

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100520\  
 Data File : VN063859.D  
 Acq On : 5 Oct 2020 10:19  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 10/6/2020 12:56:31 PM

Quant Time: Oct 05 16:32:52 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N093020W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 01 01:46:38 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.62  | 168  | 283196   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 445961   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 424173   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 218747   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 7.98   | 65  | 218635   | 46.73 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 93.46% |      |
| 35) Dibromofluoromethane  | 7.54   | 113 | 153485   | 49.60 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.20% |      |
| 50) Toluene-d8            | 10.06  | 98  | 558693   | 47.63 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 95.26% |      |
| 62) 4-Bromofluorobenzene  | 12.38  | 95  | 214019   | 48.53 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.06% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 133998  | 44.842  | ug/l | 98     |
| 3) Chloromethane              | 2.03 | 50  | 151215  | 43.128  | ug/l | 100    |
| 4) Vinyl Chloride             | 2.16 | 62  | 156364  | 44.427  | ug/l | 98     |
| 5) Bromomethane               | 2.52 | 94  | 102309  | 46.214  | ug/l | 99     |
| 6) Chloroethane               | 2.67 | 64  | 102703  | 48.834  | ug/l | 97     |
| 7) Trichlorofluoromethane     | 2.98 | 101 | 259256  | 46.446  | ug/l | 99     |
| 8) Diethyl Ether              | 3.37 | 74  | 88597   | 46.932  | ug/l | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.72 | 101 | 138913  | 46.561  | ug/l | 99     |
| 10) Methyl Iodide             | 3.91 | 142 | 168321  | 48.590  | ug/l | 98     |
| 11) Tert butyl alcohol        | 4.72 | 59  | 139520  | 270.109 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 3.69 | 96  | 131724  | 46.191  | ug/l | 97     |
| 13) Acrolein                  | 3.56 | 56  | 55425   | 174.832 | ug/l | 97     |
| 14) Allyl chloride            | 4.27 | 41  | 261546  | 49.368  | ug/l | 96     |
| 15) Acrylonitrile             | 4.92 | 53  | 368168  | 249.007 | ug/l | 99     |
| 16) Acetone                   | 3.77 | 43  | 408779  | 283.831 | ug/l | 99     |
| 17) Carbon Disulfide          | 4.01 | 76  | 356712  | 46.332  | ug/l | 99     |
| 18) Methyl Acetate            | 4.27 | 43  | 190136  | 50.847  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 4.98 | 73  | 501942  | 48.447  | ug/l | 99     |
| 20) Methylene Chloride        | 4.50 | 84  | 158149  | 47.945  | ug/l | 98     |
| 21) trans-1,2-Dichloroethene  | 4.98 | 96  | 147202  | 46.084  | ug/l | 95     |
| 22) Diisopropyl ether         | 5.89 | 45  | 545022  | 50.001  | ug/l | 94     |
| 23) Vinyl Acetate             | 5.84 | 43  | 2296714 | 254.362 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 5.79 | 63  | 298094  | 47.829  | ug/l | 99     |
| 25) 2-Butanone                | 6.78 | 43  | 590010  | 288.954 | ug/l | 99     |
| 26) 2,2-Dichloropropane       | 6.77 | 77  | 280020  | 49.062  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 6.78 | 96  | 169771  | 46.213  | ug/l | 96     |
| 28) Bromochloromethane        | 7.14 | 49  | 146481  | 47.553  | ug/l | 99     |
| 29) Tetrahydrofuran           | 7.16 | 42  | 349155  | 254.955 | ug/l | 99     |
| 30) Chloroform                | 7.32 | 83  | 318671  | 49.038  | ug/l | 97     |
| 31) Cyclohexane               | 7.61 | 56  | 243974  | 44.917  | ug/l | 96     |
| 32) 1,1,1-Trichloroethane     | 7.52 | 97  | 286278  | 48.841  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 7.75 | 75  | 229116  | 50.712  | ug/l | 100    |
| 37) Ethyl Acetate             | 6.87 | 43  | 225226  | 50.176  | ug/l | 100    |
| 38) Carbon Tetrachloride      | 7.73 | 117 | 252942  | 49.927  | ug/l | 97     |

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 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 10/6/2020 12:56:31 PM

Quant Time: Oct 05 16:32:52 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N093020W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 01 01:46:38 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.05  | 83   | 216061   | 47.955   | ug/l   | 98       |
| 40) Benzene                    | 8.00  | 78   | 641438   | 49.706   | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.12  | 41   | 95807    | 48.024   | ug/l # | 84       |
| 42) 1,2-Dichloroethane         | 8.08  | 62   | 281098   | 51.030   | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.12  | 43   | 388937   | 52.531   | ug/l # | 91       |
| 44) Trichloroethene            | 8.80  | 130  | 165882   | 49.060   | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 9.08  | 63   | 173544   | 49.796   | ug/l   | 99       |
| 46) Dibromomethane             | 9.17  | 93   | 119987   | 49.907   | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.37  | 83   | 258370   | 52.144   | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.16  | 41   | 201337   | 55.040   | ug/l   | 94       |
| 49) 1,4-Dioxane                | 9.16  | 88   | 60436    | 1162.490 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43   | 1192662  | 274.493  | ug/l   | 100      |
| 52) Toluene                    | 10.12 | 92   | 404410   | 50.665   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.35 | 75   | 285122   | 53.681   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.80  | 75   | 291570   | 52.490   | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 10.53 | 97   | 164667   | 51.442   | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.40 | 69   | 241927   | 53.319   | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.68 | 76   | 279683   | 51.644   | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 9.66  | 63   | 808430   | 333.089  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.72 | 43   | 973125   | 301.490  | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.87 | 129  | 192223   | 51.564   | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 10.97 | 107  | 170779   | 52.156   | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.60 | 164  | 157357   | 47.950   | ug/l   | 99       |
| 65) Chlorobenzene              | 11.40 | 112  | 431799   | 49.626   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.48 | 131  | 172694   | 51.771   | ug/l   | 100      |
| 67) Ethyl Benzene              | 11.48 | 91   | 808077   | 51.038   | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.59 | 106  | 604747   | 102.484  | ug/l   | 98       |
| 69) o-Xylene                   | 11.92 | 106  | 288548   | 52.317   | ug/l   | 98       |
| 70) Styrene                    | 11.94 | 104  | 495810   | 52.959   | ug/l   | 99       |
| 71) Bromoform                  | 12.10 | 173  | 134834   | 52.851   | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.22 | 105  | 773622   | 48.487   | ug/l   | 100      |
| 74) N-amyl acetate             | 12.04 | 43   | 351564   | 47.523   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.48 | 83   | 233060   | 47.768   | ug/l   | 96       |
| 76) 1,2,3-Trichloropropane     | 12.53 | 75   | 238200m  | 49.398   | ug/l   |          |
| 77) Bromobenzene               | 12.50 | 156  | 192022   | 49.047   | ug/l   | 100      |
| 78) n-propylbenzene            | 12.57 | 91   | 916814   | 49.374   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.65 | 91   | 551629   | 48.304   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.71 | 105  | 667934   | 49.899   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.27 | 75   | 90634    | 54.135   | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 12.75 | 91   | 590222   | 49.786   | ug/l   | 99       |
| 83) tert-Butylbenzene          | 12.97 | 119  | 520137   | 47.505   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.01 | 105  | 677411   | 50.688   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.14 | 105  | 694238   | 48.274   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.26 | 119  | 645766   | 50.759   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.26 | 146  | 349874   | 49.398   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.34 | 146  | 349916   | 47.448   | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.59 | 91   | 559210   | 47.624   | ug/l   | 100      |
| 90) Hexachloroethane           | 13.85 | 117  | 119426   | 48.443   | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene        | 13.63 | 146  | 343126   | 48.911   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.24 | 75   | 56958    | 49.779   | ug/l   | 97       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100520\  
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Acq On : 5 Oct 2020 10:19  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

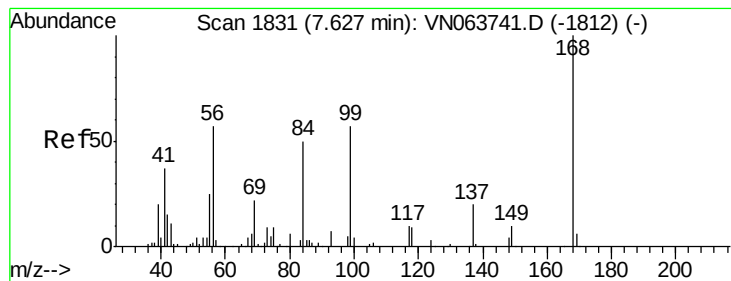
MMDadoda  
10/6/2020 12:56:31 PM

Quant Time: Oct 05 16:32:52 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N093020W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 01 01:46:38 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.88 | 180  | 168298   | 44.323 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 14.98 | 225  | 94944    | 49.915 | ug/l  | 97       |
| 95) Naphthalene            | 15.10 | 128  | 493834   | 42.153 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.28 | 180  | 159694   | 43.377 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.01 min

Lab File: VN063859.D

Acq: 5 Oct 2020 10:19

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 283196

Ion Ratio Lower Upper

168 100

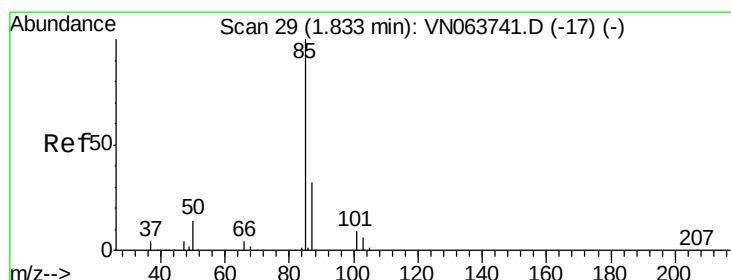
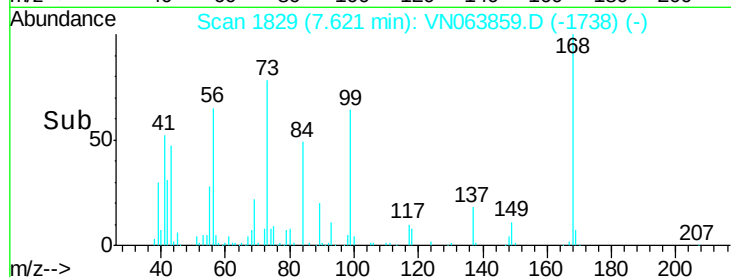
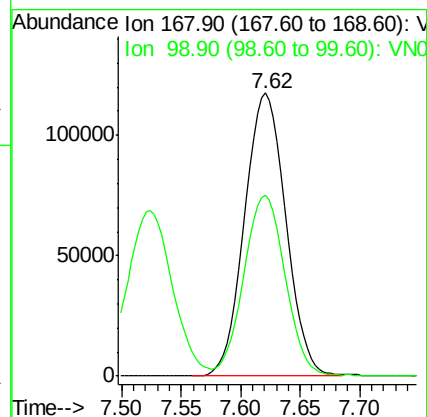
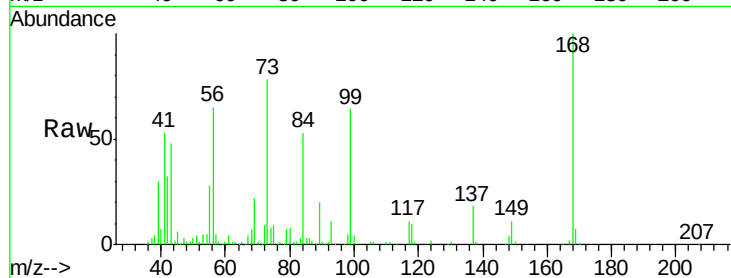
99 63.5 51.8 77.6

Manual Integrations

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MMDadoda

10/6/2020 12:56:31 PM



#2

Dichlorodifluoromethane

Concen: 44.842 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063859.D

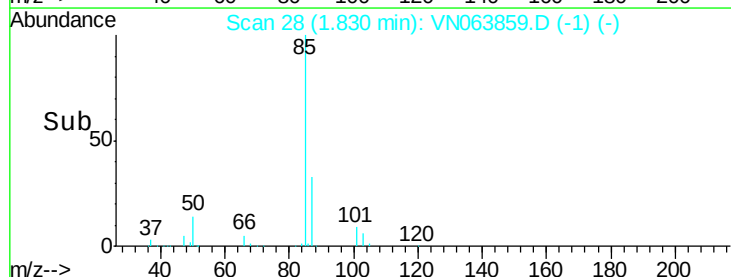
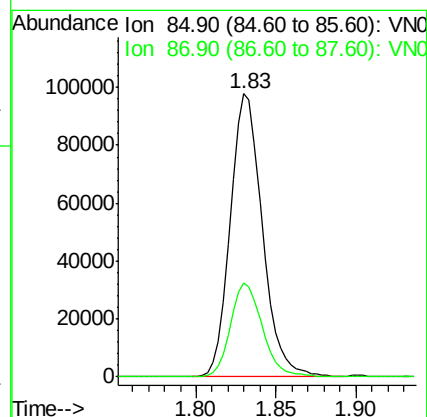
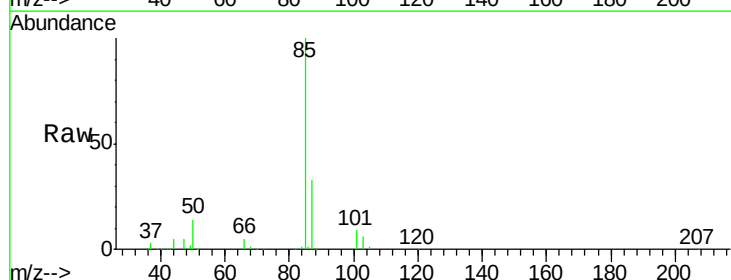
Acq: 5 Oct 2020 10:19

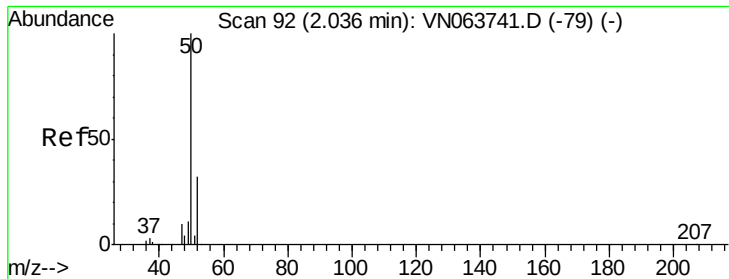
Tgt Ion: 85 Resp: 133998

Ion Ratio Lower Upper

85 100

87 33.2 16.0 48.0





#3

Chloromethane

Concen: 43.128 ug/l

RT: 2.03 min Scan# 91

Delta R.T. -0.00 min

Lab File: VN063859.D

Acq: 5 Oct 2020 10:19

Instrument :

MSVOA\_N

ClientSampled :

VSTDCCC050

Tot Ion: 50 Resp: 151215

Ion Ratio Lower Upper

50 100

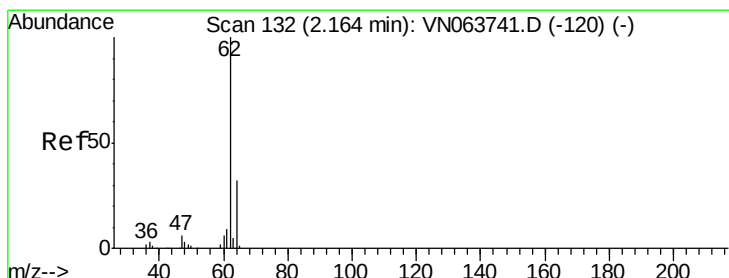
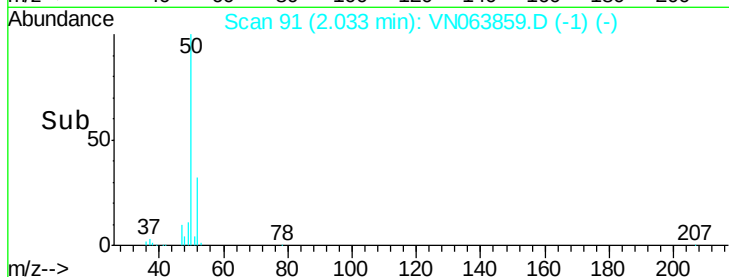
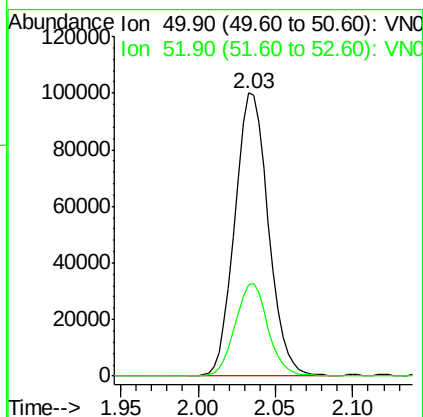
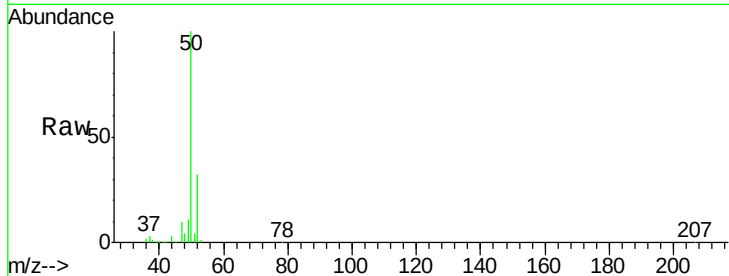
52 32.2 25.8 38.8

Manual Integrations

APPROVED

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10/6/2020 12:56:31 PM



#4

Vinyl Chloride

Concen: 44.427 ug/l

RT: 2.16 min Scan# 131

Delta R.T. -0.00 min

Lab File: VN063859.D

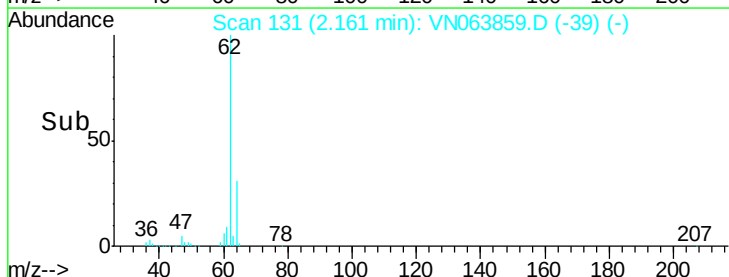
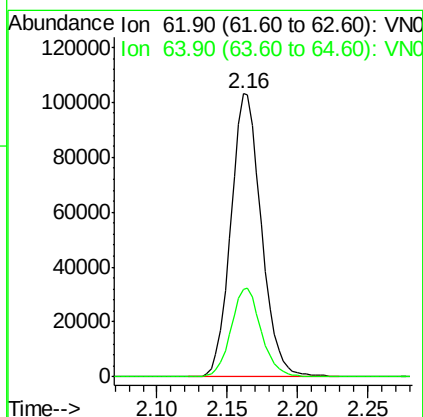
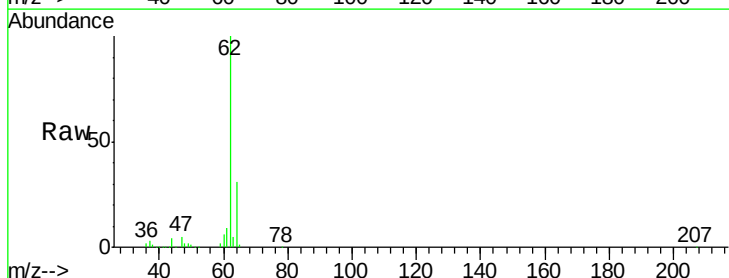
Acq: 5 Oct 2020 10:19

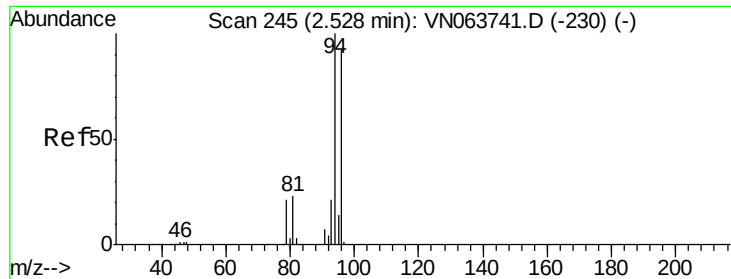
Tgt Ion: 62 Resp: 156364

Ion Ratio Lower Upper

62 100

64 31.2 25.6 38.4





#5

Bromomethane

Concen: 46.214 ug/l

RT: 2.52 min Scan# 243

Delta R.T. -0.01 min

Lab File: VN063859.D

Acq: 5 Oct 2020 10:19

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 102309

Ion Ratio Lower Upper

94 100

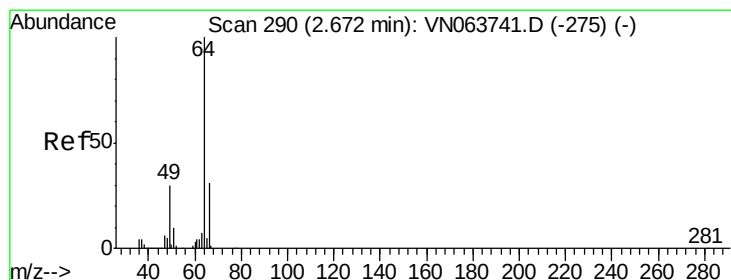
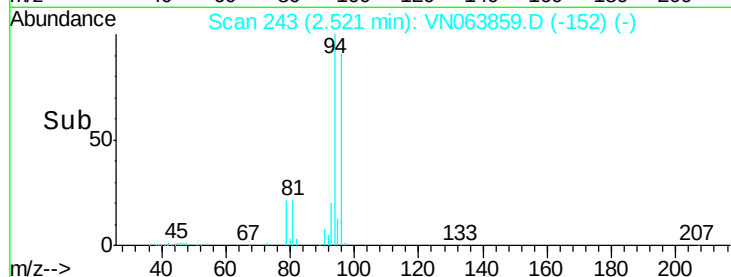
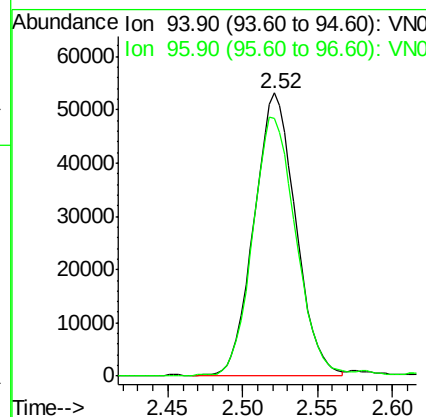
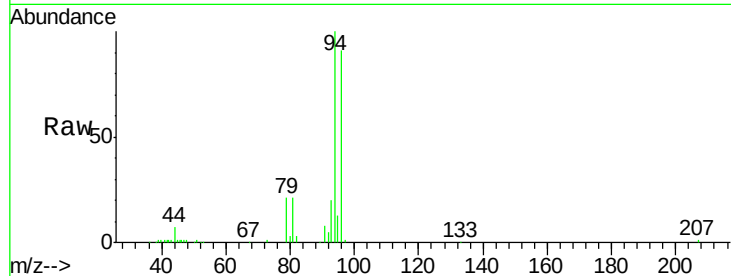
96 91.0 73.3 109.9

Manual Integrations

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10/6/2020 12:56:31 PM



#6

Chloroethane

Concen: 48.834 ug/l

RT: 2.67 min Scan# 288

Delta R.T. -0.01 min

Lab File: VN063859.D

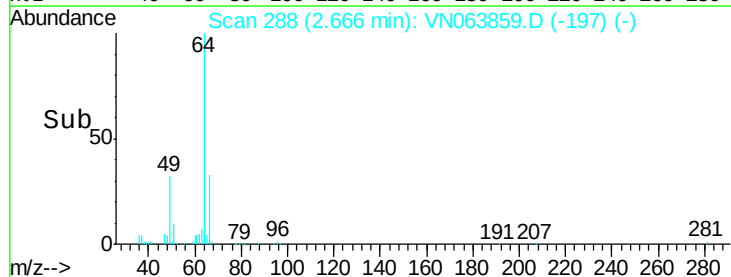
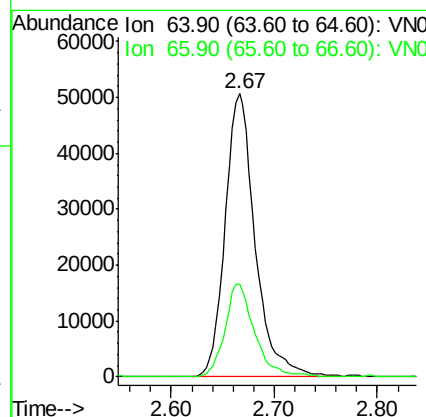
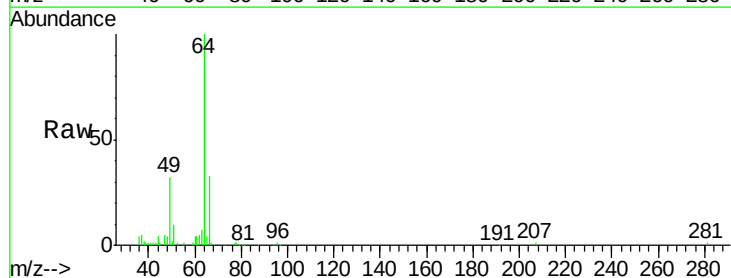
Acq: 5 Oct 2020 10:19

Tgt Ion: 64 Resp: 102703

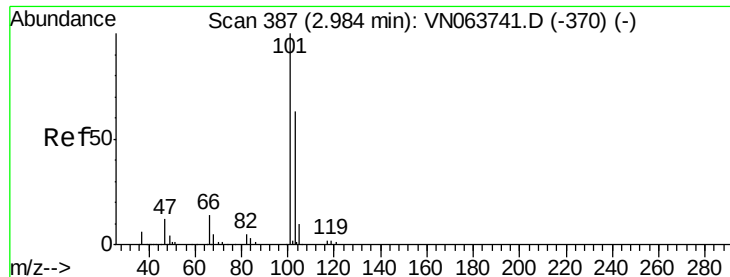
Ion Ratio Lower Upper

64 100

66 32.8 25.1 37.7







#7

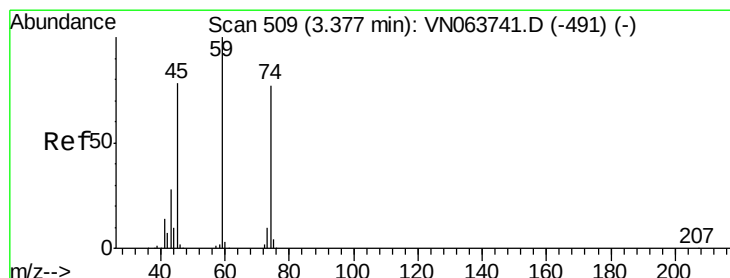
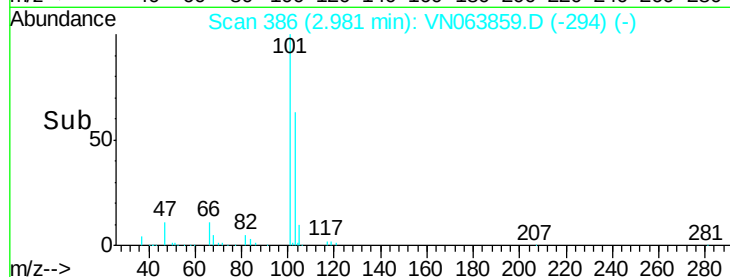
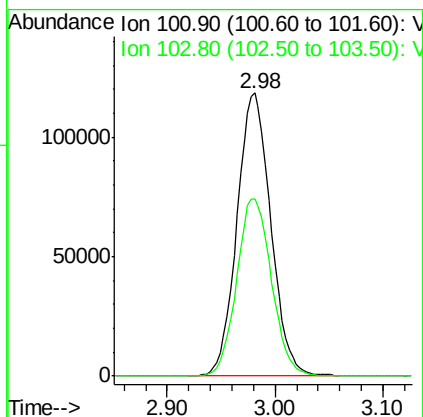
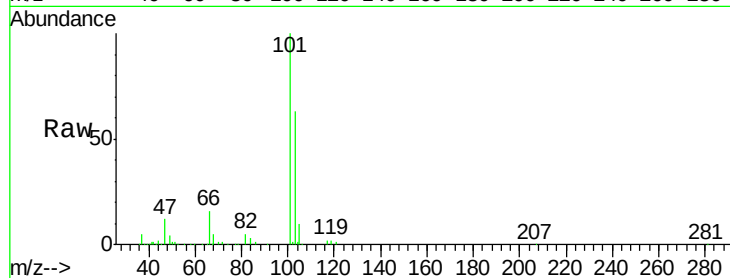
Trichlorofluoromethane  
Concen: 46.446 ug/l  
RT: 2.98 min Scan# 386  
Delta R.T. -0.00 min  
Lab File: VN063859.D  
Acq: 5 Oct 2020 10:19

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 62.5  | 50.7  | 76.1  |

Manual Integrations  
APPROVED

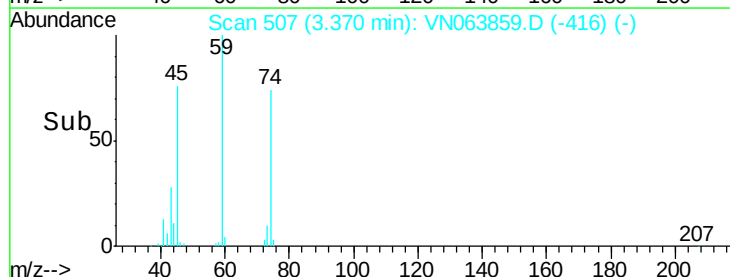
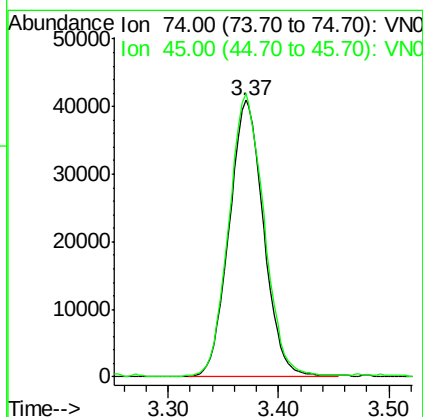
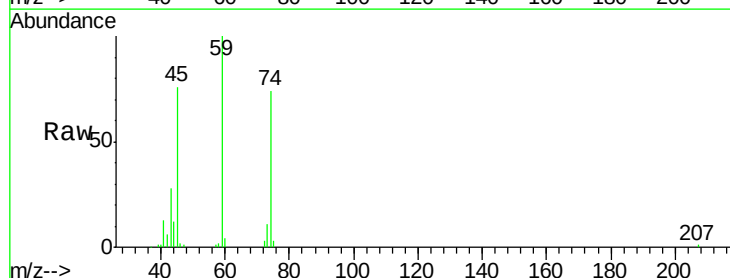
MMDadoda  
10/6/2020 12:56:31 PM



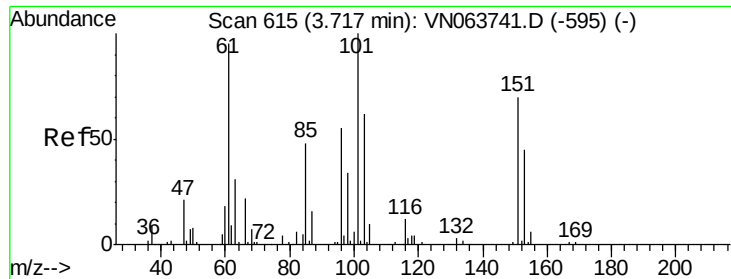
#8

Diethyl Ether  
Concen: 46.932 ug/l  
RT: 3.37 min Scan# 507  
Delta R.T. -0.01 min  
Lab File: VN063859.D  
Acq: 5 Oct 2020 10:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 105.3 | 50.9  | 152.8 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.561 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN063859.D

Acq: 5 Oct 2020 10:19

Instrument :

MSVOA\_N

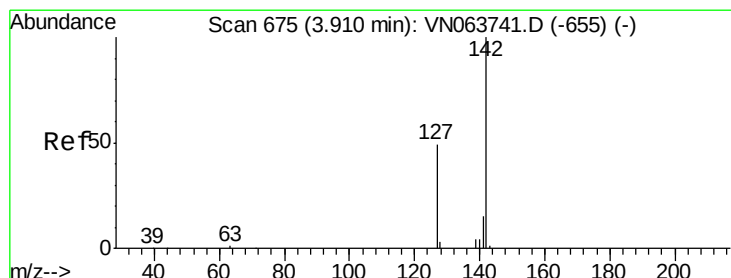
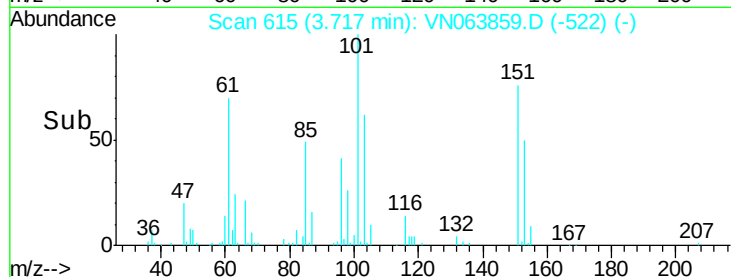
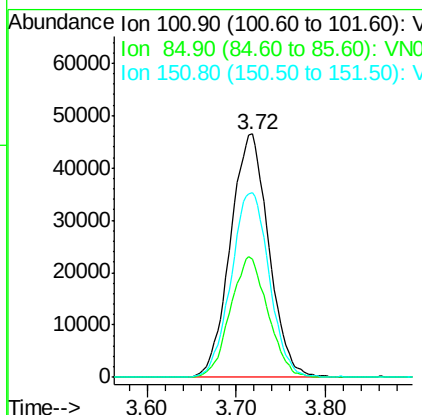
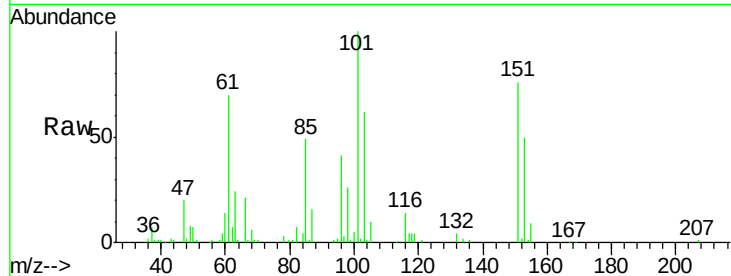
ClientSampled :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 138913 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 48.4  | 38.6  | 58.0   |
| 151       | 75.3  | 58.7  | 88.1   |

