

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110920\  
 Data File : VN064504.D  
 Acq On : 9 Nov 2020 11:48  
 Operator : JC/MD  
 Sample : VSTDICCC020  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC020

Manual Integrations  
 APPROVED

MMDadoda  
 11/10/2020 1:10:29 PM

Quant Time: Nov 09 12:31:45 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110920W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Mon Nov 09 12:16:00 2020  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 7.15  | 128  | 63379    | 30.00 | ug/l  | 0.00     |
| 28) 1,4-Difluorobenzene | 8.55  | 114  | 337422   | 30.00 | ug/l  | 0.00     |
| 57) Chlorobenzene-d5    | 11.38 | 117  | 316586   | 30.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |       |          |          |      |         |
|---------------------------|--------|-------|----------|----------|------|---------|
| 27) 1,2-Dichloroethane-d4 | 7.98   | 65    | 172150   | 32.88    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 91 - 110 | Recovery | =    | 109.60% |
| 60) 4-Bromofluorobenzene  | 12.38  | 95    | 161008   | 29.89    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 63 - 112 | Recovery | =    | 99.63%  |
| 63) Toluene-d8            | 10.06  | 98    | 452779   | 31.57    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 91 - 112 | Recovery | =    | 105.23% |

## Target Compounds

|                               |      |     |        |         | Ovalue     |
|-------------------------------|------|-----|--------|---------|------------|
| 2) Dichlorodifluoromethane    | 1.84 | 85  | 81782  | 20.054  | ug/l 100   |
| 3) Chloromethane              | 2.04 | 50  | 90389  | 20.949  | ug/l 100   |
| 4) Vinyl Chloride             | 2.17 | 62  | 96589  | 21.543  | ug/l 100   |
| 5) Bromomethane               | 2.54 | 94  | 64963  | 22.095  | ug/l 100   |
| 6) Chloroethane               | 2.68 | 64  | 61723  | 23.172  | ug/l 100   |
| 7) Trichlorofluoromethane     | 2.99 | 101 | 144772 | 20.070  | ug/l 100   |
| 8) Diethyl Ether              | 3.37 | 74  | 51215  | 22.203  | ug/l 100   |
| 9) 1,1,2-Trichlorotrifluoroet | 3.71 | 101 | 68793  | 19.208  | ug/l 100   |
| 10) 1,1-Dichloroethene        | 3.69 | 96  | 62443  | 18.285  | ug/l 100   |
| 11) Methyl Iodide             | 3.90 | 142 | 73013  | 16.188  | ug/l 100   |
| 12) Methyl Acetate            | 4.28 | 43  | 77304  | 21.029  | ug/l 100   |
| 13) Acrolein                  | 3.57 | 56  | 34120  | 98.034  | ug/l 100   |
| 14) Acrylonitrile             | 4.93 | 53  | 161589 | 98.808  | ug/l 100   |
| 15) Acetone                   | 3.78 | 58  | 65543  | 116.172 | ug/l 100   |
| 16) Carbon Disulfide          | 4.00 | 76  | 191812 | 19.514  | ug/l 100   |
| 17) Allyl chloride            | 4.27 | 41  | 115876 | 19.104  | ug/l 100   |
| 18) Methylene Chloride        | 4.50 | 84  | 75083  | 18.923  | ug/l 100   |
| 19) trans-1,2-Dichloroethene  | 4.98 | 96  | 69985  | 18.579  | ug/l 100   |
| 20) Diisopropyl ether         | 5.91 | 45  | 249138 | 19.326  | ug/l 100   |
| 21) 1,1-Dichloroethane        | 5.79 | 63  | 140519 | 19.315  | ug/l 100   |
| 22) cis-1,2-Dichloroethene    | 6.78 | 96  | 76533  | 17.417  | ug/l 100   |
| 23) tert-Butyl Alcohol        | 4.74 | 59  | 59159  | 96.670  | ug/l # 100 |
| 24) Methyl tert-Butyl Ether   | 5.00 | 73  | 215079 | 17.769  | ug/l 100   |
| 25) Chloroform                | 7.33 | 83  | 152507 | 19.553  | ug/l 100   |
| 26) Cyclohexane               | 7.61 | 56  | 105808 | 18.419  | ug/l 100   |
| 29) 1,1-Dichloropropene       | 7.75 | 75  | 107564 | 19.496  | ug/l 100   |
| 30) 2-Butanone                | 6.79 | 43  | 276521 | 109.564 | ug/l 100   |
| 31) 2,2-Dichloropropane       | 6.77 | 77  | 128956 | 19.210  | ug/l 100   |
| 32) 1,1,1-Trichloroethane     | 7.53 | 97  | 132673 | 18.694  | ug/l 100   |
| 33) Carbon Tetrachloride      | 7.73 | 117 | 118225 | 18.513  | ug/l 100   |
| 34) Benzene                   | 8.00 | 78  | 307771 | 19.743  | ug/l 100   |
| 35) Methacrylonitrile         | 7.13 | 41  | 44390  | 18.053  | ug/l 100   |
| 36) 1,2-Dichloroethane        | 8.08 | 62  | 130326 | 20.267  | ug/l 100   |
| 37) Trichloroethene           | 8.80 | 130 | 76375  | 17.763  | ug/l 100   |
| 38) Methylcyclohexane         | 9.05 | 83  | 93511  | 18.855  | ug/l 100   |
| 39) 1,2-Dichloropropane       | 9.08 | 63  | 83785  | 20.678  | ug/l 100   |
| 40) Dibromomethane            | 9.17 | 93  | 56915  | 19.687  | ug/l 100   |

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 Sample : VSTDICCC020  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleID :  
 VSTDICCC020

Manual Integrations  
 APPROVED

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 11/10/2020 1:10:29 PM

Quant Time: Nov 09 12:31:45 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110920W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Mon Nov 09 12:16:00 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Bromodichloromethane       | 9.37  | 83   | 123121   | 20.089  | ug/l  | 100      |
| 42) Vinyl Acetate              | 5.85  | 43   | 1033820  | 97.868  | ug/l  | 100      |
| 43) Ethyl Acetate              | 6.88  | 43   | 92103    | 18.789  | ug/l  | 100      |
| 44) Isopropyl Acetate          | 8.13  | 43   | 168654   | 19.674  | ug/l  | 100      |
| 45) 1,4-Dioxane                | 9.17  | 88   | 25263    | 412.529 | ug/l  | 100      |
| 46) Methyl methacrylate        | 9.16  | 41   | 82566    | 19.492  | ug/l  | 100      |
| 47) n-amyl Acetate             | 12.05 | 43   | 140382   | 19.209  | ug/l  | 100      |
| 48) t-1,3-Dichloropropene      | 10.35 | 75   | 124916   | 18.578  | ug/l  | 100      |
| 49) cis-1,3-Dichloropropene    | 9.81  | 75   | 131522   | 18.919  | ug/l  | 100      |
| 50) 1,1,2-Trichloroethane      | 10.53 | 97   | 75490    | 19.486  | ug/l  | 100      |
| 51) Ethyl methacrylate         | 10.40 | 69   | 101490   | 18.275  | ug/l  | 100      |
| 52) 1,3-Dichloropropane        | 10.68 | 76   | 128062   | 19.626  | ug/l  | 100      |
| 53) Dibromochloromethane       | 10.87 | 129  | 86038    | 18.195  | ug/l  | 100      |
| 54) 1,2-Dibromoethane          | 10.98 | 107  | 75434    | 18.380  | ug/l  | 100      |
| 55) 2-Chloroethyl vinyl ether  | 9.66  | 63   | 285715   | 94.443  | ug/l  | 100      |
| 56) Bromoform                  | 12.10 | 173  | 56135    | 16.916  | ug/l  | 100      |
| 58) 4-Methyl-2-Pentanone       | 9.95  | 43   | 529671   | 103.234 | ug/l  | 100      |
| 59) 2-Hexanone                 | 10.72 | 43   | 401560   | 105.465 | ug/l  | 100      |
| 61) Tetrachloroethene          | 10.60 | 164  | 73176    | 17.342  | ug/l  | 100      |
| 62) Toluene                    | 10.12 | 91   | 338120   | 18.942  | ug/l  | 100      |
| 64) Chlorobenzene              | 11.41 | 112  | 199008   | 18.000  | ug/l  | 100      |
| 65) 1,1,1,2-Tetrachloroethane  | 11.48 | 131  | 78559    | 18.328  | ug/l  | 100      |
| 66) Ethyl Benzene              | 11.48 | 91   | 350364   | 17.980  | ug/l  | 100      |
| 67) m/p-Xylenes                | 11.60 | 106  | 263641   | 35.944  | ug/l  | 100      |
| 68) o-Xylene                   | 11.92 | 106  | 123506   | 17.559  | ug/l  | 100      |
| 69) Styrene                    | 11.94 | 104  | 206795   | 17.515  | ug/l  | 100      |
| 70) Isopropylbenzene           | 12.22 | 105  | 324914   | 17.820  | ug/l  | 100      |
| 71) 1,1,2,2-Tetrachloroethane  | 12.48 | 83   | 105308   | 20.230  | ug/l  | 100      |
| 72) 1,2,3-Trichloropropane     | 12.53 | 75   | 99711m   | 18.590  | ug/l  | 100      |
| 73) Bromobenzene               | 12.50 | 156  | 78792    | 16.872  | ug/l  | 100      |
| 74) n-propylbenzene            | 12.57 | 91   | 378740   | 18.703  | ug/l  | 100      |
| 75) 2-Chlorotoluene            | 12.65 | 91   | 243548   | 19.015  | ug/l  | 100      |
| 76) 1,3,5-Trimethylbenzene     | 12.71 | 105  | 276611   | 18.252  | ug/l  | 100      |
| 77) t-1,4-Dichloro-2-butene    | 12.27 | 75   | 36075    | 18.910  | ug/l  | 100      |
| 78) 4-Chlorotoluene            | 12.75 | 91   | 253159   | 19.031  | ug/l  | 100      |
| 79) tert-butylbenzene          | 12.97 | 119  | 205946   | 17.287  | ug/l  | 100      |
| 80) 1,2,4-Trimethylbenzene     | 13.01 | 105  | 273277   | 17.906  | ug/l  | 100      |
| 81) sec-Butylbenzene           | 13.14 | 105  | 284032   | 18.538  | ug/l  | 100      |
| 82) p-Isopropyltoluene         | 13.26 | 119  | 250184   | 17.868  | ug/l  | 100      |
| 83) 1,3-Dichlorobenzene        | 13.26 | 146  | 137668   | 17.145  | ug/l  | 100      |
| 84) 1,4-Dichlorobenzene        | 13.34 | 146  | 135354   | 16.824  | ug/l  | 100      |
| 85) n-Butylbenzene             | 13.59 | 91   | 205775   | 18.329  | ug/l  | 100      |
| 86) Hexachloroethane           | 13.85 | 117  | 50370    | 18.847  | ug/l  | 100      |
| 87) 1,2-Dichlorobenzene        | 13.63 | 146  | 134110   | 17.384  | ug/l  | 100      |
| 88) 1,2-Dibromo-3-Chloropropan | 14.24 | 75   | 21908    | 19.507  | ug/l  | 100      |
| 89) 1,2,4-Trichlorobenzene     | 14.88 | 180  | 54927    | 14.795  | ug/l  | 100      |
| 90) Hexachlorobutadiene        | 14.98 | 225  | 30852    | 15.620  | ug/l  | 100      |
| 91) Naphthalene                | 15.11 | 128  | 174509   | 15.519  | ug/l  | 100      |
| 92) 1,2,3-Trichlorobenzene     | 15.28 | 180  | 57691    | 15.449  | ug/l  | 100      |

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Sample : VSTDICCC020  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

Manual Integrations  
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11/10/2020 1:10:29 PM

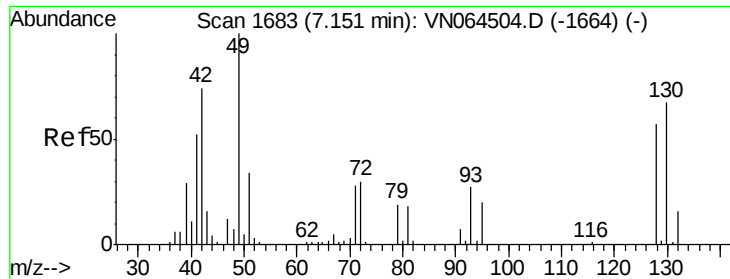
Quant Time: Nov 09 12:31:45 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110920W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Mon Nov 09 12:16:00 2020  
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|--------------------|------|------|----------|------|-------|----------|
|--------------------|------|------|----------|------|-------|----------|

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





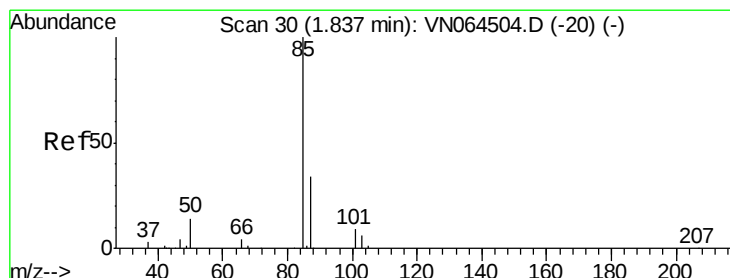
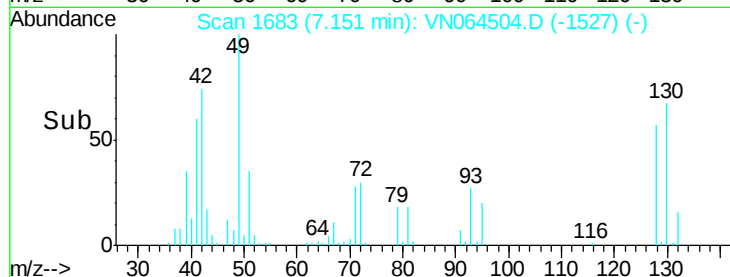
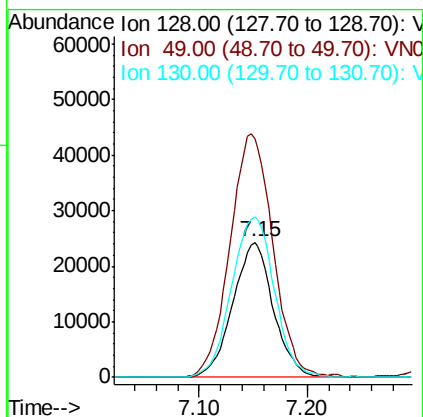
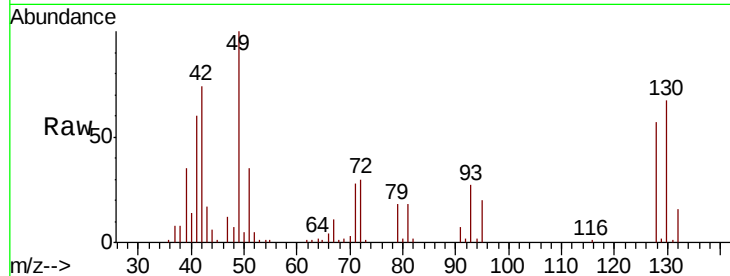
#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.15 min Scan# 1683  
Delta R.T. 0.00 min  
Lab File: VN064504.D  
Acq: 9 Nov 2020 11:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 49      | 190.2 | 0.0   | 475.5 |
| 130     | 126.1 | 0.0   | 315.3 |

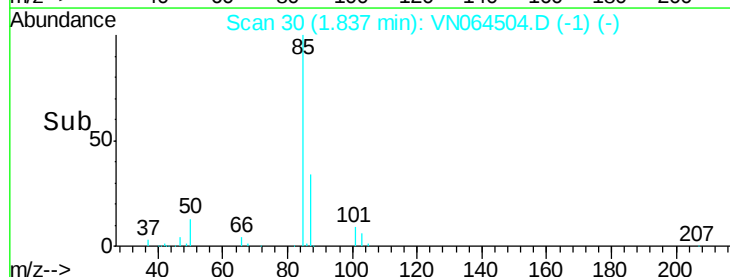
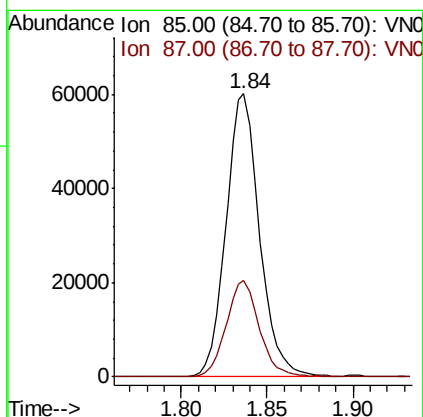
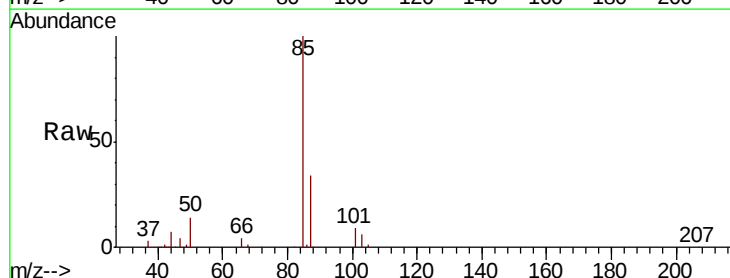
Manual Integrations  
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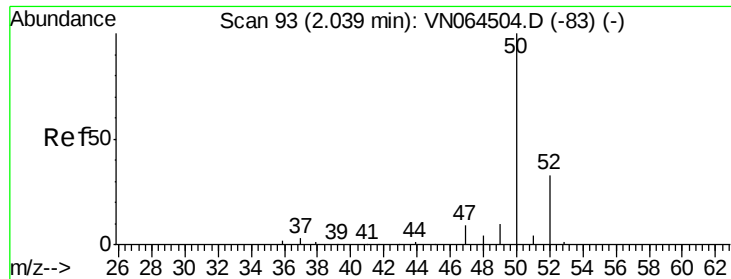
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11/10/2020 1:10:29 PM



#2  
Dichlorodifluoromethane  
Concen: 20.054 ug/l  
RT: 1.84 min Scan# 30  
Delta R.T. 0.00 min  
Lab File: VN064504.D  
Acq: 9 Nov 2020 11:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 85      | 100   |       |       |
| 87      | 33.9  | 17.0  | 50.9  |





#3

Chloromethane

Concen: 20.949 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064504.D

Acq: 9 Nov 2020 11:48

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC020

Tot Ion: 50 Resp: 90389

Ion Ratio Lower Upper

50 100

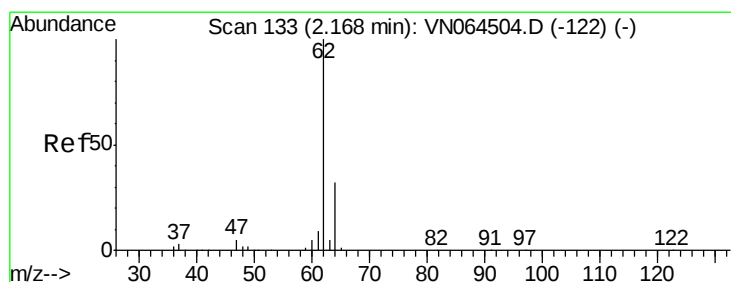
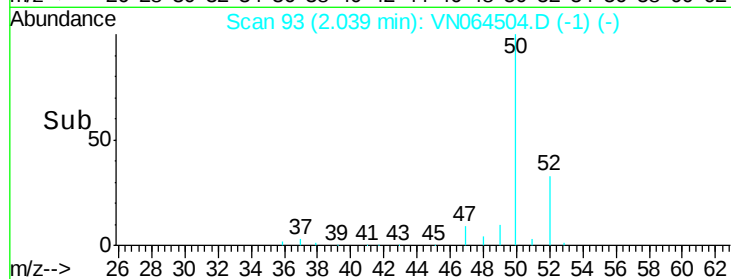
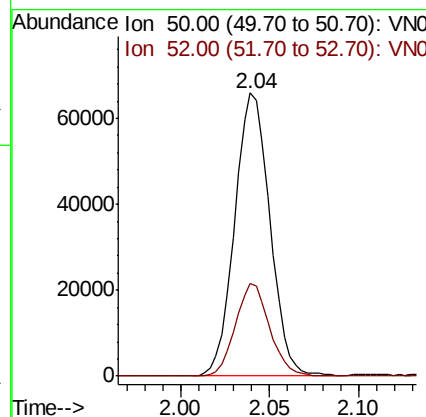
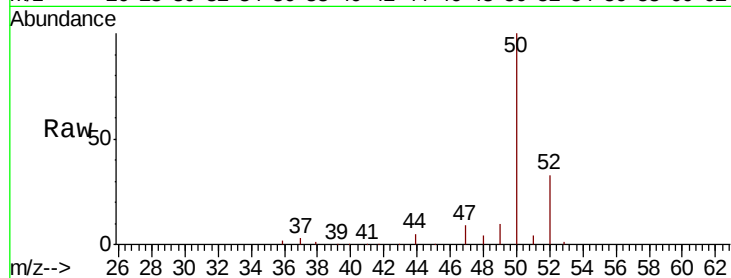
52 32.5 26.0 39.0

Manual Integrations

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11/10/2020 1:10:29 PM



#4

Vinyl Chloride

Concen: 21.543 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN064504.D

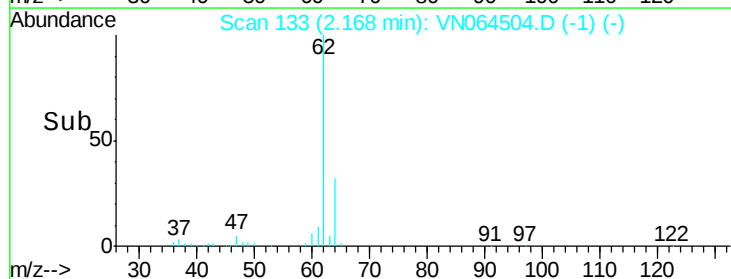
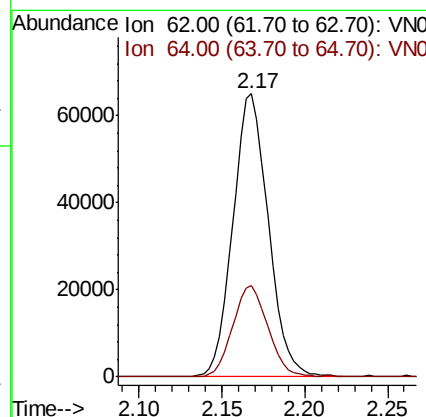
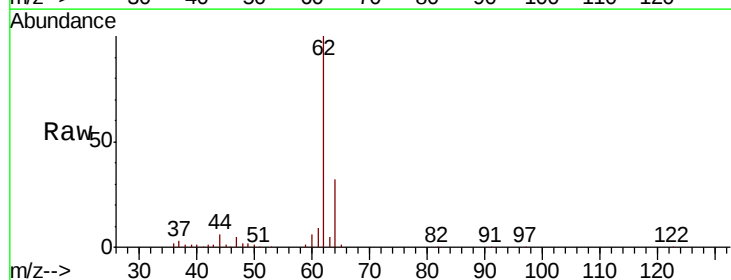
Acq: 9 Nov 2020 11:48

