

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012720\  
 Data File : VN059862.D  
 Acq On : 27 Jan 2020 9:48  
 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  
 1/28/2020 9:24:22 AM

Quant Time: Jan 27 15:47:44 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N011320W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jan 18 03:09:32 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.64  | 168  | 201798   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.57  | 114  | 307825   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.40 | 117  | 280823   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 137212   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 8.00   | 65  | 109617   | 48.91 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 97.82%  |      |
| 35) Dibromofluoromethane    | 7.56   | 113 | 94655    | 51.56 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 103.12% |      |
| 50) Toluene-d8              | 10.08  | 98  | 352423   | 49.55 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 99.10%  |      |
| 62) 4-Bromofluorobenzene    | 12.40  | 95  | 126759   | 49.44 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 98.88%  |      |

| Target Compounds              |      |     |         |         |        | Qvalue |
|-------------------------------|------|-----|---------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 113602  | 47.724  | ug/l   | 98     |
| 3) Chloromethane              | 2.04 | 50  | 106103  | 45.925  | ug/l   | 99     |
| 4) Vinyl Chloride             | 2.17 | 62  | 136313  | 51.567  | ug/l   | 97     |
| 5) Bromomethane               | 2.53 | 94  | 82449   | 51.109  | ug/l   | 99     |
| 6) Chloroethane               | 2.68 | 64  | 63589   | 50.846  | ug/l   | 100    |
| 7) Trichlorofluoromethane     | 3.00 | 101 | 163069  | 51.367  | ug/l   | 100    |
| 8) Diethyl Ether              | 3.38 | 74  | 59378   | 53.297  | ug/l   | 81     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.74 | 101 | 95777   | 54.207  | ug/l   | 93     |
| 10) Methyl Iodide             | 3.93 | 142 | 142955  | 50.055  | ug/l   | 95     |
| 11) Tert butyl alcohol        | 4.73 | 59  | 89499   | 237.232 | ug/l   | 98     |
| 12) 1,1-Dichloroethene        | 3.72 | 96  | 93736   | 50.771  | ug/l   | 88     |
| 13) Acrolein                  | 3.58 | 56  | 60882   | 227.974 | ug/l   | 99     |
| 14) Allyl chloride            | 4.29 | 41  | 124142  | 49.886  | ug/l # | 83     |
| 15) Acrylonitrile             | 4.94 | 53  | 216911  | 252.056 | ug/l   | 100    |
| 16) Acetone                   | 3.78 | 43  | 287199  | 380.989 | ug/l   | 97     |
| 17) Carbon Disulfide          | 4.03 | 76  | 238007  | 45.254  | ug/l   | 99     |
| 18) Methyl Acetate            | 4.28 | 43  | 133710  | 51.080  | ug/l # | 90     |
| 19) Methyl tert-butyl Ether   | 5.00 | 73  | 311968  | 51.826  | ug/l   | 95     |
| 20) Methylene Chloride        | 4.52 | 84  | 103157  | 50.902  | ug/l   | 88     |
| 21) trans-1,2-Dichloroethene  | 5.01 | 96  | 98052   | 49.962  | ug/l   | 87     |
| 22) Diisopropyl ether         | 5.91 | 45  | 287707  | 51.017  | ug/l # | 96     |
| 23) Vinyl Acetate             | 5.86 | 43  | 1118301 | 256.122 | ug/l # | 94     |
| 24) 1,1-Dichloroethane        | 5.82 | 63  | 175492  | 50.929  | ug/l   | 96     |
| 25) 2-Butanone                | 6.80 | 43  | 338206  | 266.498 | ug/l # | 89     |
| 26) 2,2-Dichloropropane       | 6.79 | 77  | 168765  | 50.944  | ug/l   | 95     |
| 27) cis-1,2-Dichloroethene    | 6.80 | 96  | 117484  | 52.047  | ug/l   | 88     |
| 28) Bromochloromethane        | 7.17 | 49  | 67731   | 49.179  | ug/l # | 75     |
| 29) Tetrahydrofuran           | 7.18 | 42  | 183989  | 234.321 | ug/l # | 86     |
| 30) Chloroform                | 7.35 | 83  | 187504  | 52.518  | ug/l   | 99     |
| 31) Cyclohexane               | 7.63 | 56  | 149271  | 45.019  | ug/l   | 88     |
| 32) 1,1,1-Trichloroethane     | 7.55 | 97  | 171715  | 52.017  | ug/l   | 96     |
| 36) 1,1-Dichloropropene       | 7.77 | 75  | 136881  | 51.063  | ug/l   | 96     |
| 37) Ethyl Acetate             | 6.89 | 43  | 120425  | 47.898  | ug/l   | 97     |
| 38) Carbon Tetrachloride      | 7.75 | 117 | 154174  | 52.872  | 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  
 1/28/2020 9:24:22 AM

Quant Time: Jan 27 15:47:44 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N011320W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jan 18 03:09:32 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.06  | 83   | 165934   | 50.202   | ug/l   | 91       |
| 40) Benzene                    | 8.02  | 78   | 412310   | 51.573   | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.14  | 41   | 53221m   | 42.976   | ug/l   |          |
| 42) 1,2-Dichloroethane         | 8.10  | 62   | 143859   | 53.072   | ug/l   | 96       |
| 43) Isopropyl Acetate          | 8.14  | 43   | 213548   | 49.380   | ug/l # | 95       |
| 44) Trichloroethene            | 8.82  | 130  | 120228   | 55.088   | ug/l   | 91       |
| 45) 1,2-Dichloropropane        | 9.10  | 63   | 104864   | 53.007   | ug/l   | 99       |
| 46) Dibromomethane             | 9.19  | 93   | 75310    | 53.966   | ug/l   | 91       |
| 47) Bromodichloromethane       | 9.38  | 83   | 154005   | 54.764   | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.18  | 41   | 93945    | 48.566   | ug/l   | 90       |
| 49) 1,4-Dioxane                | 9.18  | 88   | 36799    | 1039.190 | ug/l   | 91       |
| 51) 4-Methyl-2-Pentanone       | 9.97  | 43   | 612345   | 244.948  | ug/l   | 95       |
| 52) Toluene                    | 10.14 | 92   | 266739   | 52.822   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.37 | 75   | 170984   | 54.453   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.82  | 75   | 180498   | 54.632   | ug/l   | 93       |
| 55) 1,1,2-Trichloroethane      | 10.55 | 97   | 106723   | 53.361   | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.42 | 69   | 155377   | 50.843   | ug/l   | 91       |
| 57) 1,3-Dichloropropane        | 10.70 | 76   | 171500   | 54.011   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.68  | 63   | 206102   | 223.906  | ug/l   | 91       |
| 59) 2-Hexanone                 | 10.74 | 43   | 483727   | 262.655  | ug/l   | 93       |
| 60) Dibromochloromethane       | 10.89 | 129  | 127899   | 56.157   | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 10.99 | 107  | 112539   | 53.686   | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.62 | 164  | 124790   | 54.524   | ug/l   | 95       |
| 65) Chlorobenzene              | 11.43 | 112  | 293261   | 53.130   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.50 | 131  | 115824   | 54.306   | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.50 | 91   | 526430   | 52.538   | ug/l   | 97       |
| 68) m/p-Xylenes                | 11.62 | 106  | 400623   | 105.846  | ug/l   | 95       |
| 69) o-Xylene                   | 11.94 | 106  | 193407   | 52.195   | ug/l   | 94       |
| 70) Styrene                    | 11.96 | 104  | 324057   | 52.262   | ug/l   | 97       |
| 71) Bromoform                  | 12.12 | 173  | 96502    | 56.487   | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.24 | 105  | 525742   | 52.245   | ug/l   | 99       |
| 74) N-amyl acetate             | 12.06 | 43   | 186430   | 47.744   | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 147482   | 50.555   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 124234m  | 53.801   | ug/l   |          |
| 77) Bromobenzene               | 12.52 | 156  | 134931   | 52.948   | ug/l   | 80       |
| 78) n-propylbenzene            | 12.59 | 91   | 598284   | 52.970   | ug/l   | 98       |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 348603   | 51.881   | ug/l   | 94       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 442891   | 52.333   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.29 | 75   | 55499    | 51.614   | ug/l   | 94       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 358364   | 53.174   | ug/l   | 96       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 387684   | 52.966   | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 444860   | 53.133   | ug/l   | 98       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 510359   | 53.070   | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.28 | 119  | 469284   | 52.739   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 239878   | 54.190   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 237686   | 53.824   | ug/l   | 97       |
| 89) n-Butylbenzene             | 13.61 | 91   | 406471   | 53.575   | ug/l   | 98       |
| 90) Hexachloroethane           | 13.87 | 117  | 88279    | 53.025   | ug/l   | 87       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 233112   | 53.268   | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 30564    | 48.760   | ug/l   | 81       |

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Acq On : 27 Jan 2020 9:48  
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

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1/28/2020 9:24:22 AM

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Quant Title : SW846 8260  
QLast Update : Sat Jan 18 03:09:32 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 138398   | 52.631 | ug/l  | 97       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 76404    | 52.726 | ug/l  | 100      |
| 95) Naphthalene            | 15.13 | 128  | 364044   | 48.672 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 132250   | 51.669 | ug/l  | 99       |

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

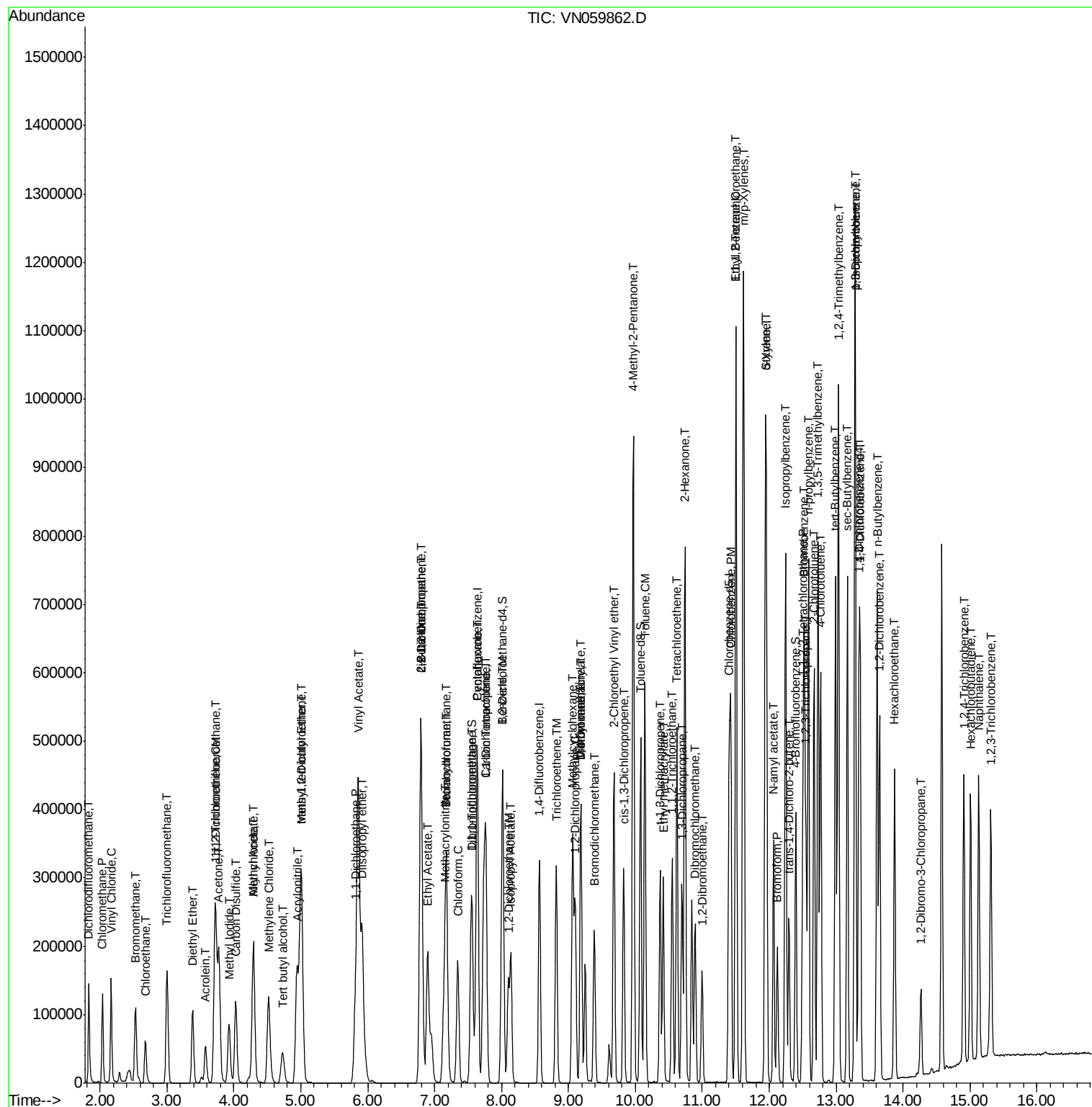
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Data File : VN059862.D  
Acq On : 27 Jan 2020 9:48  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 2 Sample Multiplier: 1

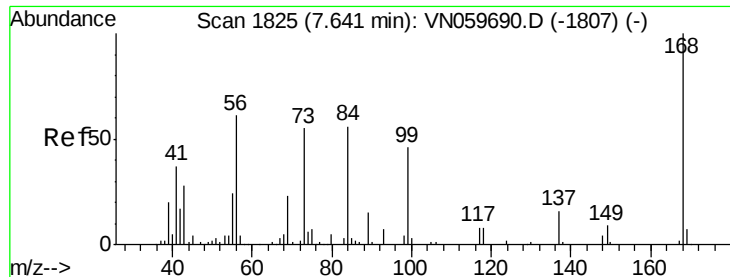
Instrument :  
MSVOA\_N  
Client Sampled :  
VSTDCCC050

Manual Integrations  
APPROVED

MMDadoda  
1/28/2020 9:24:22 AM

Quant Time: Jan 27 15:47:44 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N011320W.M  
Quant Title : SW846 8260  
QLast Update : Sat Jan 18 03:09:32 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059862.D

Acq: 27 Jan 2020 9:48

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 201798

Ion Ratio Lower Upper

168 100

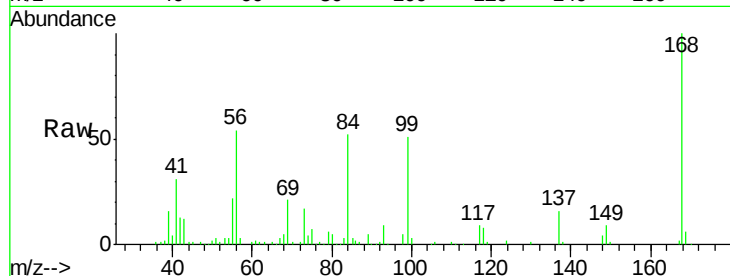
99 50.7 48.2 72.4

Manual Integrations

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1/28/2020 9:24:22 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

80000

60000

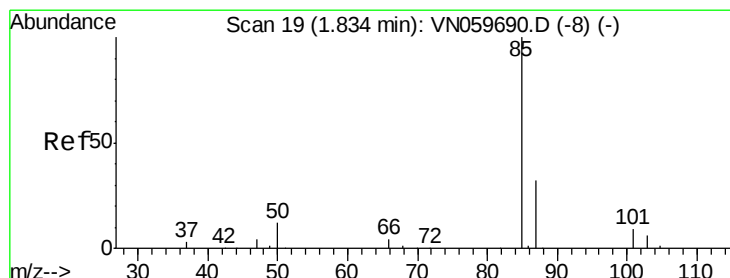
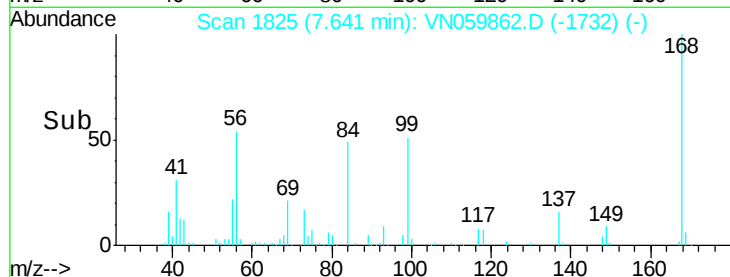
40000

20000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#2

Dichlorodifluoromethane

Concen: 47.724 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN059862.D

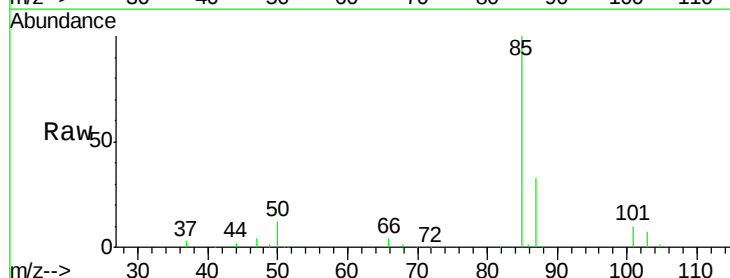
Acq: 27 Jan 2020 9:48

Tgt Ion: 85 Resp: 113602

Ion Ratio Lower Upper

85 100

87 33.1 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

80000

60000

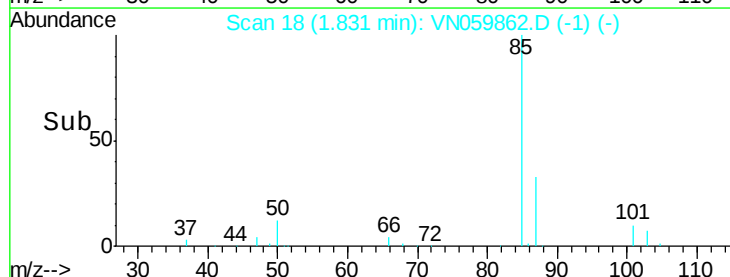
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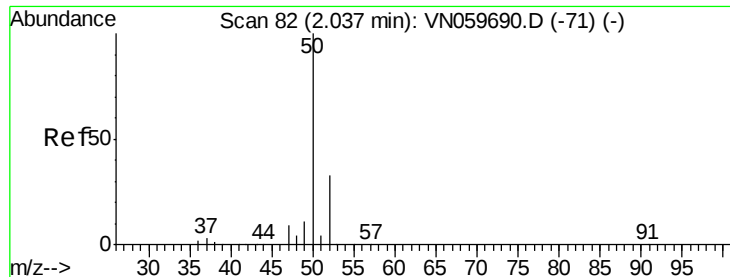
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1.75 1.80 1.85 1.90 1.95

Time-->





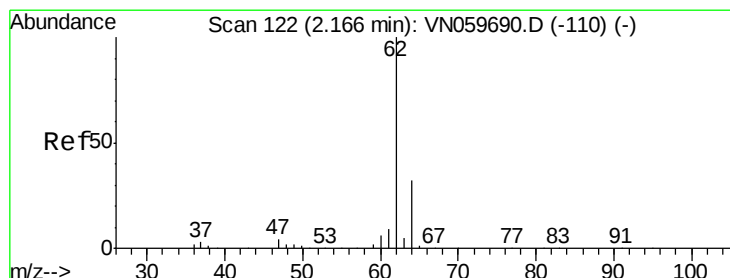
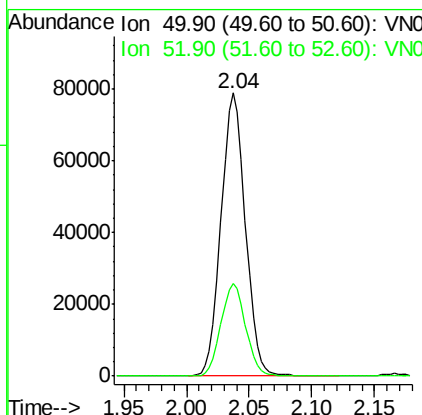
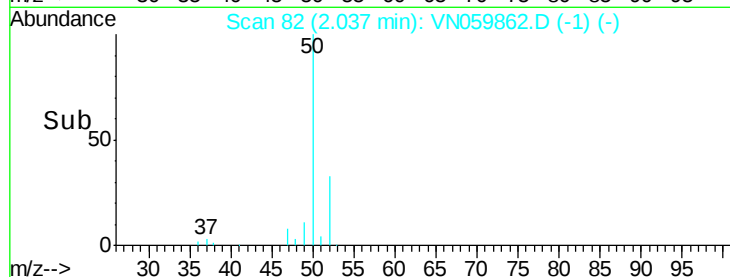
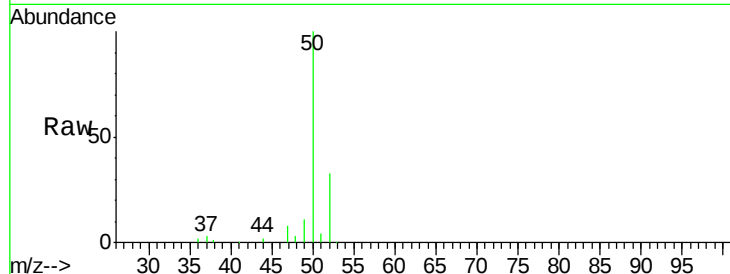
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Chloromethane  
Concen: 45.925 ug/l  
RT: 2.04 min Scan# 82  
Delta R.T. 0.00 min  
Lab File: VN059862.D  
Acq: 27 Jan 2020 9:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 50      | 100   |       |       |
| 52      | 32.7  | 25.9  | 38.9  |

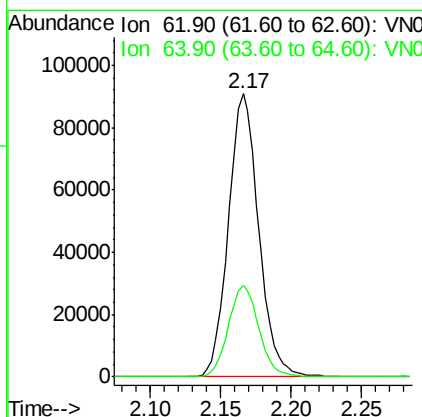
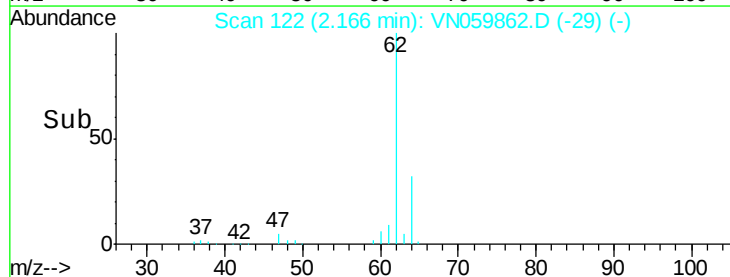
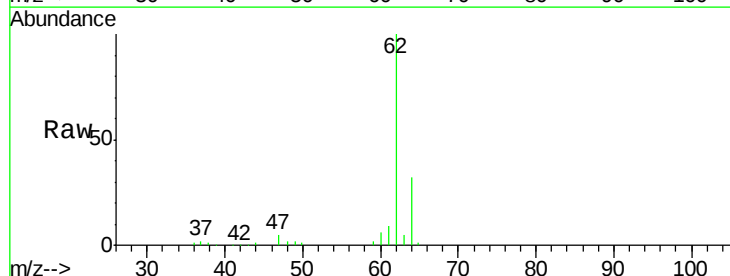
Manual Integrations  
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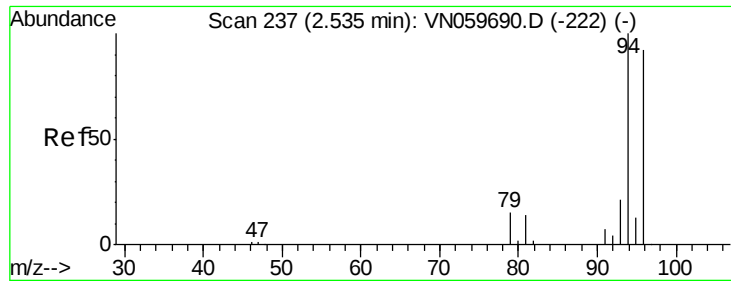
MMDadoda  
1/28/2020 9:24:22 AM



#4  
Vinyl Chloride  
Concen: 51.567 ug/l  
RT: 2.17 min Scan# 122  
Delta R.T. 0.00 min  
Lab File: VN059862.D  
Acq: 27 Jan 2020 9:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 64      | 32.3  | 24.6  | 37.0  |





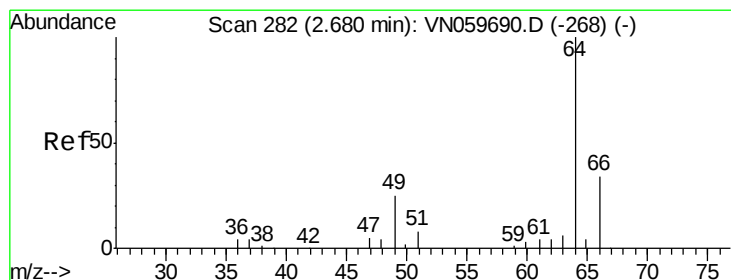
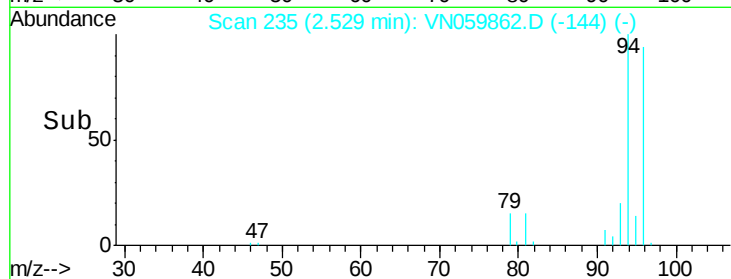
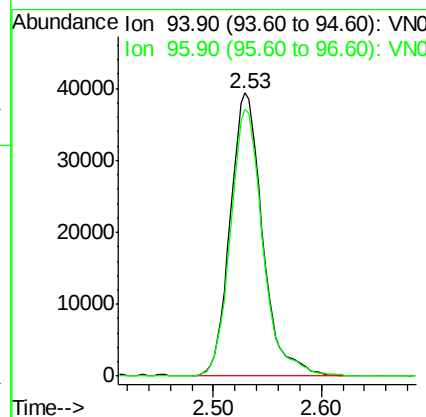
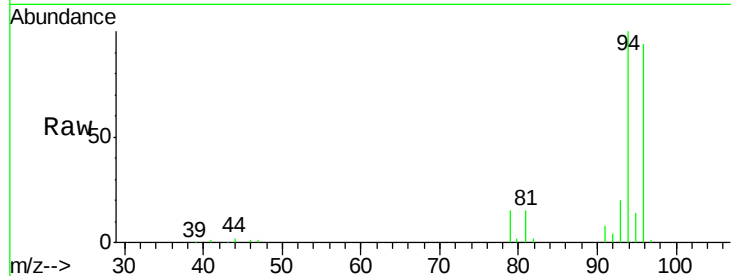
#5  
Bromomethane  
Concen: 51.109 ug/l  
RT: 2.53 min Scan# 235  
Delta R.T. -0.01 min  
Lab File: VN059862.D  
Acq: 27 Jan 2020 9:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion: 94 Resp: 82449  
Ion Ratio Lower Upper  
94 100  
96 94.2 74.7 112.1

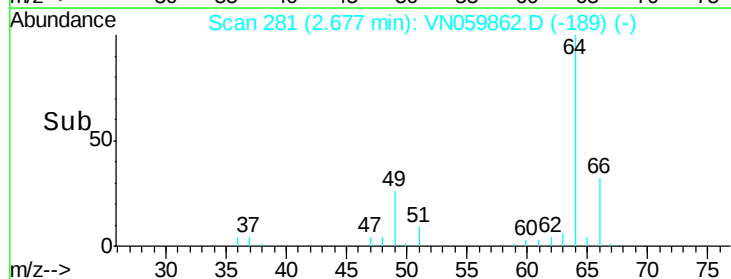
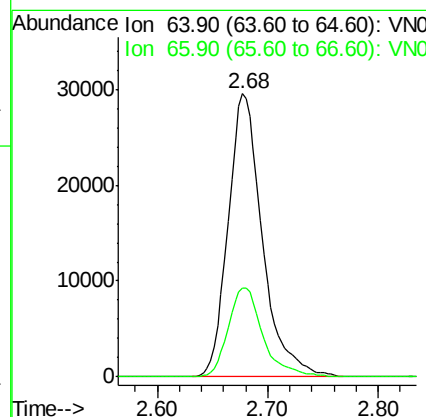
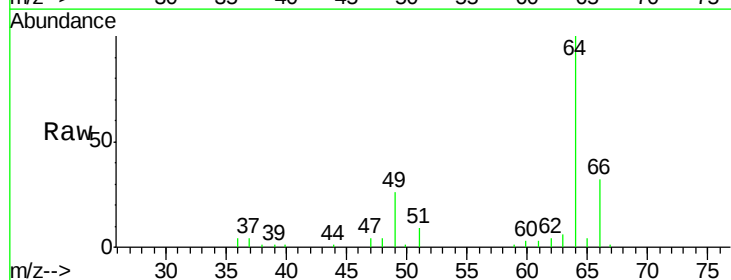
Manual Integrations  
APPROVED

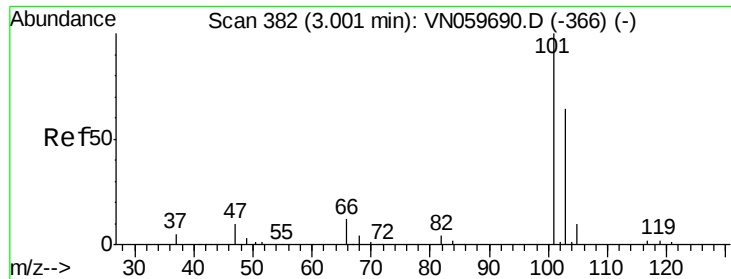
MMDadoda  
1/28/2020 9:24:22 AM



#6  
Chloroethane  
Concen: 50.846 ug/l  
RT: 2.68 min Scan# 281  
Delta R.T. -0.00 min  
Lab File: VN059862.D  
Acq: 27 Jan 2020 9:48

Tgt Ion: 64 Resp: 63589  
Ion Ratio Lower Upper  
64 100  
66 31.6 25.1 37.7





#7

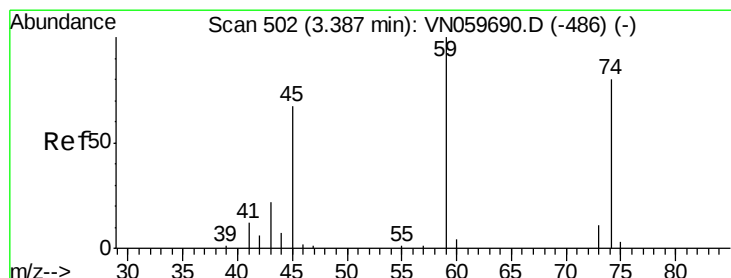
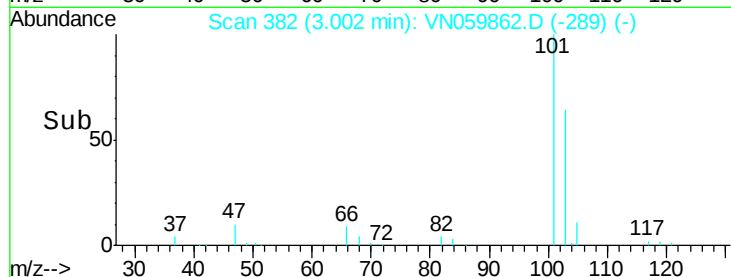
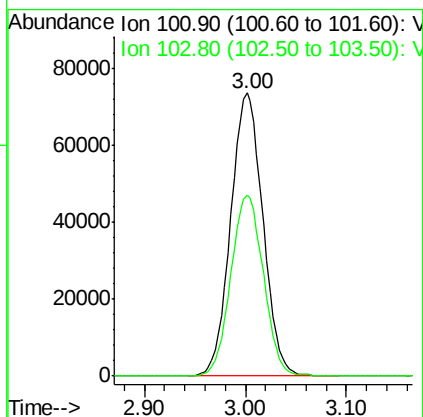
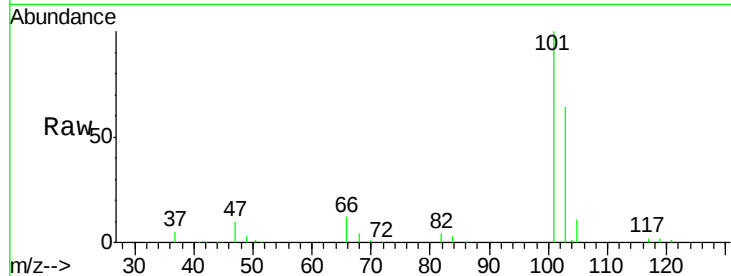
Trichlorofluoromethane  
 Concen: 51.367 ug/l  
 RT: 3.00 min Scan# 382  
 Delta R.T. 0.00 min  
 Lab File: VN059862.D  
 Acq: 27 Jan 2020 9:48

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tot Ion:101 Resp: 163069  
 Ion Ratio Lower Upper  
 101 100  
 103 64.2 51.0 76.6

Manual Integrations  
 APPROVED

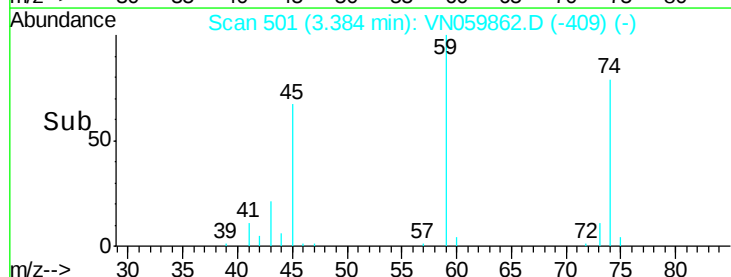
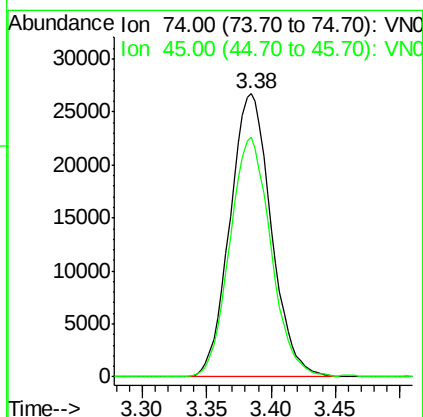
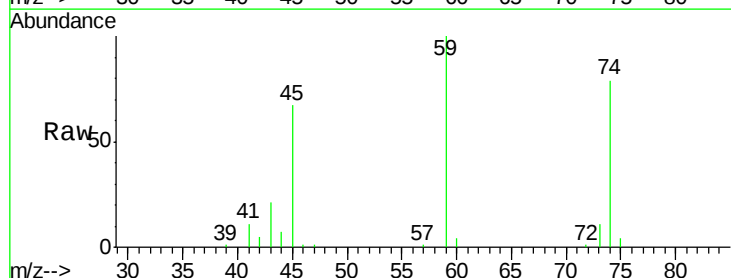
MMDadoda  
 1/28/2020 9:24:22 AM

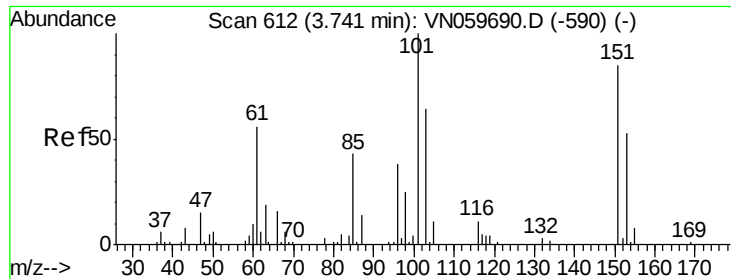


#8

Diethyl Ether  
 Concen: 53.297 ug/l  
 RT: 3.38 min Scan# 501  
 Delta R.T. -0.00 min  
 Lab File: VN059862.D  
 Acq: 27 Jan 2020 9:48

Tgt Ion: 74 Resp: 59378  
 Ion Ratio Lower Upper  
 74 100  
 45 84.2 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.207 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN059862.D

Acq: 27 Jan 2020 9:48

Instrument :

