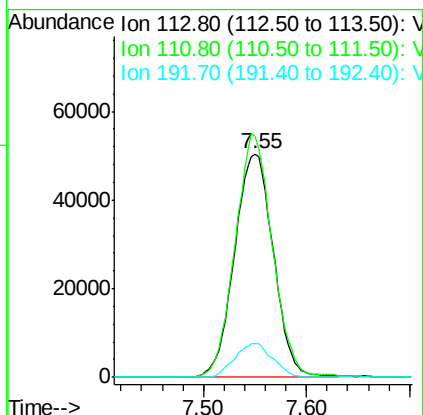
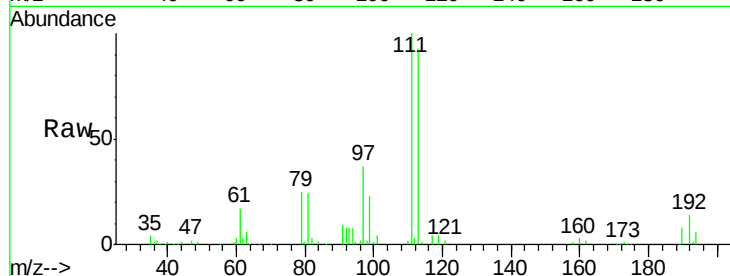
ClientSampleId :

VN1118WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 132057 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 105.0 | 82.2  | 123.4  |
| 192       | 14.8  | 12.7  | 19.1   |

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#36

1,1-Dichloropropene

Concen: 17.777 ug/l

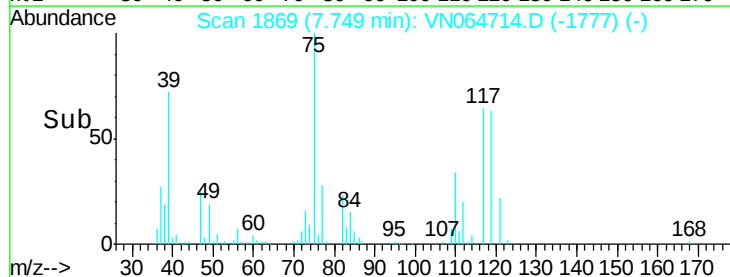
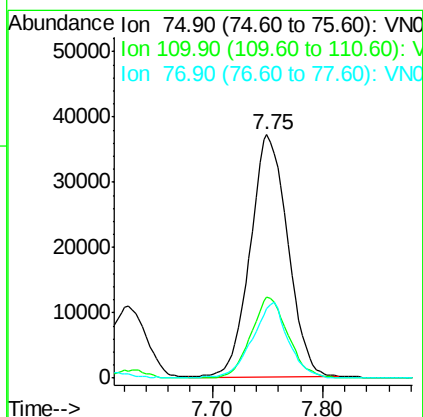
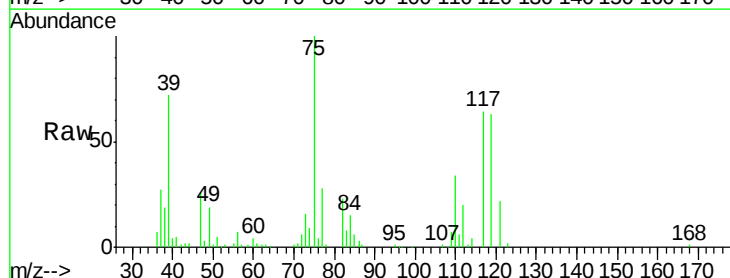
RT: 7.75 min Scan# 1869

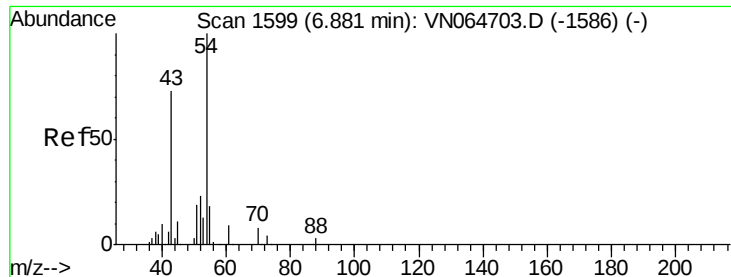
Delta R.T. -0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 87748 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 110       | 32.7  | 16.2  | 48.6  |
| 77        | 29.8  | 24.4  | 36.6  |





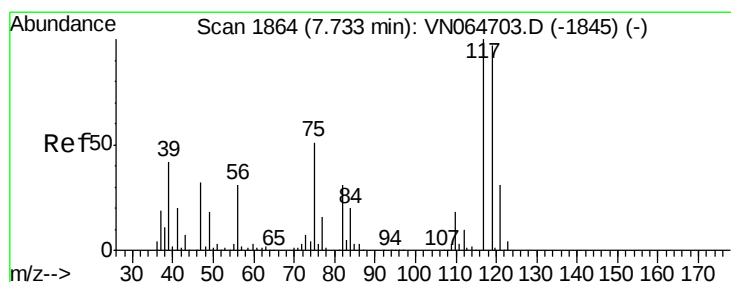
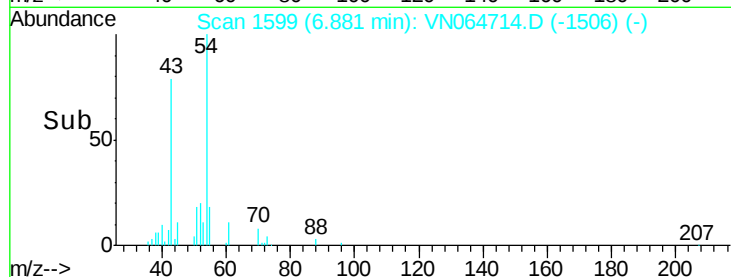
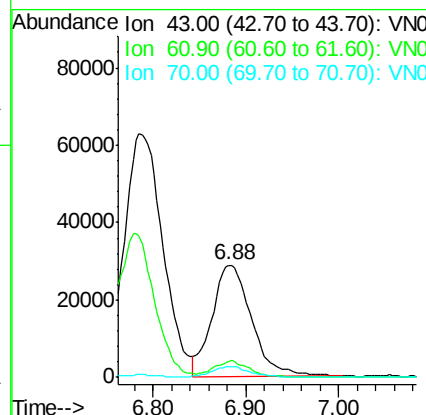
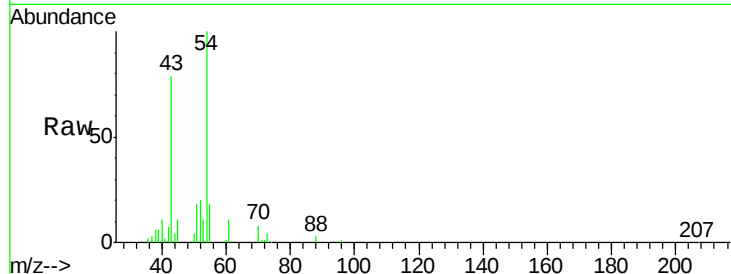
#37  
Ethyl Acetate  
Concen: 20.604 ug/l  
RT: 6.88 min Scan# 1599  
Delta R.T. 0.00 min  
Lab File: VN064714.D  
Acq: 18 Nov 2020 18:12

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1118WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 13.4  | 10.4  | 15.6  |
| 70      | 9.4   | 7.6   | 11.4  |

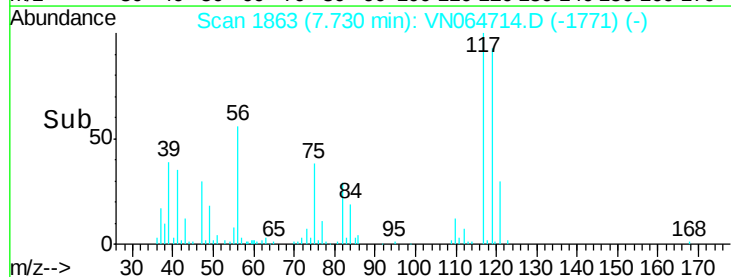
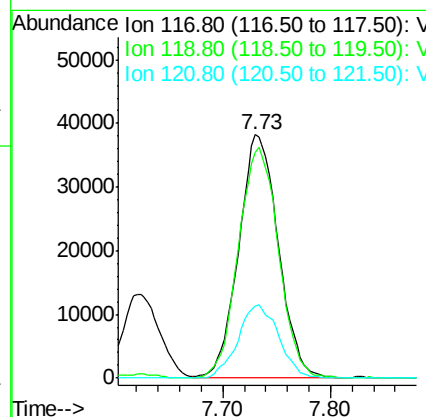
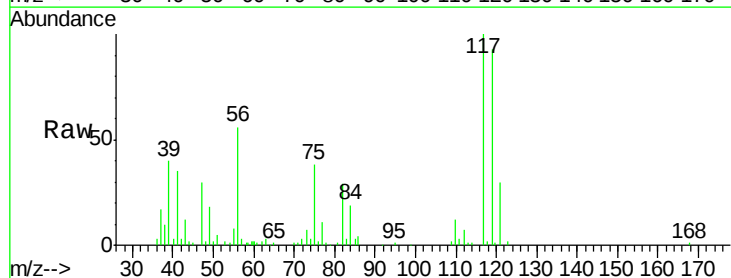
Manual Integrations  
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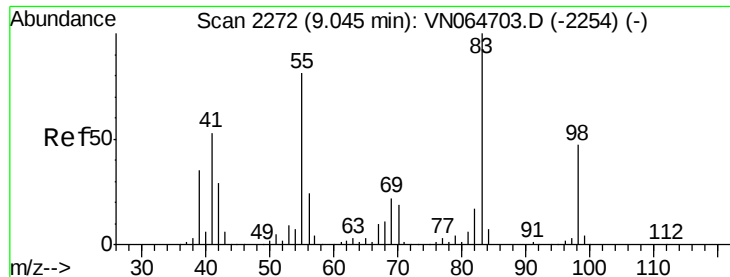
MMDadoda  
11/19/2020 2:11:03 PM



#38  
Carbon Tetrachloride  
Concen: 18.639 ug/l  
RT: 7.73 min Scan# 1863  
Delta R.T. -0.00 min  
Lab File: VN064714.D  
Acq: 18 Nov 2020 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 92.6  | 77.8  | 116.6 |
| 121     | 29.6  | 24.9  | 37.3  |





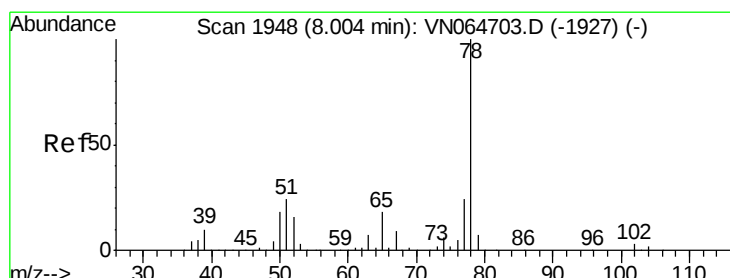
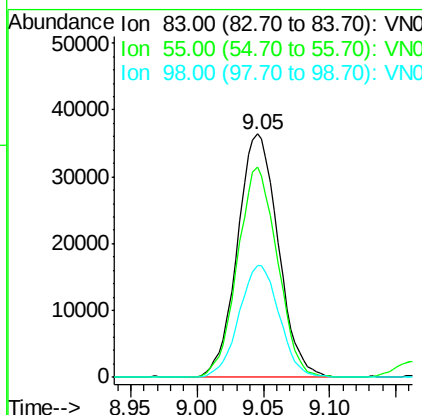
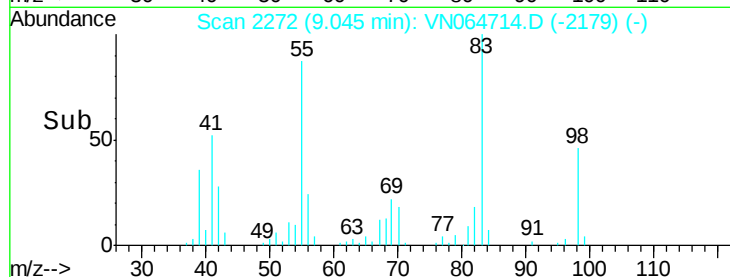
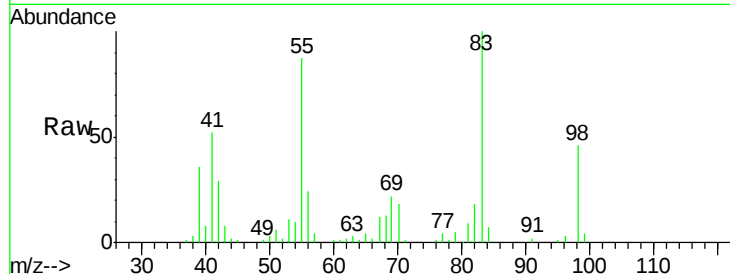
#39  
Methvlcvclohexane  
Concen: 17.783 ug/l  
RT: 9.05 min Scan# 2272  
Delta R.T. -0.00 min  
Lab File: VN064714.D  
Acq: 18 Nov 2020 18:12

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1118WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 86.6  | 64.6  | 97.0  |
| 98      | 45.9  | 37.7  | 56.5  |

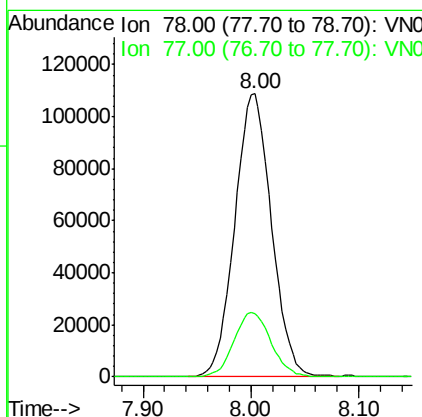
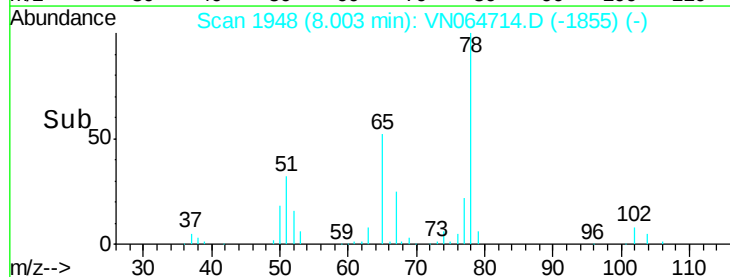
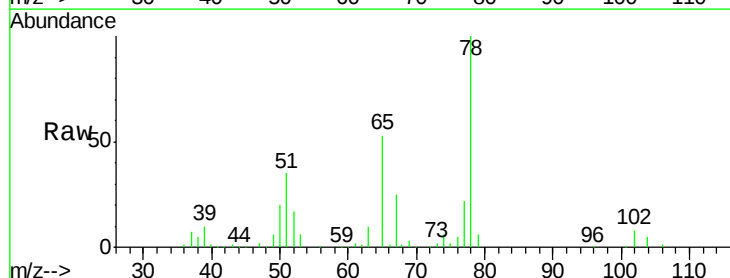
Manual Integrations  
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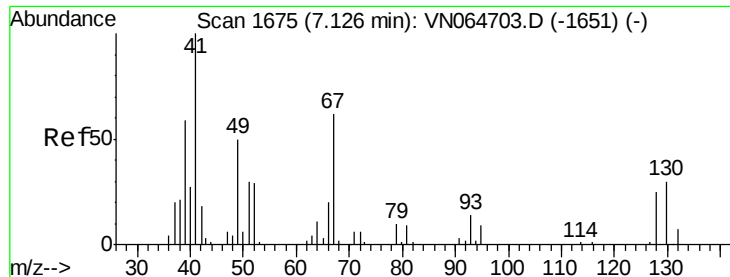
MMDadoda  
11/19/2020 2:11:03 PM



#40  
Benzene  
Concen: 18.737 ug/l  
RT: 8.00 min Scan# 1948  
Delta R.T. -0.00 min  
Lab File: VN064714.D  
Acq: 18 Nov 2020 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 22.3  | 19.2  | 28.8  |





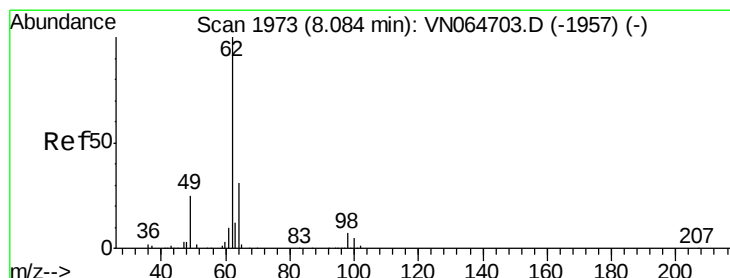
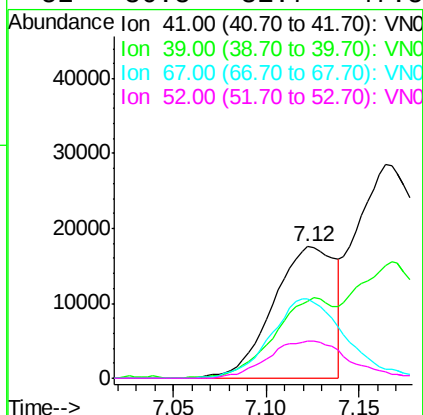
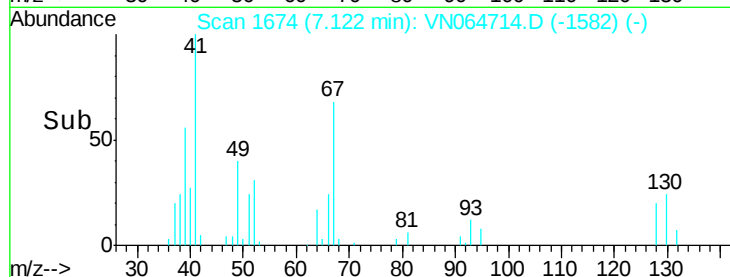
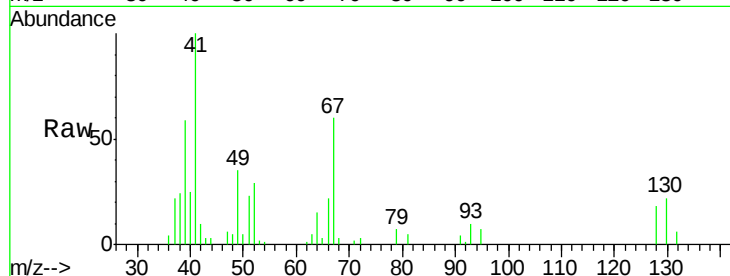
#41  
Methacrylonitrile  
Concen: 21.613 ug/l  
RT: 7.12 min Scan# 1674  
Delta R.T. -0.00 min  
Lab File: VN064714.D  
Acq: 18 Nov 2020 18:12

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1118WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 40943 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 59.9  | 46.0  | 69.0  |
| 67       | 73.2  | 67.0  | 100.4 |
| 52       | 36.8  | 31.7  | 47.5  |

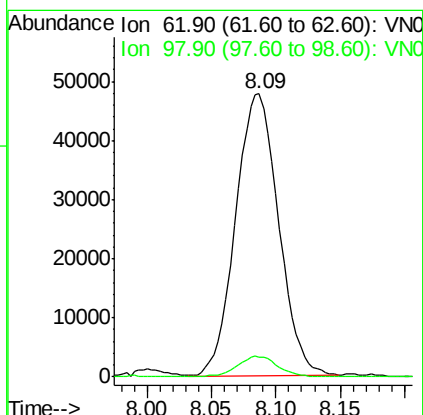
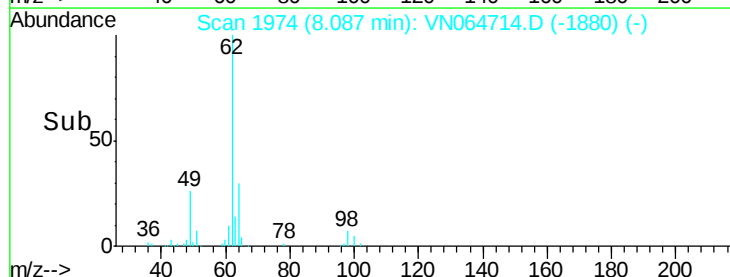
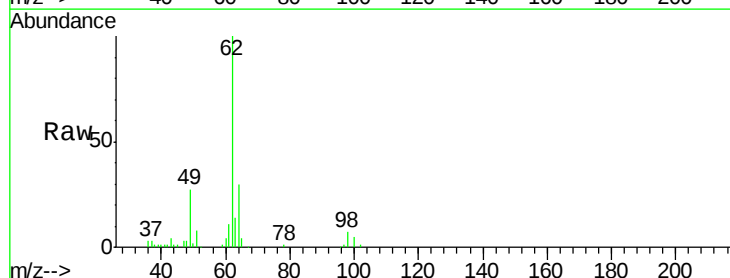
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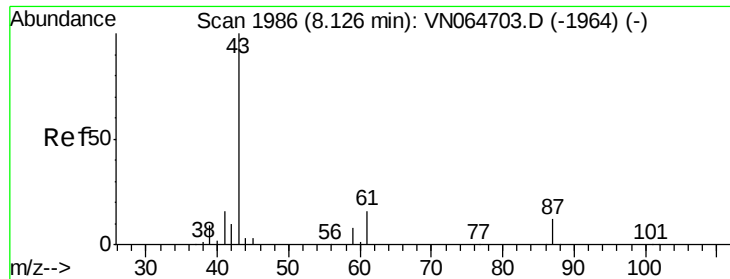
MMDadoda  
11/19/2020 2:11:03 PM



#42  
1,2-Dichloroethane  
Concen: 18.764 ug/l  
RT: 8.09 min Scan# 1974  
Delta R.T. 0.00 min  
Lab File: VN064714.D  
Acq: 18 Nov 2020 18:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 111032 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 6.8   | 0.0   | 13.6   |





#43

Isopropyl Acetate

Concen: 18.315 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

Instrument :

