

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN072920\  
 Data File : VN062643.D  
 Acq On : 29 Jul 2020 10:00  
 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  
 7/30/2020 6:21:00 PM

Quant Time: Jul 30 03:31:30 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N072120W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 21 18:48:59 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.62  | 168  | 179383   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 277742   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 265441   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 118822   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 7.98   | 65  | 138200   | 49.59 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.18%  |      |
| 35) Dibromofluoromethane  | 7.54   | 113 | 93751    | 51.39 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.78% |      |
| 50) Toluene-d8            | 10.06  | 98  | 365698   | 50.24 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.48% |      |
| 62) 4-Bromofluorobenzene  | 12.38  | 95  | 140449   | 52.77 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 105.54% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 97600   | 45.614  | ug/l | 99     |
| 3) Chloromethane              | 2.03 | 50  | 115328  | 39.739  | ug/l | 97     |
| 4) Vinyl Chloride             | 2.16 | 62  | 101979  | 40.535  | ug/l | 98     |
| 5) Bromomethane               | 2.51 | 94  | 53033   | 47.593  | ug/l | 96     |
| 6) Chloroethane               | 2.66 | 64  | 53288   | 46.825  | ug/l | 99     |
| 7) Trichlorofluoromethane     | 2.98 | 101 | 145509  | 49.261  | ug/l | 99     |
| 8) Diethyl Ether              | 3.37 | 74  | 62234   | 45.054  | ug/l | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.71 | 101 | 91032   | 48.067  | ug/l | 99     |
| 10) Methyl Iodide             | 3.91 | 142 | 112373  | 46.412  | ug/l | 96     |
| 11) Tert butyl alcohol        | 4.73 | 59  | 86716   | 195.616 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 3.69 | 96  | 84642   | 44.068  | ug/l | 98     |
| 13) Acrolein                  | 3.56 | 56  | 108112  | 234.403 | ug/l | 99     |
| 14) Allyl chloride            | 4.27 | 41  | 174079  | 41.899  | ug/l | 95     |
| 15) Acrylonitrile             | 4.93 | 53  | 269505  | 226.978 | ug/l | 99     |
| 16) Acetone                   | 3.77 | 43  | 268912  | 256.441 | ug/l | 100    |
| 17) Carbon Disulfide          | 4.00 | 76  | 251975  | 39.927  | ug/l | 99     |
| 18) Methyl Acetate            | 4.27 | 43  | 123044  | 46.350  | ug/l | 97     |
| 19) Methyl tert-butyl Ether   | 4.99 | 73  | 333594  | 47.188  | ug/l | 99     |
| 20) Methylene Chloride        | 4.49 | 84  | 107389  | 42.699  | ug/l | 96     |
| 21) trans-1,2-Dichloroethene  | 4.98 | 96  | 91643   | 42.989  | ug/l | 100    |
| 22) Diisopropyl ether         | 5.90 | 45  | 362371  | 43.878  | ug/l | 99     |
| 23) Vinyl Acetate             | 5.84 | 43  | 1530352 | 226.153 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 5.79 | 63  | 197823  | 44.483  | ug/l | 99     |
| 25) 2-Butanone                | 6.78 | 43  | 363817  | 227.808 | ug/l | 98     |
| 26) 2,2-Dichloropropane       | 6.77 | 77  | 172608  | 47.280  | ug/l | 98     |
| 27) cis-1,2-Dichloroethene    | 6.77 | 96  | 106447  | 43.759  | ug/l | 98     |
| 28) Bromochloromethane        | 7.15 | 49  | 99109   | 45.284  | ug/l | 95     |
| 29) Tetrahydrofuran           | 7.16 | 42  | 234869  | 217.342 | ug/l | 98     |
| 30) Chloroform                | 7.33 | 83  | 195390  | 46.209  | ug/l | 97     |
| 31) Cyclohexane               | 7.61 | 56  | 170736  | 41.582  | ug/l | 95     |
| 32) 1,1,1-Trichloroethane     | 7.53 | 97  | 171743  | 48.649  | ug/l | 98     |
| 36) 1,1-Dichloropropene       | 7.75 | 75  | 146808  | 49.590  | ug/l | 99     |
| 37) Ethyl Acetate             | 6.88 | 43  | 152066  | 47.652  | ug/l | 98     |
| 38) Carbon Tetrachloride      | 7.73 | 117 | 151381  | 53.198  | ug/l | 99     |

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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  
 7/30/2020 6:21:00 PM

Quant Time: Jul 30 03:31:30 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N072120W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 21 18:48:59 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.04  | 83   | 161226   | 50.592  | ug/l   | 98       |
| 40) Benzene                    | 8.00  | 78   | 425053   | 47.425  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.12  | 41   | 64305    | 47.018  | ug/l   | 97       |
| 42) 1,2-Dichloroethane         | 8.08  | 62   | 172760   | 52.724  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 8.12  | 43   | 248737   | 48.351  | ug/l # | 92       |
| 44) Trichloroethene            | 8.80  | 130  | 99455    | 49.207  | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 9.08  | 63   | 119941   | 47.663  | ug/l   | 98       |
| 46) Dibromomethane             | 9.17  | 93   | 73665    | 50.649  | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.37  | 83   | 160417   | 50.910  | ug/l   | 100      |
| 48) Methyl methacrylate        | 9.16  | 41   | 121005   | 49.481  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 9.17  | 88   | 35383    | 942.043 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43   | 761141   | 247.275 | ug/l   | 99       |
| 52) Toluene                    | 10.12 | 92   | 255971   | 49.184  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.35 | 75   | 182617   | 52.061  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.81  | 75   | 193608   | 51.438  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.53 | 97   | 101497   | 50.279  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.40 | 69   | 171142   | 47.313  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 10.68 | 76   | 186017   | 50.298  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.66  | 63   | 265683   | 243.665 | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.72 | 43   | 561381   | 235.991 | ug/l   | 100      |
| 60) Dibromochloromethane       | 10.87 | 129  | 117336   | 52.102  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 10.98 | 107  | 104626   | 49.773  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.60 | 164  | 83397    | 48.356  | ug/l   | 98       |
| 65) Chlorobenzene              | 11.40 | 112  | 268097   | 48.177  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.48 | 131  | 103379   | 49.382  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.48 | 91   | 505803   | 49.573  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.59 | 106  | 375584   | 102.414 | ug/l   | 99       |
| 69) o-Xylene                   | 11.92 | 106  | 174888   | 50.220  | ug/l   | 96       |
| 70) Styrene                    | 11.94 | 104  | 312353   | 53.097  | ug/l   | 99       |
| 71) Bromoform                  | 12.10 | 173  | 81132    | 51.616  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.22 | 105  | 487942   | 51.934  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.04 | 43   | 222045   | 52.920  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.48 | 83   | 153089   | 46.889  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.53 | 75   | 150777m  | 49.853  | ug/l   |          |
| 77) Bromobenzene               | 12.50 | 156  | 114170   | 50.565  | ug/l   | 97       |
| 78) n-propylbenzene            | 12.56 | 91   | 579989   | 52.700  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.65 | 91   | 345417   | 50.928  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.71 | 105  | 429020   | 55.049  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.27 | 75   | 55908    | 51.459  | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 12.75 | 91   | 363689   | 51.517  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 12.97 | 119  | 352561   | 54.480  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.01 | 105  | 417668   | 54.630  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 13.15 | 105  | 451895   | 52.159  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.26 | 119  | 394055   | 52.882  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.26 | 146  | 192992   | 48.708  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.34 | 146  | 189060   | 48.471  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.59 | 91   | 339765   | 53.066  | ug/l   | 100      |
| 90) Hexachloroethane           | 13.85 | 117  | 69598    | 43.875  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.62 | 146  | 181682   | 47.954  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.24 | 75   | 27188    | 45.866  | ug/l   | 98       |

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Acq On : 29 Jul 2020 10:00  
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  
7/30/2020 6:21:00 PM

Quant Time: Jul 30 03:31:30 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N072120W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jul 21 18:48:59 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.88 | 180  | 84837    | 43.048 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 14.98 | 225  | 55669    | 54.352 | ug/l  | 99       |
| 95) Naphthalene            | 15.10 | 128  | 214155   | 41.240 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.28 | 180  | 84326    | 47.229 | ug/l  | 99       |

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

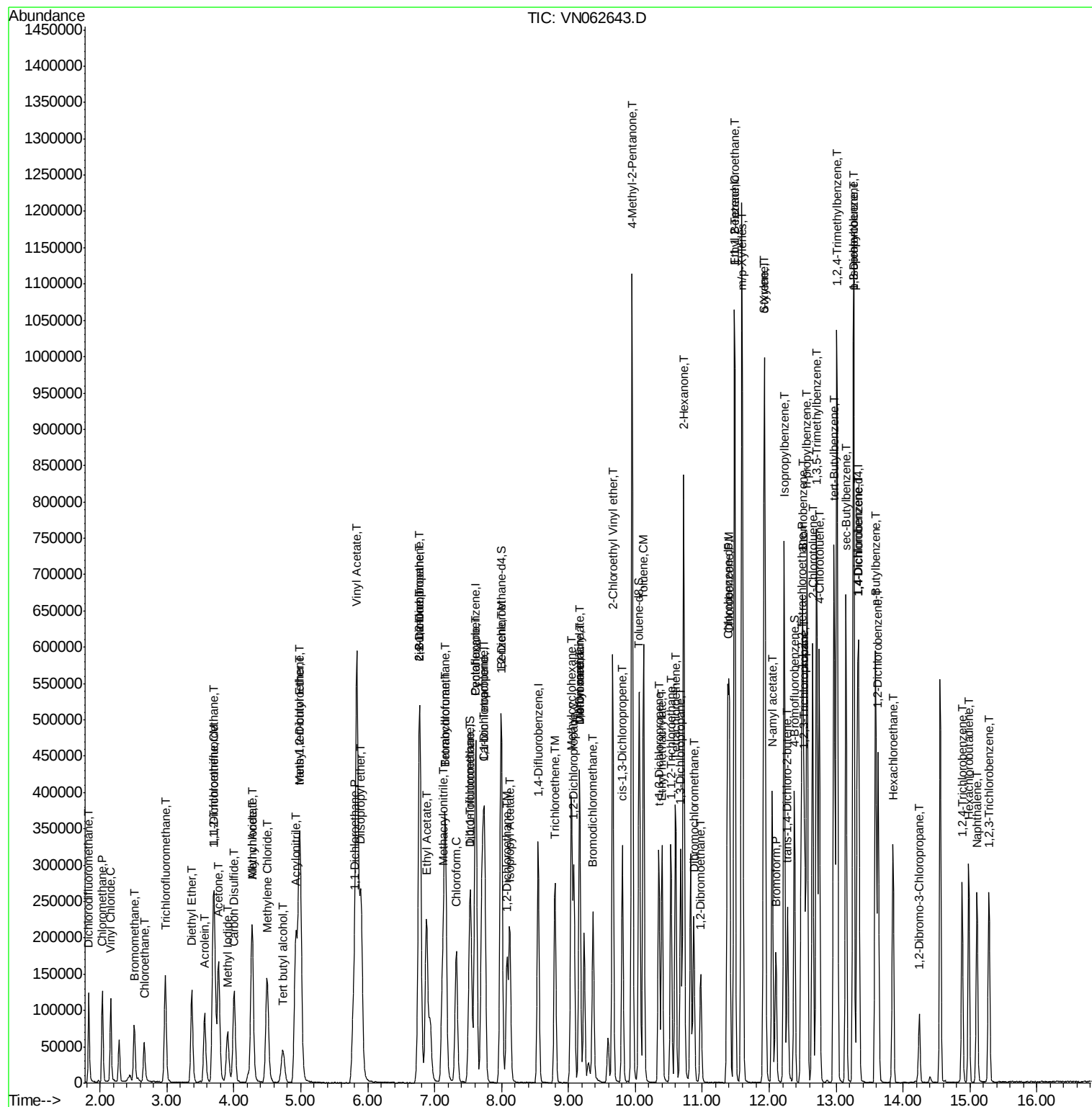
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Data File : VN062643.D  
Acq On : 29 Jul 2020 10:00  
Operator : JC/MD  
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Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 2 Sample Multiplier: 1

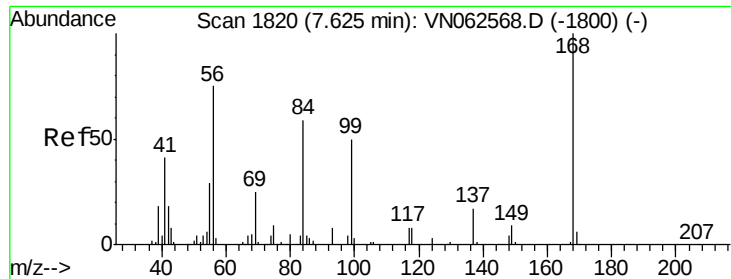
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

MMDadoda  
7/30/2020 6:21:00 PM

Quant Time: Jul 30 03:31:30 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N072120W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jul 21 18:48:59 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VN062643.D

Acq: 29 Jul 2020 10:00

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 179383

Ion Ratio Lower Upper

168 100

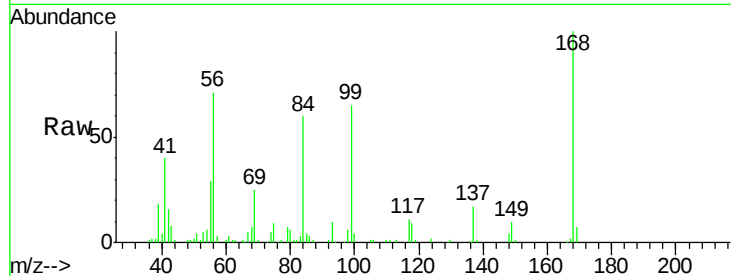
99 65.2 48.4 72.6

Manual Integrations

APPROVED

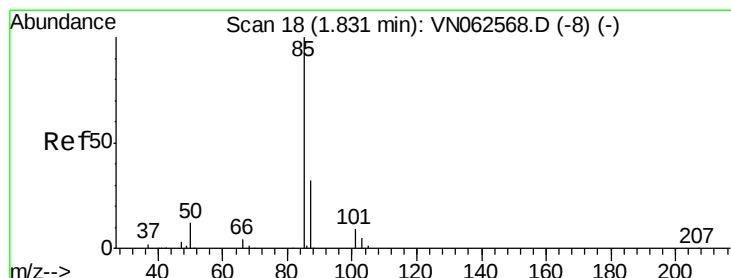
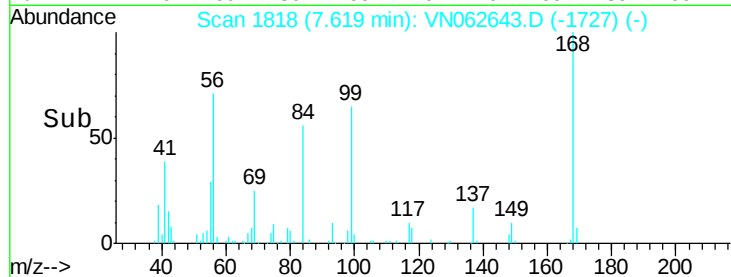
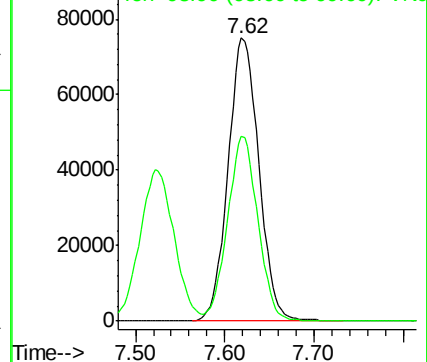
MMDadoda

7/30/2020 6:21:00 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 45.614 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062643.D

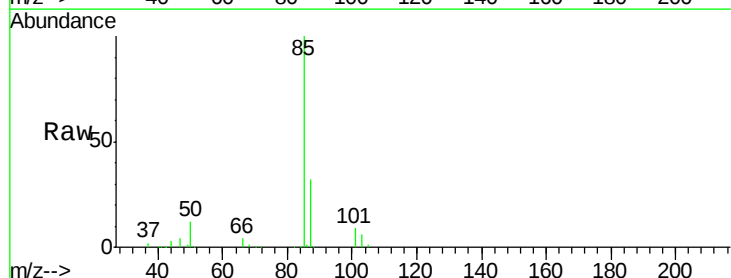
Acq: 29 Jul 2020 10:00

Tgt Ion: 85 Resp: 97600

Ion Ratio Lower Upper

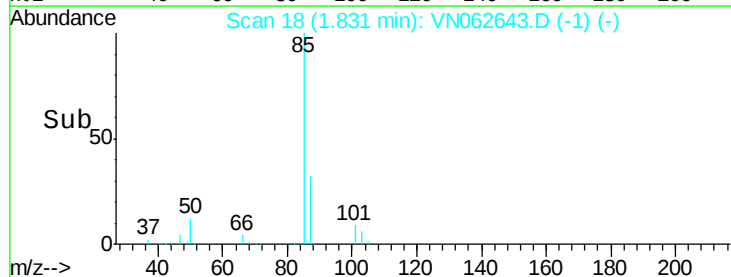
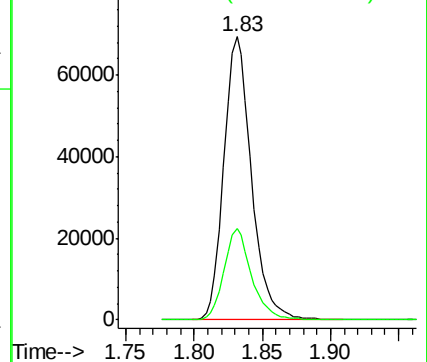
85 100

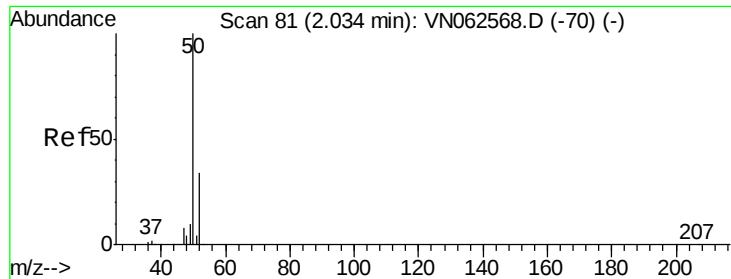
87 32.4 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 39.739 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062643.D

Acq: 29 Jul 2020 10:00

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 115328

Ion Ratio Lower Upper

50 100

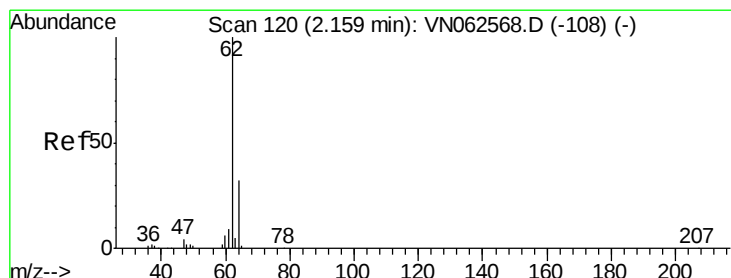
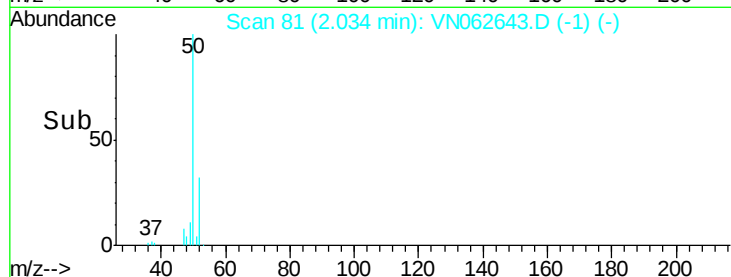
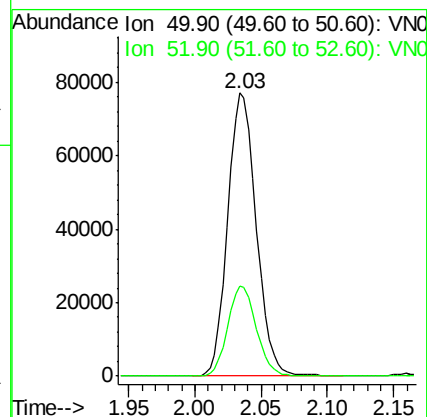
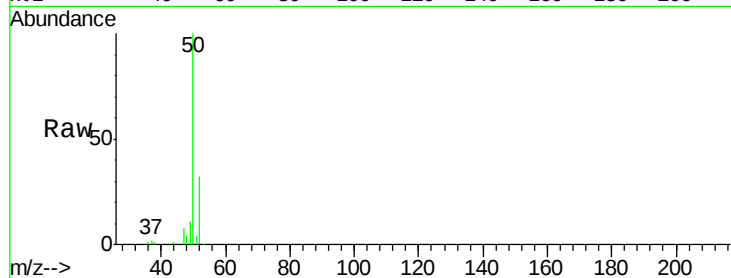
52 32.0 27.0 40.4

Manual Integrations

APPROVED

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7/30/2020 6:21:00 PM



#4

Vinyl Chloride

Concen: 40.535 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062643.D

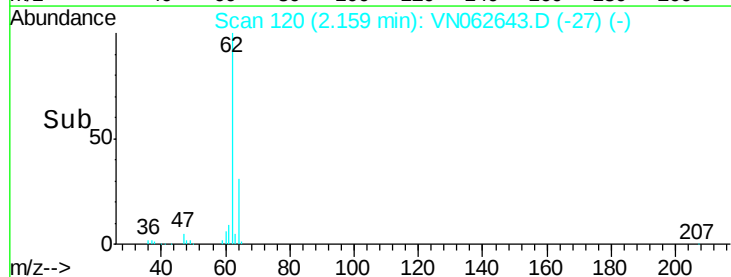
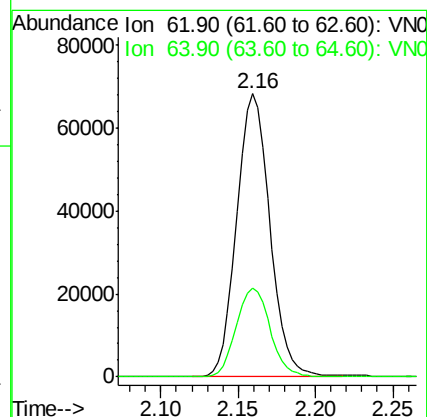
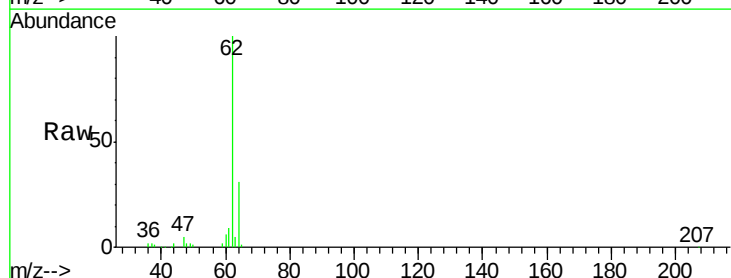
Acq: 29 Jul 2020 10:00

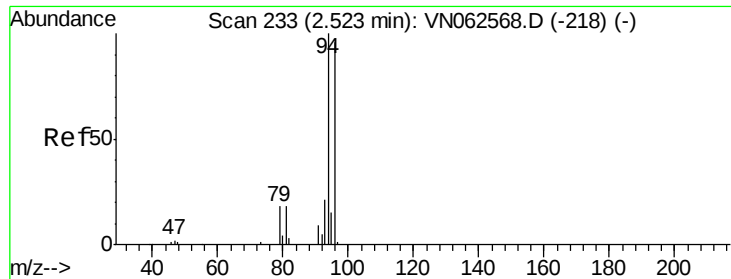
Tgt Ion: 62 Resp: 101979

Ion Ratio Lower Upper

62 100

64 31.2 25.8 38.8





#5

Bromomethane

Concen: 47.593 ug/l

RT: 2.51 min Scan# 230

Delta R.T. -0.01 min

Lab File: VN062643.D

Acq: 29 Jul 2020 10:00

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 53033

Ion Ratio Lower Upper

94 100

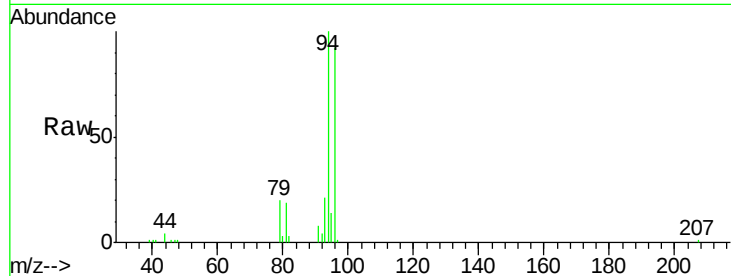
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Manual Integrations

APPROVED

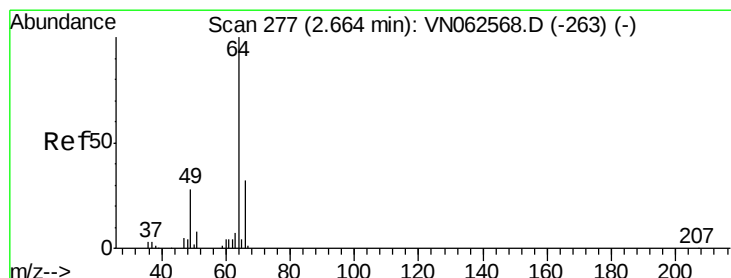
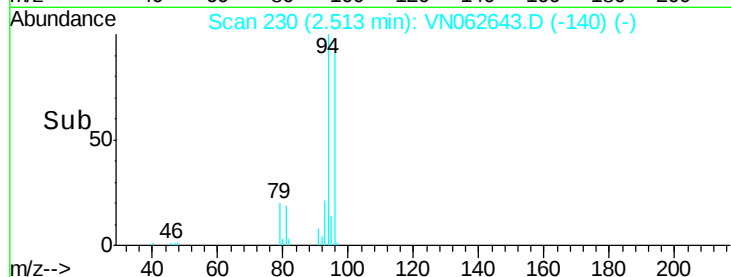
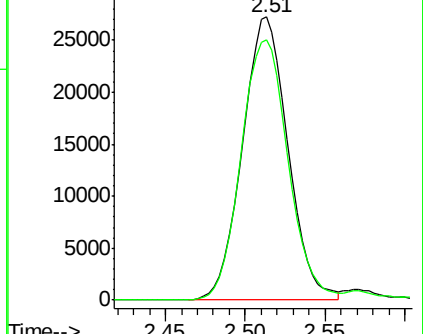
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7/30/2020 6:21:00 PM



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 46.825 ug/l

RT: 2.66 min Scan# 276

Delta R.T. -0.00 min

Lab File: VN062643.D

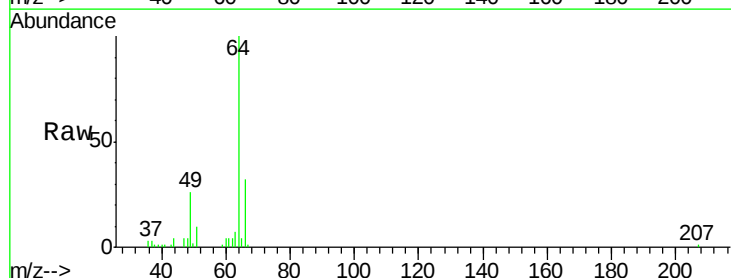
Acq: 29 Jul 2020 10:00

Tgt Ion: 64 Resp: 53288

Ion Ratio Lower Upper

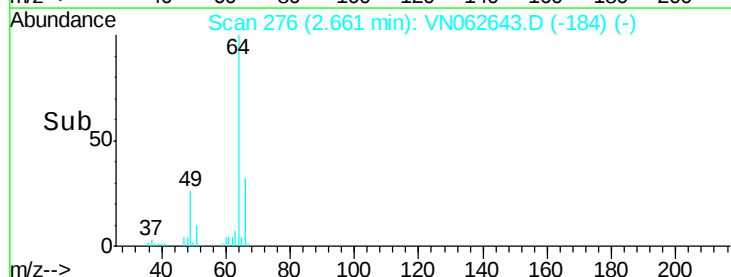
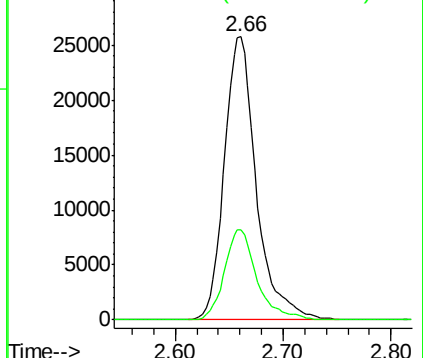
64 100

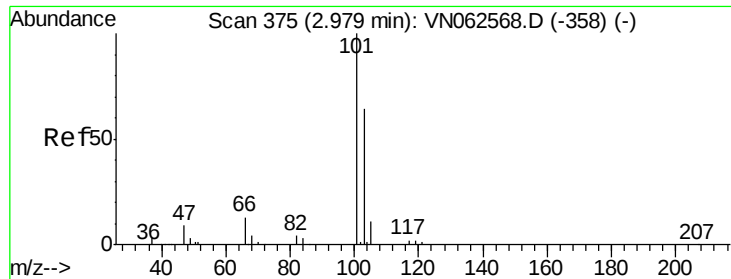
66 31.8 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

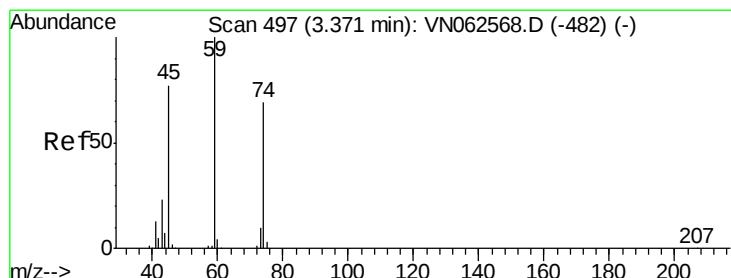
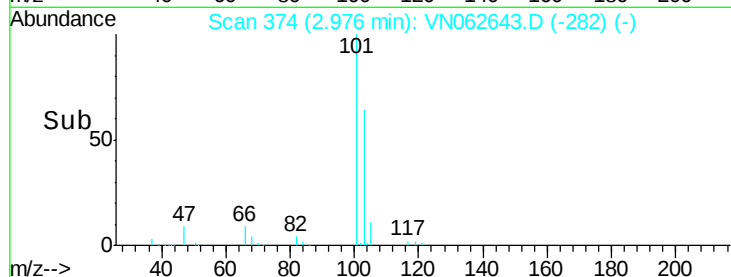
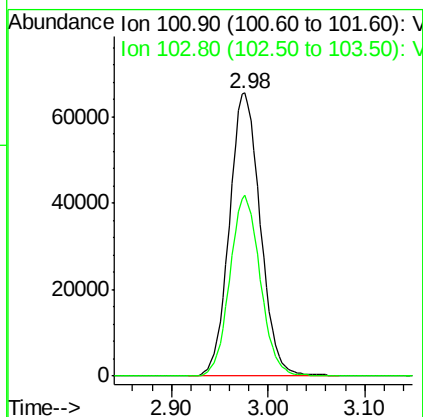
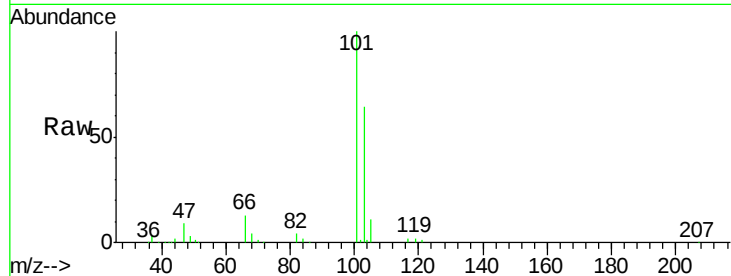
Trichlorofluoromethane  
Concen: 49.261 ug/l  
RT: 2.98 min Scan# 374  
Delta R.T. -0.00 min  
Lab File: VN062643.D  
Acq: 29 Jul 2020 10:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 101 Resp: 145509  
Ion Ratio Lower Upper  
101 100  
103 63.9 51.5 77.3

Manual Integrations  
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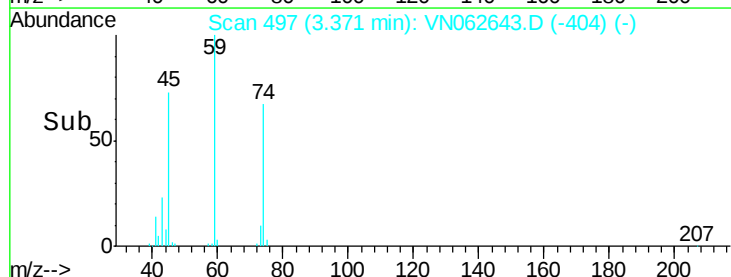
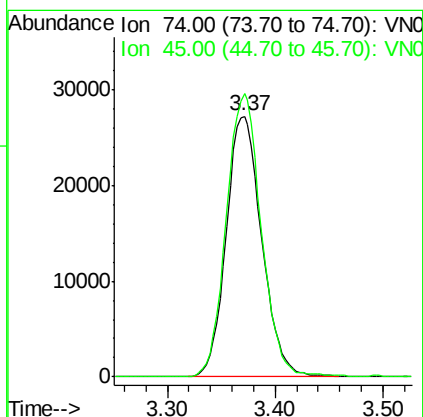
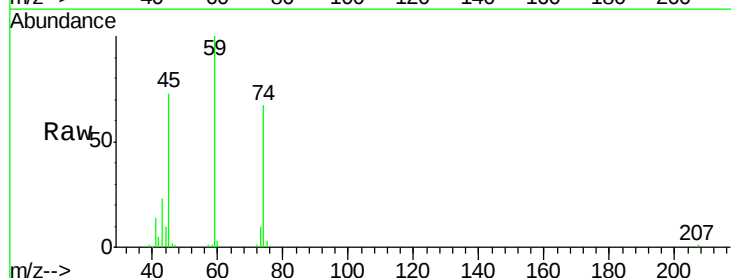
MMDadoda  
7/30/2020 6:21:00 PM

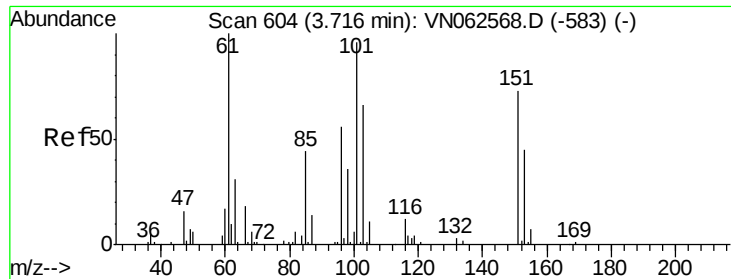


#8

Diethyl Ether  
Concen: 45.054 ug/l  
RT: 3.37 min Scan# 497  
Delta R.T. -0.00 min  
Lab File: VN062643.D  
Acq: 29 Jul 2020 10:00

Tgt Ion: 74 Resp: 62234  
Ion Ratio Lower Upper  
74 100  
45 106.8 55.3 165.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.067 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062643.D

Acq: 29 Jul 2020 10:00

Instrument :

