

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092520\  
 Data File : VN063676.D  
 Acq On : 25 Sep 2020 14:19  
 Operator : JC/MD  
 Sample : VN0925WBS01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0925WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 9/29/2020 10:40:37 AM

Quant Time: Sep 28 02:14:29 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N091620W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 16 13:05:20 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.63  | 168  | 275586   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 464741   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 435758   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 207930   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 7.99   | 65  | 229890   | 49.00 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.00%  |      |
| 35) Dibromofluoromethane  | 7.55   | 113 | 161948   | 50.34 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.68% |      |
| 50) Toluene-d8            | 10.06  | 98  | 597415   | 49.38 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.76%  |      |
| 62) 4-Bromofluorobenzene  | 12.38  | 95  | 222565   | 50.19 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.38% |      |

## Target Compounds

|                               |      |     |        |        |        | Qvalue |
|-------------------------------|------|-----|--------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 56874  | 18.216 | ug/l   | 98     |
| 3) Chloromethane              | 2.04 | 50  | 70779  | 17.137 | ug/l   | 96     |
| 4) Vinyl Chloride             | 2.17 | 62  | 68565  | 18.737 | ug/l   | 96     |
| 5) Bromomethane               | 2.54 | 94  | 46160  | 21.245 | ug/l   | 99     |
| 6) Chloroethane               | 2.68 | 64  | 41703  | 18.566 | ug/l   | 98     |
| 7) Trichlorofluoromethane     | 2.99 | 101 | 110076 | 20.162 | ug/l   | 99     |
| 8) Diethyl Ether              | 3.38 | 74  | 38988  | 18.319 | ug/l   | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.72 | 101 | 59376  | 19.338 | ug/l   | 97     |
| 10) Methyl Iodide             | 3.91 | 142 | 69792  | 17.459 | ug/l   | 97     |
| 11) Tert butyl alcohol        | 4.73 | 59  | 54370  | 83.659 | ug/l   | 98     |
| 12) 1,1-Dichloroethene        | 3.70 | 96  | 55808  | 17.945 | ug/l   | 96     |
| 13) Acrolein                  | 3.57 | 56  | 15682  | 65.113 | ug/l   | 100    |
| 14) Allyl chloride            | 4.28 | 41  | 107474 | 17.471 | ug/l   | 96     |
| 15) Acrylonitrile             | 4.93 | 53  | 156731 | 94.809 | ug/l   | 99     |
| 16) Acetone                   | 3.77 | 43  | 145667 | 96.617 | ug/l   | 99     |
| 17) Carbon Disulfide          | 4.02 | 76  | 147806 | 16.339 | ug/l   | 98     |
| 18) Methyl Acetate            | 4.28 | 43  | 80598  | 21.058 | ug/l # | 75     |
| 19) Methyl tert-butyl Ether   | 4.99 | 73  | 214933 | 18.543 | ug/l   | 99     |
| 20) Methylene Chloride        | 4.51 | 84  | 71063  | 18.603 | ug/l   | 94     |
| 21) trans-1,2-Dichloroethene  | 4.99 | 96  | 62519  | 18.145 | ug/l   | 93     |
| 22) Diisopropyl ether         | 5.90 | 45  | 232891 | 18.563 | ug/l   | 94     |
| 23) Vinyl Acetate             | 5.85 | 43  | 952565 | 92.449 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 5.80 | 63  | 128122 | 18.705 | ug/l   | 98     |
| 25) 2-Butanone                | 6.78 | 43  | 219936 | 94.850 | ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 6.78 | 77  | 113496 | 18.820 | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 6.78 | 96  | 74281  | 19.047 | ug/l   | 98     |
| 28) Bromochloromethane        | 7.15 | 49  | 66548  | 21.042 | ug/l   | 97     |
| 29) Tetrahydrofuran           | 7.17 | 42  | 141162 | 89.136 | ug/l   | 99     |
| 30) Chloroform                | 7.33 | 83  | 133953 | 19.492 | ug/l   | 100    |
| 31) Cyclohexane               | 7.61 | 56  | 106415 | 16.424 | ug/l   | 94     |
| 32) 1,1,1-Trichloroethane     | 7.53 | 97  | 120183 | 19.663 | ug/l   | 98     |
| 36) 1,1-Dichloropropene       | 7.75 | 75  | 93781  | 18.941 | ug/l   | 99     |
| 37) Ethyl Acetate             | 6.89 | 43  | 92862  | 19.110 | ug/l   | 99     |
| 38) Carbon Tetrachloride      | 7.74 | 117 | 99089  | 19.605 | ug/l   | 97     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092520\  
 Data File : VN063676.D  
 Acq On : 25 Sep 2020 14:19  
 Operator : JC/MD  
 Sample : VN0925WBS01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleID :  
 VN0925WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 9/29/2020 10:40:37 AM

Quant Time: Sep 28 02:14:29 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N091620W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 16 13:05:20 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.05  | 83   | 92785    | 17.267  | ug/l   | 97       |
| 40) Benzene                    | 8.00  | 78   | 276467   | 19.561  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.13  | 41   | 39091m   | 17.886  | ug/l   |          |
| 42) 1,2-Dichloroethane         | 8.09  | 62   | 116527   | 20.501  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 8.13  | 43   | 162861   | 18.743  | ug/l   | 99       |
| 44) Trichloroethene            | 8.80  | 130  | 70093    | 20.447  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 9.08  | 63   | 76887    | 19.974  | ug/l   | 96       |
| 46) Dibromomethane             | 9.18  | 93   | 51972    | 20.542  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.37  | 83   | 106438   | 20.250  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.17  | 41   | 81538    | 19.100  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.17  | 88   | 21639    | 353.219 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43   | 487428   | 100.203 | ug/l   | 100      |
| 52) Toluene                    | 10.12 | 92   | 170653   | 20.082  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene      | 10.35 | 75   | 112851   | 19.232  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.81  | 75   | 121803   | 19.679  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.53 | 97   | 71392    | 21.151  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.40 | 69   | 101533   | 19.269  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.68 | 76   | 120759   | 19.839  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.66  | 63   | 270709   | 97.936  | ug/l   | 98       |
| 59) 2-Hexanone                 | 10.72 | 43   | 355889   | 100.986 | ug/l   | 100      |
| 60) Dibromochloromethane       | 10.87 | 129  | 77192    | 20.243  | ug/l   | 97       |
| 61) 1,2-Dibromoethane          | 10.98 | 107  | 71807    | 20.477  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.60 | 164  | 64059    | 21.589  | ug/l   | 98       |
| 65) Chlorobenzene              | 11.41 | 112  | 181736   | 19.647  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.48 | 131  | 70683    | 20.846  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.48 | 91   | 330976   | 19.000  | ug/l   | 98       |
| 68) m/p-Xylenes                | 11.60 | 106  | 246710   | 39.282  | ug/l   | 97       |
| 69) o-Xylene                   | 11.92 | 106  | 114913   | 19.207  | ug/l   | 99       |
| 70) Styrene                    | 11.94 | 104  | 199553   | 19.889  | ug/l   | 100      |
| 71) Bromoform                  | 12.10 | 173  | 47930    | 18.975  | ug/l # | 95       |
| 73) Isopropylbenzene           | 12.23 | 105  | 315872   | 18.957  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.05 | 43   | 141480   | 17.937  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.48 | 83   | 101974   | 19.766  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.53 | 75   | 91524m   | 17.784  | ug/l   |          |
| 77) Bromobenzene               | 12.50 | 156  | 76901    | 20.517  | ug/l   | 93       |
| 78) n-propylbenzene            | 12.57 | 91   | 365733   | 18.845  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.65 | 91   | 225902   | 19.418  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.71 | 105  | 268633   | 19.334  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.28 | 75   | 33516    | 17.854  | ug/l   | 95       |
| 82) 4-Chlorotoluene            | 12.75 | 91   | 238685   | 19.418  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 12.97 | 119  | 216999   | 18.923  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 13.02 | 105  | 264964   | 18.880  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 13.15 | 105  | 283170   | 18.448  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.26 | 119  | 254368   | 18.788  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.26 | 146  | 135673   | 19.530  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.34 | 146  | 136884   | 19.381  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.59 | 91   | 222783   | 17.852  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.85 | 117  | 45175    | 17.523  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.63 | 146  | 134565   | 19.730  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.24 | 75   | 22244    | 18.106  | ug/l   | 96       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092520\  
Data File : VN063676.D  
Acq On : 25 Sep 2020 14:19  
Operator : JC/MD  
Sample : VN0925WBS01  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0925WBS01

Manual Integrations  
APPROVED

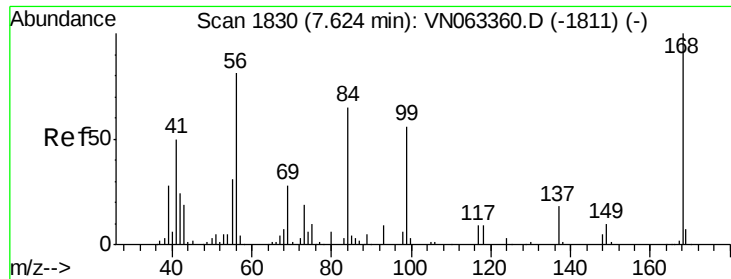
MMDadoda  
9/29/2020 10:40:37 AM

Quant Time: Sep 28 02:14:29 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N091620W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 16 13:05:20 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.88 | 180  | 72246    | 17.968 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 14.98 | 225  | 36907    | 22.172 | ug/l  | 99       |
| 95) Naphthalene            | 15.10 | 128  | 222769   | 16.770 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.28 | 180  | 67571    | 17.393 | ug/l  | 97       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

Instrument :

MSVOA\_N

ClientSampleId :

VN0925WBS01

Tot Ion:168 Resp: 275586

Ion Ratio Lower Upper

168 100

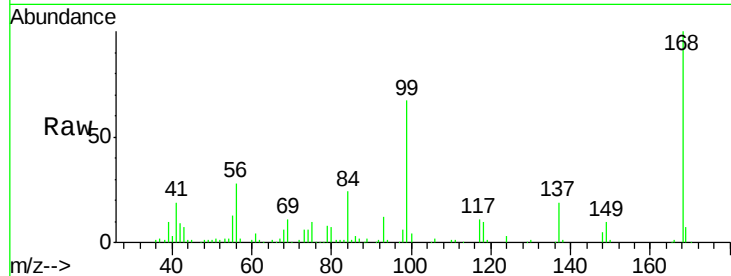
99 66.5 53.0 79.6

Manual Integrations

APPROVED

MMDadoda

9/29/2020 10:40:37 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

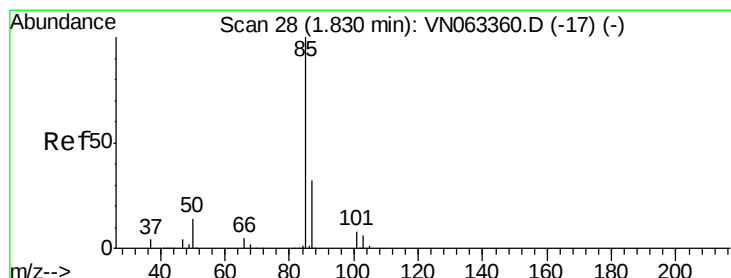
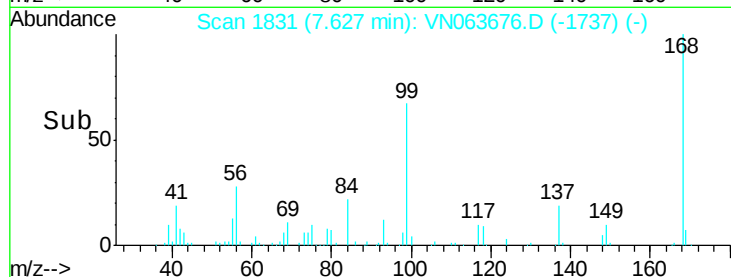
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 18.216 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063676.D

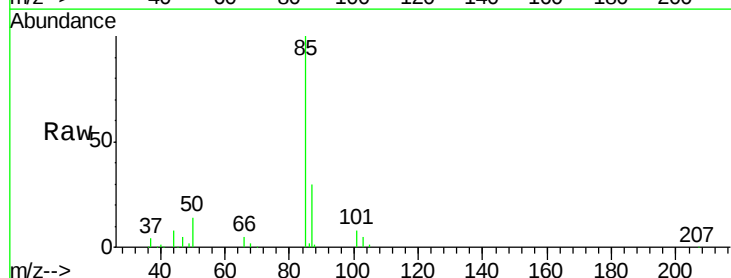
Acq: 25 Sep 2020 14:19

Tgt Ion: 85 Resp: 56874

Ion Ratio Lower Upper

85 100

87 30.4 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

50000

40000

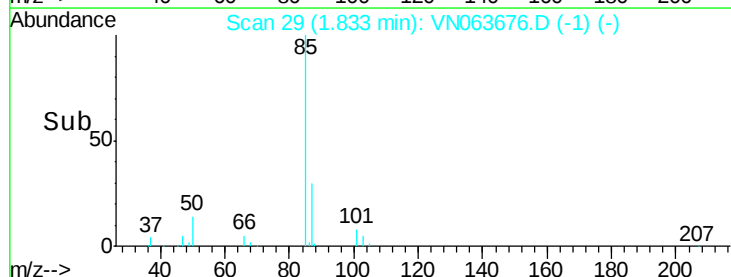
30000

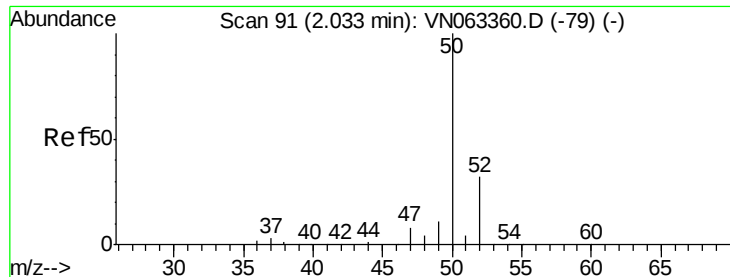
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 17.137 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.01 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

Instrument :

MSVOA\_N

ClientSampleId :

VN0925WBS01

Tot Ion: 50 Resp: 70779

Ion Ratio Lower Upper

50 100

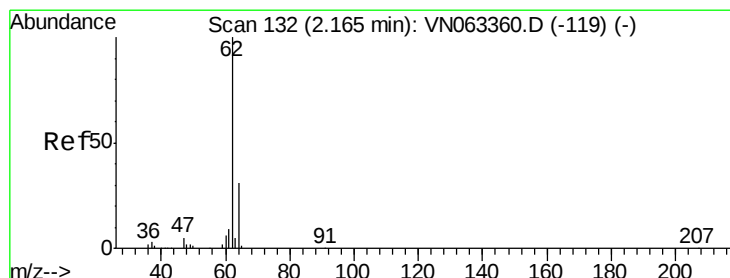
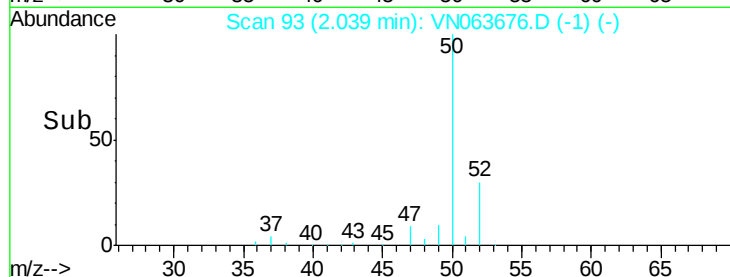
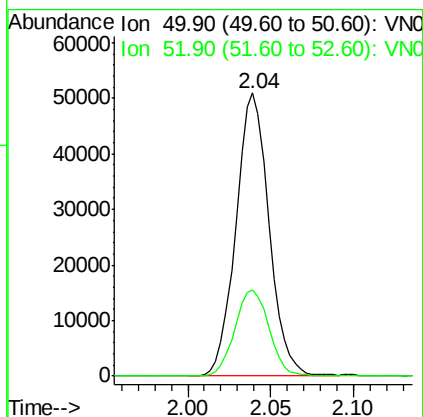
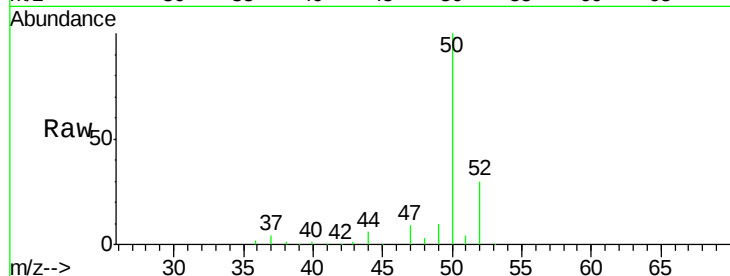
52 30.3 25.9 38.9

Manual Integrations

APPROVED

MMDadoda

9/29/2020 10:40:37 AM



#4

Vinyl Chloride

Concen: 18.737 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063676.D

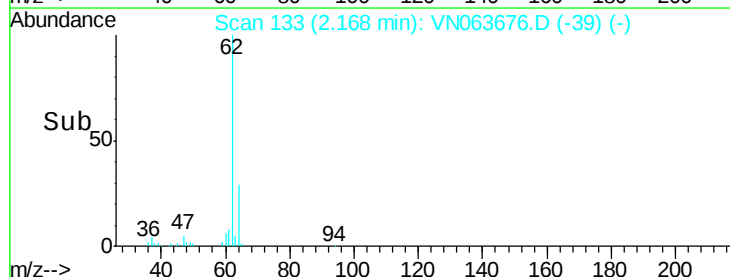
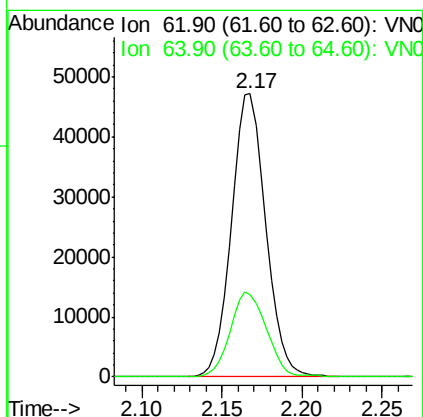
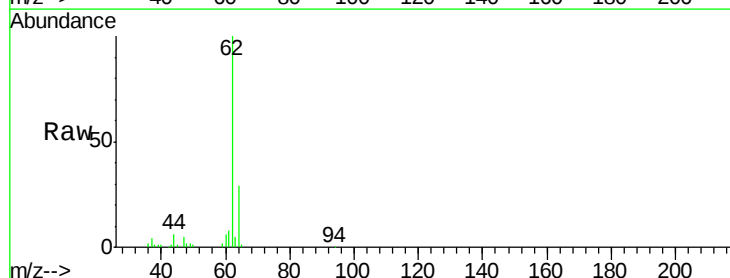
Acq: 25 Sep 2020 14:19

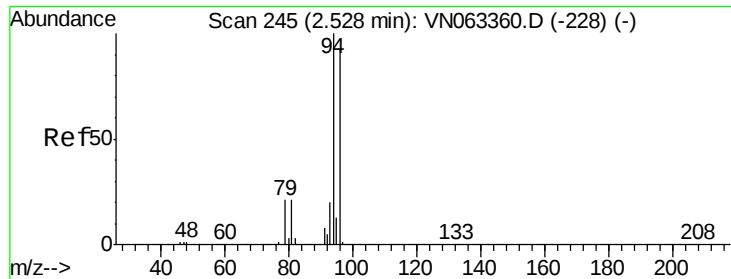
Tgt Ion: 62 Resp: 68565

Ion Ratio Lower Upper

62 100

64 29.3 25.1 37.7





#5

Bromomethane

Concen: 21.245 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

Instrument :

MSVOA\_N

ClientSampleId :

VN0925WBS01

Tot Ion: 94 Resp: 46160

Ion Ratio Lower Upper

94 100

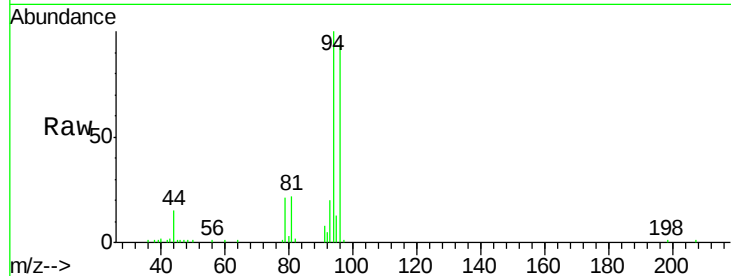
96 94.0 74.5 111.7

Manual Integrations

APPROVED

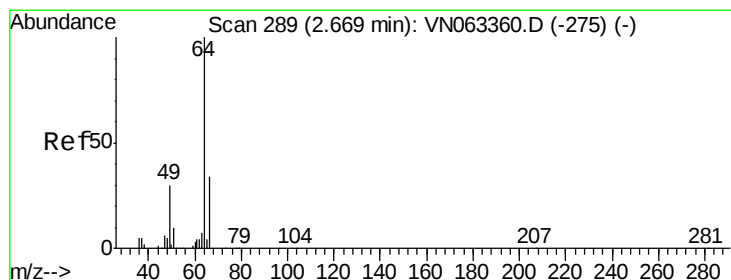
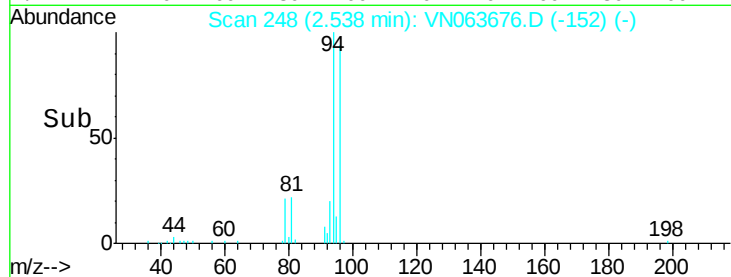
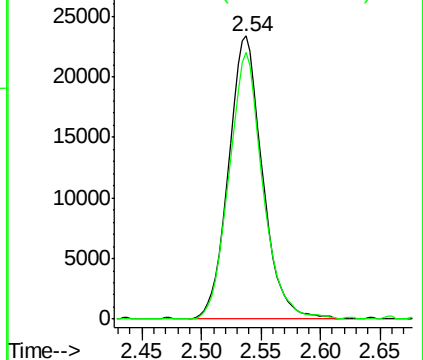
MMDadoda

9/29/2020 10:40:37 AM



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.566 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN063676.D

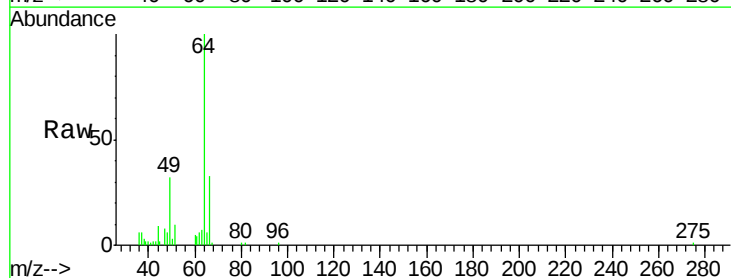
Acq: 25 Sep 2020 14:19

Tgt Ion: 64 Resp: 41703

Ion Ratio Lower Upper

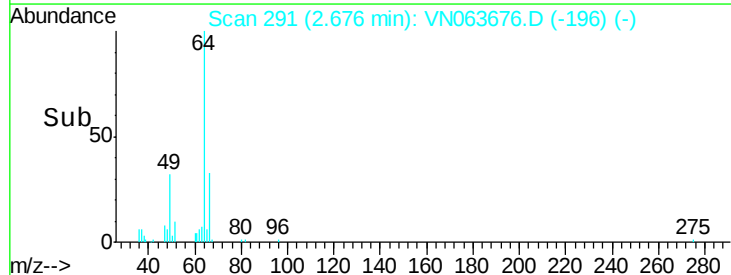
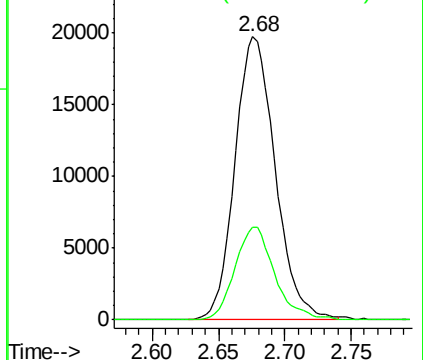
64 100

66 32.7 26.9 40.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

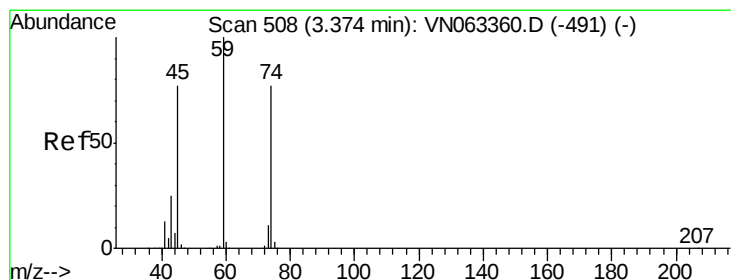
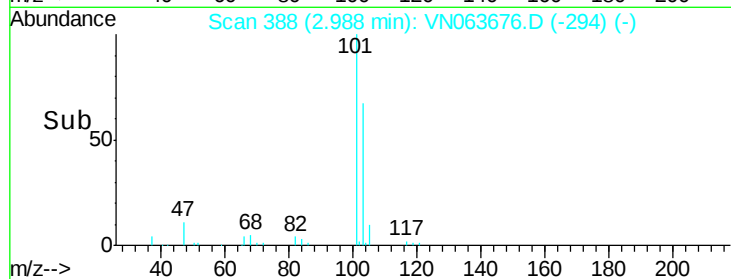
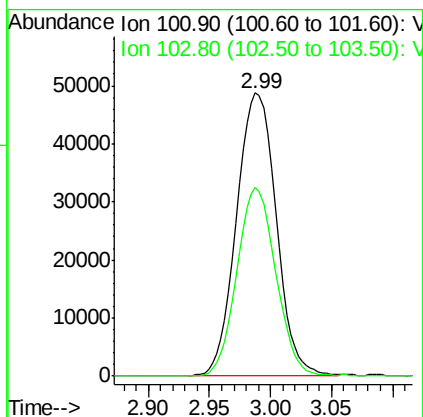
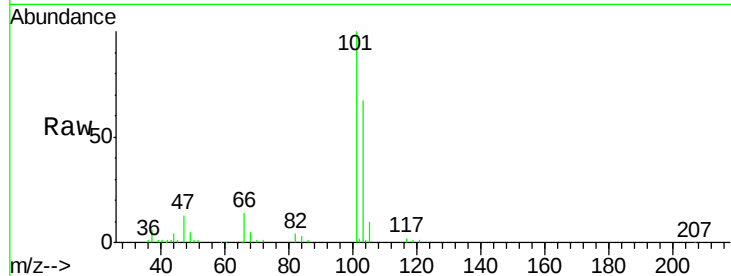
Trichlorofluoromethane  
Concen: 20.162 ug/l  
RT: 2.99 min Scan# 388  
Delta R.T. 0.00 min  
Lab File: VN063676.D  
Acq: 25 Sep 2020 14:19

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0925WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 66.2  | 52.3  | 78.5  |

Manual Integrations  
APPROVED

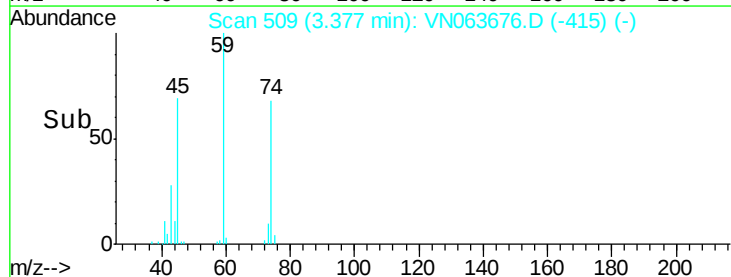
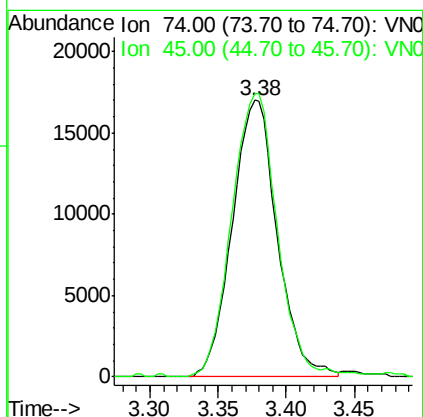
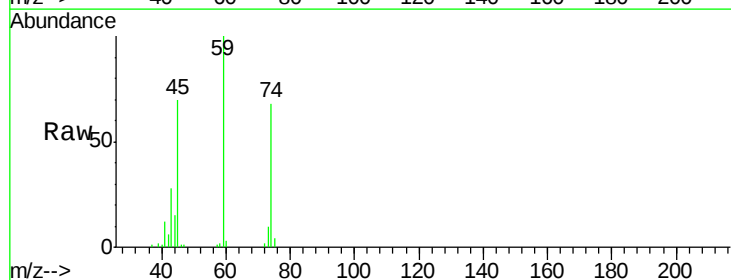
MMDadoda  
9/29/2020 10:40:37 AM

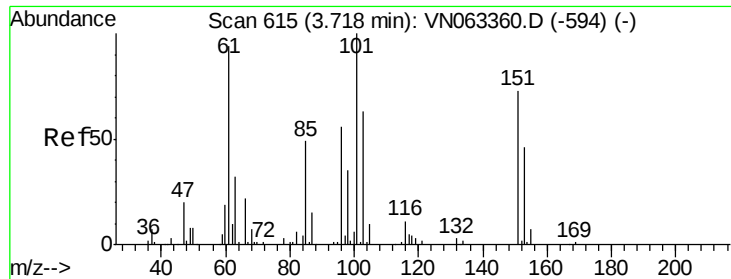


#8

Diethyl Ether  
Concen: 18.319 ug/l  
RT: 3.38 min Scan# 509  
Delta R.T. 0.00 min  
Lab File: VN063676.D  
Acq: 25 Sep 2020 14:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 102.7 | 52.1  | 156.4 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.338 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.01 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

Instrument :

MSVOA\_N

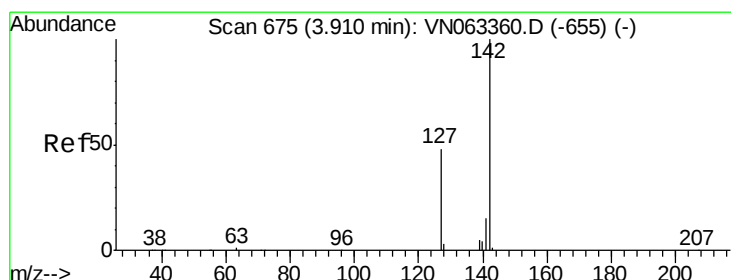
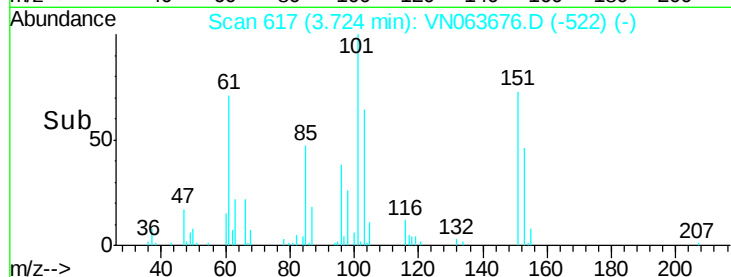
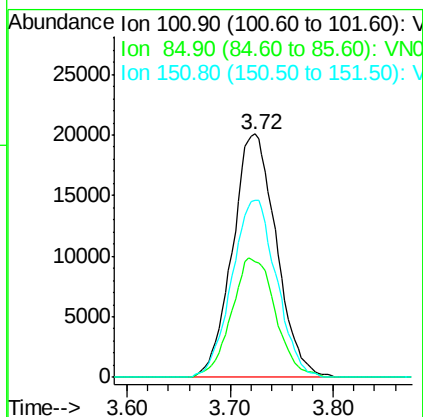
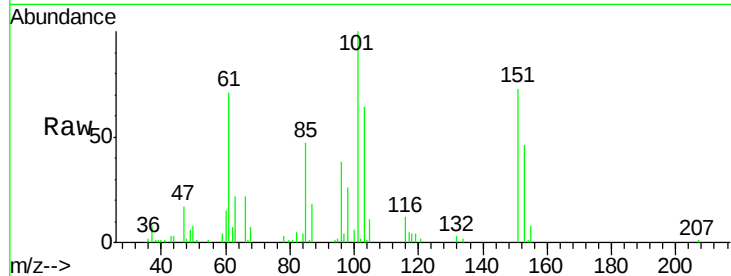
ClientSampleId :

VN0925WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 59376 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 49.1  | 37.7  | 56.5  |
| 151       | 74.0  | 57.7  | 86.5  |

Manual Integrations  
APPROVED

MMDadoda  
9/29/2020 10:40:37 AM



#10

Methyl Iodide

Concen: 17.459 ug/l

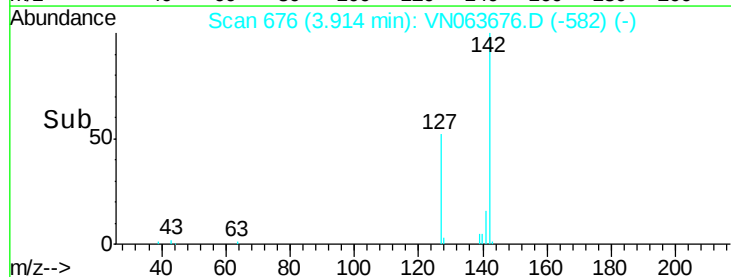
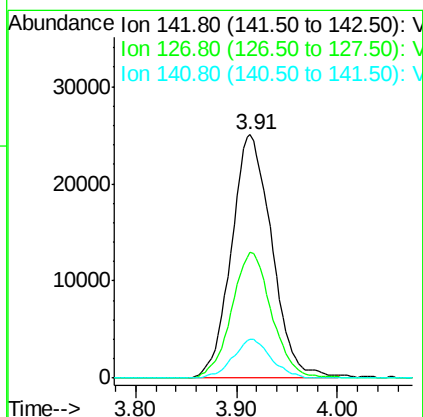
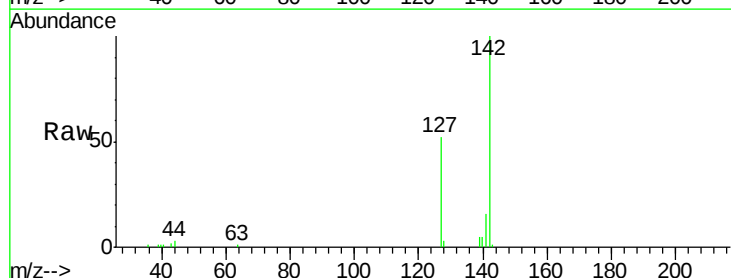
RT: 3.91 min Scan# 676