MSVOA\_N

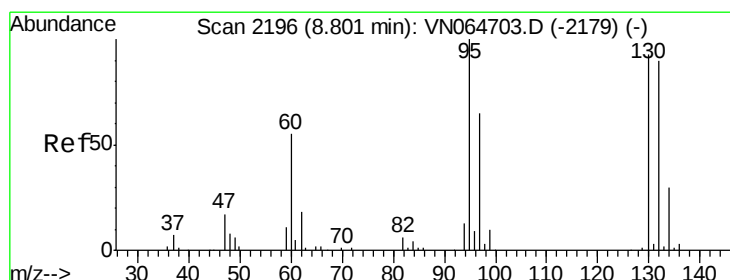
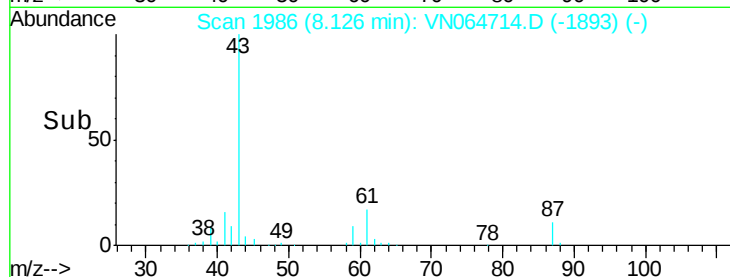
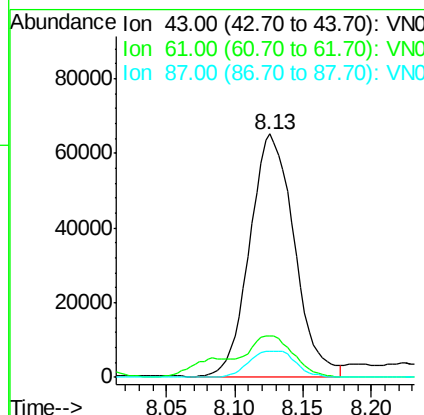
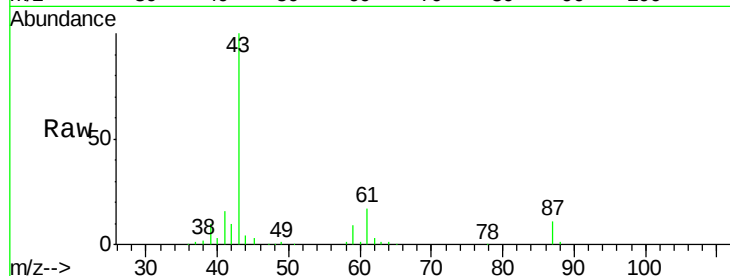
ClientSampleId :

VN1118WBSD01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 146721 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 16.8  | 14.1  | 21.1   |
| 87       | 11.3  | 9.1   | 13.7   |

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#44

Trichloroethene

Concen: 17.932 ug/l

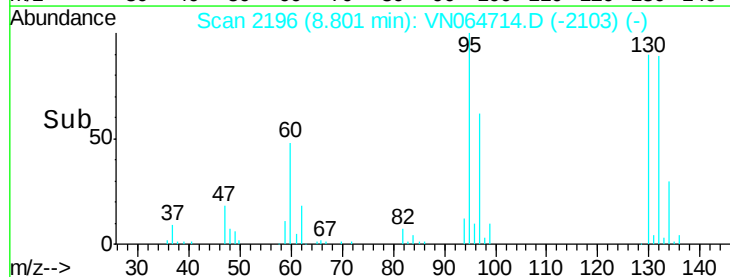
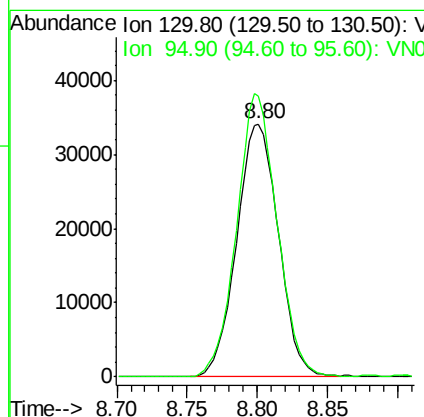
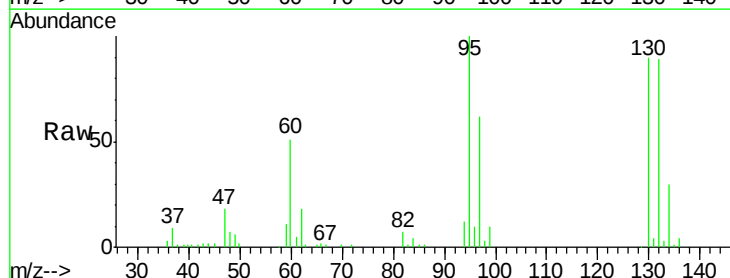
RT: 8.80 min Scan# 2196

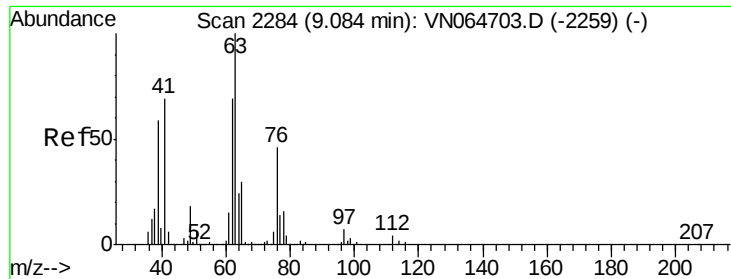
Delta R.T. -0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 70778 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 111.1 | 0.0   | 214.2 |





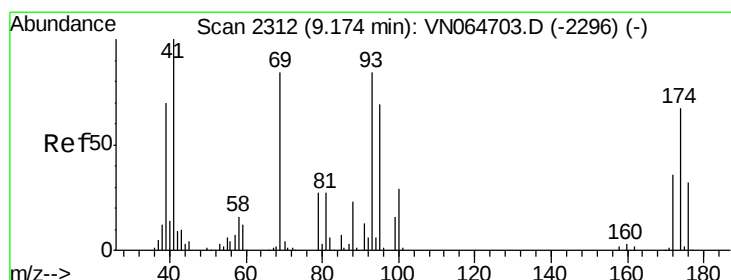
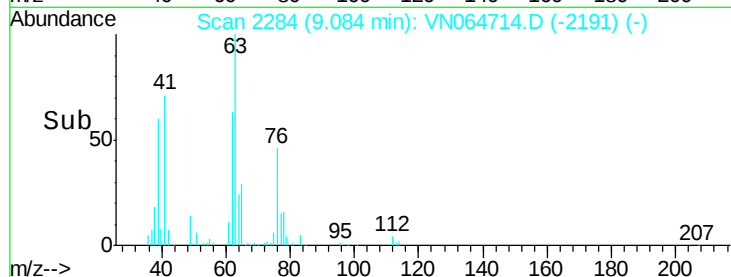
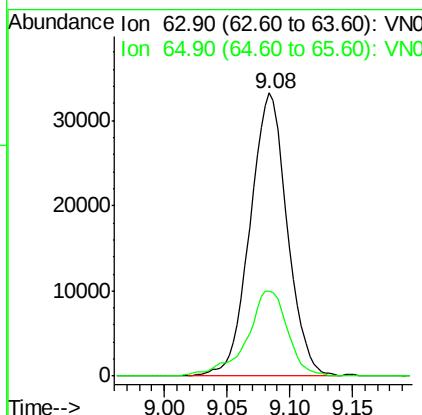
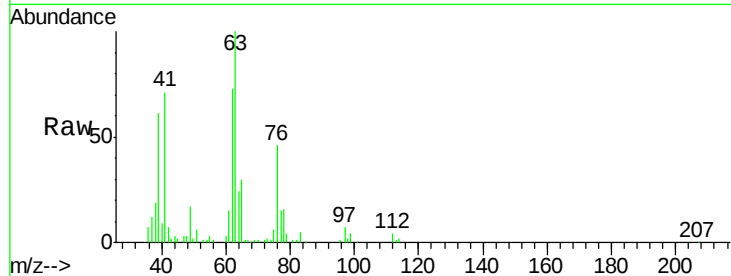
#45  
 1,2-Dichloropropane  
 Concen: 18.644 ug/l  
 RT: 9.08 min Scan# 2284  
 Delta R.T. -0.00 min  
 Lab File: VN064714.D  
 Acq: 18 Nov 2020 18:12

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1118WBSD01

Tot Ion: 63 Resp: 68348  
 Ion Ratio Lower Upper  
 63 100  
 65 30.1 24.0 36.0

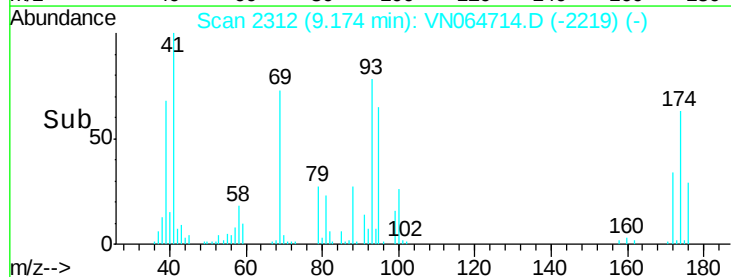
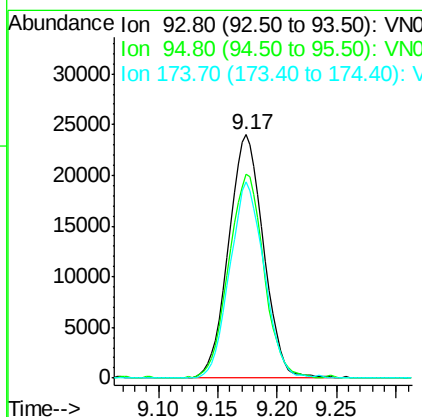
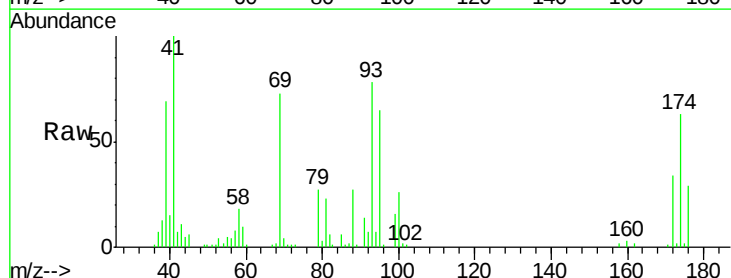
Manual Integrations  
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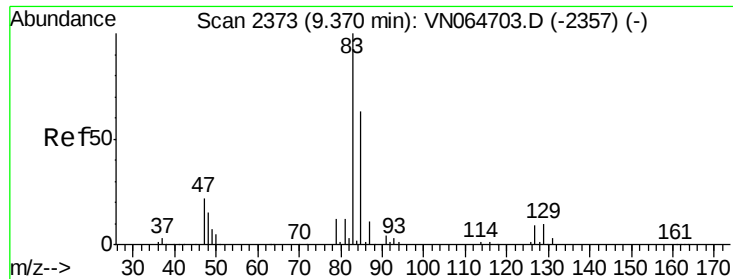
MMDadoda  
 11/19/2020 2:11:03 PM



#46  
 Dibromomethane  
 Concen: 18.776 ug/l  
 RT: 9.17 min Scan# 2312  
 Delta R.T. -0.00 min  
 Lab File: VN064714.D  
 Acq: 18 Nov 2020 18:12

Tgt Ion: 93 Resp: 48792  
 Ion Ratio Lower Upper  
 93 100  
 95 84.7 64.6 97.0  
 174 79.2 64.3 96.5





#47

Bromodichloromethane

Concen: 18.907 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

Instrument :

MSVOA\_N

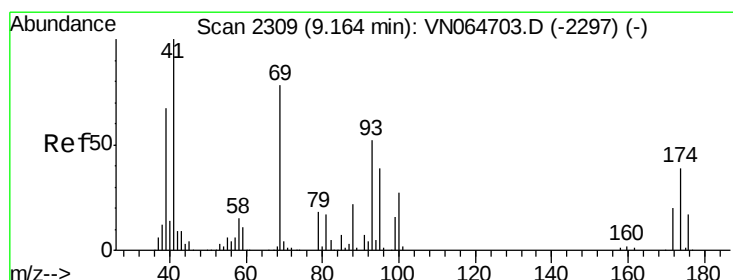
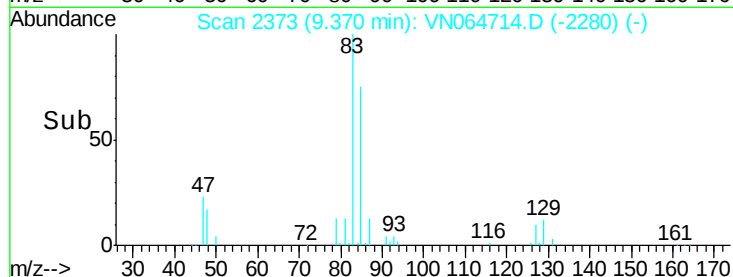
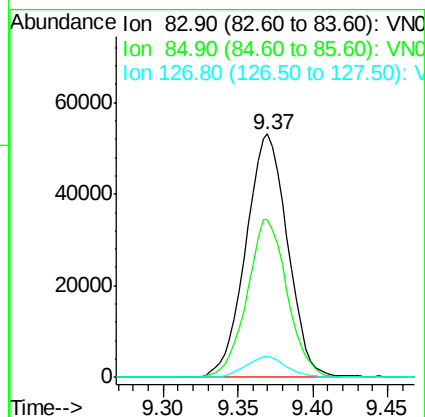
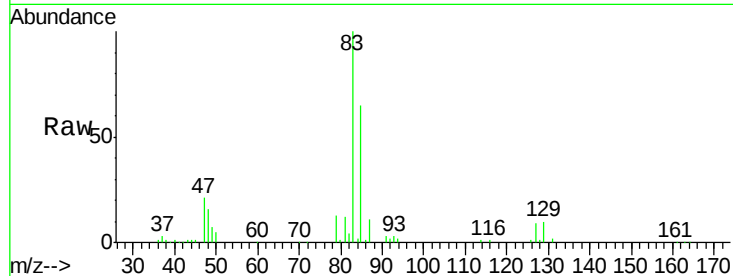
ClientSampleId :

VN1118WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 103287 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 65.1  | 50.8  | 76.2   |
| 127       | 8.7   | 7.0   | 10.4   |

Manual Integrations  
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11/19/2020 2:11:03 PM



#48

Methyl methacrylate

Concen: 18.181 ug/l

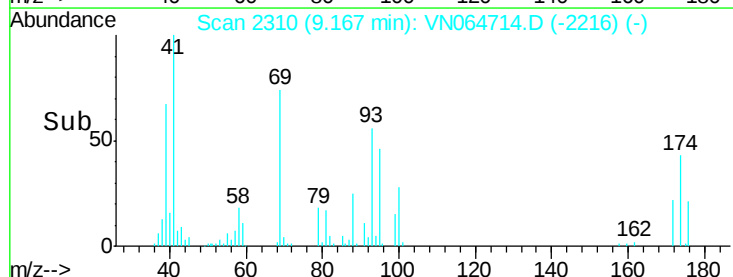
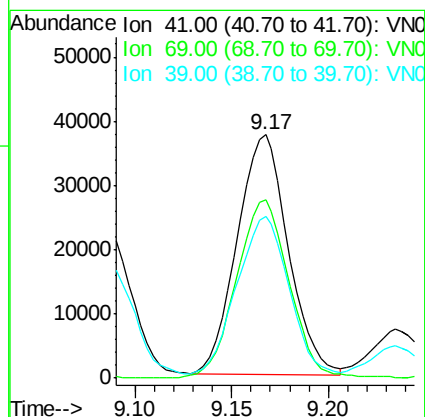
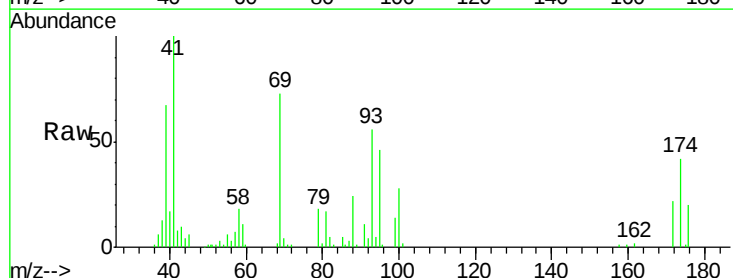
RT: 9.17 min Scan# 2310

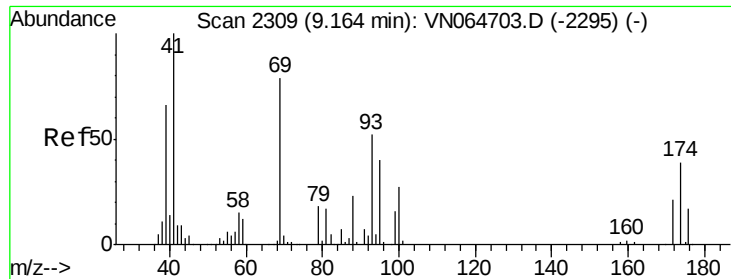
Delta R.T. 0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 68721 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 69        | 76.8  | 62.3  | 93.5  |
| 39        | 69.5  | 55.1  | 82.7  |





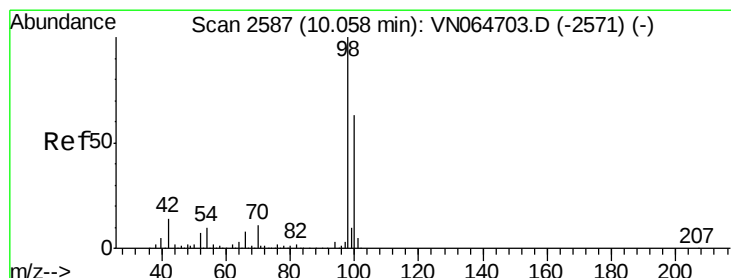
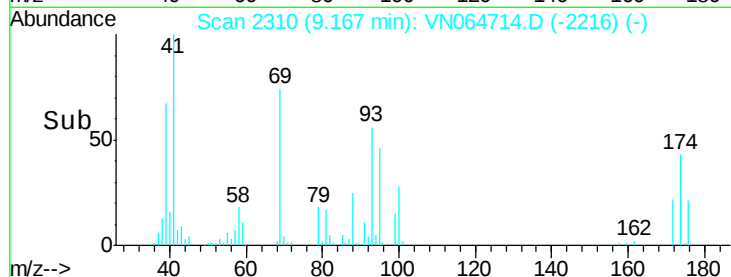
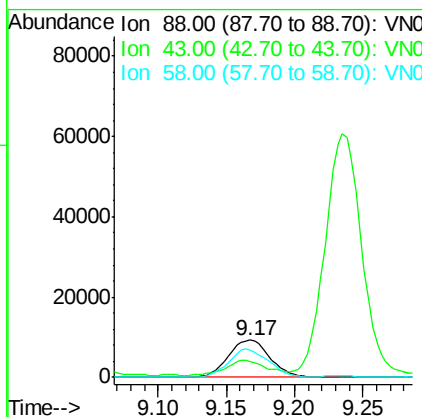
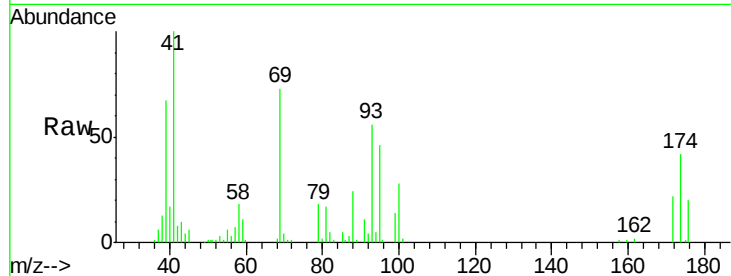
#49  
1,4-Dioxane  
Concen: 420.347 ug/l  
RT: 9.17 min Scan# 2310  
Delta R.T. 0.00 min  
Lab File: VN064714.D  
Acq: 18 Nov 2020 18:12

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1118WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 39.0  | 31.3  | 46.9  |
| 58      | 71.8  | 55.7  | 83.5  |

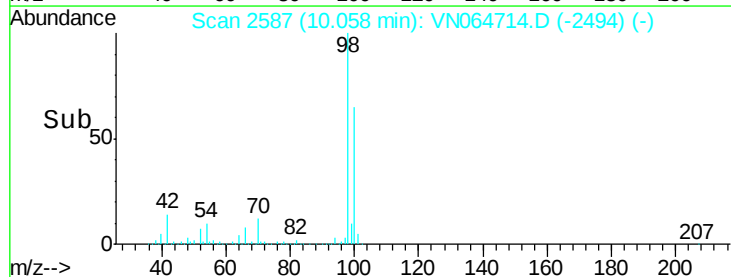
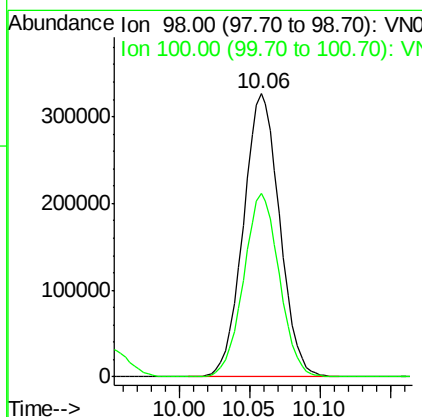
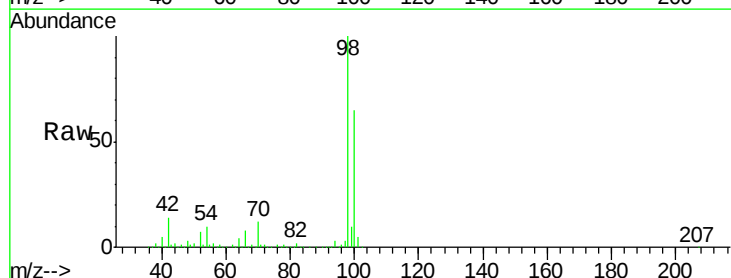
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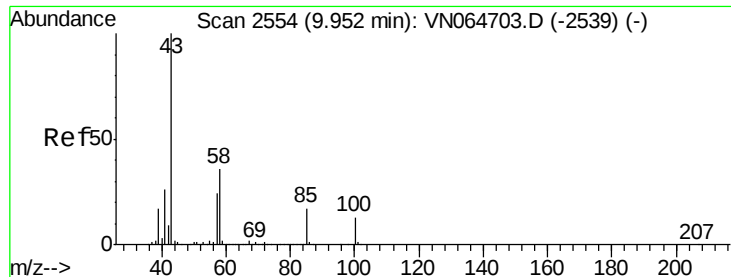
MMDadoda  
11/19/2020 2:11:03 PM