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10/6/2020 12:56:31 PM



#10

Methyl Iodide

Concen: 48.590 ug/l

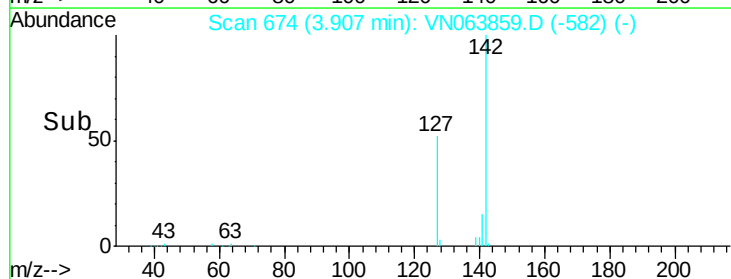
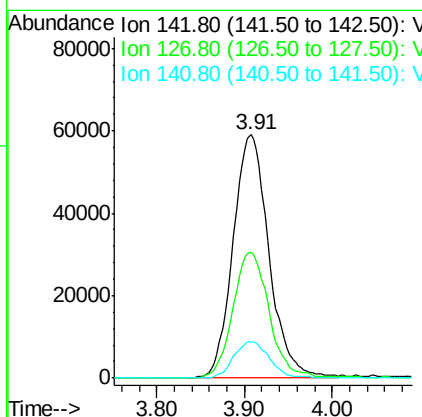
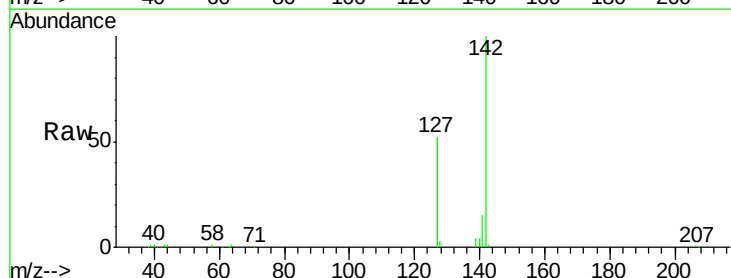
RT: 3.91 min Scan# 674

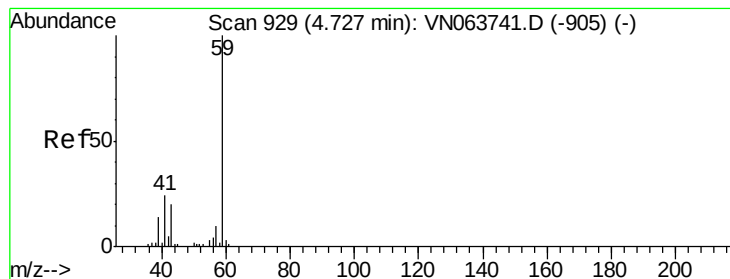
Delta R.T. -0.00 min

Lab File: VN063859.D

Acq: 5 Oct 2020 10:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 168321 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 52.2  | 40.5  | 60.7   |
| 141       | 14.6  | 11.7  | 17.5   |





#11

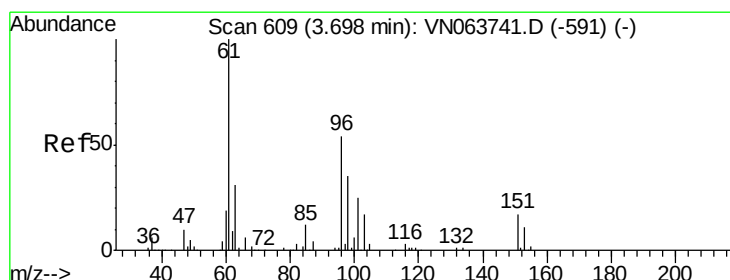
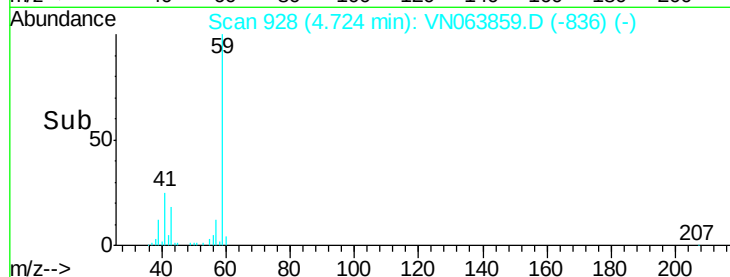
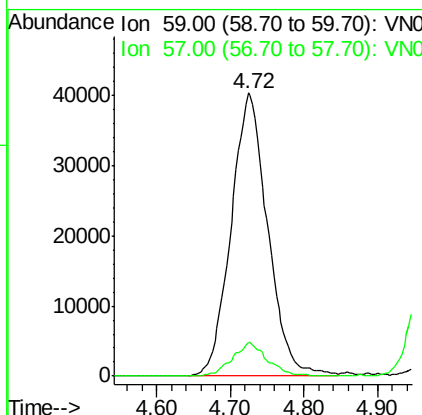
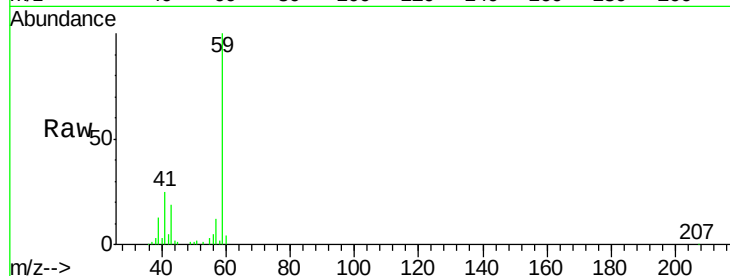
Tert butyl alcohol  
Concen: 270.109 ug/l  
RT: 4.72 min Scan# 928  
Delta R.T. -0.00 min  
Lab File: VN063859.D  
Acq: 5 Oct 2020 10:19

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 11.2  | 8.7   | 13.1  |

Manual Integrations  
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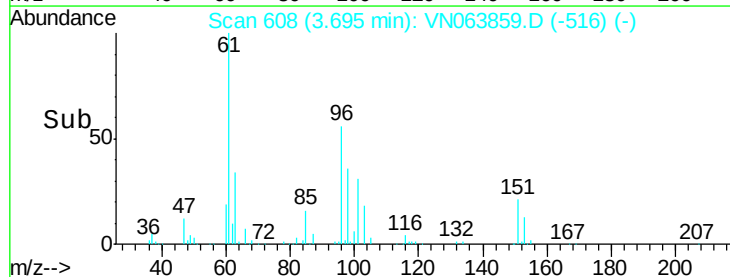
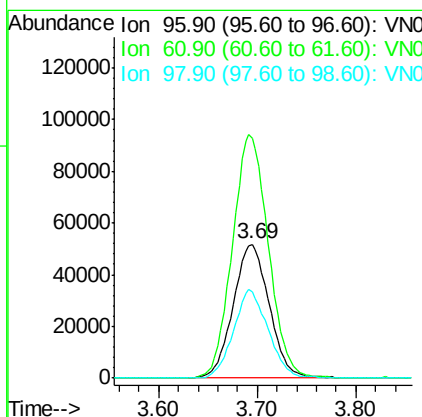
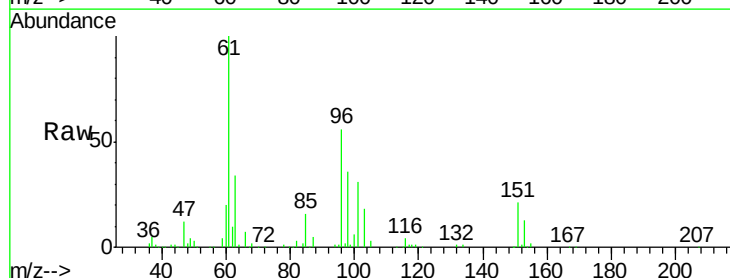
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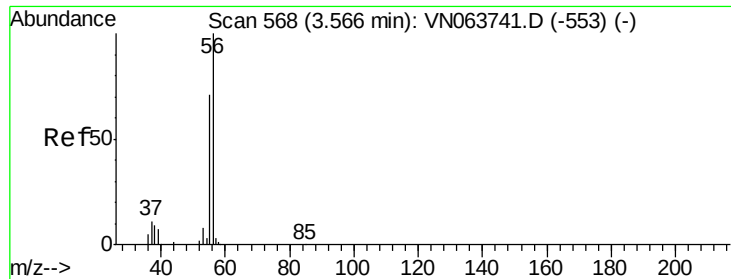


#12

1,1-Dichloroethene  
Concen: 46.191 ug/l  
RT: 3.69 min Scan# 608  
Delta R.T. -0.00 min  
Lab File: VN063859.D  
Acq: 5 Oct 2020 10:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 179.9 | 147.7 | 221.5 |
| 98      | 64.7  | 51.9  | 77.9  |





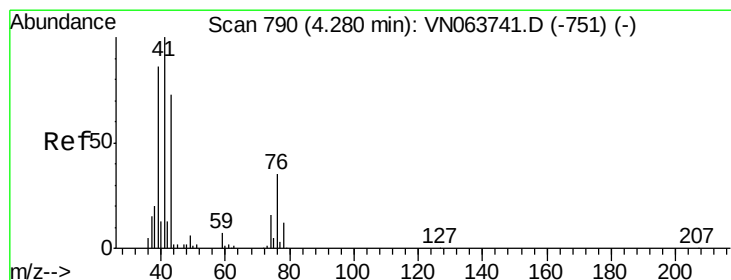
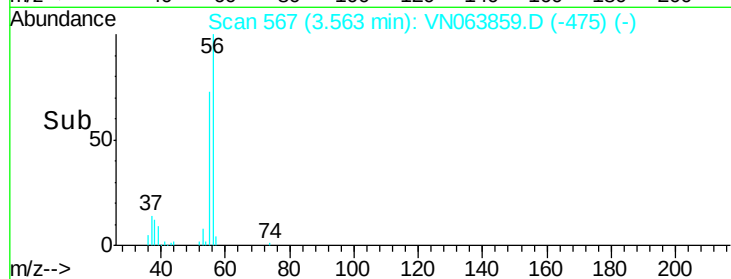
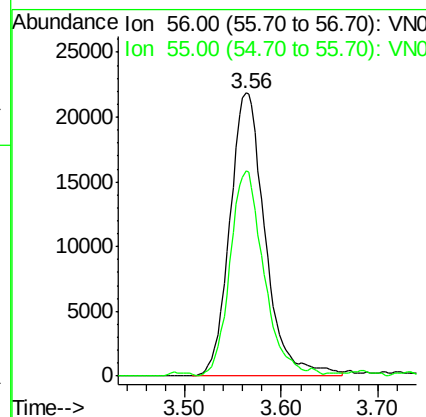
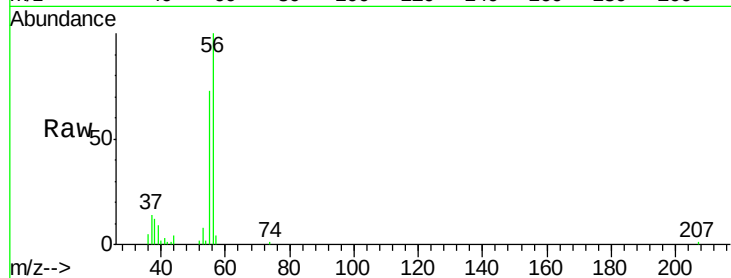
#13  
 Acrolein  
 Concen: 174.832 ug/l  
 RT: 3.56 min Scan# 567  
 Delta R.T. -0.00 min  
 Lab File: VN063859.D  
 Acq: 5 Oct 2020 10:19

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ion | Ratio | Resp | Lower | Upper |
|---------|-----|-------|------|-------|-------|
| 56      | 56  | 100   |      |       |       |
| 55      | 55  | 69.0  | 56.9 | 85.3  |       |

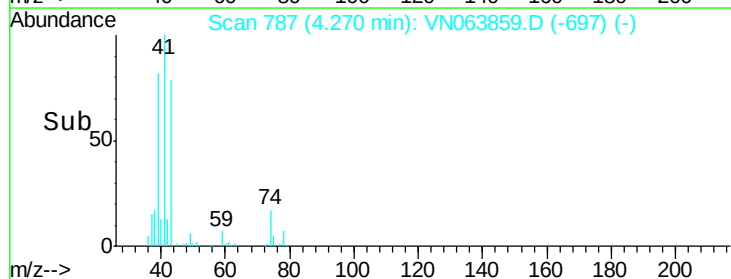
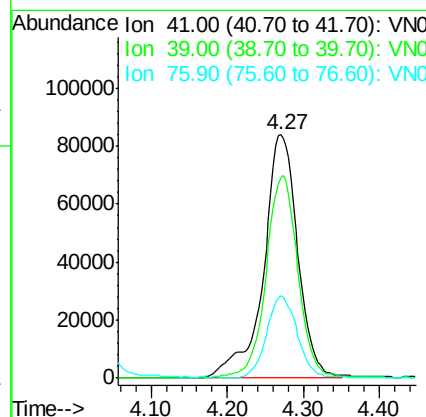
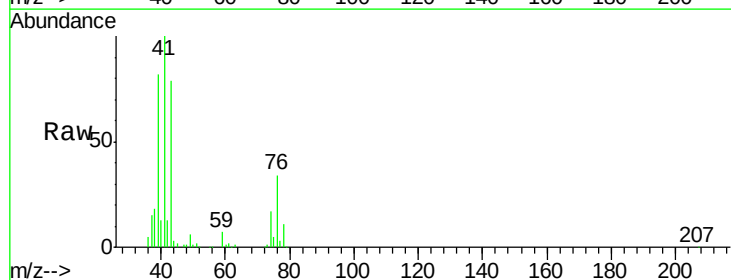
Manual Integrations  
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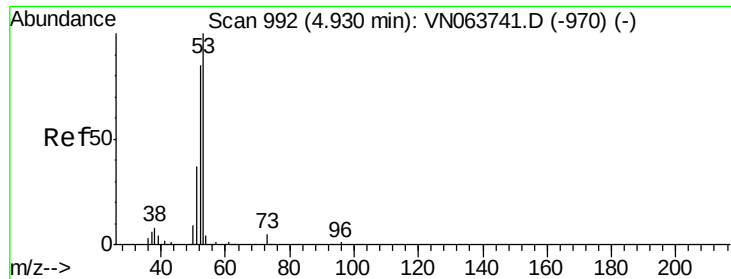
MMDadoda  
 10/6/2020 12:56:31 PM



#14  
 Allyl chloride  
 Concen: 49.368 ug/l  
 RT: 4.27 min Scan# 787  
 Delta R.T. -0.01 min  
 Lab File: VN063859.D  
 Acq: 5 Oct 2020 10:19

| Tgt Ion | Ion | Ratio | Resp | Lower | Upper |
|---------|-----|-------|------|-------|-------|
| 41      | 41  | 100   |      |       |       |
| 39      | 39  | 77.4  | 64.5 | 96.7  |       |
| 76      | 76  | 29.6  | 25.9 | 38.9  |       |





#15

Acrylonitrile

Concen: 249.007 ug/l

RT: 4.92 min Scan# 990

Delta R.T. -0.01 min

Lab File: VN063859.D

Acq: 5 Oct 2020 10:19

Instrument :

MSVOA\_N

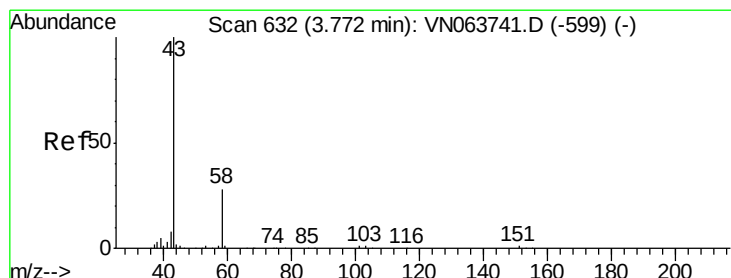
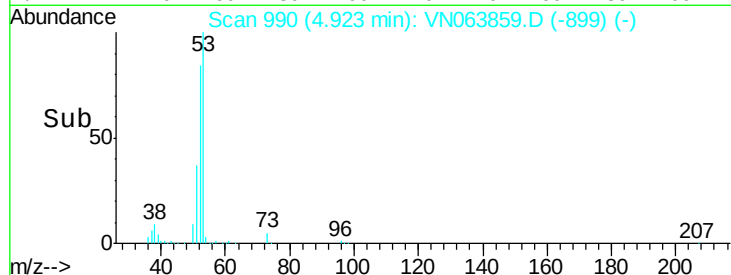
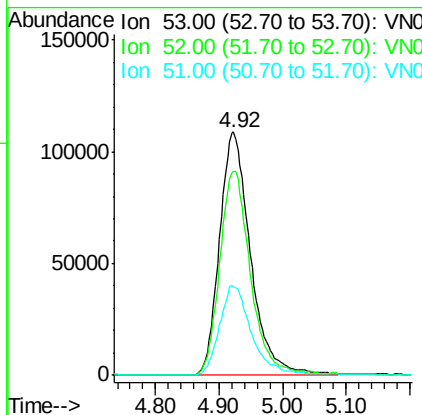
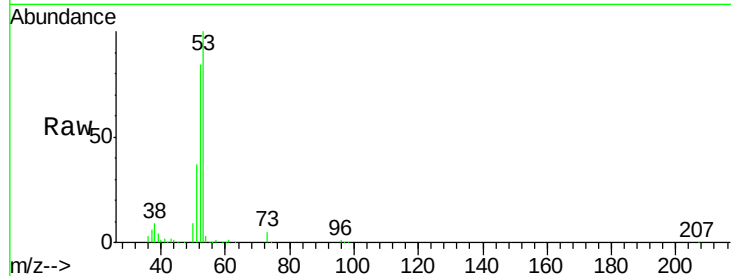
ClientSampleId :

VSTDCCC050

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 53   | Resp: | 368168 |
| Ion Ratio |      | Lower | Upper  |
| 53        | 100  |       |        |
| 52        | 82.7 | 66.5  | 99.7   |
| 51        | 38.1 | 29.9  | 44.9   |

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#16

Acetone

Concen: 283.831 ug/l

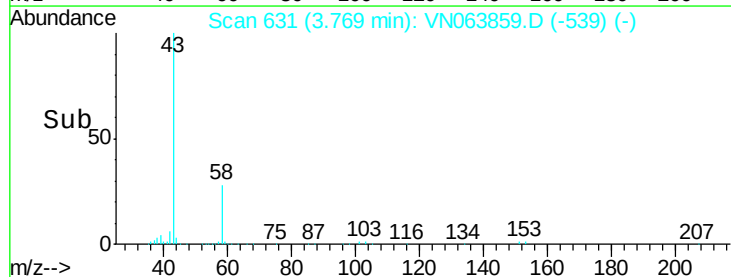
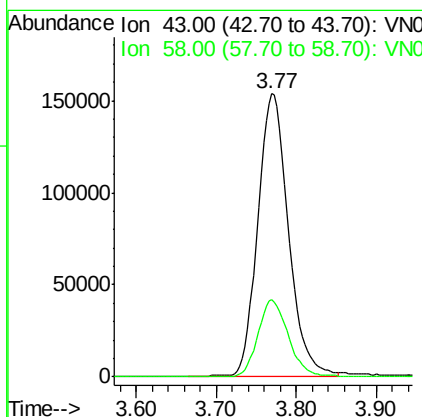
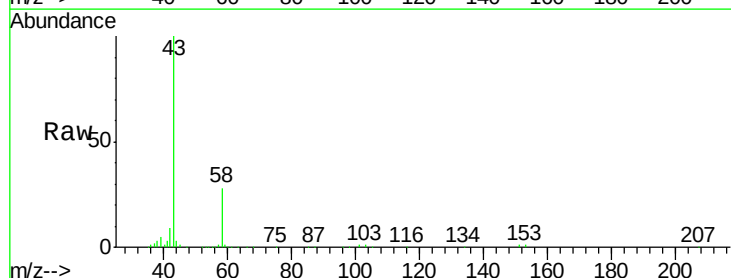
RT: 3.77 min Scan# 631

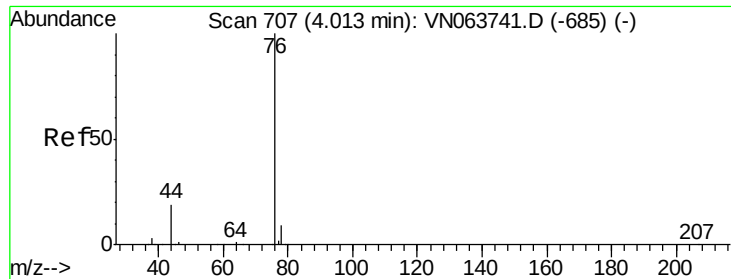
Delta R.T. -0.00 min

Lab File: VN063859.D

Acq: 5 Oct 2020 10:19

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 43   | Resp: | 408779 |
| Ion Ratio |      | Lower | Upper  |
| 43        | 100  |       |        |
| 58        | 27.5 | 22.3  | 33.5   |





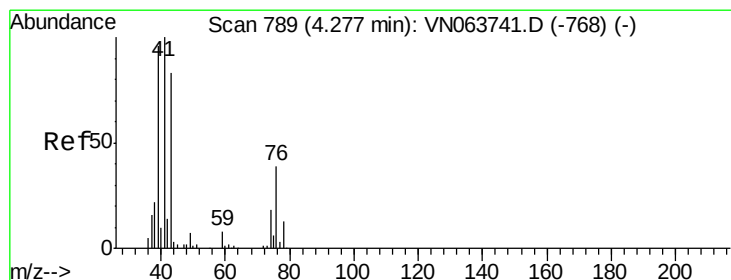
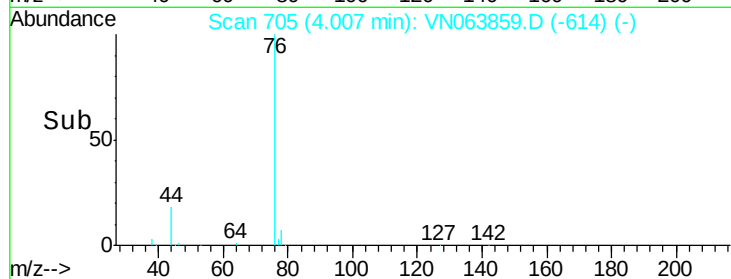
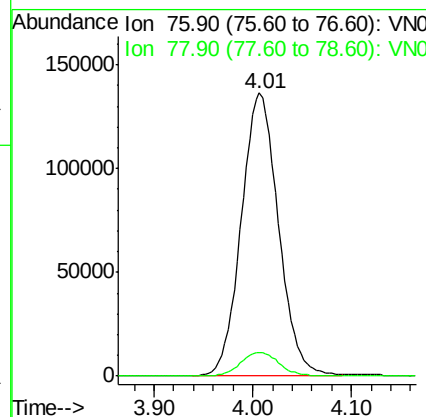
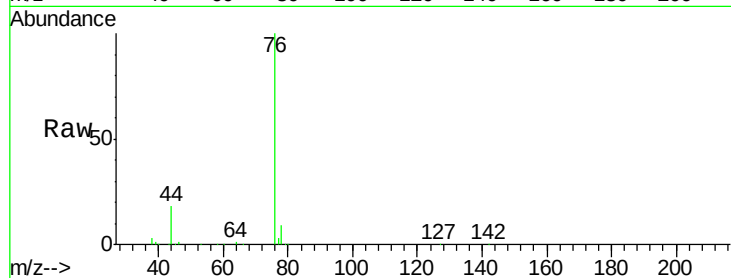
#17  
Carbon Disulfide  
Concen: 46.332 ug/l  
RT: 4.01 min Scan# 705  
Delta R.T. -0.01 min  
Lab File: VN063859.D  
Acq: 5 Oct 2020 10:19

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 8.5   | 7.0   | 10.4  |

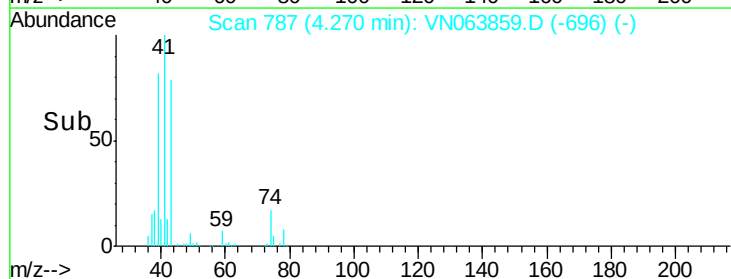
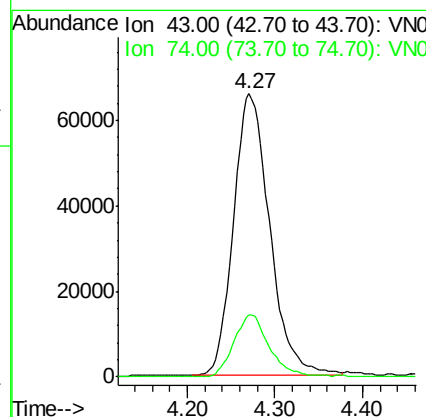
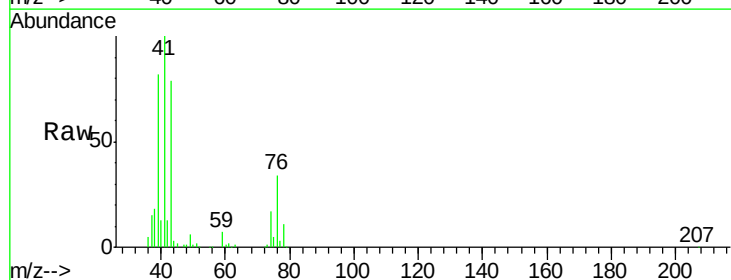
Manual Integrations  
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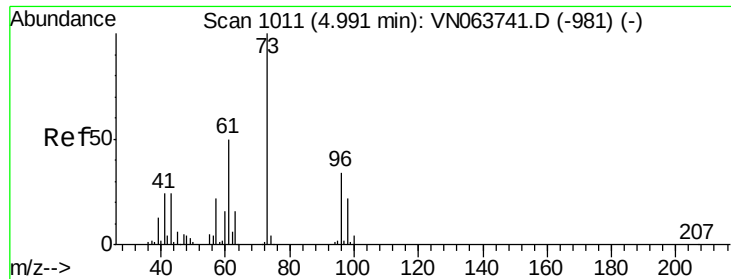
MMDadoda  
10/6/2020 12:56:31 PM



#18  
Methyl Acetate  
Concen: 50.847 ug/l  
RT: 4.27 min Scan# 787  
Delta R.T. -0.01 min  
Lab File: VN063859.D  
Acq: 5 Oct 2020 10:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 21.4  | 17.4  | 26.2  |





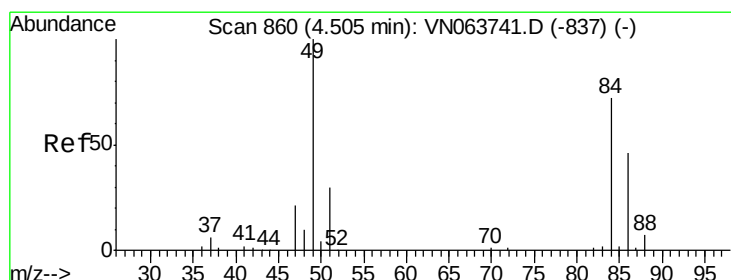
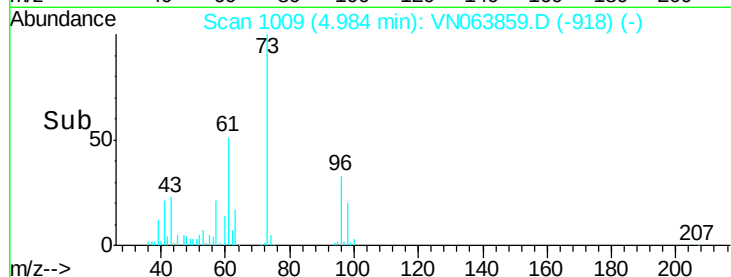
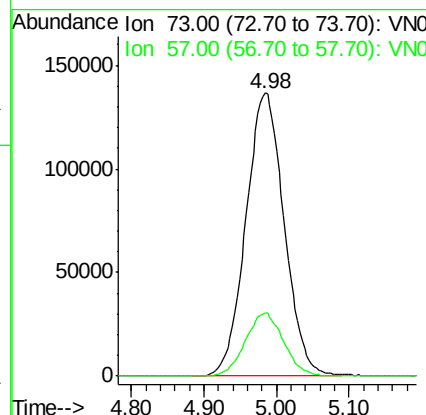
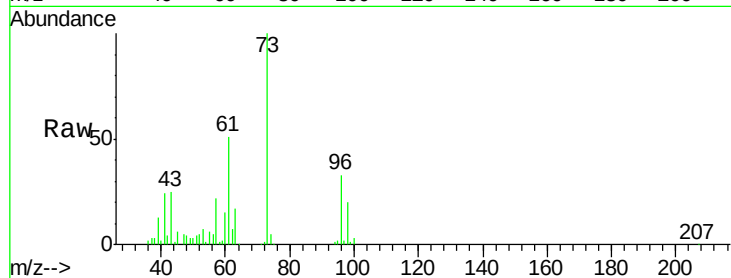
#19  
Methvl tert-butyl Ether  
Concen: 48.447 ug/l  
RT: 4.98 min Scan# 1009  
Delta R.T. -0.01 min  
Lab File: VN063859.D  
Acq: 5 Oct 2020 10:19

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion: 73 Resp: 501942  
Ion Ratio Lower Upper  
73 100  
57 22.4 17.6 26.4

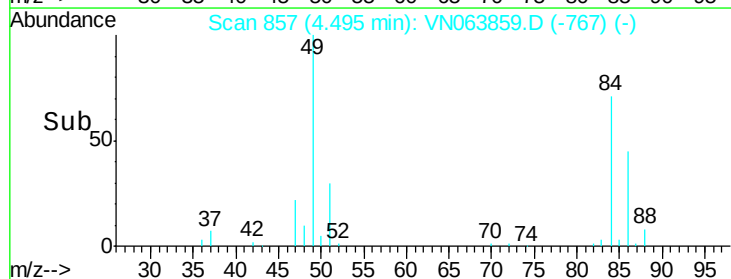
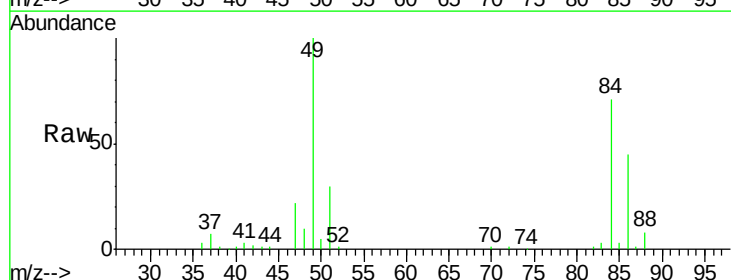
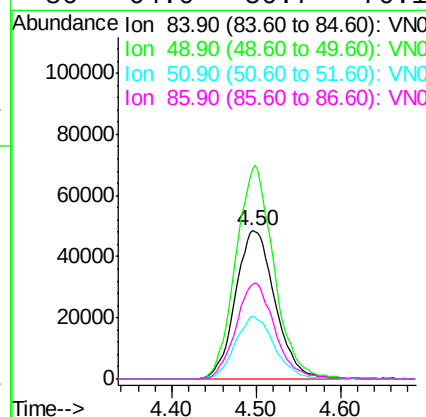
Manual Integrations  
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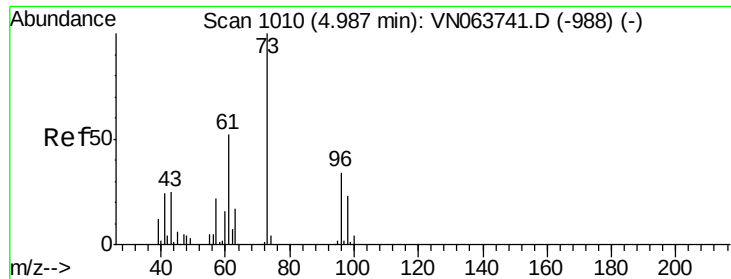
MMDadoda  
10/6/2020 12:56:31 PM



#20  
Methylene Chloride  
Concen: 47.945 ug/l  
RT: 4.50 min Scan# 857  
Delta R.T. -0.01 min  
Lab File: VN063859.D  
Acq: 5 Oct 2020 10:19

Tgt Ion: 84 Resp: 158149  
Ion Ratio Lower Upper  
84 100  
49 141.3 110.4 165.6  
51 41.6 33.3 49.9  
86 64.0 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 46.084 ug/l

RT: 4.98 min Scan# 1008

Delta R.T. -0.01 min

Lab File: VN063859.D

Acq: 5 Oct 2020 10:19

Instrument :

MSVOA\_N

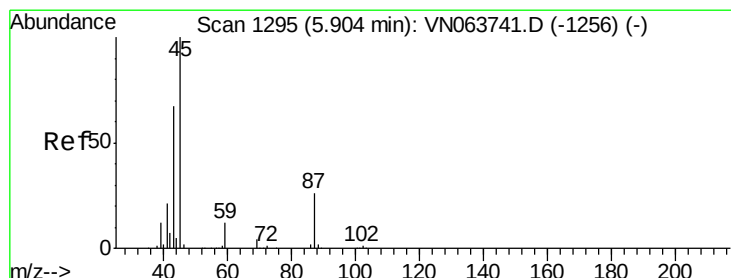
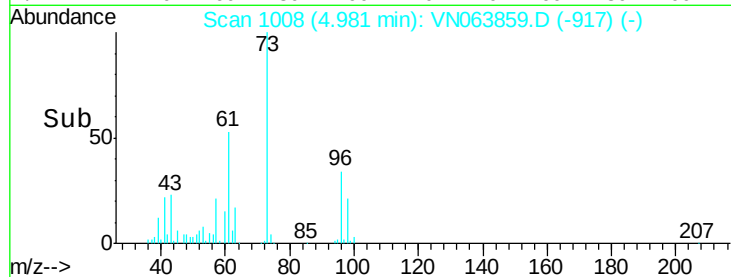
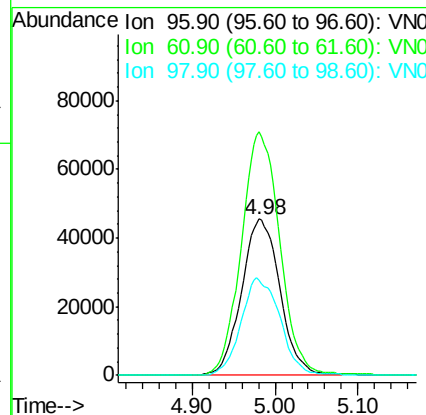
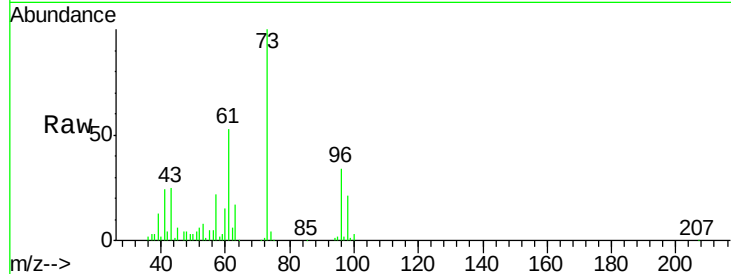
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 147202 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 155.9 | 120.2 | 180.2  |
| 98       | 61.1  | 52.6  | 79.0   |

Manual Integrations  
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10/6/2020 12:56:31 PM