MSVOA\_N

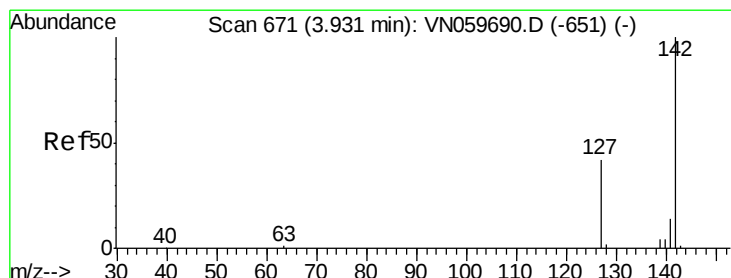
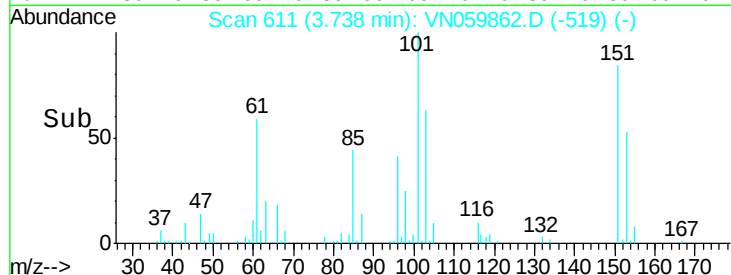
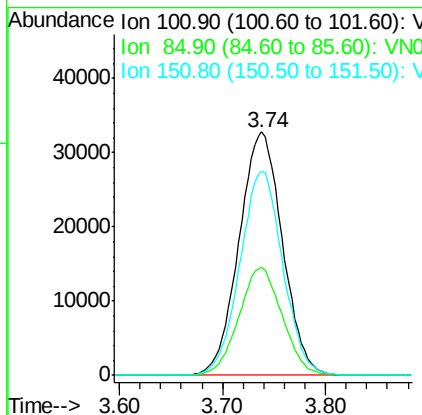
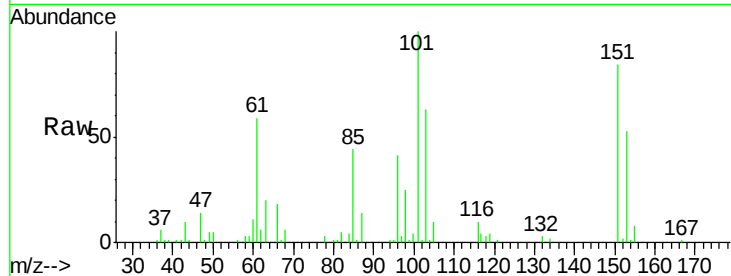
ClientSampleId :

VSTDCCC050

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 95777 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 44.2  | 36.6  | 54.8  |
| 151       | 83.0  | 59.7  | 89.5  |

Manual Integrations  
APPROVED

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1/28/2020 9:24:22 AM



#10

Methyl Iodide

Concen: 50.055 ug/l

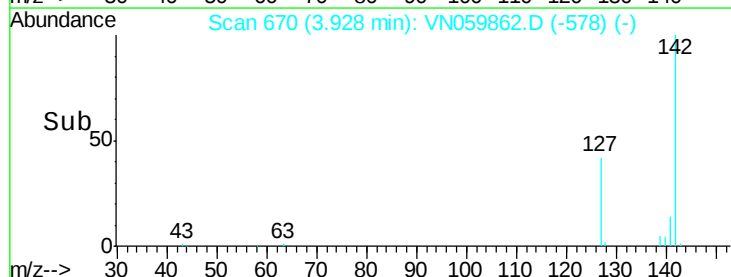
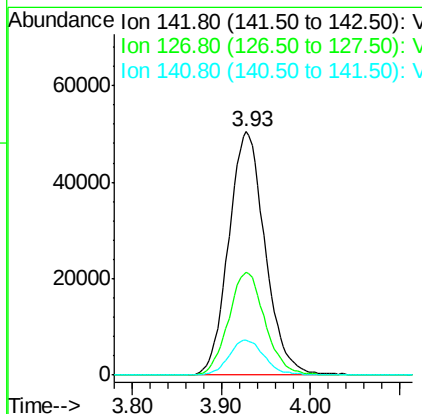
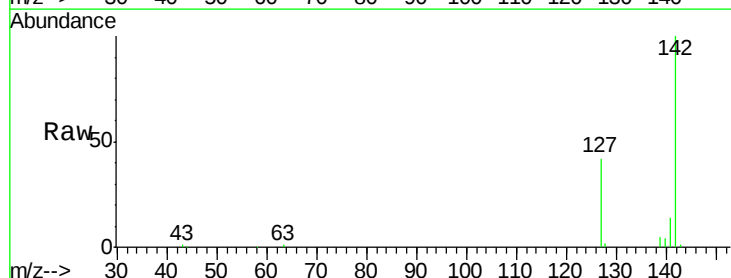
RT: 3.93 min Scan# 670

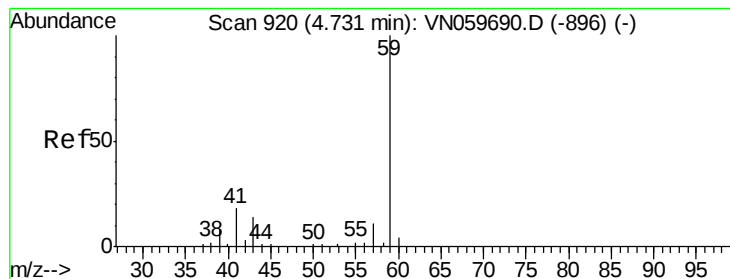
Delta R.T. -0.00 min

Lab File: VN059862.D

Acq: 27 Jan 2020 9:48

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 142955 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 42.2  | 36.7  | 55.1   |
| 141       | 14.1  | 11.7  | 17.5   |





#11

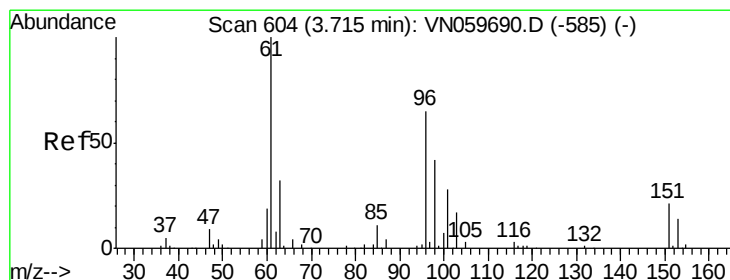
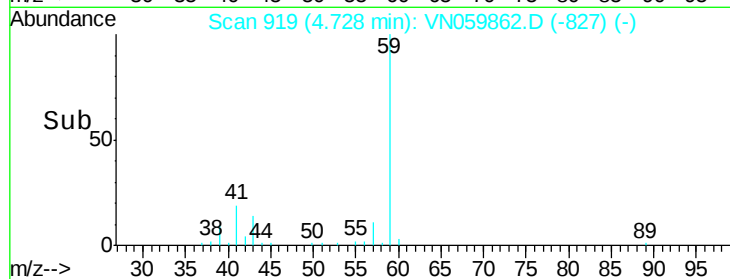
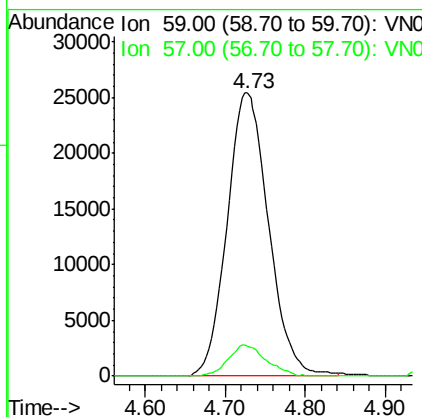
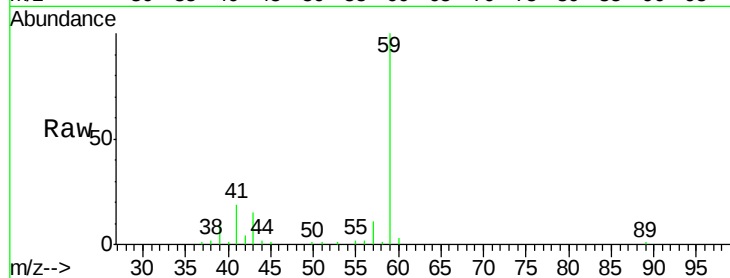
Tert butyl alcohol  
 Concen: 237.232 ug/l  
 RT: 4.73 min Scan# 919  
 Delta R.T. -0.00 min  
 Lab File: VN059862.D  
 Acq: 27 Jan 2020 9:48

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.0  | 8.6   | 12.8  |

Manual Integrations  
 APPROVED

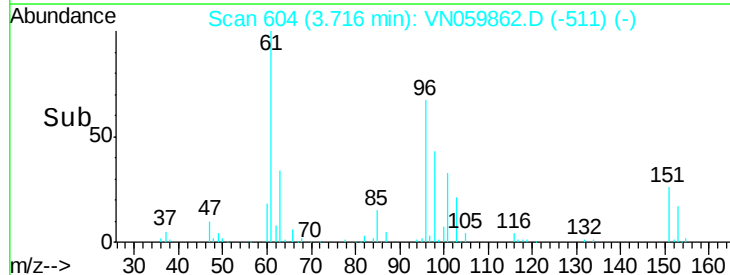
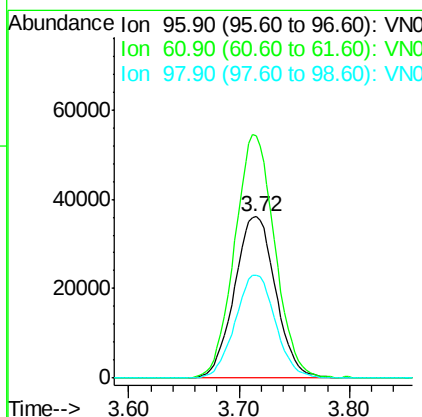
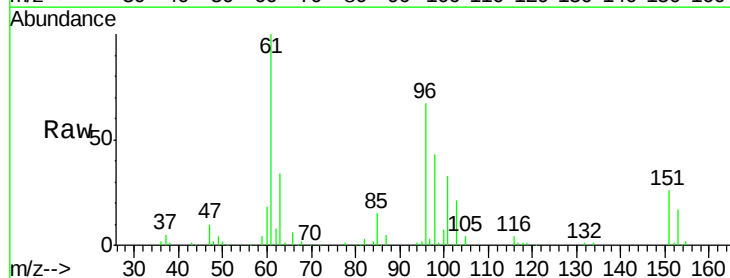
MMDadoda  
 1/28/2020 9:24:22 AM

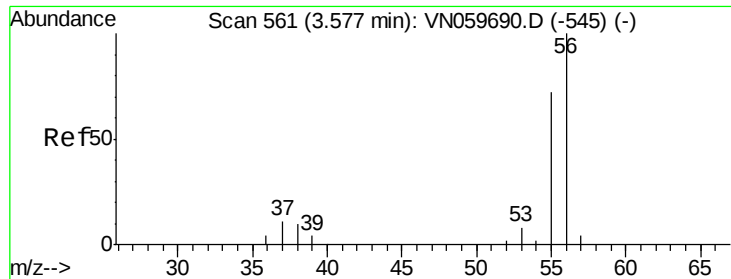


#12

1,1-Dichloroethene  
 Concen: 50.771 ug/l  
 RT: 3.72 min Scan# 604  
 Delta R.T. 0.00 min  
 Lab File: VN059862.D  
 Acq: 27 Jan 2020 9:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 150.3 | 137.5 | 206.3 |
| 98      | 64.2  | 50.2  | 75.4  |





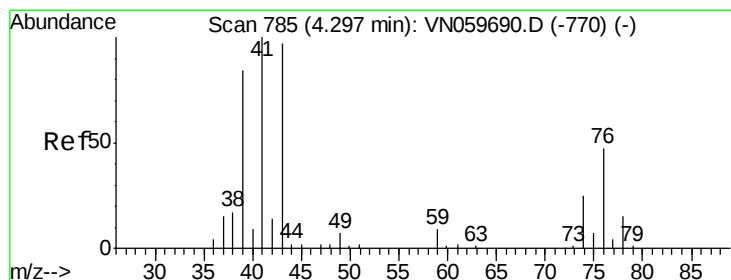
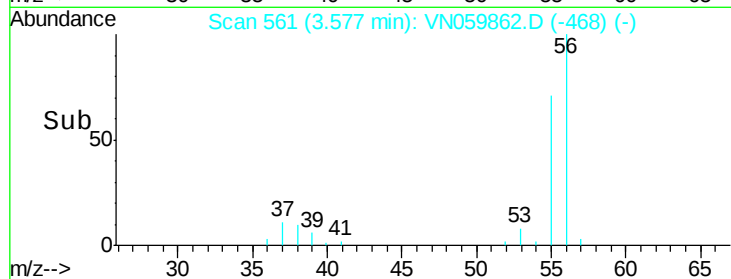
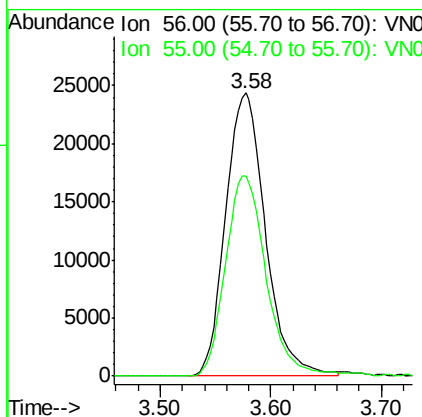
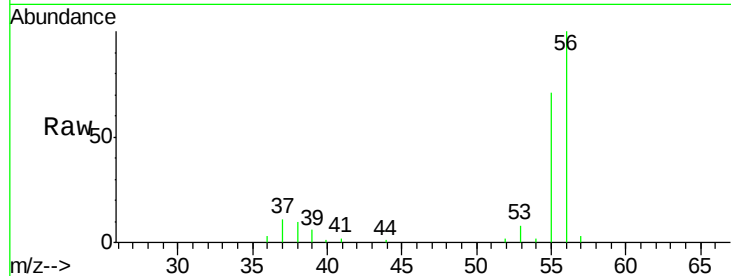
#13  
Acrolein  
Concen: 227.974 ug/l  
RT: 3.58 min Scan# 561  
Delta R.T. 0.00 min  
Lab File: VN059862.D  
Acq: 27 Jan 2020 9:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion   | 56    | Resp  | 60882 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 56        | 100   |       |       |
| 55        | 72.1  | 58.6  | 88.0  |

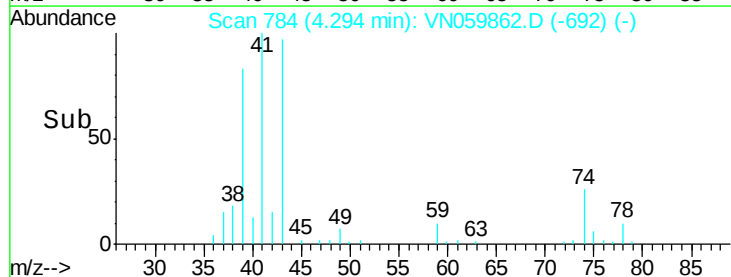
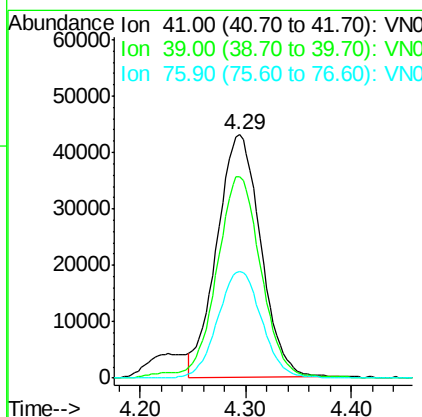
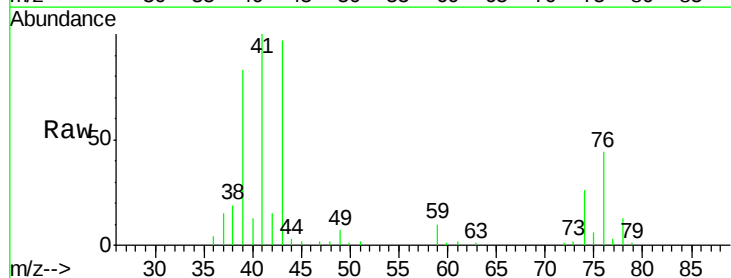
Manual Integrations  
APPROVED

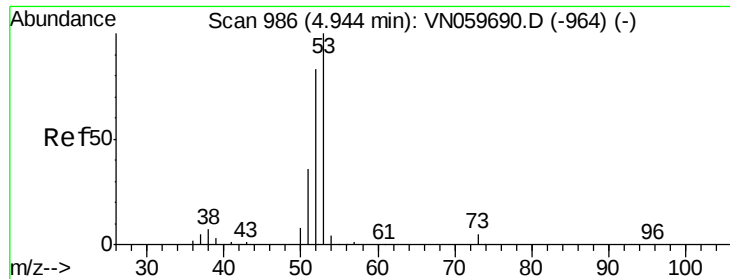
MMDadoda  
1/28/2020 9:24:22 AM



#14  
Allyl chloride  
Concen: 49.886 ug/l  
RT: 4.29 min Scan# 784  
Delta R.T. -0.00 min  
Lab File: VN059862.D  
Acq: 27 Jan 2020 9:48

| Tgt Ion   | 41    | Resp  | 124142 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 39        | 84.5  | 57.8  | 86.8   |
| 76        | 44.0  | 25.4  | 38.0   |





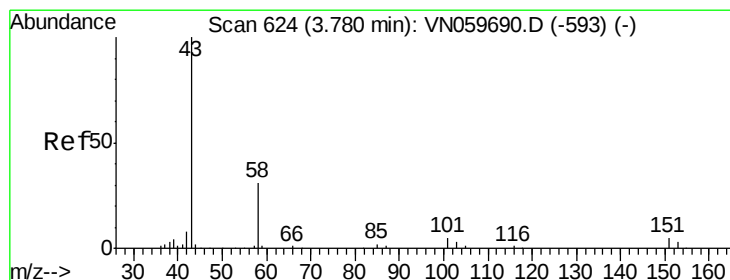
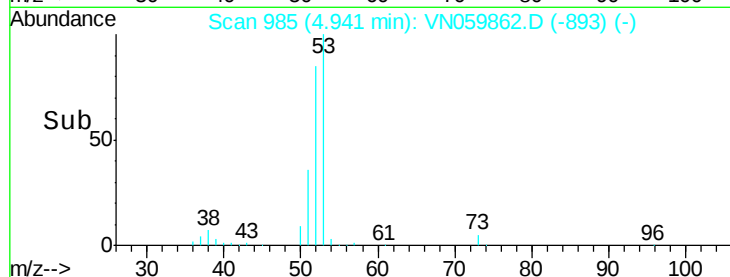
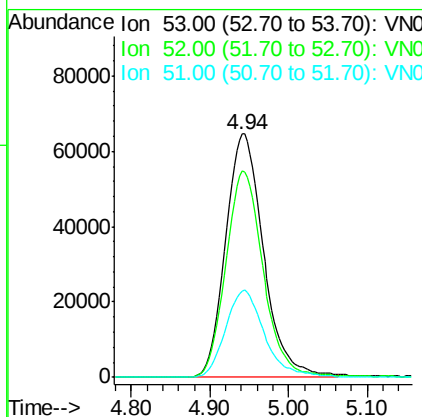
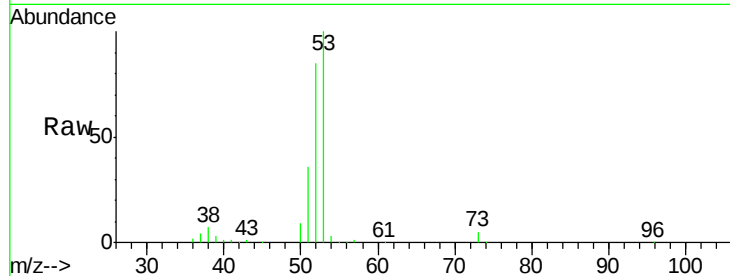
#15  
 Acrylonitrile  
 Concen: 252.056 ug/l  
 RT: 4.94 min Scan# 985  
 Delta R.T. -0.00 min  
 Lab File: VN059862.D  
 Acq: 27 Jan 2020 9:48

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 53      | 100   |       |       |
| 52      | 82.9  | 66.3  | 99.5  |
| 51      | 36.7  | 29.7  | 44.5  |

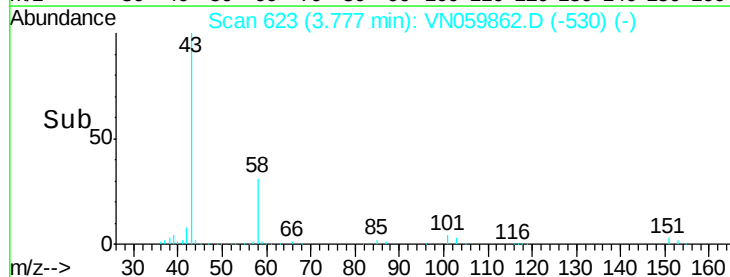
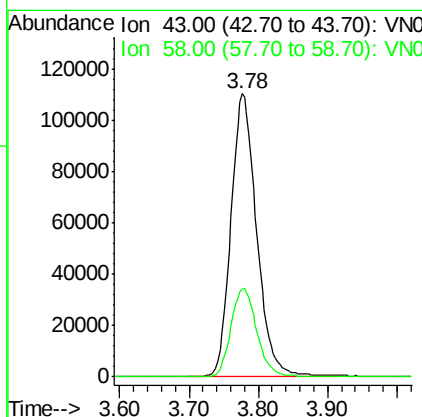
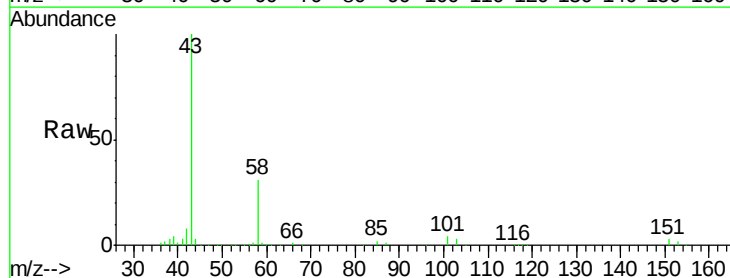
Manual Integrations  
 APPROVED

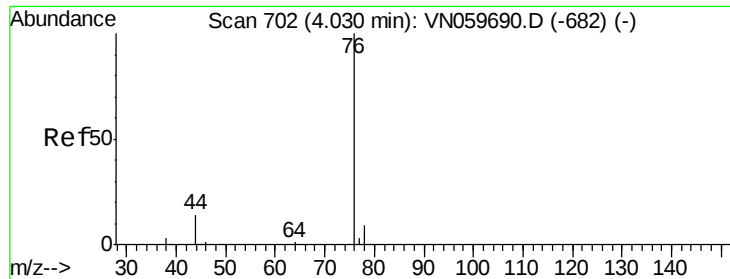
MMDadoda  
 1/28/2020 9:24:22 AM



#16  
 Acetone  
 Concen: 380.989 ug/l  
 RT: 3.78 min Scan# 623  
 Delta R.T. -0.00 min  
 Lab File: VN059862.D  
 Acq: 27 Jan 2020 9:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 31.1  | 23.6  | 35.4  |





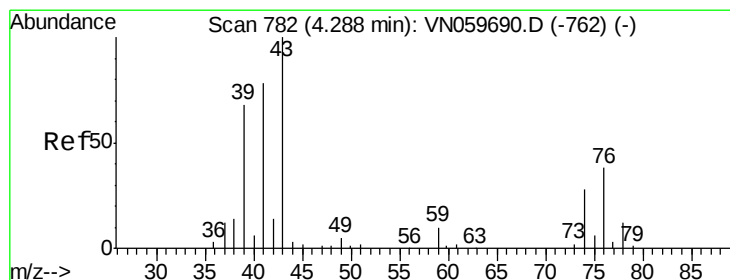
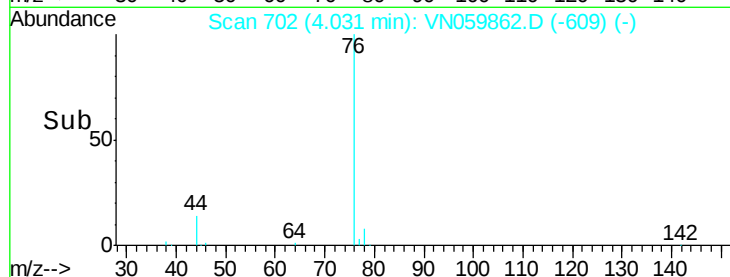
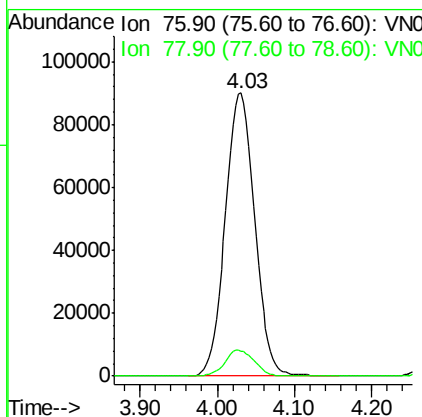
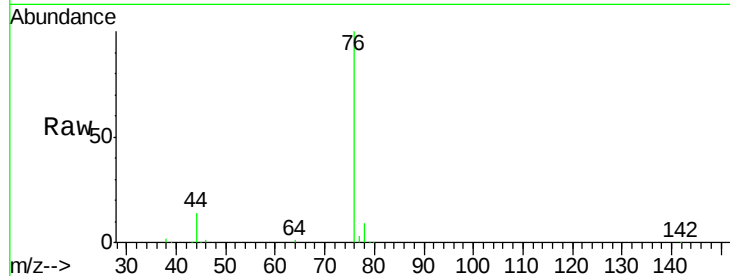
#17  
Carbon Disulfide  
Concen: 45.254 ug/l  
RT: 4.03 min Scan# 702  
Delta R.T. 0.00 min  
Lab File: VN059862.D  
Acq: 27 Jan 2020 9:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 8.9   | 7.4   | 11.0  |

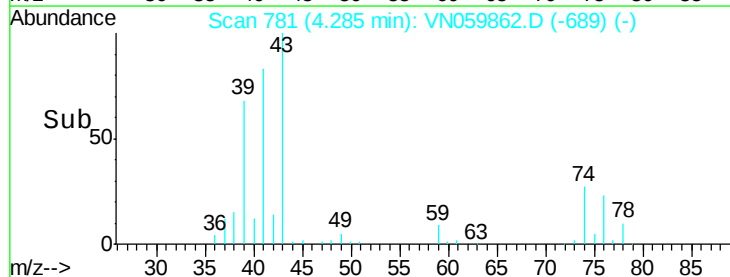
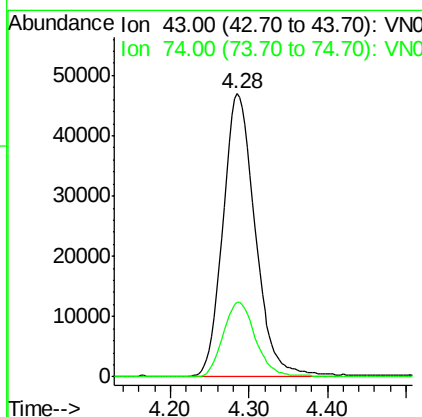
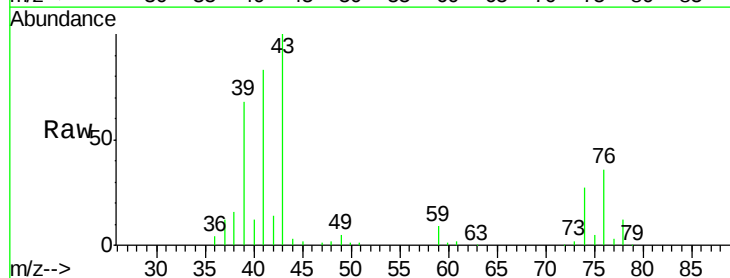
Manual Integrations  
APPROVED

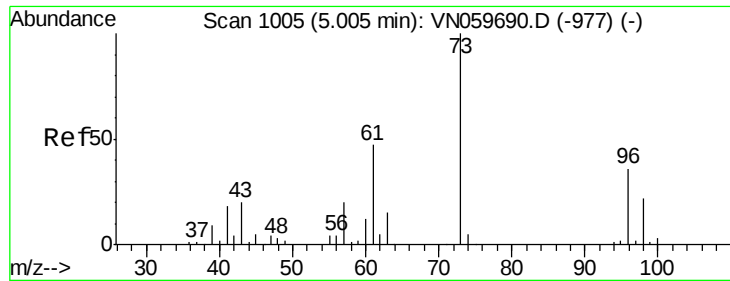
MMDadoda  
1/28/2020 9:24:22 AM



#18  
Methyl Acetate  
Concen: 51.080 ug/l  
RT: 4.28 min Scan# 781  
Delta R.T. -0.00 min  
Lab File: VN059862.D  
Acq: 27 Jan 2020 9:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 26.6  | 17.5  | 26.3# |





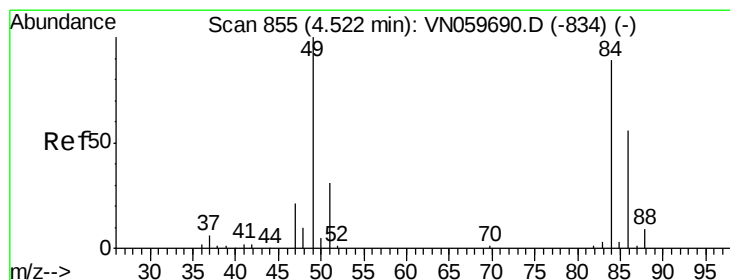
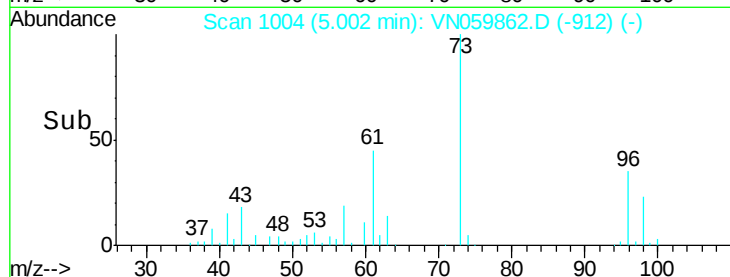
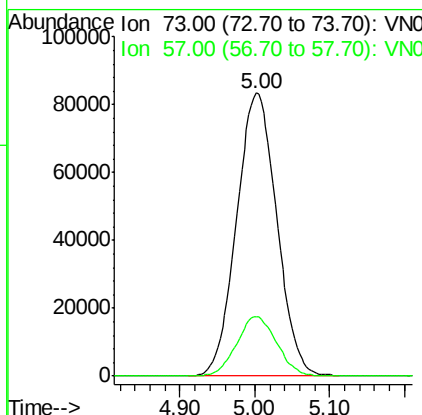
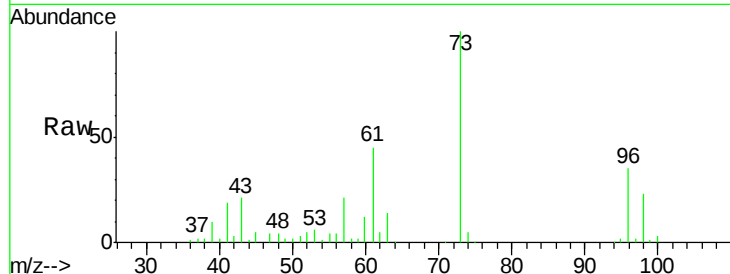
#19  
Methvl tert-butvl Ether  
Concen: 51.826 ug/l  
RT: 5.00 min Scan# 1004  
Delta R.T. -0.00 min  
Lab File: VN059862.D  
Acq: 27 Jan 2020 9:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion: 73 Resp: 311968  
Ion Ratio Lower Upper  
73 100  
57 20.9 18.6 27.8

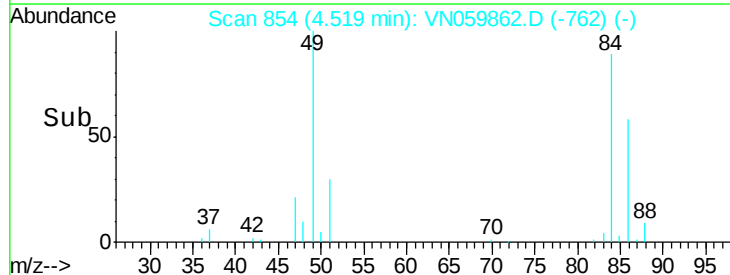
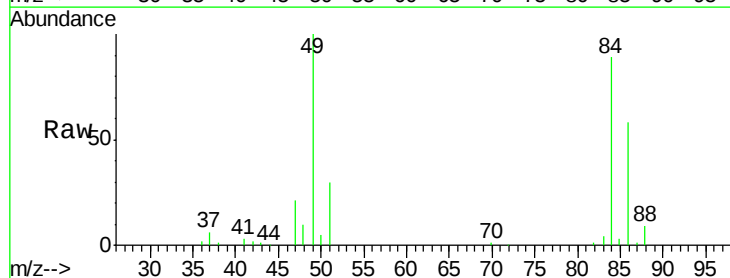
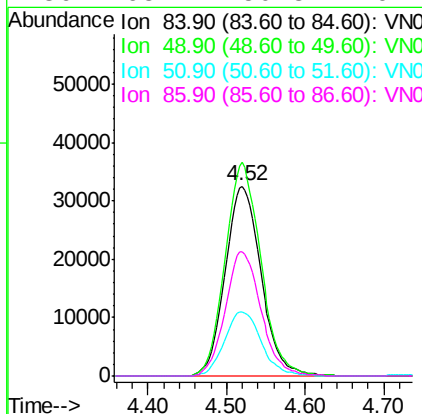
Manual Integrations  
APPROVED

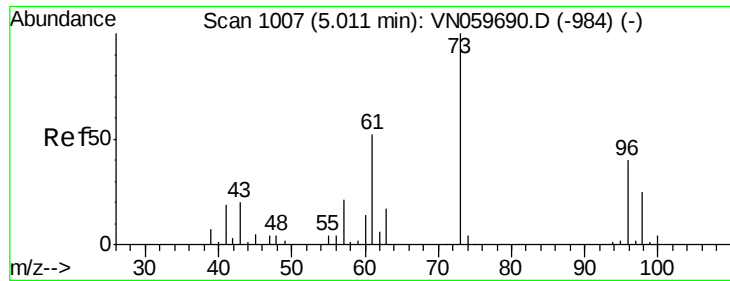
MMDadoda  
1/28/2020 9:24:22 AM



#20  
Methylene Chloride  
Concen: 50.902 ug/l  
RT: 4.52 min Scan# 854  
Delta R.T. -0.00 min  
Lab File: VN059862.D  
Acq: 27 Jan 2020 9:48

Tgt Ion: 84 Resp: 103157  
Ion Ratio Lower Upper  
84 100  
49 112.5 106.6 160.0  
51 33.6 31.9 47.9  
86 65.4 50.8 76.2