#50  
Toluene-d8  
Concen: 47.473 ug/l  
RT: 10.06 min Scan# 2587  
Delta R.T. -0.00 min  
Lab File: VN064714.D  
Acq: 18 Nov 2020 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 63.6  | 50.4  | 75.6  |





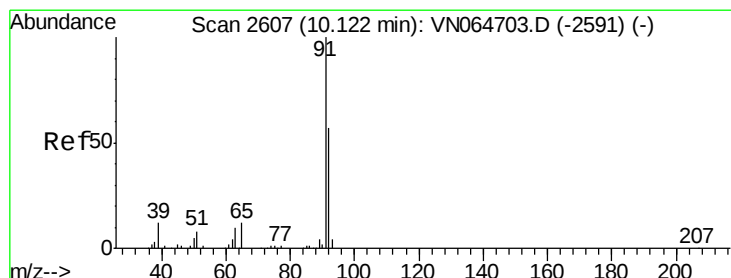
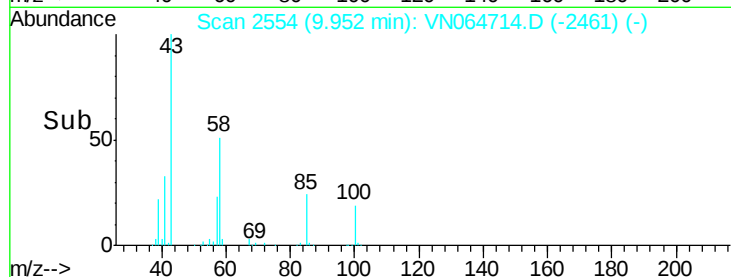
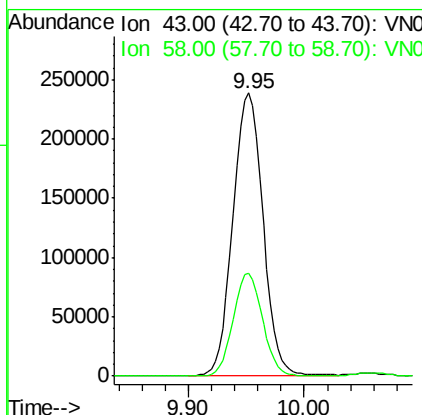
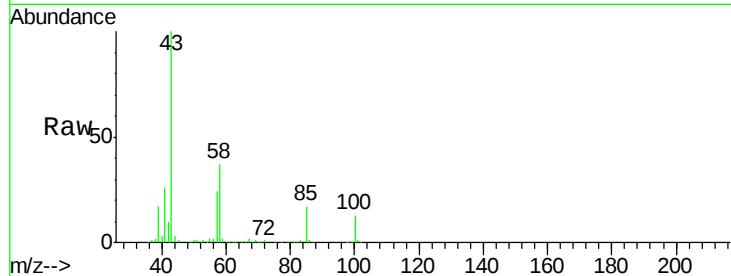
#51  
4-Methyl-2-Pentanone  
Concen: 92.726 ug/l  
RT: 9.95 min Scan# 2554  
Delta R.T. -0.00 min  
Lab File: VN064714.D  
Acq: 18 Nov 2020 18:12

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1118WBSD01

Tot Ion: 43 Resp: 429300  
Ion Ratio Lower Upper  
43 100  
58 35.6 28.5 42.7

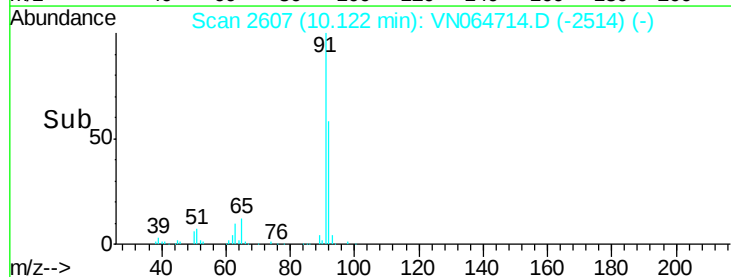
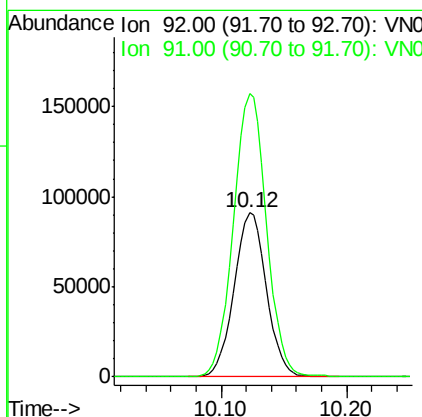
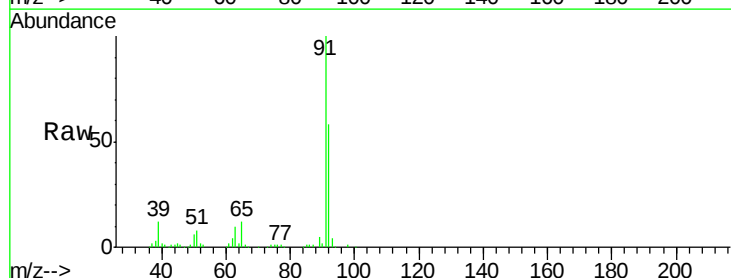
Manual Integrations  
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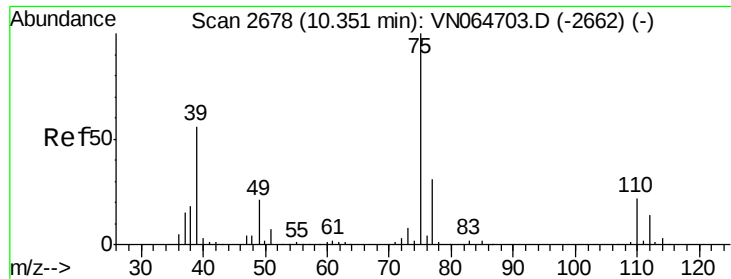
MMDadoda  
11/19/2020 2:11:03 PM



#52  
Toluene  
Concen: 19.259 ug/l  
RT: 10.12 min Scan# 2607  
Delta R.T. -0.00 min  
Lab File: VN064714.D  
Acq: 18 Nov 2020 18:12

Tgt Ion: 92 Resp: 163132  
Ion Ratio Lower Upper  
92 100  
91 175.9 141.2 211.8





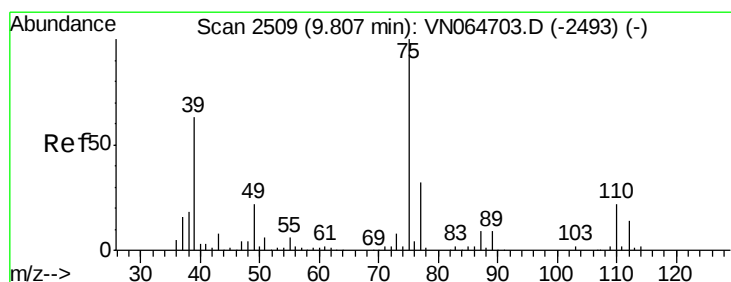
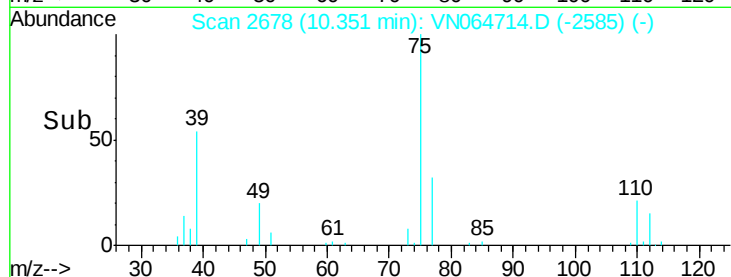
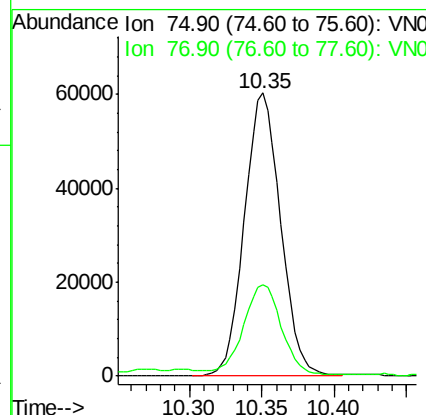
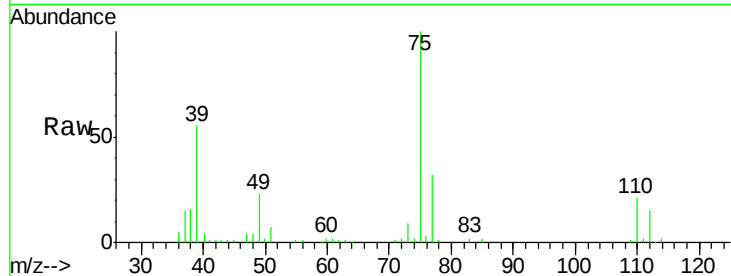
#53  
t-1,3-Dichloropropene  
Concen: 17.973 ug/l  
RT: 10.35 min Scan# 2678  
Delta R.T. -0.00 min  
Lab File: VN064714.D  
Acq: 18 Nov 2020 18:12

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1118WBSD01

Tot Ion: 75 Resp: 105081  
Ion Ratio Lower Upper  
75 100  
77 31.6 25.4 38.0

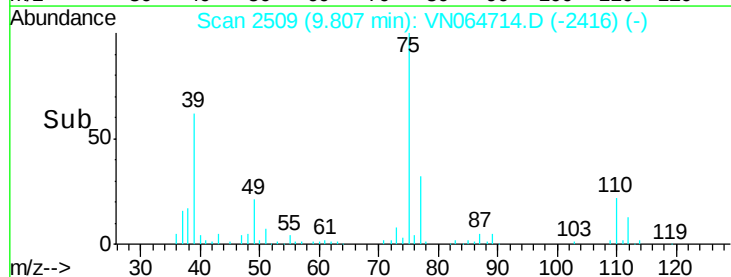
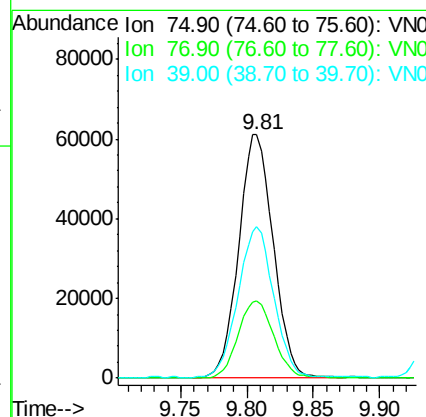
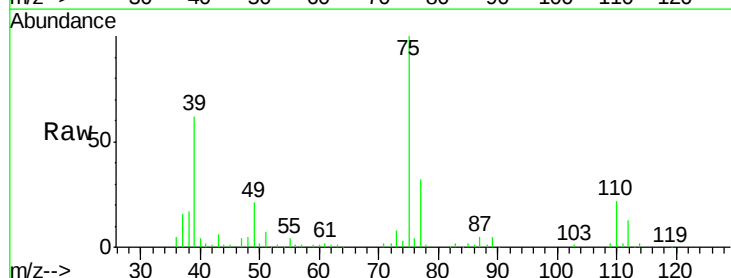
Manual Integrations  
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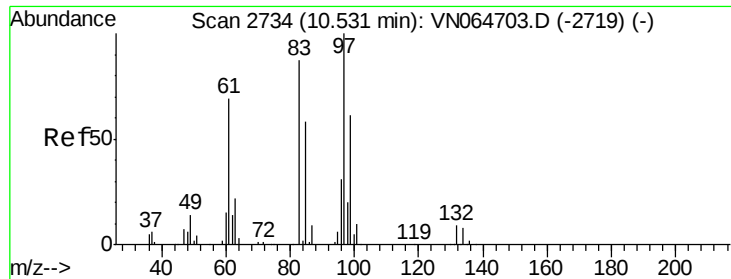
MMDadoda  
11/19/2020 2:11:03 PM



#54  
cis-1,3-Dichloropropene  
Concen: 18.452 ug/l  
RT: 9.81 min Scan# 2509  
Delta R.T. -0.00 min  
Lab File: VN064714.D  
Acq: 18 Nov 2020 18:12

Tgt Ion: 75 Resp: 111085  
Ion Ratio Lower Upper  
75 100  
77 31.7 25.8 38.8  
39 61.7 50.5 75.7





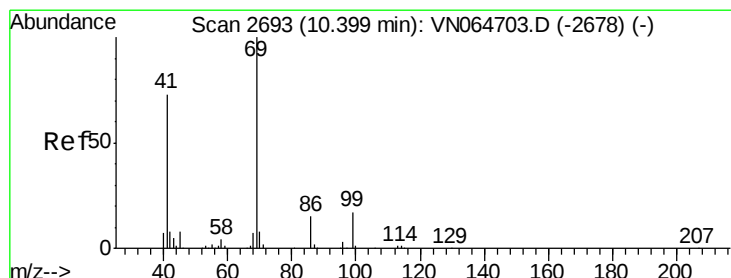
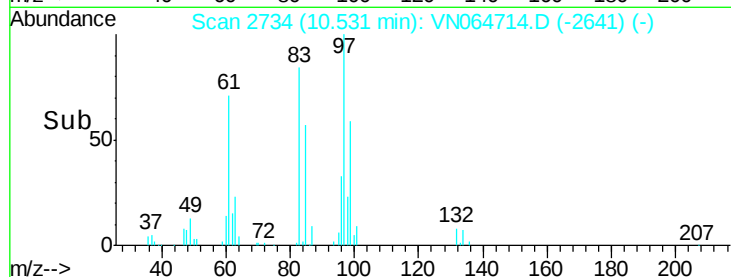
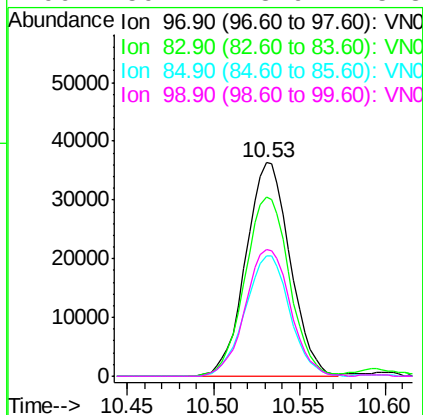
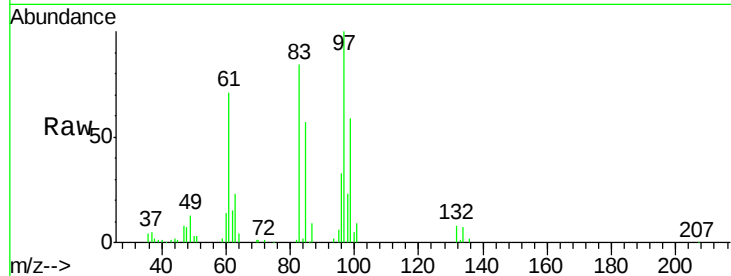
#55  
 1,1,2-Trichloroethane  
 Concen: 19.103 ug/l  
 RT: 10.53 min Scan# 2734  
 Delta R.T. -0.00 min  
 Lab File: VN064714.D  
 Acq: 18 Nov 2020 18:12

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1118WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 64900 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 83.9  | 69.6  | 104.4 |
| 85       | 56.5  | 46.6  | 70.0  |
| 99       | 59.4  | 48.9  | 73.3  |

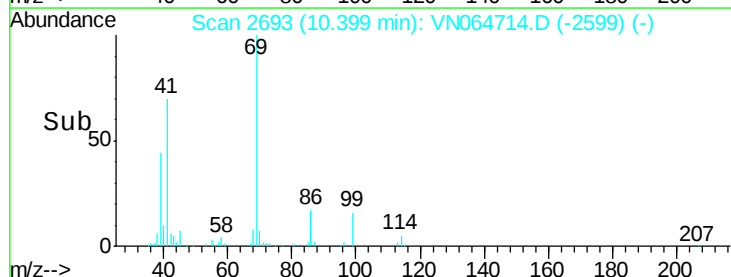
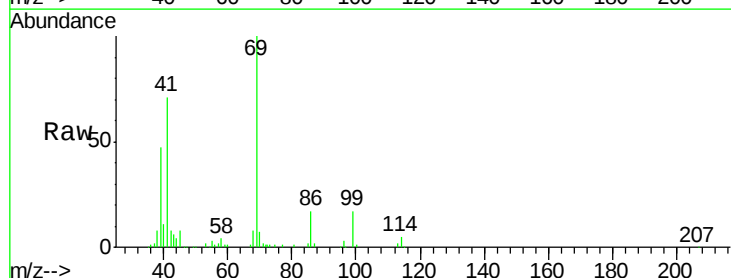
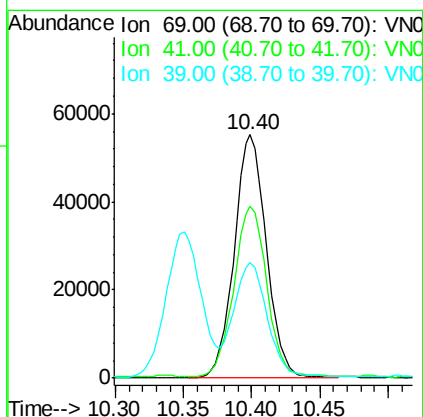
Manual Integrations  
 APPROVED

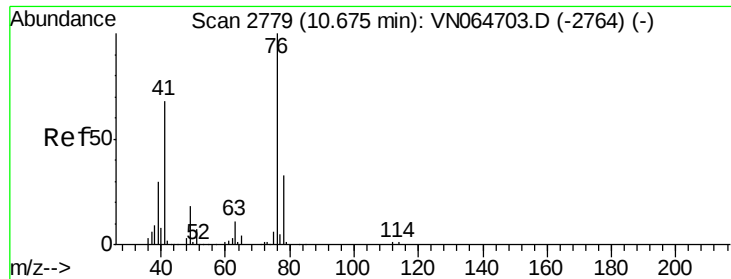
MMDadoda  
 11/19/2020 2:11:03 PM



#56  
 Ethyl methacrylate  
 Concen: 17.983 ug/l  
 RT: 10.40 min Scan# 2693  
 Delta R.T. 0.00 min  
 Lab File: VN064714.D  
 Acq: 18 Nov 2020 18:12

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 90195 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 72.3  | 59.0  | 88.4  |
| 39       | 48.6  | 38.4  | 57.6  |





#57

1,3-Dichloropropane

Concen: 18.824 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

Instrument :

MSVOA\_N

ClientSampleId :

VN1118WBSD01

Tot Ion: 76 Resp: 110782

Ion Ratio Lower Upper

76 100

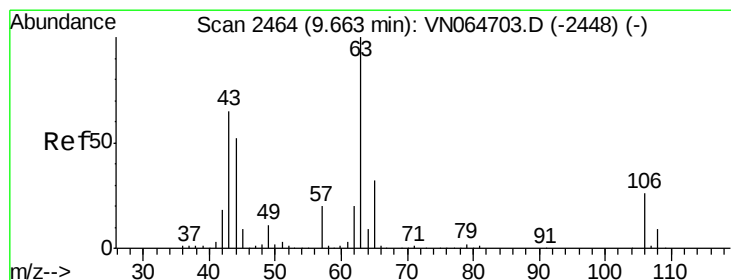
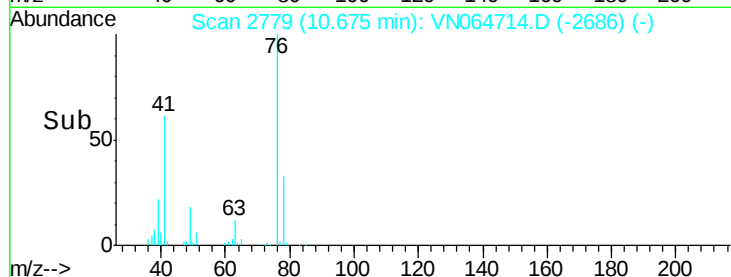
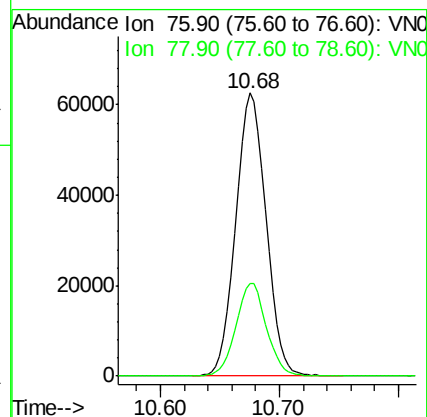
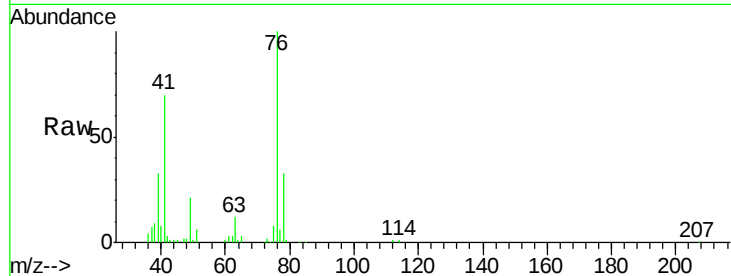
78 32.9 26.4 39.6