#22

Diisopropyl ether

Concen: 50.001 ug/l

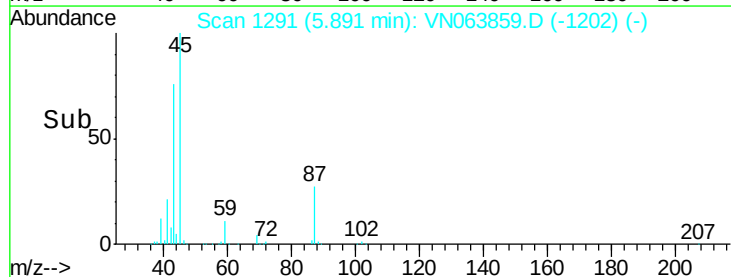
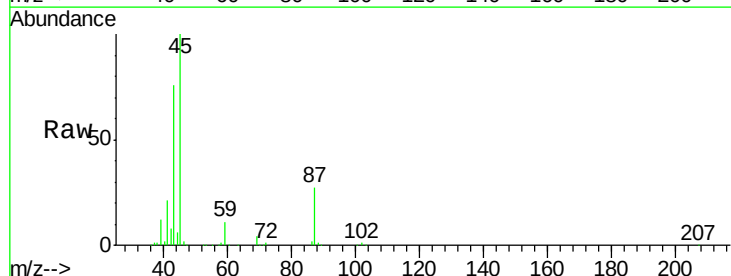
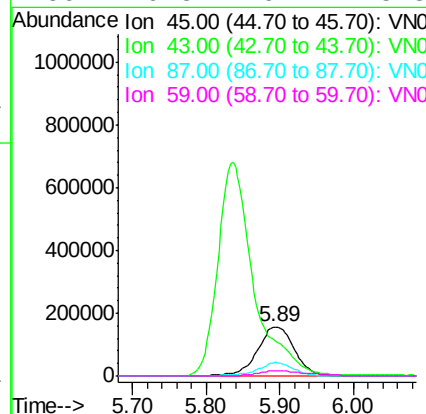
RT: 5.89 min Scan# 1291

Delta R.T. -0.01 min

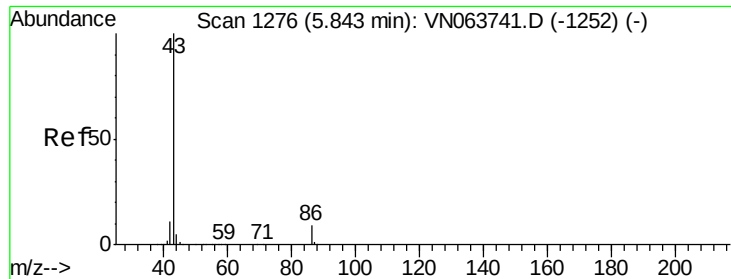
Lab File: VN063859.D

Acq: 5 Oct 2020 10:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 545022 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 73.3  | 53.7  | 80.5   |
| 87       | 27.0  | 21.1  | 31.7   |
| 59       | 10.3  | 9.2   | 13.8   |







#23

Vinyl Acetate

Concen: 254.362 ug/l

RT: 5.84 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VN063859.D

Acq: 5 Oct 2020 10:19

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2296714

Ion Ratio Lower Upper

43 100

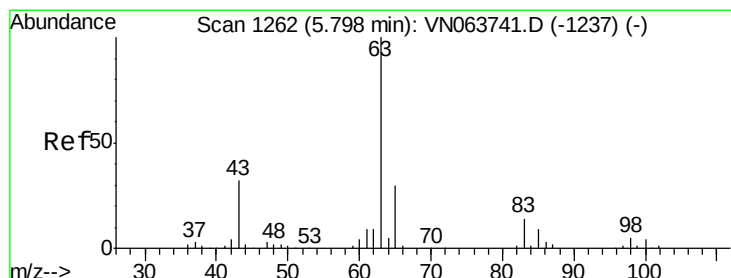
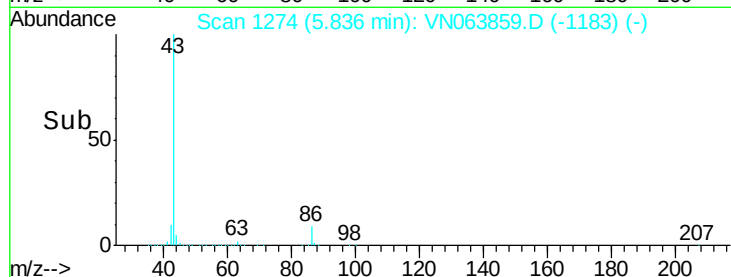
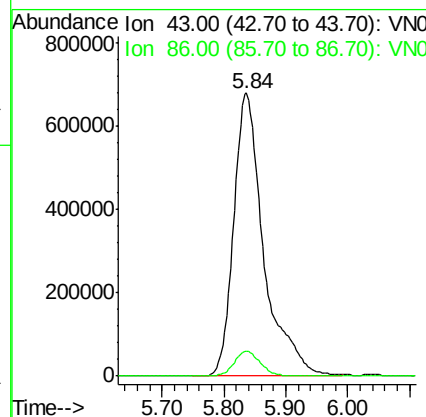
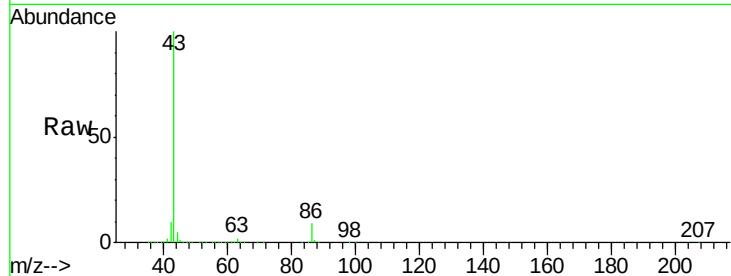
86 8.9 7.3 10.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 47.829 ug/l

RT: 5.79 min Scan# 1260

Delta R.T. -0.01 min

Lab File: VN063859.D

Acq: 5 Oct 2020 10:19

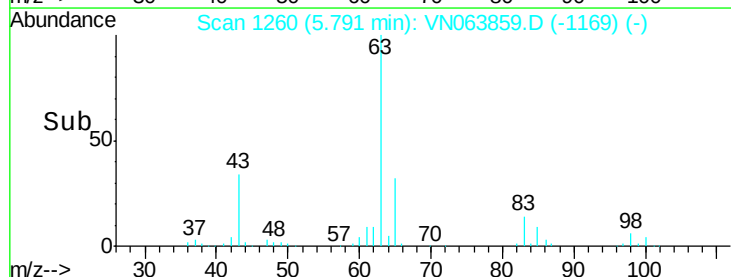
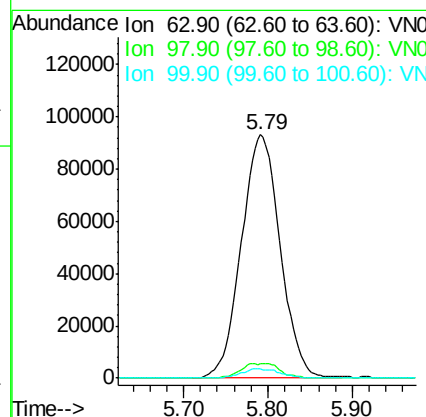
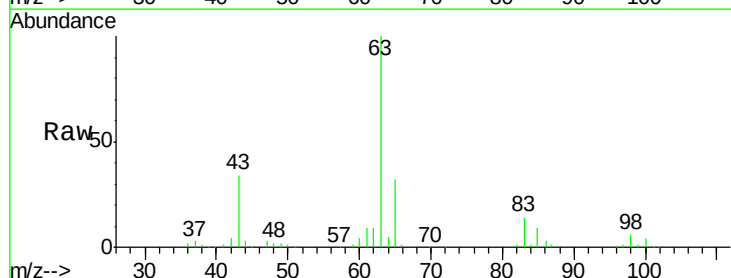
Tgt Ion: 63 Resp: 298094

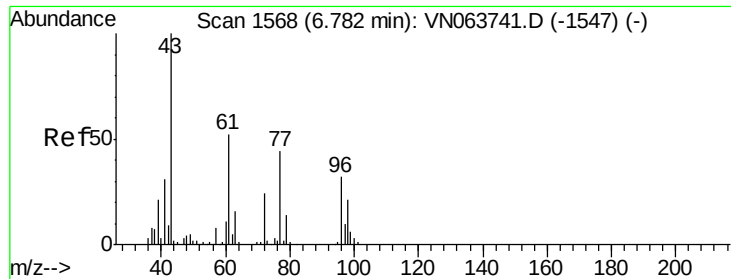
Ion Ratio Lower Upper

63 100

98 5.7 2.7 8.1

100 3.6 1.9 5.7





#25

2-Butanone

Concen: 288.954 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN063859.D

Acq: 5 Oct 2020 10:19

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 590010

Ion Ratio Lower Upper

43 100

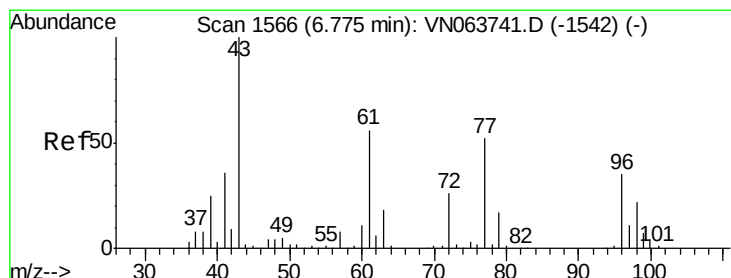
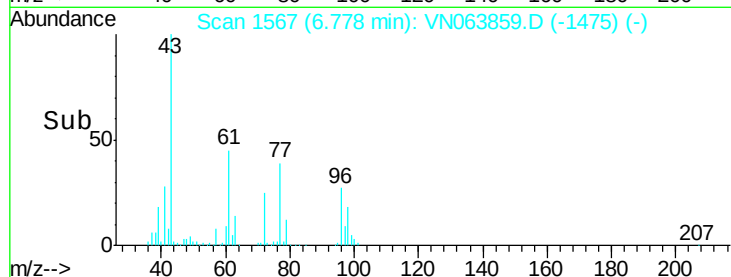
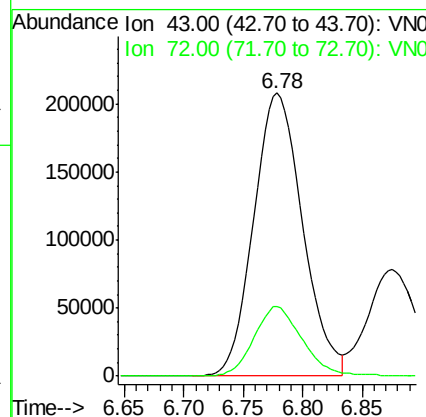
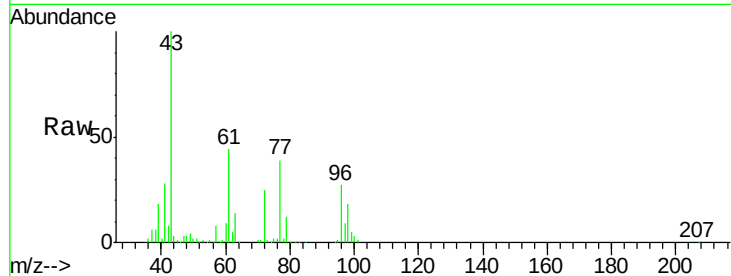
72 24.8 19.3 28.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 49.062 ug/l

RT: 6.77 min Scan# 1564

Delta R.T. -0.01 min

Lab File: VN063859.D

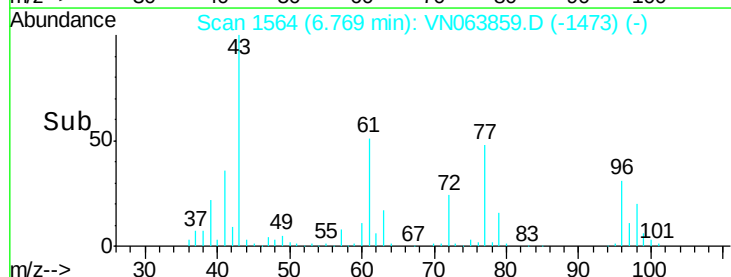
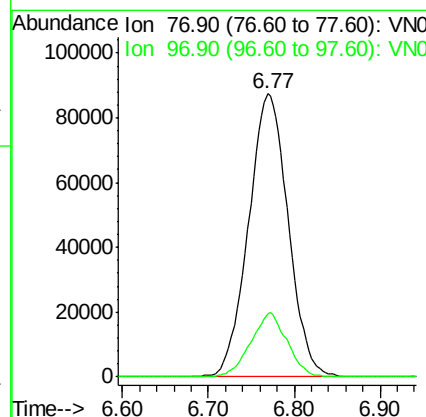
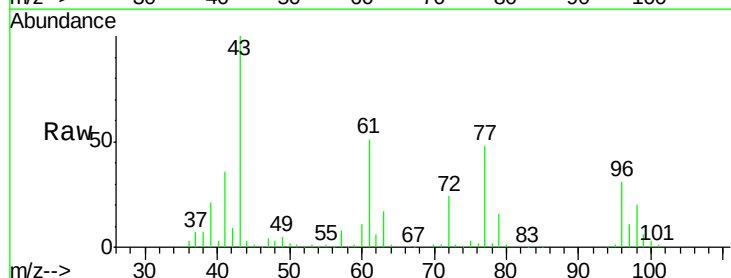
Acq: 5 Oct 2020 10:19

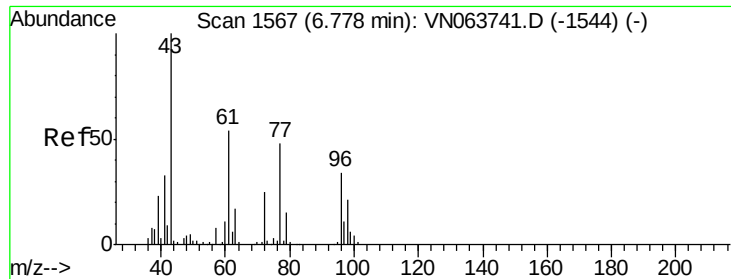
Tgt Ion: 77 Resp: 280020

Ion Ratio Lower Upper

77 100

97 20.8 10.8 32.3





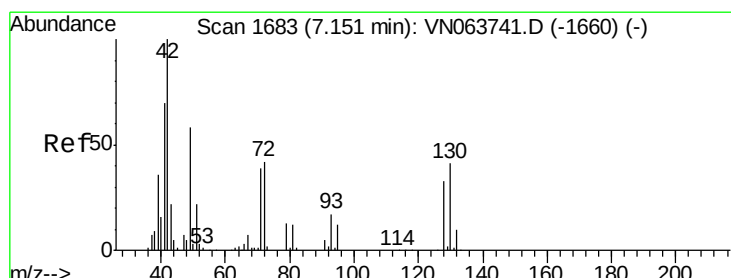
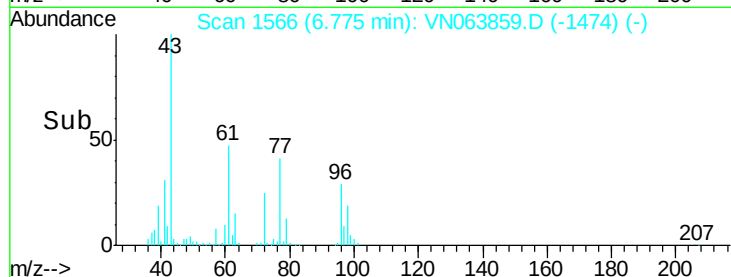
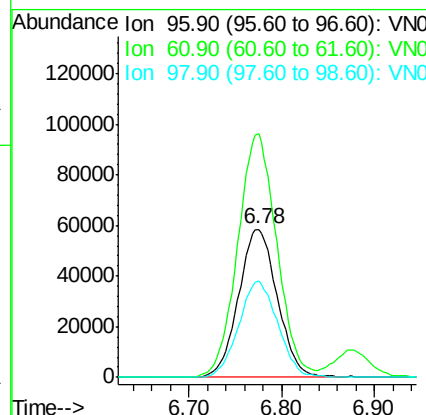
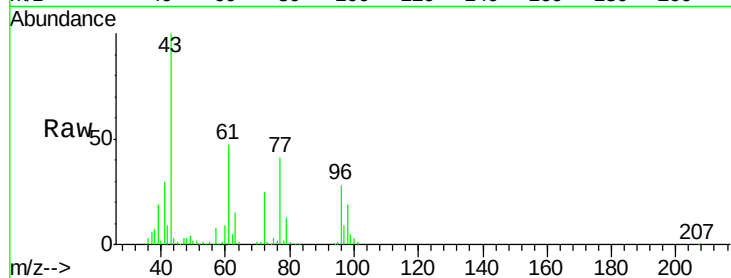
#27  
 cis-1,2-Dichloroethene  
 Concen: 46.213 ug/l  
 RT: 6.78 min Scan# 1566  
 Delta R.T. -0.00 min  
 Lab File: VN063859.D  
 Acq: 5 Oct 2020 10:19

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 165.2 | 0.0   | 321.2 |
| 98      | 65.5  | 0.0   | 124.4 |

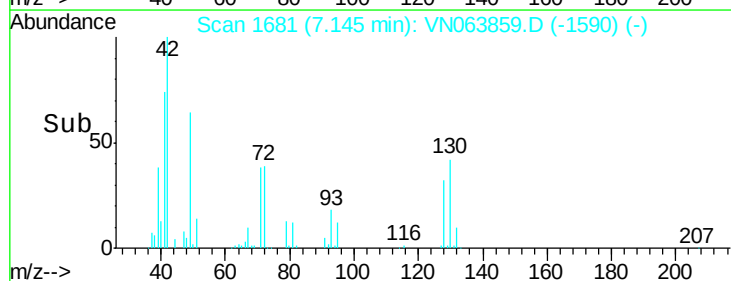
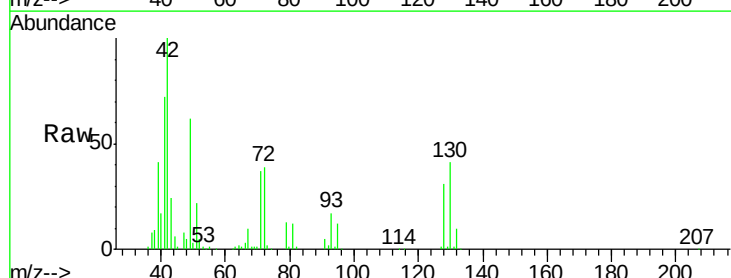
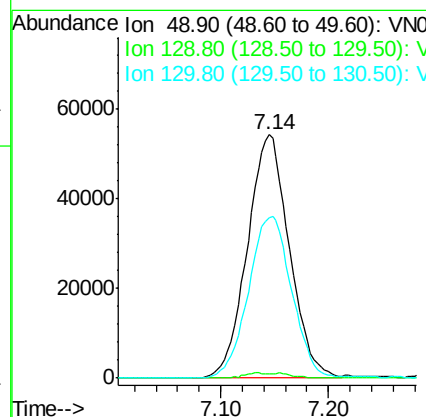
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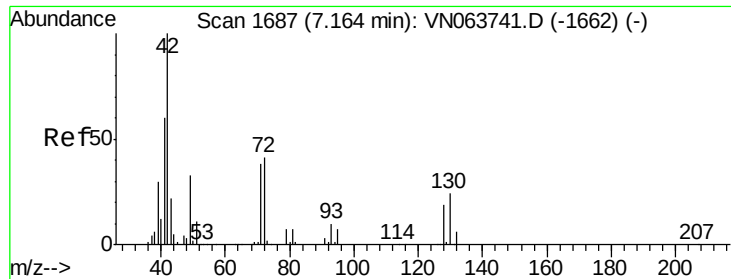
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#28  
 Bromochloromethane  
 Concen: 47.553 ug/l  
 RT: 7.14 min Scan# 1681  
 Delta R.T. -0.01 min  
 Lab File: VN063859.D  
 Acq: 5 Oct 2020 10:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 1.1   | 0.0   | 4.8   |
| 130     | 68.6  | 55.6  | 83.4  |





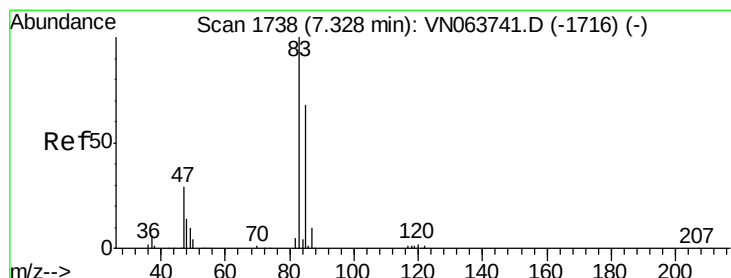
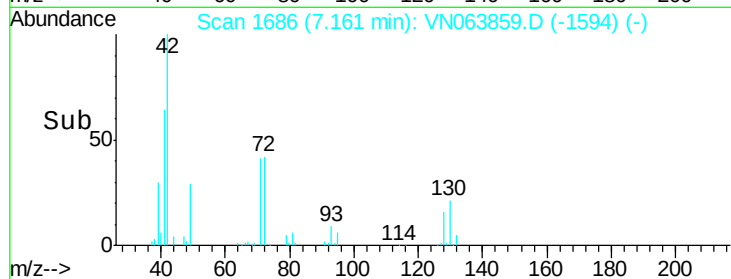
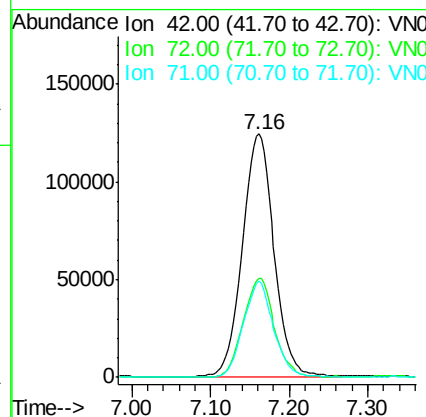
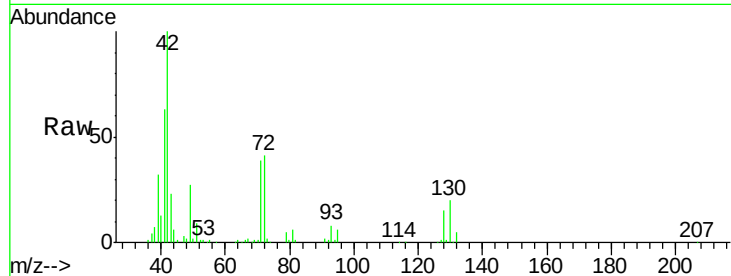
#29  
Tetrahydrofuran  
Concen: 254.955 ug/l  
RT: 7.16 min Scan# 1686  
Delta R.T. -0.00 min  
Lab File: VN063859.D  
Acq: 5 Oct 2020 10:19

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 40.5  | 32.8  | 49.2  |
| 71      | 37.7  | 30.6  | 45.8  |

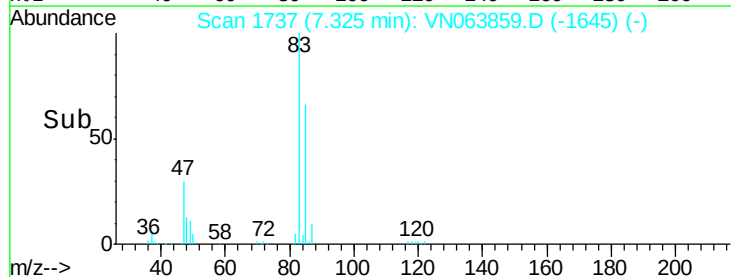
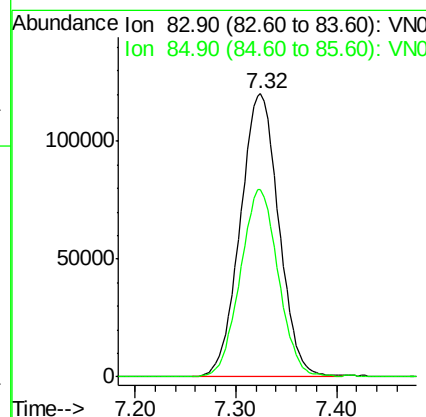
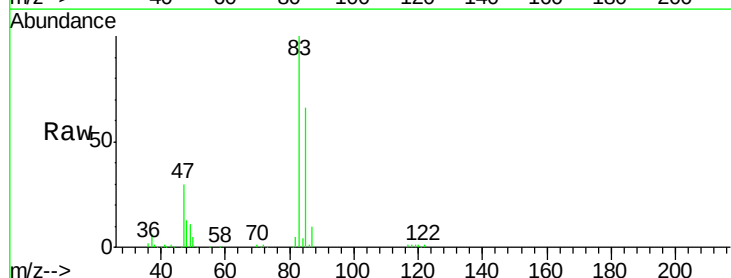
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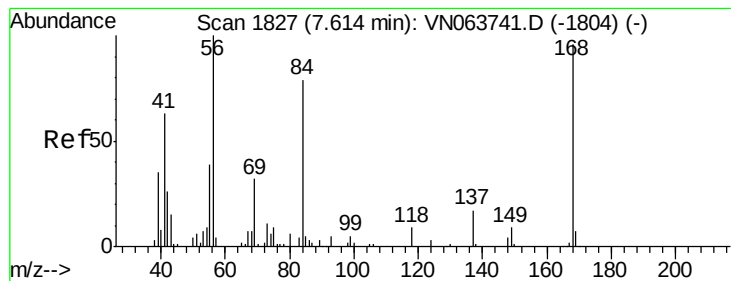
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#30  
Chloroform  
Concen: 49.038 ug/l  
RT: 7.32 min Scan# 1737  
Delta R.T. -0.00 min  
Lab File: VN063859.D  
Acq: 5 Oct 2020 10:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 66.2  | 54.6  | 82.0  |





#31

Cyclohexane

Concen: 44.917 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN063859.D

Acq: 5 Oct 2020 10:19

Instrument :

MSVOA\_N

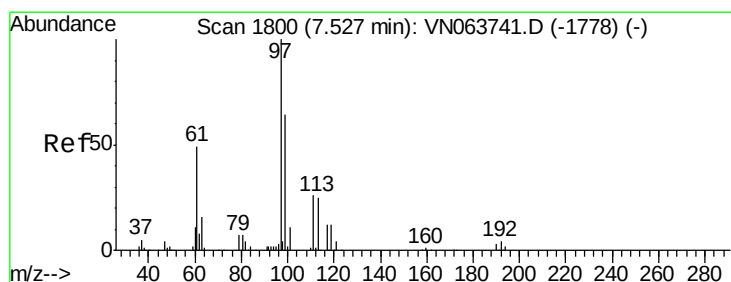
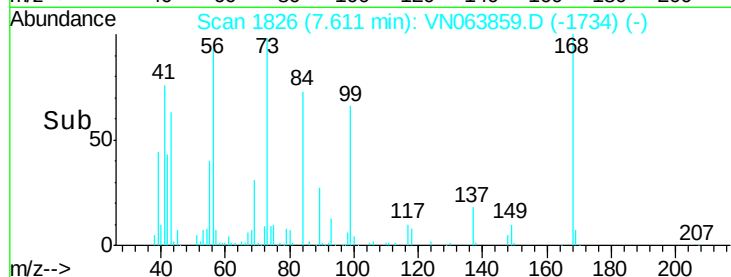
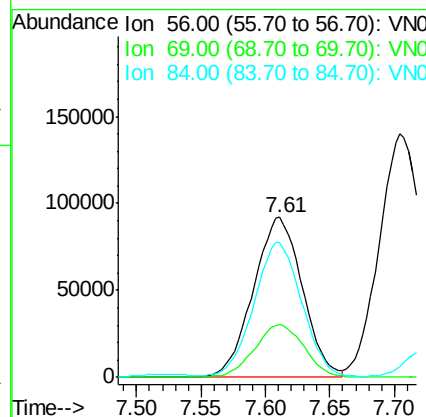
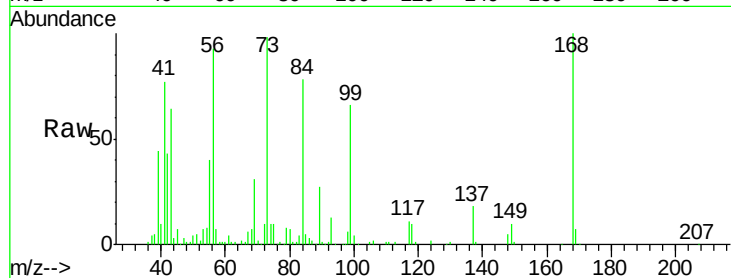
ClientSampled :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 56    | Resp: | 243974 |
| Ion Ratio | Lower | Upper |        |
| 56        | 100   |       |        |
| 69        | 33.0  | 25.4  | 38.2   |
| 84        | 82.9  | 63.3  | 94.9   |

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#32

1,1,1-Trichloroethane

Concen: 48.841 ug/l

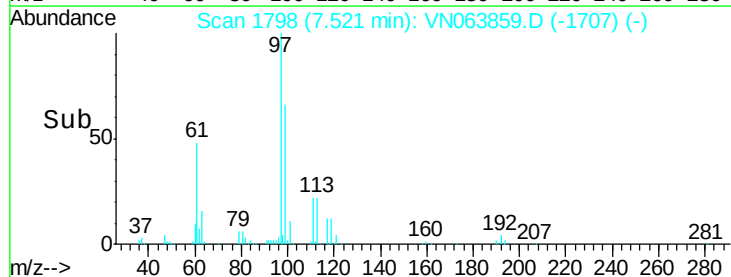
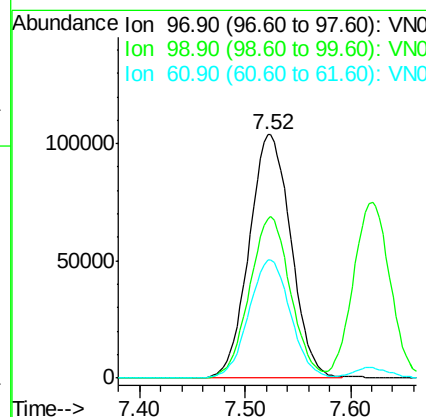
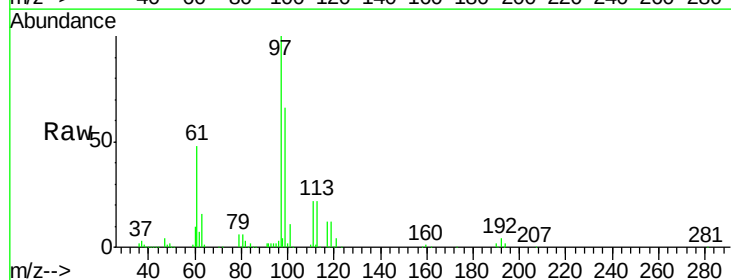
RT: 7.52 min Scan# 1798

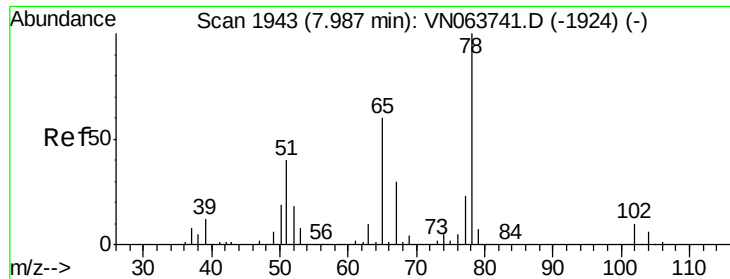
Delta R.T. -0.01 min

Lab File: VN063859.D

Acq: 5 Oct 2020 10:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 97    | Resp: | 286278 |
| Ion Ratio | Lower | Upper |        |
| 97        | 100   |       |        |
| 99        | 64.8  | 51.0  | 76.6   |
| 61        | 48.2  | 38.7  | 58.1   |





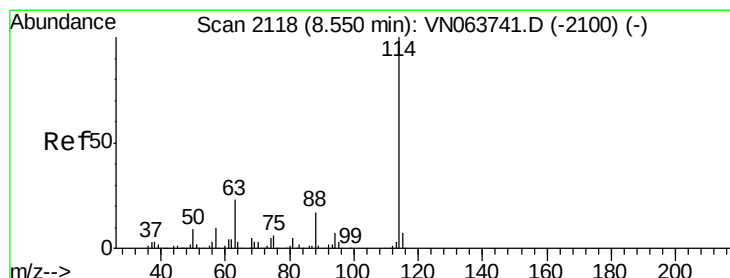
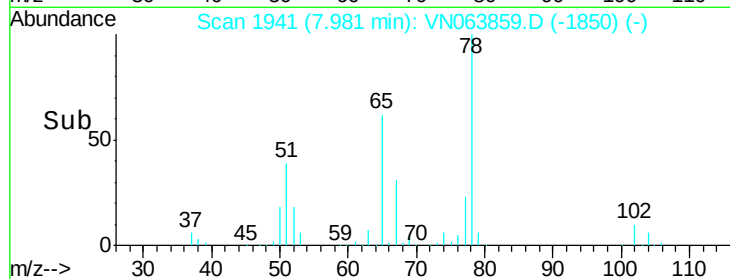
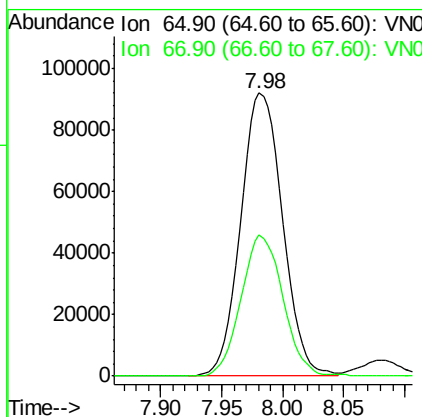
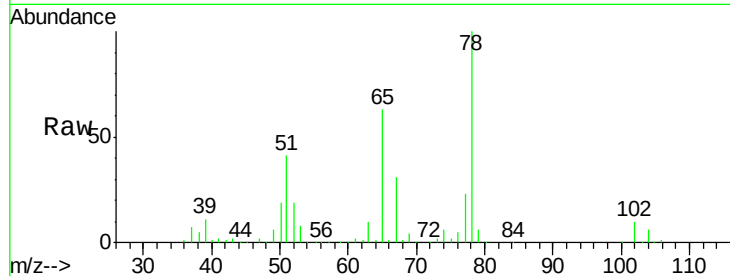
#33  
 1,2-Dichloroethane-d4  
 Concen: 46.731 ug/l  
 RT: 7.98 min Scan# 1941  
 Delta R.T. -0.01 min  
 Lab File: VN063859.D  
 Acq: 5 Oct 2020 10:19

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 218635 |       |       |
| 67      | 49.8  | 0.0    | 99.6  |       |