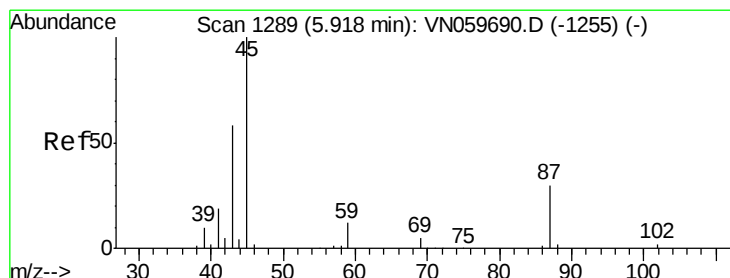
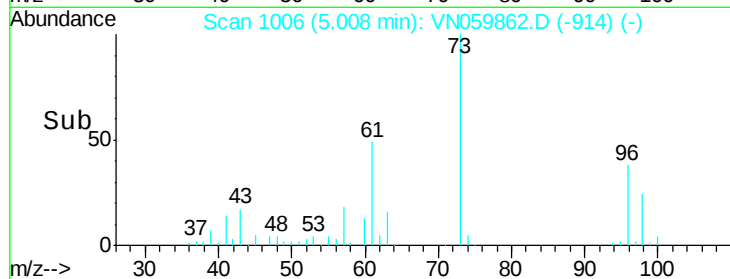
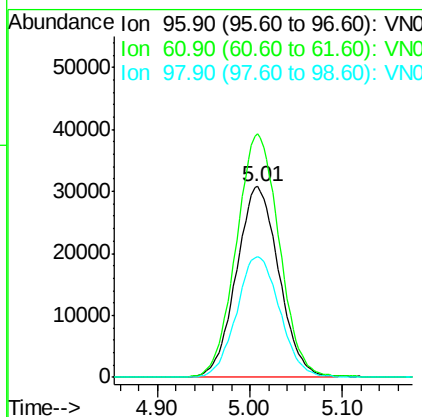
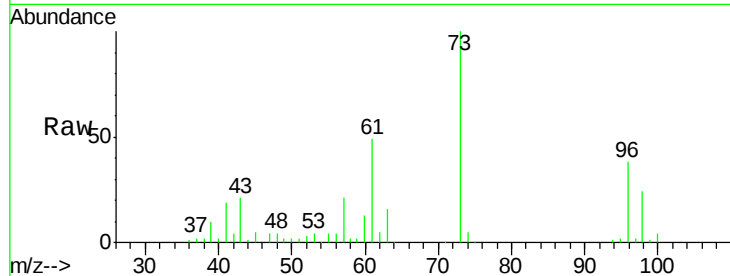
#21  
trans-1,2-Dichloroethene  
Concen: 49.962 ug/l  
RT: 5.01 min Scan# 1006  
Delta R.T. -0.00 min  
Lab File: VN059862.D  
Acq: 27 Jan 2020 9:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 127.5 | 120.4 | 180.6 |
| 98      | 63.0  | 50.6  | 75.8  |

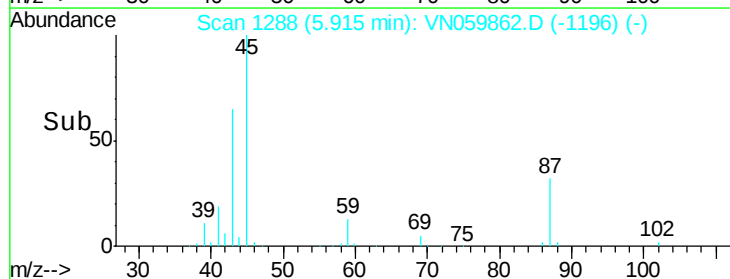
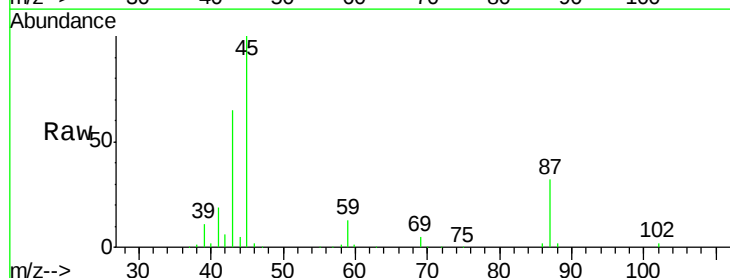
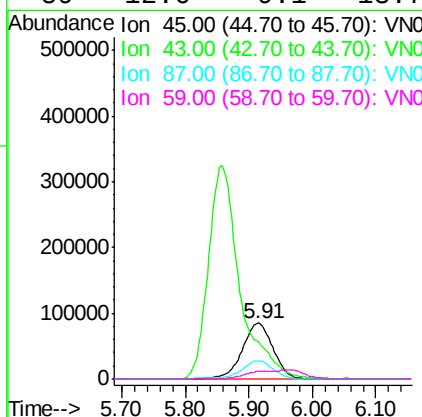
Manual Integrations  
APPROVED

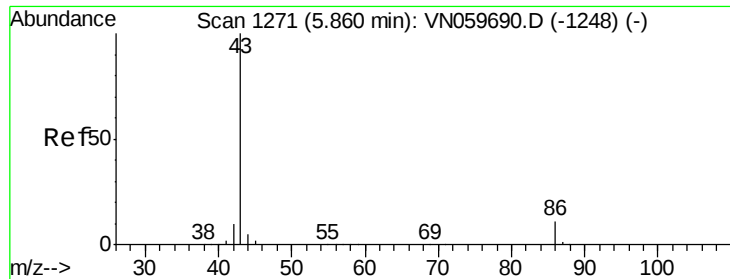
MMDadoda  
1/28/2020 9:24:22 AM



#22  
Diisopropyl ether  
Concen: 51.017 ug/l  
RT: 5.91 min Scan# 1288  
Delta R.T. -0.00 min  
Lab File: VN059862.D  
Acq: 27 Jan 2020 9:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 64.3  | 50.8  | 76.2  |
| 87      | 32.5  | 21.0  | 31.6# |
| 59      | 12.6  | 9.1   | 13.7  |





#23

Vinyl Acetate

Concen: 256.122 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN059862.D

Acq: 27 Jan 2020 9:48

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1118301

Ion Ratio Lower Upper

43 100

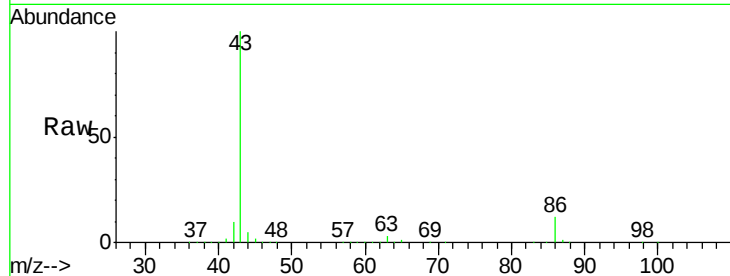
86 11.6 7.6 11.4#

Manual Integrations

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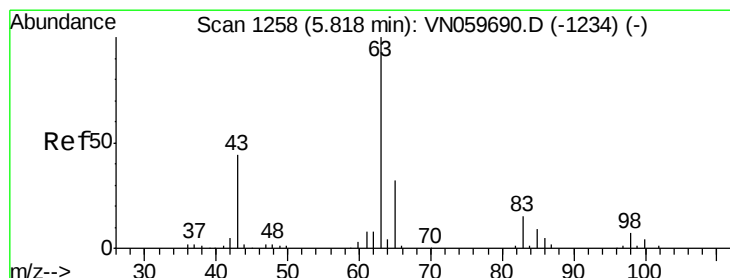
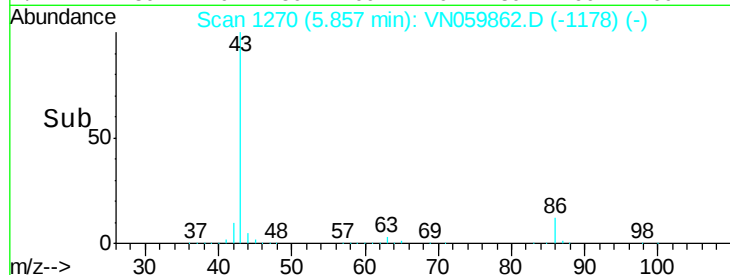
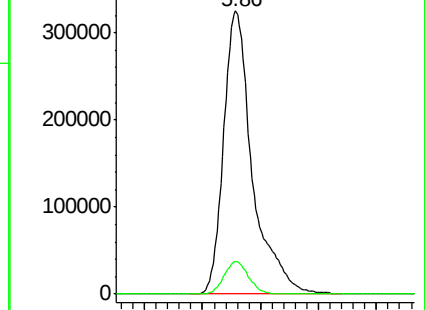
MMDadoda

1/28/2020 9:24:22 AM



Abundance Ion 43.00 (42.70 to 43.70): VN059862.D (-1178) (-)

Ion 86.00 (85.70 to 86.70): VN059862.D (-1178) (-)



#24

1,1-Dichloroethane

Concen: 50.929 ug/l

RT: 5.82 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN059862.D

Acq: 27 Jan 2020 9:48

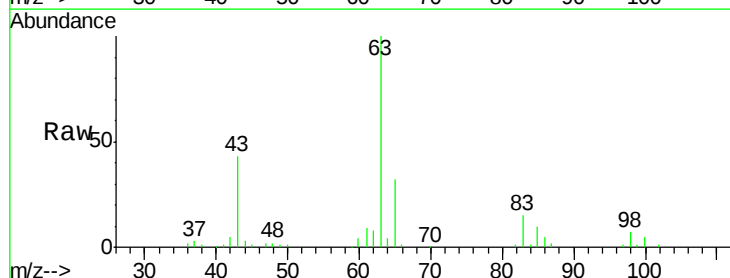
Tgt Ion: 63 Resp: 175492

Ion Ratio Lower Upper

63 100

98 7.0 2.9 8.7

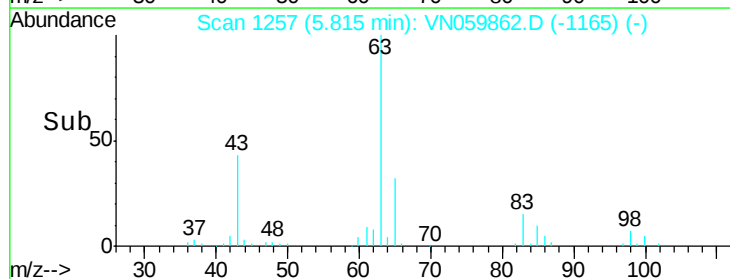
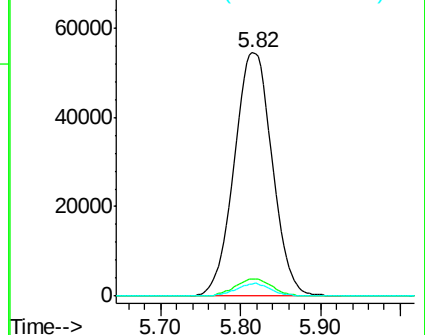
100 5.1 2.0 6.0

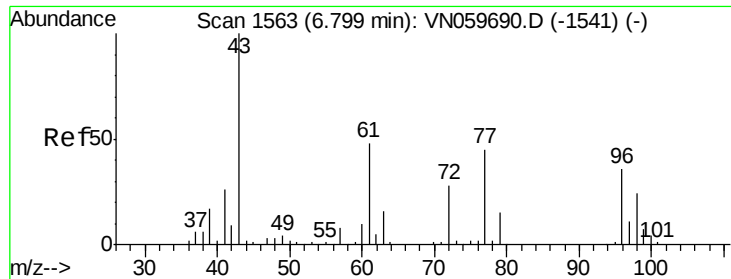


Abundance Ion 62.90 (62.60 to 63.60): VN059862.D (-1165) (-)

Ion 97.90 (97.60 to 98.60): VN059862.D (-1165) (-)

Ion 99.90 (99.60 to 100.60): VN059862.D (-1165) (-)





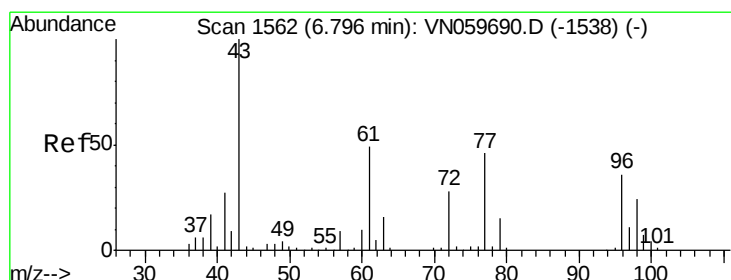
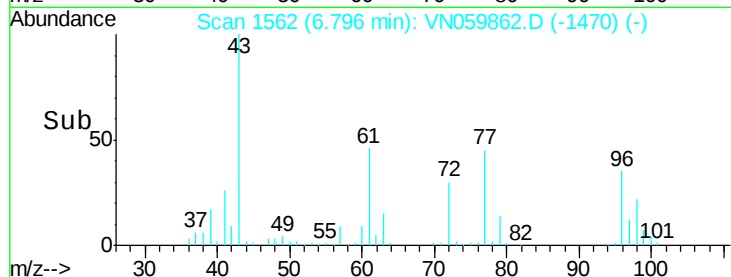
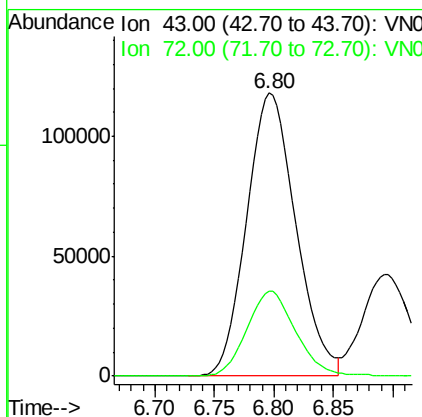
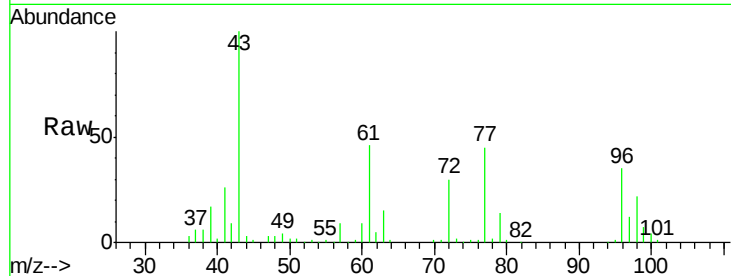
#25  
2-Butanone  
Concen: 266.498 ug/l  
RT: 6.80 min Scan# 1562  
Delta R.T. -0.00 min  
Lab File: VN059862.D  
Acq: 27 Jan 2020 9:48

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC050

Tot Ion: 43 Resp: 338206  
Ion Ratio Lower Upper  
43 100  
72 30.2 19.9 29.9#

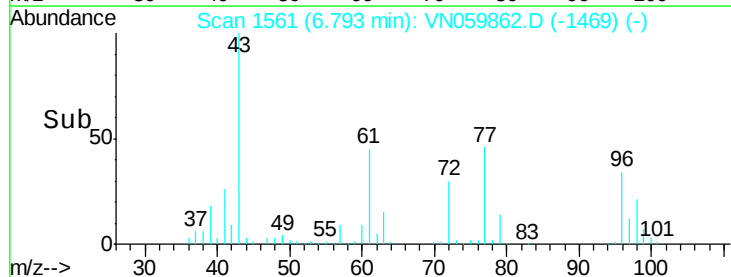
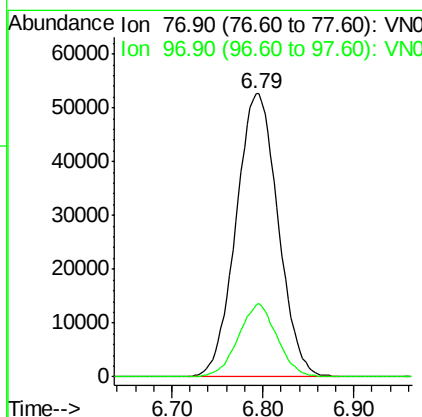
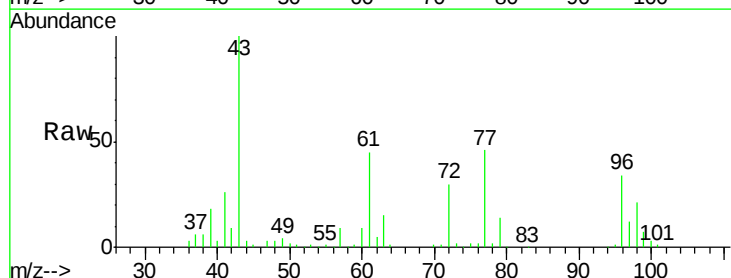
Manual Integrations  
APPROVED

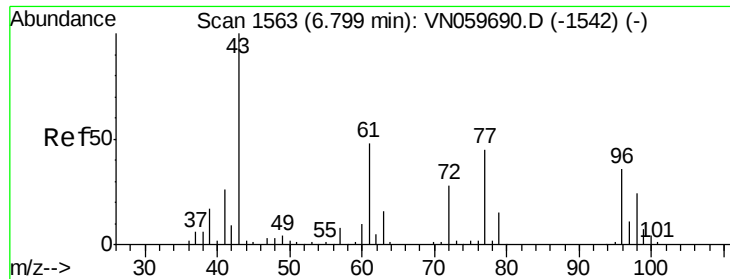
MMDadoda  
1/28/2020 9:24:22 AM



#26  
2,2-Dichloropropane  
Concen: 50.944 ug/l  
RT: 6.79 min Scan# 1561  
Delta R.T. -0.00 min  
Lab File: VN059862.D  
Acq: 27 Jan 2020 9:48

Tgt Ion: 77 Resp: 168765  
Ion Ratio Lower Upper  
77 100  
97 23.8 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 52.047 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN059862.D

Acq: 27 Jan 2020 9:48

Instrument :

MSVOA\_N

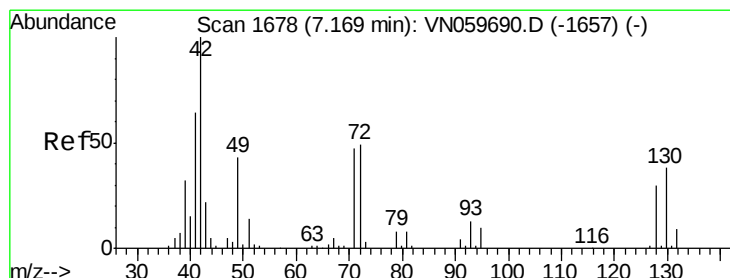
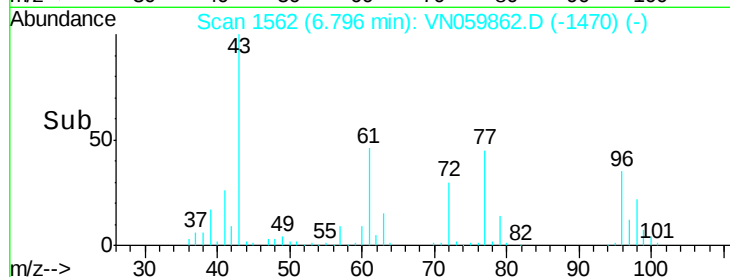
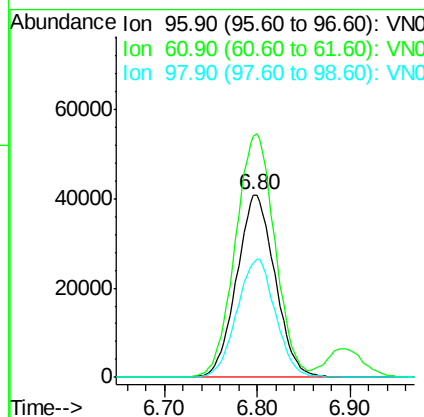
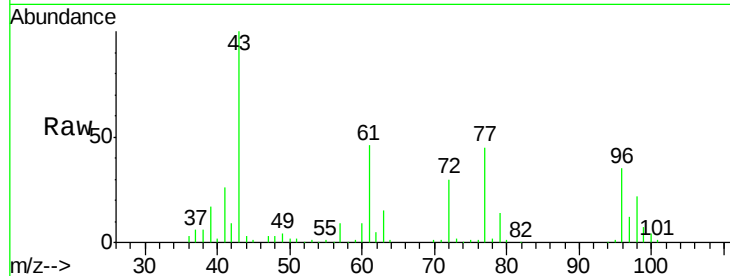
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 117484 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 137.5 | 0.0   | 317.6  |
| 98       | 64.9  | 0.0   | 127.0  |

Manual Integrations  
APPROVED

MMDadoda  
1/28/2020 9:24:22 AM



#28

Bromochloromethane

Concen: 49.179 ug/l

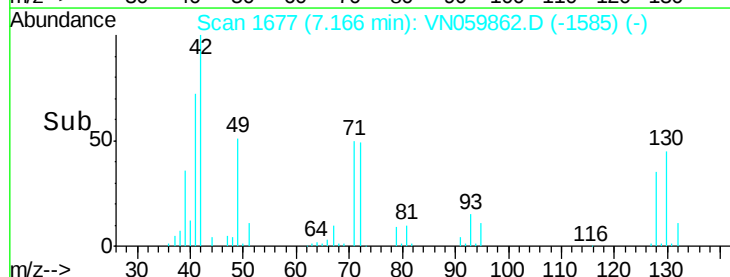
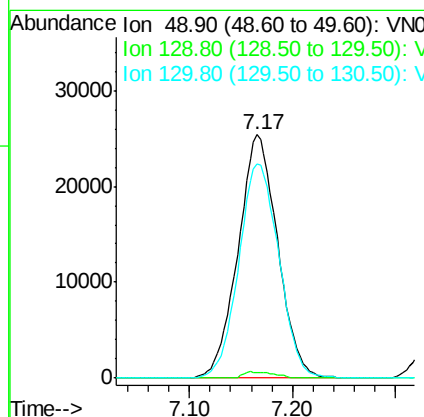
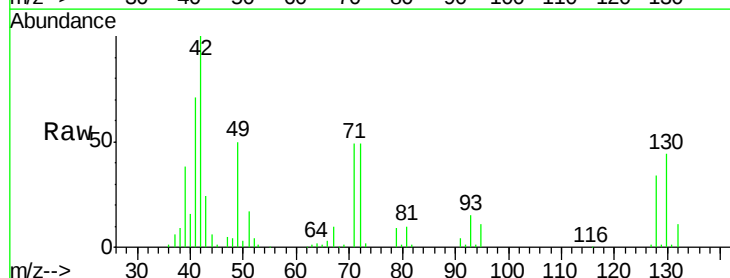
RT: 7.17 min Scan# 1677

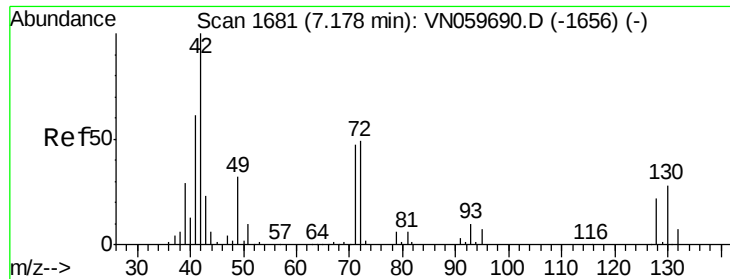
Delta R.T. -0.00 min

Lab File: VN059862.D

Acq: 27 Jan 2020 9:48

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 67731 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 2.0   | 0.0   | 3.4   |
| 130      | 89.3  | 54.7  | 82.1# |





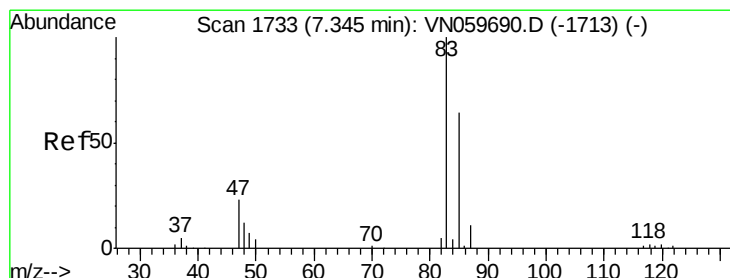
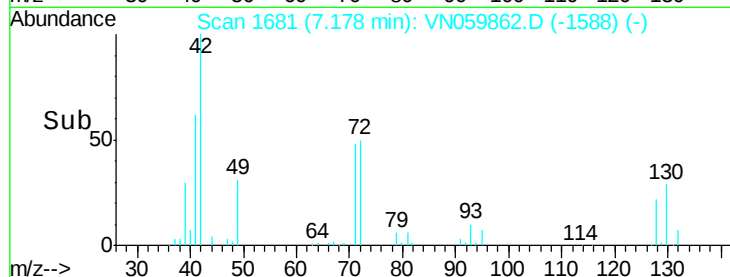
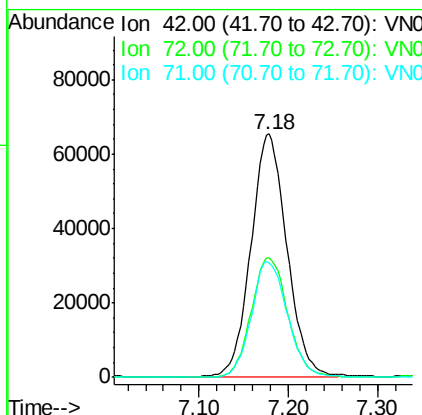
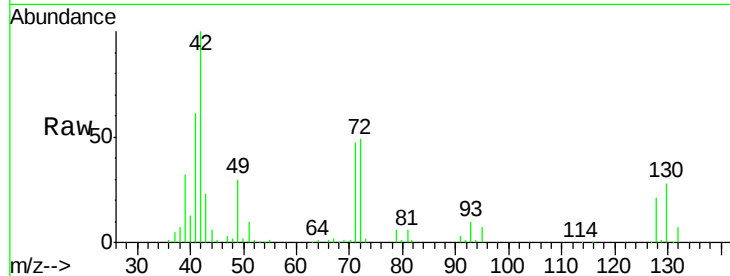
#29  
Tetrahydrofuran  
Concen: 234.321 ug/l  
RT: 7.18 min Scan# 1681  
Delta R.T. 0.00 min  
Lab File: VN059862.D  
Acq: 27 Jan 2020 9:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 49.8  | 33.1  | 49.7# |
| 71      | 47.6  | 31.4  | 47.0# |

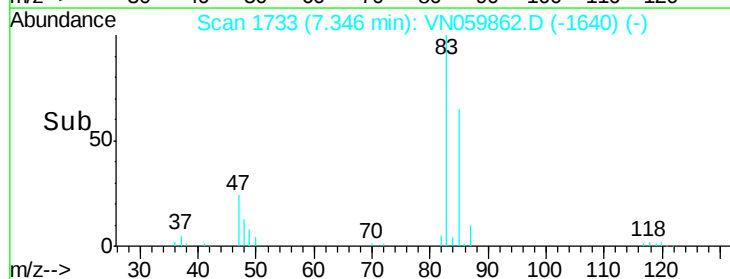
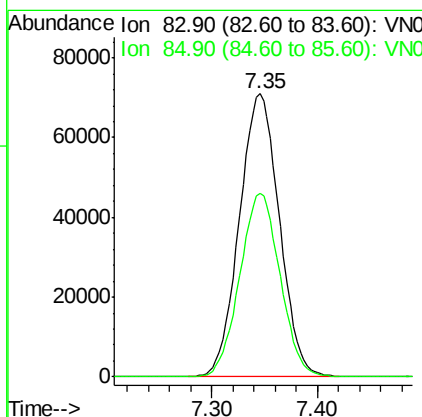
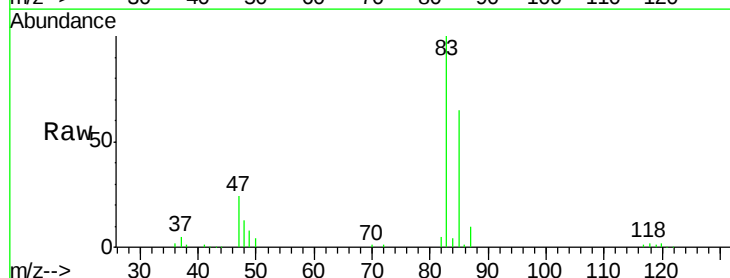
Manual Integrations  
APPROVED

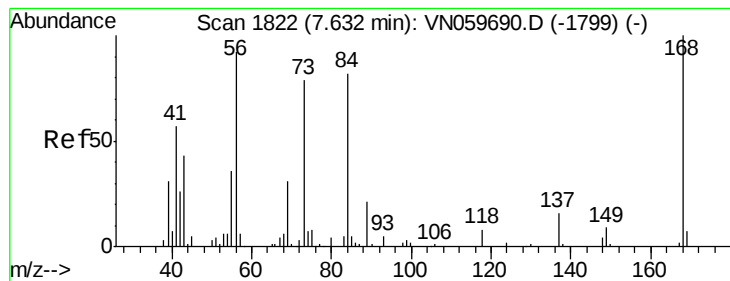
MMDadoda  
1/28/2020 9:24:22 AM



#30  
Chloroform  
Concen: 52.518 ug/l  
RT: 7.35 min Scan# 1733  
Delta R.T. 0.00 min  
Lab File: VN059862.D  
Acq: 27 Jan 2020 9:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.9  | 52.4  | 78.6  |





#31

Cyclohexane

Concen: 45.019 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VN059862.D

Acq: 27 Jan 2020 9:48

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 149271

Ion Ratio Lower Upper

56 100

69 34.6 26.5 39.7

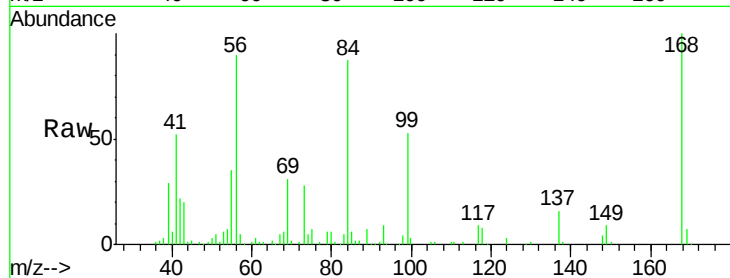
84 95.5 65.3 97.9

Manual Integrations

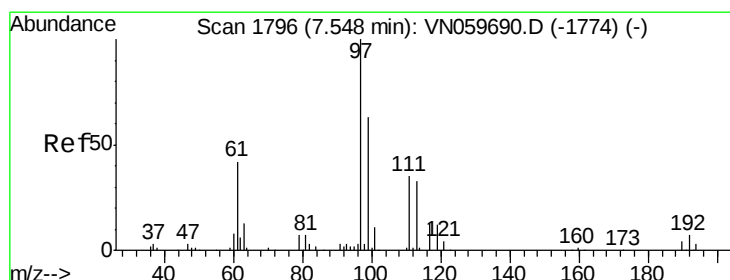
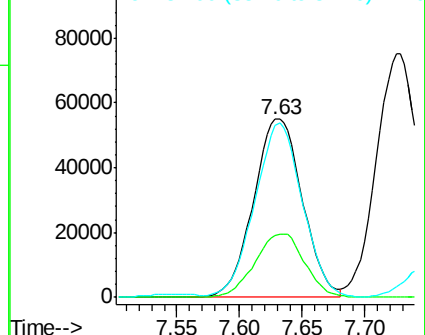
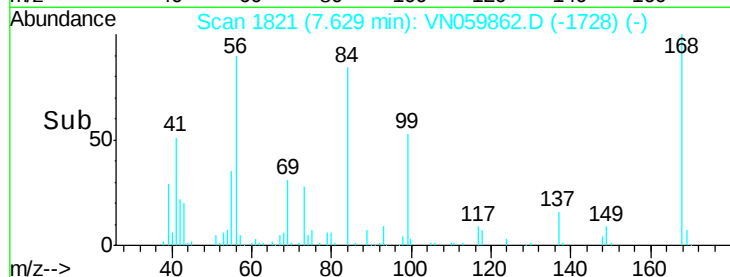
APPROVED

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1/28/2020 9:24:22 AM



Abundance Ion 56.00 (55.70 to 56.70): VN059862.D (-1728) (-)



#32

1,1,1-Trichloroethane

Concen: 52.017 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN059862.D

Acq: 27 Jan 2020 9:48

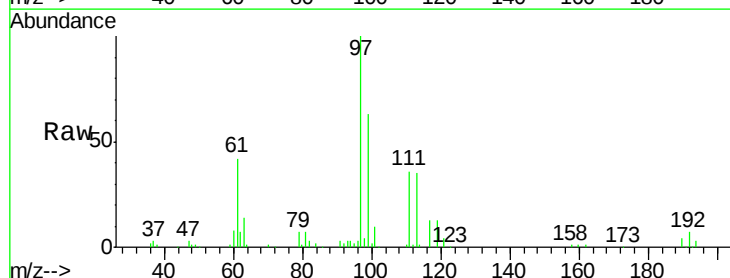
Tgt Ion: 97 Resp: 171715

Ion Ratio Lower Upper

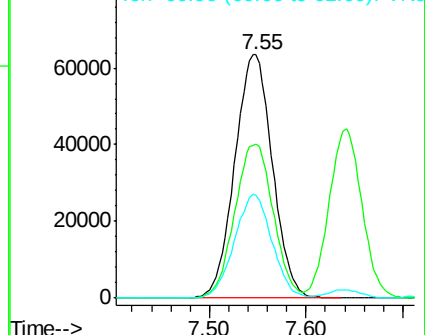
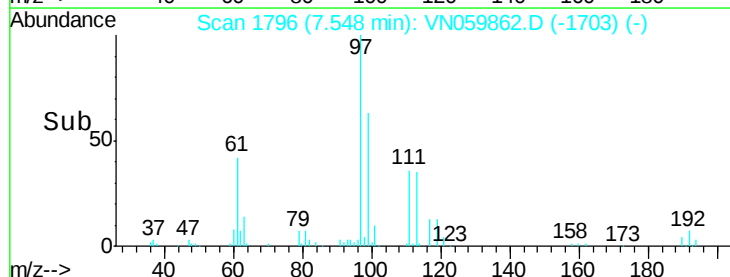
97 100

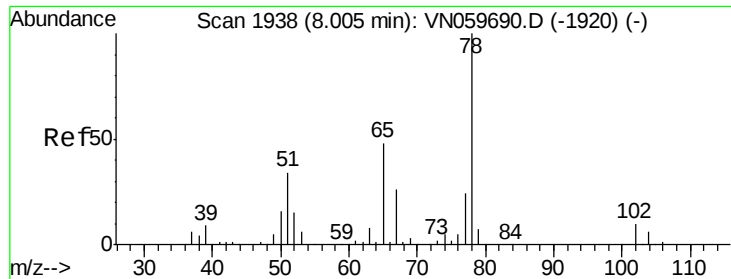
99 64.7 51.0 76.4

61 42.4 38.5 57.7



Abundance Ion 96.90 (96.60 to 97.60): VN059862.D (-1703) (-)





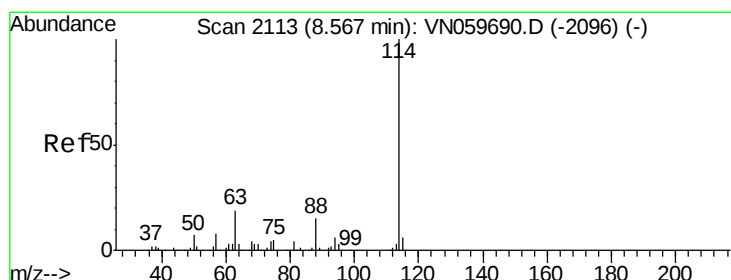
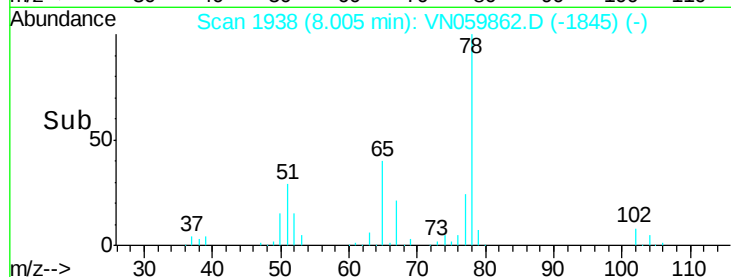
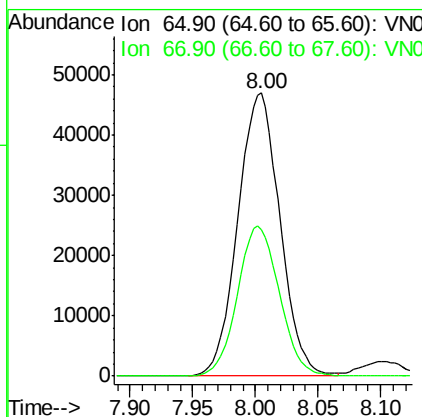
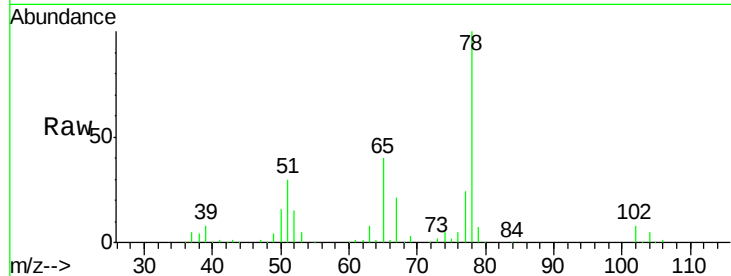
#33  
 1,2-Dichloroethane-d4  
 Concen: 48.914 ug/l  
 RT: 8.00 min Scan# 1938  
 Delta R.T. 0.00 min  
 Lab File: VN059862.D  
 Acq: 27 Jan 2020 9:48

