

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090320\  
 Data File : VN063232.D  
 Acq On : 3 Sep 2020 20:00  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 9/4/2020 11:13:47 AM

Quant Time: Sep 04 05:37:18 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N083120W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 01 04:21:28 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.63  | 168  | 355337   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 659921   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 617442   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 285972   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 7.99   | 65  | 277561   | 47.78 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 95.56% |      |
| 35) Dibromofluoromethane  | 7.55   | 113 | 199869   | 47.21 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 94.42% |      |
| 50) Toluene-d8            | 10.06  | 98  | 783946   | 48.11 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.22% |      |
| 62) 4-Bromofluorobenzene  | 12.38  | 95  | 278215   | 48.81 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.62% |      |

## Target Compounds

|                               |      |     |         |         |        | Qvalue |
|-------------------------------|------|-----|---------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 144221  | 41.212  | ug/l   | 99     |
| 3) Chloromethane              | 2.04 | 50  | 205313  | 40.291  | ug/l   | 99     |
| 4) Vinyl Chloride             | 2.17 | 62  | 240291  | 42.689  | ug/l   | 99     |
| 5) Bromomethane               | 2.53 | 94  | 212902  | 44.933  | ug/l   | 99     |
| 6) Chloroethane               | 2.67 | 64  | 214906  | 48.018  | ug/l   | 98     |
| 7) Trichlorofluoromethane     | 2.98 | 101 | 382036  | 49.129  | ug/l   | 96     |
| 8) Diethyl Ether              | 3.37 | 74  | 116782  | 43.362  | ug/l   | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.72 | 101 | 175664  | 45.913  | ug/l   | 98     |
| 10) Methyl Iodide             | 3.91 | 142 | 225777  | 43.267  | ug/l   | 99     |
| 11) Tert butyl alcohol        | 4.73 | 59  | 161028  | 225.840 | ug/l   | 100    |
| 12) 1,1-Dichloroethene        | 3.70 | 96  | 172263  | 44.186  | ug/l   | 98     |
| 13) Acrolein                  | 3.57 | 56  | 67271   | 247.951 | ug/l   | 99     |
| 14) Allyl chloride            | 4.28 | 41  | 303323  | 43.808  | ug/l   | 96     |
| 15) Acrylonitrile             | 4.93 | 53  | 461941  | 231.469 | ug/l   | 98     |
| 16) Acetone                   | 3.77 | 43  | 371466  | 224.960 | ug/l   | 99     |
| 17) Carbon Disulfide          | 4.01 | 76  | 474002  | 40.848  | ug/l   | 97     |
| 18) Methyl Acetate            | 4.28 | 43  | 237621  | 56.124  | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 4.99 | 73  | 641609  | 44.363  | ug/l   | 97     |
| 20) Methylene Chloride        | 4.51 | 84  | 211343  | 45.473  | ug/l   | 92     |
| 21) trans-1,2-Dichloroethene  | 4.99 | 96  | 205096  | 47.617  | ug/l   | 94     |
| 22) Diisopropyl ether         | 5.90 | 45  | 702577  | 45.281  | ug/l   | 94     |
| 23) Vinyl Acetate             | 5.84 | 43  | 2868389 | 231.687 | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 5.80 | 63  | 393183  | 45.967  | ug/l   | 99     |
| 25) 2-Butanone                | 6.78 | 43  | 636366  | 248.891 | ug/l   | 100    |
| 26) 2,2-Dichloropropane       | 6.78 | 77  | 300576  | 38.785  | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene    | 6.78 | 96  | 238305  | 45.519  | ug/l   | 97     |
| 28) Bromochloromethane        | 7.15 | 49  | 202727  | 45.365  | ug/l   | 98     |
| 29) Tetrahydrofuran           | 7.16 | 42  | 424689  | 240.220 | ug/l   | 99     |
| 30) Chloroform                | 7.33 | 83  | 416010  | 46.486  | ug/l   | 99     |
| 31) Cyclohexane               | 7.61 | 56  | 329879  | 43.537  | ug/l   | 99     |
| 32) 1,1,1-Trichloroethane     | 7.53 | 97  | 363292  | 47.110  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 7.76 | 75  | 294699  | 46.452  | ug/l   | 99     |
| 37) Ethyl Acetate             | 6.88 | 43  | 285568  | 47.687  | ug/l # | 95     |
| 38) Carbon Tetrachloride      | 7.73 | 117 | 305837  | 47.536  | ug/l   | 95     |

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 Sample : VSTDCCC050  
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 ALS Vial : 26 Sample Multiplier: 1

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 ClientSampleID :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 9/4/2020 11:13:47 AM

Quant Time: Sep 04 05:37:18 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N083120W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 01 04:21:28 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.05  | 83   | 329229   | 46.194  | ug/l   | 99       |
| 40) Benzene                    | 8.00  | 78   | 904461   | 48.515  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.13  | 41   | 134883m  | 50.468  | ug/l   |          |
| 42) 1,2-Dichloroethane         | 8.09  | 62   | 350080   | 50.270  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.13  | 43   | 512554   | 49.539  | ug/l # | 89       |
| 44) Trichloroethene            | 8.80  | 130  | 233586   | 51.655  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 9.08  | 63   | 236939   | 48.002  | ug/l   | 98       |
| 46) Dibromomethane             | 9.17  | 93   | 165659   | 50.643  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.37  | 83   | 341646   | 48.727  | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.17  | 41   | 232407   | 49.828  | ug/l   | 95       |
| 49) 1,4-Dioxane                | 9.17  | 88   | 71976    | 997.715 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43   | 1510720  | 268.702 | ug/l   | 100      |
| 52) Toluene                    | 10.13 | 92   | 579293   | 49.881  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.35 | 75   | 361230   | 47.099  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.81  | 75   | 383285   | 47.609  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.53 | 97   | 229051   | 51.500  | ug/l   | 96       |
| 56) Ethyl methacrylate         | 10.40 | 69   | 332989   | 49.196  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 10.68 | 76   | 391987   | 49.473  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.66  | 63   | 844332   | 240.892 | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.72 | 43   | 1094948  | 277.113 | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.87 | 129  | 249711   | 50.784  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 10.98 | 107  | 237081   | 51.278  | ug/l   | 98       |
| 64) Tetrachloroethene          | 10.60 | 164  | 237037   | 53.461  | ug/l   | 98       |
| 65) Chlorobenzene              | 11.41 | 112  | 608257   | 48.911  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.48 | 131  | 231046   | 50.040  | ug/l   | 100      |
| 67) Ethyl Benzene              | 11.49 | 91   | 1136195  | 50.082  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.60 | 106  | 833433   | 99.189  | ug/l   | 100      |
| 69) o-Xylene                   | 11.92 | 106  | 400927   | 49.392  | ug/l   | 97       |
| 70) Styrene                    | 11.94 | 104  | 692097   | 49.612  | ug/l   | 99       |
| 71) Bromoform                  | 12.10 | 173  | 157298   | 50.200  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.23 | 105  | 1106090  | 50.429  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.05 | 43   | 447330   | 49.237  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.48 | 83   | 305712   | 48.345  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane     | 12.53 | 75   | 298376m  | 53.104  | ug/l   |          |
| 77) Bromobenzene               | 12.50 | 156  | 242773   | 48.941  | ug/l   | 97       |
| 78) n-propylbenzene            | 12.57 | 91   | 1277160  | 50.320  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.65 | 91   | 734913   | 48.344  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.71 | 105  | 919289   | 50.353  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.28 | 75   | 101082   | 43.482  | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 12.75 | 91   | 774326   | 49.113  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 12.97 | 119  | 760772   | 48.588  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 13.02 | 105  | 925830   | 50.311  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.15 | 105  | 1046068  | 51.262  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.26 | 119  | 928262   | 51.237  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.26 | 146  | 457733   | 50.230  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.34 | 146  | 456519   | 48.381  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.59 | 91   | 835347   | 49.910  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.85 | 117  | 153652   | 45.815  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.63 | 146  | 452396   | 51.158  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.24 | 75   | 65480    | 47.100  | ug/l   | 99       |

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Sample : VSTDCCC050  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

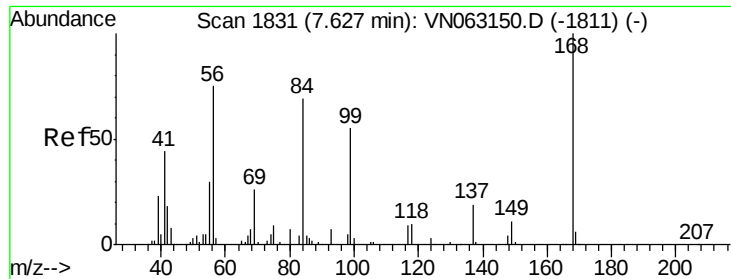
MMDadoda  
9/4/2020 11:13:47 AM

Quant Time: Sep 04 05:37:18 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N083120W.M  
Quant Title : SW846 8260  
QLast Update : Tue Sep 01 04:21:28 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.88 | 180  | 239104   | 48.396 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 14.98 | 225  | 87444    | 47.379 | ug/l  | 98       |
| 95) Naphthalene            | 15.11 | 128  | 794228   | 48.184 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.29 | 180  | 240472   | 49.959 | ug/l  | 97       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 355337

Ion Ratio Lower Upper

168 100

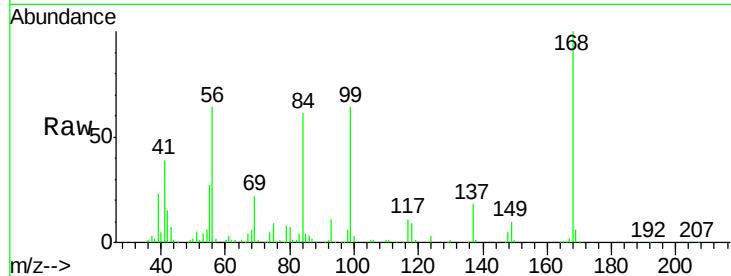
99 63.7 54.2 81.2

Manual Integrations

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9/4/2020 11:13:47 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

150000

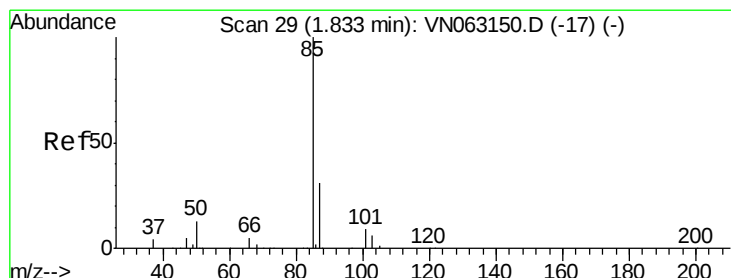
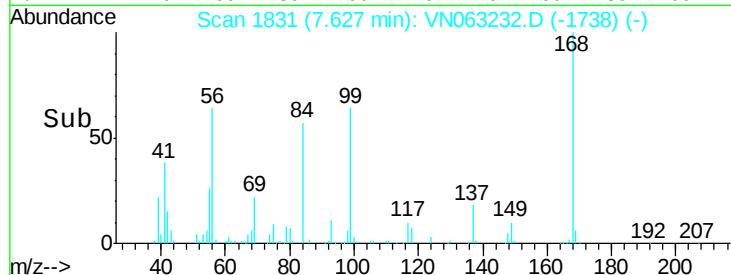
100000

50000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 41.212 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063232.D

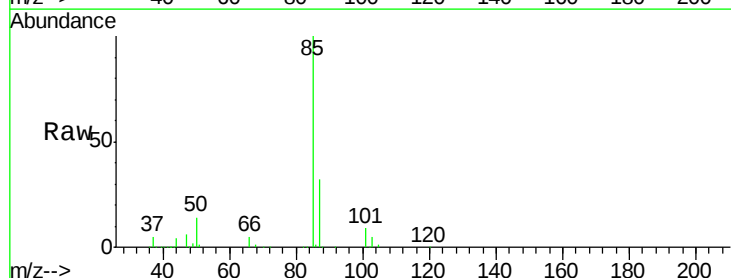
Acq: 3 Sep 2020 20:00

Tgt Ion: 85 Resp: 144221

Ion Ratio Lower Upper

85 100

87 31.9 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

120000

100000

80000

60000

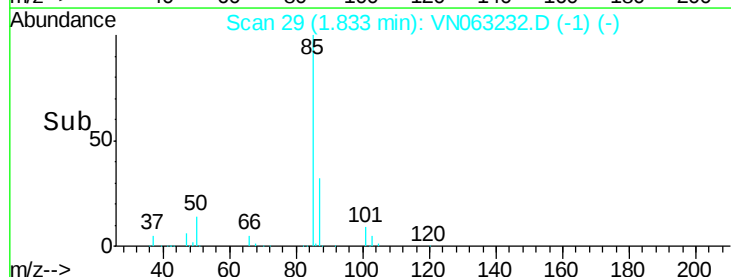
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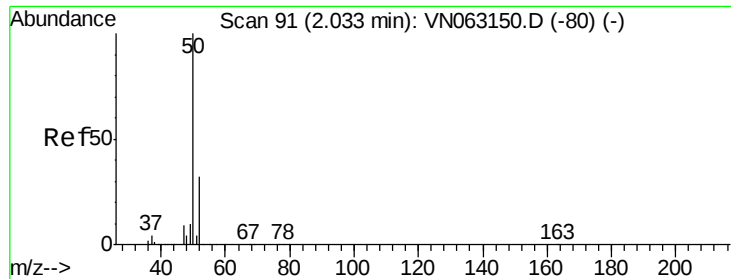
20000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 40.291 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 205313

Ion Ratio Lower Upper

50 100

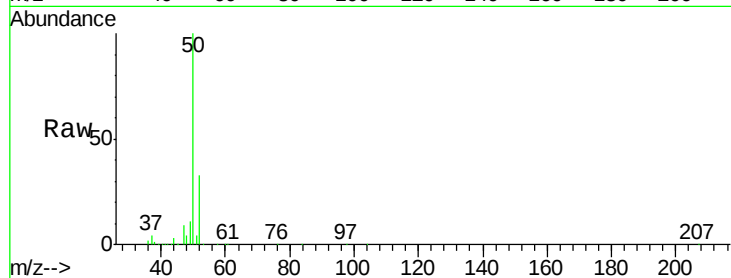
52 32.9 25.8 38.6

Manual Integrations

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9/4/2020 11:13:47 AM



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.04

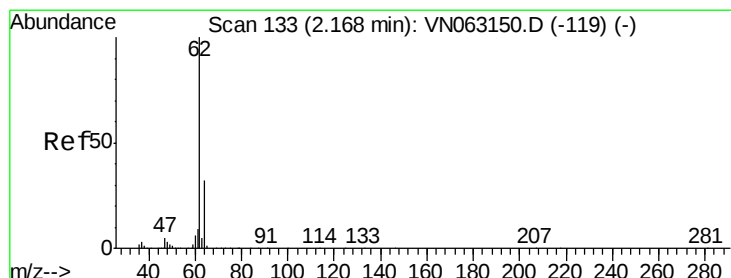
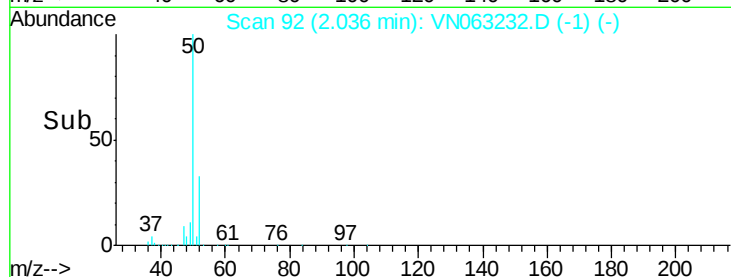
150000

100000

50000

0

Time--> 1.95 2.00 2.05 2.10 2.15



#4

Vinyl Chloride

Concen: 42.689 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063232.D

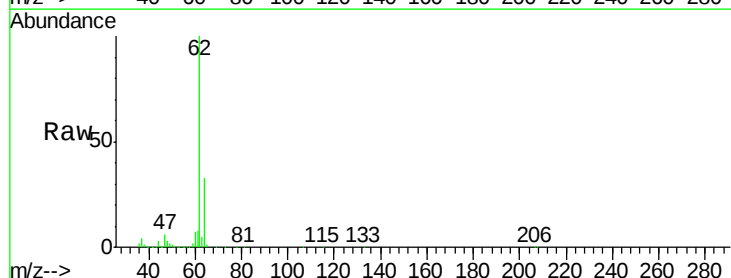
Acq: 3 Sep 2020 20:00

Tgt Ion: 62 Resp: 240291

Ion Ratio Lower Upper

62 100

64 33.1 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.17

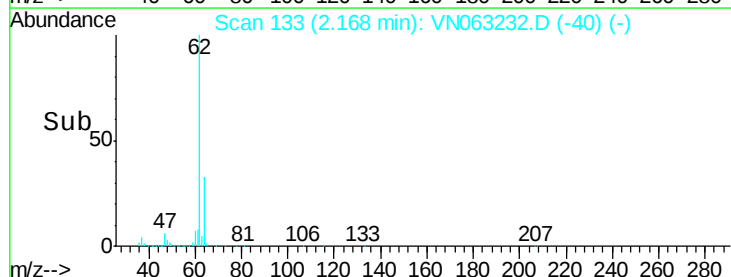
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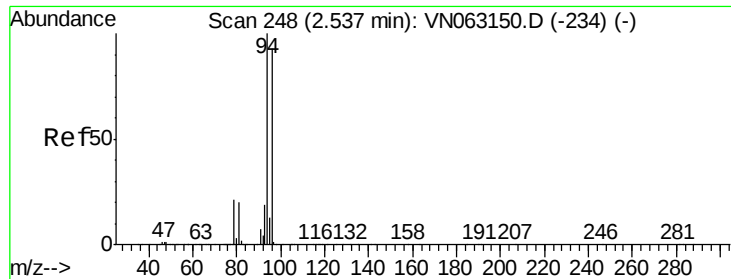
100000

50000

0

Time--> 2.10 2.15 2.20 2.25





#5

Bromomethane

Concen: 44.933 ug/l

RT: 2.53 min Scan# 246

Delta R.T. -0.01 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 212902

Ion Ratio Lower Upper

94 100

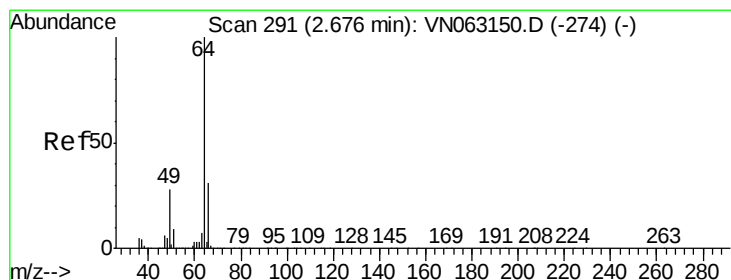
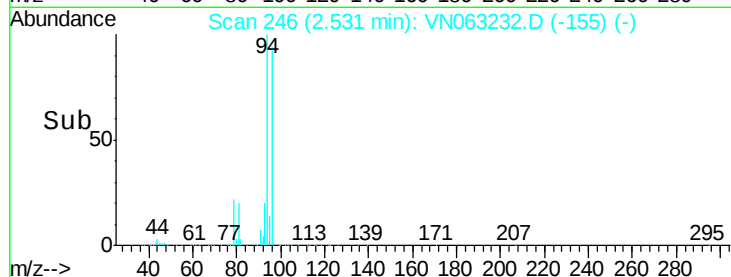
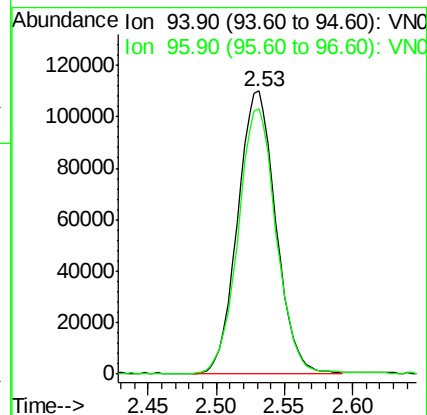
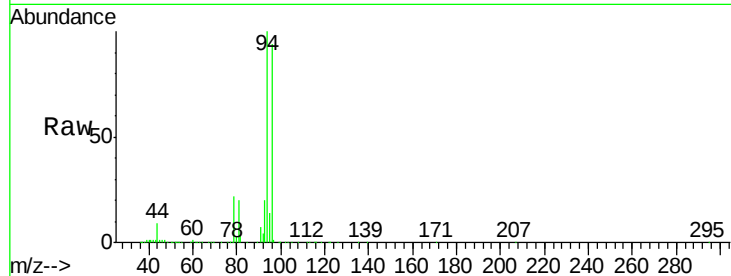
96 93.8 74.4 111.6

Manual Integrations

APPROVED

MMDadoda

9/4/2020 11:13:47 AM



#6

Chloroethane

Concen: 48.018 ug/l

RT: 2.67 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN063232.D

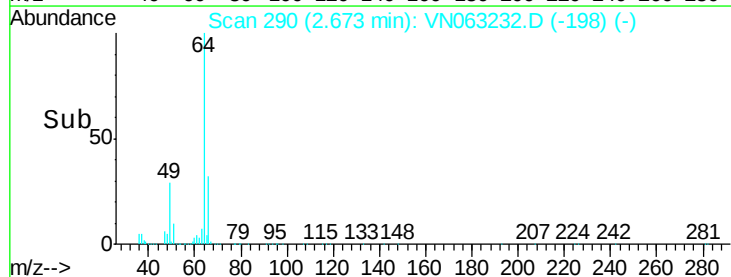
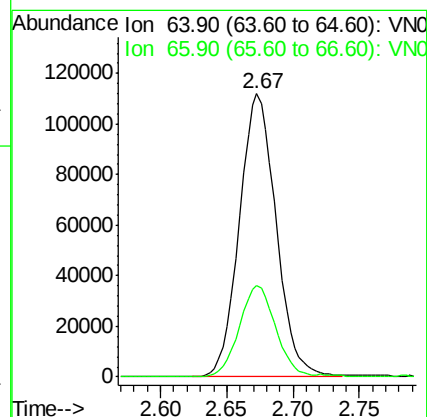
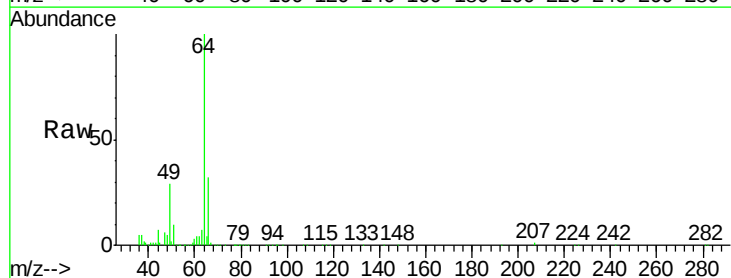
Acq: 3 Sep 2020 20:00

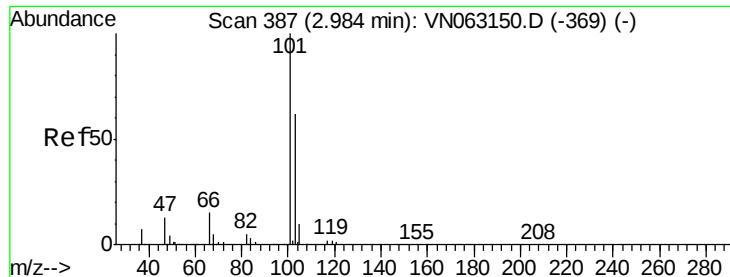
Tgt Ion: 64 Resp: 214906

Ion Ratio Lower Upper

64 100

66 32.2 24.7 37.1





#7

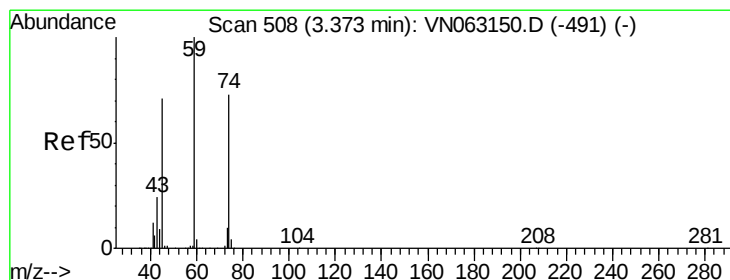
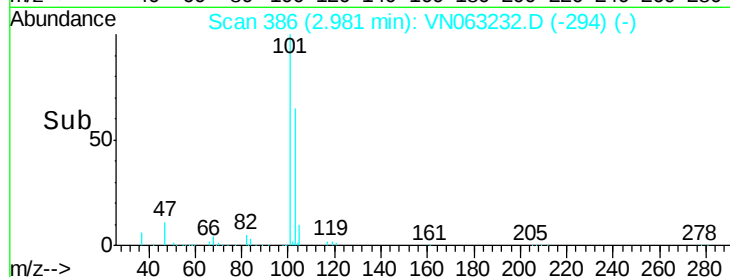
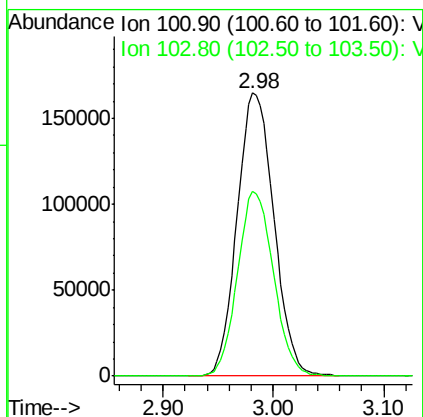
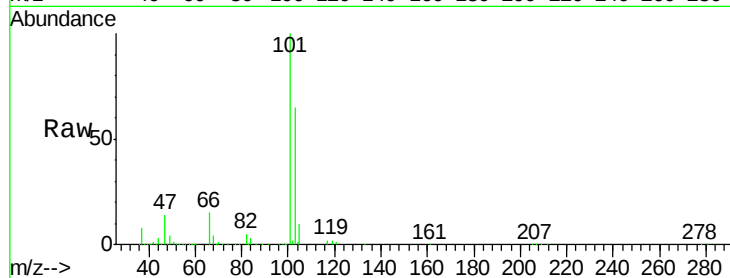
Trichlorofluoromethane  
Concen: 49.129 ug/l  
RT: 2.98 min Scan# 386  
Delta R.T. -0.00 min  
Lab File: VN063232.D  
Acq: 3 Sep 2020 20:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 101     | 100  |       | 382036 |       |       |
| 103     | 65.3 | 49.7  | 74.5   |       |       |

Manual Integrations  
APPROVED

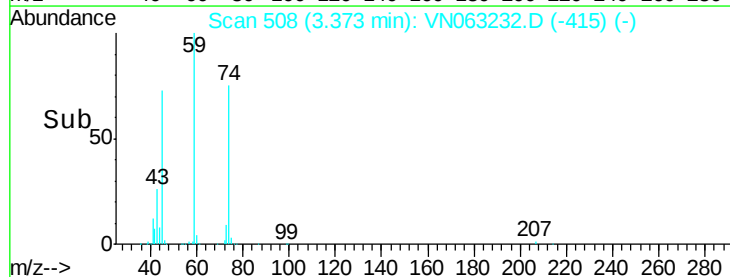
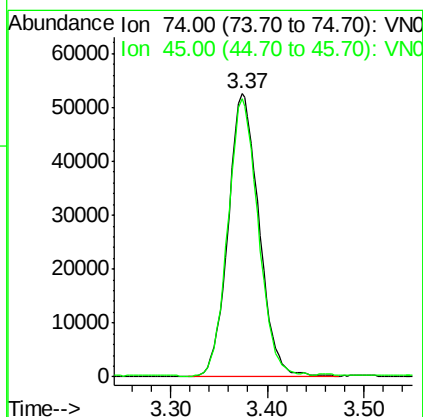
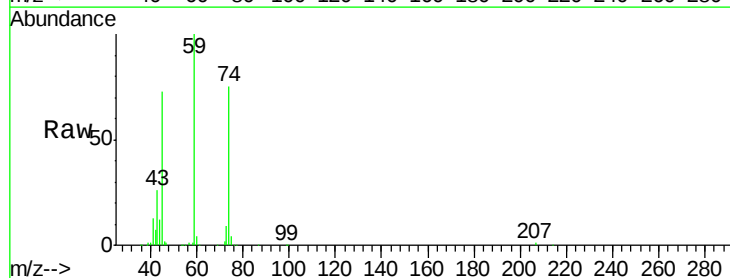
MMDadoda  
9/4/2020 11:13:47 AM

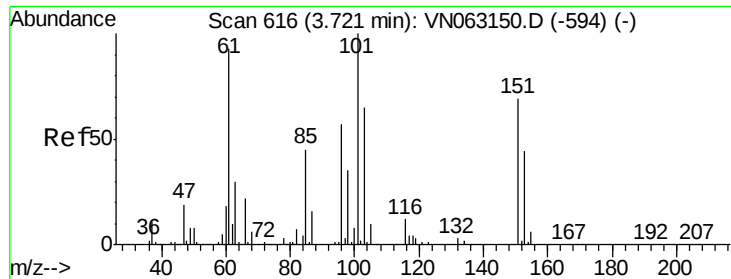


#8

Diethyl Ether  
Concen: 43.362 ug/l  
RT: 3.37 min Scan# 508  
Delta R.T. 0.00 min  
Lab File: VN063232.D  
Acq: 3 Sep 2020 20:00

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 74      | 100  |       | 116782 |       |       |
| 45      | 97.1 | 49.5  | 148.5  |       |       |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.913 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

Instrument :

MSVOA\_N

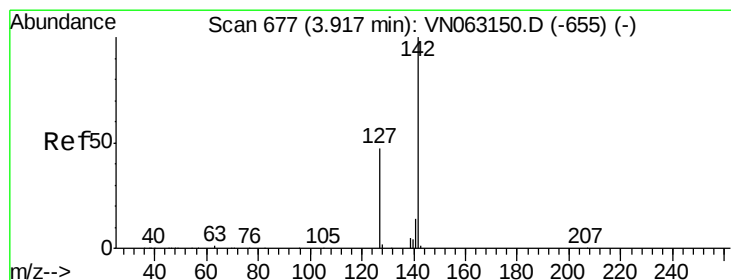
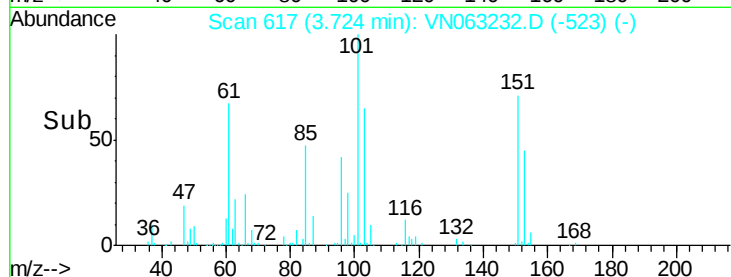
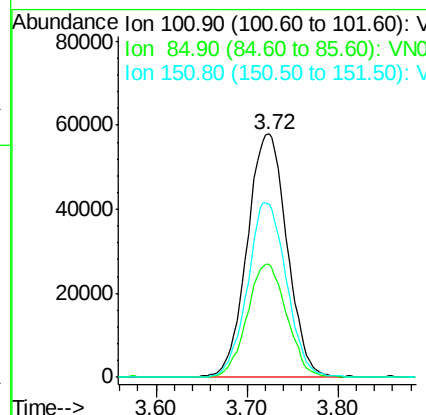
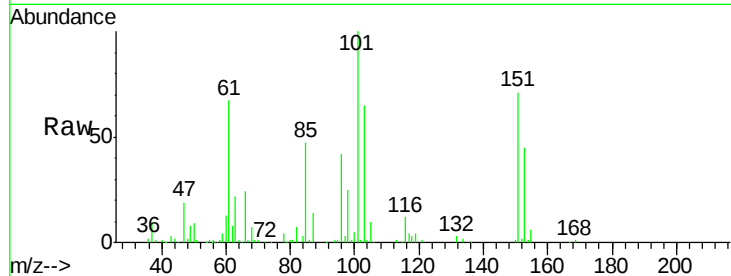
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 175664 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 46.5  | 37.8  | 56.8   |
| 151       | 70.4  | 55.0  | 82.4   |

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MMDadoda  
9/4/2020 11:13:47 AM



#10

Methyl Iodide

Concen: 43.267 ug/l

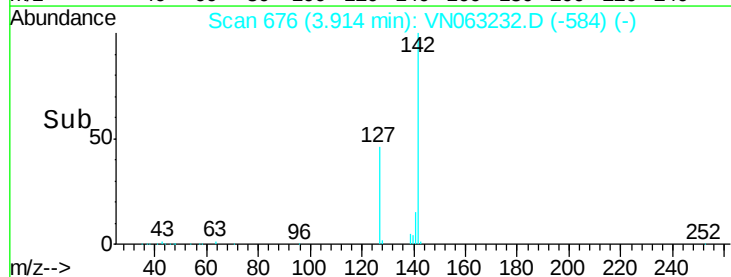
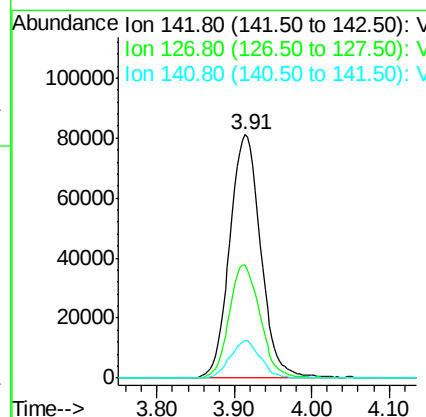
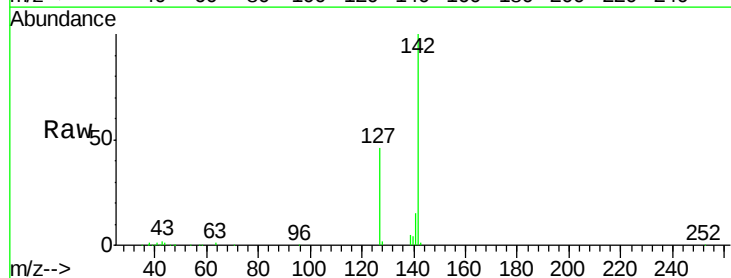
RT: 3.91 min Scan# 676

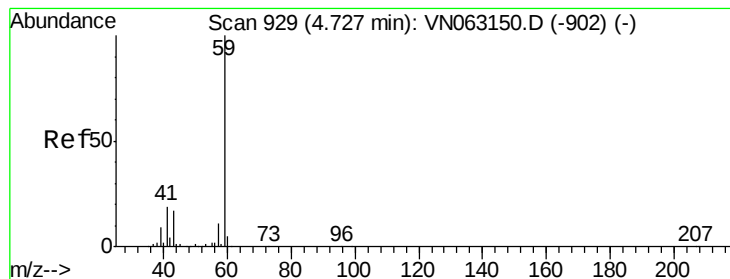
Delta R.T. -0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 225777 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 46.4  | 37.6  | 56.4   |
| 141       | 15.0  | 11.3  | 16.9   |