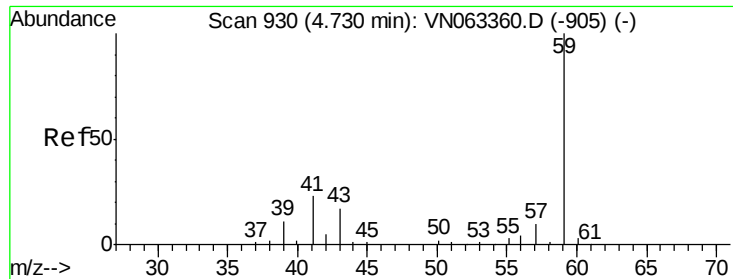
Delta R.T. 0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 69792 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 50.9  | 39.0  | 58.6  |
| 141       | 14.9  | 11.6  | 17.4  |





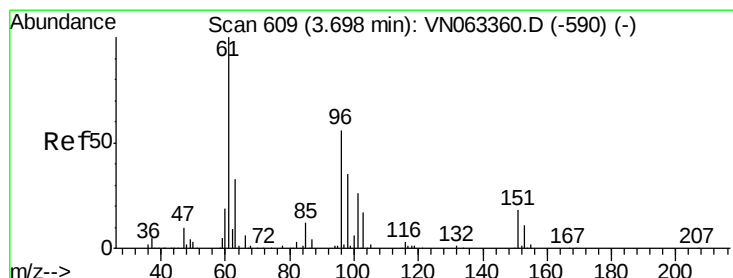
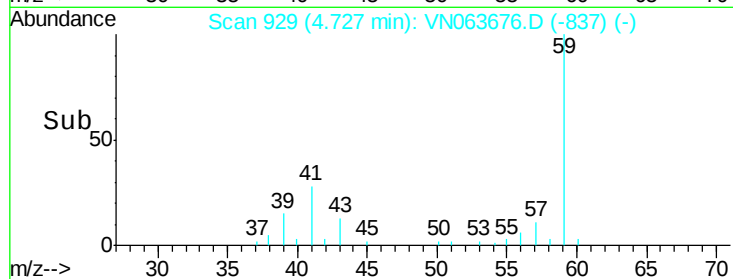
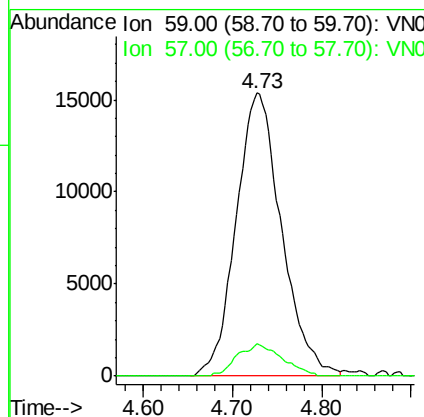
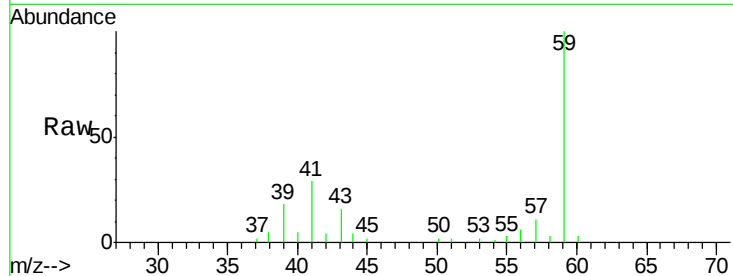
#11  
Tert butyl alcohol  
Concen: 83.659 ug/l  
RT: 4.73 min Scan# 929  
Delta R.T. -0.00 min  
Lab File: VN063676.D  
Acq: 25 Sep 2020 14:19

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0925WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 11.3  | 8.4   | 12.6  |

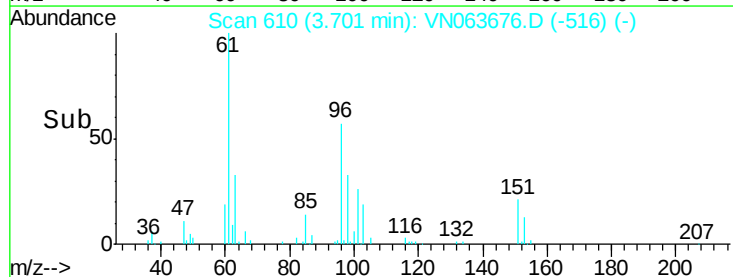
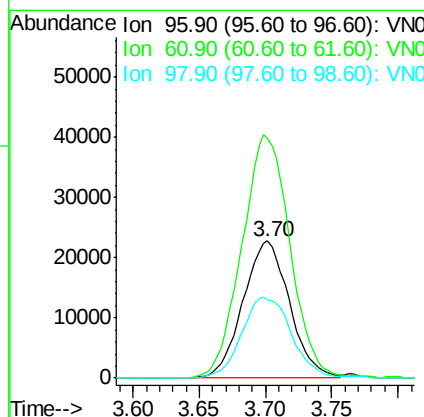
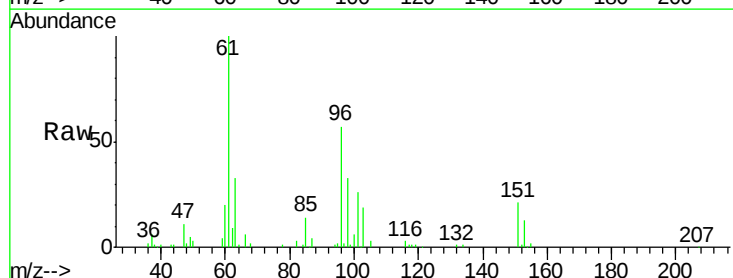
Manual Integrations  
APPROVED

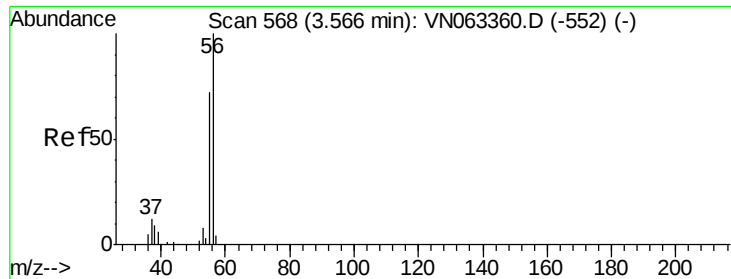
MMDadoda  
9/29/2020 10:40:37 AM



#12  
1,1-Dichloroethene  
Concen: 17.945 ug/l  
RT: 3.70 min Scan# 610  
Delta R.T. 0.00 min  
Lab File: VN063676.D  
Acq: 25 Sep 2020 14:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 174.5 | 143.4 | 215.2 |
| 98      | 57.5  | 50.6  | 76.0  |





#13

Acrolein

Concen: 65.113 ug/l

RT: 3.57 min Scan# 570

Delta R.T. 0.01 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

Instrument :

MSVOA\_N

ClientSampleId :

VN0925WBS01

Tot Ion: 56 Resp: 15682

Ion Ratio Lower Upper

56 100

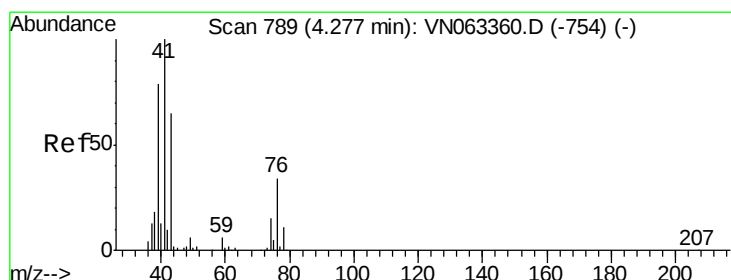
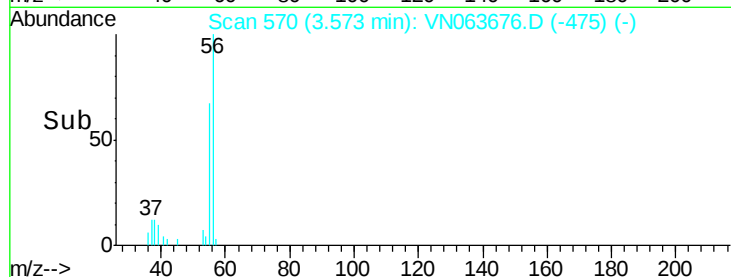
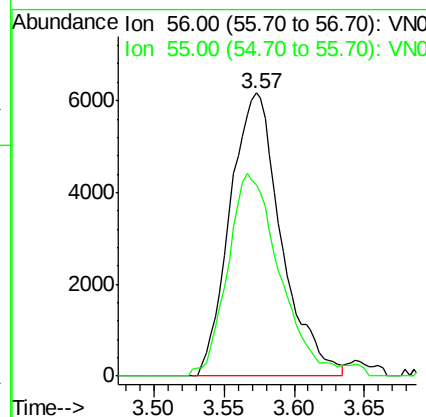
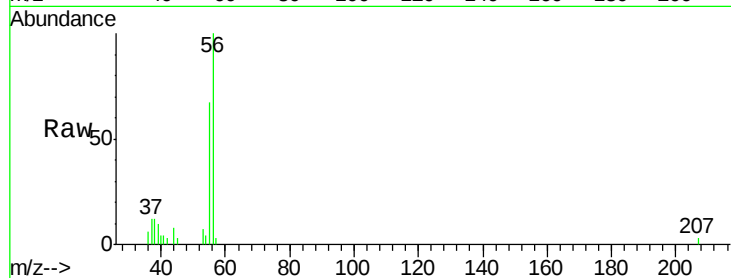
55 72.3 58.2 87.2

Manual Integrations

APPROVED

MMDadoda

9/29/2020 10:40:37 AM



#14

Allyl chloride

Concen: 17.471 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

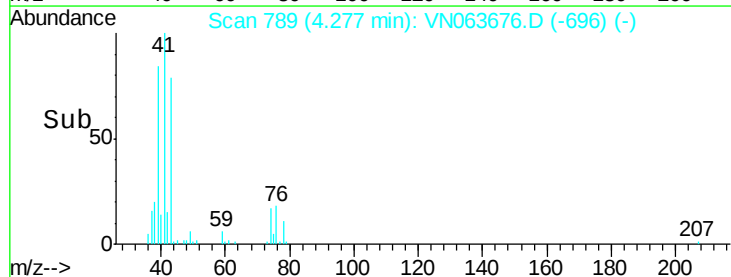
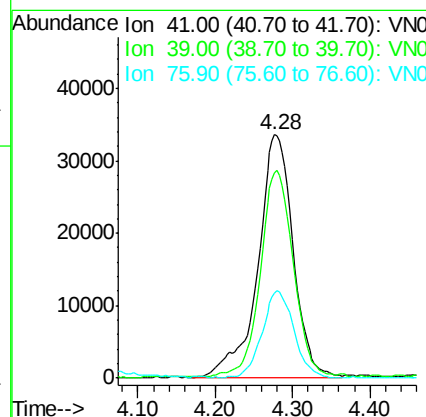
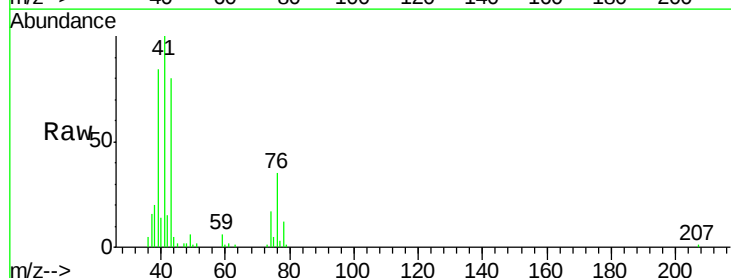
Tgt Ion: 41 Resp: 107474

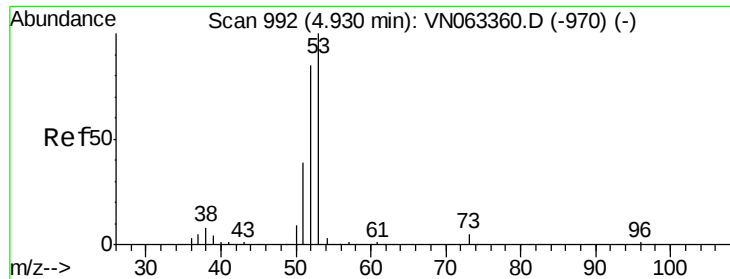
Ion Ratio Lower Upper

41 100

39 78.8 59.3 88.9

76 32.1 25.3 37.9





#15

Acrylonitrile

Concen: 94.809 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

Instrument :

MSVOA\_N

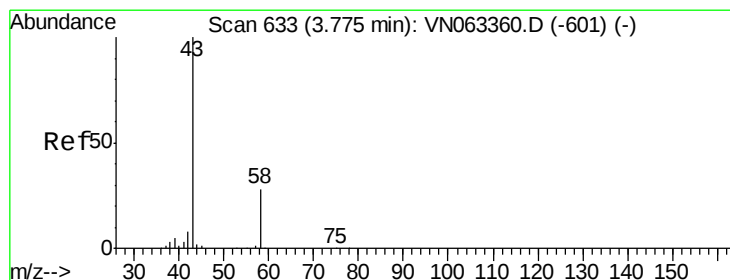
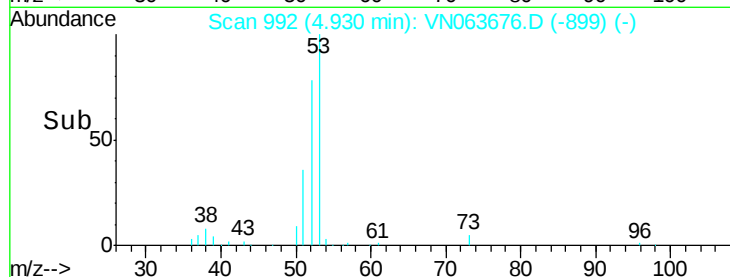
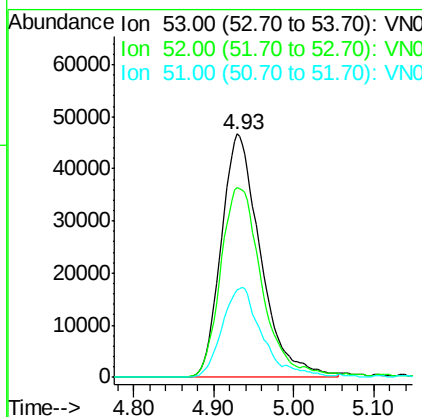
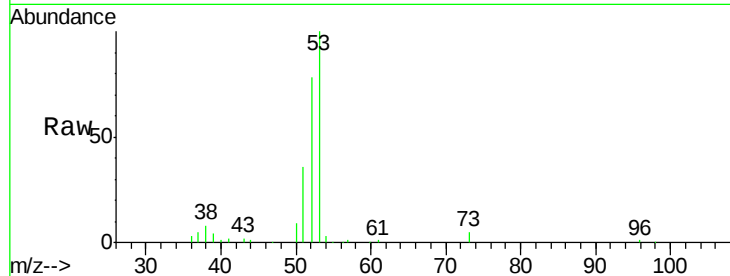
ClientSampleId :

VN0925WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 156731 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 82.0  | 66.4  | 99.6   |
| 51        | 37.6  | 30.2  | 45.4   |

Manual Integrations  
APPROVED

MMDadoda  
9/29/2020 10:40:37 AM



#16

Acetone

Concen: 96.617 ug/l

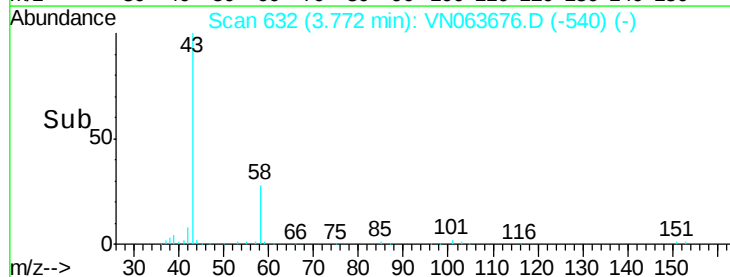
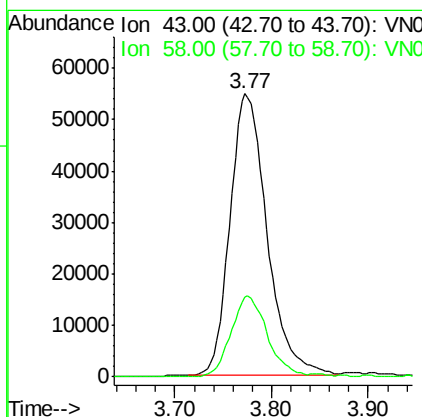
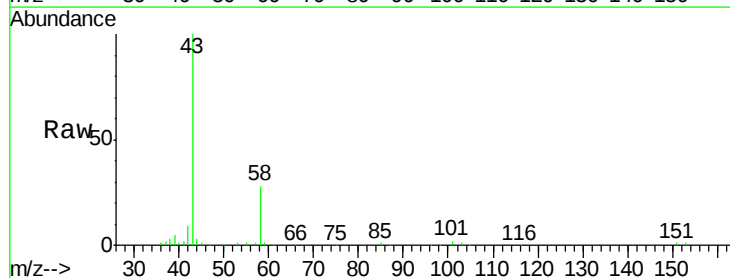
RT: 3.77 min Scan# 632

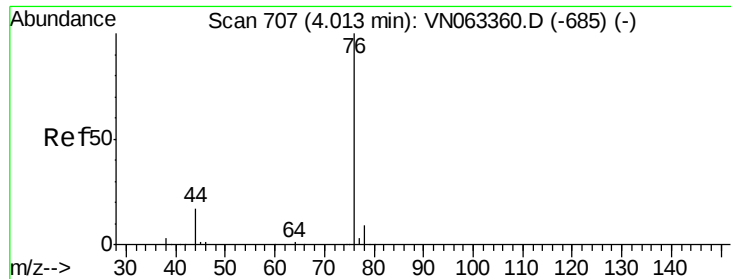
Delta R.T. -0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 145667 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 28.2  | 22.3  | 33.5   |





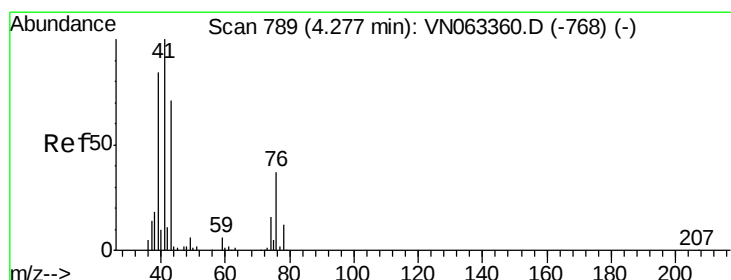
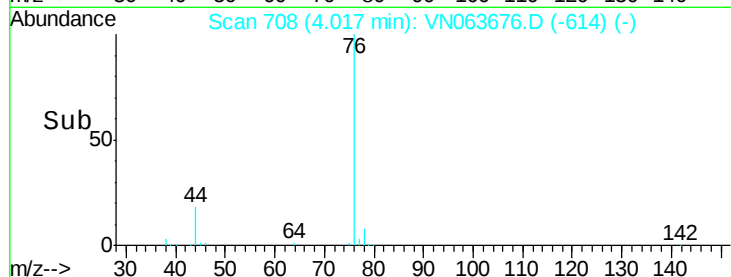
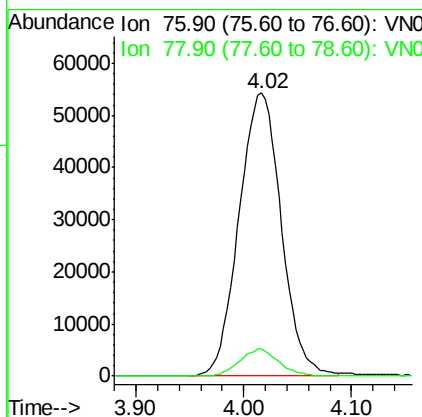
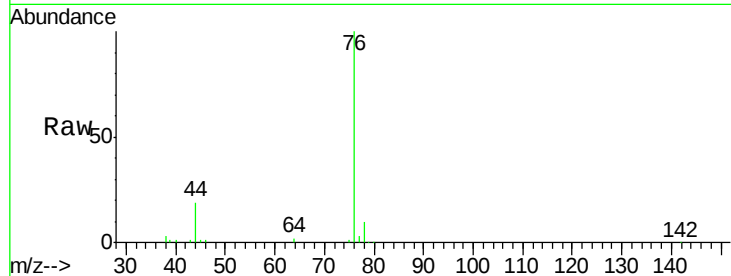
#17  
Carbon Disulfide  
Concen: 16.339 ug/l  
RT: 4.02 min Scan# 708  
Delta R.T. 0.00 min  
Lab File: VN063676.D  
Acq: 25 Sep 2020 14:19

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0925WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.6   | 7.2   | 10.8  |

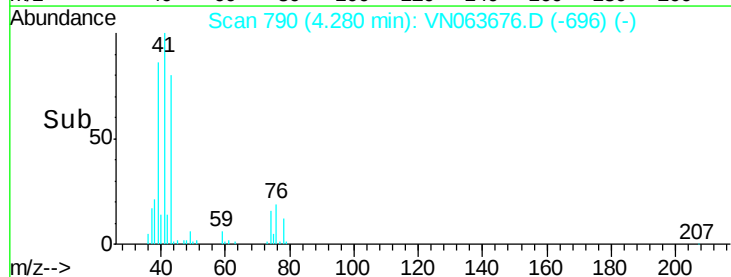
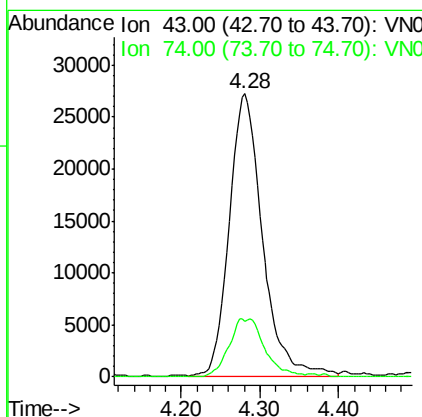
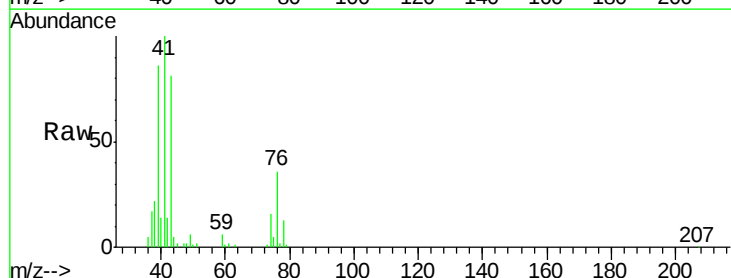
Manual Integrations  
APPROVED

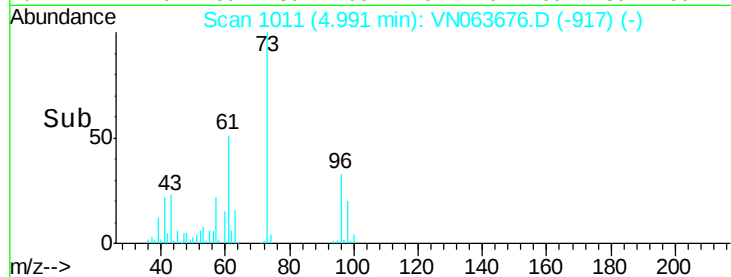
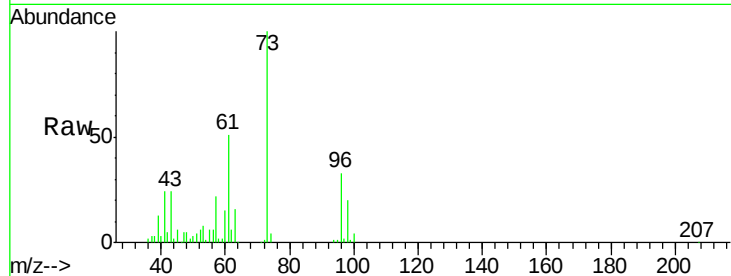
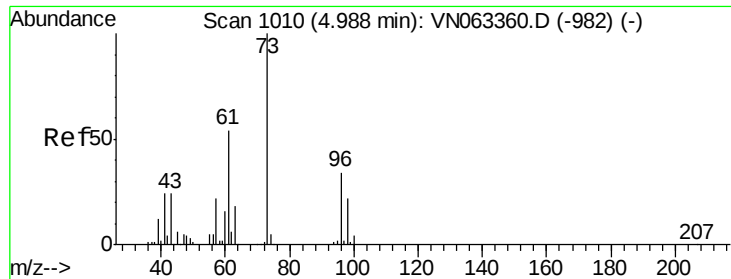
MMDadoda  
9/29/2020 10:40:37 AM



#18  
Methyl Acetate  
Concen: 21.058 ug/l  
RT: 4.28 min Scan# 790  
Delta R.T. 0.00 min  
Lab File: VN063676.D  
Acq: 25 Sep 2020 14:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 10.1  | 17.4  | 26.2# |





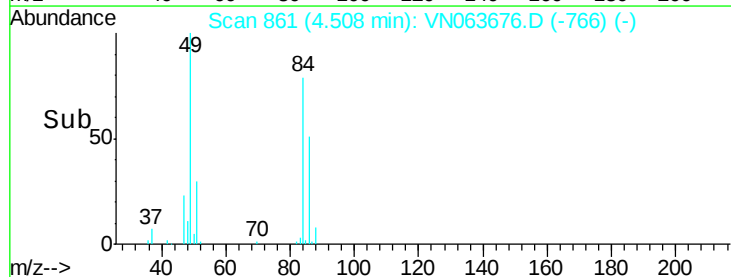
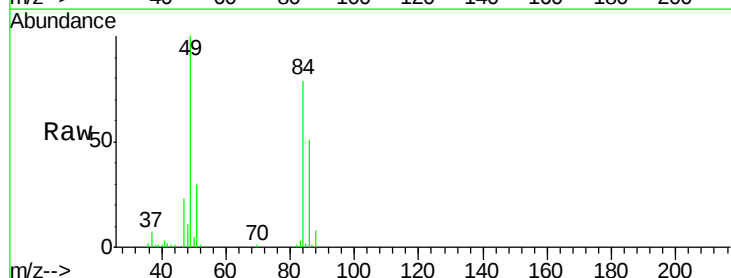
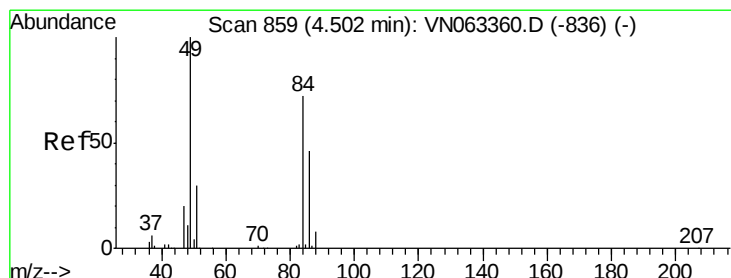
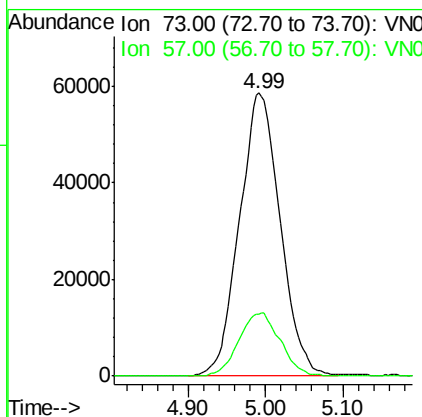
#19  
Methyl tert-butyl Ether  
Concen: 18.543 ug/l  
RT: 4.99 min Scan# 1011  
Delta R.T. 0.00 min  
Lab File: VN063676.D  
Acq: 25 Sep 2020 14:19

Tot Ion: 73 Resp: 214933  
Ion Ratio Lower Upper  
73 100  
57 22.1 17.9 26.9

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0925WBS01

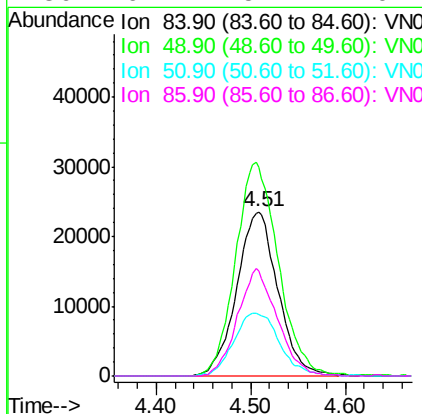
Manual Integrations  
APPROVED

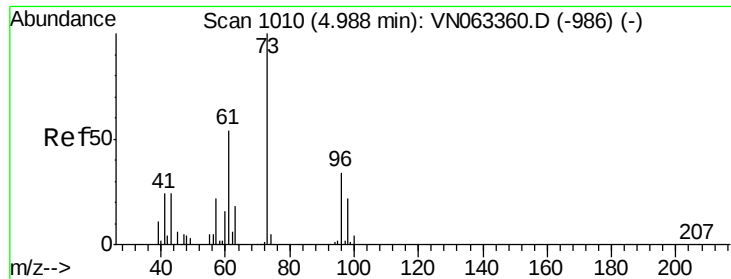
MMDadoda  
9/29/2020 10:40:37 AM



#20  
Methylene Chloride  
Concen: 18.603 ug/l  
RT: 4.51 min Scan# 861  
Delta R.T. 0.01 min  
Lab File: VN063676.D  
Acq: 25 Sep 2020 14:19

Tgt Ion: 84 Resp: 71063  
Ion Ratio Lower Upper  
84 100  
49 126.8 110.7 166.1  
51 37.8 32.9 49.3  
86 64.1 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 18.145 ug/l

RT: 4.99 min Scan# 1012

Delta R.T. 0.01 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

Instrument :

MSVOA\_N

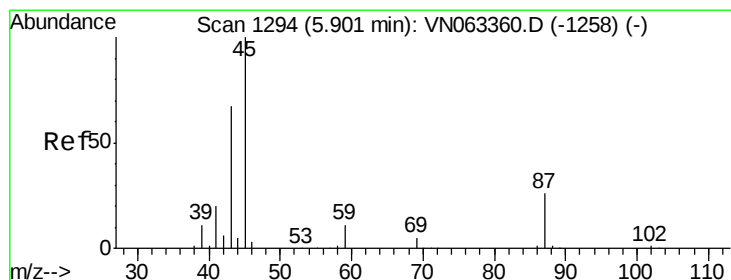
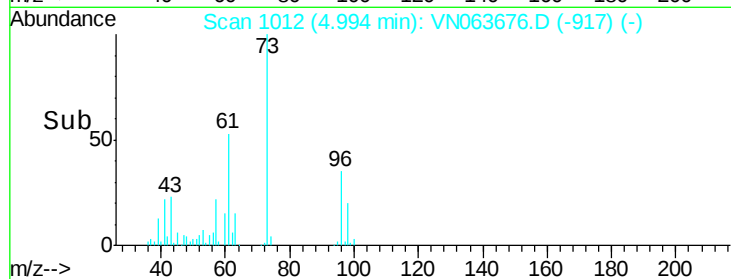
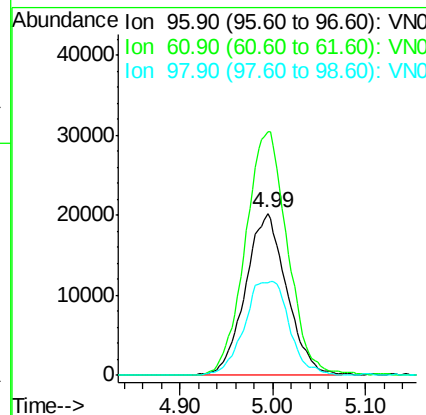
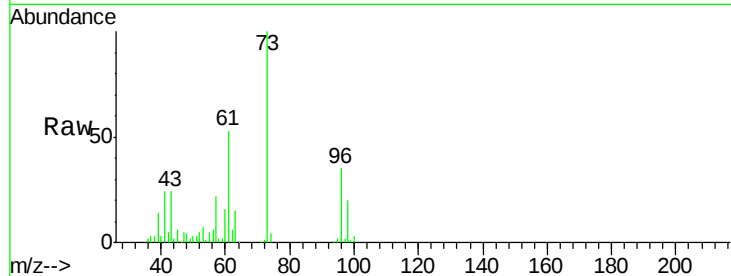
ClientSampleId :

VN0925WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 62519 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 150.2 | 126.2 | 189.4 |
| 98       | 57.0  | 51.0  | 76.4  |

Manual Integrations  
APPROVED

MMDadoda  
9/29/2020 10:40:37 AM



#22

Diisopropyl ether

Concen: 18.563 ug/l

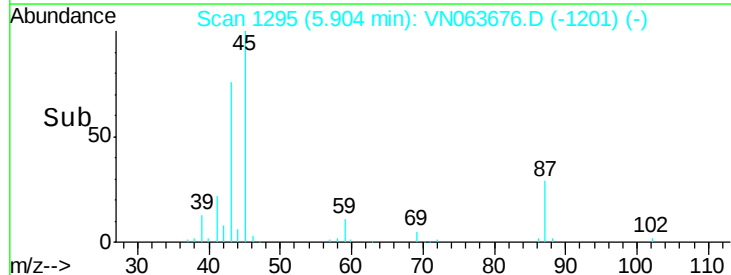
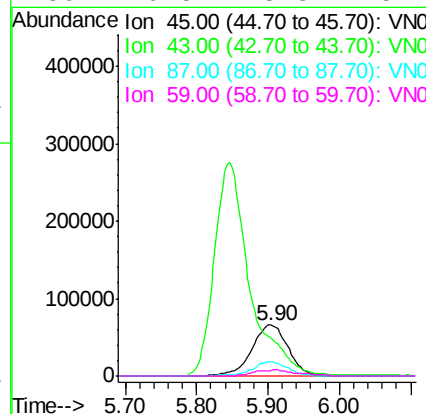
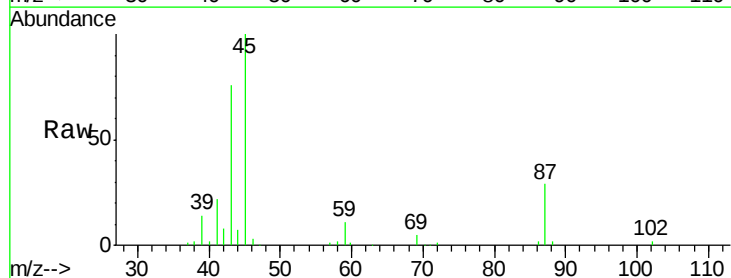
RT: 5.90 min Scan# 1295