MSVOA\_N

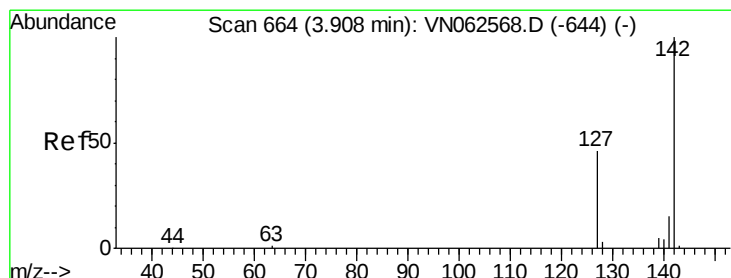
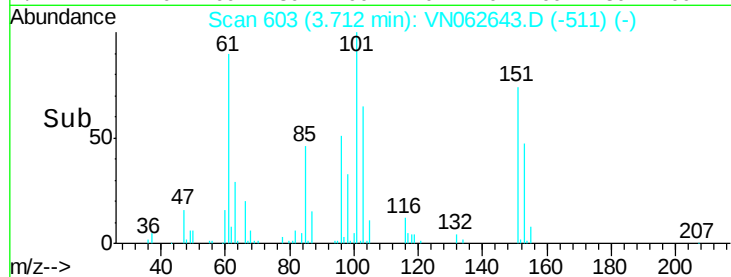
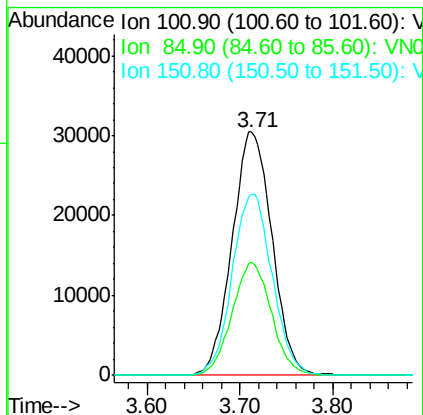
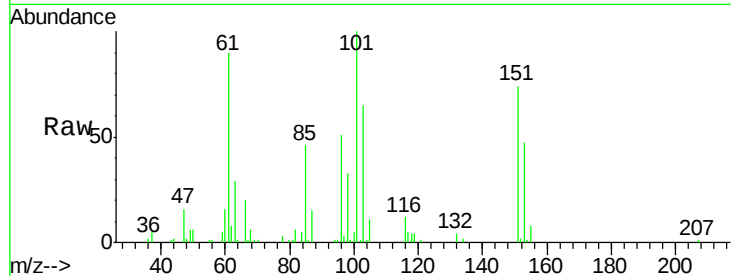
ClientSampleId :

VSTDCCC050

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 101   | Resp: | 91032 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 45.7  | 36.0  | 54.0  |
| 151       | 74.5  | 60.0  | 90.0  |

Manual Integrations  
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MMDadoda  
7/30/2020 6:21:00 PM



#10

Methyl Iodide

Concen: 46.412 ug/l

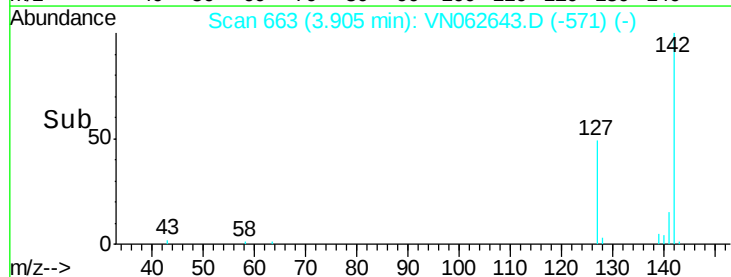
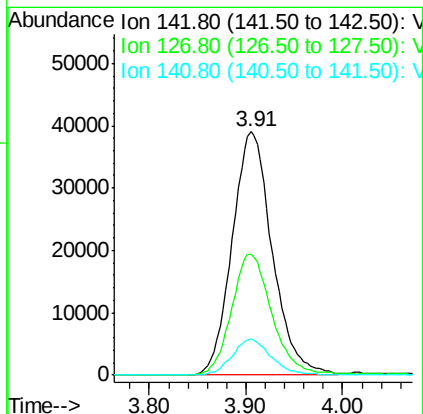
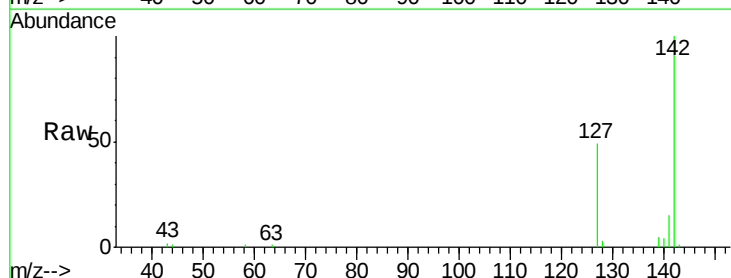
RT: 3.91 min Scan# 663

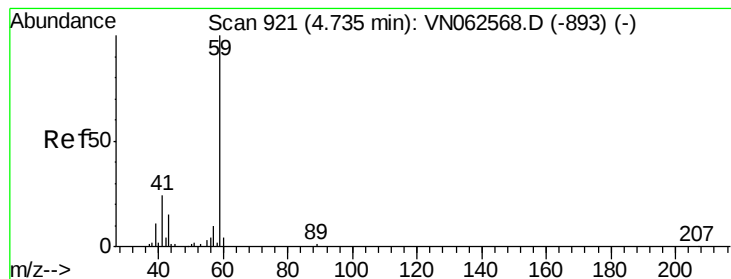
Delta R.T. -0.00 min

Lab File: VN062643.D

Acq: 29 Jul 2020 10:00

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 112373 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 49.5  | 37.4  | 56.0   |
| 141       | 14.3  | 11.9  | 17.9   |





#11

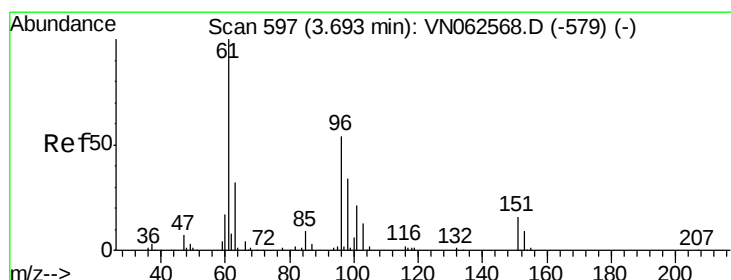
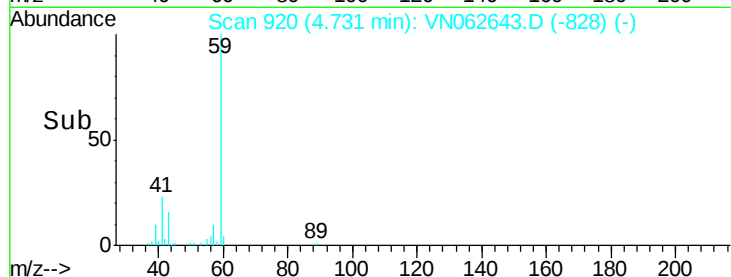
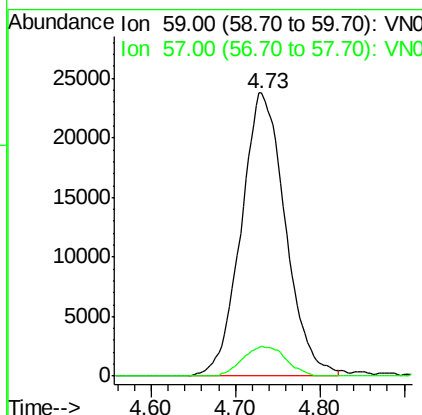
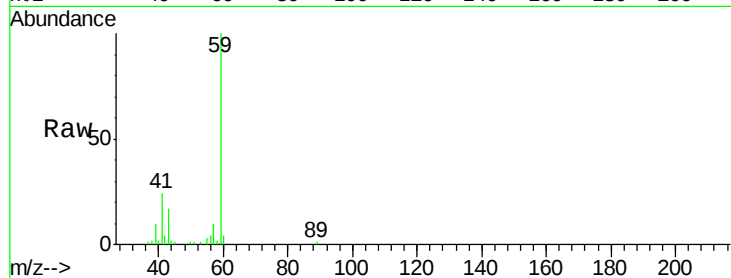
Tert butyl alcohol  
 Concen: 195.616 ug/l  
 RT: 4.73 min Scan# 920  
 Delta R.T. -0.00 min  
 Lab File: VN062643.D  
 Acq: 29 Jul 2020 10:00

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.2  | 8.2   | 12.2  |

Manual Integrations  
 APPROVED

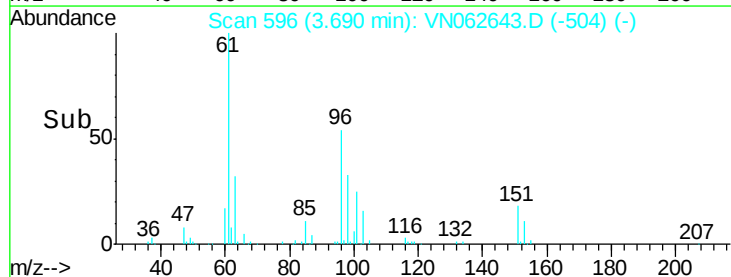
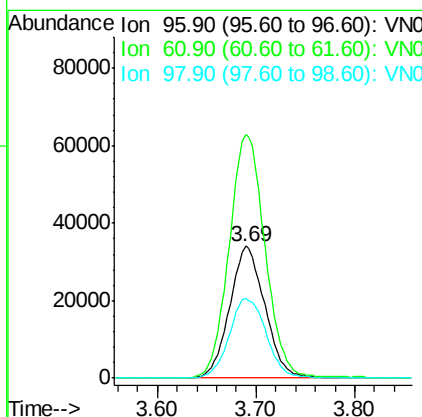
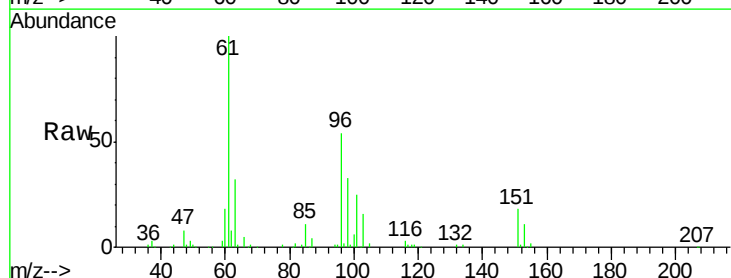
MMDadoda  
 7/30/2020 6:21:00 PM

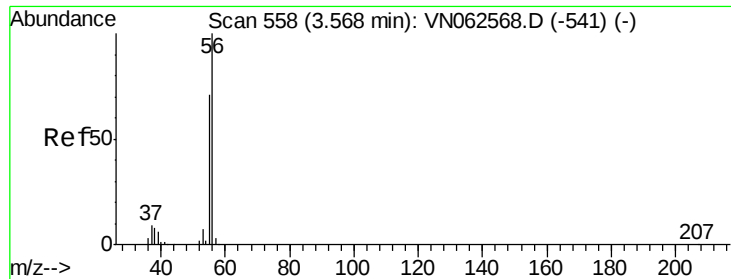


#12

1,1-Dichloroethene  
 Concen: 44.068 ug/l  
 RT: 3.69 min Scan# 596  
 Delta R.T. -0.00 min  
 Lab File: VN062643.D  
 Acq: 29 Jul 2020 10:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 184.6 | 148.6 | 222.8 |
| 98      | 60.1  | 50.6  | 75.8  |





#13

Acrolein

Concen: 234.403 ug/l

RT: 3.56 min Scan# 556

Delta R.T. -0.01 min

Lab File: VN062643.D

Acq: 29 Jul 2020 10:00

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 108112

Ion Ratio Lower Upper

56 100

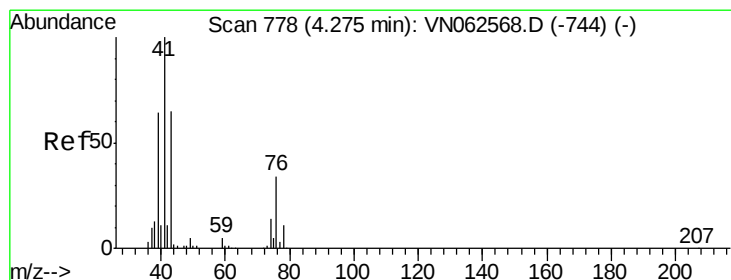
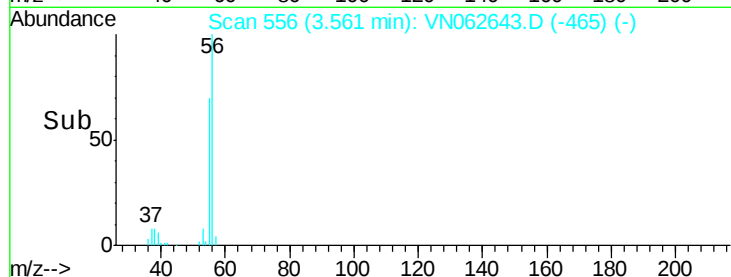
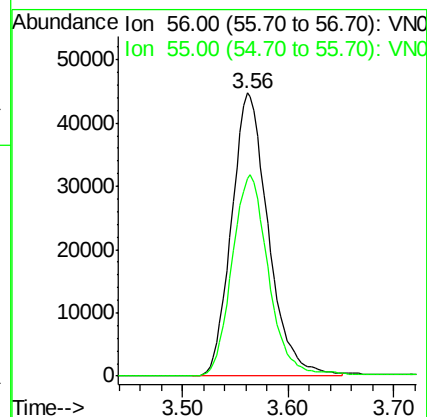
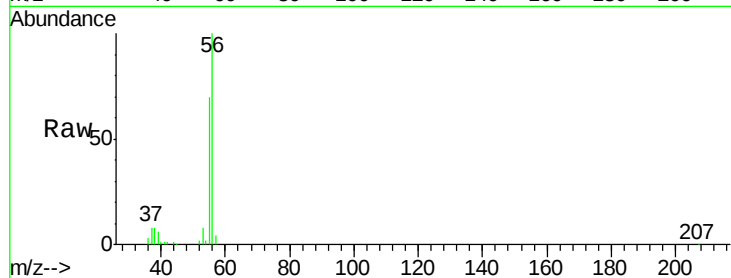
55 70.8 57.0 85.4

Manual Integrations

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MMDadoda

7/30/2020 6:21:00 PM



#14

Allyl chloride

Concen: 41.899 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062643.D

Acq: 29 Jul 2020 10:00

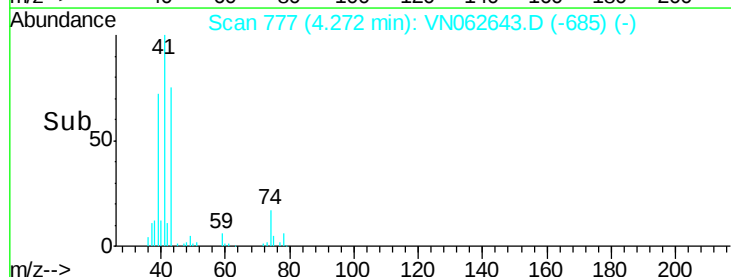
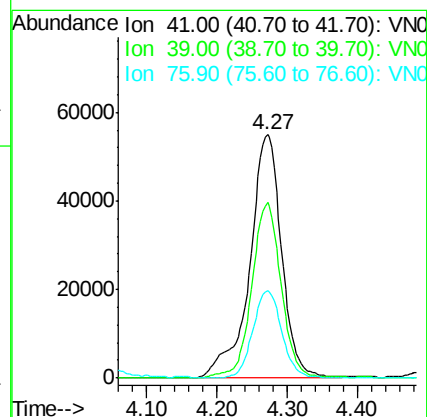
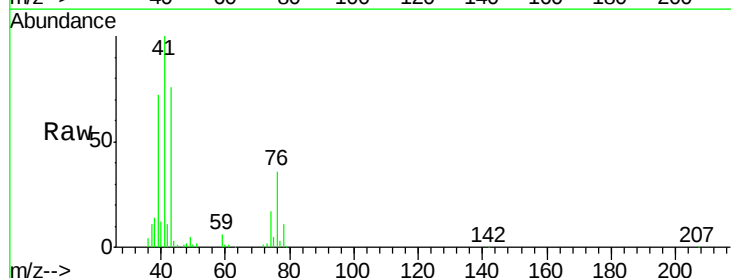
Tgt Ion: 41 Resp: 174079

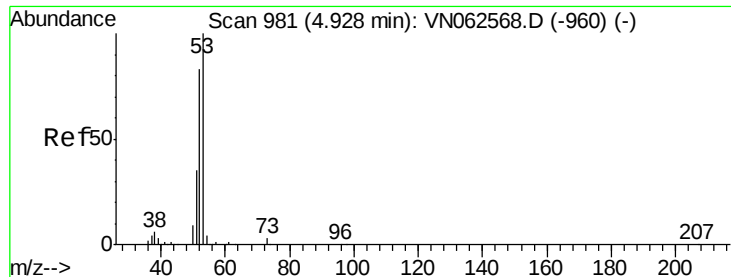
Ion Ratio Lower Upper

41 100

39 66.3 49.0 73.4

76 31.3 24.0 36.0





#15

Acrylonitrile

Concen: 226.978 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062643.D

Acq: 29 Jul 2020 10:00

Instrument :

MSVOA\_N

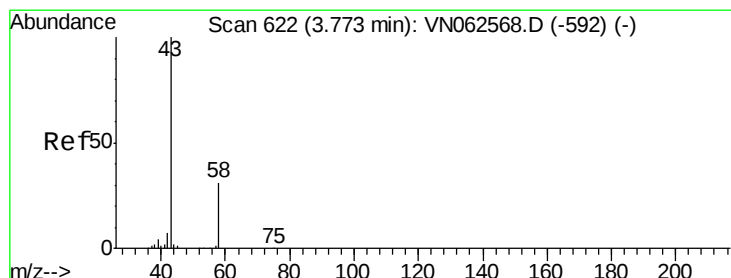
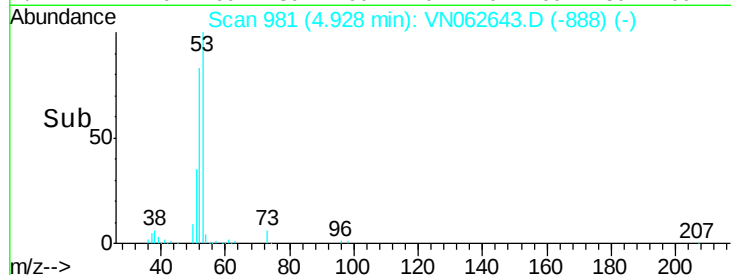
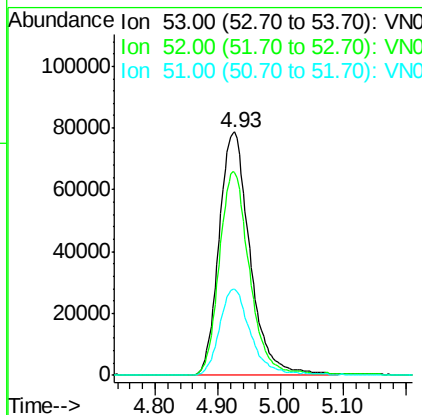
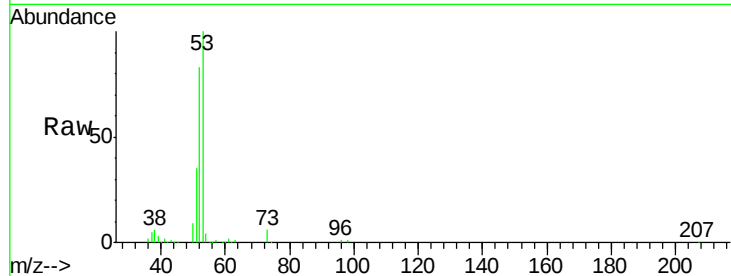
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 53    | Resp: | 269505 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 81.8  | 66.3  | 99.5   |
| 51       | 35.1  | 28.6  | 43.0   |

Manual Integrations  
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7/30/2020 6:21:00 PM



#16

Acetone

Concen: 256.441 ug/l

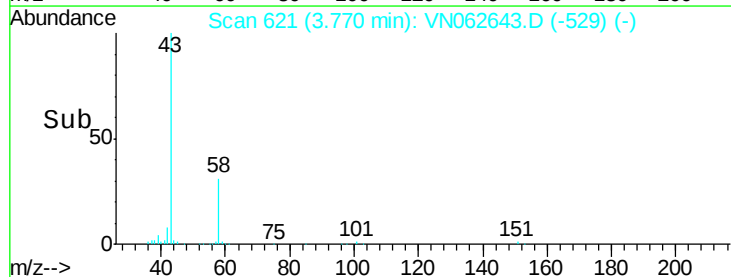
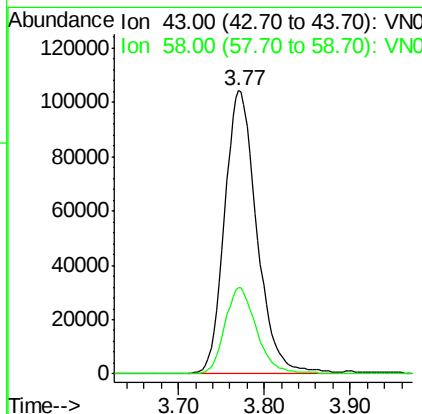
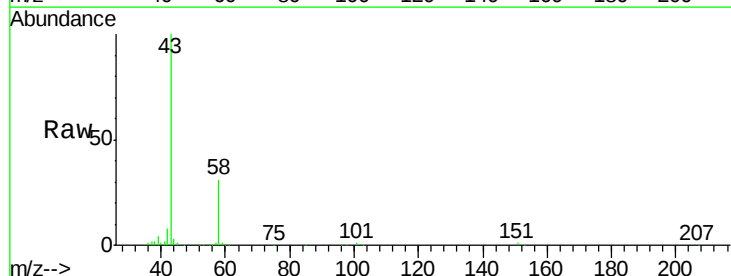
RT: 3.77 min Scan# 621

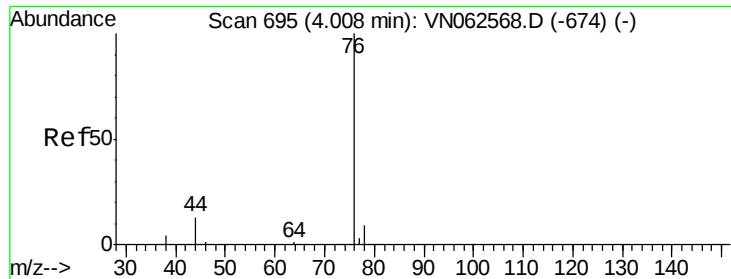
Delta R.T. -0.00 min

Lab File: VN062643.D

Acq: 29 Jul 2020 10:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 268912 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 30.7  | 24.6  | 37.0   |





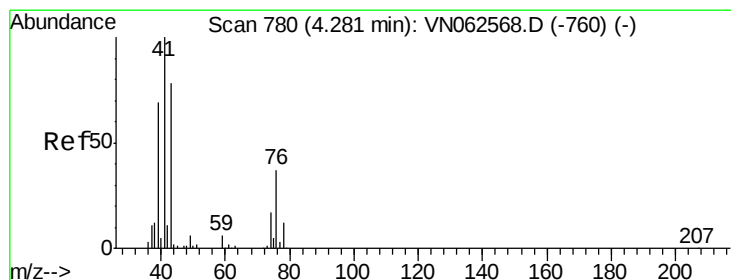
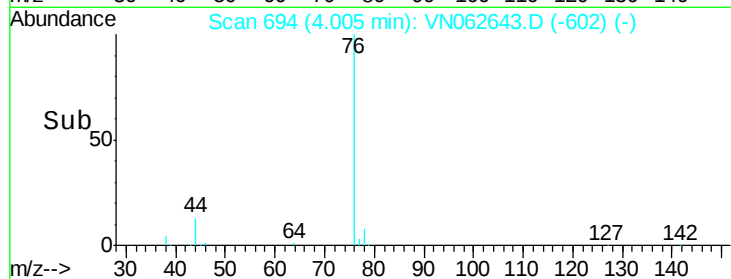
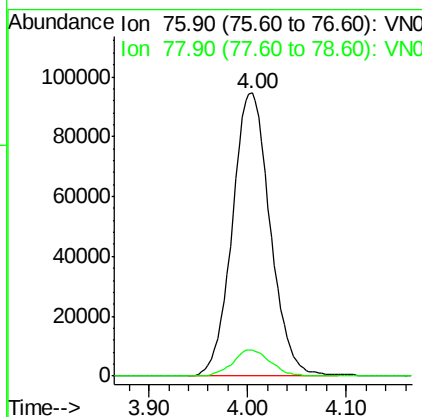
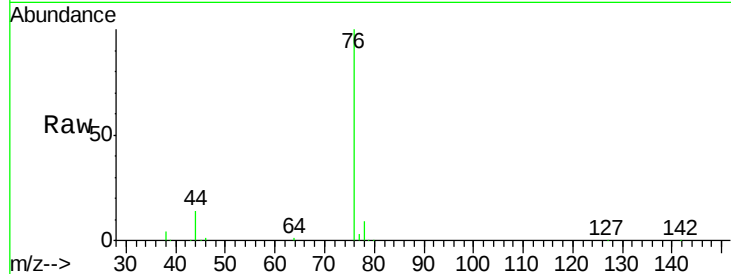
#17  
Carbon Disulfide  
Concen: 39.927 ug/l  
RT: 4.00 min Scan# 694  
Delta R.T. -0.00 min  
Lab File: VN062643.D  
Acq: 29 Jul 2020 10:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 76 Resp: 251975  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.3 10.9

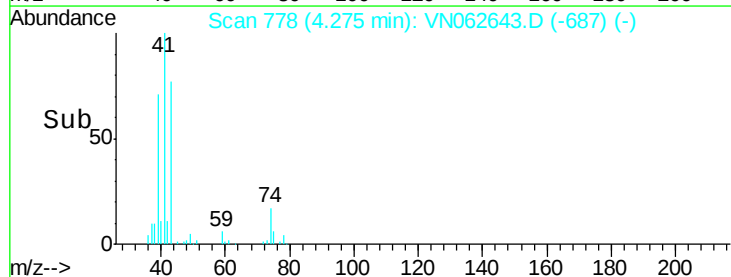
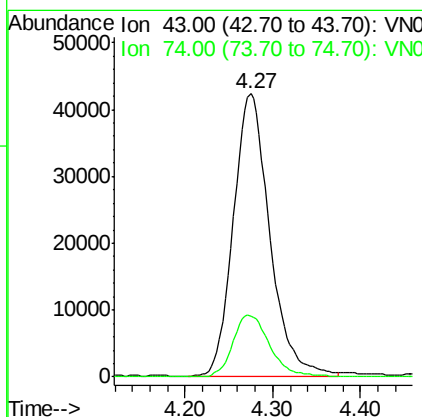
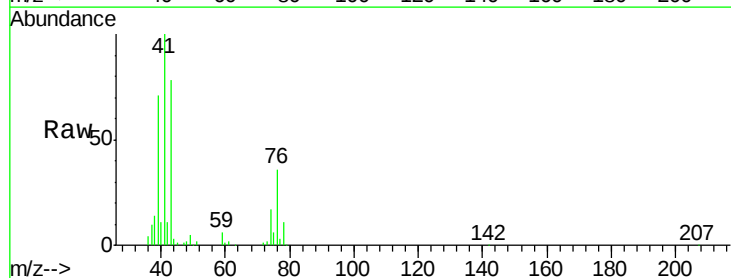
Manual Integrations  
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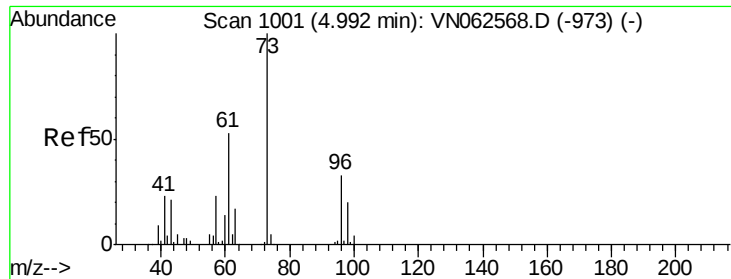
MMDadoda  
7/30/2020 6:21:00 PM



#18  
Methyl Acetate  
Concen: 46.350 ug/l  
RT: 4.27 min Scan# 778  
Delta R.T. -0.01 min  
Lab File: VN062643.D  
Acq: 29 Jul 2020 10:00

Tgt Ion: 43 Resp: 123044  
Ion Ratio Lower Upper  
43 100  
74 22.0 16.6 24.8





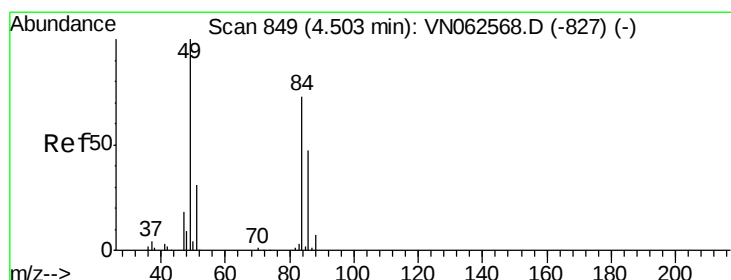
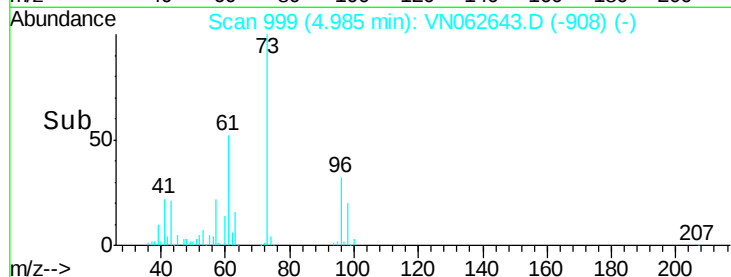
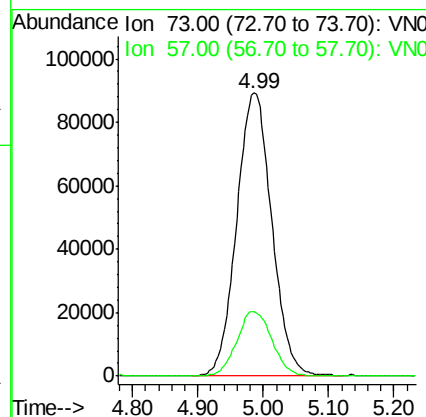
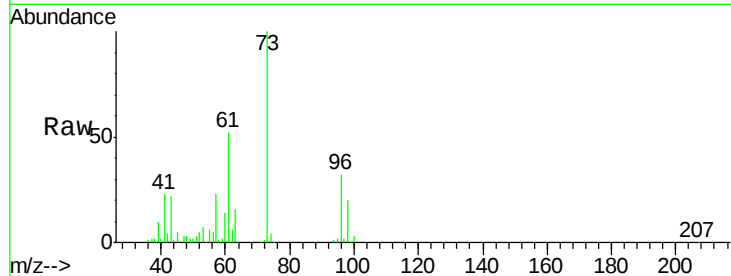
#19  
Methyl tert-butyl Ether  
Concen: 47.188 ug/l  
RT: 4.99 min Scan# 999  
Delta R.T. -0.01 min  
Lab File: VN062643.D  
Acq: 29 Jul 2020 10:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 73 Resp: 333594  
Ion Ratio Lower Upper  
73 100  
57 22.7 18.6 27.8

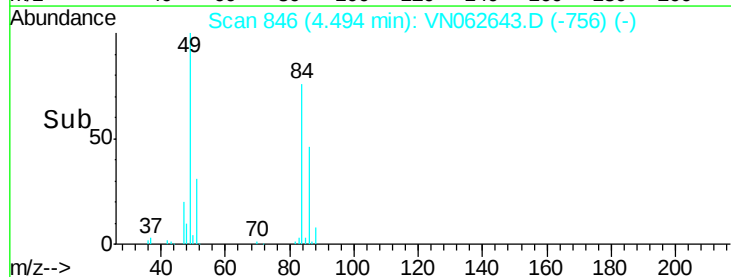
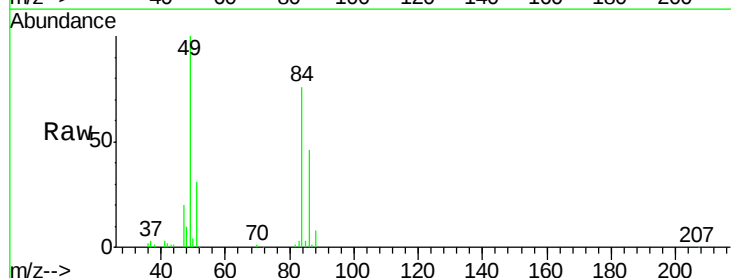
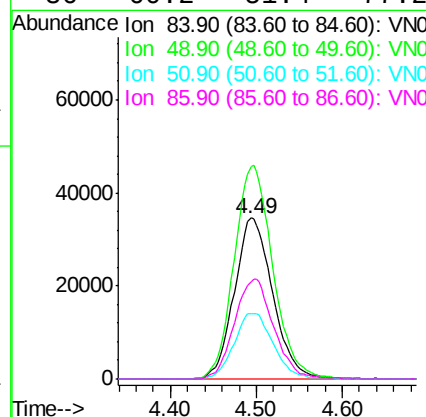
Manual Integrations  
APPROVED

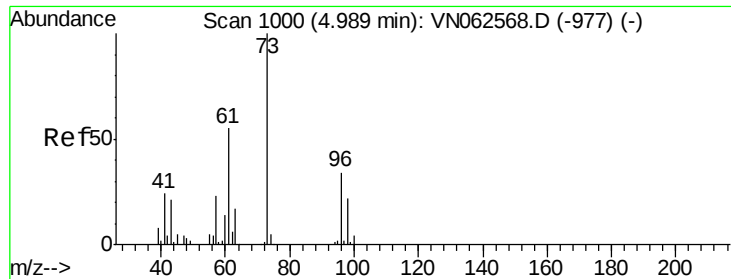
MMDadoda  
7/30/2020 6:21:00 PM



#20  
Methylene Chloride  
Concen: 42.699 ug/l  
RT: 4.49 min Scan# 846  
Delta R.T. -0.01 min  
Lab File: VN062643.D  
Acq: 29 Jul 2020 10:00

Tgt Ion: 84 Resp: 107389  
Ion Ratio Lower Upper  
84 100  
49 131.8 109.4 164.0  
51 40.7 33.6 50.4  
86 60.2 51.4 77.2