#11

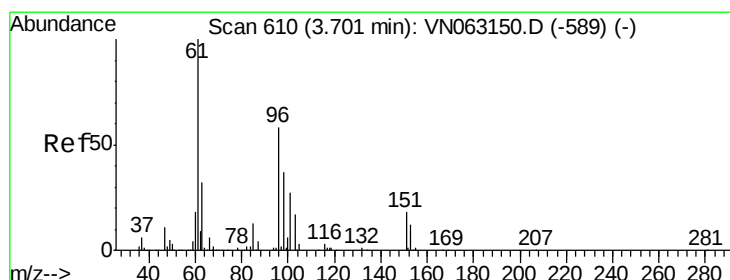
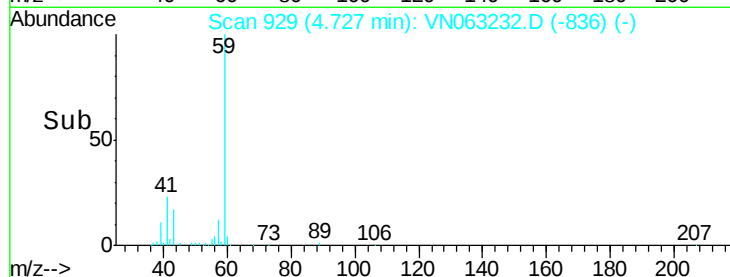
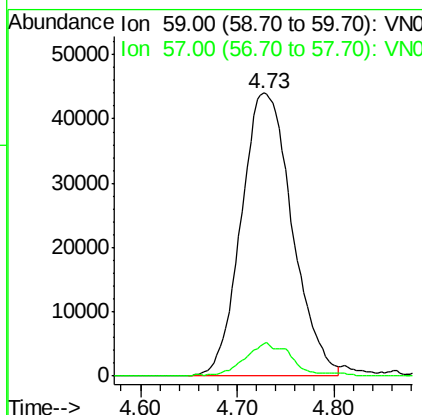
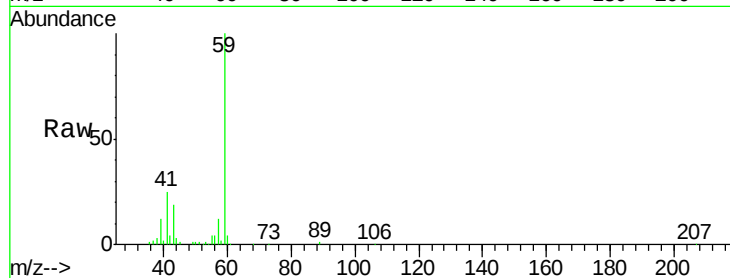
Tert butyl alcohol  
 Concen: 225.840 ug/l  
 RT: 4.73 min Scan# 929  
 Delta R.T. 0.00 min  
 Lab File: VN063232.D  
 Acq: 3 Sep 2020 20:00

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion   | 59   | Resp  | 161028 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 57        | 10.5 | 8.4   | 12.6   |

Manual Integrations  
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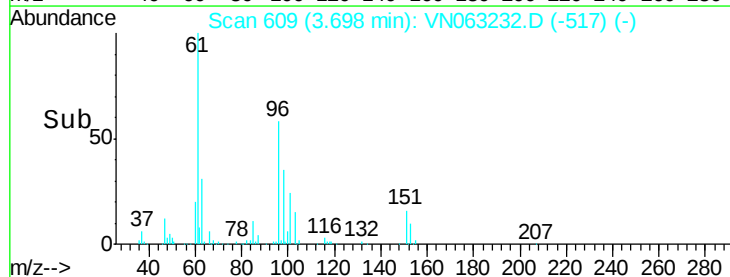
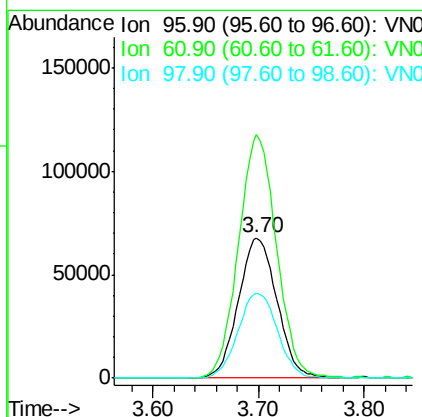
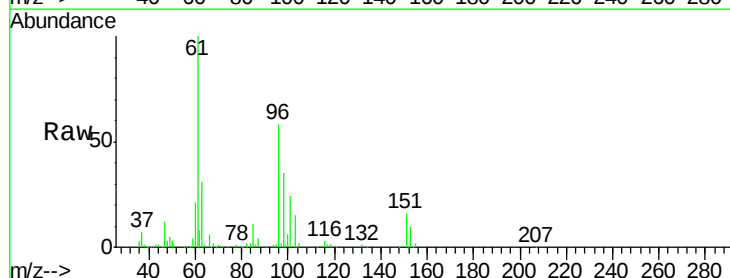
MMDadoda  
 9/4/2020 11:13:47 AM

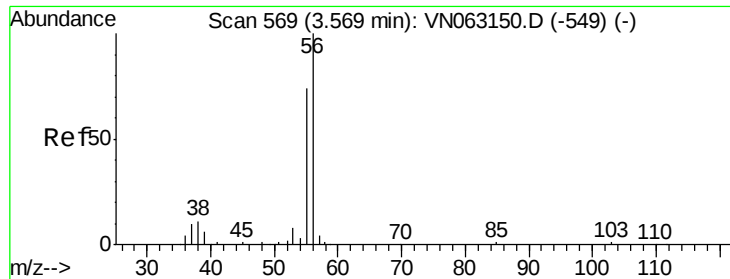


#12

1,1-Dichloroethene  
 Concen: 44.186 ug/l  
 RT: 3.70 min Scan# 609  
 Delta R.T. -0.00 min  
 Lab File: VN063232.D  
 Acq: 3 Sep 2020 20:00

| Tgt Ion   | 96    | Resp  | 172263 |
|-----------|-------|-------|--------|
| Ion Ratio | 100   | Lower | Upper  |
| 61        | 173.6 | 137.4 | 206.2  |
| 98        | 60.3  | 50.5  | 75.7   |





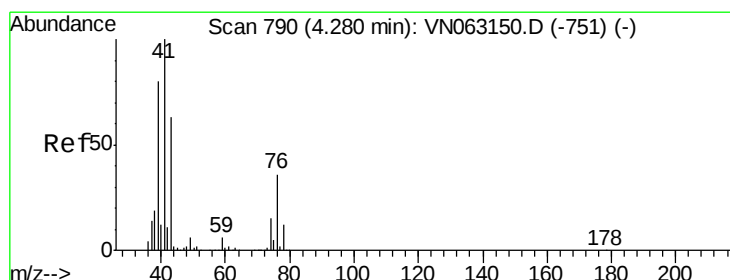
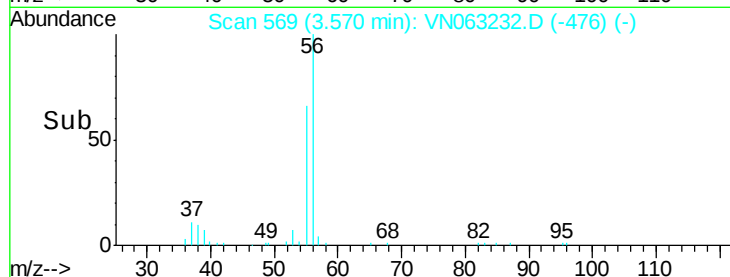
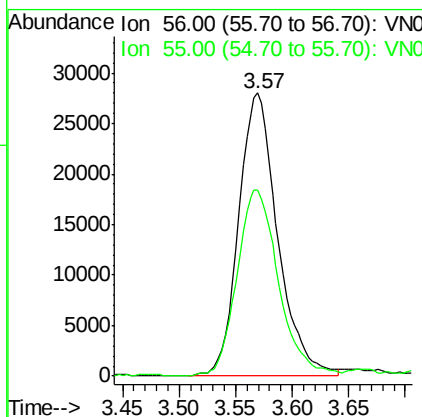
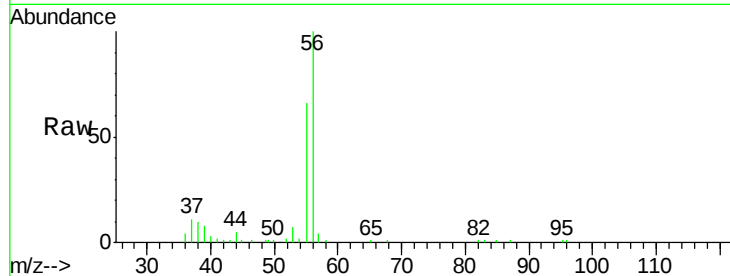
#13  
Acrolein  
Concen: 247.951 ug/l  
RT: 3.57 min Scan# 569  
Delta R.T. 0.00 min  
Lab File: VN063232.D  
Acq: 3 Sep 2020 20:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 56      | 56  | 100   |       |       |
| 55      | 55  | 70.3  | 55.4  | 83.0  |

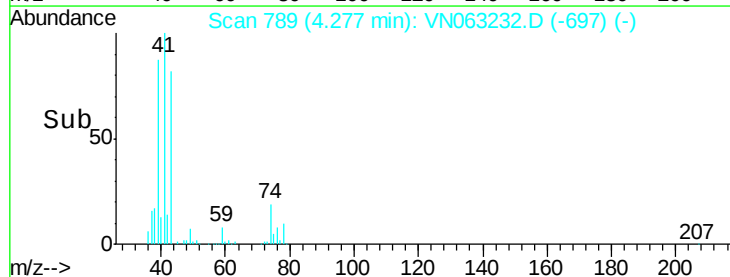
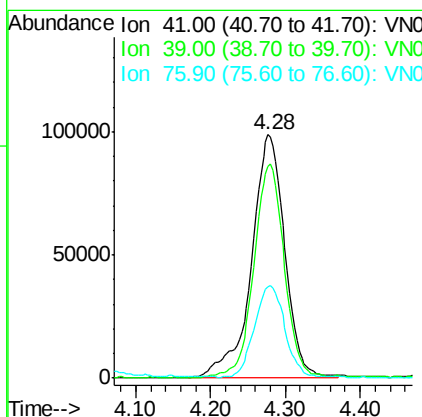
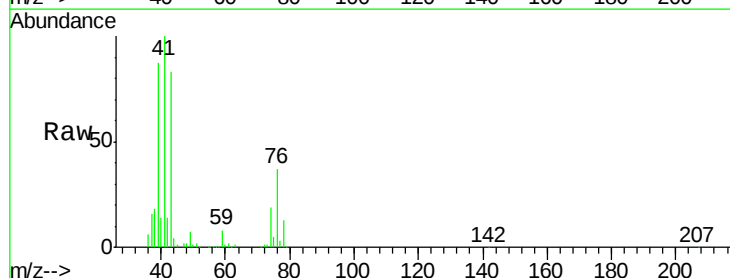
Manual Integrations  
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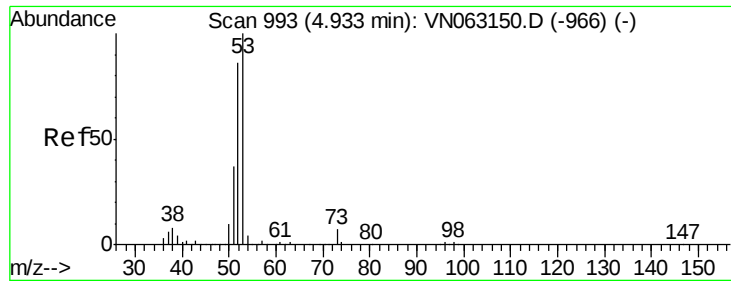
MMDadoda  
9/4/2020 11:13:47 AM



#14  
Allyl chloride  
Concen: 43.808 ug/l  
RT: 4.28 min Scan# 789  
Delta R.T. -0.00 min  
Lab File: VN063232.D  
Acq: 3 Sep 2020 20:00

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 41      | 41  | 100   |       |       |
| 39      | 39  | 80.4  | 60.2  | 90.2  |
| 76      | 76  | 34.2  | 27.7  | 41.5  |





#15

Acrylonitrile

Concen: 231.469 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

Instrument :

MSVOA\_N

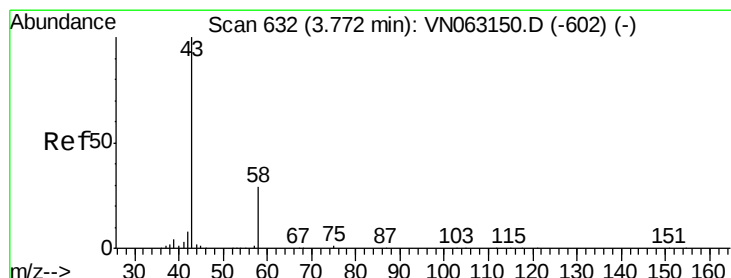
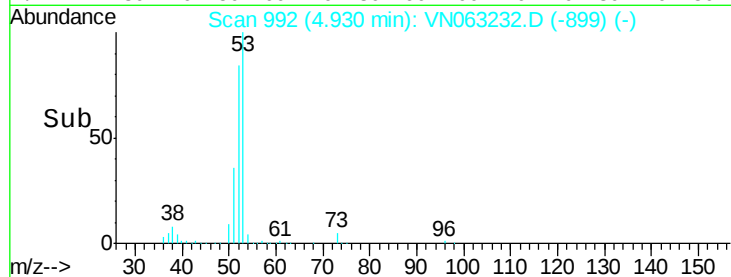
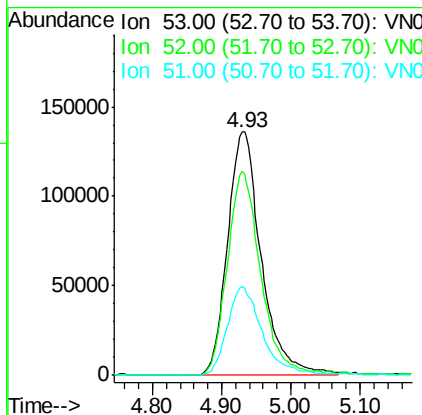
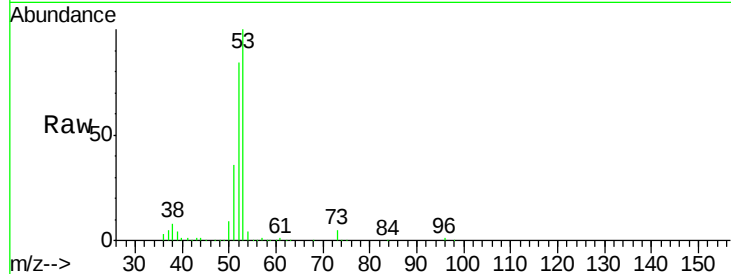
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 461941 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 82.1  | 67.2  | 100.8  |
| 51        | 37.5  | 30.2  | 45.4   |

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9/4/2020 11:13:47 AM



#16

Acetone

Concen: 224.960 ug/l

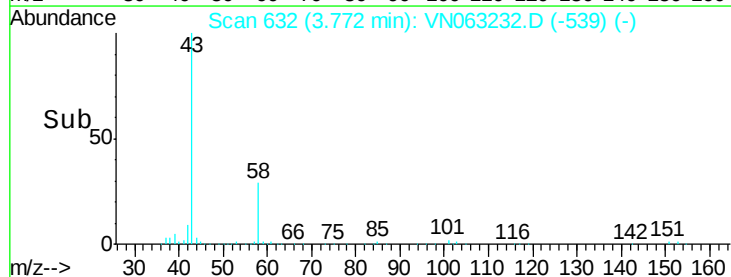
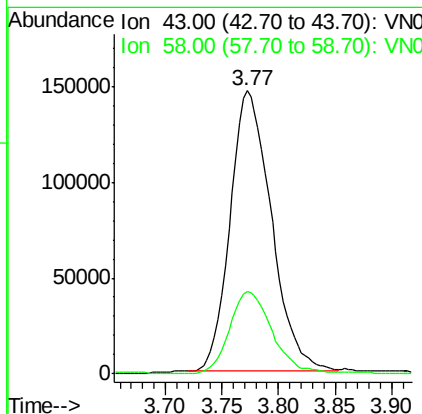
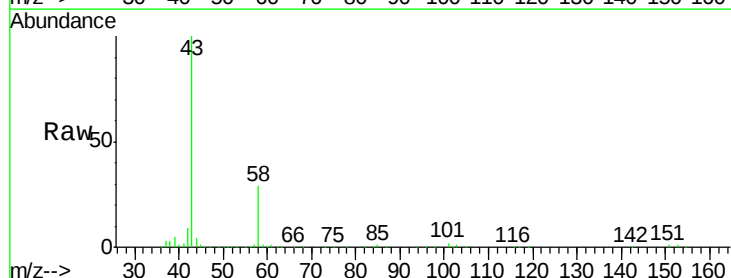
RT: 3.77 min Scan# 632

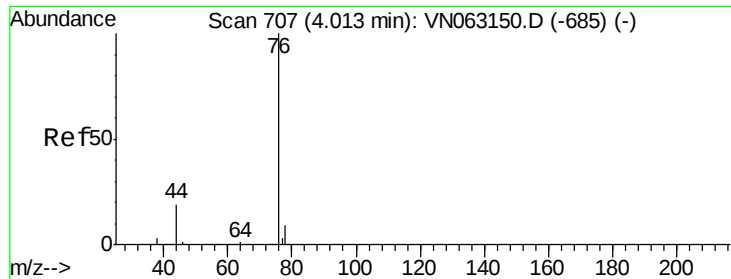
Delta R.T. 0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 371466 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 29.4  | 23.1  | 34.7   |





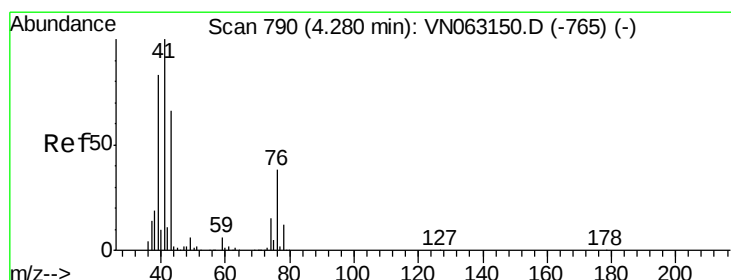
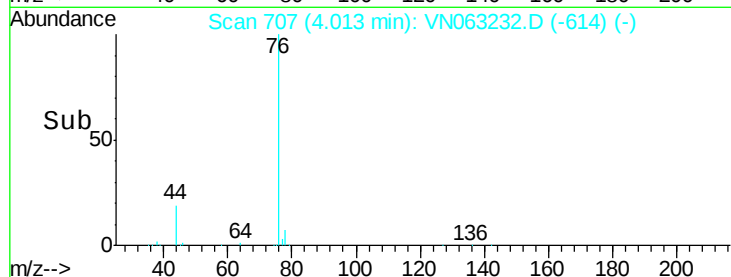
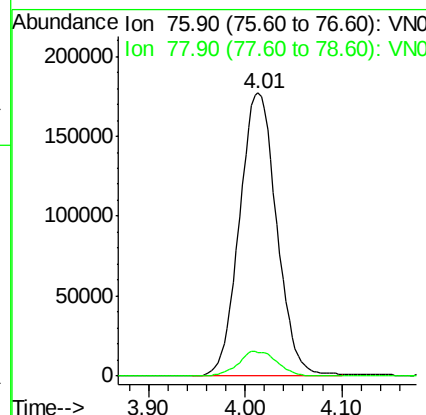
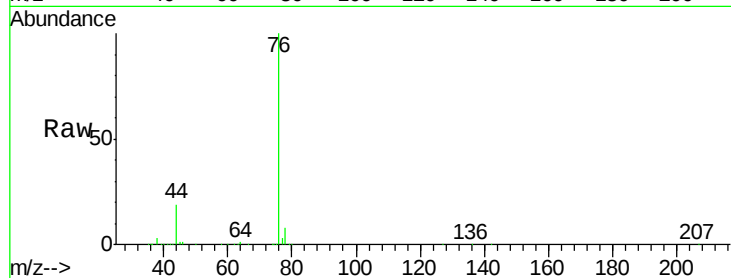
#17  
Carbon Disulfide  
Concen: 40.848 ug/l  
RT: 4.01 min Scan# 707  
Delta R.T. 0.00 min  
Lab File: VN063232.D  
Acq: 3 Sep 2020 20:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 8.4   | 7.5   | 11.3  |

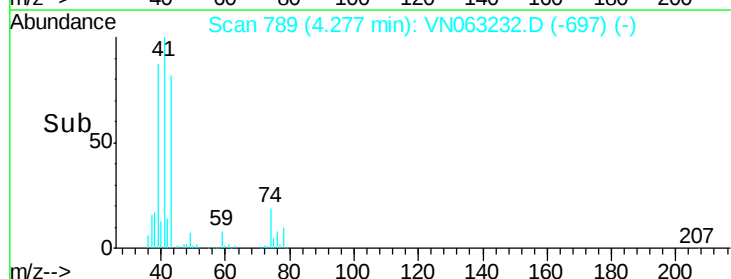
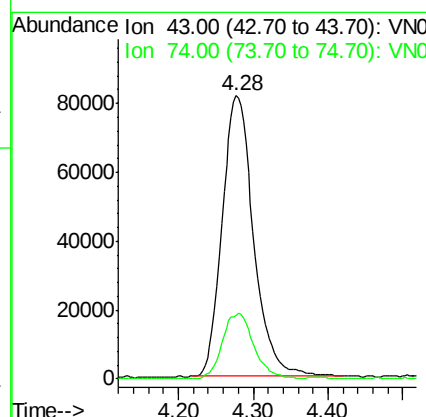
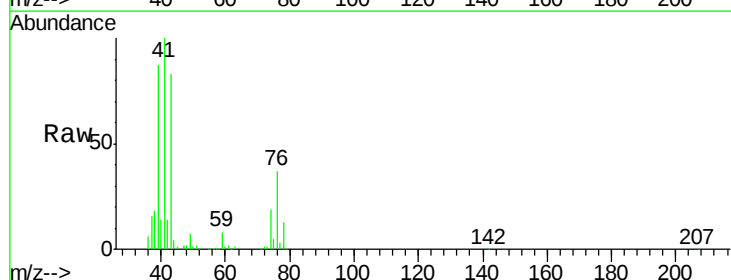
Manual Integrations  
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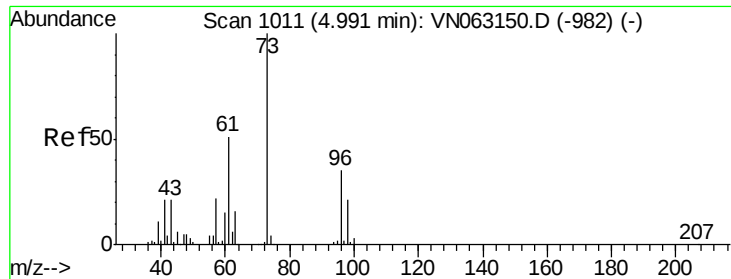
MMDadoda  
9/4/2020 11:13:47 AM



#18  
Methyl Acetate  
Concen: 56.124 ug/l  
RT: 4.28 min Scan# 789  
Delta R.T. -0.00 min  
Lab File: VN063232.D  
Acq: 3 Sep 2020 20:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 23.5  | 19.0  | 28.6  |





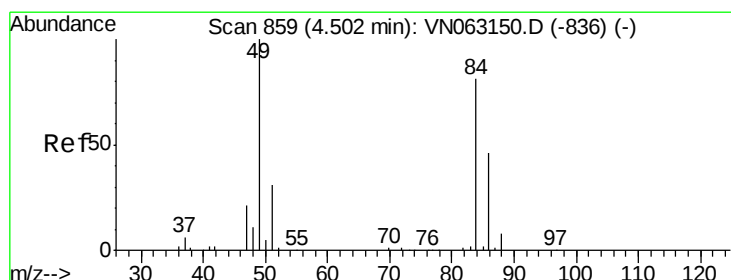
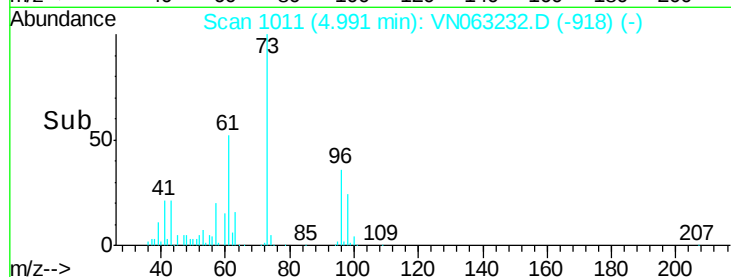
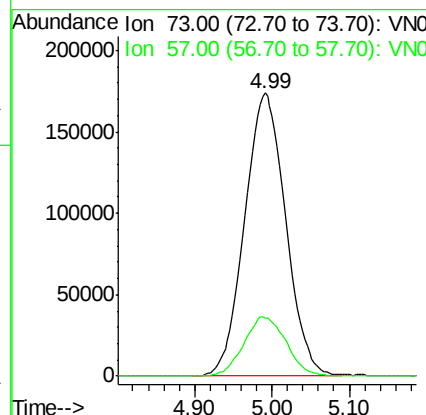
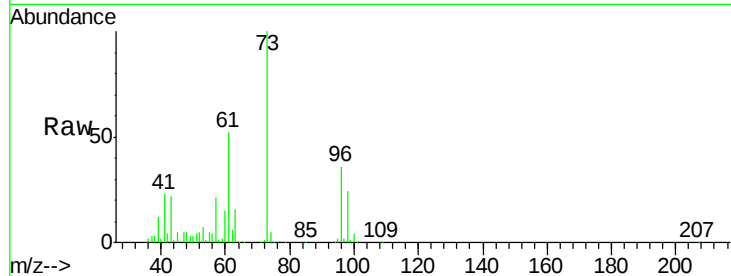
#19  
Methvl tert-butvl Ether  
Concen: 44.363 ug/l  
RT: 4.99 min Scan# 1011  
Delta R.T. 0.00 min  
Lab File: VN063232.D  
Acq: 3 Sep 2020 20:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 73 Resp: 641609  
Ion Ratio Lower Upper  
73 100  
57 20.6 17.6 26.4

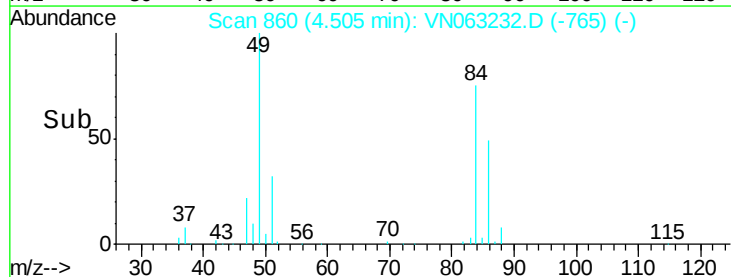
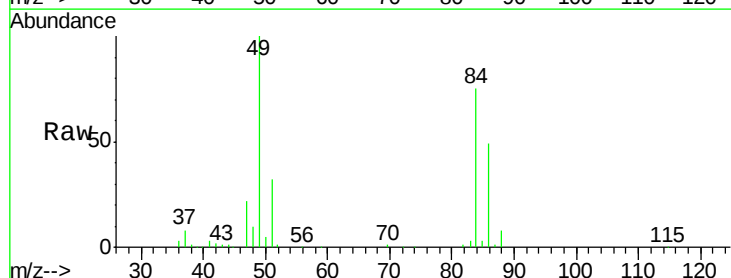
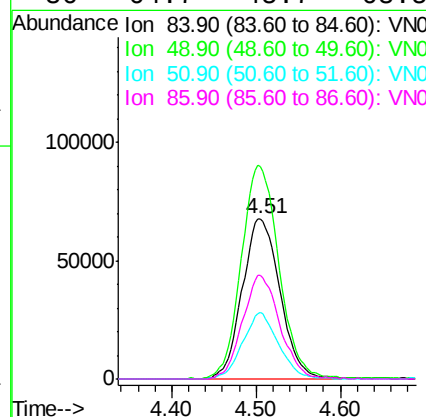
Manual Integrations  
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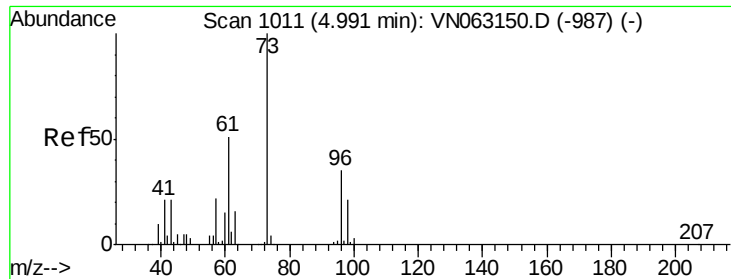
MMDadoda  
9/4/2020 11:13:47 AM



#20  
Methylene Chloride  
Concen: 45.473 ug/l  
RT: 4.51 min Scan# 860  
Delta R.T. 0.00 min  
Lab File: VN063232.D  
Acq: 3 Sep 2020 20:00

Tgt Ion: 84 Resp: 211343  
Ion Ratio Lower Upper  
84 100  
49 132.0 98.4 147.6  
51 41.8 30.4 45.6  
86 64.7 45.7 68.5





#21

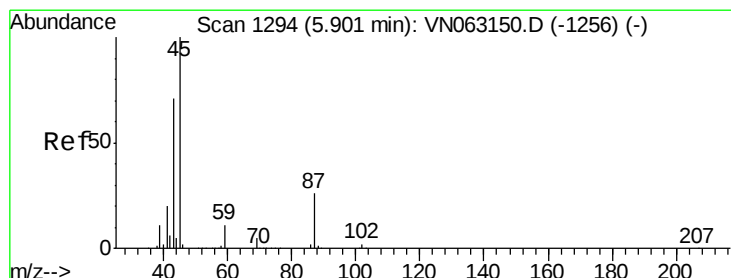
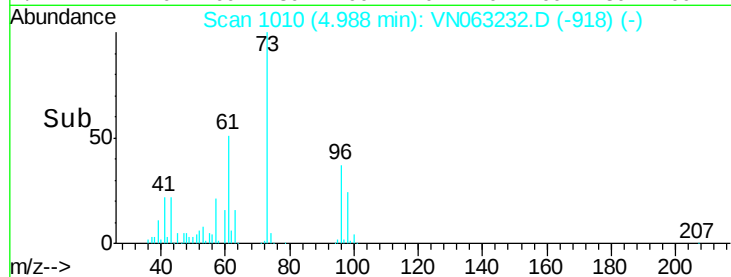
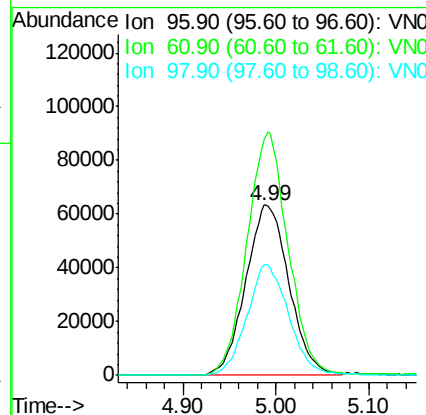
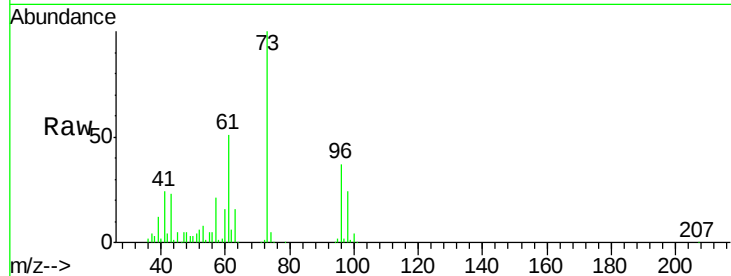
trans-1,2-Dichloroethene  
Concen: 47.617 ug/l  
RT: 4.99 min Scan# 1010  
Delta R.T. -0.00 min  
Lab File: VN063232.D  
Acq: 3 Sep 2020 20:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 138.8 | 116.2 | 174.4 |
| 98      | 64.9  | 48.0  | 72.0  |

Manual Integrations  
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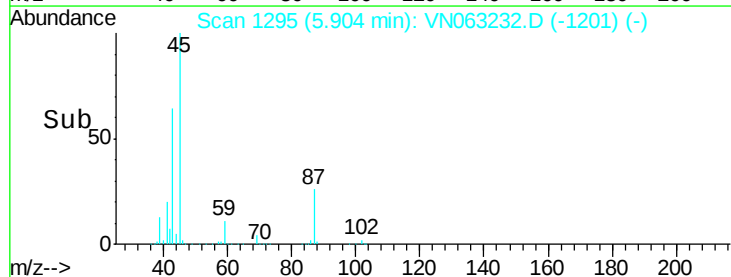
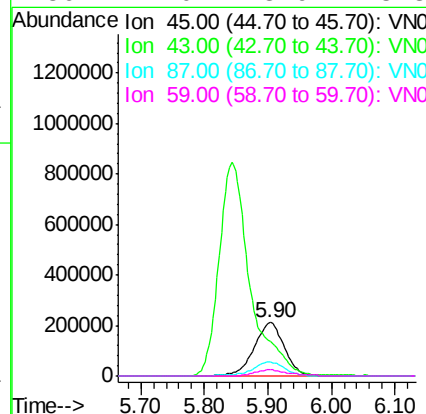
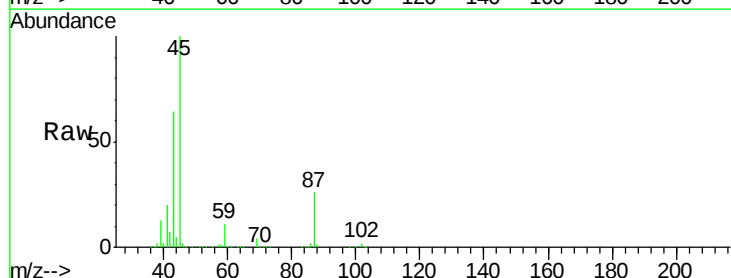
MMDadoda  
9/4/2020 11:13:47 AM

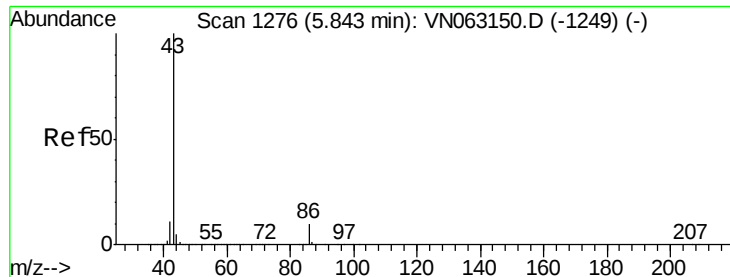


#22

Diisopropyl ether  
Concen: 45.281 ug/l  
RT: 5.90 min Scan# 1295  
Delta R.T. 0.00 min  
Lab File: VN063232.D  
Acq: 3 Sep 2020 20:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 63.0  | 56.8  | 85.2  |
| 87      | 26.2  | 21.1  | 31.7  |
| 59      | 11.0  | 8.9   | 13.3  |