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 109617 |       |       |
| 67      | 52.6  | 0.0    | 103.0 |       |

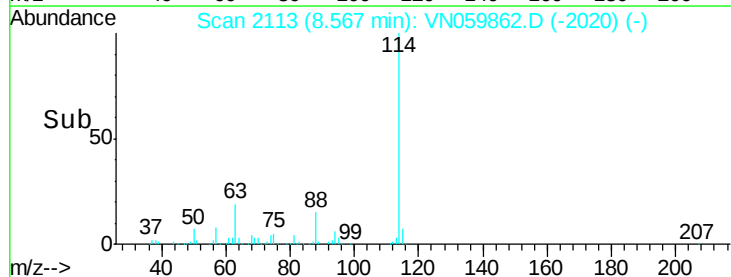
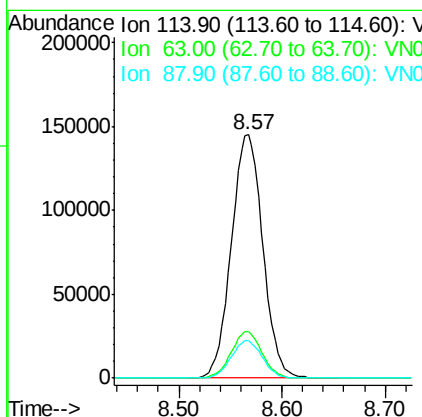
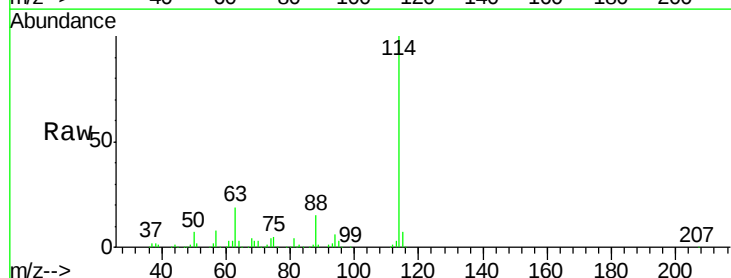
Manual Integrations  
 APPROVED

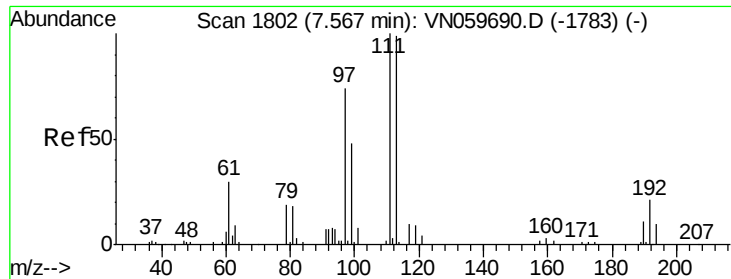
MMDadoda  
 1/28/2020 9:24:22 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.57 min Scan# 2113  
 Delta R.T. 0.00 min  
 Lab File: VN059862.D  
 Acq: 27 Jan 2020 9:48

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 307825 |       |       |
| 63      | 19.0  | 0.0    | 43.6  |       |
| 88      | 15.2  | 0.0    | 31.4  |       |





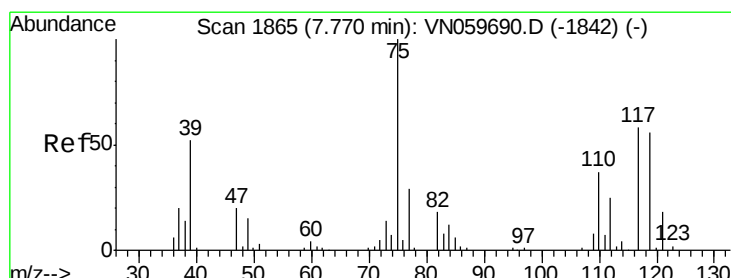
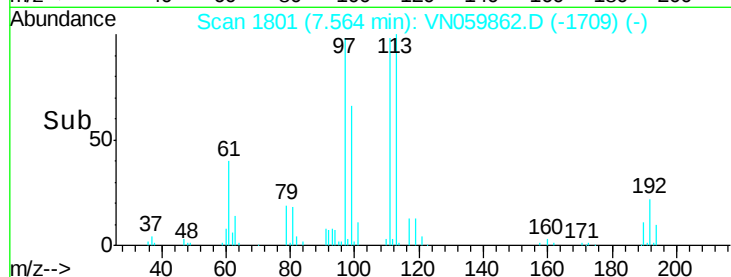
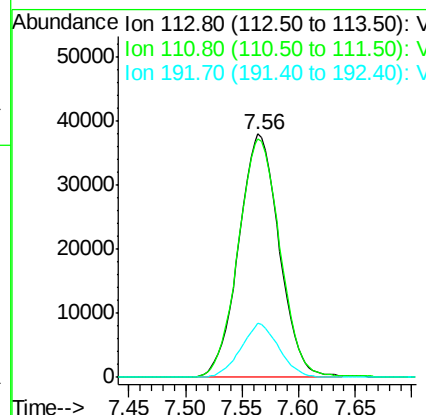
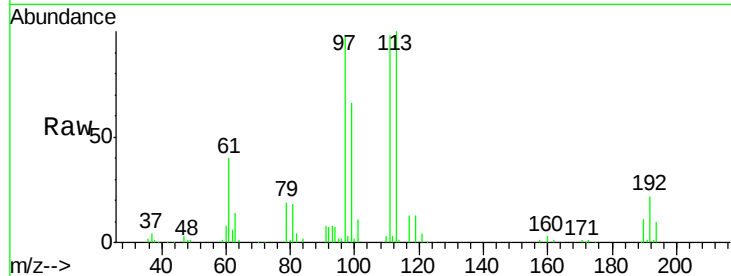
#35  
Dibromofluoromethane  
Concen: 51.564 ug/l  
RT: 7.56 min Scan# 1801  
Delta R.T. -0.00 min  
Lab File: VN059862.D  
Acq: 27 Jan 2020 9:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 113     | 100   | 94655 |       |       |
| 111     | 101.0 | 83.5  | 125.3 |       |
| 192     | 20.8  | 15.4  | 23.2  |       |

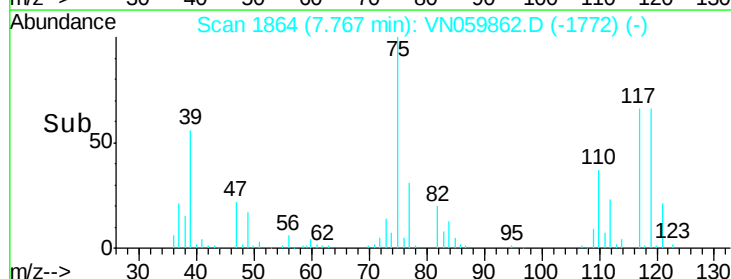
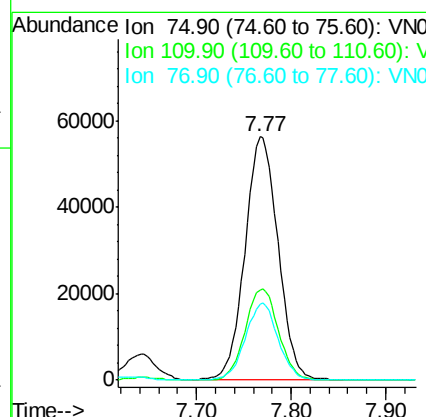
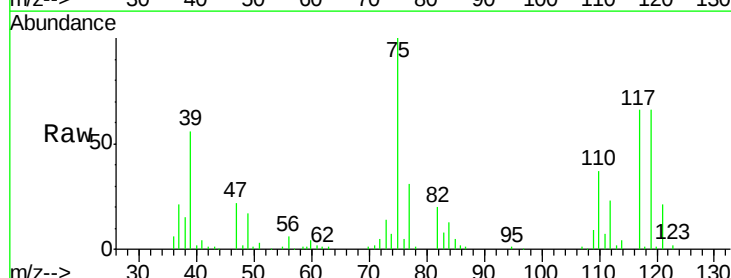
Manual Integrations  
APPROVED

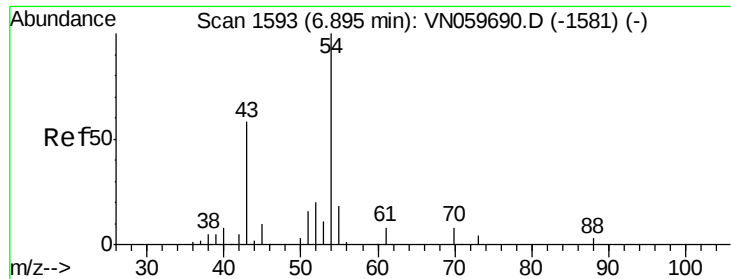
MMDadoda  
1/28/2020 9:24:22 AM



#36  
1,1-Dichloropropene  
Concen: 51.063 ug/l  
RT: 7.77 min Scan# 1864  
Delta R.T. -0.00 min  
Lab File: VN059862.D  
Acq: 27 Jan 2020 9:48

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 136881 |       |       |
| 110     | 37.5  | 16.6   | 49.7  |       |
| 77      | 31.3  | 25.1   | 37.7  |       |





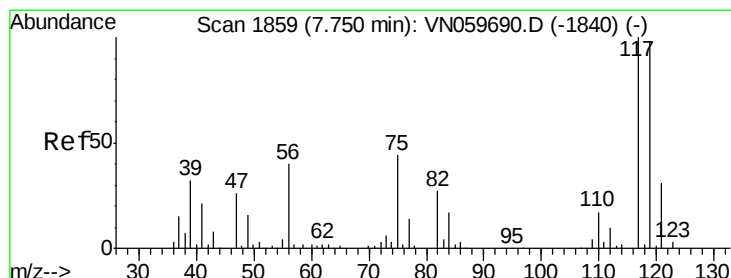
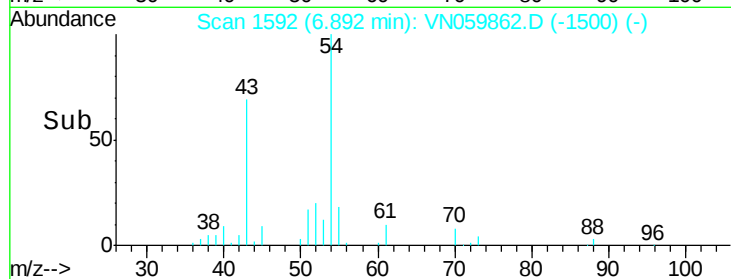
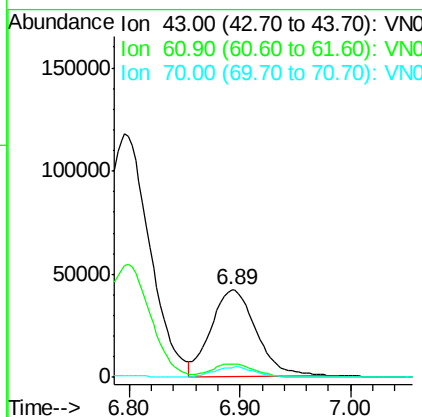
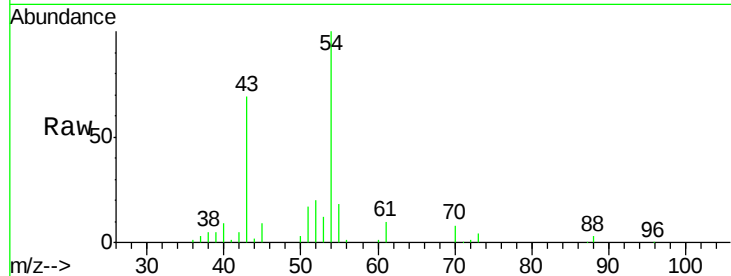
#37  
Ethyl Acetate  
Concen: 47.898 ug/l  
RT: 6.89 min Scan# 1592  
Delta R.T. -0.00 min  
Lab File: VN059862.D  
Acq: 27 Jan 2020 9:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.5  | 10.9  | 16.3  |
| 70      | 11.3  | 7.7   | 11.5  |

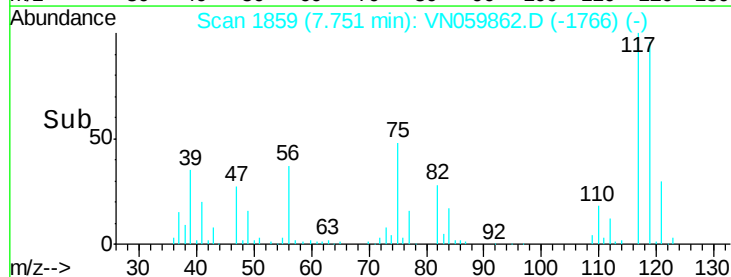
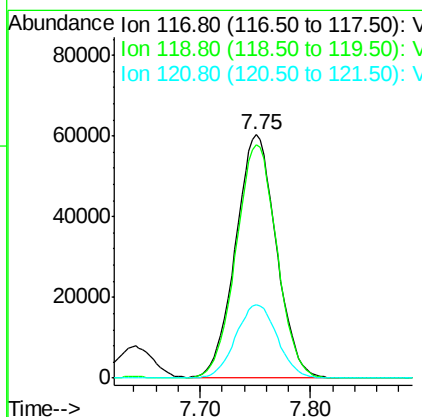
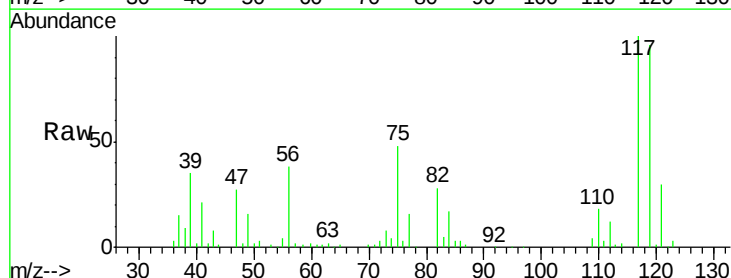
Manual Integrations  
APPROVED

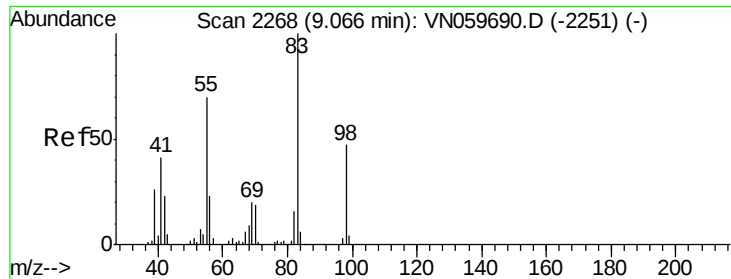
MMDadoda  
1/28/2020 9:24:22 AM



#38  
Carbon Tetrachloride  
Concen: 52.872 ug/l  
RT: 7.75 min Scan# 1859  
Delta R.T. 0.00 min  
Lab File: VN059862.D  
Acq: 27 Jan 2020 9:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.9  | 76.5  | 114.7 |
| 121     | 30.2  | 25.1  | 37.7  |





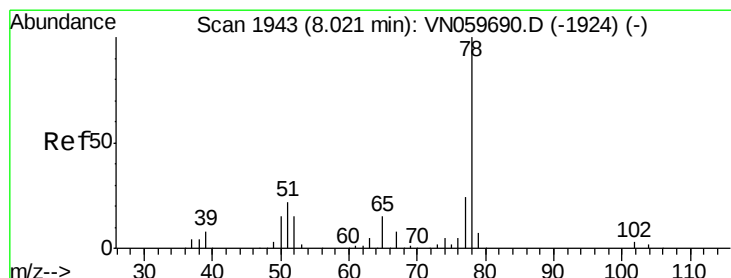
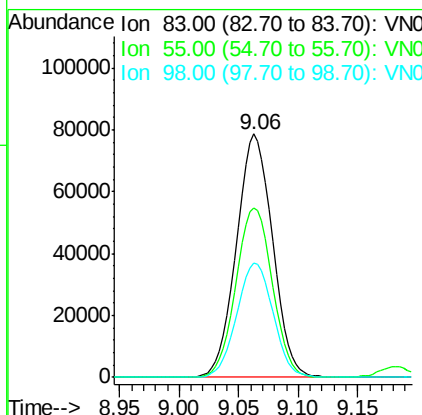
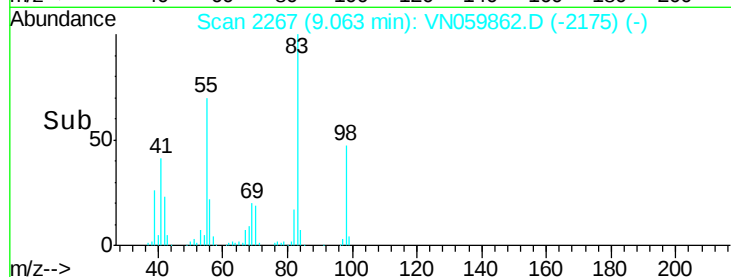
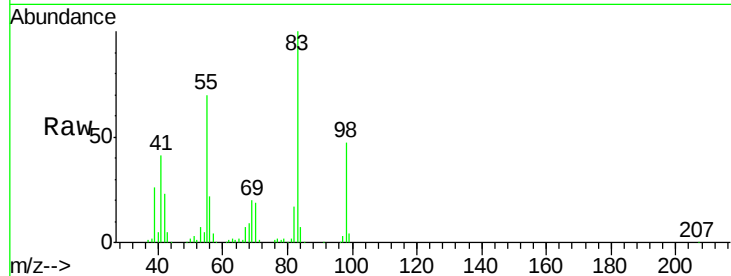
#39  
Methvlcvclohexane  
Concen: 50.202 ug/l  
RT: 9.06 min Scan# 2267  
Delta R.T. -0.00 min  
Lab File: VN059862.D  
Acq: 27 Jan 2020 9:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 69.7  | 64.2  | 96.2  |
| 98      | 46.7  | 35.9  | 53.9  |

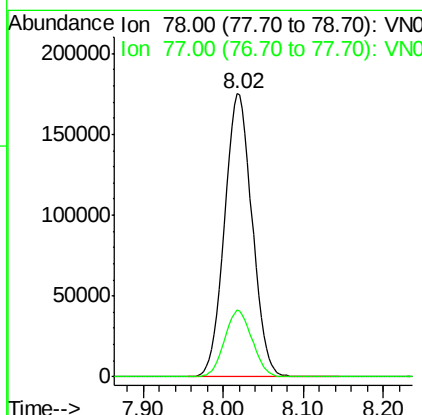
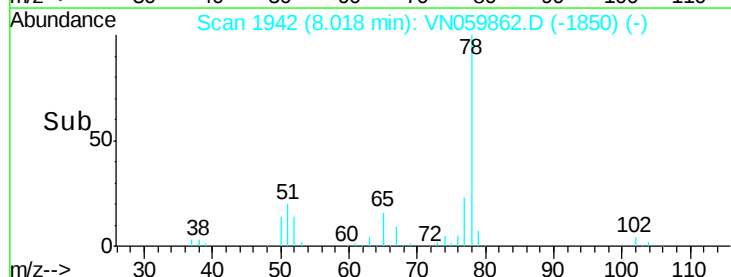
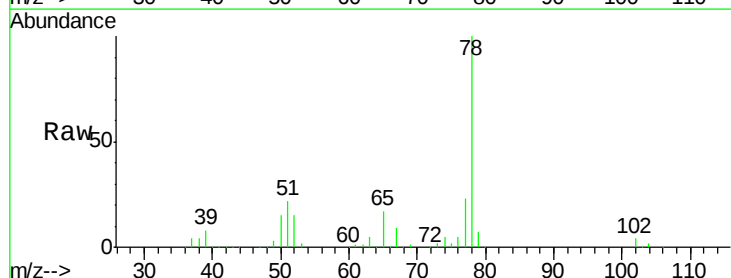
Manual Integrations  
APPROVED

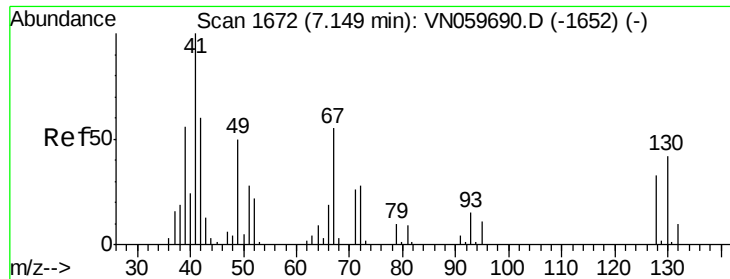
MMDadoda  
1/28/2020 9:24:22 AM



#40  
Benzene  
Concen: 51.573 ug/l  
RT: 8.02 min Scan# 1942  
Delta R.T. -0.00 min  
Lab File: VN059862.D  
Acq: 27 Jan 2020 9:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.5  | 18.9  | 28.3  |





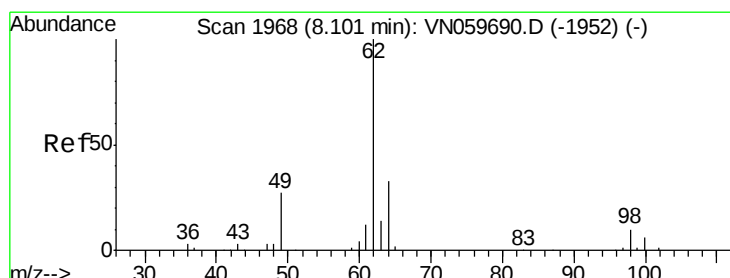
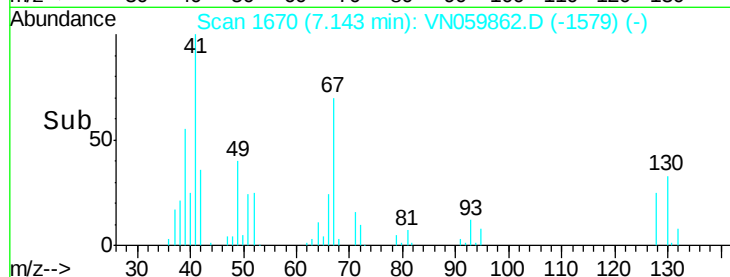
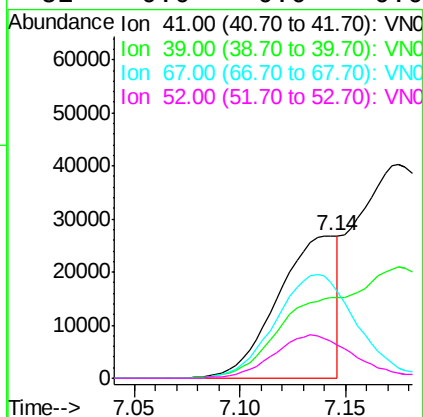
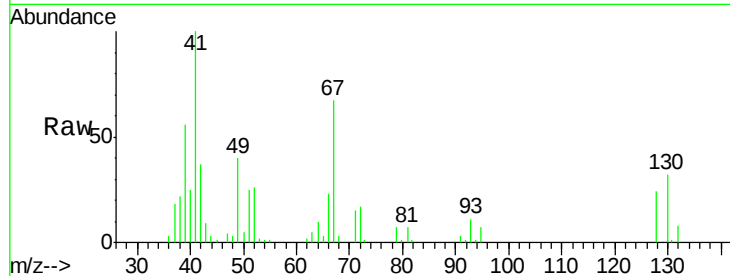
#41  
Methacrylonitrile  
Concen: 42.976 ug/l m  
RT: 7.14 min Scan# 1670  
Delta R.T. -0.01 min  
Lab File: VN059862.D  
Acq: 27 Jan 2020 9:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ion   | Ratio | Resp | Lower | Upper |
|---------|-------|-------|------|-------|-------|
| 41      | 100   |       |      |       |       |
| 39      | 175.1 | 0.0   | 0.0  |       |       |
| 67      | 0.0   | 0.0   | 0.0  |       |       |
| 52      | 0.0   | 0.0   | 0.0  |       |       |

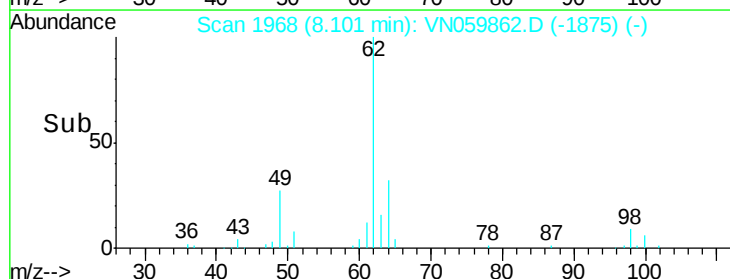
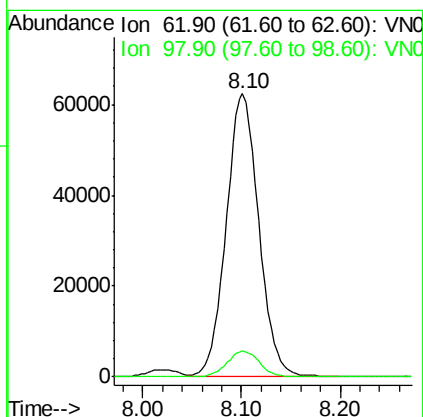
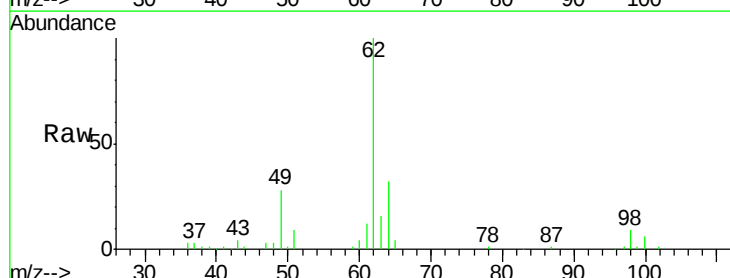
Manual Integrations  
APPROVED

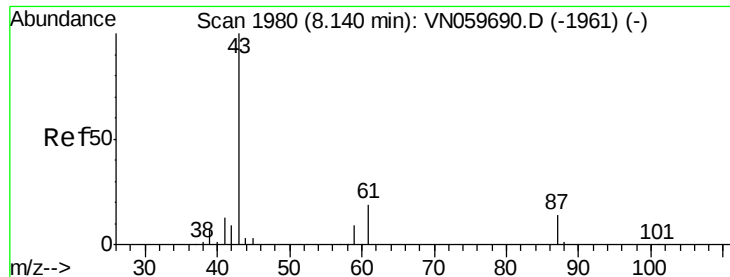
MMDadoda  
1/28/2020 9:24:22 AM



#42  
1,2-Dichloroethane  
Concen: 53.072 ug/l  
RT: 8.10 min Scan# 1968  
Delta R.T. 0.00 min  
Lab File: VN059862.D  
Acq: 27 Jan 2020 9:48

| Tgt Ion | Ion | Ratio | Resp | Lower | Upper |
|---------|-----|-------|------|-------|-------|
| 62      | 100 |       |      |       |       |
| 98      | 9.1 | 0.0   | 15.8 |       |       |





#43

Isopropyl Acetate

Concen: 49.380 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN059862.D

Acq: 27 Jan 2020 9:48

Instrument :

MSVOA\_N

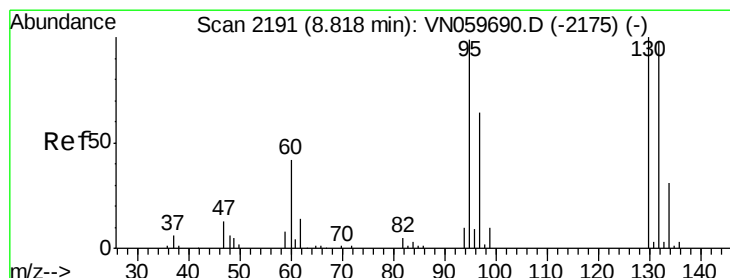
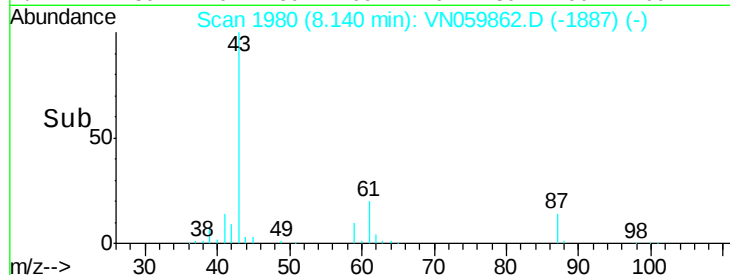
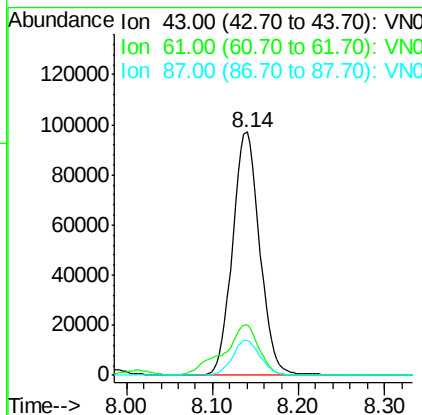
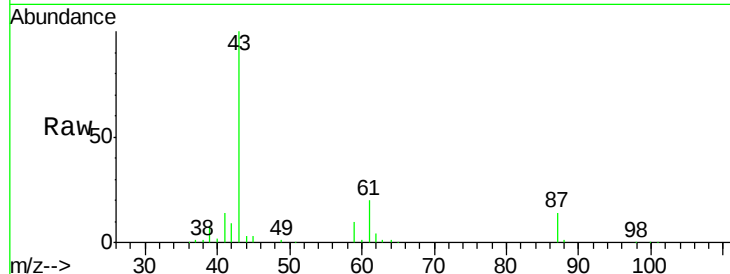
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 213548 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 27.2  | 20.2  | 30.2   |
| 87       | 14.7  | 9.5   | 14.3#  |

Manual Integrations  
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1/28/2020 9:24:22 AM



#44

Trichloroethene

Concen: 55.088 ug/l

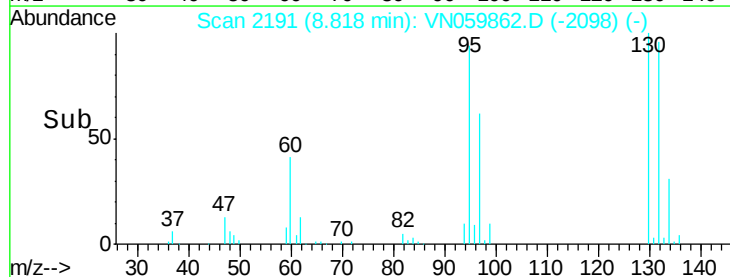
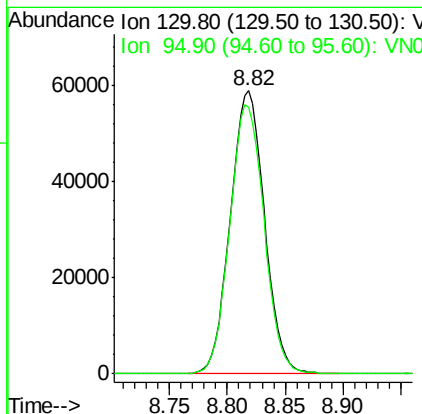
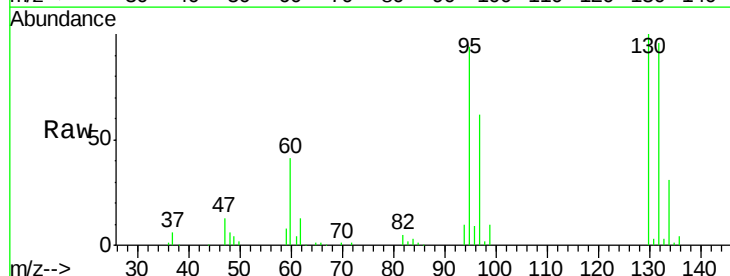
RT: 8.82 min Scan# 2191

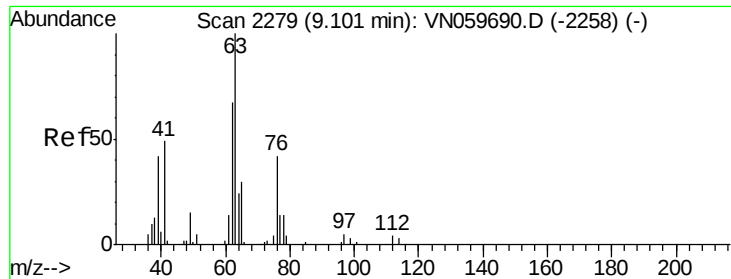
Delta R.T. 0.00 min

Lab File: VN059862.D

Acq: 27 Jan 2020 9:48

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 120228 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 94.2  | 0.0   | 207.0  |





#45

1,2-Dichloropropane

Concen: 53.007 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. 0.00 min

Lab File: VN059862.D

Acq: 27 Jan 2020 9:48

Instrument :

MSVOA\_N

ClientSampled :

VSTDCCC050

Tot Ion: 63 Resp: 104864

Ion Ratio Lower Upper

63 100

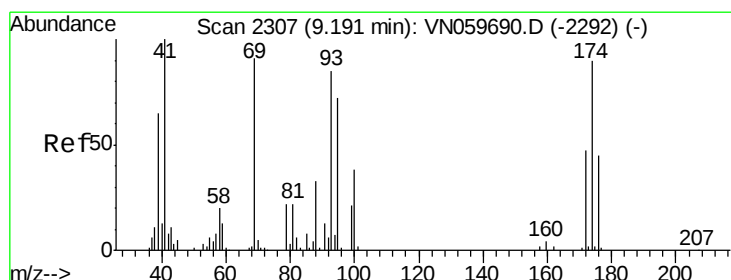
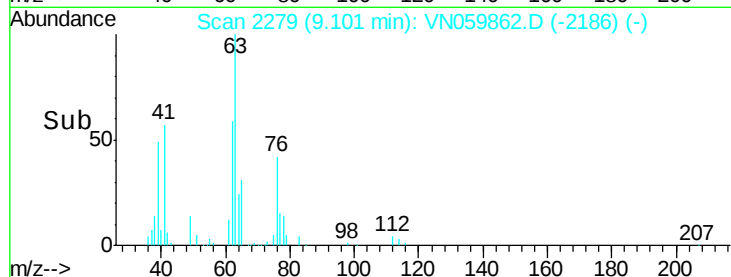
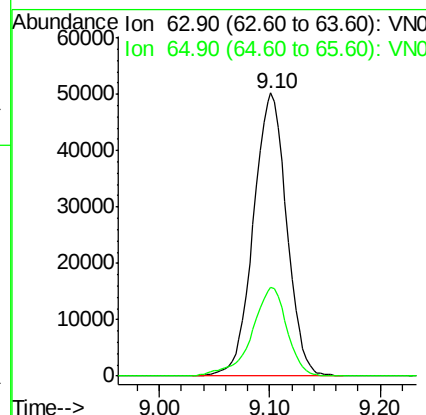
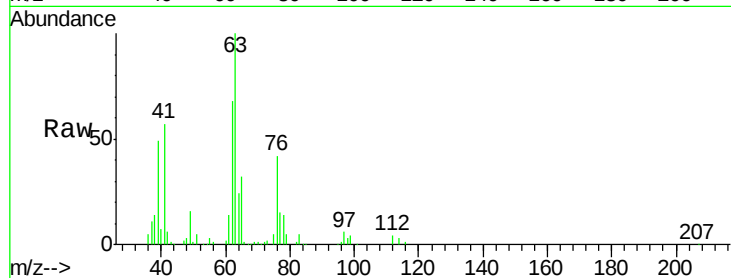
65 31.6 24.9 37.3