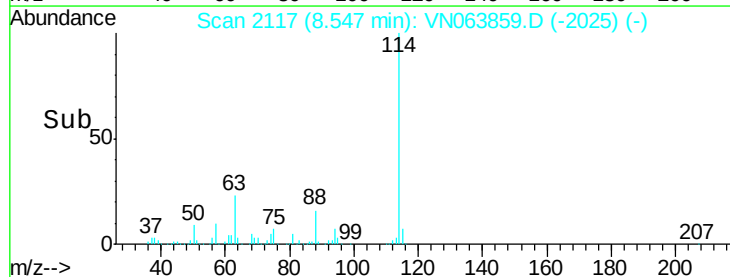
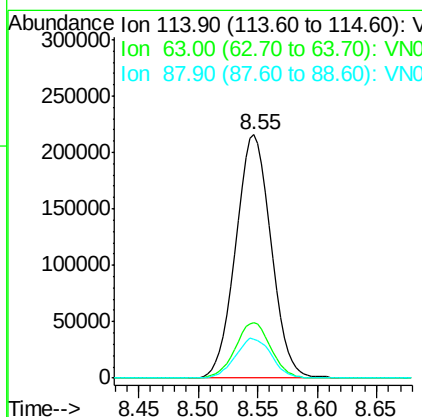
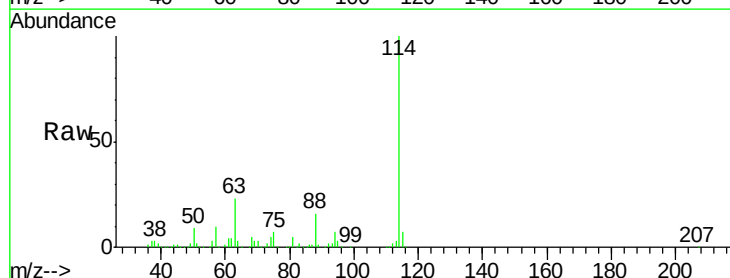
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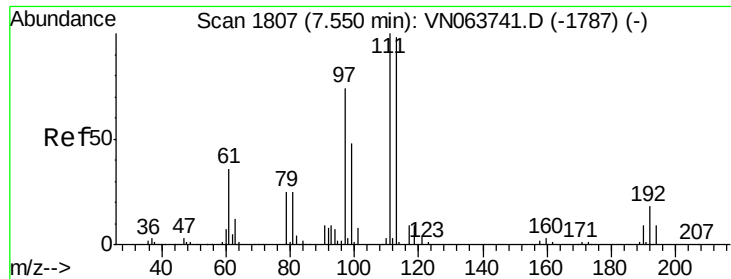
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2117  
 Delta R.T. -0.00 min  
 Lab File: VN063859.D  
 Acq: 5 Oct 2020 10:19

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 445961 |       |       |
| 63      | 22.8  | 0.0    | 45.0  |       |
| 88      | 16.1  | 0.0    | 34.0  |       |





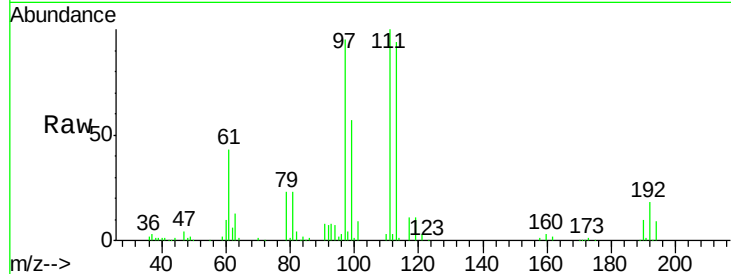
#35  
 Dibromofluoromethane  
 Concen: 49.601 ug/l  
 RT: 7.54 min Scan# 1805  
 Delta R.T. -0.01 min  
 Lab File: VN063859.D  
 Acq: 5 Oct 2020 10:19

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 153485 |       |       |
| 111     | 101.1 | 81.8   | 122.8 |       |
| 192     | 18.0  | 14.2   | 21.2  |       |

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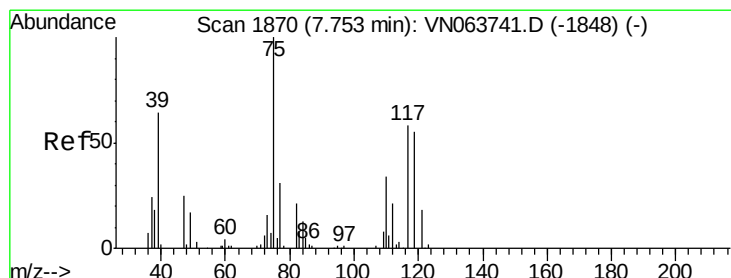
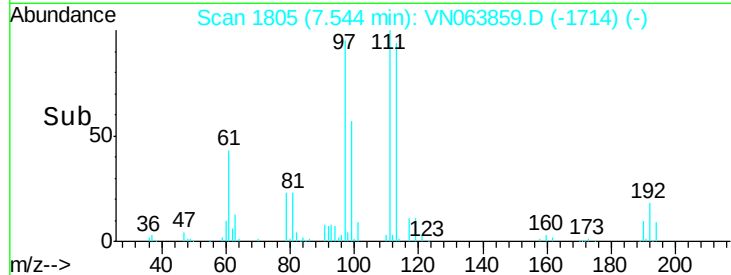
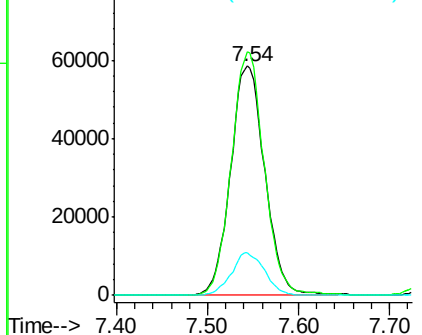


Abundance

Ion 112.80 (112.50 to 113.50): V

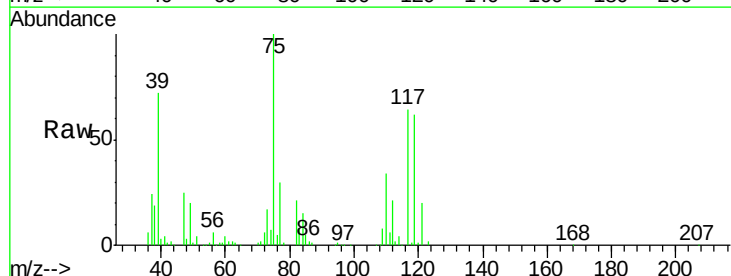
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36  
 1,1-Dichloropropene  
 Concen: 50.712 ug/l  
 RT: 7.75 min Scan# 1868  
 Delta R.T. -0.01 min  
 Lab File: VN063859.D  
 Acq: 5 Oct 2020 10:19

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 229116 |       |       |
| 110     | 33.7  | 16.9   | 50.6  |       |
| 77      | 30.2  | 24.5   | 36.7  |       |

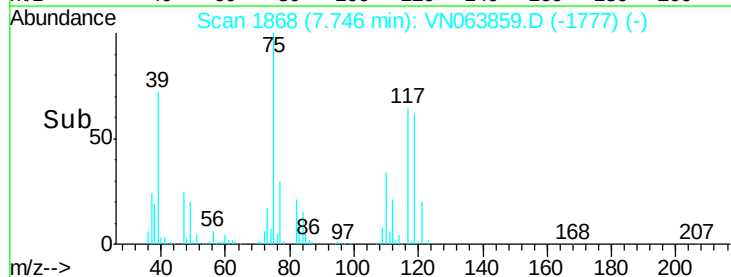
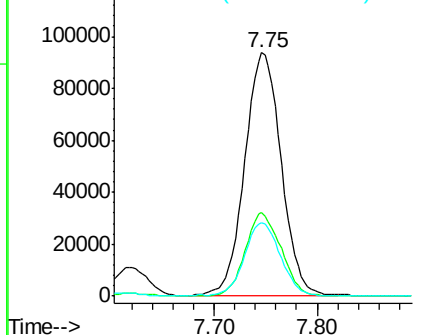


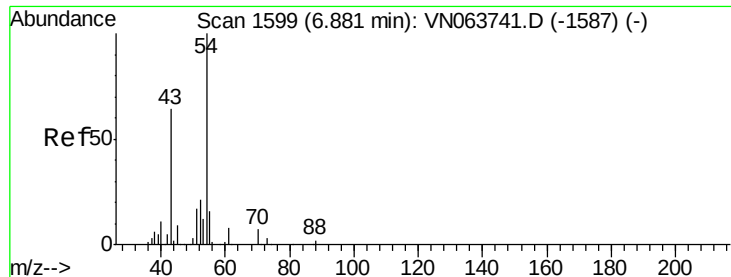
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





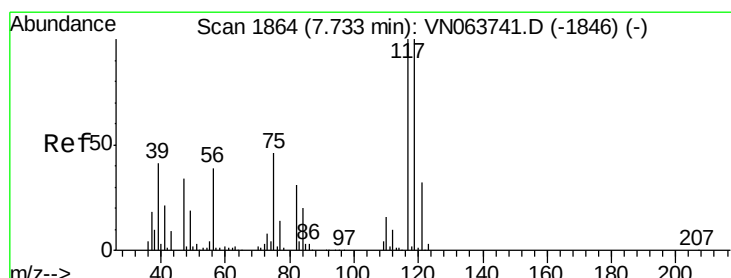
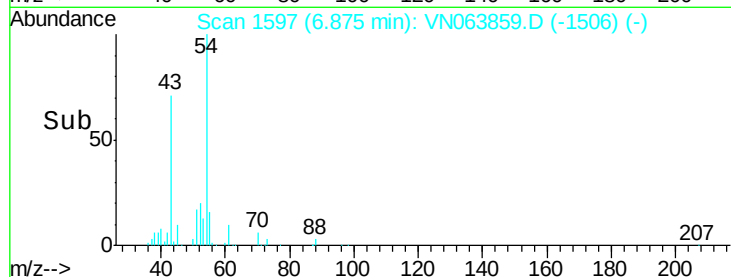
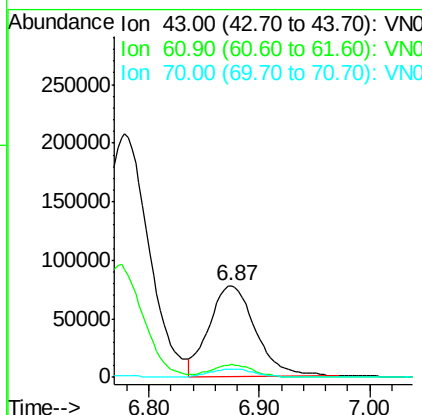
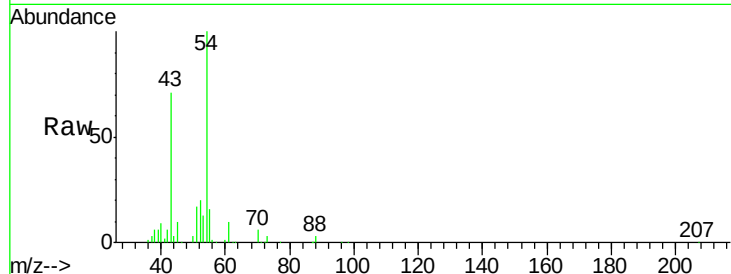
#37  
Ethyl Acetate  
Concen: 50.176 ug/l  
RT: 6.87 min Scan# 1597  
Delta R.T. -0.01 min  
Lab File: VN063859.D  
Acq: 5 Oct 2020 10:19

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 12.9  | 10.4  | 15.6  |
| 70      | 9.2   | 7.3   | 10.9  |

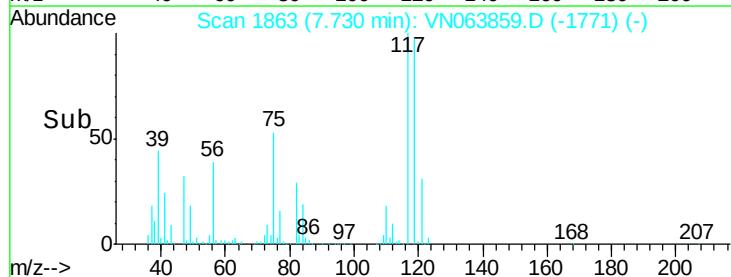
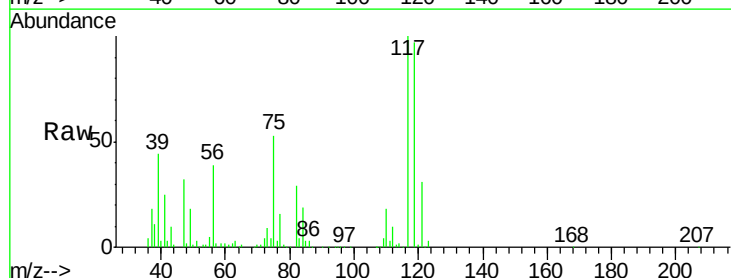
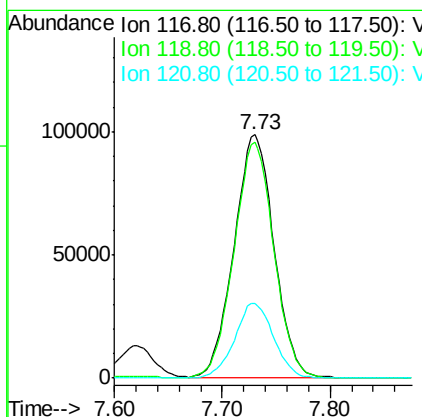
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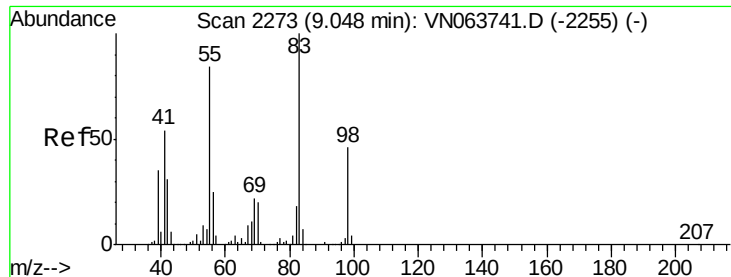


#38  
Carbon Tetrachloride  
Concen: 49.927 ug/l  
RT: 7.73 min Scan# 1863  
Delta R.T. -0.00 min  
Lab File: VN063859.D  
Acq: 5 Oct 2020 10:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 97.0  | 80.1  | 120.1 |
| 121     | 30.7  | 25.7  | 38.5  |







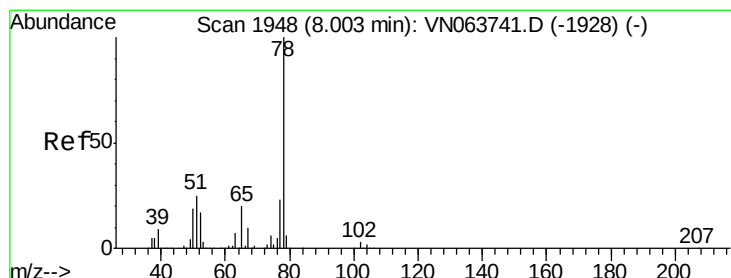
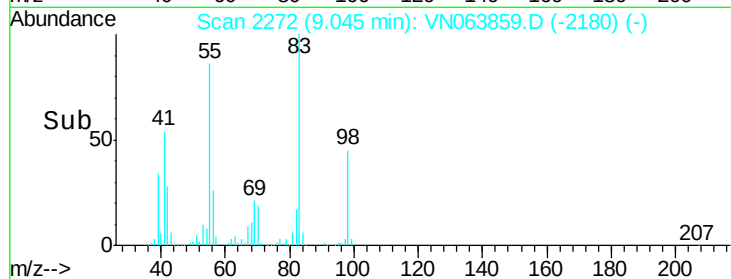
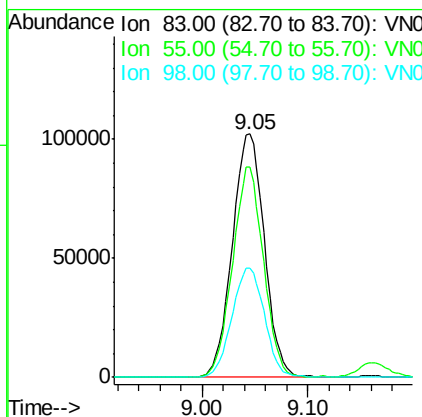
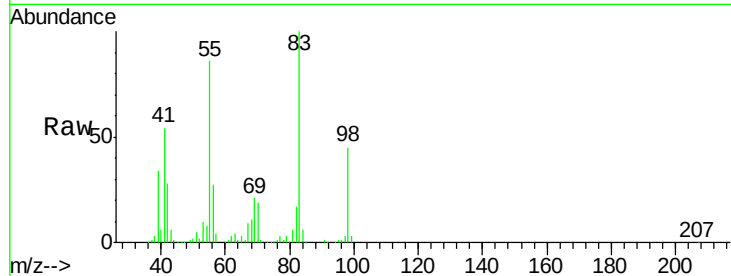
#39  
Methylvlcyclohexane  
Concen: 47.955 ug/l  
RT: 9.05 min Scan# 2272  
Delta R.T. -0.00 min  
Lab File: VN063859.D  
Acq: 5 Oct 2020 10:19

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 86.4  | 67.1  | 100.7 |
| 98      | 45.0  | 36.6  | 54.8  |

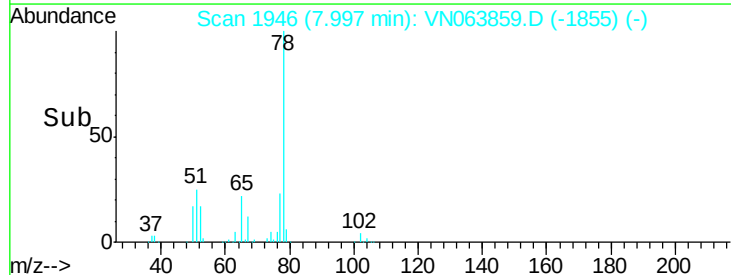
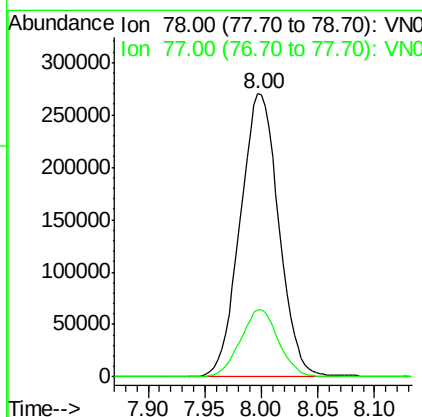
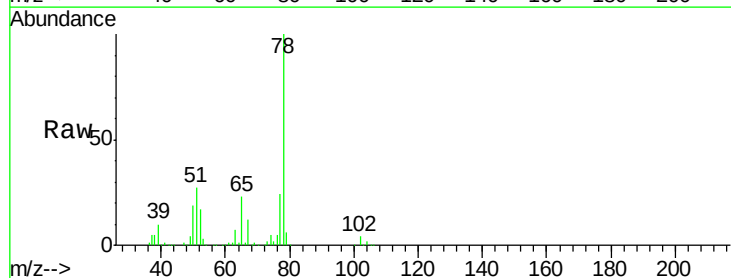
Manual Integrations  
APPROVED

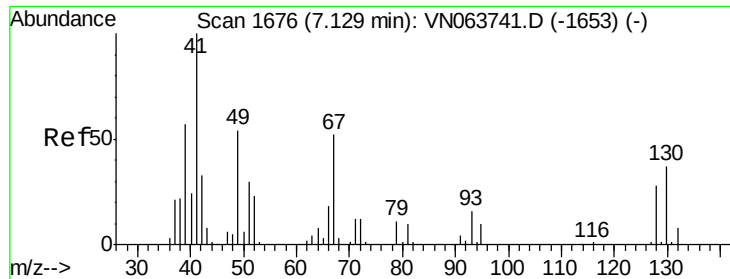
MMDadoda  
10/6/2020 12:56:31 PM



#40  
Benzene  
Concen: 49.706 ug/l  
RT: 8.00 min Scan# 1946  
Delta R.T. -0.01 min  
Lab File: VN063859.D  
Acq: 5 Oct 2020 10:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.8  | 18.7  | 28.1  |





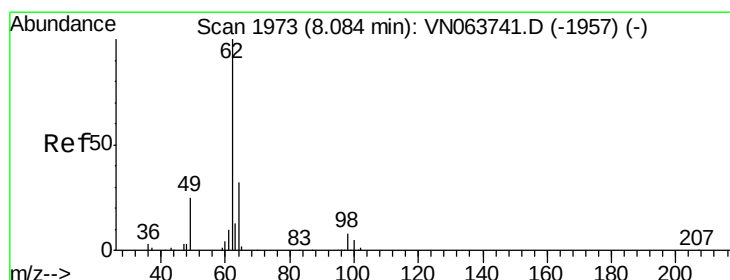
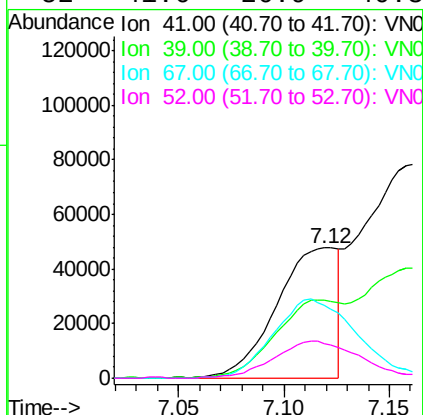
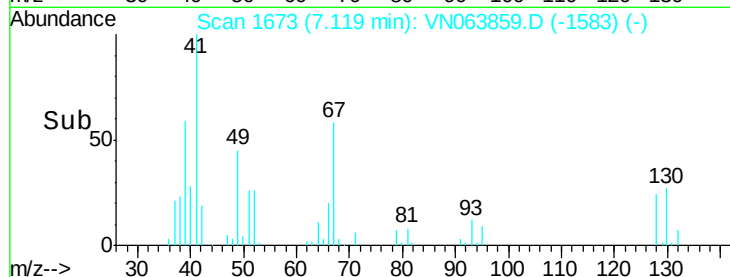
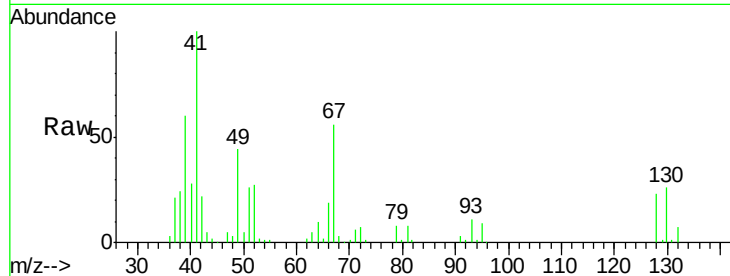
#41  
Methacrylonitrile  
Concen: 48.024 ug/l  
RT: 7.12 min Scan# 1673  
Delta R.T. -0.01 min  
Lab File: VN063859.D  
Acq: 5 Oct 2020 10:19

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 65.5 | 42.5  | 63.7# |       |
| 67      | 84.7 | 57.4  | 86.2  |       |
| 52      | 41.6 | 26.9  | 40.3# |       |

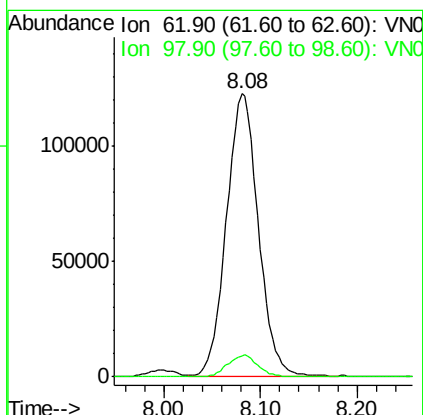
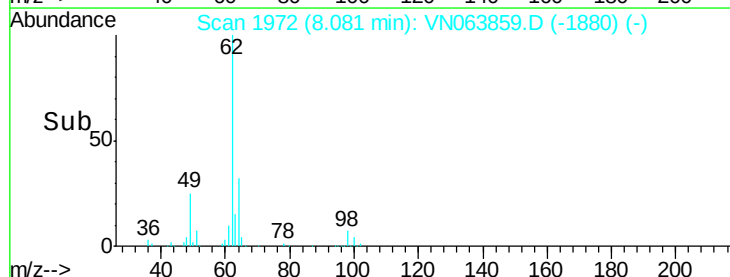
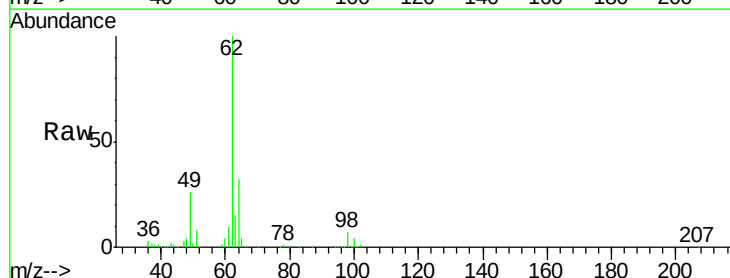
Manual Integrations  
APPROVED

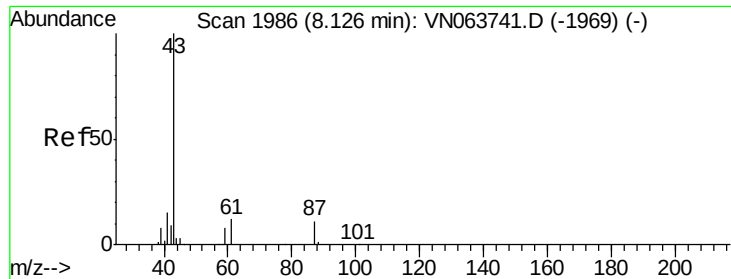
MMDadoda  
10/6/2020 12:56:31 PM



#42  
1,2-Dichloroethane  
Concen: 51.030 ug/l  
RT: 8.08 min Scan# 1972  
Delta R.T. -0.00 min  
Lab File: VN063859.D  
Acq: 5 Oct 2020 10:19

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 62      | 100 |       |       |       |
| 98      | 7.4 | 0.0   | 15.0  |       |





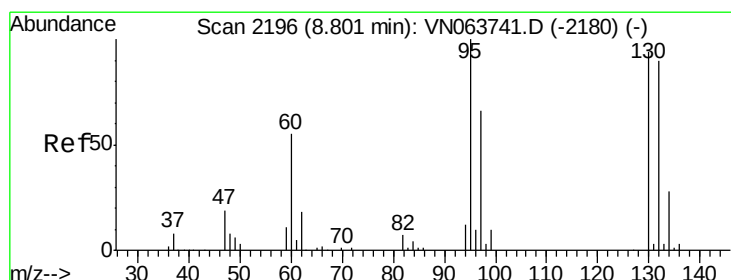
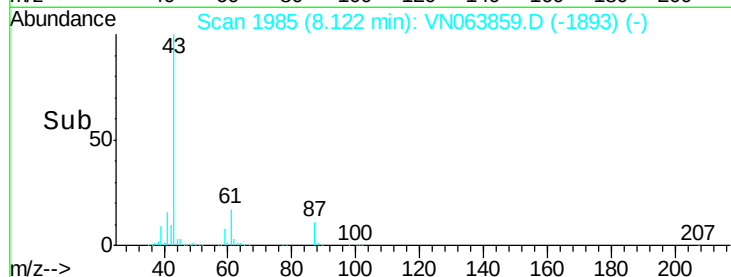
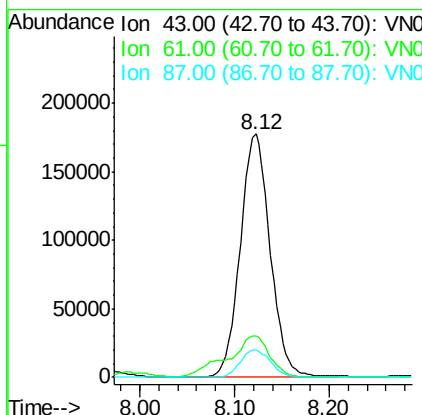
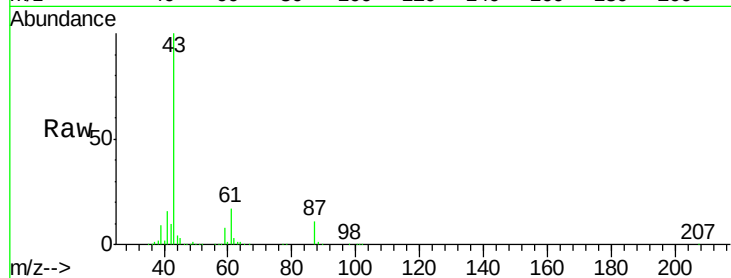
#43  
Isopropyl Acetate  
Concen: 52.531 ug/l  
RT: 8.12 min Scan# 1985  
Delta R.T. -0.00 min  
Lab File: VN063859.D  
Acq: 5 Oct 2020 10:19

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 23.8  | 14.2  | 21.4# |
| 87      | 11.4  | 9.0   | 13.6  |

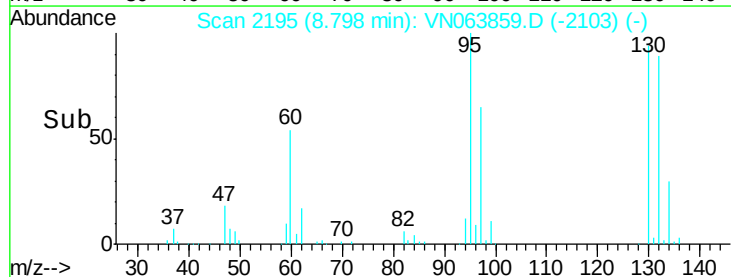
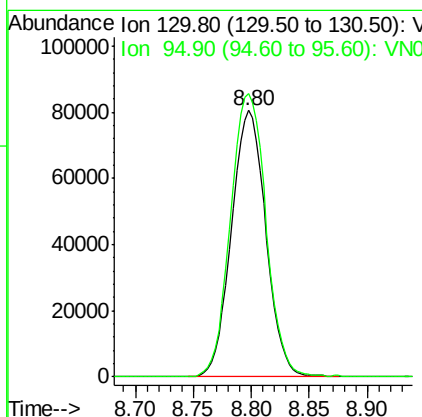
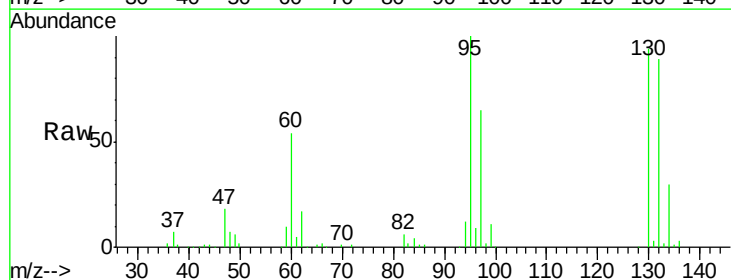
Manual Integrations  
APPROVED

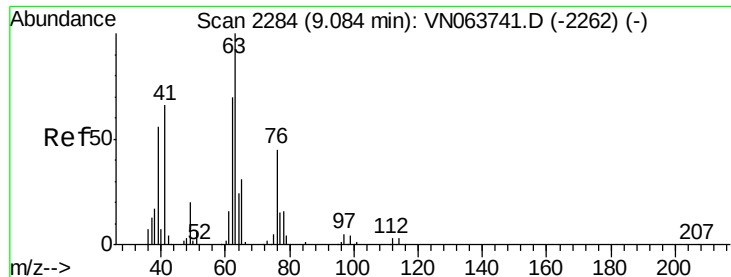
MMDadoda  
10/6/2020 12:56:31 PM



#44  
Trichloroethene  
Concen: 49.060 ug/l  
RT: 8.80 min Scan# 2195  
Delta R.T. -0.00 min  
Lab File: VN063859.D  
Acq: 5 Oct 2020 10:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 106.3 | 0.0   | 213.6 |





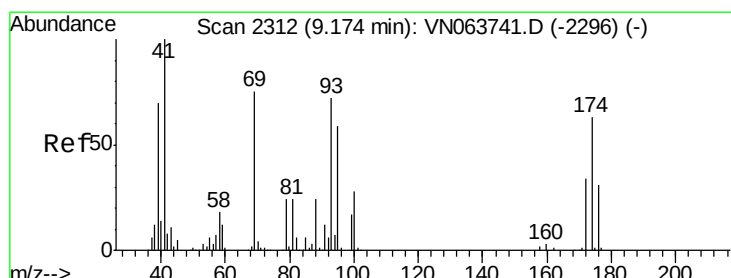
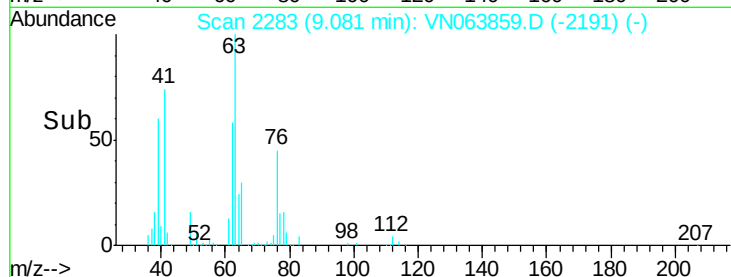
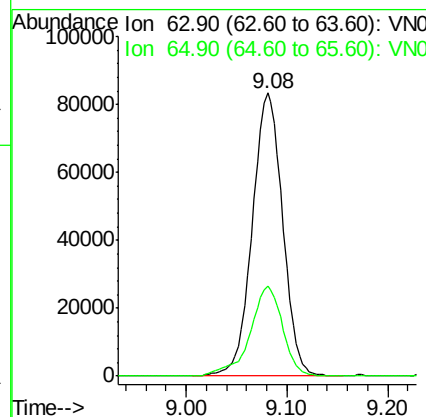
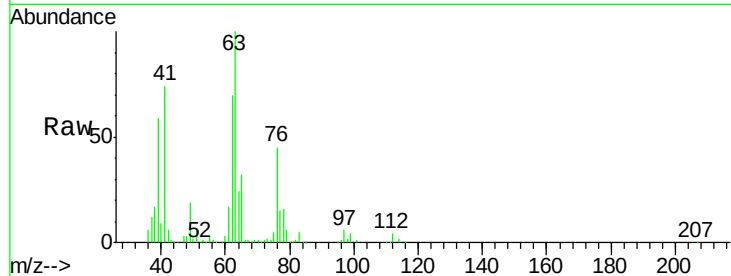
#45  
 1,2-Dichloropropane  
 Concen: 49.796 ug/l  
 RT: 9.08 min Scan# 2283  
 Delta R.T. -0.00 min  
 Lab File: VN063859.D  
 Acq: 5 Oct 2020 10:19

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 63 Resp: 173544  
 Ion Ratio Lower Upper  
 63 100  
 65 31.6 24.7 37.1

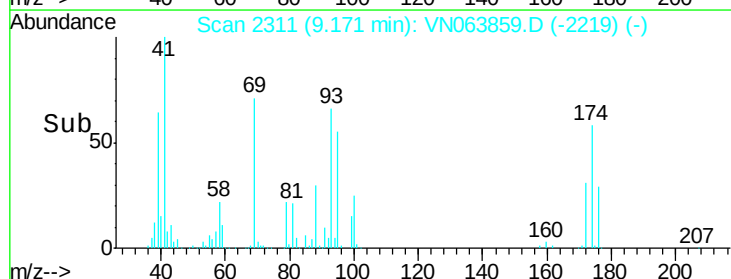
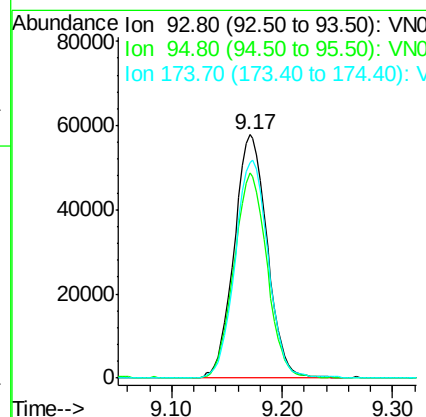
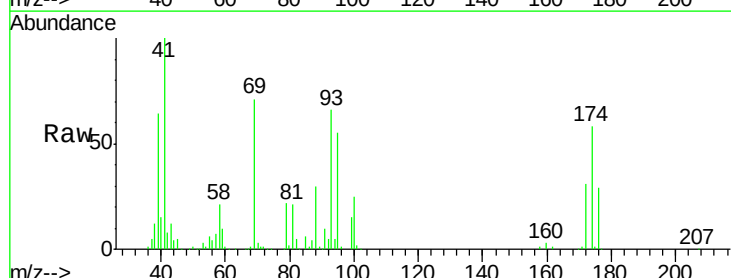
Manual Integrations  
 APPROVED