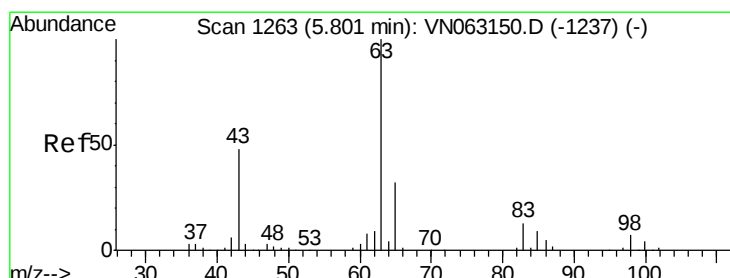
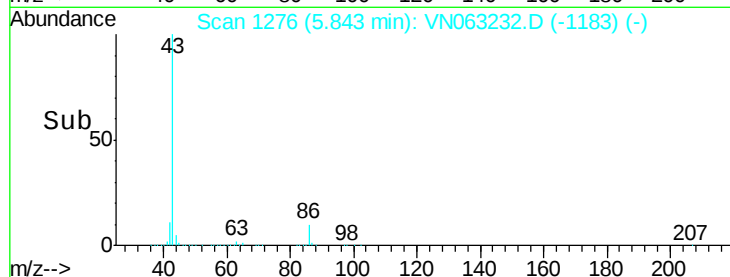
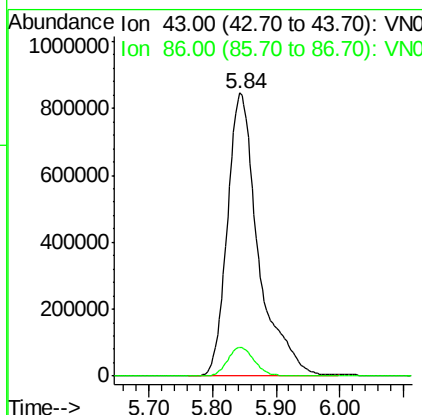
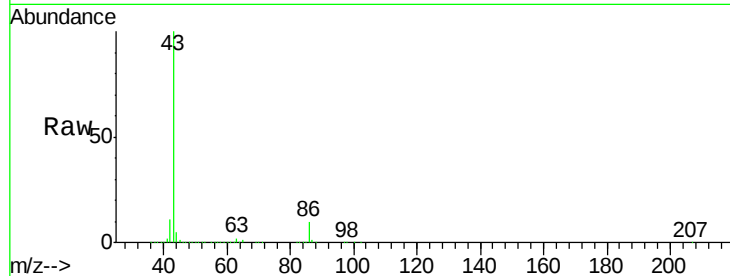
#23  
 Vinyl Acetate  
 Concen: 231.687 ug/l  
 RT: 5.84 min Scan# 1276  
 Delta R.T. 0.00 min  
 Lab File: VN063232.D  
 Acq: 3 Sep 2020 20:00

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 43 Resp: 2868389  
 Ion Ratio Lower Upper  
 43 100  
 86 10.3 8.3 12.5

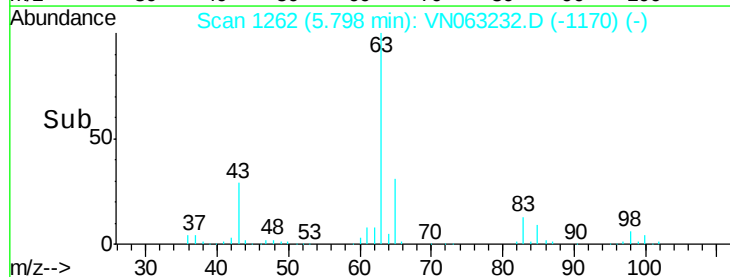
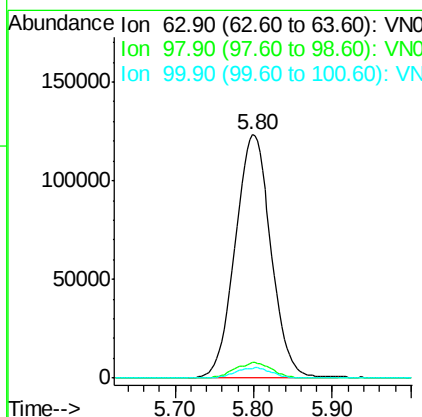
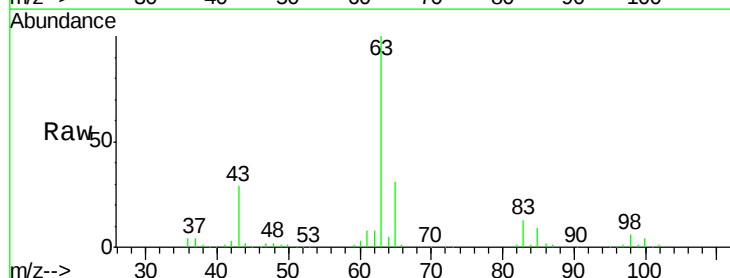
Manual Integrations  
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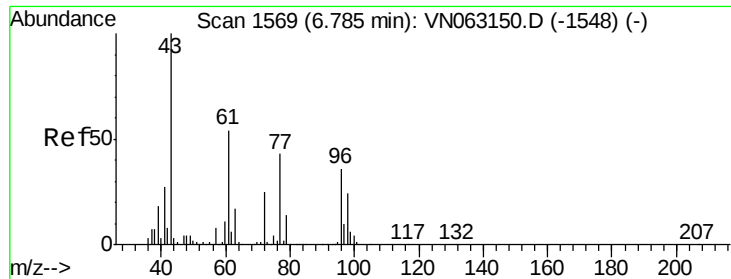
MMDadoda  
 9/4/2020 11:13:47 AM



#24  
 1,1-Dichloroethane  
 Concen: 45.967 ug/l  
 RT: 5.80 min Scan# 1262  
 Delta R.T. -0.00 min  
 Lab File: VN063232.D  
 Acq: 3 Sep 2020 20:00

Tgt Ion: 63 Resp: 393183  
 Ion Ratio Lower Upper  
 63 100  
 98 6.4 3.4 10.1  
 100 4.1 2.3 6.8





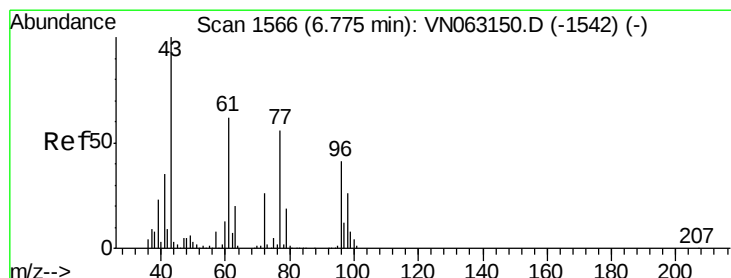
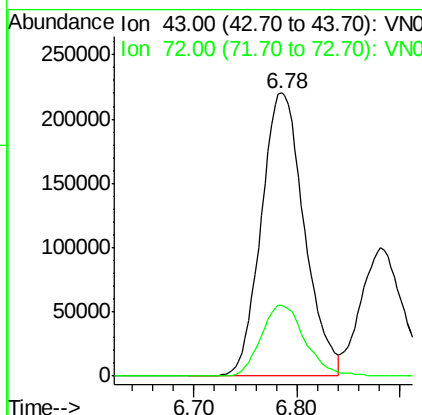
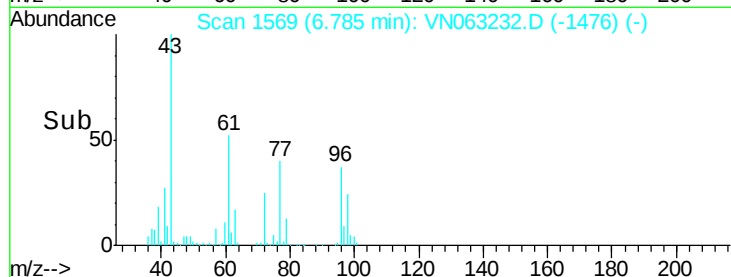
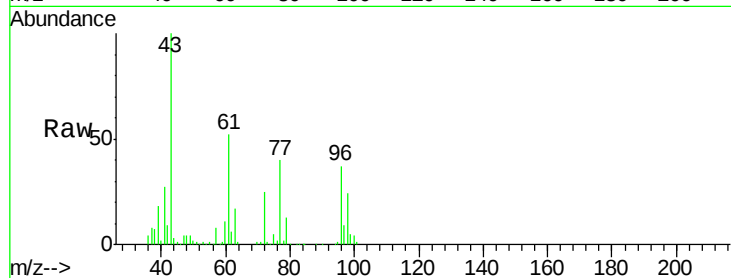
#25  
2-Butanone  
Concen: 248.891 ug/l  
RT: 6.78 min Scan# 1569  
Delta R.T. 0.00 min  
Lab File: VN063232.D  
Acq: 3 Sep 2020 20:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 43 Resp: 636366  
Ion Ratio Lower Upper  
43 100  
72 25.2 20.2 30.4

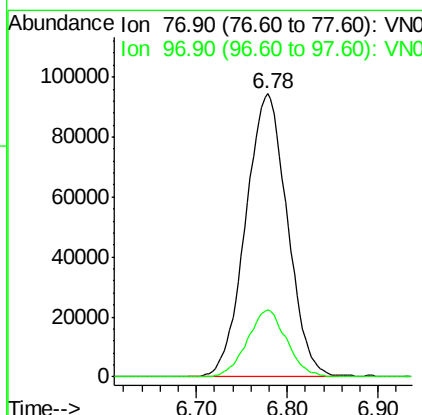
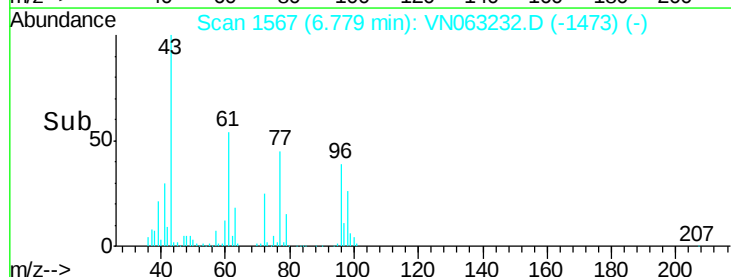
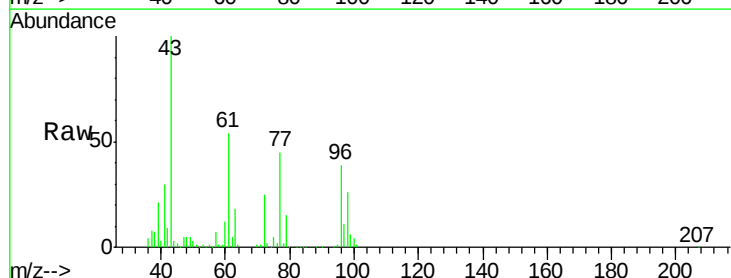
Manual Integrations  
APPROVED

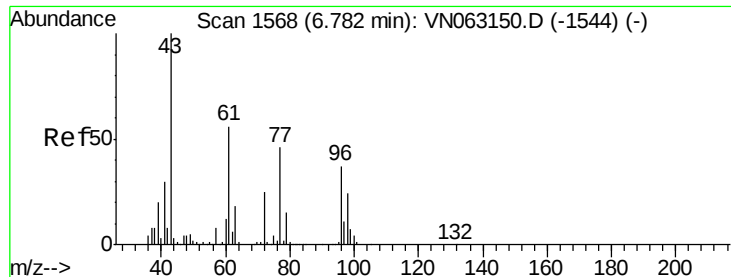
MMDadoda  
9/4/2020 11:13:47 AM



#26  
2,2-Dichloropropane  
Concen: 38.785 ug/l  
RT: 6.78 min Scan# 1567  
Delta R.T. 0.00 min  
Lab File: VN063232.D  
Acq: 3 Sep 2020 20:00

Tgt Ion: 77 Resp: 300576  
Ion Ratio Lower Upper  
77 100  
97 22.5 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 45.519 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

Instrument :

MSVOA\_N

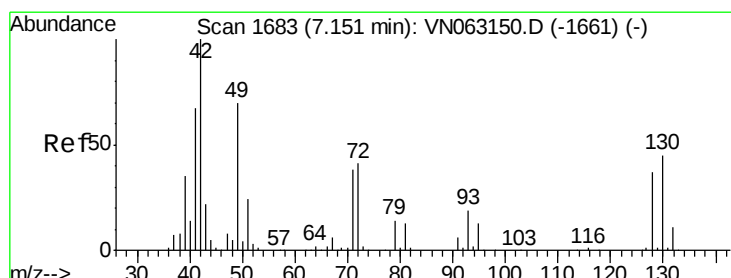
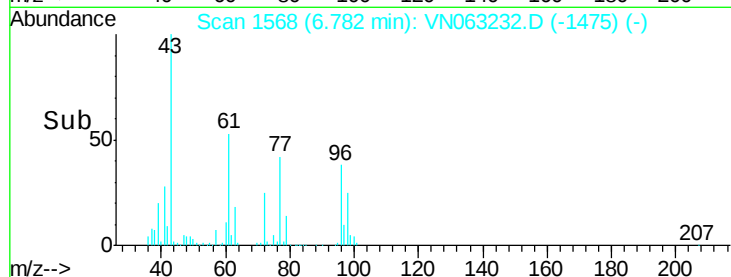
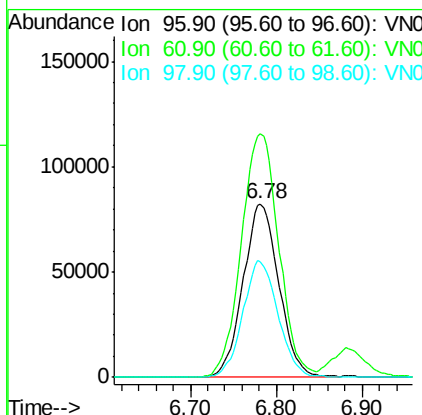
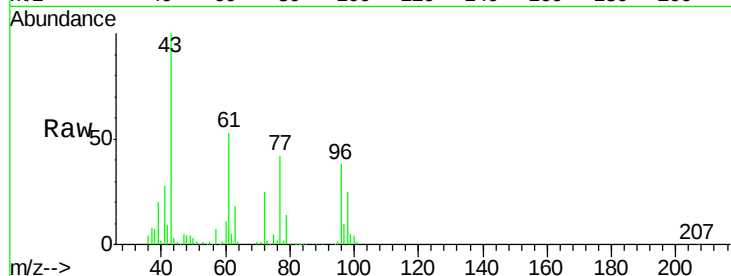
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 238305 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 146.5 | 0.0   | 303.2  |
| 98       | 66.2  | 0.0   | 129.0  |

Manual Integrations  
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#28

Bromochloromethane

Concen: 45.365 ug/l

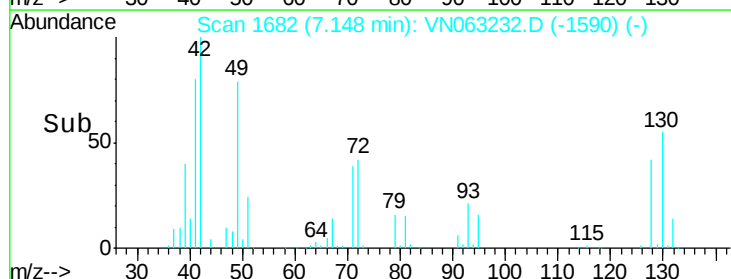
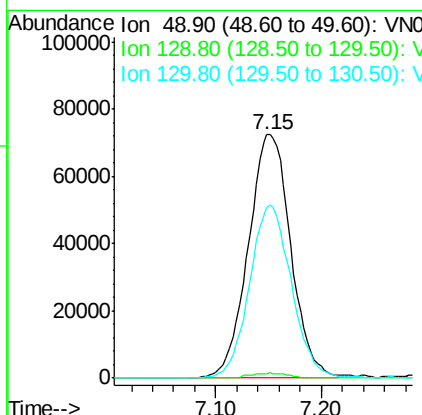
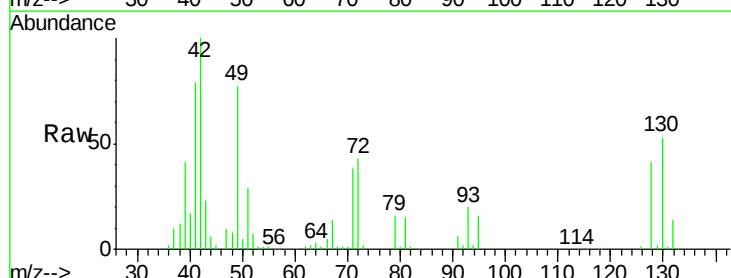
RT: 7.15 min Scan# 1682

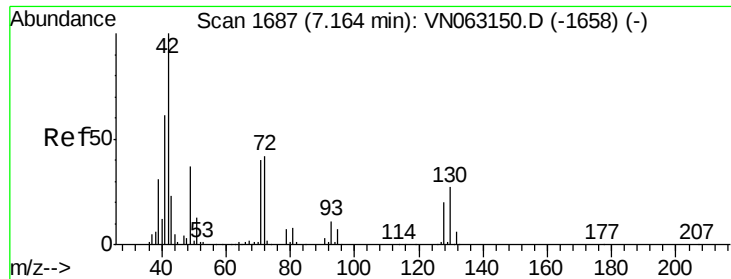
Delta R.T. -0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 49    | Resp: | 202727 |
| Ion      | Ratio | Lower | Upper  |
| 49       | 100   |       |        |
| 129      | 1.8   | 0.0   | 4.0    |
| 130      | 69.8  | 54.4  | 81.6   |





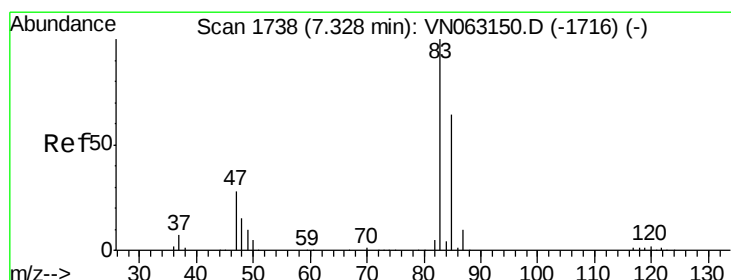
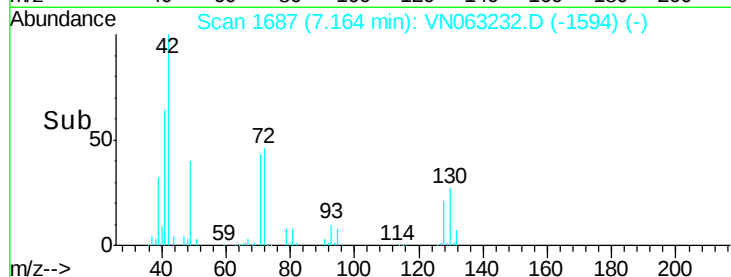
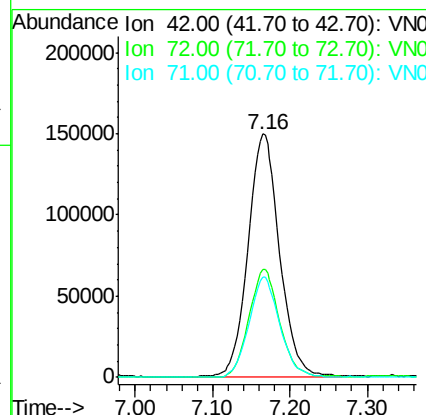
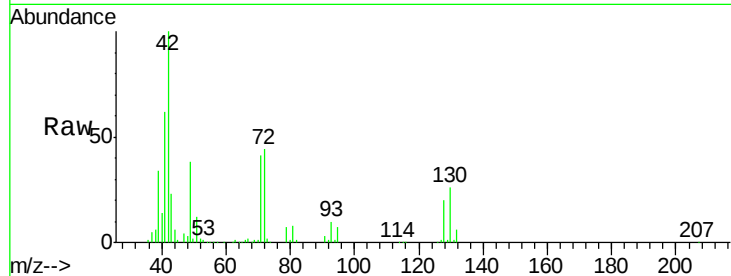
#29  
Tetrahydrofuran  
Concen: 240.220 ug/l  
RT: 7.16 min Scan# 1687  
Delta R.T. 0.00 min  
Lab File: VN063232.D  
Acq: 3 Sep 2020 20:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 42.7  | 33.9  | 50.9  |
| 71      | 40.6  | 31.9  | 47.9  |

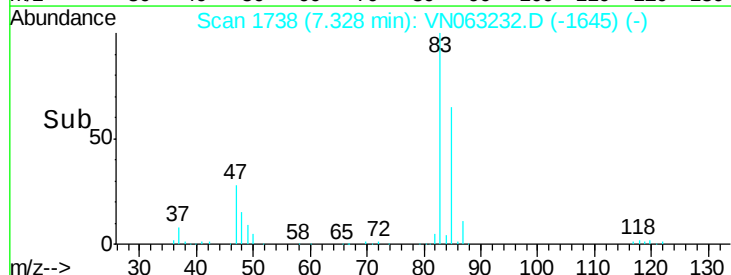
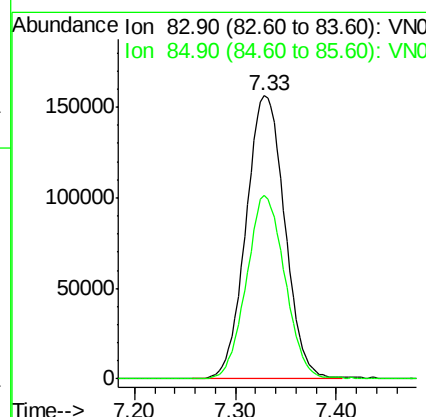
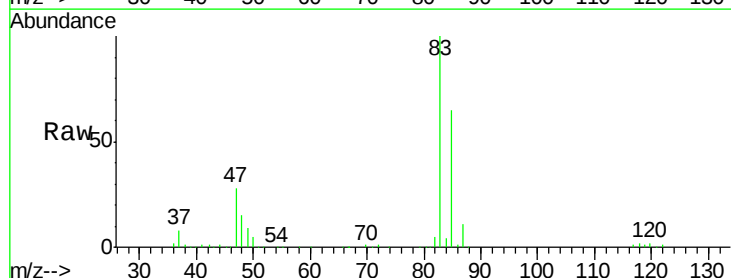
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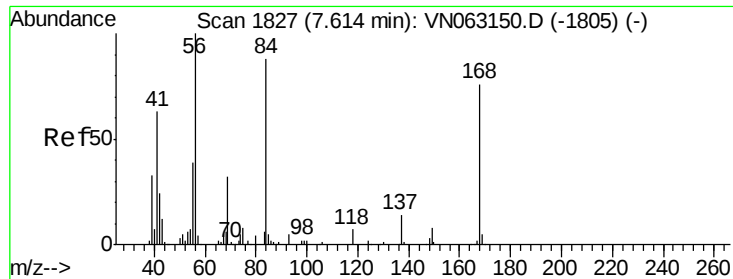
MMDadoda  
9/4/2020 11:13:47 AM



#30  
Chloroform  
Concen: 46.486 ug/l  
RT: 7.33 min Scan# 1738  
Delta R.T. 0.00 min  
Lab File: VN063232.D  
Acq: 3 Sep 2020 20:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.8  | 51.0  | 76.6  |





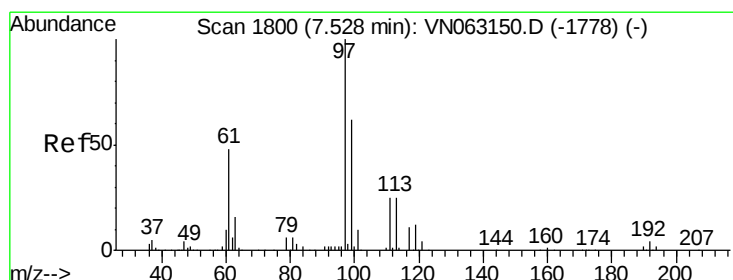
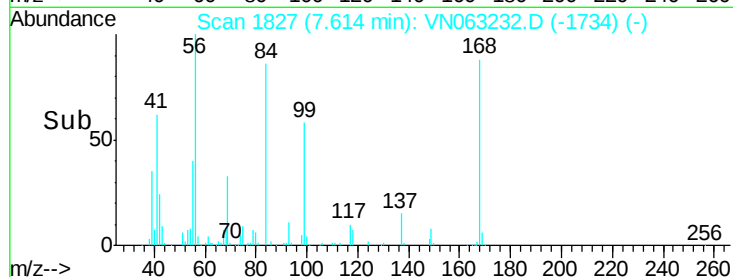
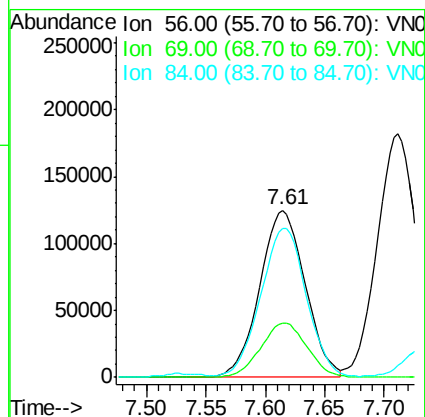
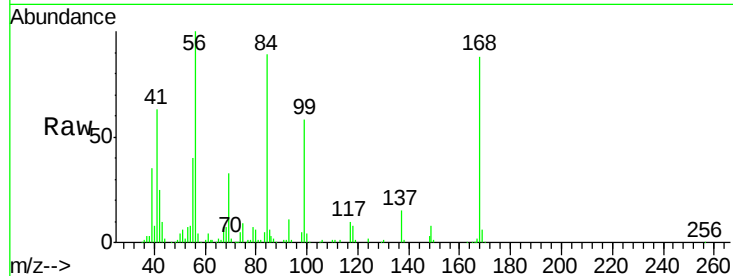
#31  
Cvclohexane  
Concen: 43.537 ug/l  
RT: 7.61 min Scan# 1827  
Delta R.T. 0.00 min  
Lab File: VN063232.D  
Acq: 3 Sep 2020 20:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 32.8  | 25.4  | 38.0  |
| 84      | 87.5  | 70.2  | 105.4 |

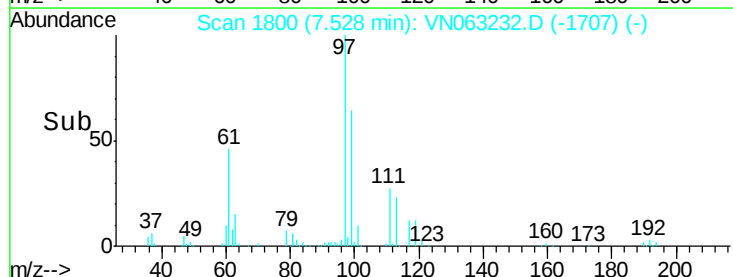
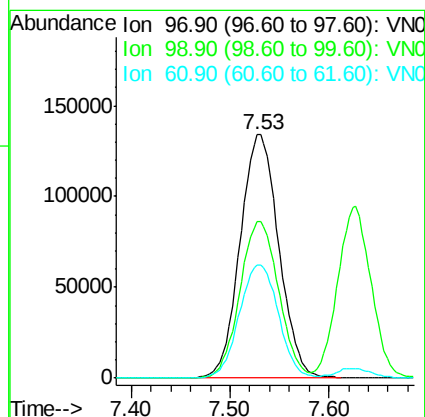
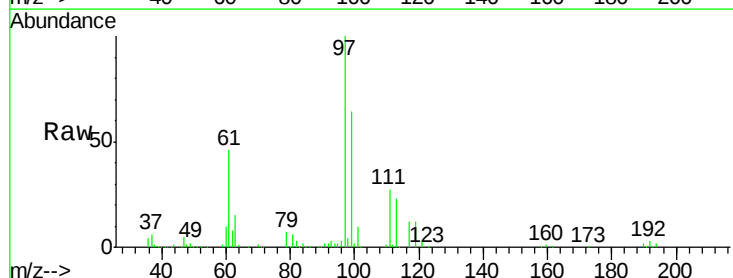
Manual Integrations  
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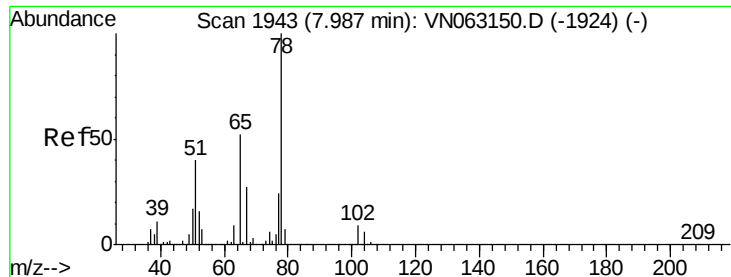
MMDadoda  
9/4/2020 11:13:47 AM



#32  
1,1,1-Trichloroethane  
Concen: 47.110 ug/l  
RT: 7.53 min Scan# 1800  
Delta R.T. 0.00 min  
Lab File: VN063232.D  
Acq: 3 Sep 2020 20:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.7  | 50.8  | 76.2  |
| 61      | 47.2  | 37.4  | 56.2  |





#33

1,2-Dichloroethane-d4

Concen: 47.784 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 277561

Ion Ratio Lower Upper

65 100

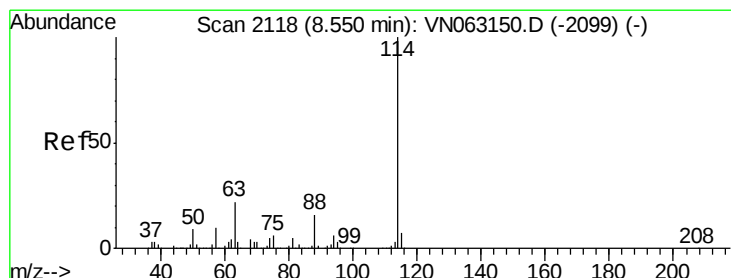
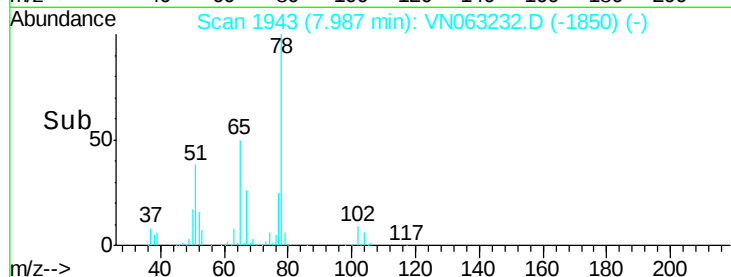
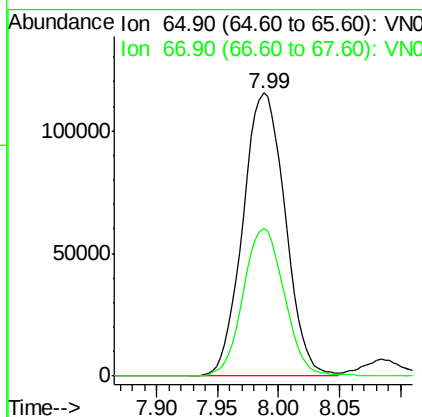
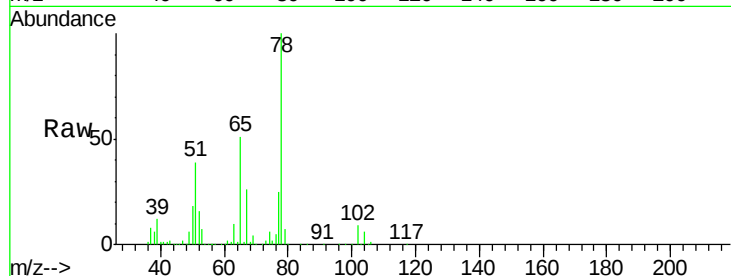
67 50.9 0.0 104.4

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

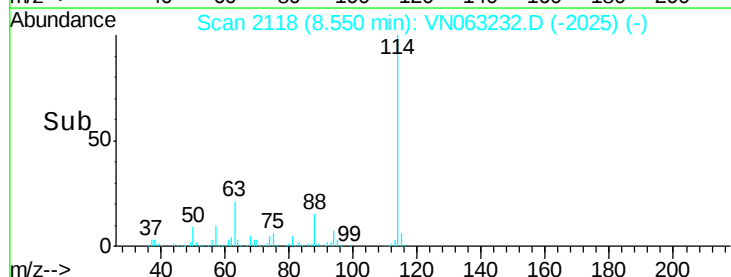
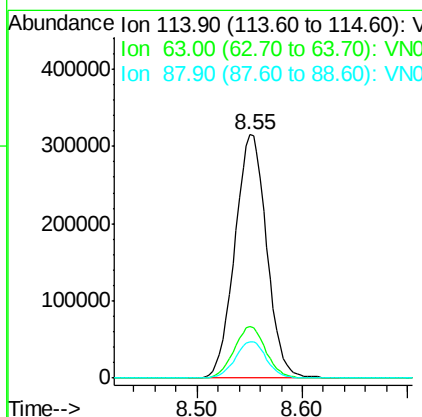
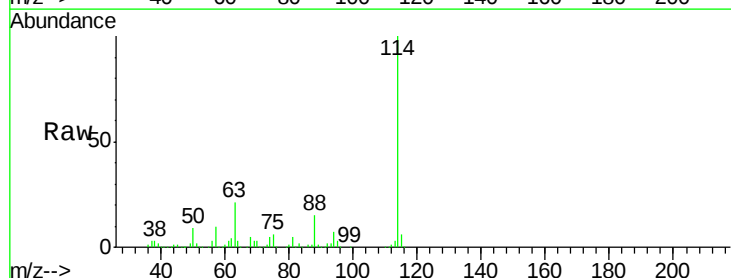
Tgt Ion: 114 Resp: 659921

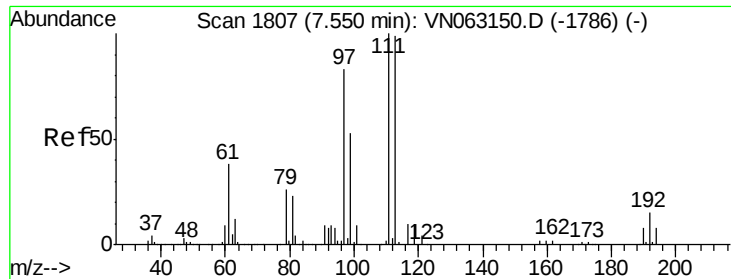
Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.0