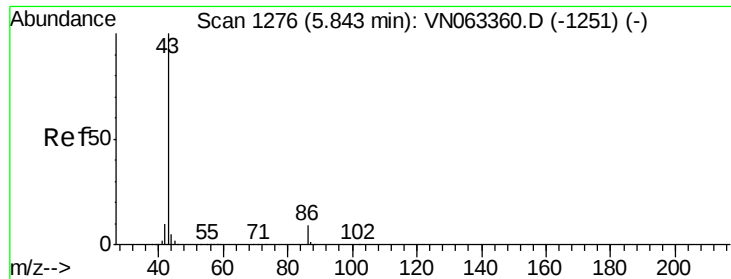
Delta R.T. 0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 232891 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 73.6  | 53.5  | 80.3   |
| 87       | 28.6  | 21.2  | 31.8   |
| 59       | 10.8  | 8.8   | 13.2   |





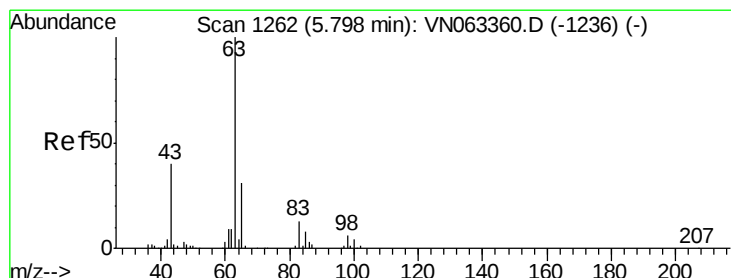
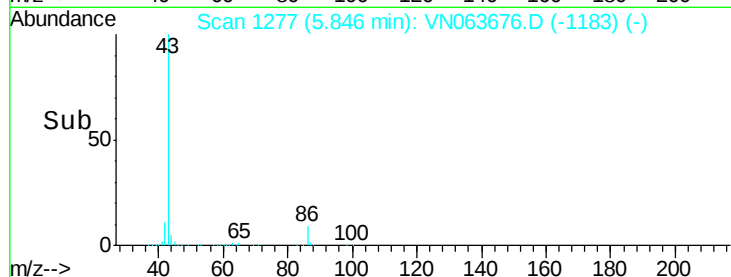
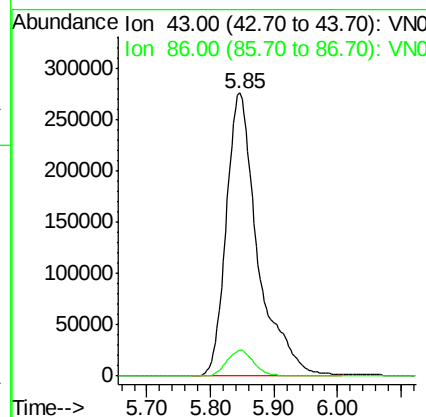
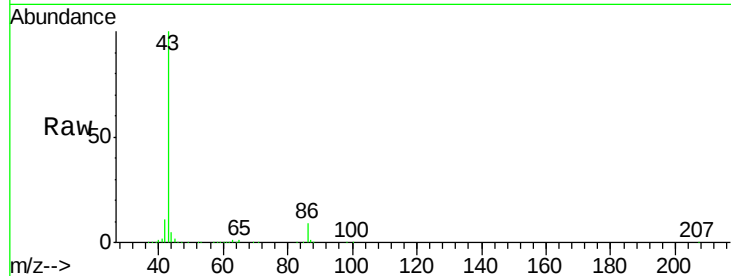
#23  
 Vinyl Acetate  
 Concen: 92.449 ug/l  
 RT: 5.85 min Scan# 1277  
 Delta R.T. 0.00 min  
 Lab File: VN063676.D  
 Acq: 25 Sep 2020 14:19

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0925WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 86      | 9.2   | 7.1   | 10.7  |

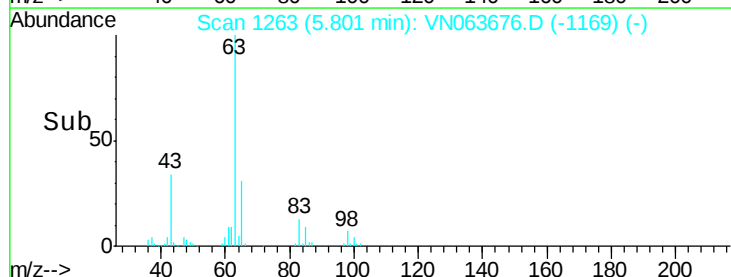
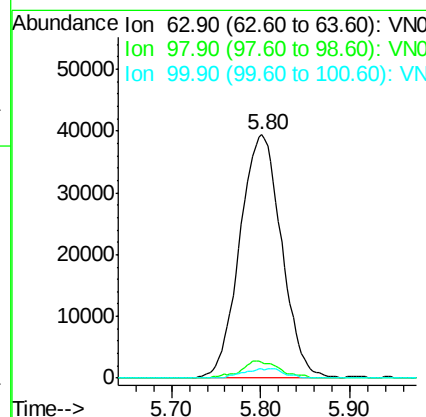
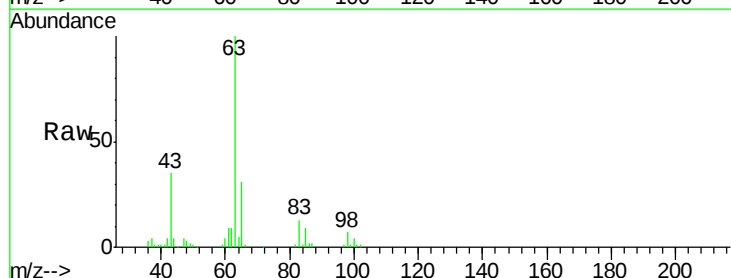
Manual Integrations  
 APPROVED

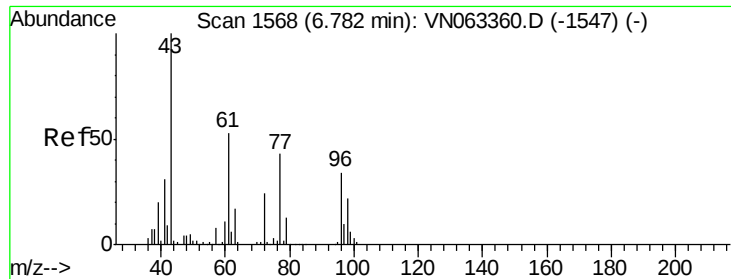
MMDadoda  
 9/29/2020 10:40:37 AM



#24  
 1,1-Dichloroethane  
 Concen: 18.705 ug/l  
 RT: 5.80 min Scan# 1263  
 Delta R.T. 0.00 min  
 Lab File: VN063676.D  
 Acq: 25 Sep 2020 14:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 98      | 6.6   | 2.9   | 8.8   |
| 100     | 3.7   | 2.1   | 6.3   |





#25

2-Butanone

Concen: 94.850 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

Instrument :

MSVOA\_N

ClientSampleId :

VN0925WBS01

Tot Ion: 43 Resp: 219936

Ion Ratio Lower Upper

43 100

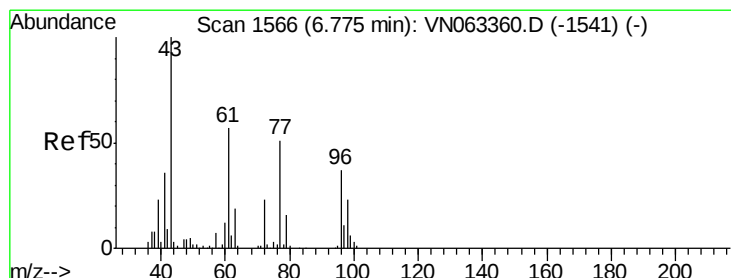
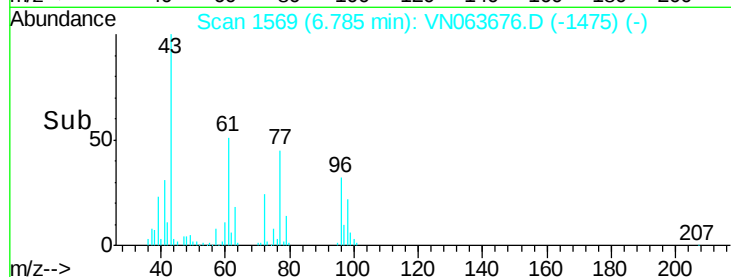
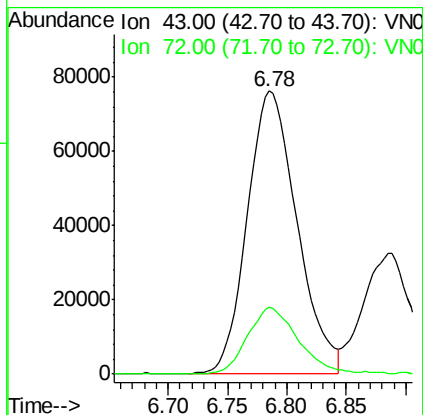
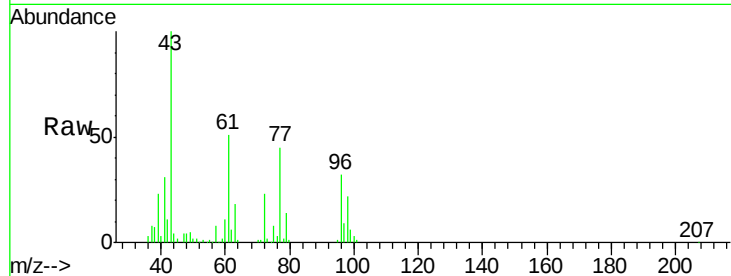
72 23.5 19.2 28.8

Manual Integrations

APPROVED

MMDadoda

9/29/2020 10:40:37 AM



#26

2,2-Dichloropropane

Concen: 18.820 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.01 min

Lab File: VN063676.D

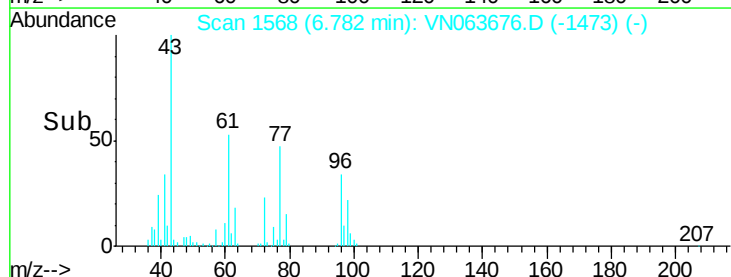
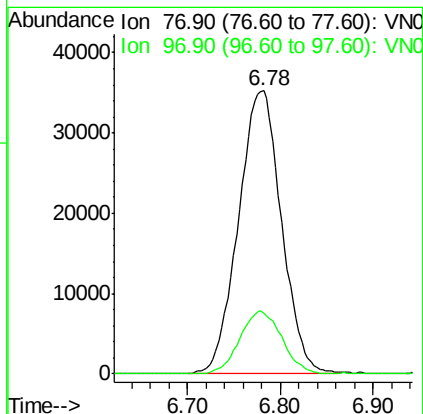
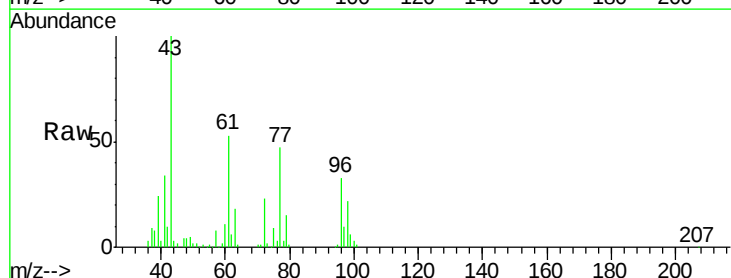
Acq: 25 Sep 2020 14:19

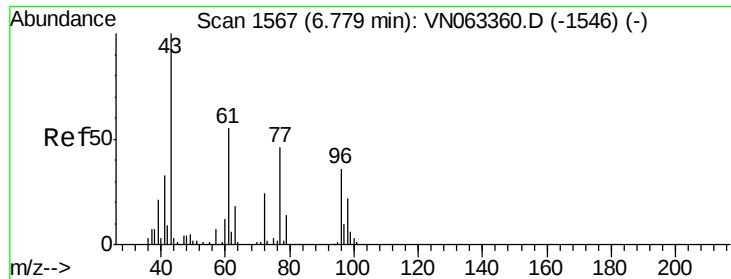
Tgt Ion: 77 Resp: 113496

Ion Ratio Lower Upper

77 100

97 21.6 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 19.047 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

Instrument :

MSVOA\_N

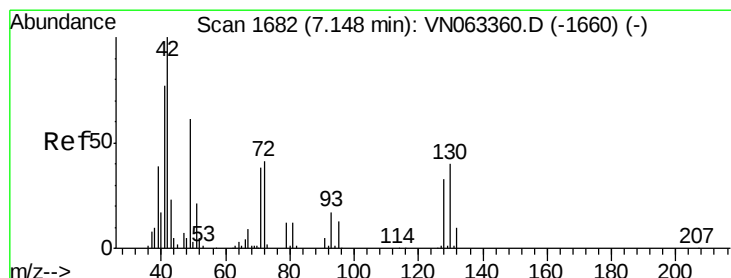
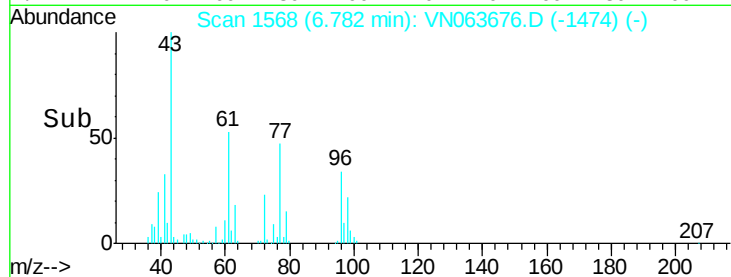
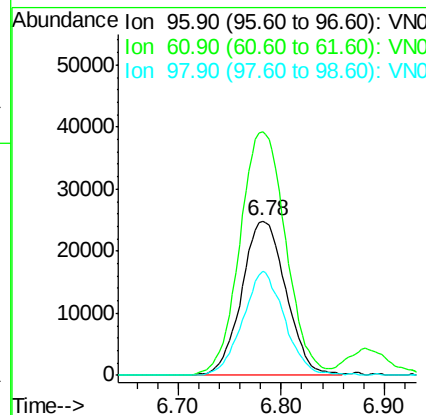
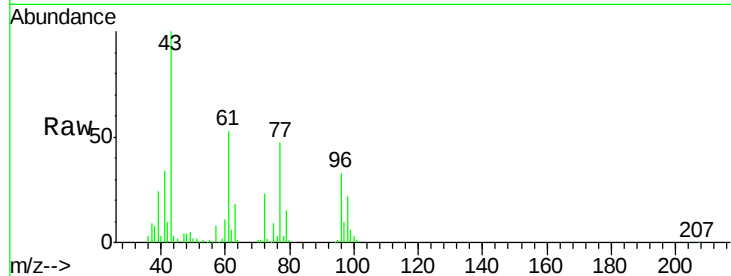
ClientSampled :

VN0925WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 74281 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 163.2 | 0.0   | 319.6 |
| 98       | 63.6  | 0.0   | 127.8 |

Manual Integrations  
APPROVED

MMDadoda  
9/29/2020 10:40:37 AM



#28

Bromochloromethane

Concen: 21.042 ug/l

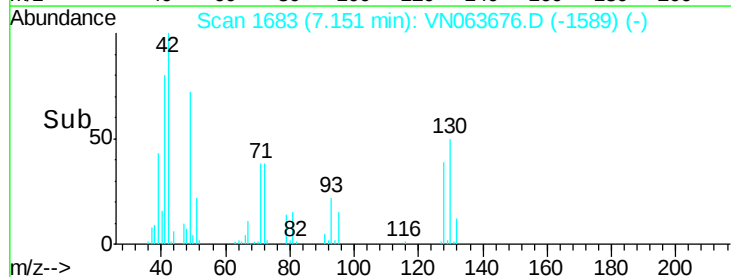
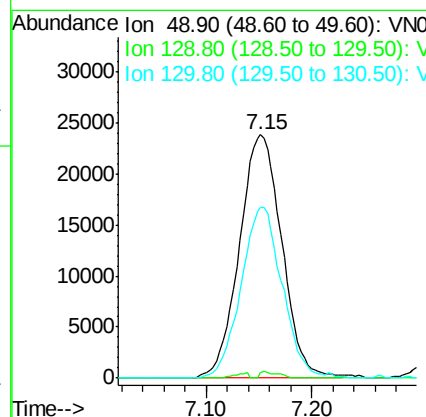
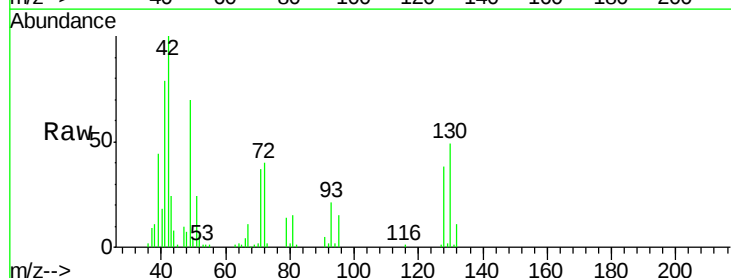
RT: 7.15 min Scan# 1683

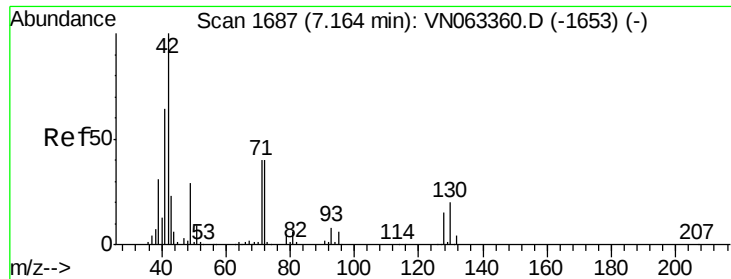
Delta R.T. 0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 66548 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 1.1   | 0.0   | 3.8   |
| 130      | 67.9  | 52.2  | 78.2  |





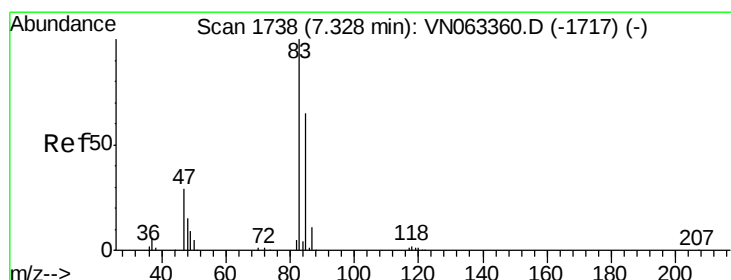
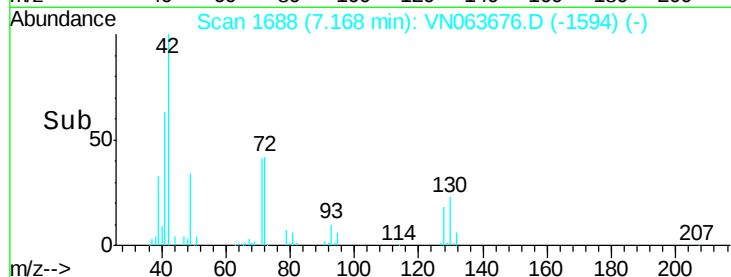
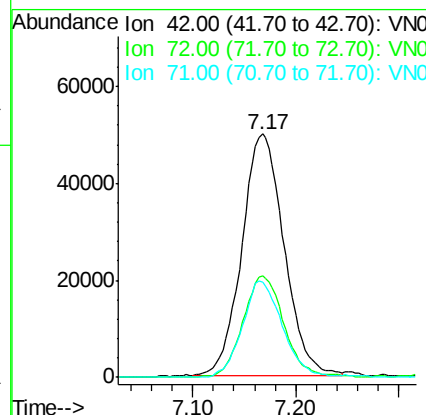
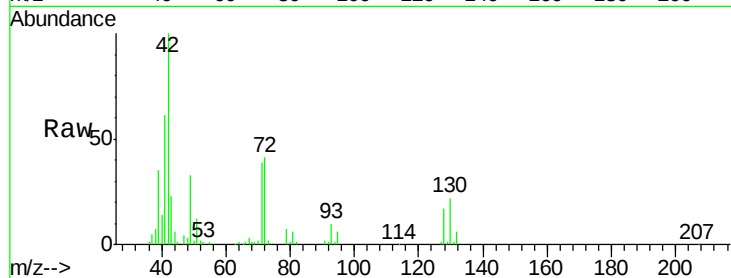
#29  
Tetrahydrofuran  
Concen: 89.136 ug/l  
RT: 7.17 min Scan# 1688  
Delta R.T. 0.00 min  
Lab File: VN063676.D  
Acq: 25 Sep 2020 14:19

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0925WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 40.7  | 32.1  | 48.1  |
| 71      | 38.0  | 31.2  | 46.8  |

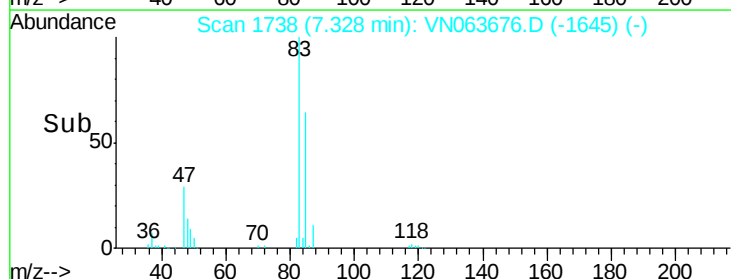
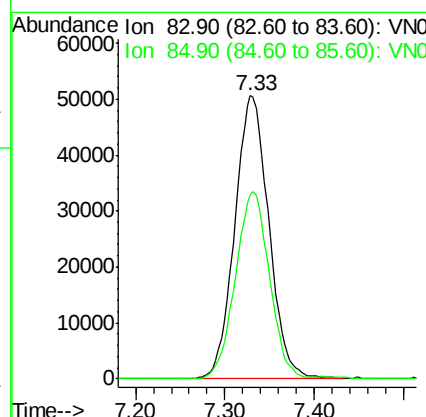
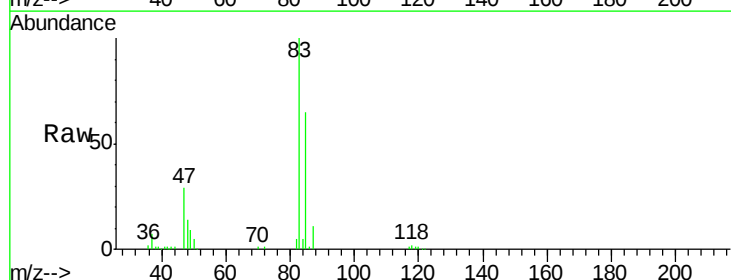
Manual Integrations  
APPROVED

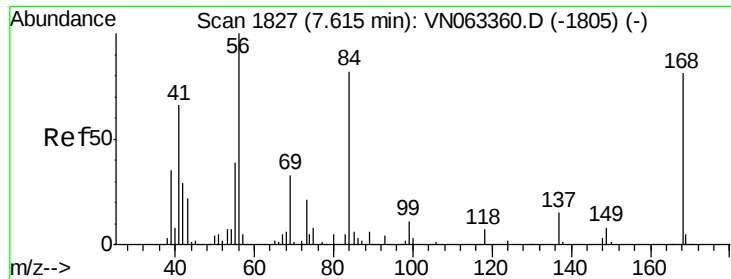
MMDadoda  
9/29/2020 10:40:37 AM



#30  
Chloroform  
Concen: 19.492 ug/l  
RT: 7.33 min Scan# 1738  
Delta R.T. -0.00 min  
Lab File: VN063676.D  
Acq: 25 Sep 2020 14:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.8  | 52.1  | 78.1  |





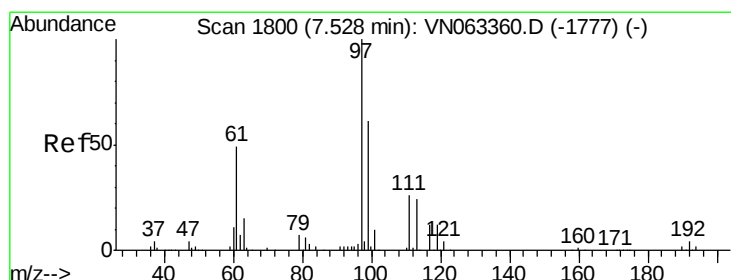
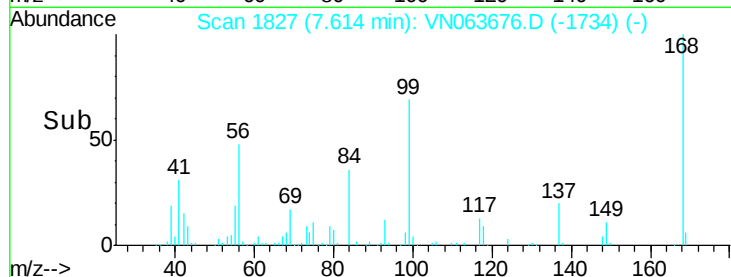
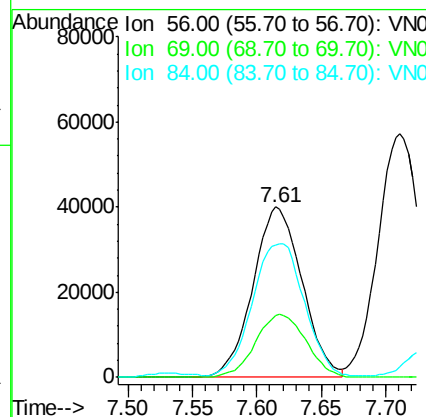
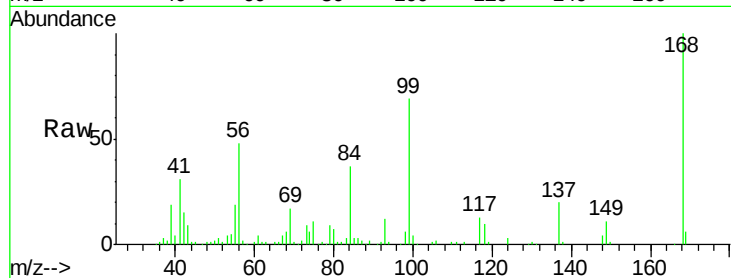
#31  
Cyclohexane  
Concen: 16.424 ug/l  
RT: 7.61 min Scan# 1827  
Delta R.T. -0.00 min  
Lab File: VN063676.D  
Acq: 25 Sep 2020 14:19

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0925WBS01

| Tot Ion   | 56    | Resp  | 106415 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 56        | 100   |       |        |
| 69        | 36.5  | 26.1  | 39.1   |
| 84        | 76.2  | 65.4  | 98.2   |

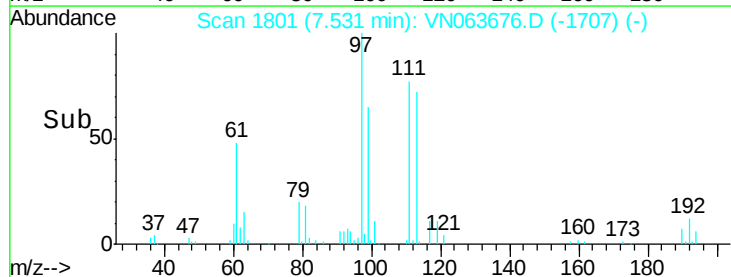
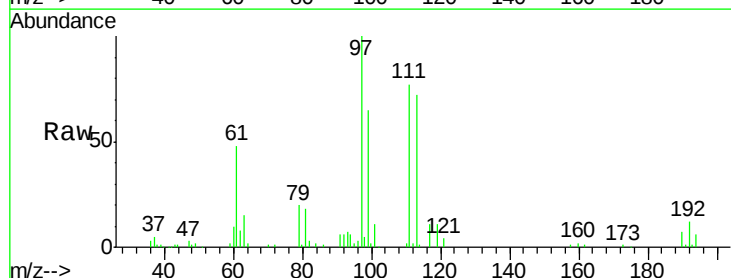
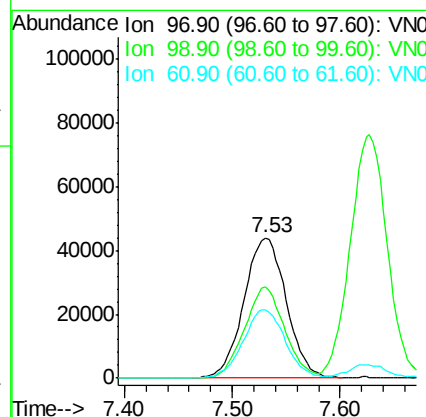
Manual Integrations  
APPROVED

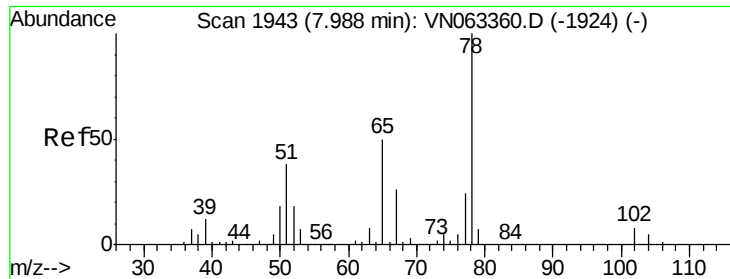
MMDadoda  
9/29/2020 10:40:37 AM



#32  
1,1,1-Trichloroethane  
Concen: 19.663 ug/l  
RT: 7.53 min Scan# 1801  
Delta R.T. 0.00 min  
Lab File: VN063676.D  
Acq: 25 Sep 2020 14:19

| Tgt Ion   | 97    | Resp  | 120183 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 97        | 100   |       |        |
| 99        | 61.3  | 50.6  | 76.0   |
| 61        | 48.6  | 39.2  | 58.8   |





#33

1,2-Dichloroethane-d4

Concen: 49.005 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

Instrument :

MSVOA\_N

ClientSampleId :

VN0925WBS01

Tot Ion: 65 Resp: 229890

Ion Ratio Lower Upper

65 100

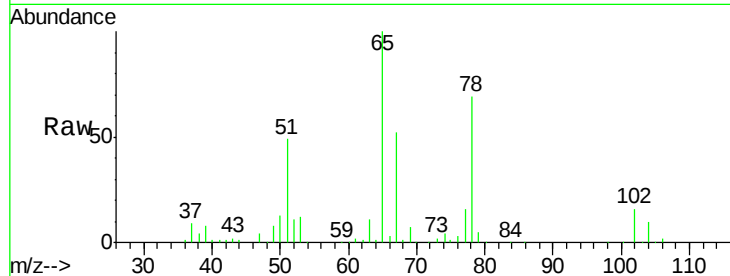
67 50.4 0.0 104.2

Manual Integrations

APPROVED

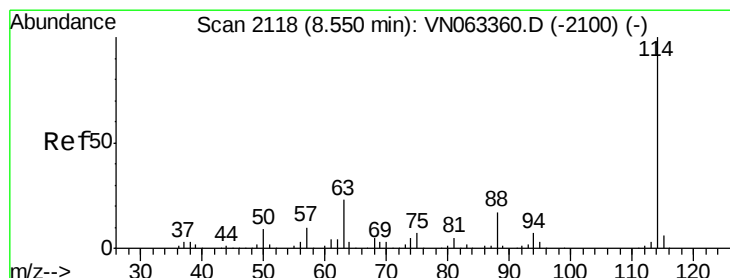
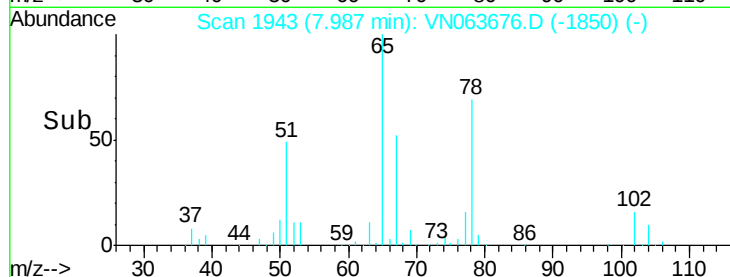
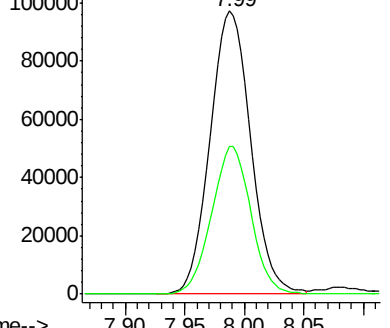
MMDadoda

9/29/2020 10:40:37 AM



Abundance Ion 64.90 (64.60 to 65.60): VN063360.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN063360.D (-1924) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

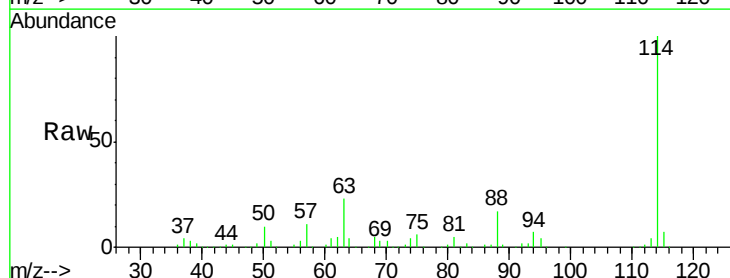
Tgt Ion: 114 Resp: 464741

Ion Ratio Lower Upper

114 100

63 23.2 0.0 46.4

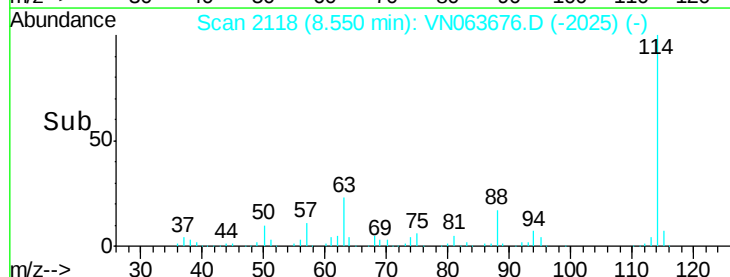
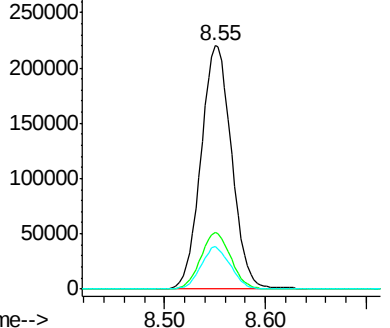
88 17.4 0.0 33.2