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#46

Dibromomethane

Concen: 53.966 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN059862.D

Acq: 27 Jan 2020 9:48

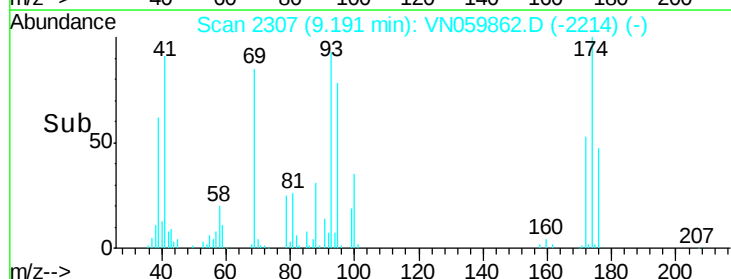
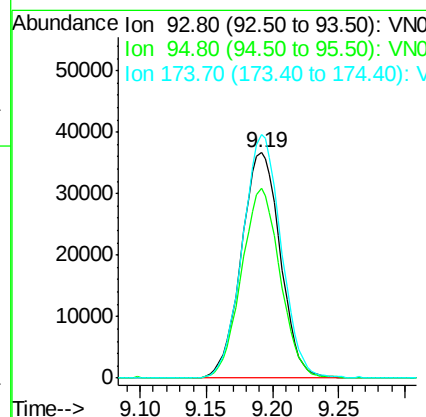
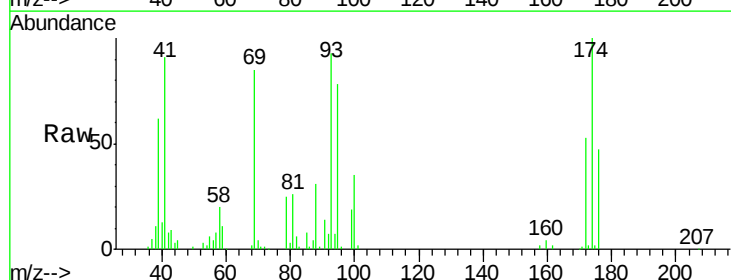
Tgt Ion: 93 Resp: 75310

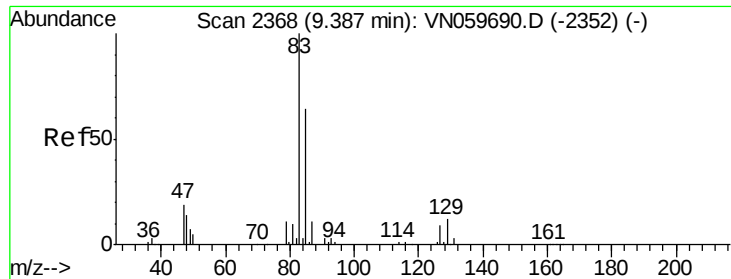
Ion Ratio Lower Upper

93 100

95 83.2 67.0 100.6

174 106.8 73.4 110.2





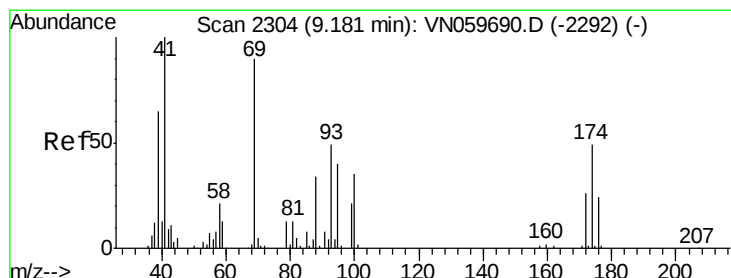
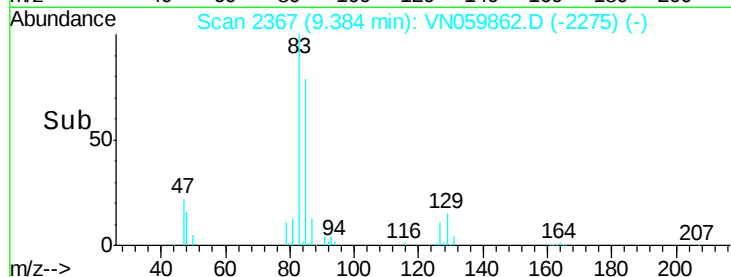
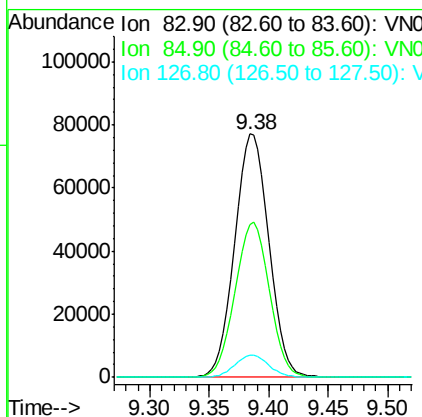
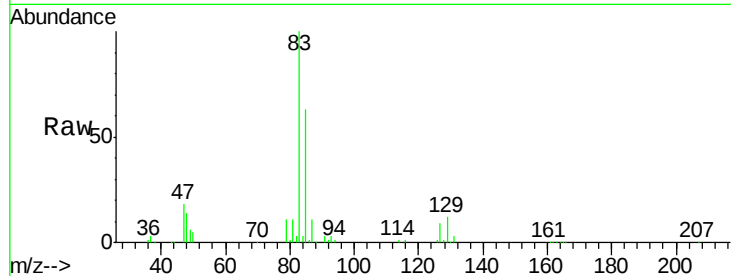
#47  
Bromodichloromethane  
Concen: 54.764 ug/l  
RT: 9.38 min Scan# 2367  
Delta R.T. -0.00 min  
Lab File: VN059862.D  
Acq: 27 Jan 2020 9:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 62.9  | 51.1  | 76.7  |
| 127     | 9.0   | 6.6   | 9.8   |

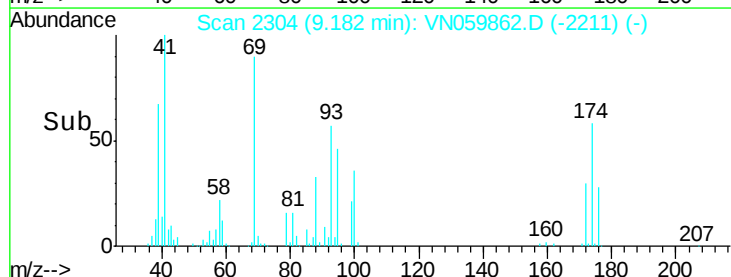
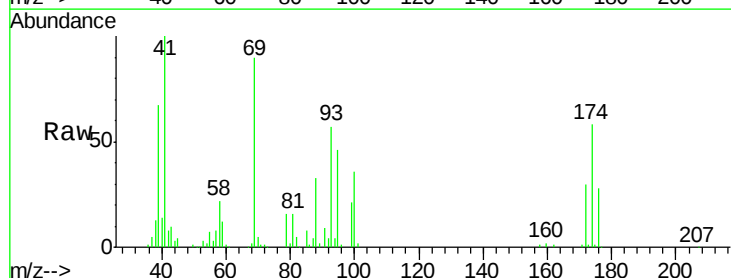
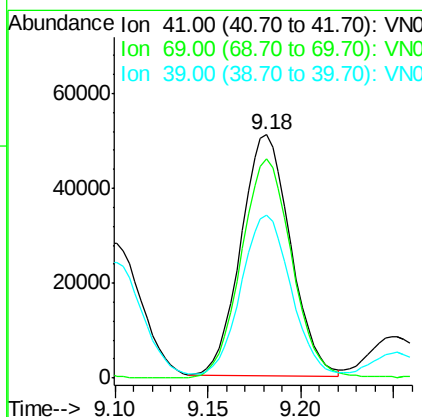
Manual Integrations  
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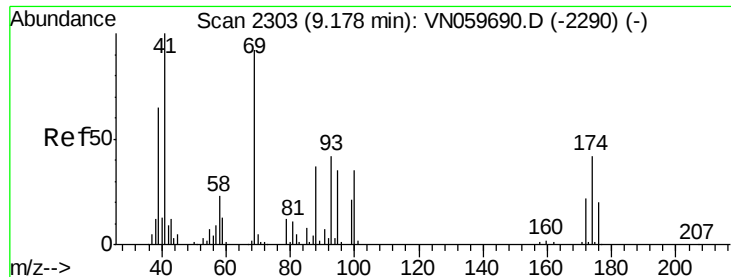
MMDadoda  
1/28/2020 9:24:22 AM



#48  
Methyl methacrylate  
Concen: 48.566 ug/l  
RT: 9.18 min Scan# 2304  
Delta R.T. 0.00 min  
Lab File: VN059862.D  
Acq: 27 Jan 2020 9:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 69      | 93.8  | 64.4  | 96.6  |
| 39      | 66.5  | 51.3  | 76.9  |





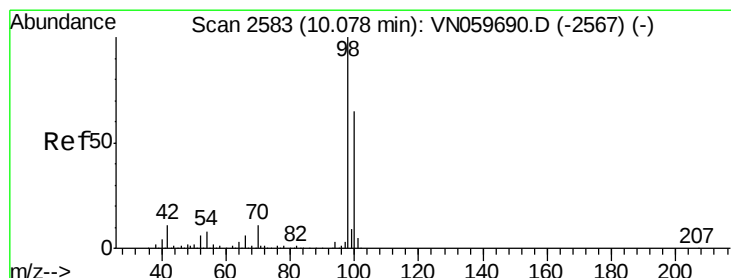
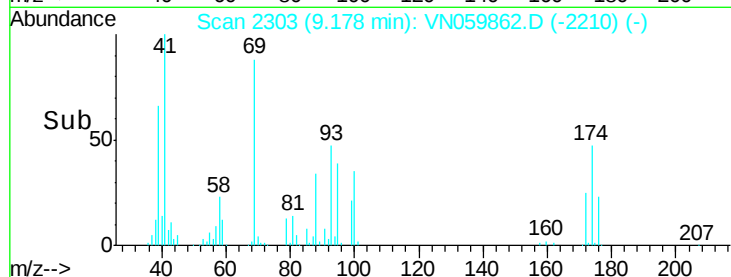
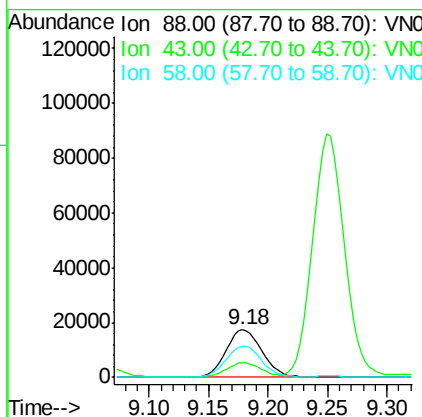
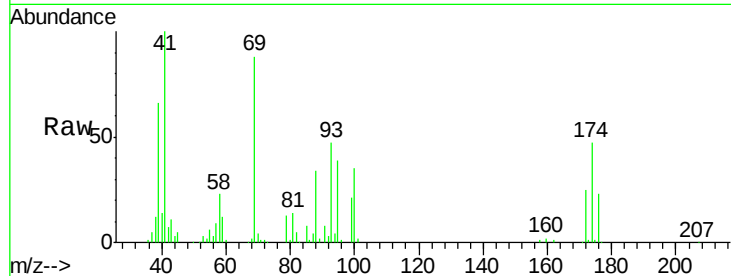
#49  
1,4-Dioxane  
Concen: 1039.190 ug/l  
RT: 9.18 min Scan# 2303  
Delta R.T. 0.00 min  
Lab File: VN059862.D  
Acq: 27 Jan 2020 9:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 30.1  | 29.7  | 44.5  |
| 58      | 64.3  | 56.6  | 85.0  |

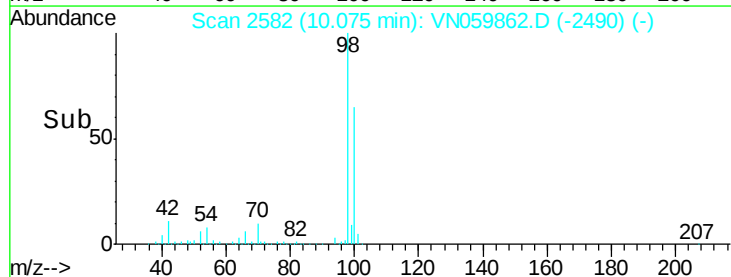
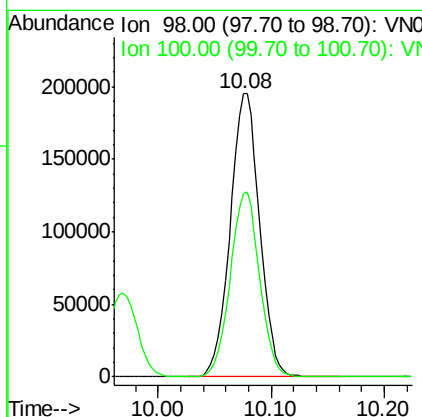
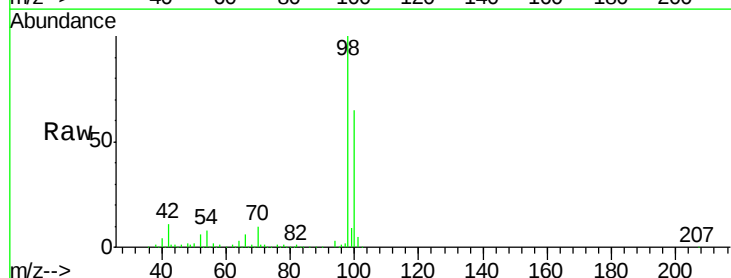
Manual Integrations  
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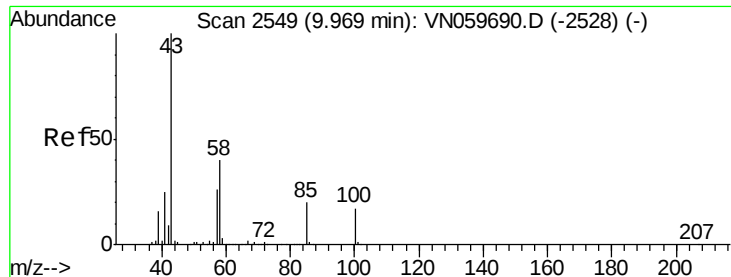
MMDadoda  
1/28/2020 9:24:22 AM



#50  
Toluene-d8  
Concen: 49.550 ug/l  
RT: 10.08 min Scan# 2582  
Delta R.T. -0.00 min  
Lab File: VN059862.D  
Acq: 27 Jan 2020 9:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 65.1  | 51.2  | 76.8  |





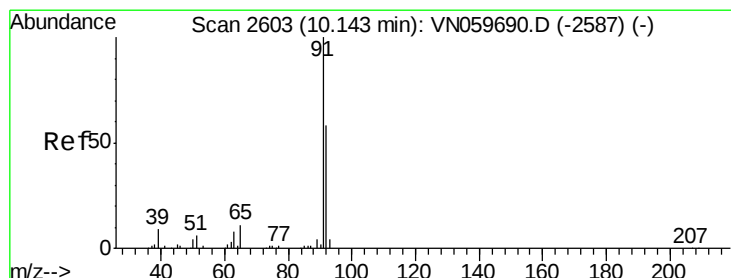
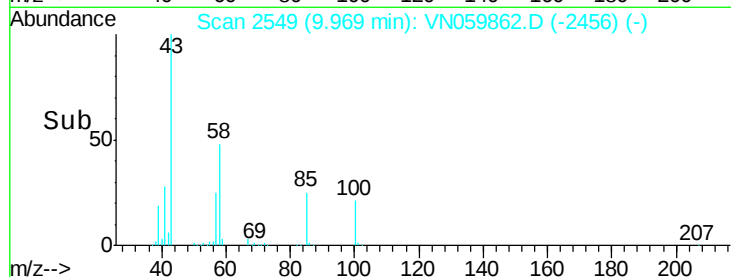
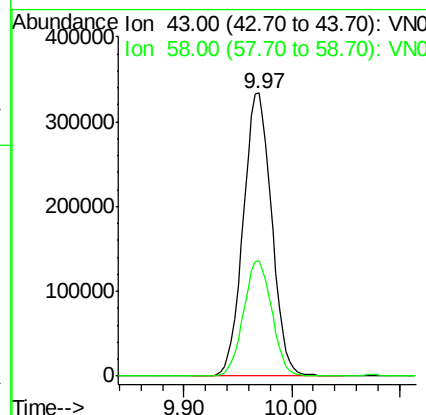
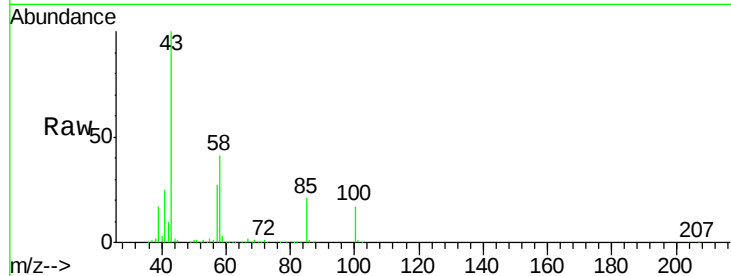
#51  
4-Methyl-2-Pentanone  
Concen: 244.948 ug/l  
RT: 9.97 min Scan# 2549  
Delta R.T. 0.00 min  
Lab File: VN059862.D  
Acq: 27 Jan 2020 9:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 40.5  | 29.8  | 44.8  |

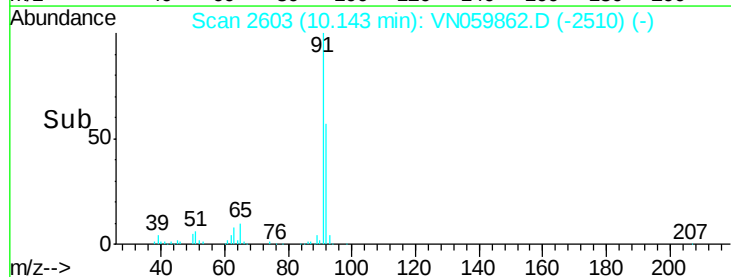
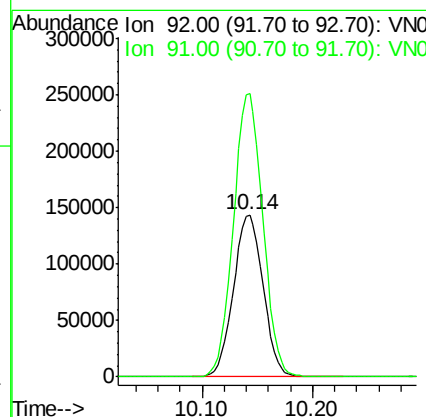
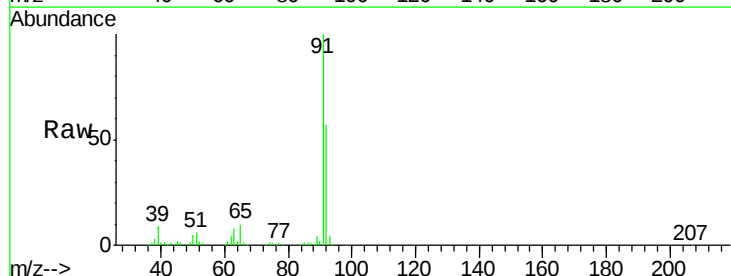
Manual Integrations  
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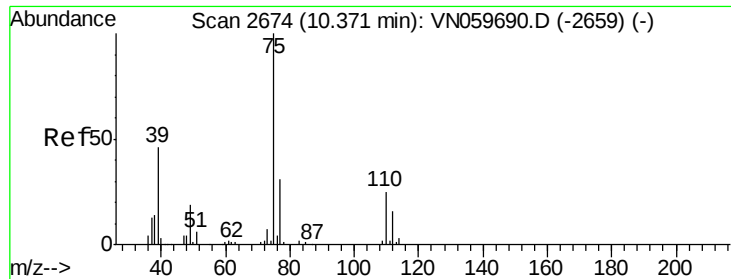
MMDadoda  
1/28/2020 9:24:22 AM



#52  
Toluene  
Concen: 52.822 ug/l  
RT: 10.14 min Scan# 2603  
Delta R.T. 0.00 min  
Lab File: VN059862.D  
Acq: 27 Jan 2020 9:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 92      | 100   |       |       |
| 91      | 174.0 | 140.4 | 210.6 |





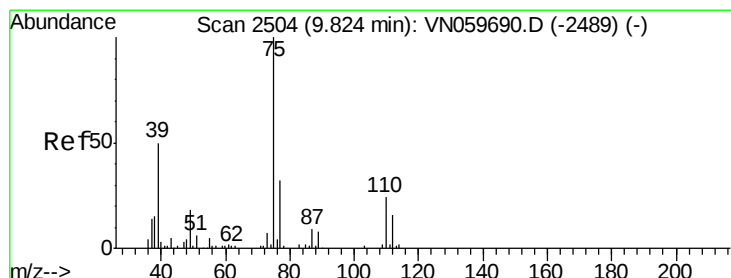
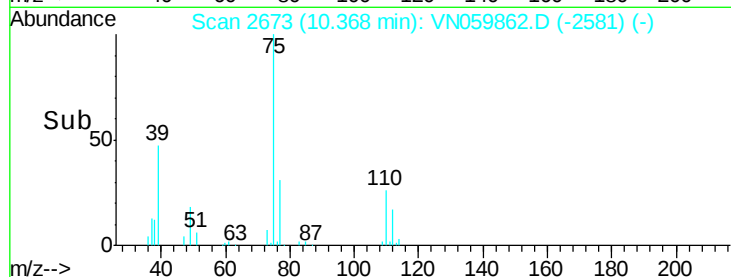
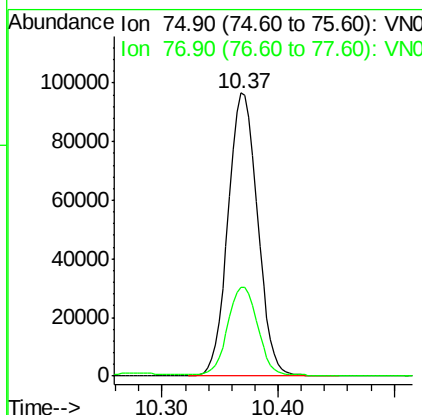
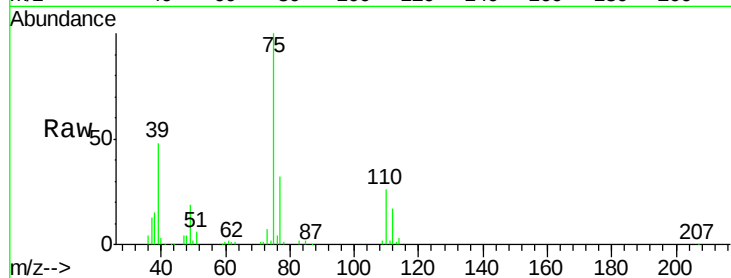
#53  
t-1,3-Dichloropropene  
Concen: 54.453 ug/l  
RT: 10.37 min Scan# 2673  
Delta R.T. -0.00 min  
Lab File: VN059862.D  
Acq: 27 Jan 2020 9:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion: 75 Resp: 170984  
Ion Ratio Lower Upper  
75 100  
77 31.3 25.4 38.2

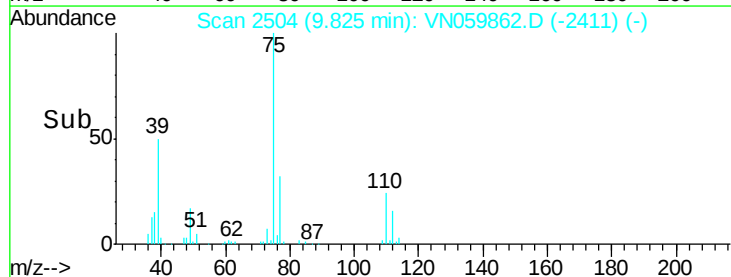
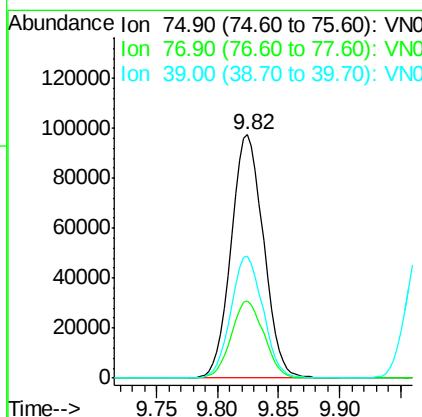
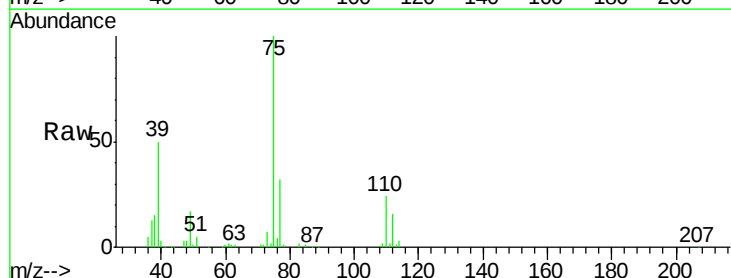
Manual Integrations  
APPROVED

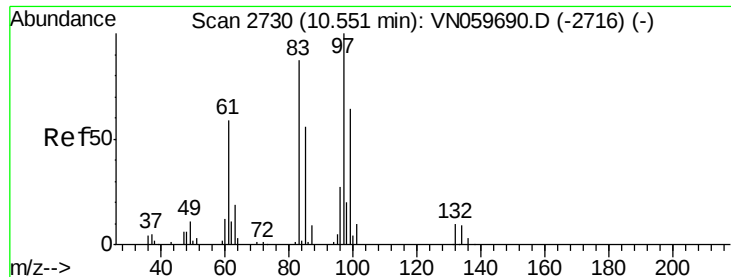
MMDadoda  
1/28/2020 9:24:22 AM



#54  
cis-1,3-Dichloropropene  
Concen: 54.632 ug/l  
RT: 9.82 min Scan# 2504  
Delta R.T. 0.00 min  
Lab File: VN059862.D  
Acq: 27 Jan 2020 9:48

Tgt Ion: 75 Resp: 180498  
Ion Ratio Lower Upper  
75 100  
77 31.7 25.1 37.7  
39 50.1 46.1 69.1





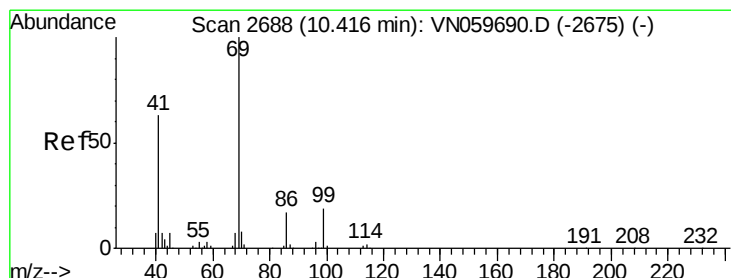
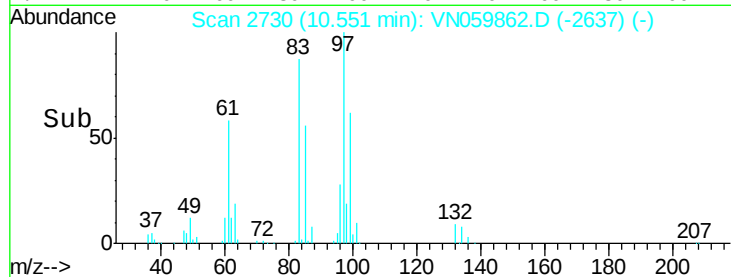
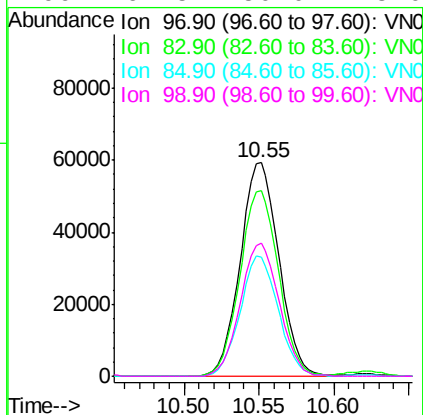
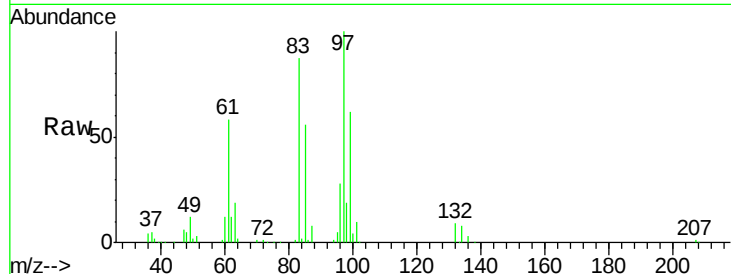
#55  
 1,1,2-Trichloroethane  
 Concen: 53.361 ug/l  
 RT: 10.55 min Scan# 2730  
 Delta R.T. 0.00 min  
 Lab File: VN059862.D  
 Acq: 27 Jan 2020 9:48

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 106723 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 86.8  | 71.3  | 106.9  |
| 85       | 55.7  | 45.8  | 68.8   |
| 99       | 62.5  | 50.0  | 75.0   |

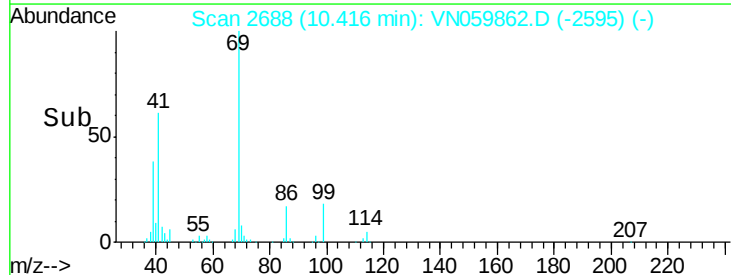
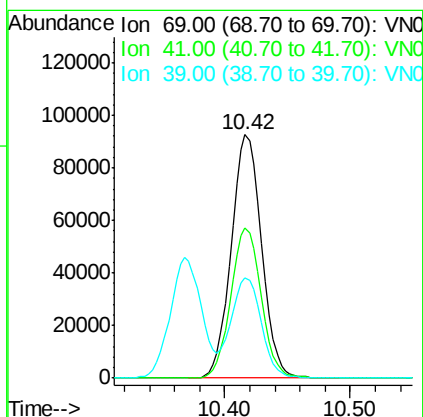
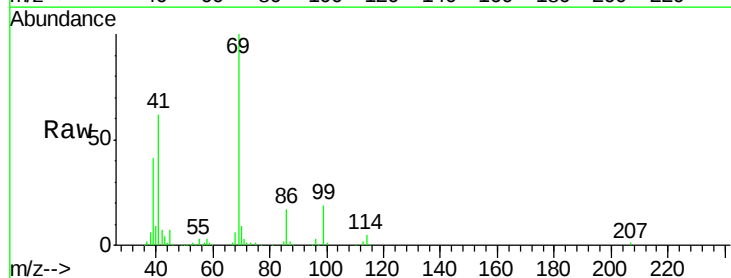
Manual Integrations  
 APPROVED

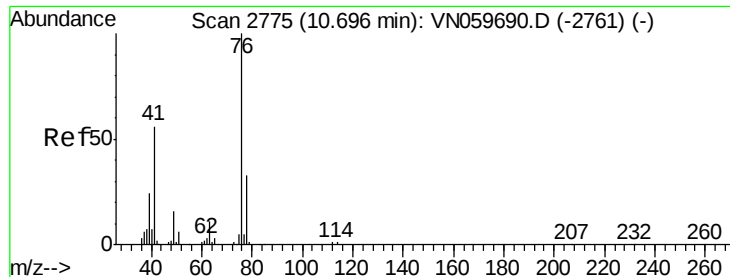
MMDadoda  
 1/28/2020 9:24:22 AM



#56  
 Ethyl methacrylate  
 Concen: 50.843 ug/l  
 RT: 10.42 min Scan# 2688  
 Delta R.T. 0.00 min  
 Lab File: VN059862.D  
 Acq: 27 Jan 2020 9:48

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 155377 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 61.3  | 57.1  | 85.7   |
| 39       | 41.1  | 34.7  | 52.1   |





#57

1,3-Dichloropropane

Concen: 54.011 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN059862.D

Acq: 27 Jan 2020 9:48

Instrument :

MSVOA\_N

ClientSampled :

VSTDCCC050

Tot Ion: 76 Resp: 171500

Ion Ratio Lower Upper

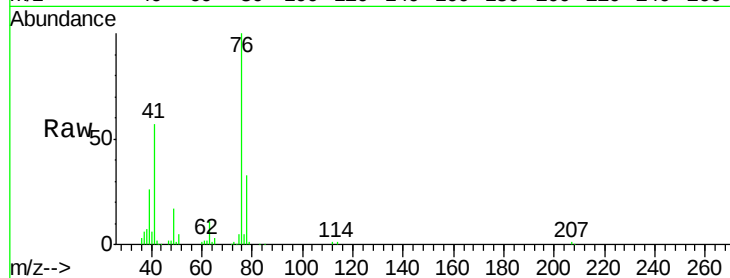
76 100

78 32.5 25.8 38.8

Manual Integrations  
APPROVED

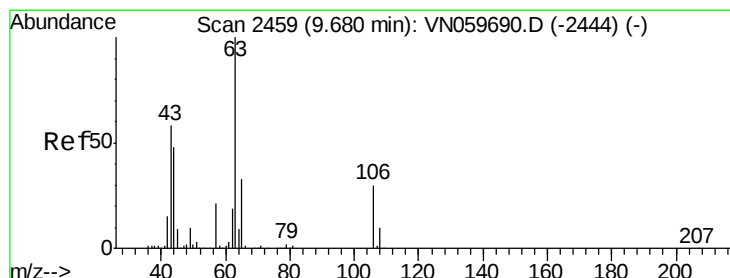
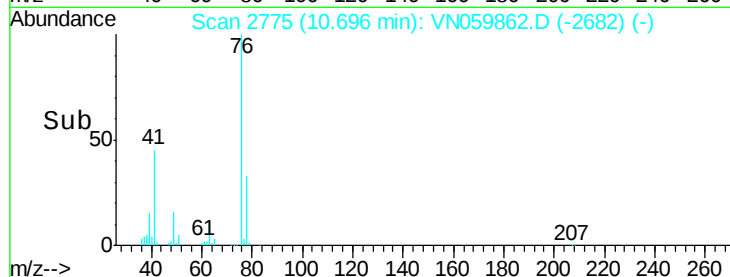
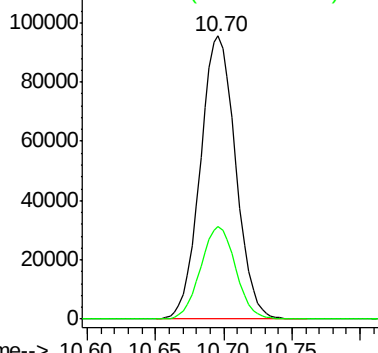
MMDadoda

1/28/2020 9:24:22 AM



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 223.906 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN059862.D