88 15.1 0.0 31.6





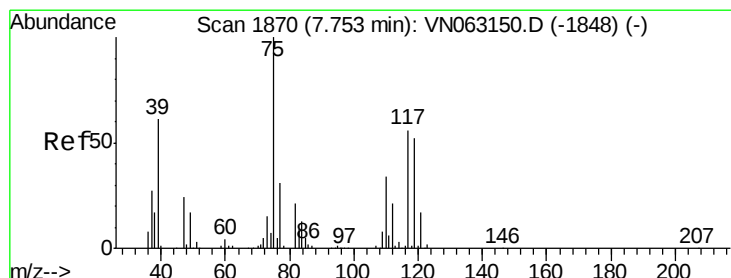
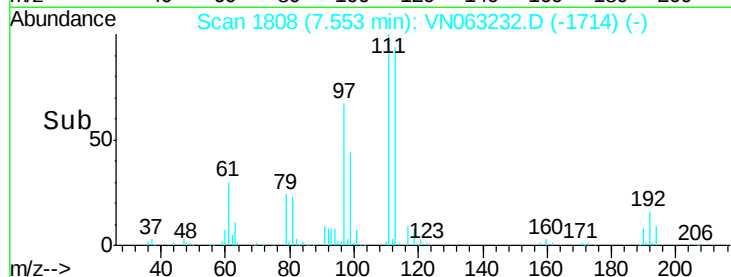
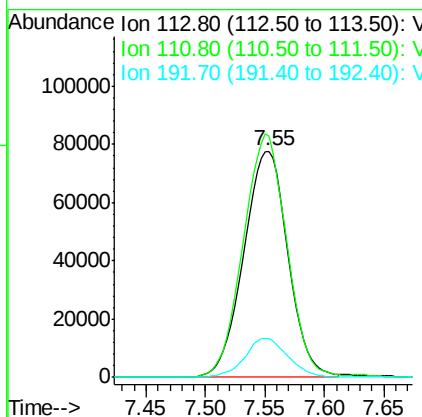
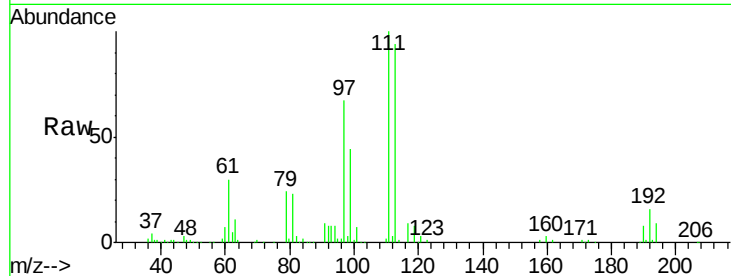
#35  
 Dibromofluoromethane  
 Concen: 47.209 ug/l  
 RT: 7.55 min Scan# 1807  
 Delta R.T. 0.00 min  
 Lab File: VN063232.D  
 Acq: 3 Sep 2020 20:00

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 106.0 | 80.7  | 121.1 |
| 192     | 16.7  | 12.6  | 19.0  |

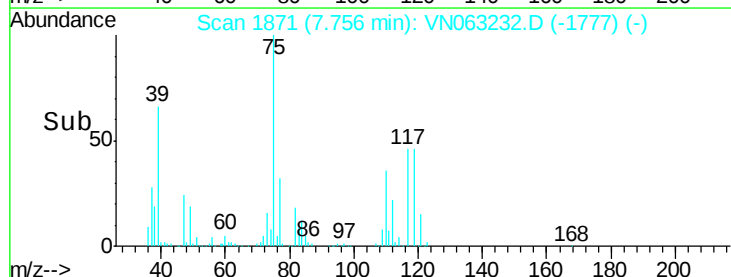
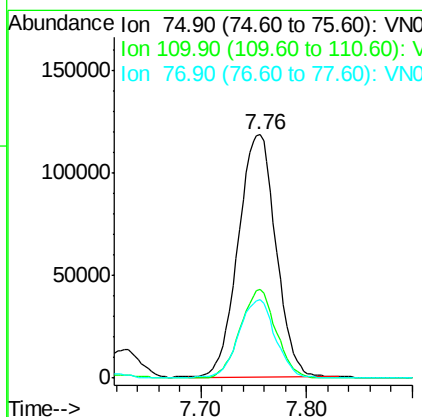
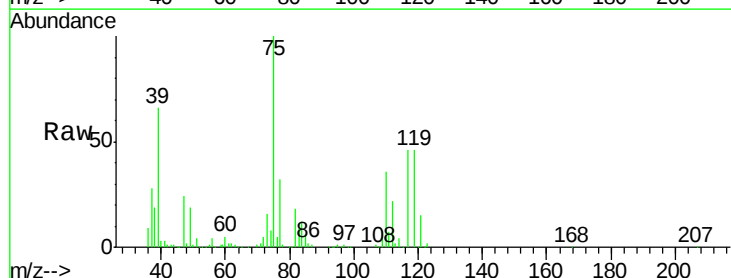
Manual Integrations  
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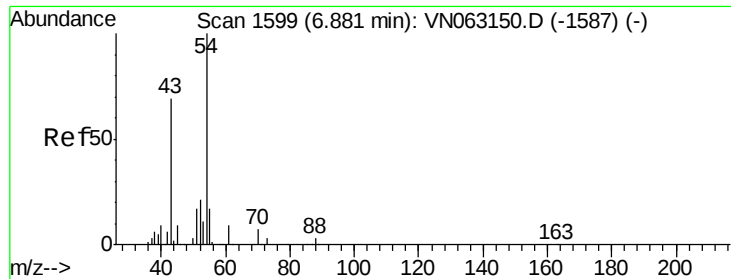
MMDadoda  
 9/4/2020 11:13:47 AM



#36  
 1,1-Dichloropropene  
 Concen: 46.452 ug/l  
 RT: 7.76 min Scan# 1871  
 Delta R.T. 0.00 min  
 Lab File: VN063232.D  
 Acq: 3 Sep 2020 20:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 34.6  | 16.6  | 49.8  |
| 77      | 31.7  | 25.4  | 38.2  |





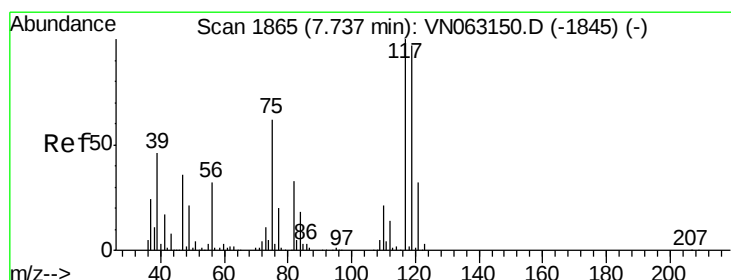
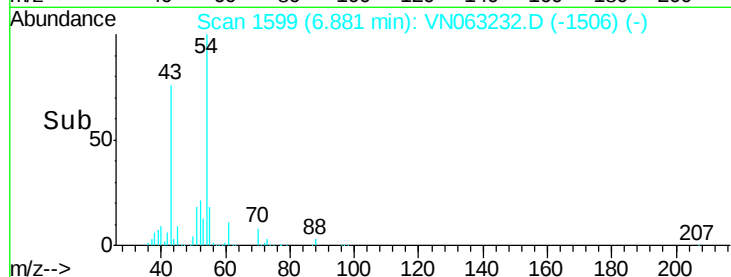
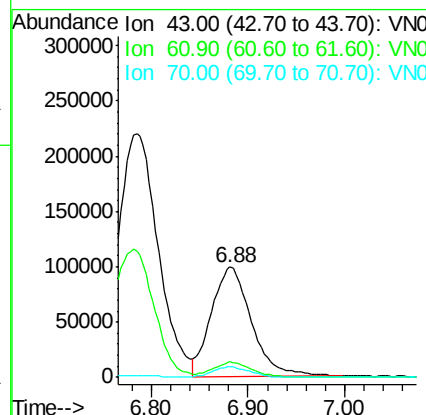
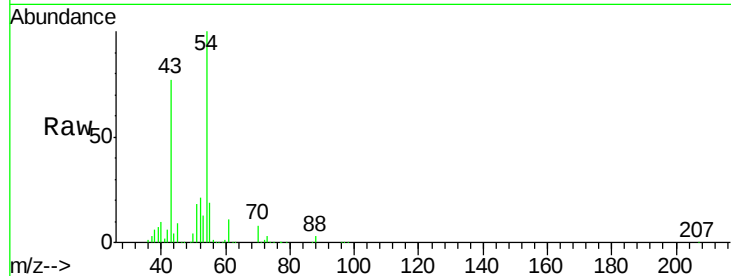
#37  
Ethyl Acetate  
Concen: 47.687 ug/l  
RT: 6.88 min Scan# 1599  
Delta R.T. 0.00 min  
Lab File: VN063232.D  
Acq: 3 Sep 2020 20:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 43      | 100   |      |       |       |
| 61      | 13.5  | 10.2 | 15.4  |       |
| 70      | 8.6   | 3.0  | 4.6   |       |

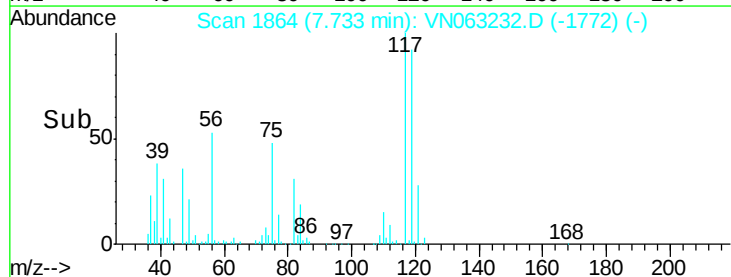
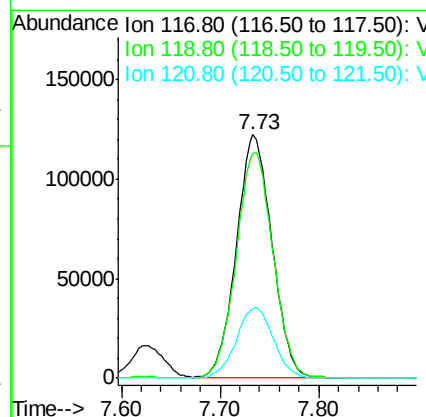
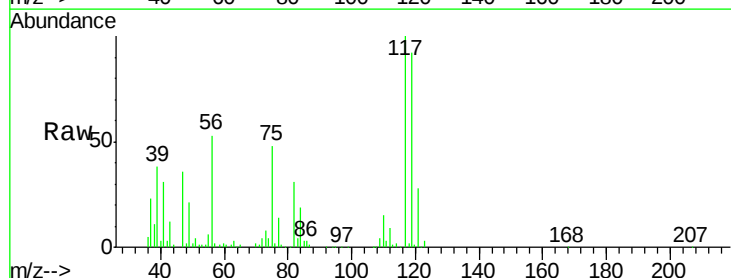
Manual Integrations  
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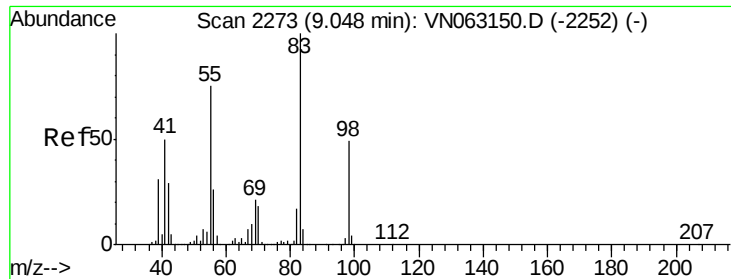
MMDadoda  
9/4/2020 11:13:47 AM



#38  
Carbon Tetrachloride  
Concen: 47.536 ug/l  
RT: 7.73 min Scan# 1864  
Delta R.T. -0.00 min  
Lab File: VN063232.D  
Acq: 3 Sep 2020 20:00

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 92.4  | 77.2 | 115.8 |       |
| 121     | 28.5  | 25.6 | 38.4  |       |





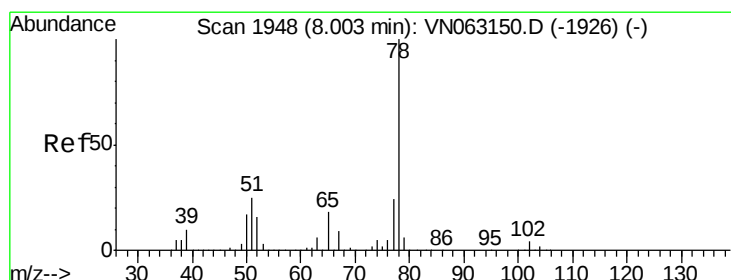
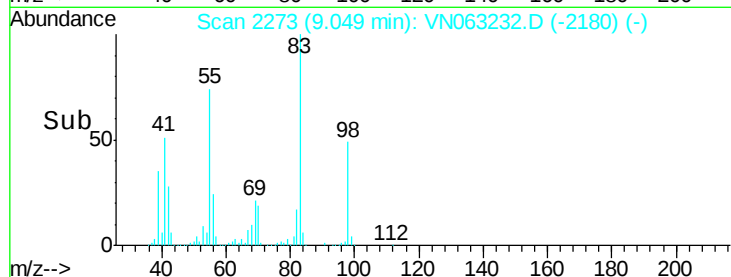
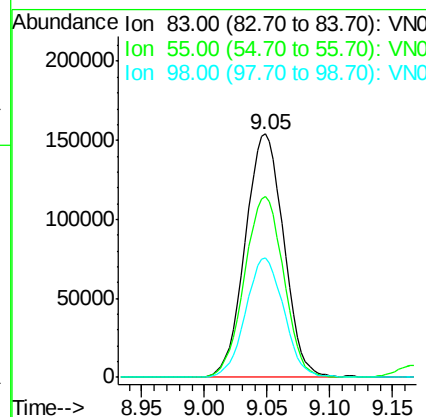
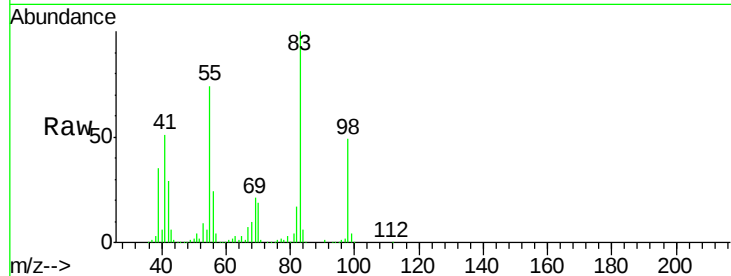
#39  
Methvlcvclohexane  
Concen: 46.194 ug/l  
RT: 9.05 min Scan# 2273  
Delta R.T. 0.00 min  
Lab File: VN063232.D  
Acq: 3 Sep 2020 20:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 83      | 100   |      |       |       |
| 55      | 74.1  | 60.3 | 90.5  |       |
| 98      | 48.8  | 38.9 | 58.3  |       |

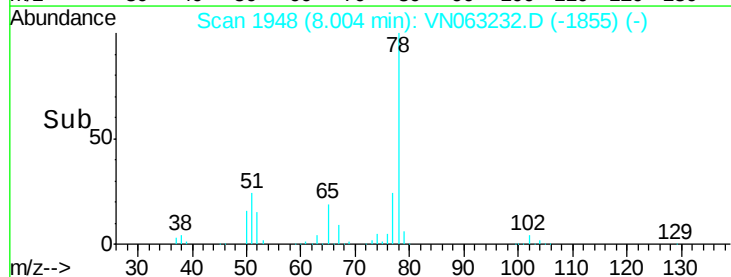
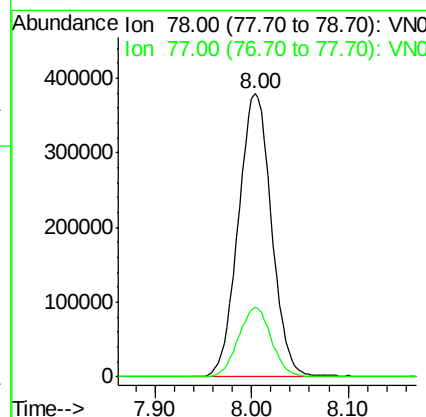
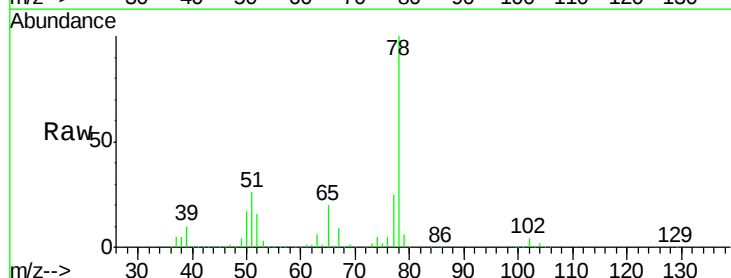
Manual Integrations  
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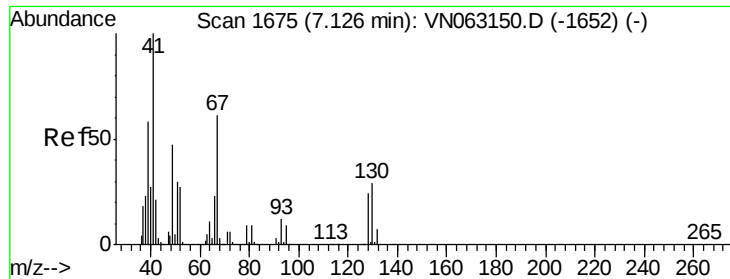
MMDadoda  
9/4/2020 11:13:47 AM



#40  
Benzene  
Concen: 48.515 ug/l  
RT: 8.00 min Scan# 1948  
Delta R.T. 0.00 min  
Lab File: VN063232.D  
Acq: 3 Sep 2020 20:00

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 78      | 100   |      |       |       |
| 77      | 24.5  | 19.3 | 28.9  |       |





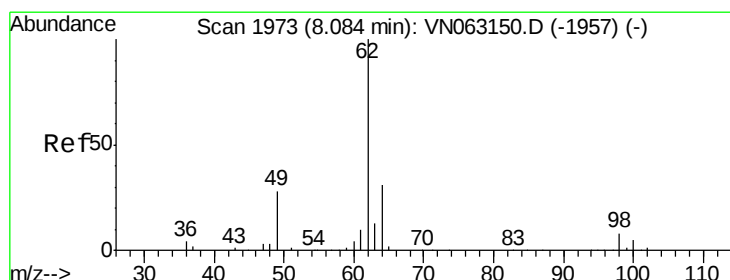
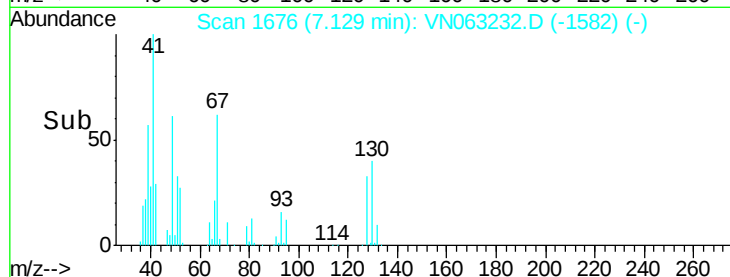
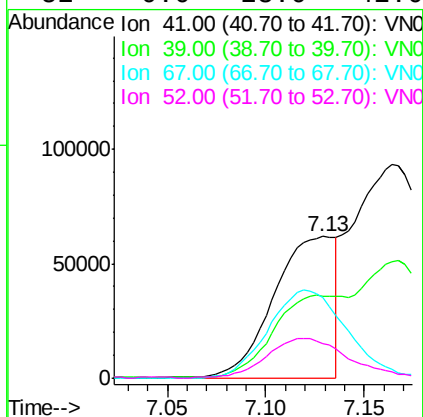
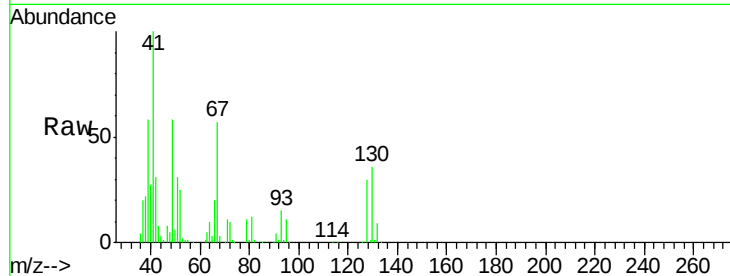
#41  
Methacrylonitrile  
Concen: 50.468 ug/l m  
RT: 7.13 min Scan# 1676  
Delta R.T. 0.00 min  
Lab File: VN063232.D  
Acq: 3 Sep 2020 20:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 0.0   | 46.6  | 70.0# |
| 67      | 0.0   | 62.6  | 94.0# |
| 52      | 0.0   | 28.0  | 42.0# |

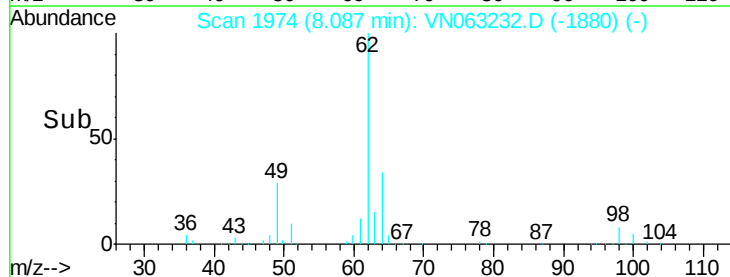
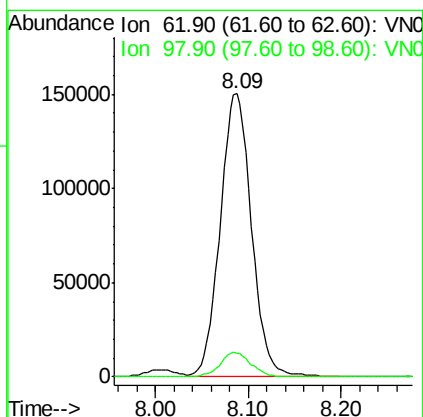
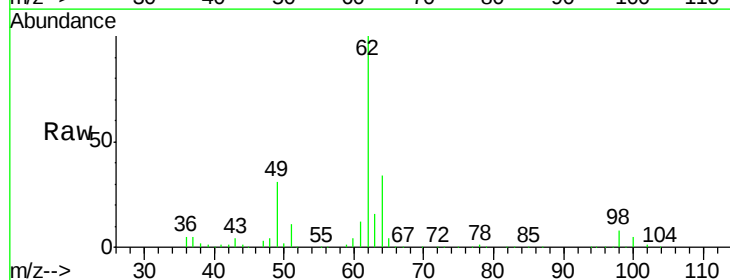
Manual Integrations  
APPROVED

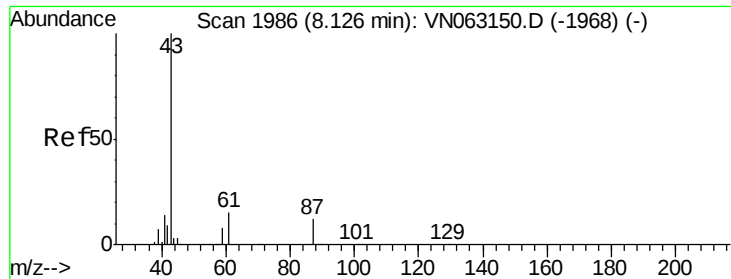
MMDadoda  
9/4/2020 11:13:47 AM



#42  
1,2-Dichloroethane  
Concen: 50.270 ug/l  
RT: 8.09 min Scan# 1974  
Delta R.T. 0.00 min  
Lab File: VN063232.D  
Acq: 3 Sep 2020 20:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 8.6   | 0.0   | 17.2  |





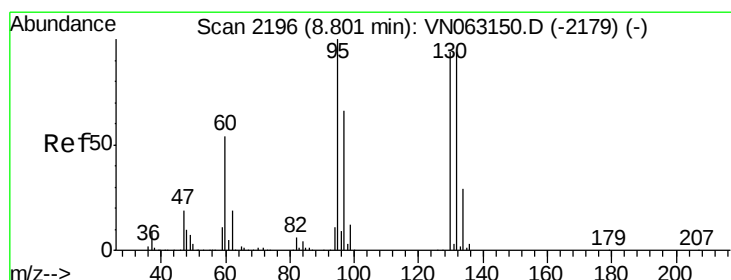
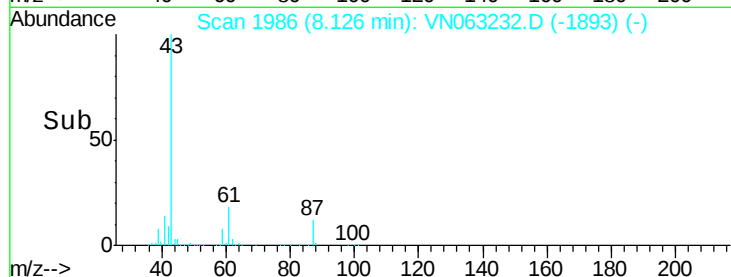
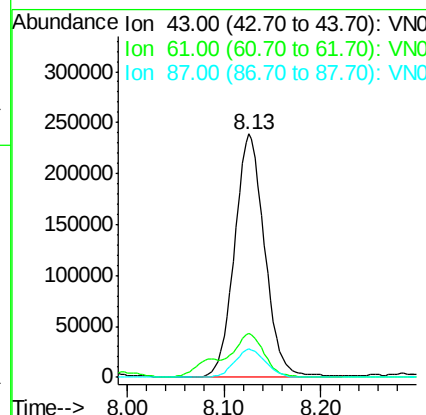
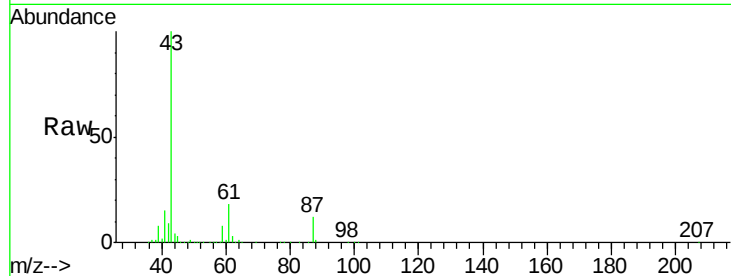
#43  
Isopropyl Acetate  
Concen: 49.539 ug/l  
RT: 8.13 min Scan# 1986  
Delta R.T. 0.00 min  
Lab File: VN063232.D  
Acq: 3 Sep 2020 20:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion   | 43   | Resp  | 512554 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 43        | 100  |       |        |
| 61        | 17.5 | 20.2  | 30.4#  |
| 87        | 12.0 | 9.8   | 14.6   |

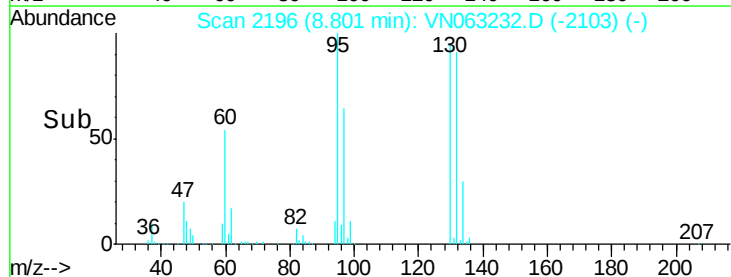
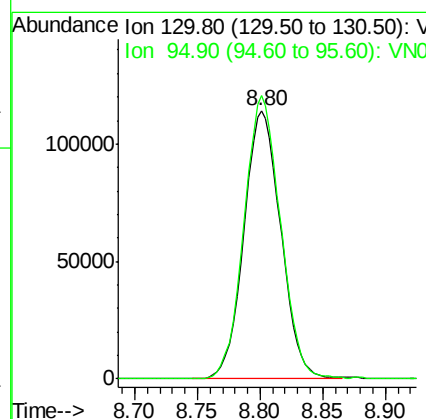
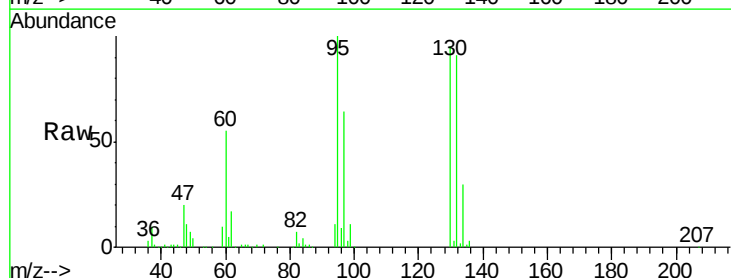
Manual Integrations  
APPROVED

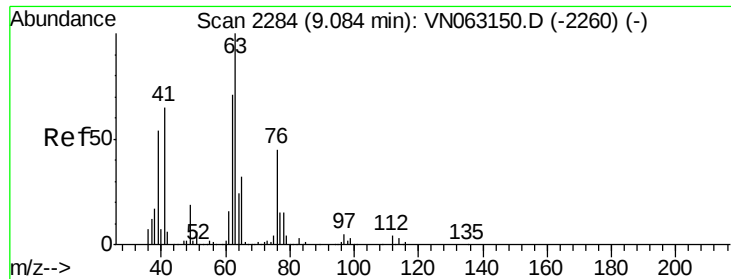
MMDadoda  
9/4/2020 11:13:47 AM



#44  
Trichloroethene  
Concen: 51.655 ug/l  
RT: 8.80 min Scan# 2196  
Delta R.T. 0.00 min  
Lab File: VN063232.D  
Acq: 3 Sep 2020 20:00

| Tgt Ion   | 130   | Resp  | 233586 |
|-----------|-------|-------|--------|
| Ion Ratio | 100   | Lower | Upper  |
| 130       | 100   |       |        |
| 95        | 105.5 | 0.0   | 212.0  |





#45

1,2-Dichloropropane

Concen: 48.002 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 236939

Ion Ratio Lower Upper

63 100

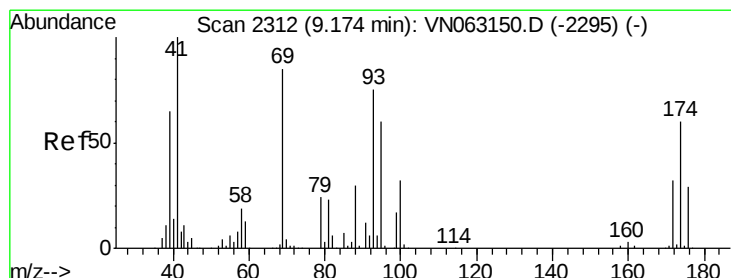
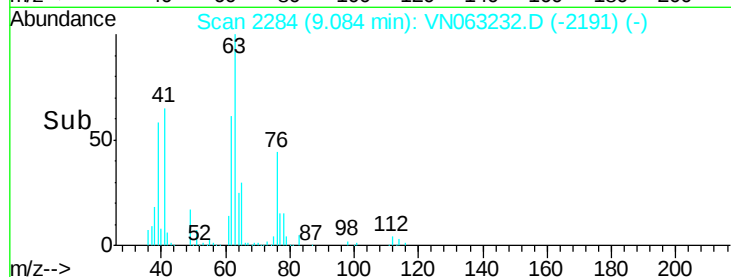
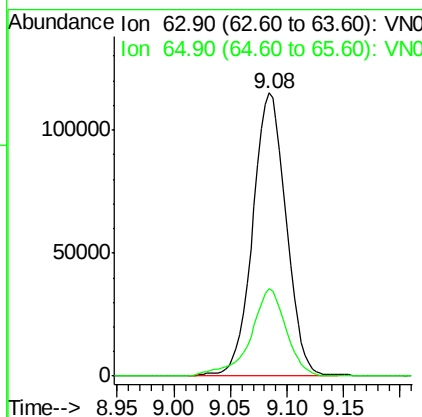
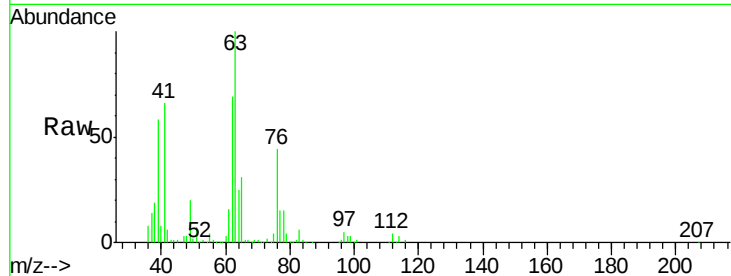
65 30.6 25.4 38.0

Manual Integrations

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9/4/2020 11:13:47 AM



#46

Dibromomethane

Concen: 50.643 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

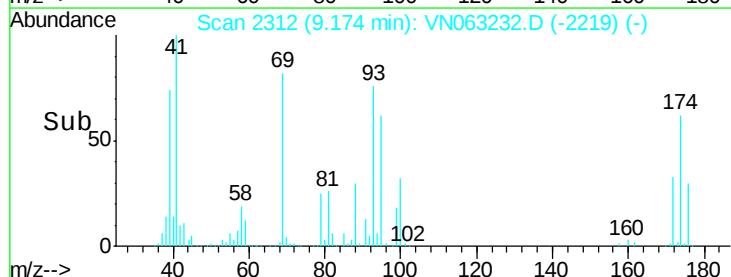
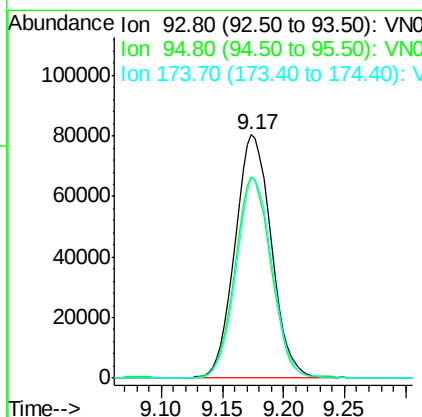
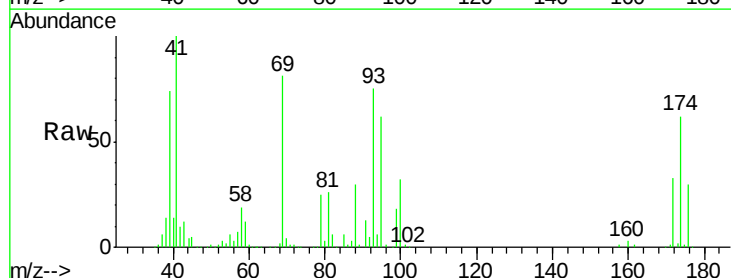
Tgt Ion: 93 Resp: 165659

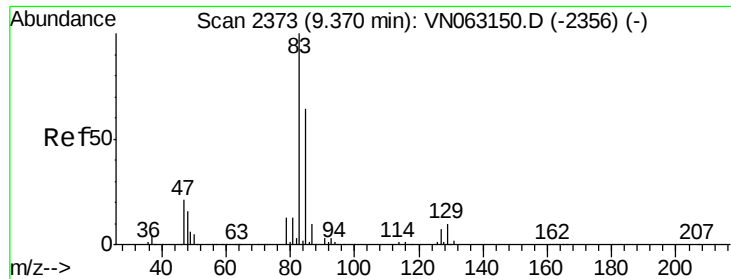
Ion Ratio Lower Upper

93 100

95 82.5 65.2 97.8

174 81.6 64.6 97.0





#47

Bromodichloromethane

Concen: 48.727 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

Instrument :