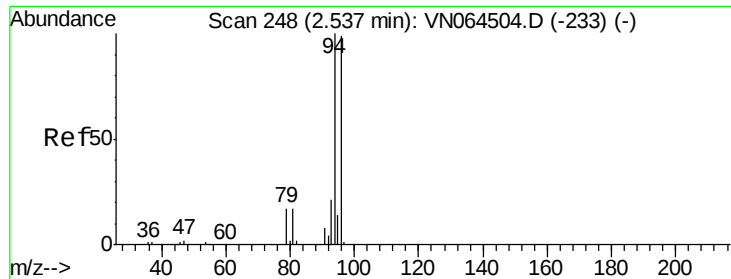
Tgt Ion: 62 Resp: 96589

Ion Ratio Lower Upper

62 100

64 32.3 25.8 38.8





#5

Bromomethane

Concen: 22.095 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.00 min

Lab File: VN064504.D

Acq: 9 Nov 2020 11:48

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC020

Tot Ion: 94 Resp: 64963

Ion Ratio Lower Upper

94 100

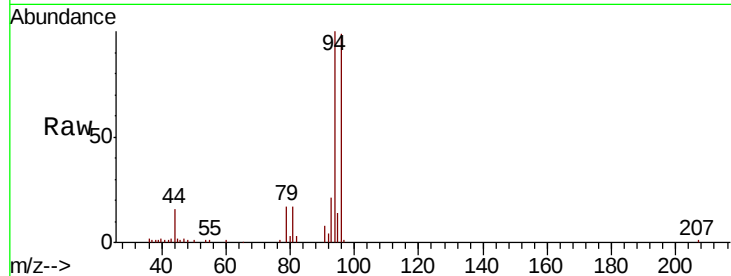
96 99.1 79.3 118.9

Manual Integrations

APPROVED

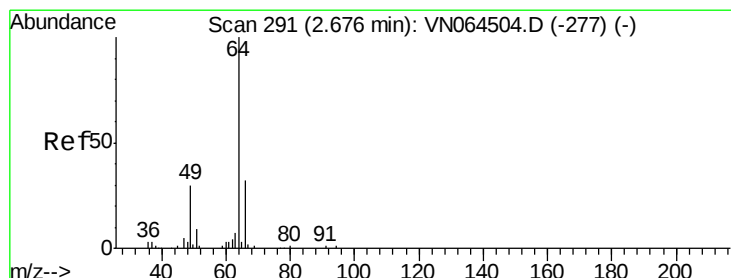
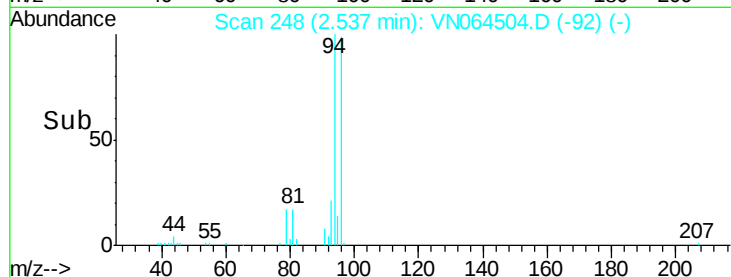
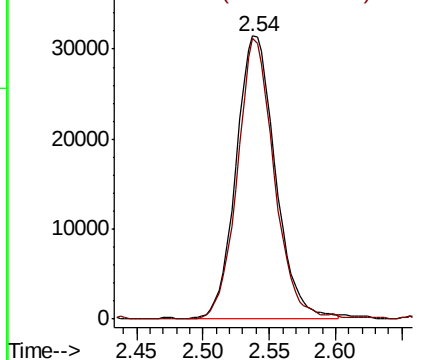
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Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 23.172 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN064504.D

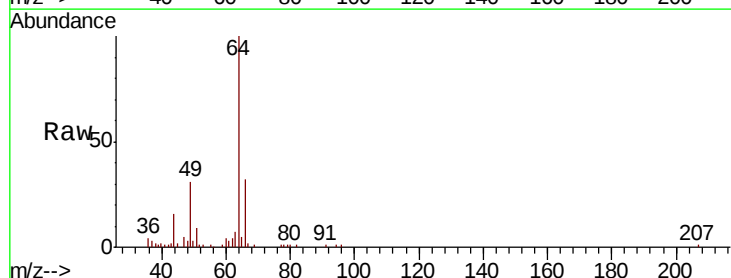
Acq: 9 Nov 2020 11:48

Tgt Ion: 64 Resp: 61723

Ion Ratio Lower Upper

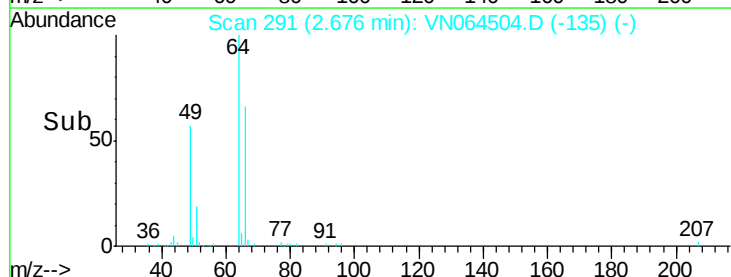
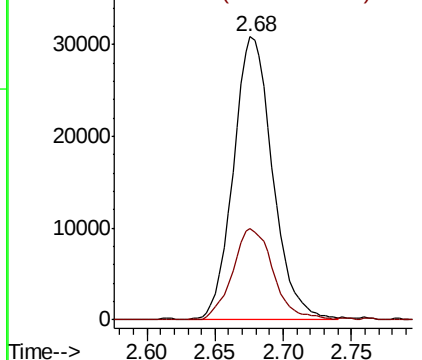
64 100

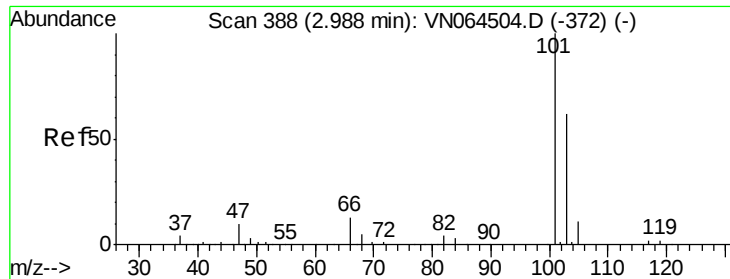
66 32.5 26.0 39.0



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0





#7

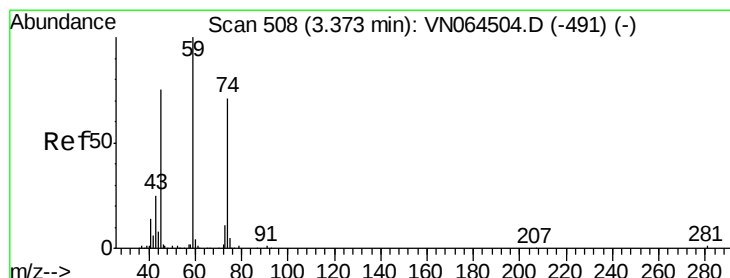
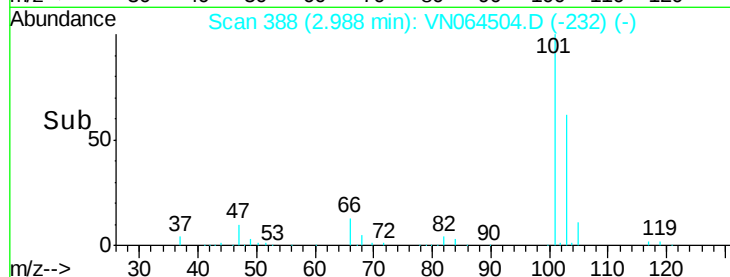
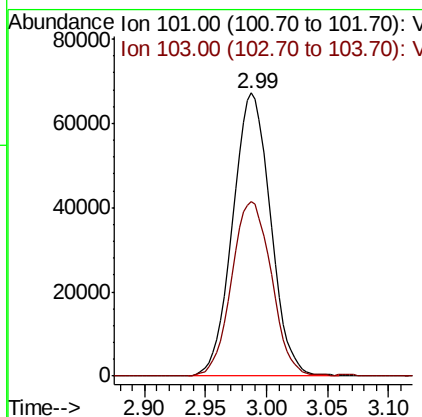
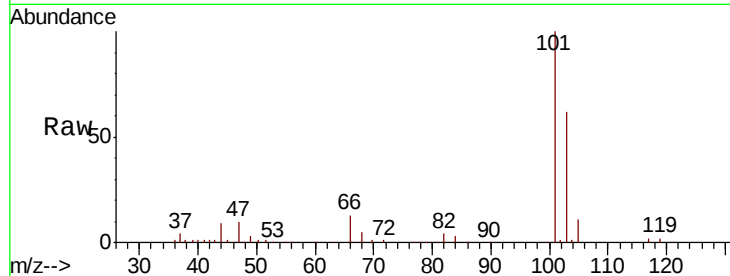
Trichlorofluoromethane  
 Concen: 20.070 ug/l  
 RT: 2.99 min Scan# 388  
 Delta R.T. 0.00 min  
 Lab File: VN064504.D  
 Acq: 9 Nov 2020 11:48

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 61.6  | 49.3  | 73.9  |

Manual Integrations  
 APPROVED

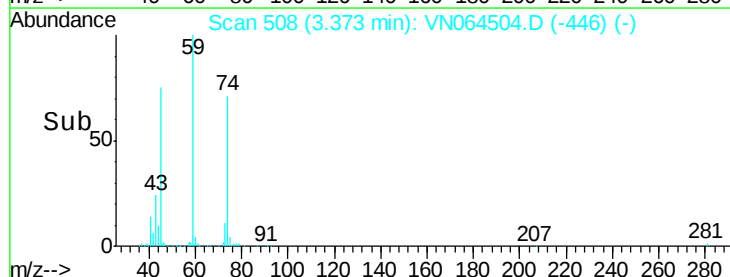
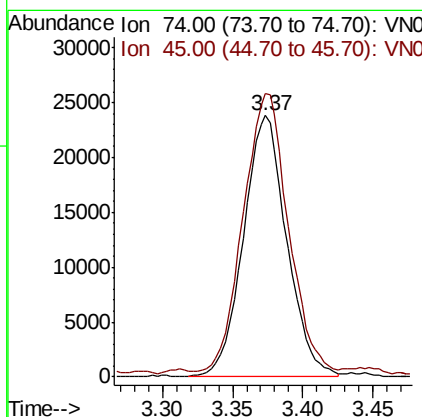
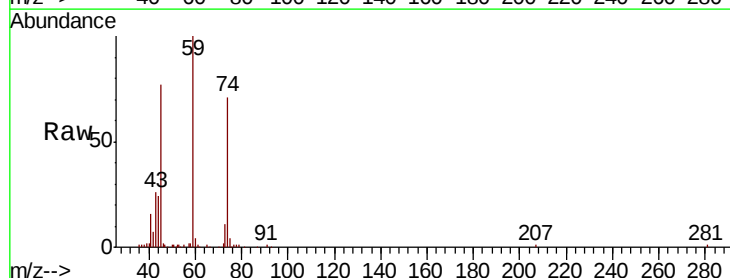
MMDadoda  
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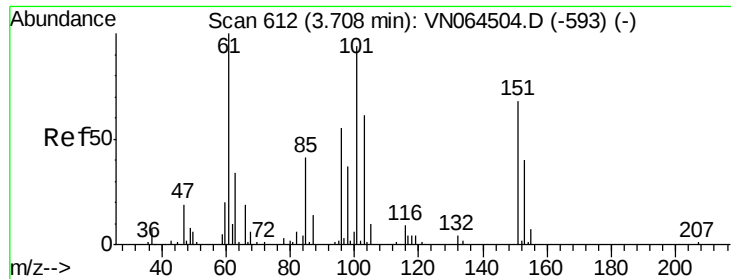


#8

Diethyl Ether  
 Concen: 22.203 ug/l  
 RT: 3.37 min Scan# 508  
 Delta R.T. 0.00 min  
 Lab File: VN064504.D  
 Acq: 9 Nov 2020 11:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 110.3 | 22.1  | 198.5 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.208 ug/l

RT: 3.71 min Scan# 612

Delta R.T. 0.00 min

Lab File: VN064504.D

Acq: 9 Nov 2020 11:48

Instrument :

MSVOA\_N

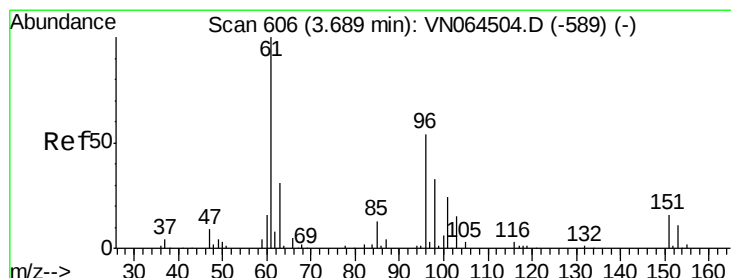
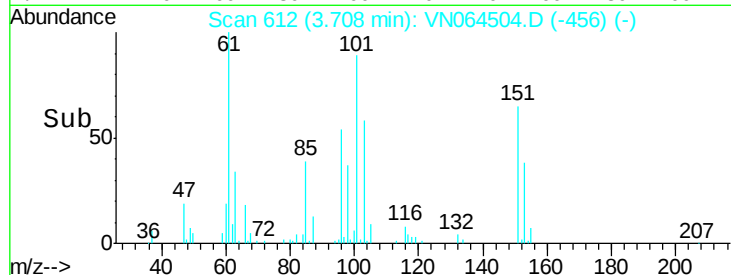
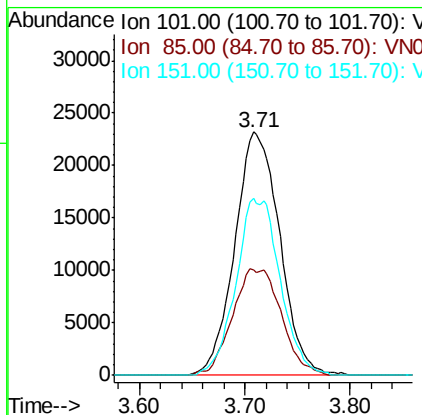
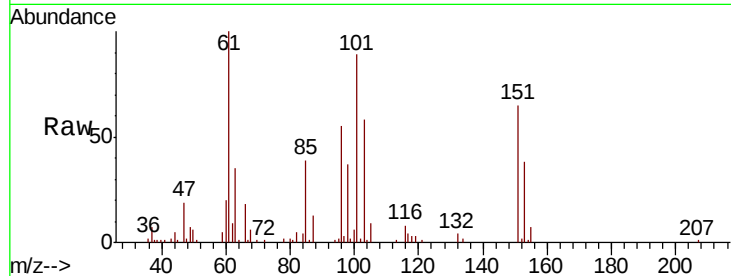
ClientSampleId :

VSTDICCC020

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 68793 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 24.5  | 0.0   | 49.0  |
| 151       | 40.1  | 0.0   | 80.2  |

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11/10/2020 1:10:29 PM



#10

1,1-Dichloroethene

Concen: 18.285 ug/l

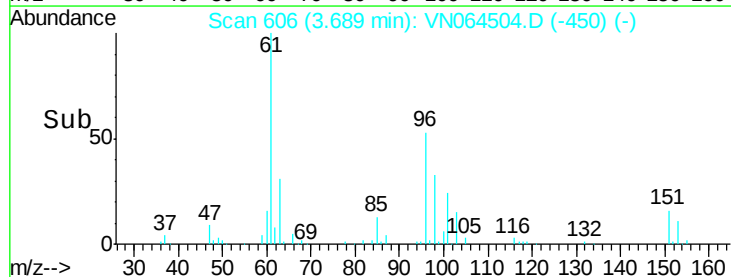
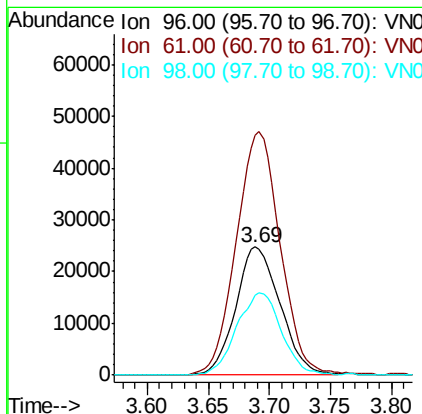
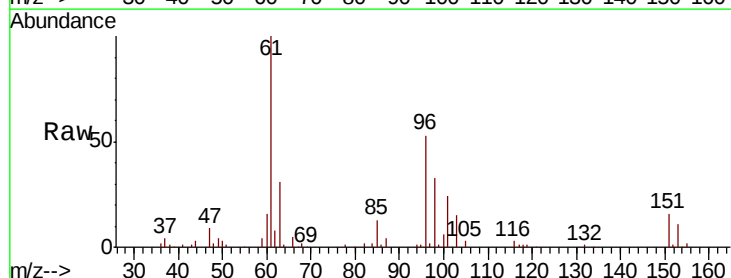
RT: 3.69 min Scan# 606

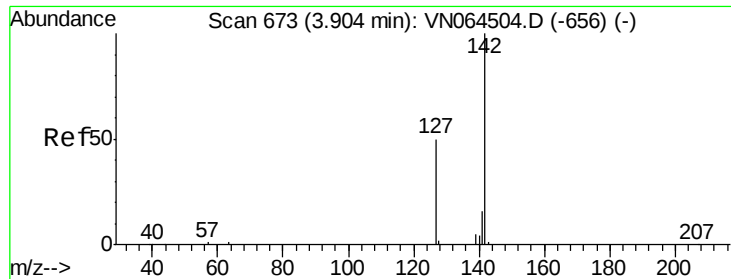
Delta R.T. 0.00 min

Lab File: VN064504.D

Acq: 9 Nov 2020 11:48

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 96    | Resp: | 62443 |
| Ion Ratio | Lower | Upper |       |
| 96        | 100   |       |       |
| 61        | 186.5 | 149.2 | 223.8 |
| 98        | 62.0  | 49.6  | 74.4  |





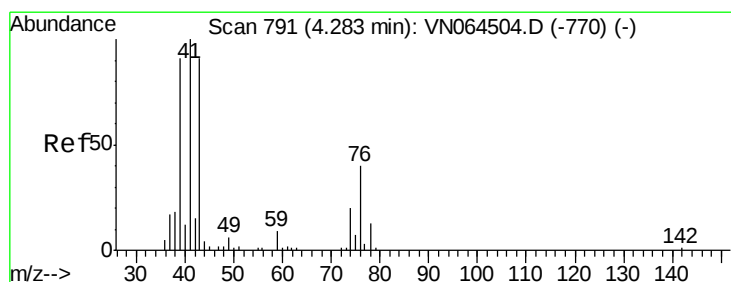
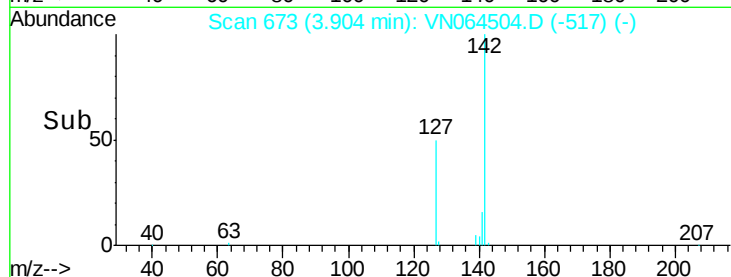
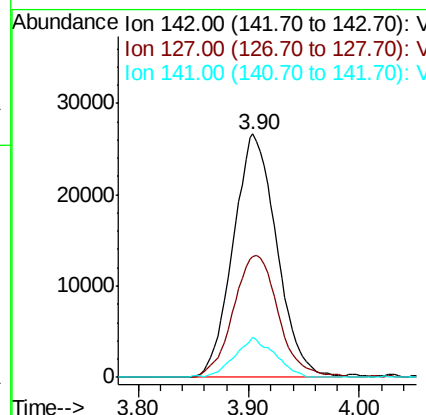
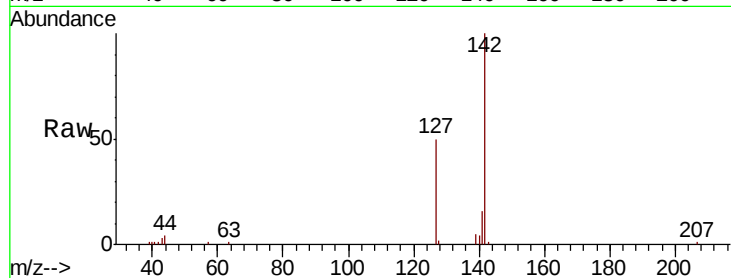
#11  
Methyl Iodide  
Concen: 16.188 ug/l  
RT: 3.90 min Scan# 673  
Delta R.T. 0.00 min  
Lab File: VN064504.D  
Acq: 9 Nov 2020 11:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 127     | 49.4  | 24.7  | 74.1  |
| 141     | 15.5  | 7.8   | 23.3  |