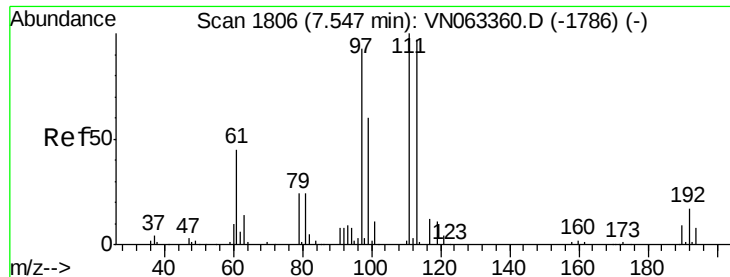


Abundance Ion 113.90 (113.60 to 114.60): VN063360.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN063360.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN063360.D (-2100) (-)





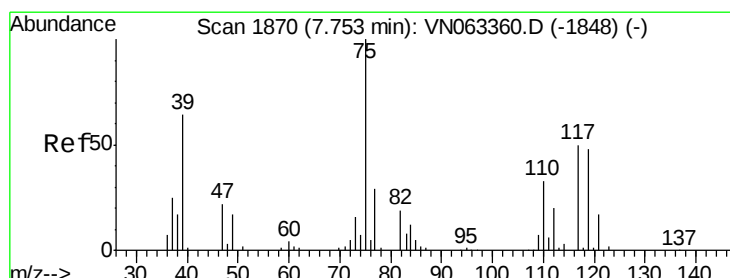
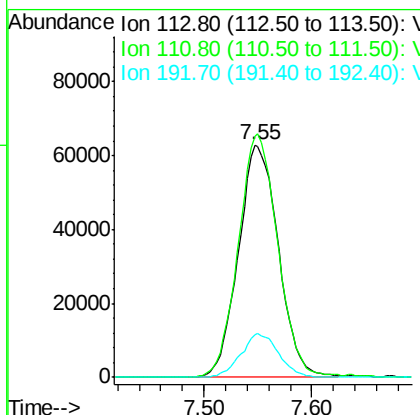
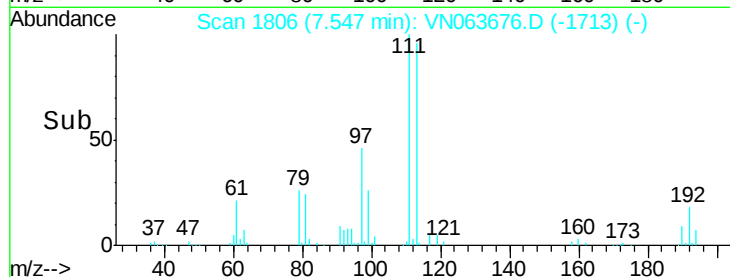
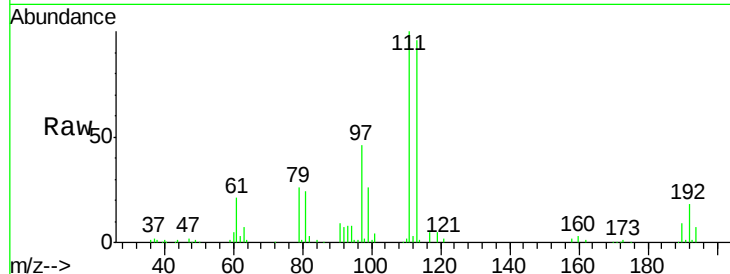
#35  
 Dibromofluoromethane  
 Concen: 50.336 ug/l  
 RT: 7.55 min Scan# 1806  
 Delta R.T. -0.00 min  
 Lab File: VN063676.D  
 Acq: 25 Sep 2020 14:19

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0925WBS01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 113     | 100   |      |       |       |
| 111     | 103.4 | 82.9 | 124.3 |       |
| 192     | 17.7  | 13.9 | 20.9  |       |

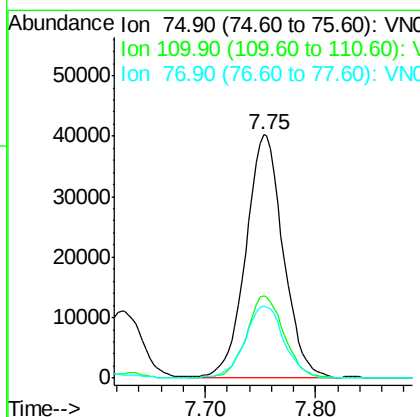
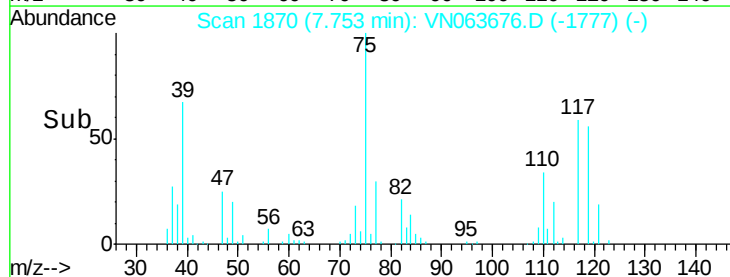
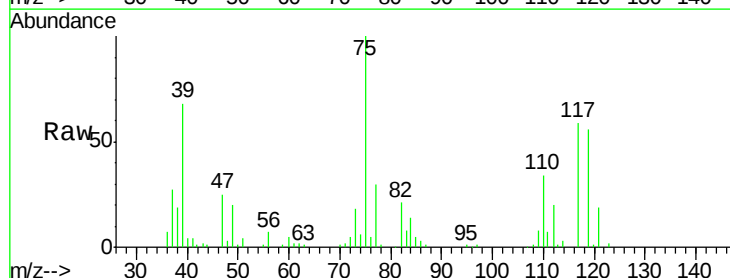
Manual Integrations  
 APPROVED

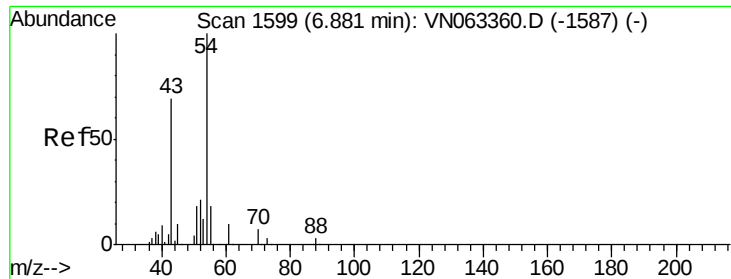
MMDadoda  
 9/29/2020 10:40:37 AM



#36  
 1,1-Dichloropropene  
 Concen: 18.941 ug/l  
 RT: 7.75 min Scan# 1870  
 Delta R.T. -0.00 min  
 Lab File: VN063676.D  
 Acq: 25 Sep 2020 14:19

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 75      | 100   |      |       |       |
| 110     | 34.2  | 16.5 | 49.5  |       |
| 77      | 31.1  | 24.6 | 36.8  |       |





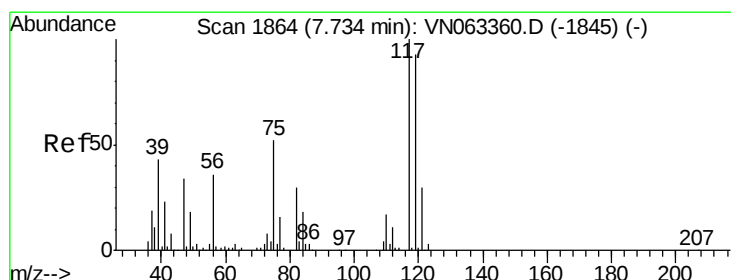
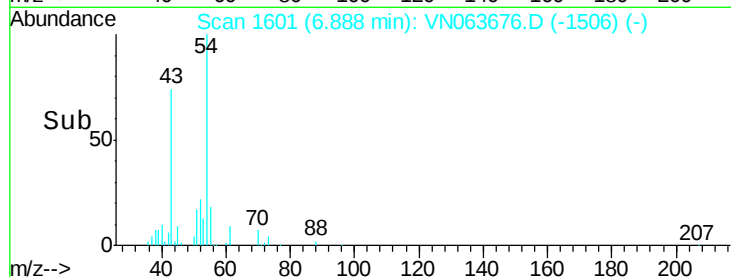
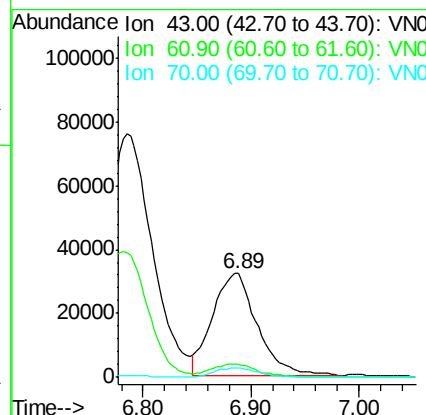
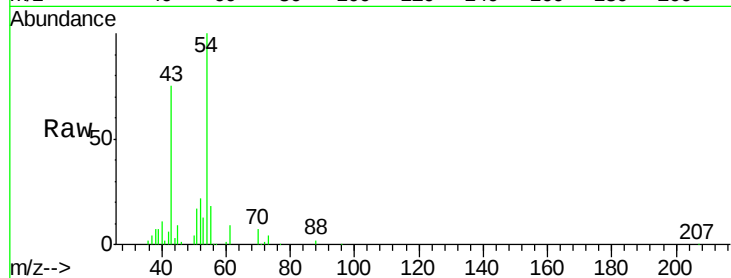
#37  
Ethyl Acetate  
Concen: 19.110 ug/l  
RT: 6.89 min Scan# 1601  
Delta R.T. 0.01 min  
Lab File: VN063676.D  
Acq: 25 Sep 2020 14:19

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0925WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 12.6  | 10.6  | 15.8  |
| 70      | 9.1   | 7.2   | 10.8  |

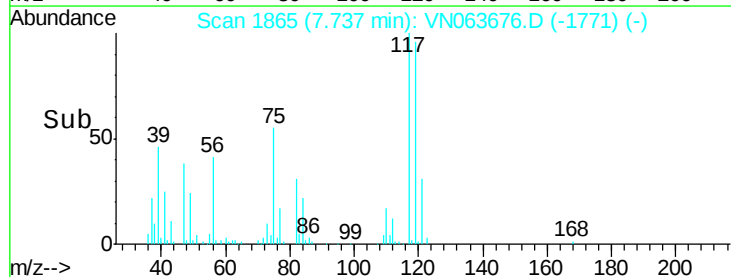
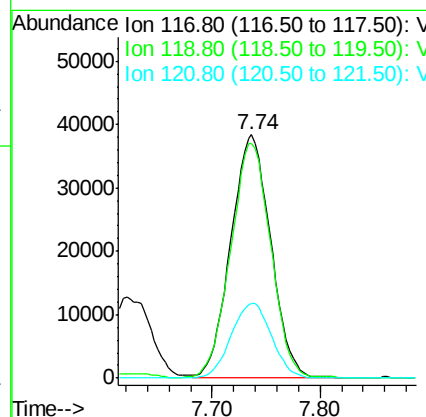
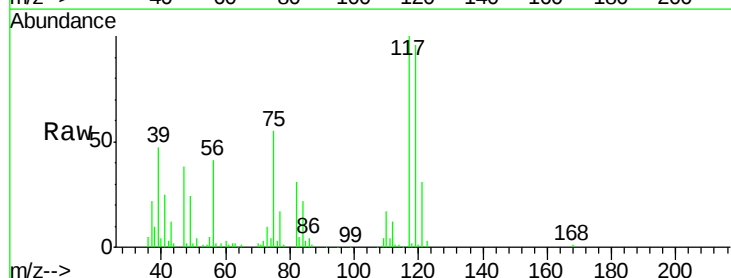
Manual Integrations  
APPROVED

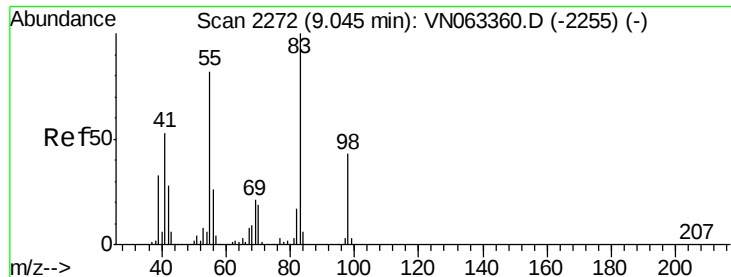
MMDadoda  
9/29/2020 10:40:37 AM



#38  
Carbon Tetrachloride  
Concen: 19.605 ug/l  
RT: 7.74 min Scan# 1865  
Delta R.T. 0.00 min  
Lab File: VN063676.D  
Acq: 25 Sep 2020 14:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.3  | 74.5  | 111.7 |
| 121     | 30.8  | 24.1  | 36.1  |





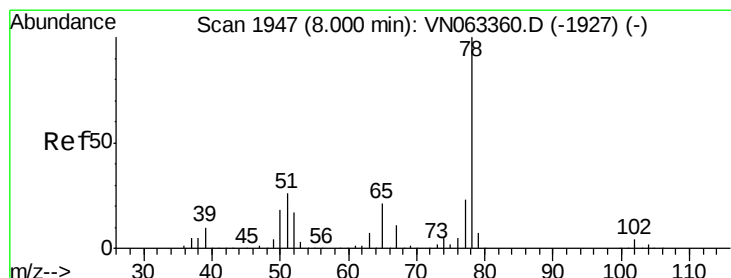
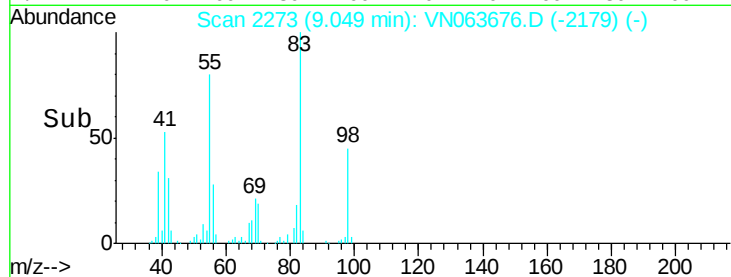
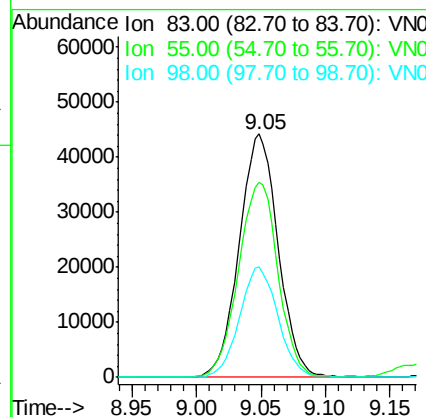
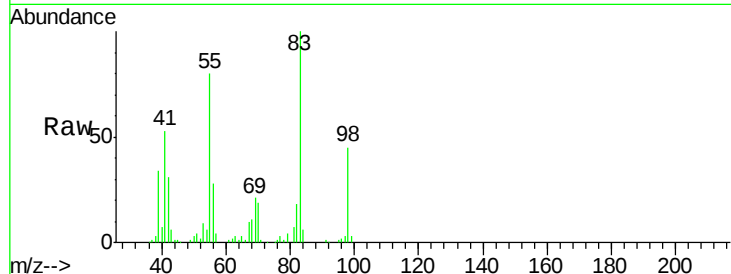
#39  
Methvlcvclohexane  
Concen: 17.267 ug/l  
RT: 9.05 min Scan# 2273  
Delta R.T. 0.00 min  
Lab File: VN063676.D  
Acq: 25 Sep 2020 14:19

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0925WBS01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 83      | 100   |      |       |       |
| 55      | 80.0  | 65.5 | 98.3  |       |
| 98      | 45.3  | 34.2 | 51.4  |       |

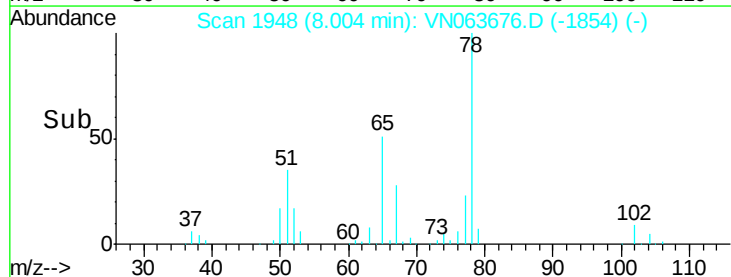
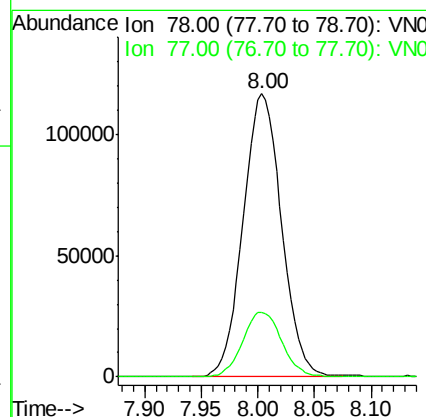
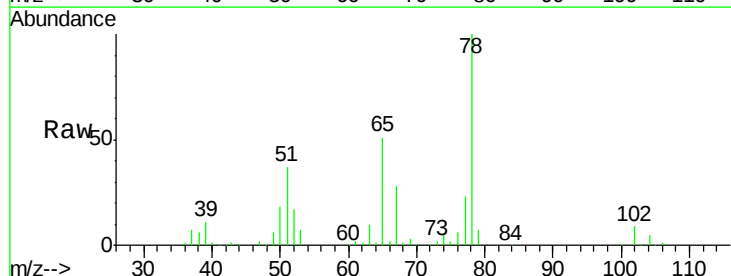
Manual Integrations  
APPROVED

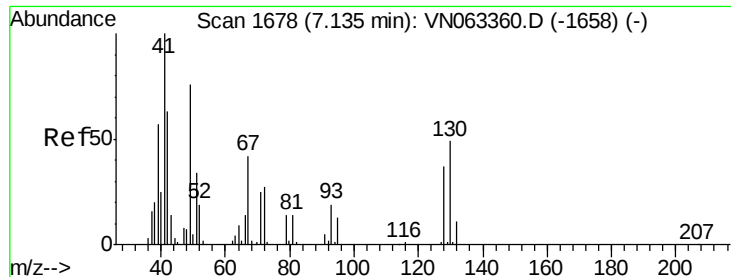
MMDadoda  
9/29/2020 10:40:37 AM



#40  
Benzene  
Concen: 19.561 ug/l  
RT: 8.00 min Scan# 1948  
Delta R.T. 0.00 min  
Lab File: VN063676.D  
Acq: 25 Sep 2020 14:19

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 78      | 100   |      |       |       |
| 77      | 22.7  | 18.3 | 27.5  |       |





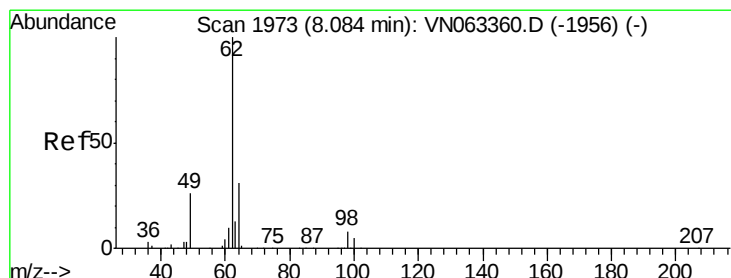
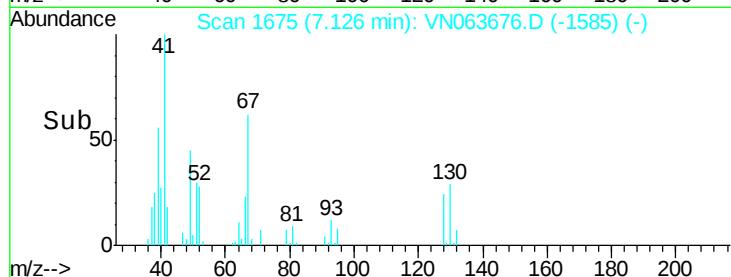
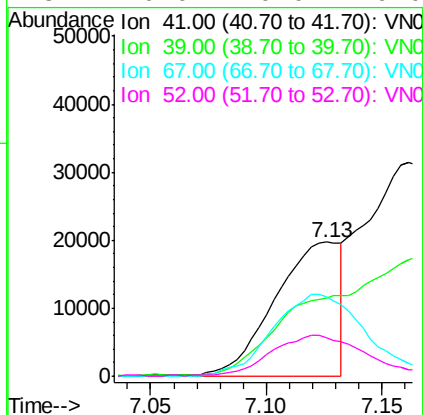
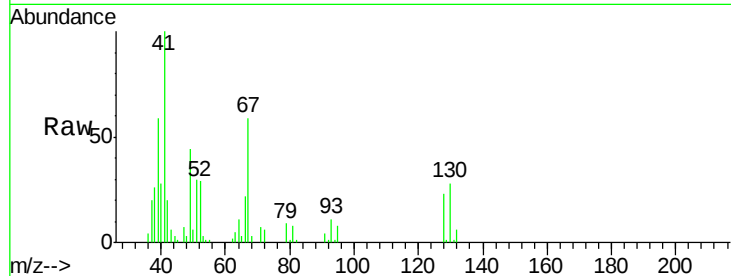
#41  
Methacrylonitrile  
Concen: 17.886 ug/l m  
RT: 7.13 min Scan# 1675  
Delta R.T. -0.01 min  
Lab File: VN063676.D  
Acq: 25 Sep 2020 14:19

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0925WBS01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 41      | 100   |      |       |       |
| 39      | 199.8 | 0.0  | 0.0   | 0.0   |
| 67      | 0.0   | 0.0  | 0.0   | 0.0   |
| 52      | 0.0   | 0.0  | 0.0   | 0.0   |

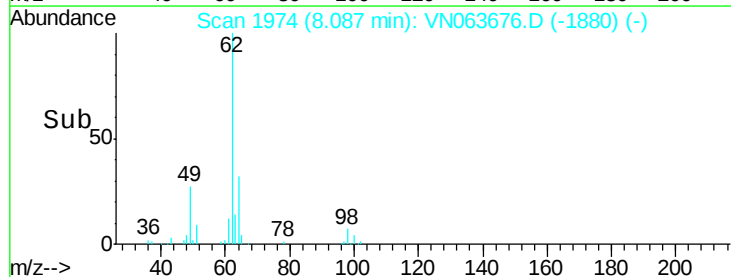
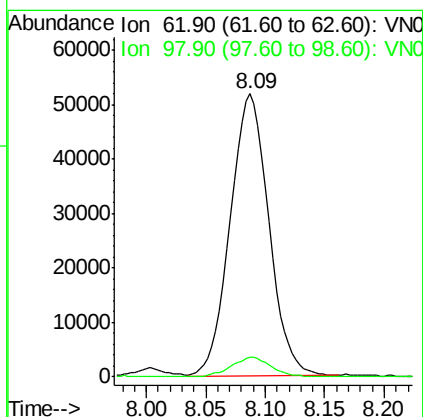
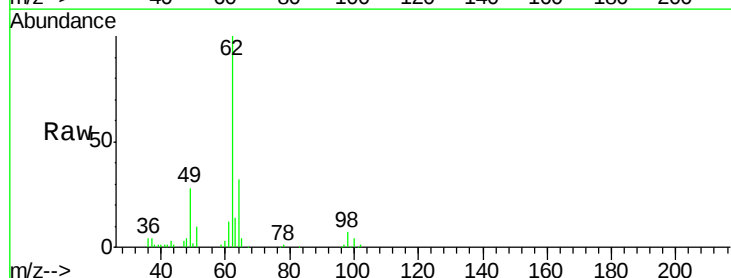
Manual Integrations  
APPROVED

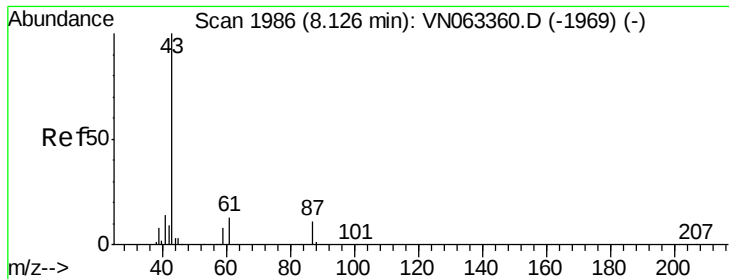
MMDadoda  
9/29/2020 10:40:37 AM



#42  
1,2-Dichloroethane  
Concen: 20.501 ug/l  
RT: 8.09 min Scan# 1974  
Delta R.T. 0.00 min  
Lab File: VN063676.D  
Acq: 25 Sep 2020 14:19

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 62      | 100   |      |       |       |
| 98      | 7.3   | 0.0  | 0.0   | 15.6  |





#43

Isopropyl Acetate

Concen: 18.743 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

Instrument :

MSVOA\_N

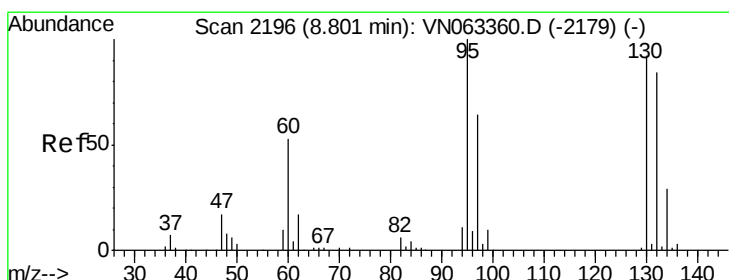
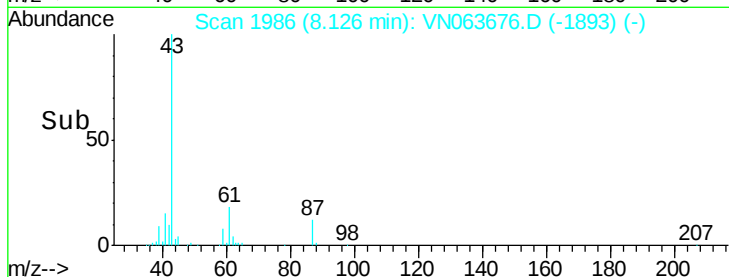
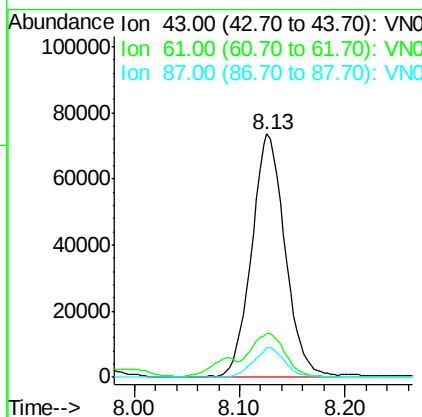
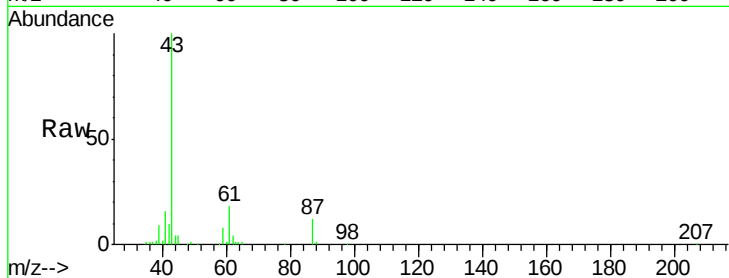
ClientSampleId :

VN0925WBS01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 162861 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 18.0  | 14.2  | 21.2   |
| 87       | 11.5  | 9.0   | 13.6   |

Manual Integrations  
APPROVED

MMDadoda  
9/29/2020 10:40:37 AM



#44

Trichloroethene

Concen: 20.447 ug/l

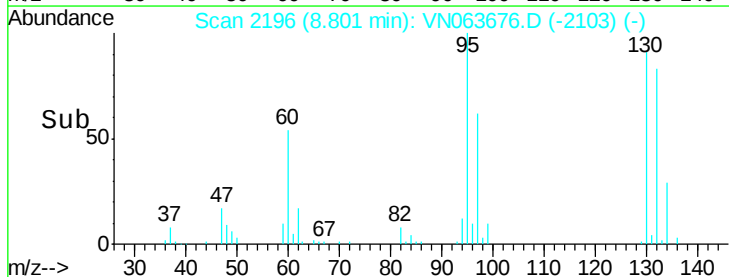
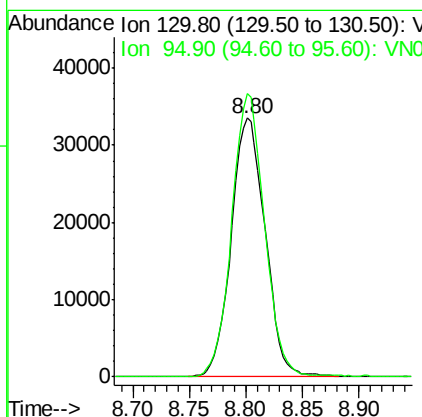
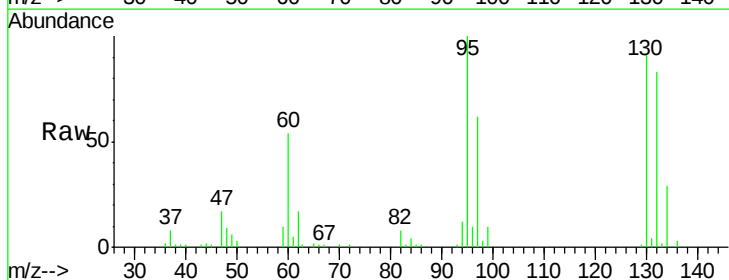
RT: 8.80 min Scan# 2196

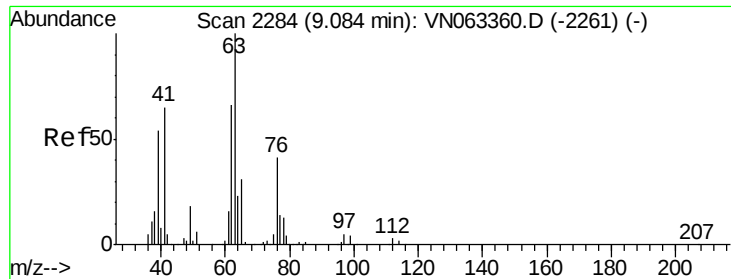
Delta R.T. -0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 70093 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 109.4 | 0.0   | 217.4 |





#45

1,2-Dichloropropane

Concen: 19.974 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

Instrument :

MSVOA\_N

ClientSampleId :

VN0925WBS01

Tot Ion: 63 Resp: 76887

Ion Ratio Lower Upper

63 100

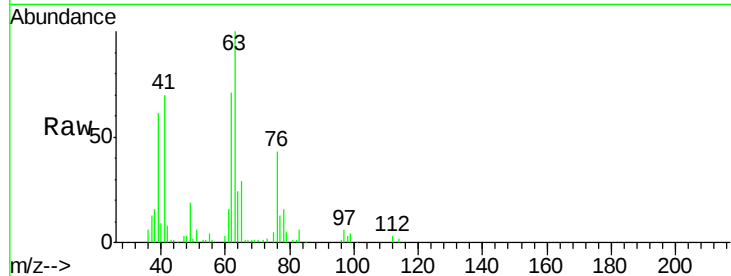
65 28.8 25.0 37.6

Manual Integrations

APPROVED

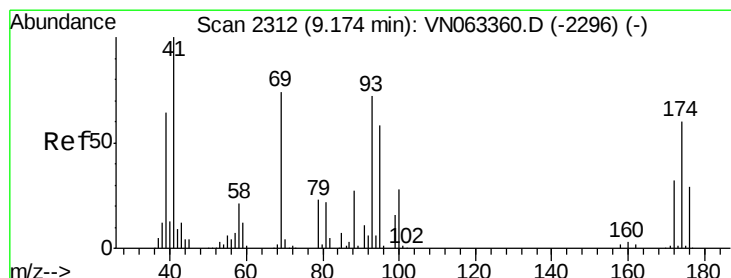
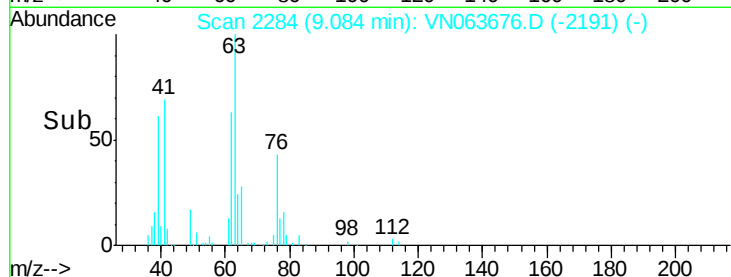
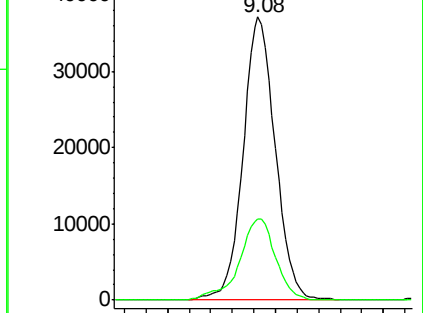
MMDadoda

9/29/2020 10:40:37 AM



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 20.542 ug/l

RT: 9.18 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

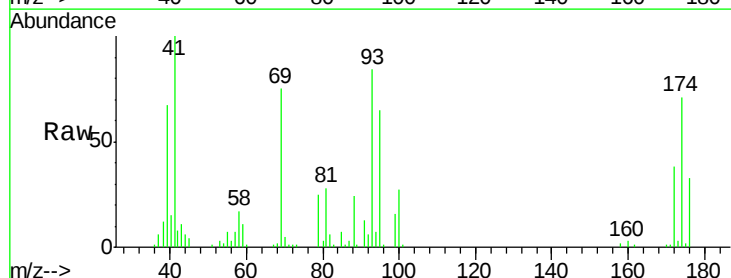
Tgt Ion: 93 Resp: 51972

Ion Ratio Lower Upper

93 100

95 80.1 65.6 98.4

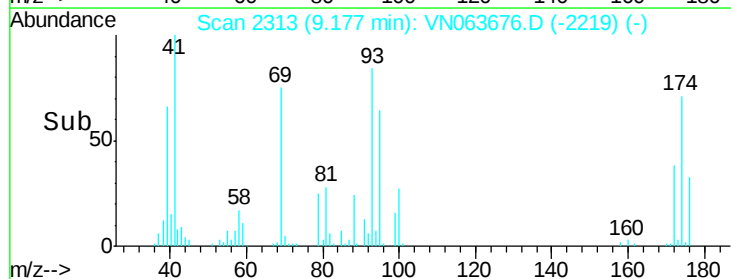
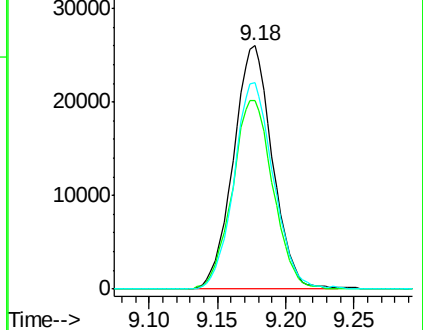
174 85.5 68.1 102.1