MSVOA\_N

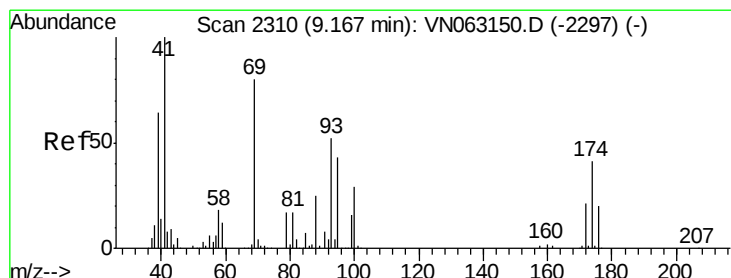
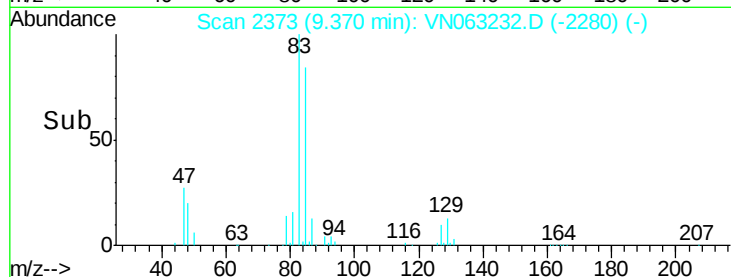
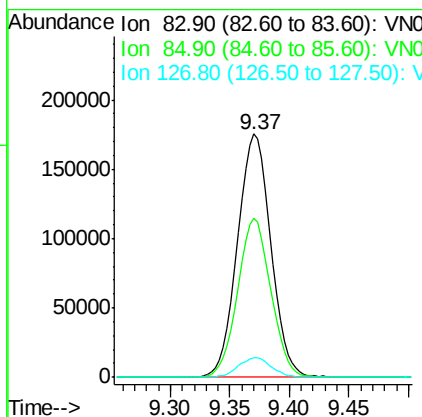
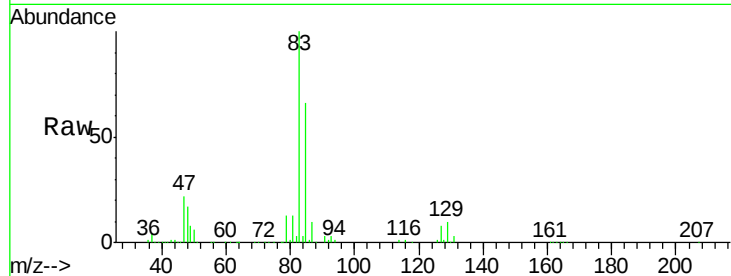
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 341646 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 65.5  | 51.0  | 76.6   |
| 127       | 7.8   | 5.7   | 8.5    |

Manual Integrations  
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9/4/2020 11:13:47 AM



#48

Methyl methacrylate

Concen: 49.828 ug/l

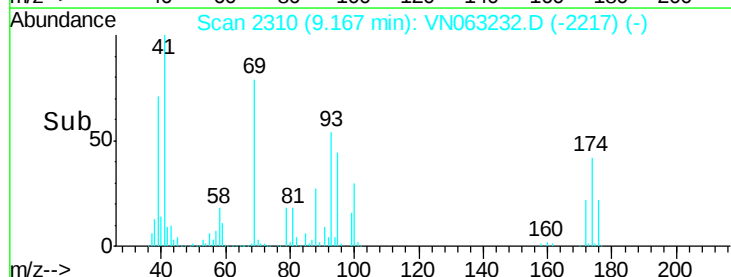
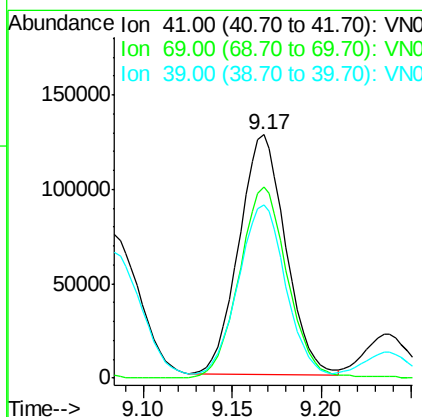
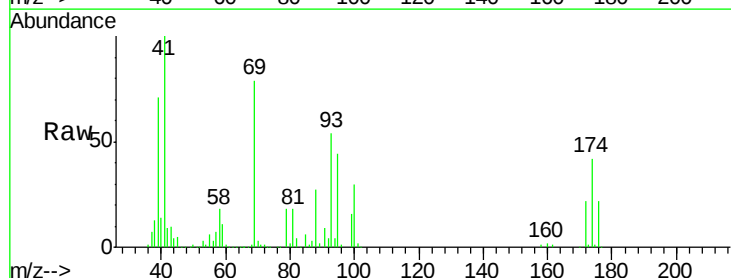
RT: 9.17 min Scan# 2310

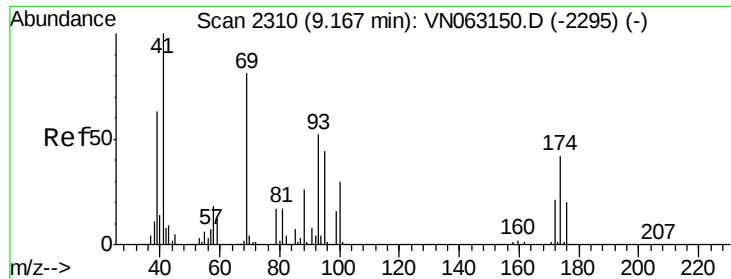
Delta R.T. 0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 232407 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 82.6  | 65.9  | 98.9   |
| 39        | 73.8  | 52.0  | 78.0   |





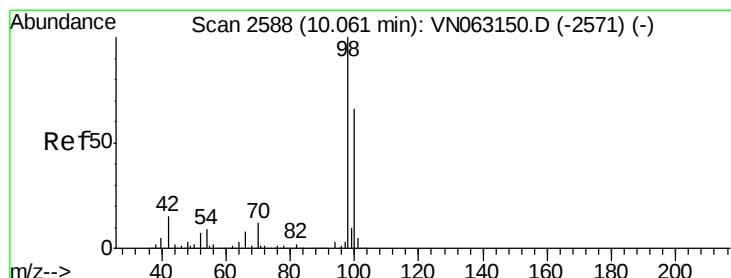
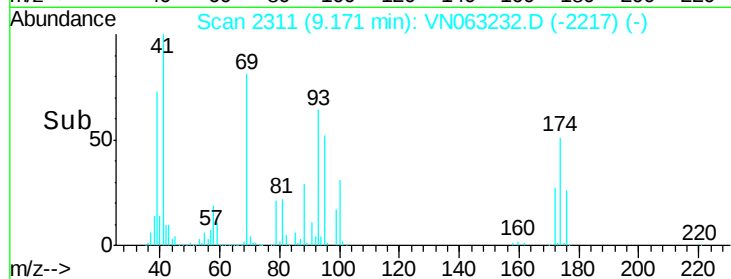
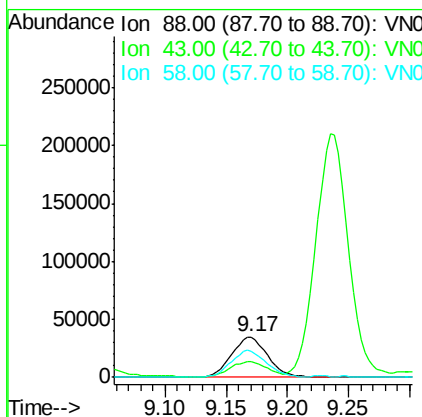
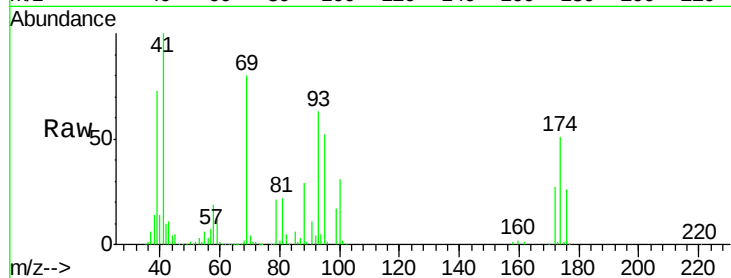
#49  
1,4-Dioxane  
Concen: 997.715 ug/l  
RT: 9.17 min Scan# 2311  
Delta R.T. 0.00 min  
Lab File: VN063232.D  
Acq: 3 Sep 2020 20:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | 88    | Resp  | 71976 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 88      | 100   |       |       |
| 43      | 37.1  | 28.6  | 42.8  |
| 58      | 65.6  | 53.2  | 79.8  |

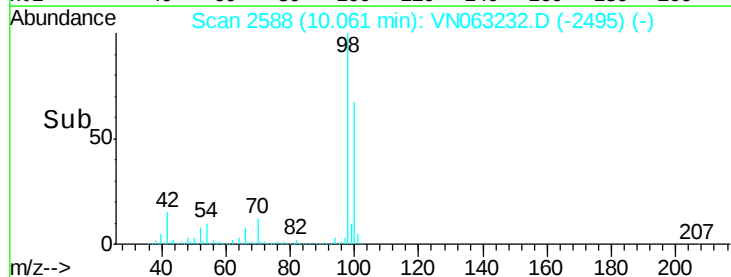
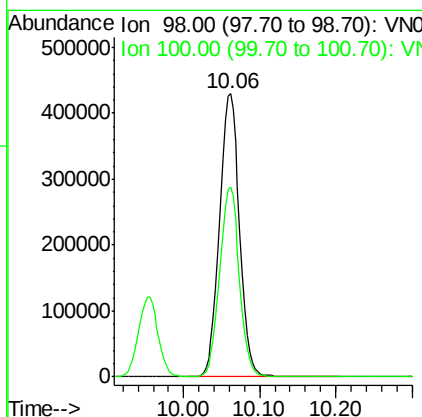
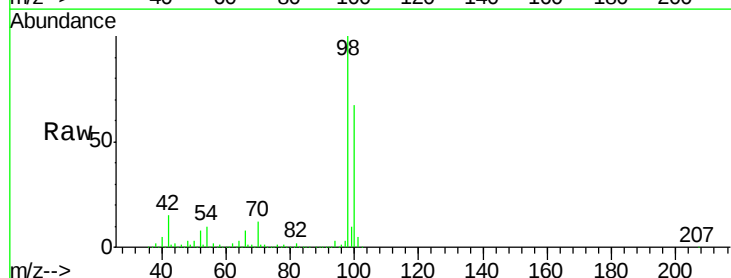
Manual Integrations  
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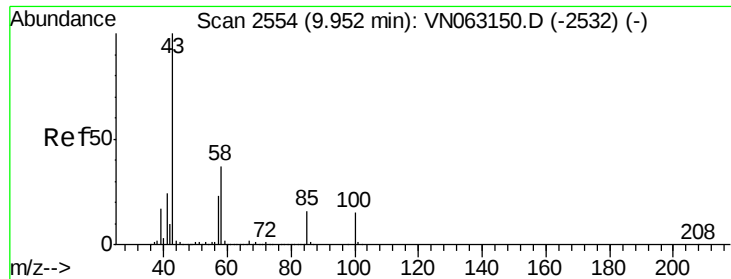
MMDadoda  
9/4/2020 11:13:47 AM



#50  
Toluene-d8  
Concen: 48.108 ug/l  
RT: 10.06 min Scan# 2588  
Delta R.T. 0.00 min  
Lab File: VN063232.D  
Acq: 3 Sep 2020 20:00

| Tgt Ion | 98    | Resp  | 783946 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 98      | 100   |       |        |
| 100     | 65.9  | 52.0  | 78.0   |





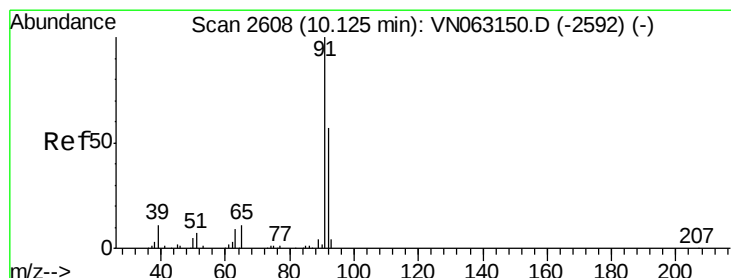
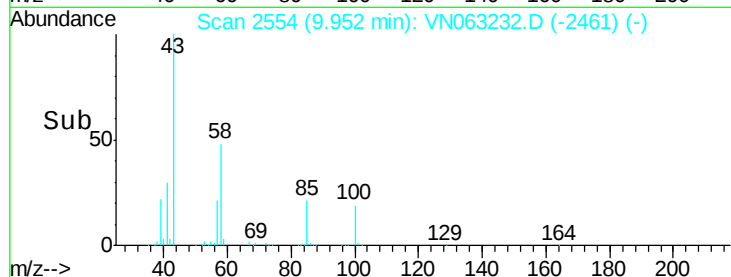
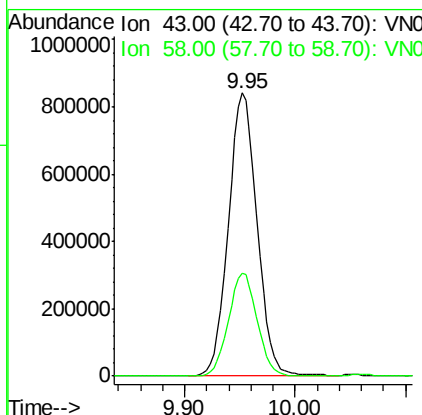
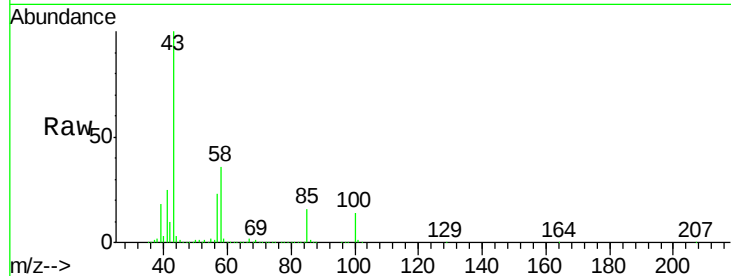
#51  
4-Methyl-2-Pentanone  
Concen: 268.702 ug/l  
RT: 9.95 min Scan# 2554  
Delta R.T. 0.00 min  
Lab File: VN063232.D  
Acq: 3 Sep 2020 20:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 43 Resp: 1510720  
Ion Ratio Lower Upper  
43 100  
58 36.4 29.2 43.8

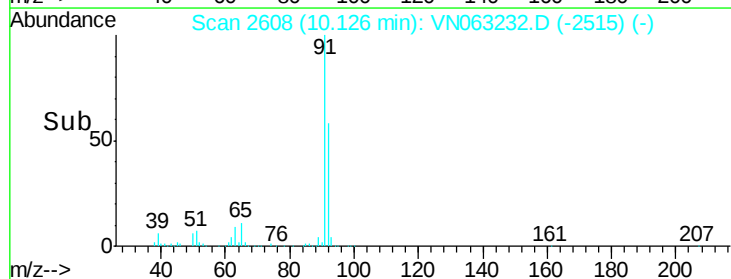
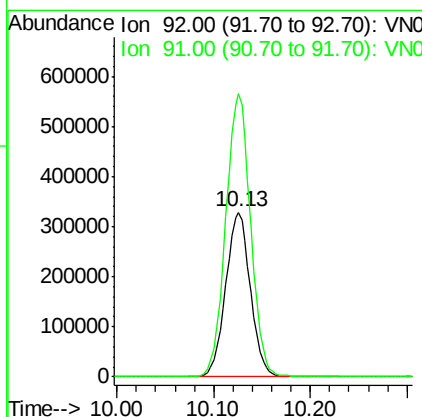
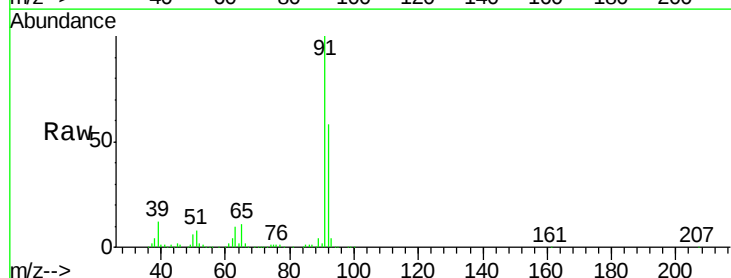
Manual Integrations  
APPROVED

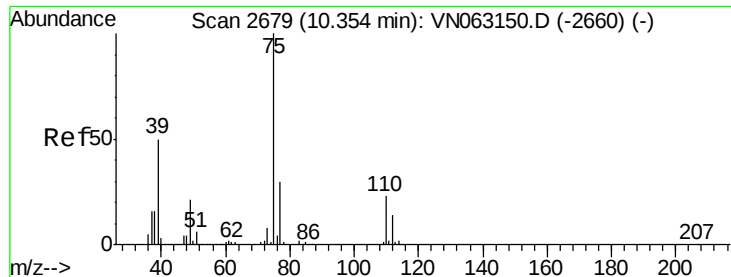
MMDadoda  
9/4/2020 11:13:47 AM



#52  
Toluene  
Concen: 49.881 ug/l  
RT: 10.13 min Scan# 2608  
Delta R.T. 0.00 min  
Lab File: VN063232.D  
Acq: 3 Sep 2020 20:00

Tgt Ion: 92 Resp: 579293  
Ion Ratio Lower Upper  
92 100  
91 173.8 141.2 211.8





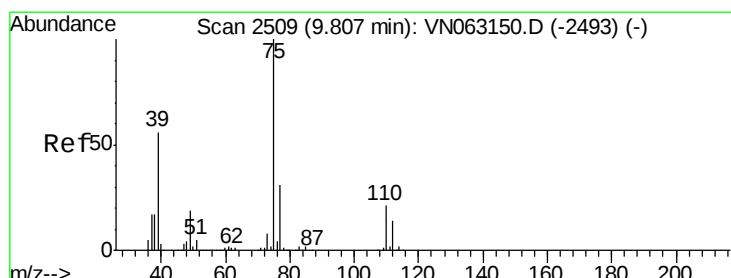
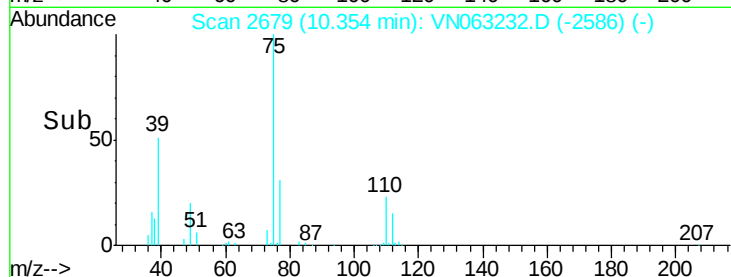
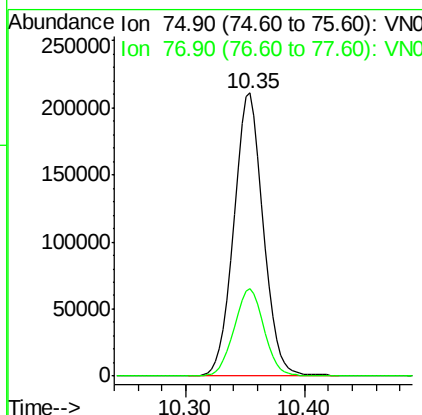
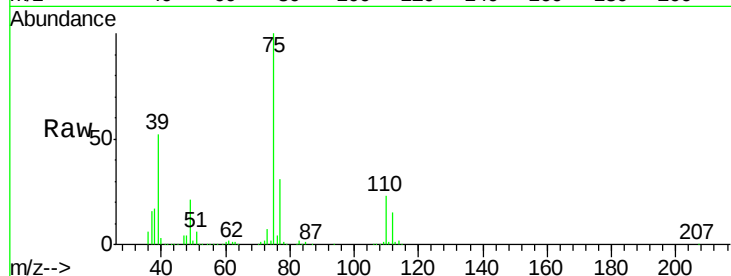
#53  
t-1,3-Dichloropropene  
Concen: 47.099 ug/l  
RT: 10.35 min Scan# 2679  
Delta R.T. 0.00 min  
Lab File: VN063232.D  
Acq: 3 Sep 2020 20:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 30.7  | 24.2  | 36.2  |

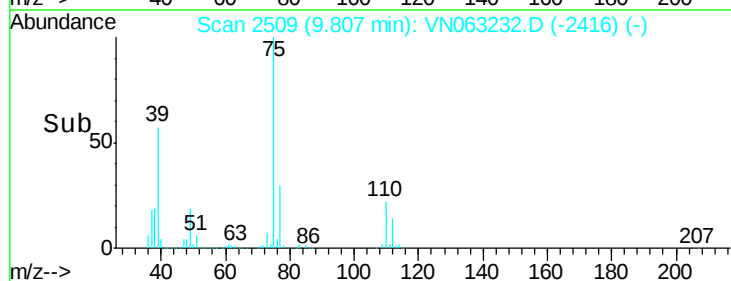
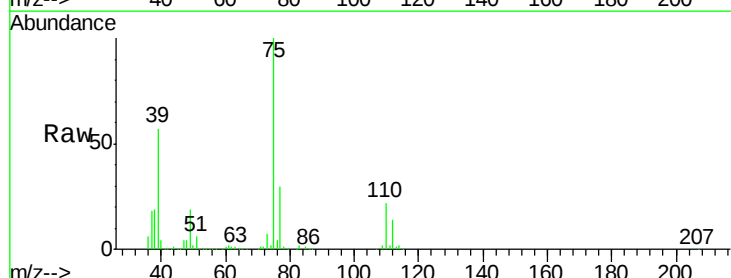
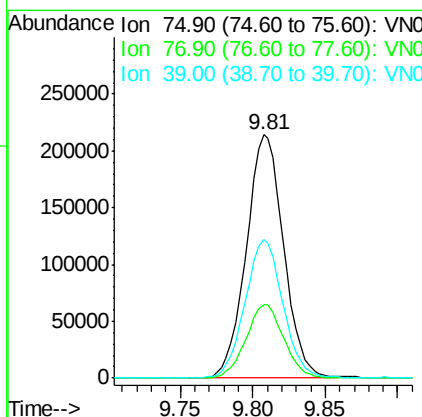
Manual Integrations  
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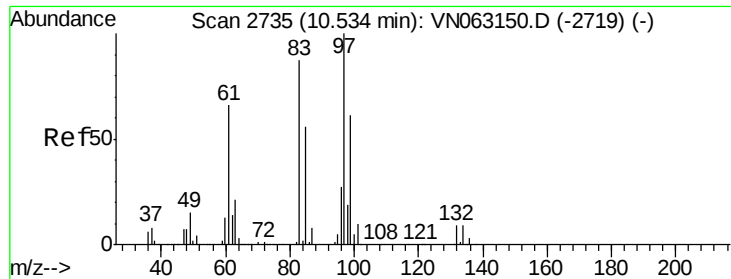
MMDadoda  
9/4/2020 11:13:47 AM



#54  
cis-1,3-Dichloropropene  
Concen: 47.609 ug/l  
RT: 9.81 min Scan# 2509  
Delta R.T. 0.00 min  
Lab File: VN063232.D  
Acq: 3 Sep 2020 20:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 30.4  | 24.8  | 37.2  |
| 39      | 56.7  | 45.0  | 67.6  |





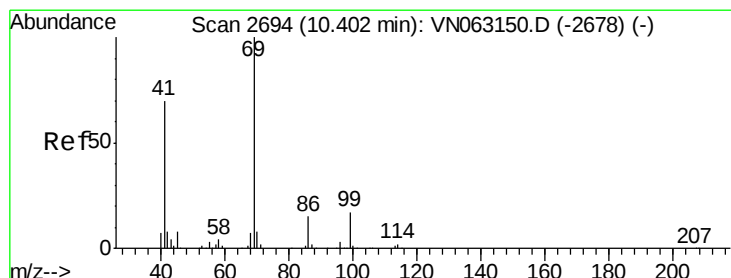
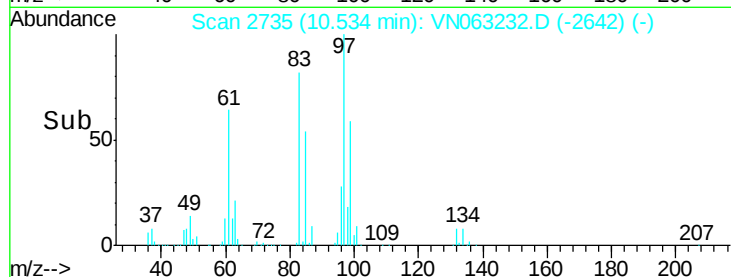
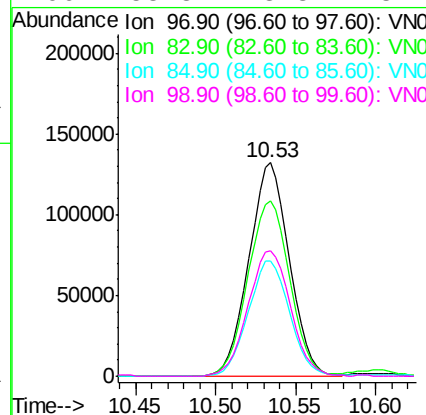
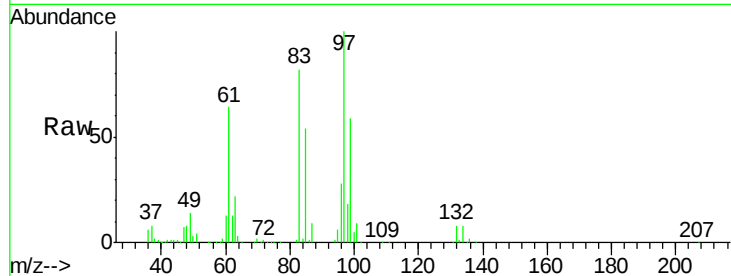
#55  
 1,1,2-Trichloroethane  
 Concen: 51.500 ug/l  
 RT: 10.53 min Scan# 2735  
 Delta R.T. 0.00 min  
 Lab File: VN063232.D  
 Acq: 3 Sep 2020 20:00

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 229051 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 82.1  | 69.8  | 104.8  |
| 85       | 54.0  | 44.9  | 67.3   |
| 99       | 58.8  | 48.8  | 73.2   |

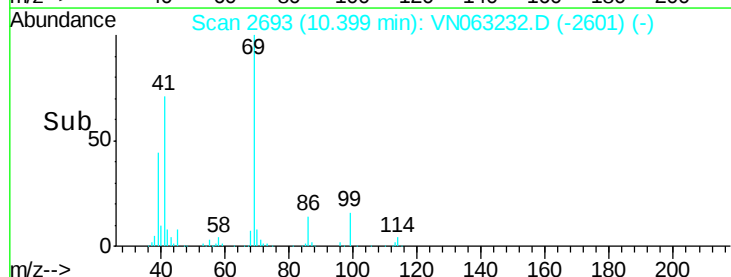
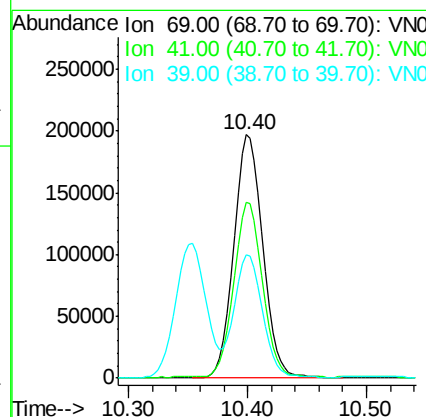
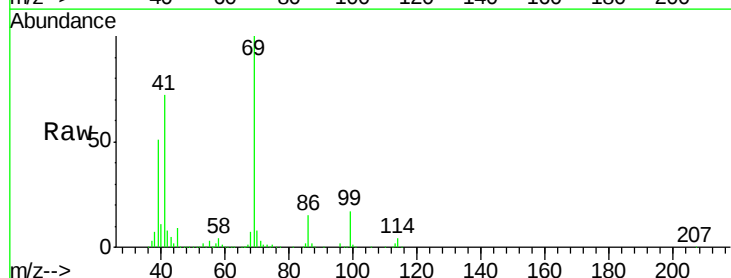
Manual Integrations  
 APPROVED

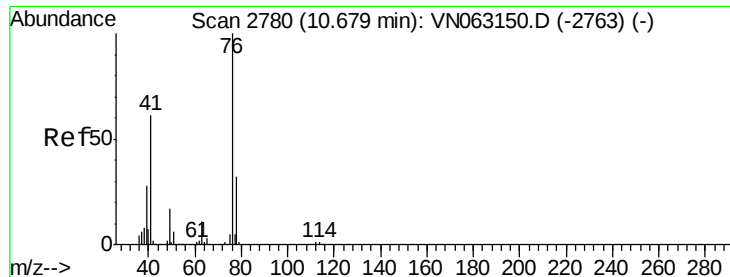
MMDadoda  
 9/4/2020 11:13:47 AM



#56  
 Ethyl methacrylate  
 Concen: 49.196 ug/l  
 RT: 10.40 min Scan# 2693  
 Delta R.T. -0.00 min  
 Lab File: VN063232.D  
 Acq: 3 Sep 2020 20:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 332989 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 71.2  | 55.5  | 83.3   |
| 39       | 49.8  | 38.2  | 57.2   |





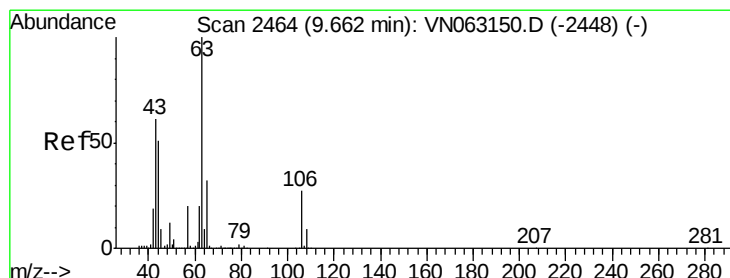
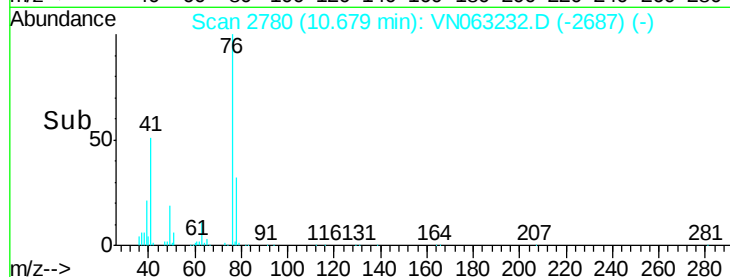
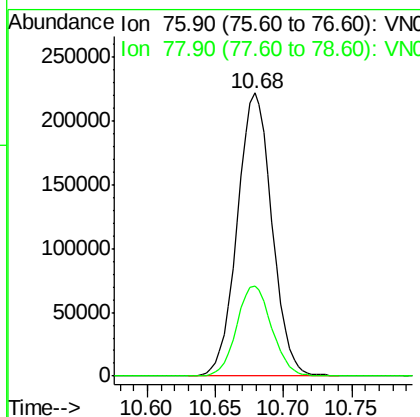
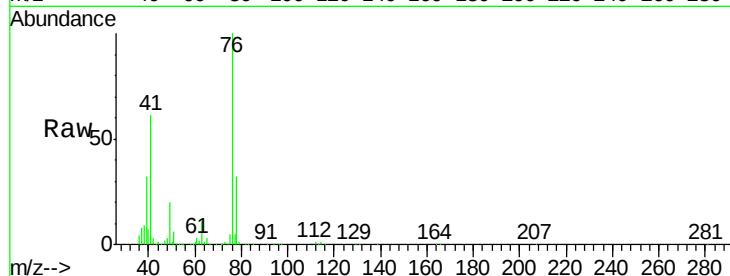
#57  
 1,3-Dichloropropane  
 Concen: 49.473 ug/l  
 RT: 10.68 min Scan# 2780  
 Delta R.T. 0.00 min  
 Lab File: VN063232.D  
 Acq: 3 Sep 2020 20:00

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.3  | 25.5  | 38.3  |

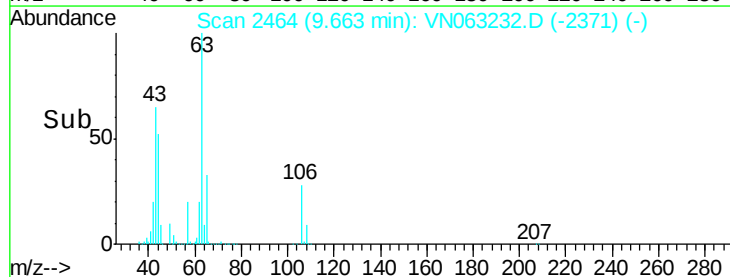
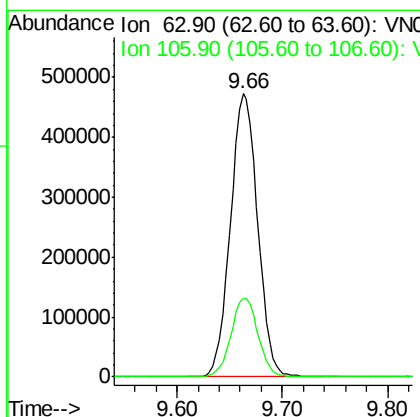
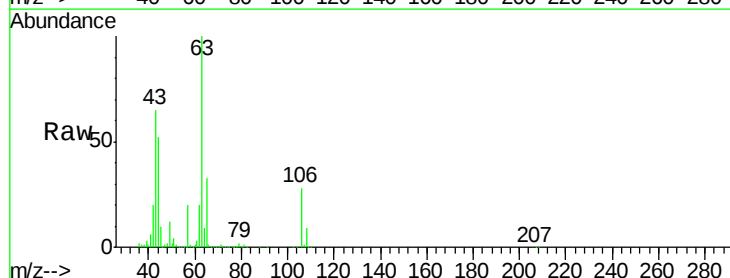
Manual Integrations  
 APPROVED

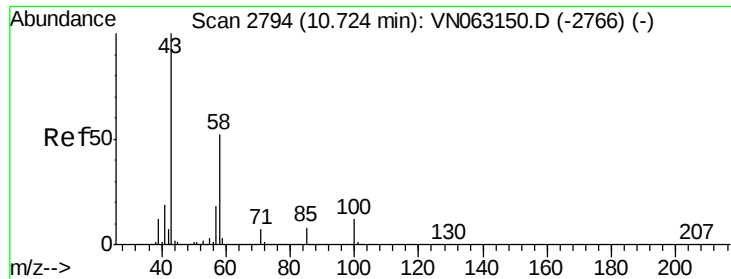
MMDadoda  
 9/4/2020 11:13:47 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 240.892 ug/l  
 RT: 9.66 min Scan# 2464  
 Delta R.T. 0.00 min  
 Lab File: VN063232.D  
 Acq: 3 Sep 2020 20:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 27.7  | 21.8  | 32.6  |