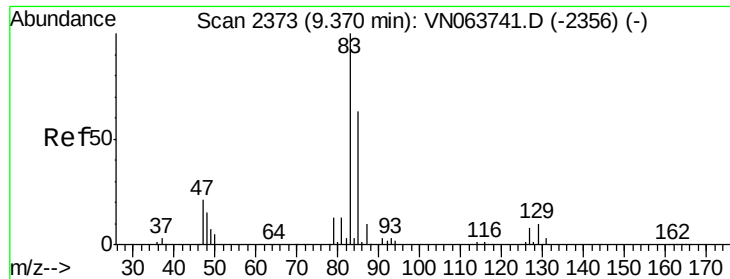
MMDadoda  
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#46  
 Dibromomethane  
 Concen: 49.907 ug/l  
 RT: 9.17 min Scan# 2311  
 Delta R.T. -0.00 min  
 Lab File: VN063859.D  
 Acq: 5 Oct 2020 10:19

Tgt Ion: 93 Resp: 119987  
 Ion Ratio Lower Upper  
 93 100  
 95 84.0 66.3 99.5  
 174 89.5 72.7 109.1





#47

Bromodichloromethane

Concen: 52.144 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN063859.D

Acq: 5 Oct 2020 10:19

Instrument :

MSVOA\_N

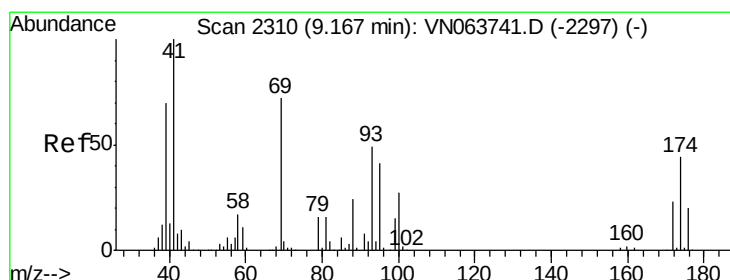
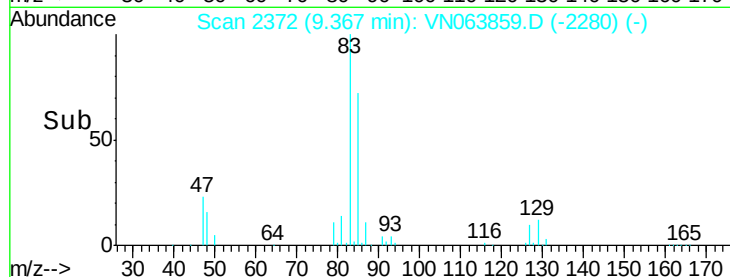
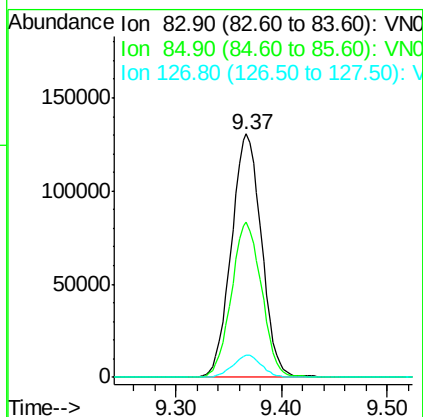
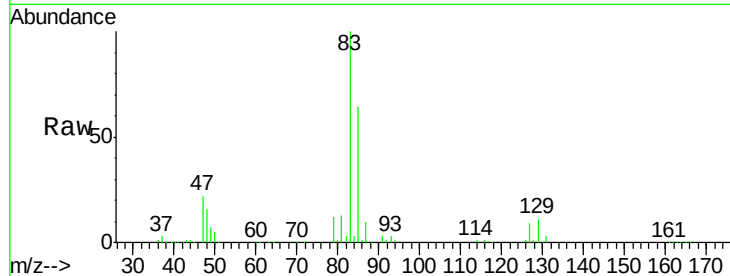
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 258370 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 63.5  | 50.6  | 75.8   |
| 127       | 9.0   | 6.6   | 9.8    |

Manual Integrations  
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#48

Methyl methacrylate

Concen: 55.040 ug/l

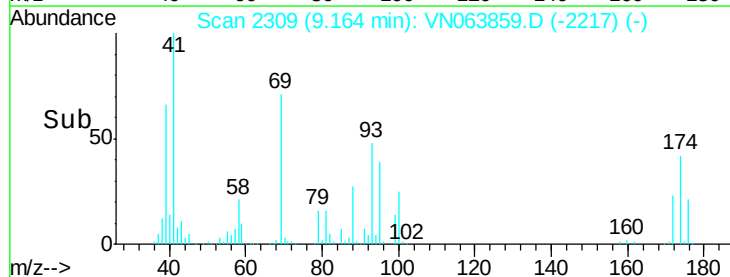
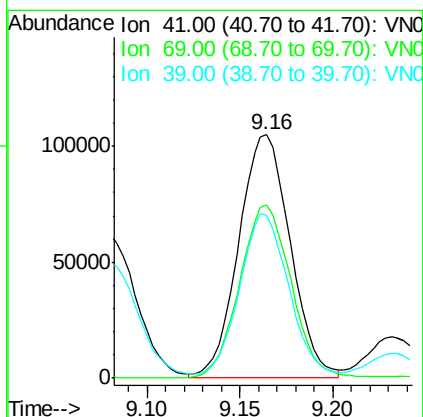
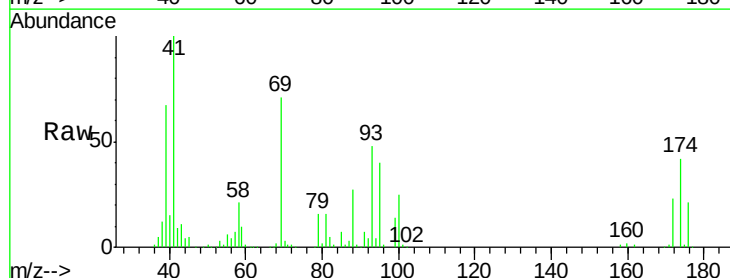
RT: 9.16 min Scan# 2309

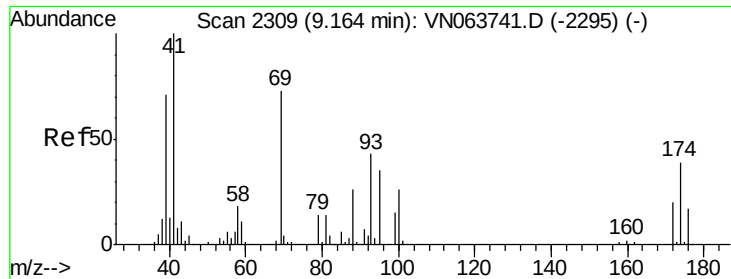
Delta R.T. -0.00 min

Lab File: VN063859.D

Acq: 5 Oct 2020 10:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 201337 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 72.1  | 60.9  | 91.3   |
| 39        | 65.1  | 57.5  | 86.3   |





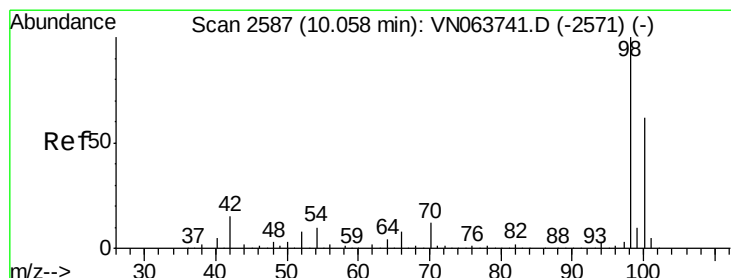
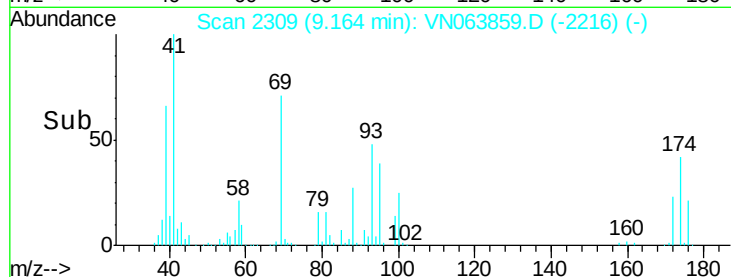
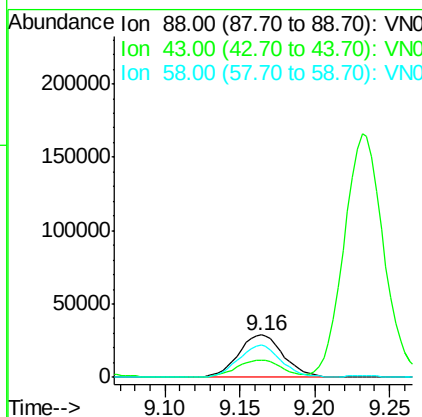
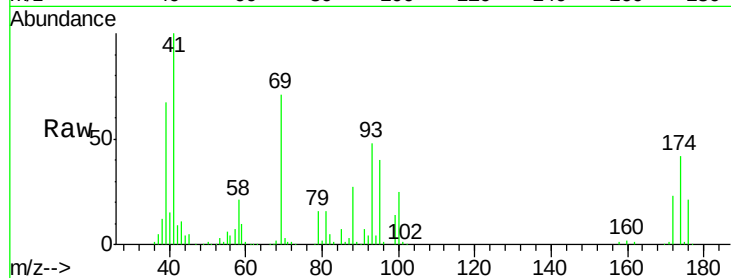
#49  
1,4-Dioxane  
Concen: 1162.490 ug/l  
RT: 9.16 min Scan# 2309  
Delta R.T. 0.00 min  
Lab File: VN063859.D  
Acq: 5 Oct 2020 10:19

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 39.7  | 33.1  | 49.7  |
| 58      | 73.0  | 58.9  | 88.3  |

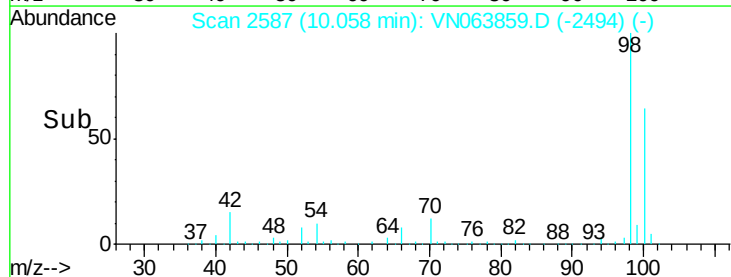
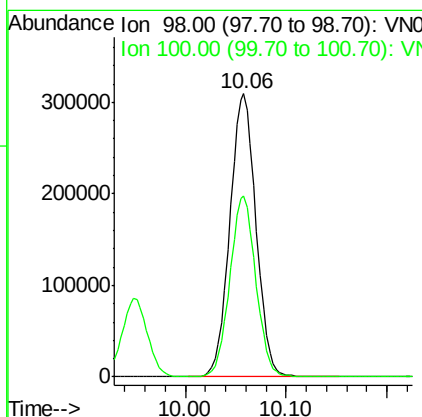
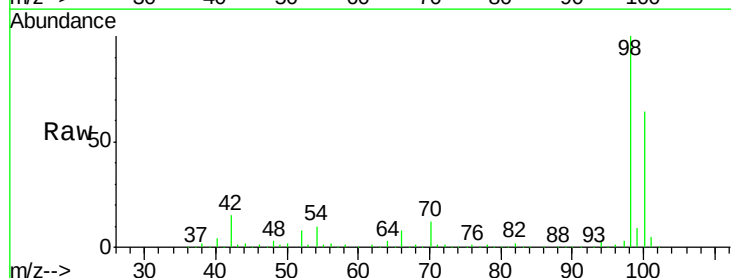
Manual Integrations  
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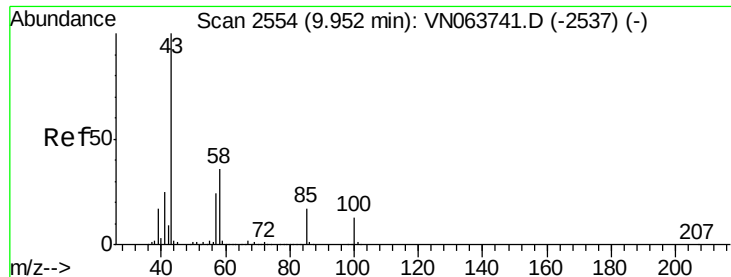
MMDadoda  
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#50  
Toluene-d8  
Concen: 47.627 ug/l  
RT: 10.06 min Scan# 2587  
Delta R.T. 0.00 min  
Lab File: VN063859.D  
Acq: 5 Oct 2020 10:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 63.2  | 49.8  | 74.6  |





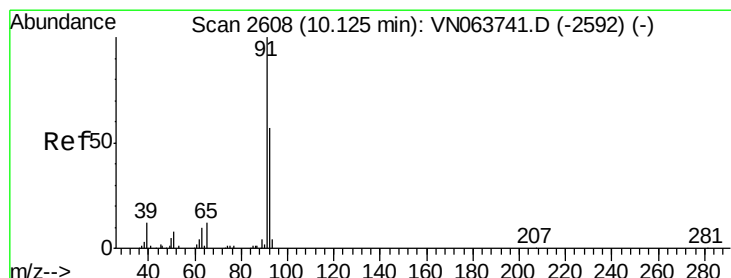
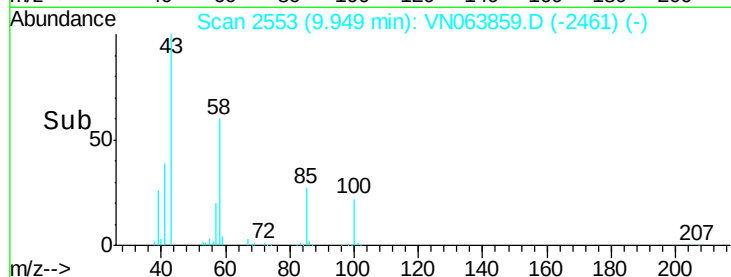
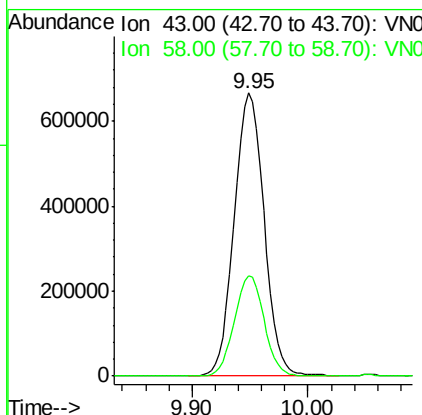
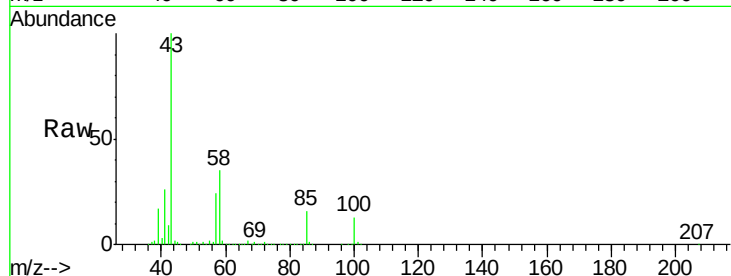
#51  
4-Methyl-2-Pentanone  
Concen: 274.493 ug/l  
RT: 9.95 min Scan# 2553  
Delta R.T. -0.00 min  
Lab File: VN063859.D  
Acq: 5 Oct 2020 10:19

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 1192662  
Ion Ratio Lower Upper  
43 100  
58 35.4 28.4 42.6

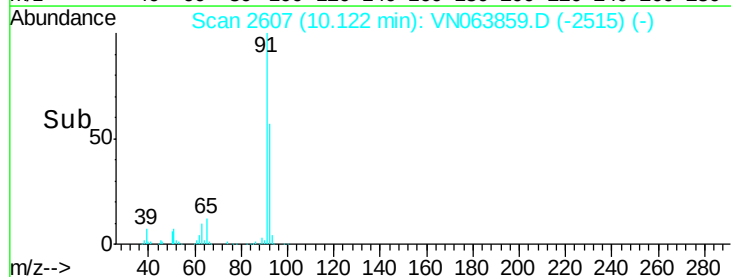
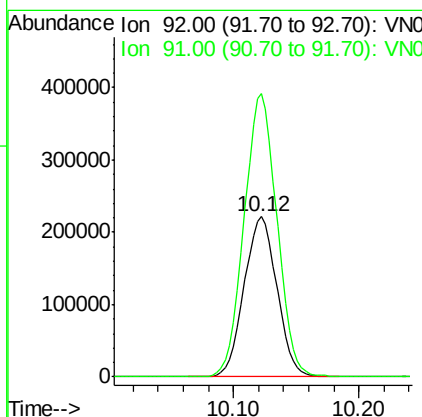
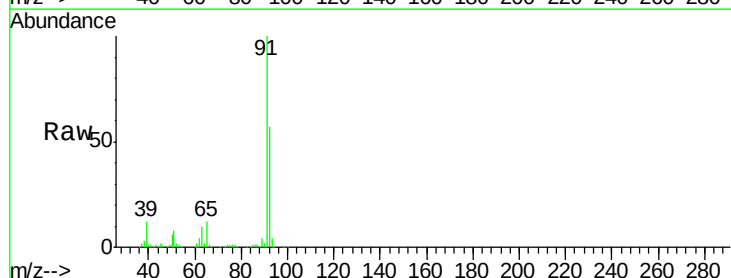
Manual Integrations  
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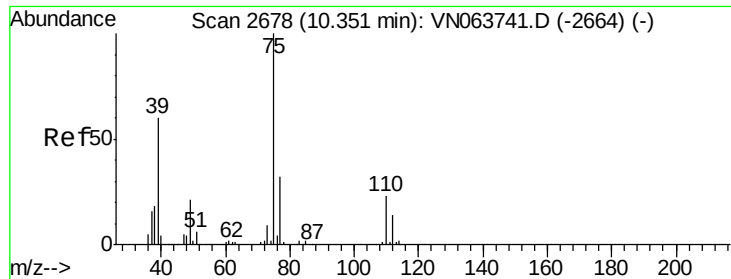
MMDadoda  
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#52  
Toluene  
Concen: 50.665 ug/l  
RT: 10.12 min Scan# 2607  
Delta R.T. -0.00 min  
Lab File: VN063859.D  
Acq: 5 Oct 2020 10:19

Tgt Ion: 92 Resp: 404410  
Ion Ratio Lower Upper  
92 100  
91 176.5 140.6 210.8





#53

t-1,3-Dichloropropene

Concen: 53.681 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN063859.D

Acq: 5 Oct 2020 10:19

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 285122

Ion Ratio Lower Upper

75 100

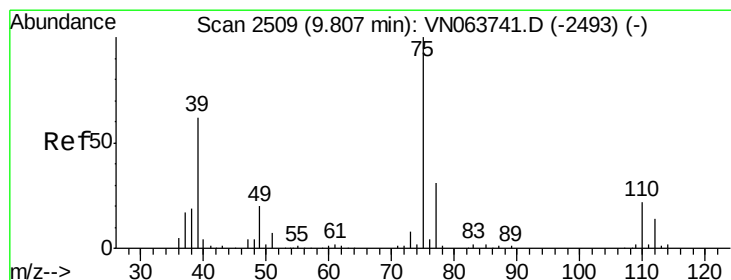
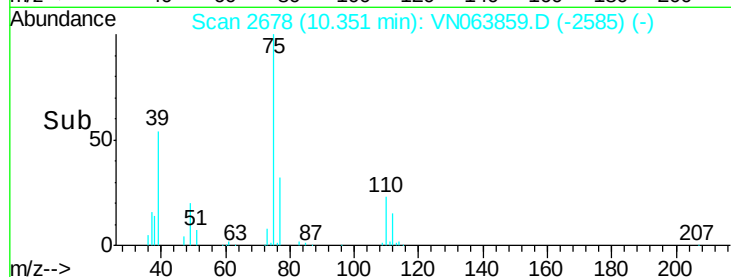
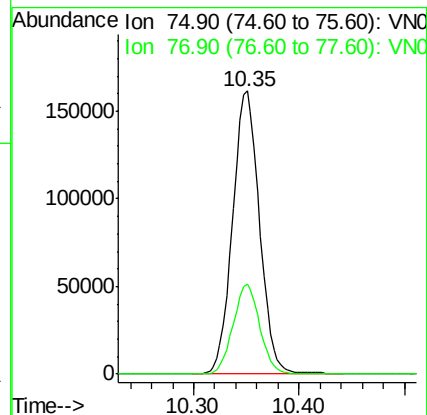
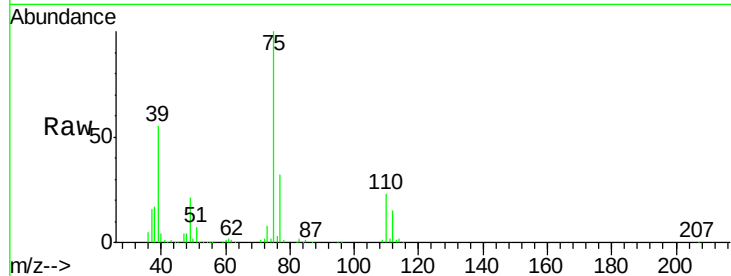
77 31.8 25.3 37.9

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 52.490 ug/l

RT: 9.80 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN063859.D

Acq: 5 Oct 2020 10:19

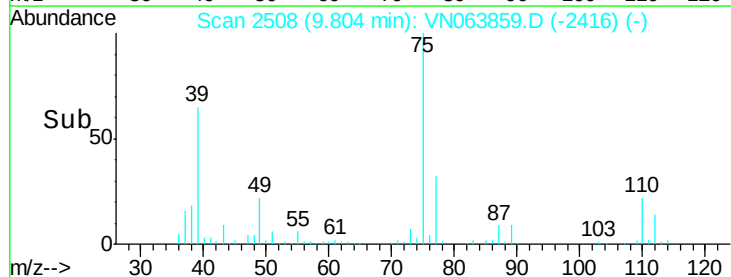
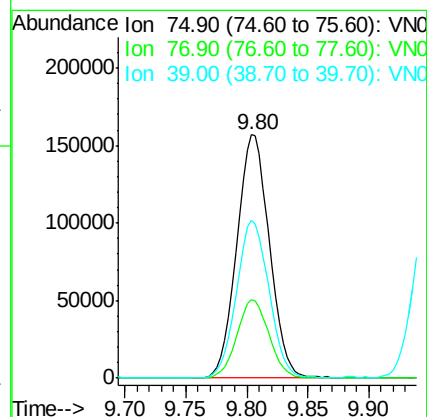
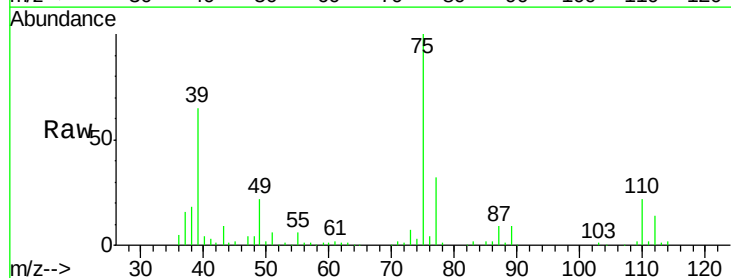
Tgt Ion: 75 Resp: 291570

Ion Ratio Lower Upper

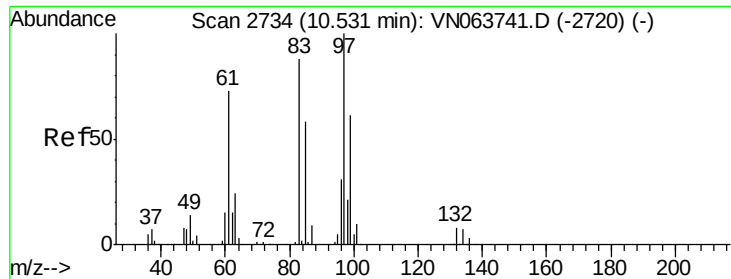
75 100

77 32.3 24.6 36.8

39 64.9 49.7 74.5







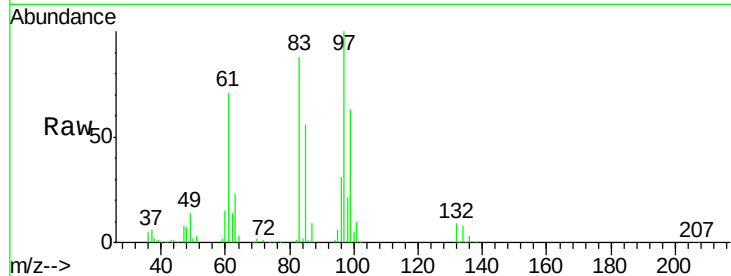
#55  
 1,1,2-Trichloroethane  
 Concen: 51.442 ug/l  
 RT: 10.53 min Scan# 2734  
 Delta R.T. 0.00 min  
 Lab File: VN063859.D  
 Acq: 5 Oct 2020 10:19

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 164667 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 87.7  | 70.7  | 106.1  |
| 85       | 56.4  | 46.1  | 69.1   |
| 99       | 62.8  | 48.8  | 73.2   |

Manual Integrations  
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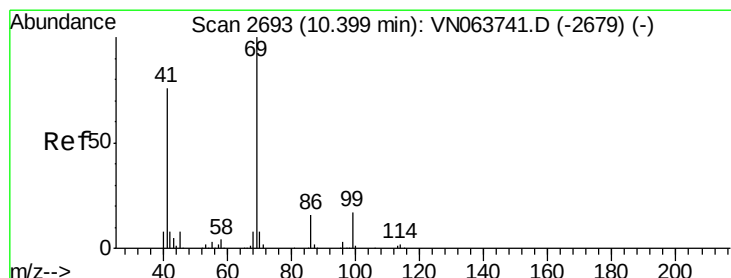
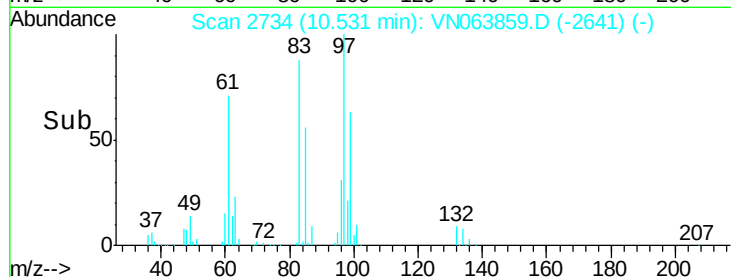
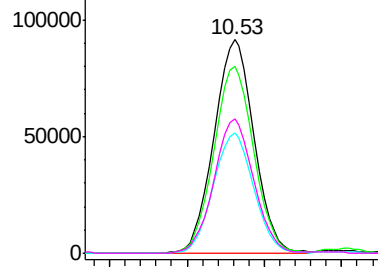


Abundance Ion 96.90 (96.60 to 97.60): VN063859.D (-2641) (-)

Ion 82.90 (82.60 to 83.60): VN063859.D (-2641) (-)

Ion 84.90 (84.60 to 85.60): VN063859.D (-2641) (-)

Ion 98.90 (98.60 to 99.60): VN063859.D (-2641) (-)



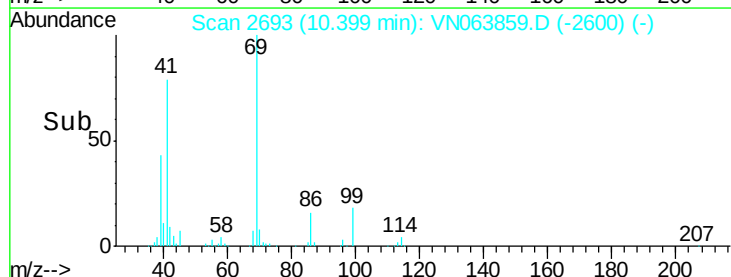
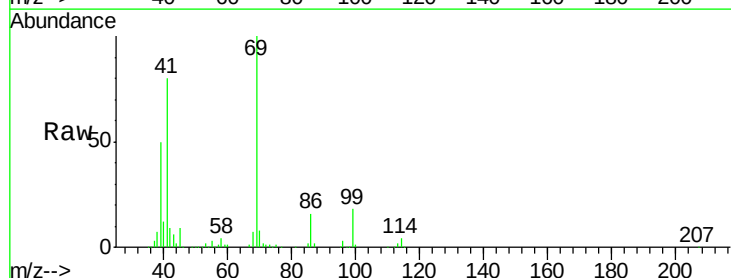
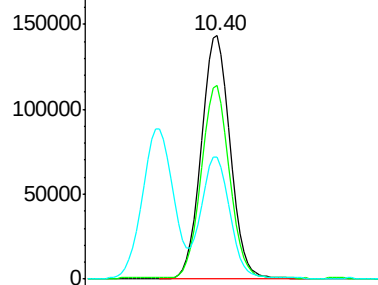
#56  
 Ethyl methacrylate  
 Concen: 53.319 ug/l  
 RT: 10.40 min Scan# 2693  
 Delta R.T. 0.00 min  
 Lab File: VN063859.D  
 Acq: 5 Oct 2020 10:19

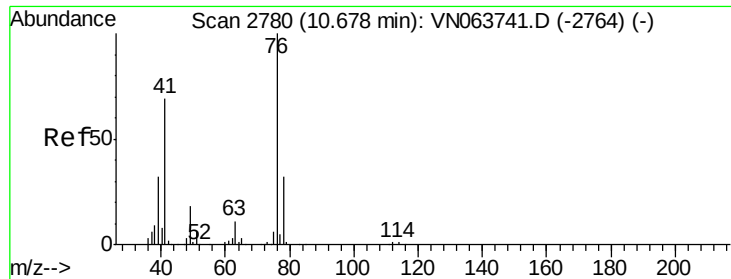
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 241927 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 77.6  | 61.1  | 91.7   |
| 39       | 50.5  | 42.2  | 63.4   |

Abundance Ion 69.00 (68.70 to 69.70): VN063859.D (-2600) (-)

Ion 41.00 (40.70 to 41.70): VN063859.D (-2600) (-)

Ion 39.00 (38.70 to 39.70): VN063859.D (-2600) (-)





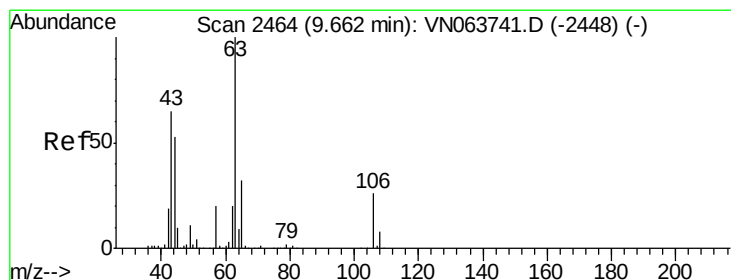
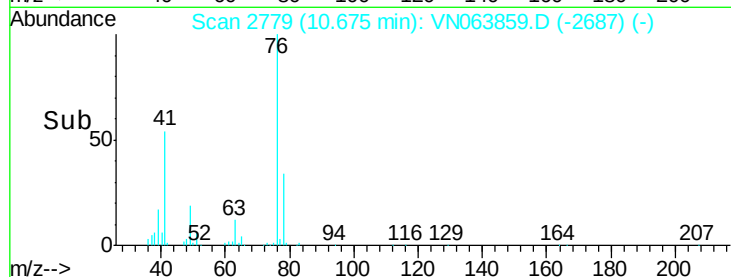
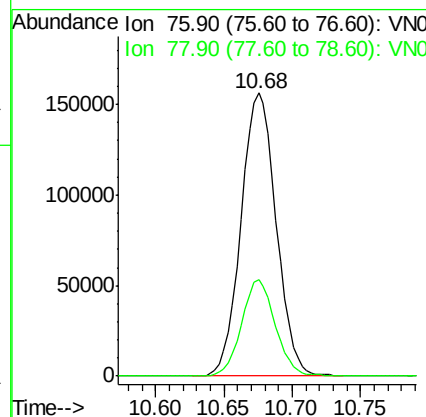
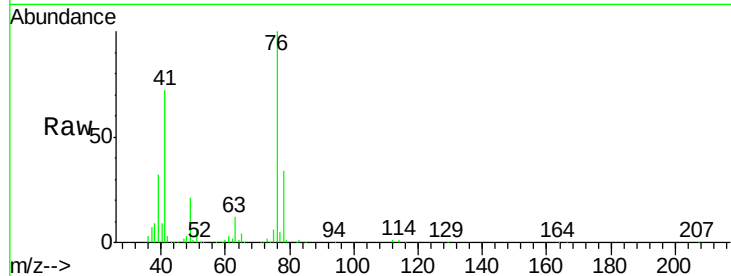
#57  
 1,3-Dichloropropane  
 Concen: 51.644 ug/l  
 RT: 10.68 min Scan# 2779  
 Delta R.T. -0.00 min  
 Lab File: VN063859.D  
 Acq: 5 Oct 2020 10:19

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 76 Resp: 279683  
 Ion Ratio Lower Upper  
 76 100  
 78 32.6 25.2 37.8

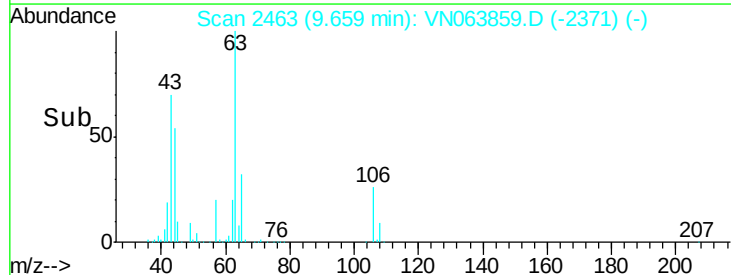
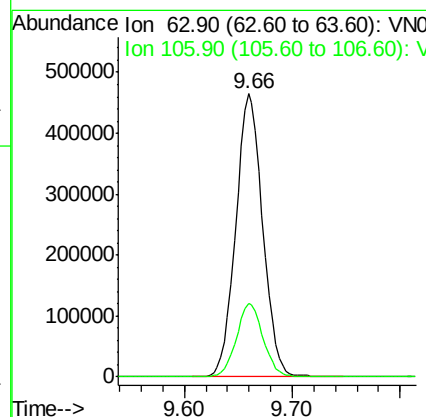
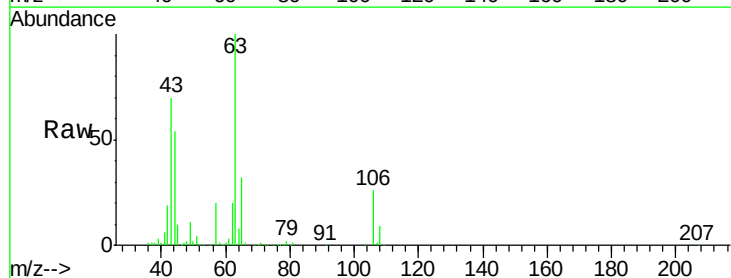
Manual Integrations  
 APPROVED