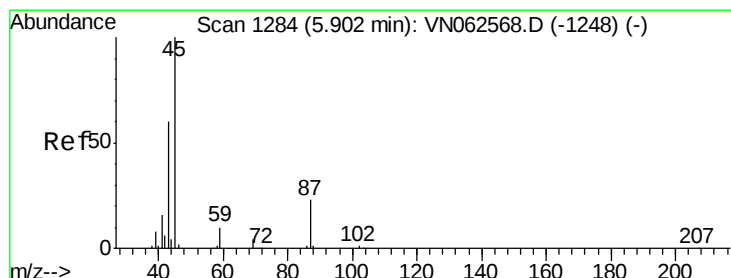
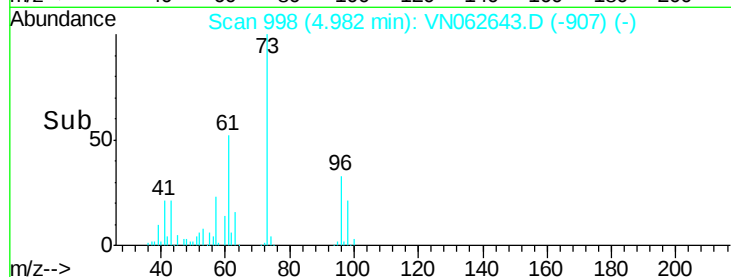
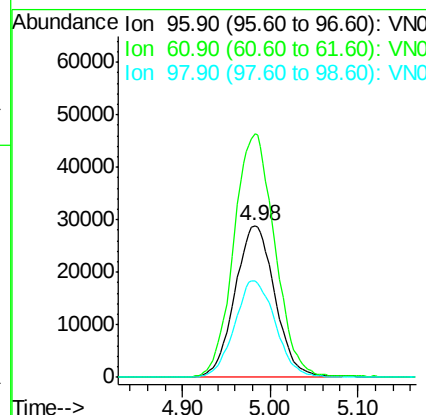
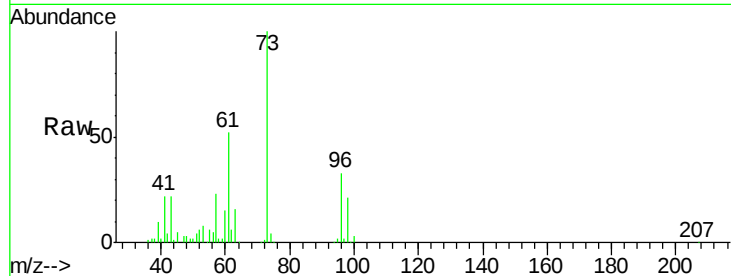
#21  
trans-1,2-Dichloroethene  
Concen: 42.989 ug/l  
RT: 4.98 min Scan# 998  
Delta R.T. -0.01 min  
Lab File: VN062643.D  
Acq: 29 Jul 2020 10:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 160.6 | 128.6 | 192.8 |
| 98      | 63.5  | 50.6  | 76.0  |

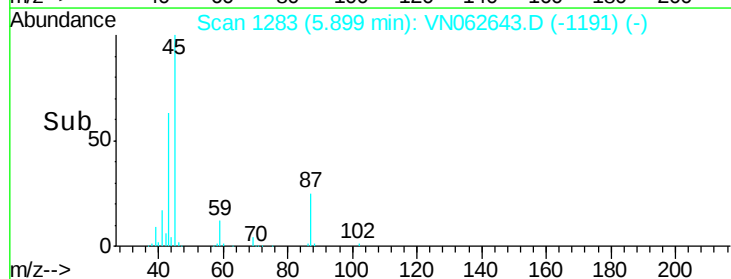
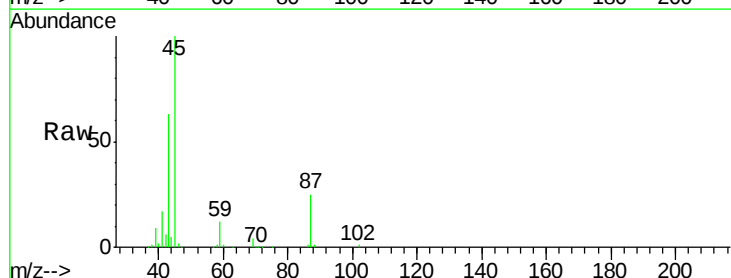
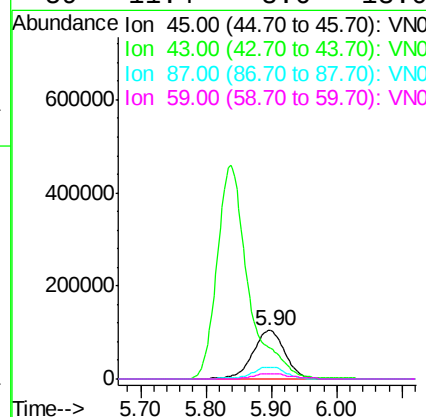
Manual Integrations  
APPROVED

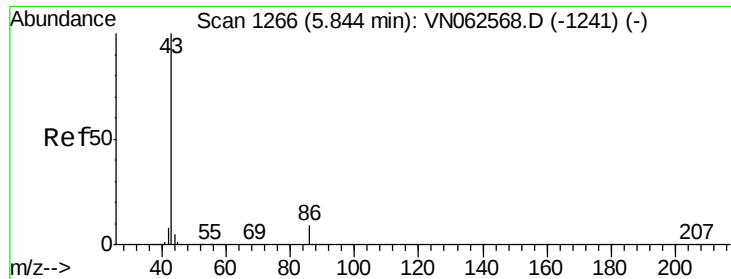
MMDadoda  
7/30/2020 6:21:00 PM



#22  
Diisopropyl ether  
Concen: 43.878 ug/l  
RT: 5.90 min Scan# 1283  
Delta R.T. -0.00 min  
Lab File: VN062643.D  
Acq: 29 Jul 2020 10:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 60.8  | 48.7  | 73.1  |
| 87      | 24.7  | 19.0  | 28.6  |
| 59      | 11.4  | 8.6   | 13.0  |





#23

Vinyl Acetate

Concen: 226.153 ug/l

RT: 5.84 min Scan# 1264

Delta R.T. -0.01 min

Lab File: VN062643.D

Acq: 29 Jul 2020 10:00

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1530352

Ion Ratio Lower Upper

43 100

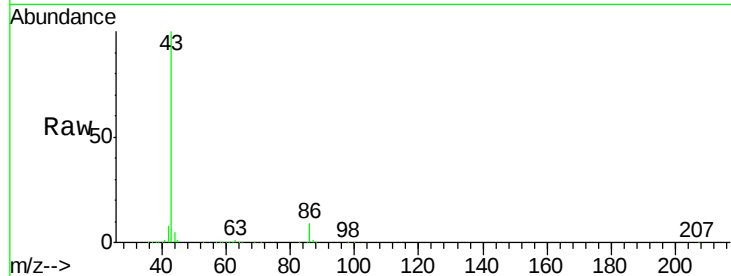
86 9.0 6.9 10.3

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.84

400000

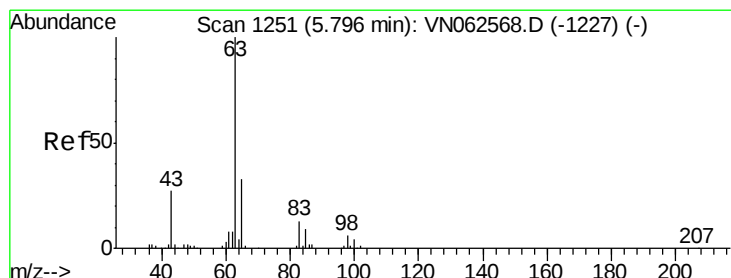
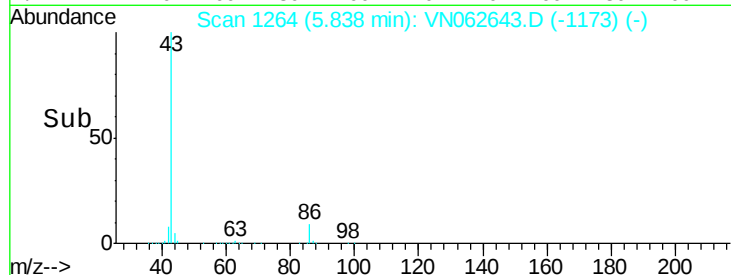
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 44.483 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VN062643.D

Acq: 29 Jul 2020 10:00

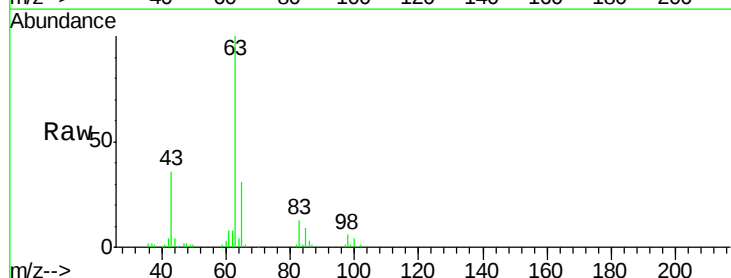
Tgt Ion: 63 Resp: 197823

Ion Ratio Lower Upper

63 100

98 5.6 2.9 8.8

100 3.7 1.8 5.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

5.79

80000

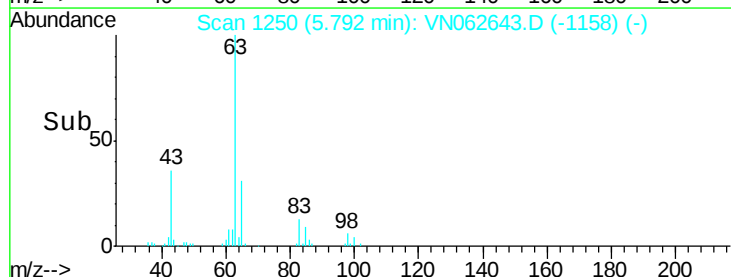
60000

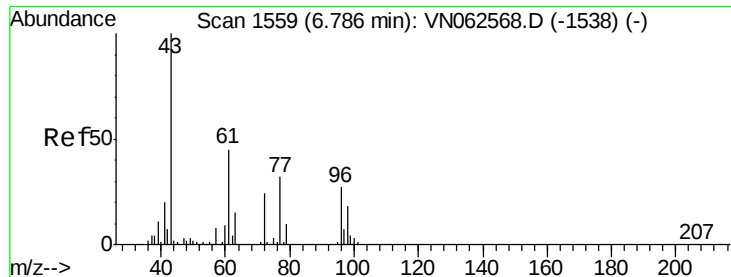
40000

20000

0

Time-->





#25

2-Butanone

Concen: 227.808 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN062643.D

Acq: 29 Jul 2020 10:00

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 363817

Ion Ratio Lower Upper

43 100

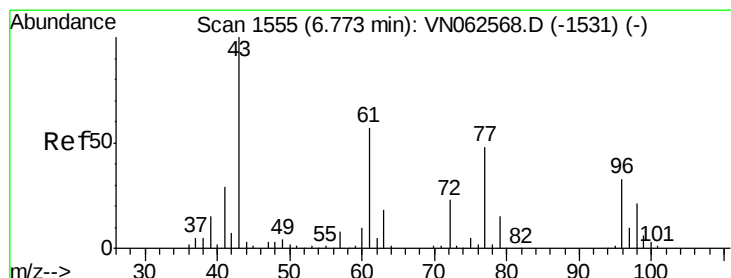
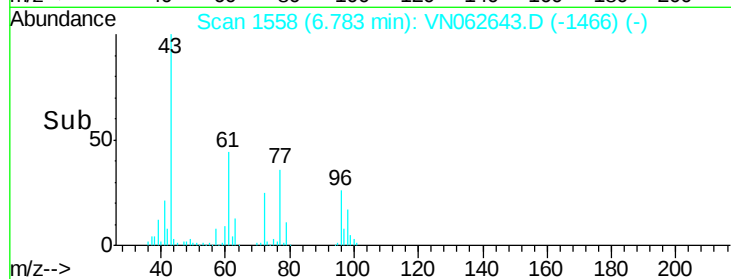
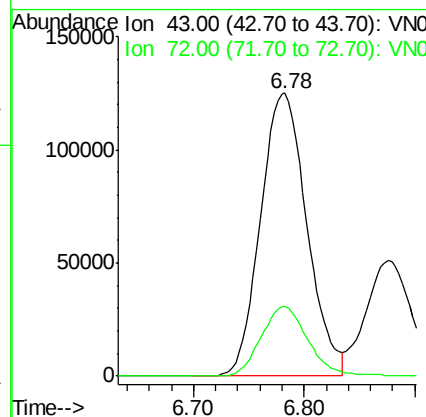
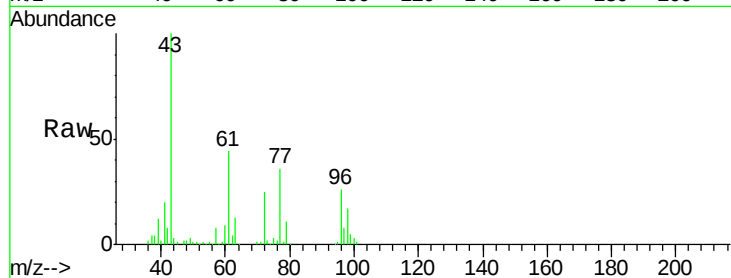
72 24.7 19.0 28.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 47.280 ug/l

RT: 6.77 min Scan# 1554

Delta R.T. -0.00 min

Lab File: VN062643.D

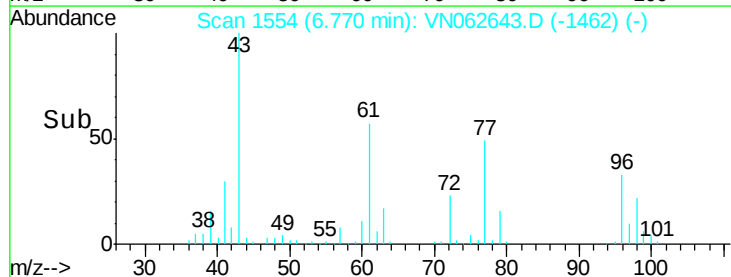
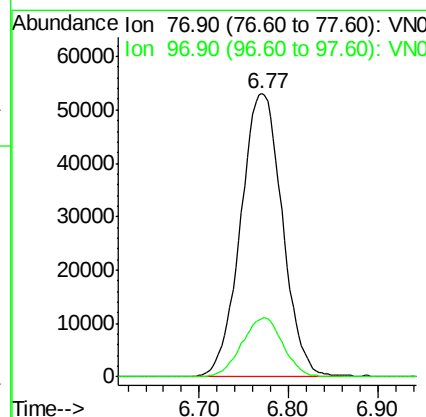
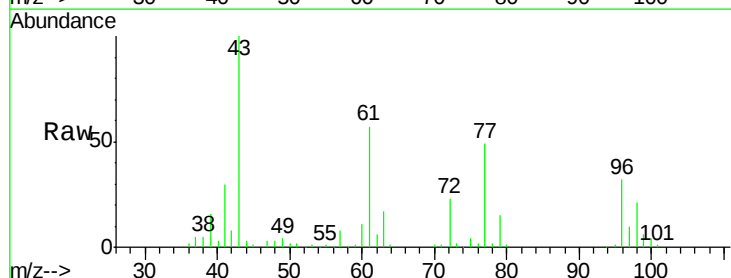
Acq: 29 Jul 2020 10:00

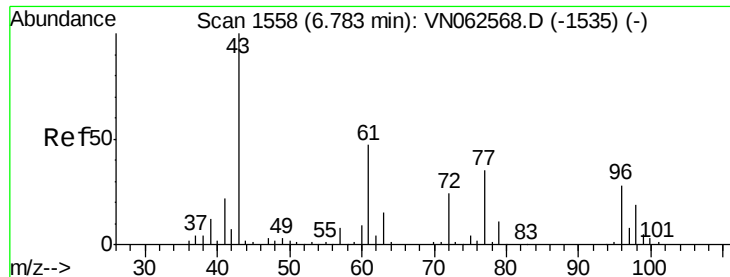
Tgt Ion: 77 Resp: 172608

Ion Ratio Lower Upper

77 100

97 20.5 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 43.759 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.01 min

Lab File: VN062643.D

Acq: 29 Jul 2020 10:00

Instrument :

MSVOA\_N

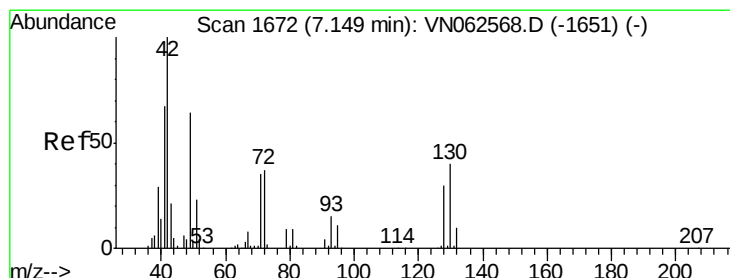
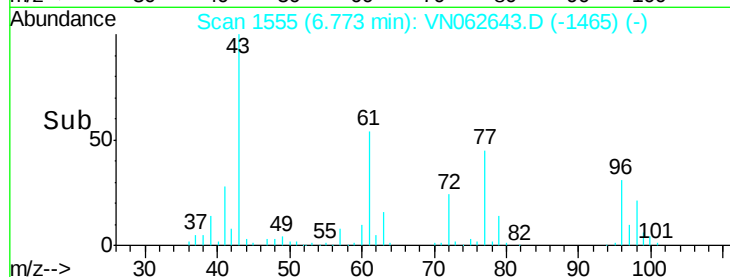
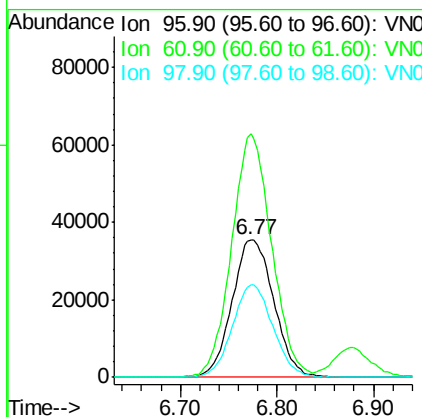
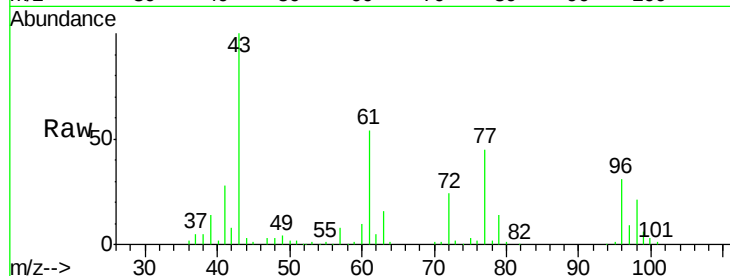
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 96    | Resp: | 106447 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 169.4 | 0.0   | 332.4  |
| 98       | 65.3  | 0.0   | 127.4  |

Manual Integrations  
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#28

Bromochloromethane

Concen: 45.284 ug/l

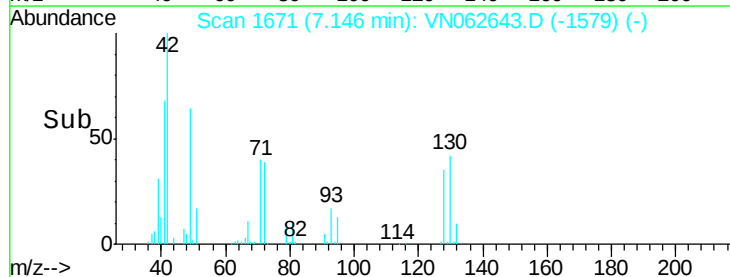
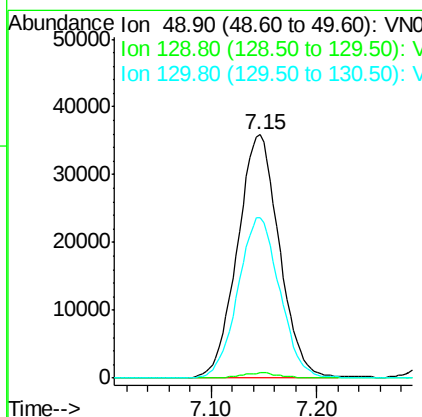
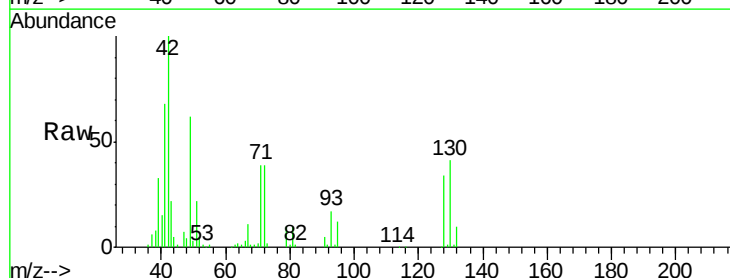
RT: 7.15 min Scan# 1671

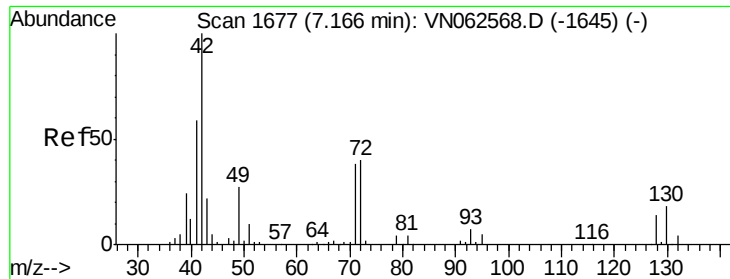
Delta R.T. -0.00 min

Lab File: VN062643.D

Acq: 29 Jul 2020 10:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 99109 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 1.9   | 0.0   | 3.4   |
| 130      | 65.9  | 49.8  | 74.8  |





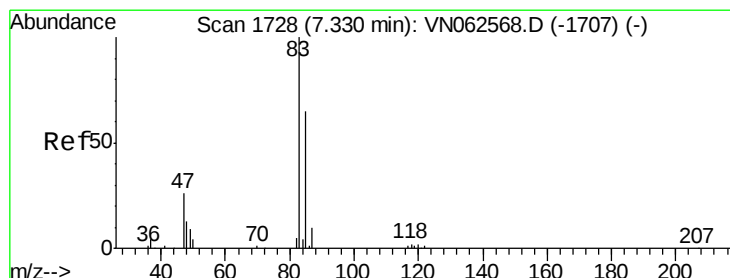
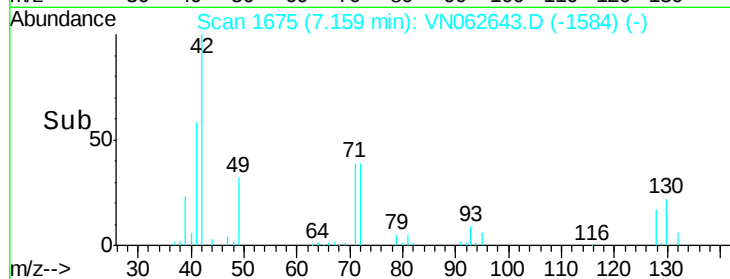
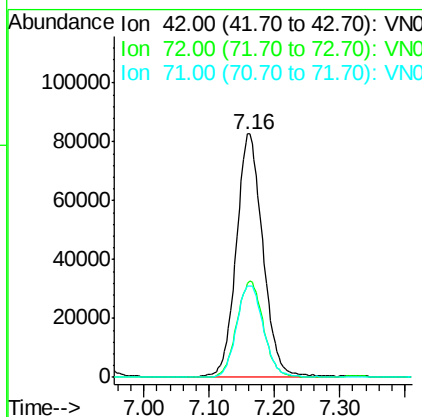
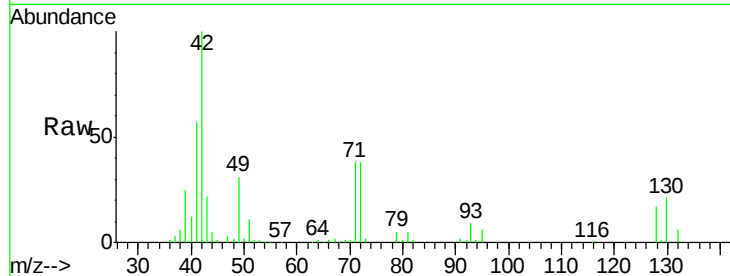
#29  
Tetrahydrofuran  
Concen: 217.342 ug/l  
RT: 7.16 min Scan# 1675  
Delta R.T. -0.01 min  
Lab File: VN062643.D  
Acq: 29 Jul 2020 10:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 39.5  | 30.7  | 46.1  |
| 71      | 38.2  | 29.1  | 43.7  |

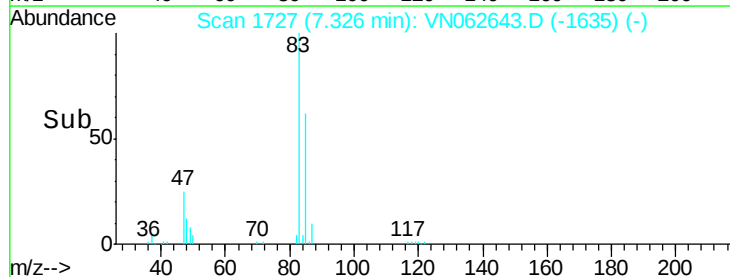
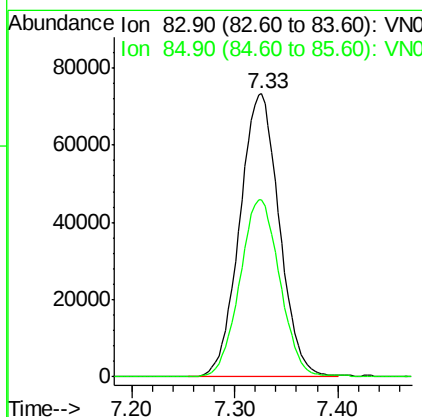
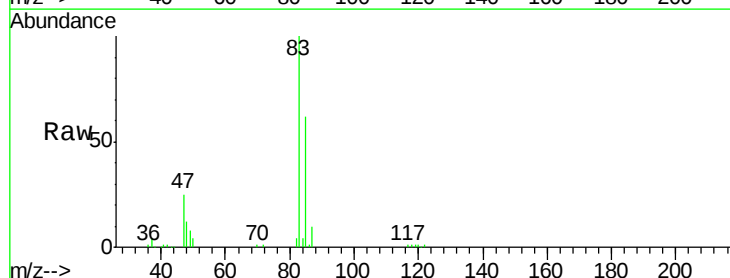
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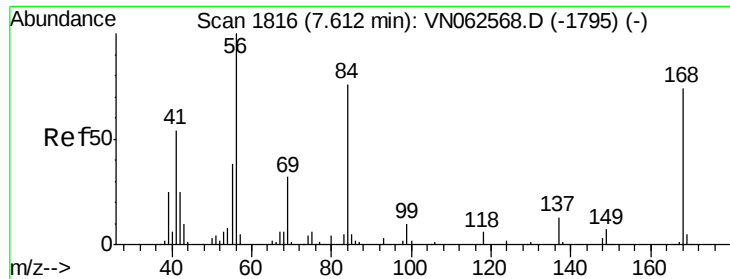
MMDadoda  
7/30/2020 6:21:00 PM



#30  
Chloroform  
Concen: 46.209 ug/l  
RT: 7.33 min Scan# 1727  
Delta R.T. -0.00 min  
Lab File: VN062643.D  
Acq: 29 Jul 2020 10:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 62.4  | 52.0  | 78.0  |





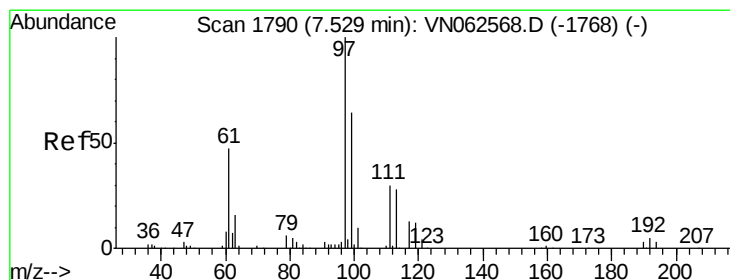
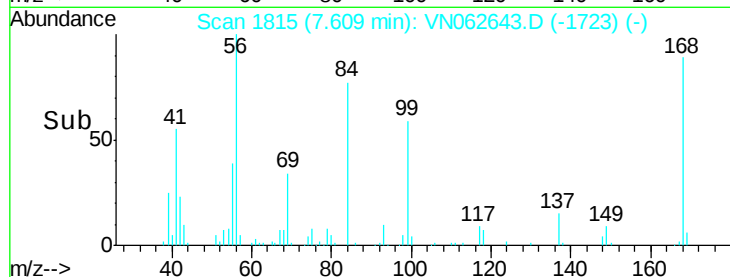
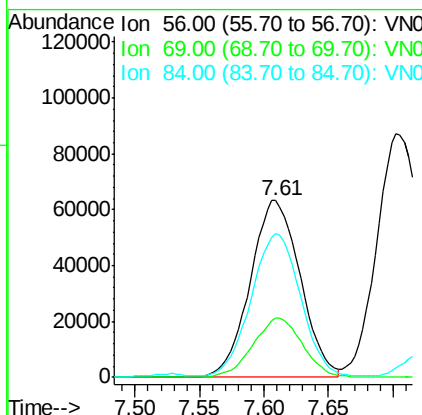
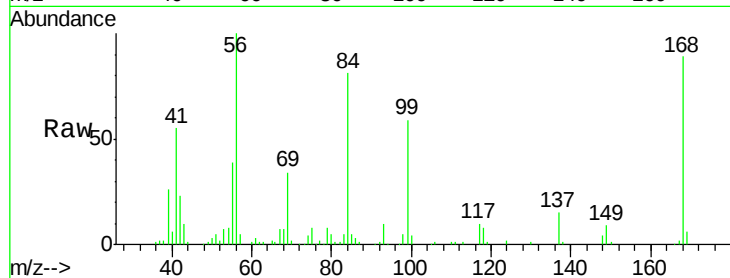
#31  
Cyclohexane  
Concen: 41.582 ug/l  
RT: 7.61 min Scan# 1815  
Delta R.T. -0.00 min  
Lab File: VN062643.D  
Acq: 29 Jul 2020 10:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 33.8  | 25.3  | 37.9  |
| 84      | 80.4  | 61.0  | 91.4  |

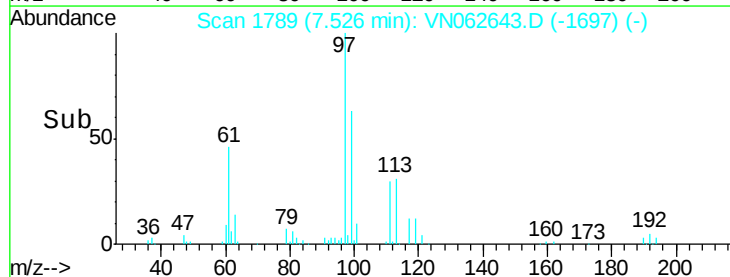
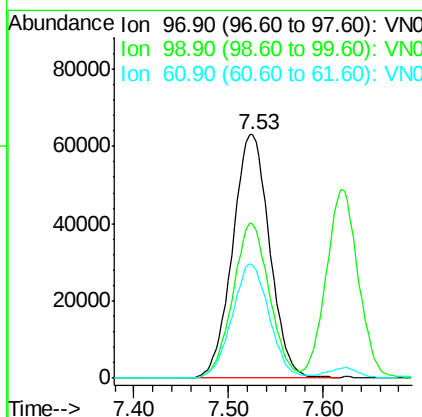
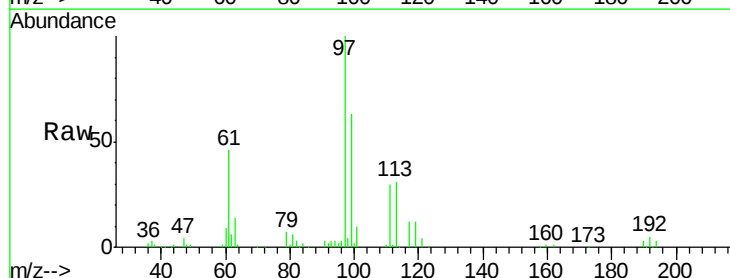
Manual Integrations  
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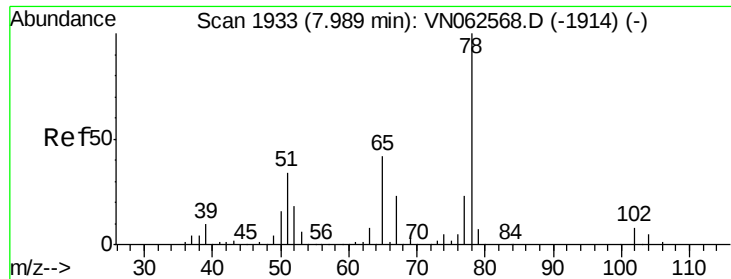
MMDadoda  
7/30/2020 6:21:00 PM



#32  
1,1,1-Trichloroethane  
Concen: 48.649 ug/l  
RT: 7.53 min Scan# 1789  
Delta R.T. -0.00 min  
Lab File: VN062643.D  
Acq: 29 Jul 2020 10:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 62.6  | 51.2  | 76.8  |
| 61      | 46.9  | 38.4  | 57.6  |





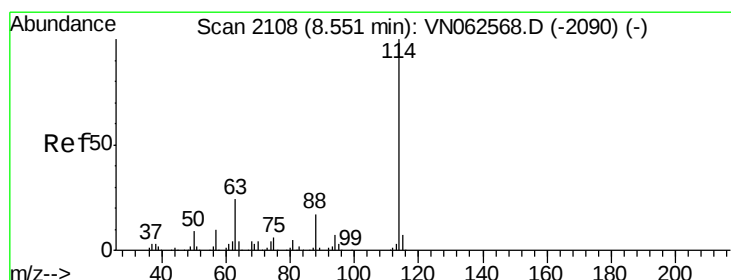
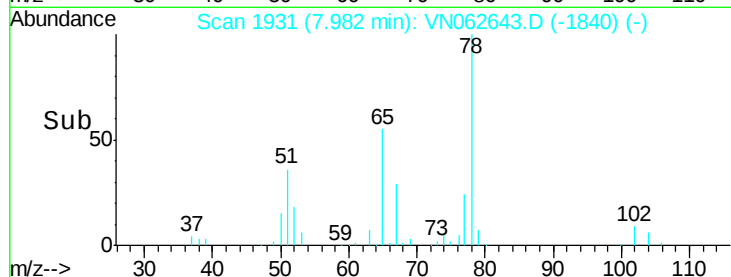
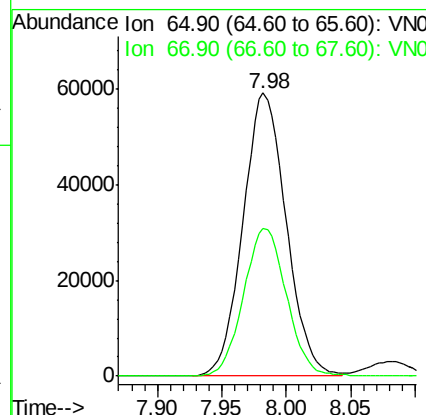
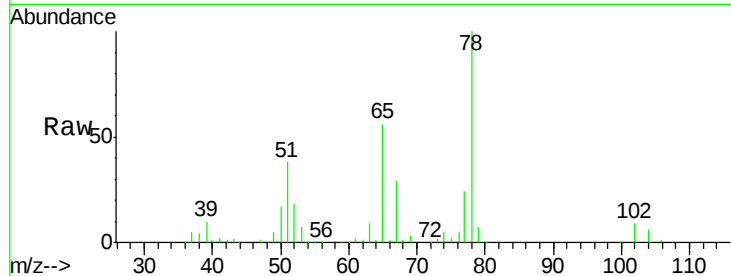
#33  
 1,2-Dichloroethane-d4  
 Concen: 49.594 ug/l  
 RT: 7.98 min Scan# 1931  
 Delta R.T. -0.01 min  
 Lab File: VN062643.D  
 Acq: 29 Jul 2020 10:00

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 65 Resp: 138200  
 Ion Ratio Lower Upper  
 65 100  
 67 52.0 0.0 106.0