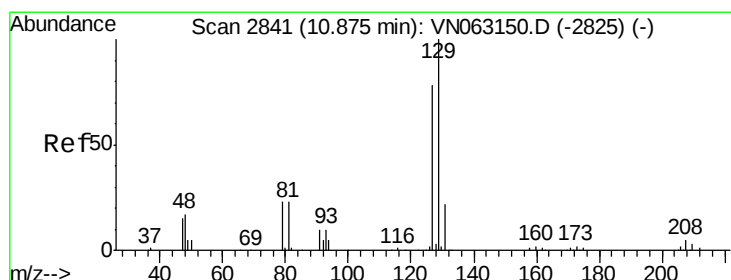
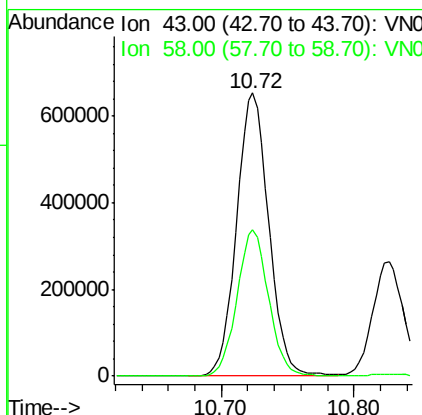
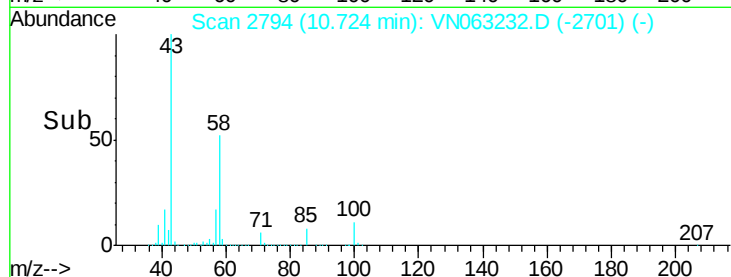
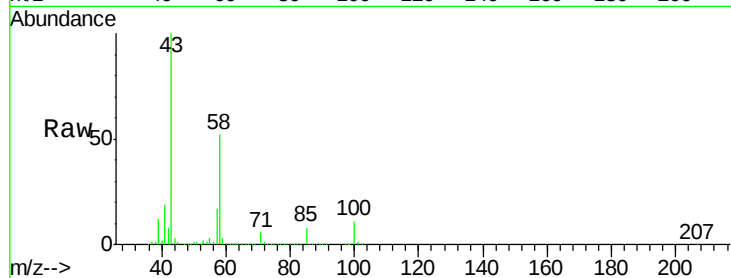
#59  
2-Hexanone  
Concen: 277.113 ug/l  
RT: 10.72 min Scan# 2794  
Delta R.T. 0.00 min  
Lab File: VN063232.D  
Acq: 3 Sep 2020 20:00

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC050EC

Tot Ion: 43 Resp: 1094948  
Ion Ratio Lower Upper  
43 100  
58 51.1 25.9 77.8

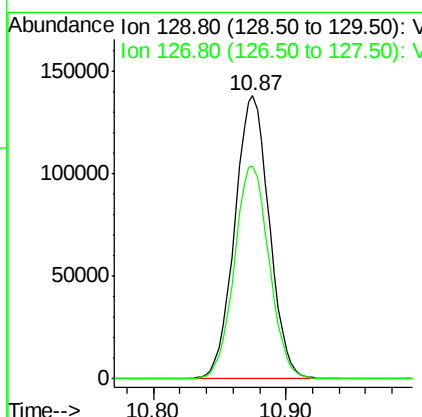
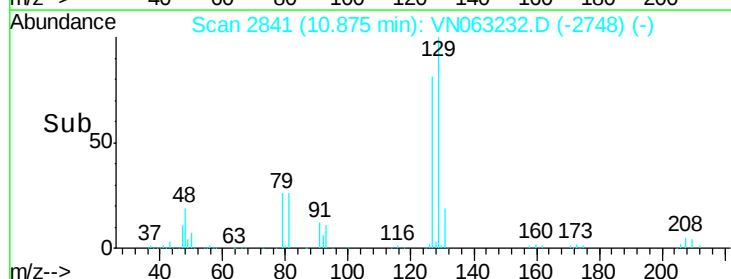
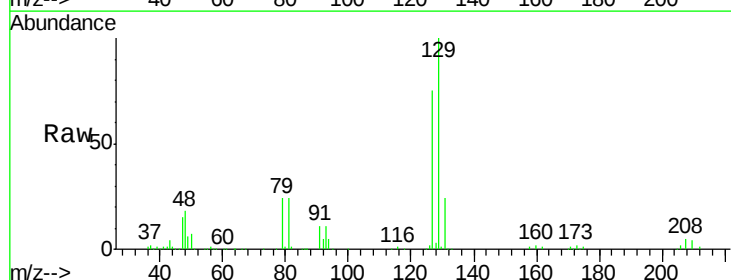
Manual Integrations  
APPROVED

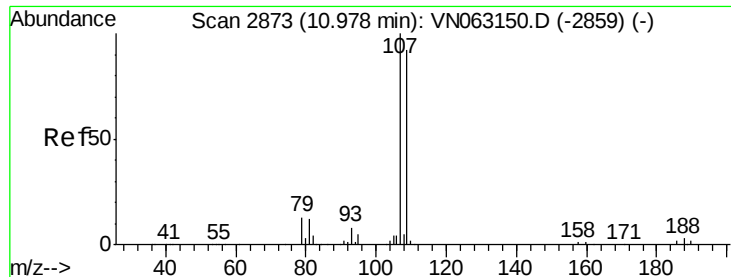
MMDadoda  
9/4/2020 11:13:47 AM



#60  
Dibromochloromethane  
Concen: 50.784 ug/l  
RT: 10.87 min Scan# 2841  
Delta R.T. 0.00 min  
Lab File: VN063232.D  
Acq: 3 Sep 2020 20:00

Tgt Ion: 129 Resp: 249711  
Ion Ratio Lower Upper  
129 100  
127 75.9 39.0 117.0





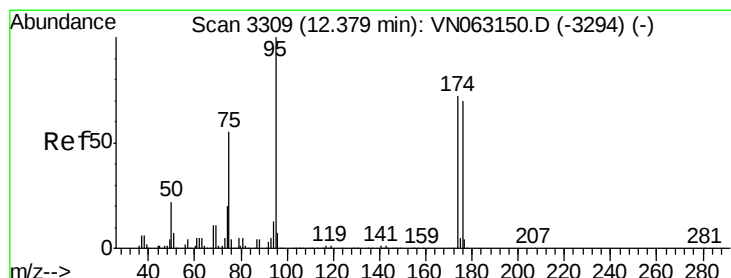
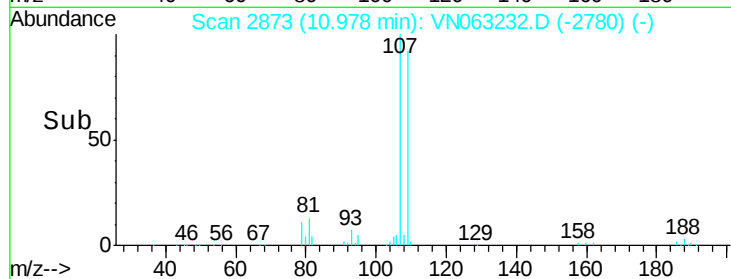
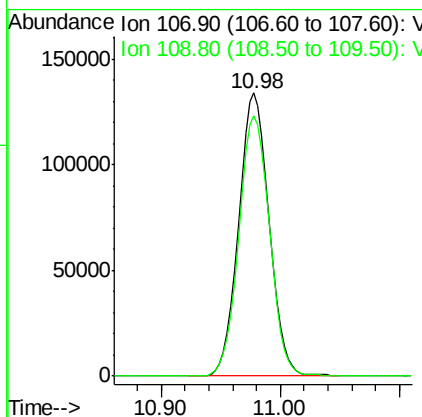
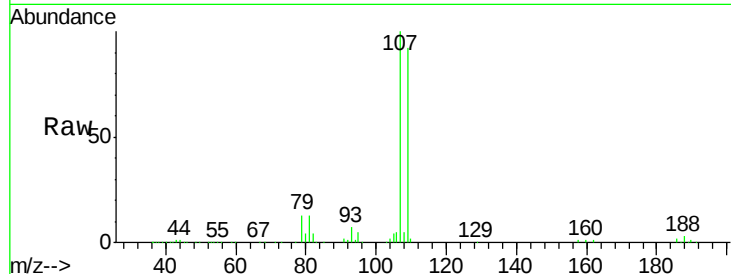
#61  
 1,2-Dibromoethane  
 Concen: 51.278 ug/l  
 RT: 10.98 min Scan# 2873  
 Delta R.T. 0.00 min  
 Lab File: VN063232.D  
 Acq: 3 Sep 2020 20:00

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 93.2  | 73.4  | 110.0 |

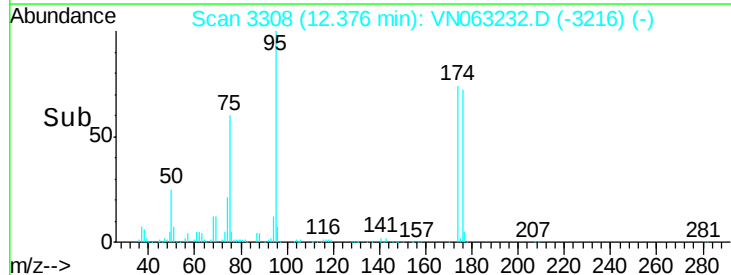
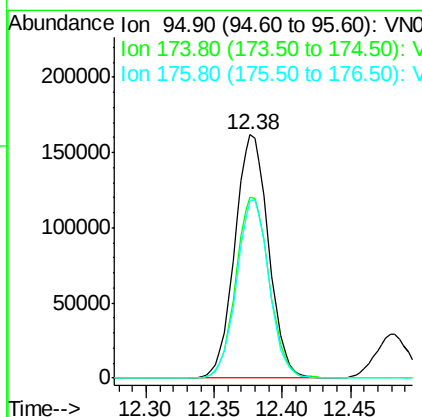
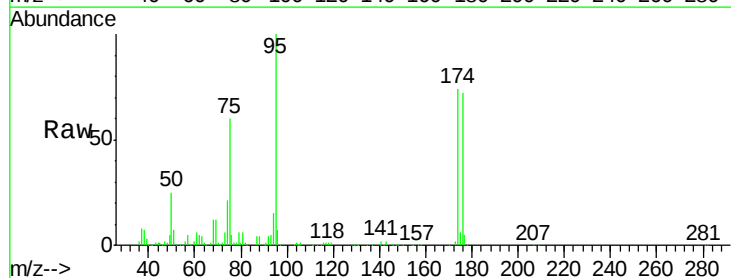
Manual Integrations  
 APPROVED

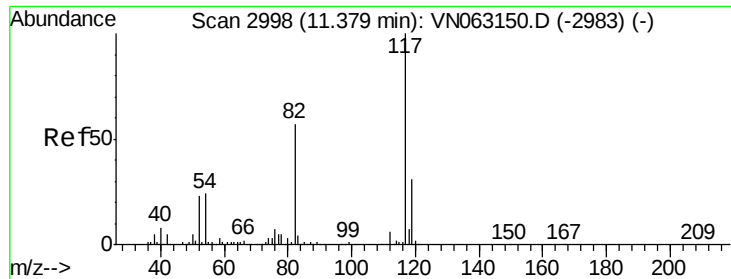
MMDadoda  
 9/4/2020 11:13:47 AM



#62  
 4-Bromofluorobenzene  
 Concen: 48.807 ug/l  
 RT: 12.38 min Scan# 3308  
 Delta R.T. -0.00 min  
 Lab File: VN063232.D  
 Acq: 3 Sep 2020 20:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 73.4  | 0.0   | 143.8 |
| 176     | 70.3  | 0.0   | 138.4 |





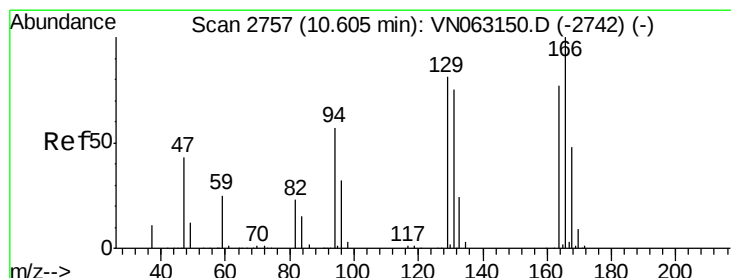
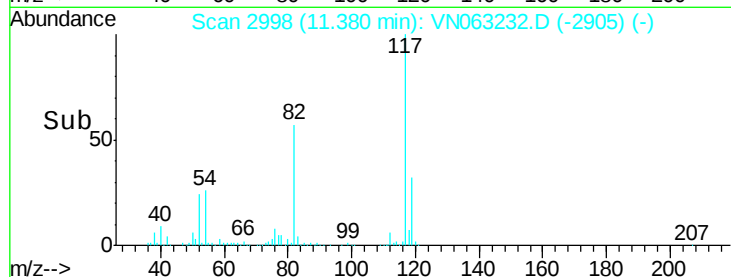
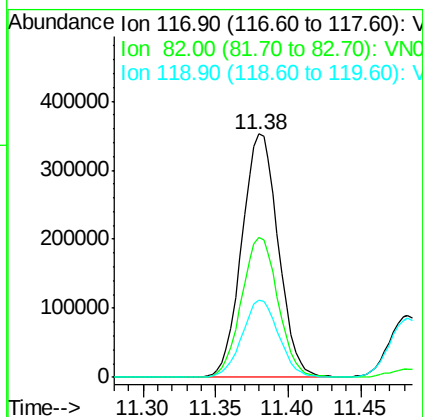
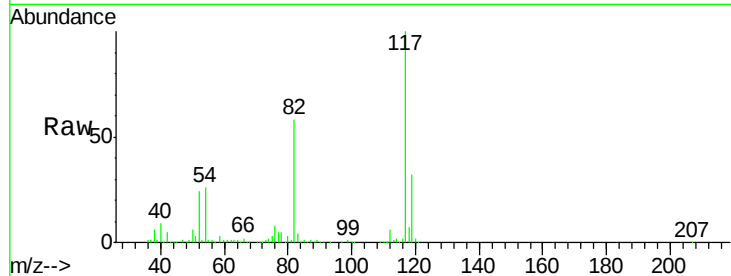
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2998  
Delta R.T. 0.00 min  
Lab File: VN063232.D  
Acq: 3 Sep 2020 20:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 57.5  | 45.4  | 68.0  |
| 119     | 31.8  | 24.6  | 37.0  |

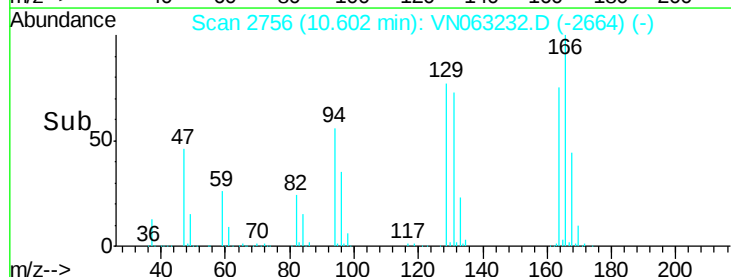
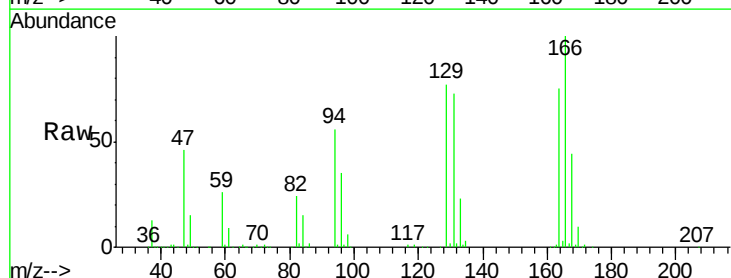
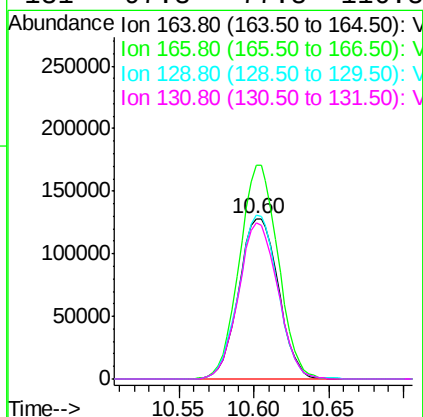
Manual Integrations  
APPROVED

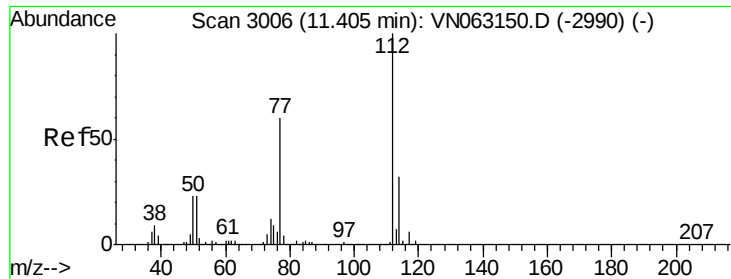
MMDadoda  
9/4/2020 11:13:47 AM



#64  
Tetrachloroethene  
Concen: 53.461 ug/l  
RT: 10.60 min Scan# 2756  
Delta R.T. -0.00 min  
Lab File: VN063232.D  
Acq: 3 Sep 2020 20:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 132.8 | 103.4 | 155.2 |
| 129     | 101.6 | 83.4  | 125.0 |
| 131     | 97.3  | 77.8  | 116.8 |





#65

Chlorobenzene

Concen: 48.911 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 608257

Ion Ratio Lower Upper

112 100

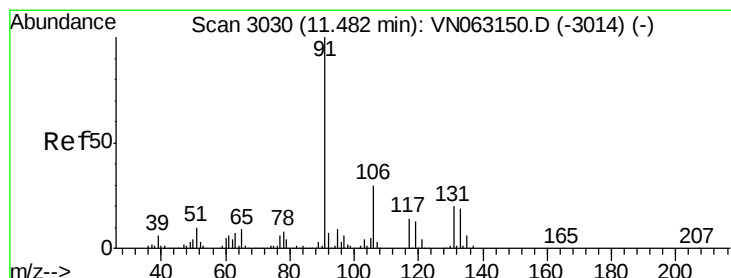
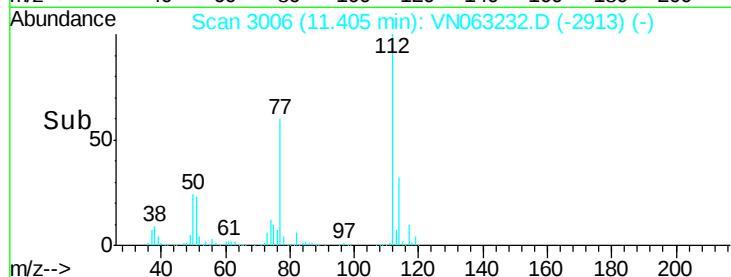
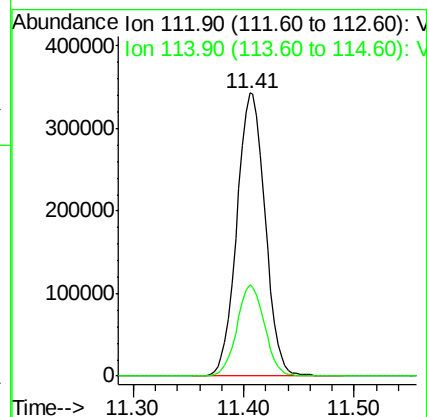
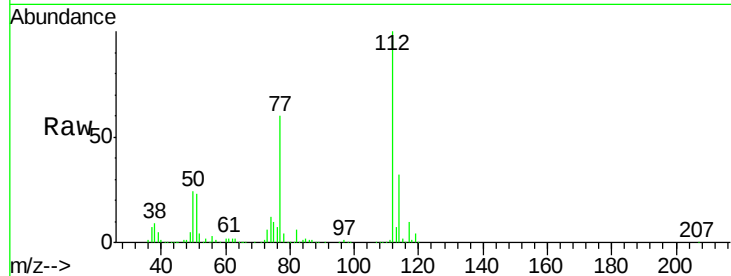
114 32.4 25.2 37.8

Manual Integrations

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MMDadoda

9/4/2020 11:13:47 AM



#66

1,1,1,2-Tetrachloroethane

Concen: 50.040 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

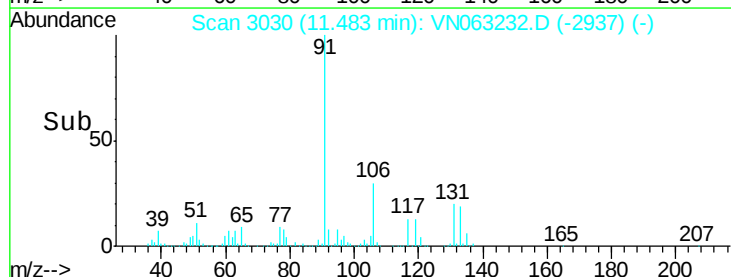
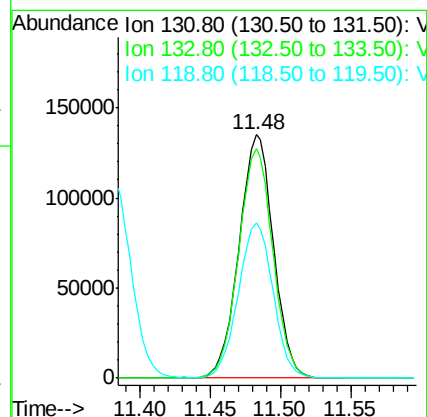
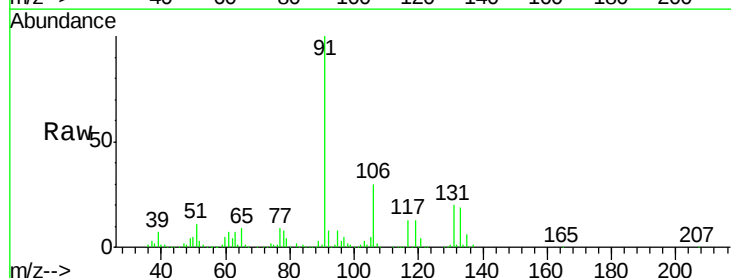
Tgt Ion:131 Resp: 231046

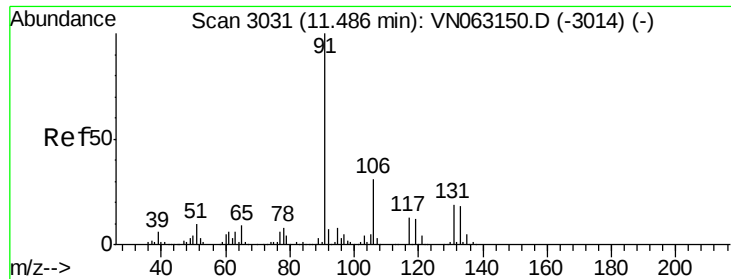
Ion Ratio Lower Upper

131 100

133 94.2 47.3 142.0

119 64.6 32.4 97.0





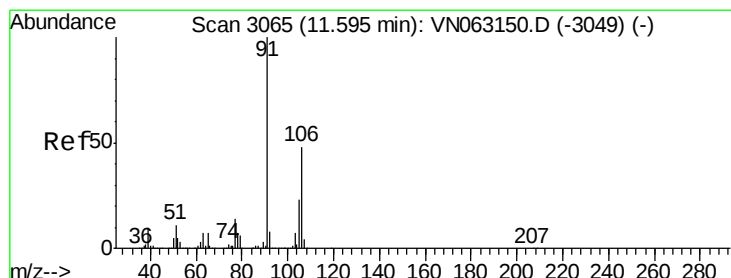
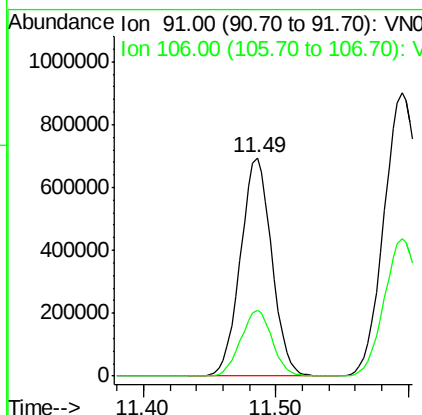
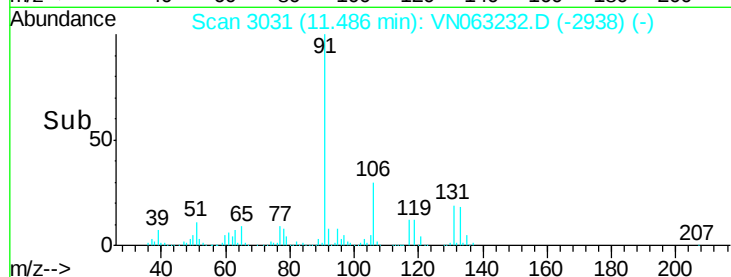
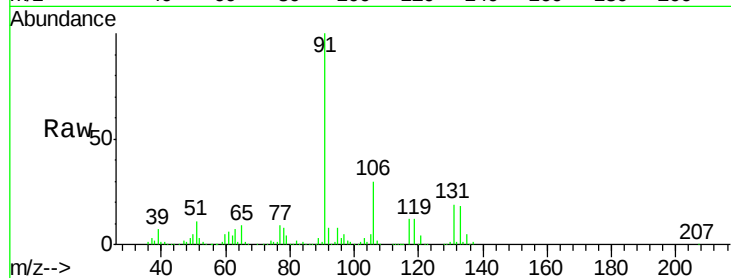
#67  
Ethyl Benzene  
Concen: 50.082 ug/l  
RT: 11.49 min Scan# 3031  
Delta R.T. 0.00 min  
Lab File: VN063232.D  
Acq: 3 Sep 2020 20:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 91 Resp: 1136195  
Ion Ratio Lower Upper  
91 100  
106 30.2 24.4 36.6

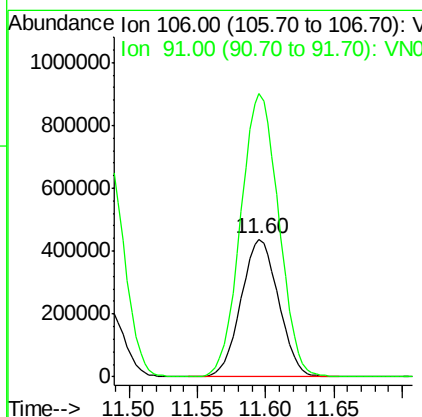
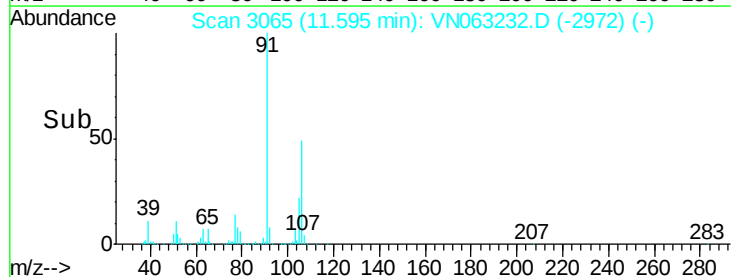
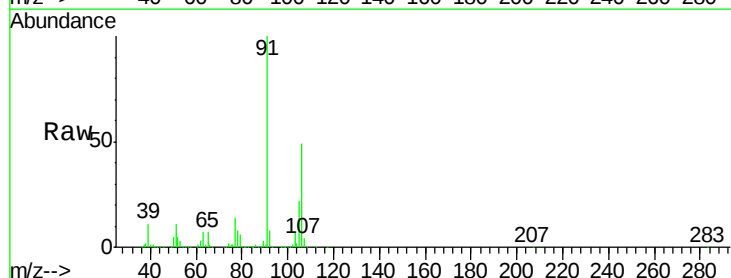
Manual Integrations  
APPROVED

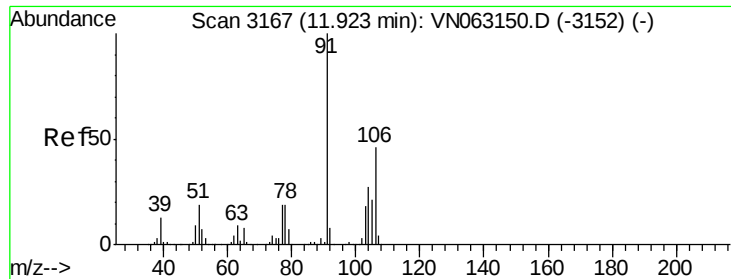
MMDadoda  
9/4/2020 11:13:47 AM



#68  
m/p-Xylenes  
Concen: 99.189 ug/l  
RT: 11.60 min Scan# 3065  
Delta R.T. 0.00 min  
Lab File: VN063232.D  
Acq: 3 Sep 2020 20:00

Tgt Ion: 106 Resp: 833433  
Ion Ratio Lower Upper  
106 100  
91 209.0 166.7 250.1





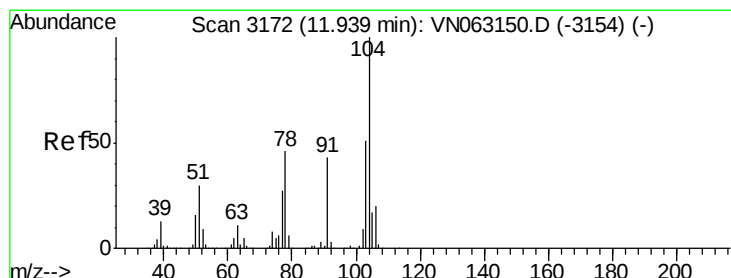
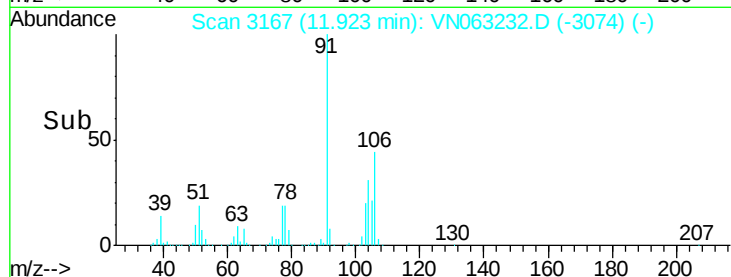
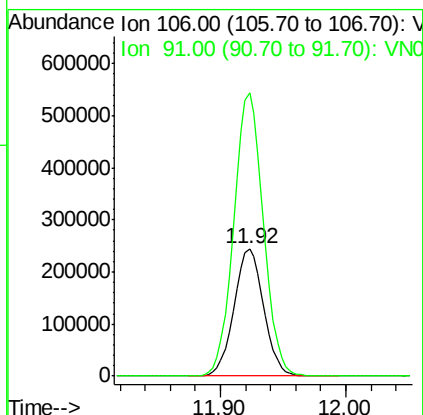
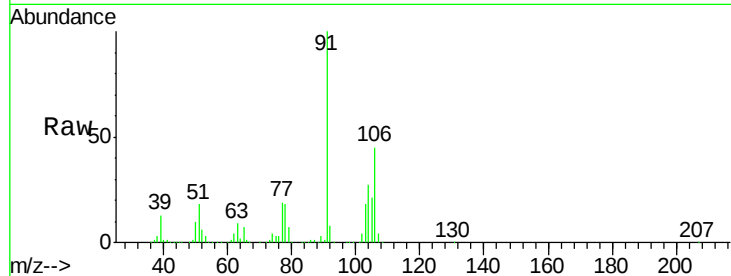
#69  
o-Xylene  
Concen: 49.392 ug/l  
RT: 11.92 min Scan# 3167  
Delta R.T. 0.00 min  
Lab File: VN063232.D  
Acq: 3 Sep 2020 20:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 106     | 100   |       |        |       |       |
| 91      | 221.7 | 108.6 | 400927 | 325.6 |       |

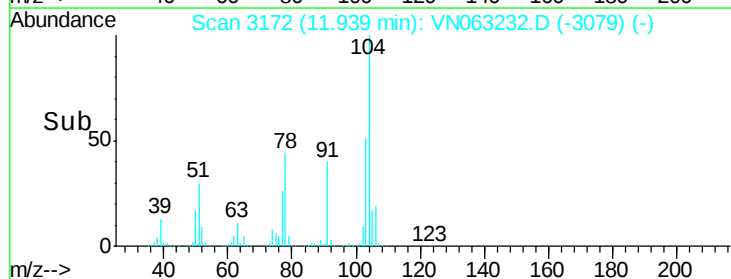
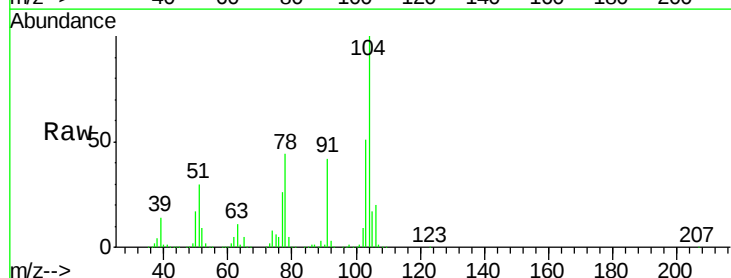
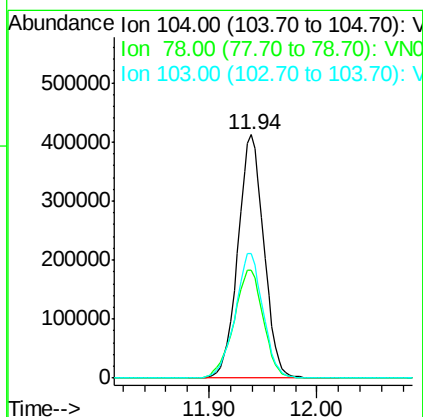
Manual Integrations  
APPROVED

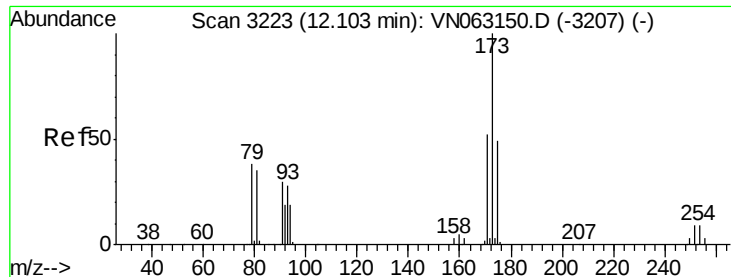
MMDadoda  
9/4/2020 11:13:47 AM



#70  
Styrene  
Concen: 49.612 ug/l  
RT: 11.94 min Scan# 3172  
Delta R.T. 0.00 min  
Lab File: VN063232.D  
Acq: 3 Sep 2020 20:00