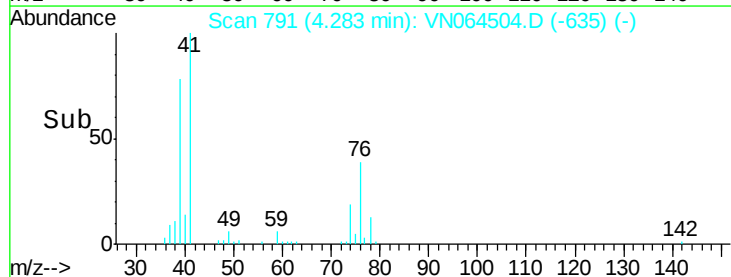
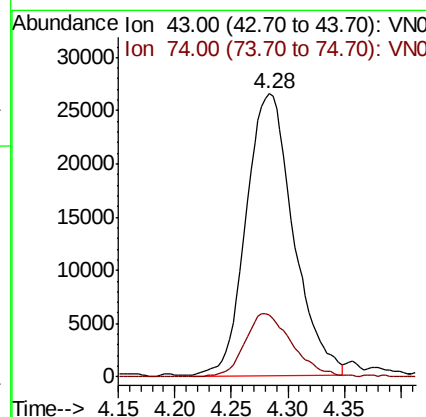
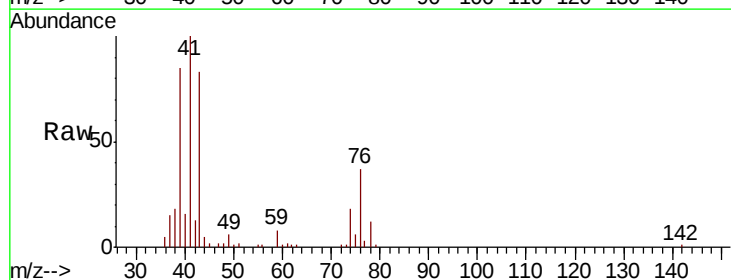
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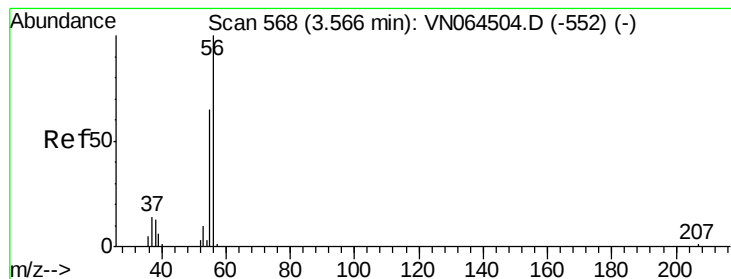
MMDadoda  
11/10/2020 1:10:29 PM



#12  
Methyl Acetate  
Concen: 21.029 ug/l  
RT: 4.28 min Scan# 791  
Delta R.T. 0.00 min  
Lab File: VN064504.D  
Acq: 9 Nov 2020 11:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 22.1  | 17.7  | 26.5  |





#13

Acrolein

Concen: 98.034 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064504.D

Acq: 9 Nov 2020 11:48

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC020

Tot Ion: 56 Resp: 34120

Ion Ratio Lower Upper

56 100

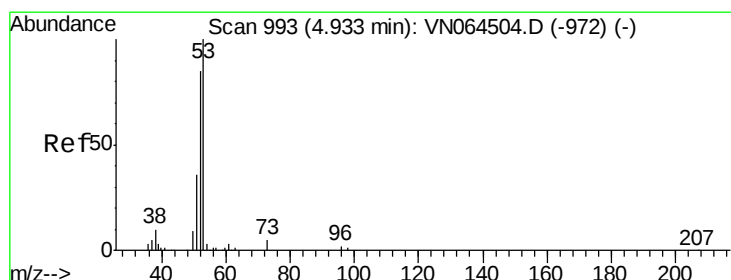
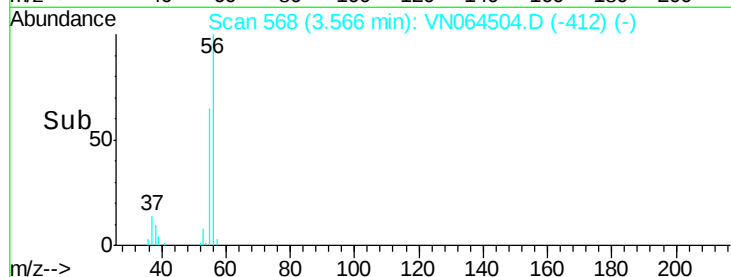
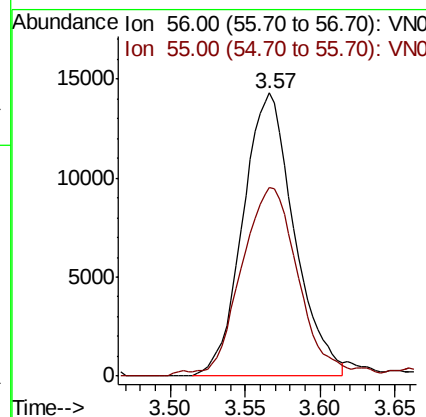
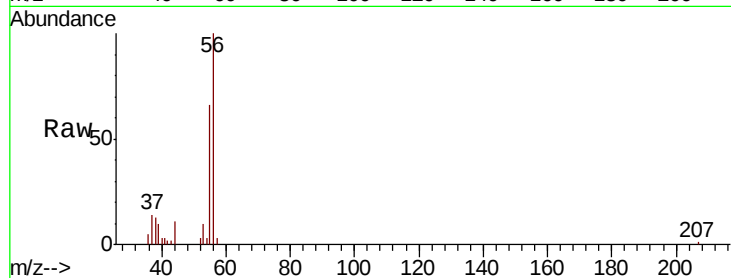
55 72.7 58.2 87.2

Manual Integrations

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MMDadoda

11/10/2020 1:10:29 PM



#14

Acrylonitrile

Concen: 98.808 ug/l

RT: 4.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN064504.D

Acq: 9 Nov 2020 11:48

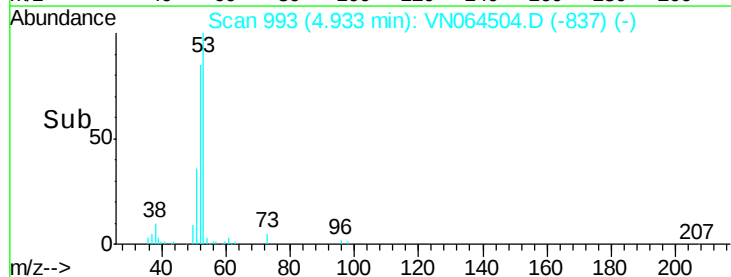
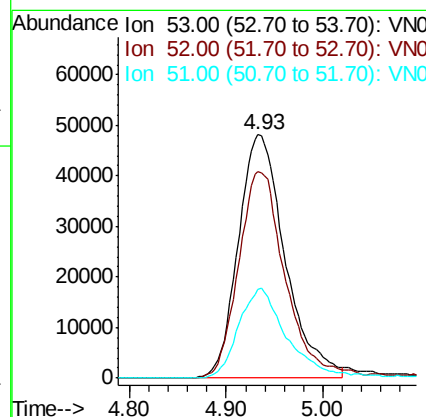
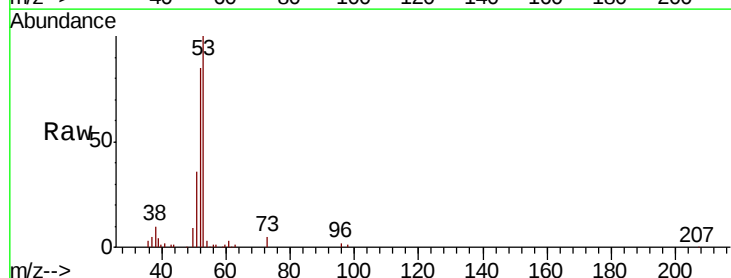
Tgt Ion: 53 Resp: 161589

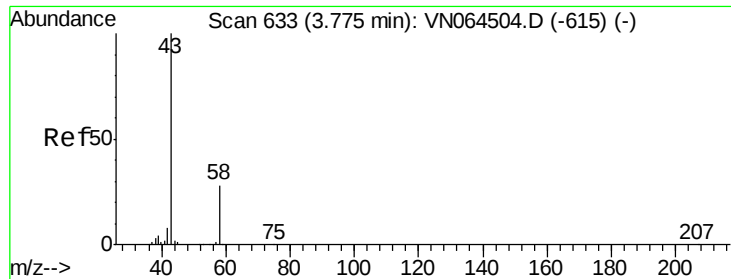
Ion Ratio Lower Upper

53 100

52 82.7 41.3 124.1

51 37.7 18.9 56.5





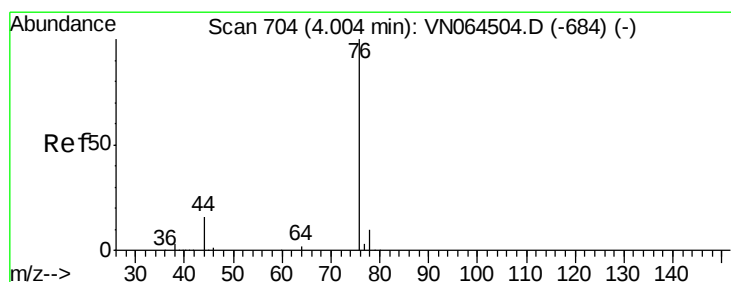
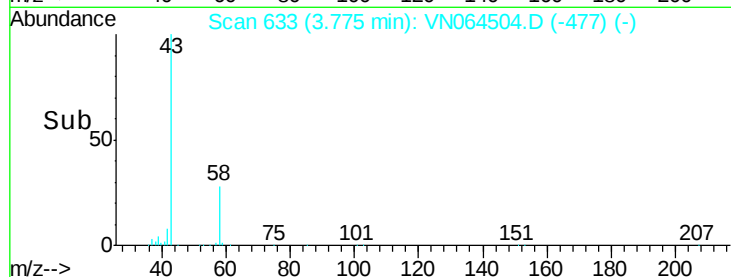
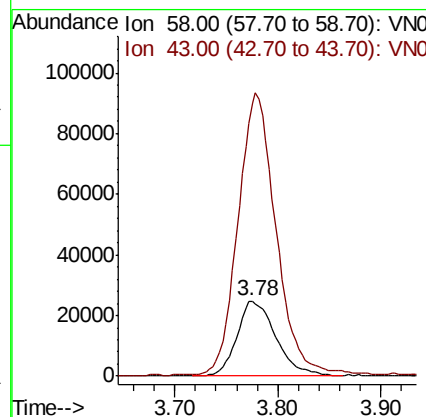
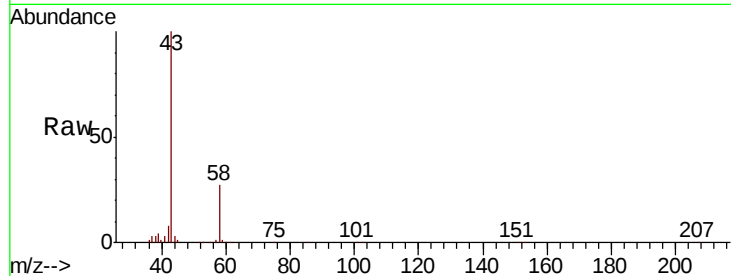
#15  
Acetone  
Concen: 116.172 ug/l  
RT: 3.78 min Scan# 633  
Delta R.T. 0.00 min  
Lab File: VN064504.D  
Acq: 9 Nov 2020 11:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

Tot Ion: 58 Resp: 65543  
Ion Ratio Lower Upper  
58 100  
43 362.3 289.8 434.8

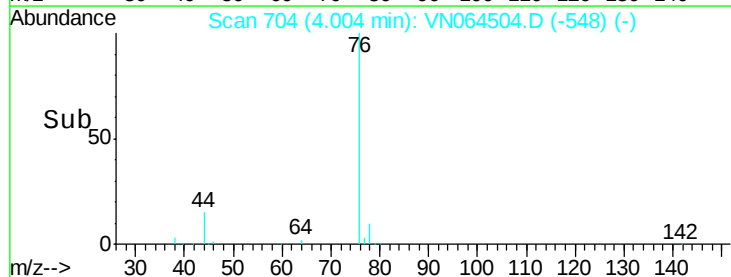
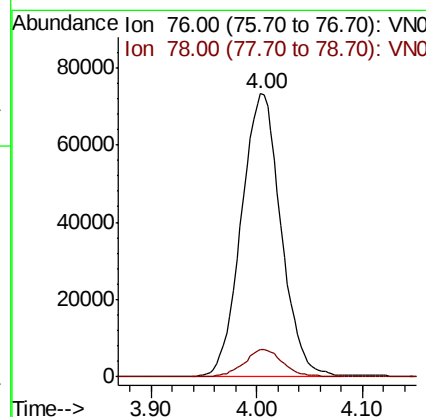
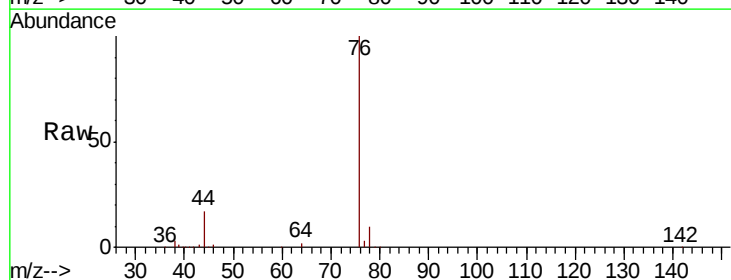
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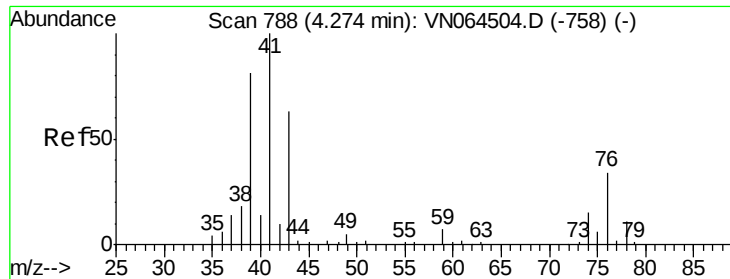
MMDadoda  
11/10/2020 1:10:29 PM



#16  
Carbon Disulfide  
Concen: 19.514 ug/l  
RT: 4.00 min Scan# 704  
Delta R.T. 0.00 min  
Lab File: VN064504.D  
Acq: 9 Nov 2020 11:48

Tgt Ion: 76 Resp: 191812  
Ion Ratio Lower Upper  
76 100  
78 9.5 7.6 11.4





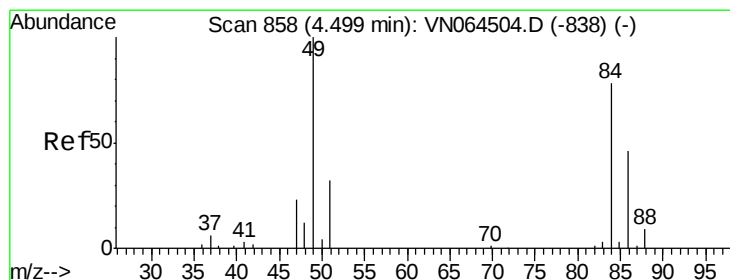
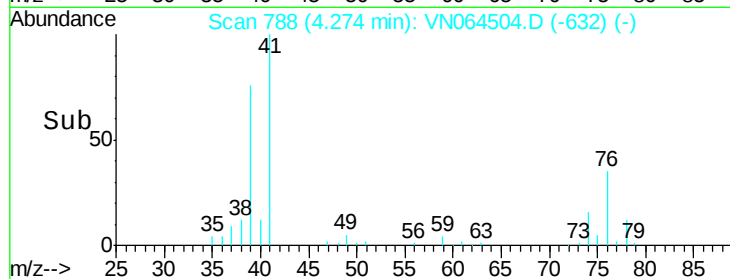
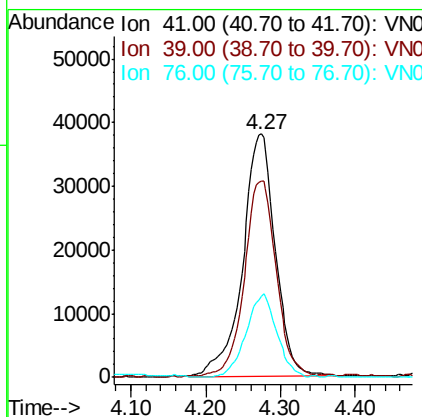
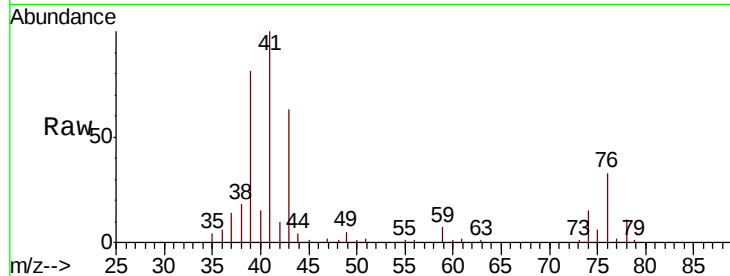
#17  
Allvl chloride  
Concen: 19.104 ug/l  
RT: 4.27 min Scan# 788  
Delta R.T. 0.00 min  
Lab File: VN064504.D  
Acq: 9 Nov 2020 11:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 80.5  | 40.3  | 120.8 |
| 76      | 33.5  | 16.8  | 50.3  |

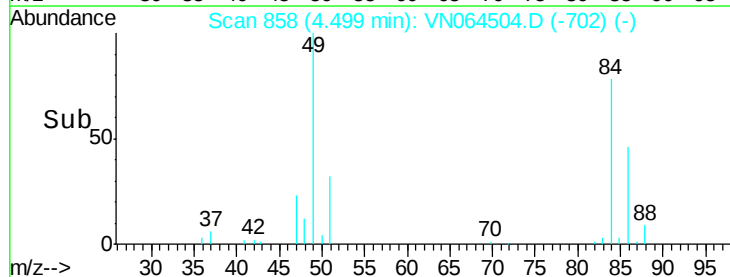
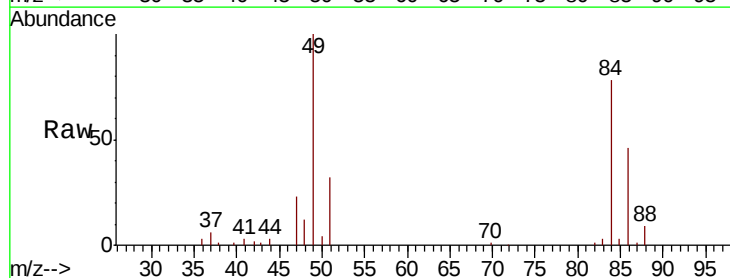
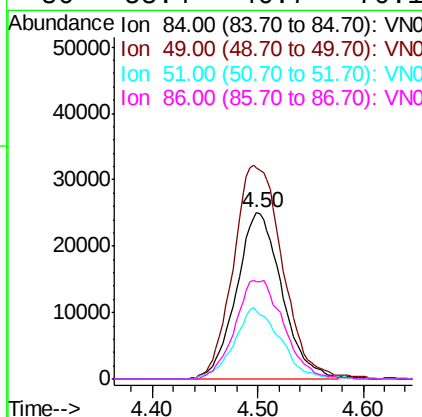
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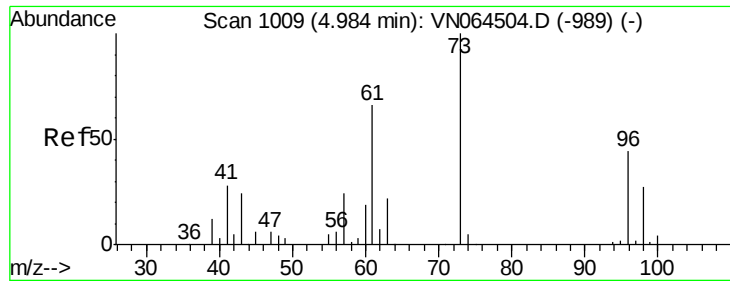
MMDadoda  
11/10/2020 1:10:29 PM



#18  
Methylene Chloride  
Concen: 18.923 ug/l  
RT: 4.50 min Scan# 858  
Delta R.T. 0.00 min  
Lab File: VN064504.D  
Acq: 9 Nov 2020 11:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 127.6 | 102.1 | 153.1 |
| 51      | 40.7  | 32.6  | 48.8  |
| 86      | 58.4  | 46.7  | 70.1  |





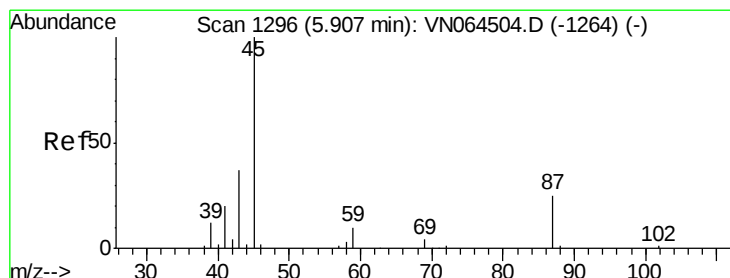
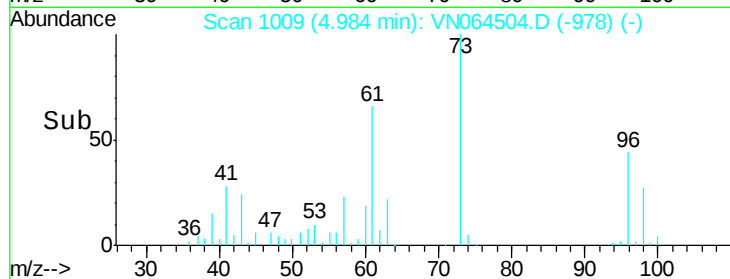
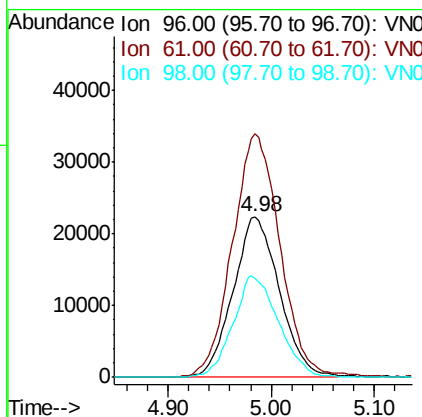
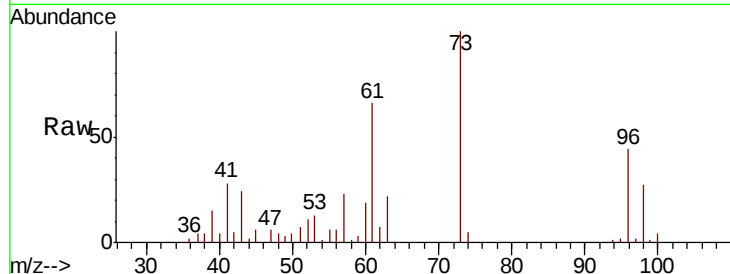
#19  
trans-1,2-Dichloroethene  
Concen: 18.579 ug/l  
RT: 4.98 min Scan# 1009  
Delta R.T. 0.00 min  
Lab File: VN064504.D  
Acq: 9 Nov 2020 11:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 150.1 | 120.1 | 180.1 |
| 98      | 61.4  | 49.1  | 73.7  |