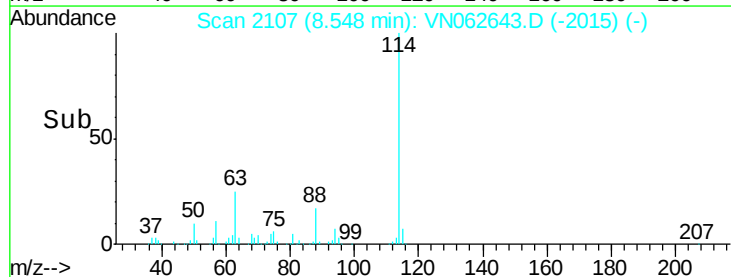
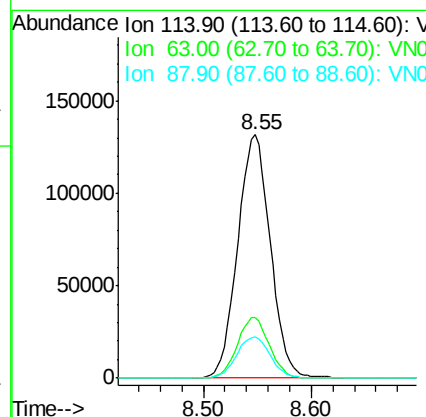
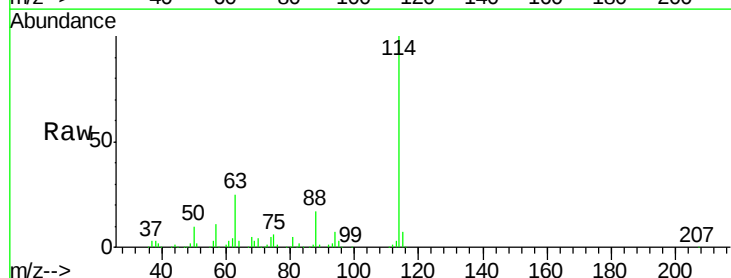
Manual Integrations  
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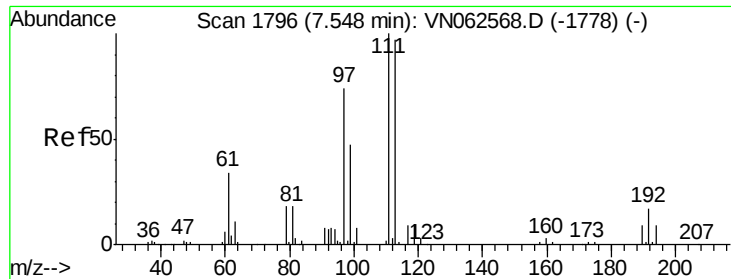
MMDadoda  
 7/30/2020 6:21:00 PM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2107  
 Delta R.T. -0.00 min  
 Lab File: VN062643.D  
 Acq: 29 Jul 2020 10:00

Tgt Ion: 114 Resp: 277742  
 Ion Ratio Lower Upper  
 114 100  
 63 24.7 0.0 48.4  
 88 16.8 0.0 33.8





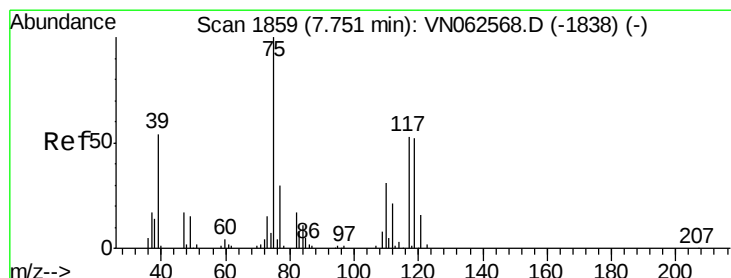
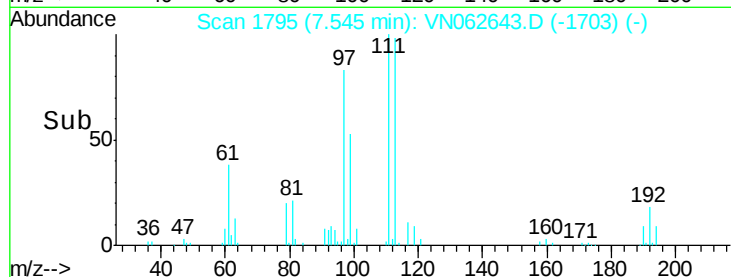
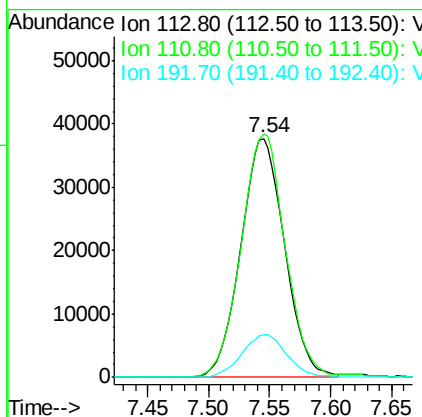
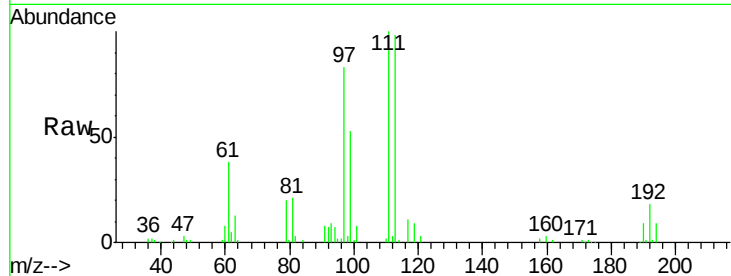
#35  
 Dibromofluoromethane  
 Concen: 51.388 ug/l  
 RT: 7.54 min Scan# 1795  
 Delta R.T. -0.00 min  
 Lab File: VN062643.D  
 Acq: 29 Jul 2020 10:00

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 113     | 100   | 93751 |       |       |
| 111     | 102.3 | 82.7  | 124.1 |       |
| 192     | 18.3  | 14.8  | 22.2  |       |

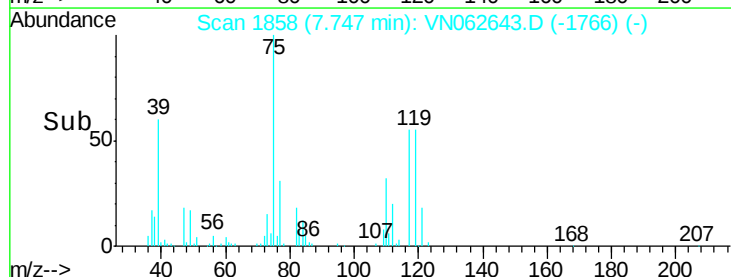
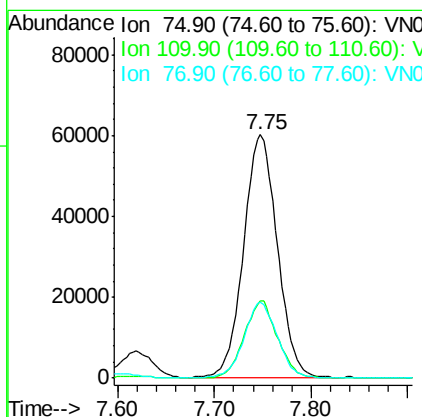
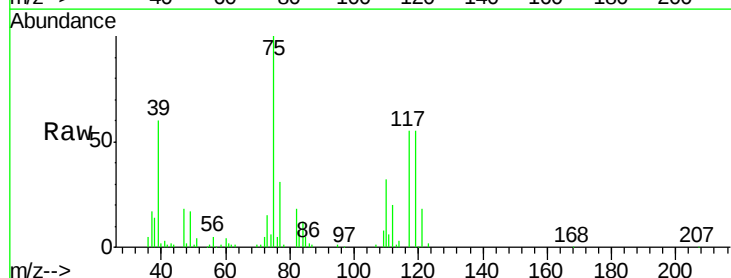
Manual Integrations  
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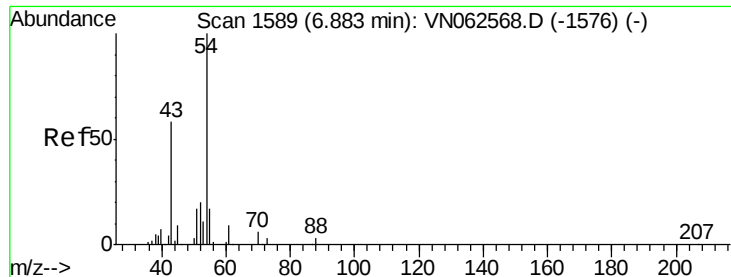
MMDadoda  
 7/30/2020 6:21:00 PM



#36  
 1,1-Dichloropropene  
 Concen: 49.590 ug/l  
 RT: 7.75 min Scan# 1858  
 Delta R.T. -0.00 min  
 Lab File: VN062643.D  
 Acq: 29 Jul 2020 10:00

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 146808 |       |       |
| 110     | 31.0  | 16.0   | 48.0  |       |
| 77      | 30.8  | 24.6   | 36.8  |       |





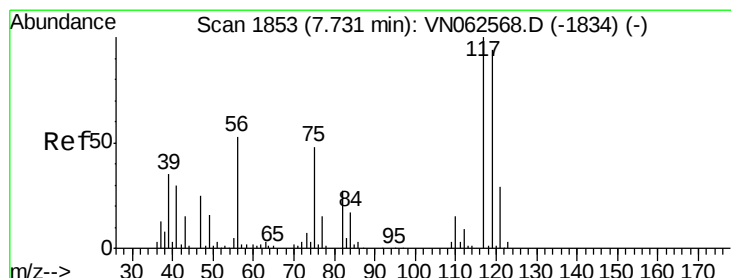
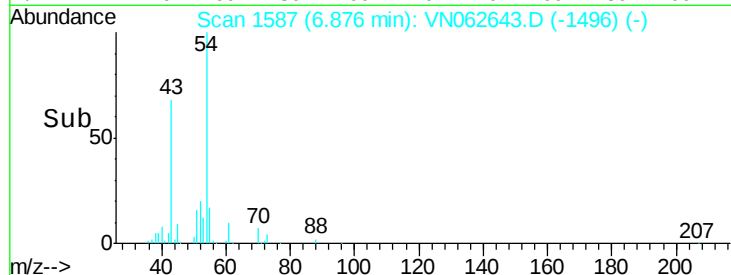
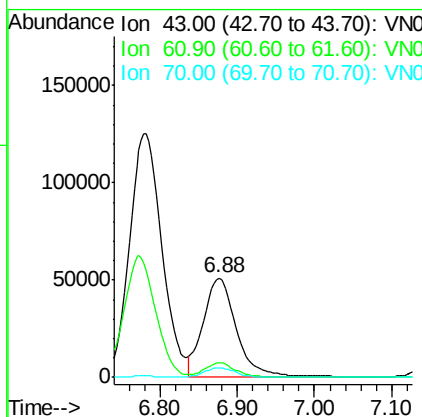
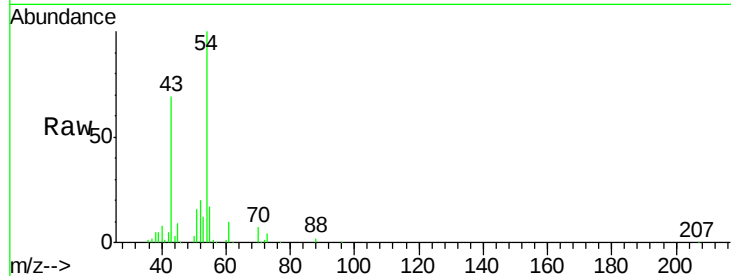
#37  
Ethyl Acetate  
Concen: 47.652 ug/l  
RT: 6.88 min Scan# 1587  
Delta R.T. -0.01 min  
Lab File: VN062643.D  
Acq: 29 Jul 2020 10:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 13.0  | 11.3  | 16.9  |
| 70      | 9.1   | 7.7   | 11.5  |

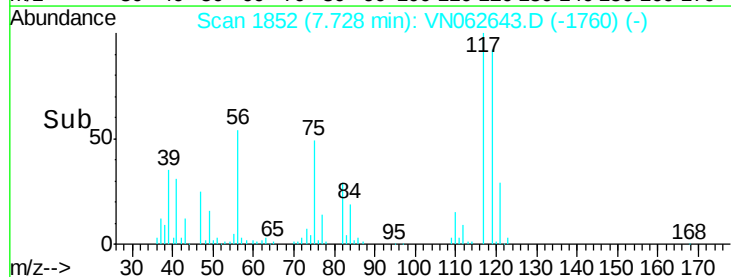
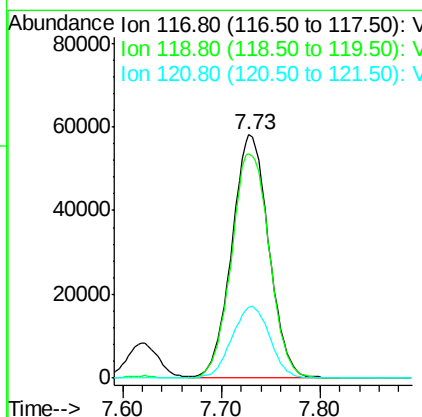
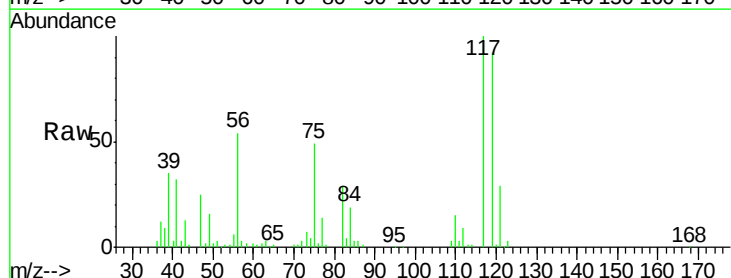
Manual Integrations  
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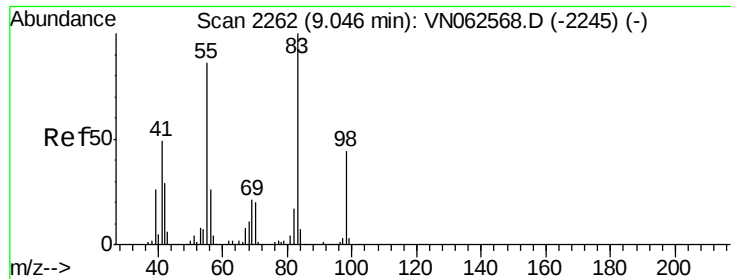
MMDadoda  
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#38  
Carbon Tetrachloride  
Concen: 53.198 ug/l  
RT: 7.73 min Scan# 1852  
Delta R.T. -0.00 min  
Lab File: VN062643.D  
Acq: 29 Jul 2020 10:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 92.4  | 74.8  | 112.2 |
| 121     | 29.3  | 23.0  | 34.6  |





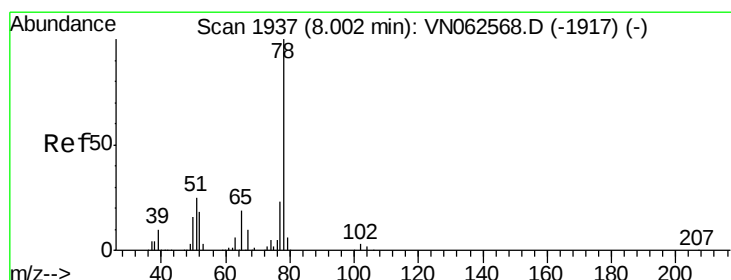
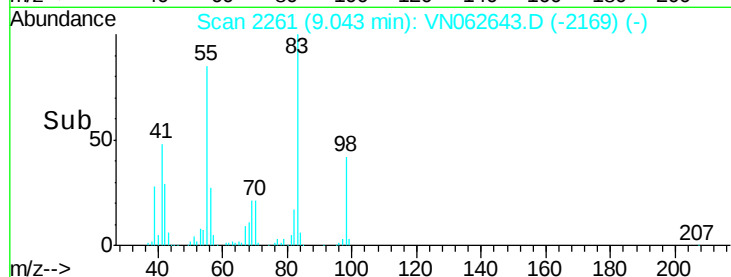
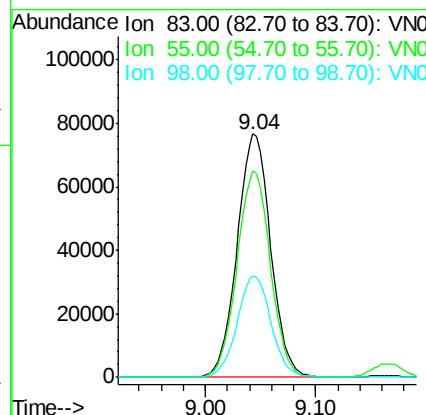
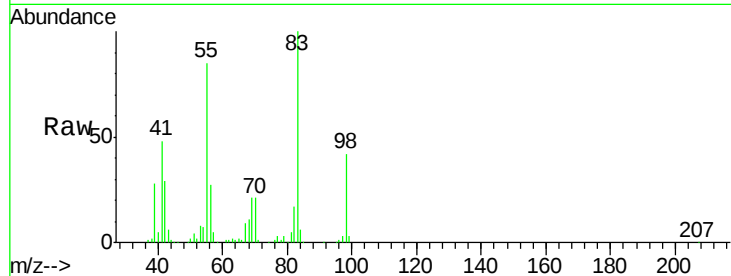
#39  
Methylcyclohexane  
Concen: 50.592 ug/l  
RT: 9.04 min Scan# 2261  
Delta R.T. -0.00 min  
Lab File: VN062643.D  
Acq: 29 Jul 2020 10:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 84.7  | 68.9  | 103.3 |
| 98      | 41.7  | 35.1  | 52.7  |

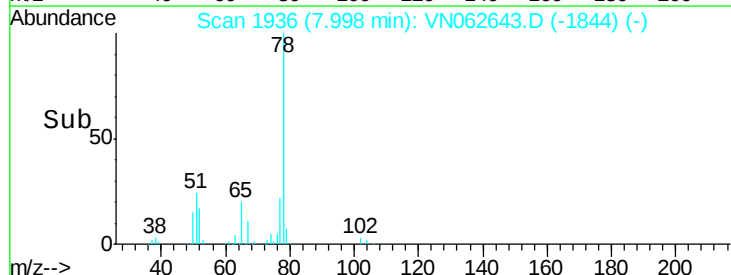
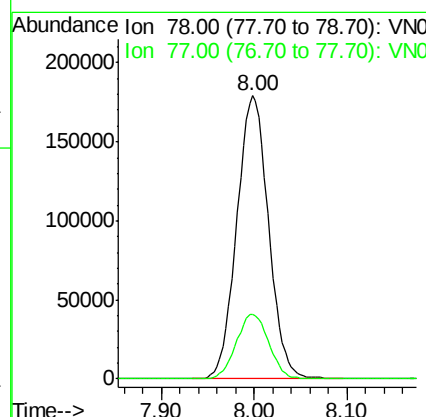
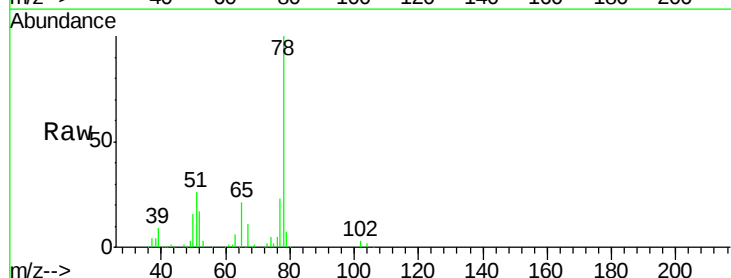
Manual Integrations  
APPROVED

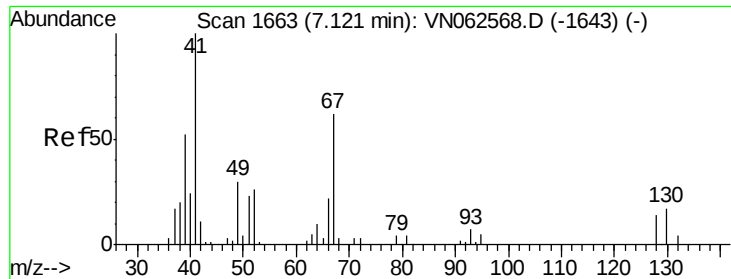
MMDadoda  
7/30/2020 6:21:00 PM



#40  
Benzene  
Concen: 47.425 ug/l  
RT: 8.00 min Scan# 1936  
Delta R.T. -0.00 min  
Lab File: VN062643.D  
Acq: 29 Jul 2020 10:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 22.8  | 18.7  | 28.1  |





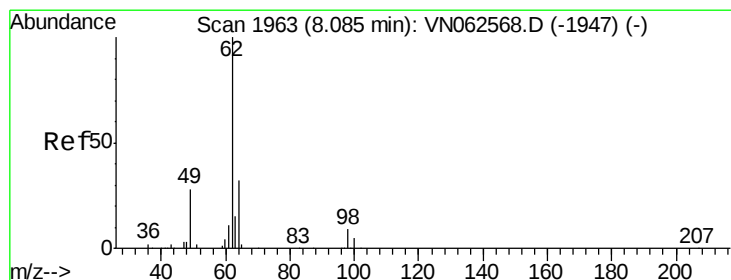
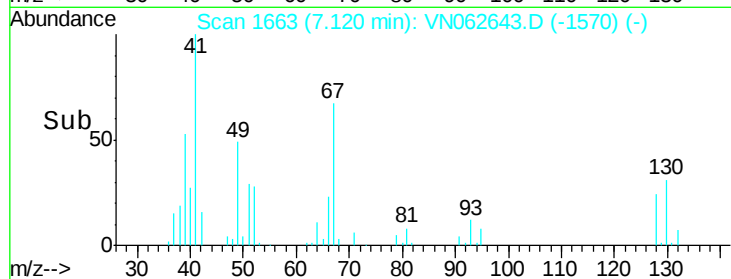
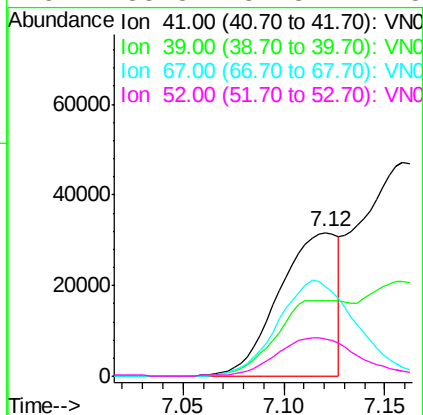
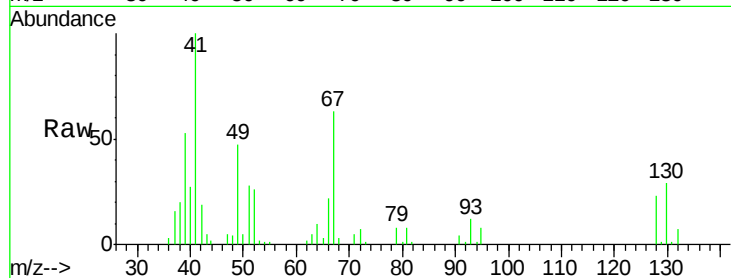
#41  
Methacrylonitrile  
Concen: 47.018 ug/l  
RT: 7.12 min Scan# 1663  
Delta R.T. 0.00 min  
Lab File: VN062643.D  
Acq: 29 Jul 2020 10:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 64.2  | 55.8  | 83.6  |
| 67      | 90.2  | 72.5  | 108.7 |
| 52      | 38.3  | 31.8  | 47.8  |

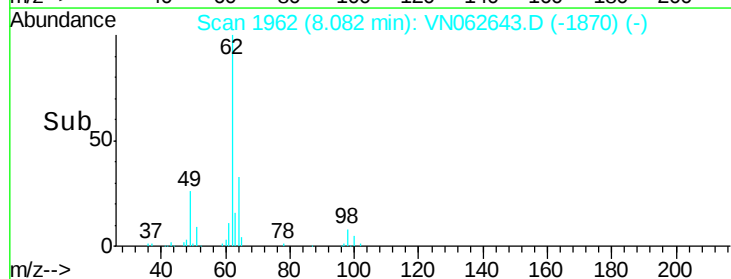
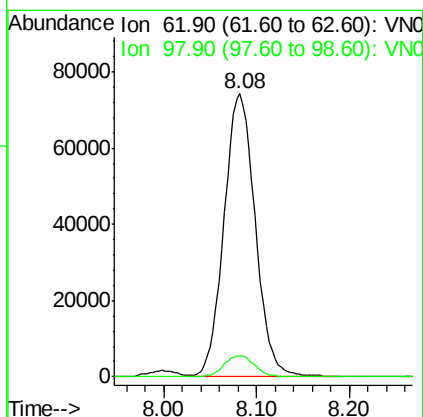
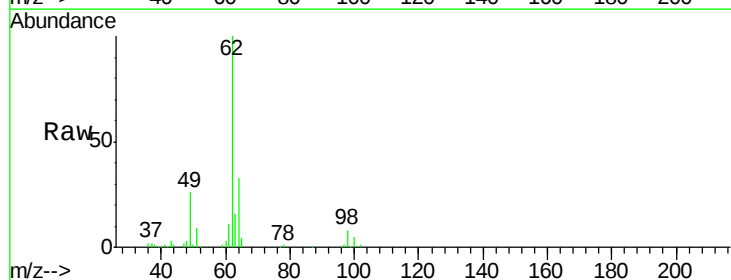
Manual Integrations  
APPROVED

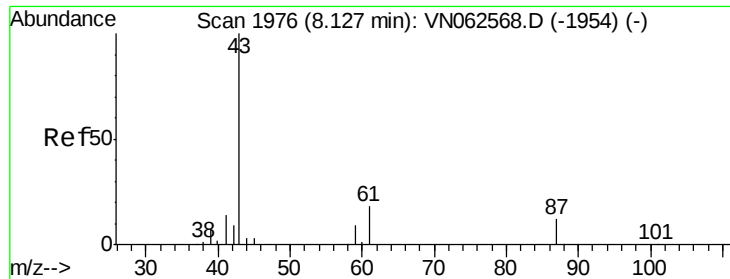
MMDadoda  
7/30/2020 6:21:00 PM



#42  
1,2-Dichloroethane  
Concen: 52.724 ug/l  
RT: 8.08 min Scan# 1962  
Delta R.T. -0.00 min  
Lab File: VN062643.D  
Acq: 29 Jul 2020 10:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 7.4   | 0.0   | 16.2  |





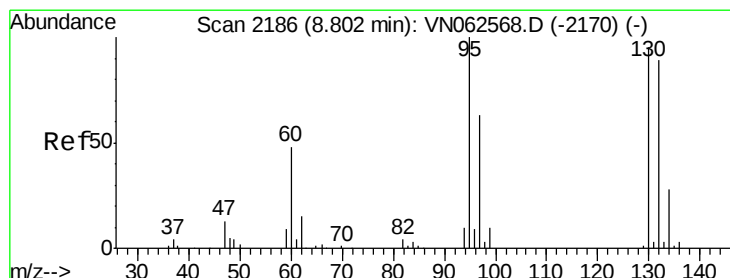
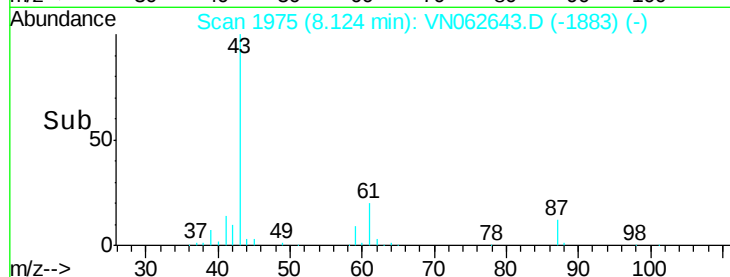
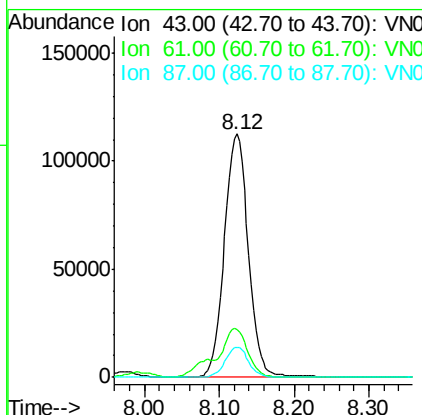
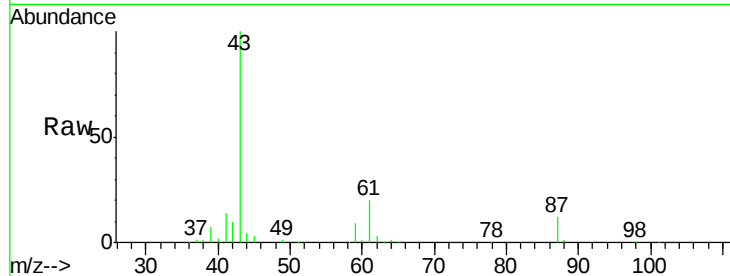
#43  
Isopropyl Acetate  
Concen: 48.351 ug/l  
RT: 8.12 min Scan# 1975  
Delta R.T. -0.00 min  
Lab File: VN062643.D  
Acq: 29 Jul 2020 10:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 20.2  | 20.8  | 31.2# |
| 87      | 12.1  | 9.2   | 13.8  |

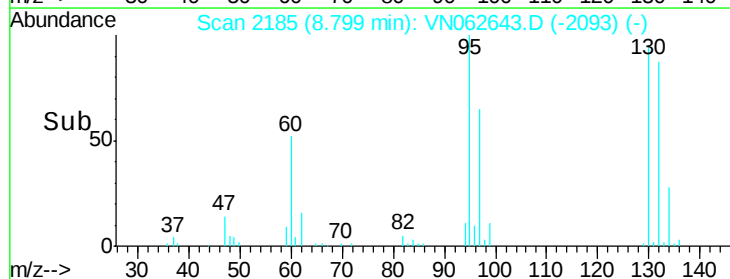
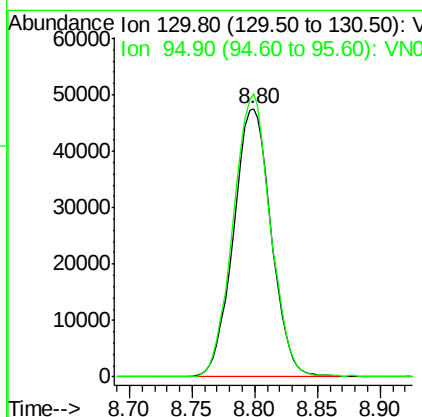
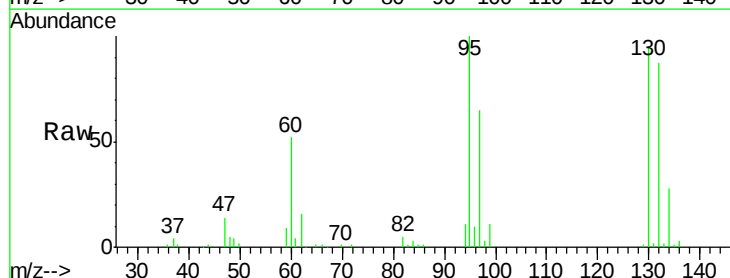
Manual Integrations  
APPROVED

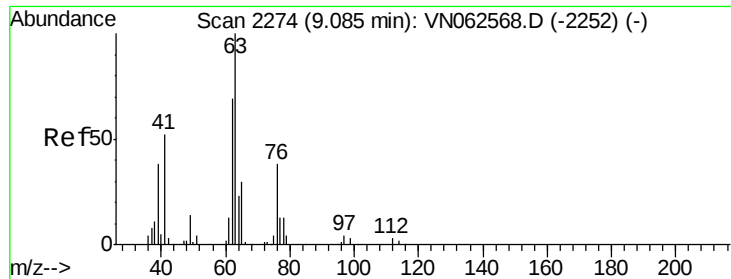
MMDadoda  
7/30/2020 6:21:00 PM



#44  
Trichloroethene  
Concen: 49.207 ug/l  
RT: 8.80 min Scan# 2185  
Delta R.T. -0.00 min  
Lab File: VN062643.D  
Acq: 29 Jul 2020 10:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 105.4 | 0.0   | 210.4 |





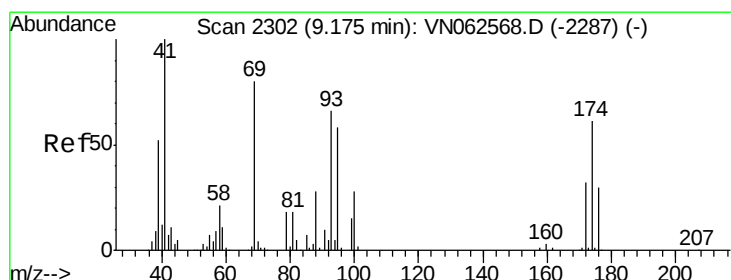
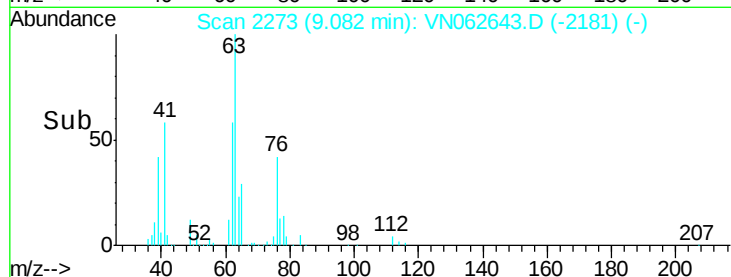
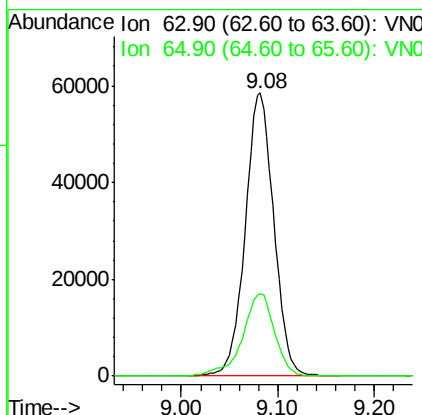
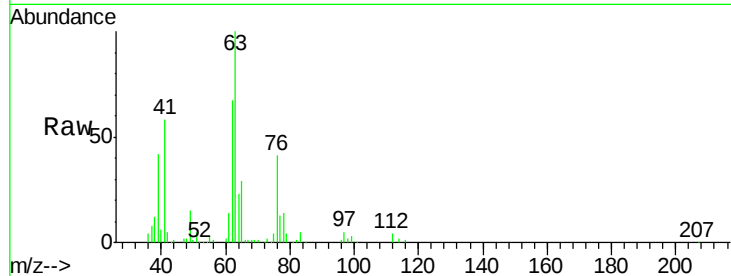
#45  
 1,2-Dichloropropane  
 Concen: 47.663 ug/l  
 RT: 9.08 min Scan# 2273  
 Delta R.T. -0.00 min  
 Lab File: VN062643.D  
 Acq: 29 Jul 2020 10:00

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 63 Resp: 119941  
 Ion Ratio Lower Upper  
 63 100  
 65 29.3 24.4 36.6

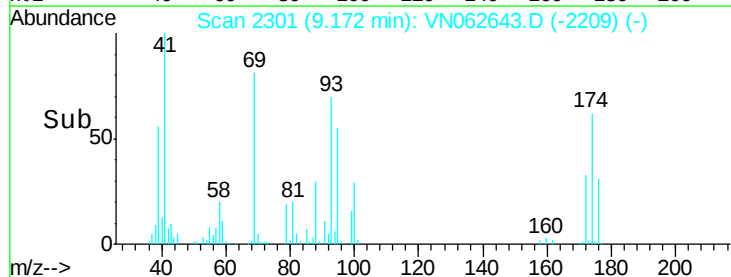
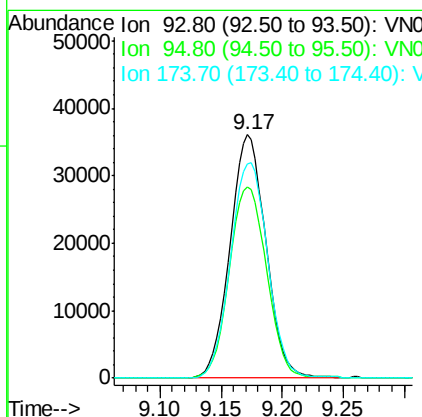
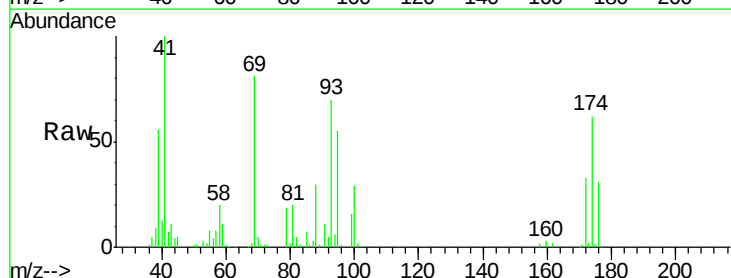
Manual Integrations  
 APPROVED