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 104     | 100  |       |        |       |       |
| 78      | 50.4 | 41.0  | 692097 | 61.6  |       |
| 103     | 55.1 | 43.8  |        | 65.8  |       |





#71

Bromoform

Concen: 50.200 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 157298

Ion Ratio Lower Upper

173 100

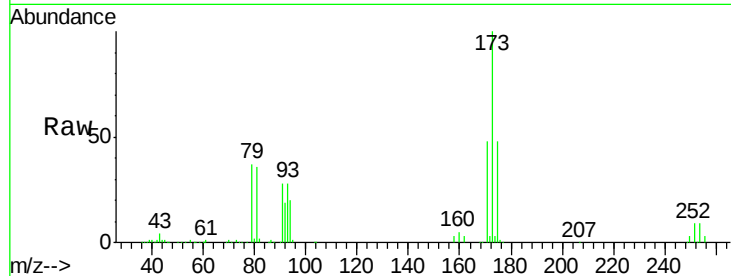
175 48.2 24.6 73.8

254 0.0 0.0 0.0

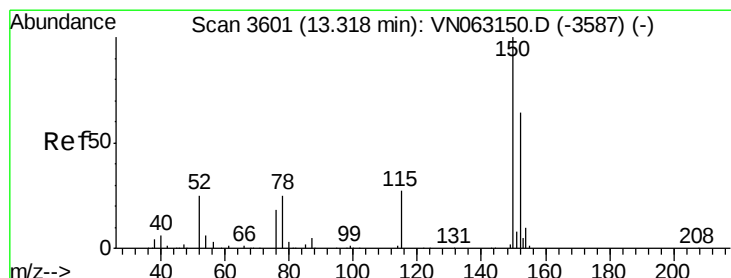
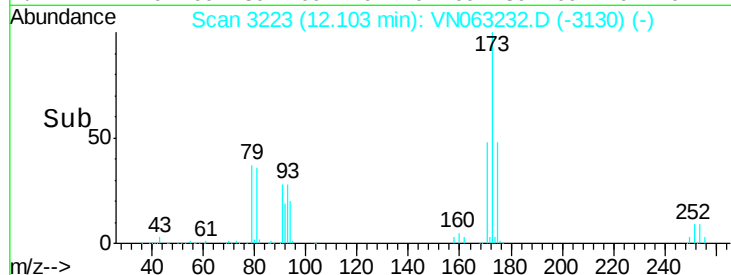
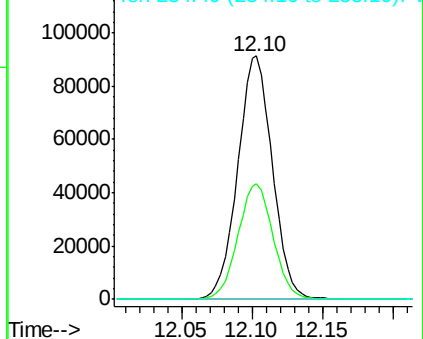
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Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

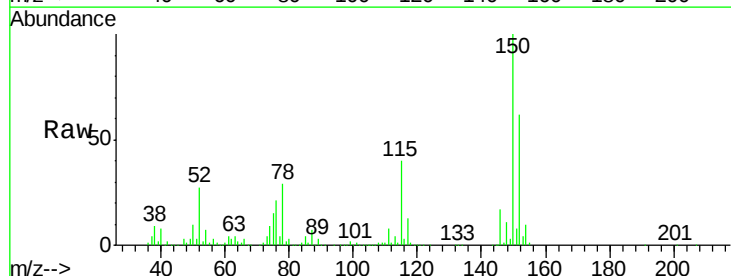
Tgt Ion:152 Resp: 285972

Ion Ratio Lower Upper

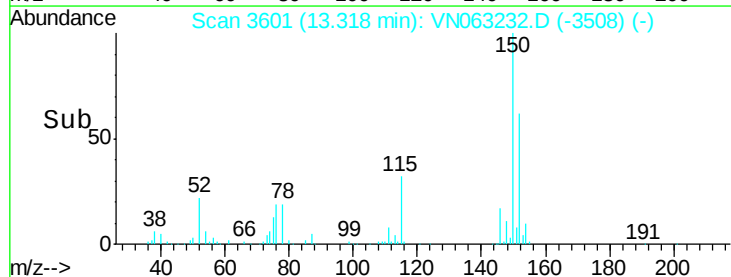
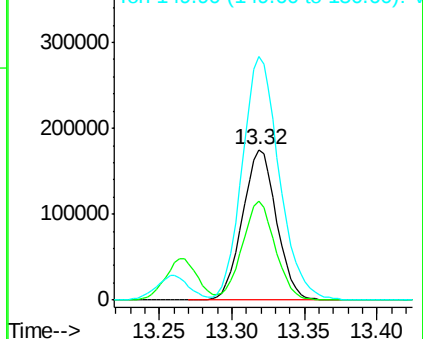
152 100

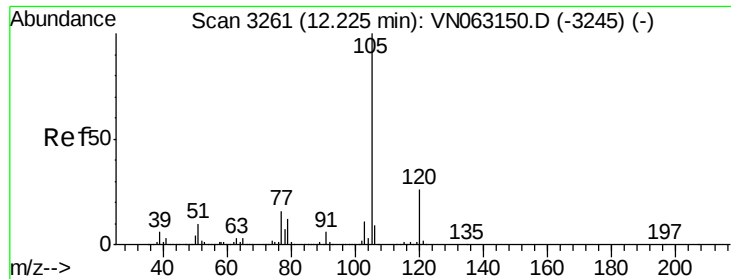
115 63.3 32.0 96.2

150 175.8 0.0 353.0



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





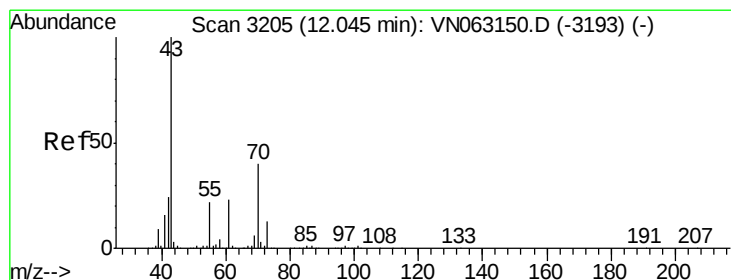
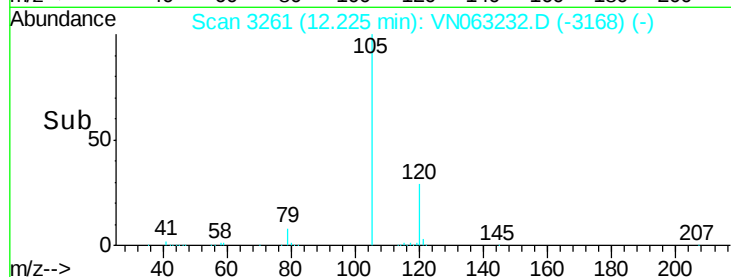
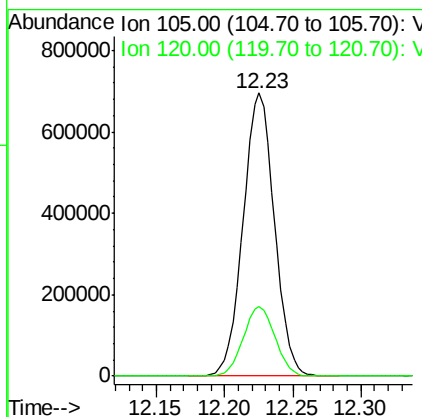
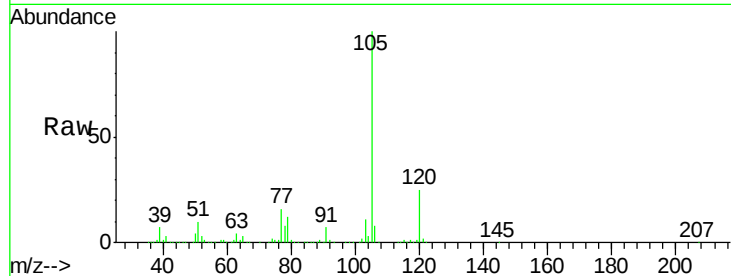
#73  
Isopropylbenzene  
Concen: 50.429 ug/l  
RT: 12.23 min Scan# 3261  
Delta R.T. 0.00 min  
Lab File: VN063232.D  
Acq: 3 Sep 2020 20:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:105 Resp: 1106090  
Ion Ratio Lower Upper  
105 100  
120 25.0 12.9 38.6

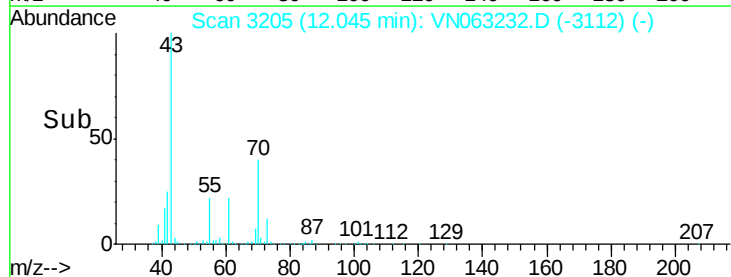
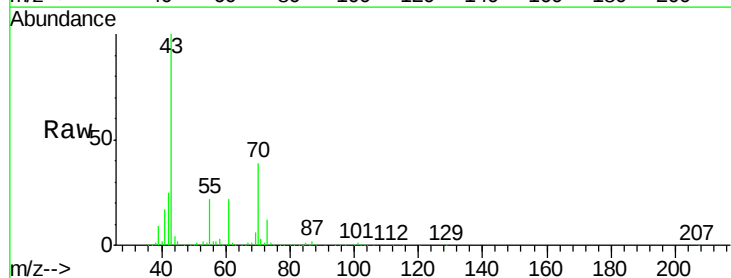
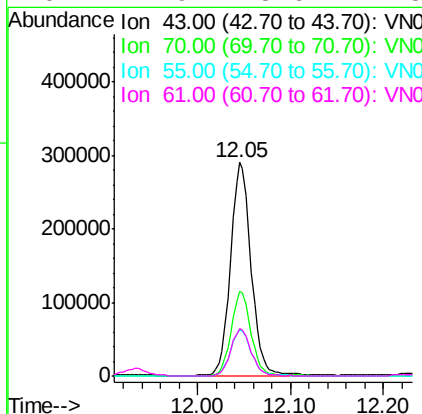
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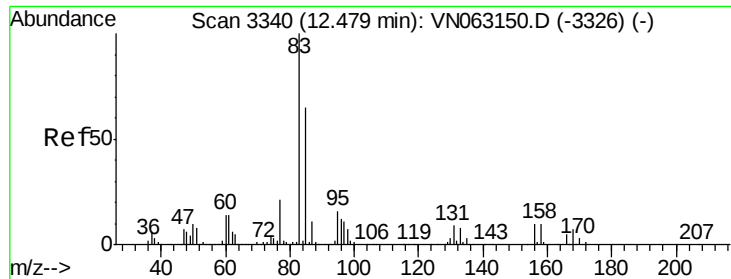
MMDadoda  
9/4/2020 11:13:47 AM



#74  
N-ethyl acetate  
Concen: 49.237 ug/l  
RT: 12.05 min Scan# 3205  
Delta R.T. 0.00 min  
Lab File: VN063232.D  
Acq: 3 Sep 2020 20:00

Tgt Ion: 43 Resp: 447330  
Ion Ratio Lower Upper  
43 100  
70 38.9 32.1 48.1  
55 22.0 17.4 26.0  
61 21.9 18.6 27.8





#75

1,1,2,2-Tetrachloroethane

Concen: 48.345 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 305712

Ion Ratio Lower Upper

83 100

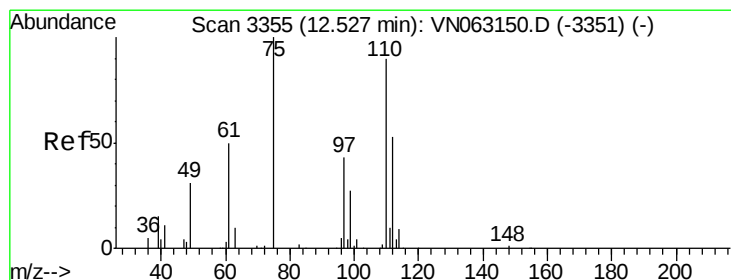
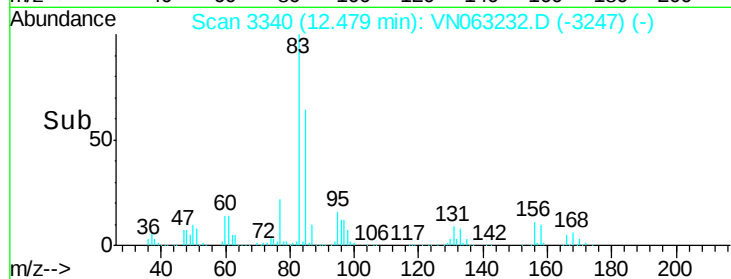
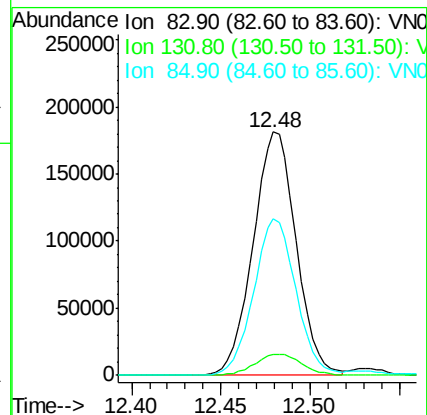
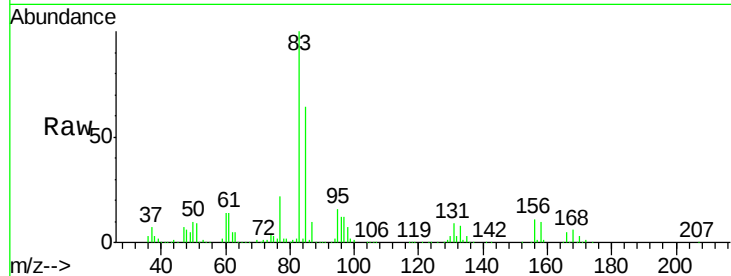
131 9.5 4.7 14.0

85 63.0 32.7 98.1

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#76

1,2,3-Trichloropropane

Concen: 53.104 ug/l m

RT: 12.53 min Scan# 3356

Delta R.T. 0.00 min

Lab File: VN063232.D

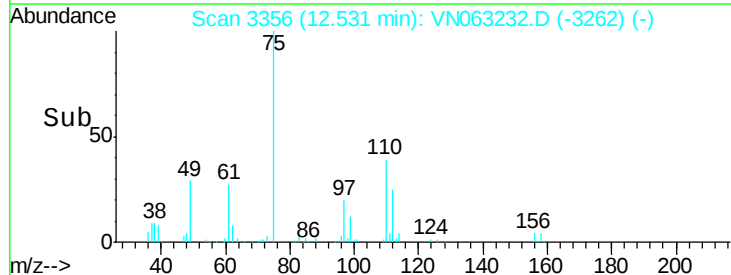
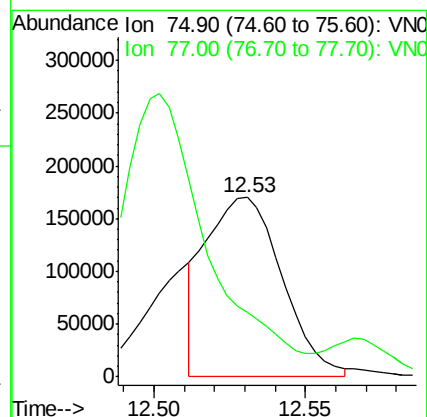
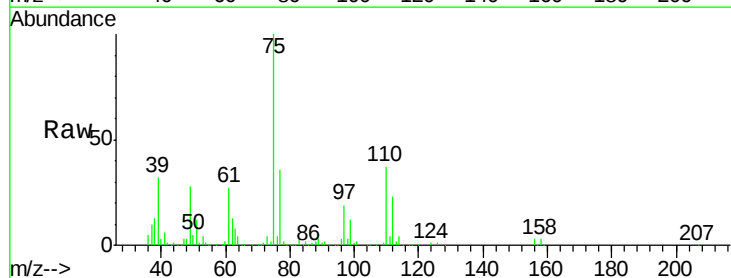
Acq: 3 Sep 2020 20:00

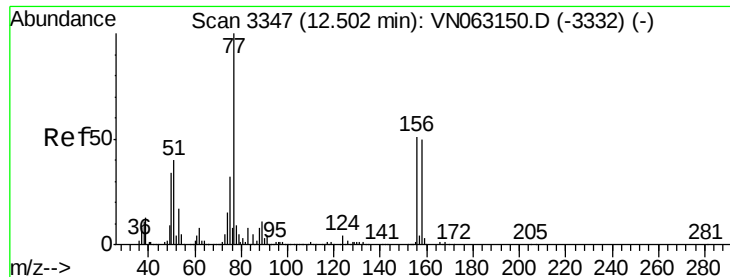
Tgt Ion: 75 Resp: 298376

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.941 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 242773

Ion Ratio Lower Upper

156 100

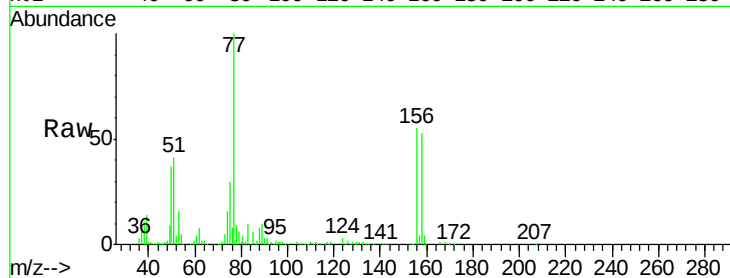
77 225.0 116.1 348.3

158 96.3 48.8 146.4

Manual Integrations  
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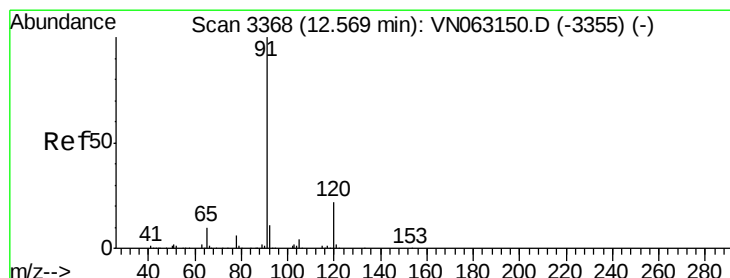
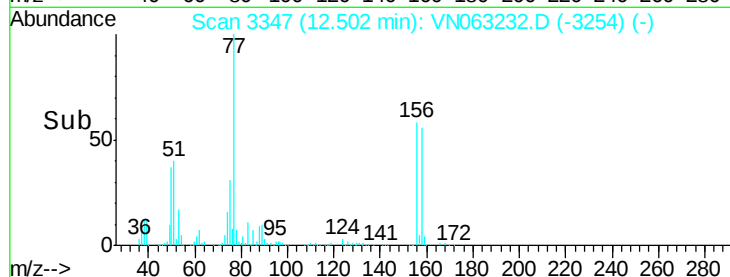
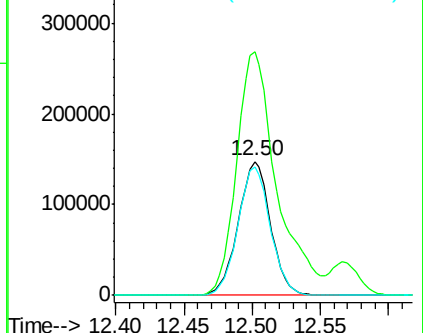
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.320 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063232.D

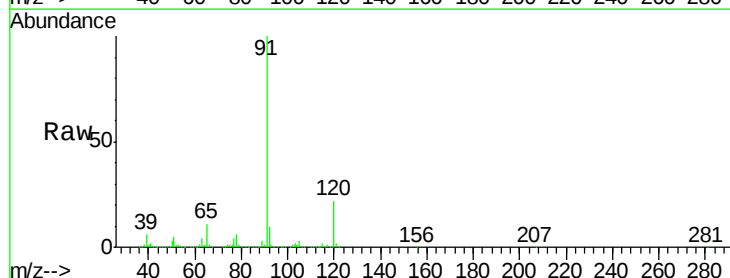
Acq: 3 Sep 2020 20:00

Tgt Ion: 91 Resp: 1277160

Ion Ratio Lower Upper

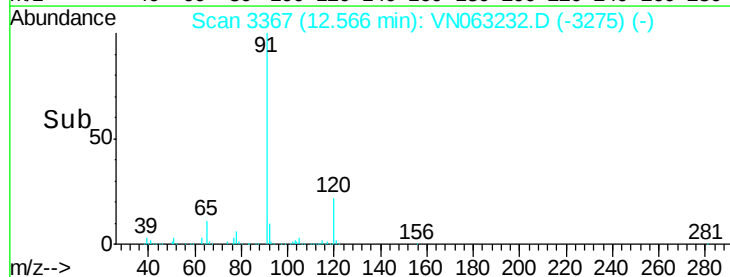
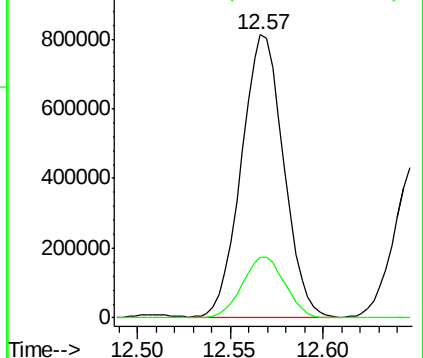
91 100

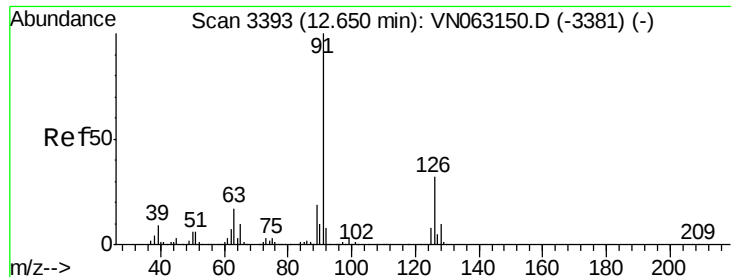
120 21.9 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.344 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

Instrument :

MSVOA\_N

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 734913

Ion Ratio Lower Upper

91 100

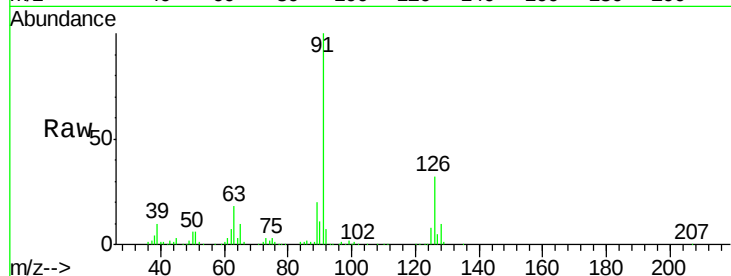
126 32.7 16.1 48.3

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Abundance Ion 91.00 (90.70 to 91.70): VN063150.D (-3381) (-)

Ion 125.90 (125.60 to 126.60): VN063150.D (-3381) (-)

800000

600000

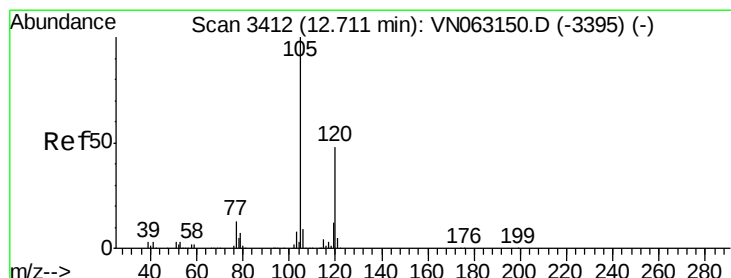
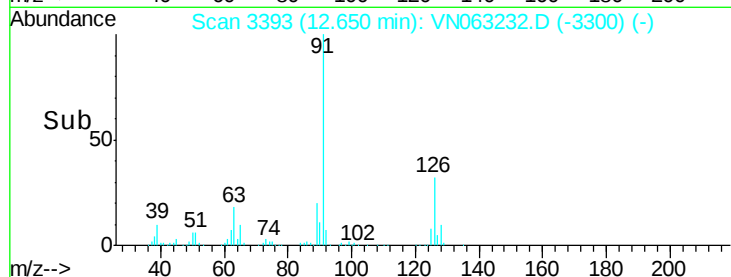
400000

200000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.353 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063232.D

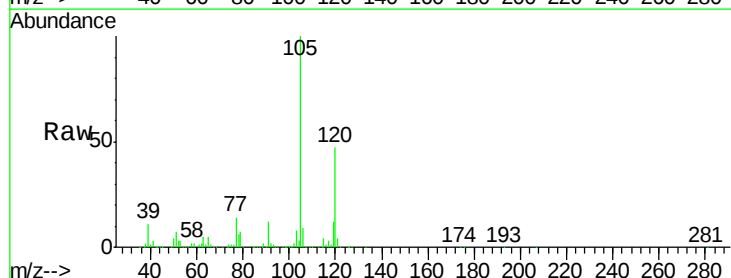
Acq: 3 Sep 2020 20:00

Tgt Ion: 105 Resp: 919289

Ion Ratio Lower Upper

105 100

120 47.6 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): VN063150.D (-3395) (-)

Ion 120.00 (119.70 to 120.70): VN063150.D (-3395) (-)

600000

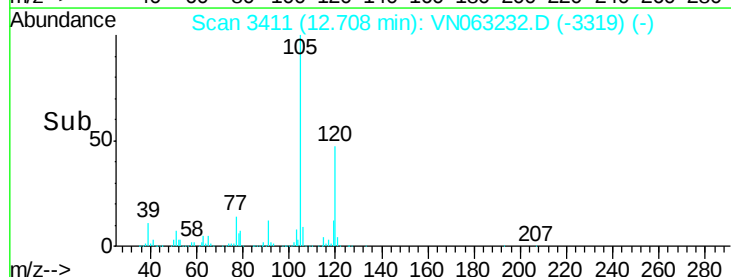
400000

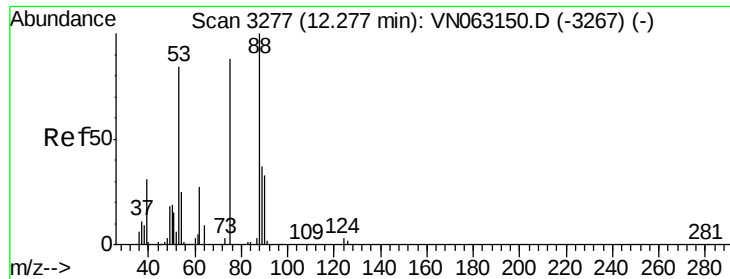
200000

0

12.60 12.70 12.80

Time-->





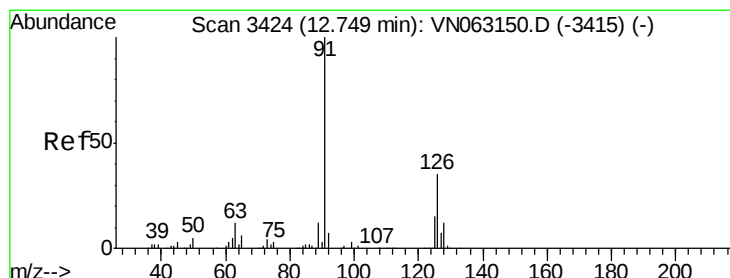
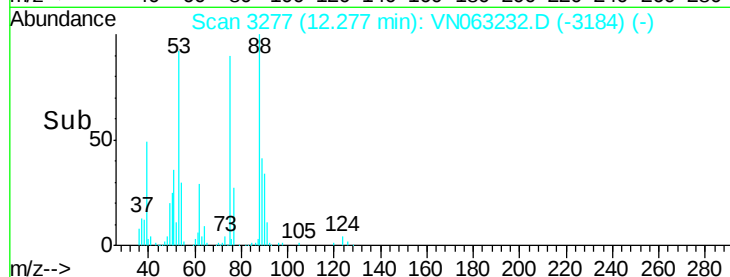
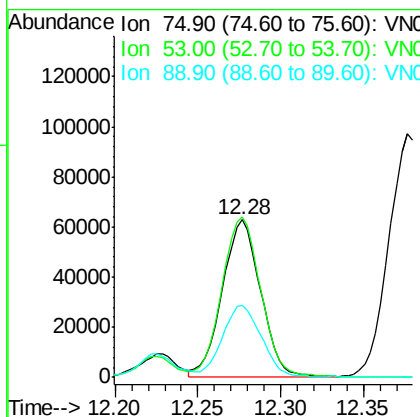
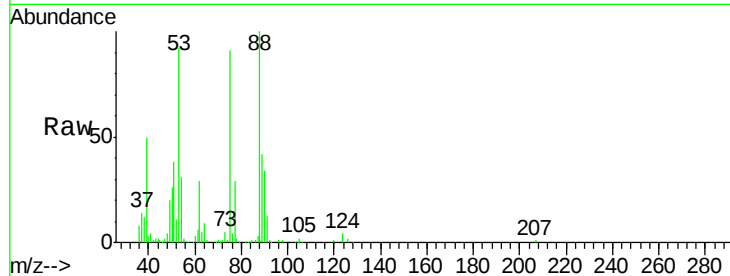
#81  
trans-1,4-Dichloro-2-butene  
Concen: 43.482 ug/l  
RT: 12.28 min Scan# 3277  
Delta R.T. 0.00 min  
Lab File: VN063232.D  
Acq: 3 Sep 2020 20:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 103.0 | 78.7  | 118.1 |
| 89      | 46.1  | 35.3  | 52.9  |

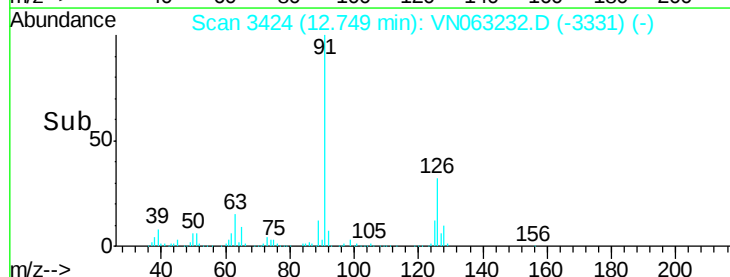
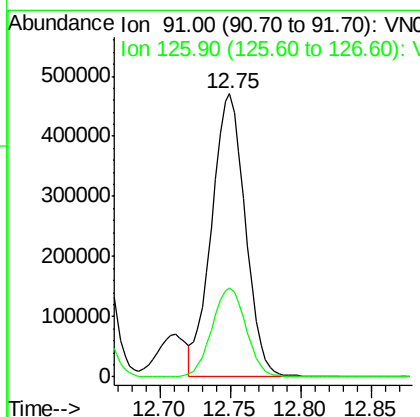
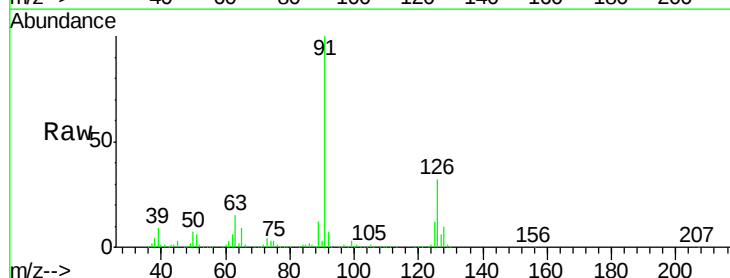
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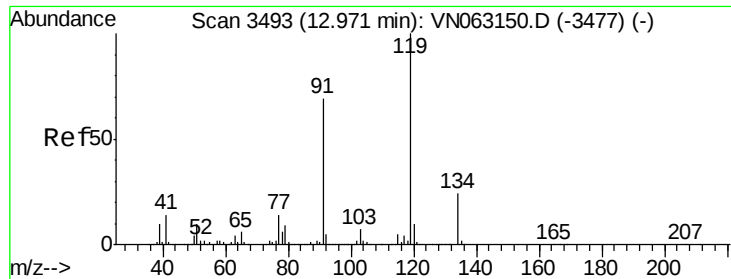
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#82  
4-Chlorotoluene  
Concen: 49.113 ug/l  
RT: 12.75 min Scan# 3424  
Delta R.T. 0.00 min  
Lab File: VN063232.D  
Acq: 3 Sep 2020 20:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 31.8  | 16.2  | 48.5  |





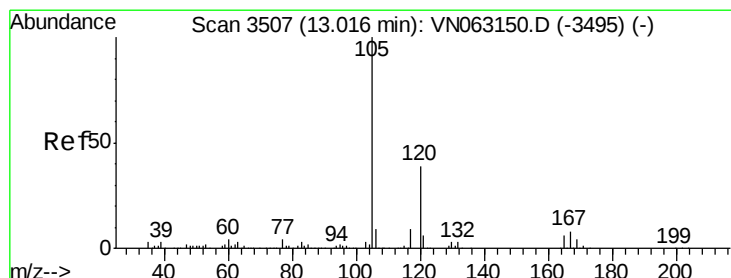
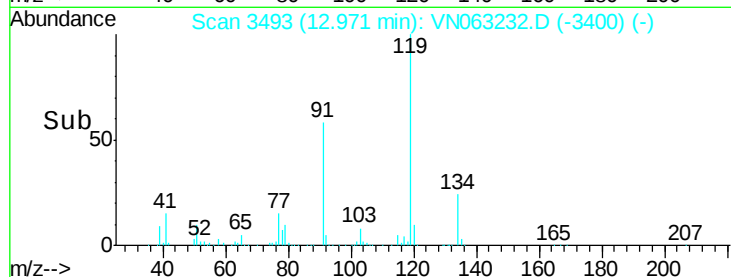
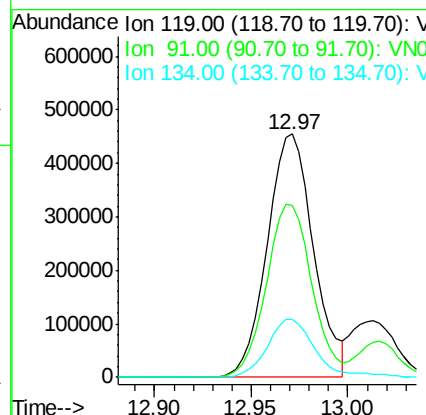
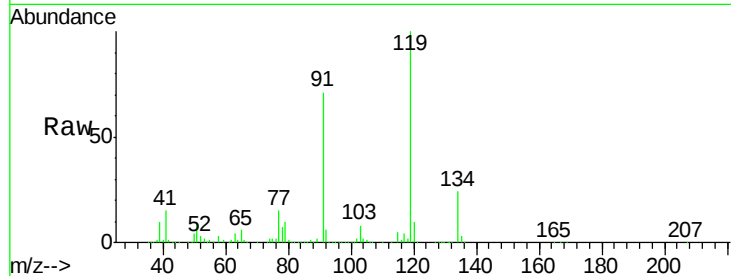
#83  
tert-Butylbenzene  
Concen: 48.588 ug/l  
RT: 12.97 min Scan# 3493  
Delta R.T. 0.00 min  
Lab File: VN063232.D  
Acq: 3 Sep 2020 20:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 69.7  | 33.7  | 101.0 |
| 134     | 24.7  | 12.0  | 36.0  |