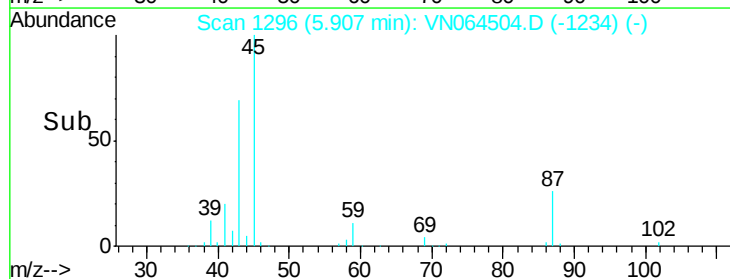
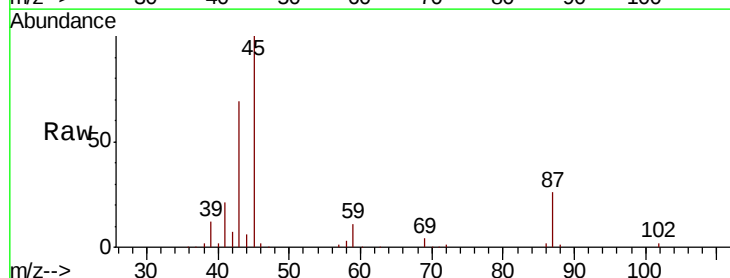
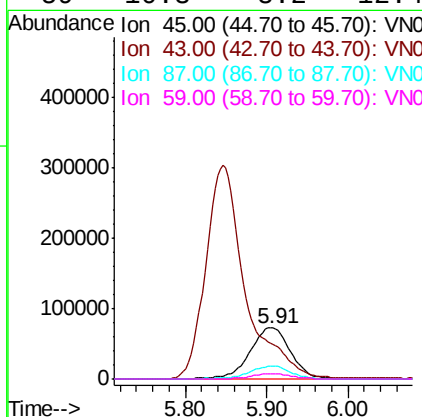
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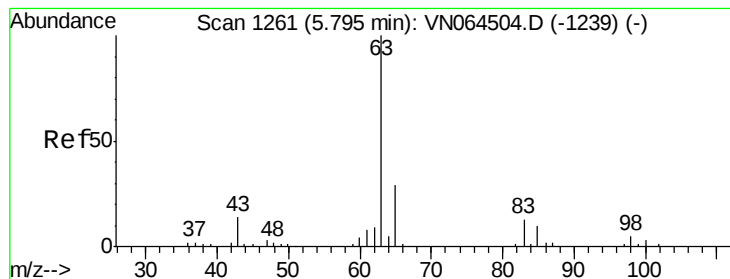
MMDadoda  
11/10/2020 1:10:29 PM



#20  
Diisopropyl ether  
Concen: 19.326 ug/l  
RT: 5.91 min Scan# 1296  
Delta R.T. 0.00 min  
Lab File: VN064504.D  
Acq: 9 Nov 2020 11:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 66.4  | 53.1  | 79.7  |
| 87      | 26.3  | 21.0  | 31.6  |
| 59      | 10.3  | 8.2   | 12.4  |





#21

1,1-Dichloroethane

Concen: 19.315 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. 0.00 min

Lab File: VN064504.D

Acq: 9 Nov 2020 11:48

Instrument :

MSVOA\_N

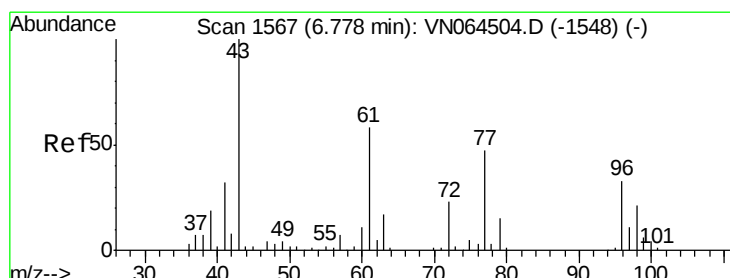
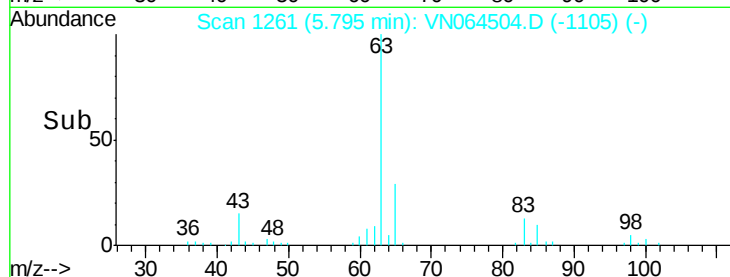
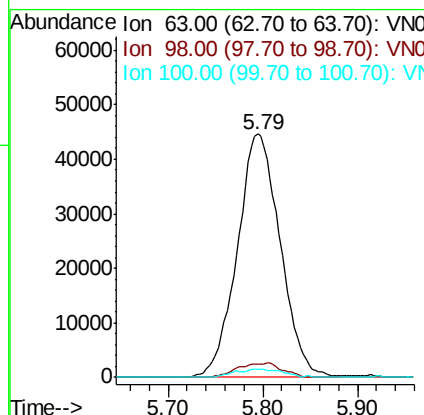
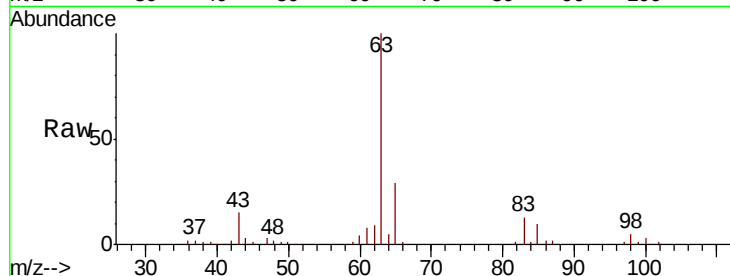
ClientSampleId :

VSTDICCC020

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 63    | Resp: | 140519 |
| Ion Ratio | Lower | Upper |        |
| 63        | 100   |       |        |
| 98        | 5.3   | 2.6   | 8.0    |
| 100       | 3.4   | 1.7   | 5.1    |

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11/10/2020 1:10:29 PM



#22

cis-1,2-Dichloroethene

Concen: 17.417 ug/l

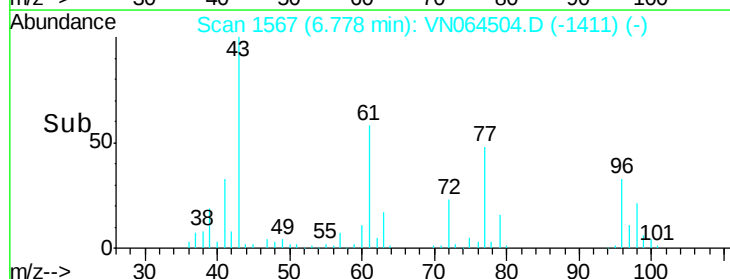
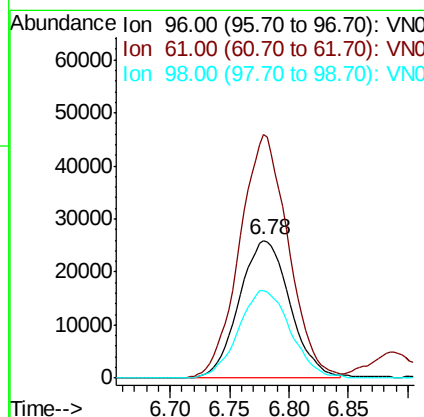
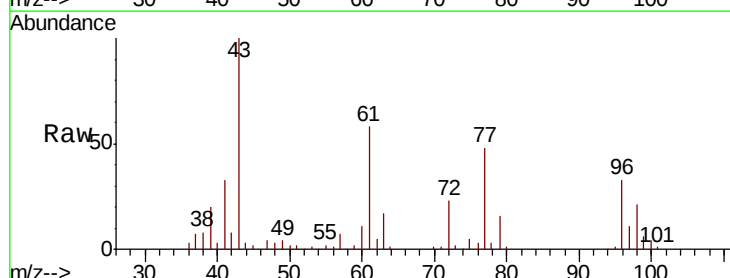
RT: 6.78 min Scan# 1567

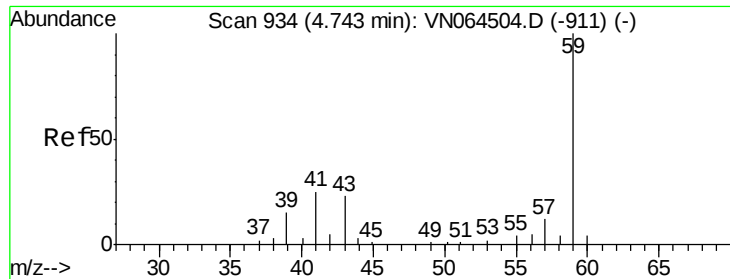
Delta R.T. 0.00 min

Lab File: VN064504.D

Acq: 9 Nov 2020 11:48

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 96    | Resp: | 76533 |
| Ion Ratio | Lower | Upper |       |
| 96        | 100   |       |       |
| 61        | 170.1 | 136.1 | 204.1 |
| 98        | 64.8  | 51.8  | 77.8  |





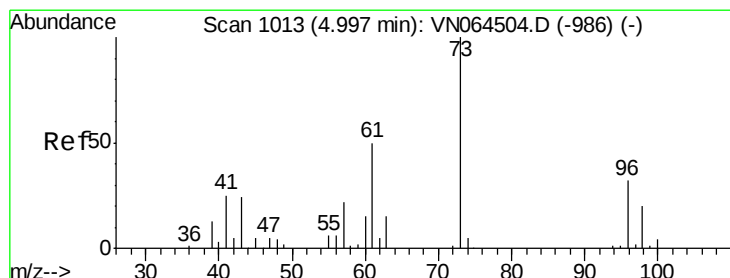
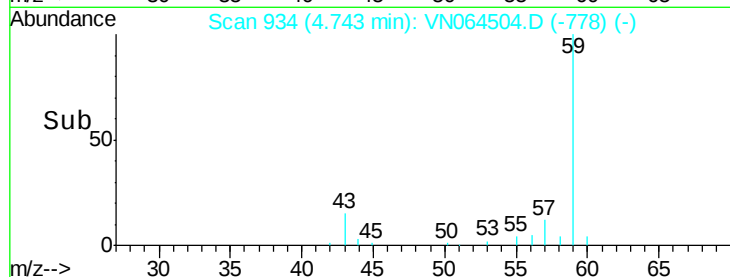
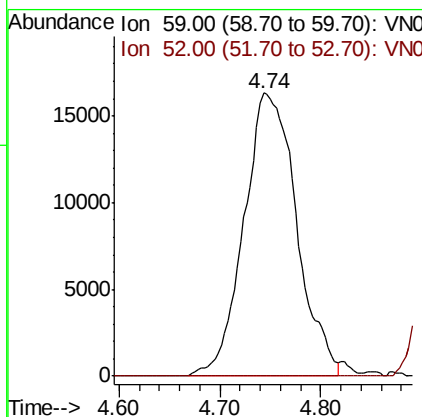
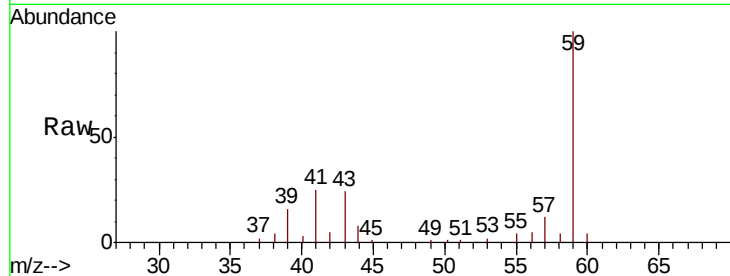
#23  
 tert-Butyl Alcohol  
 Concen: 96.670 ug/l  
 RT: 4.74 min Scan# 934  
 Delta R.T. 0.00 min  
 Lab File: VN064504.D  
 Acq: 9 Nov 2020 11:48

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 52      | 0.0   | 0.0   | 0.0   |

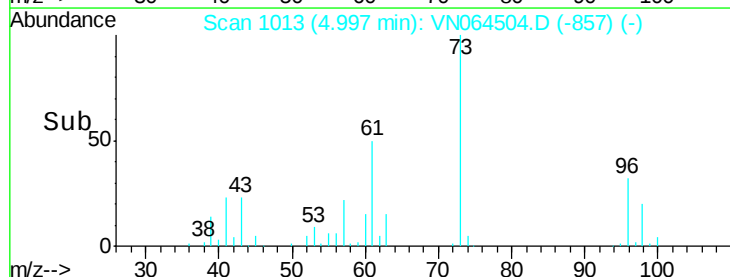
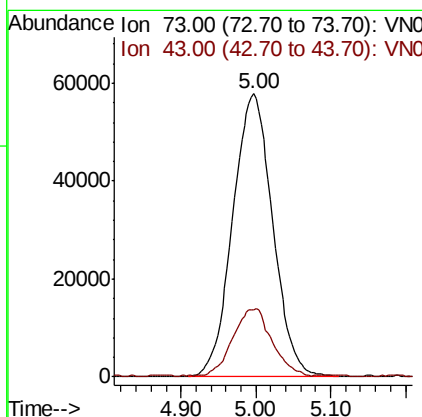
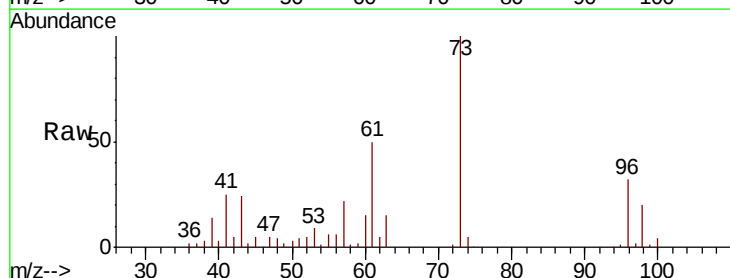
Manual Integrations  
 APPROVED

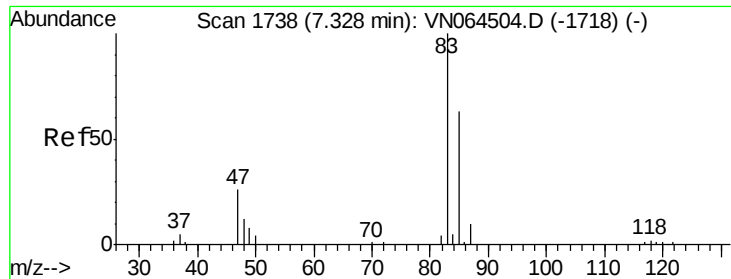
MMDadoda  
 11/10/2020 1:10:29 PM



#24  
 Methyl tert-Butyl Ether  
 Concen: 17.769 ug/l  
 RT: 5.00 min Scan# 1013  
 Delta R.T. 0.00 min  
 Lab File: VN064504.D  
 Acq: 9 Nov 2020 11:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 43      | 12.7  | 10.2  | 15.2  |





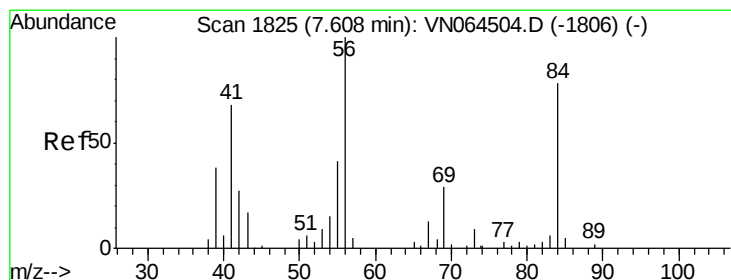
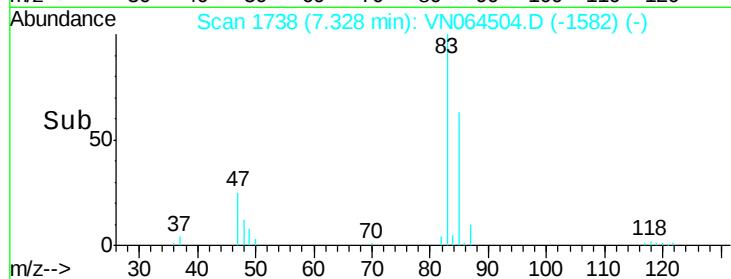
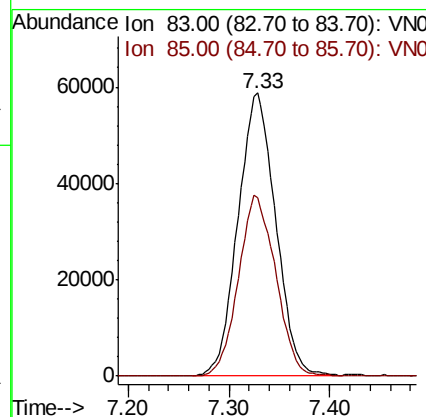
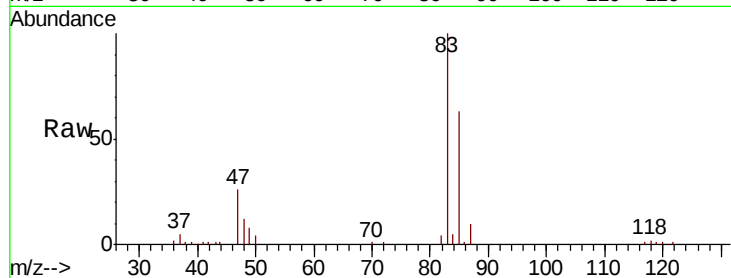
#25  
Chloroform  
Concen: 19.553 ug/l  
RT: 7.33 min Scan# 1738  
Delta R.T. 0.00 min  
Lab File: VN064504.D  
Acq: 9 Nov 2020 11:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

Tot Ion: 83 Resp: 152507  
Ion Ratio Lower Upper  
83 100  
85 63.2 50.6 75.8

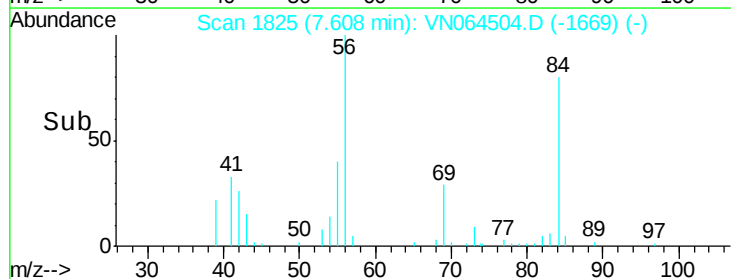
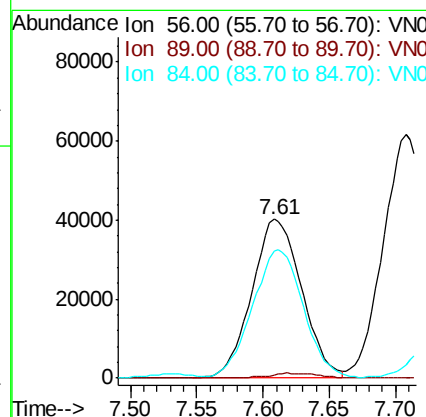
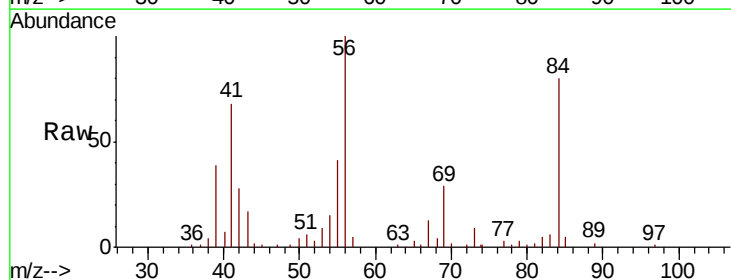
Manual Integrations  
APPROVED

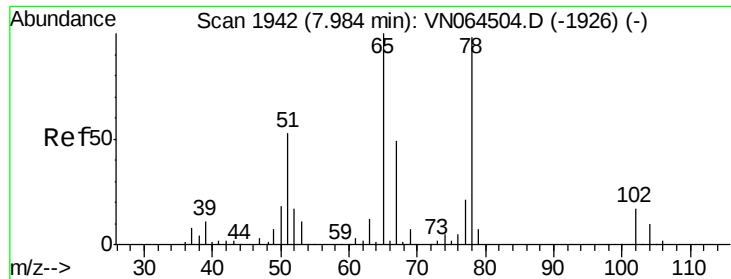
MMDadoda  
11/10/2020 1:10:29 PM



#26  
Cyclohexane  
Concen: 18.419 ug/l  
RT: 7.61 min Scan# 1825  
Delta R.T. 0.00 min  
Lab File: VN064504.D  
Acq: 9 Nov 2020 11:48

Tgt Ion: 56 Resp: 105808  
Ion Ratio Lower Upper  
56 100  
89 0.7 0.6 0.8  
84 82.6 66.1 99.1





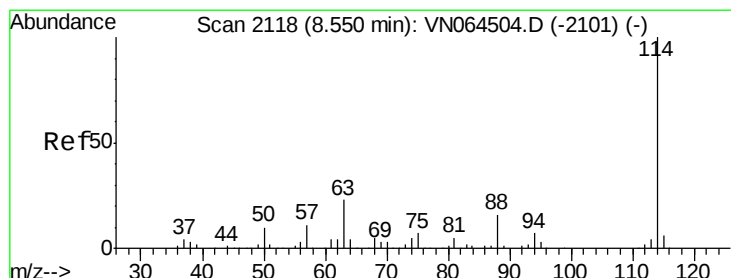
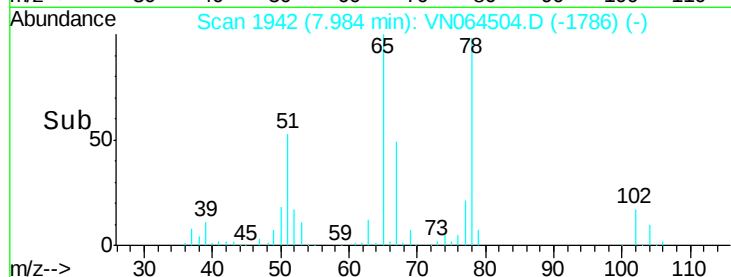
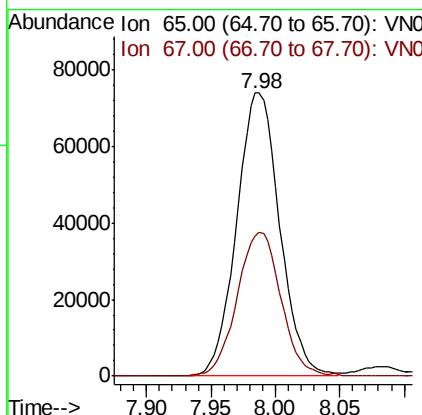
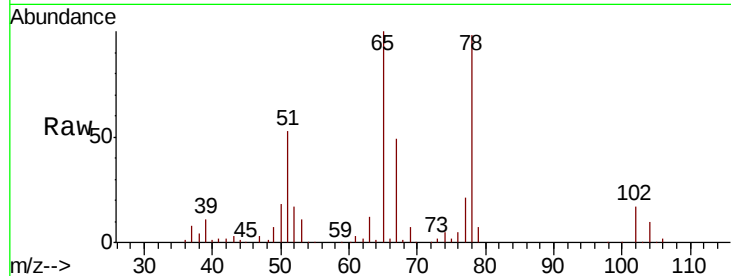
#27  
 1,2-Dichloroethane-d4  
 Concen: 32.883 ug/l  
 RT: 7.98 min Scan# 1942  
 Delta R.T. 0.00 min  
 Lab File: VN064504.D  
 Acq: 9 Nov 2020 11:48