Manual Integrations

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MMDadoda

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#58

2-Chloroethyl Vinyl ether

Concen: 88.144 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064714.D

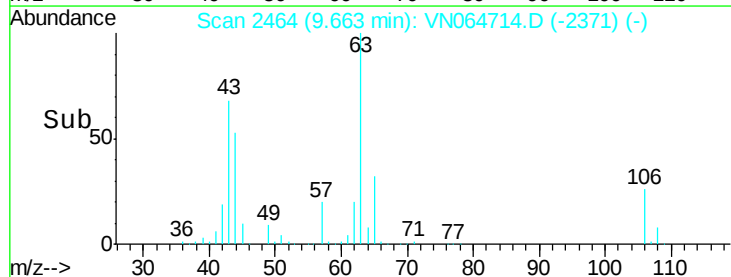
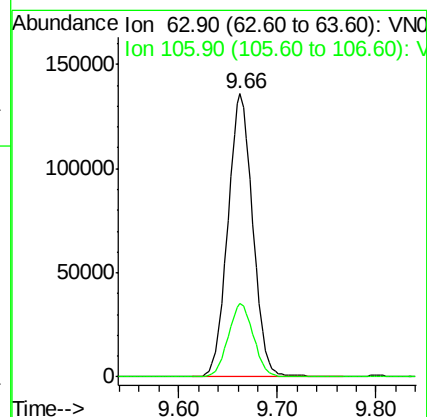
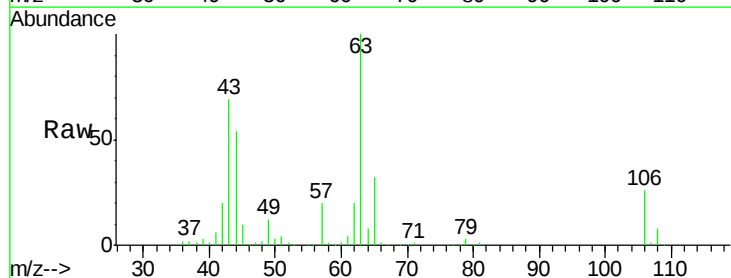
Acq: 18 Nov 2020 18:12

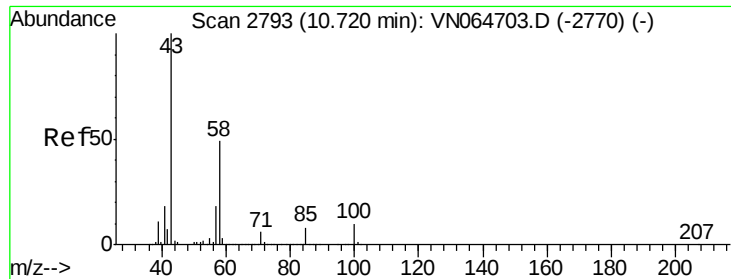
Tgt Ion: 63 Resp: 241109

Ion Ratio Lower Upper

63 100

106 26.3 20.9 31.3





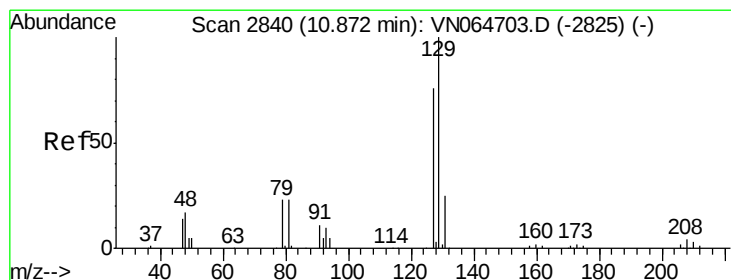
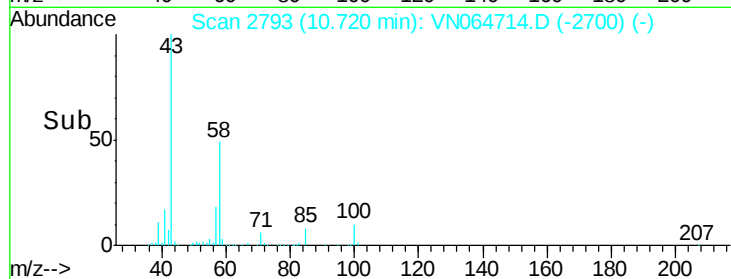
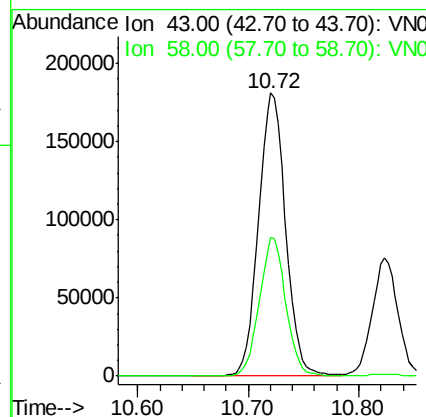
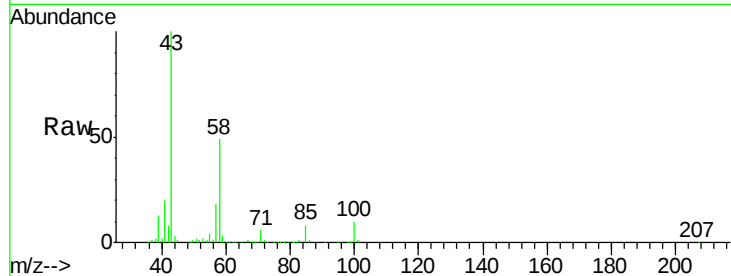
#59  
2-Hexanone  
Concen: 92.063 ug/l  
RT: 10.72 min Scan# 2793  
Delta R.T. 0.00 min  
Lab File: VN064714.D  
Acq: 18 Nov 2020 18:12

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1118WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 47.9  | 24.4  | 73.4  |

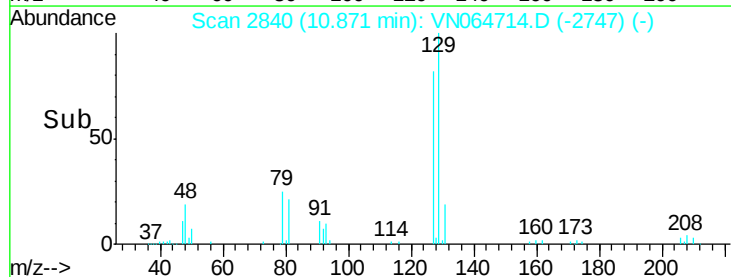
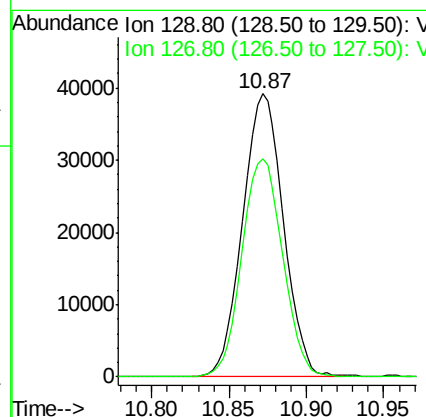
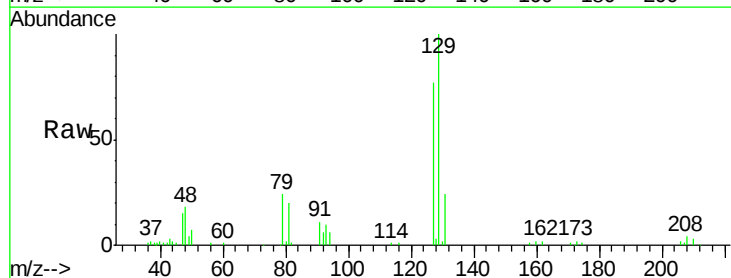
Manual Integrations  
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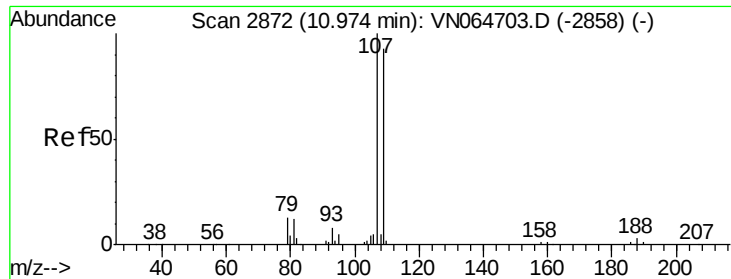
MMDadoda  
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#60  
Dibromochloromethane  
Concen: 18.345 ug/l  
RT: 10.87 min Scan# 2840  
Delta R.T. -0.00 min  
Lab File: VN064714.D  
Acq: 18 Nov 2020 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 100   |       |       |
| 127     | 76.9  | 38.8  | 116.4 |





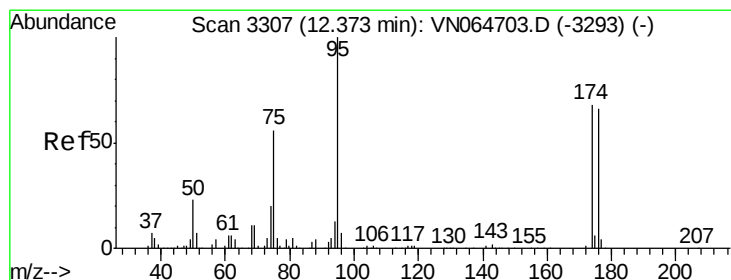
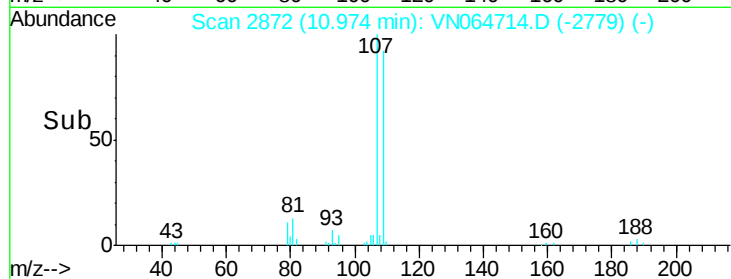
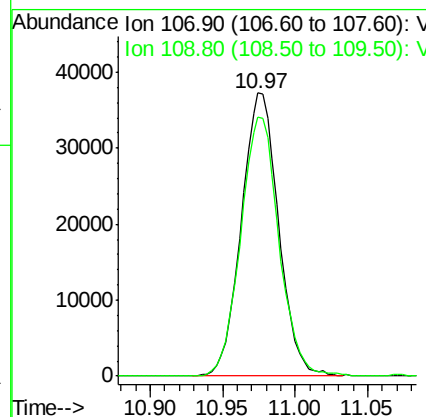
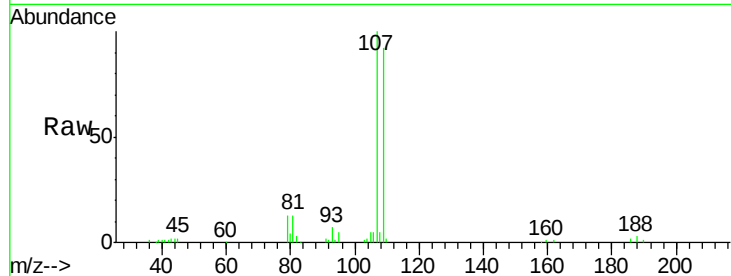
#61  
 1,2-Dibromoethane  
 Concen: 18.323 ug/l  
 RT: 10.97 min Scan# 2872  
 Delta R.T. -0.00 min  
 Lab File: VN064714.D  
 Acq: 18 Nov 2020 18:12

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1118WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 94.2  | 74.2  | 111.4 |

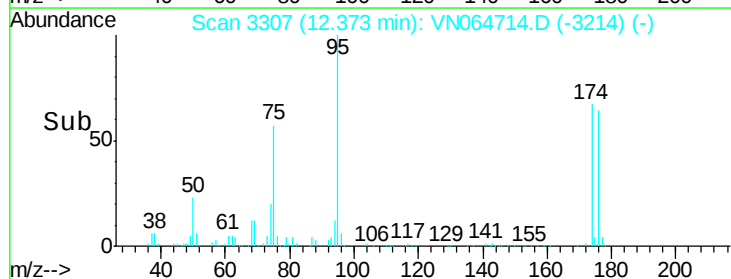
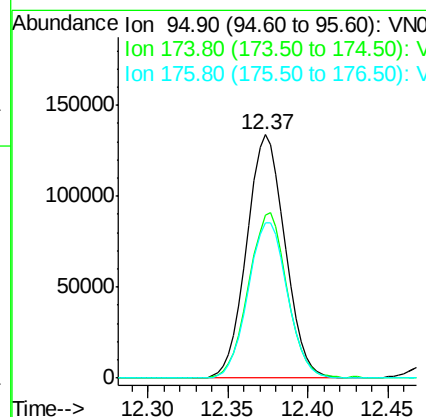
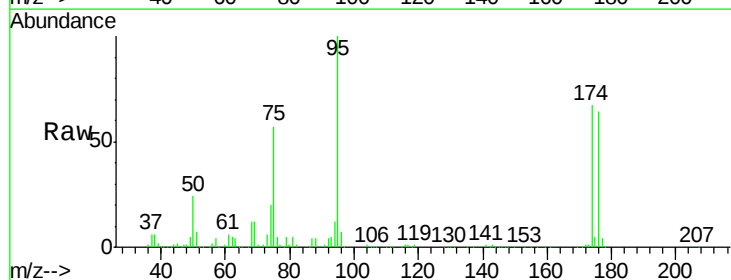
Manual Integrations  
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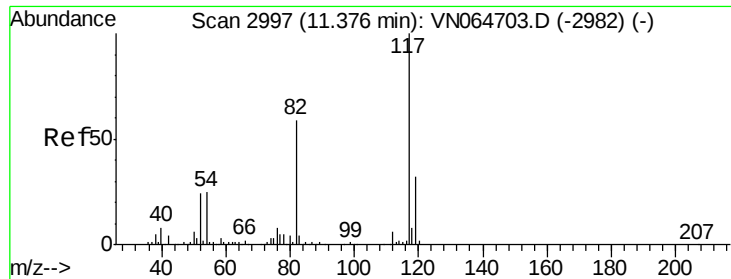
MMDadoda  
 11/19/2020 2:11:03 PM



#62  
 4-Bromofluorobenzene  
 Concen: 47.149 ug/l  
 RT: 12.37 min Scan# 3307  
 Delta R.T. -0.00 min  
 Lab File: VN064714.D  
 Acq: 18 Nov 2020 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 68.0  | 0.0   | 136.8 |
| 176     | 65.8  | 0.0   | 134.2 |





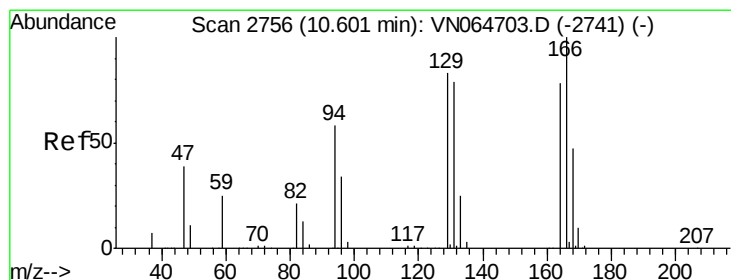
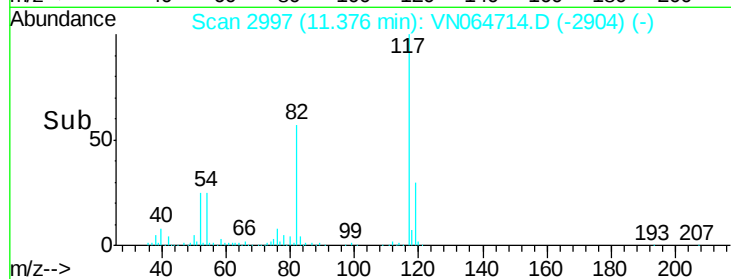
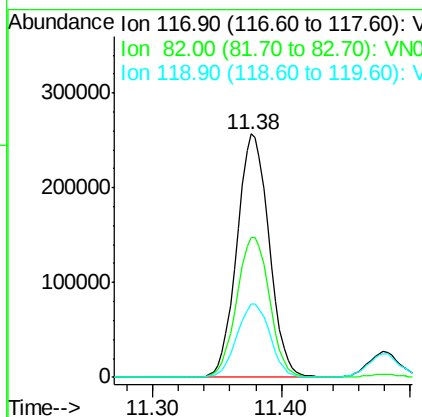
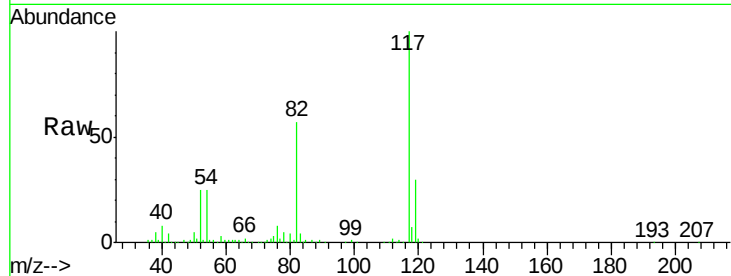
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2997  
Delta R.T. -0.00 min  
Lab File: VN064714.D  
Acq: 18 Nov 2020 18:12

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1118WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 57.5  | 47.0  | 70.6  |
| 119     | 30.2  | 25.4  | 38.2  |

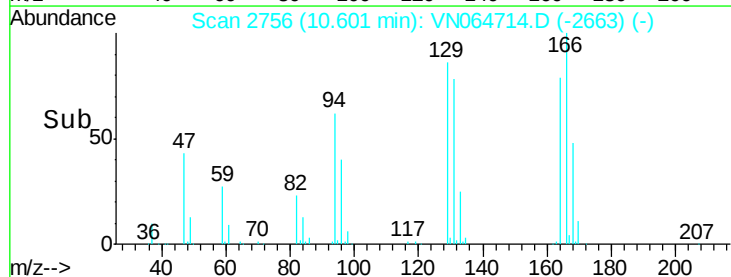
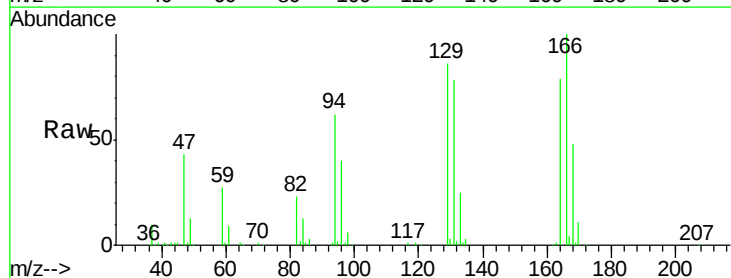
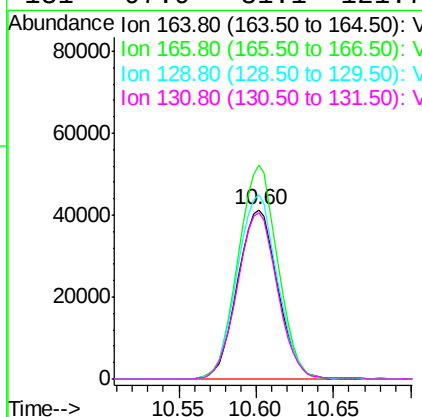
Manual Integrations  
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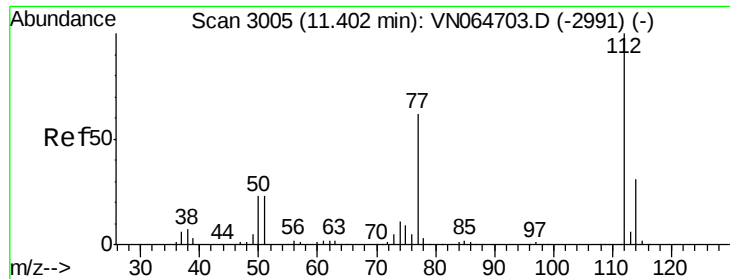
MMDadoda  
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#64  
Tetrachloroethene  
Concen: 18.969 ug/l  
RT: 10.60 min Scan# 2756  
Delta R.T. -0.00 min  
Lab File: VN064714.D  
Acq: 18 Nov 2020 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 126.1 | 102.2 | 153.4 |
| 129     | 108.9 | 84.7  | 127.1 |
| 131     | 97.9  | 81.1  | 121.7 |





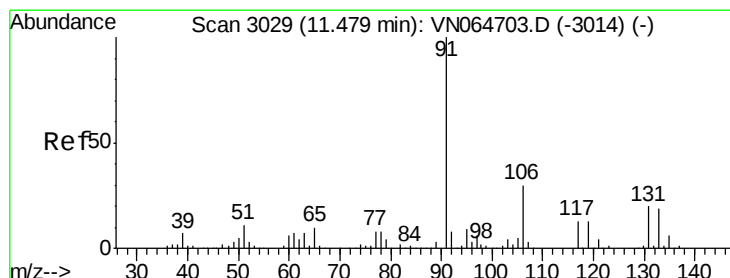
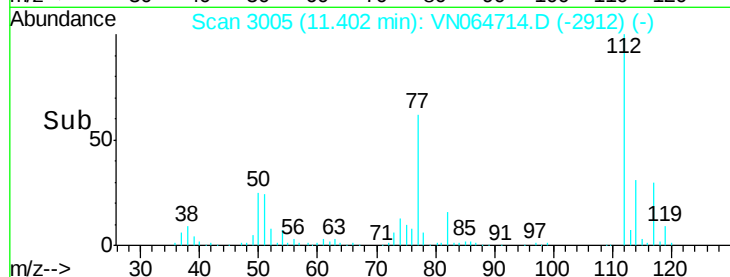
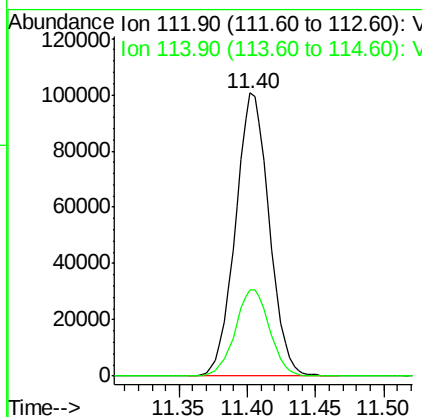
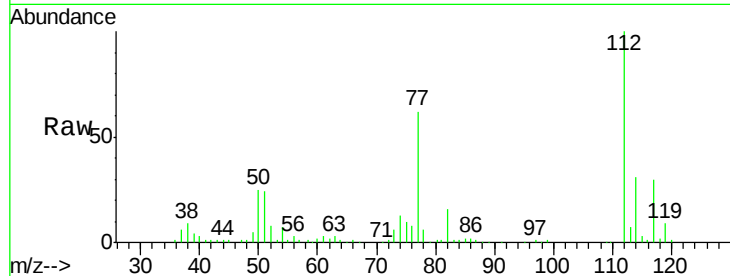
#65  
Chlorobenzene  
Concen: 18.214 ug/l  
RT: 11.40 min Scan# 3005  
Delta R.T. -0.00 min  
Lab File: VN064714.D  
Acq: 18 Nov 2020 18:12