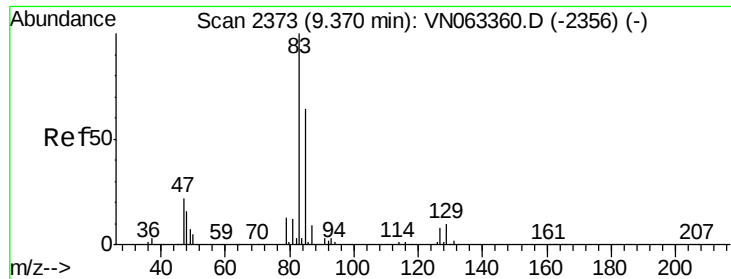


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.250 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

Instrument :

MSVOA\_N

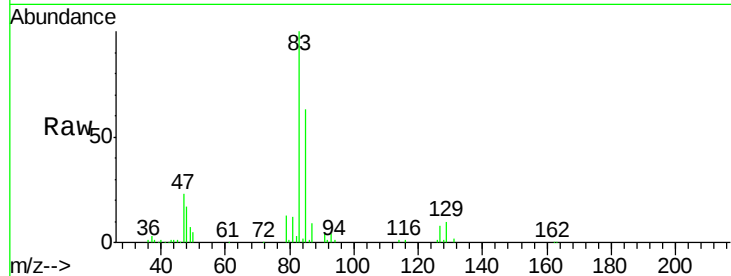
ClientSampleId :

VN0925WBS01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 106438 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 62.6  | 51.0  | 76.6   |
| 127      | 7.7   | 6.3   | 9.5    |

Manual Integrations  
APPROVED

MMDadoda  
9/29/2020 10:40:37 AM

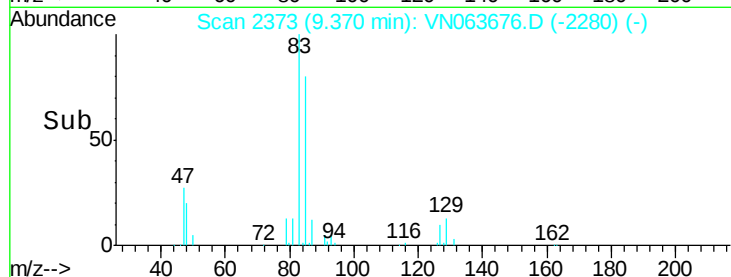


Abundance Ion 82.90 (82.60 to 83.60): VN063360.D (-2356) (-)

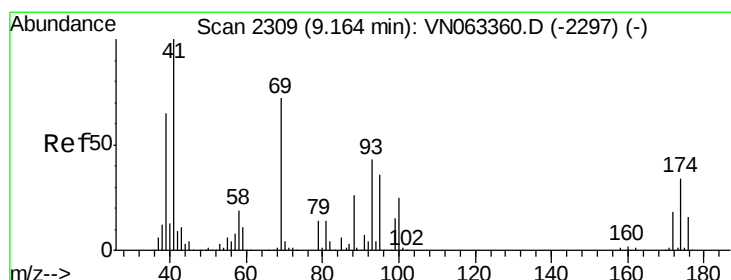
Ion 84.90 (84.60 to 85.60): VN063360.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN063360.D (-2356) (-)

Time-->



Time-->



#48

Methyl methacrylate

Concen: 19.100 ug/l

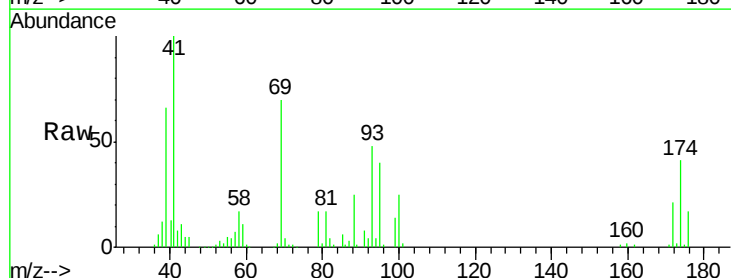
RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 81538 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 73.1  | 59.3  | 88.9  |
| 39       | 67.4  | 52.9  | 79.3  |

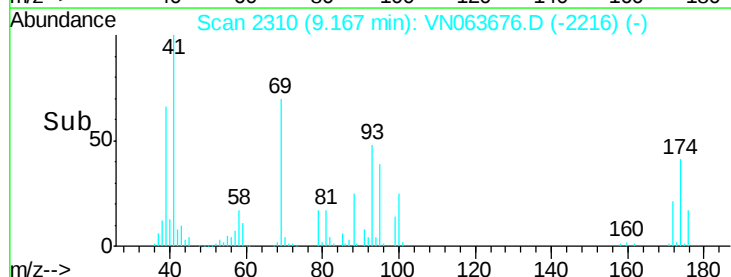


Abundance Ion 41.00 (40.70 to 41.70): VN063360.D (-2297) (-)

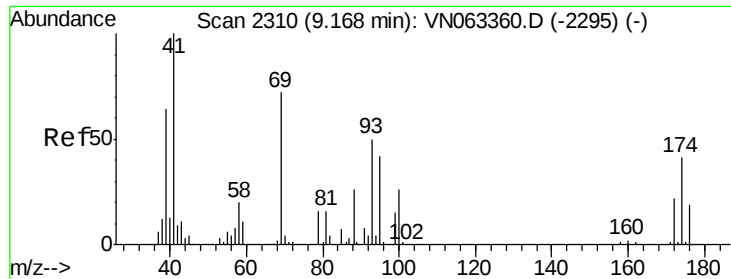
Ion 69.00 (68.70 to 69.70): VN063360.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN063360.D (-2297) (-)

Time-->



Time-->



#49

1,4-Dioxane

Concen: 353.219 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

Instrument :

MSVOA\_N

ClientSampleId :

VN0925WBS01

Tot Ion: 88 Resp: 21639

Ion Ratio Lower Upper

88 100

43 37.9 32.6 49.0

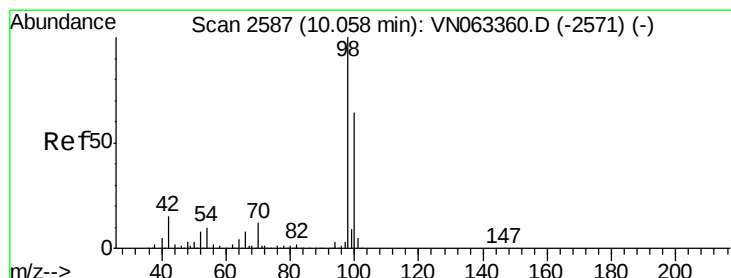
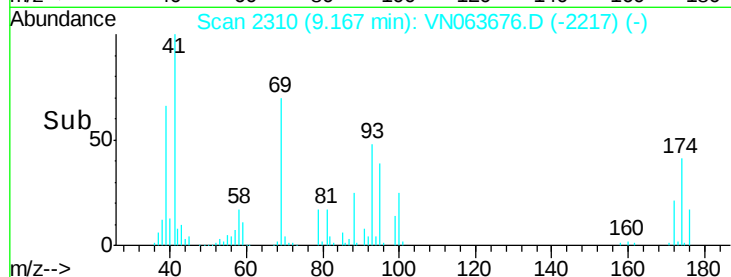
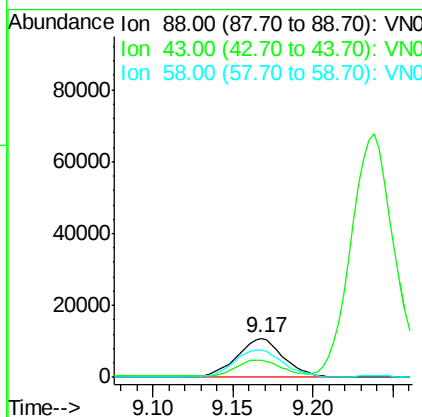
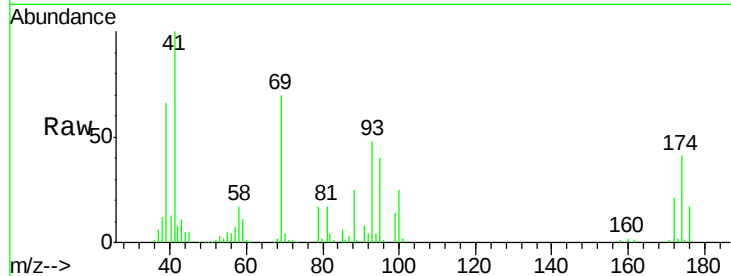
58 73.6 60.0 90.0

Manual Integrations

APPROVED

MMDadoda

9/29/2020 10:40:37 AM



#50

Toluene-d8

Concen: 49.383 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063676.D

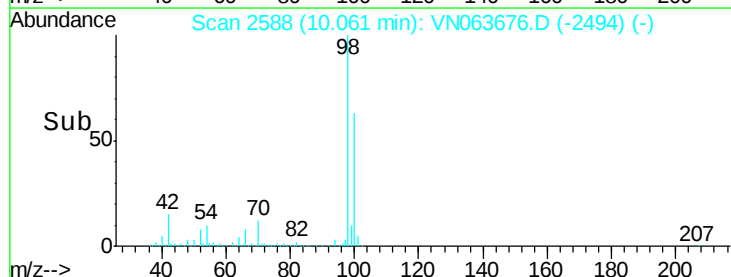
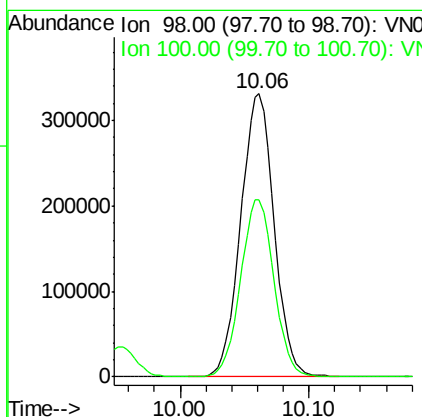
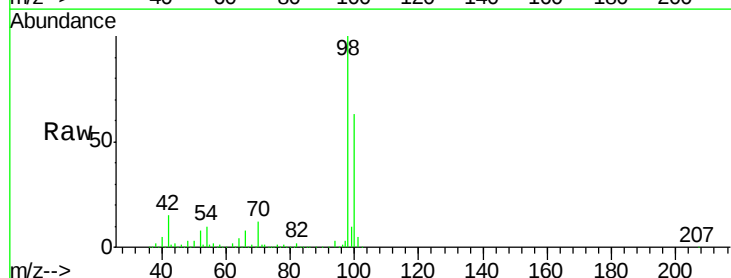
Acq: 25 Sep 2020 14:19

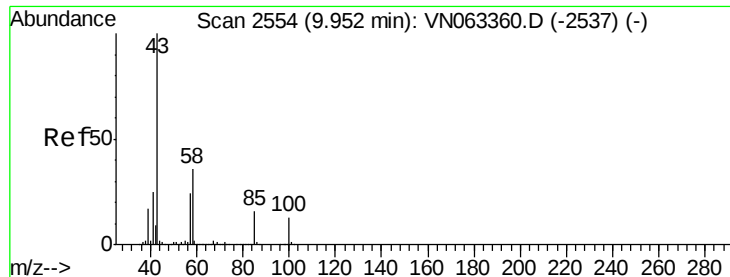
Tgt Ion: 98 Resp: 597415

Ion Ratio Lower Upper

98 100

100 62.4 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 100.203 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

Instrument :

MSVOA\_N

ClientSampleId :

VN0925WBS01

Tot Ion: 43 Resp: 487428

Ion Ratio Lower Upper

43 100

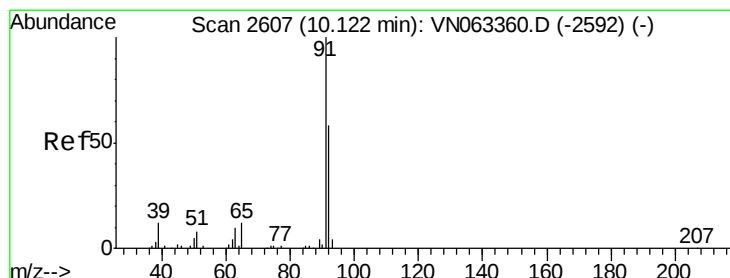
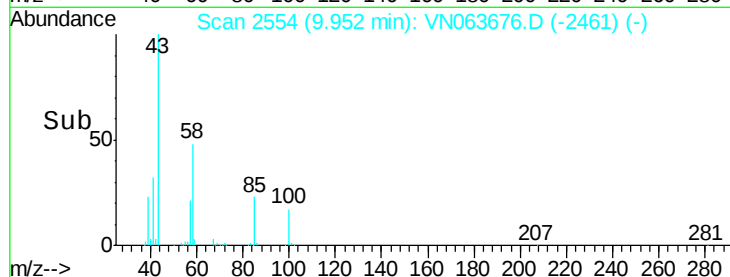
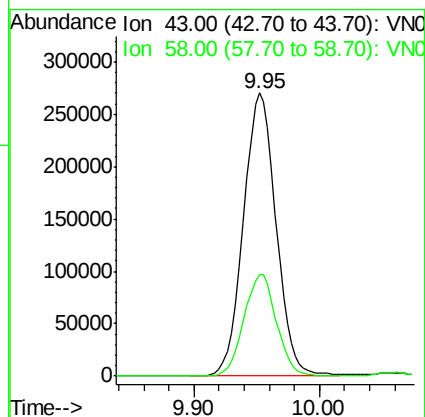
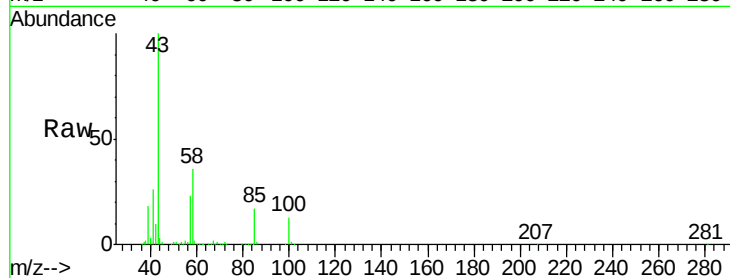
58 36.1 29.0 43.6

Manual Integrations

APPROVED

MMDadoda

9/29/2020 10:40:37 AM



#52

Toluene

Concen: 20.082 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN063676.D

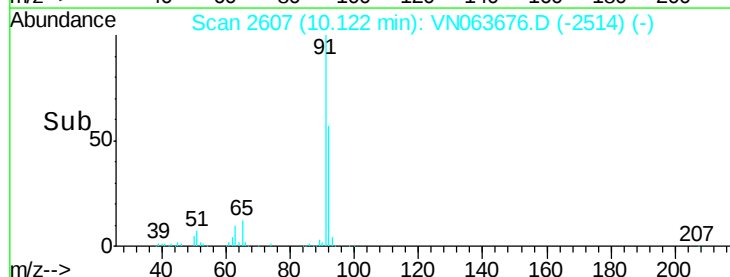
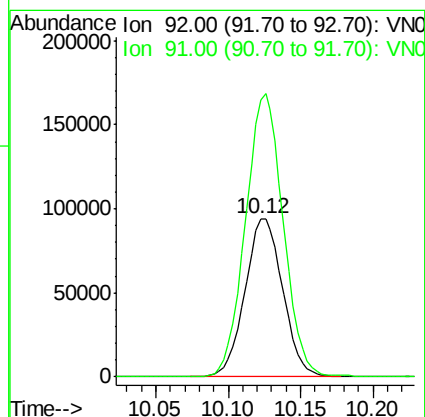
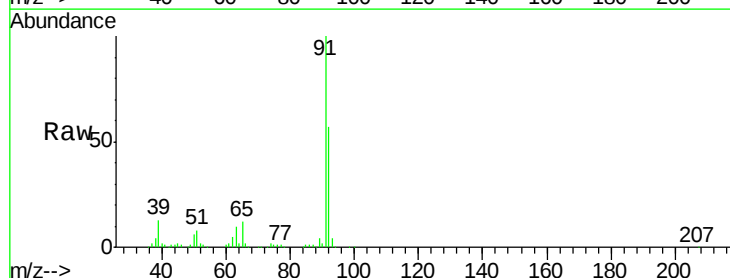
Acq: 25 Sep 2020 14:19

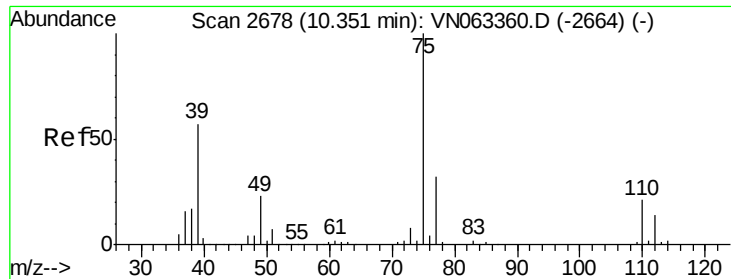
Tgt Ion: 92 Resp: 170653

Ion Ratio Lower Upper

92 100

91 178.6 139.7 209.5





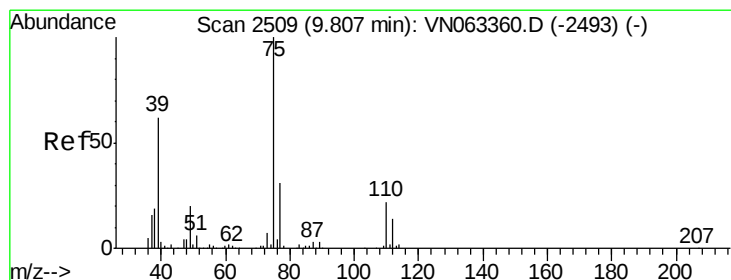
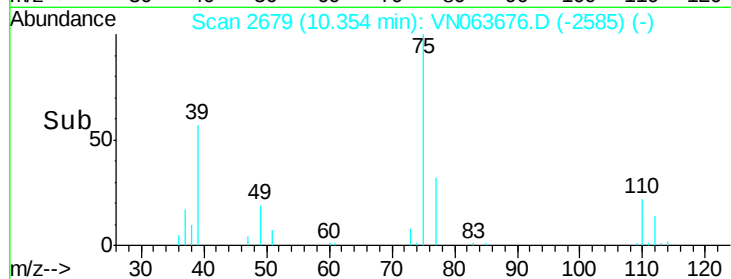
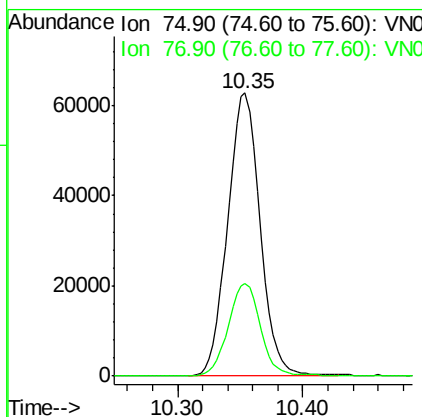
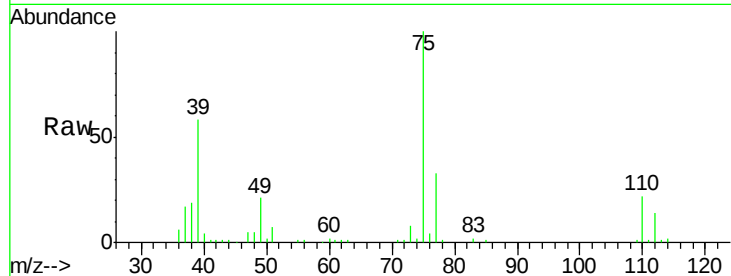
#53  
t-1,3-Dichloropropene  
Concen: 19.232 ug/l  
RT: 10.35 min Scan# 2679  
Delta R.T. 0.00 min  
Lab File: VN063676.D  
Acq: 25 Sep 2020 14:19

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0925WBS01

Tot Ion: 75 Resp: 112851  
Ion Ratio Lower Upper  
75 100  
77 32.4 25.4 38.2

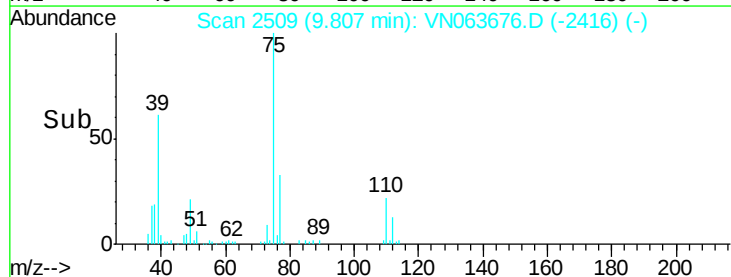
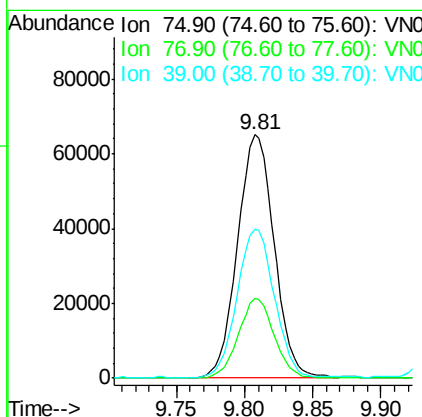
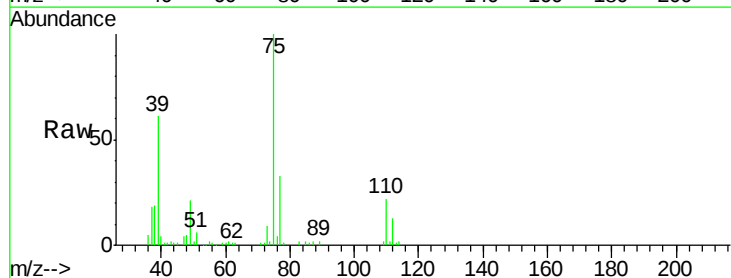
Manual Integrations  
APPROVED

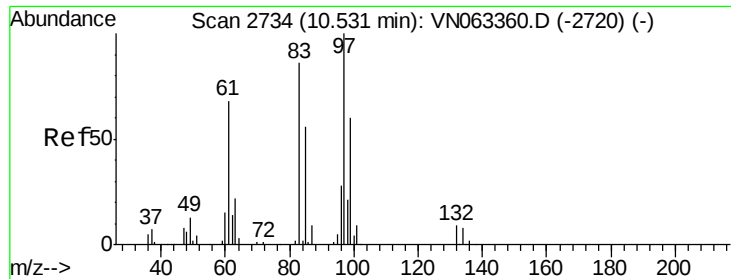
MMDadoda  
9/29/2020 10:40:37 AM



#54  
cis-1,3-Dichloropropene  
Concen: 19.679 ug/l  
RT: 9.81 min Scan# 2509  
Delta R.T. -0.00 min  
Lab File: VN063676.D  
Acq: 25 Sep 2020 14:19

Tgt Ion: 75 Resp: 121803  
Ion Ratio Lower Upper  
75 100  
77 32.6 24.6 37.0  
39 61.3 49.8 74.8





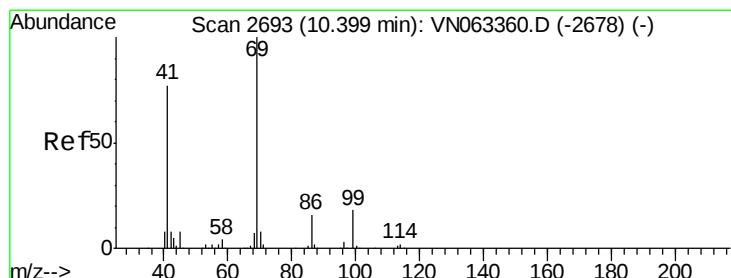
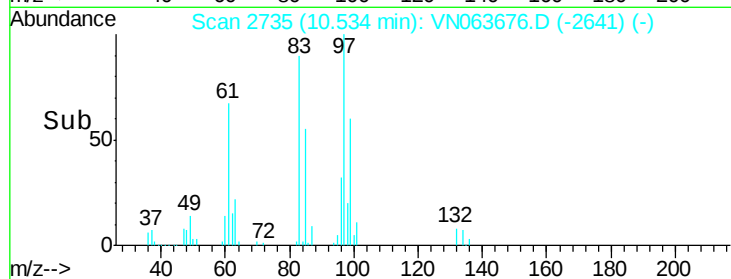
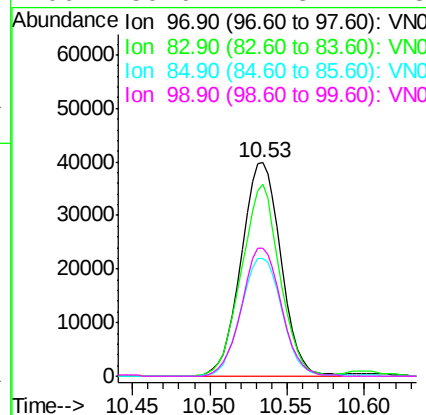
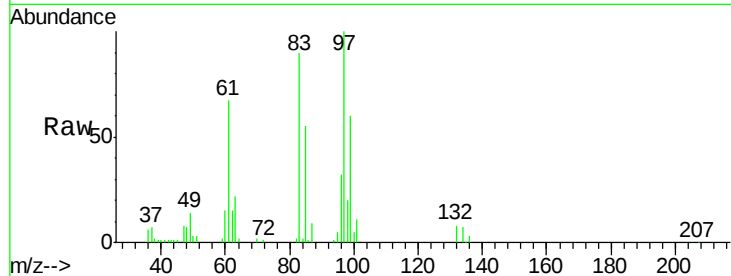
#55  
 1,1,2-Trichloroethane  
 Concen: 21.151 ug/l  
 RT: 10.53 min Scan# 2735  
 Delta R.T. 0.00 min  
 Lab File: VN063676.D  
 Acq: 25 Sep 2020 14:19

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0925WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 71392 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 89.8  | 68.9  | 103.3 |
| 85       | 55.4  | 44.8  | 67.2  |
| 99       | 59.9  | 47.8  | 71.8  |

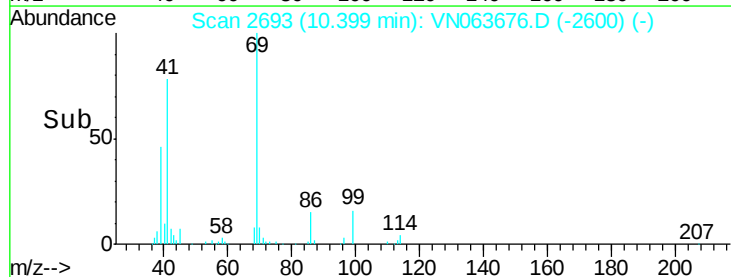
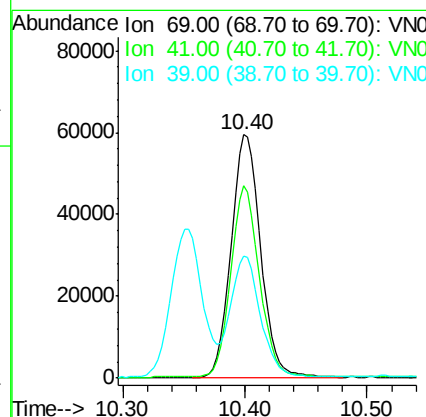
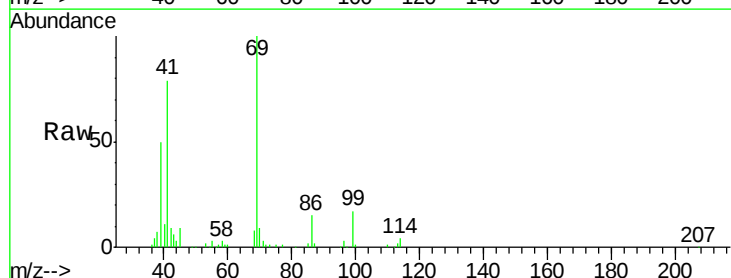
Manual Integrations  
 APPROVED

MMDadoda  
 9/29/2020 10:40:37 AM



#56  
 Ethyl methacrylate  
 Concen: 19.269 ug/l  
 RT: 10.40 min Scan# 2693  
 Delta R.T. -0.00 min  
 Lab File: VN063676.D  
 Acq: 25 Sep 2020 14:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 101533 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 75.5  | 61.0  | 91.6   |
| 39       | 50.3  | 39.2  | 58.8   |





#57

1,3-Dichloropropane

Concen: 19.839 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

Instrument :

MSVOA\_N

ClientSampleId :

VN0925WBS01

Tot Ion: 76 Resp: 120759

Ion Ratio Lower Upper

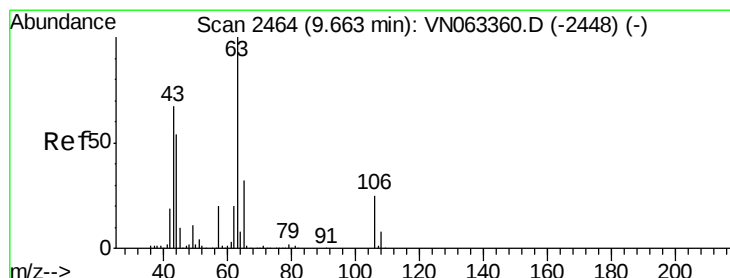
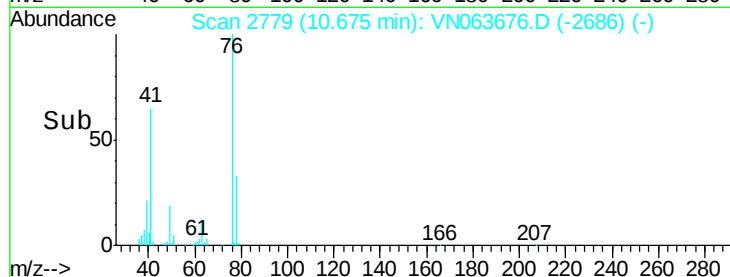
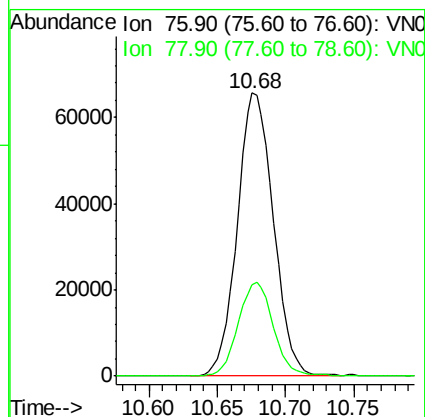
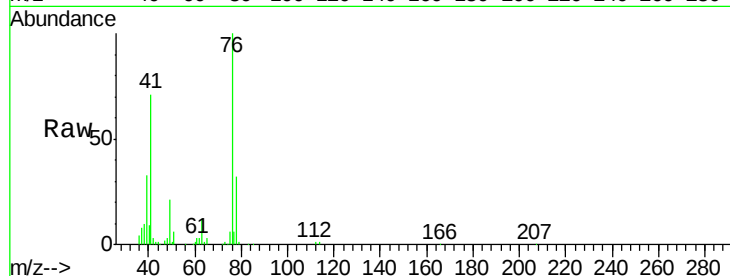
76 100

78 32.3 25.8 38.8

Manual Integrations  
APPROVED

MMDadoda

9/29/2020 10:40:37 AM



#58

2-Chloroethyl Vinyl ether

Concen: 97.936 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063676.D

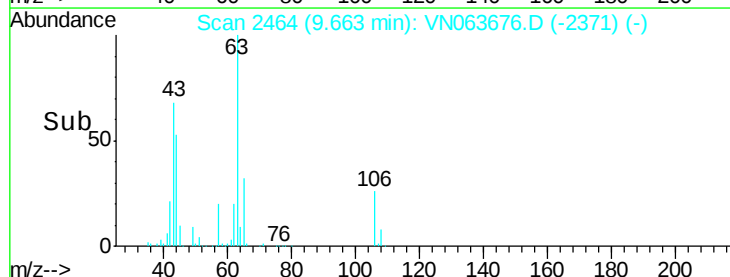
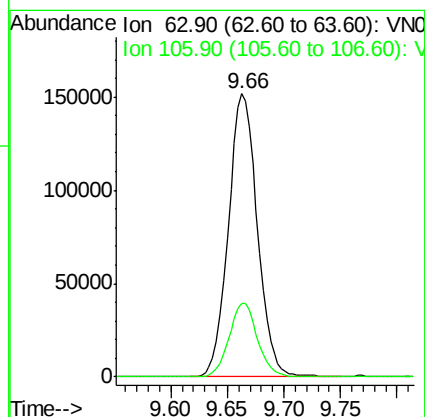
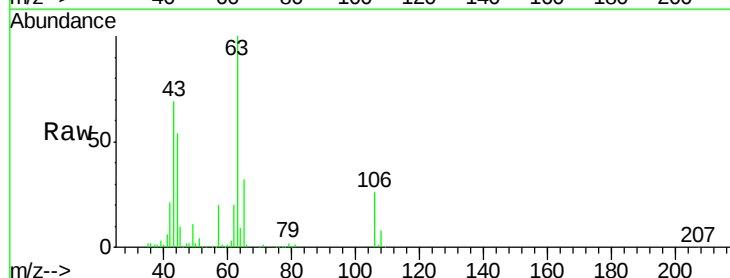
Acq: 25 Sep 2020 14:19

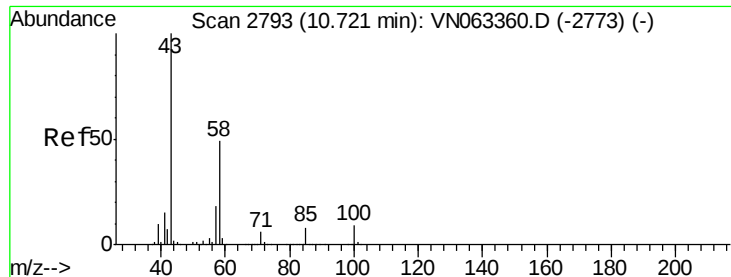
Tgt Ion: 63 Resp: 270709

Ion Ratio Lower Upper

63 100

106 25.4 19.5 29.3





#59

2-Hexanone

Concen: 100.986 ug/l

RT: 10.72 min Scan# 2794

Delta R.T. 0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

Instrument :

MSVOA\_N

ClientSampleId :