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC020

Tot Ion: 65 Resp: 172150  
 Ion Ratio Lower Upper  
 65 100  
 67 51.4 41.1 61.7

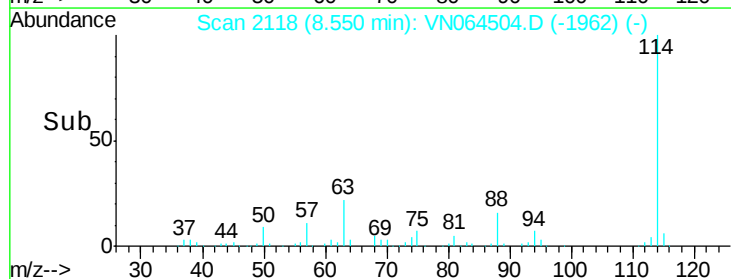
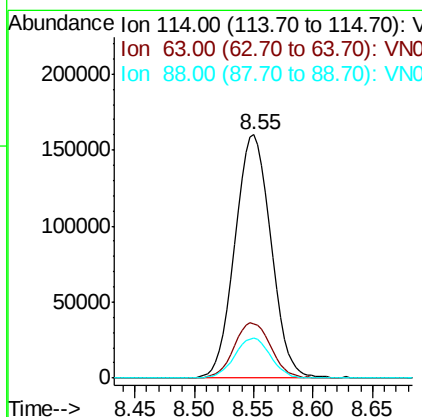
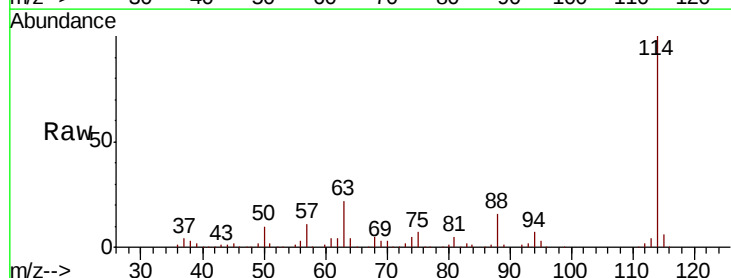
Manual Integrations  
 APPROVED

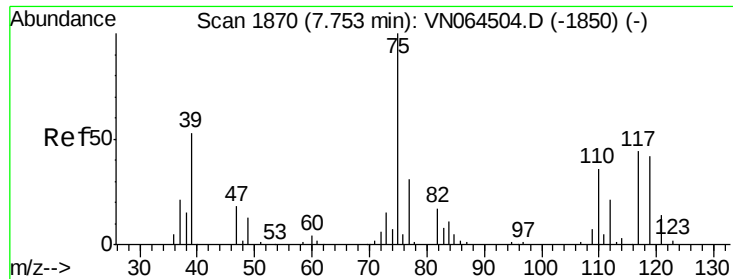
MMDadoda  
 11/10/2020 1:10:29 PM



#28  
 1,4-Difluorobenzene  
 Concen: 30.000 ug/l  
 RT: 8.55 min Scan# 2118  
 Delta R.T. 0.00 min  
 Lab File: VN064504.D  
 Acq: 9 Nov 2020 11:48

Tgt Ion: 114 Resp: 337422  
 Ion Ratio Lower Upper  
 114 100  
 63 23.1 18.5 27.7  
 88 16.3 13.0 19.6





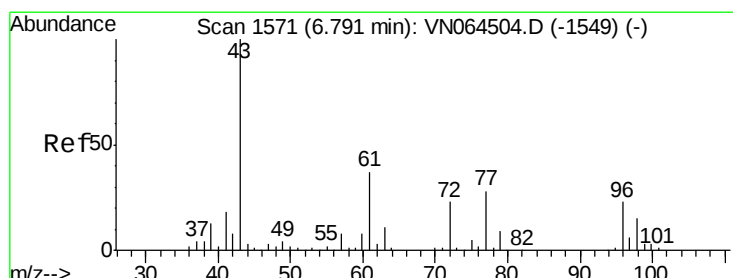
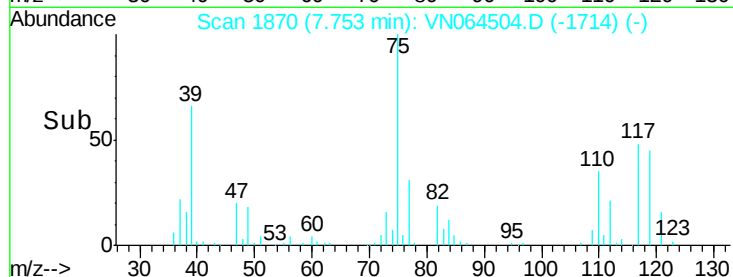
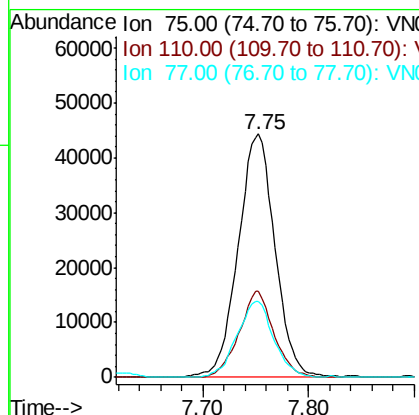
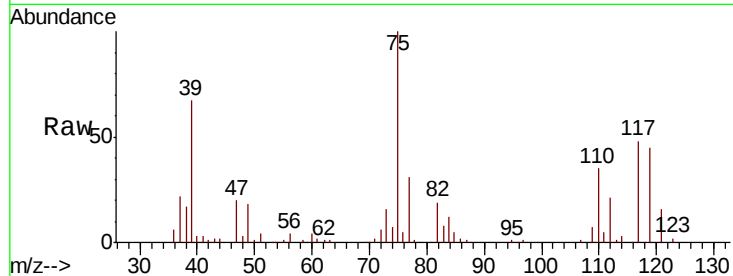
#29  
 1,1-Dichloropropene  
 Concen: 19.496 ug/l  
 RT: 7.75 min Scan# 1870  
 Delta R.T. 0.00 min  
 Lab File: VN064504.D  
 Acq: 9 Nov 2020 11:48

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 33.2  | 0.0   | 66.4  |
| 77      | 31.0  | 0.0   | 62.0  |

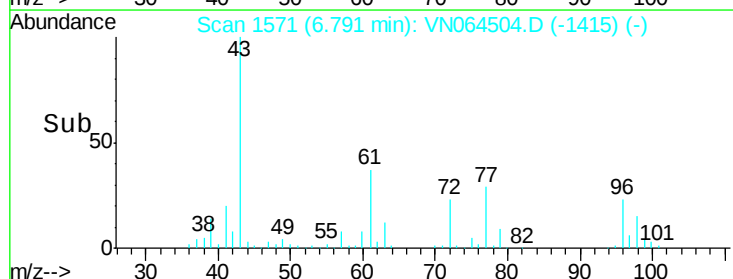
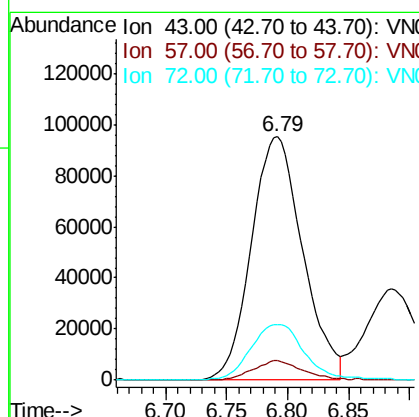
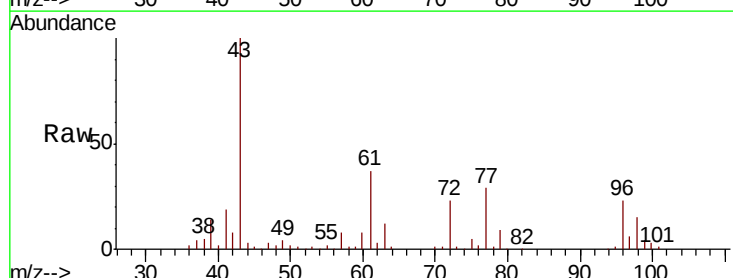
Manual Integrations  
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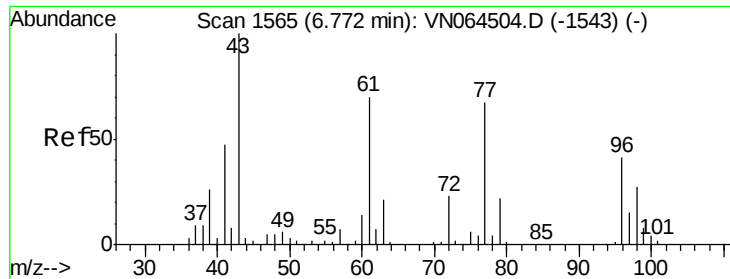
MMDadoda  
 11/10/2020 1:10:29 PM



#30  
 2-Butanone  
 Concen: 109.564 ug/l  
 RT: 6.79 min Scan# 1571  
 Delta R.T. 0.00 min  
 Lab File: VN064504.D  
 Acq: 9 Nov 2020 11:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 57      | 7.8   | 6.2   | 9.4   |
| 72      | 12.4  | 9.9   | 14.9  |





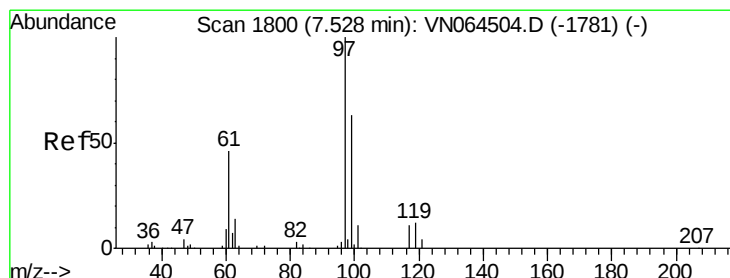
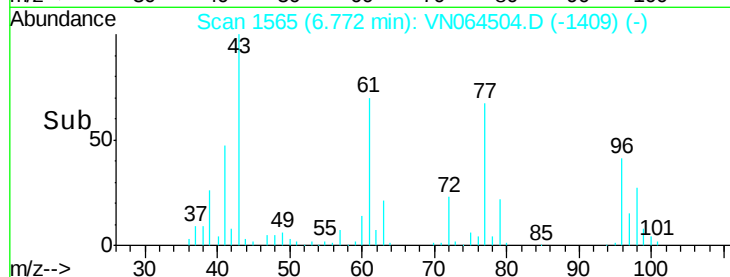
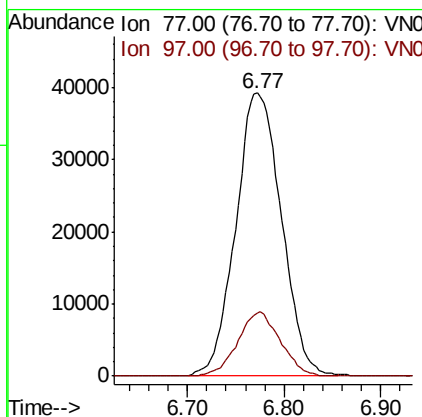
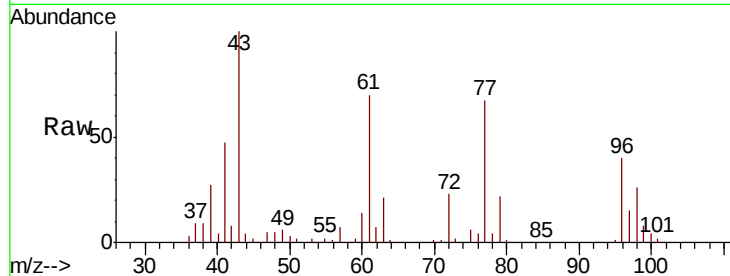
#31  
 2,2-Dichloropropane  
 Concen: 19.210 ug/l  
 RT: 6.77 min Scan# 1565  
 Delta R.T. 0.00 min  
 Lab File: VN064504.D  
 Acq: 9 Nov 2020 11:48

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 97      | 21.1  | 16.9  | 25.3  |

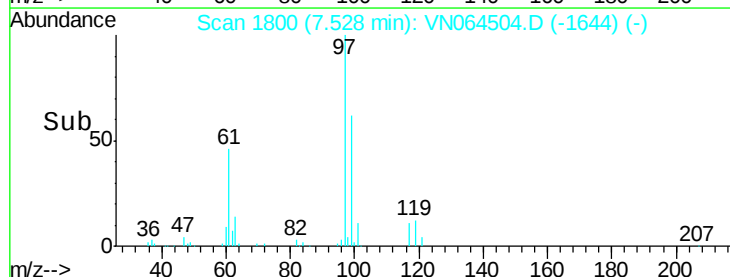
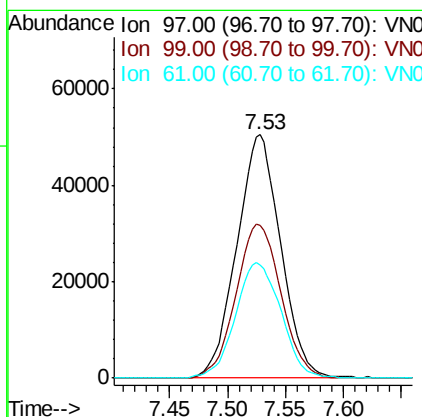
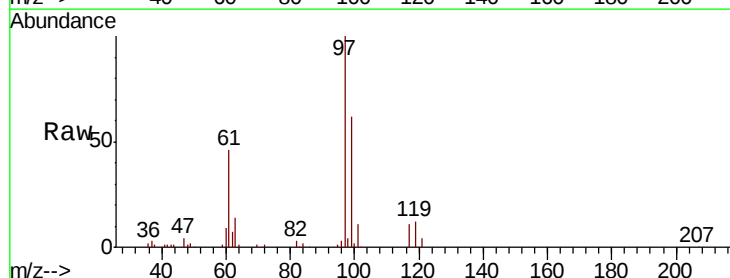
Manual Integrations  
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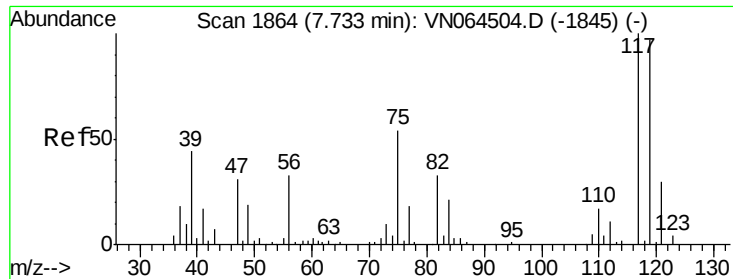
MMDadoda  
 11/10/2020 1:10:29 PM



#32  
 1,1,1-Trichloroethane  
 Concen: 18.694 ug/l  
 RT: 7.53 min Scan# 1800  
 Delta R.T. 0.00 min  
 Lab File: VN064504.D  
 Acq: 9 Nov 2020 11:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.8  | 51.8  | 77.8  |
| 61      | 49.2  | 39.4  | 59.0  |





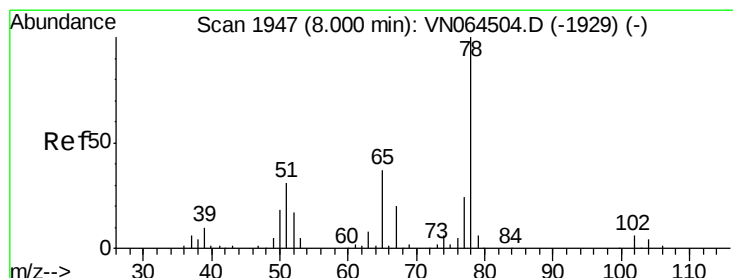
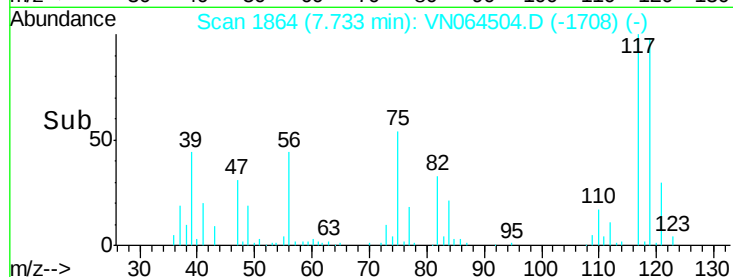
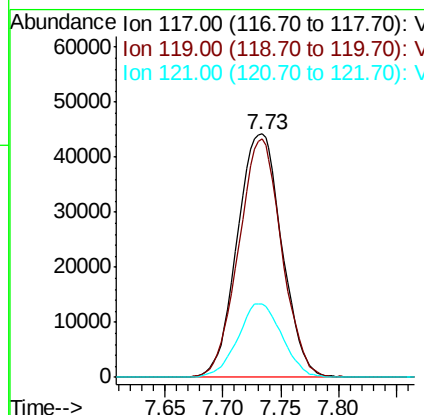
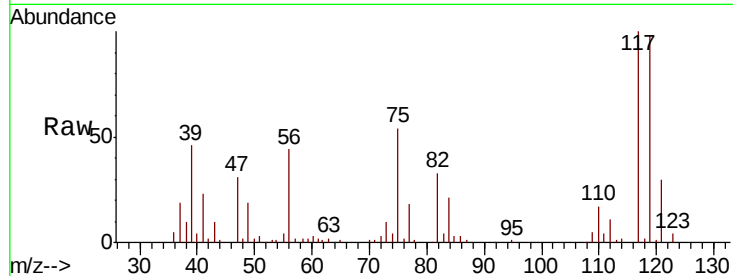
#33  
Carbon Tetrachloride  
Concen: 18.513 ug/l  
RT: 7.73 min Scan# 1864  
Delta R.T. 0.00 min  
Lab File: VN064504.D  
Acq: 9 Nov 2020 11:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 97.4  | 77.9  | 116.9 |
| 121     | 30.0  | 24.0  | 36.0  |

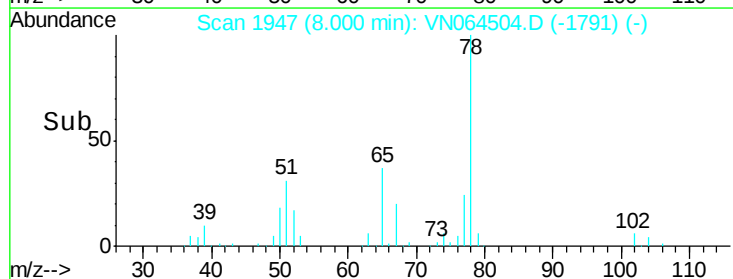
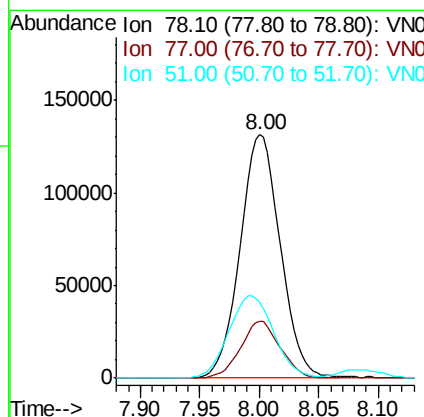
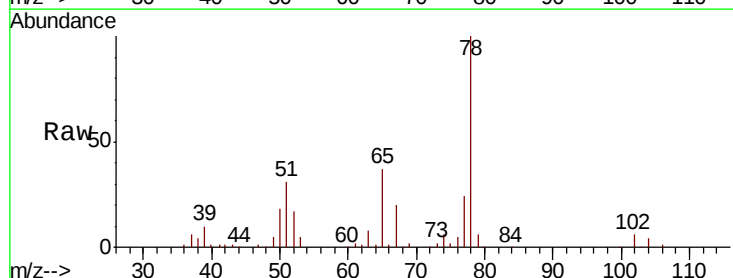
Manual Integrations  
APPROVED

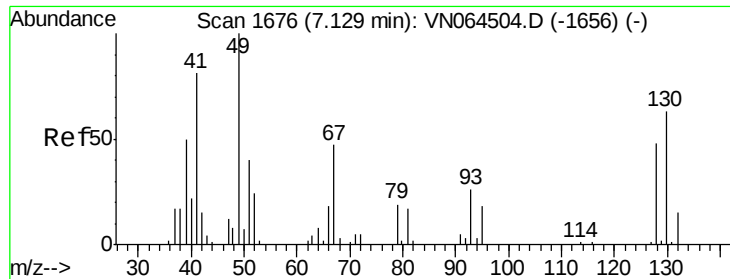
MMDadoda  
11/10/2020 1:10:29 PM



#34  
Benzene  
Concen: 19.743 ug/l  
RT: 8.00 min Scan# 1947  
Delta R.T. 0.00 min  
Lab File: VN064504.D  
Acq: 9 Nov 2020 11:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.6  | 18.9  | 28.3  |
| 51      | 30.7  | 24.6  | 36.8  |