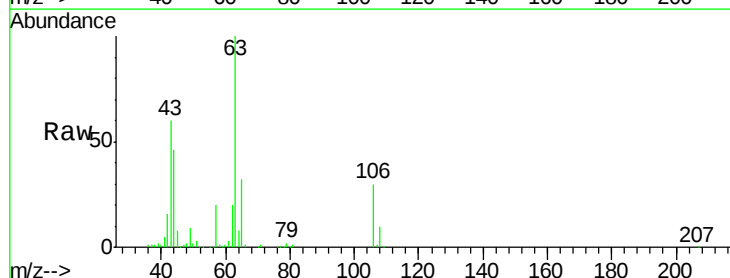
Acq: 27 Jan 2020 9:48

Tgt Ion: 63 Resp: 206102

Ion Ratio Lower Upper

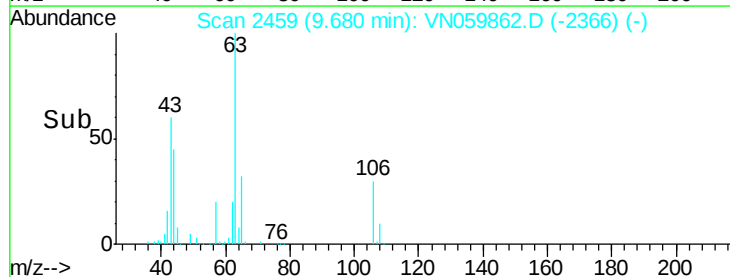
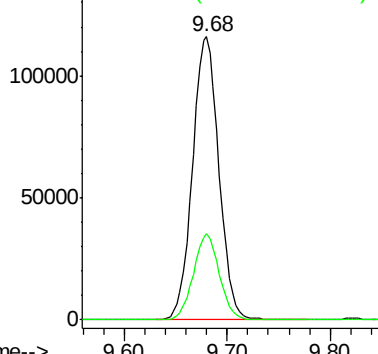
63 100

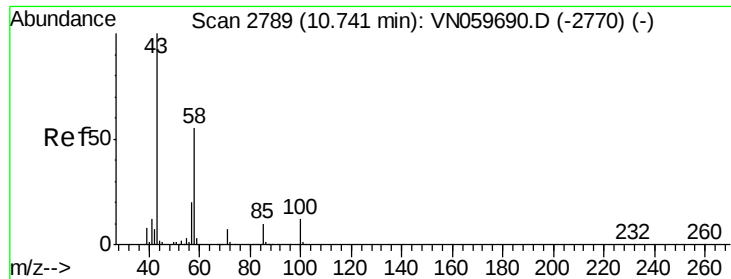
106 29.8 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





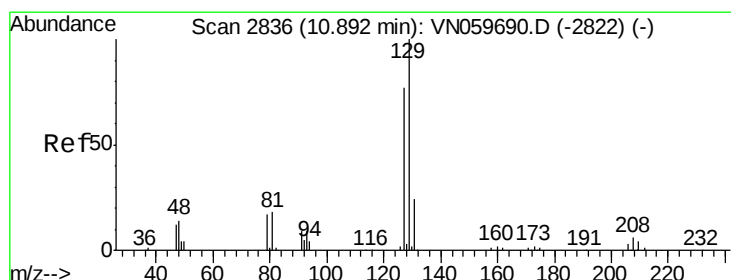
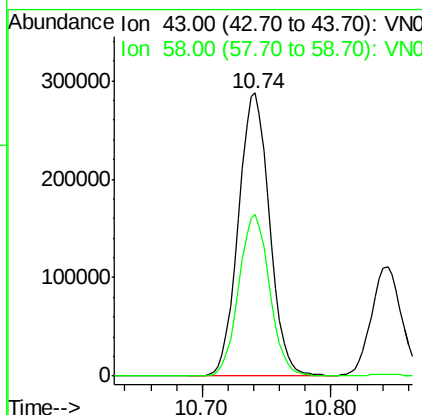
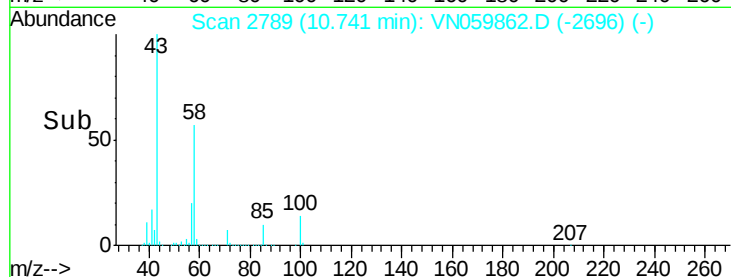
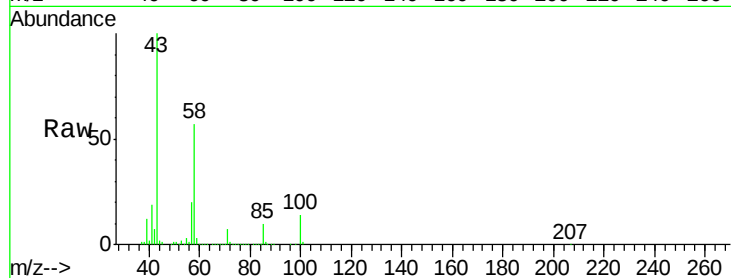
#59  
2-Hexanone  
Concen: 262.655 ug/l  
RT: 10.74 min Scan# 2789  
Delta R.T. 0.00 min  
Lab File: VN059862.D  
Acq: 27 Jan 2020 9:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 483727  
Ion Ratio Lower Upper  
43 100  
58 56.6 25.8 77.3

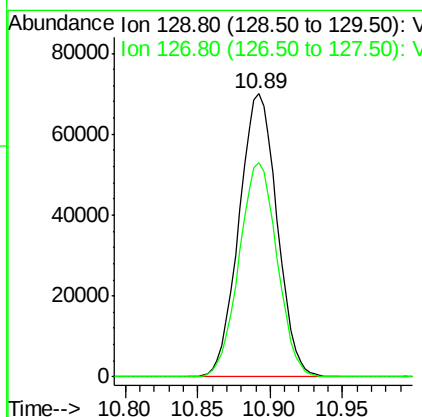
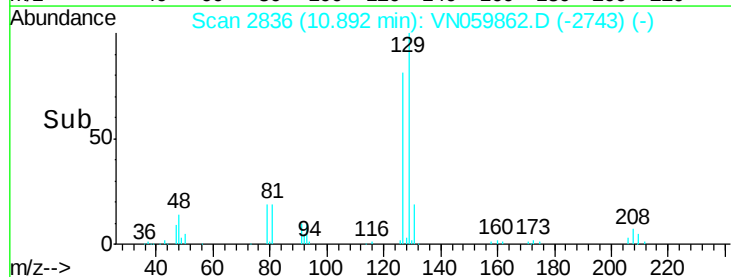
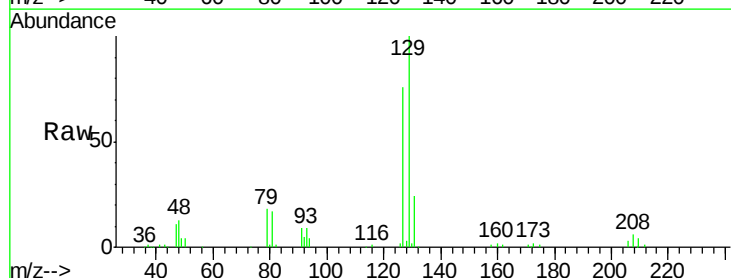
Manual Integrations  
APPROVED

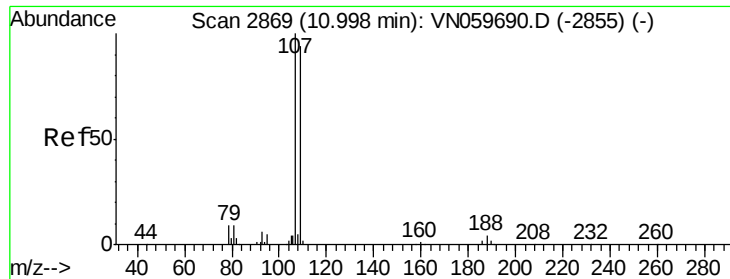
MMDadoda  
1/28/2020 9:24:22 AM



#60  
Dibromochloromethane  
Concen: 56.157 ug/l  
RT: 10.89 min Scan# 2836  
Delta R.T. 0.00 min  
Lab File: VN059862.D  
Acq: 27 Jan 2020 9:48

Tgt Ion: 129 Resp: 127899  
Ion Ratio Lower Upper  
129 100  
127 75.5 38.5 115.5





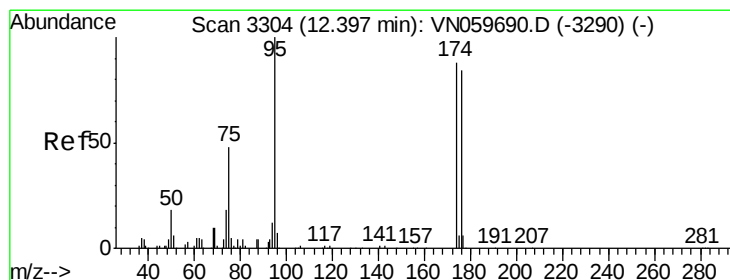
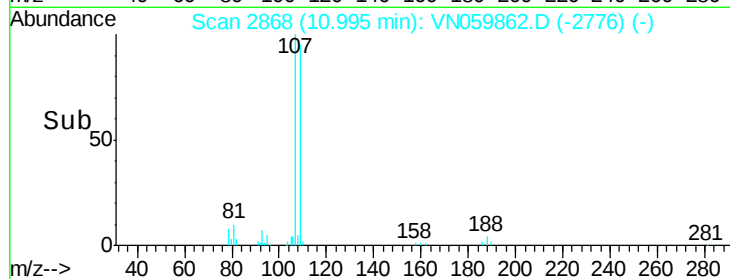
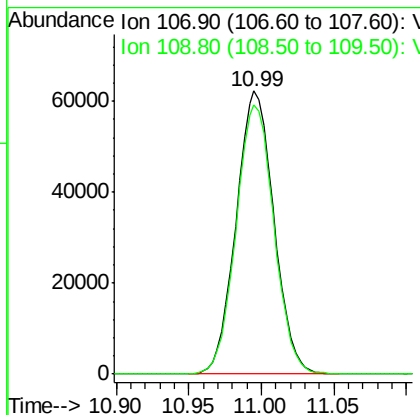
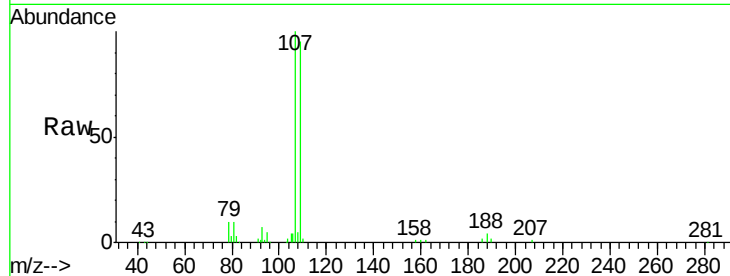
#61  
 1,2-Dibromoethane  
 Concen: 53.686 ug/l  
 RT: 10.99 min Scan# 2868  
 Delta R.T. -0.00 min  
 Lab File: VN059862.D  
 Acq: 27 Jan 2020 9:48

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 95.6  | 76.6  | 115.0 |

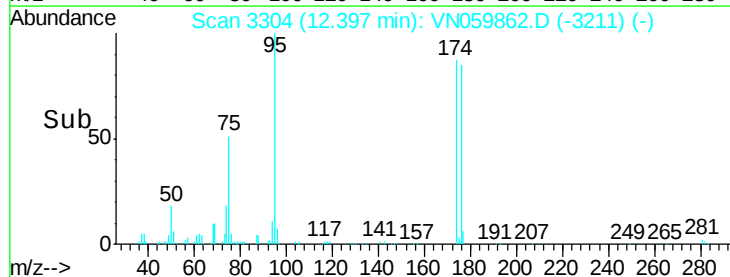
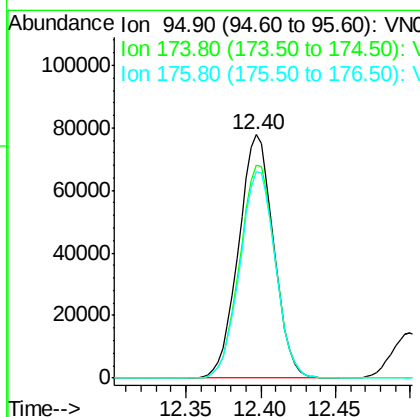
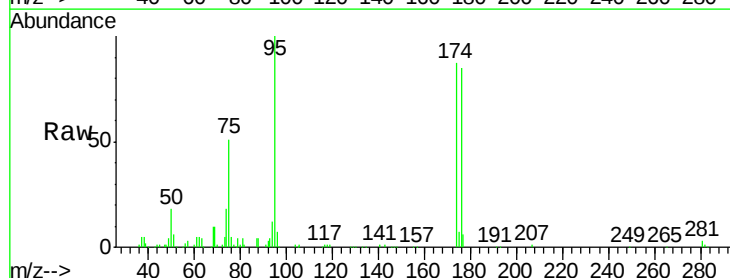
Manual Integrations  
 APPROVED

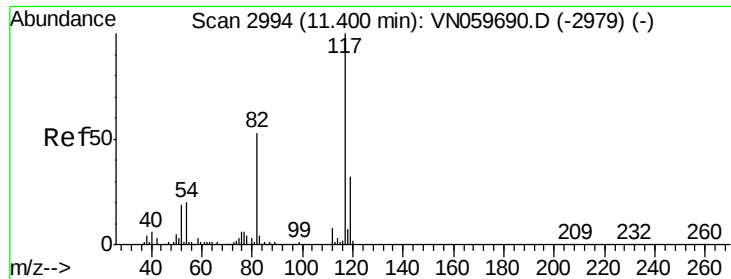
MMDadoda  
 1/28/2020 9:24:22 AM



#62  
 4-Bromofluorobenzene  
 Concen: 49.438 ug/l  
 RT: 12.40 min Scan# 3304  
 Delta R.T. 0.00 min  
 Lab File: VN059862.D  
 Acq: 27 Jan 2020 9:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 88.7  | 0.0   | 151.4 |
| 176     | 86.3  | 0.0   | 146.0 |





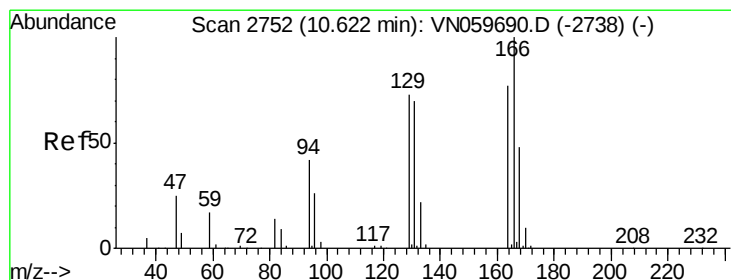
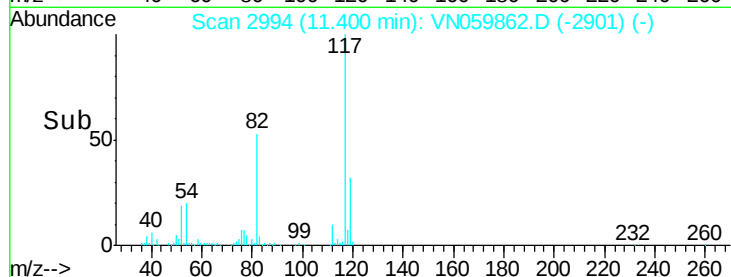
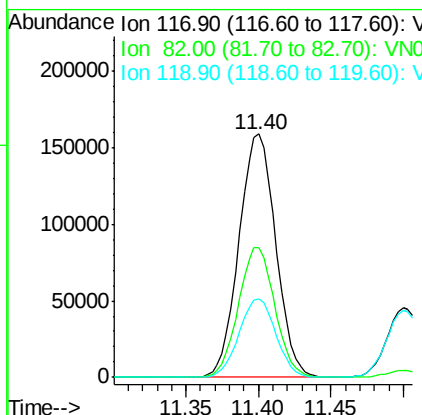
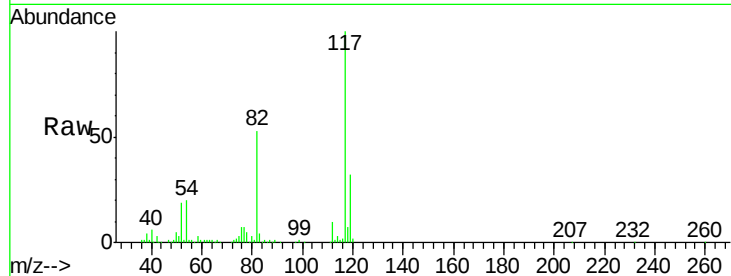
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.40 min Scan# 2994  
Delta R.T. 0.00 min  
Lab File: VN059862.D  
Acq: 27 Jan 2020 9:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 280823 |       |       |
| 82      | 53.3  | 45.9   | 68.9  |       |
| 119     | 32.5  | 25.5   | 38.3  |       |

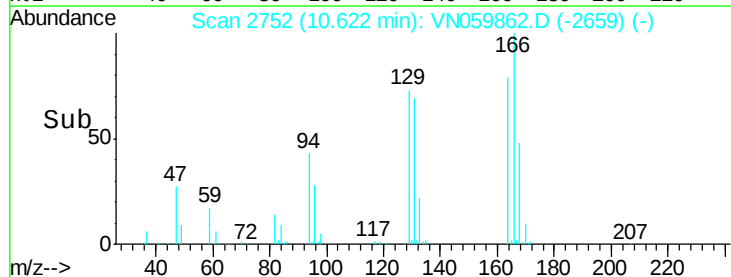
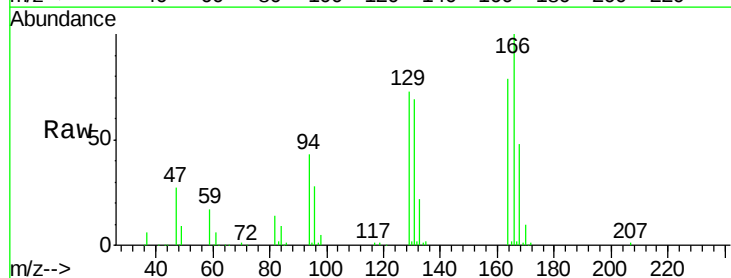
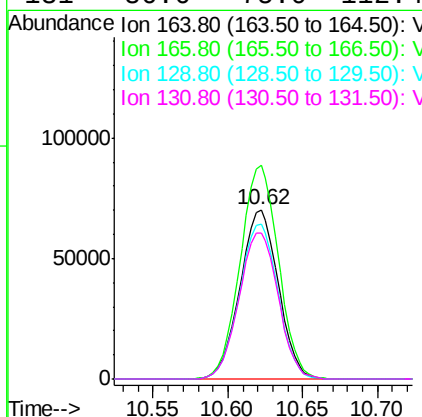
Manual Integrations  
APPROVED

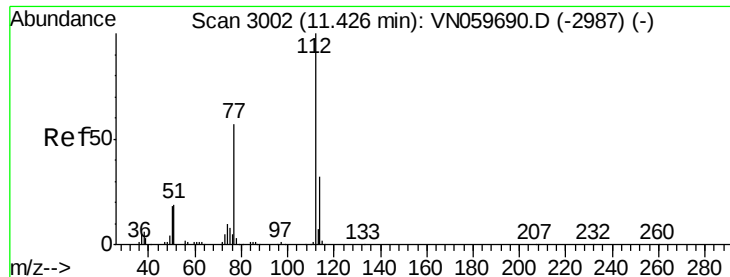
MMDadoda  
1/28/2020 9:24:22 AM



#64  
Tetrachloroethene  
Concen: 54.524 ug/l  
RT: 10.62 min Scan# 2752  
Delta R.T. 0.00 min  
Lab File: VN059862.D  
Acq: 27 Jan 2020 9:48

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 124790 |       |       |
| 166     | 126.3 | 101.4  | 152.0 |       |
| 129     | 91.7  | 80.2   | 120.4 |       |
| 131     | 86.6  | 75.0   | 112.4 |       |





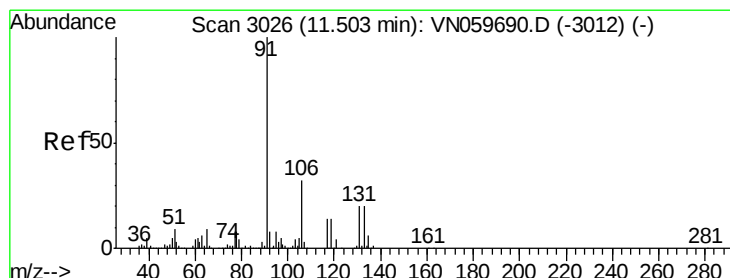
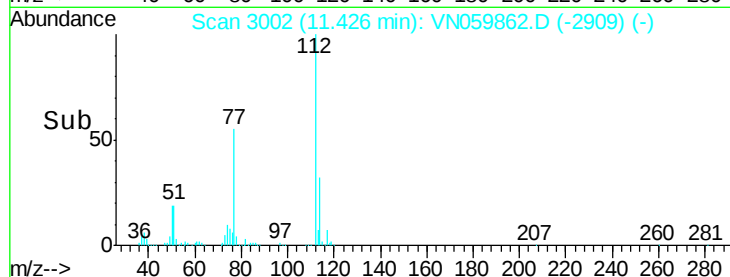
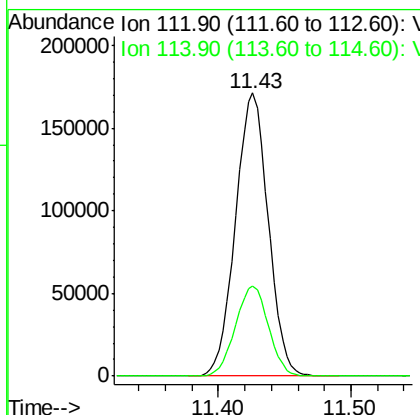
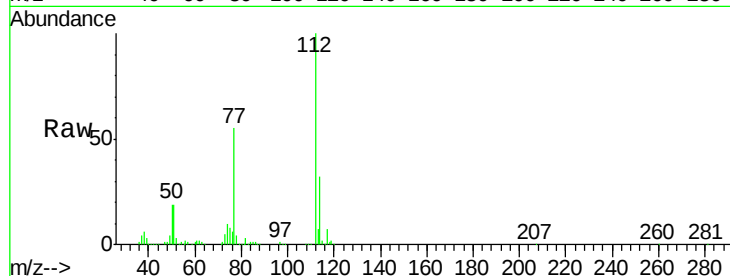
#65  
Chlorobenzene  
Concen: 53.130 ug/l  
RT: 11.43 min Scan# 3002  
Delta R.T. 0.00 min  
Lab File: VN059862.D  
Acq: 27 Jan 2020 9:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion:112 Resp: 293261  
Ion Ratio Lower Upper  
112 100  
114 32.0 25.8 38.8

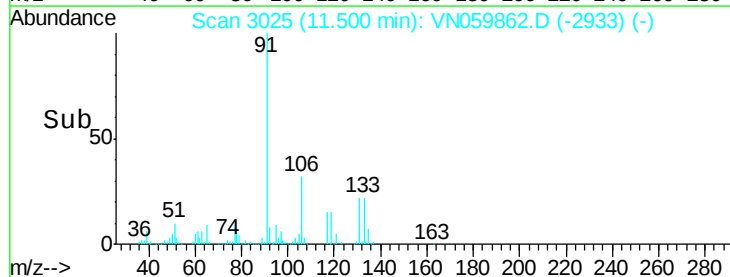
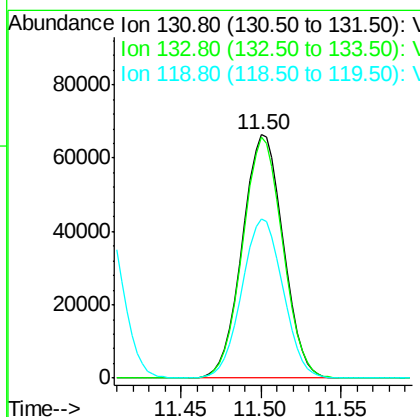
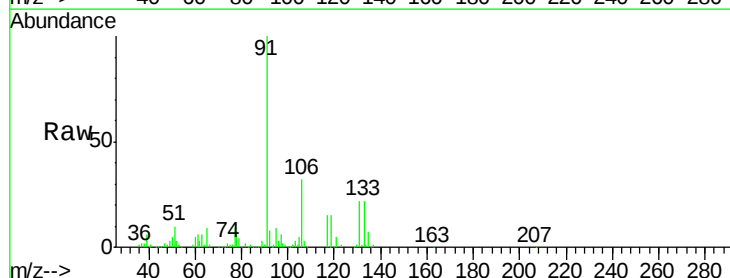
Manual Integrations  
APPROVED

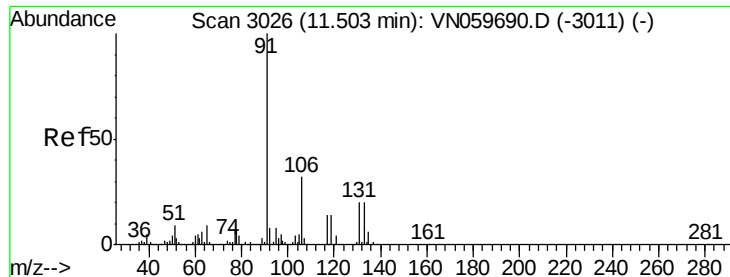
MMDadoda  
1/28/2020 9:24:22 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 54.306 ug/l  
RT: 11.50 min Scan# 3025  
Delta R.T. -0.00 min  
Lab File: VN059862.D  
Acq: 27 Jan 2020 9:48

Tgt Ion:131 Resp: 115824  
Ion Ratio Lower Upper  
131 100  
133 97.1 47.4 142.2  
119 65.8 33.1 99.3





#67

Ethyl Benzene

Concen: 52.538 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN059862.D

Acq: 27 Jan 2020 9:48

Instrument :

MSVOA\_N

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 526430

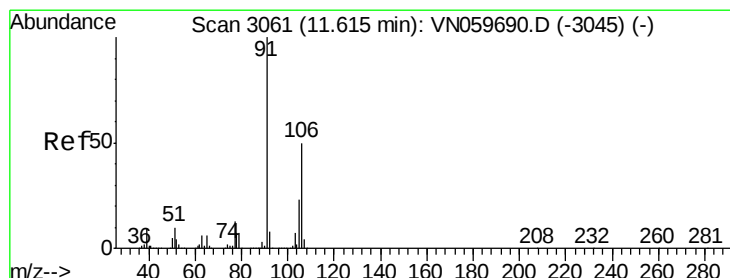
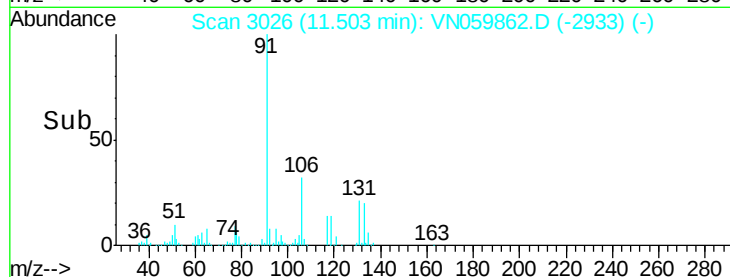
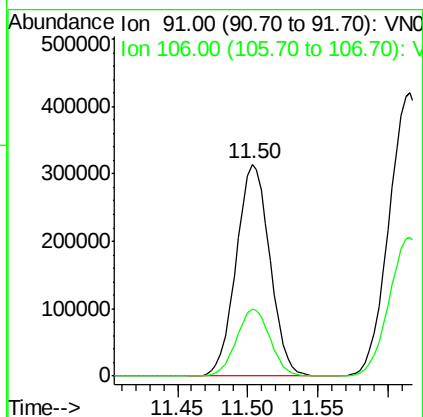
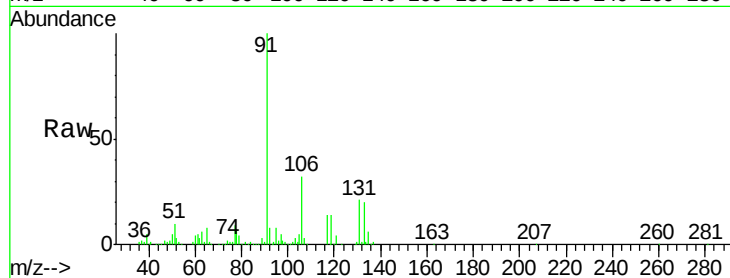
Ion Ratio Lower Upper

91 100

106 31.6 24.1 36.1

Manual Integrations  
APPROVED

MMDadoda  
1/28/2020 9:24:22 AM



#68

m/p-Xylenes

Concen: 105.846 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN059862.D

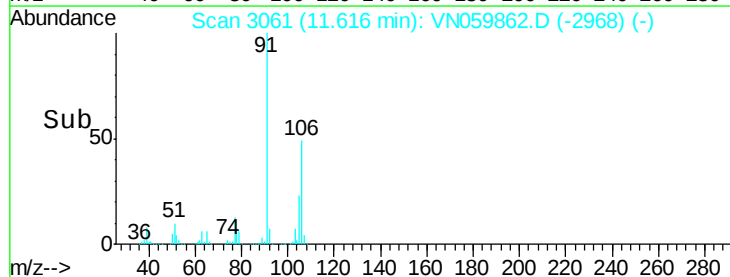
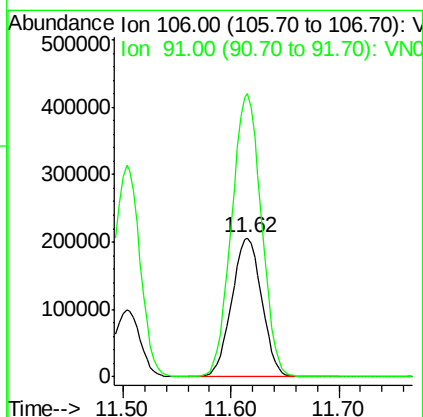
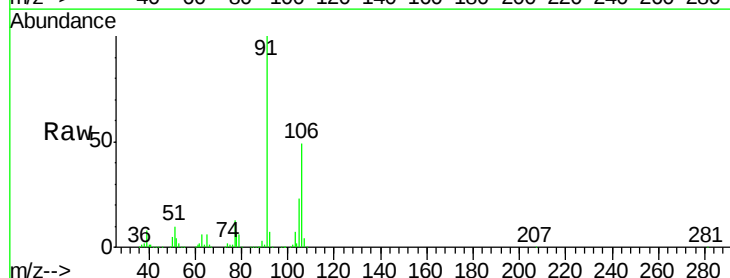
Acq: 27 Jan 2020 9:48

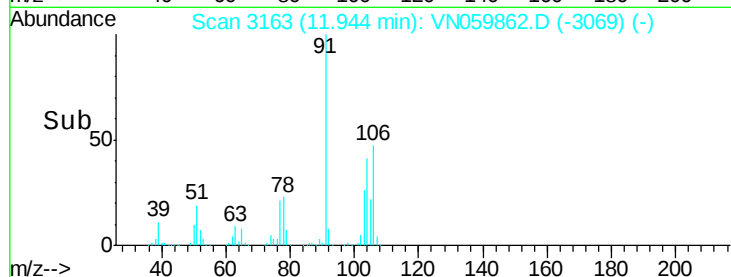
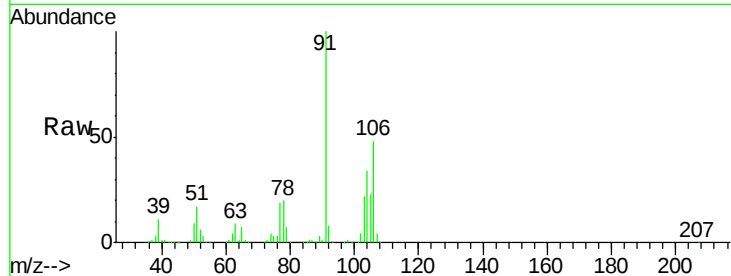
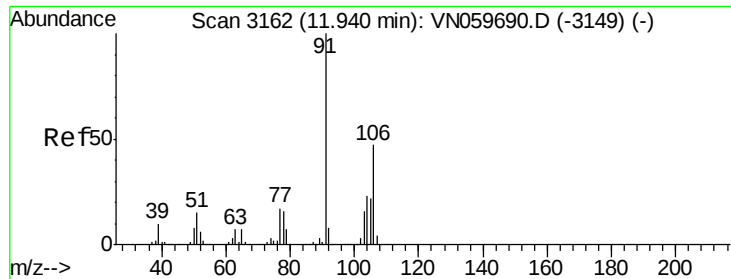
Tgt Ion: 106 Resp: 400623

Ion Ratio Lower Upper

106 100

91 201.9 167.9 251.9





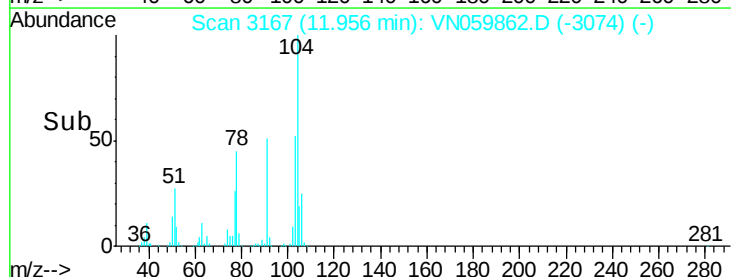
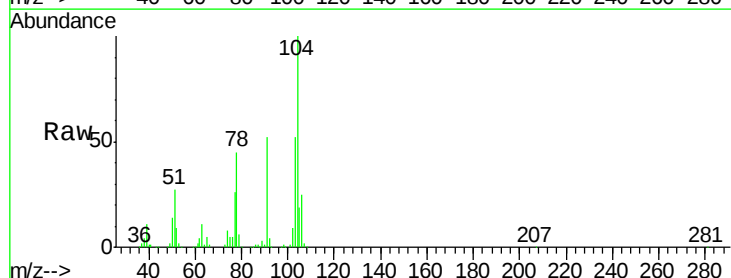
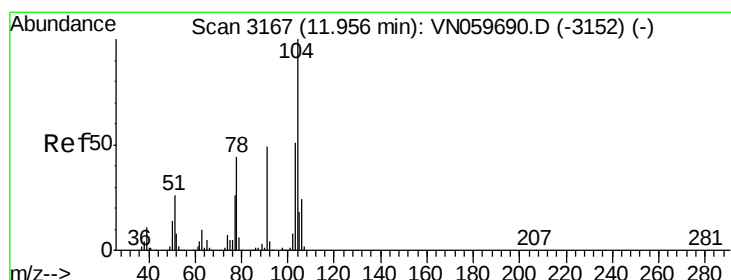
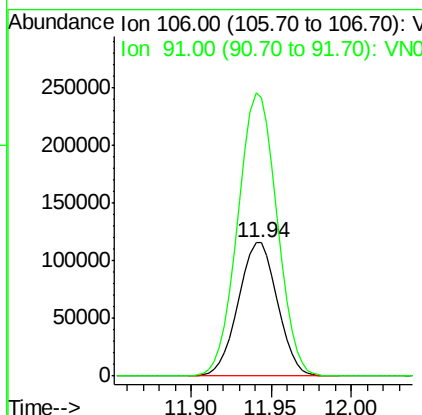
#69  
o-Xylene  
Concen: 52.195 ug/l  
RT: 11.94 min Scan# 3163  
Delta R.T. 0.00 min  
Lab File: VN059862.D  
Acq: 27 Jan 2020 9:48

Tot Ion:106 Resp: 193407  
Ion Ratio Lower Upper  
106 100  
91 211.6 110.3 330.9

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

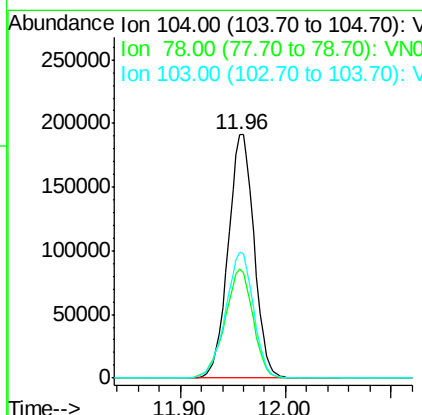
Manual Integrations  
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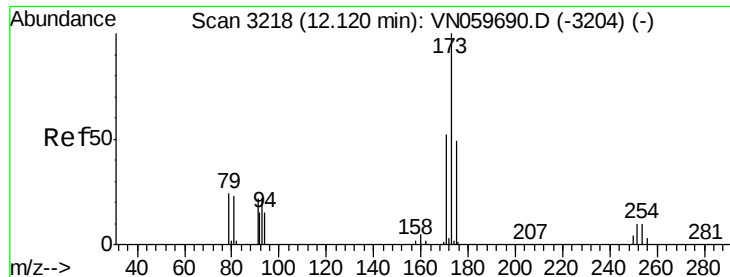
MMDadoda  
1/28/2020 9:24:22 AM