VN0925WBS01

Tot Ion: 43 Resp: 355889

Ion Ratio Lower Upper

43 100

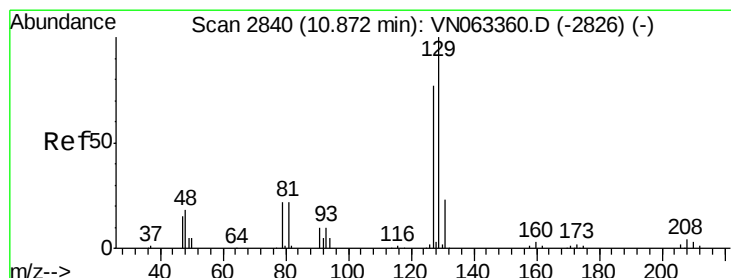
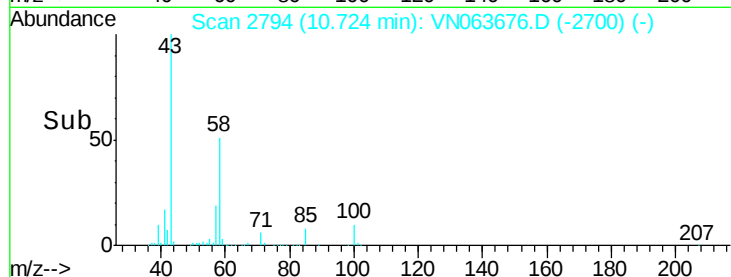
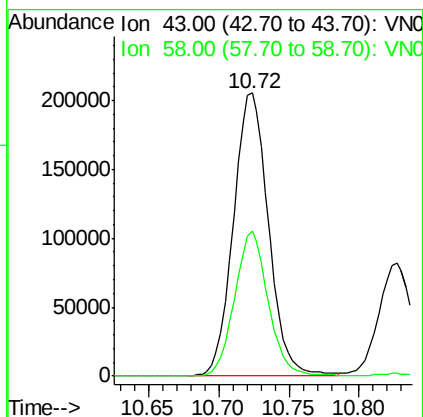
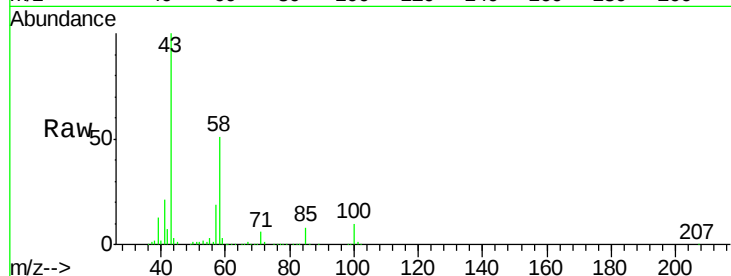
58 49.2 24.7 74.1

Manual Integrations

APPROVED

MMDadoda

9/29/2020 10:40:37 AM



#60

Dibromochloromethane

Concen: 20.243 ug/l

RT: 10.87 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN063676.D

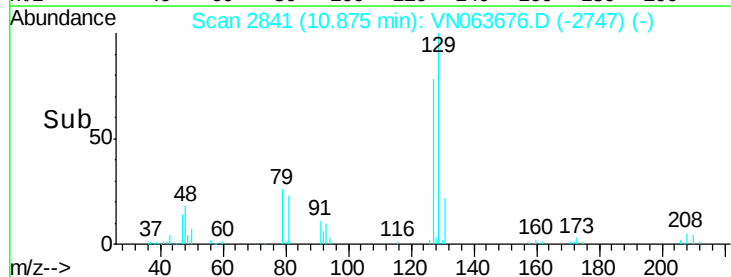
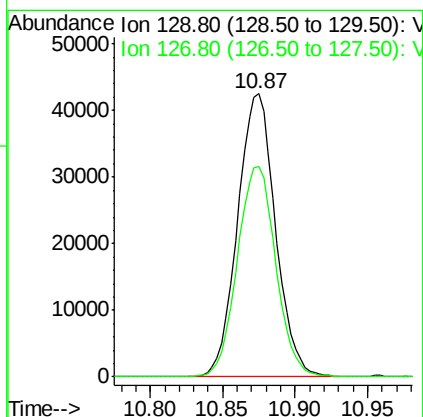
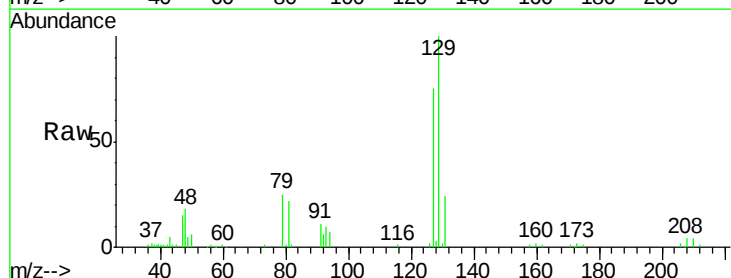
Acq: 25 Sep 2020 14:19

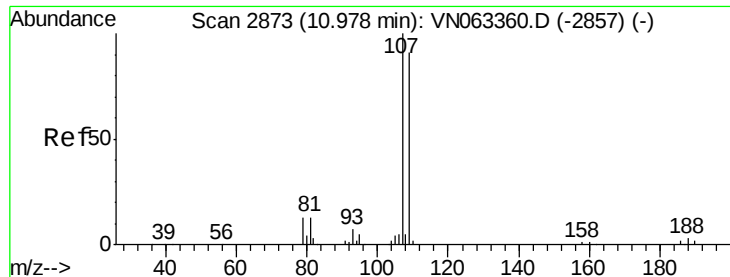
Tgt Ion: 129 Resp: 77192

Ion Ratio Lower Upper

129 100

127 75.2 39.1 117.3





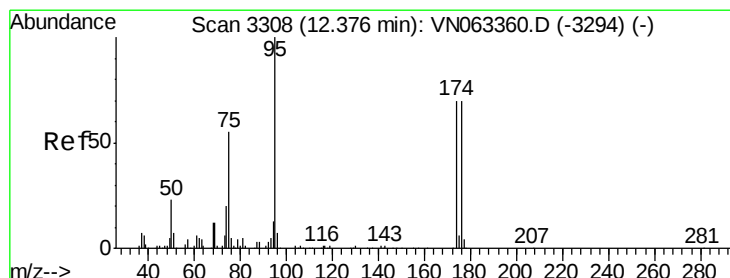
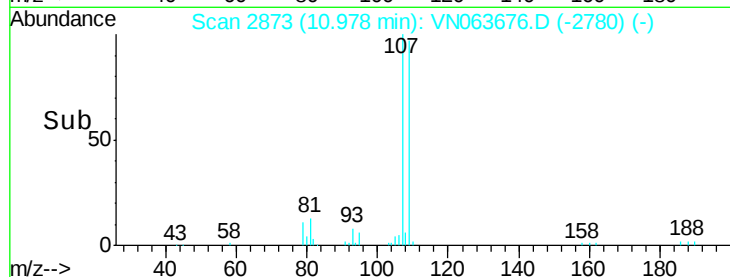
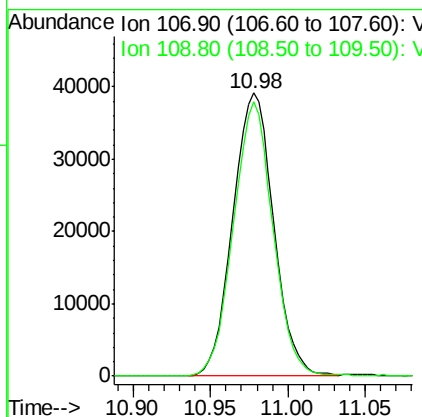
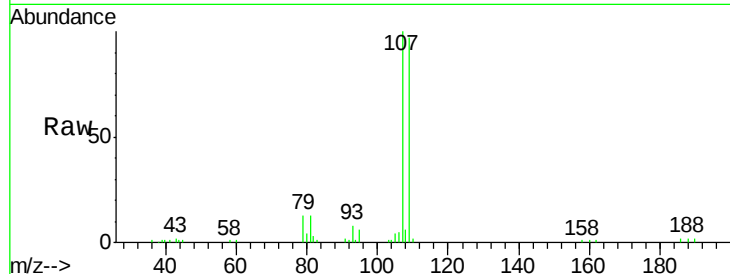
#61  
 1,2-Dibromoethane  
 Concen: 20.477 ug/l  
 RT: 10.98 min Scan# 2873  
 Delta R.T. -0.00 min  
 Lab File: VN063676.D  
 Acq: 25 Sep 2020 14:19

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0925WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 93.7  | 74.6  | 111.8 |

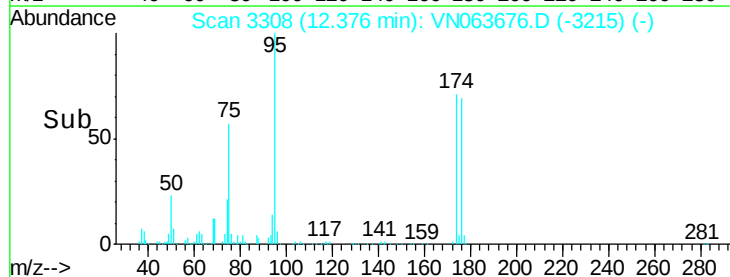
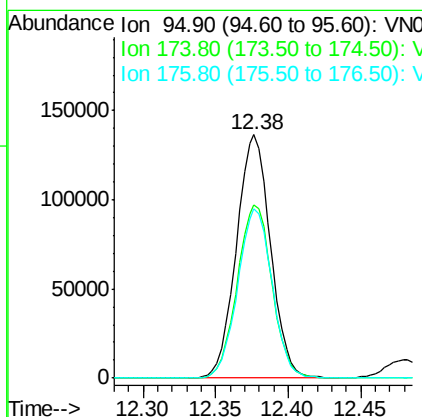
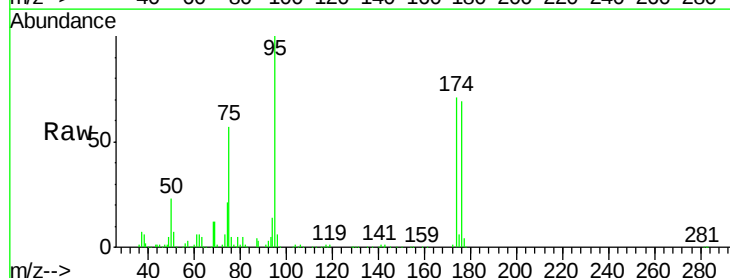
Manual Integrations  
 APPROVED

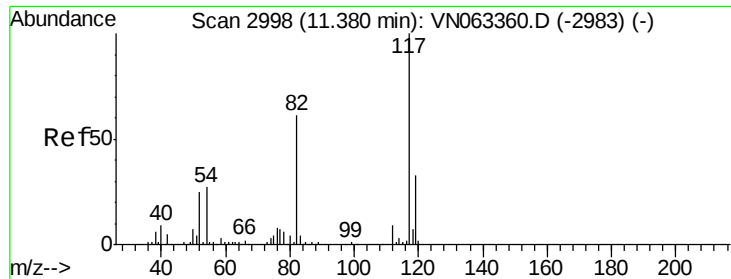
MMDadoda  
 9/29/2020 10:40:37 AM



#62  
 4-Bromofluorobenzene  
 Concen: 50.186 ug/l  
 RT: 12.38 min Scan# 3308  
 Delta R.T. -0.00 min  
 Lab File: VN063676.D  
 Acq: 25 Sep 2020 14:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 72.8  | 0.0   | 140.8 |
| 176     | 70.3  | 0.0   | 137.6 |





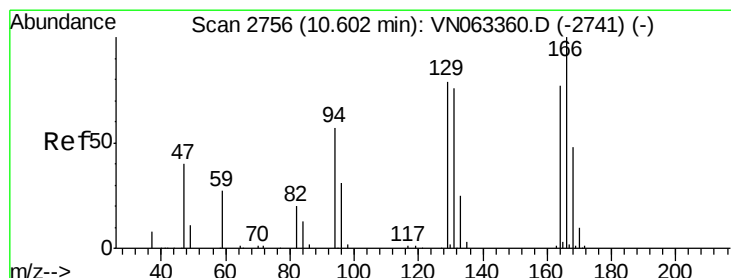
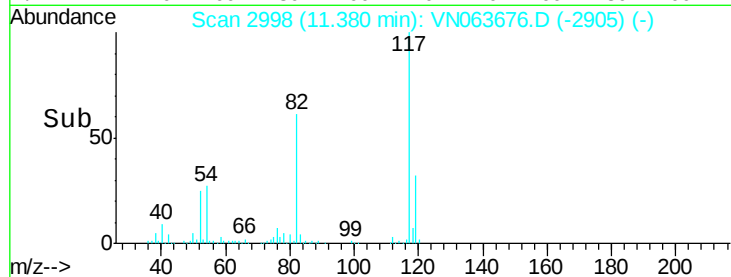
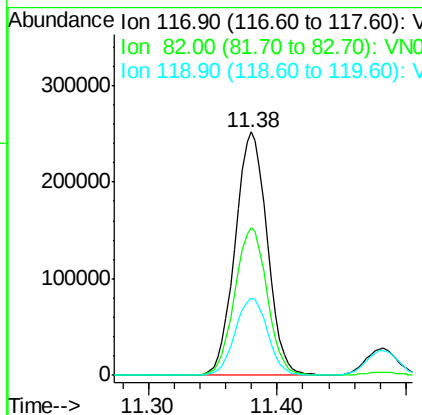
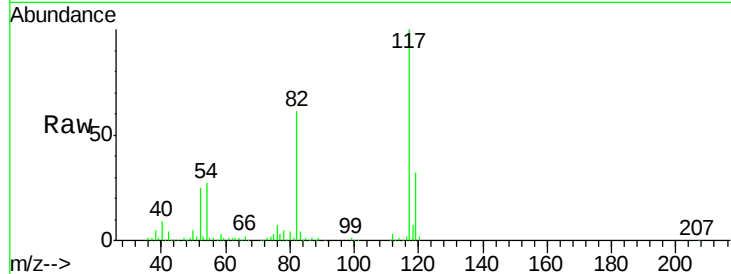
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2998  
Delta R.T. -0.00 min  
Lab File: VN063676.D  
Acq: 25 Sep 2020 14:19

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0925WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 435758 |       |       |
| 82      | 60.8  | 49.2   | 73.8  |       |
| 119     | 31.8  | 26.2   | 39.4  |       |

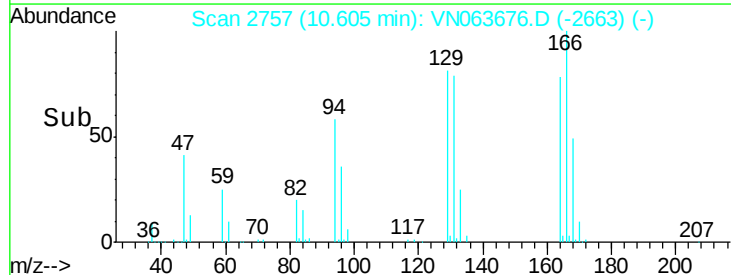
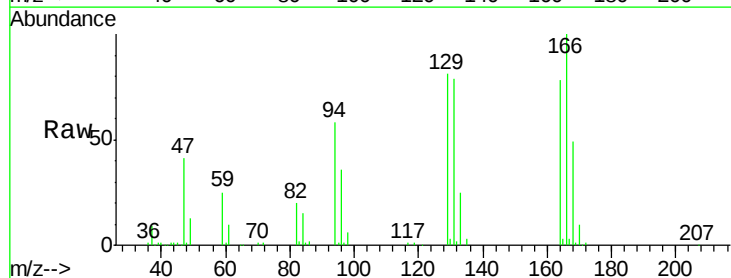
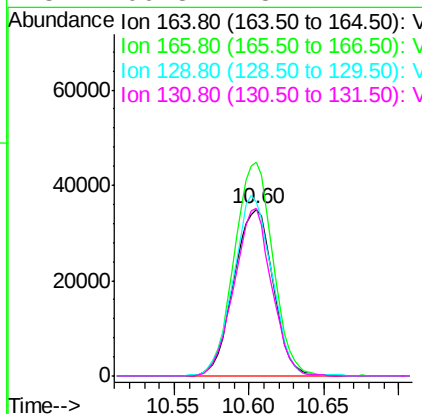
Manual Integrations  
APPROVED

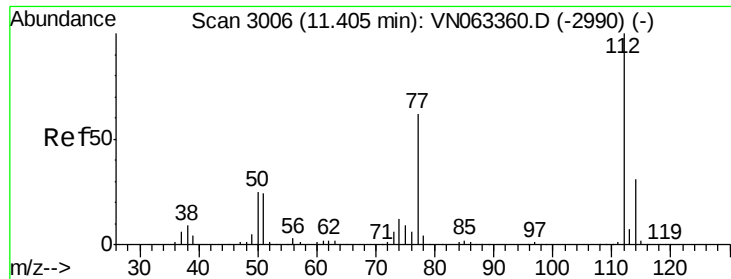
MMDadoda  
9/29/2020 10:40:37 AM



#64  
Tetrachloroethene  
Concen: 21.589 ug/l  
RT: 10.60 min Scan# 2757  
Delta R.T. 0.00 min  
Lab File: VN063676.D  
Acq: 25 Sep 2020 14:19

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   | 64059 |       |       |
| 166     | 128.3 | 103.4 | 155.0 |       |
| 129     | 104.0 | 81.8  | 122.6 |       |
| 131     | 100.8 | 78.2  | 117.4 |       |





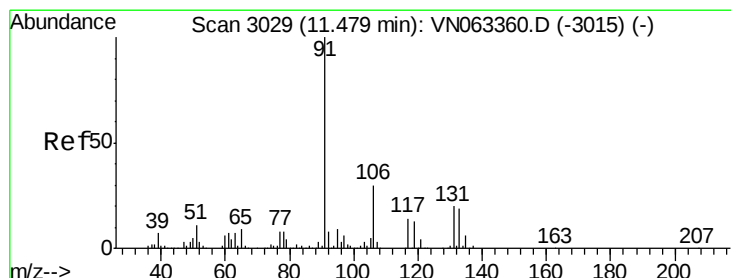
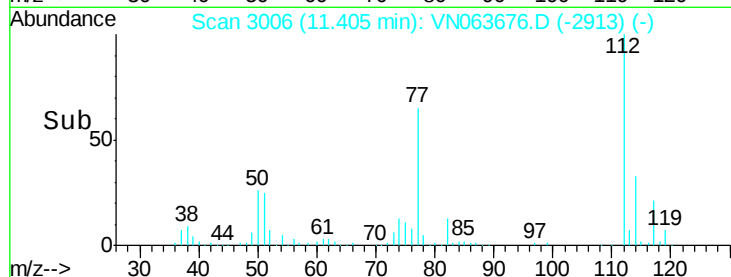
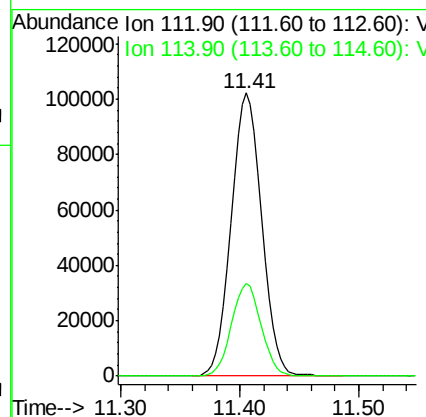
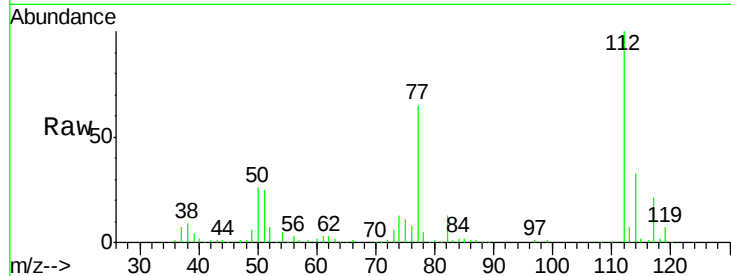
#65  
Chlorobenzene  
Concen: 19.647 ug/l  
RT: 11.41 min Scan# 3006  
Delta R.T. -0.00 min  
Lab File: VN063676.D  
Acq: 25 Sep 2020 14:19

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0925WBS01

Tot Ion:112 Resp: 181736  
Ion Ratio Lower Upper  
112 100  
114 32.9 25.0 37.6

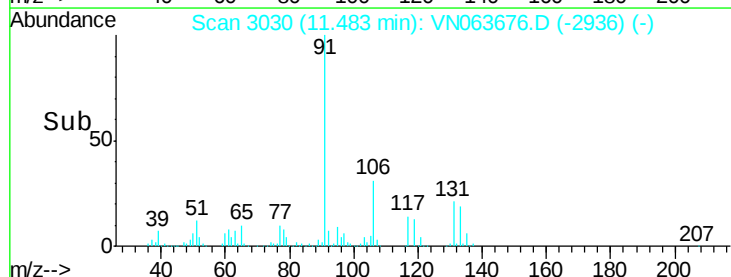
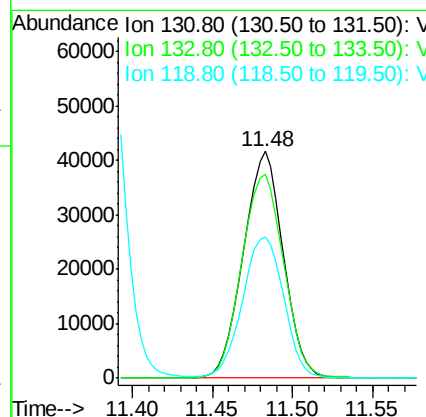
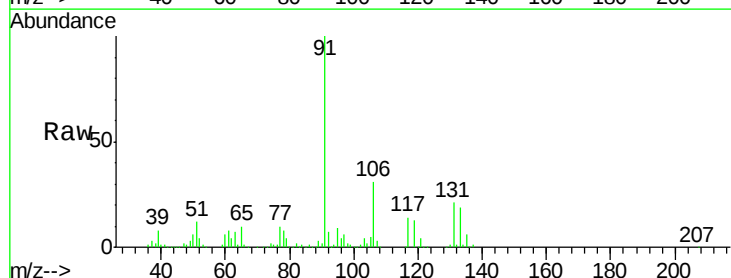
Manual Integrations  
APPROVED

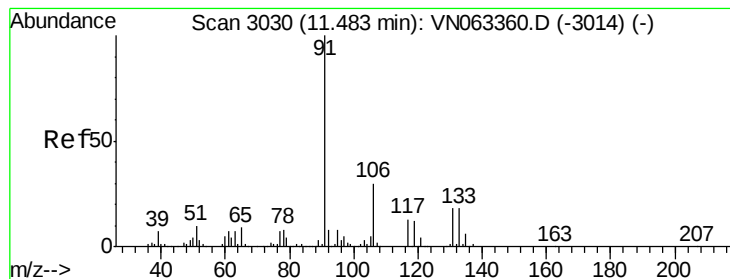
MMDadoda  
9/29/2020 10:40:37 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.846 ug/l  
RT: 11.48 min Scan# 3030  
Delta R.T. 0.00 min  
Lab File: VN063676.D  
Acq: 25 Sep 2020 14:19

Tgt Ion:131 Resp: 70683  
Ion Ratio Lower Upper  
131 100  
133 94.9 47.3 141.9  
119 64.4 33.6 100.8





#67

Ethyl Benzene

Concen: 19.000 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

Instrument :

MSVOA\_N

ClientSampled :

VN0925WBS01

Tot Ion: 91 Resp: 330976

Ion Ratio Lower Upper

91 100

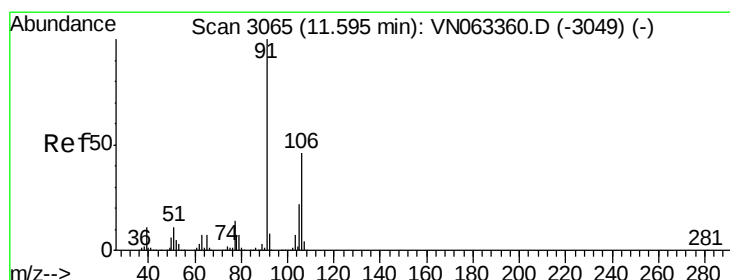
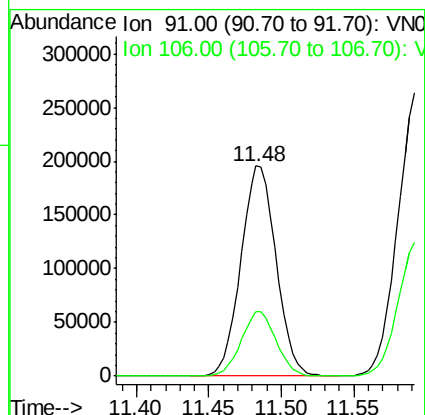
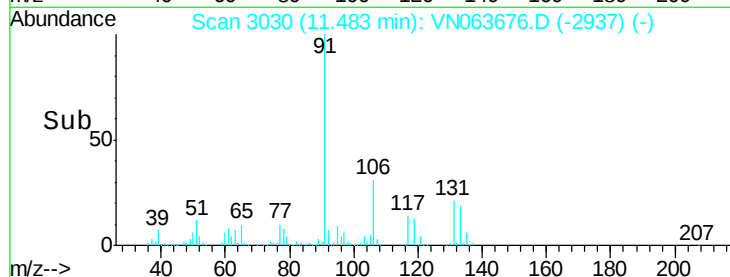
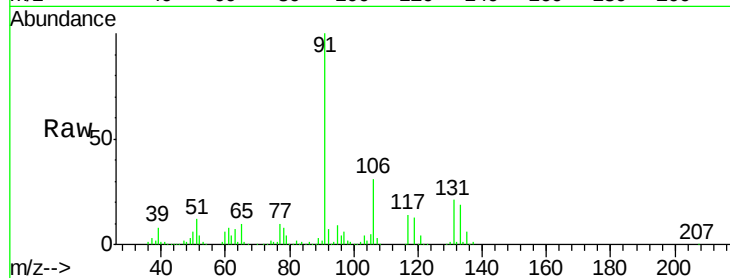
106 30.5 23.8 35.6

Manual Integrations

APPROVED

MMDadoda

9/29/2020 10:40:37 AM



#68

m/p-Xylenes

Concen: 39.282 ug/l

RT: 11.60 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN063676.D

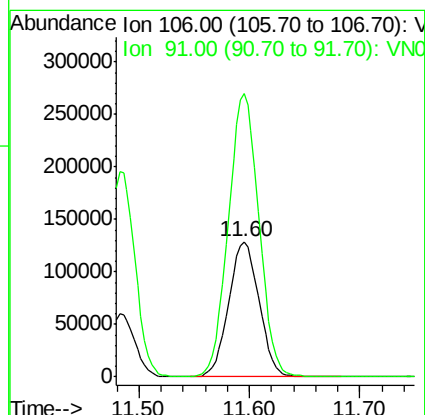
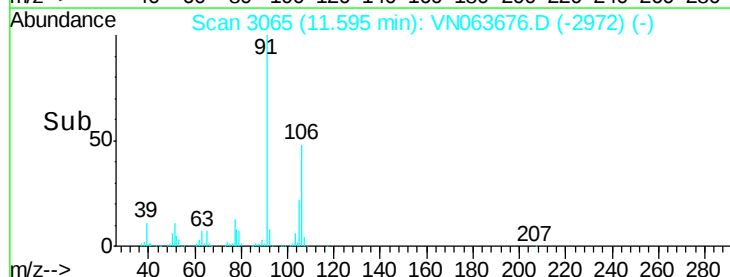
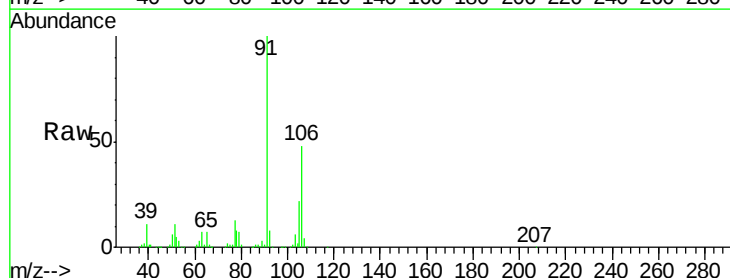
Acq: 25 Sep 2020 14:19

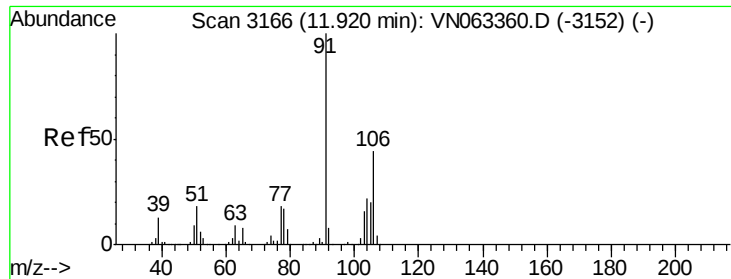
Tgt Ion: 106 Resp: 246710

Ion Ratio Lower Upper

106 100

91 209.2 171.2 256.8





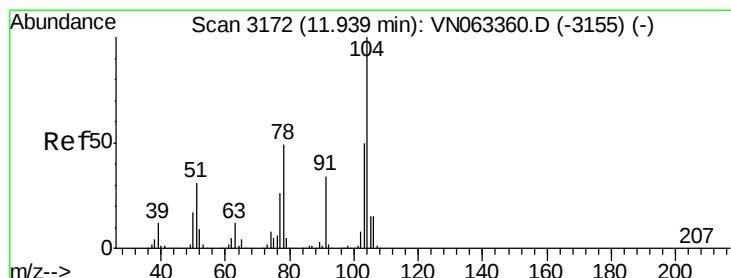
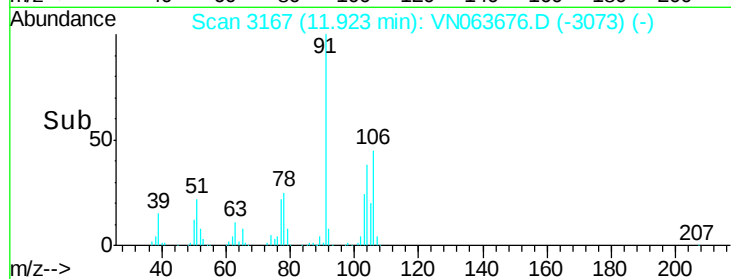
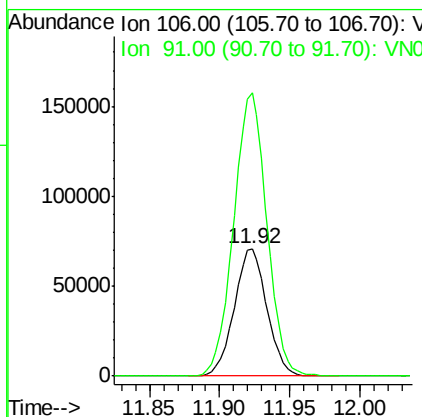
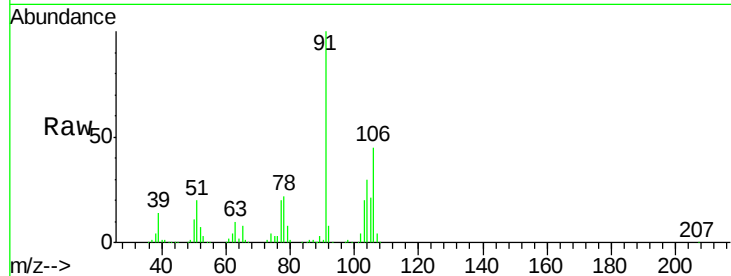
#69  
o-Xylene  
Concen: 19.207 ug/l  
RT: 11.92 min Scan# 3167  
Delta R.T. 0.00 min  
Lab File: VN063676.D  
Acq: 25 Sep 2020 14:19

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0925WBS01

| Tot Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 106     | 100   |       |       |       |       |
| 91      | 226.0 | 113.6 | 340.8 |       |       |

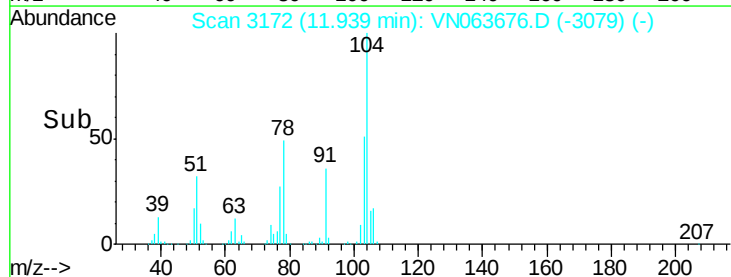
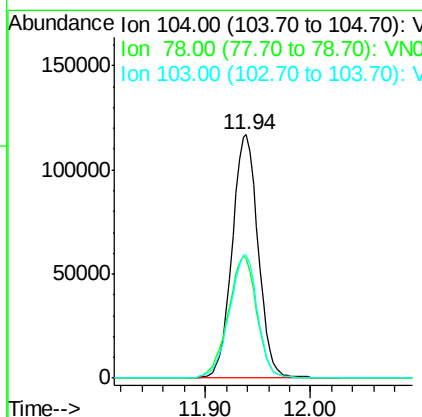
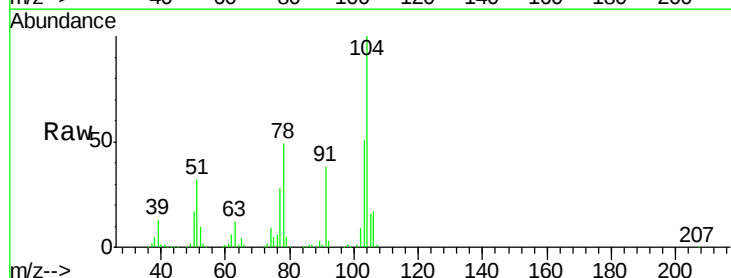
Manual Integrations  
APPROVED

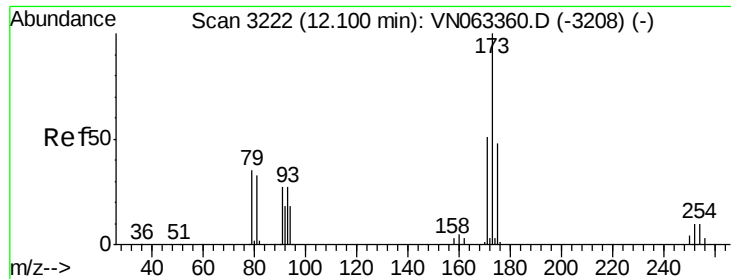
MMDadoda  
9/29/2020 10:40:37 AM



#70  
Styrene  
Concen: 19.889 ug/l  
RT: 11.94 min Scan# 3172  
Delta R.T. -0.00 min  
Lab File: VN063676.D  
Acq: 25 Sep 2020 14:19

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 104     | 100  |       |      |       |       |
| 78      | 55.3 | 44.4  | 66.6 |       |       |
| 103     | 54.6 | 43.7  | 65.5 |       |       |





#71

Bromoform

Concen: 18.975 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

Instrument :

MSVOA\_N

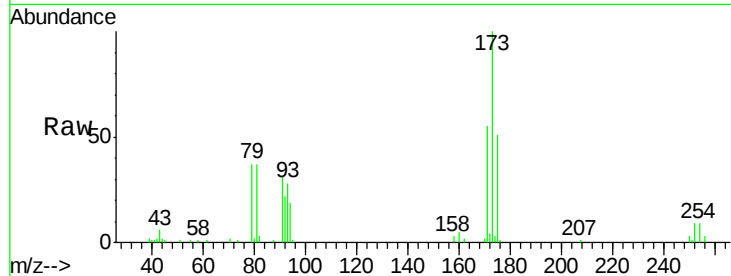
ClientSampleId :