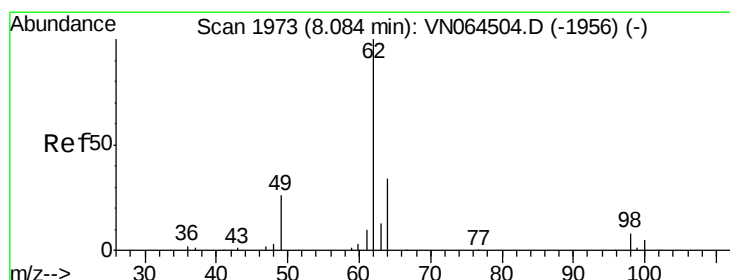
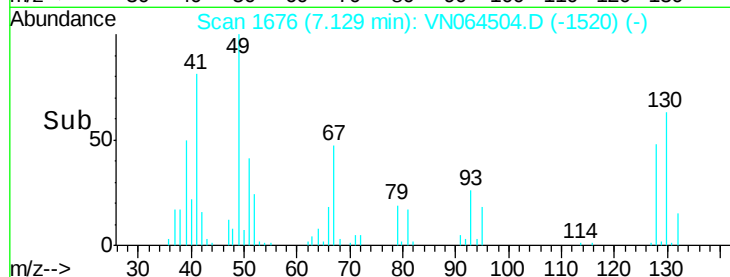
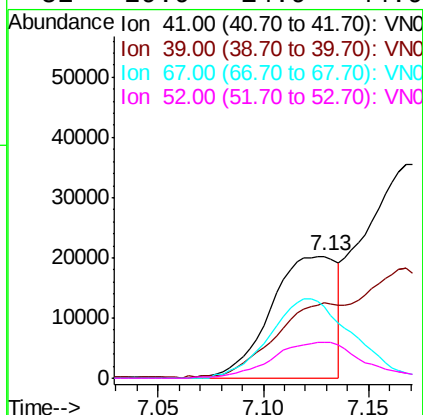
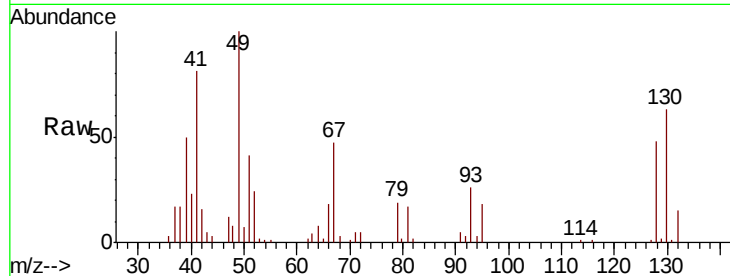
#35  
Methacrylonitrile  
Concen: 18.053 ug/l  
RT: 7.13 min Scan# 1676  
Delta R.T. 0.00 min  
Lab File: VN064504.D  
Acq: 9 Nov 2020 11:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 44390 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 60.1  | 30.0  | 90.1  |
| 67       | 58.4  | 29.2  | 87.6  |
| 52       | 29.9  | 14.9  | 44.9  |

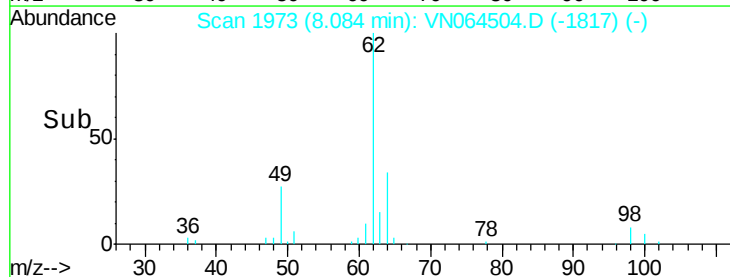
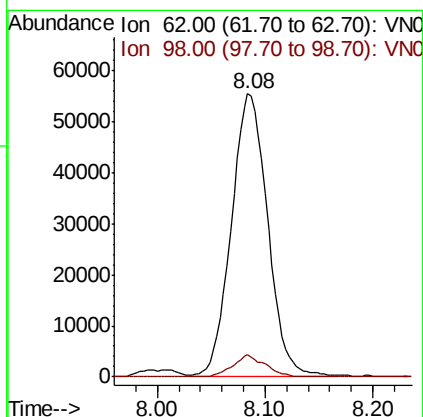
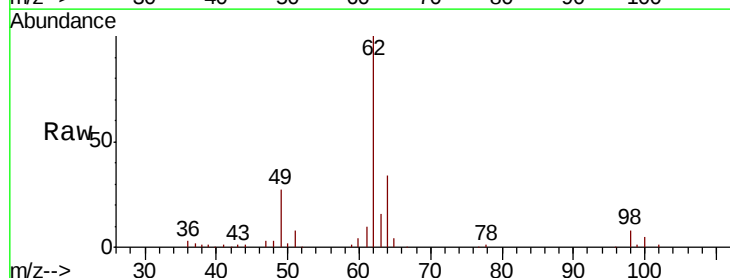
Manual Integrations  
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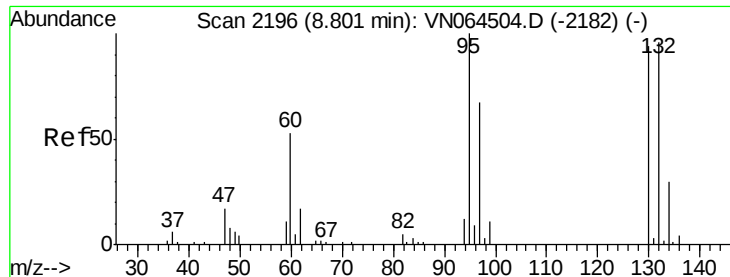
MMDadoda  
11/10/2020 1:10:29 PM



#36  
1,2-Dichloroethane  
Concen: 20.267 ug/l  
RT: 8.08 min Scan# 1973  
Delta R.T. 0.00 min  
Lab File: VN064504.D  
Acq: 9 Nov 2020 11:48

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 130326 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 6.9   | 5.5   | 8.3    |





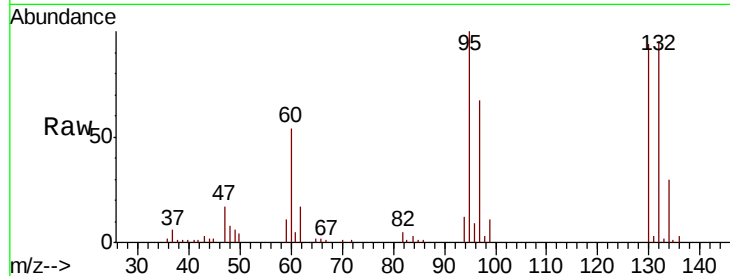
#37  
 Trichloroethene  
 Concen: 17.763 ug/l  
 RT: 8.80 min Scan# 2196  
 Delta R.T. 0.00 min  
 Lab File: VN064504.D  
 Acq: 9 Nov 2020 11:48

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC020

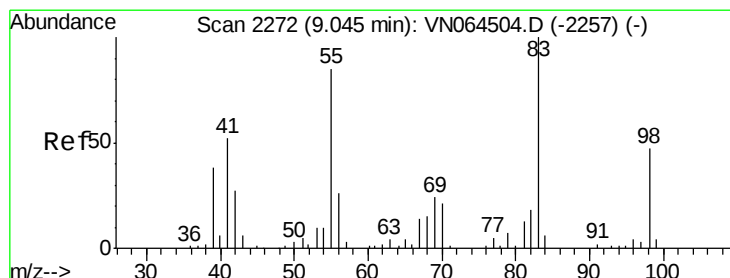
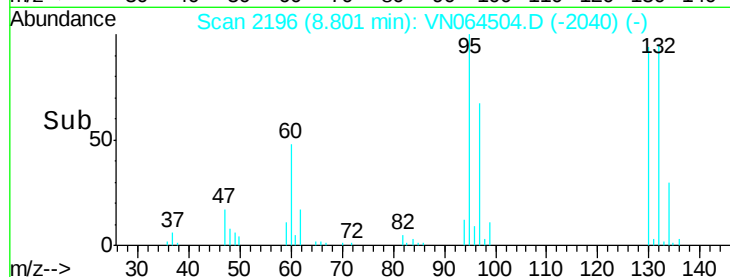
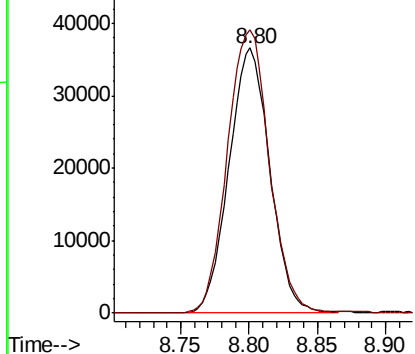
Tot Ion:130 Resp: 76375  
 Ion Ratio Lower Upper  
 130 100  
 95 106.4 85.1 127.7

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 11/10/2020 1:10:29 PM

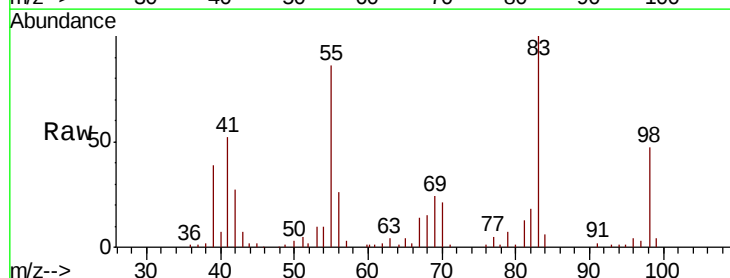


Abundance Ion 129.90 (129.60 to 130.60): V  
 Ion 94.90 (94.60 to 95.60): VN

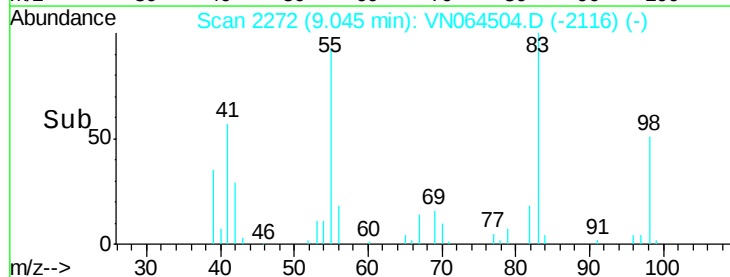
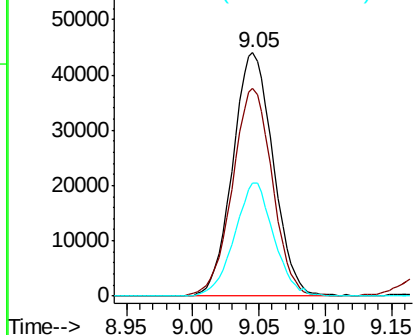


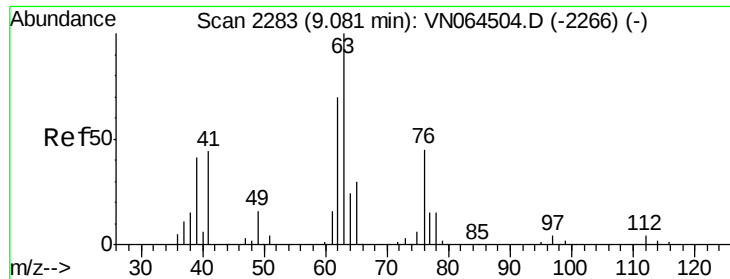
#38  
 Methylcyclohexane  
 Concen: 18.855 ug/l  
 RT: 9.05 min Scan# 2272  
 Delta R.T. 0.00 min  
 Lab File: VN064504.D  
 Acq: 9 Nov 2020 11:48

Tgt Ion: 83 Resp: 93511  
 Ion Ratio Lower Upper  
 83 100  
 55 84.1 42.0 126.1  
 98 45.0 22.5 67.5



Abundance Ion 83.00 (82.70 to 83.70): VN  
 Ion 55.00 (54.70 to 55.70): VN  
 Ion 98.00 (97.70 to 98.70): VN





#39

1,2-Dichloropropane

Concen: 20.678 ug/l

RT: 9.08 min Scan# 2283

Delta R.T. 0.00 min

Lab File: VN064504.D

Acq: 9 Nov 2020 11:48

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC020

Tot Ion: 63 Resp: 83785

Ion Ratio Lower Upper

63 100

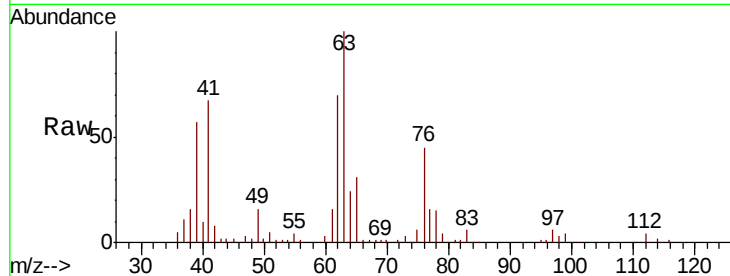
65 30.5 24.4 36.6

Manual Integrations

APPROVED

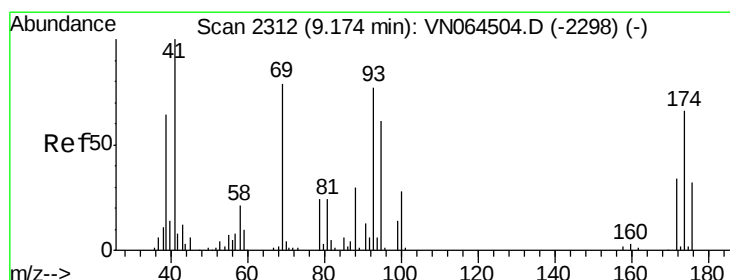
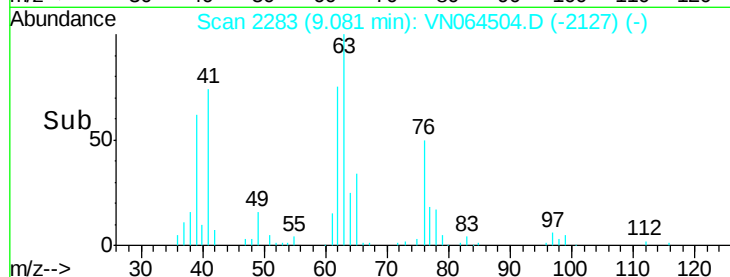
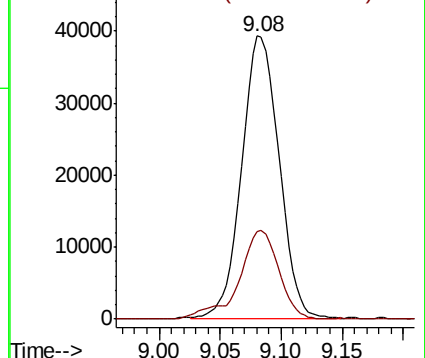
MMDadoda

11/10/2020 1:10:29 PM



Abundance Ion 63.00 (62.70 to 63.70): VN0

Ion 65.00 (64.70 to 65.70): VN0



#40

Dibromomethane

Concen: 19.687 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN064504.D

Acq: 9 Nov 2020 11:48

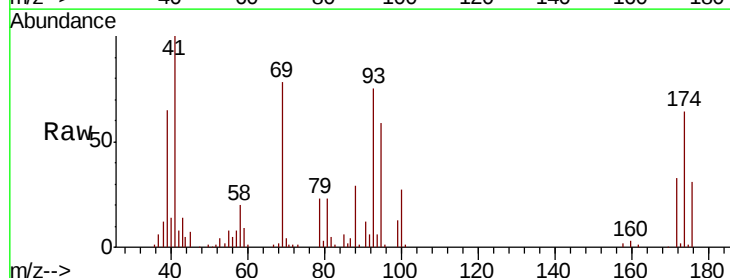
Tgt Ion: 93 Resp: 56915

Ion Ratio Lower Upper

93 100

95 82.3 0.0 164.6

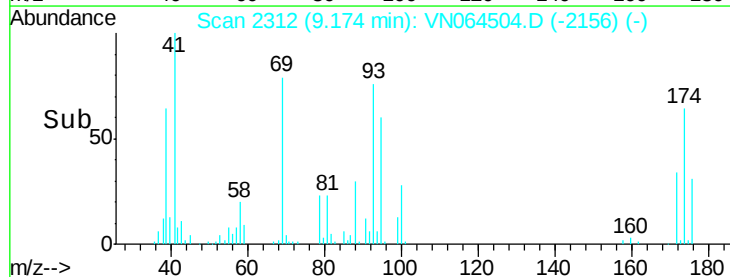
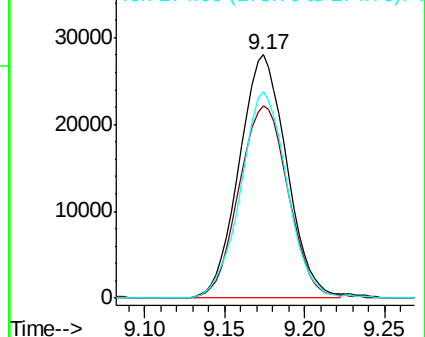
174 82.8 0.0 165.6

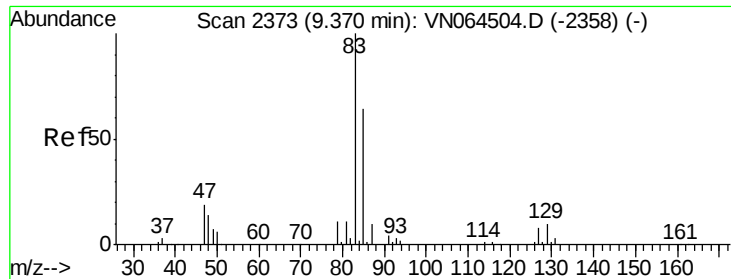


Abundance Ion 93.00 (92.70 to 93.70): VN0

Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): V





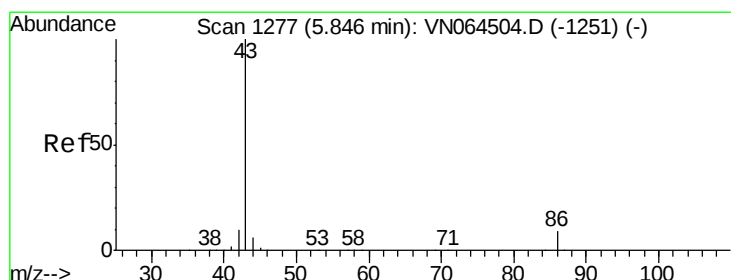
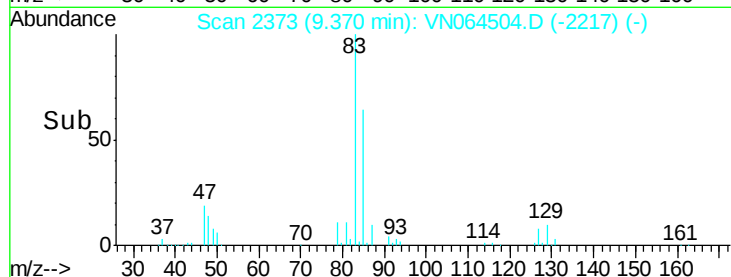
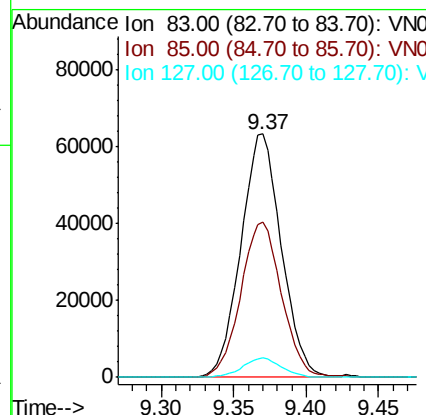
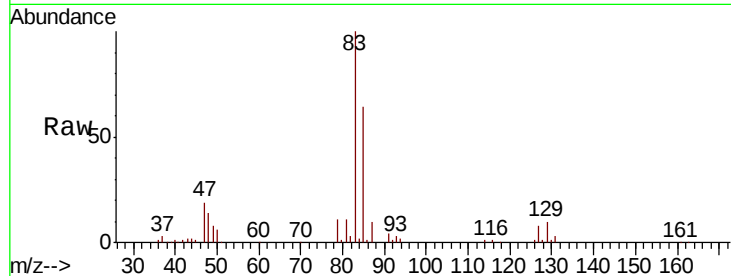
#41  
Bromodichloromethane  
Concen: 20.089 ug/l  
RT: 9.37 min Scan# 2373  
Delta R.T. 0.00 min  
Lab File: VN064504.D  
Acq: 9 Nov 2020 11:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

| Tot Ion   | 83   | Resp  | 123121 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 83        | 100  |       |        |
| 85        | 63.7 | 51.0  | 76.4   |
| 127       | 7.8  | 6.2   | 9.4    |

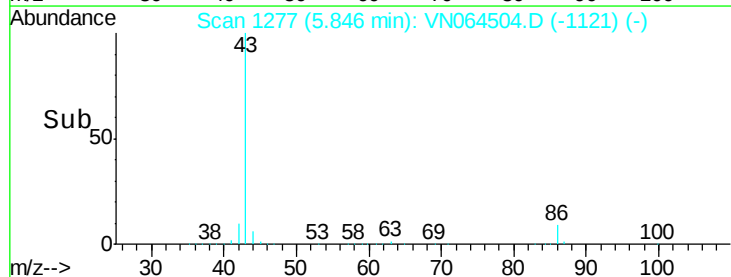
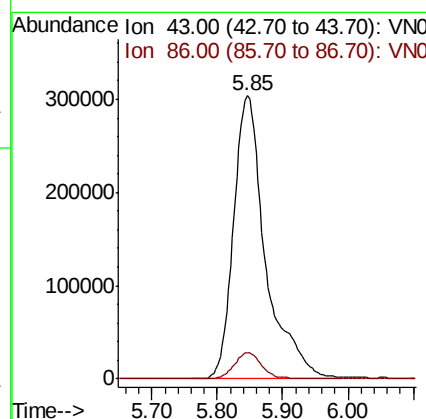
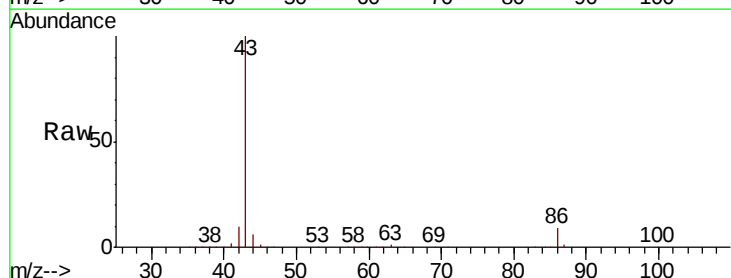
Manual Integrations  
APPROVED

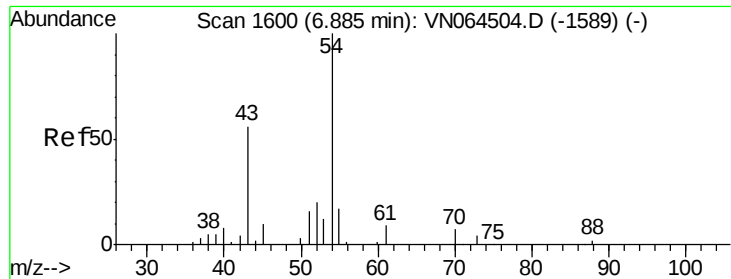
MMDadoda  
11/10/2020 1:10:29 PM



#42  
Vinyl Acetate  
Concen: 97.868 ug/l  
RT: 5.85 min Scan# 1277  
Delta R.T. 0.00 min  
Lab File: VN064504.D  
Acq: 9 Nov 2020 11:48

| Tgt Ion   | 43  | Resp  | 1033820 |
|-----------|-----|-------|---------|
| Ion Ratio | 100 | Lower | Upper   |
| 43        | 100 |       |         |
| 86        | 7.9 | 6.3   | 9.5     |