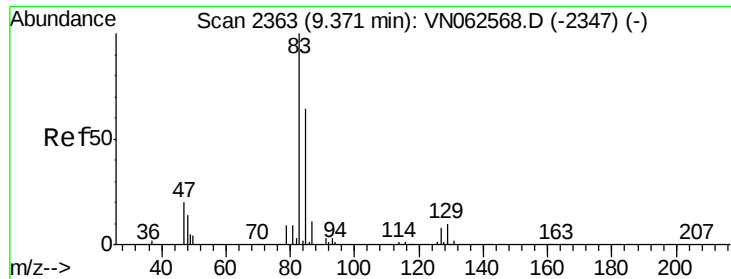
MMDadoda  
 7/30/2020 6:21:00 PM



#46  
 Dibromomethane  
 Concen: 50.649 ug/l  
 RT: 9.17 min Scan# 2301  
 Delta R.T. -0.00 min  
 Lab File: VN062643.D  
 Acq: 29 Jul 2020 10:00

Tgt Ion: 93 Resp: 73665  
 Ion Ratio Lower Upper  
 93 100  
 95 81.7 67.6 101.4  
 174 91.8 72.5 108.7





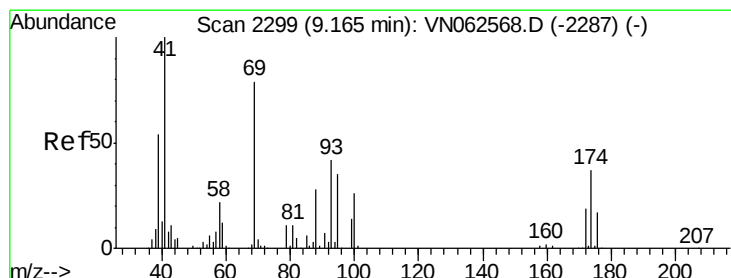
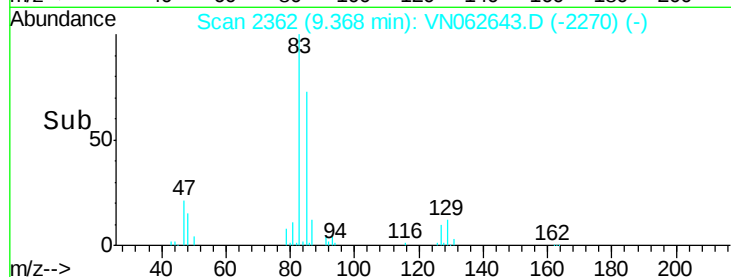
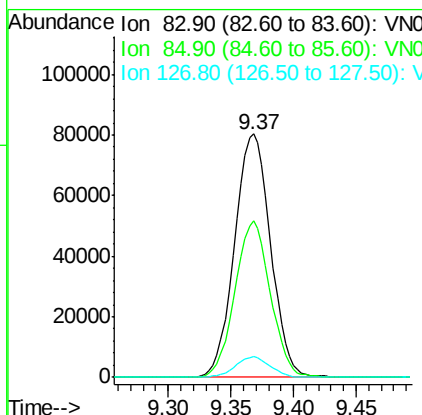
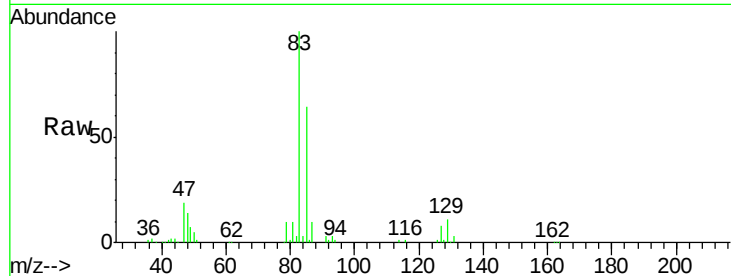
#47  
Bromodichloromethane  
Concen: 50.910 ug/l  
RT: 9.37 min Scan# 2362  
Delta R.T. -0.00 min  
Lab File: VN062643.D  
Acq: 29 Jul 2020 10:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.3  | 51.6  | 77.4  |
| 127     | 8.4   | 6.2   | 9.2   |

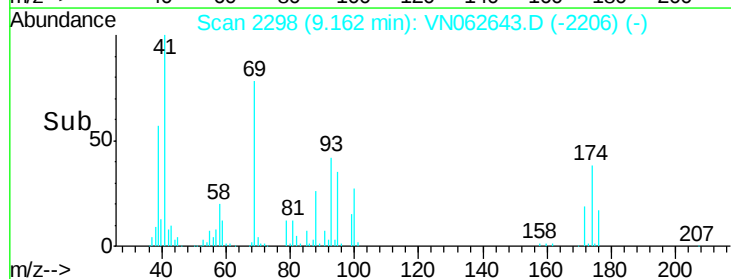
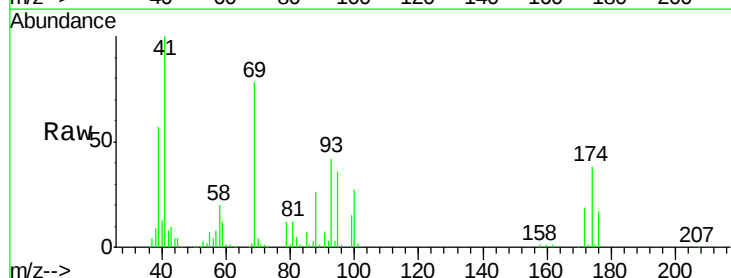
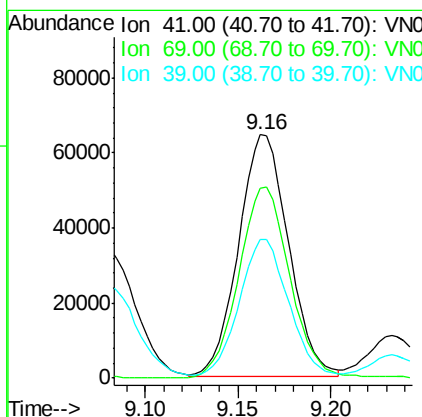
Manual Integrations  
APPROVED

MMDadoda  
7/30/2020 6:21:00 PM



#48  
Methyl methacrylate  
Concen: 49.481 ug/l  
RT: 9.16 min Scan# 2298  
Delta R.T. -0.00 min  
Lab File: VN062643.D  
Acq: 29 Jul 2020 10:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 69      | 80.8  | 64.4  | 96.6  |
| 39      | 56.7  | 43.5  | 65.3  |





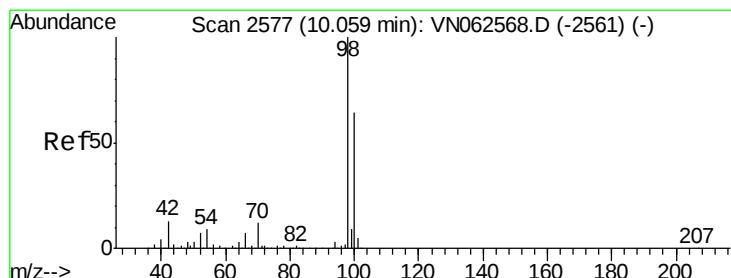
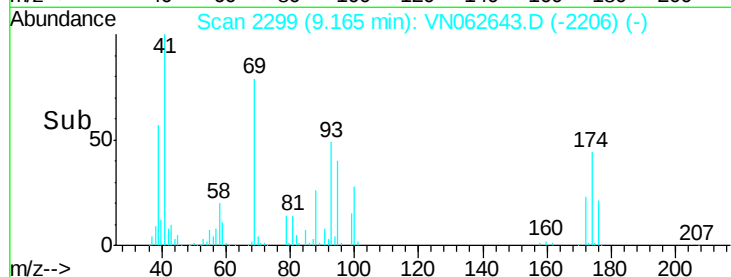
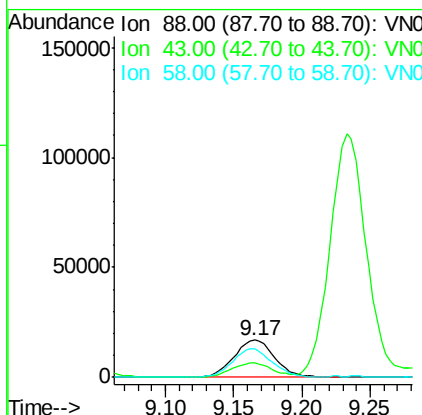
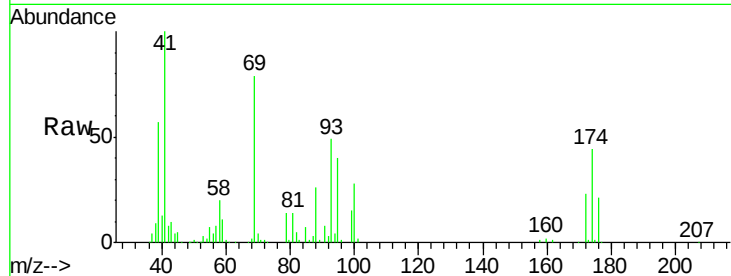
#49  
1,4-Dioxane  
Concen: 942.043 ug/l  
RT: 9.17 min Scan# 2299  
Delta R.T. -0.00 min  
Lab File: VN062643.D  
Acq: 29 Jul 2020 10:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 88      | 100   | 35383 |       |       |
| 43      | 36.7  | 32.0  | 48.0  |       |
| 58      | 74.8  | 62.8  | 94.2  |       |

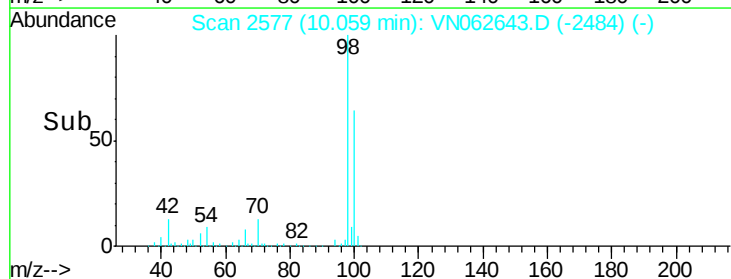
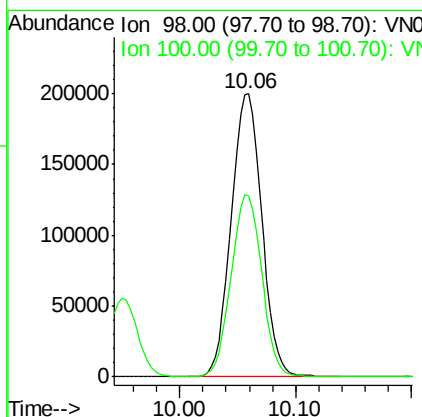
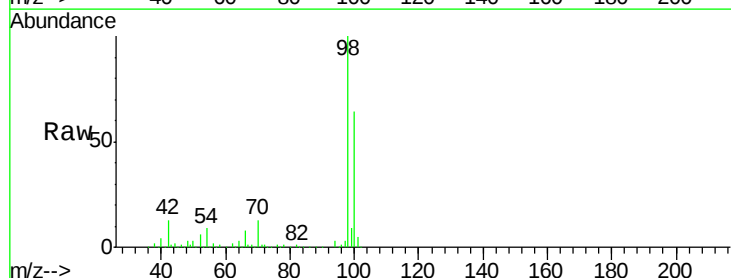
Manual Integrations  
APPROVED

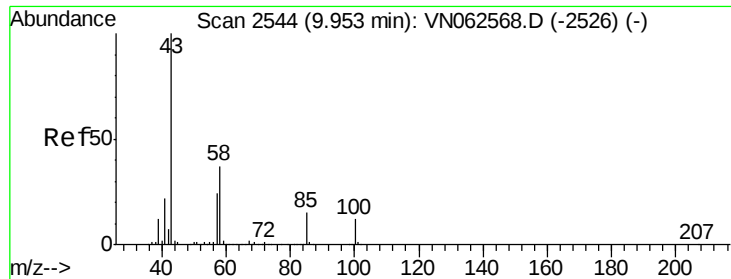
MMDadoda  
7/30/2020 6:21:00 PM



#50  
Toluene-d8  
Concen: 50.239 ug/l  
RT: 10.06 min Scan# 2577  
Delta R.T. -0.00 min  
Lab File: VN062643.D  
Acq: 29 Jul 2020 10:00

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 98      | 100   | 365698 |       |       |
| 100     | 64.1  | 50.9   | 76.3  |       |





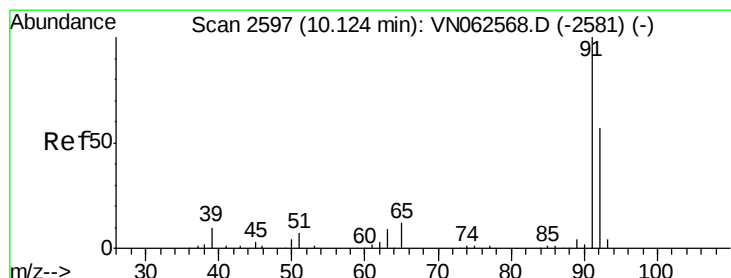
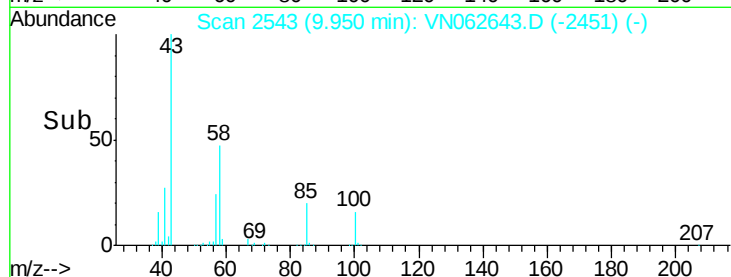
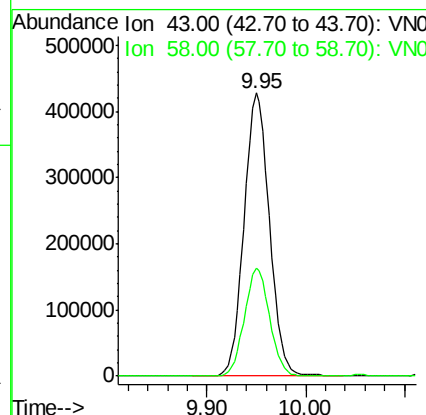
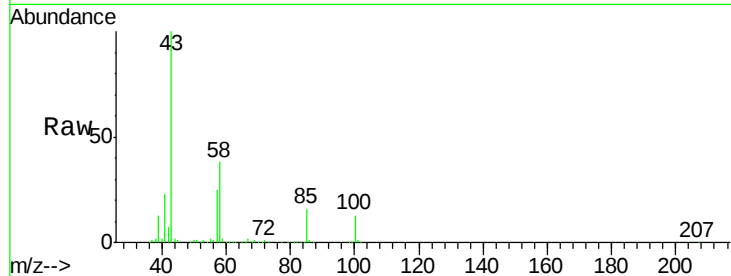
#51  
4-Methyl-2-Pentanone  
Concen: 247.275 ug/l  
RT: 9.95 min Scan# 2543  
Delta R.T. -0.00 min  
Lab File: VN062643.D  
Acq: 29 Jul 2020 10:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 43 Resp: 761141  
Ion Ratio Lower Upper  
43 100  
58 37.8 29.8 44.6

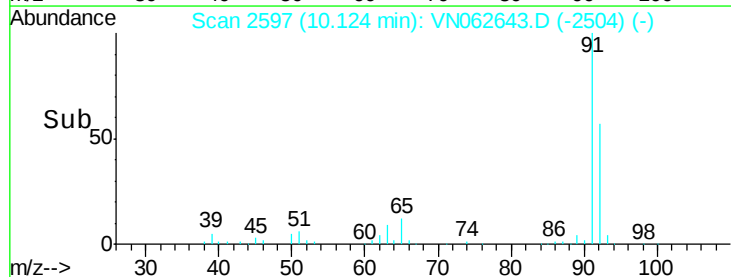
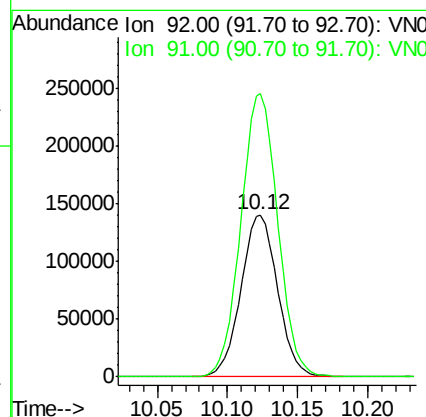
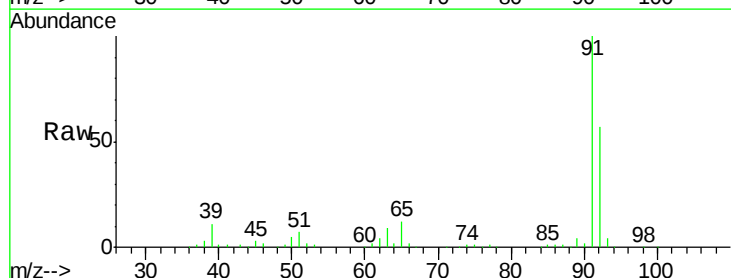
Manual Integrations  
APPROVED

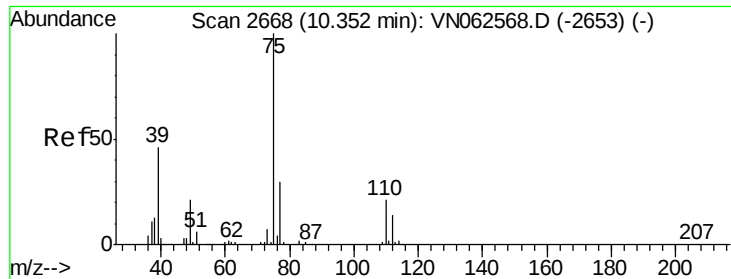
MMDadoda  
7/30/2020 6:21:00 PM



#52  
Toluene  
Concen: 49.184 ug/l  
RT: 10.12 min Scan# 2597  
Delta R.T. -0.00 min  
Lab File: VN062643.D  
Acq: 29 Jul 2020 10:00

Tgt Ion: 92 Resp: 255971  
Ion Ratio Lower Upper  
92 100  
91 176.6 139.4 209.2





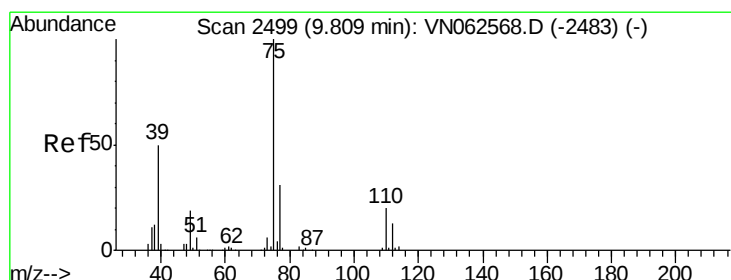
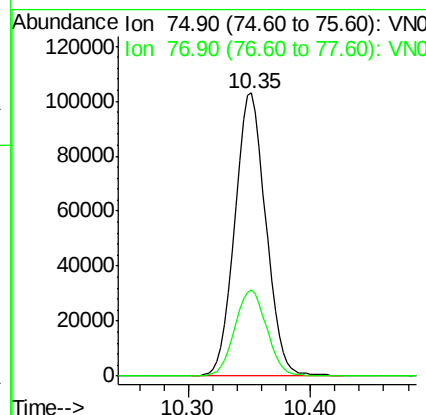
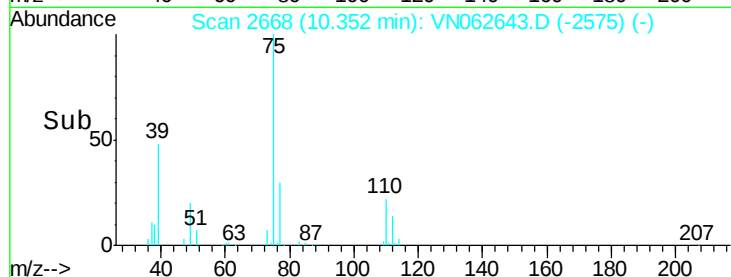
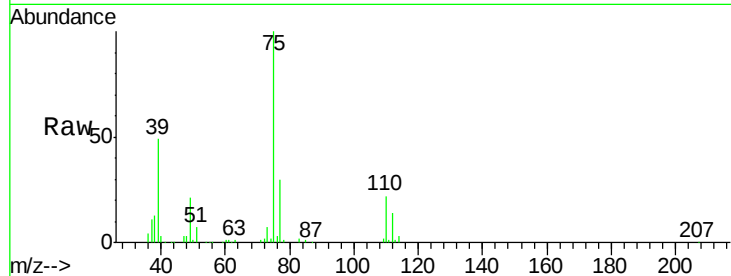
#53  
 t-1,3-Dichloropropene  
 Concen: 52.061 ug/l  
 RT: 10.35 min Scan# 2668  
 Delta R.T. -0.00 min  
 Lab File: VN062643.D  
 Acq: 29 Jul 2020 10:00

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 75 Resp: 182617  
 Ion Ratio Lower Upper  
 75 100  
 77 30.4 24.3 36.5

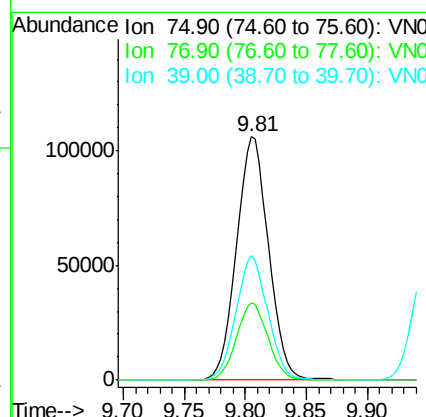
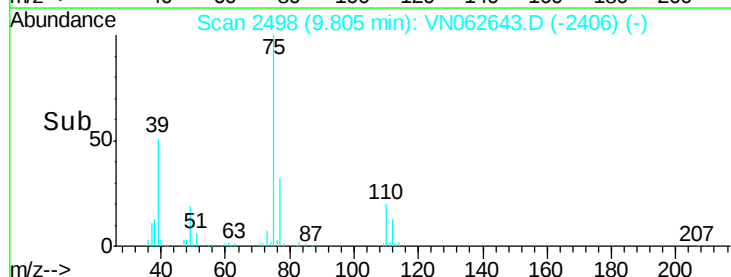
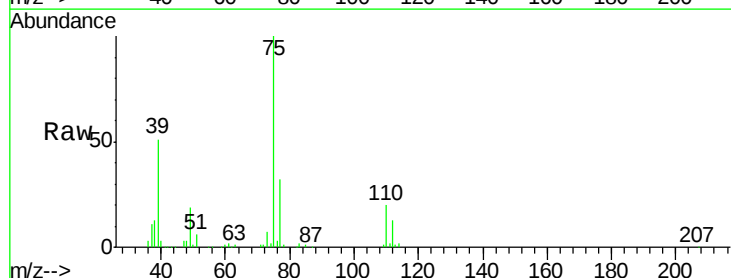
Manual Integrations  
 APPROVED

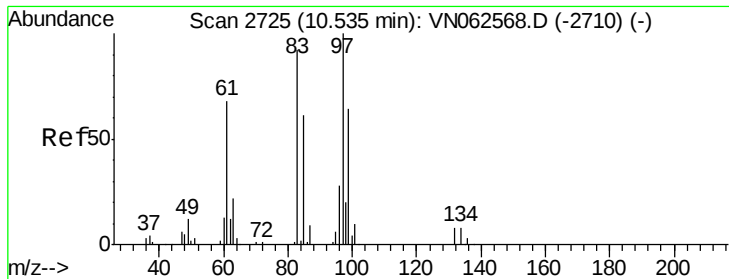
MMDadoda  
 7/30/2020 6:21:00 PM



#54  
 cis-1,3-Dichloropropene  
 Concen: 51.438 ug/l  
 RT: 9.81 min Scan# 2498  
 Delta R.T. -0.00 min  
 Lab File: VN062643.D  
 Acq: 29 Jul 2020 10:00

Tgt Ion: 75 Resp: 193608  
 Ion Ratio Lower Upper  
 75 100  
 77 31.9 25.0 37.6  
 39 51.1 39.8 59.8





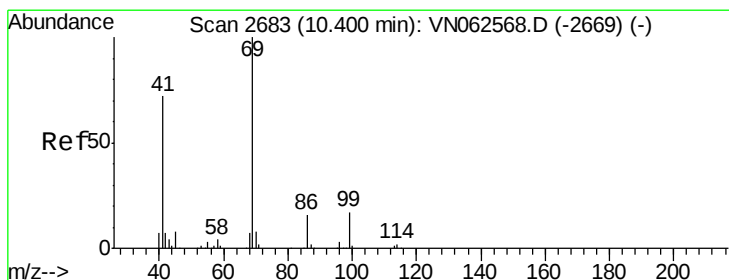
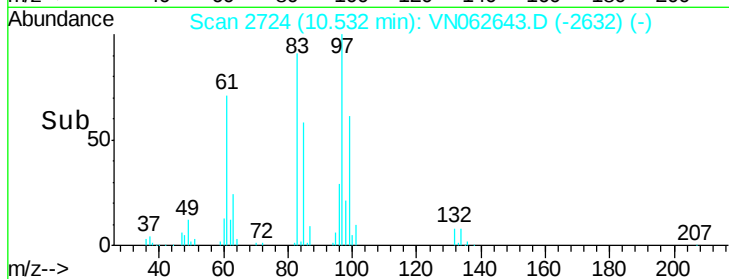
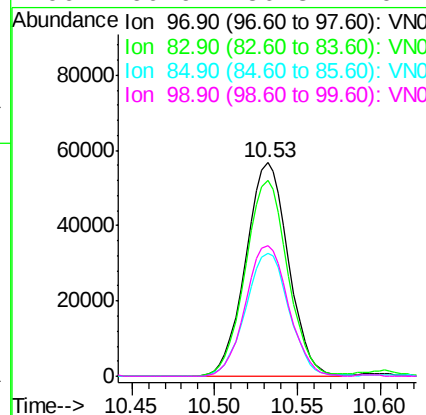
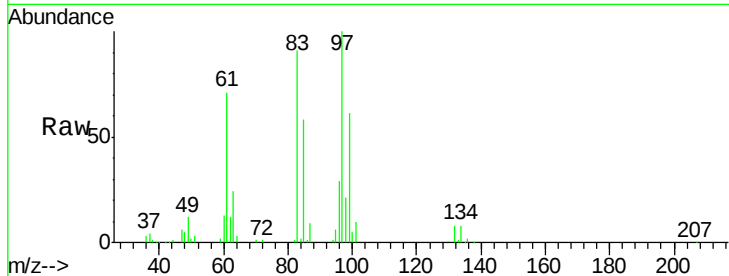
#55  
 1,1,2-Trichloroethane  
 Concen: 50.279 ug/l  
 RT: 10.53 min Scan# 2724  
 Delta R.T. -0.00 min  
 Lab File: VN062643.D  
 Acq: 29 Jul 2020 10:00

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 101497 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 91.4  | 73.7  | 110.5  |
| 85       | 57.6  | 48.5  | 72.7   |
| 99       | 60.9  | 50.8  | 76.2   |

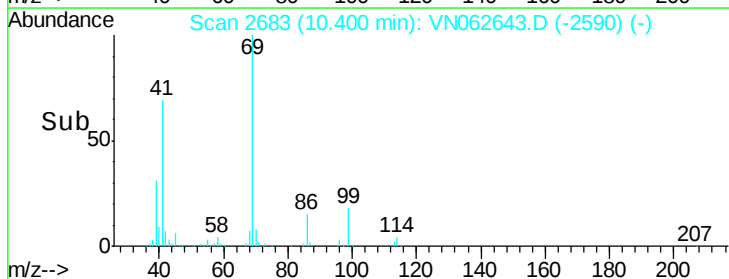
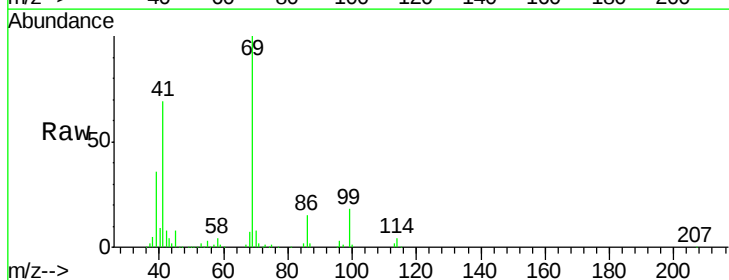
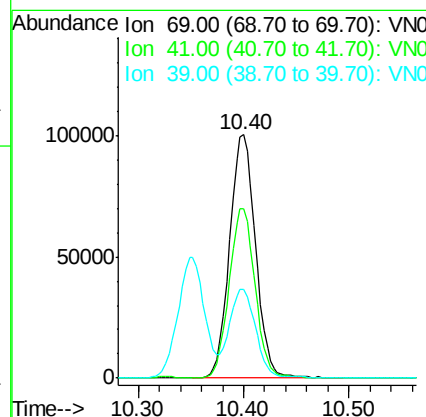
Manual Integrations  
 APPROVED

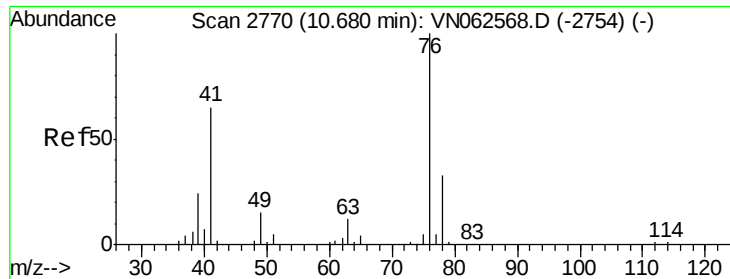
MMDadoda  
 7/30/2020 6:21:00 PM



#56  
 Ethyl methacrylate  
 Concen: 47.313 ug/l  
 RT: 10.40 min Scan# 2683  
 Delta R.T. 0.00 min  
 Lab File: VN062643.D  
 Acq: 29 Jul 2020 10:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 171142 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 69.0  | 57.2  | 85.8   |
| 39       | 37.4  | 28.6  | 43.0   |





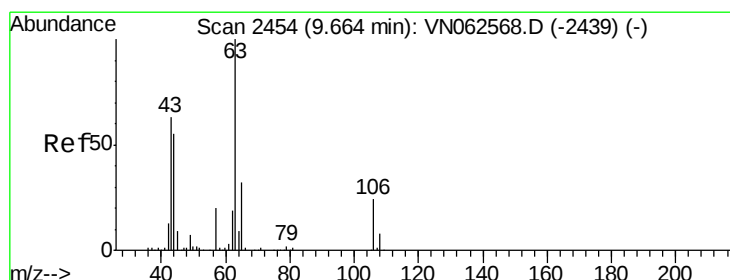
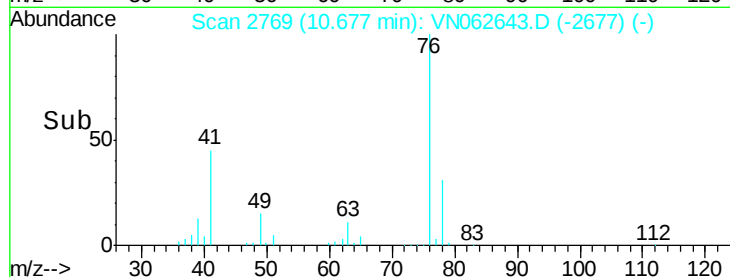
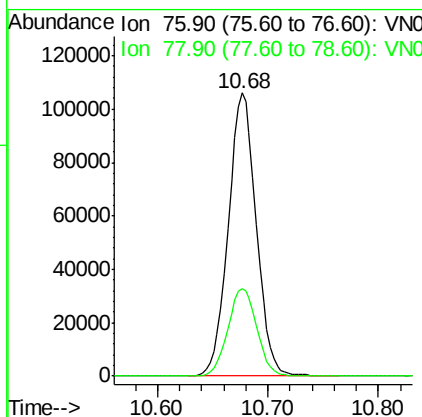
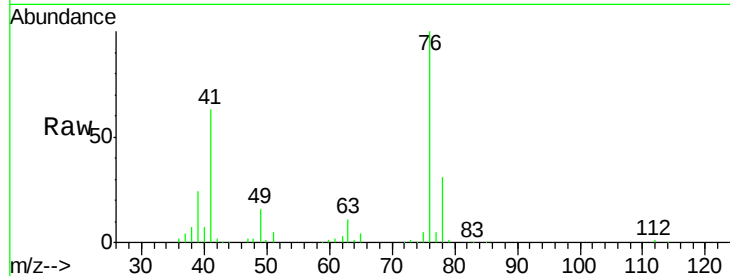
#57  
 1,3-Dichloropropane  
 Concen: 50.298 ug/l  
 RT: 10.68 min Scan# 2769  
 Delta R.T. -0.00 min  
 Lab File: VN062643.D  
 Acq: 29 Jul 2020 10:00

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDCCC050

Tgt Ion: 76 Resp: 186017  
 Ion Ratio Lower Upper  
 76 100  
 78 32.1 26.3 39.5

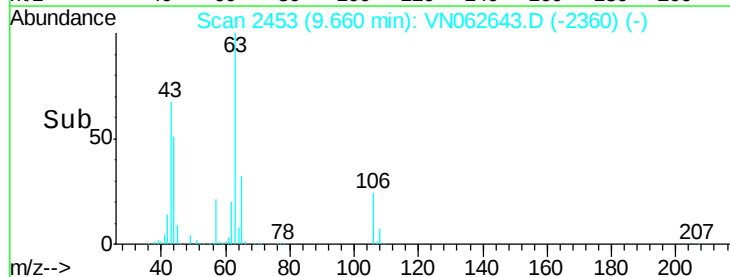
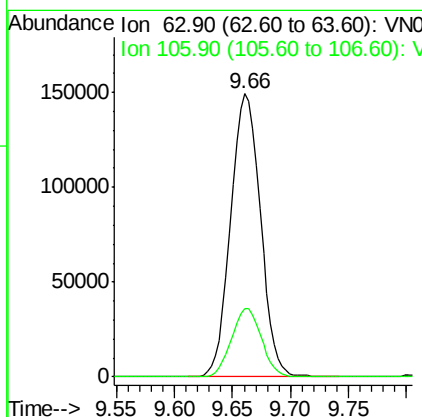
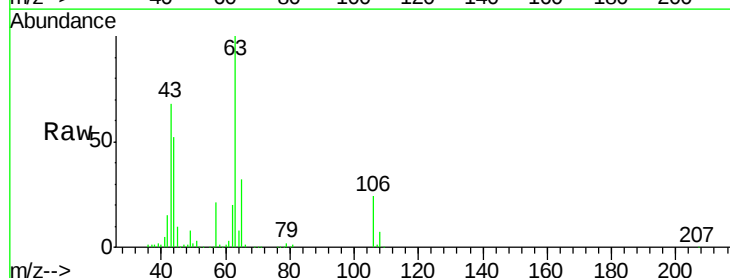
Manual Integrations  
 APPROVED