VN0925WBS01

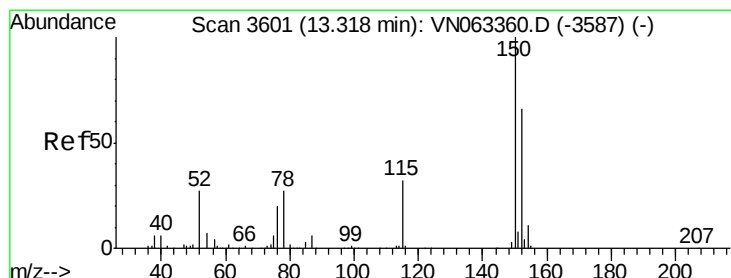
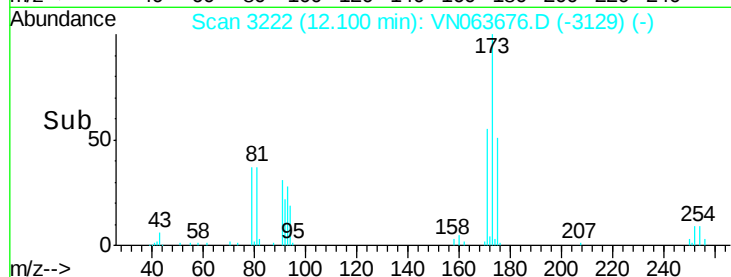
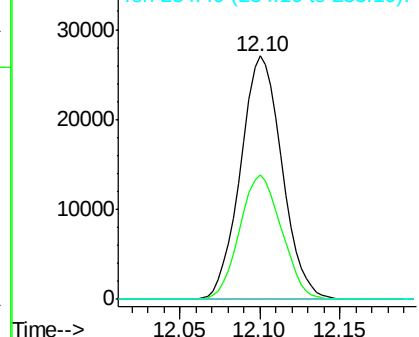
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 173   | Resp: | 47930 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 51.4  | 24.0  | 72.0  |
| 254       | 0.0   | 0.0   | 0.0   |

Manual Integrations  
APPROVED

MMDadoda  
9/29/2020 10:40:37 AM



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

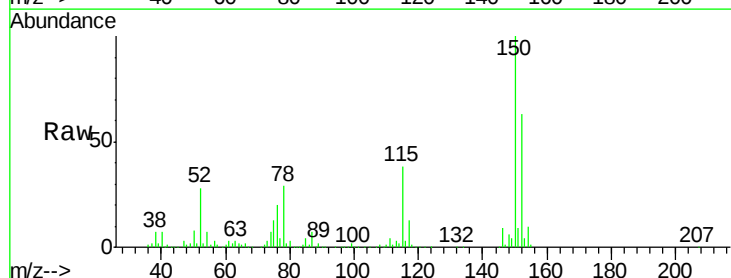
RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

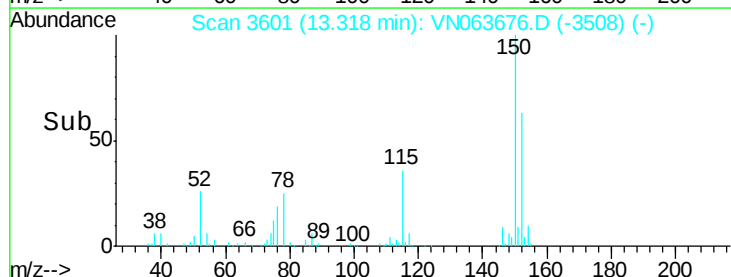
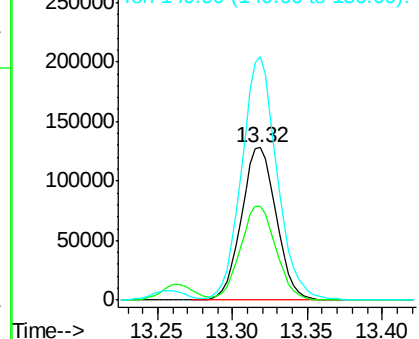
Lab File: VN063676.D

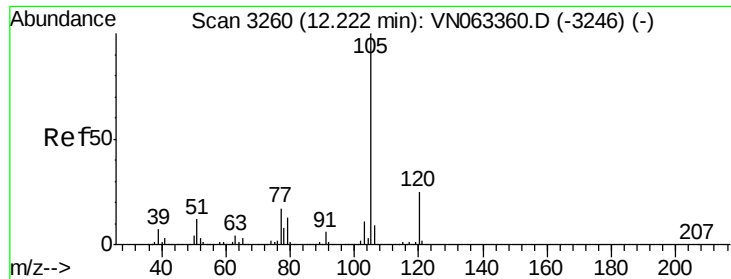
Acq: 25 Sep 2020 14:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 207930 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 62.6  | 32.2  | 96.6   |
| 150       | 161.7 | 0.0   | 343.4  |



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





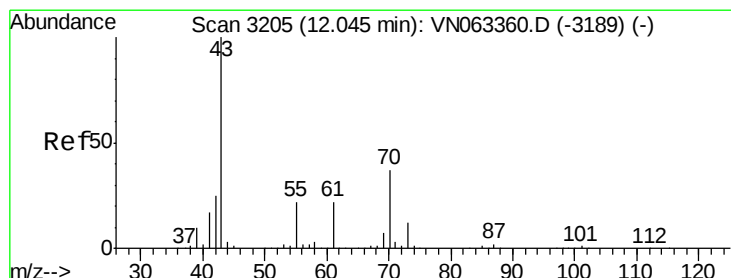
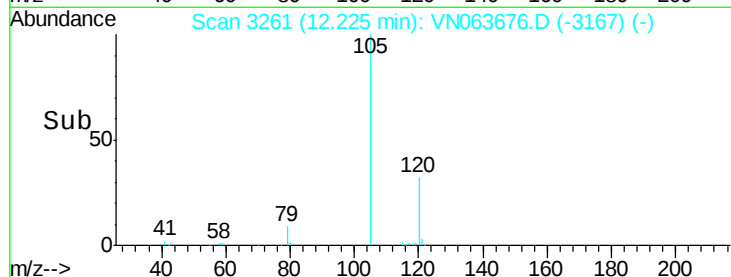
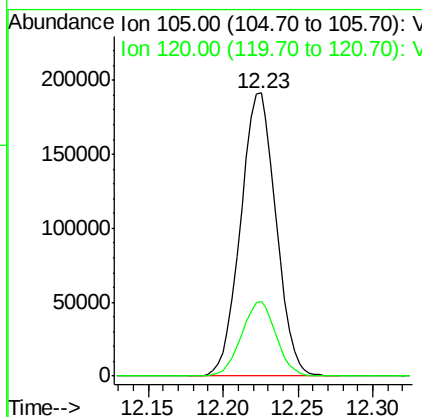
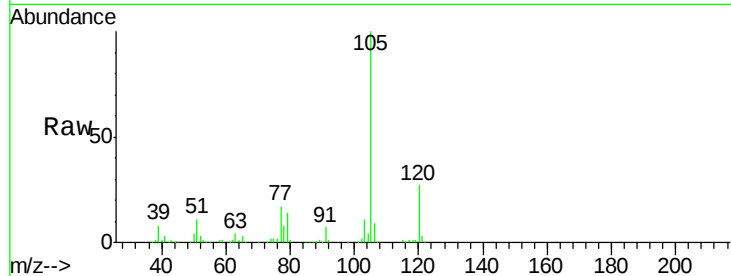
#73  
Isopropylbenzene  
Concen: 18.957 ug/l  
RT: 12.23 min Scan# 3261  
Delta R.T. 0.00 min  
Lab File: VN063676.D  
Acq: 25 Sep 2020 14:19

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0925WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 25.7  | 12.7  | 38.0  |

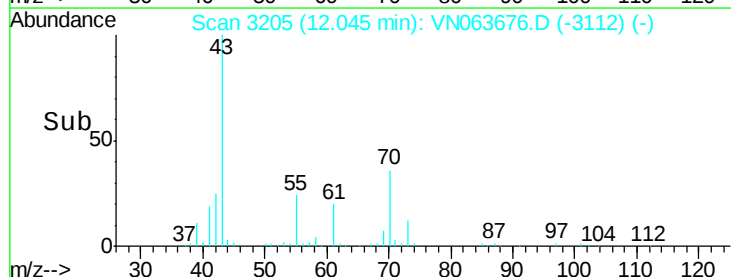
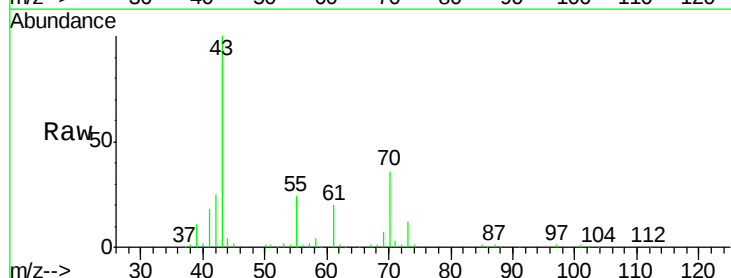
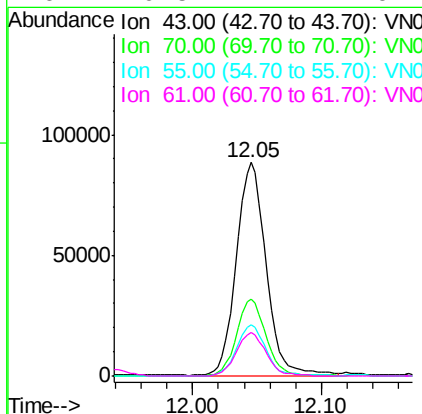
Manual Integrations  
APPROVED

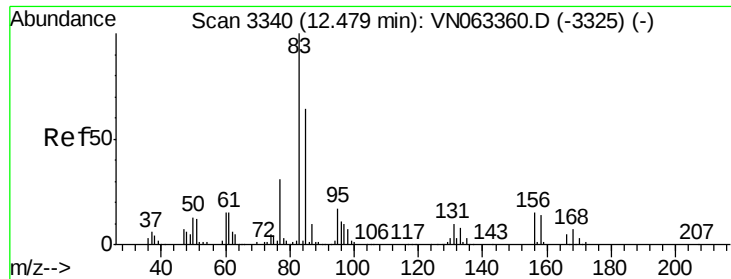
MMDadoda  
9/29/2020 10:40:37 AM



#74  
N-ethyl acetate  
Concen: 17.937 ug/l  
RT: 12.05 min Scan# 3205  
Delta R.T. -0.00 min  
Lab File: VN063676.D  
Acq: 25 Sep 2020 14:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 70      | 36.1  | 29.6  | 44.4  |
| 55      | 23.7  | 17.7  | 26.5  |
| 61      | 20.5  | 17.4  | 26.2  |





#75

1,1,2,2-Tetrachloroethane

Concen: 19.766 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

Instrument :

MSVOA\_N

ClientSampleId :

VN0925WBS01

Tot Ion: 83 Resp: 101974

Ion Ratio Lower Upper

83 100

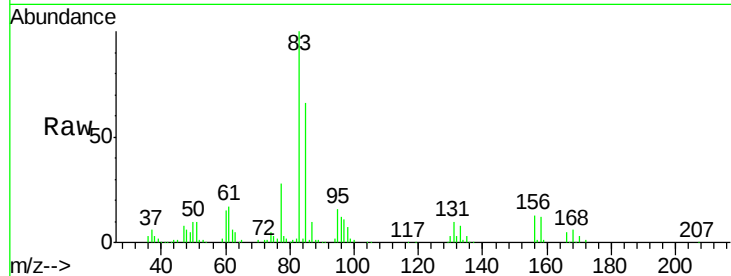
131 9.8 4.9 14.7

85 64.8 32.0 96.0

Manual Integrations  
APPROVED

MMDadoda

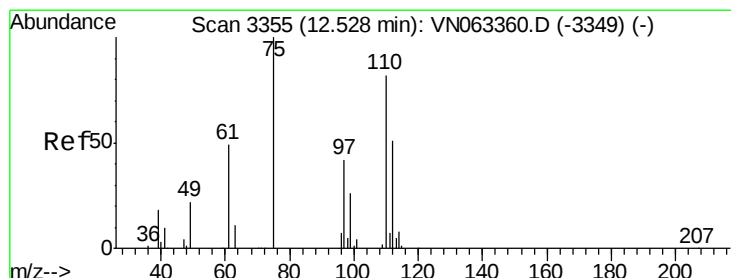
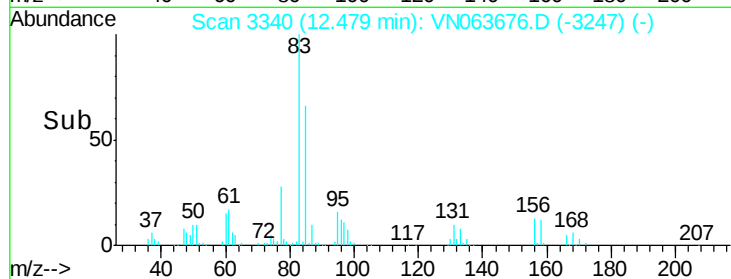
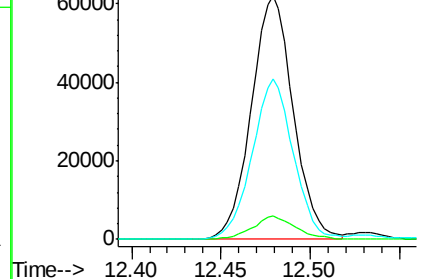
9/29/2020 10:40:37 AM



Abundance Ion 82.90 (82.60 to 83.60): VN063360.D (-3325) (-)

Ion 130.80 (130.50 to 131.50): VN063360.D (-3325) (-)

Ion 84.90 (84.60 to 85.60): VN063360.D (-3325) (-)



#76

1,2,3-Trichloropropane

Concen: 17.784 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063676.D

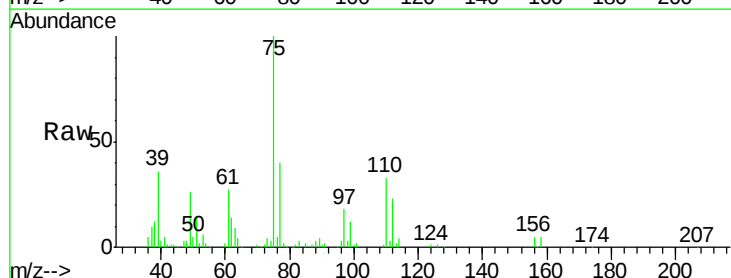
Acq: 25 Sep 2020 14:19

Tgt Ion: 75 Resp: 91524

Ion Ratio Lower Upper

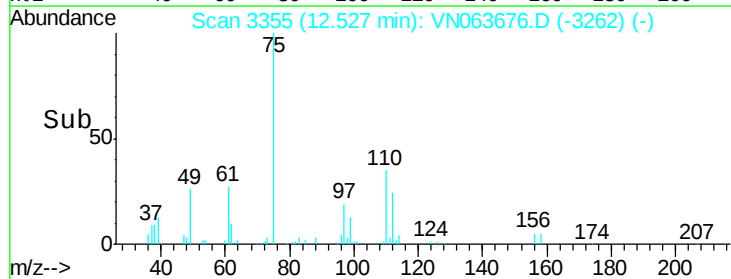
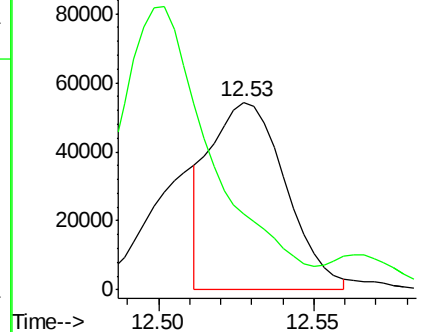
75 100

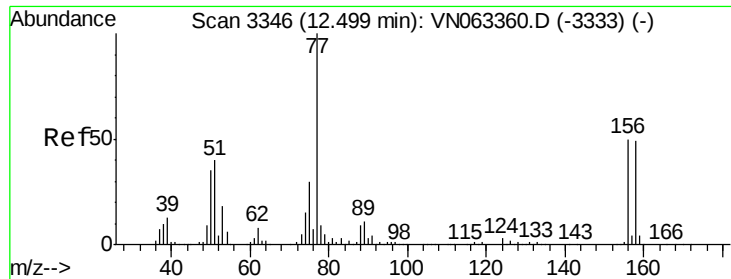
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063360.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN063360.D (-3349) (-)





#77

Bromobenzene

Concen: 20.517 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

Instrument :

MSVOA\_N

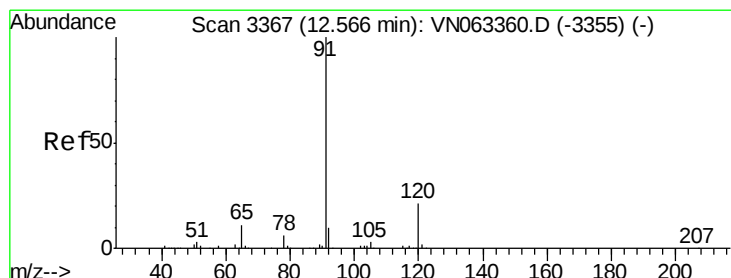
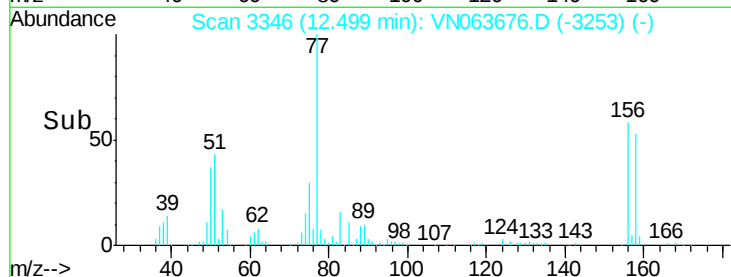
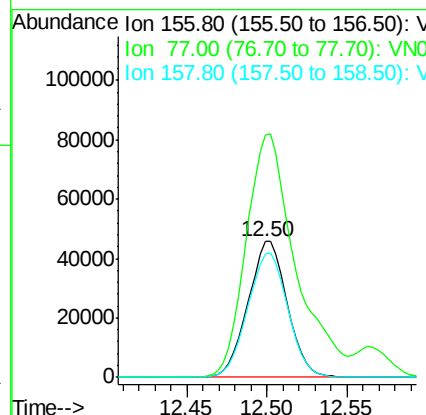
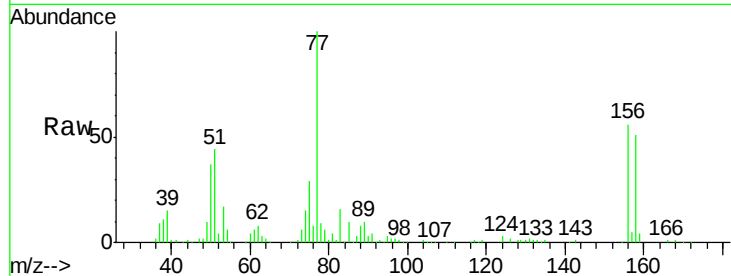
ClientSampleId :

VN0925WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 156   | Resp: | 76901 |
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 226.2 | 120.2 | 360.6 |
| 158       | 93.9  | 48.9  | 146.6 |

Manual Integrations  
APPROVED

MMDadoda  
9/29/2020 10:40:37 AM



#78

n-propylbenzene

Concen: 18.845 ug/l

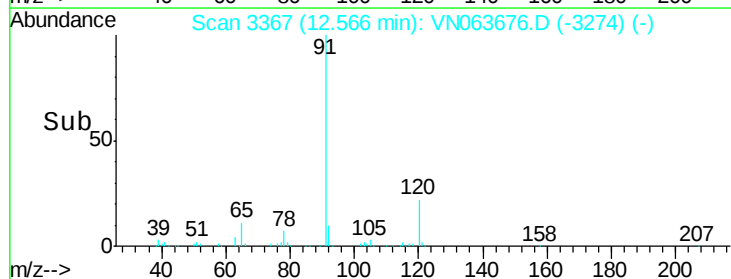
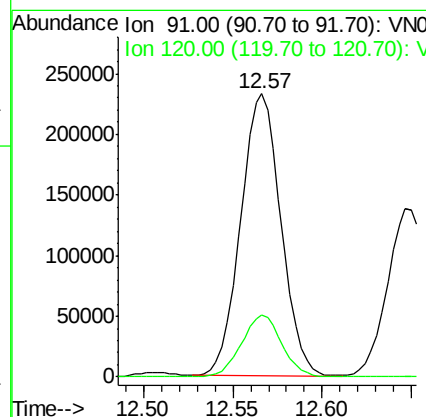
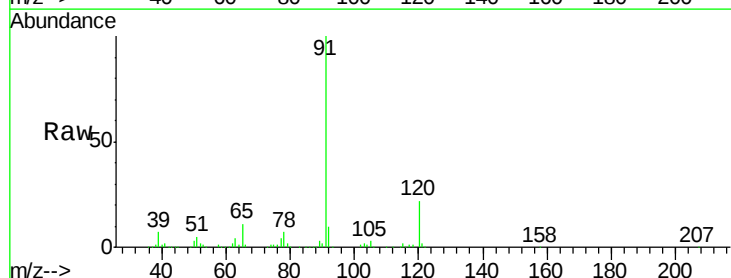
RT: 12.57 min Scan# 3367

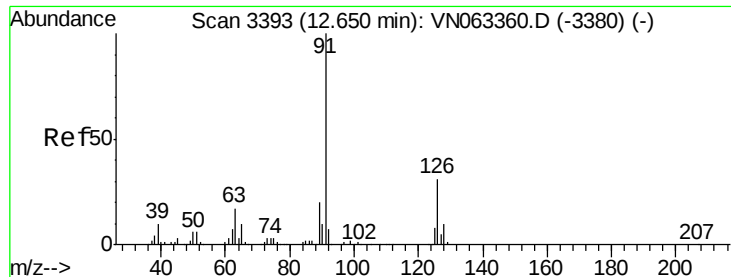
Delta R.T. -0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 365733 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 21.9  | 10.8  | 32.3   |





#79

2-Chlorotoluene

Concen: 19.418 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

Instrument :

MSVOA\_N

ClientSampleId :

VN0925WBS01

Tot Ion: 91 Resp: 225902

Ion Ratio Lower Upper

91 100

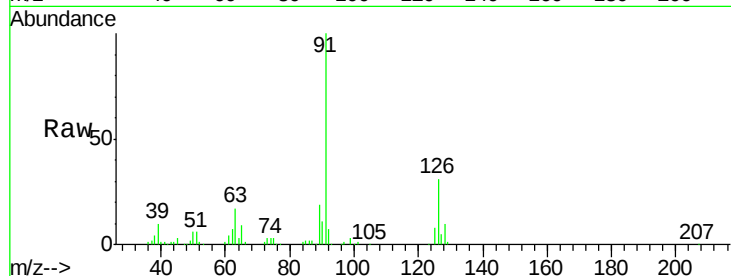
126 31.3 15.8 47.3

Manual Integrations

APPROVED

MMDadoda

9/29/2020 10:40:37 AM



Abundance Ion 91.00 (90.70 to 91.70): VN063360.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN063360.D (-3380) (-)

150000

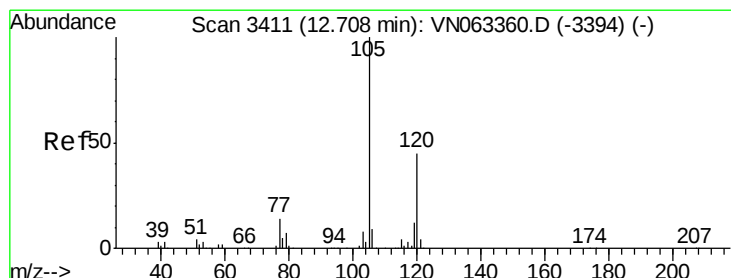
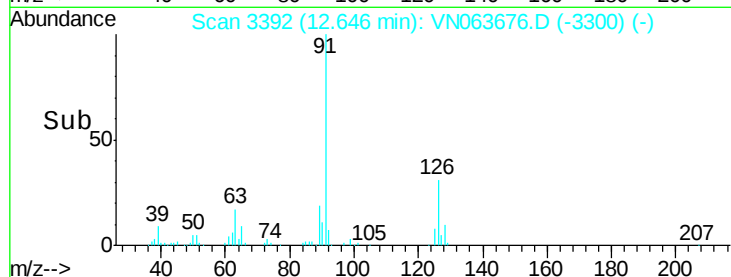
100000

50000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.334 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063676.D

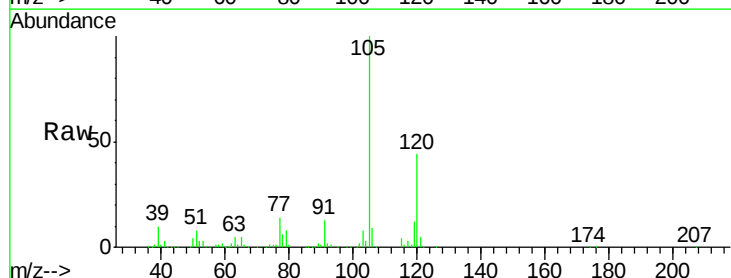
Acq: 25 Sep 2020 14:19

Tgt Ion: 105 Resp: 268633

Ion Ratio Lower Upper

105 100

120 45.7 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VN063360.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN063360.D (-3394) (-)

200000

150000

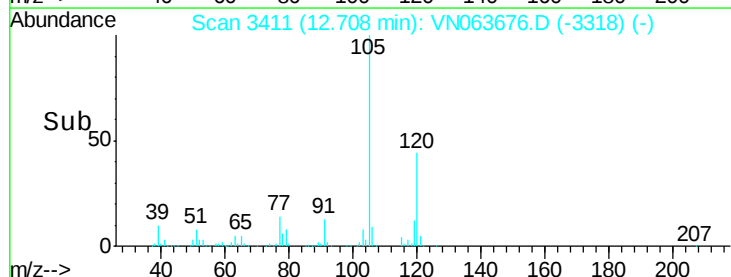
100000

50000

0

12.60 12.70 12.80

Time-->





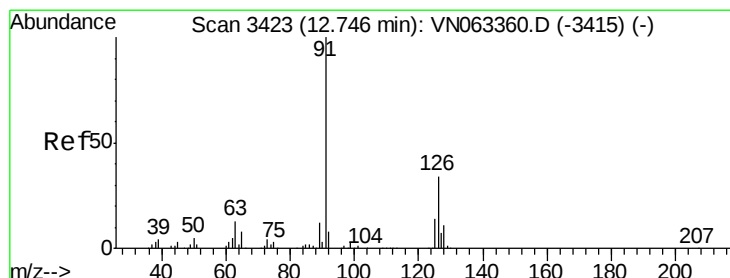
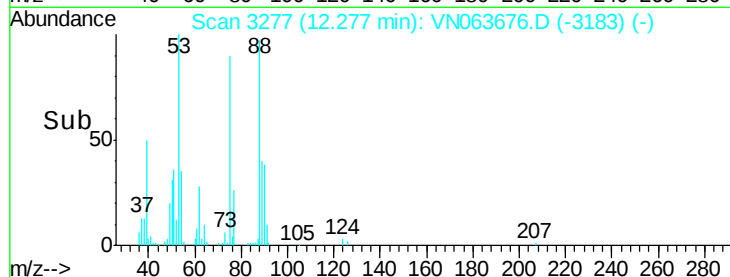
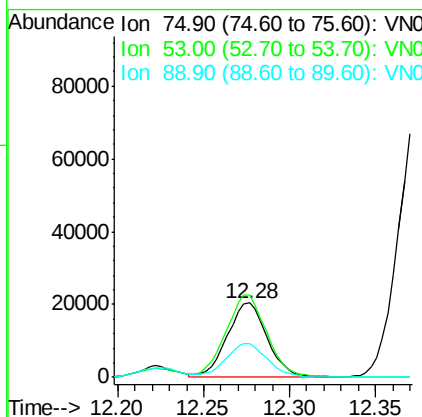
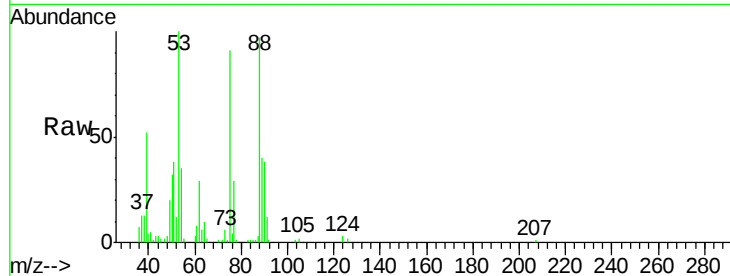
#81  
trans-1,4-Dichloro-2-butene  
Concen: 17.854 ug/l  
RT: 12.28 min Scan# 3277  
Delta R.T. 0.00 min  
Lab File: VN063676.D  
Acq: 25 Sep 2020 14:19

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0925WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 113.4 | 85.7  | 128.5 |
| 89      | 46.0  | 38.0  | 57.0  |

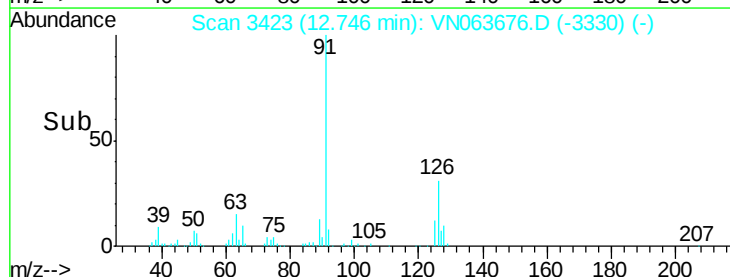
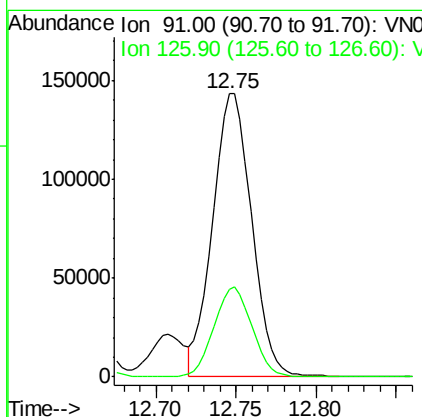
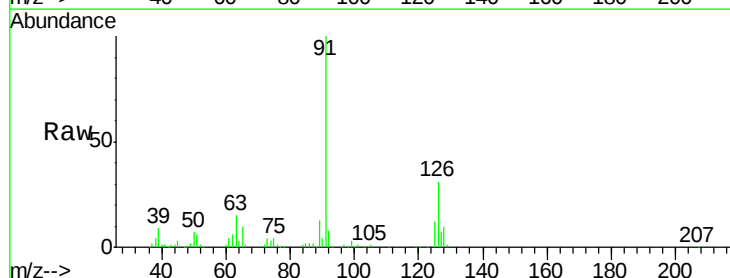
Manual Integrations  
APPROVED

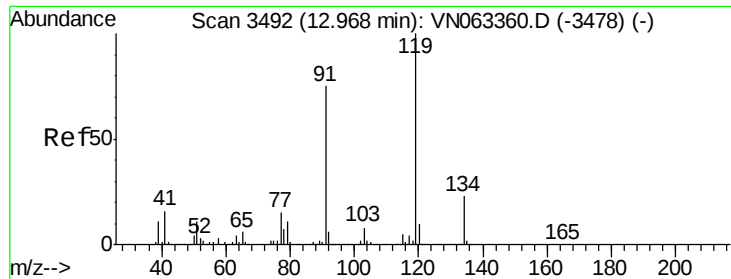
MMDadoda  
9/29/2020 10:40:37 AM



#82  
4-Chlorotoluene  
Concen: 19.418 ug/l  
RT: 12.75 min Scan# 3423  
Delta R.T. -0.00 min  
Lab File: VN063676.D  
Acq: 25 Sep 2020 14:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 31.0  | 15.5  | 46.5  |





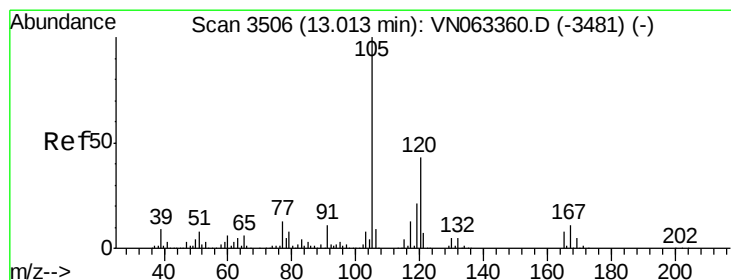
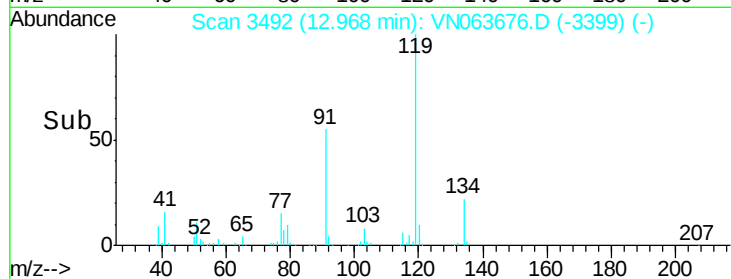
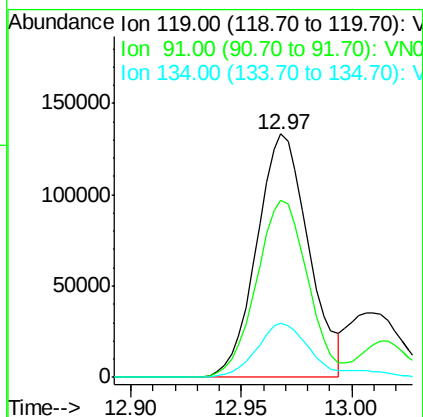
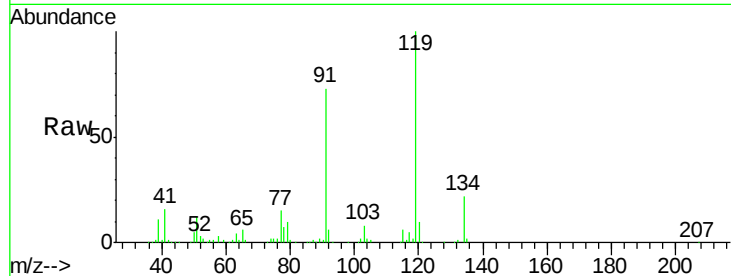
#83  
tert-Butylbenzene  
Concen: 18.923 ug/l  
RT: 12.97 min Scan# 3492  
Delta R.T. -0.00 min  
Lab File: VN063676.D  
Acq: 25 Sep 2020 14:19

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0925WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 216999 |       |       |
| 91      | 72.5  | 36.3   | 108.9 |       |
| 134     | 24.3  | 12.3   | 36.8  |       |