#70  
Styrene  
Concen: 52.262 ug/l  
RT: 11.96 min Scan# 3167  
Delta R.T. 0.00 min  
Lab File: VN059862.D  
Acq: 27 Jan 2020 9:48

Tgt Ion:104 Resp: 324057  
Ion Ratio Lower Upper  
104 100  
78 48.7 42.4 63.6  
103 55.6 43.9 65.9





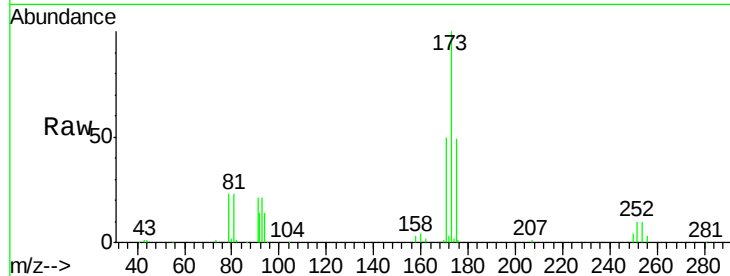
#71  
Bromoform  
Concen: 56.487 ug/l  
RT: 12.12 min Scan# 3219  
Delta R.T. 0.00 min  
Lab File: VN059862.D  
Acq: 27 Jan 2020 9:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

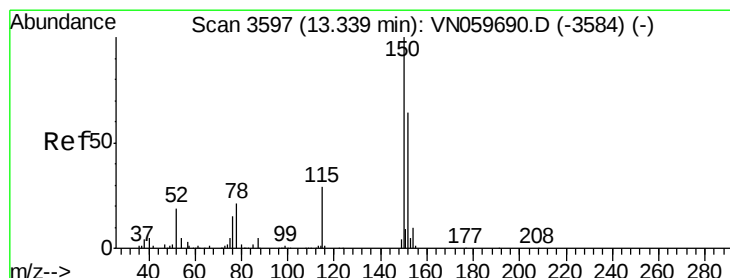
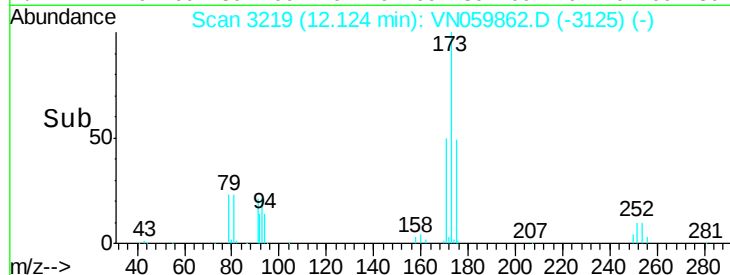
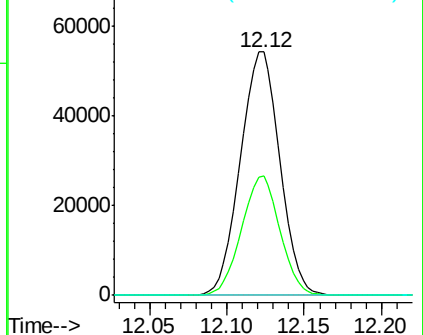
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 47.7  | 23.8  | 71.4  |
| 254     | 0.0   | 0.0   | 0.0   |

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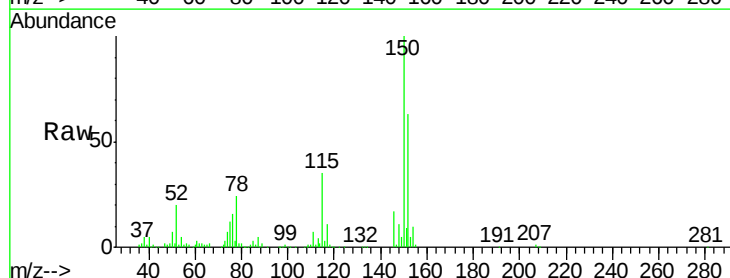


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

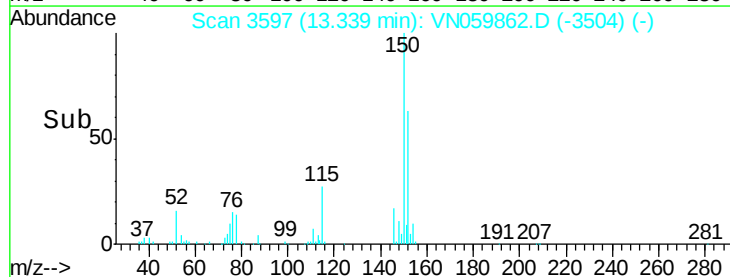
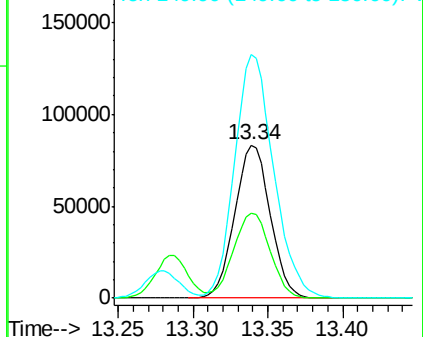


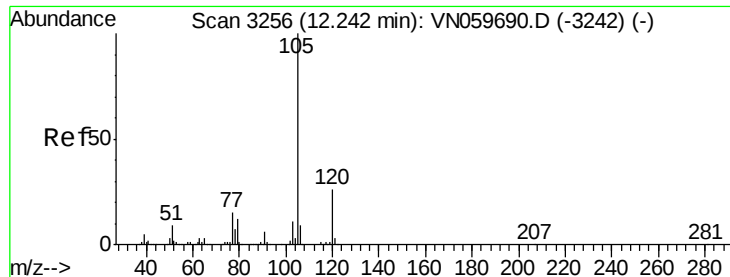
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.34 min Scan# 3597  
Delta R.T. 0.00 min  
Lab File: VN059862.D  
Acq: 27 Jan 2020 9:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 57.5  | 30.3  | 90.9  |
| 150     | 176.1 | 0.0   | 345.2 |



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: 52.245 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN059862.D

Acq: 27 Jan 2020 9:48

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 525742

Ion Ratio Lower Upper

105 100

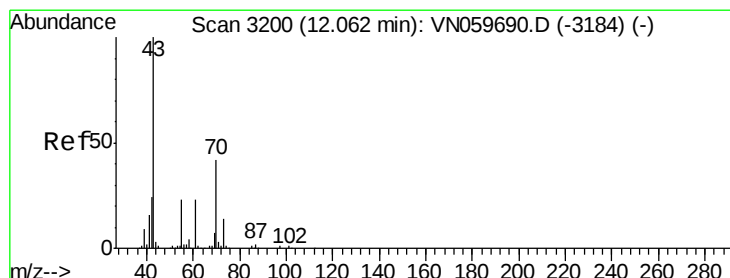
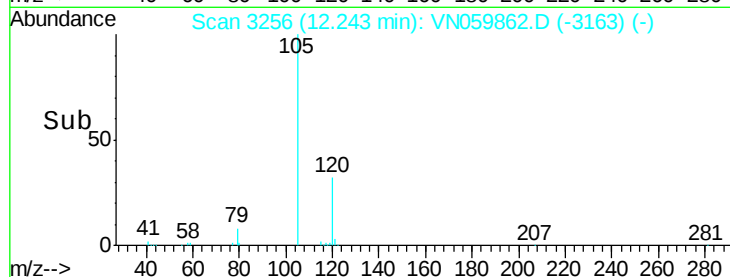
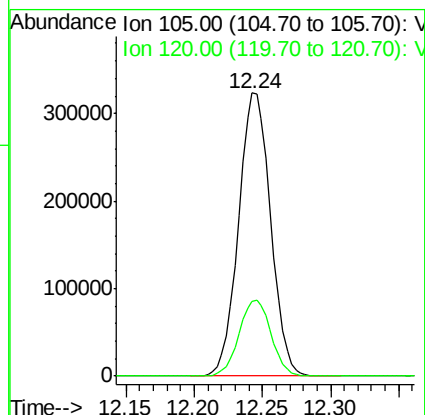
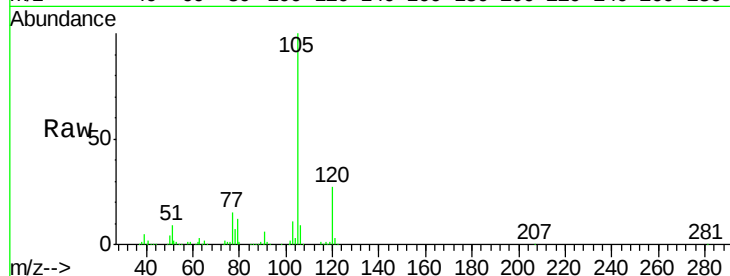
120 26.7 13.2 39.5

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#74

N-ethyl acetate

Concen: 47.744 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN059862.D

Acq: 27 Jan 2020 9:48

Tgt Ion: 43 Resp: 186430

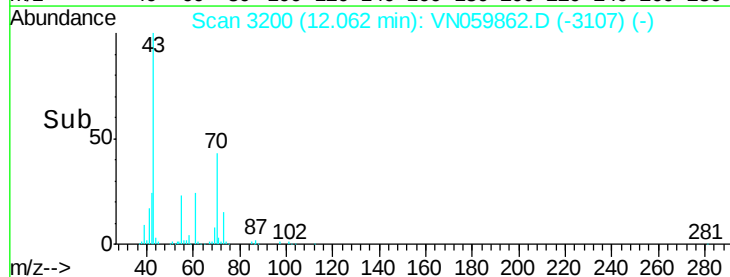
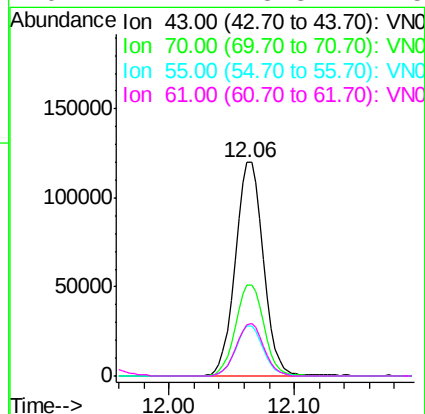
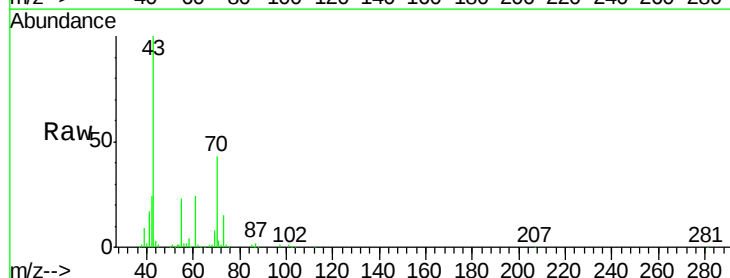
Ion Ratio Lower Upper

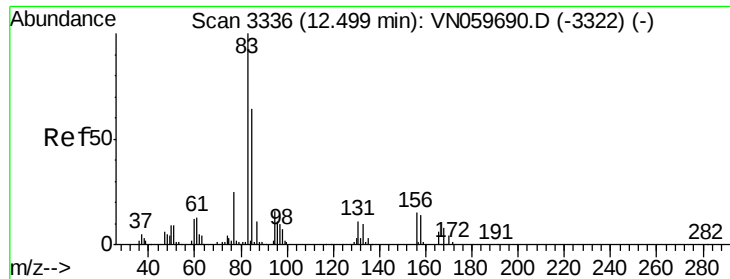
43 100

70 43.3 31.3 46.9

55 23.2 19.8 29.6

61 24.4 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 50.555 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059862.D

Acq: 27 Jan 2020 9:48

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 147482

Ion Ratio Lower Upper

83 100

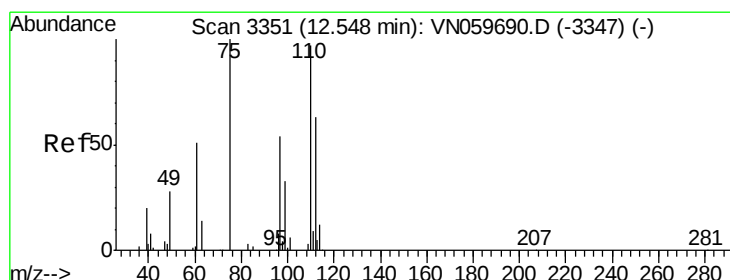
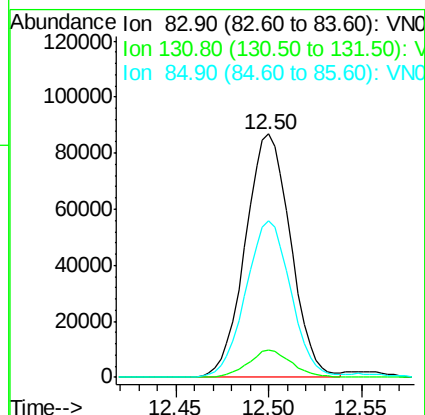
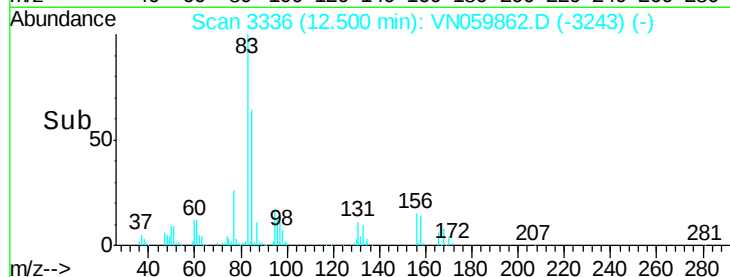
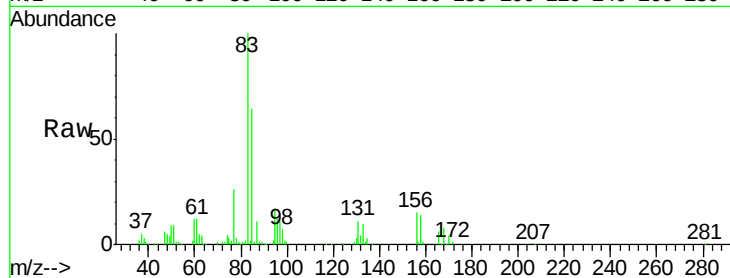
131 10.8 5.0 14.9

85 63.8 31.9 95.5

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#76

1,2,3-Trichloropropane

Concen: 53.801 ug/l m

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN059862.D

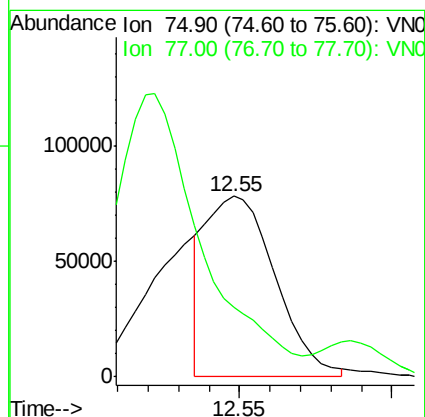
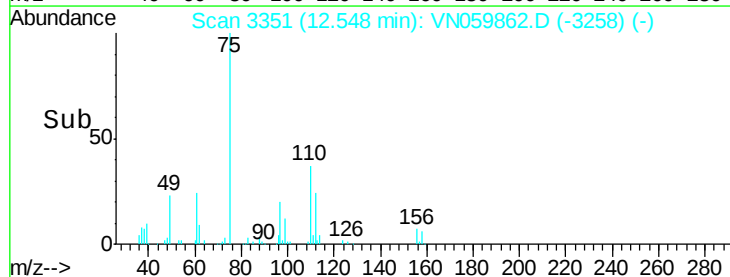
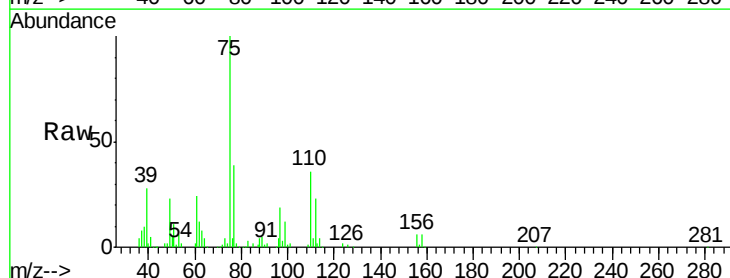
Acq: 27 Jan 2020 9:48

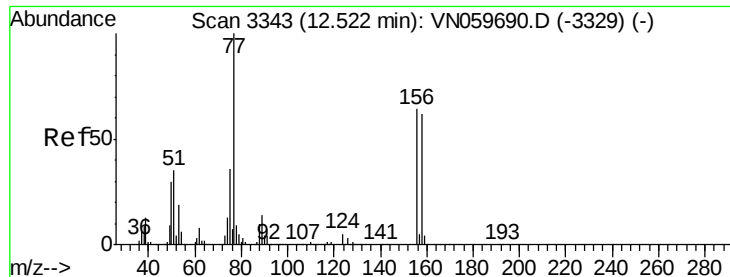
Tgt Ion: 75 Resp: 124234

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.948 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN059862.D

Acq: 27 Jan 2020 9:48

Instrument :

MSVOA\_N

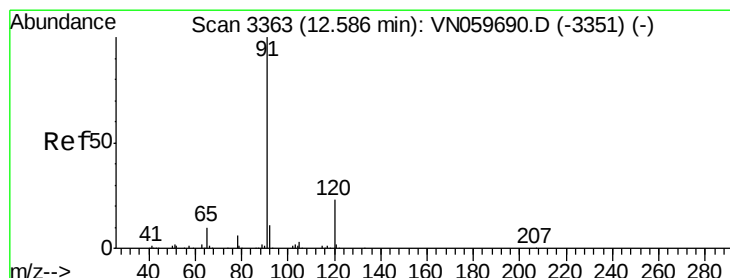
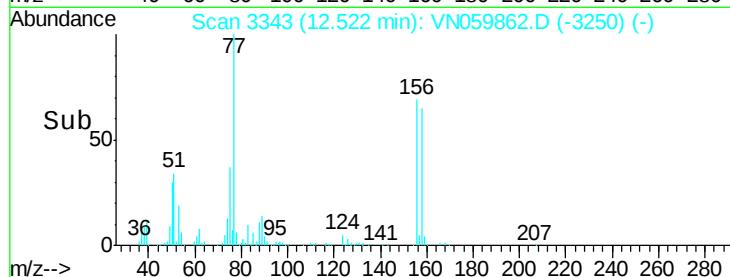
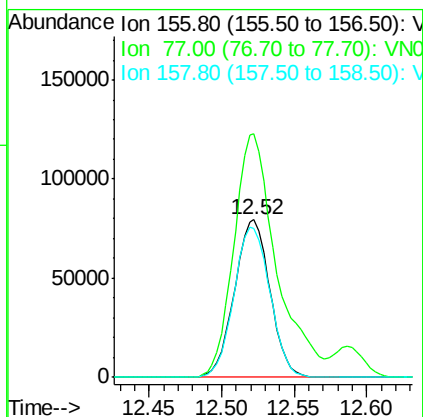
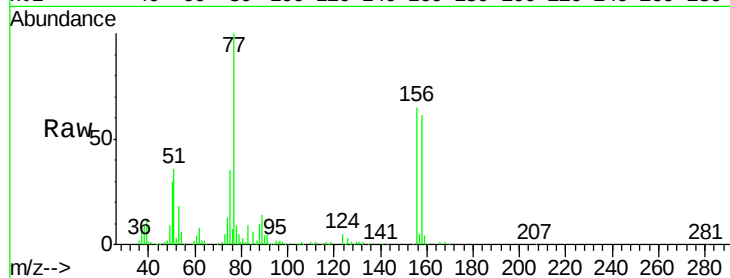
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 134931 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 186.0 | 115.8 | 347.4  |
| 158       | 97.1  | 49.2  | 147.6  |

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#78

n-propylbenzene

Concen: 52.970 ug/l

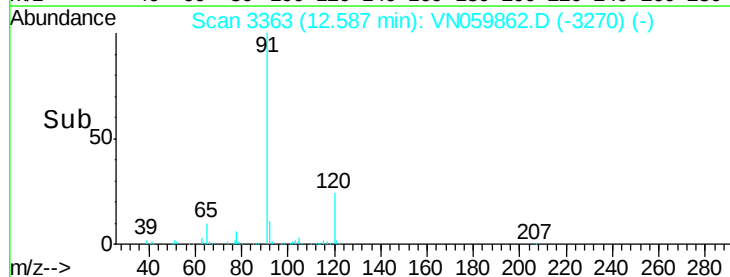
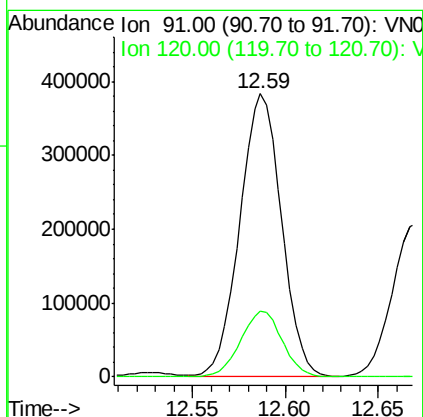
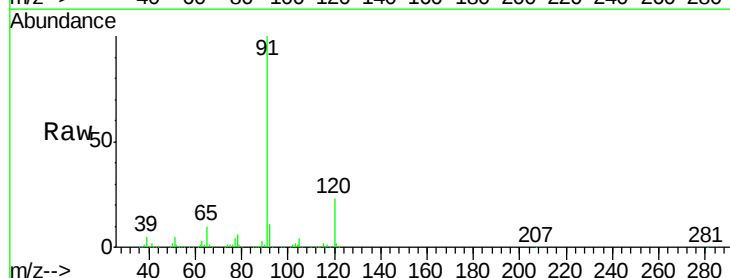
RT: 12.59 min Scan# 3363

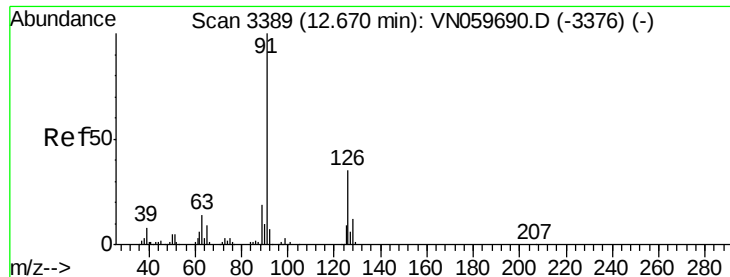
Delta R.T. 0.00 min

Lab File: VN059862.D

Acq: 27 Jan 2020 9:48

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 598284 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 23.3  | 11.1  | 33.3   |





#79

2-Chlorotoluene

Concen: 51.881 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN059862.D

Acq: 27 Jan 2020 9:48

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 348603

Ion Ratio Lower Upper

91 100

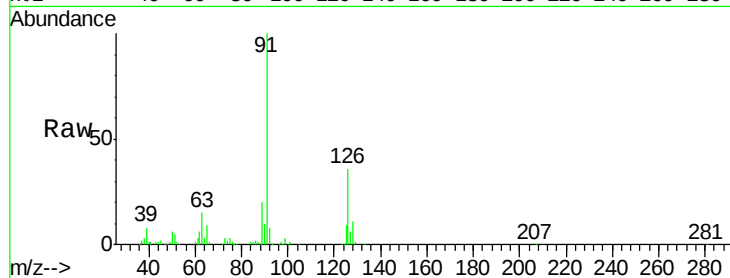
126 35.7 16.3 48.9

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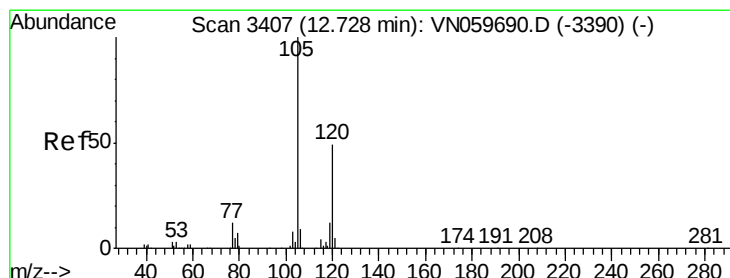
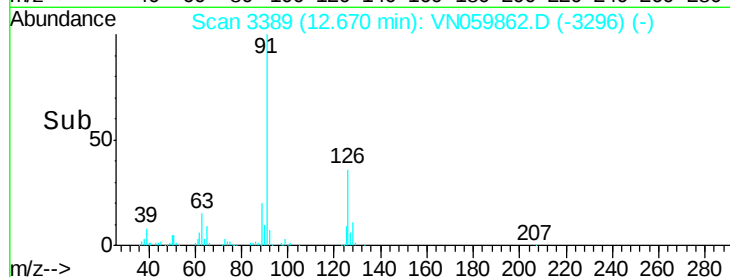
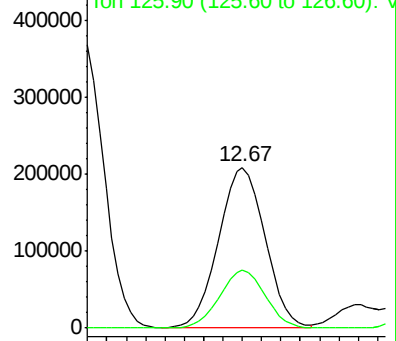
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Abundance Ion 91.00 (90.70 to 91.70): VN059862.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.333 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN059862.D

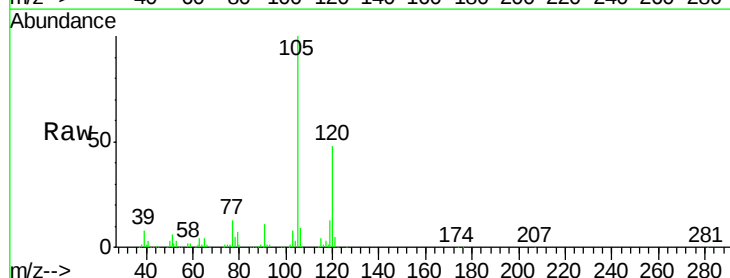
Acq: 27 Jan 2020 9:48

Tgt Ion: 105 Resp: 442891

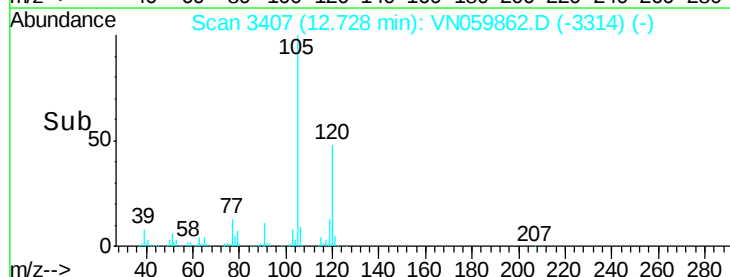
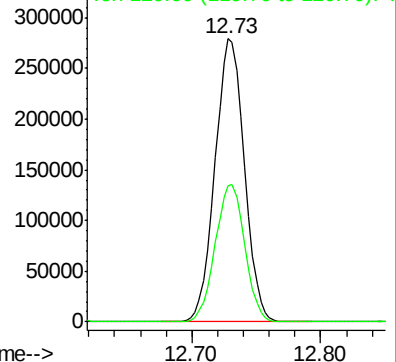
Ion Ratio Lower Upper

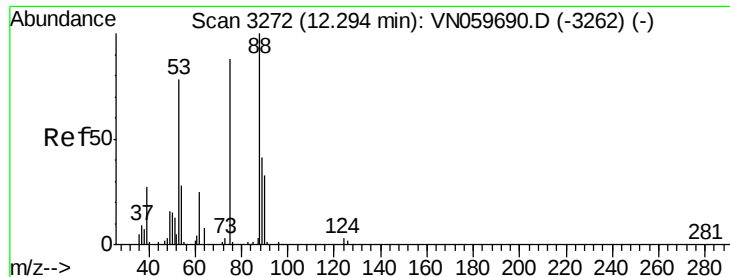
105 100

120 48.9 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN059862.D (-3390) (-)





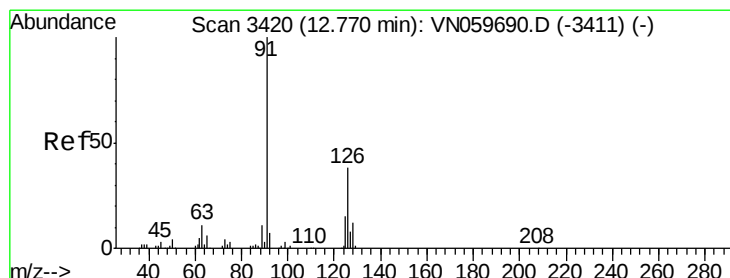
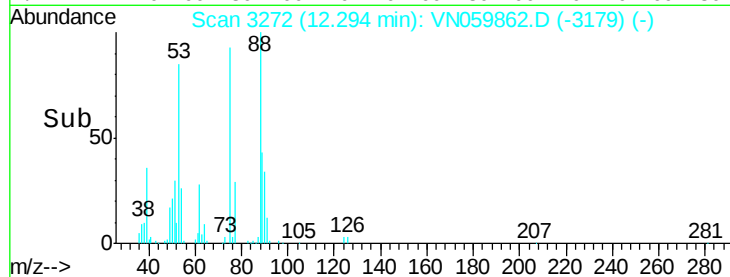
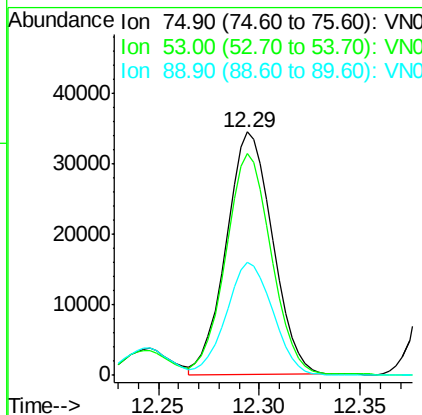
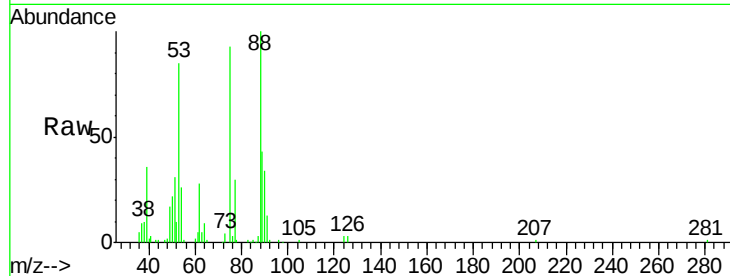
#81  
trans-1,4-Dichloro-2-butene  
Concen: 51.614 ug/l  
RT: 12.29 min Scan# 3272  
Delta R.T. 0.00 min  
Lab File: VN059862.D  
Acq: 27 Jan 2020 9:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 90.4  | 78.1  | 117.1 |
| 89      | 46.8  | 35.4  | 53.2  |

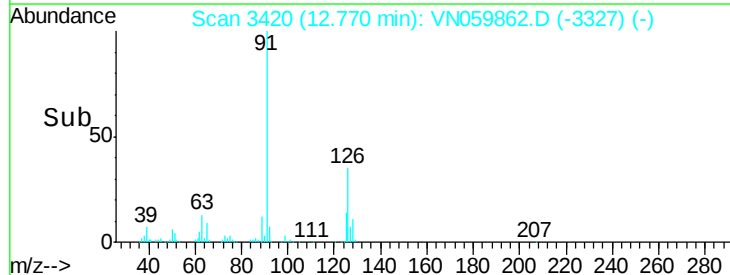
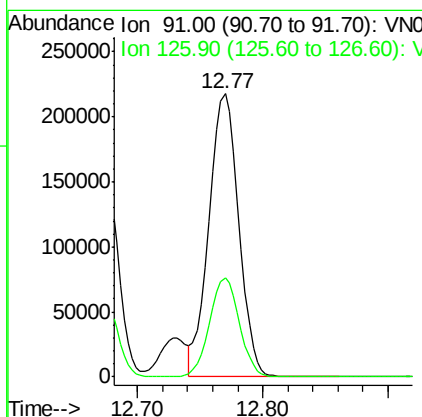
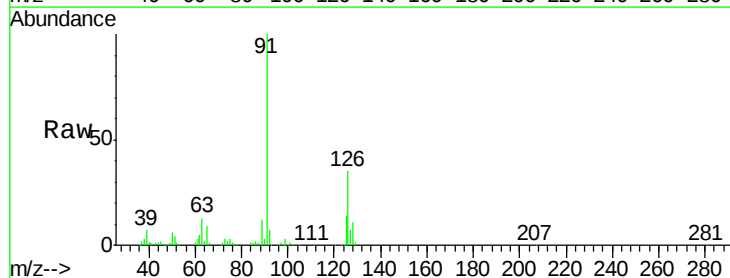
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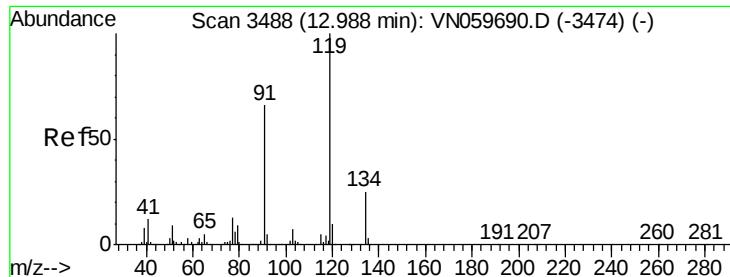
MMDadoda  
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#82  
4-Chlorotoluene  
Concen: 53.174 ug/l  
RT: 12.77 min Scan# 3420  
Delta R.T. 0.00 min  
Lab File: VN059862.D  
Acq: 27 Jan 2020 9:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 35.0  | 16.3  | 48.8  |





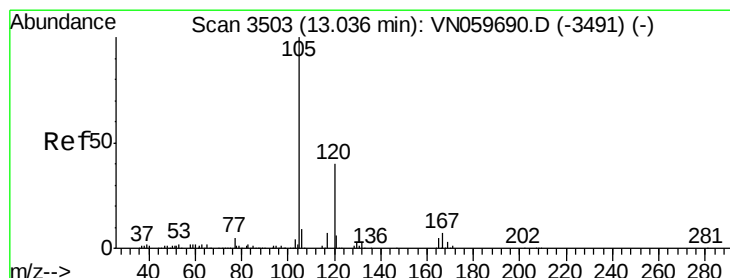
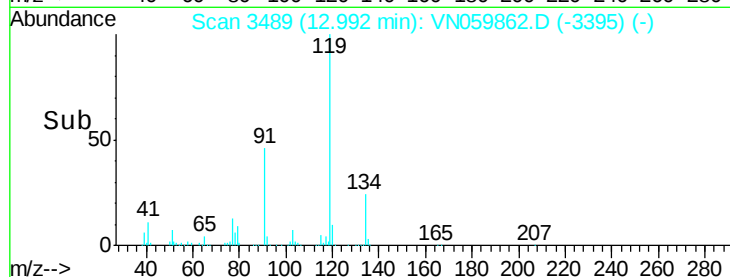
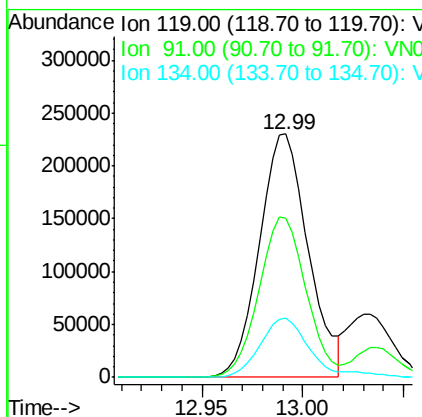
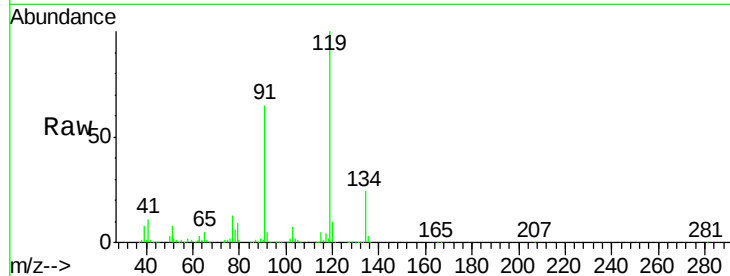
#83  
tert-Butylbenzene  
Concen: 52.966 ug/l  
RT: 12.99 min Scan# 3489  
Delta R.T. 0.00 min  
Lab File: VN059862.D  
Acq: 27 Jan 2020 9:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 63.5  | 34.8  | 104.4 |
| 134     | 25.0  | 12.3  | 36.9  |