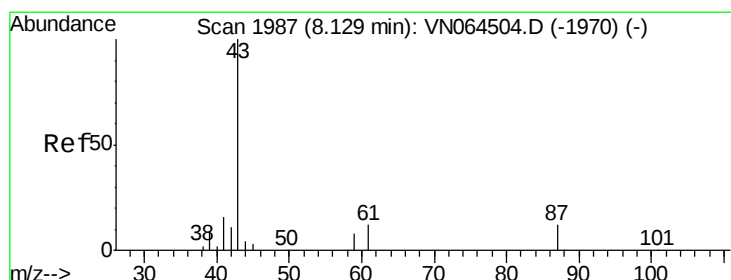
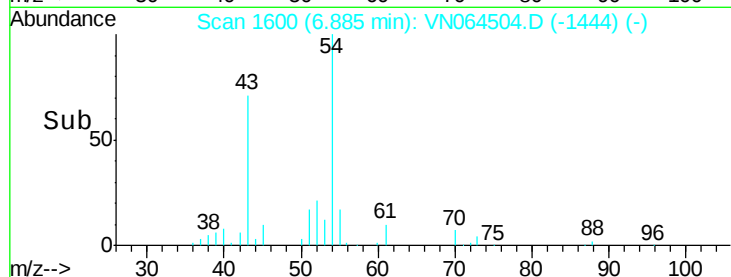
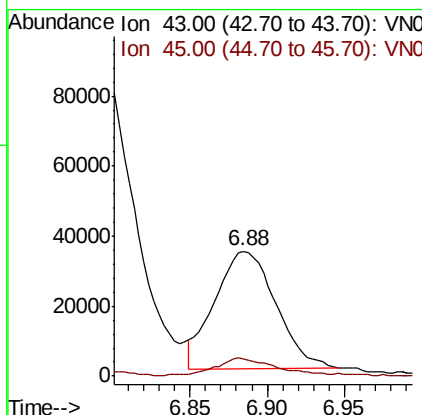
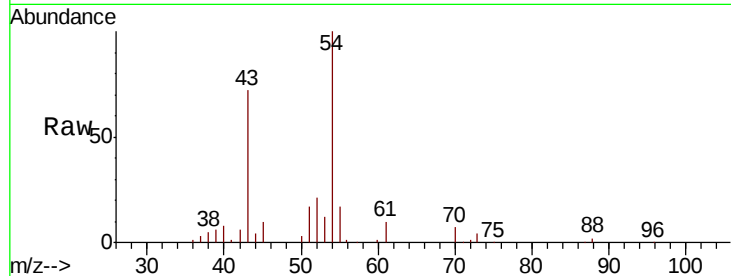
#43  
Ethyl Acetate  
Concen: 18.789 ug/l  
RT: 6.88 min Scan# 1600  
Delta R.T. 0.00 min  
Lab File: VN064504.D  
Acq: 9 Nov 2020 11:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

Tot Ion: 43 Resp: 92103  
Ion Ratio Lower Upper  
43 100  
45 13.6 10.9 16.3

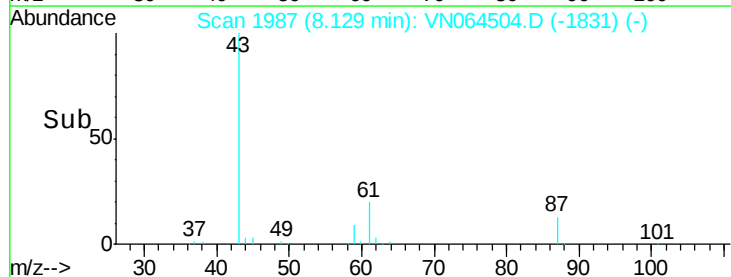
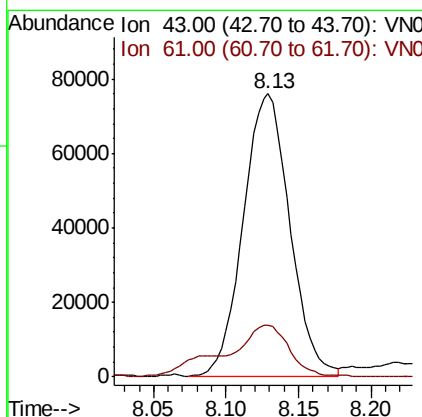
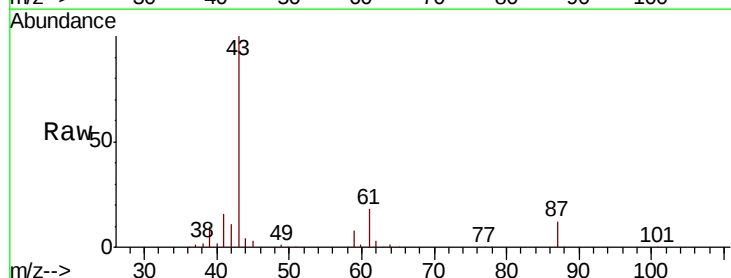
Manual Integrations  
APPROVED

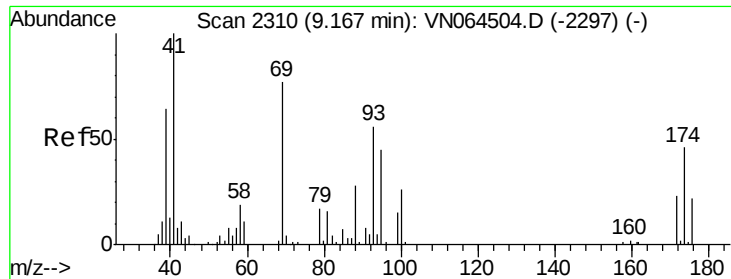
MMDadoda  
11/10/2020 1:10:29 PM



#44  
Isopropyl Acetate  
Concen: 19.674 ug/l  
RT: 8.13 min Scan# 1987  
Delta R.T. 0.00 min  
Lab File: VN064504.D  
Acq: 9 Nov 2020 11:48

Tgt Ion: 43 Resp: 168654  
Ion Ratio Lower Upper  
43 100  
61 16.2 13.0 19.4





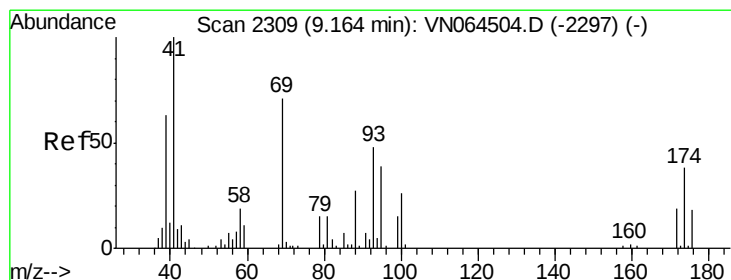
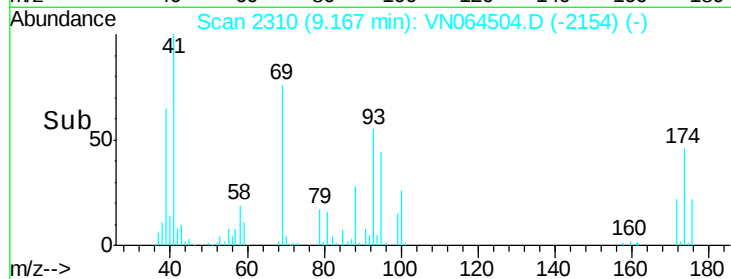
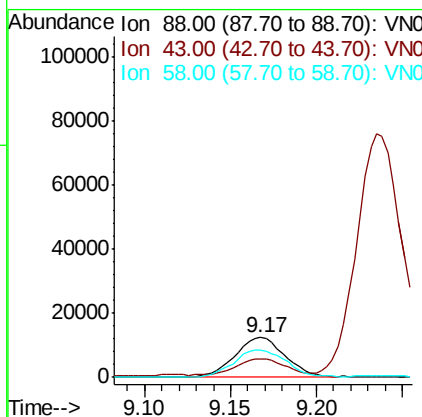
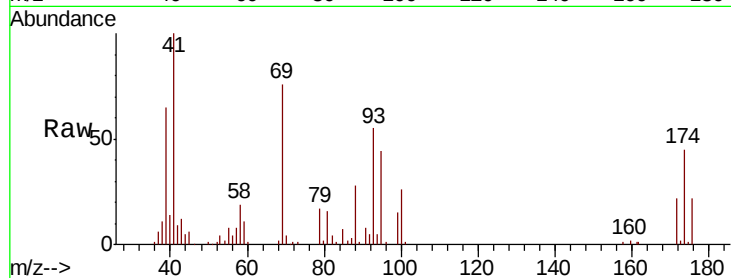
#45  
1,4-Dioxane  
Concen: 412.529 ug/l  
RT: 9.17 min Scan# 2310  
Delta R.T. 0.00 min  
Lab File: VN064504.D  
Acq: 9 Nov 2020 11:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 38.3  | 30.6  | 46.0  |
| 58      | 72.4  | 57.9  | 86.9  |

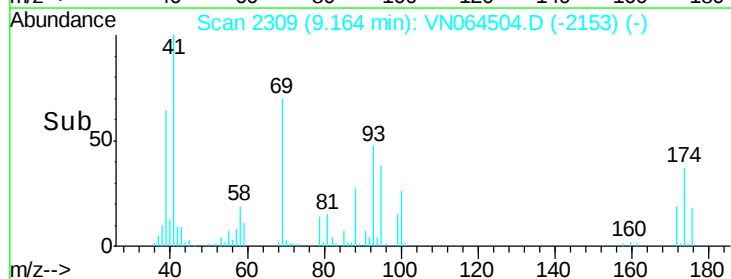
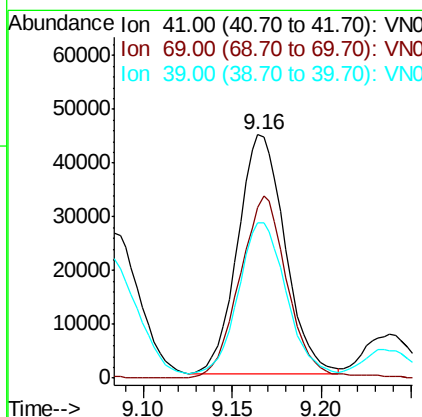
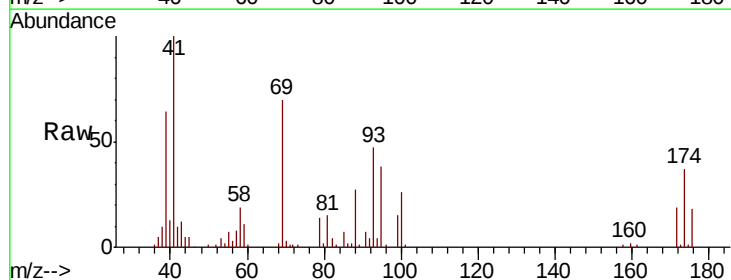
Manual Integrations  
APPROVED

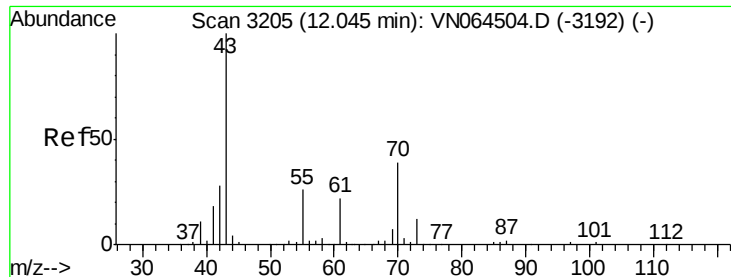
MMDadoda  
11/10/2020 1:10:29 PM



#46  
Methyl methacrylate  
Concen: 19.492 ug/l  
RT: 9.16 min Scan# 2309  
Delta R.T. 0.00 min  
Lab File: VN064504.D  
Acq: 9 Nov 2020 11:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 69      | 70.8  | 35.4  | 106.2 |
| 39      | 63.1  | 31.6  | 94.7  |





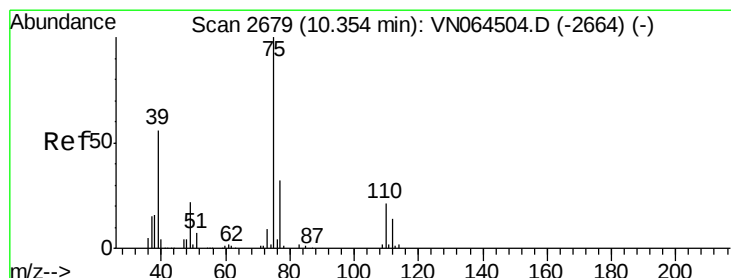
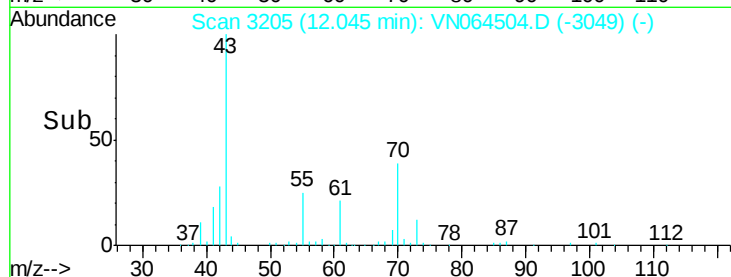
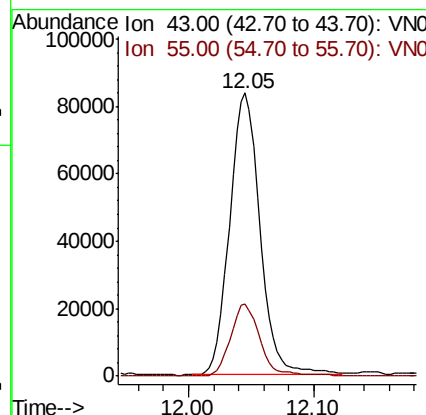
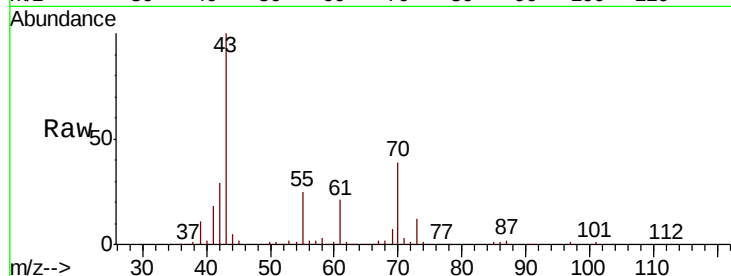
#47  
n-amyl Acetate  
Concen: 19.209 ug/l  
RT: 12.05 min Scan# 3205  
Delta R.T. 0.00 min  
Lab File: VN064504.D  
Acq: 9 Nov 2020 11:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

Tot Ion: 43 Resp: 140382  
Ion Ratio Lower Upper  
43 100  
55 24.0 19.2 28.8

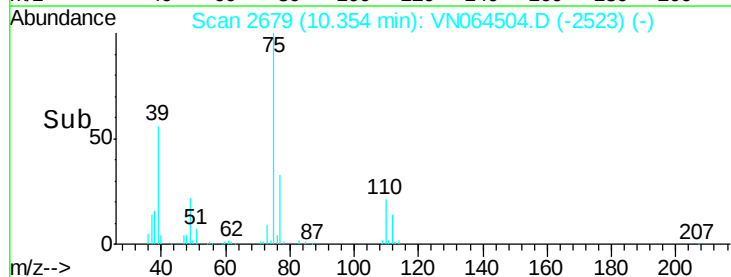
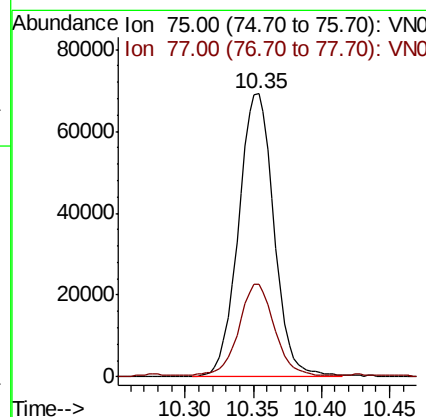
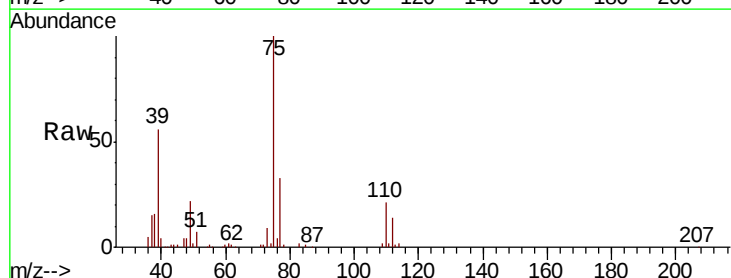
Manual Integrations  
APPROVED

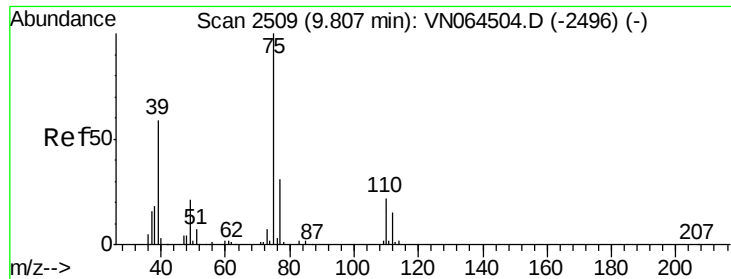
MMDadoda  
11/10/2020 1:10:29 PM



#48  
t-1,3-Dichloropropene  
Concen: 18.578 ug/l  
RT: 10.35 min Scan# 2679  
Delta R.T. 0.00 min  
Lab File: VN064504.D  
Acq: 9 Nov 2020 11:48

Tgt Ion: 75 Resp: 124916  
Ion Ratio Lower Upper  
75 100  
77 32.2 25.8 38.6





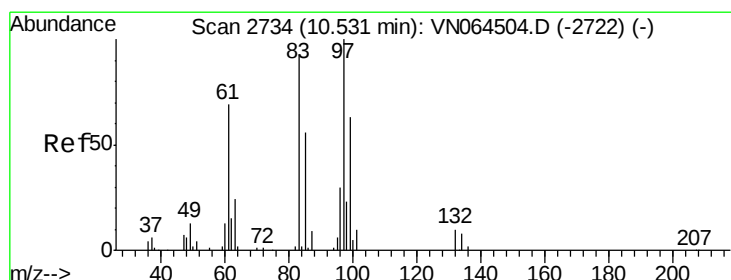
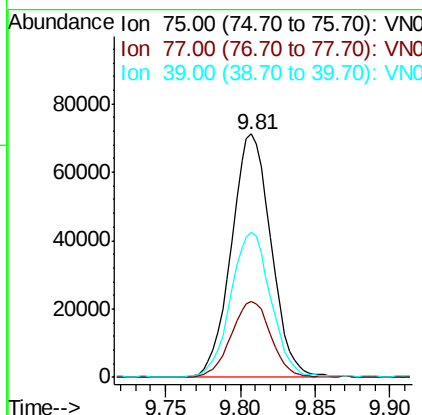
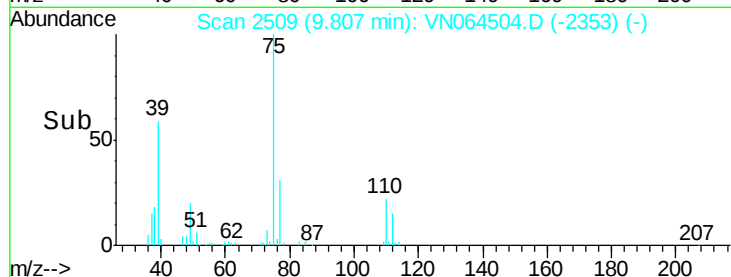
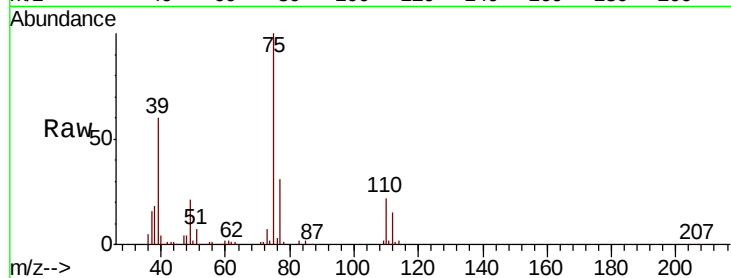
#49  
 cis-1,3-Dichloropropene  
 Concen: 18.919 ug/l  
 RT: 9.81 min Scan# 2509  
 Delta R.T. 0.00 min  
 Lab File: VN064504.D  
 Acq: 9 Nov 2020 11:48

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.0  | 24.8  | 37.2  |
| 39      | 59.2  | 47.4  | 71.0  |

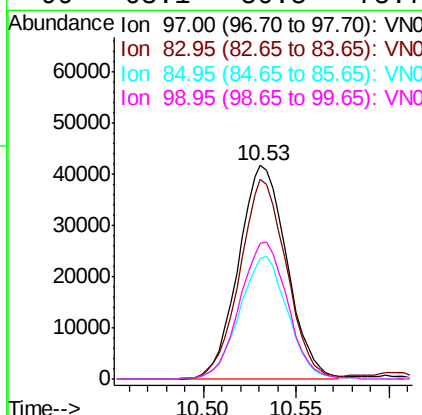
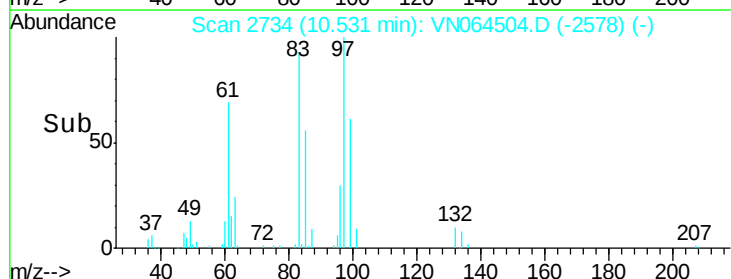
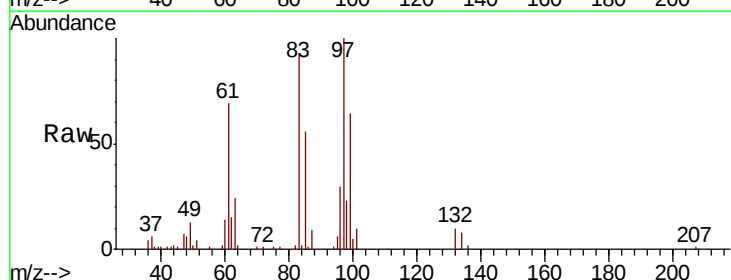
Manual Integrations  
 APPROVED