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1118WBSD01

Tot Ion:112 Resp: 172610  
Ion Ratio Lower Upper  
112 100  
114 30.5 24.7 37.1

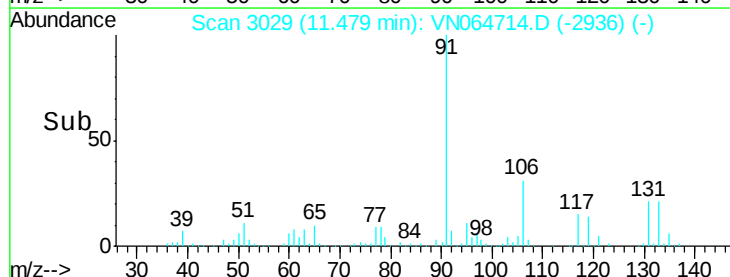
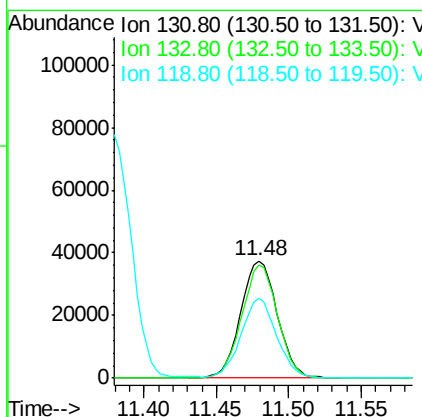
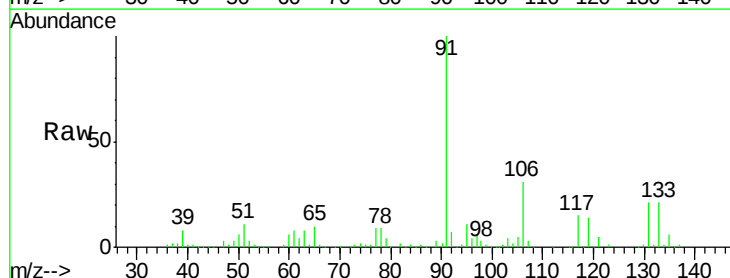
Manual Integrations  
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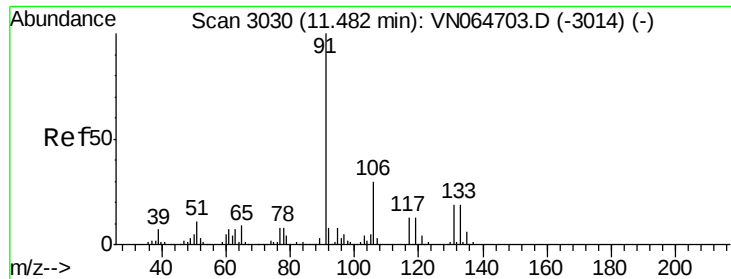
MMDadoda  
11/19/2020 2:11:03 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.584 ug/l  
RT: 11.48 min Scan# 3029  
Delta R.T. -0.00 min  
Lab File: VN064714.D  
Acq: 18 Nov 2020 18:12

Tgt Ion:131 Resp: 65806  
Ion Ratio Lower Upper  
131 100  
133 94.5 48.8 146.4  
119 65.8 33.5 100.4





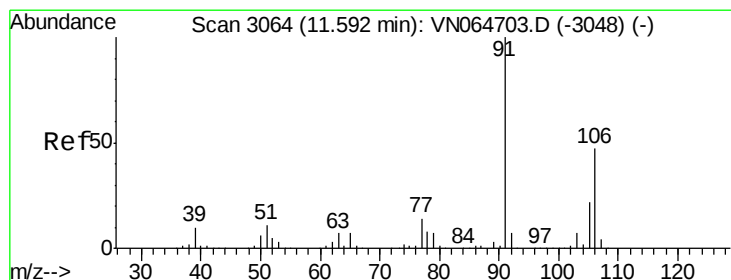
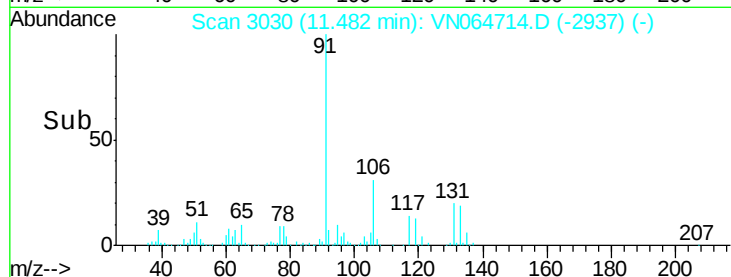
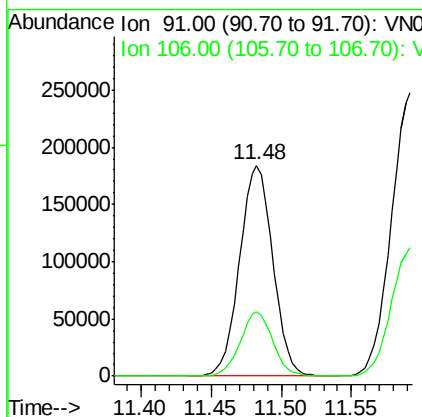
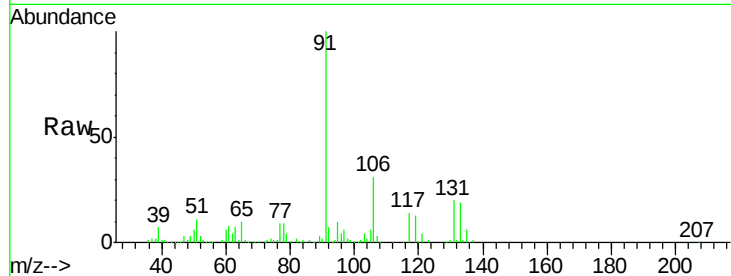
#67  
Ethyl Benzene  
Concen: 18.172 ug/l  
RT: 11.48 min Scan# 3030  
Delta R.T. -0.00 min  
Lab File: VN064714.D  
Acq: 18 Nov 2020 18:12

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1118WBSD01

Tot Ion: 91 Resp: 303643  
Ion Ratio Lower Upper  
91 100  
106 30.6 23.9 35.9

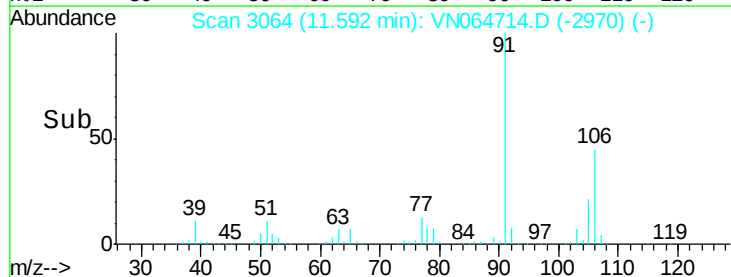
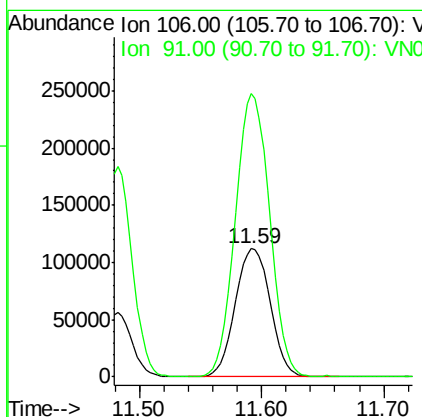
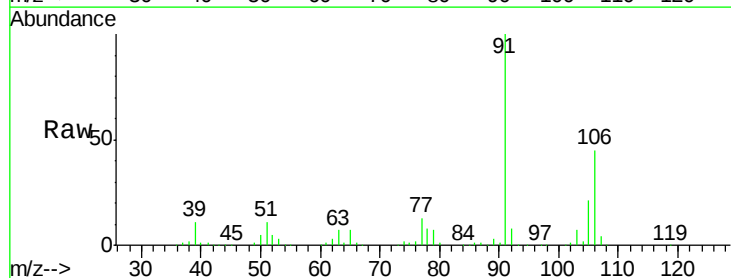
Manual Integrations  
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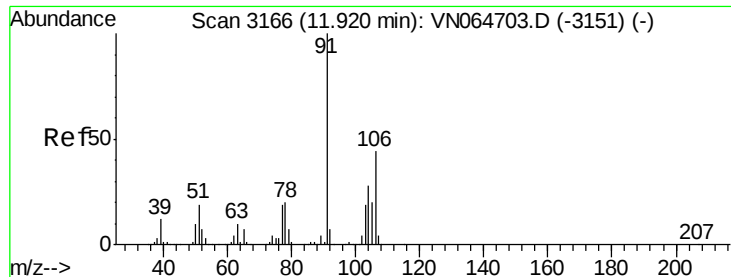
MMDadoda  
11/19/2020 2:11:03 PM



#68  
m/p-Xylenes  
Concen: 35.425 ug/l  
RT: 11.59 min Scan# 3064  
Delta R.T. 0.00 min  
Lab File: VN064714.D  
Acq: 18 Nov 2020 18:12

Tgt Ion: 106 Resp: 221811  
Ion Ratio Lower Upper  
106 100  
91 215.6 171.9 257.9





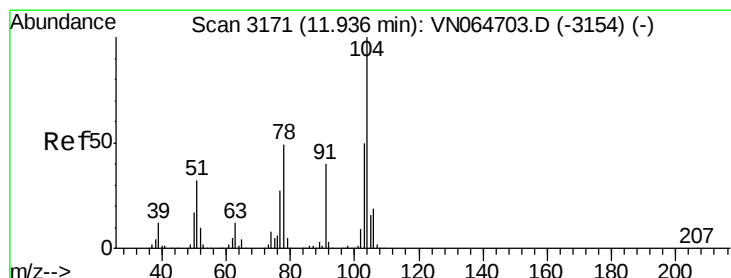
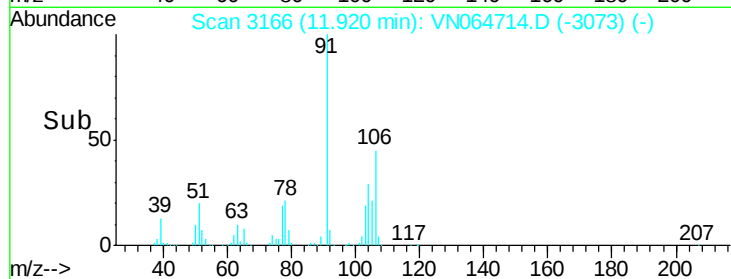
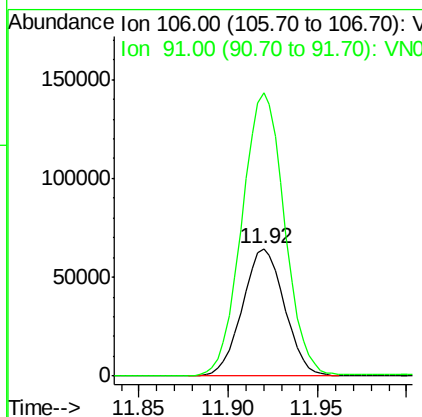
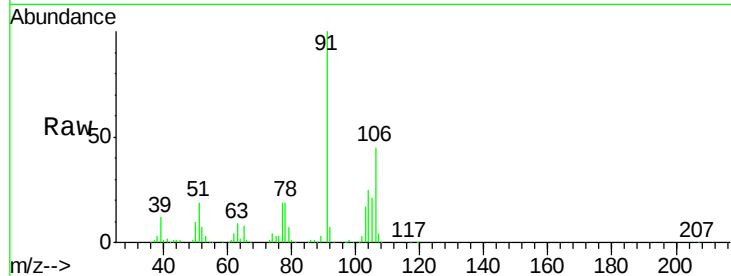
#69  
o-Xylene  
Concen: 18.220 ug/l  
RT: 11.92 min Scan# 3166  
Delta R.T. -0.00 min  
Lab File: VN064714.D  
Acq: 18 Nov 2020 18:12

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1118WBSD01

| Tot Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 106     | 106 | 100   | 106216 |       |       |
| 91      | 91  | 224.6 | 112.1  | 336.3 |       |

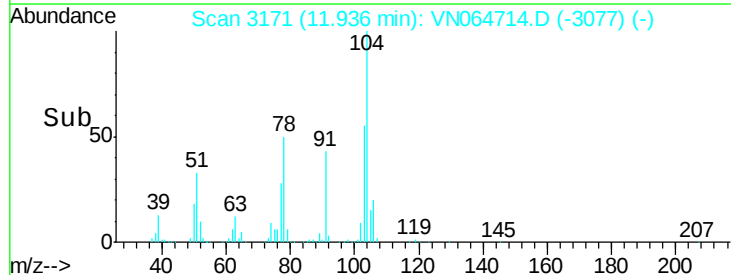
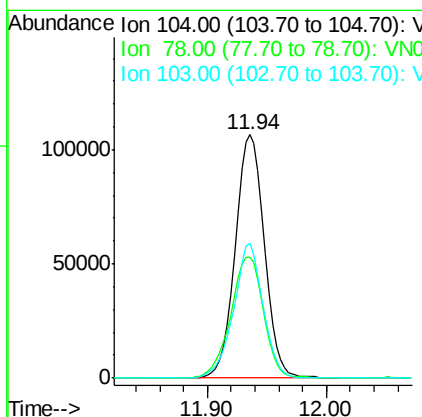
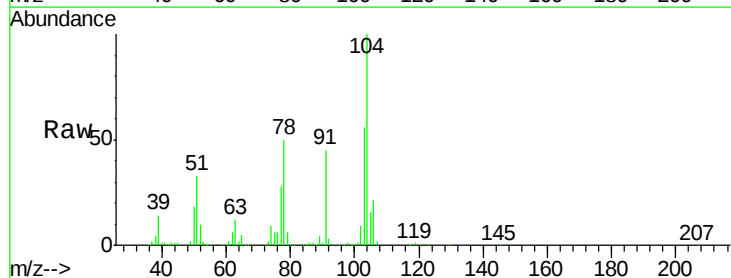
Manual Integrations  
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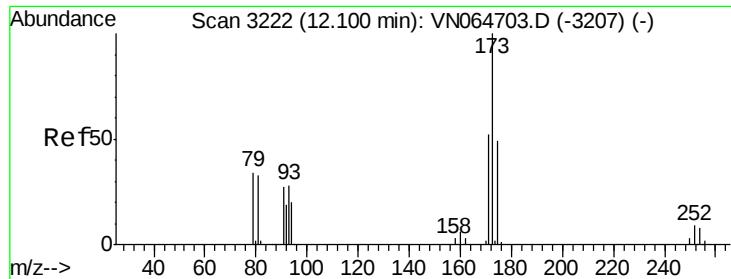
MMDadoda  
11/19/2020 2:11:03 PM



#70  
Styrene  
Concen: 17.632 ug/l  
RT: 11.94 min Scan# 3171  
Delta R.T. 0.00 min  
Lab File: VN064714.D  
Acq: 18 Nov 2020 18:12

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 104     | 104 | 100   | 180794 |       |       |
| 78      | 78  | 56.2  | 44.1   | 66.1  |       |
| 103     | 103 | 55.9  | 43.7   | 65.5  |       |





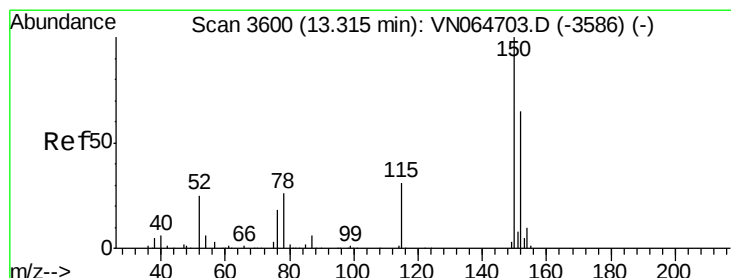
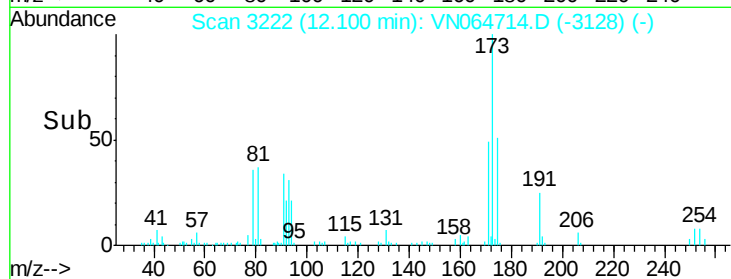
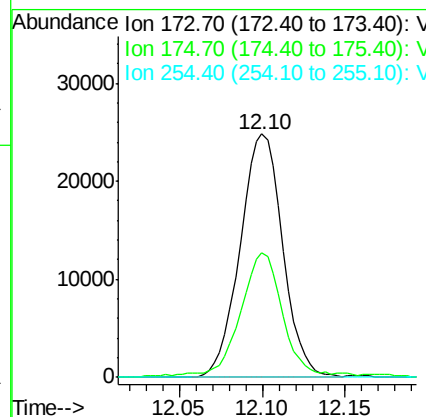
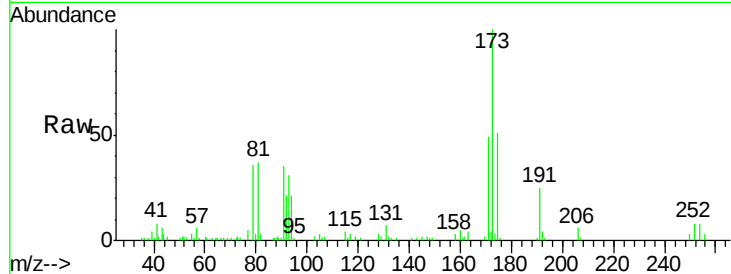
#71  
Bromoform  
Concen: 17.693 ug/l  
RT: 12.10 min Scan# 3222  
Delta R.T. 0.00 min  
Lab File: VN064714.D  
Acq: 18 Nov 2020 18:12

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1118WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 51.5  | 24.3  | 72.9  |
| 254     | 0.0   | 0.1   | 0.1#  |

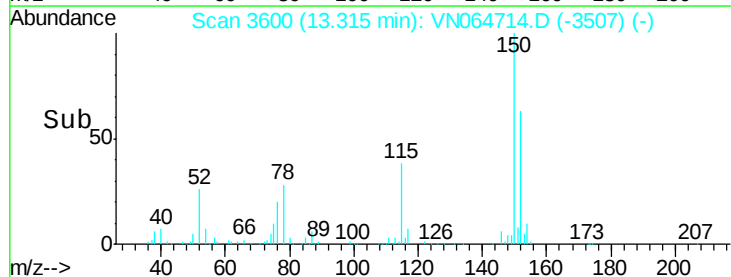
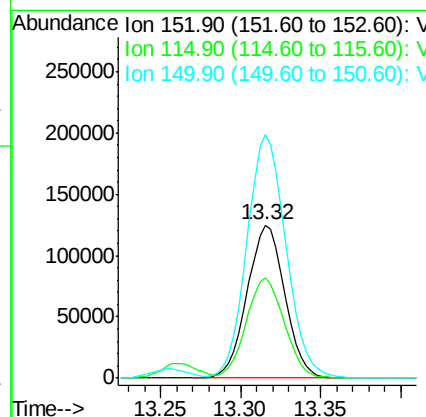
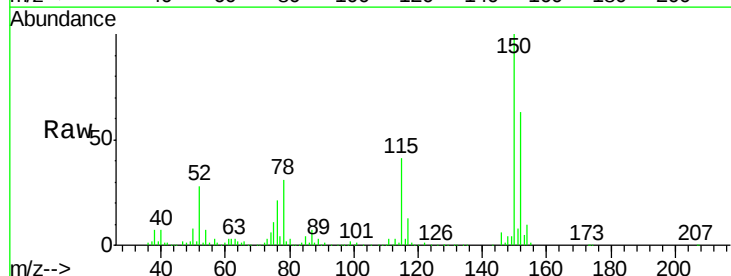
Manual Integrations  
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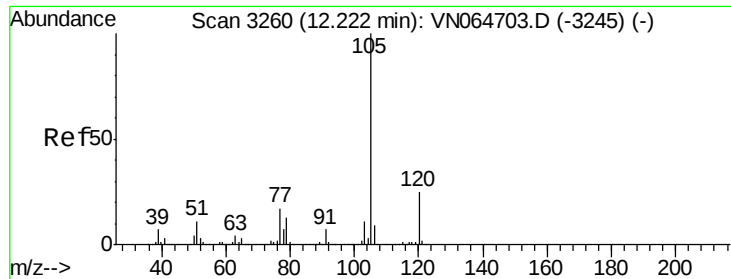
MMDadoda  
11/19/2020 2:11:03 PM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.32 min Scan# 3600  
Delta R.T. -0.00 min  
Lab File: VN064714.D  
Acq: 18 Nov 2020 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 65.3  | 32.1  | 96.3  |
| 150     | 164.1 | 0.0   | 344.8 |





#73

Isopropylbenzene

Concen: 19.649 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

Instrument :

MSVOA\_N

ClientSampleId :