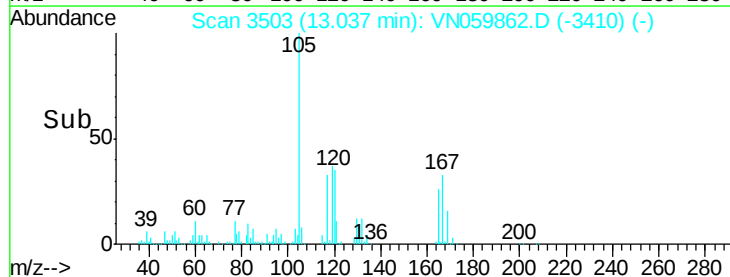
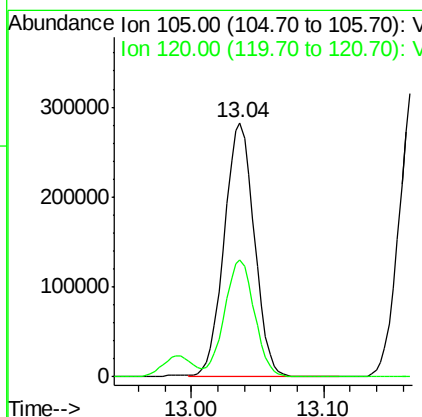
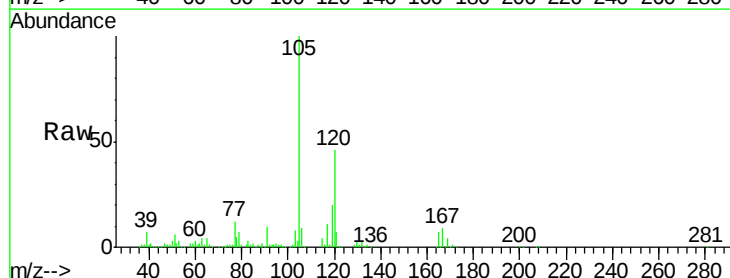
Manual Integrations  
APPROVED

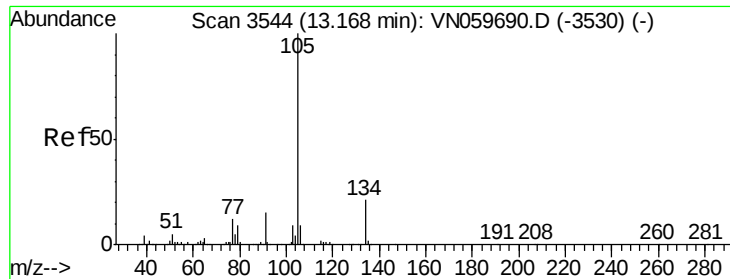
MMDadoda  
1/28/2020 9:24:22 AM



#84  
1,2,4-Trimethylbenzene  
Concen: 53.133 ug/l  
RT: 13.04 min Scan# 3503  
Delta R.T. 0.00 min  
Lab File: VN059862.D  
Acq: 27 Jan 2020 9:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 45.8  | 22.3  | 66.9  |





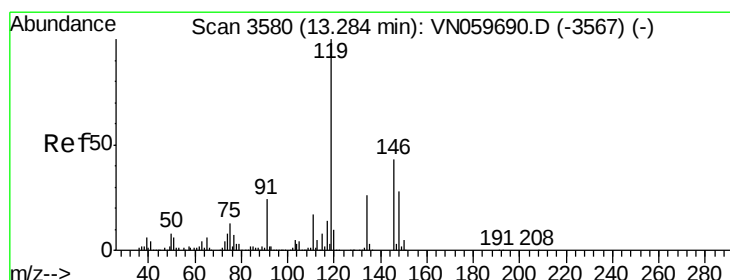
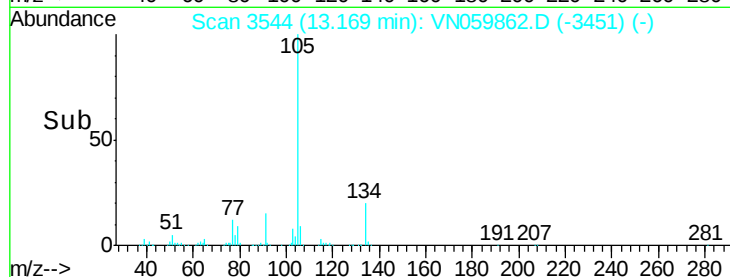
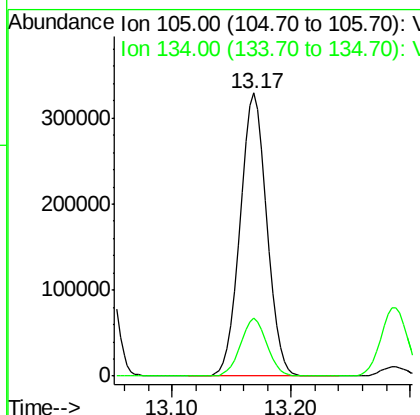
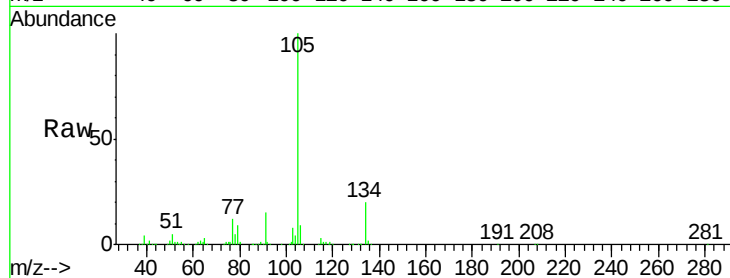
#85  
 sec-Butylbenzene  
 Concen: 53.070 ug/l  
 RT: 13.17 min Scan# 3544  
 Delta R.T. 0.00 min  
 Lab File: VN059862.D  
 Acq: 27 Jan 2020 9:48

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 510359 |       |       |
| 134     | 20.2  | 9.8    | 29.5  |       |

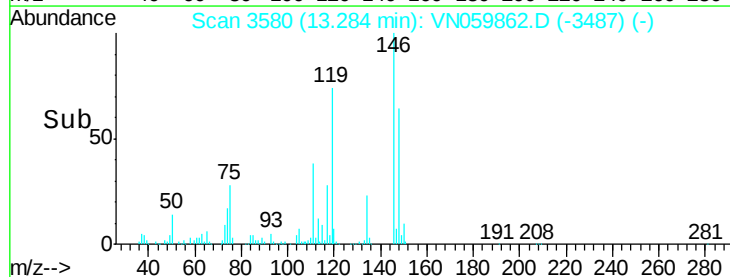
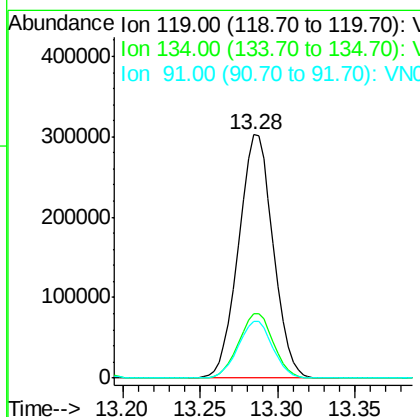
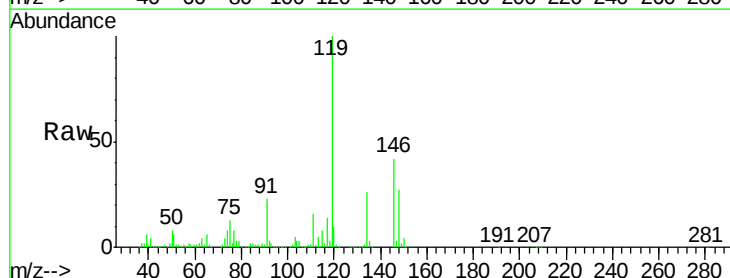
Manual Integrations  
 APPROVED

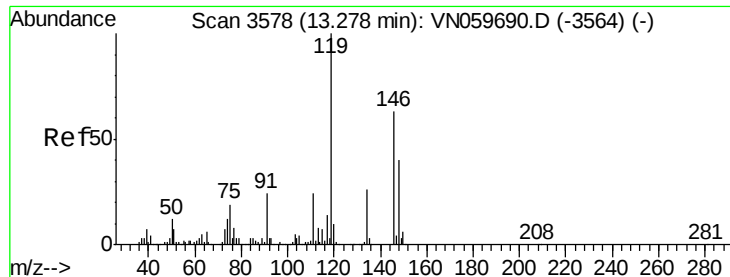
MMDadoda  
 1/28/2020 9:24:22 AM



#86  
 p-Isopropyltoluene  
 Concen: 52.739 ug/l  
 RT: 13.28 min Scan# 3580  
 Delta R.T. 0.00 min  
 Lab File: VN059862.D  
 Acq: 27 Jan 2020 9:48

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 469284 |       |       |
| 134     | 26.6  | 12.9   | 38.7  |       |
| 91      | 23.3  | 12.4   | 37.4  |       |





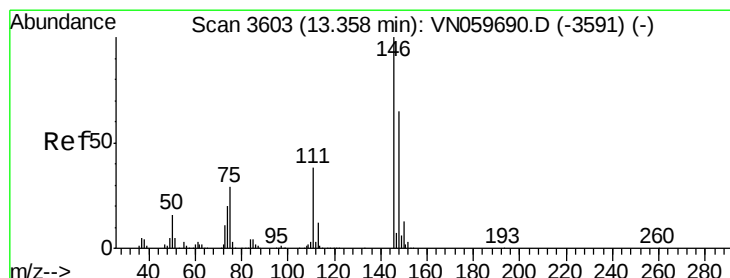
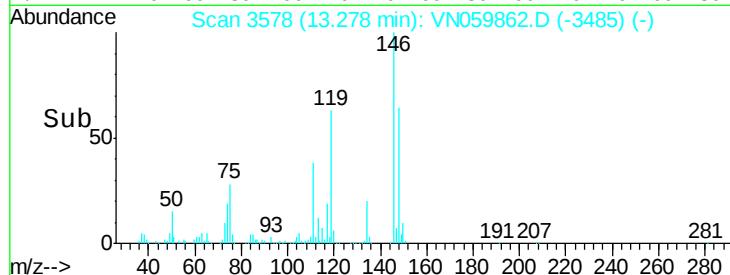
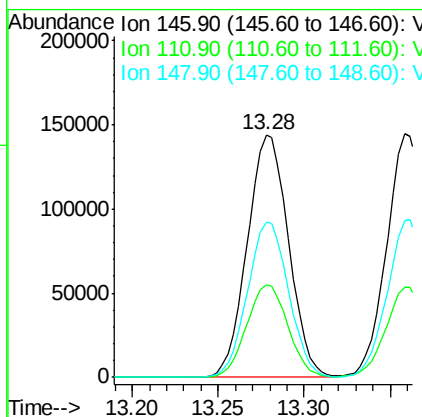
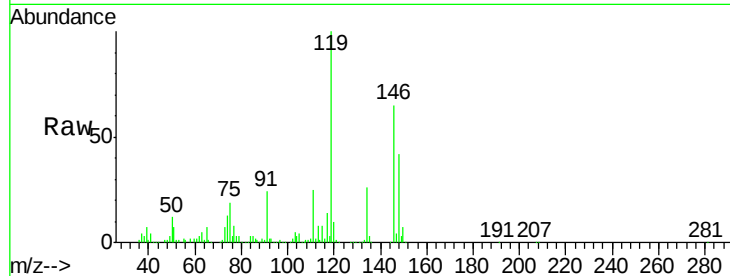
#87  
 1,3-Dichlorobenzene  
 Concen: 54.190 ug/l  
 RT: 13.28 min Scan# 3578  
 Delta R.T. 0.00 min  
 Lab File: VN059862.D  
 Acq: 27 Jan 2020 9:48

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.2  | 20.8  | 62.2  |
| 148     | 63.9  | 32.0  | 96.0  |

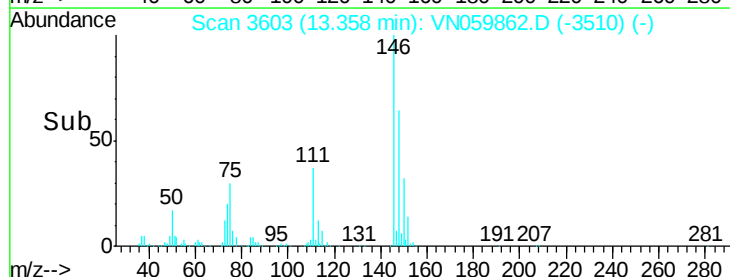
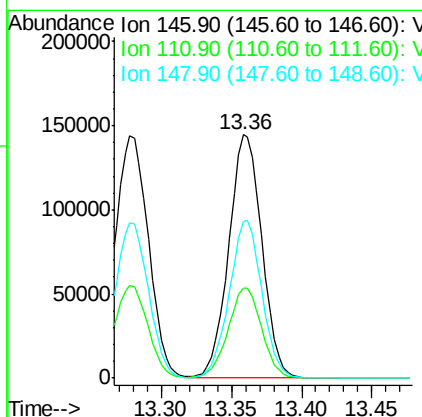
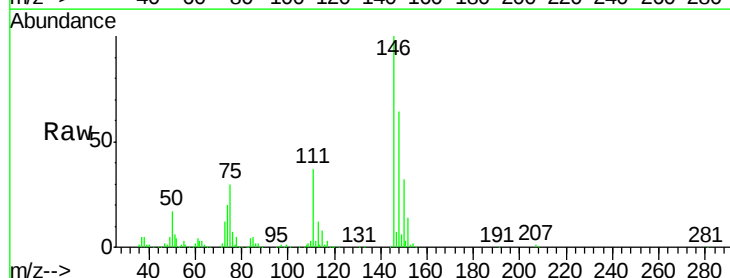
Manual Integrations  
 APPROVED

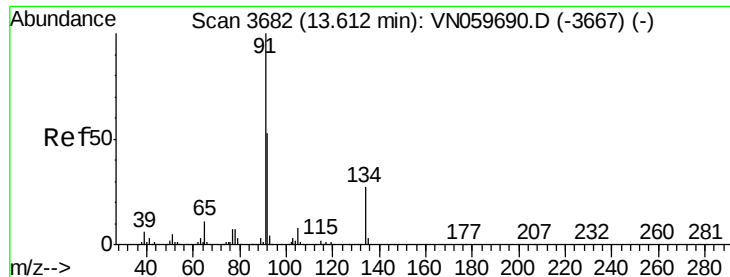
MMDadoda  
 1/28/2020 9:24:22 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 53.824 ug/l  
 RT: 13.36 min Scan# 3603  
 Delta R.T. 0.00 min  
 Lab File: VN059862.D  
 Acq: 27 Jan 2020 9:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.4  | 20.8  | 62.2  |
| 148     | 63.9  | 31.8  | 95.4  |





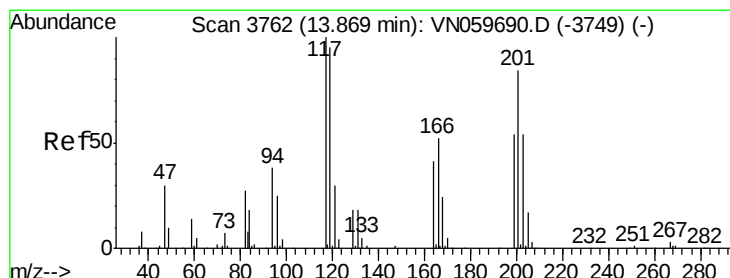
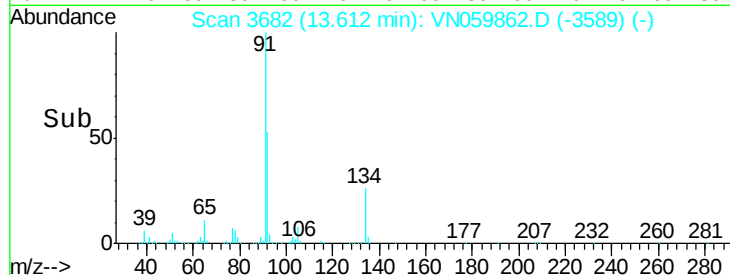
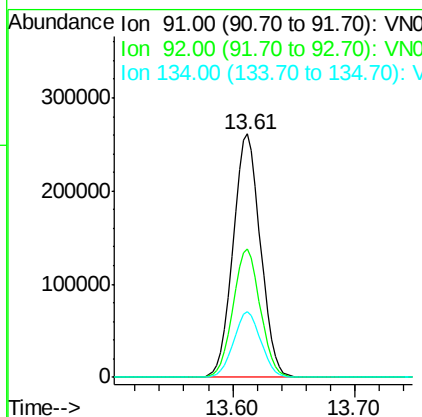
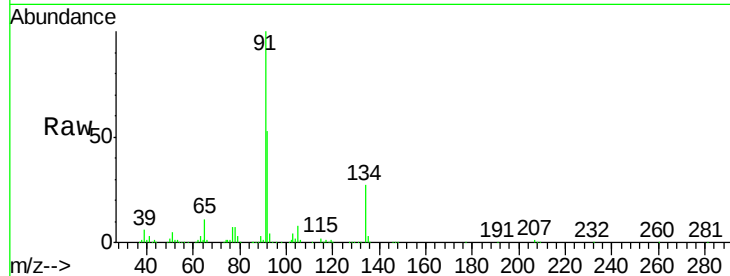
#89  
n-Butylbenzene  
Concen: 53.575 ug/l  
RT: 13.61 min Scan# 3682  
Delta R.T. 0.00 min  
Lab File: VN059862.D  
Acq: 27 Jan 2020 9:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.5  | 25.9  | 77.7  |
| 134     | 26.9  | 12.3  | 36.8  |

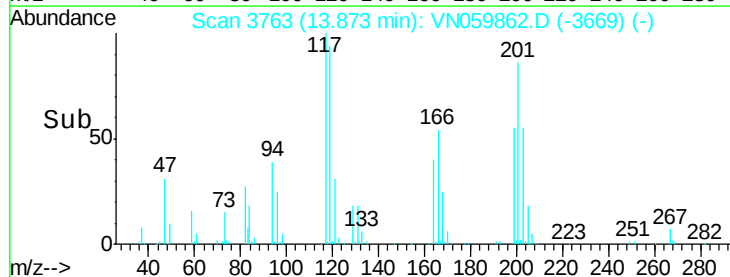
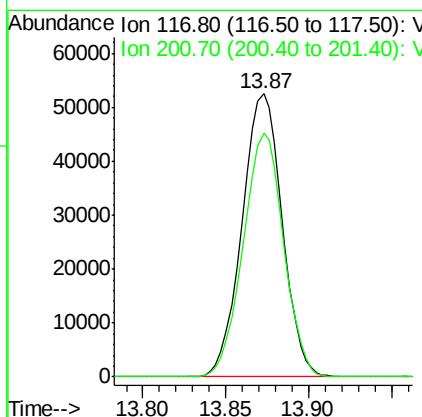
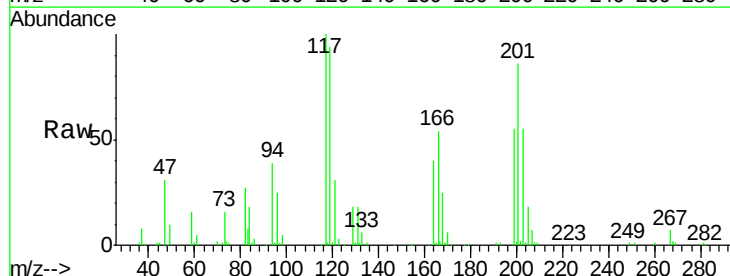
Manual Integrations  
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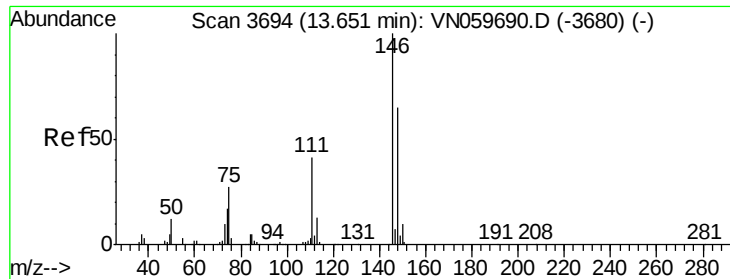
MMDadoda  
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#90  
Hexachloroethane  
Concen: 53.025 ug/l  
RT: 13.87 min Scan# 3763  
Delta R.T. 0.00 min  
Lab File: VN059862.D  
Acq: 27 Jan 2020 9:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 86.8  | 37.8  | 113.4 |





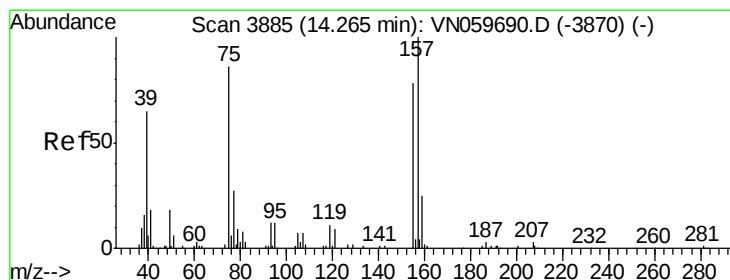
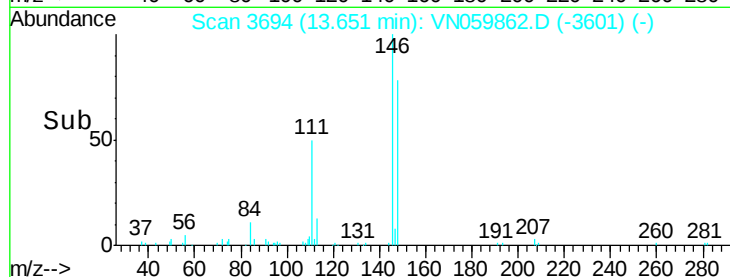
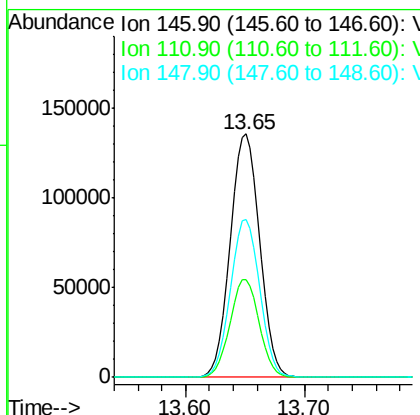
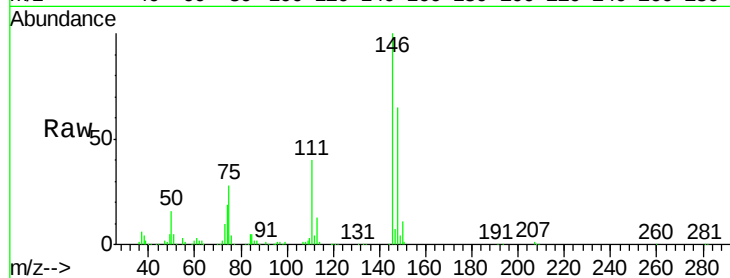
#91  
 1,2-Dichlorobenzene  
 Concen: 53.268 ug/l  
 RT: 13.65 min Scan# 3694  
 Delta R.T. 0.00 min  
 Lab File: VN059862.D  
 Acq: 27 Jan 2020 9:48

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 233112 |       |       |
| 111     | 39.8  | 21.6   | 64.8  |       |
| 148     | 64.5  | 31.6   | 95.0  |       |

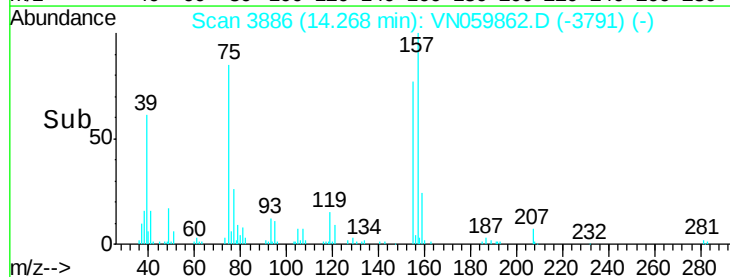
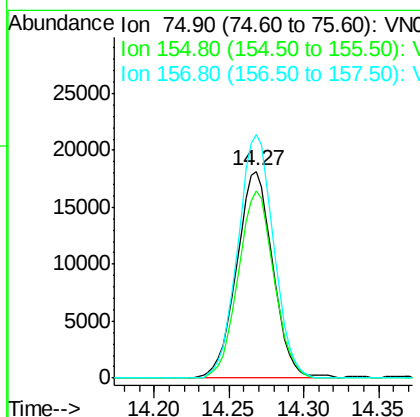
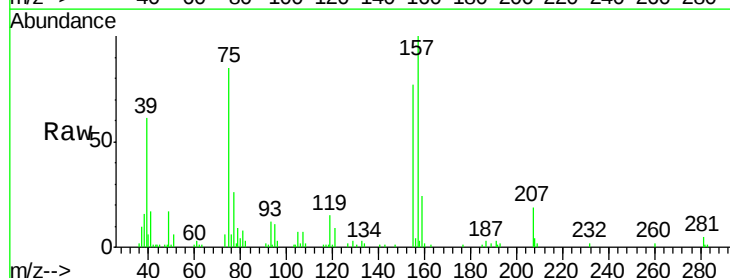
Manual Integrations  
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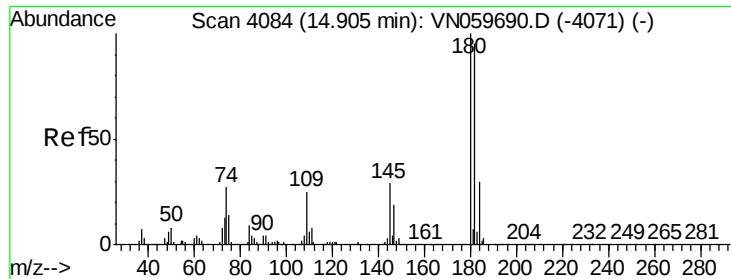
MMDadoda  
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 48.760 ug/l  
 RT: 14.27 min Scan# 3886  
 Delta R.T. 0.00 min  
 Lab File: VN059862.D  
 Acq: 27 Jan 2020 9:48

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 30564 |       |       |
| 155     | 89.2  | 37.0  | 110.9 |       |
| 157     | 116.4 | 48.4  | 145.2 |       |





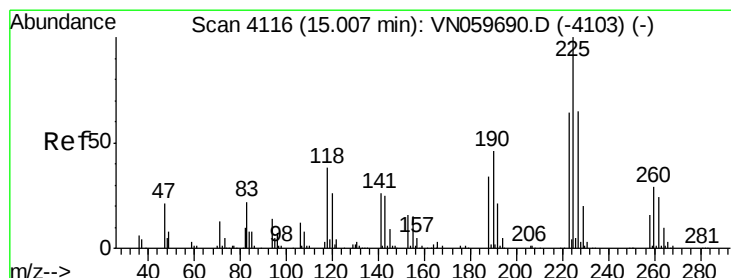
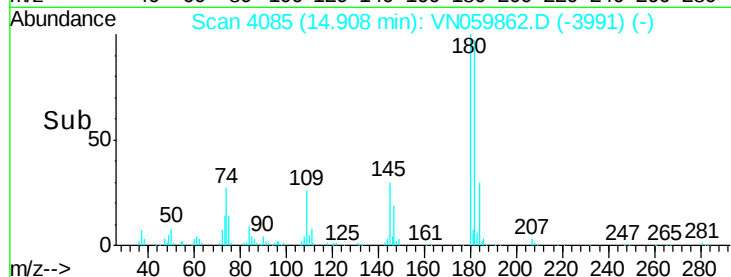
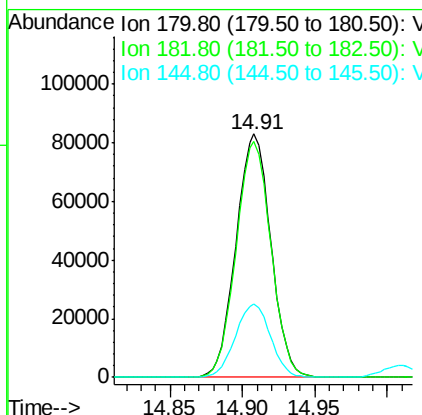
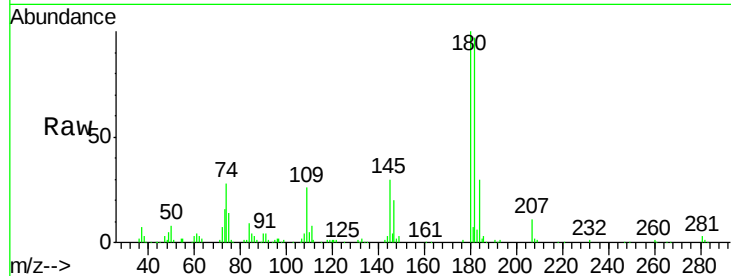
#93  
 1,2,4-Trichlorobenzene  
 Concen: 52.631 ug/l  
 RT: 14.91 min Scan# 4085  
 Delta R.T. 0.00 min  
 Lab File: VN059862.D  
 Acq: 27 Jan 2020 9:48

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 138398 |       |       |
| 182     | 96.9  | 46.9   | 140.7 |       |
| 145     | 30.5  | 15.0   | 45.1  |       |

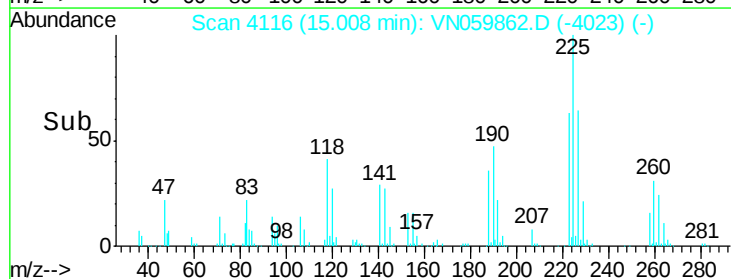
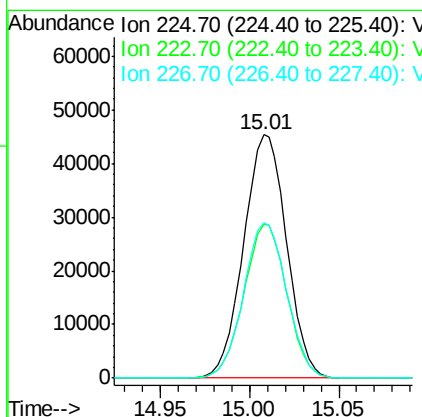
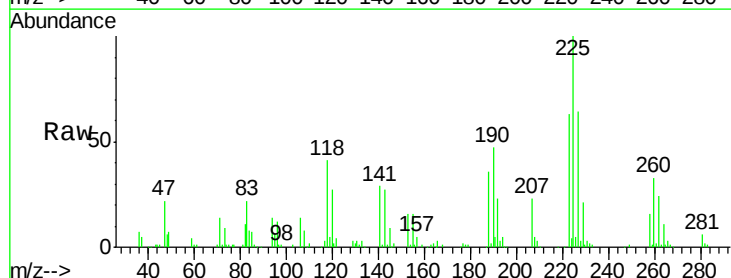
Manual Integrations  
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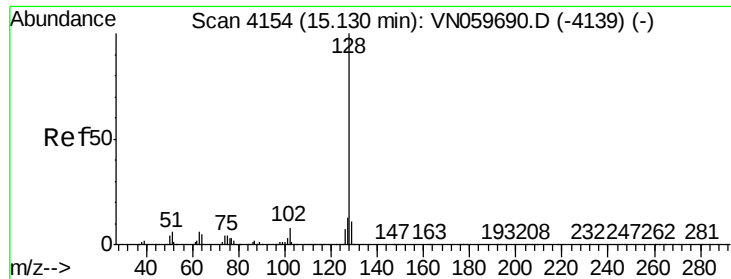
MMDadoda  
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#94  
 Hexachlorobutadiene  
 Concen: 52.726 ug/l  
 RT: 15.01 min Scan# 4116  
 Delta R.T. 0.00 min  
 Lab File: VN059862.D  
 Acq: 27 Jan 2020 9:48

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 76404 |       |       |
| 223     | 63.1  | 31.8  | 95.3  |       |
| 227     | 64.2  | 32.1  | 96.5  |       |





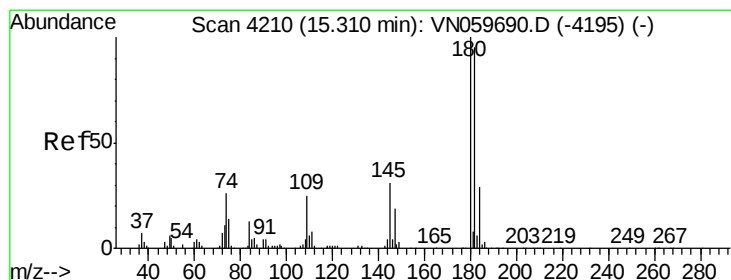
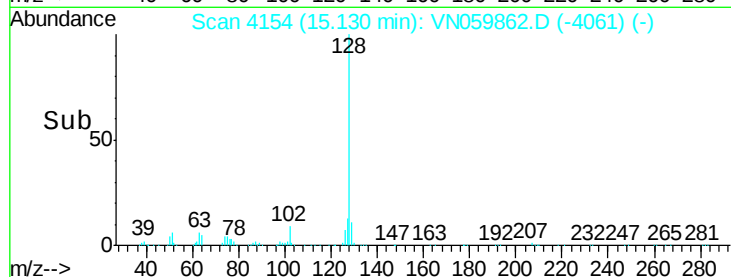
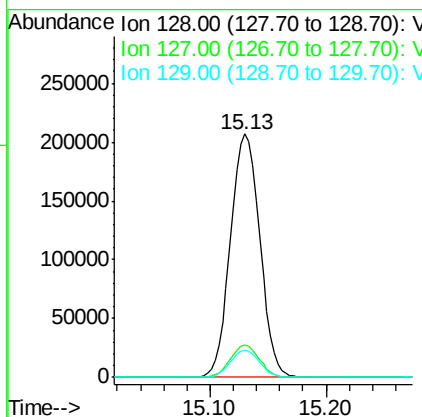
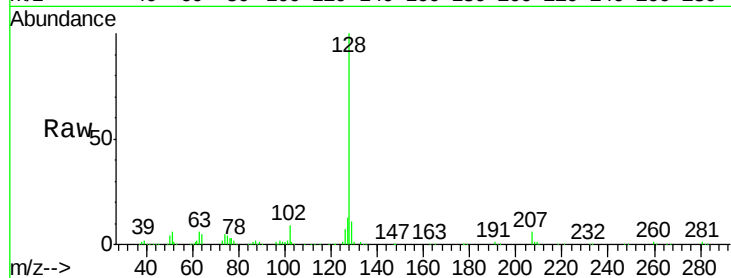
#95  
Naphthalene  
Concen: 48.672 ug/l  
RT: 15.13 min Scan# 4154  
Delta R.T. 0.00 min  
Lab File: VN059862.D  
Acq: 27 Jan 2020 9:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.0  | 10.4  | 15.6  |
| 129     | 10.8  | 8.6   | 12.8  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 51.669 ug/l  
RT: 15.31 min Scan# 4211  
Delta R.T. 0.00 min  
Lab File: VN059862.D  
Acq: 27 Jan 2020 9:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.4  | 47.4  | 142.3 |
| 145     | 31.6  | 16.3  | 48.9  |