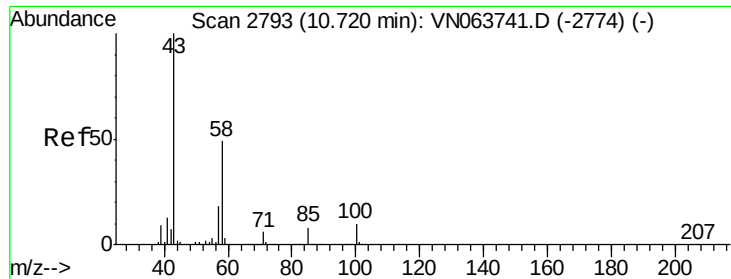
MMDadoda  
 10/6/2020 12:56:31 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 333.089 ug/l  
 RT: 9.66 min Scan# 2463  
 Delta R.T. -0.00 min  
 Lab File: VN063859.D  
 Acq: 5 Oct 2020 10:19

Tgt Ion: 63 Resp: 808430  
 Ion Ratio Lower Upper  
 63 100  
 106 25.7 20.7 31.1





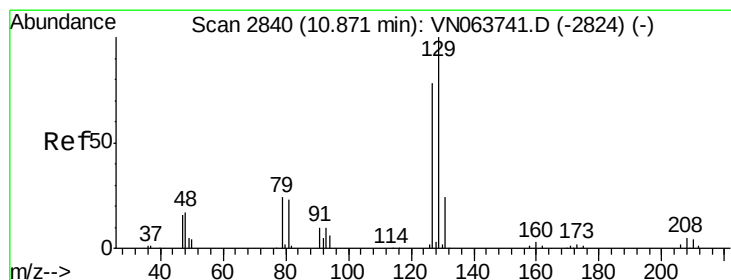
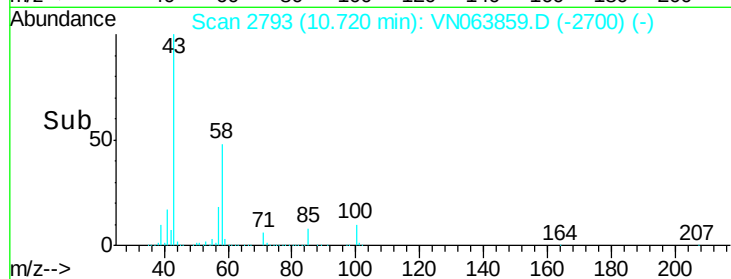
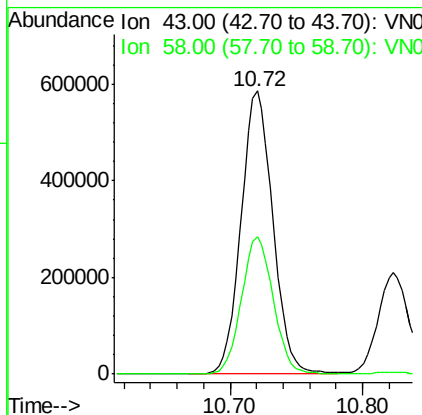
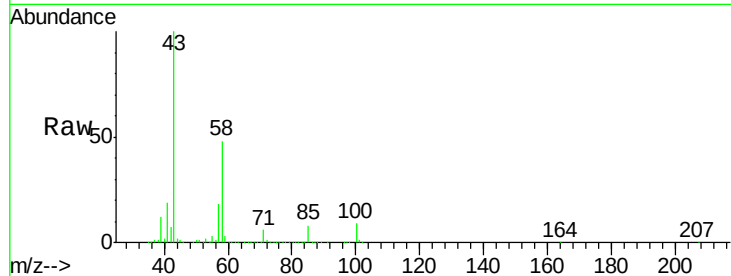
#59  
2-Hexanone  
Concen: 301.490 ug/l  
RT: 10.72 min Scan# 2793  
Delta R.T. 0.00 min  
Lab File: VN063859.D  
Acq: 5 Oct 2020 10:19

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 973125  
Ion Ratio Lower Upper  
43 100  
58 48.6 24.6 73.8

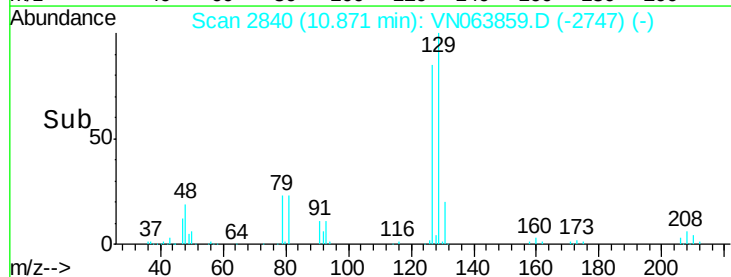
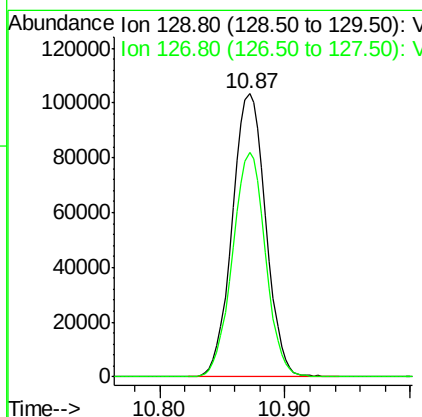
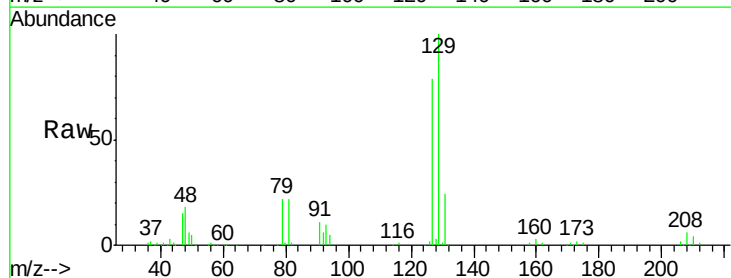
Manual Integrations  
APPROVED

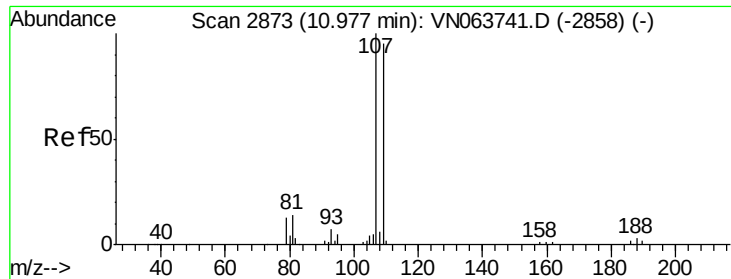
MMDadoda  
10/6/2020 12:56:31 PM



#60  
Dibromochloromethane  
Concen: 51.564 ug/l  
RT: 10.87 min Scan# 2840  
Delta R.T. 0.00 min  
Lab File: VN063859.D  
Acq: 5 Oct 2020 10:19

Tgt Ion: 129 Resp: 192223  
Ion Ratio Lower Upper  
129 100  
127 77.9 38.9 116.7





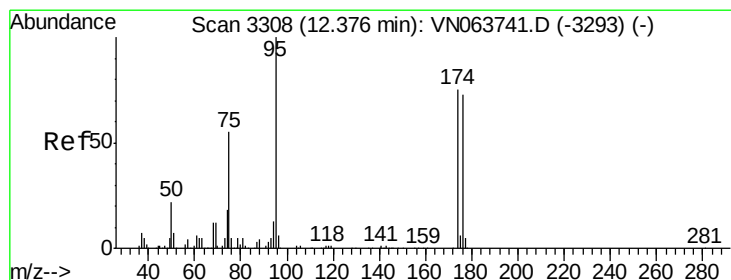
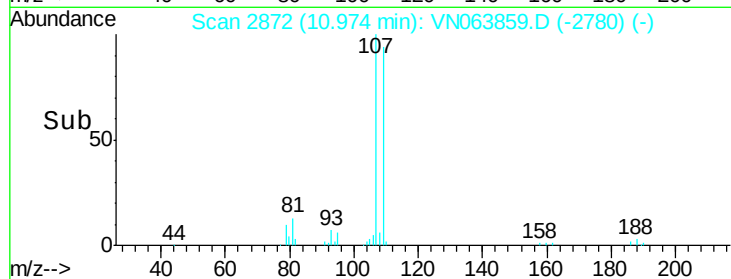
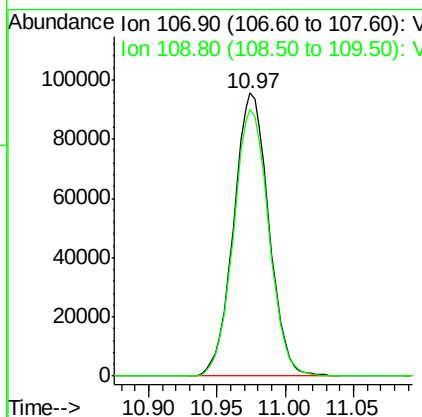
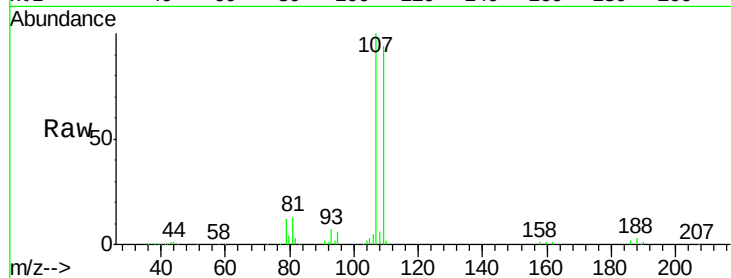
#61  
 1,2-Dibromoethane  
 Concen: 52.156 ug/l  
 RT: 10.97 min Scan# 2872  
 Delta R.T. -0.00 min  
 Lab File: VN063859.D  
 Acq: 5 Oct 2020 10:19

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 94.8  | 74.8  | 112.2 |

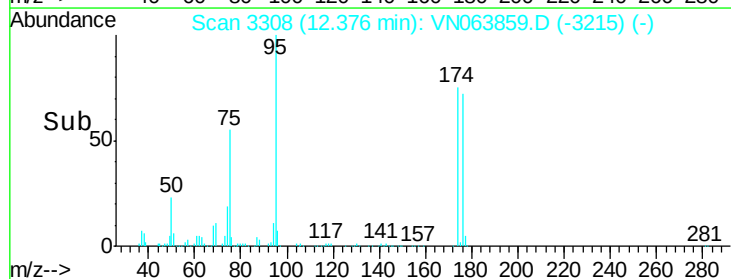
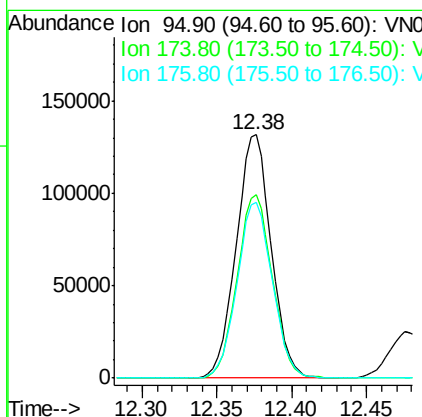
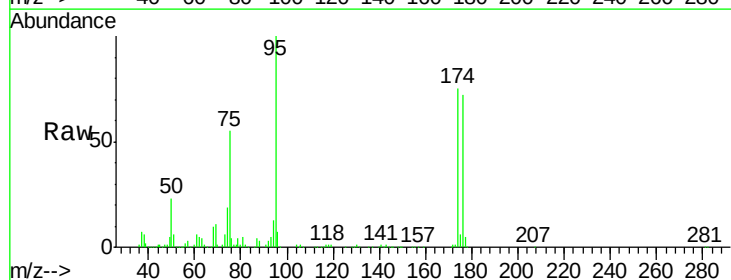
Manual Integrations  
 APPROVED

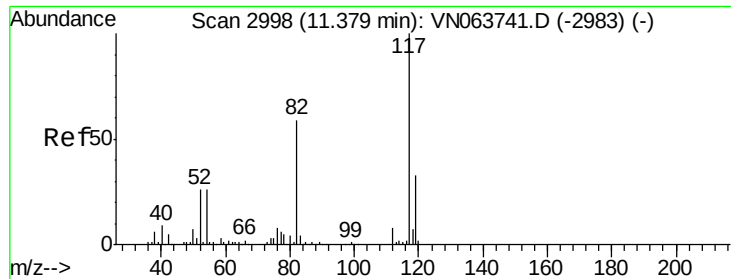
MMDadoda  
 10/6/2020 12:56:31 PM



#62  
 4-Bromofluorobenzene  
 Concen: 48.534 ug/l  
 RT: 12.38 min Scan# 3308  
 Delta R.T. 0.00 min  
 Lab File: VN063859.D  
 Acq: 5 Oct 2020 10:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 75.9  | 0.0   | 150.6 |
| 176     | 73.1  | 0.0   | 145.4 |





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2997

Delta R.T. -0.00 min

Lab File: VN063859.D

Acq: 5 Oct 2020 10:19

Instrument :

MSVOA\_N

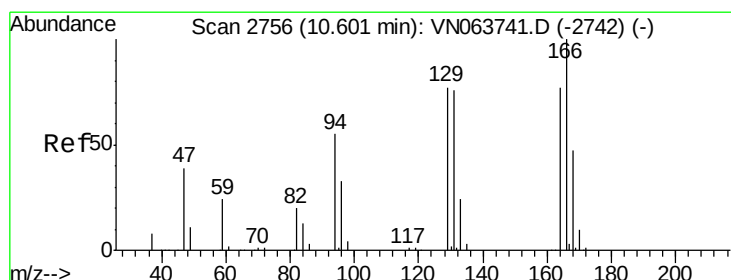
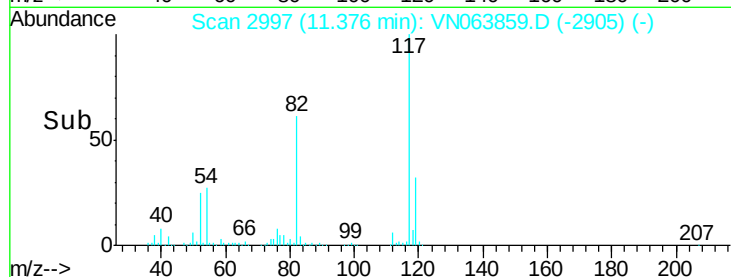
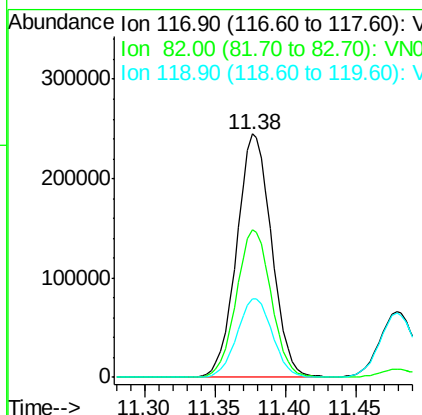
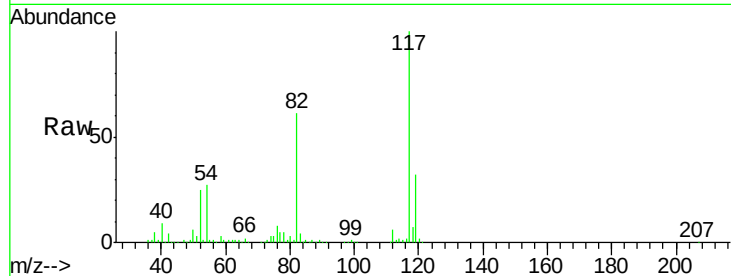
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 117   | Resp: | 424173 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 82        | 60.5  | 47.4  | 71.2   |
| 119       | 32.2  | 26.4  | 39.6   |

Manual Integrations  
APPROVED

MMDadoda  
10/6/2020 12:56:31 PM



#64

Tetrachloroethene

Concen: 47.950 ug/l

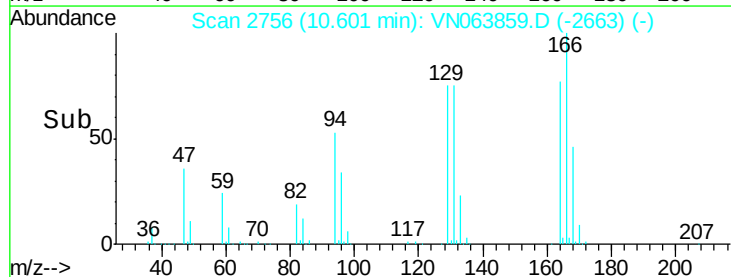
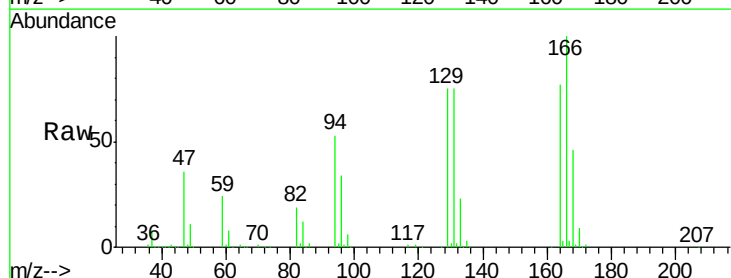
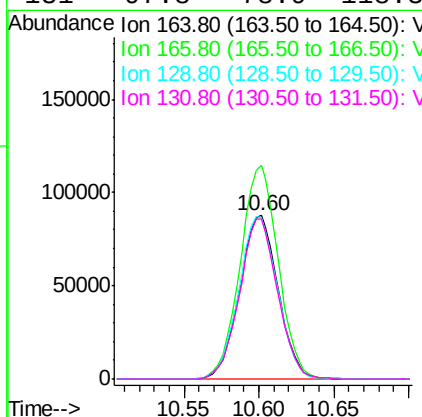
RT: 10.60 min Scan# 2756

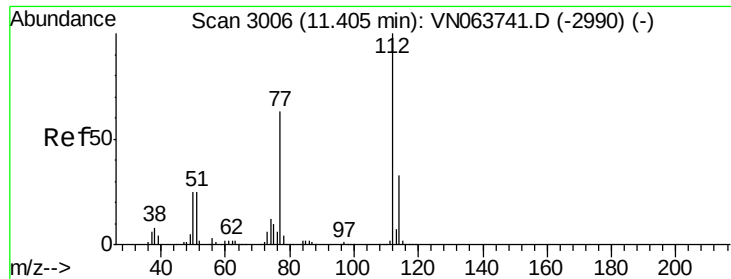
Delta R.T. 0.00 min

Lab File: VN063859.D

Acq: 5 Oct 2020 10:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 164   | Resp: | 157357 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 166       | 130.6 | 103.9 | 155.9  |
| 129       | 98.3  | 80.3  | 120.5  |
| 131       | 97.8  | 78.9  | 118.3  |





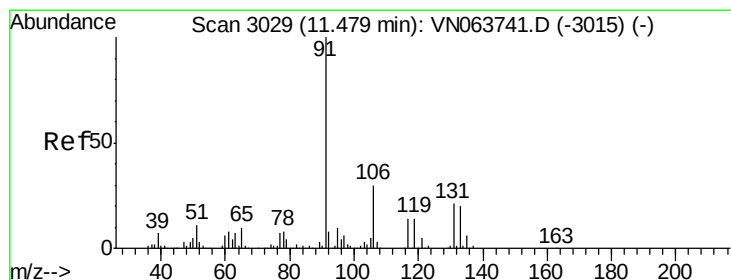
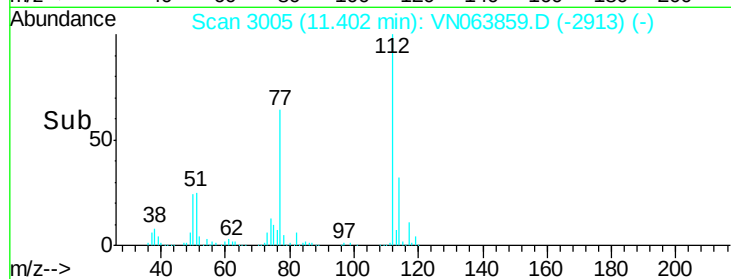
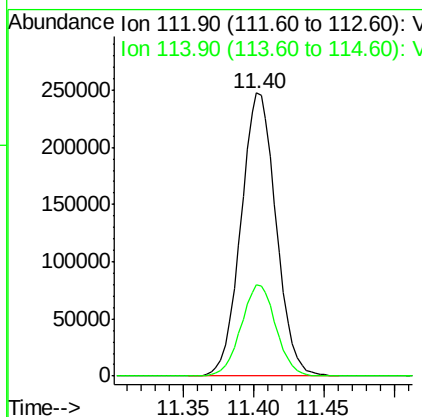
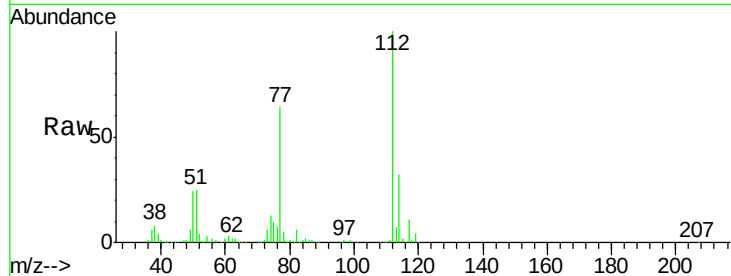
#65  
Chlorobenzene  
Concen: 49.626 ug/l  
RT: 11.40 min Scan# 3005  
Delta R.T. -0.00 min  
Lab File: VN063859.D  
Acq: 5 Oct 2020 10:19

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 32.1  | 26.1  | 39.1  |

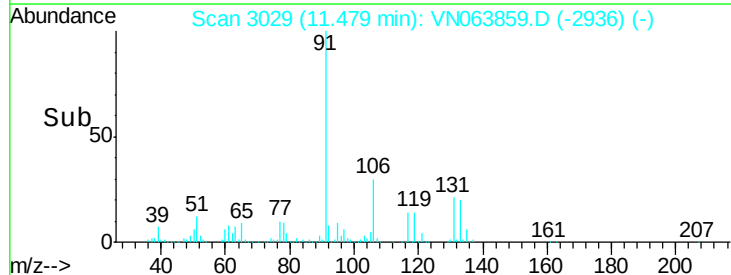
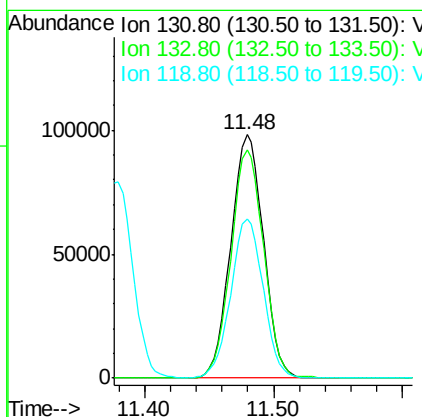
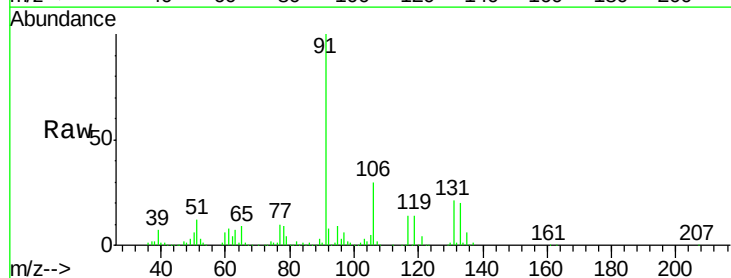
Manual Integrations  
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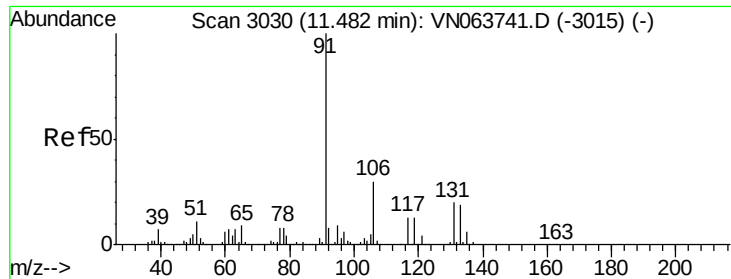
MMDadoda  
10/6/2020 12:56:31 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.771 ug/l  
RT: 11.48 min Scan# 3029  
Delta R.T. 0.00 min  
Lab File: VN063859.D  
Acq: 5 Oct 2020 10:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 94.2  | 47.3  | 141.8 |
| 119     | 65.3  | 32.6  | 97.7  |





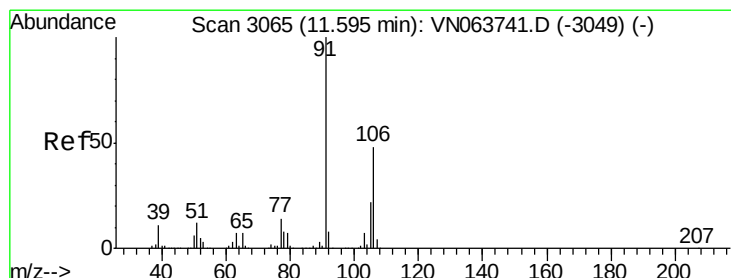
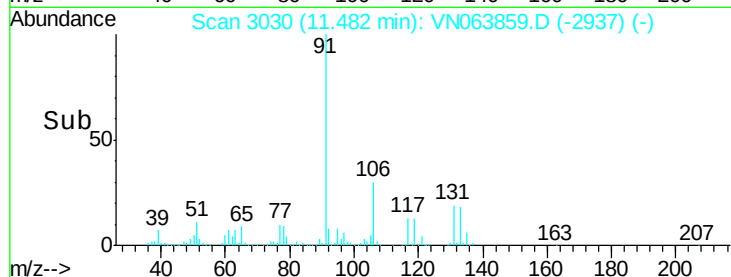
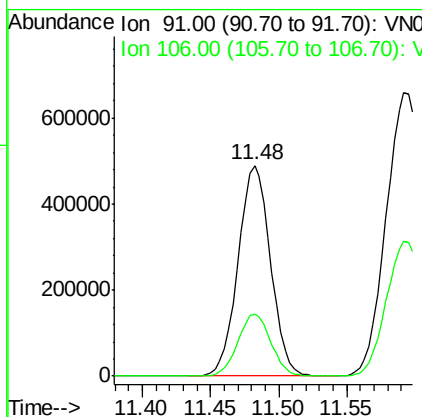
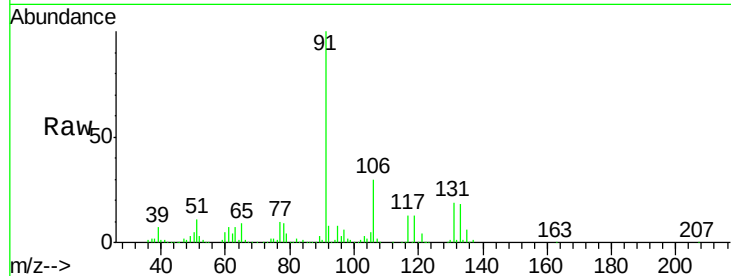
#67  
Ethyl Benzene  
Concen: 51.038 ug/l  
RT: 11.48 min Scan# 3030  
Delta R.T. 0.00 min  
Lab File: VN063859.D  
Acq: 5 Oct 2020 10:19

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC050

Tot Ion: 91 Resp: 808077  
Ion Ratio Lower Upper  
91 100  
106 29.6 24.2 36.2

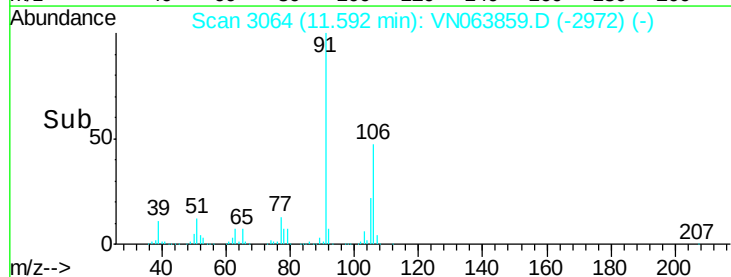
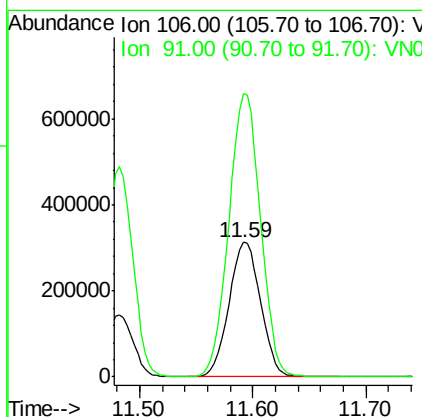
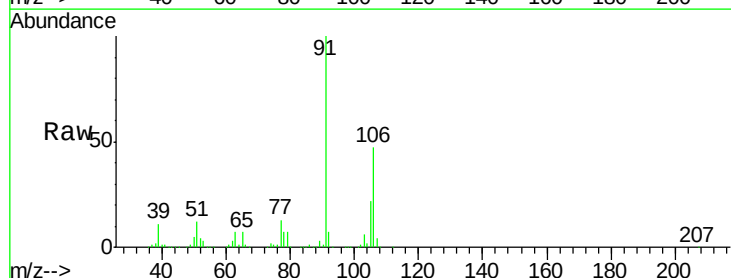
Manual Integrations  
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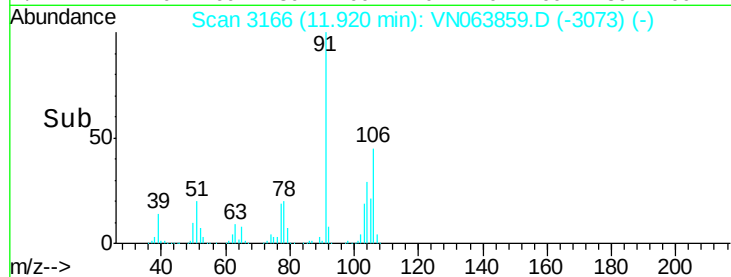
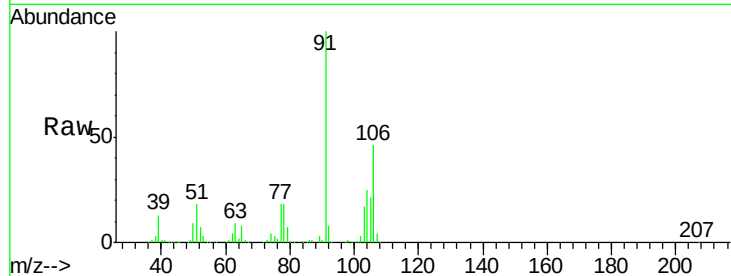
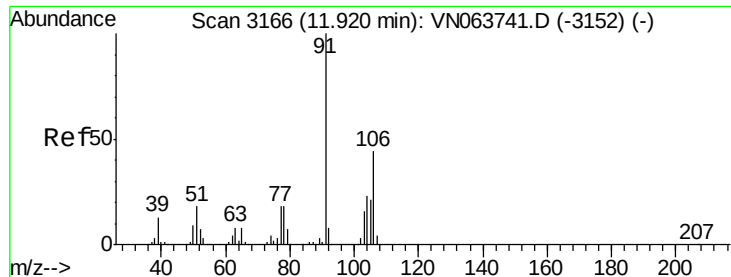
MMDadoda  
10/6/2020 12:56:31 PM



#68  
m/p-Xylenes  
Concen: 102.484 ug/l  
RT: 11.59 min Scan# 3064  
Delta R.T. -0.00 min  
Lab File: VN063859.D  
Acq: 5 Oct 2020 10:19

Tgt Ion: 106 Resp: 604747  
Ion Ratio Lower Upper  
106 100  
91 212.4 168.0 252.0





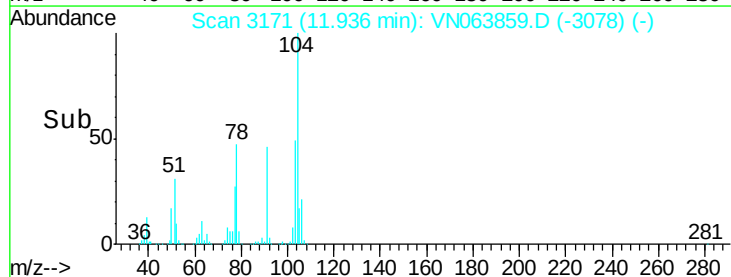
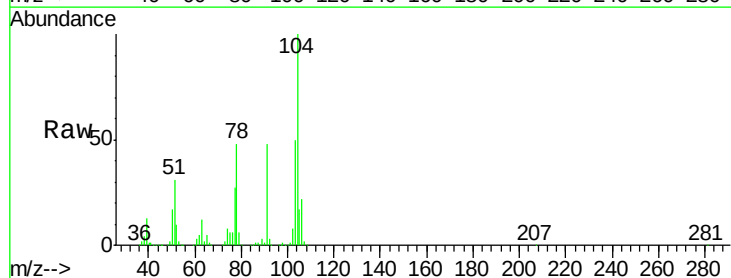
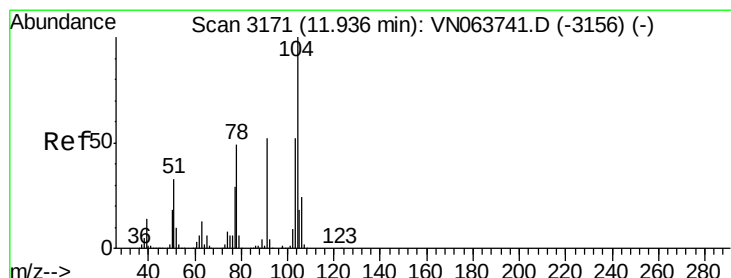
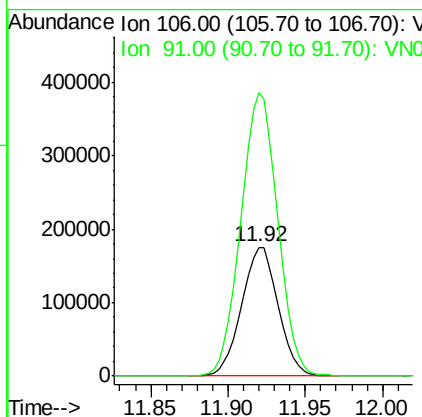
#69  
o-Xylene  
Concen: 52.317 ug/l  
RT: 11.92 min Scan# 3166  
Delta R.T. 0.00 min  
Lab File: VN063859.D  
Acq: 5 Oct 2020 10:19

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 106     | 100   | 288548 |       |       |
| 91      | 222.5 | 112.7  | 338.0 |       |

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC050

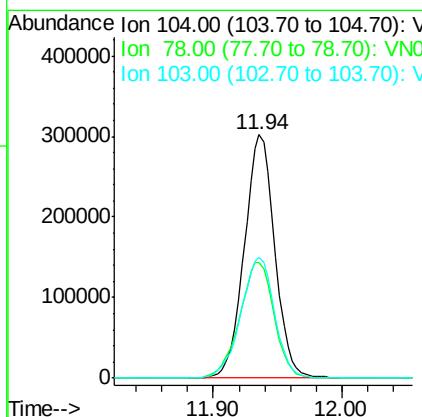
Manual Integrations  
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MMDadoda  
10/6/2020 12:56:31 PM