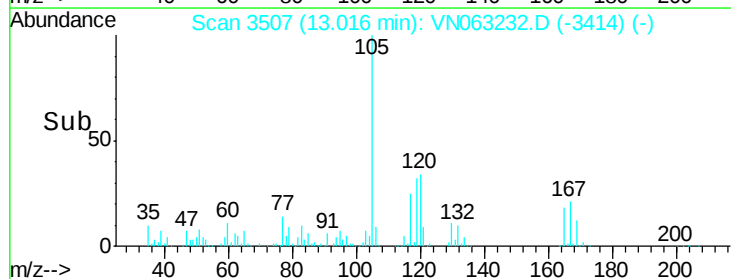
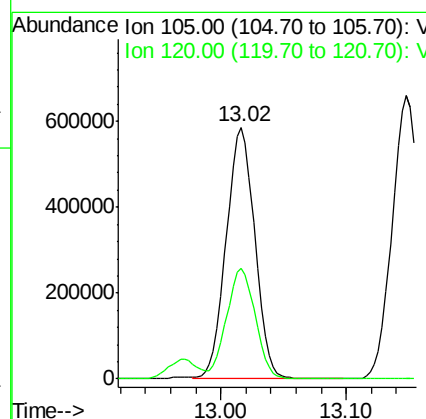
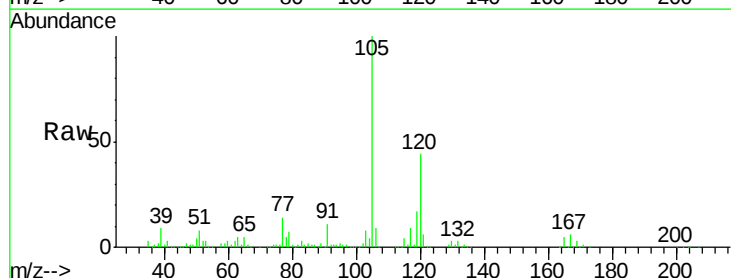
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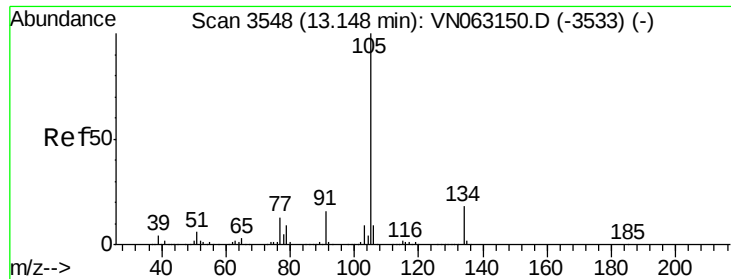
MMDadoda  
9/4/2020 11:13:47 AM



#84  
1,2,4-Trimethylbenzene  
Concen: 50.311 ug/l  
RT: 13.02 min Scan# 3507  
Delta R.T. 0.00 min  
Lab File: VN063232.D  
Acq: 3 Sep 2020 20:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 44.4  | 22.6  | 67.7  |





#85

sec-Butylbenzene

Concen: 51.262 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1046068

Ion Ratio Lower Upper

105 100

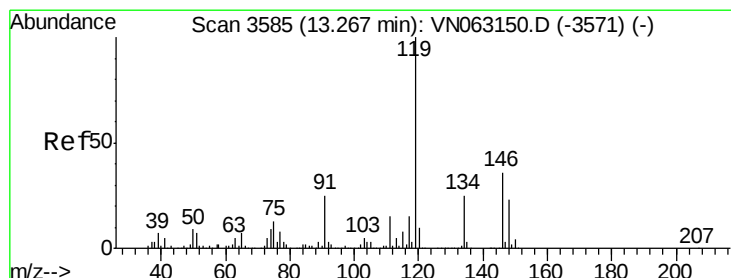
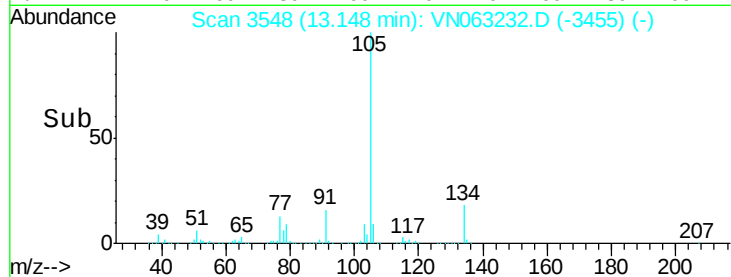
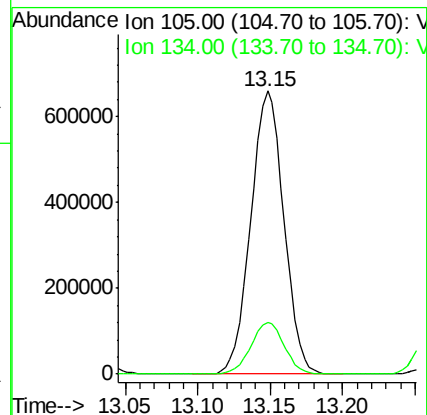
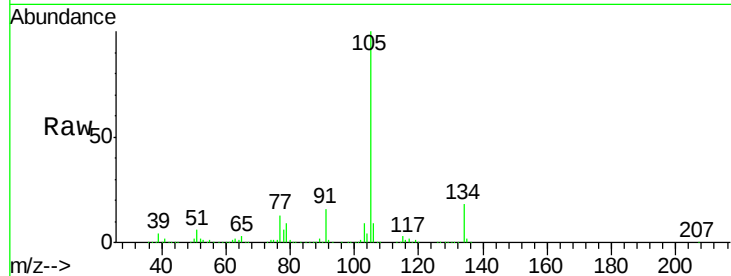
134 18.3 9.4 28.3

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#86

p-Isopropyltoluene

Concen: 51.237 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

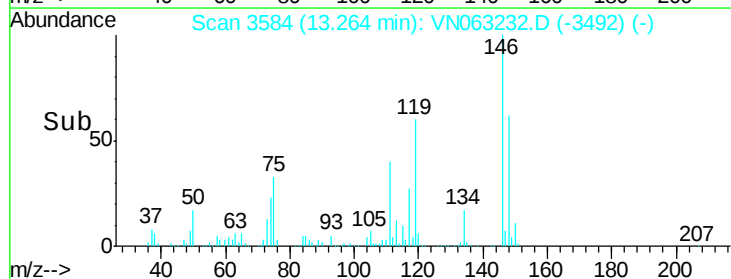
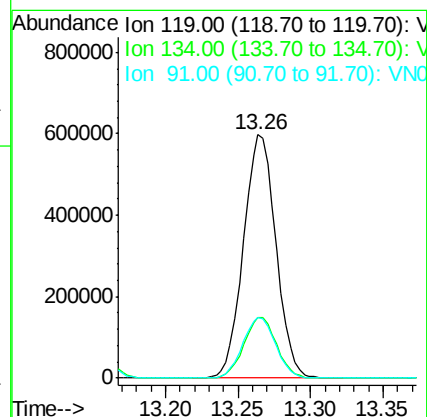
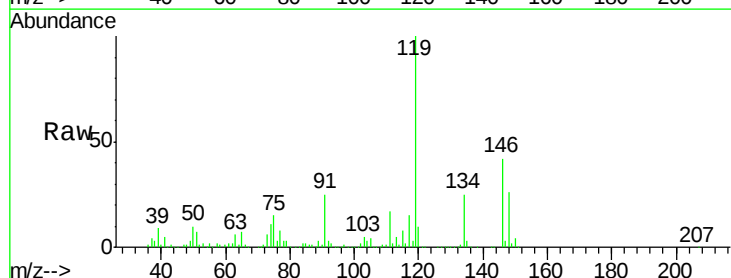
Tgt Ion:119 Resp: 928262

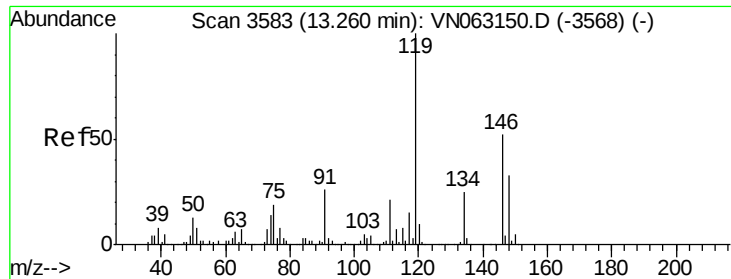
Ion Ratio Lower Upper

119 100

134 25.2 12.4 37.4

91 25.1 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 50.230 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

Instrument :

MSVOA\_N

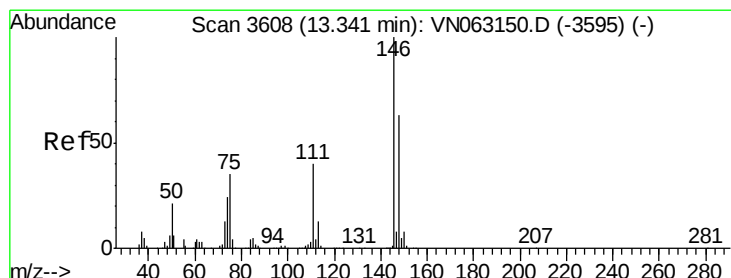
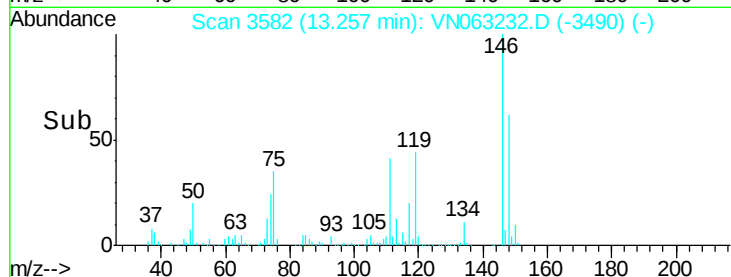
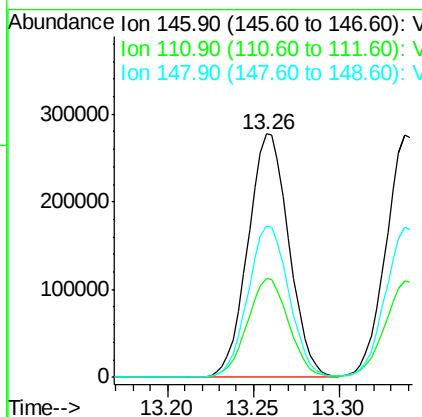
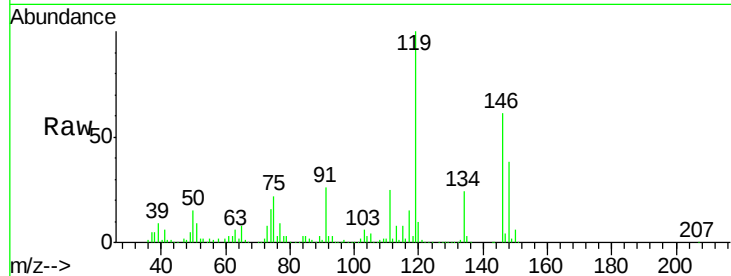
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 457733 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 41.0  | 21.3  | 63.7   |
| 148       | 62.3  | 31.9  | 95.9   |

Manual Integrations  
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#88

1,4-Dichlorobenzene

Concen: 48.381 ug/l

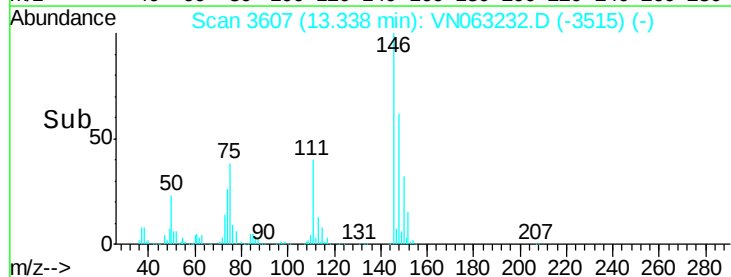
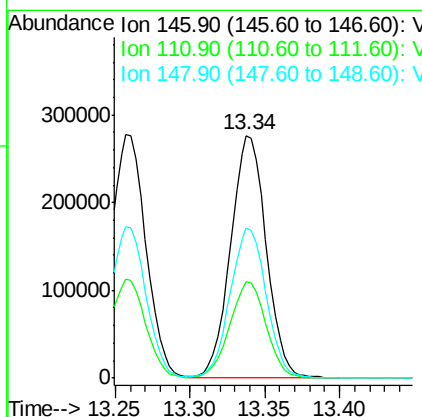
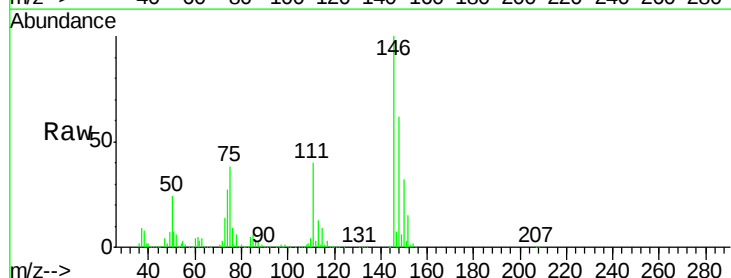
RT: 13.34 min Scan# 3607

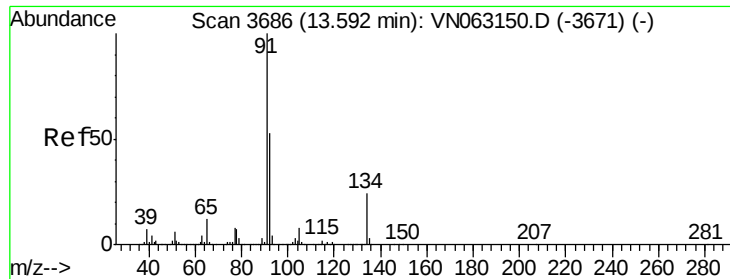
Delta R.T. -0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 456519 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 40.7  | 20.5  | 61.5   |
| 148       | 62.7  | 31.9  | 95.7   |





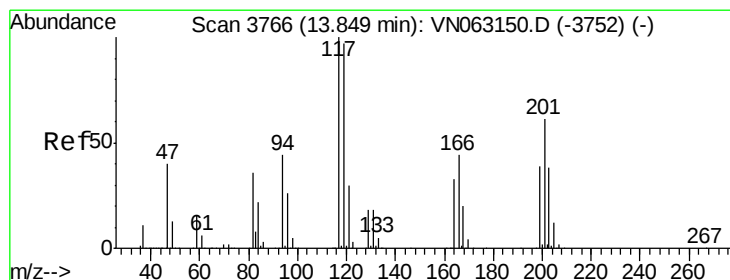
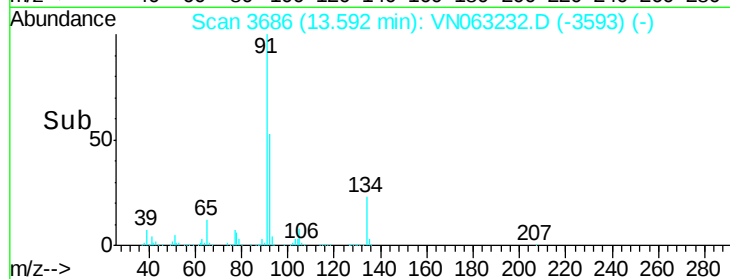
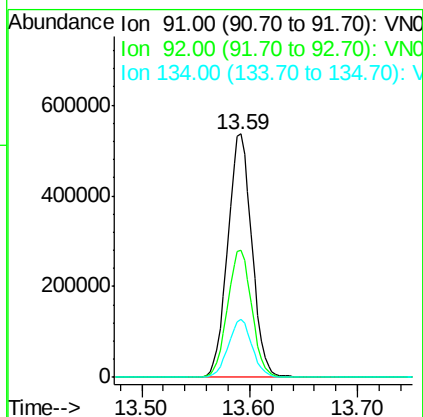
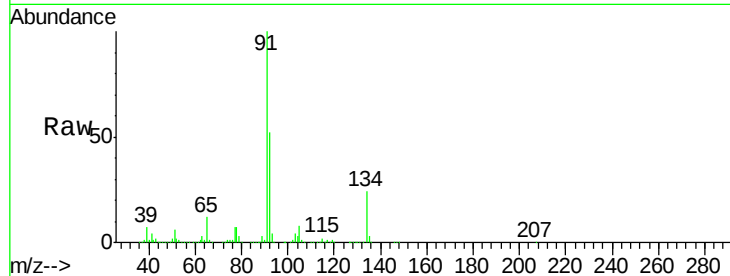
#89  
n-Butylbenzene  
Concen: 49.910 ug/l  
RT: 13.59 min Scan# 3686  
Delta R.T. 0.00 min  
Lab File: VN063232.D  
Acq: 3 Sep 2020 20:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.8  | 26.3  | 78.8  |
| 134     | 23.3  | 12.0  | 36.0  |

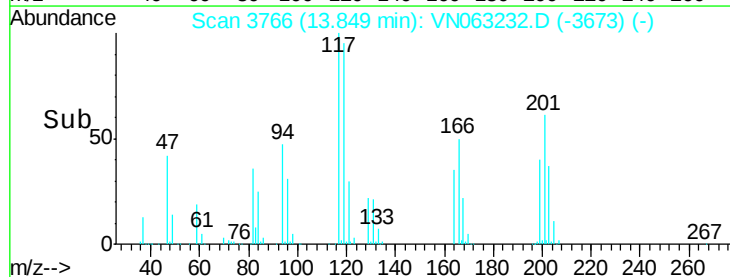
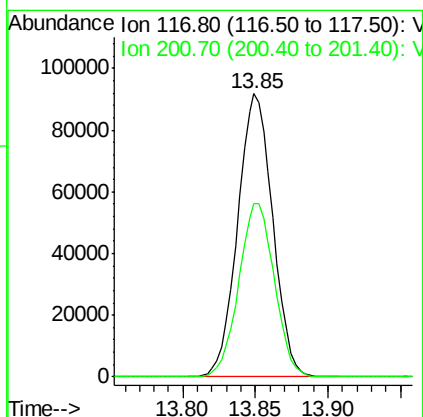
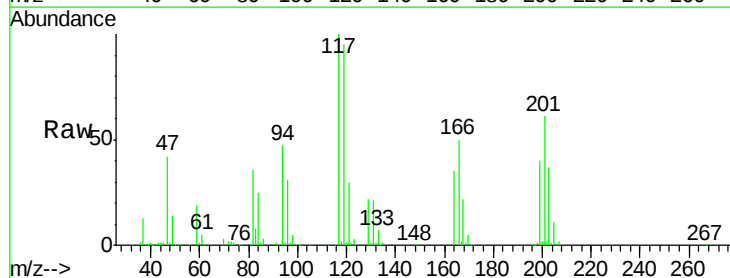
Manual Integrations  
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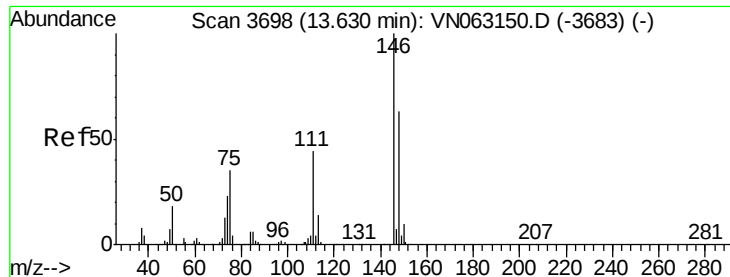
MMDadoda  
9/4/2020 11:13:47 AM



#90  
Hexachloroethane  
Concen: 45.815 ug/l  
RT: 13.85 min Scan# 3766  
Delta R.T. 0.00 min  
Lab File: VN063232.D  
Acq: 3 Sep 2020 20:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 62.2  | 30.6  | 92.0  |





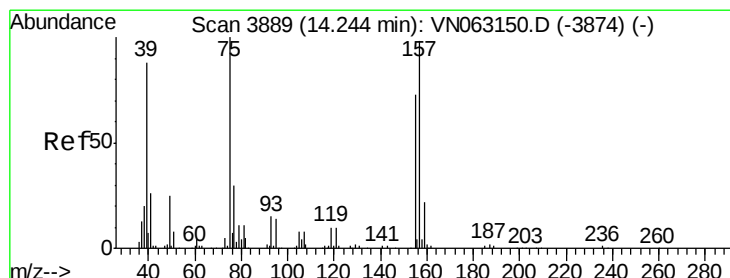
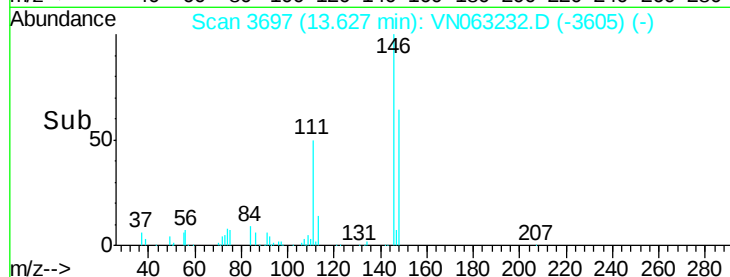
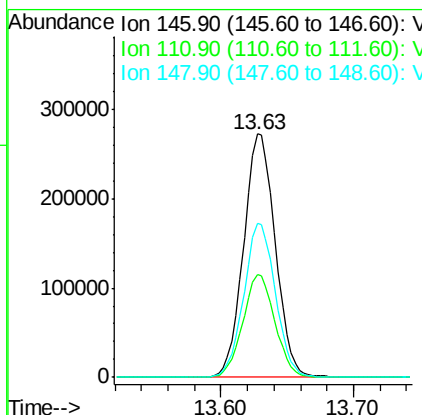
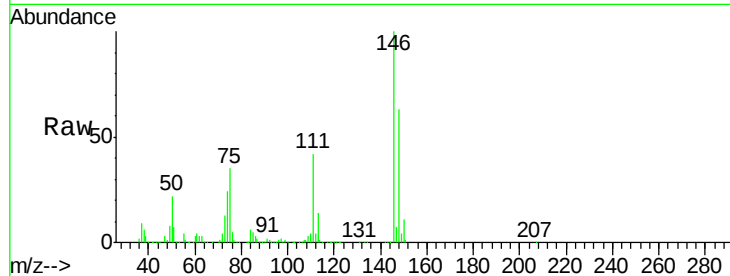
#91  
 1,2-Dichlorobenzene  
 Concen: 51.158 ug/l  
 RT: 13.63 min Scan# 3697  
 Delta R.T. -0.00 min  
 Lab File: VN063232.D  
 Acq: 3 Sep 2020 20:00

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.7  | 22.0  | 66.0  |
| 148     | 63.1  | 31.6  | 95.0  |

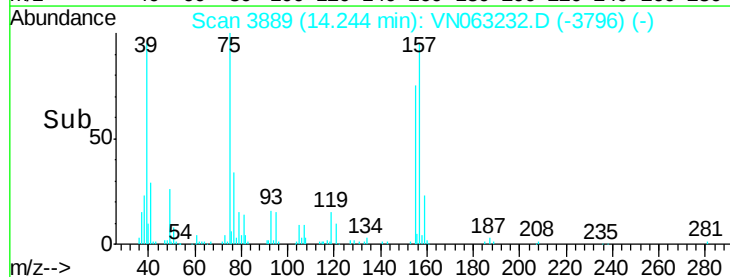
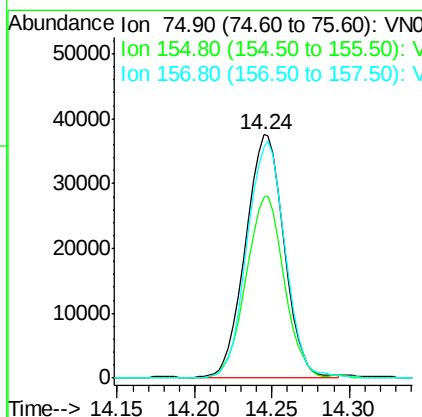
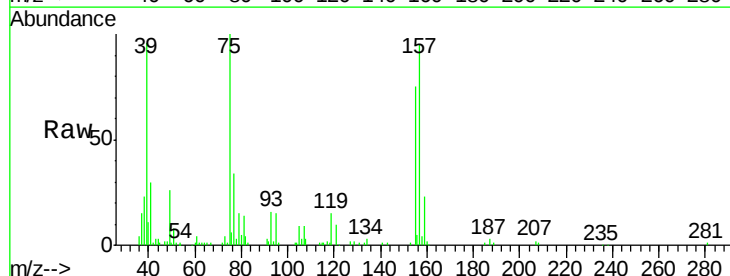
Manual Integrations  
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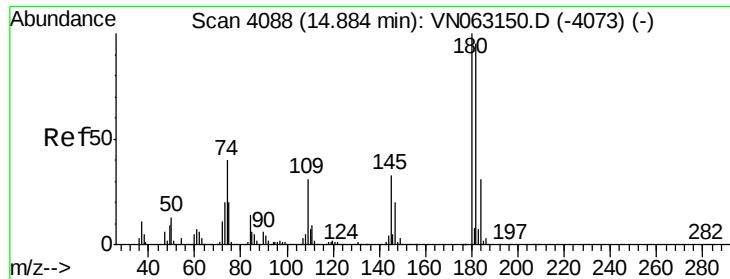
MMDadoda  
 9/4/2020 11:13:47 AM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 47.100 ug/l  
 RT: 14.24 min Scan# 3889  
 Delta R.T. 0.00 min  
 Lab File: VN063232.D  
 Acq: 3 Sep 2020 20:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 73.6  | 36.1  | 108.5 |
| 157     | 95.7  | 48.4  | 145.0 |





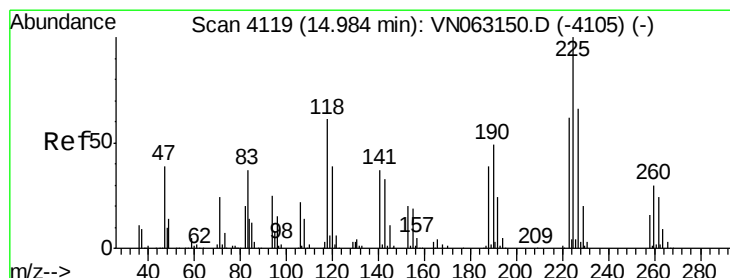
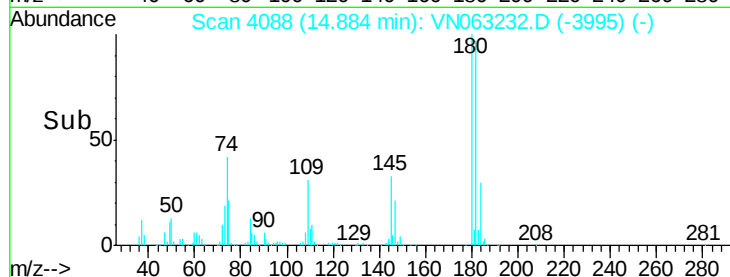
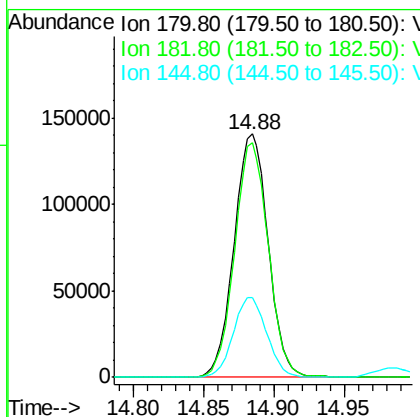
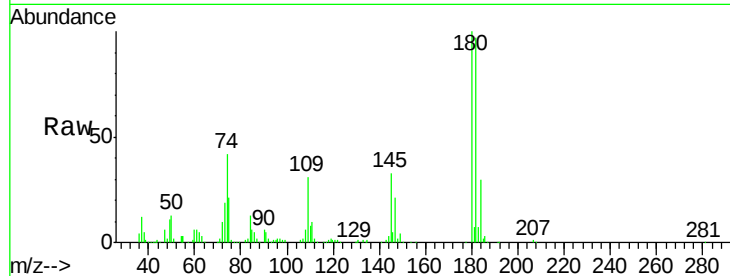
#93  
 1,2,4-Trichlorobenzene  
 Concen: 48.396 ug/l  
 RT: 14.88 min Scan# 4088  
 Delta R.T. 0.00 min  
 Lab File: VN063232.D  
 Acq: 3 Sep 2020 20:00

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 239104 |       |       |
| 182     | 94.9  | 47.5   | 142.5 |       |
| 145     | 32.2  | 16.6   | 49.8  |       |

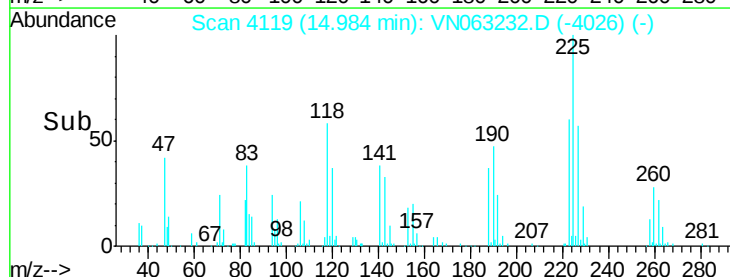
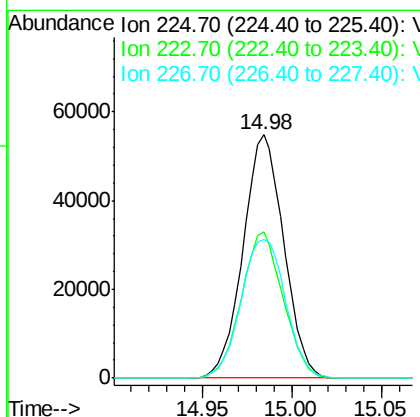
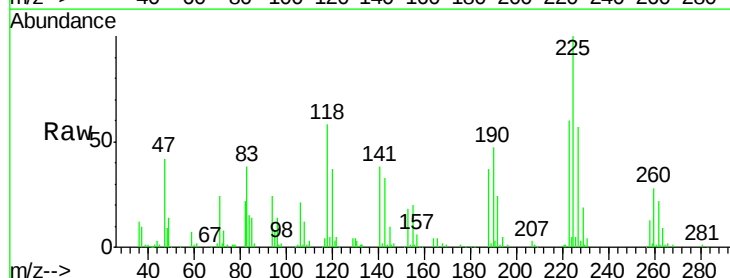
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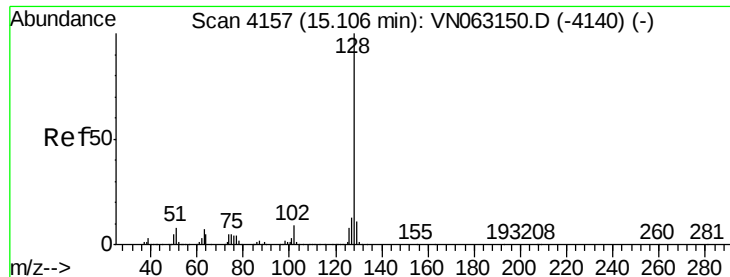
MMDadoda  
 9/4/2020 11:13:47 AM



#94  
 Hexachlorobutadiene  
 Concen: 47.379 ug/l  
 RT: 14.98 min Scan# 4119  
 Delta R.T. 0.00 min  
 Lab File: VN063232.D  
 Acq: 3 Sep 2020 20:00

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 87444 |       |       |
| 223     | 61.4  | 30.9  | 92.7  |       |
| 227     | 62.8  | 32.9  | 98.7  |       |





#95

Naphthalene

Concen: 48.184 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

Instrument :

MSVOA\_N

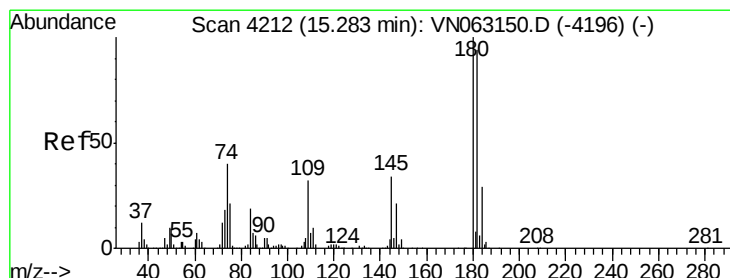
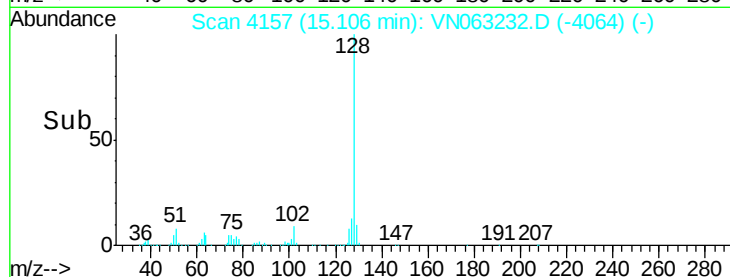
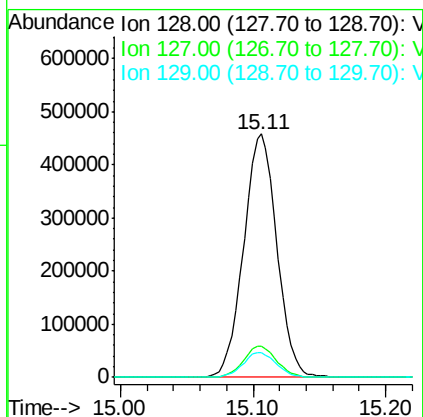
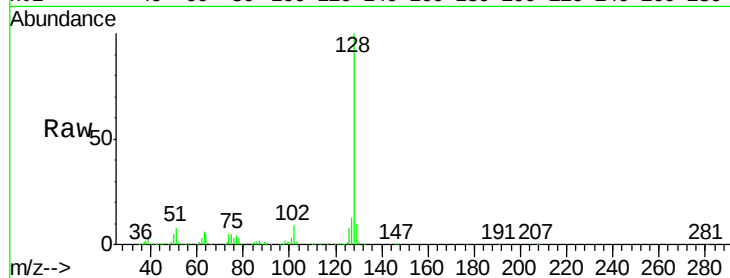
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 794228 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.0  | 10.5  | 15.7   |
| 129       | 10.3  | 8.6   | 13.0   |

Manual Integrations  
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#96

1,2,3-Trichlorobenzene

Concen: 49.959 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 240472 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 91.2  | 47.5  | 142.5  |
| 145       | 33.7  | 17.3  | 52.0   |