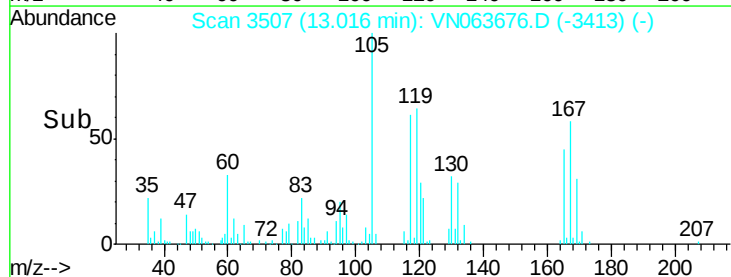
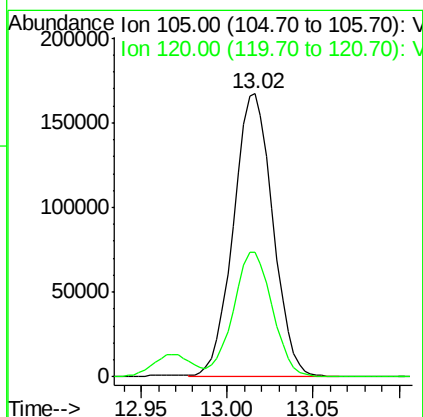
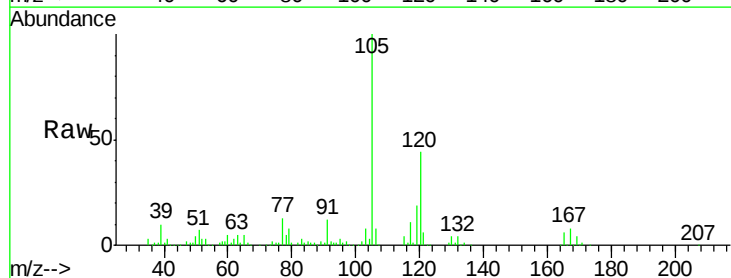
Manual Integrations  
APPROVED

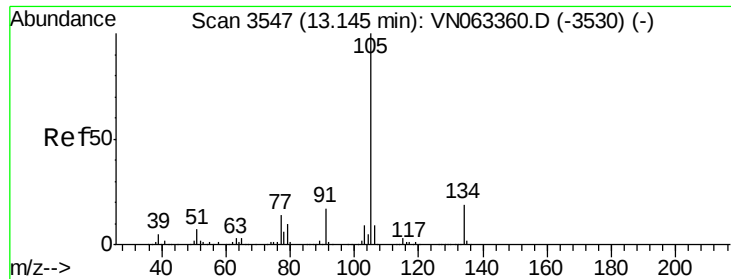
MMDadoda  
9/29/2020 10:40:37 AM



#84  
1,2,4-Trimethylbenzene  
Concen: 18.880 ug/l  
RT: 13.02 min Scan# 3507  
Delta R.T. 0.00 min  
Lab File: VN063676.D  
Acq: 25 Sep 2020 14:19

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 264964 |       |       |
| 120     | 43.7  | 21.3   | 63.9  |       |





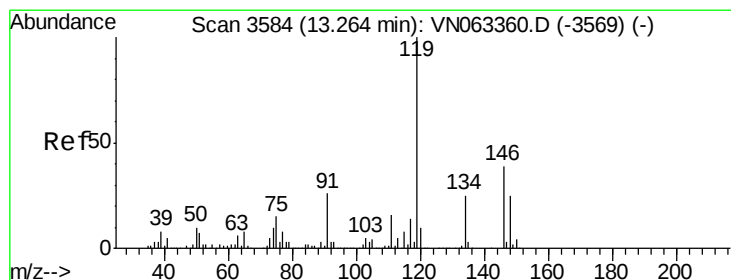
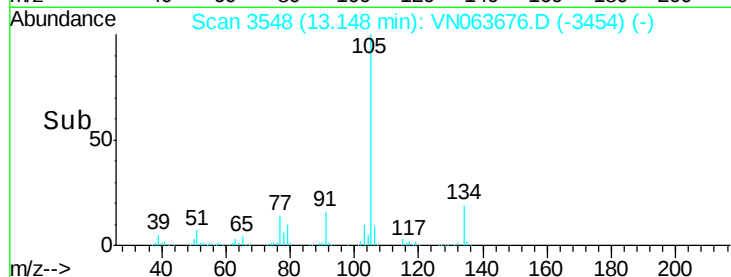
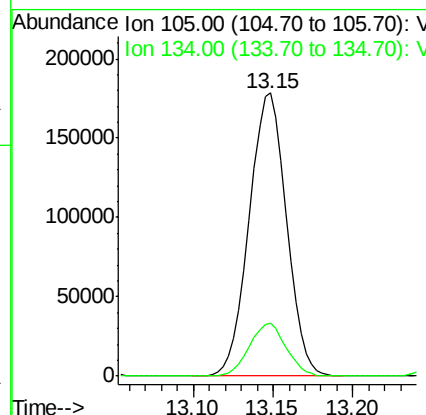
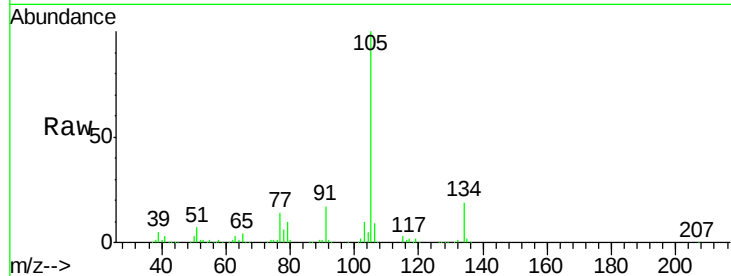
#85  
 sec-Butylbenzene  
 Concen: 18.448 ug/l  
 RT: 13.15 min Scan# 3548  
 Delta R.T. 0.00 min  
 Lab File: VN063676.D  
 Acq: 25 Sep 2020 14:19

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0925WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 134     | 18.5  | 9.3   | 27.7  |

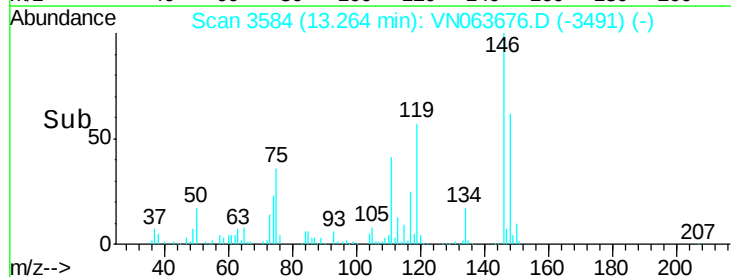
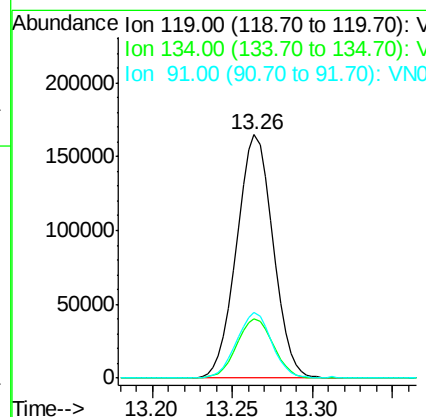
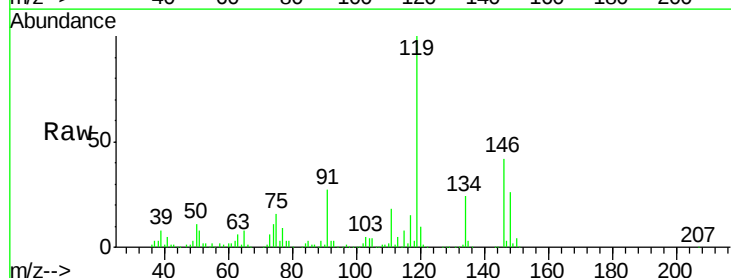
Manual Integrations  
 APPROVED

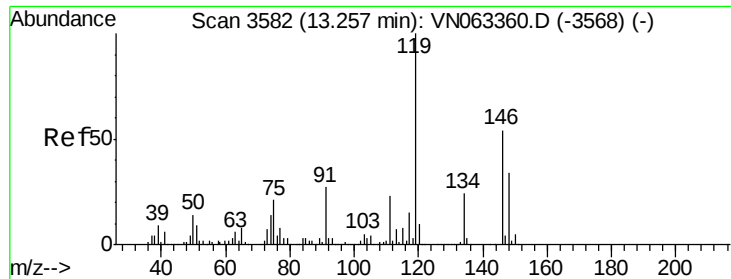
MMDadoda  
 9/29/2020 10:40:37 AM



#86  
 p-Isopropyltoluene  
 Concen: 18.788 ug/l  
 RT: 13.26 min Scan# 3584  
 Delta R.T. -0.00 min  
 Lab File: VN063676.D  
 Acq: 25 Sep 2020 14:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 24.6  | 12.5  | 37.5  |
| 91      | 26.3  | 13.4  | 40.1  |





#87

1,3-Dichlorobenzene

Concen: 19.530 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

Instrument :

MSVOA\_N

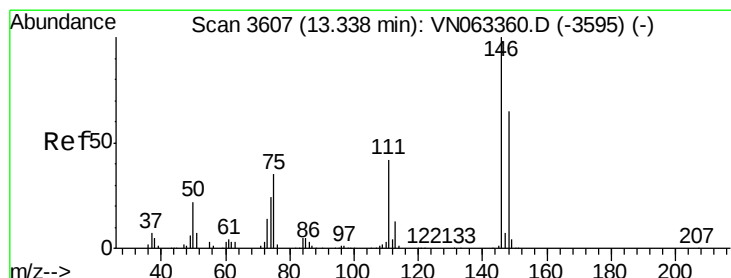
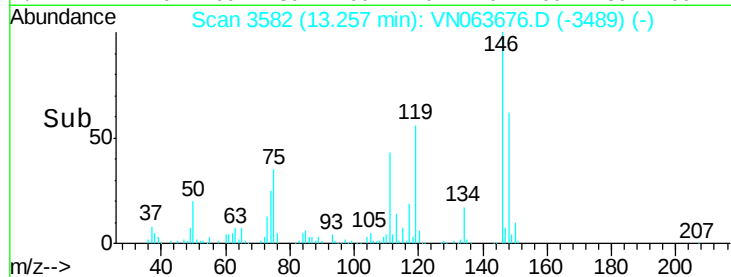
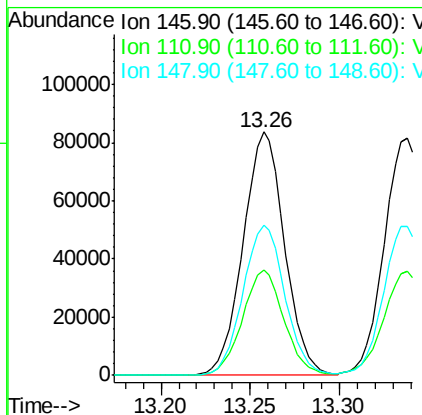
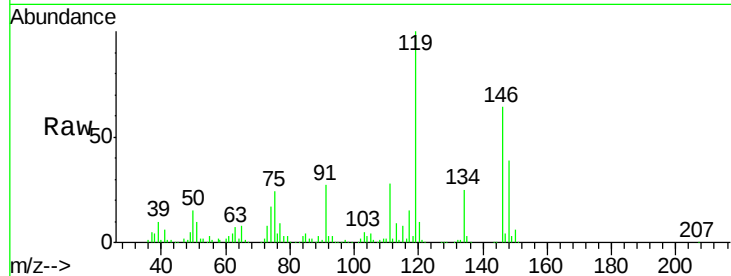
ClientSampleId :

VN0925WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 135673 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 43.2  | 21.4  | 64.3   |
| 148       | 62.3  | 31.9  | 95.7   |

Manual Integrations  
APPROVED

MMDadoda  
9/29/2020 10:40:37 AM



#88

1,4-Dichlorobenzene

Concen: 19.381 ug/l

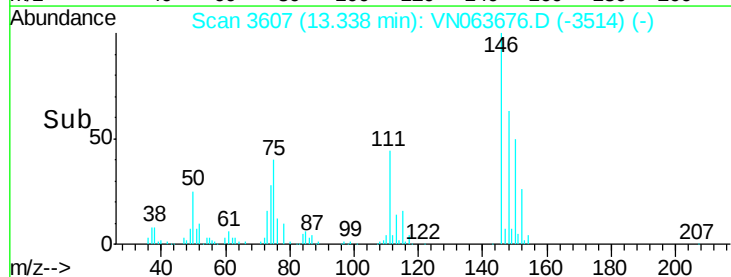
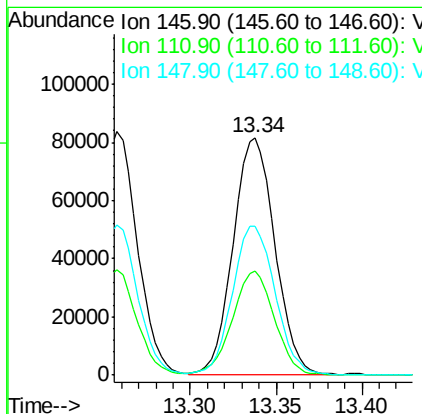
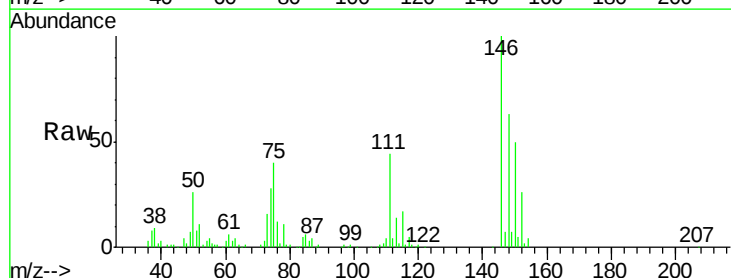
RT: 13.34 min Scan# 3607

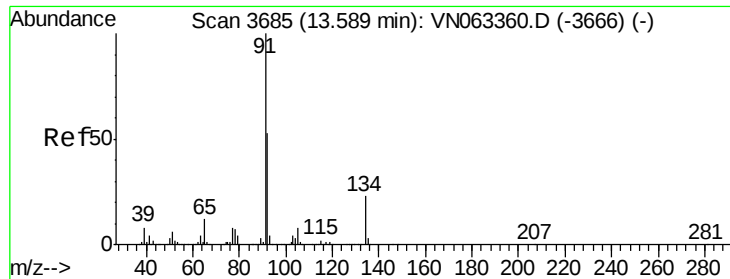
Delta R.T. -0.00 min

Lab File: VN063676.D

Acq: 25 Sep 2020 14:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 136884 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 44.1  | 21.2  | 63.6   |
| 148       | 64.3  | 31.9  | 95.9   |





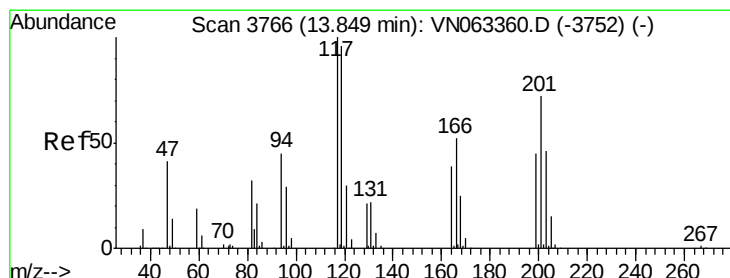
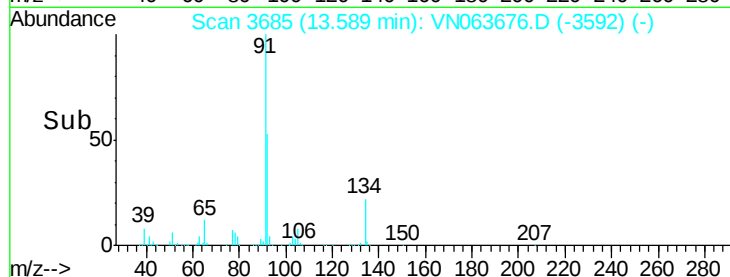
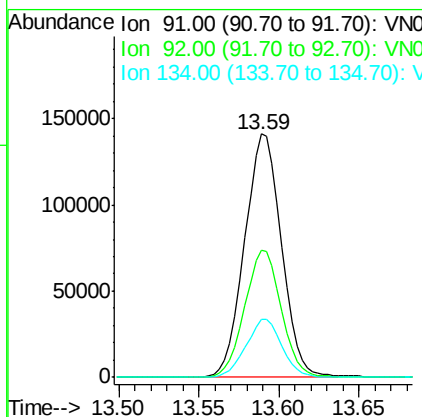
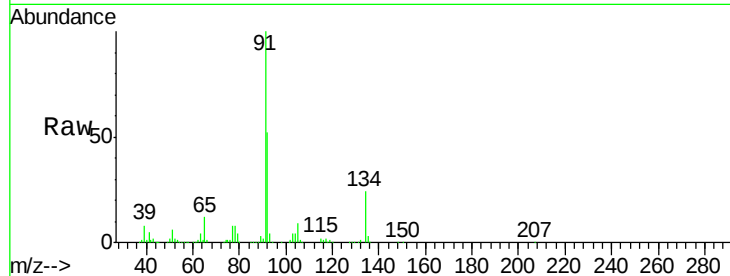
#89  
n-Butylbenzene  
Concen: 17.852 ug/l  
RT: 13.59 min Scan# 3685  
Delta R.T. -0.00 min  
Lab File: VN063676.D  
Acq: 25 Sep 2020 14:19

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0925WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 51.6  | 26.0  | 78.0  |
| 134     | 23.6  | 11.7  | 35.0  |

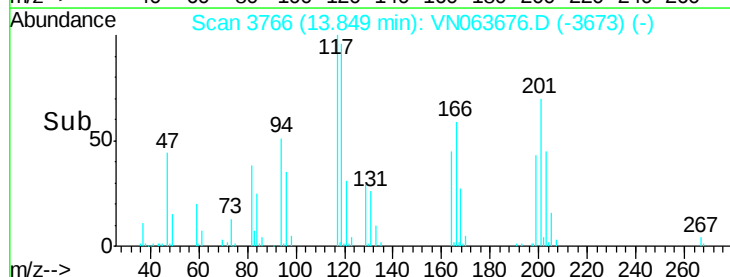
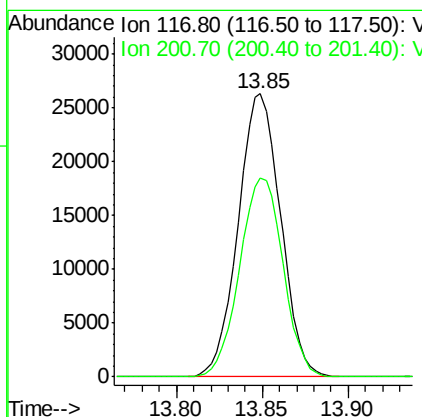
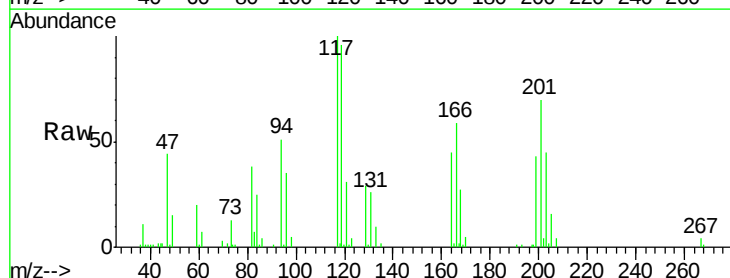
Manual Integrations  
APPROVED

MMDadoda  
9/29/2020 10:40:37 AM



#90  
Hexachloroethane  
Concen: 17.523 ug/l  
RT: 13.85 min Scan# 3766  
Delta R.T. -0.00 min  
Lab File: VN063676.D  
Acq: 25 Sep 2020 14:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 71.7  | 35.5  | 106.7 |





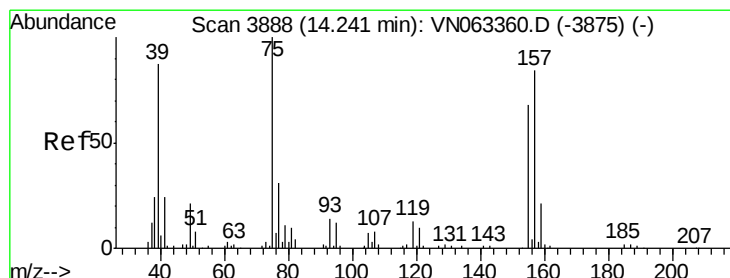
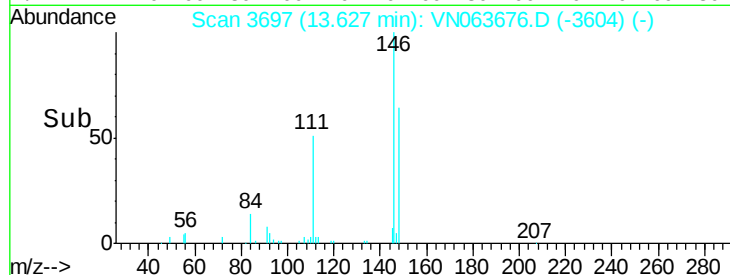
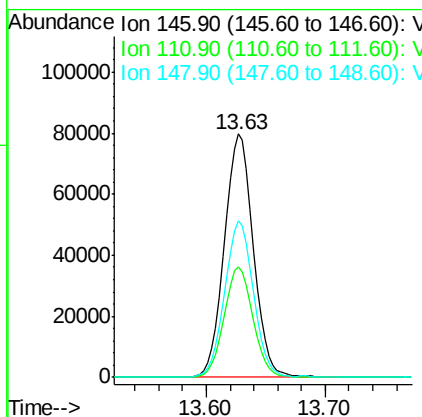
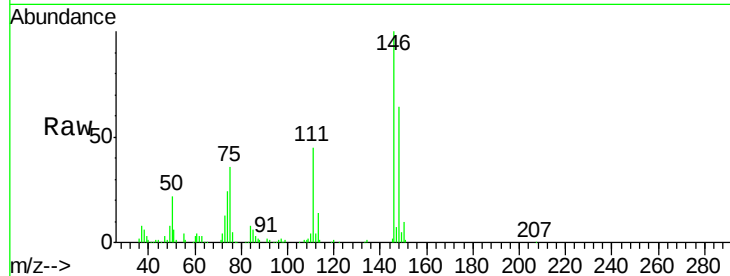
#91  
 1,2-Dichlorobenzene  
 Concen: 19.730 ug/l  
 RT: 13.63 min Scan# 3697  
 Delta R.T. -0.00 min  
 Lab File: VN063676.D  
 Acq: 25 Sep 2020 14:19

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0925WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 45.0  | 22.4  | 67.2  |
| 148     | 63.6  | 32.0  | 96.0  |

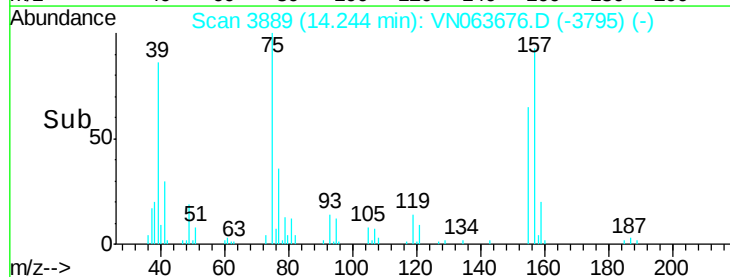
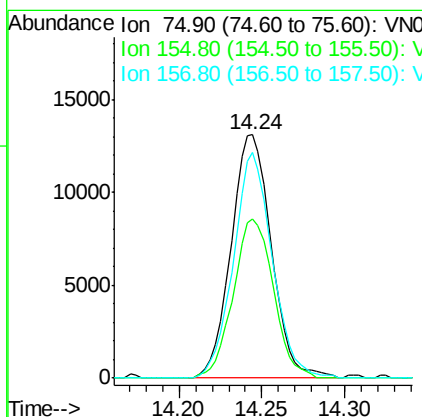
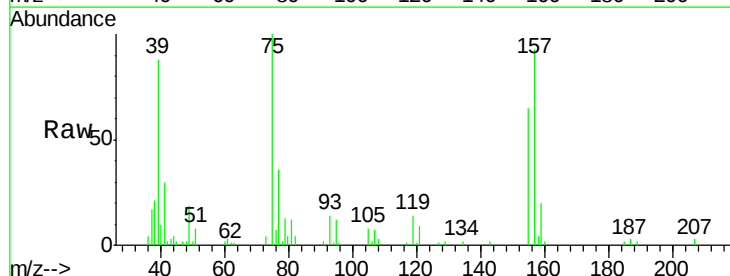
Manual Integrations  
 APPROVED

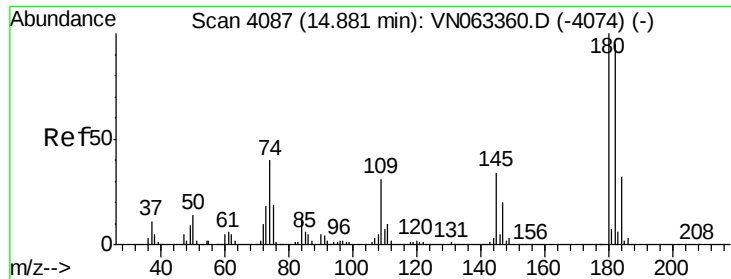
MMDadoda  
 9/29/2020 10:40:37 AM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 18.106 ug/l  
 RT: 14.24 min Scan# 3889  
 Delta R.T. 0.00 min  
 Lab File: VN063676.D  
 Acq: 25 Sep 2020 14:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 64.8  | 34.6  | 103.9 |
| 157     | 89.4  | 43.7  | 131.1 |





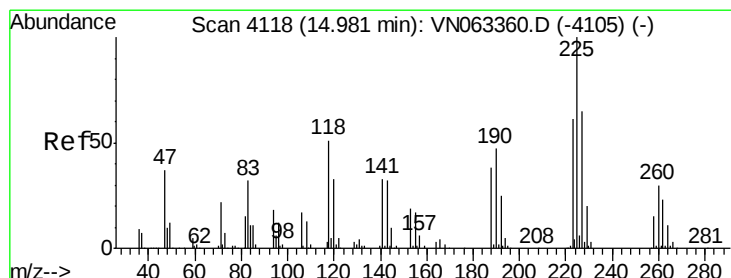
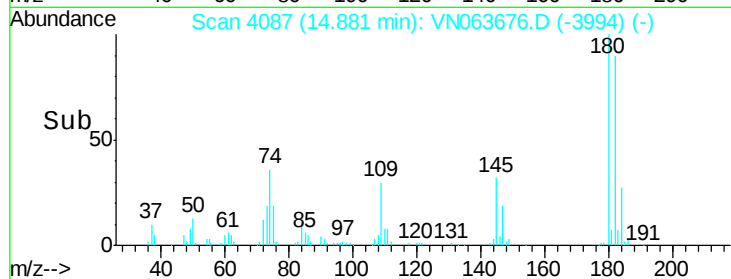
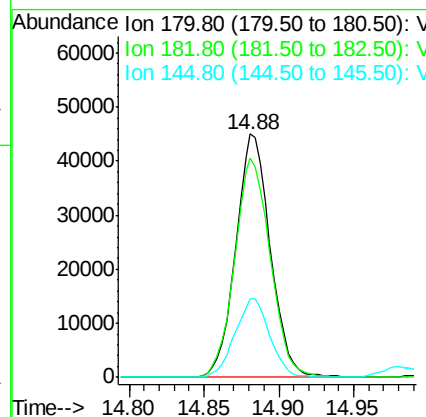
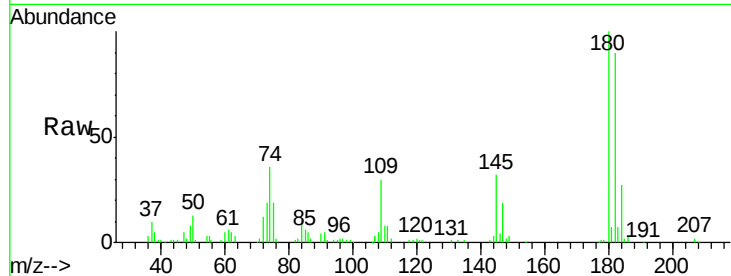
#93  
 1,2,4-Trichlorobenzene  
 Concen: 17.968 ug/l  
 RT: 14.88 min Scan# 4087  
 Delta R.T. -0.00 min  
 Lab File: VN063676.D  
 Acq: 25 Sep 2020 14:19

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0925WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 92.8  | 47.3  | 142.0 |
| 145     | 32.4  | 16.6  | 49.7  |

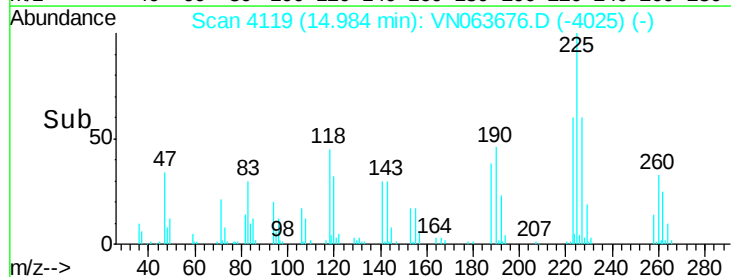
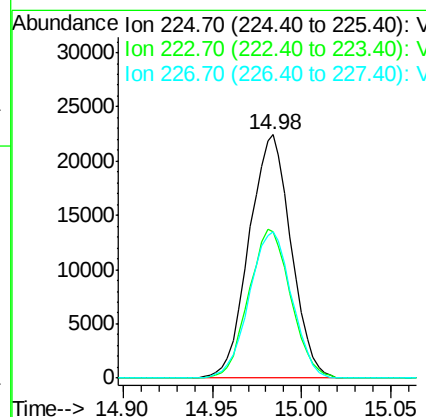
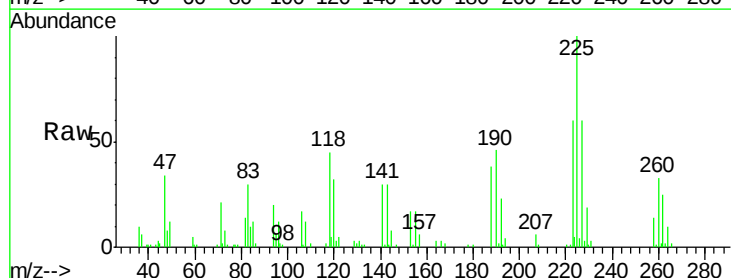
Manual Integrations  
 APPROVED

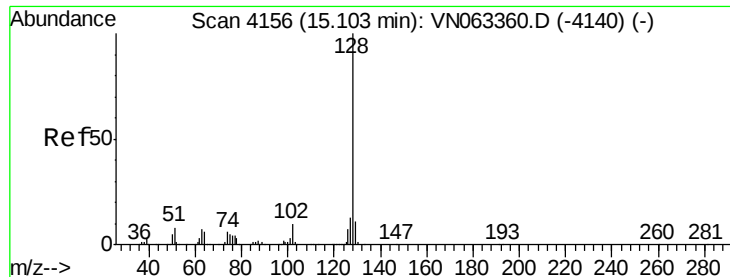
MMDadoda  
 9/29/2020 10:40:37 AM



#94  
 Hexachlorobutadiene  
 Concen: 22.172 ug/l  
 RT: 14.98 min Scan# 4119  
 Delta R.T. 0.00 min  
 Lab File: VN063676.D  
 Acq: 25 Sep 2020 14:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.2  | 30.6  | 91.6  |
| 227     | 61.1  | 31.2  | 93.6  |





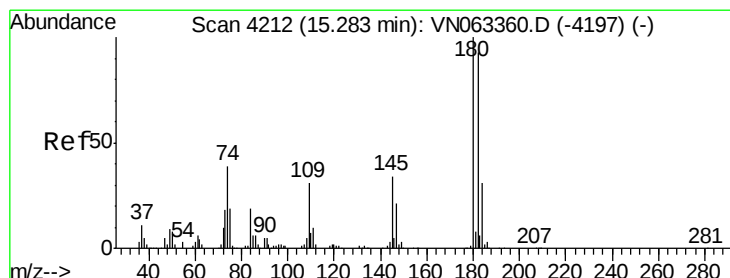
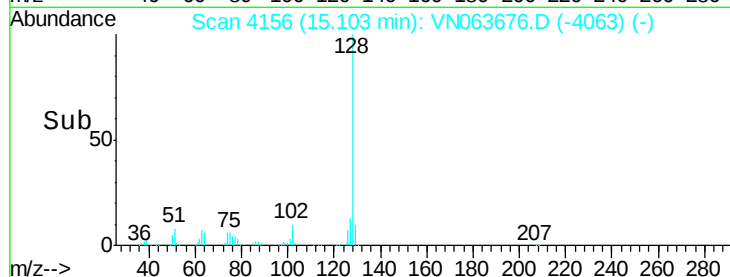
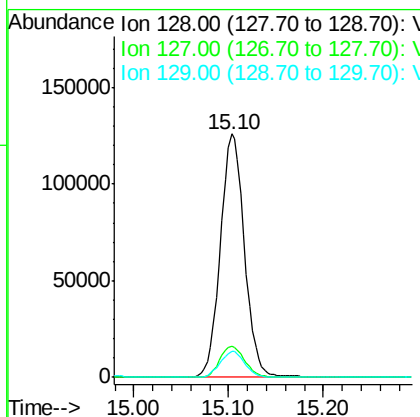
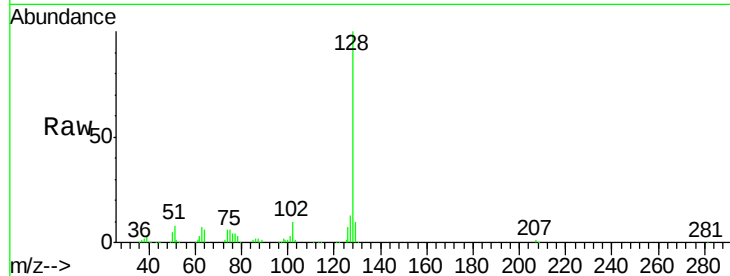
#95  
Naphthalene  
Concen: 16.770 ug/l  
RT: 15.10 min Scan# 4156  
Delta R.T. -0.00 min  
Lab File: VN063676.D  
Acq: 25 Sep 2020 14:19

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0925WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 222769 |       |       |
| 127     | 13.2  |        | 10.6  | 15.8  |
| 129     | 10.8  |        | 8.8   | 13.2  |

Manual Integrations  
APPROVED

MMDadoda  
9/29/2020 10:40:37 AM



#96  
1,2,3-Trichlorobenzene  
Concen: 17.393 ug/l  
RT: 15.28 min Scan# 4212  
Delta R.T. -0.00 min  
Lab File: VN063676.D  
Acq: 25 Sep 2020 14:19

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 67571 |       |       |
| 182     | 96.5  |       | 46.7  | 140.1 |
| 145     | 35.1  |       | 16.8  | 50.3  |