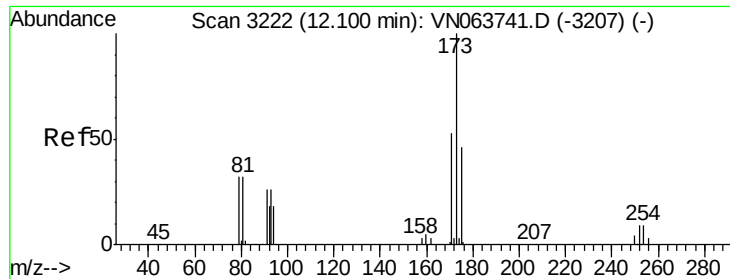


#70  
Styrene  
Concen: 52.959 ug/l  
RT: 11.94 min Scan# 3171  
Delta R.T. 0.00 min  
Lab File: VN063859.D  
Acq: 5 Oct 2020 10:19

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 104     | 100   | 495810 |       |       |
| 78      | 54.0  | 44.1   | 66.1  |       |
| 103     | 55.0  | 44.3   | 66.5  |       |







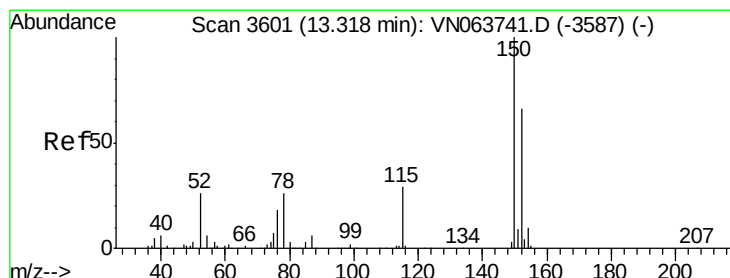
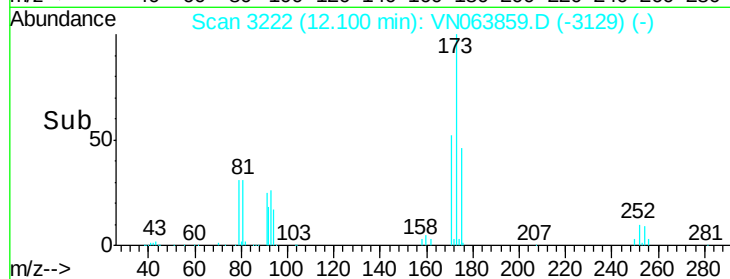
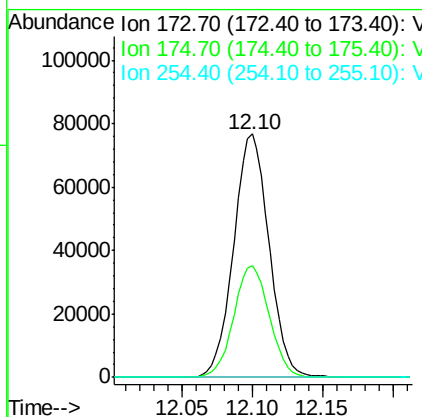
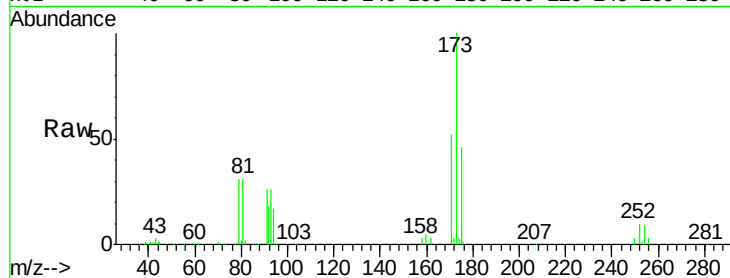
#71  
Bromoform  
Concen: 52.851 ug/l  
RT: 12.10 min Scan# 3222  
Delta R.T. 0.00 min  
Lab File: VN063859.D  
Acq: 5 Oct 2020 10:19

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 46.1  | 23.5  | 70.5  |
| 254     | 0.0   | 0.0   | 0.0   |

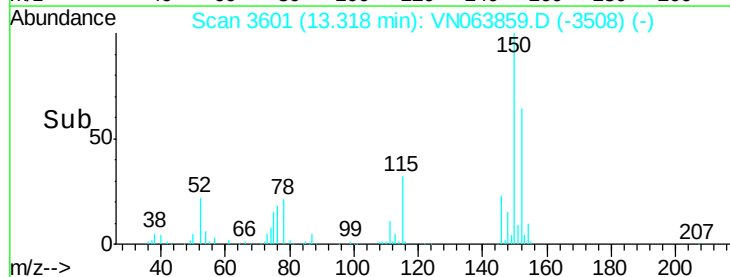
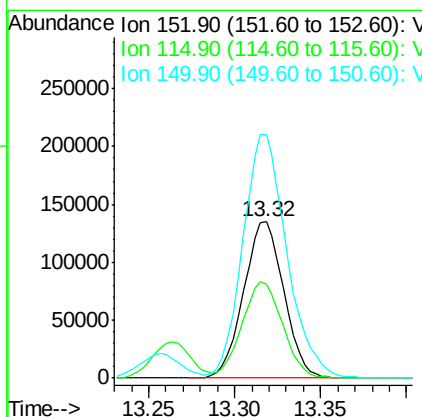
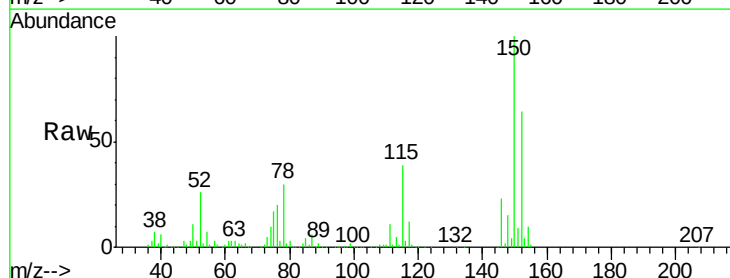
Manual Integrations  
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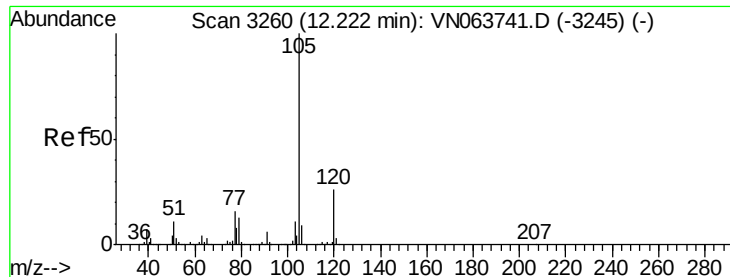
MMDadoda  
10/6/2020 12:56:31 PM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.32 min Scan# 3601  
Delta R.T. 0.00 min  
Lab File: VN063859.D  
Acq: 5 Oct 2020 10:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 62.4  | 31.3  | 93.8  |
| 150     | 170.3 | 0.0   | 341.8 |





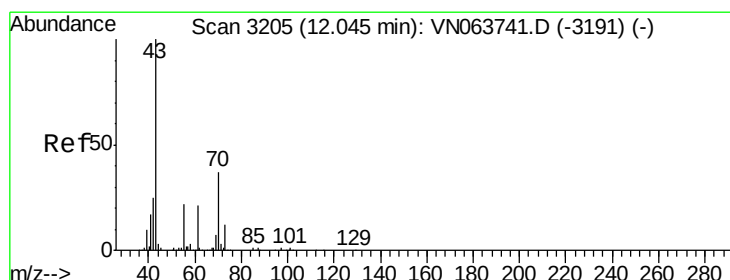
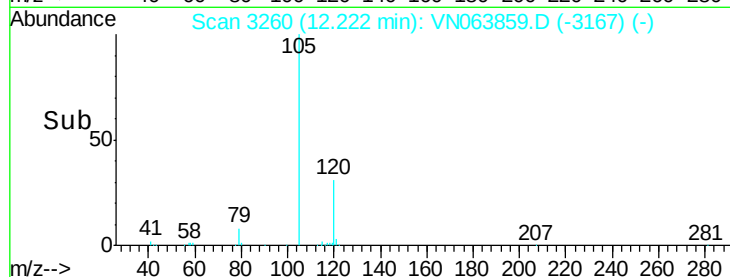
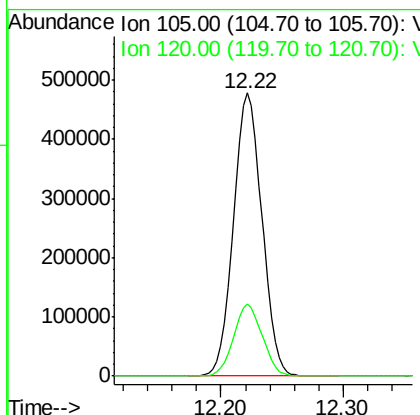
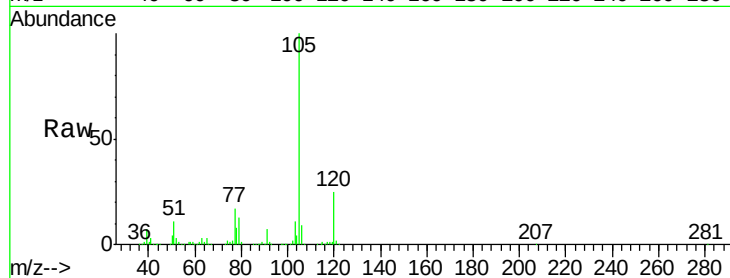
#73  
Isopropylbenzene  
Concen: 48.487 ug/l  
RT: 12.22 min Scan# 3260  
Delta R.T. 0.00 min  
Lab File: VN063859.D  
Acq: 5 Oct 2020 10:19

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 25.4  | 12.6  | 37.8  |

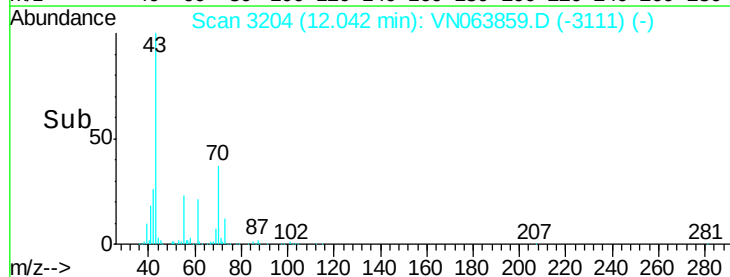
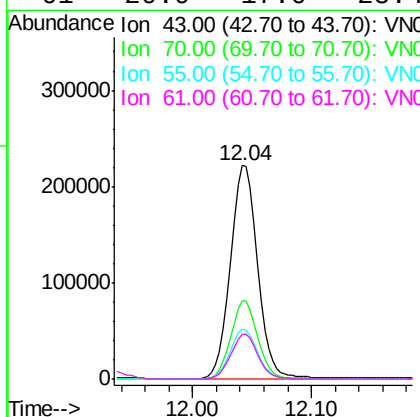
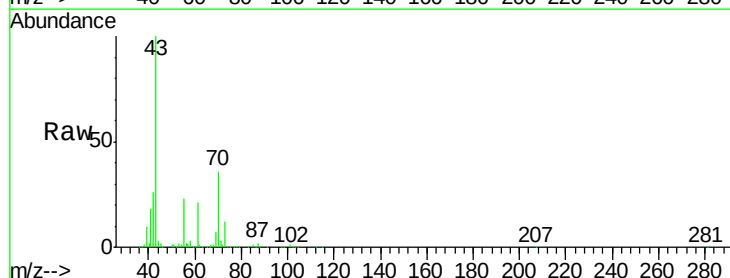
Manual Integrations  
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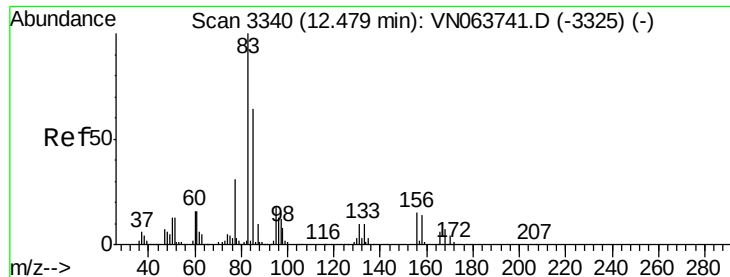
MMDadoda  
10/6/2020 12:56:31 PM



#74  
N-ethyl acetate  
Concen: 47.523 ug/l  
RT: 12.04 min Scan# 3204  
Delta R.T. -0.00 min  
Lab File: VN063859.D  
Acq: 5 Oct 2020 10:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 70      | 36.5  | 29.8  | 44.8  |
| 55      | 23.5  | 17.9  | 26.9  |
| 61      | 20.9  | 17.0  | 25.4  |





#75

1,1,2,2-Tetrachloroethane

Concen: 47.768 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063859.D

Acq: 5 Oct 2020 10:19

Instrument :

MSVOA\_N

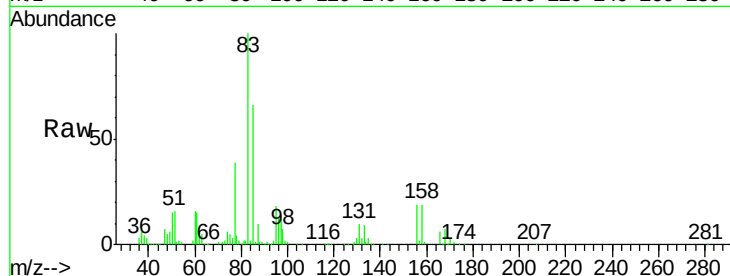
ClientSampled :

VSTDCCC050

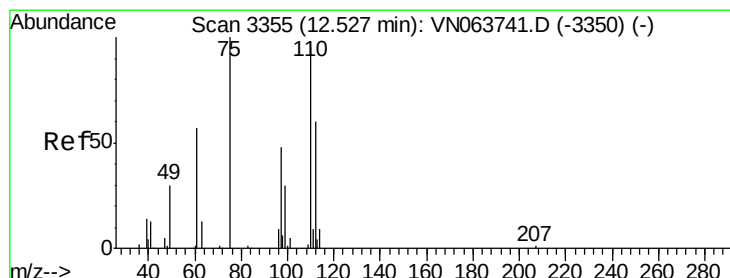
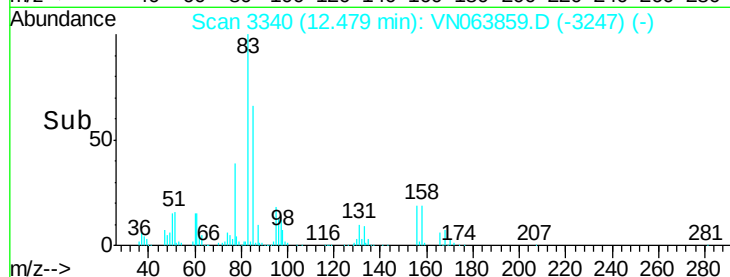
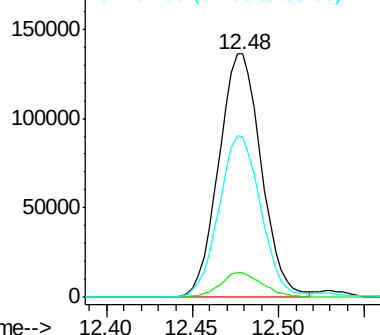
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 233060 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 10.3  | 5.3   | 15.8   |
| 85        | 65.7  | 31.3  | 93.8   |

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Abundance Ion 82.90 (82.60 to 83.60): VN063859.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 49.398 ug/l m

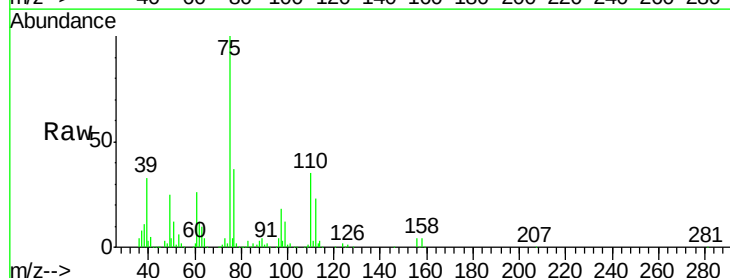
RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

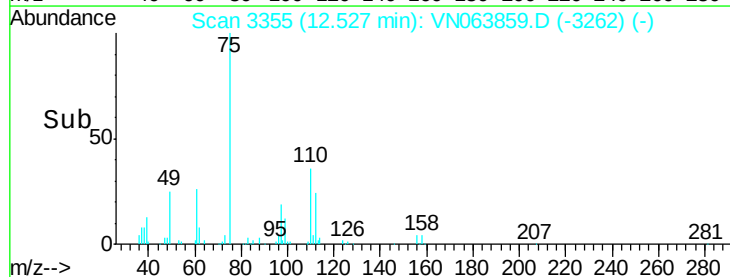
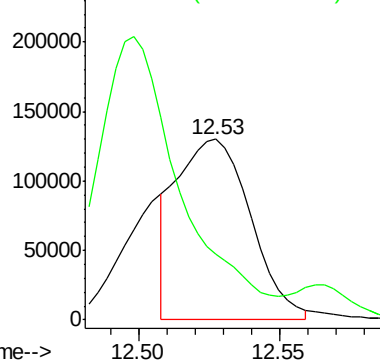
Lab File: VN063859.D

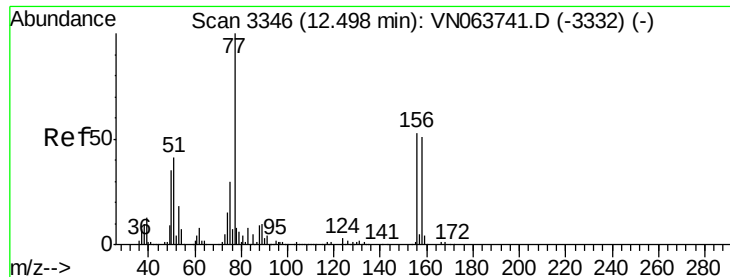
Acq: 5 Oct 2020 10:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 238200 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 0.0   | 0.0   | 0.0    |



Abundance Ion 74.90 (74.60 to 75.60): VN063859.D (-3262) (-)





#77

Bromobenzene

Concen: 49.047 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN063859.D

Acq: 5 Oct 2020 10:19

Instrument :

MSVOA\_N

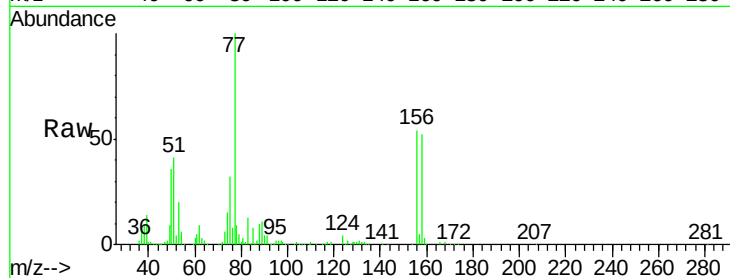
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 192022 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 221.3 | 110.9 | 332.7  |
| 158       | 96.3  | 47.7  | 143.1  |

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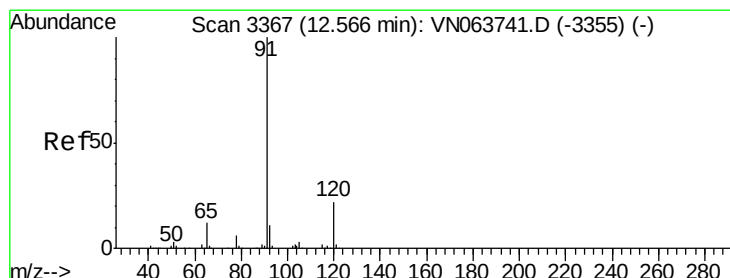
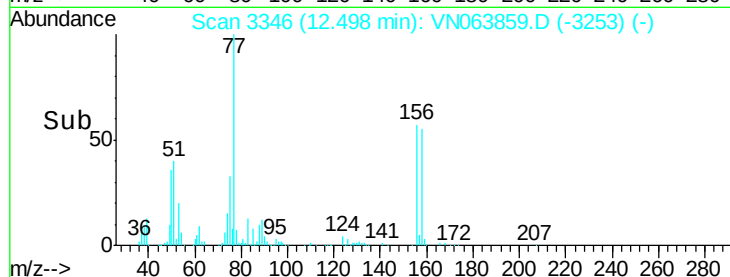
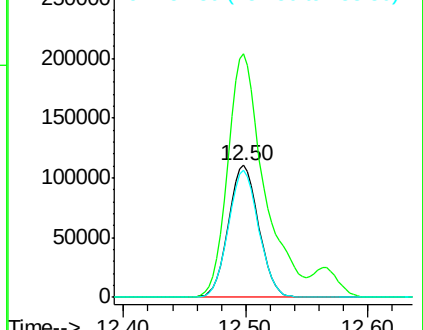
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.374 ug/l

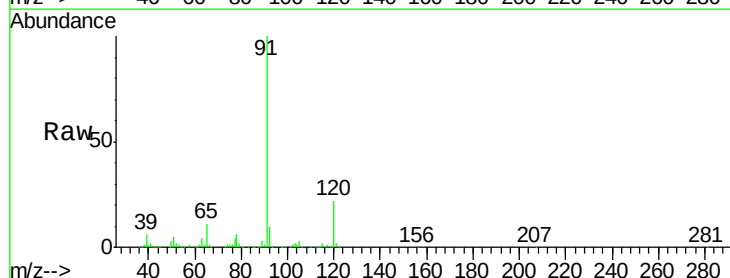
RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063859.D

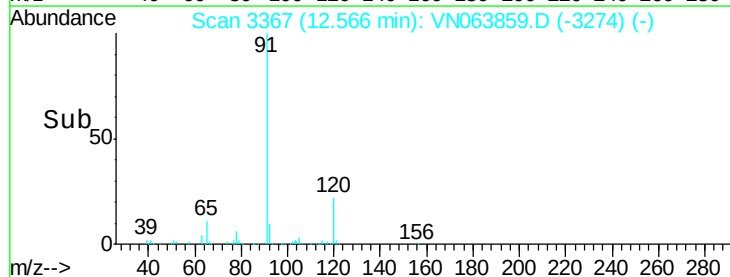
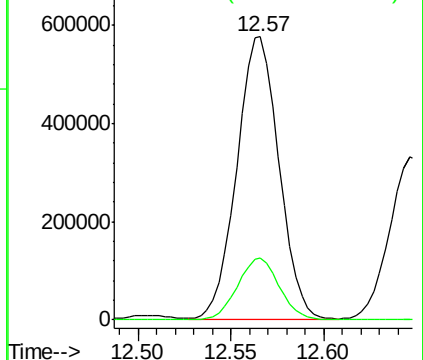
Acq: 5 Oct 2020 10:19

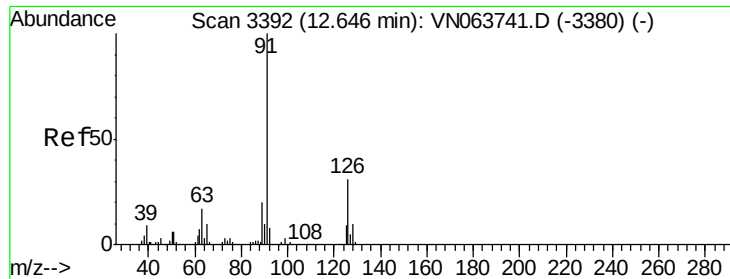
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 916814 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 21.5  | 11.1  | 33.1   |



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.304 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN063859.D

Acq: 5 Oct 2020 10:19

Instrument :

MSVOA\_N

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 551629

Ion Ratio Lower Upper

91 100

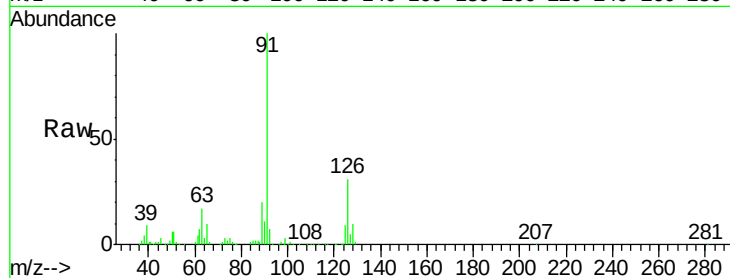
126 31.5 15.9 47.7

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Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN063741.D (-3380) (-)

600000

500000

400000

300000

200000

100000

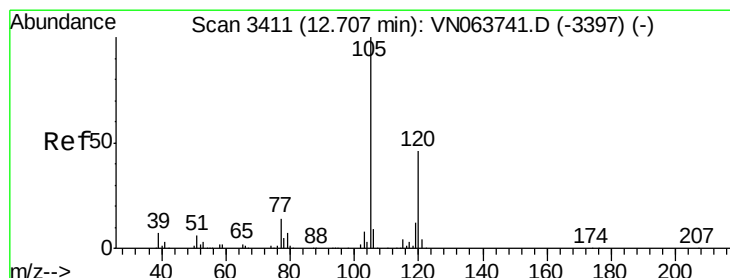
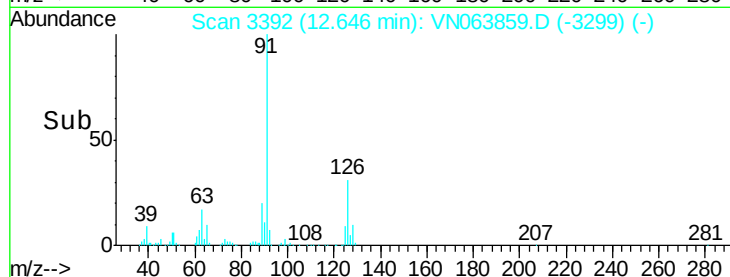
0

12.60

12.65

12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 49.899 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN063859.D

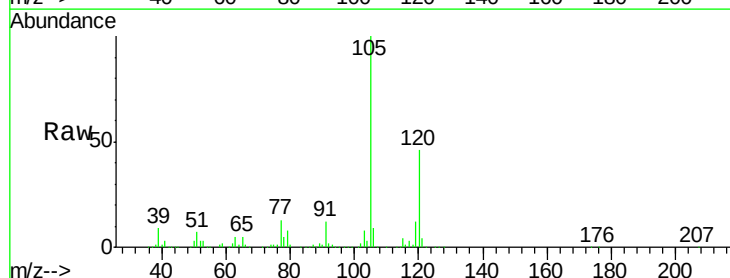
Acq: 5 Oct 2020 10:19

Tgt Ion: 105 Resp: 667934

Ion Ratio Lower Upper

105 100

120 46.0 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): VN063741.D (-3397) (-)

Ion 120.00 (119.70 to 120.70): VN063741.D (-3397) (-)

500000

400000

300000

200000

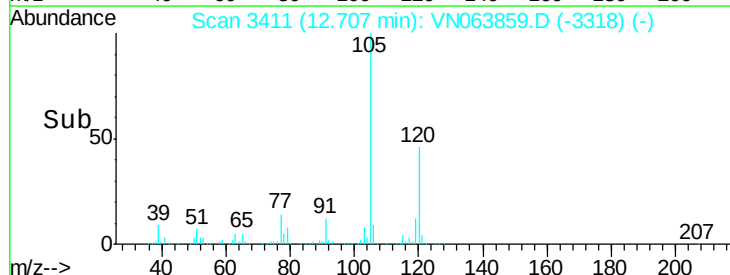
100000

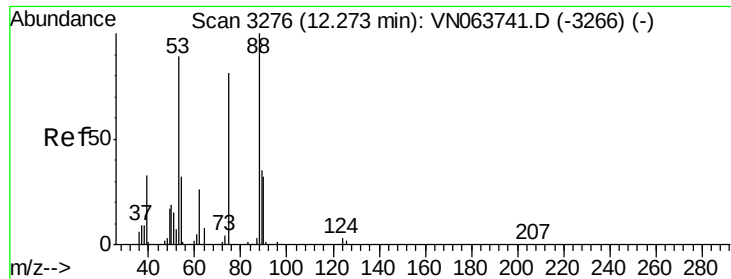
0

12.70

12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 54.135 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN063859.D

Acq: 5 Oct 2020 10:19

Instrument :

MSVOA\_N

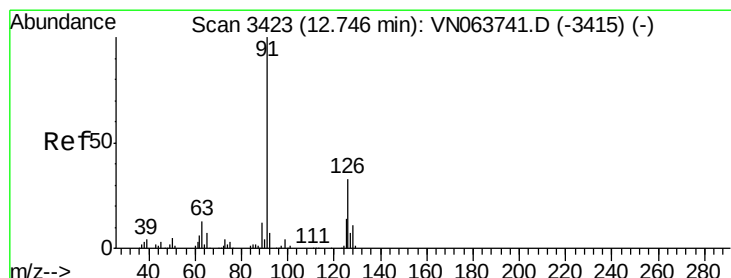
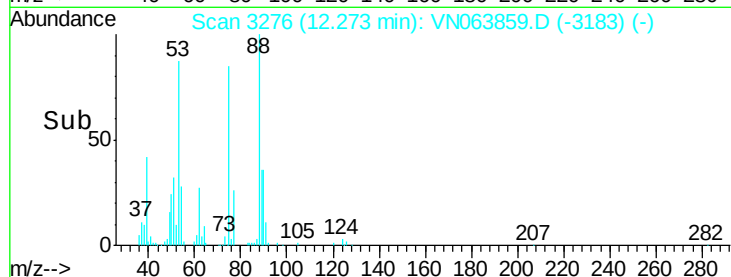
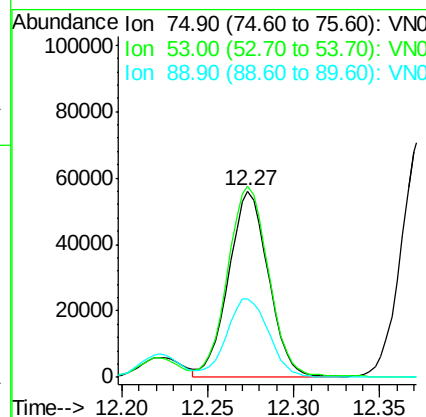
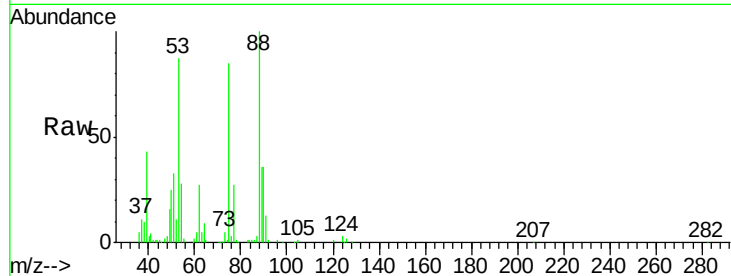
ClientSampleId :

VSTDCCC050

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 75    | Resp: | 90634 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 53        | 106.1 | 88.2  | 132.2 |
| 89        | 44.7  | 36.0  | 54.0  |

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#82

4-Chlorotoluene

Concen: 49.786 ug/l

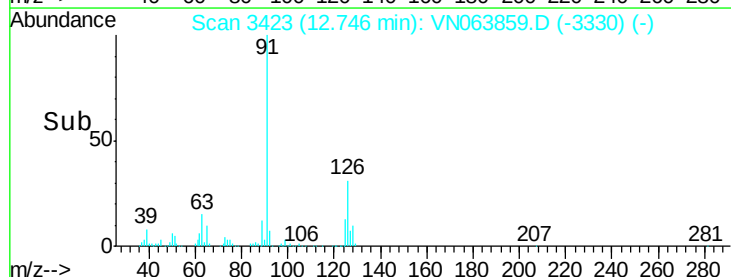
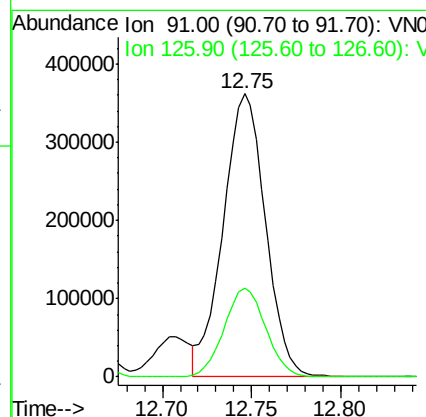
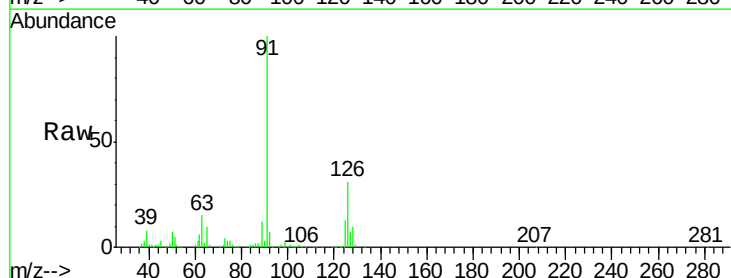
RT: 12.75 min Scan# 3423

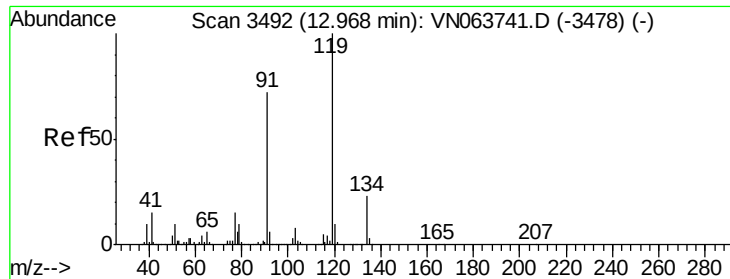
Delta R.T. 0.00 min

Lab File: VN063859.D

Acq: 5 Oct 2020 10:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 590222 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 126       | 31.4  | 15.4  | 46.2   |





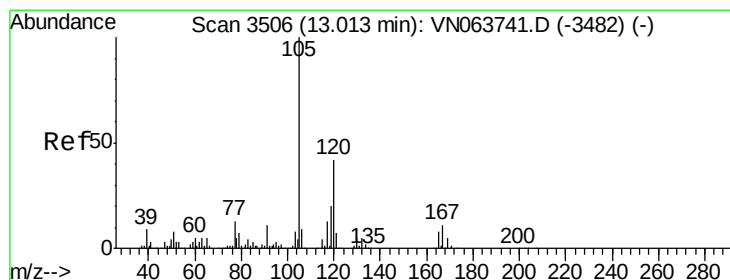
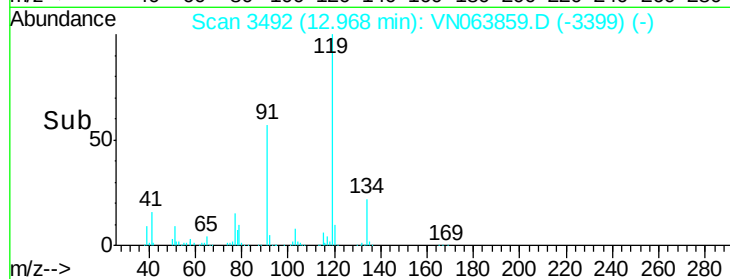
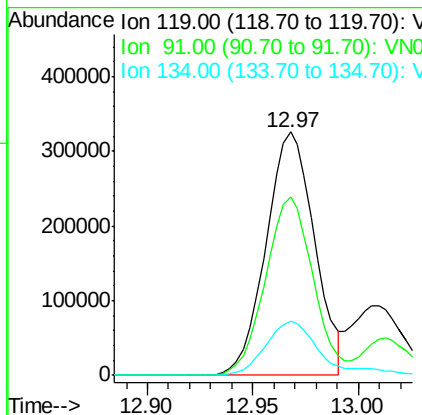
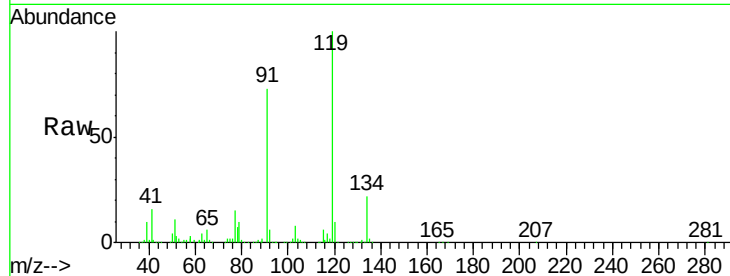
#83  
 tert-Butylbenzene  
 Concen: 47.505 ug/l  
 RT: 12.97 min Scan# 3492  
 Delta R.T. 0.00 min  
 Lab File: VN063859.D  
 Acq: 5 Oct 2020 10:19