VN1118WBSD01

Tot Ion: 105 Resp: 280821

Ion Ratio Lower Upper

105 100

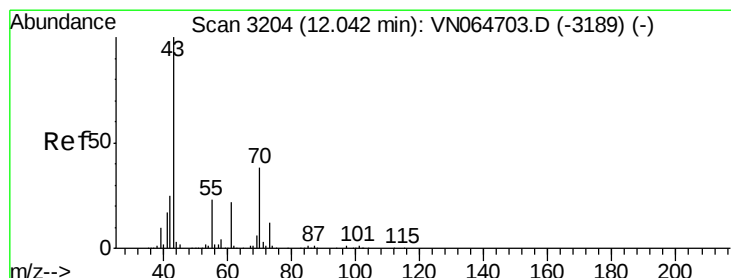
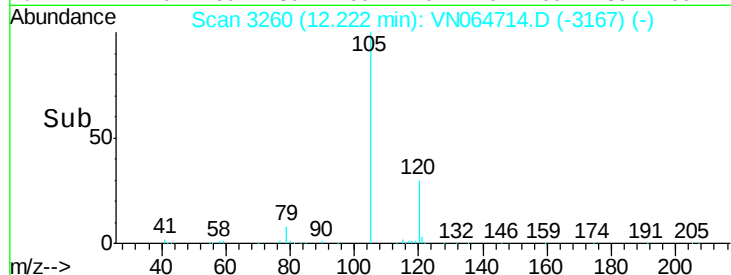
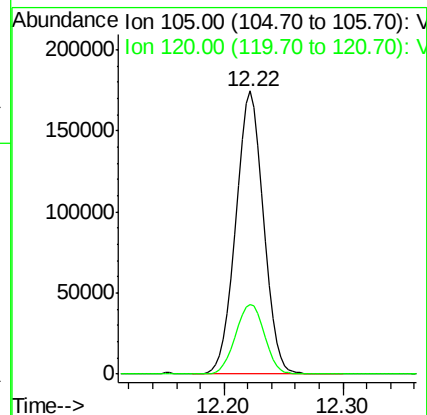
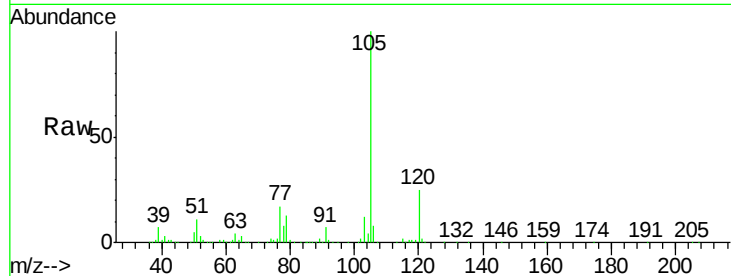
120 25.8 12.8 38.3

Manual Integrations

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#74

N-ethyl acetate

Concen: 19.606 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

Tgt Ion: 43 Resp: 130862

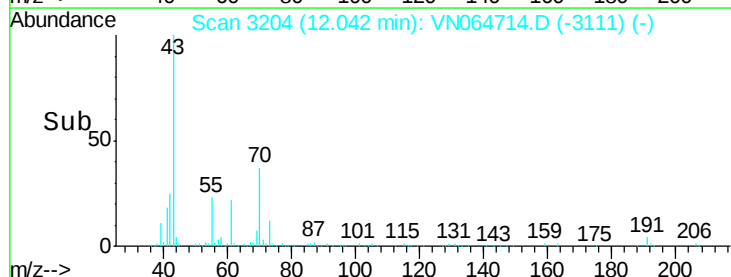
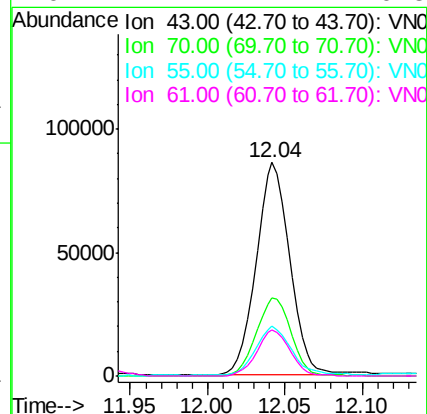
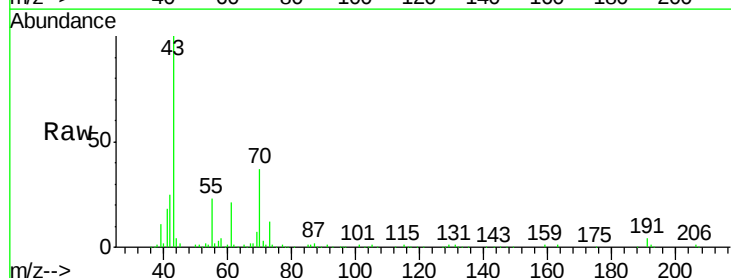
Ion Ratio Lower Upper

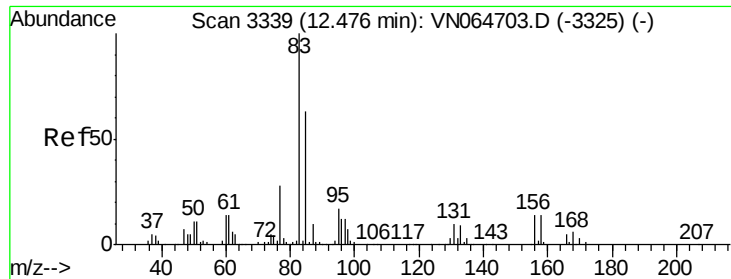
43 100

70 37.8 30.3 45.5

55 24.6 18.9 28.3

61 21.4 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.160 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

Instrument :

MSVOA\_N

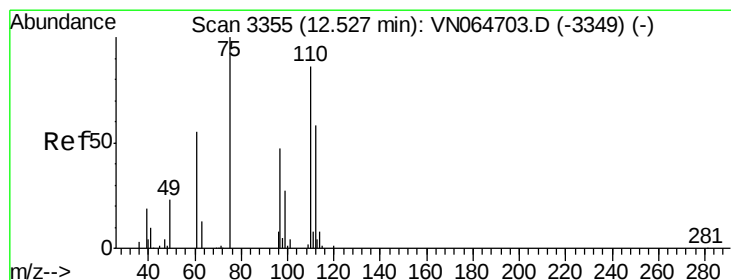
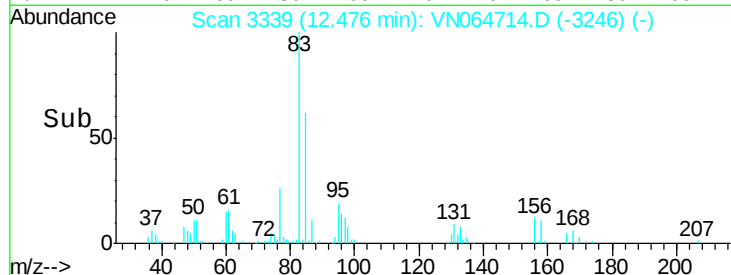
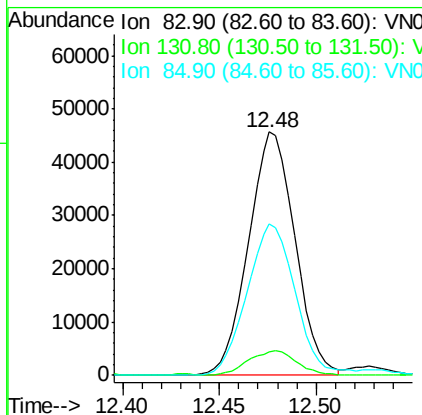
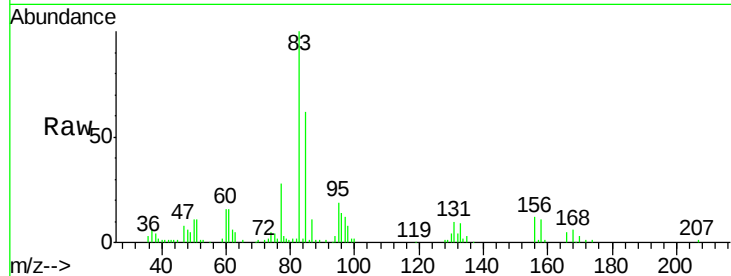
ClientSampleId :

VN1118WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 76558 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 10.6  | 5.0   | 15.0  |
| 85        | 64.6  | 31.8  | 95.4  |

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#76

1,2,3-Trichloropropane

Concen: 18.479 ug/l m

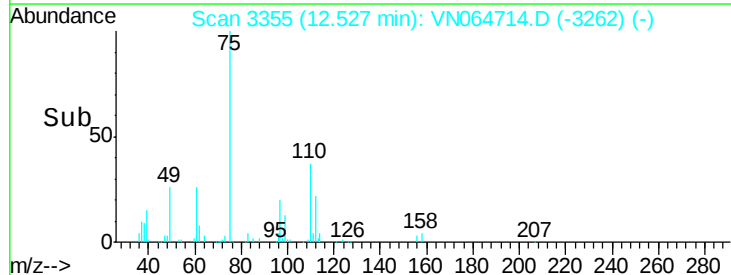
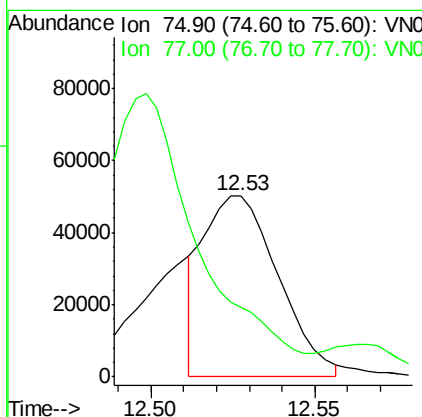
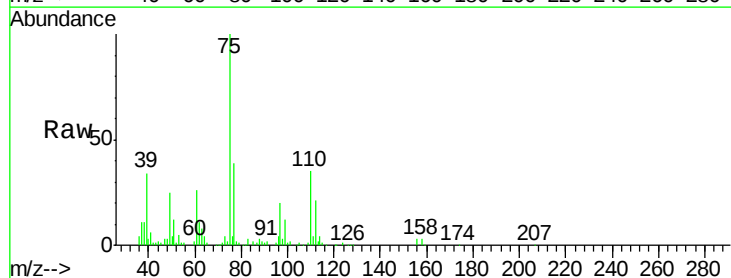
RT: 12.53 min Scan# 3355

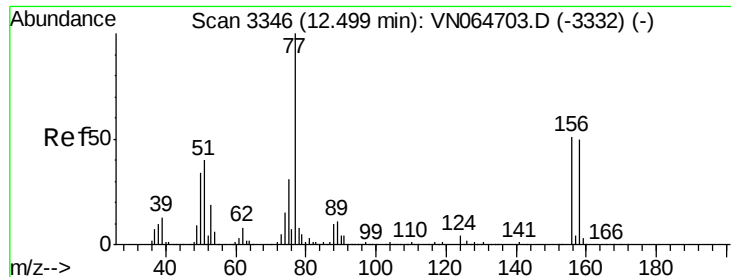
Delta R.T. -0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 80146 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 0.0   | 0.0   |





#77

Bromobenzene

Concen: 19.415 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

Instrument :

MSVOA\_N

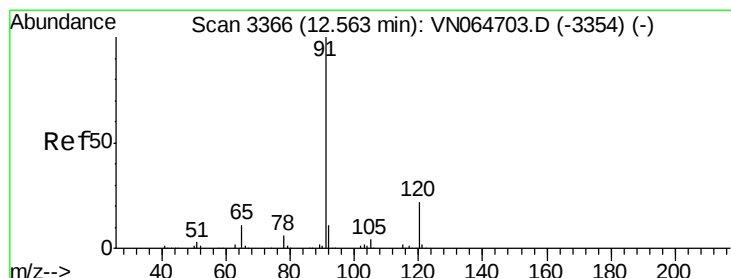
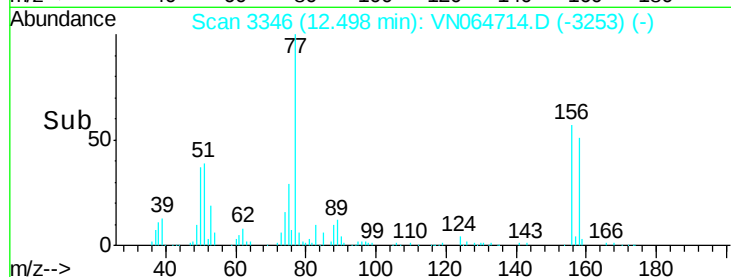
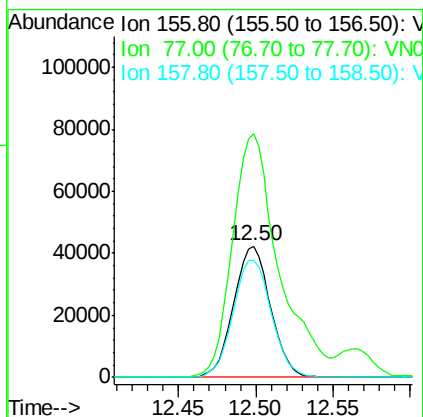
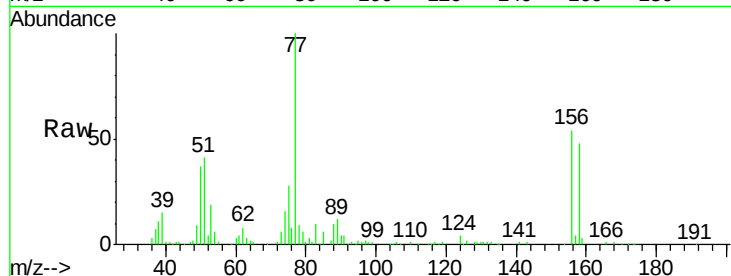
ClientSampleId :

VN1118WBSD01

| Tot Ion   | 156   | Resp  | 69983 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 233.9 | 117.3 | 351.9 |
| 158       | 93.4  | 49.0  | 147.2 |

Manual Integrations  
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#78

n-propylbenzene

Concen: 19.594 ug/l

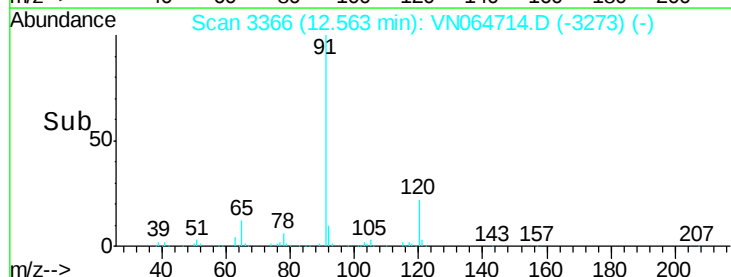
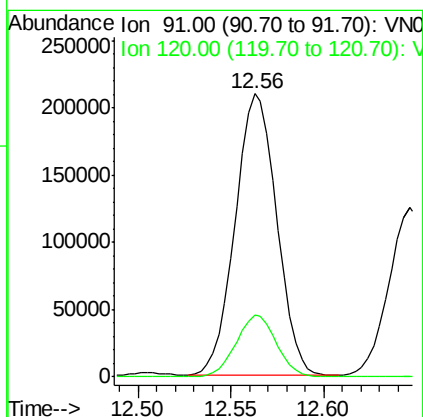
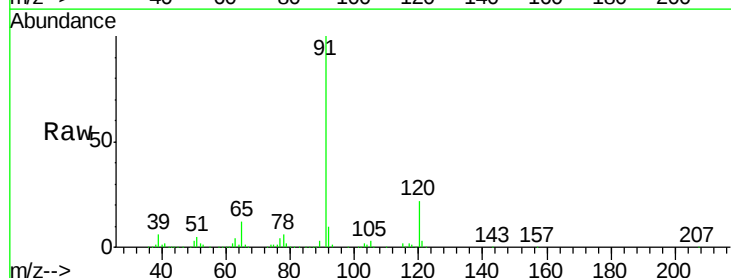
RT: 12.56 min Scan# 3366

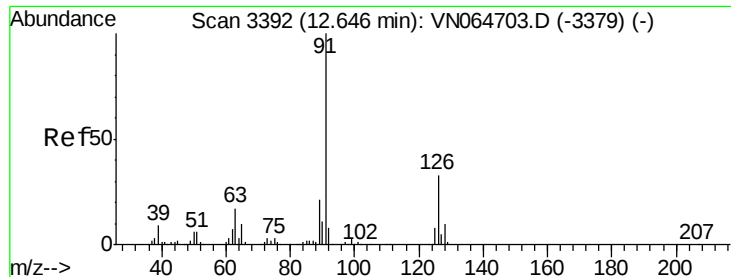
Delta R.T. -0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

| Tgt Ion   | 91    | Resp  | 326119 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 21.5  | 10.9  | 32.9   |





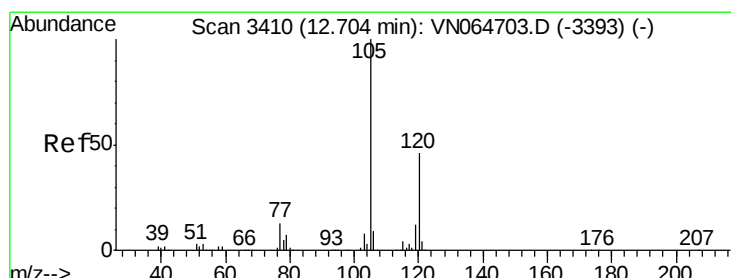
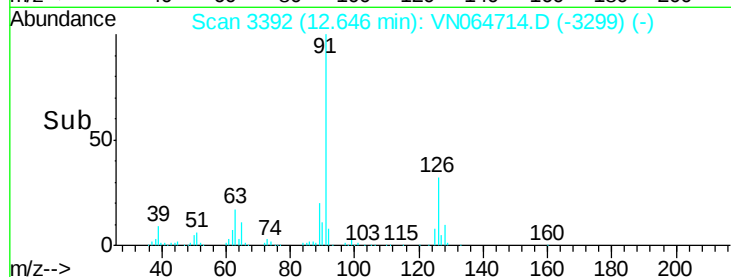
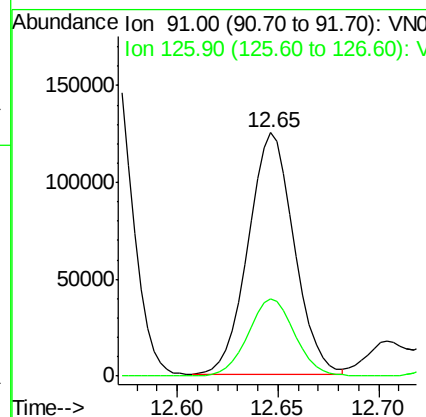
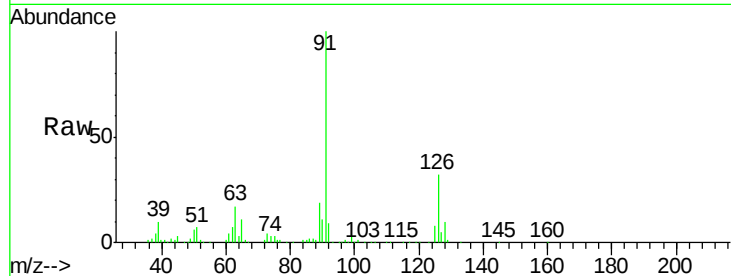
#79  
 2-Chlorotoluene  
 Concen: 18.672 ug/l  
 RT: 12.65 min Scan# 3392  
 Delta R.T. -0.00 min  
 Lab File: VN064714.D  
 Acq: 18 Nov 2020 18:12

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1118WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 32.8  | 16.0  | 48.0  |

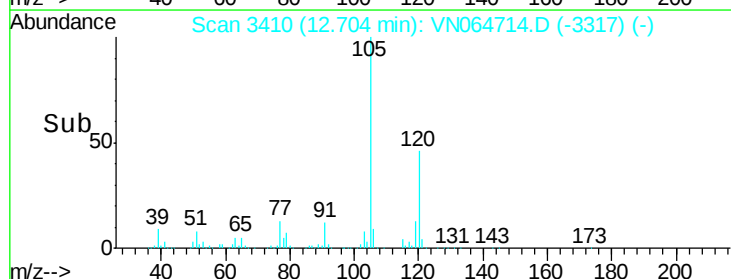
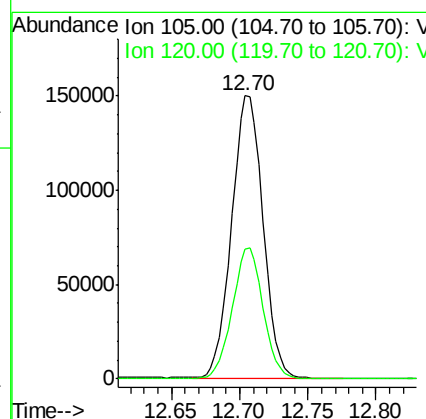
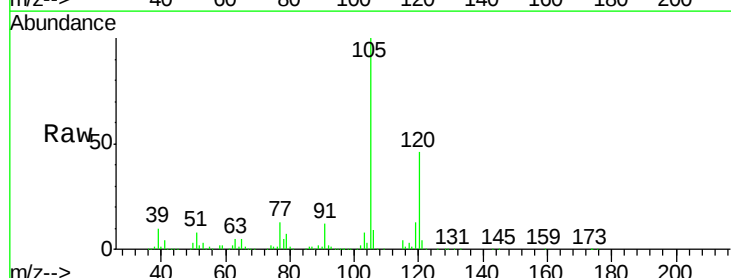
Manual Integrations  
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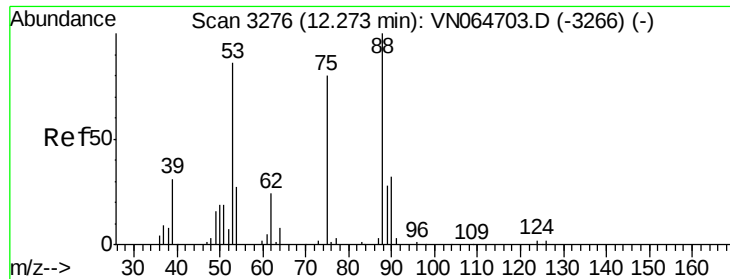
MMDadoda  
 11/19/2020 2:11:03 PM