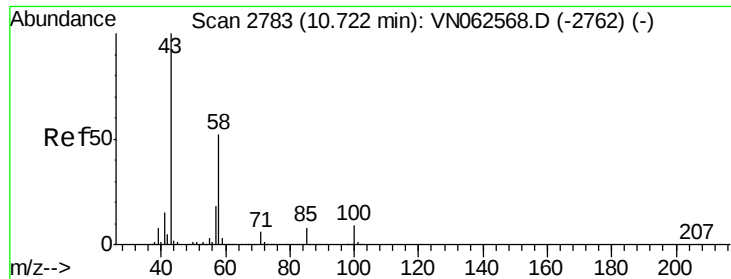
MMDadoda  
 7/30/2020 6:21:00 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 243.665 ug/l  
 RT: 9.66 min Scan# 2453  
 Delta R.T. -0.00 min  
 Lab File: VN062643.D  
 Acq: 29 Jul 2020 10:00

Tgt Ion: 63 Resp: 265683  
 Ion Ratio Lower Upper  
 63 100  
 106 24.3 18.9 28.3





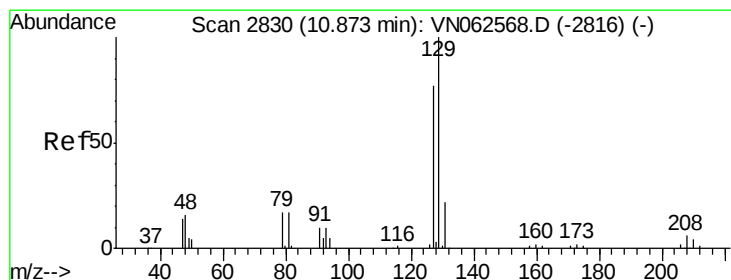
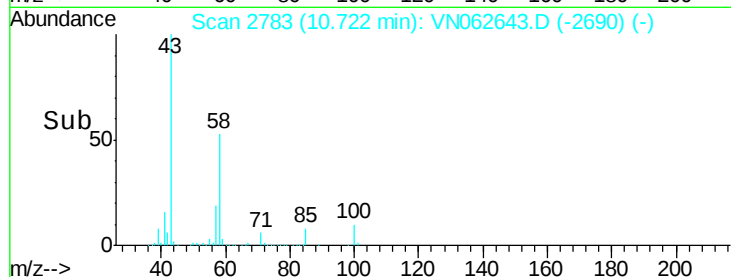
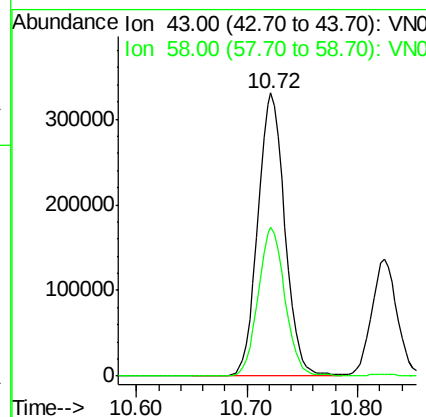
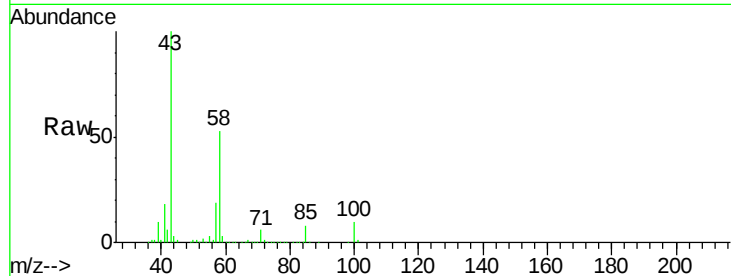
#59  
2-Hexanone  
Concen: 235.991 ug/l  
RT: 10.72 min Scan# 2783  
Delta R.T. 0.00 min  
Lab File: VN062643.D  
Acq: 29 Jul 2020 10:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 43 Resp: 561381  
Ion Ratio Lower Upper  
43 100  
58 52.3 26.0 78.0

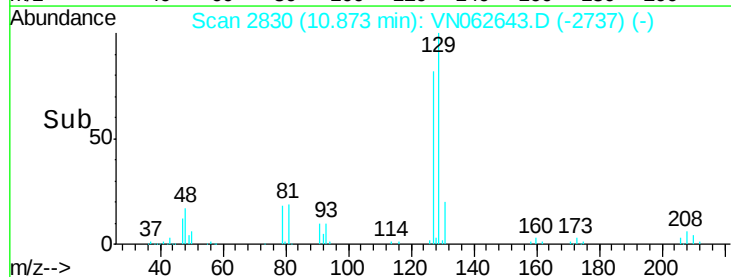
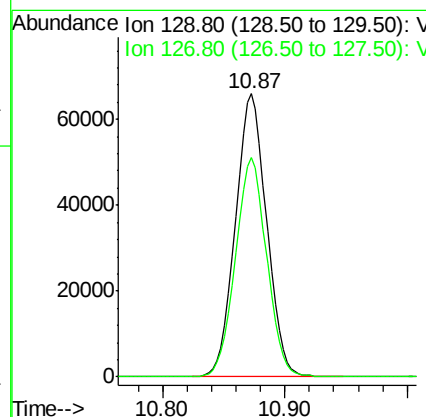
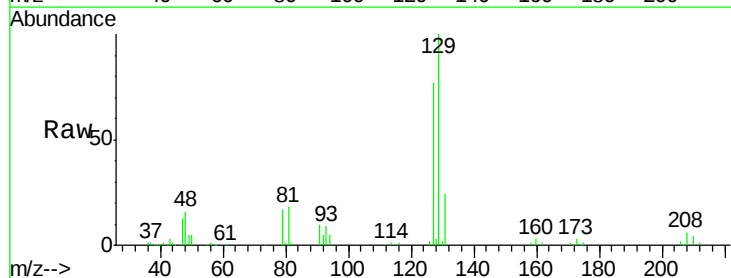
Manual Integrations  
APPROVED

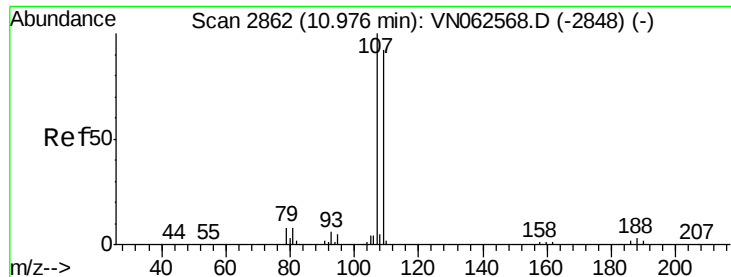
MMDadoda  
7/30/2020 6:21:00 PM



#60  
Dibromochloromethane  
Concen: 52.102 ug/l  
RT: 10.87 min Scan# 2830  
Delta R.T. -0.00 min  
Lab File: VN062643.D  
Acq: 29 Jul 2020 10:00

Tgt Ion: 129 Resp: 117336  
Ion Ratio Lower Upper  
129 100  
127 77.5 38.0 113.9





#61

1,2-Dibromoethane

Concen: 49.773 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VN062643.D

Acq: 29 Jul 2020 10:00

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 107 Resp: 104626

Ion Ratio Lower Upper

107 100

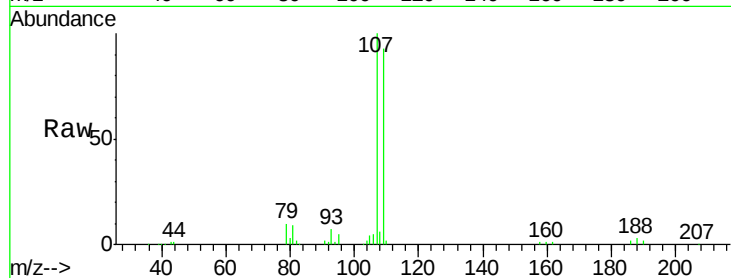
109 93.6 73.8 110.6

Manual Integrations

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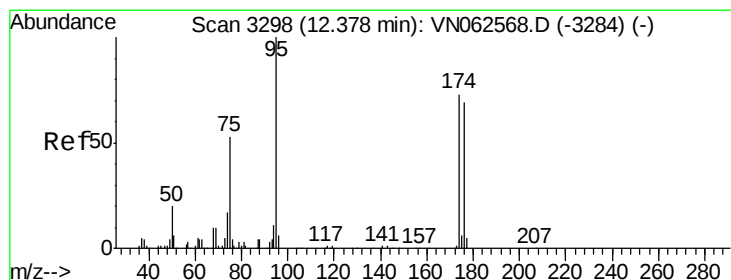
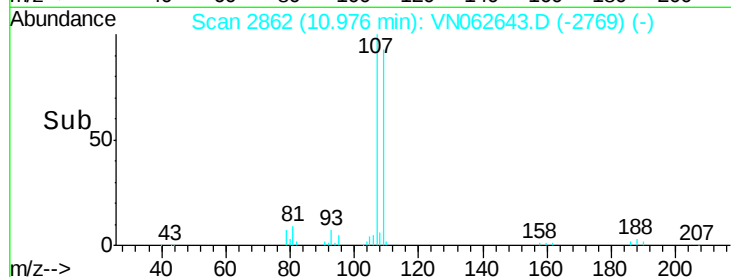
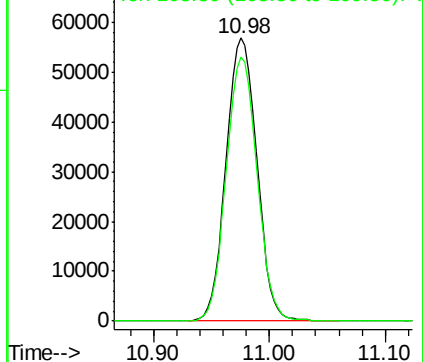
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.770 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062643.D

Acq: 29 Jul 2020 10:00

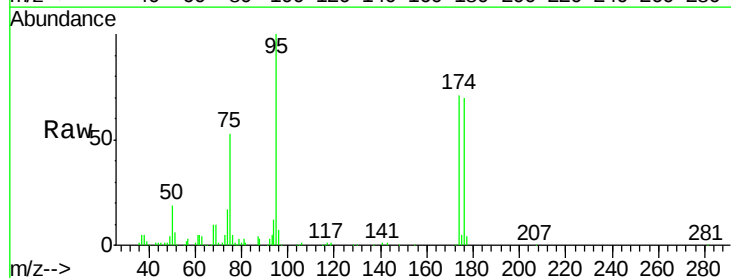
Tgt Ion: 95 Resp: 140449

Ion Ratio Lower Upper

95 100

174 72.7 0.0 144.6

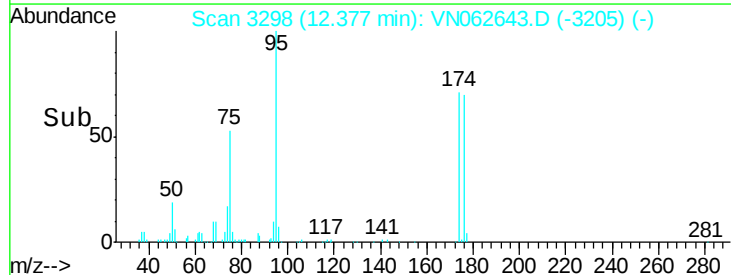
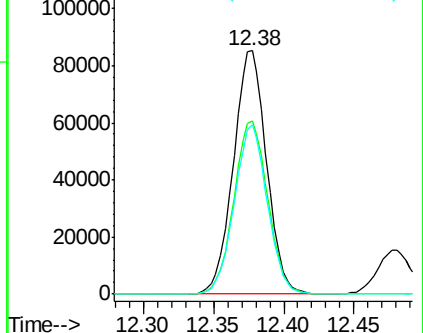
176 69.1 0.0 139.4

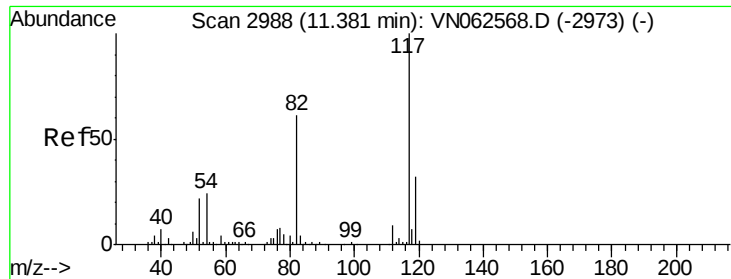


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2987

Delta R.T. -0.00 min

Lab File: VN062643.D

Acq: 29 Jul 2020 10:00

Instrument :

MSVOA\_N

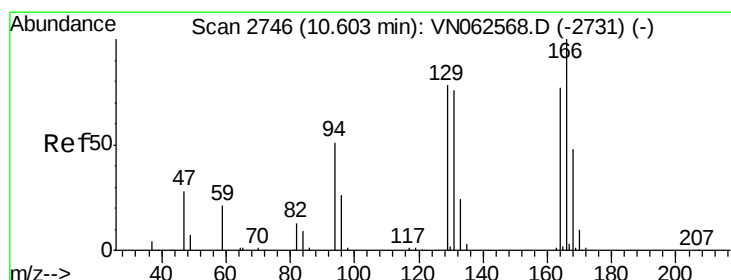
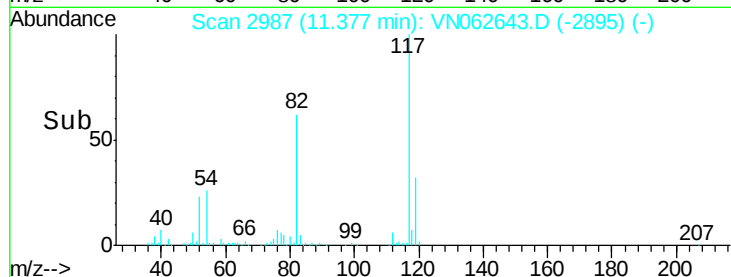
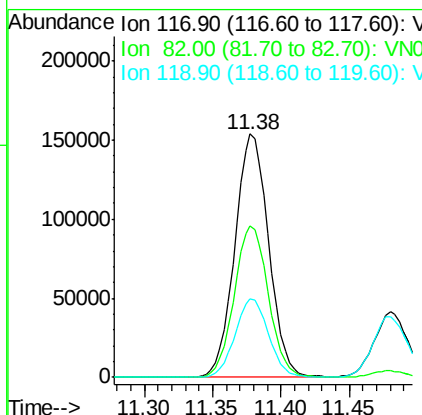
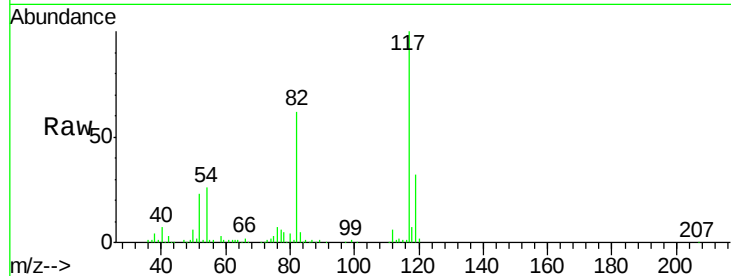
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 265441 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 82        | 62.1  | 49.0  | 73.6   |
| 119       | 32.3  | 25.4  | 38.2   |

Manual Integrations  
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#64

Tetrachloroethene

Concen: 48.356 ug/l

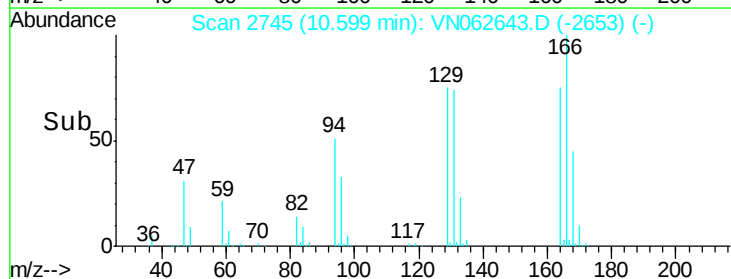
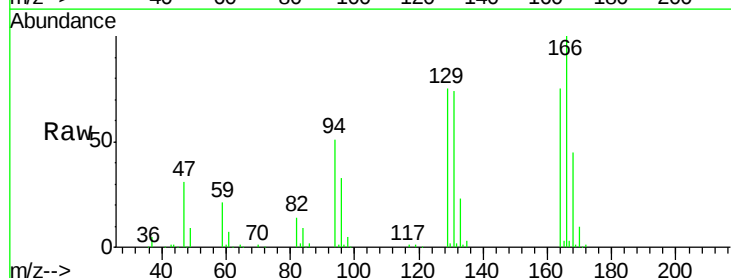
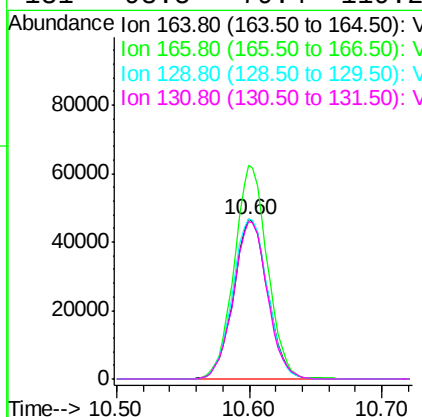
RT: 10.60 min Scan# 2745

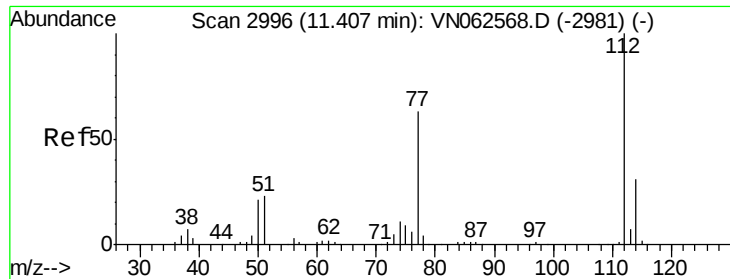
Delta R.T. -0.00 min

Lab File: VN062643.D

Acq: 29 Jul 2020 10:00

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 164   | Resp: | 83397 |
| Ion Ratio | Lower | Upper |       |
| 164       | 100   |       |       |
| 166       | 133.9 | 104.4 | 156.6 |
| 129       | 100.3 | 81.0  | 121.4 |
| 131       | 98.5  | 79.4  | 119.2 |





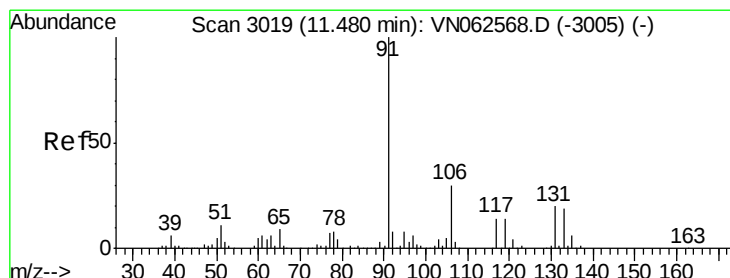
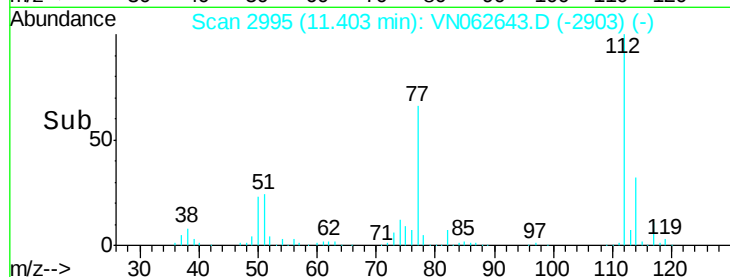
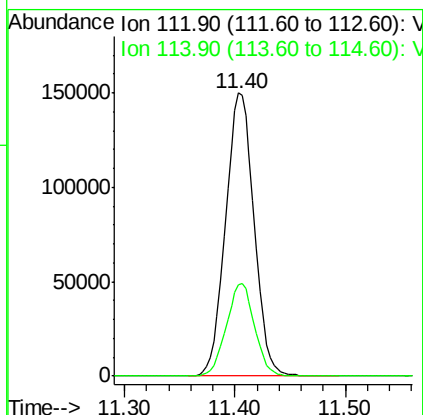
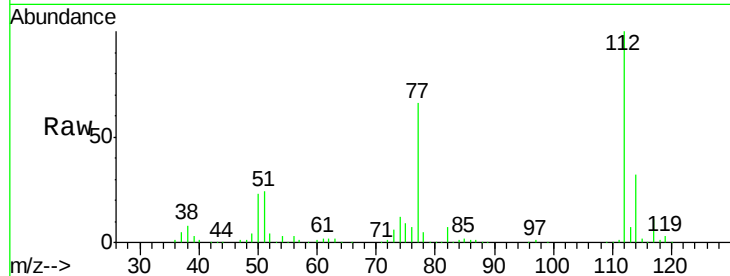
#65  
Chlorobenzene  
Concen: 48.177 ug/l  
RT: 11.40 min Scan# 2995  
Delta R.T. -0.00 min  
Lab File: VN062643.D  
Acq: 29 Jul 2020 10:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion:112 Resp: 268097  
Ion Ratio Lower Upper  
112 100  
114 32.4 25.1 37.7

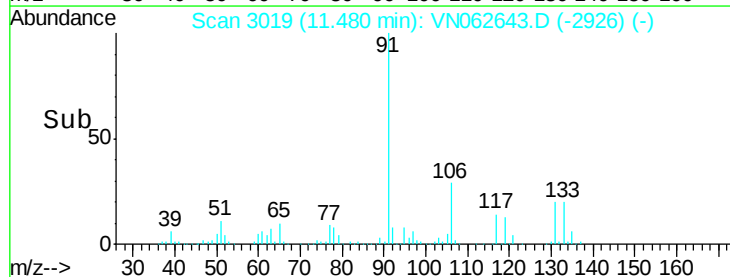
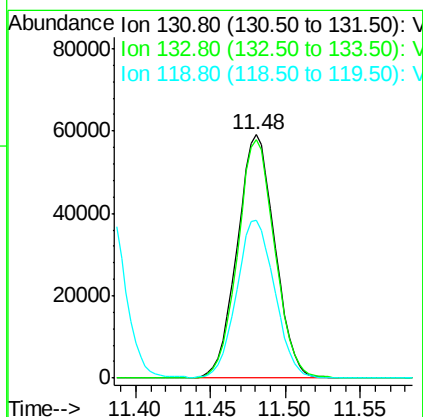
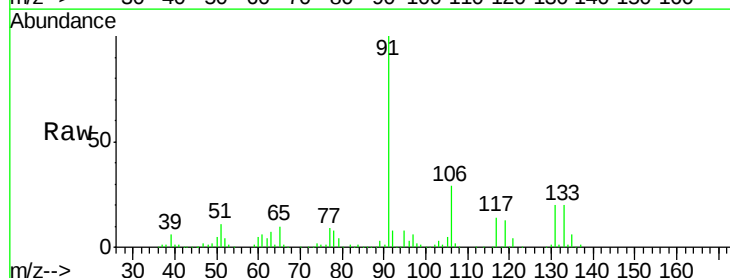
Manual Integrations  
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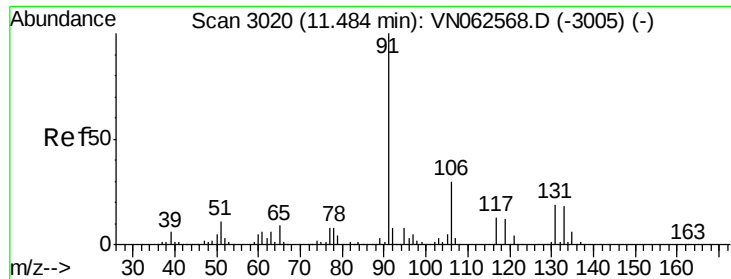
MMDadoda  
7/30/2020 6:21:00 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.382 ug/l  
RT: 11.48 min Scan# 3019  
Delta R.T. -0.00 min  
Lab File: VN062643.D  
Acq: 29 Jul 2020 10:00

Tgt Ion:131 Resp: 103379  
Ion Ratio Lower Upper  
131 100  
133 96.7 47.3 142.0  
119 65.7 33.7 101.0





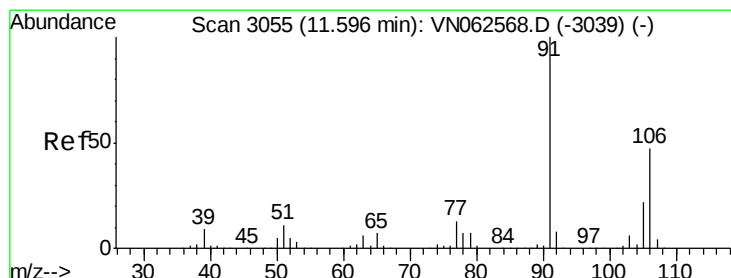
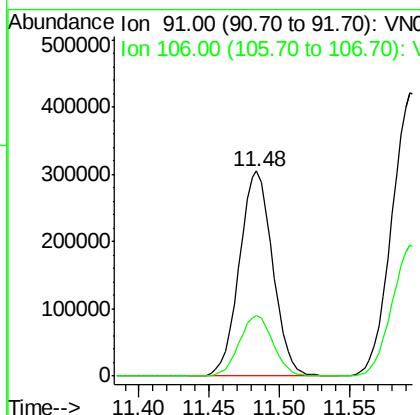
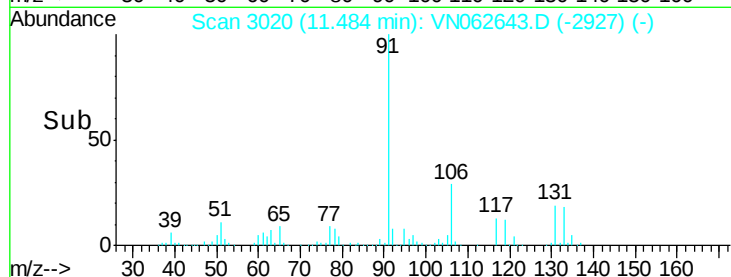
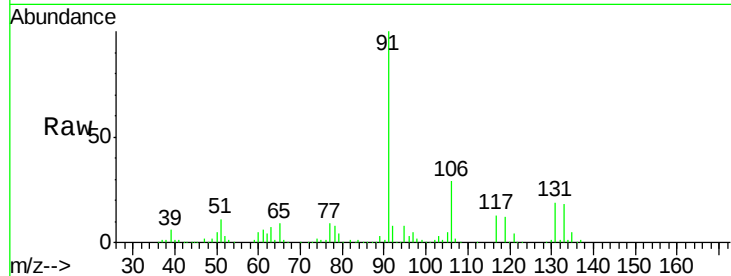
#67  
Ethyl Benzene  
Concen: 49.573 ug/l  
RT: 11.48 min Scan# 3020  
Delta R.T. -0.00 min  
Lab File: VN062643.D  
Acq: 29 Jul 2020 10:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 91 Resp: 505803  
Ion Ratio Lower Upper  
91 100  
106 29.4 23.8 35.8

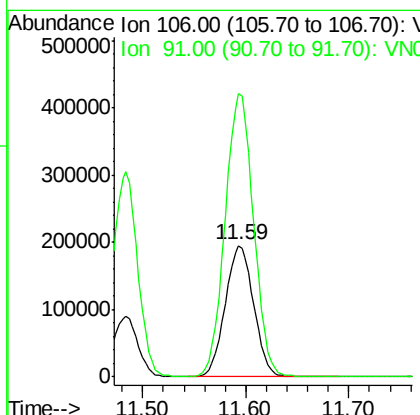
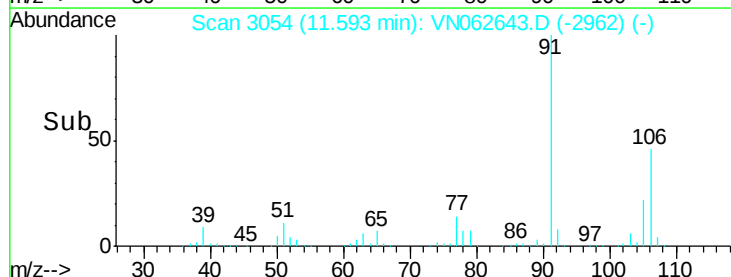
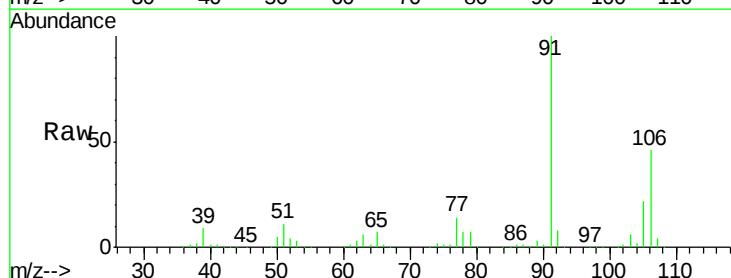
Manual Integrations  
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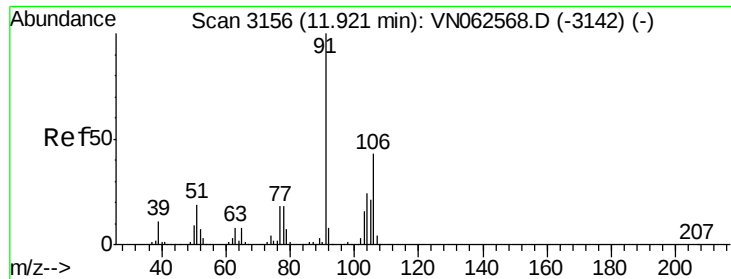
MMDadoda  
7/30/2020 6:21:00 PM



#68  
m/p-Xylenes  
Concen: 102.414 ug/l  
RT: 11.59 min Scan# 3054  
Delta R.T. -0.00 min  
Lab File: VN062643.D  
Acq: 29 Jul 2020 10:00

Tgt Ion: 106 Resp: 375584  
Ion Ratio Lower Upper  
106 100  
91 215.6 171.4 257.2





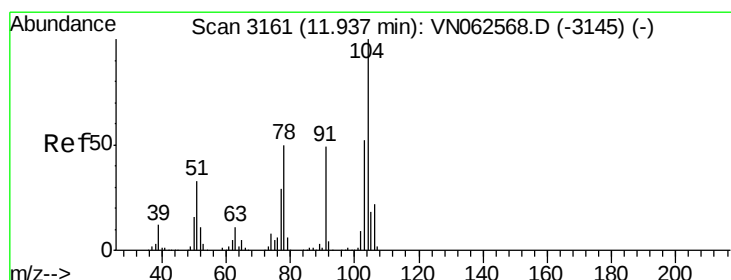
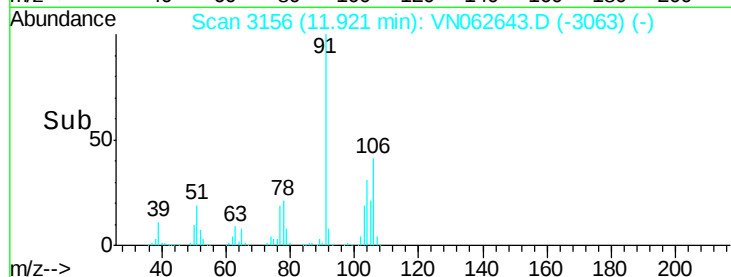
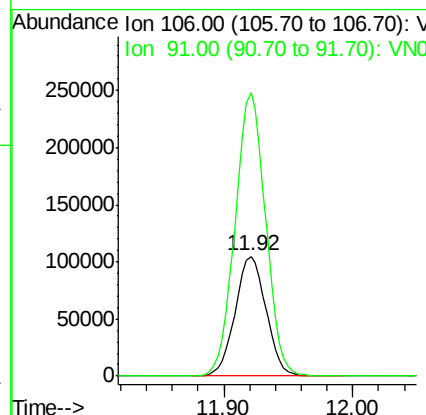
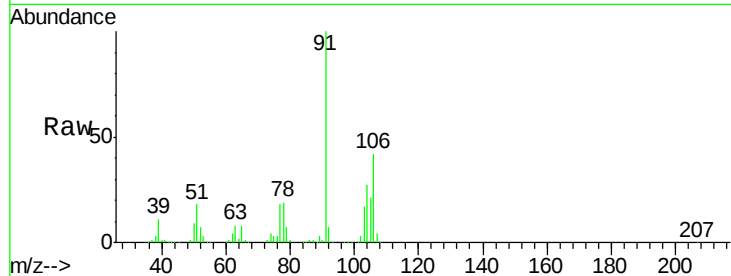
#69  
o-Xylene  
Concen: 50.220 ug/l  
RT: 11.92 min Scan# 3156  
Delta R.T. -0.00 min  
Lab File: VN062643.D  
Acq: 29 Jul 2020 10:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion:106 Resp: 174888  
Ion Ratio Lower Upper  
106 100  
91 233.3 113.8 341.2

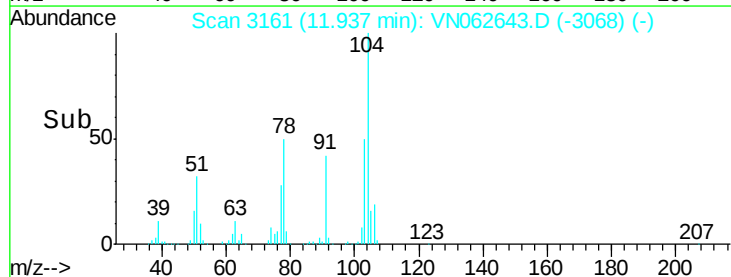
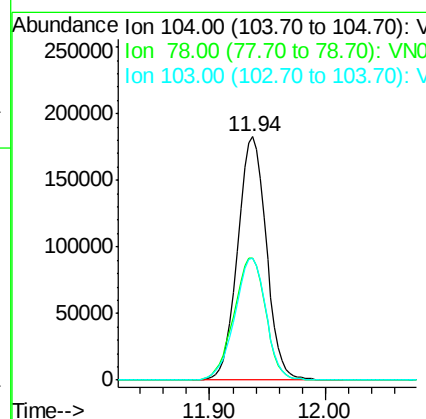
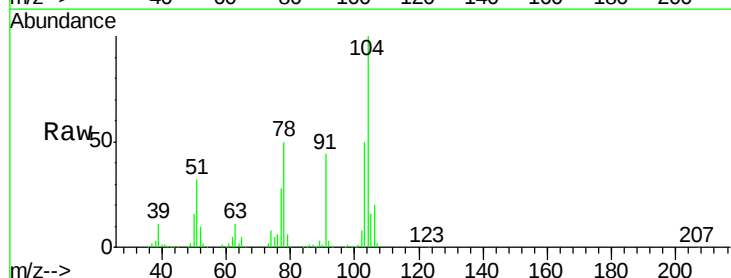
Manual Integrations  
APPROVED

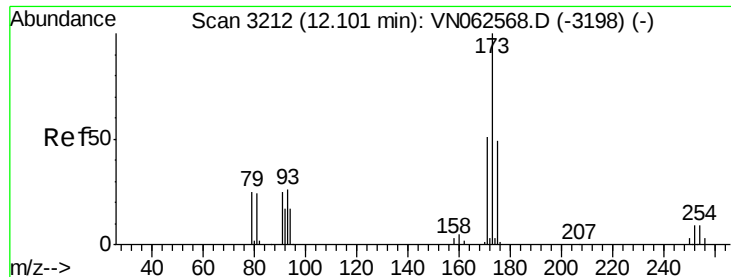
MMDadoda  
7/30/2020 6:21:00 PM



#70  
Styrene  
Concen: 53.097 ug/l  
RT: 11.94 min Scan# 3161  
Delta R.T. -0.00 min  
Lab File: VN062643.D  
Acq: 29 Jul 2020 10:00

Tgt Ion:104 Resp: 312353  
Ion Ratio Lower Upper  
104 100  
78 56.1 43.8 65.6  
103 54.4 44.0 66.0