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 72.4  | 35.5  | 106.5 |
| 134     | 23.1  | 11.7  | 35.1  |

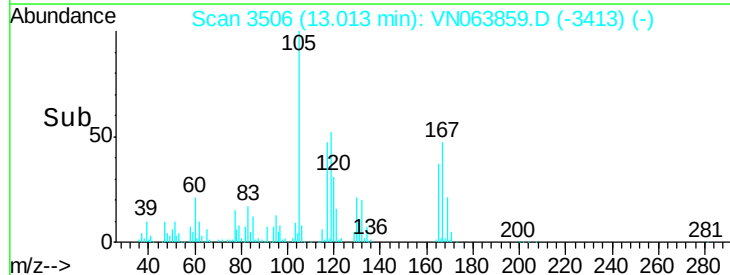
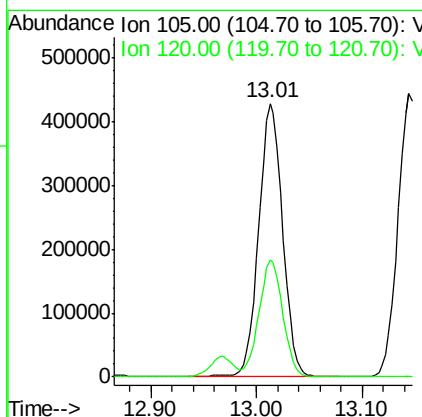
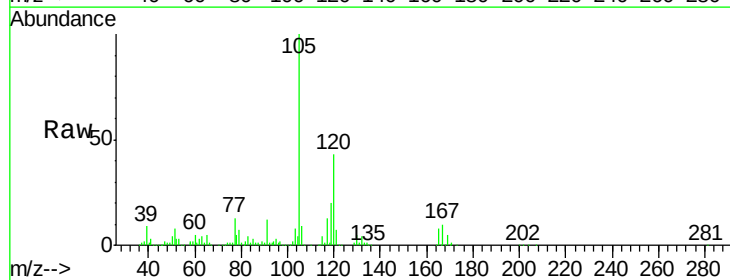
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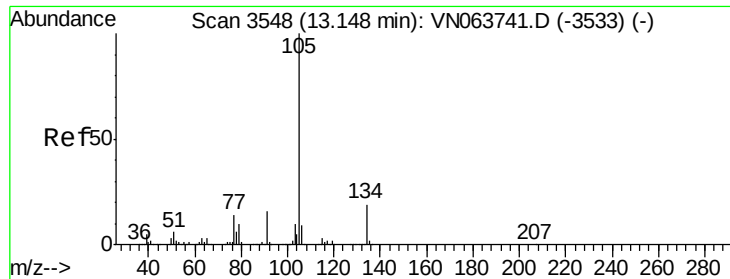
MMDadoda  
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 50.688 ug/l  
 RT: 13.01 min Scan# 3506  
 Delta R.T. 0.00 min  
 Lab File: VN063859.D  
 Acq: 5 Oct 2020 10:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 42.6  | 20.9  | 62.7  |





#85

sec-Butylbenzene

Concen: 48.274 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN063859.D

Acq: 5 Oct 2020 10:19

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 694238

Ion Ratio Lower Upper

105 100

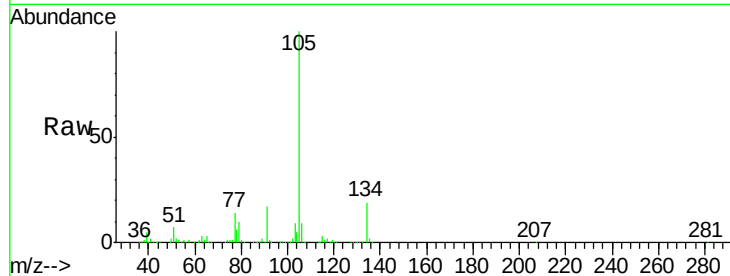
134 18.9 9.5 28.5

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.14

400000

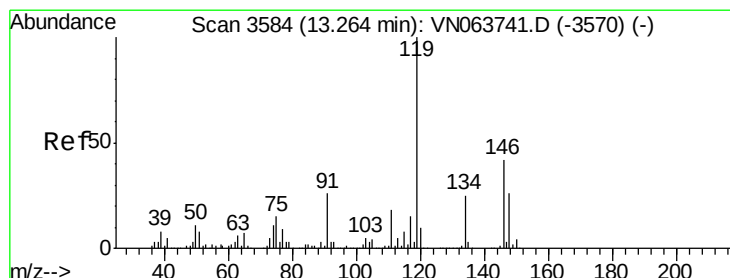
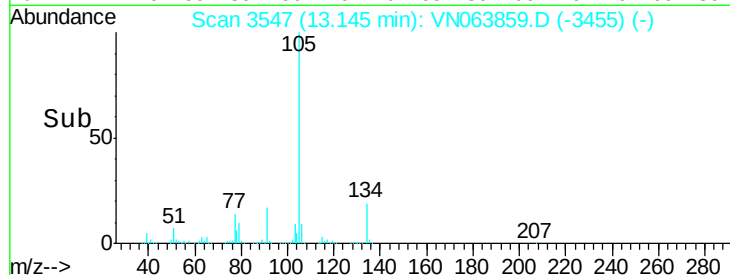
300000

200000

100000

0

Time--> 13.05 13.10 13.15 13.20



#86

p-Isopropyltoluene

Concen: 50.759 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN063859.D

Acq: 5 Oct 2020 10:19

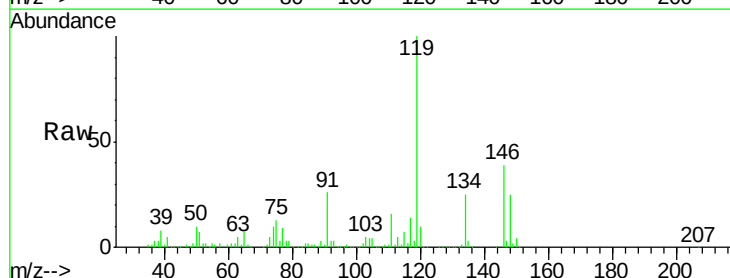
Tgt Ion:119 Resp: 645766

Ion Ratio Lower Upper

119 100

134 25.3 12.6 37.8

91 26.1 13.4 40.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

400000

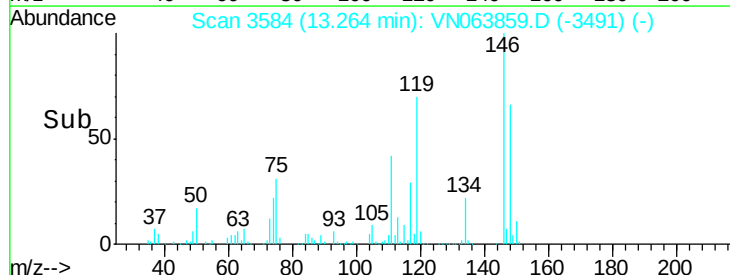
300000

200000

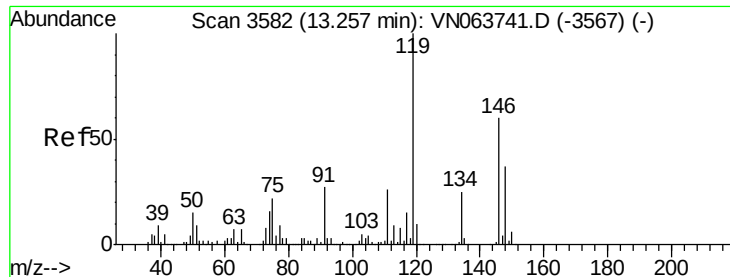
100000

0

Time--> 13.20 13.25 13.30 13.35







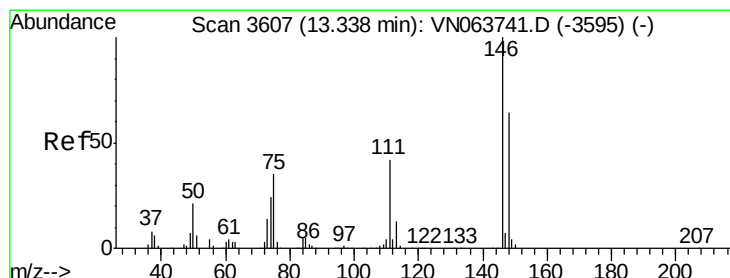
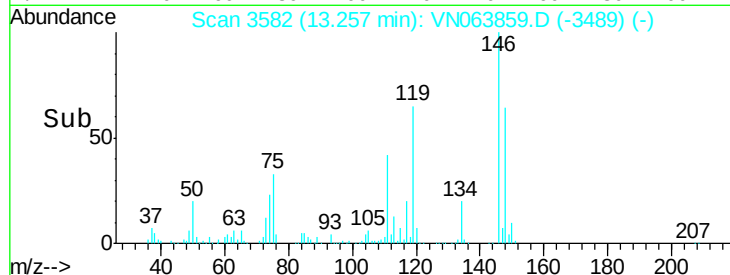
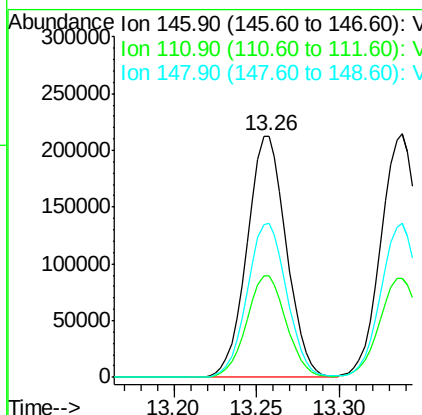
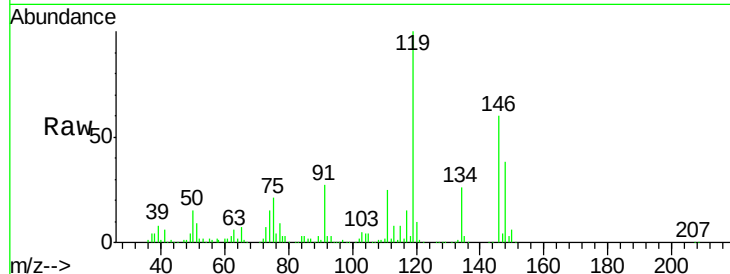
#87  
 1,3-Dichlorobenzene  
 Concen: 49.398 ug/l  
 RT: 13.26 min Scan# 3582  
 Delta R.T. 0.00 min  
 Lab File: VN063859.D  
 Acq: 5 Oct 2020 10:19

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 349874 |       |       |
| 111     | 42.3  | 21.5   | 64.5  |       |
| 148     | 64.4  | 31.1   | 93.3  |       |

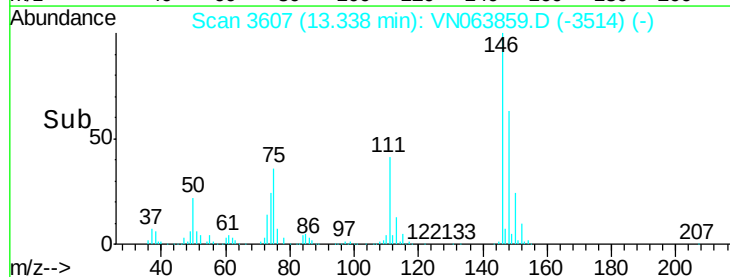
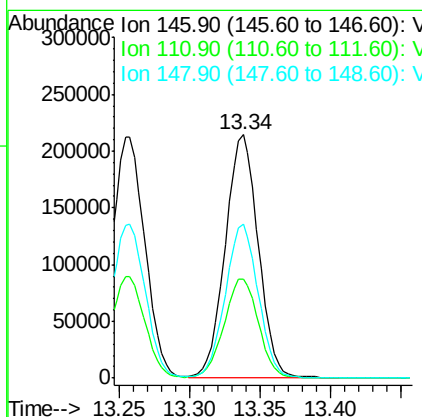
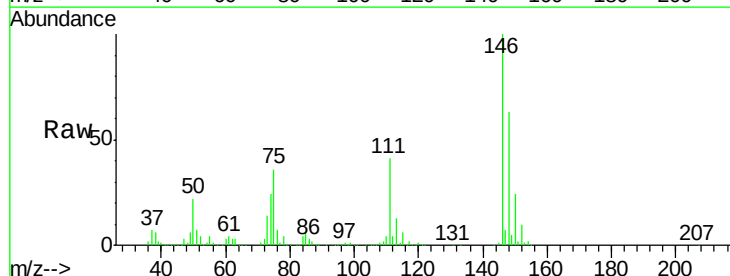
Manual Integrations  
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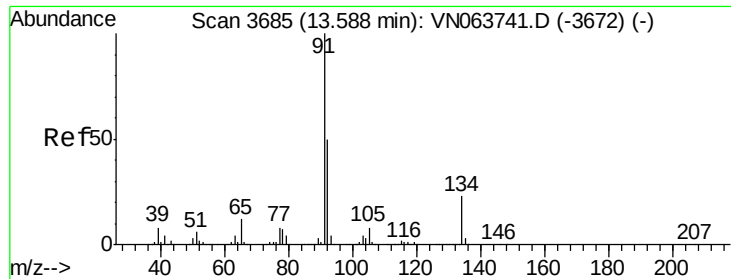
MMDadoda  
 10/6/2020 12:56:31 PM



#88  
 1,4-Dichlorobenzene  
 Concen: 47.448 ug/l  
 RT: 13.34 min Scan# 3607  
 Delta R.T. 0.00 min  
 Lab File: VN063859.D  
 Acq: 5 Oct 2020 10:19

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 349916 |       |       |
| 111     | 42.4  | 21.3   | 63.7  |       |
| 148     | 63.0  | 32.0   | 96.0  |       |





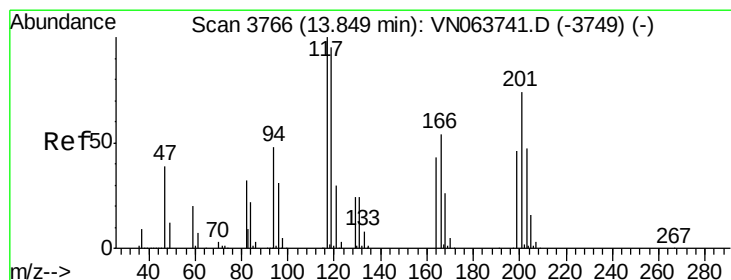
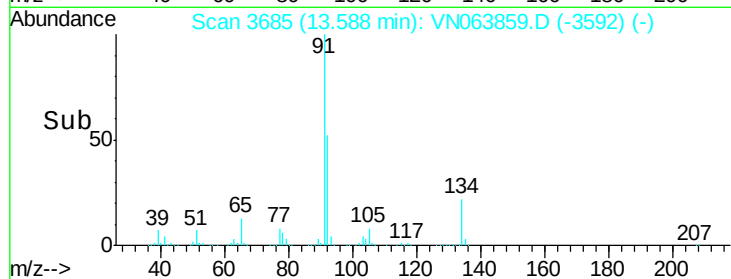
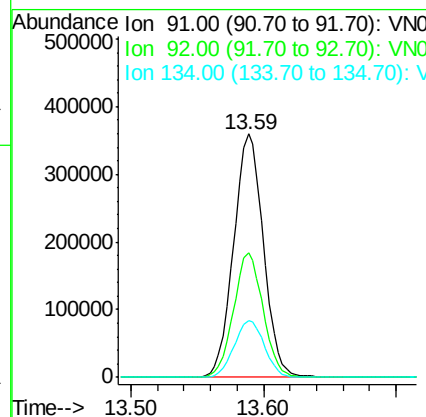
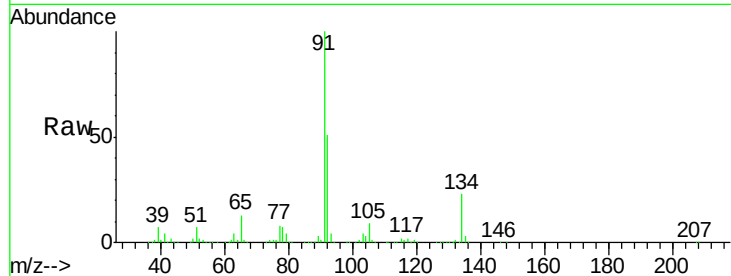
#89  
n-Butylbenzene  
Concen: 47.624 ug/l  
RT: 13.59 min Scan# 3685  
Delta R.T. 0.00 min  
Lab File: VN063859.D  
Acq: 5 Oct 2020 10:19

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 50.8  | 25.4  | 76.4  |
| 134     | 23.8  | 11.7  | 35.1  |

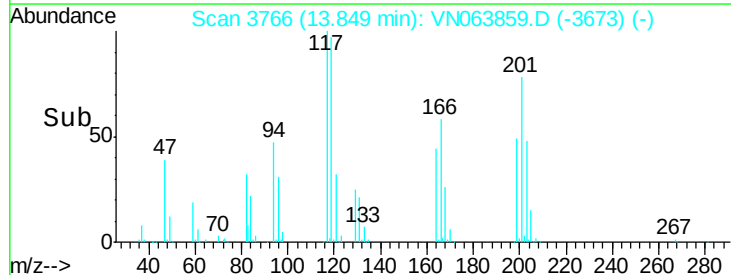
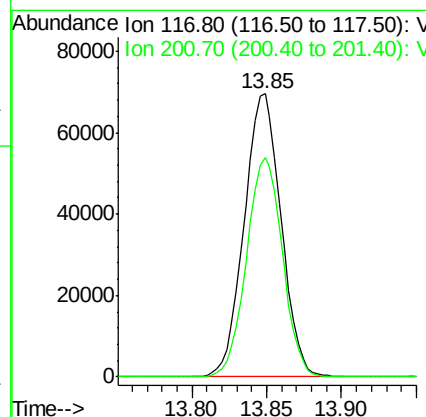
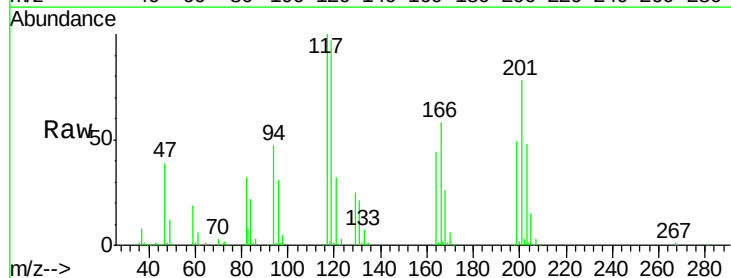
Manual Integrations  
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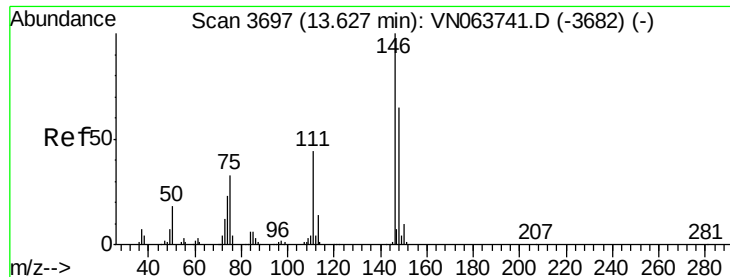
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#90  
Hexachloroethane  
Concen: 48.443 ug/l  
RT: 13.85 min Scan# 3766  
Delta R.T. 0.00 min  
Lab File: VN063859.D  
Acq: 5 Oct 2020 10:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 75.4  | 36.0  | 108.0 |





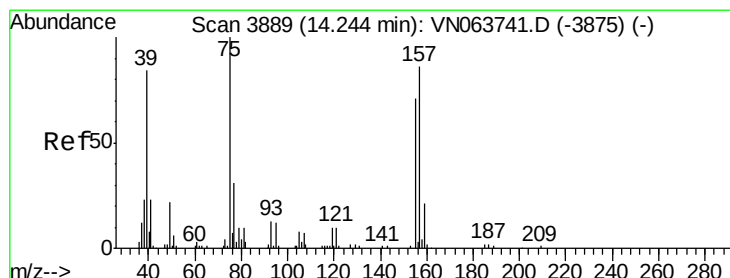
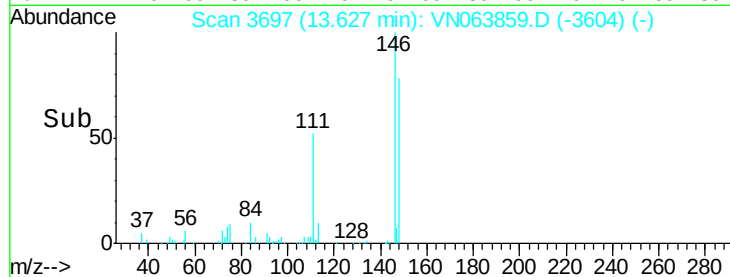
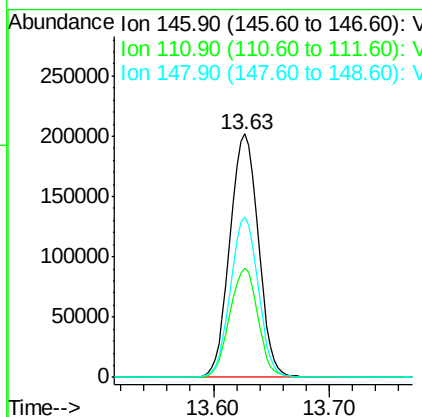
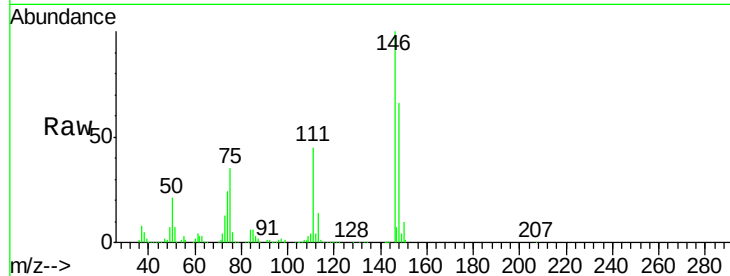
#91  
 1,2-Dichlorobenzene  
 Concen: 48.911 ug/l  
 RT: 13.63 min Scan# 3697  
 Delta R.T. 0.00 min  
 Lab File: VN063859.D  
 Acq: 5 Oct 2020 10:19

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 44.3  | 22.2  | 66.6  |
| 148     | 64.4  | 32.5  | 97.4  |

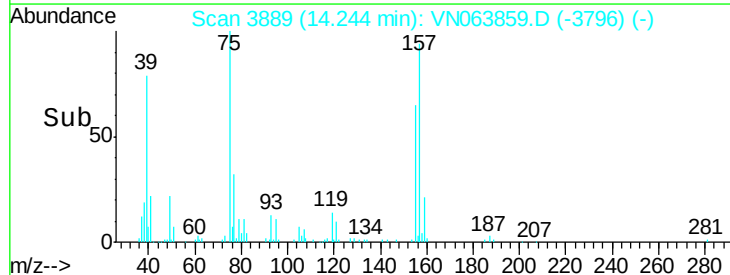
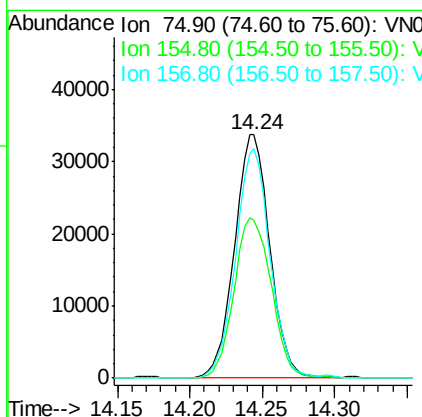
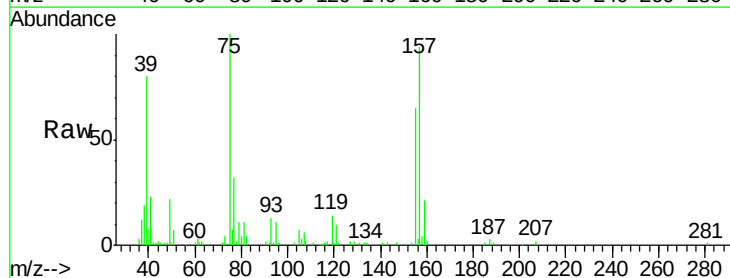
Manual Integrations  
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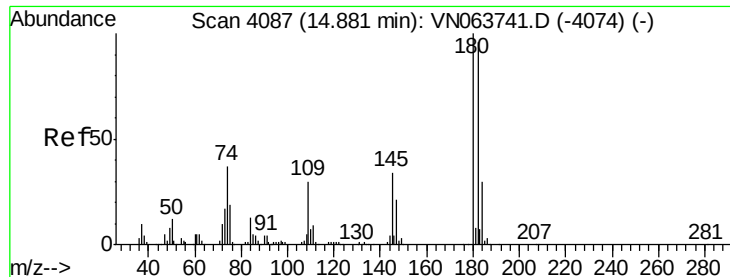
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 49.779 ug/l  
 RT: 14.24 min Scan# 3889  
 Delta R.T. 0.00 min  
 Lab File: VN063859.D  
 Acq: 5 Oct 2020 10:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 69.7  | 34.8  | 104.5 |
| 157     | 92.2  | 43.7  | 131.1 |





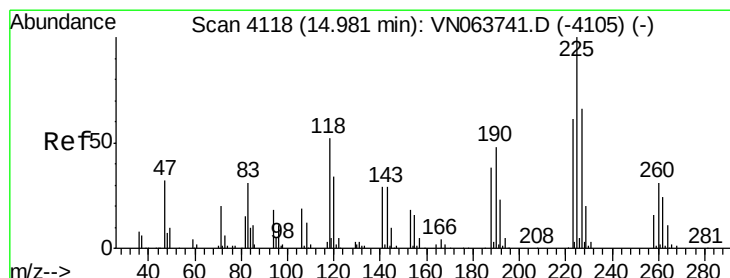
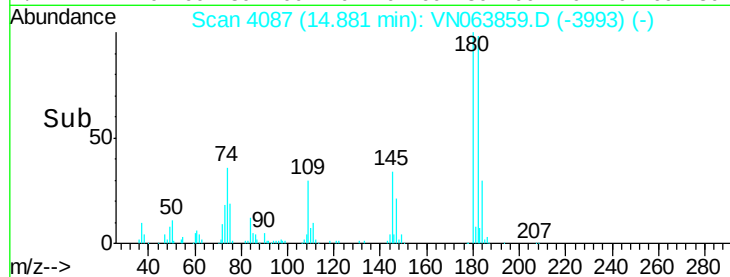
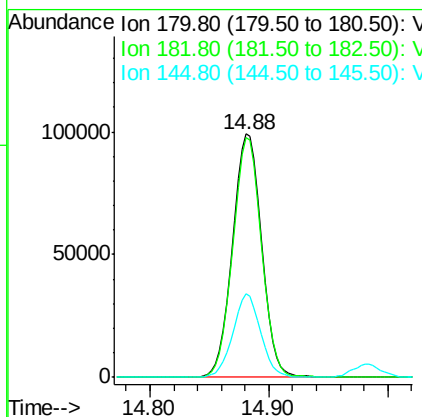
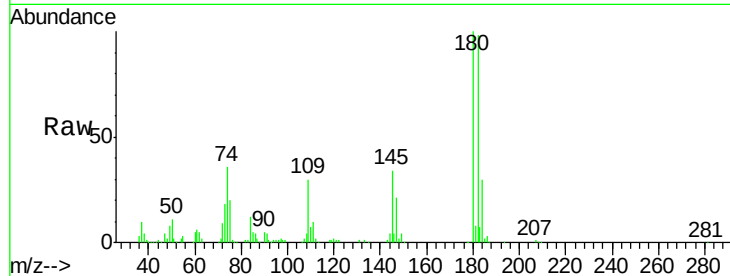
#93  
 1,2,4-Trichlorobenzene  
 Concen: 44.323 ug/l  
 RT: 14.88 min Scan# 4087  
 Delta R.T. 0.00 min  
 Lab File: VN063859.D  
 Acq: 5 Oct 2020 10:19

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 168298 |       |       |
| 182     | 96.8  | 48.2   | 144.6 |       |
| 145     | 32.6  | 17.1   | 51.2  |       |

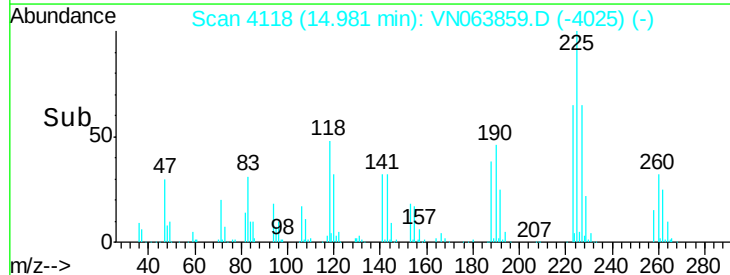
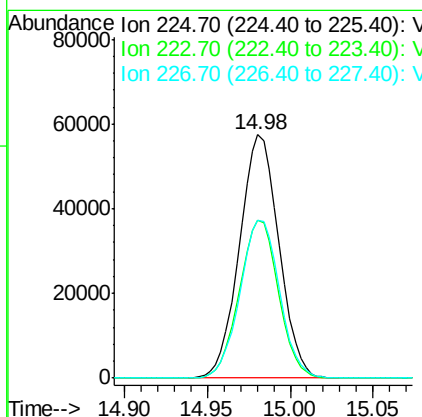
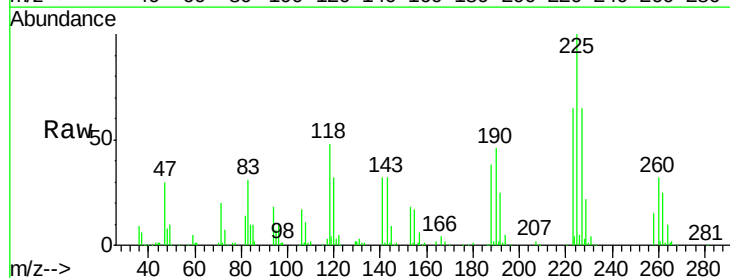
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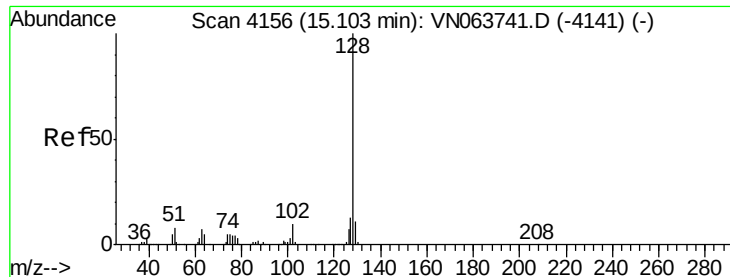
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#94  
 Hexachlorobutadiene  
 Concen: 49.915 ug/l  
 RT: 14.98 min Scan# 4118  
 Delta R.T. 0.00 min  
 Lab File: VN063859.D  
 Acq: 5 Oct 2020 10:19

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 94944 |       |       |
| 223     | 64.0  | 30.3  | 91.0  |       |
| 227     | 65.1  | 31.9  | 95.5  |       |





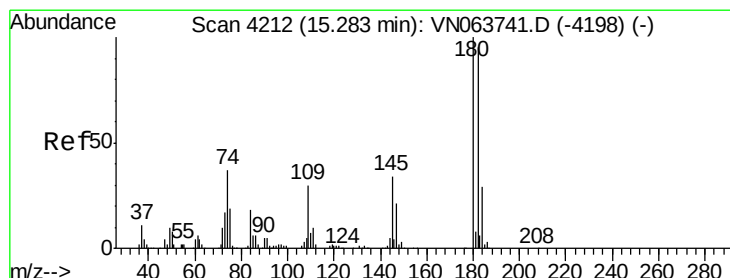
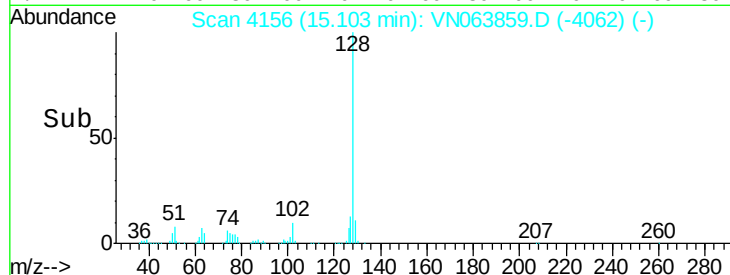
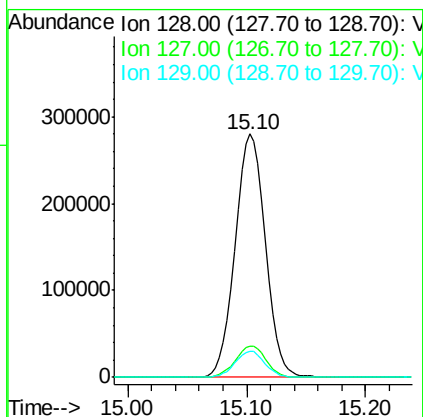
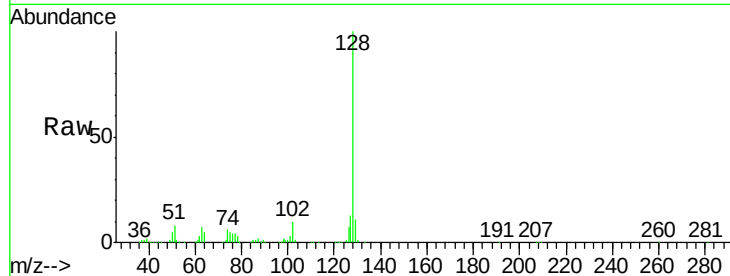
#95  
Naphthalene  
Concen: 42.153 ug/l  
RT: 15.10 min Scan# 4156  
Delta R.T. 0.00 min  
Lab File: VN063859.D  
Acq: 5 Oct 2020 10:19

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 493834 |       |       |
| 127     | 13.1  |        | 10.5  | 15.7  |
| 129     | 10.6  |        | 8.7   | 13.1  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 43.377 ug/l  
RT: 15.28 min Scan# 4212  
Delta R.T. 0.00 min  
Lab File: VN063859.D  
Acq: 5 Oct 2020 10:19

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 159694 |       |       |
| 182     | 94.3  |        | 47.9  | 143.6 |
| 145     | 34.1  |        | 17.2  | 51.5  |