#80  
 1,3,5-Trimethylbenzene  
 Concen: 20.183 ug/l  
 RT: 12.70 min Scan# 3410  
 Delta R.T. -0.00 min  
 Lab File: VN064714.D  
 Acq: 18 Nov 2020 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 45.7  | 22.9  | 68.8  |





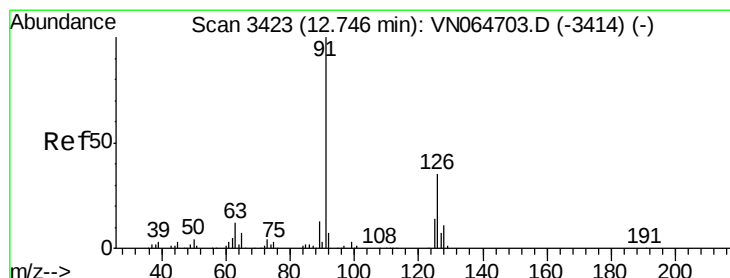
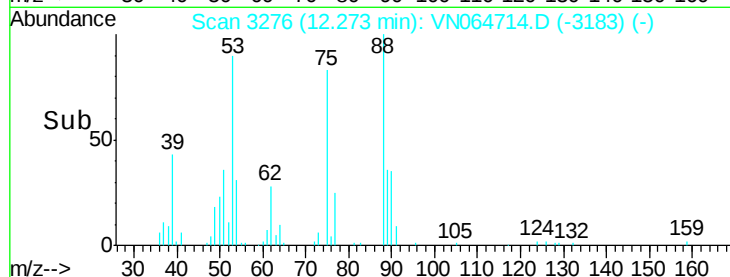
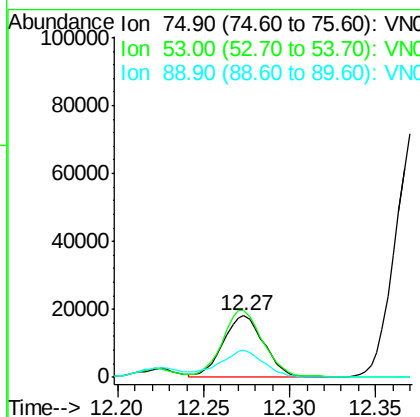
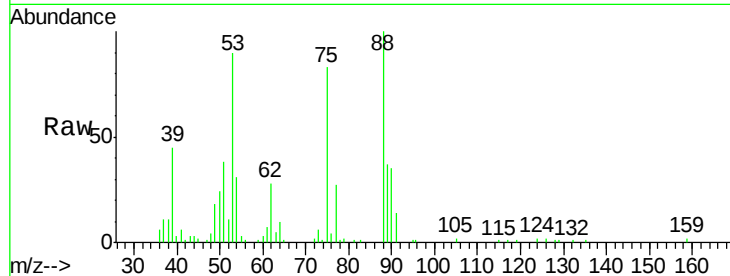
#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.947 ug/l  
RT: 12.27 min Scan# 3276  
Delta R.T. 0.00 min  
Lab File: VN064714.D  
Acq: 18 Nov 2020 18:12

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1118WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 105.5 | 88.8  | 133.2 |
| 89      | 44.6  | 43.1  | 64.7  |

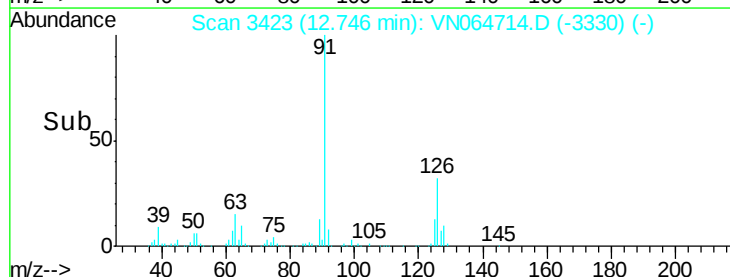
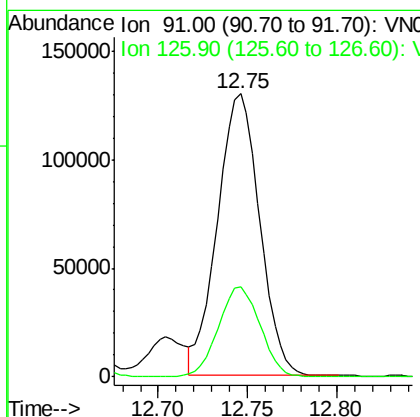
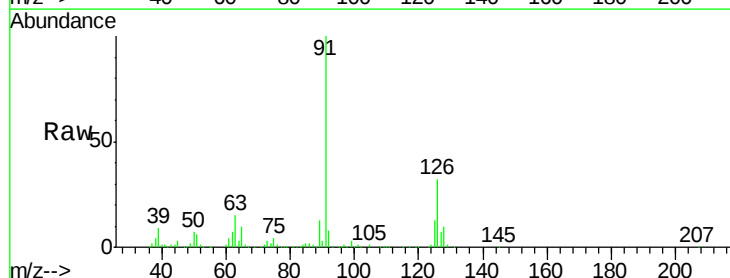
Manual Integrations  
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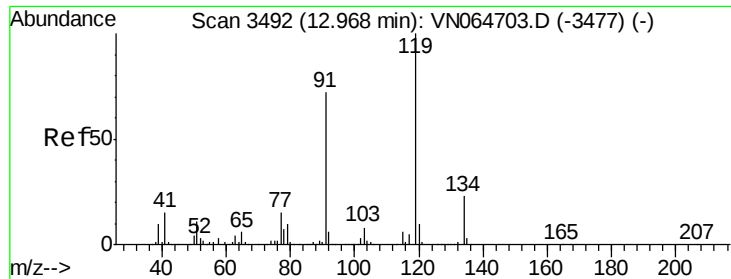
MMDadoda  
11/19/2020 2:11:03 PM



#82  
4-Chlorotoluene  
Concen: 18.733 ug/l  
RT: 12.75 min Scan# 3423  
Delta R.T. -0.00 min  
Lab File: VN064714.D  
Acq: 18 Nov 2020 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 31.8  | 15.9  | 47.7  |





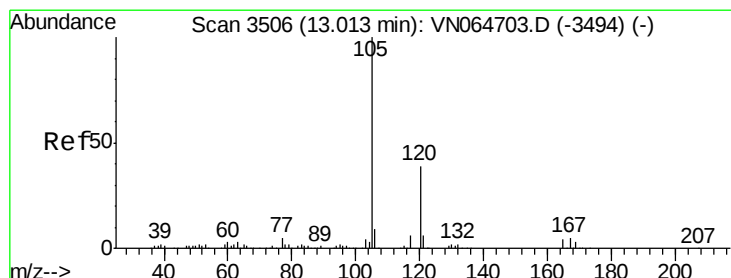
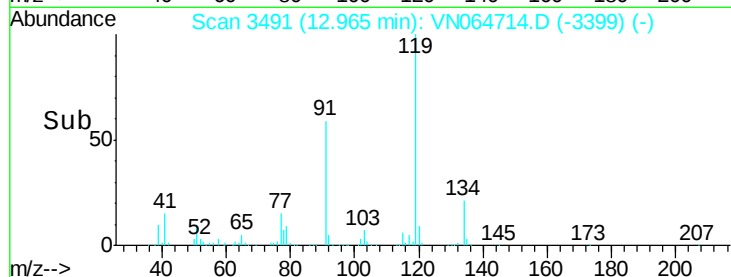
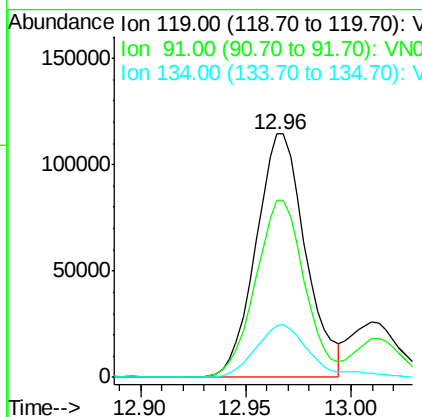
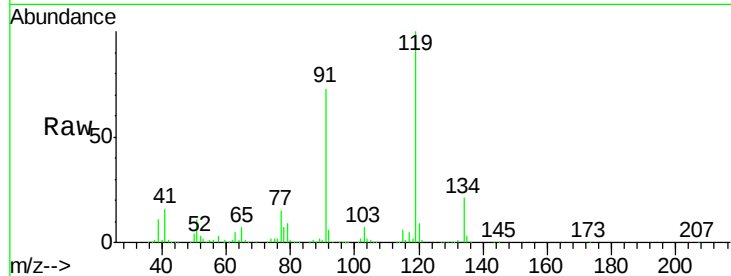
#83  
 tert-Butylbenzene  
 Concen: 20.419 ug/l  
 RT: 12.96 min Scan# 3491  
 Delta R.T. -0.00 min  
 Lab File: VN064714.D  
 Acq: 18 Nov 2020 18:12

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1118WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 187541 |       |       |
| 91      | 71.4  | 35.8   | 107.4 |       |
| 134     | 24.0  | 12.0   | 36.1  |       |

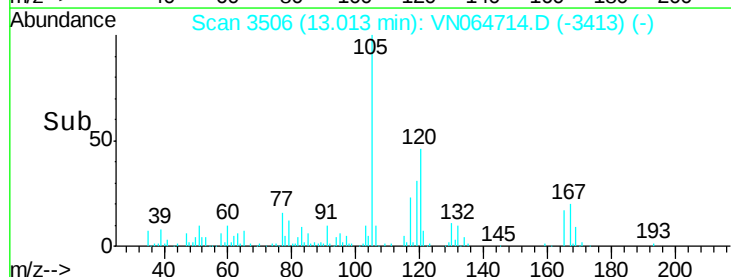
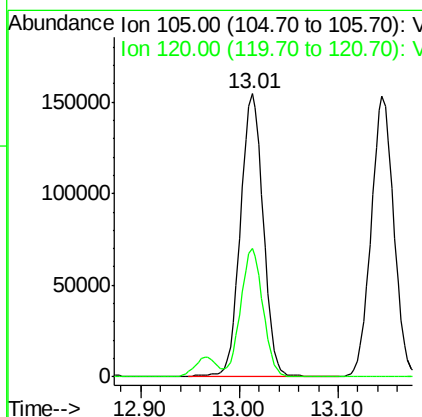
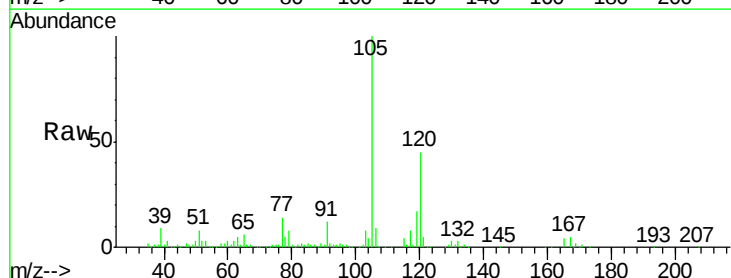
Manual Integrations  
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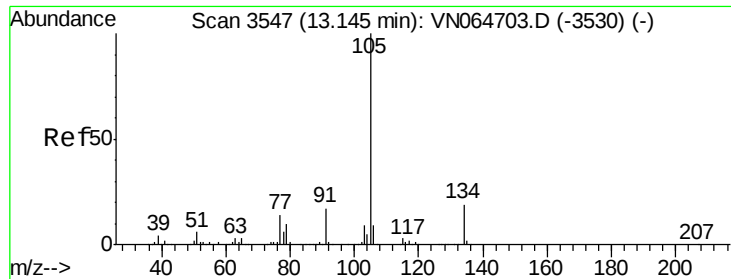
MMDadoda  
 11/19/2020 2:11:03 PM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.230 ug/l  
 RT: 13.01 min Scan# 3506  
 Delta R.T. -0.00 min  
 Lab File: VN064714.D  
 Acq: 18 Nov 2020 18:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 245123 |       |       |
| 120     | 44.4  | 22.0   | 66.0  |       |





#85

sec-Butylbenzene

Concen: 20.099 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

Instrument :

MSVOA\_N

ClientSampleId :

VN1118WBSD01

Tot Ion:105 Resp: 246051

Ion Ratio Lower Upper

105 100

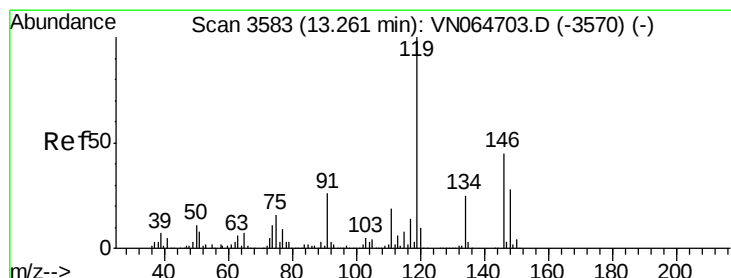
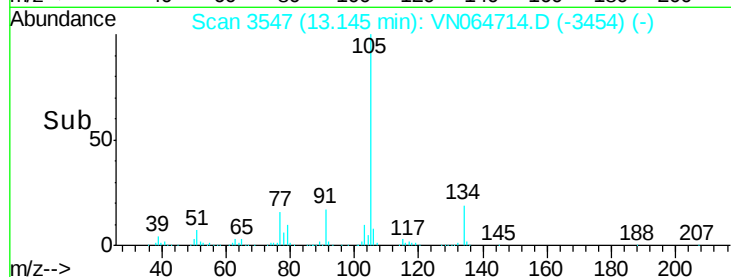
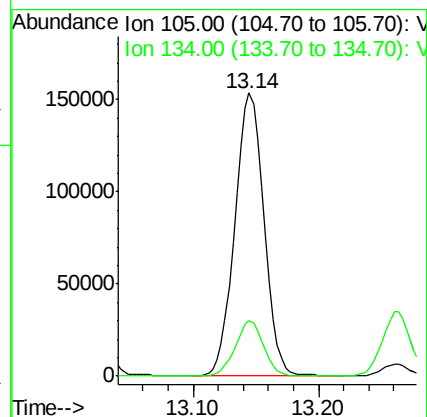
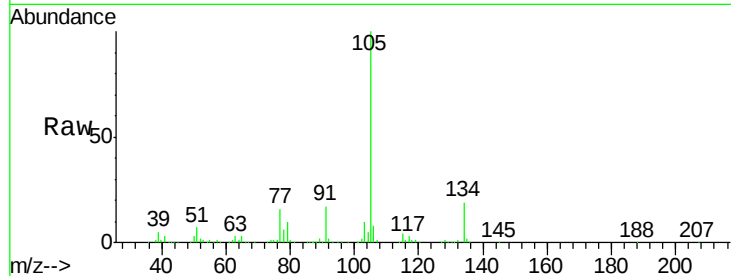
134 19.0 9.5 28.5

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 19.760 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

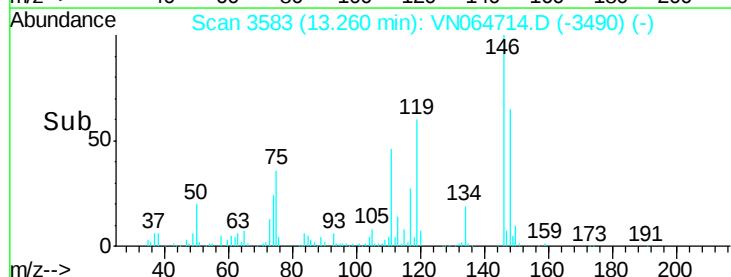
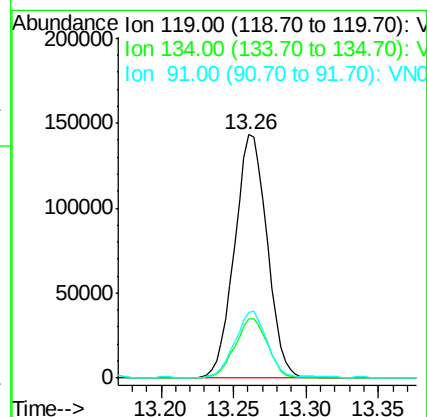
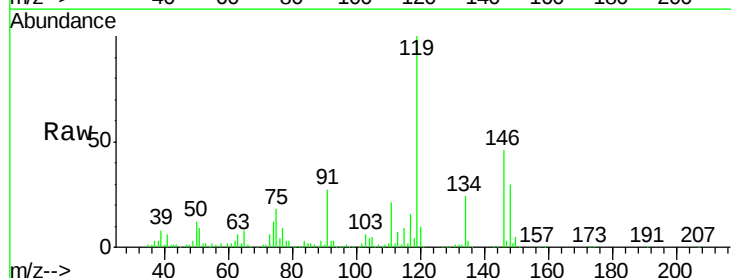
Tgt Ion:119 Resp: 222474

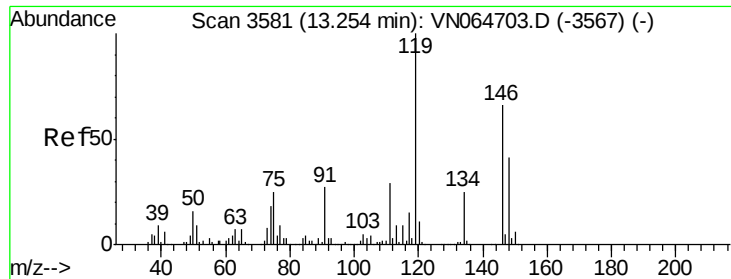
Ion Ratio Lower Upper

119 100

134 24.7 12.7 38.0

91 26.8 13.3 39.8





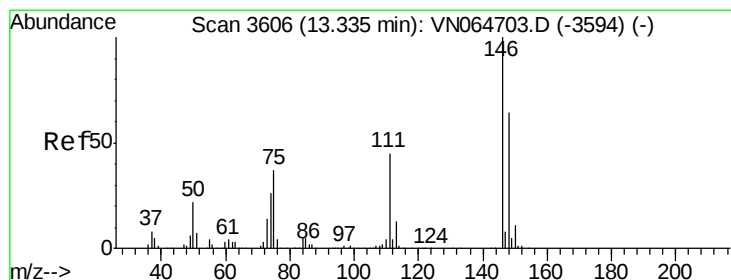
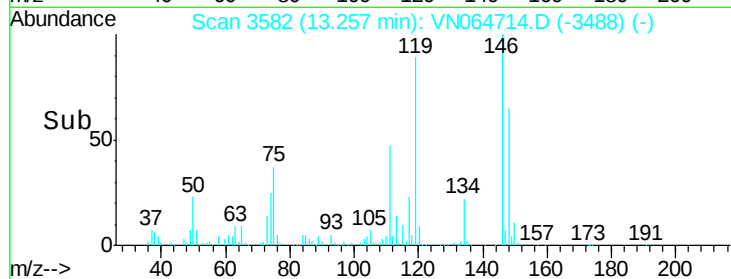
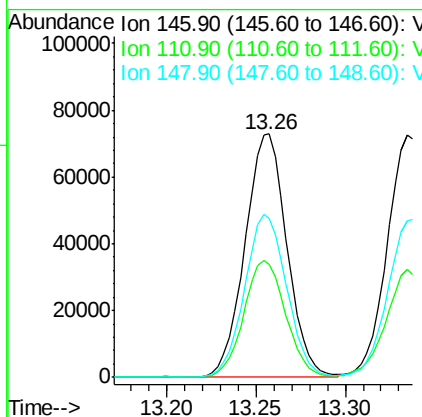
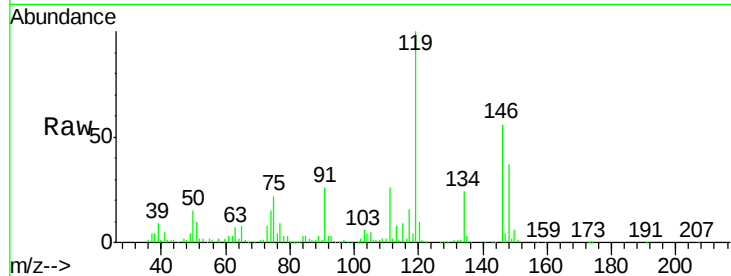
#87  
 1,3-Dichlorobenzene  
 Concen: 18.224 ug/l  
 RT: 13.26 min Scan# 3582  
 Delta R.T. 0.00 min  
 Lab File: VN064714.D  
 Acq: 18 Nov 2020 18:12

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1118WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 119691 |       |       |
| 111     | 47.9  | 21.8   | 65.4  |       |
| 148     | 66.9  | 31.5   | 94.5  |       |

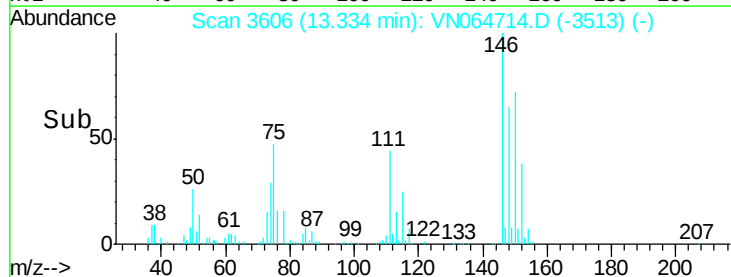
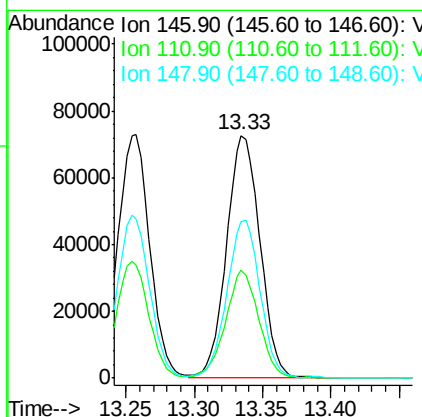
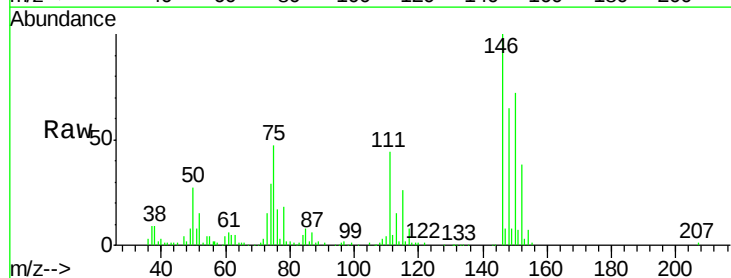
Manual Integrations  
 APPROVED