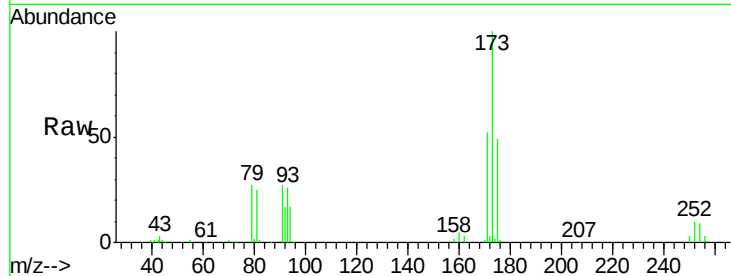
#71  
Bromoform  
Concen: 51.616 ug/l  
RT: 12.10 min Scan# 3212  
Delta R.T. -0.00 min  
Lab File: VN062643.D  
Acq: 29 Jul 2020 10:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 49.1  | 24.1  | 72.2  |
| 254     | 0.0   | 0.0   | 0.0   |

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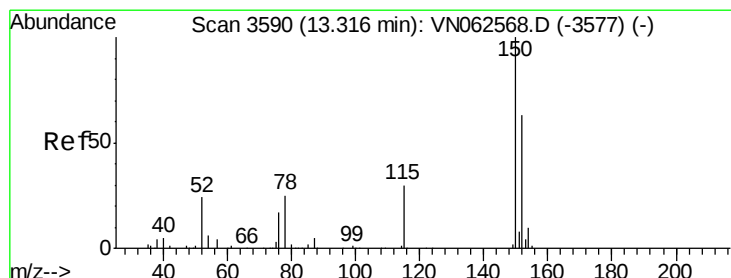
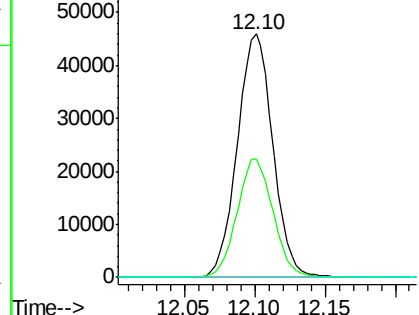
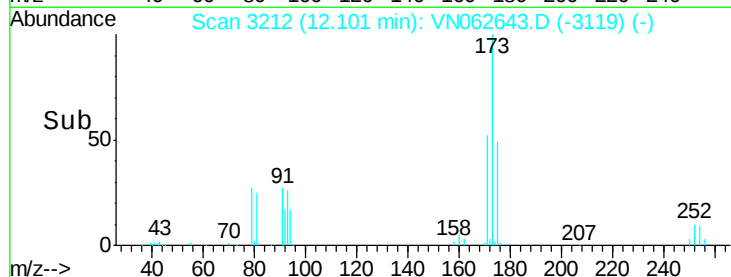


Abundance

Ion 172.70 (172.40 to 173.40): V

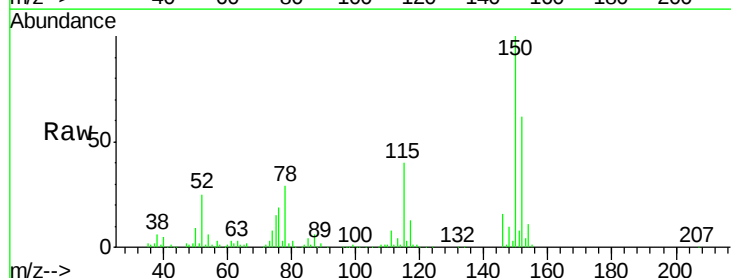
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.32 min Scan# 3590  
Delta R.T. -0.00 min  
Lab File: VN062643.D  
Acq: 29 Jul 2020 10:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 63.2  | 31.8  | 95.4  |
| 150     | 174.4 | 0.0   | 351.4 |

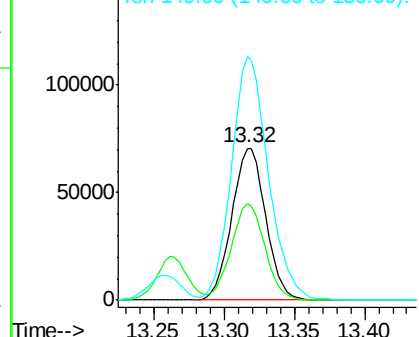
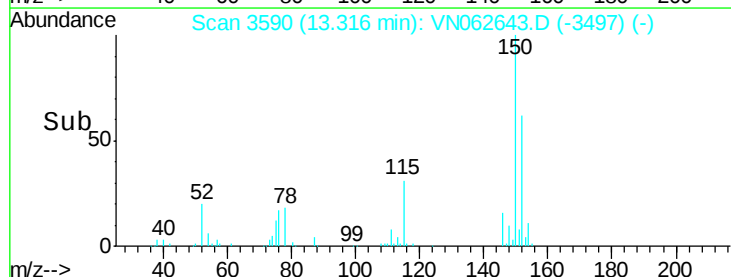


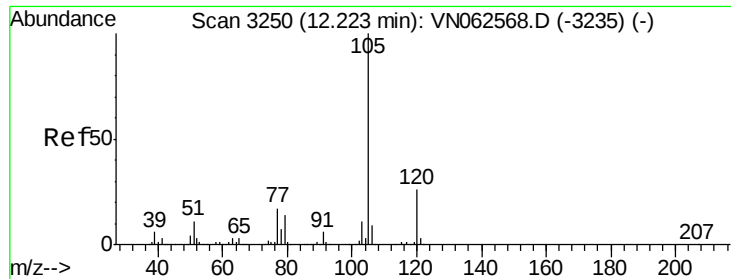
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.934 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062643.D

Acq: 29 Jul 2020 10:00

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 487942

Ion Ratio Lower Upper

105 100

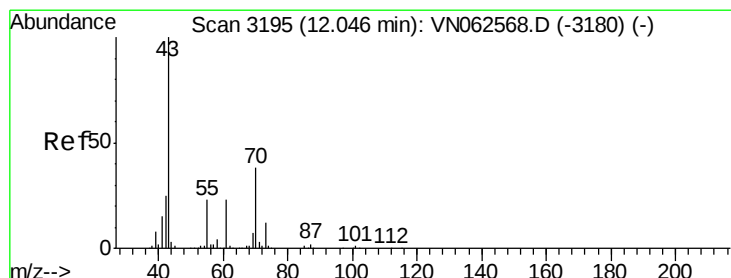
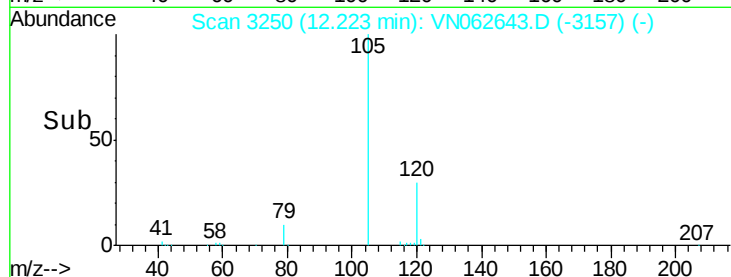
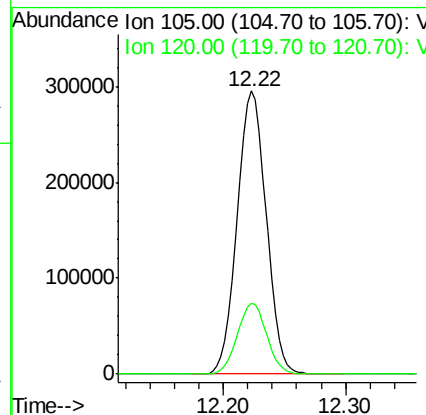
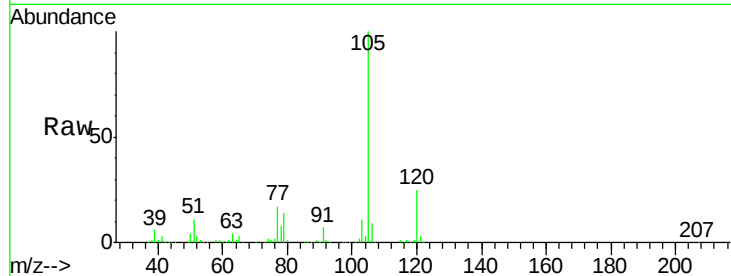
120 25.2 12.8 38.4

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#74

N-ethyl acetate

Concen: 52.920 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN062643.D

Acq: 29 Jul 2020 10:00

Tgt Ion: 43 Resp: 222045

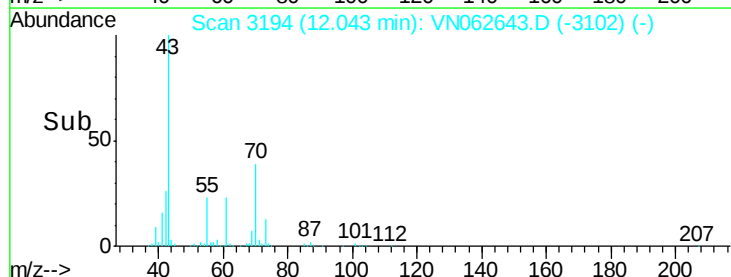
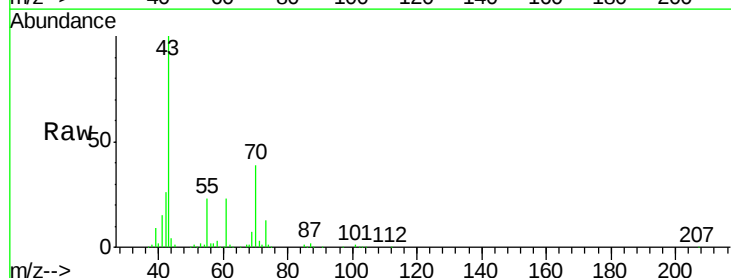
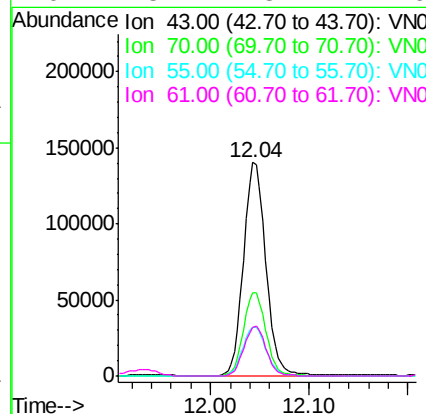
Ion Ratio Lower Upper

43 100

70 39.2 30.5 45.7

55 23.9 19.0 28.6

61 23.2 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 46.889 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062643.D

Acq: 29 Jul 2020 10:00

Instrument :

MSVOA\_N

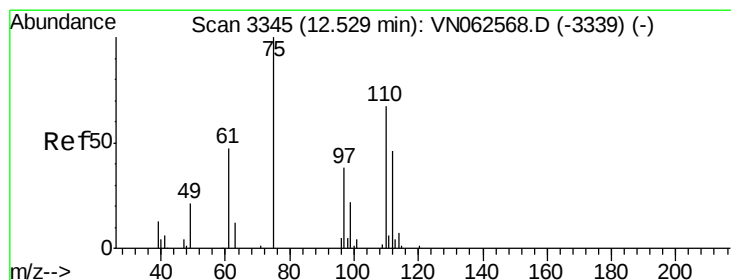
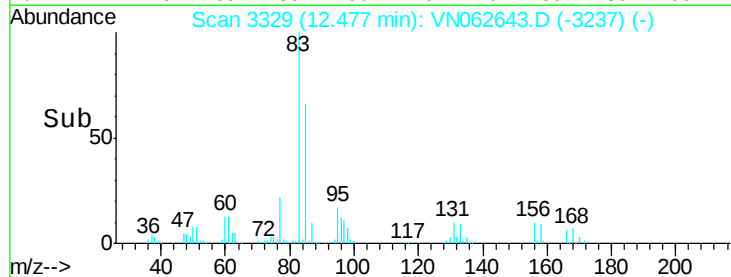
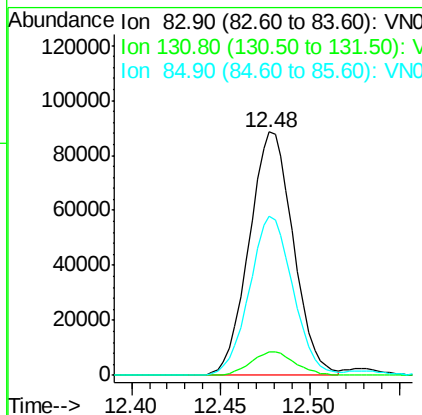
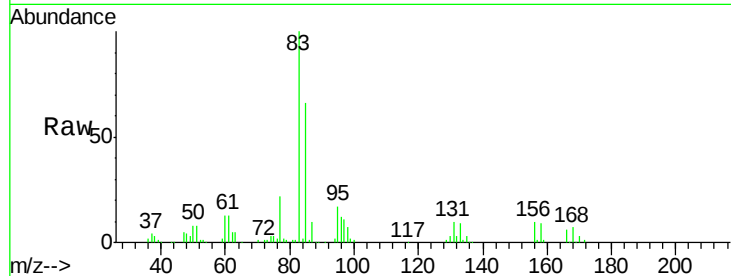
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 83    | Resp: | 153089 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 9.7   | 4.8   | 14.3   |
| 85        | 64.3  | 31.8  | 95.4   |

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#76

1,2,3-Trichloropropane

Concen: 49.853 ug/l m

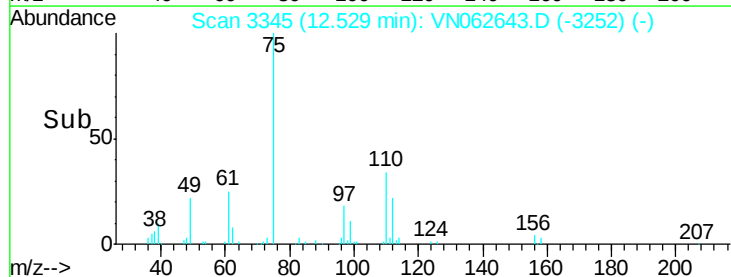
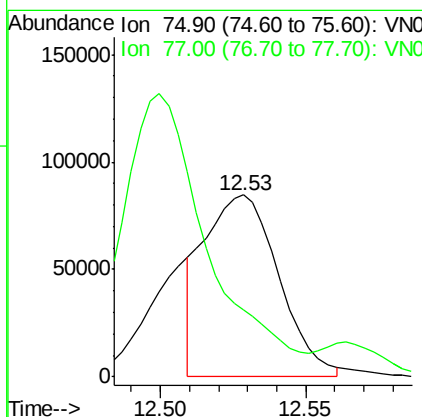
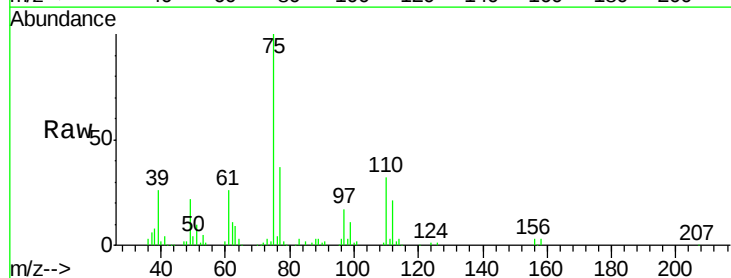
RT: 12.53 min Scan# 3345

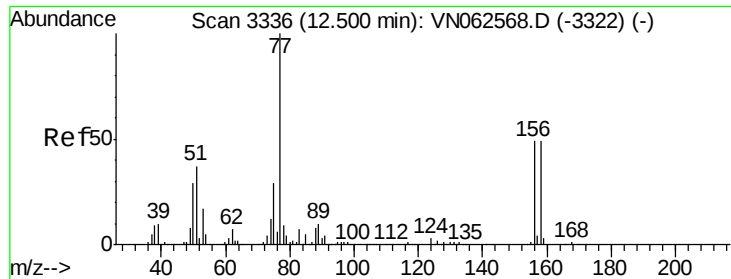
Delta R.T. -0.00 min

Lab File: VN062643.D

Acq: 29 Jul 2020 10:00

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 150777 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 0.0   | 0.0   | 0.0    |





#77

Bromobenzene

Concen: 50.565 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062643.D

Acq: 29 Jul 2020 10:00

Instrument :

MSVOA\_N

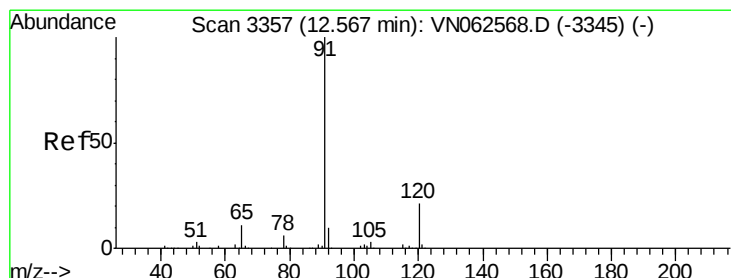
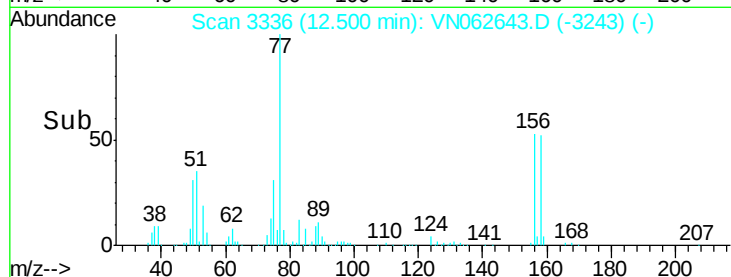
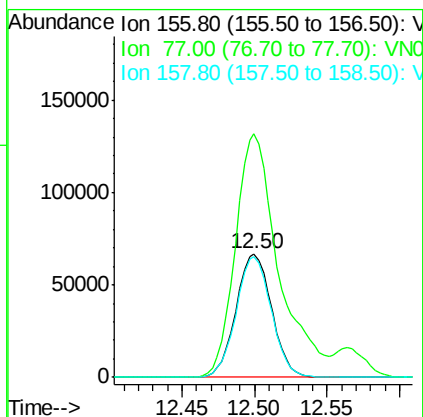
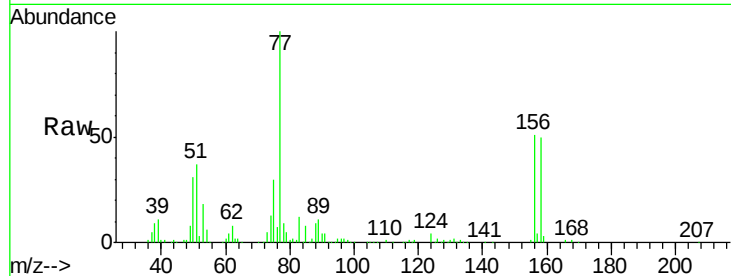
ClientSampleId :

VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 238.8 | 122.8 | 368.3 |
| 158     | 96.4  | 49.4  | 148.0 |

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#78

n-propylbenzene

Concen: 52.700 ug/l

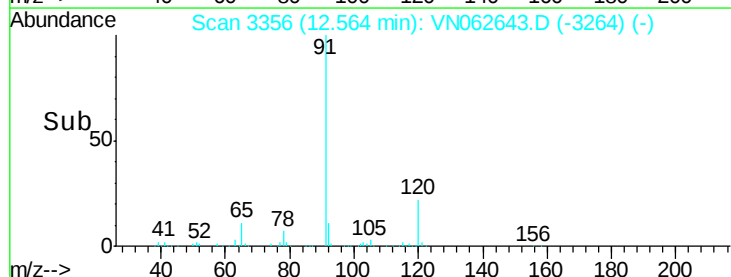
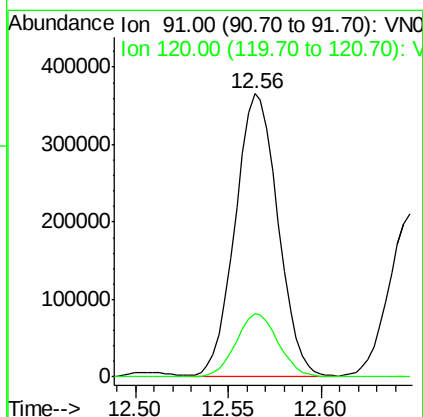
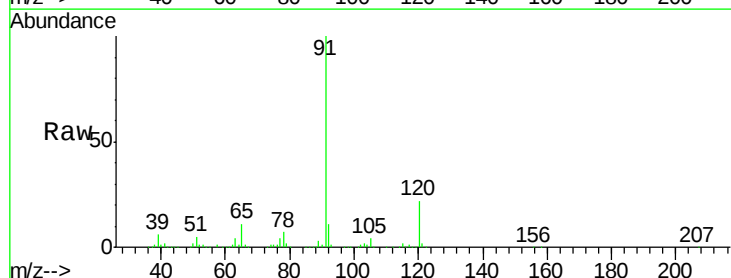
RT: 12.56 min Scan# 3356

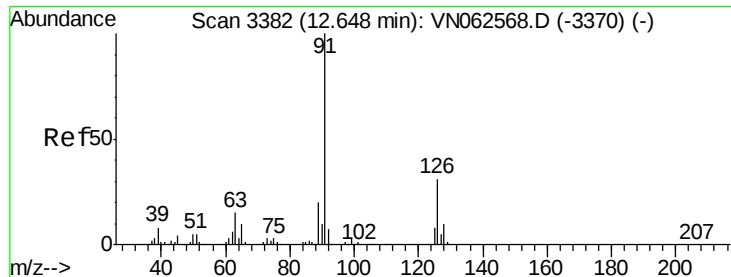
Delta R.T. -0.00 min

Lab File: VN062643.D

Acq: 29 Jul 2020 10:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 22.2  | 10.9  | 32.6  |





#79

2-Chlorotoluene

Concen: 50.928 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062643.D

Acq: 29 Jul 2020 10:00

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 345417

Ion Ratio Lower Upper

91 100

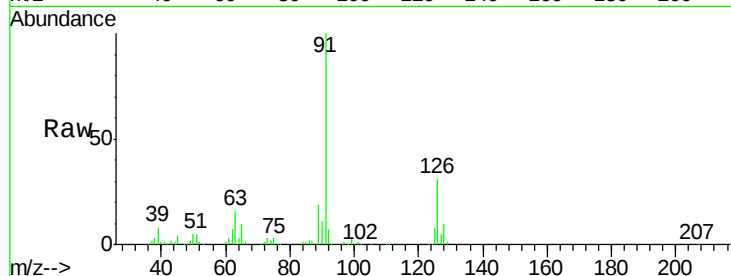
126 31.8 15.9 47.6

Manual Integrations

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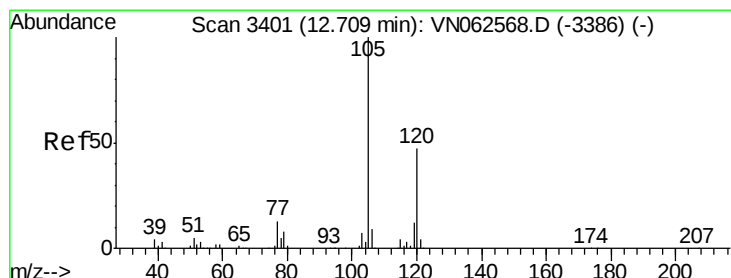
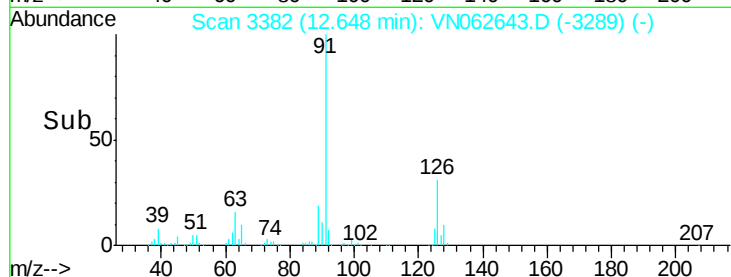
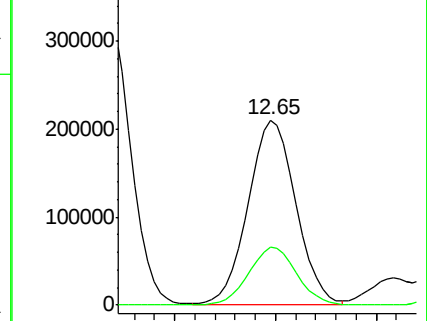
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Abundance Ion 91.00 (90.70 to 91.70): VN062643.D (-3382) (-)

Ion 125.90 (125.60 to 126.60): VN062643.D (-3382) (-)



#80

1,3,5-Trimethylbenzene

Concen: 55.049 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062643.D

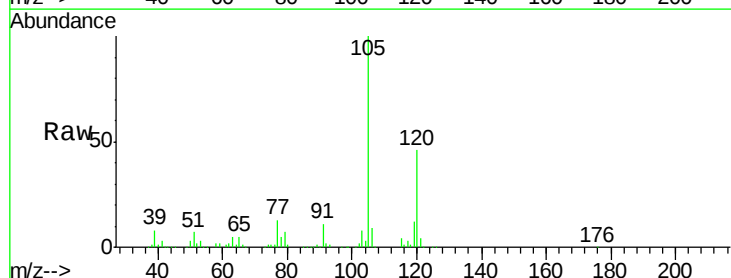
Acq: 29 Jul 2020 10:00

Tgt Ion: 105 Resp: 429020

Ion Ratio Lower Upper

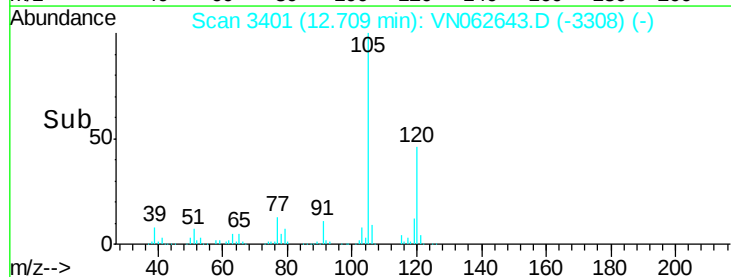
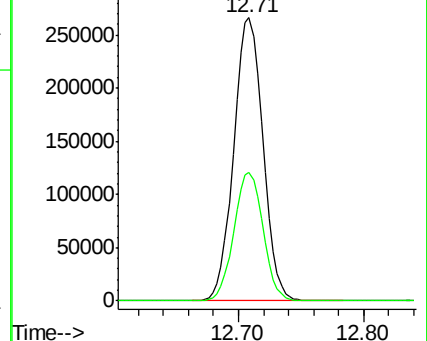
105 100

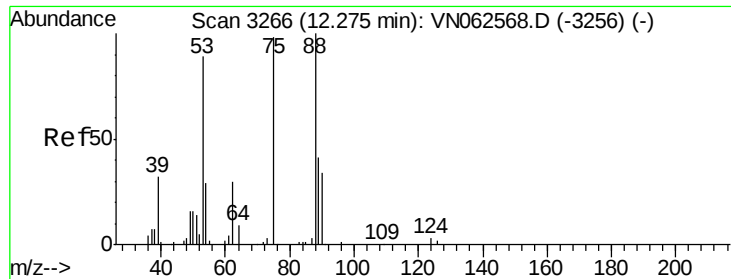
120 45.5 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): VN062643.D (-3398) (-)

Ion 120.00 (119.70 to 120.70): VN062643.D (-3398) (-)





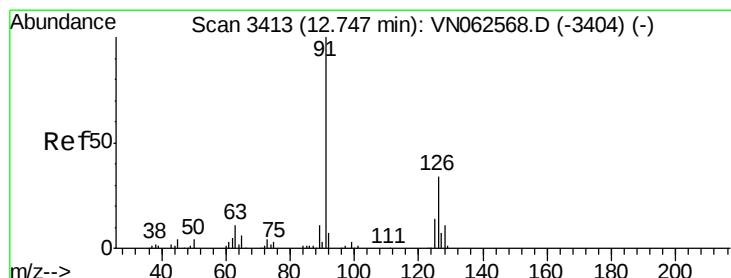
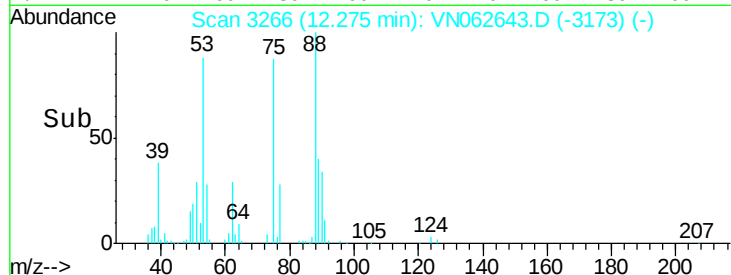
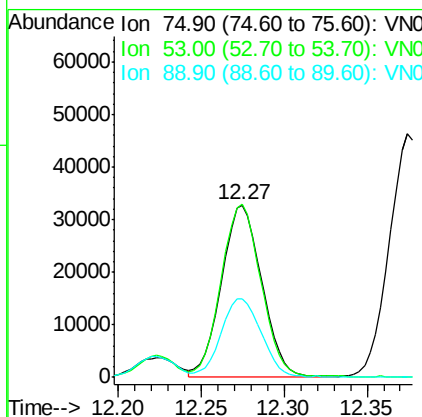
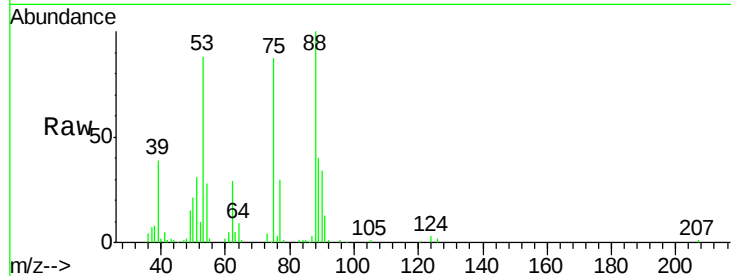
#81  
trans-1,4-Dichloro-2-butene  
Concen: 51.459 ug/l  
RT: 12.27 min Scan# 3266  
Delta R.T. -0.00 min  
Lab File: VN062643.D  
Acq: 29 Jul 2020 10:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 99.5  | 75.4  | 113.0 |
| 89      | 43.9  | 34.5  | 51.7  |

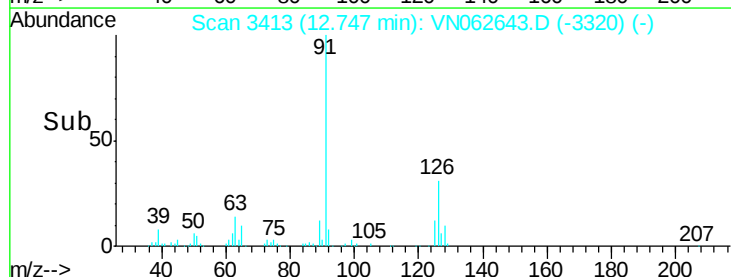
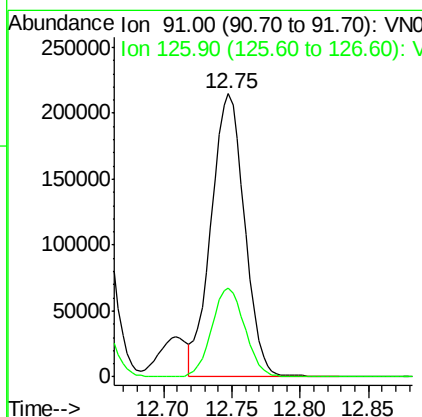
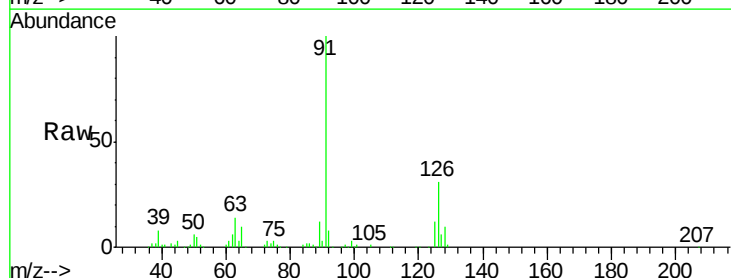
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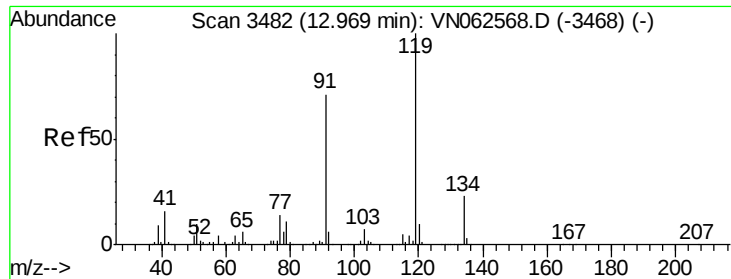
MMDadoda  
7/30/2020 6:21:00 PM



#82  
4-Chlorotoluene  
Concen: 51.517 ug/l  
RT: 12.75 min Scan# 3413  
Delta R.T. -0.00 min  
Lab File: VN062643.D  
Acq: 29 Jul 2020 10:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 31.2  | 15.4  | 46.4  |





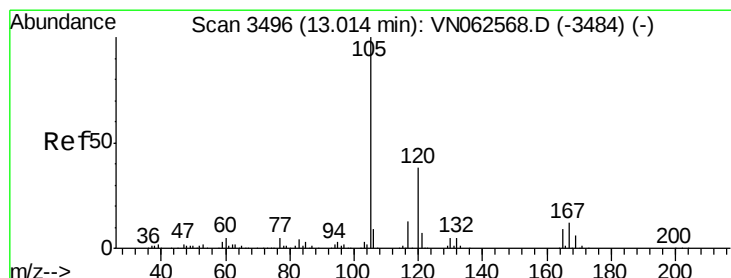
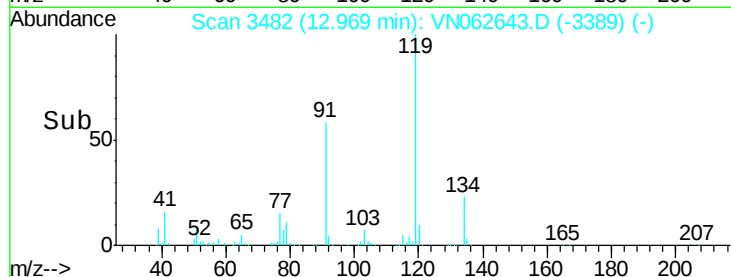
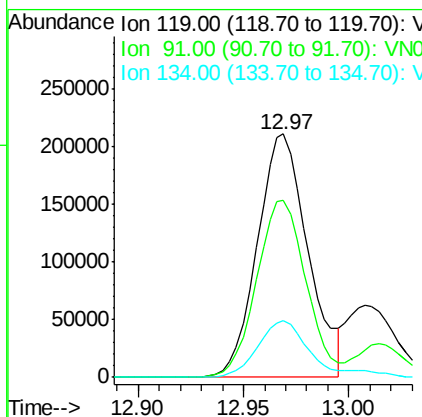
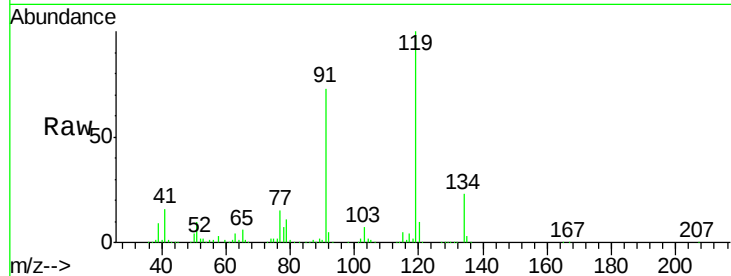
#83  
 tert-Butylbenzene  
 Concen: 54.480 ug/l  
 RT: 12.97 min Scan# 3482  
 Delta R.T. -0.00 min  
 Lab File: VN062643.D  
 Acq: 29 Jul 2020 10:00