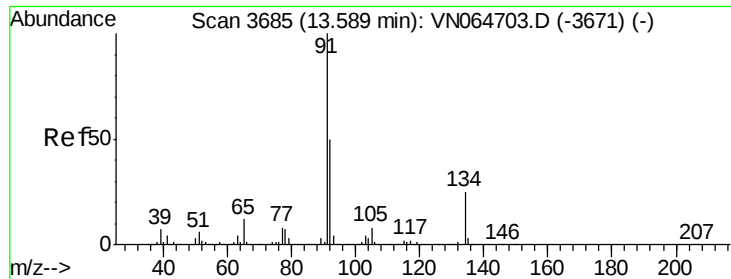
MMDadoda  
 11/19/2020 2:11:03 PM



#88  
 1,4-Dichlorobenzene  
 Concen: 18.411 ug/l  
 RT: 13.33 min Scan# 3606  
 Delta R.T. -0.00 min  
 Lab File: VN064714.D  
 Acq: 18 Nov 2020 18:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 124143 |       |       |
| 111     | 43.4  | 22.3   | 66.8  |       |
| 148     | 64.1  | 31.6   | 94.7  |       |





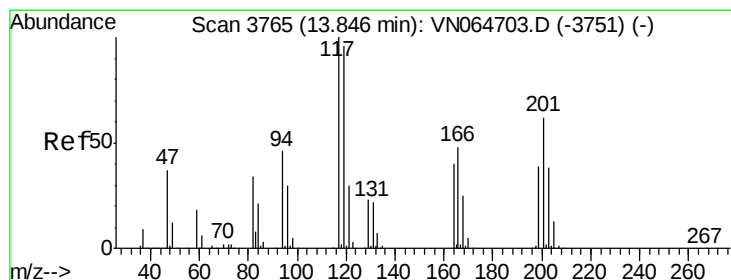
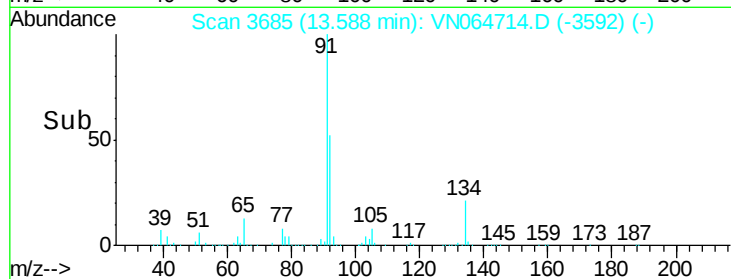
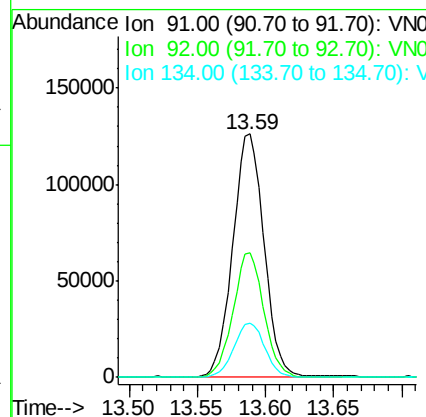
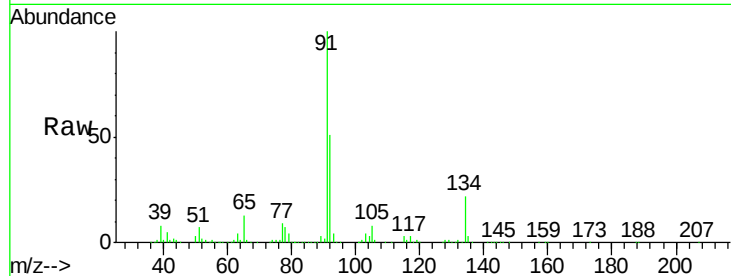
#89  
n-Butylbenzene  
Concen: 18.963 ug/l  
RT: 13.59 min Scan# 3685  
Delta R.T. -0.00 min  
Lab File: VN064714.D  
Acq: 18 Nov 2020 18:12

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1118WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 50.6  | 24.9  | 74.8  |
| 134     | 22.2  | 12.0  | 36.0  |

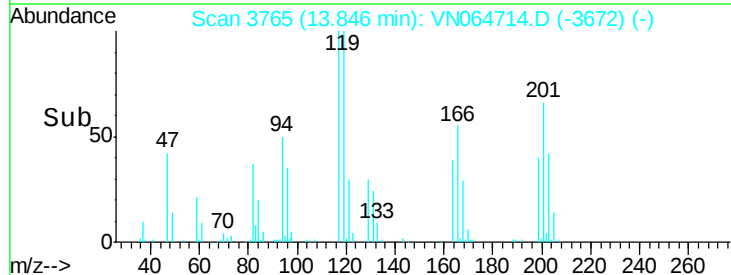
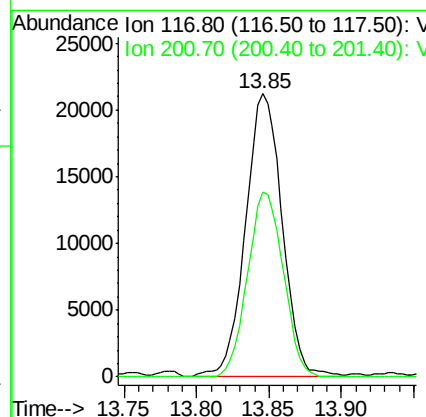
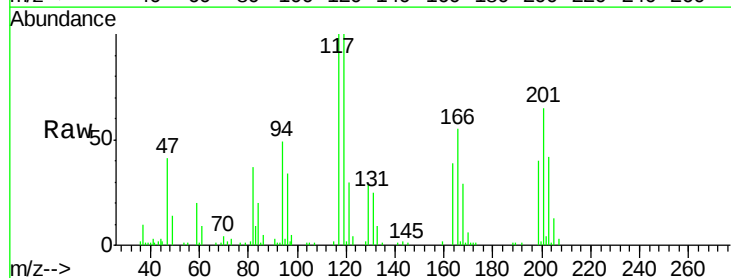
Manual Integrations  
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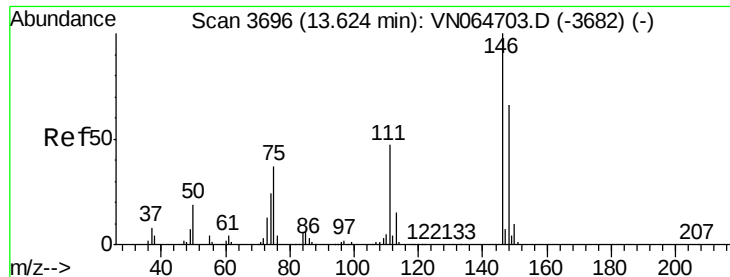
MMDadoda  
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#90  
Hexachloroethane  
Concen: 20.121 ug/l  
RT: 13.85 min Scan# 3765  
Delta R.T. -0.00 min  
Lab File: VN064714.D  
Acq: 18 Nov 2020 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 63.2  | 31.9  | 95.5  |





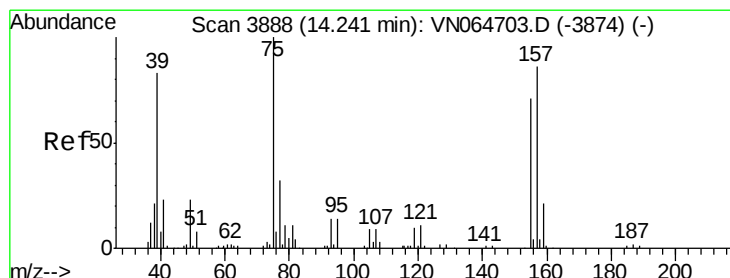
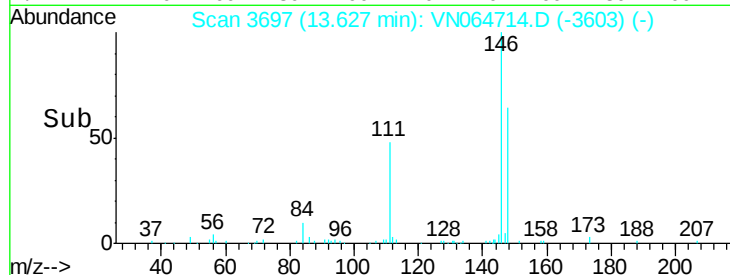
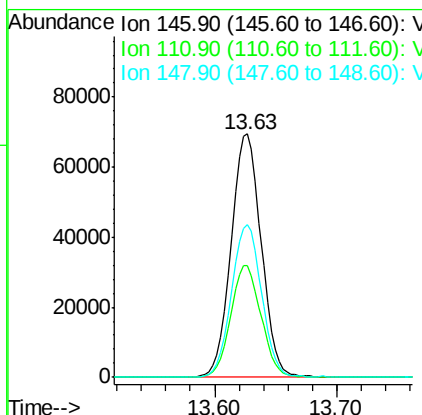
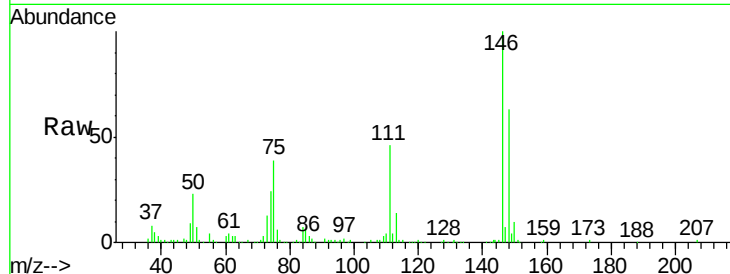
#91  
 1,2-Dichlorobenzene  
 Concen: 18.568 ug/l  
 RT: 13.63 min Scan# 3697  
 Delta R.T. 0.00 min  
 Lab File: VN064714.D  
 Acq: 18 Nov 2020 18:12

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1118WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 46.3  | 23.1  | 69.3  |
| 148     | 63.0  | 32.2  | 96.6  |

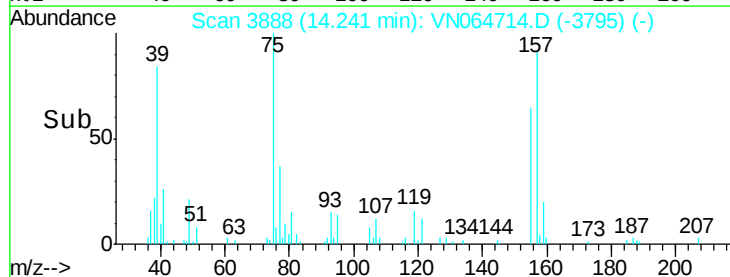
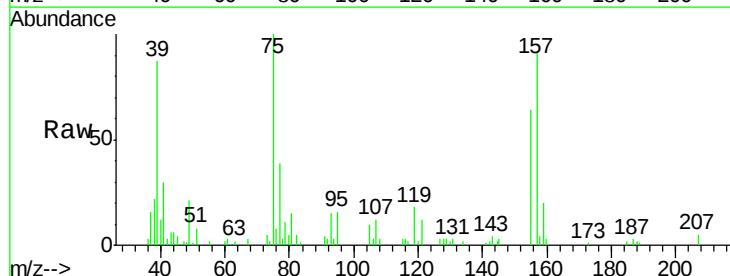
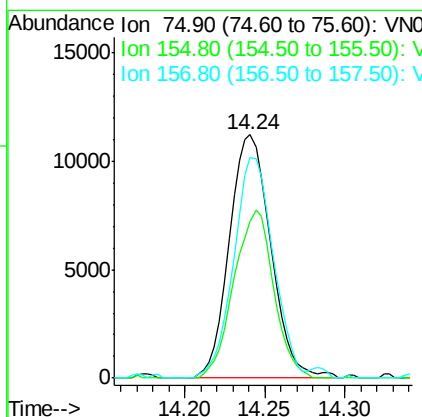
Manual Integrations  
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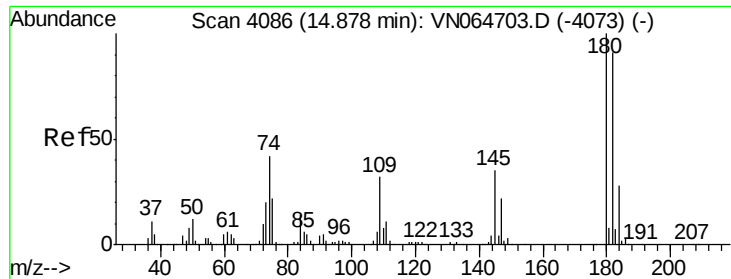
MMDadoda  
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 18.978 ug/l  
 RT: 14.24 min Scan# 3888  
 Delta R.T. -0.00 min  
 Lab File: VN064714.D  
 Acq: 18 Nov 2020 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 65.7  | 33.6  | 100.6 |
| 157     | 86.5  | 42.4  | 127.2 |





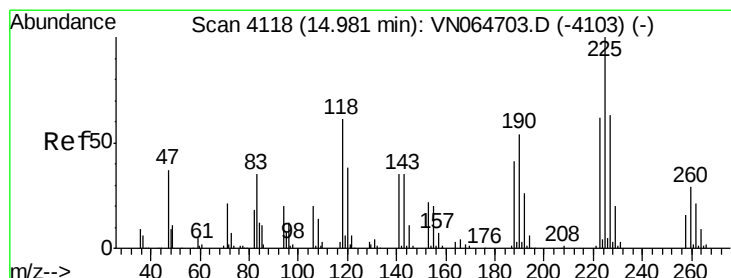
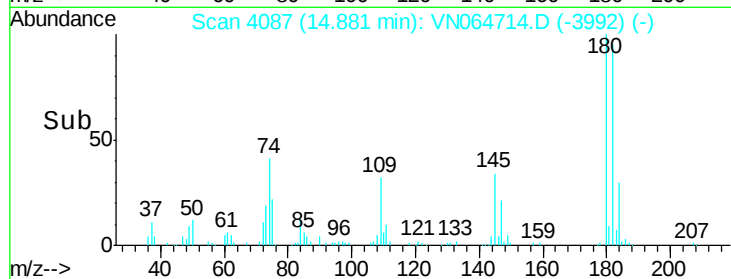
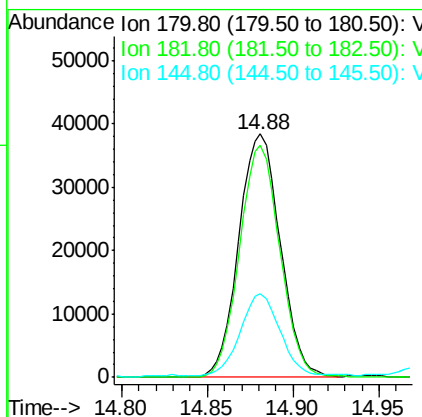
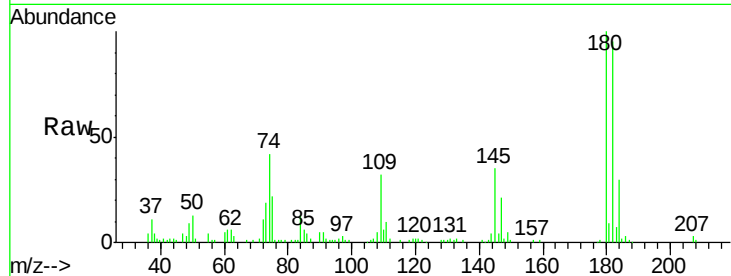
#93  
1,2,4-Trichlorobenzene  
Concen: 19.307 ug/l  
RT: 14.88 min Scan# 4087  
Delta R.T. 0.00 min  
Lab File: VN064714.D  
Acq: 18 Nov 2020 18:12

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1118WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 92.3  | 47.3  | 141.8 |
| 145     | 32.5  | 17.5  | 52.5  |

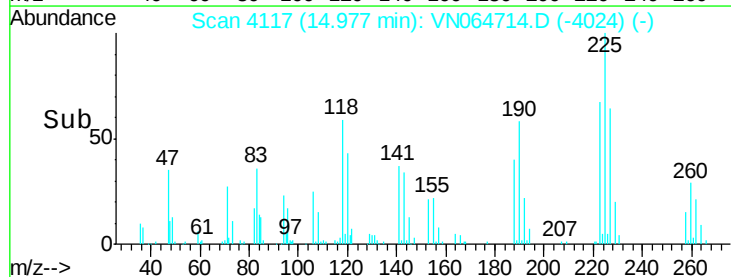
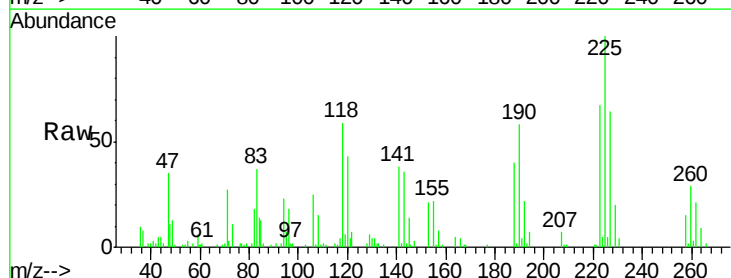
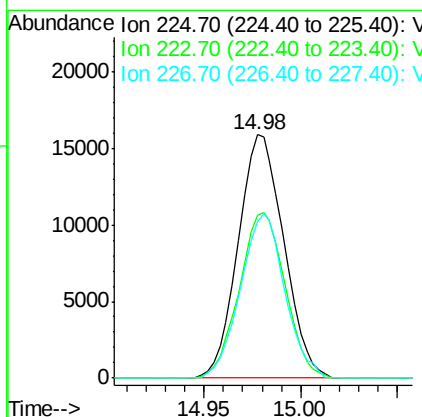
Manual Integrations  
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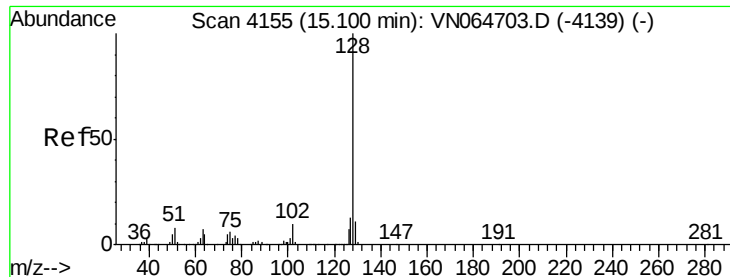
MMDadoda  
11/19/2020 2:11:03 PM



#94  
Hexachlorobutadiene  
Concen: 17.869 ug/l  
RT: 14.98 min Scan# 4117  
Delta R.T. -0.00 min  
Lab File: VN064714.D  
Acq: 18 Nov 2020 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 68.4  | 31.2  | 93.6  |
| 227     | 65.7  | 32.1  | 96.3  |





#95

Naphthalene

Concen: 18.806 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

Instrument :

MSVOA\_N

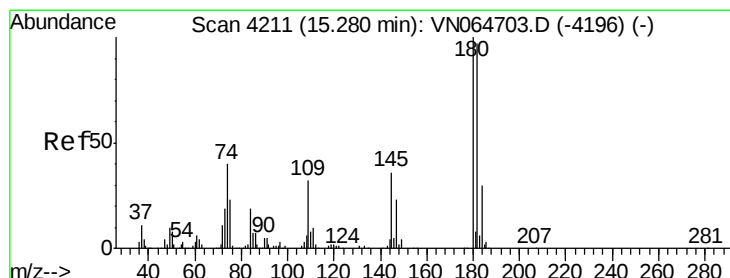
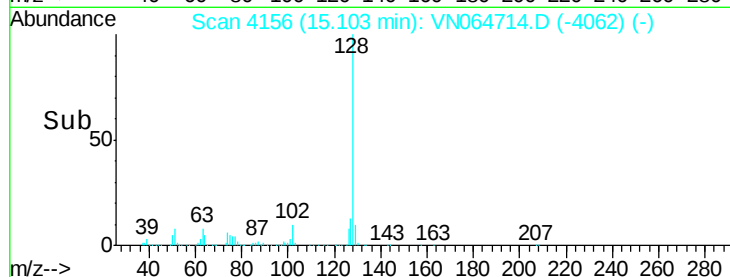
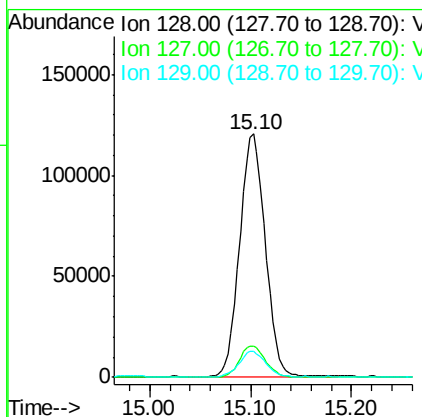
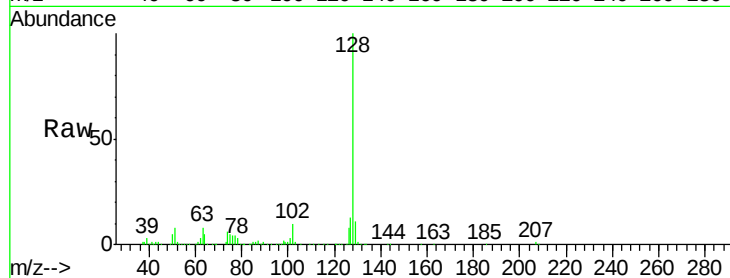
ClientSampleId :

VN1118WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 212771 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.4  | 10.8  | 16.2   |
| 129       | 10.9  | 8.9   | 13.3   |

Manual Integrations  
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#96

1,2,3-Trichlorobenzene

Concen: 18.295 ug/l

RT: 15.28 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 59638 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 97.6  | 47.5  | 142.5 |
| 145       | 35.6  | 18.1  | 54.1  |