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 71.5  | 34.6  | 103.8 |
| 134     | 22.8  | 11.5  | 34.4  |

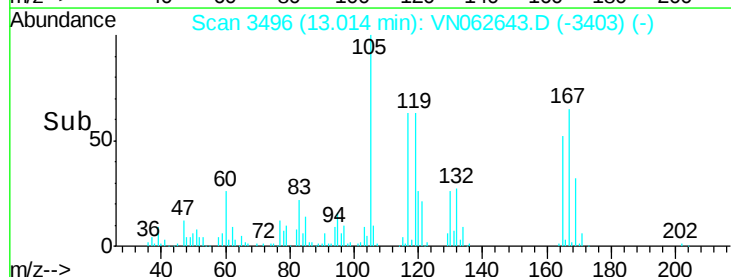
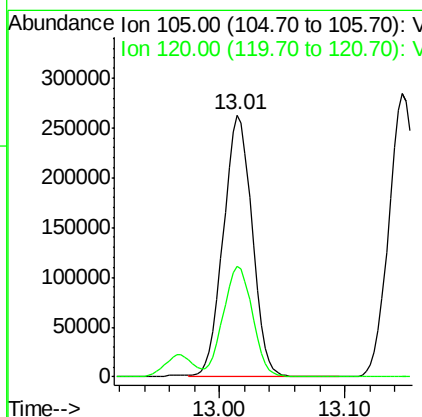
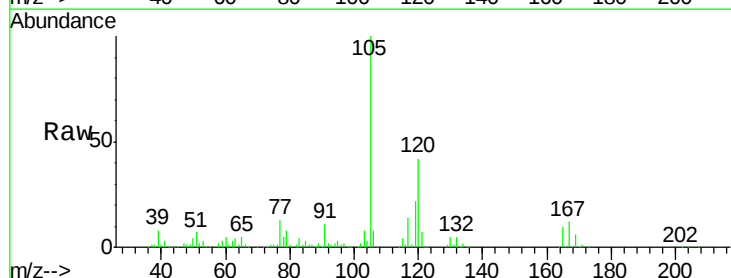
Manual Integrations  
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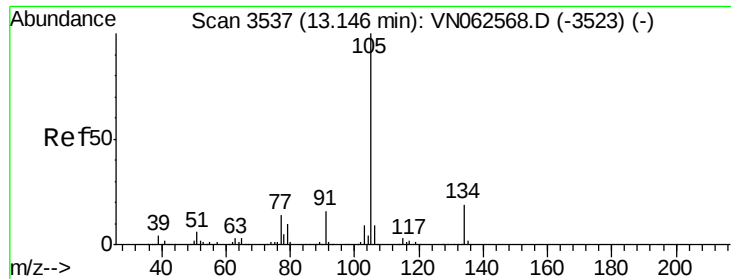
MMDadoda  
 7/30/2020 6:21:00 PM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 54.630 ug/l  
 RT: 13.01 min Scan# 3496  
 Delta R.T. -0.00 min  
 Lab File: VN062643.D  
 Acq: 29 Jul 2020 10:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 43.1  | 22.1  | 66.3  |





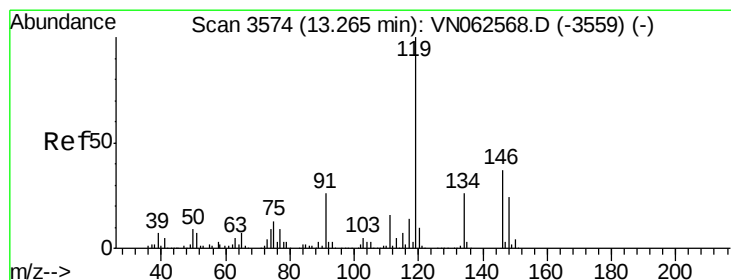
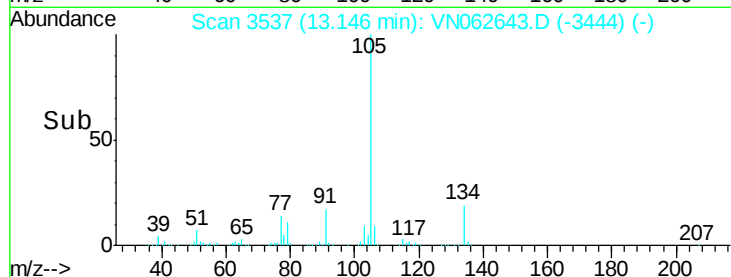
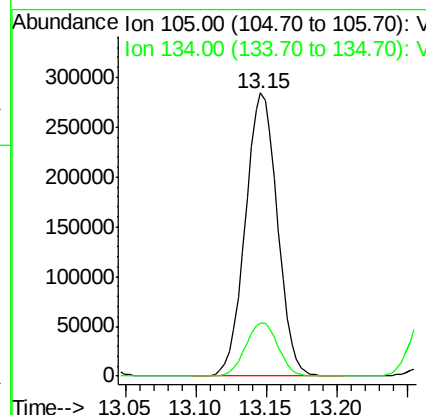
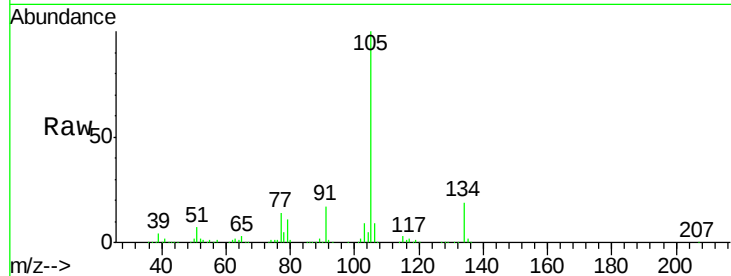
#85  
 sec-Butylbenzene  
 Concen: 52.159 ug/l  
 RT: 13.15 min Scan# 3537  
 Delta R.T. -0.00 min  
 Lab File: VN062643.D  
 Acq: 29 Jul 2020 10:00

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 134     | 19.0  | 9.5   | 28.5  |

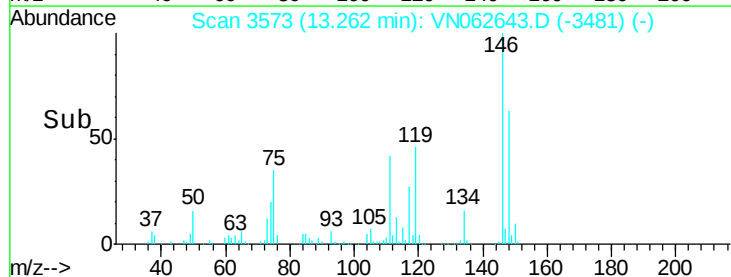
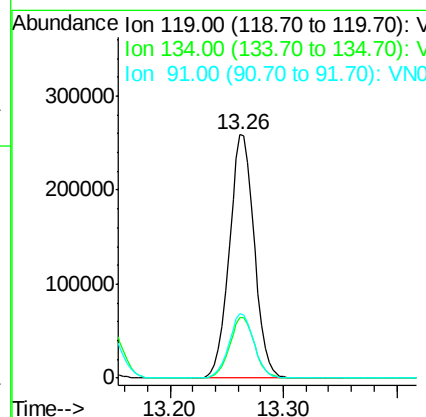
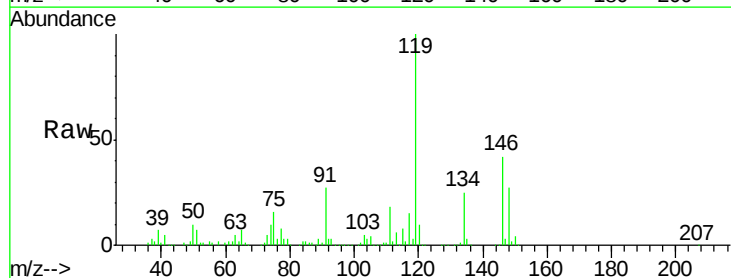
Manual Integrations  
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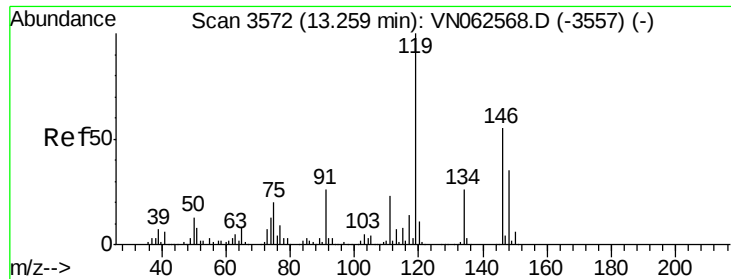
MMDadoda  
 7/30/2020 6:21:00 PM



#86  
 p-Isopropyltoluene  
 Concen: 52.882 ug/l  
 RT: 13.26 min Scan# 3573  
 Delta R.T. -0.00 min  
 Lab File: VN062643.D  
 Acq: 29 Jul 2020 10:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 25.1  | 12.8  | 38.4  |
| 91      | 26.4  | 12.7  | 38.1  |





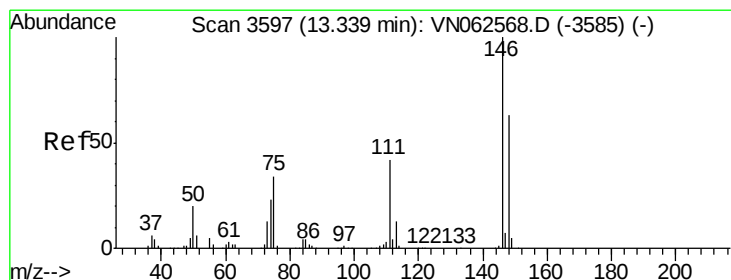
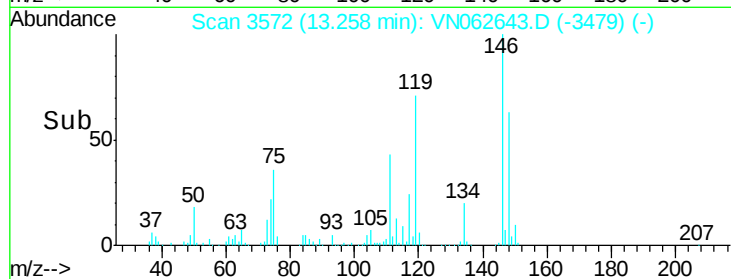
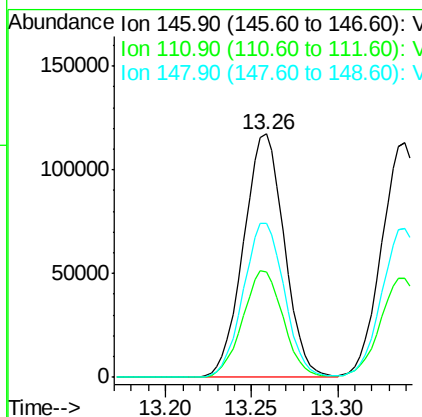
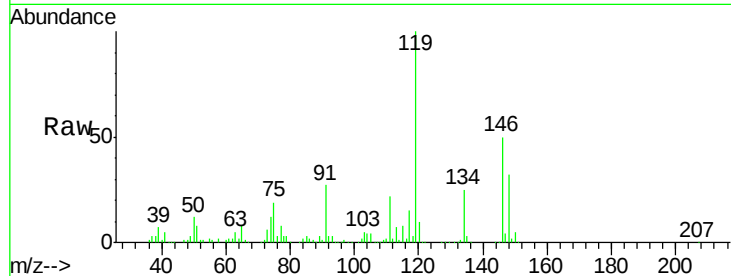
#87  
 1,3-Dichlorobenzene  
 Concen: 48.708 ug/l  
 RT: 13.26 min Scan# 3572  
 Delta R.T. -0.00 min  
 Lab File: VN062643.D  
 Acq: 29 Jul 2020 10:00

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 192992 |       |       |
| 111     | 43.3  | 21.6   | 64.6  |       |
| 148     | 63.7  | 31.8   | 95.4  |       |

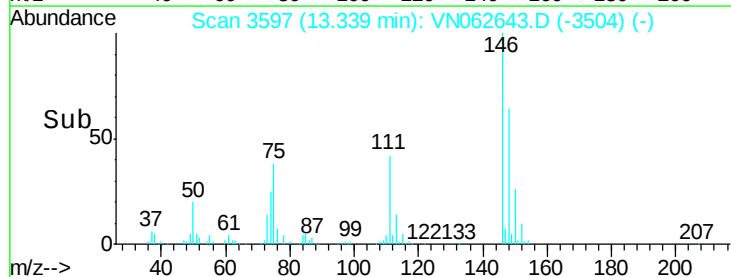
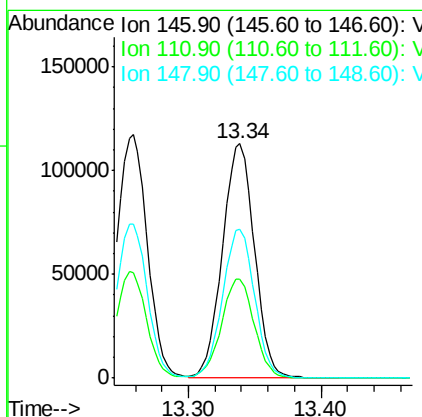
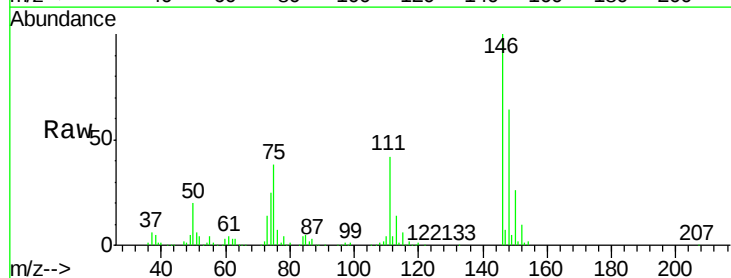
Manual Integrations  
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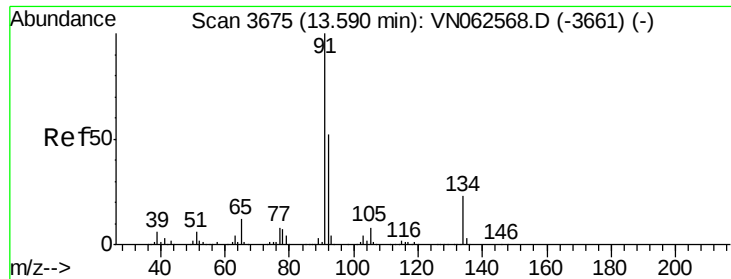
MMDadoda  
 7/30/2020 6:21:00 PM



#88  
 1,4-Dichlorobenzene  
 Concen: 48.471 ug/l  
 RT: 13.34 min Scan# 3597  
 Delta R.T. -0.00 min  
 Lab File: VN062643.D  
 Acq: 29 Jul 2020 10:00

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 189060 |       |       |
| 111     | 43.1  | 21.1   | 63.1  |       |
| 148     | 63.9  | 31.6   | 94.8  |       |





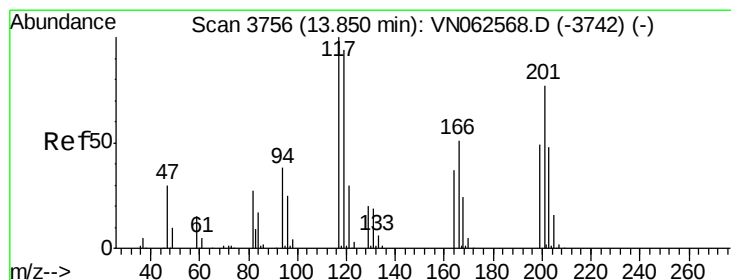
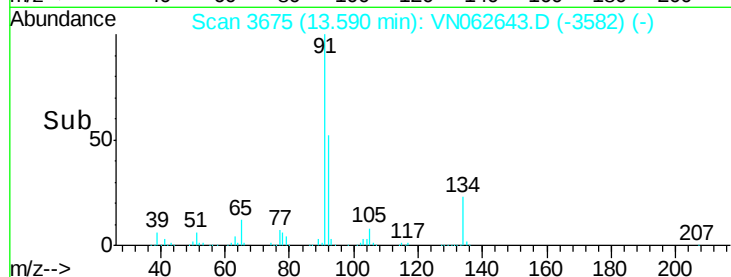
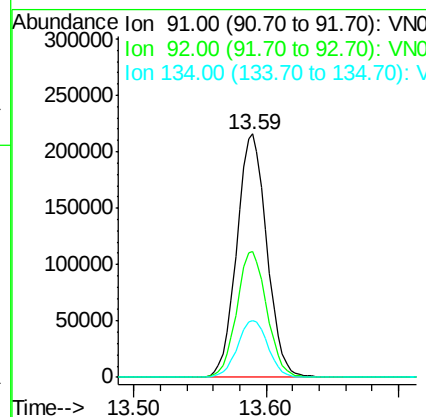
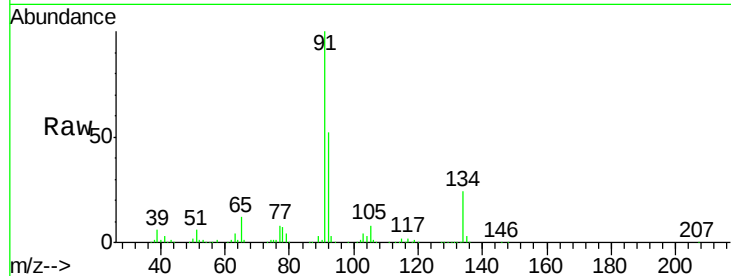
#89  
n-Butylbenzene  
Concen: 53.066 ug/l  
RT: 13.59 min Scan# 3675  
Delta R.T. -0.00 min  
Lab File: VN062643.D  
Acq: 29 Jul 2020 10:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 51.6  | 25.8  | 77.3  |
| 134     | 23.7  | 11.8  | 35.3  |

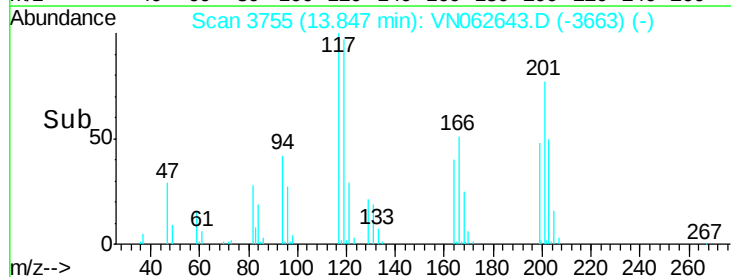
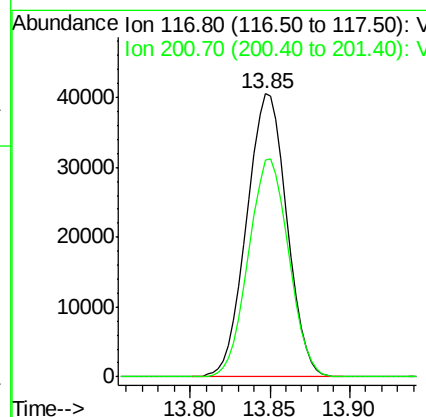
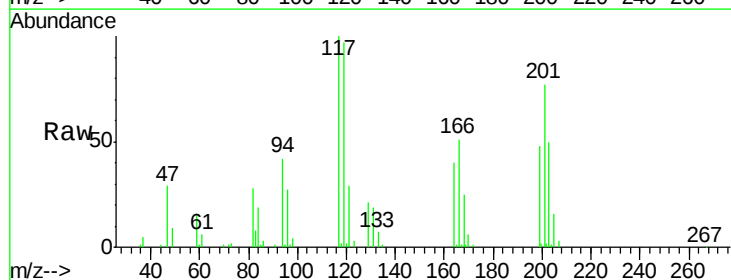
Manual Integrations  
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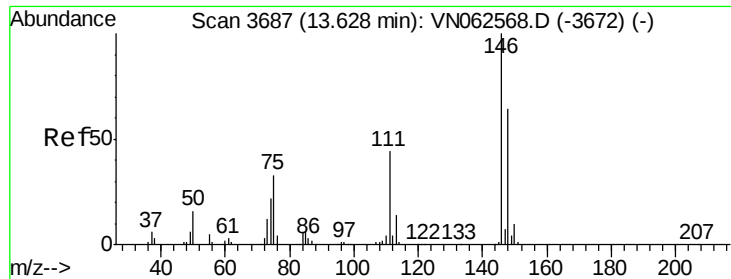
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#90  
Hexachloroethane  
Concen: 43.875 ug/l  
RT: 13.85 min Scan# 3755  
Delta R.T. -0.00 min  
Lab File: VN062643.D  
Acq: 29 Jul 2020 10:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 77.0  | 39.2  | 117.6 |





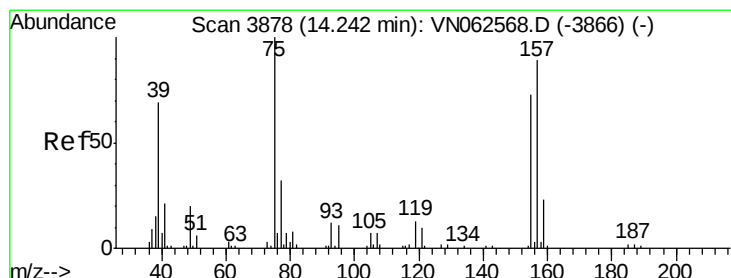
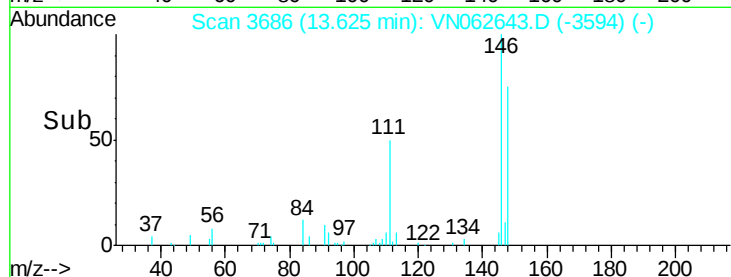
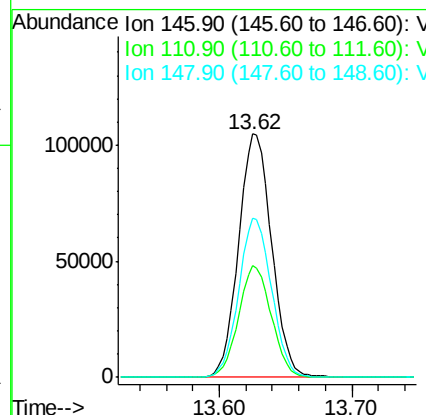
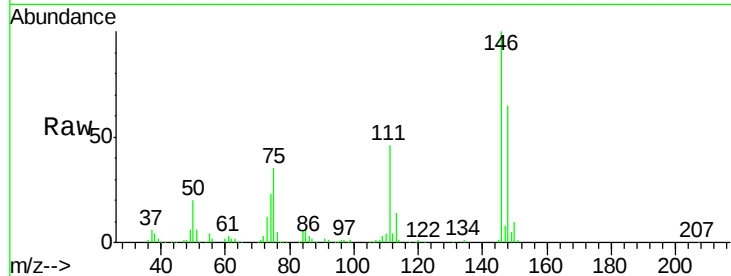
#91  
 1,2-Dichlorobenzene  
 Concen: 47.954 ug/l  
 RT: 13.62 min Scan# 3686  
 Delta R.T. -0.00 min  
 Lab File: VN062643.D  
 Acq: 29 Jul 2020 10:00

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 181682 |       |       |
| 111     | 45.5  | 21.9   | 65.8  |       |
| 148     | 65.0  | 31.6   | 94.7  |       |

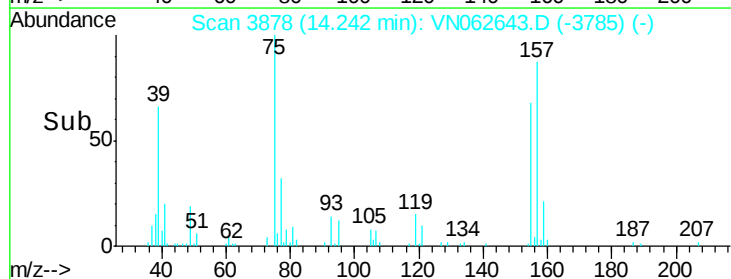
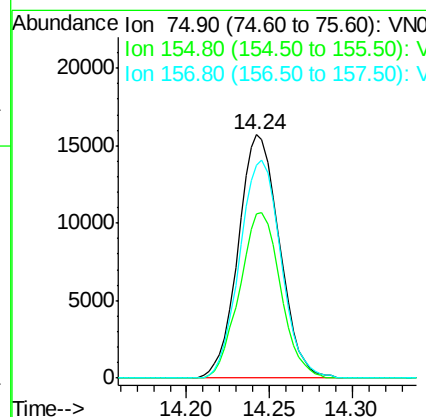
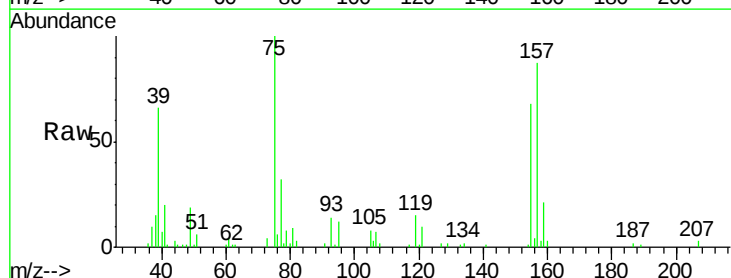
Manual Integrations  
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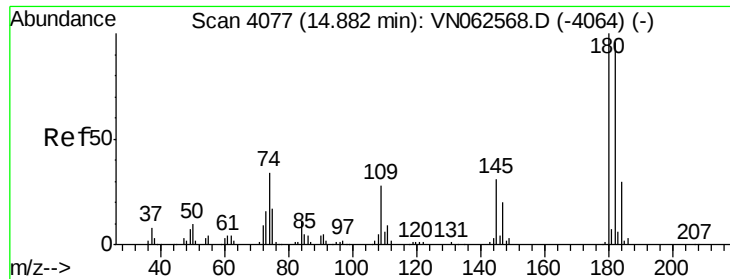
MMDadoda  
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 45.866 ug/l  
 RT: 14.24 min Scan# 3878  
 Delta R.T. -0.00 min  
 Lab File: VN062643.D  
 Acq: 29 Jul 2020 10:00

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 27188 |       |       |
| 155     | 67.4  | 35.9  | 107.5 |       |
| 157     | 89.8  | 45.0  | 135.0 |       |





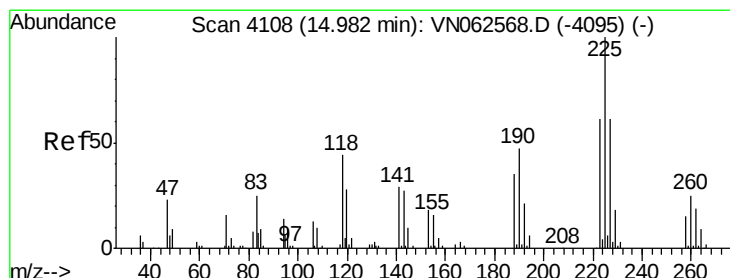
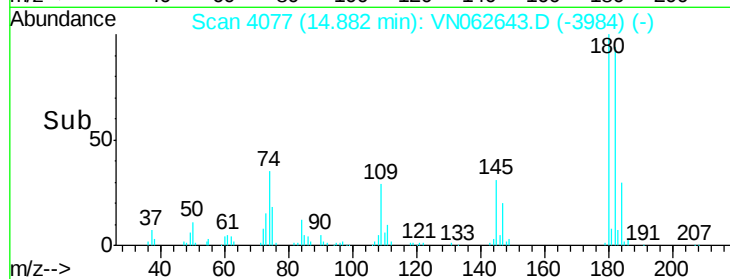
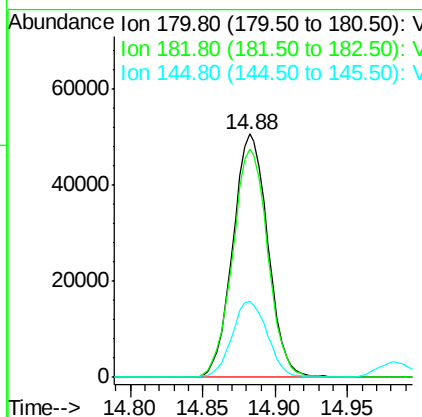
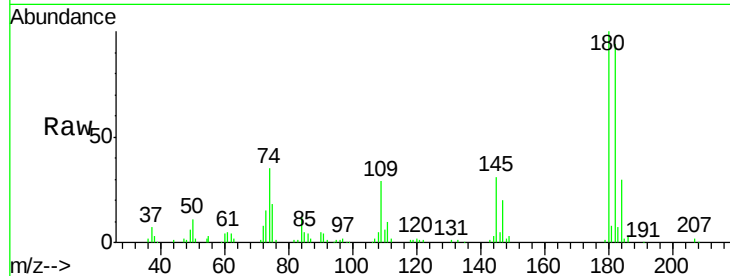
#93  
 1,2,4-Trichlorobenzene  
 Concen: 43.048 ug/l  
 RT: 14.88 min Scan# 4077  
 Delta R.T. 0.00 min  
 Lab File: VN062643.D  
 Acq: 29 Jul 2020 10:00

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 84837 |       |       |
| 182     | 94.4  | 47.8  | 143.3 |       |
| 145     | 31.6  | 15.3  | 45.9  |       |

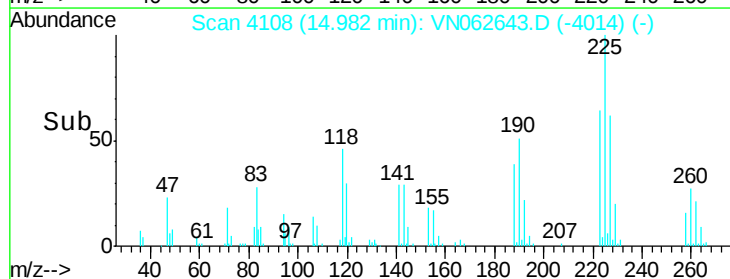
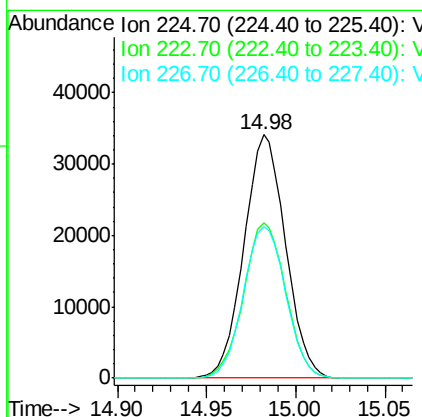
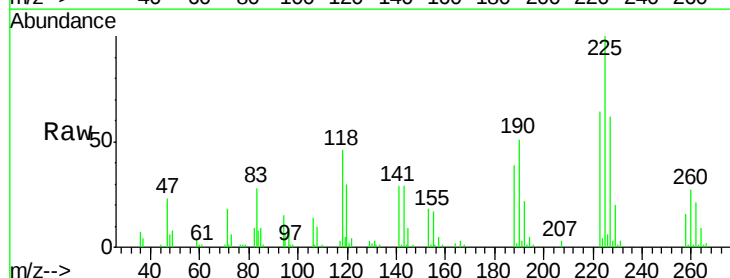
Manual Integrations  
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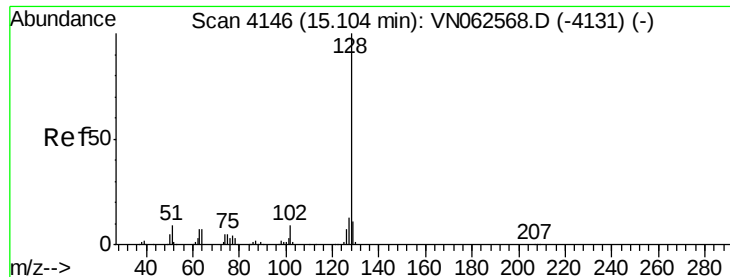
MMDadoda  
 7/30/2020 6:21:00 PM



#94  
 Hexachlorobutadiene  
 Concen: 54.352 ug/l  
 RT: 14.98 min Scan# 4108  
 Delta R.T. 0.00 min  
 Lab File: VN062643.D  
 Acq: 29 Jul 2020 10:00

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 55669 |       |       |
| 223     | 64.6  | 32.0  | 96.0  |       |
| 227     | 63.6  | 31.1  | 93.2  |       |





#95

Naphthalene

Concen: 41.240 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062643.D

Acq: 29 Jul 2020 10:00

Instrument :

MSVOA\_N

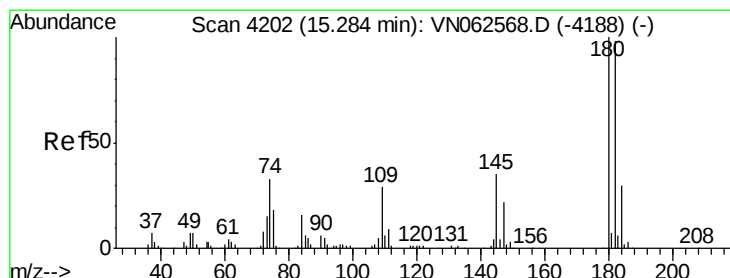
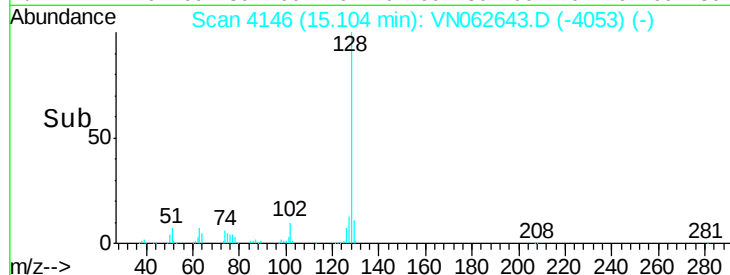
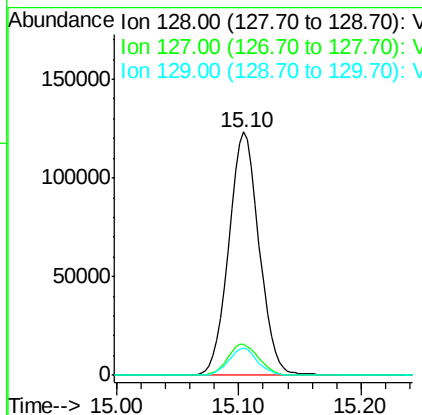
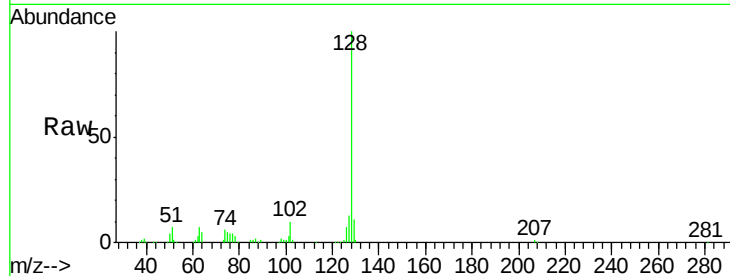
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 214155 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.1  | 10.4  | 15.6   |
| 129       | 10.6  | 8.7   | 13.1   |

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#96

1,2,3-Trichlorobenzene

Concen: 47.229 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062643.D

Acq: 29 Jul 2020 10:00

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 84326 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 97.3  | 48.1  | 144.3 |
| 145       | 34.4  | 16.7  | 50.1  |