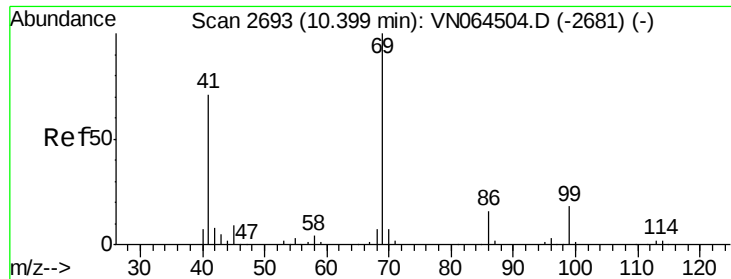
MMDadoda  
 11/10/2020 1:10:29 PM



#50  
 1,1,2-Trichloroethane  
 Concen: 19.486 ug/l  
 RT: 10.53 min Scan# 2734  
 Delta R.T. 0.00 min  
 Lab File: VN064504.D  
 Acq: 9 Nov 2020 11:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 92.8  | 74.2  | 111.4 |
| 85      | 56.0  | 44.8  | 67.2  |
| 99      | 63.1  | 50.5  | 75.7  |





#51

Ethyl methacrylate

Concen: 18.275 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064504.D

Acq: 9 Nov 2020 11:48

Instrument :

MSVOA\_N

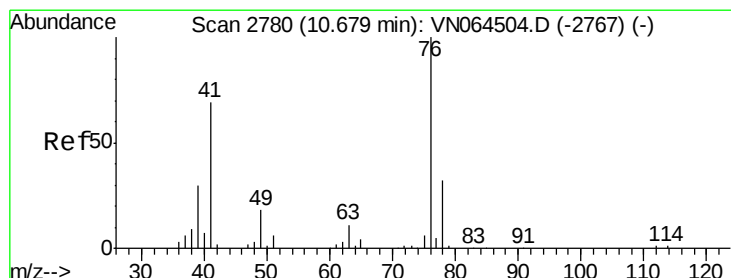
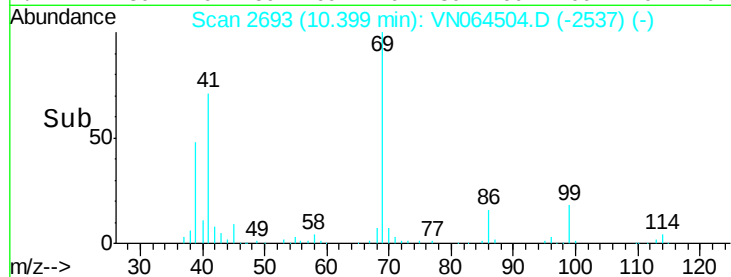
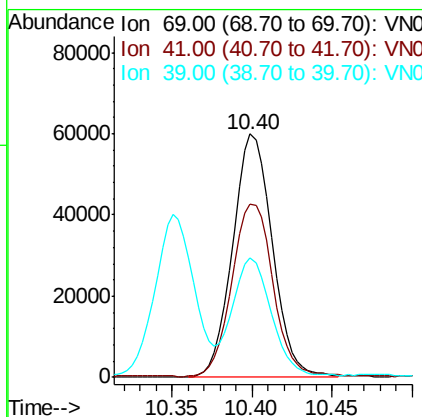
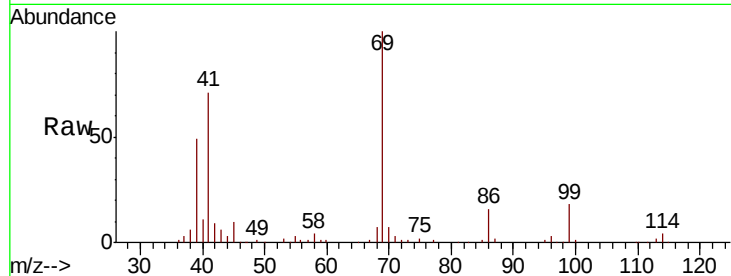
ClientSampleId :

VSTDICCC020

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 69    | Resp: | 101490 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 70.7  | 35.4  | 106.1  |
| 39       | 48.1  | 24.1  | 72.2   |

Manual Integrations  
APPROVED

MMDadoda  
11/10/2020 1:10:29 PM



#52

1,3-Dichloropropane

Concen: 19.626 ug/l

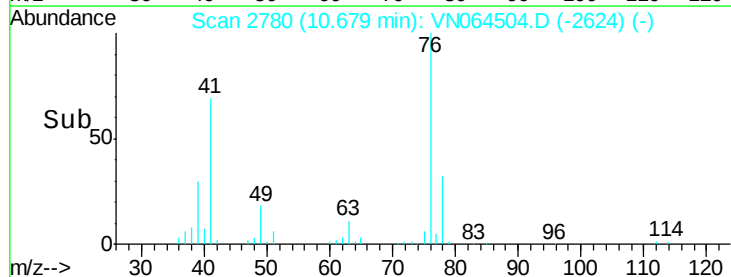
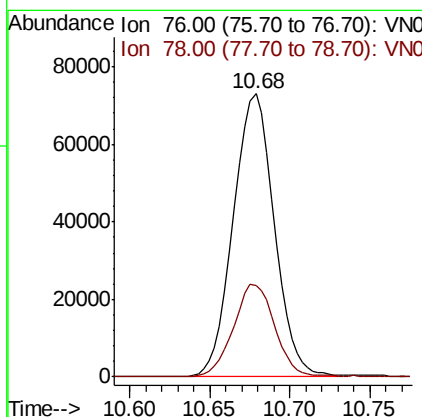
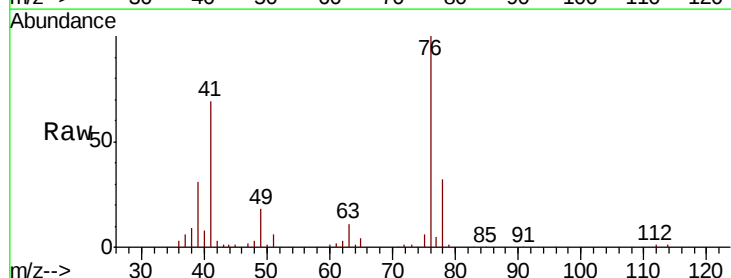
RT: 10.68 min Scan# 2780

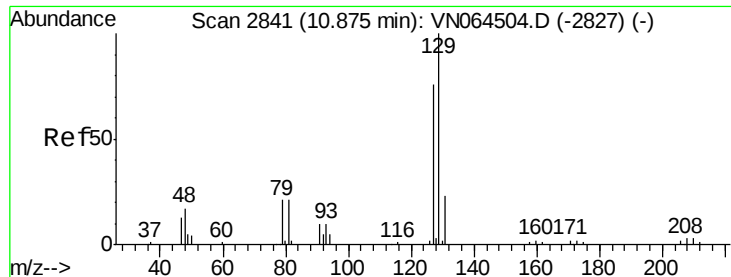
Delta R.T. 0.00 min

Lab File: VN064504.D

Acq: 9 Nov 2020 11:48

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 76    | Resp: | 128062 |
| Ion      | Ratio | Lower | Upper  |
| 76       | 100   |       |        |
| 78       | 32.6  | 0.0   | 65.2   |





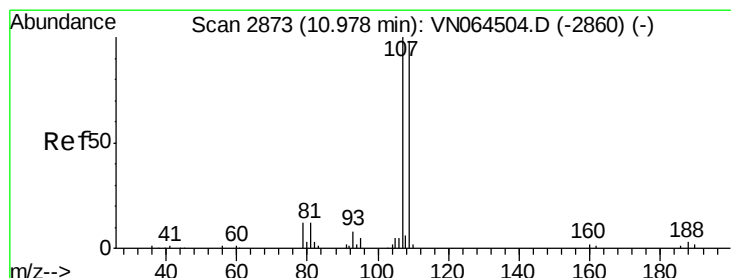
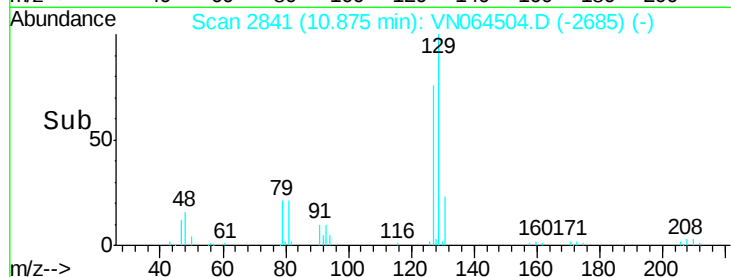
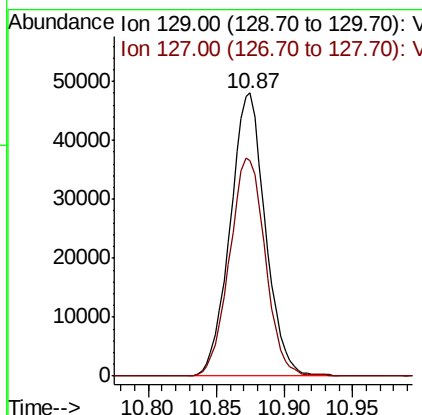
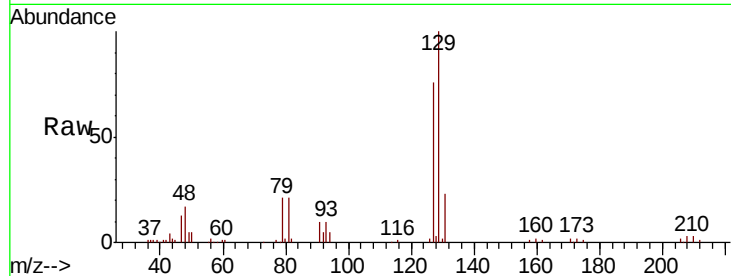
#53  
 Dibromochloromethane  
 Concen: 18.195 ug/l  
 RT: 10.87 min Scan# 2841  
 Delta R.T. 0.00 min  
 Lab File: VN064504.D  
 Acq: 9 Nov 2020 11:48

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 100   |       |       |
| 127     | 78.1  | 39.1  | 117.2 |

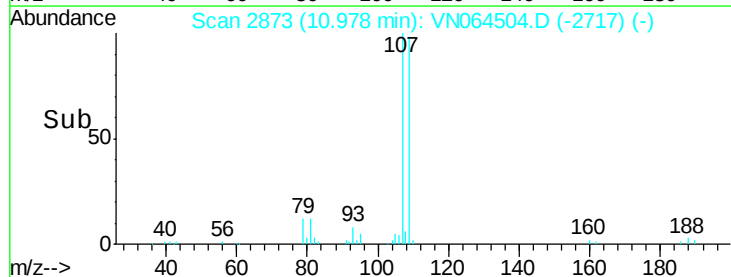
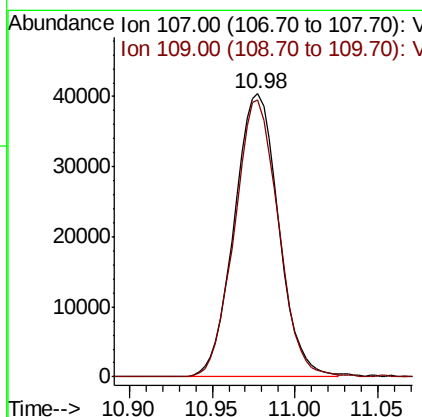
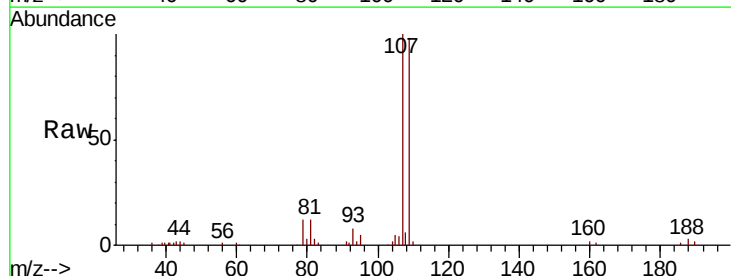
Manual Integrations  
 APPROVED

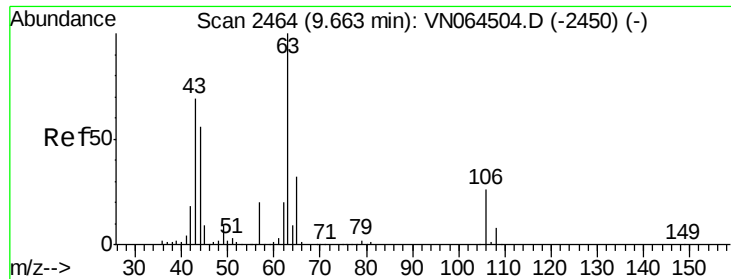
MMDadoda  
 11/10/2020 1:10:29 PM



#54  
 1,2-Dibromoethane  
 Concen: 18.380 ug/l  
 RT: 10.98 min Scan# 2873  
 Delta R.T. 0.00 min  
 Lab File: VN064504.D  
 Acq: 9 Nov 2020 11:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 96.5  | 77.2  | 115.8 |





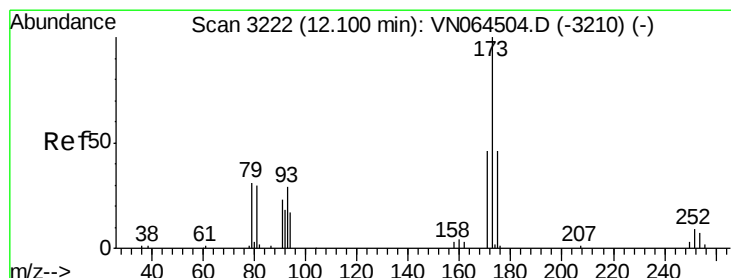
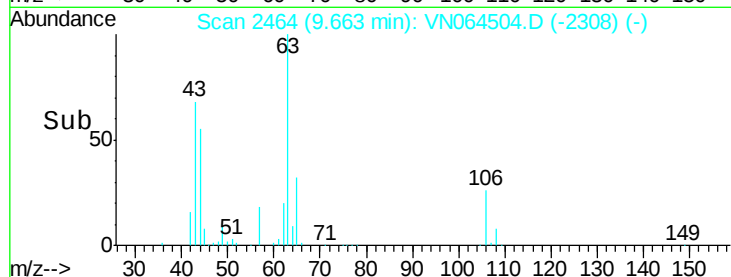
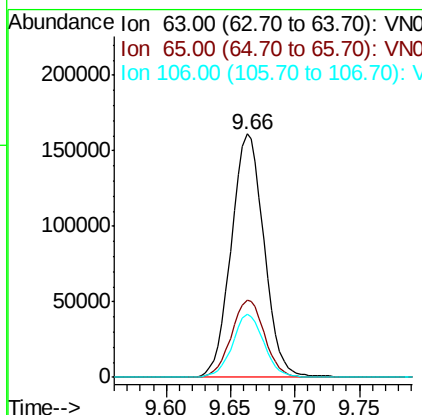
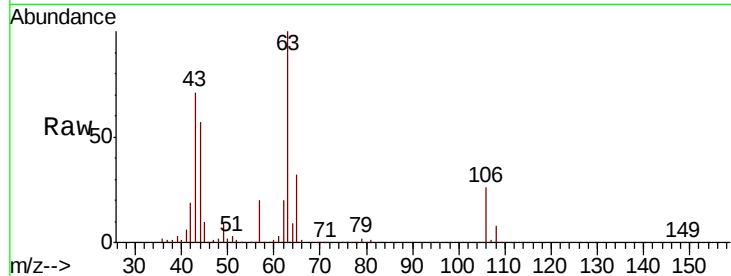
#55  
 2-Chloroethyl vinyl ether  
 Concen: 94.443 ug/l  
 RT: 9.66 min Scan# 2464  
 Delta R.T. 0.00 min  
 Lab File: VN064504.D  
 Acq: 9 Nov 2020 11:48

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 32.1  | 25.7  | 38.5  |
| 106     | 24.9  | 19.9  | 29.9  |

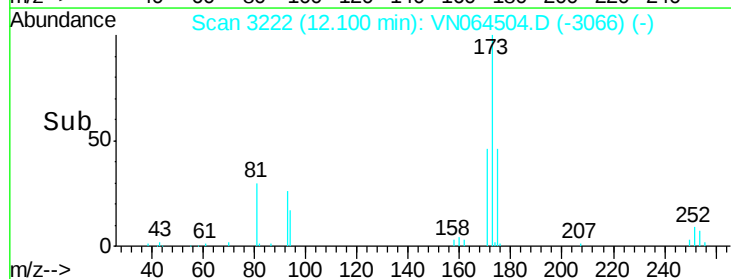
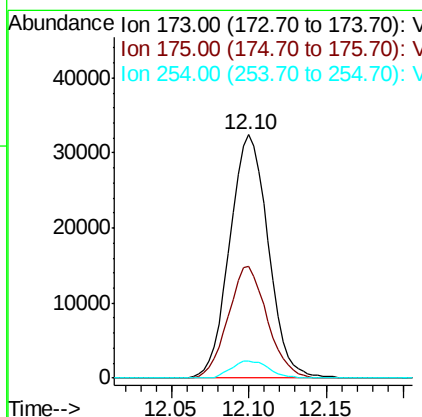
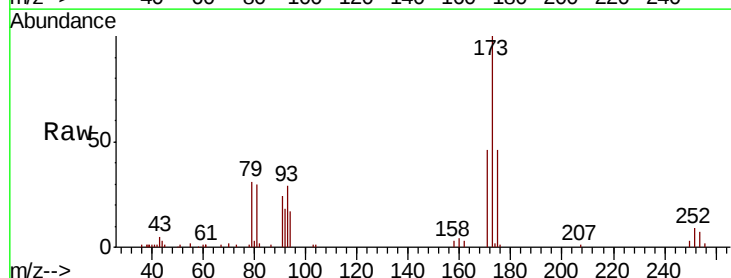
Manual Integrations  
 APPROVED

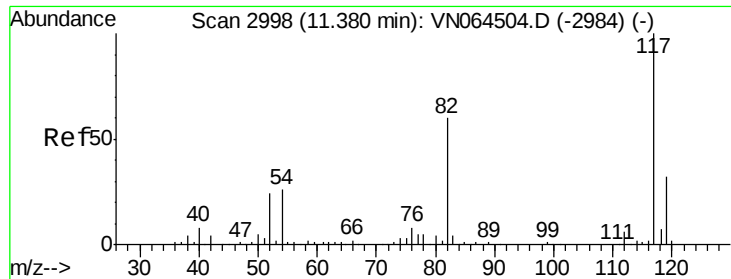
MMDadoda  
 11/10/2020 1:10:29 PM



#56  
 Bromoform  
 Concen: 16.916 ug/l  
 RT: 12.10 min Scan# 3222  
 Delta R.T. 0.00 min  
 Lab File: VN064504.D  
 Acq: 9 Nov 2020 11:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 46.4  | 37.1  | 55.7  |
| 254     | 6.8   | 5.4   | 8.2   |





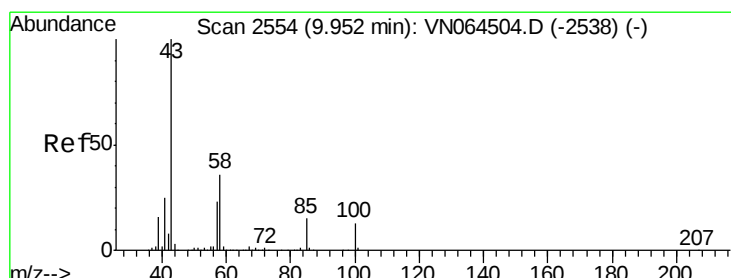
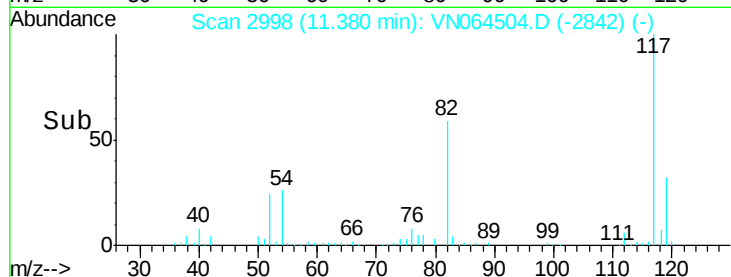
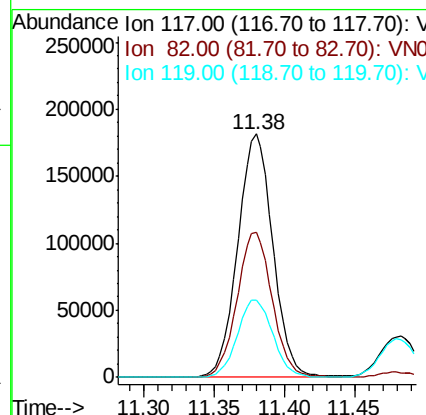
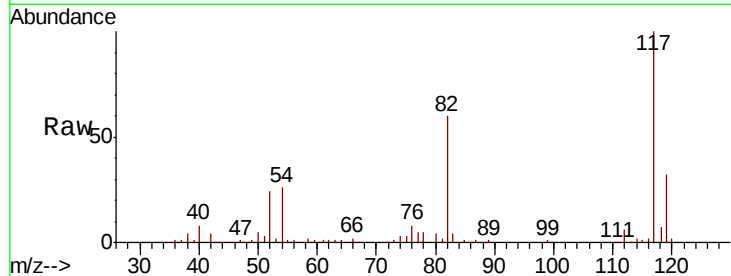
#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.38 min Scan# 2998  
Delta R.T. 0.00 min  
Lab File: VN064504.D  
Acq: 9 Nov 2020 11:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 59.8  | 47.8  | 71.8  |
| 119     | 32.1  | 25.7  | 38.5  |

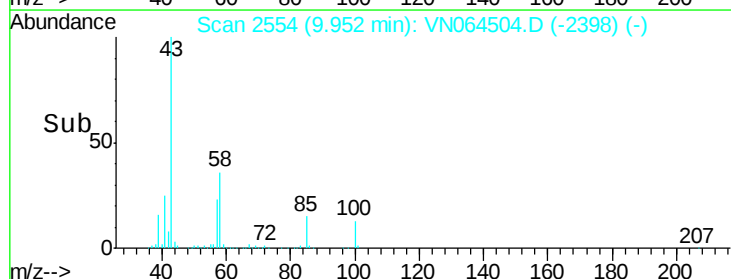
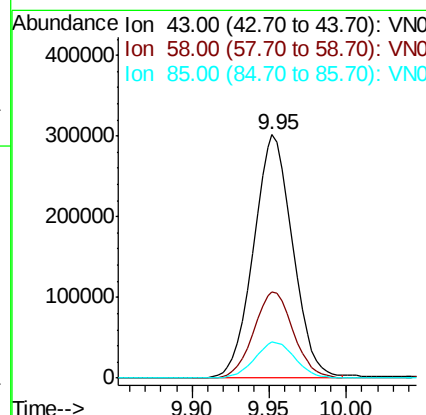
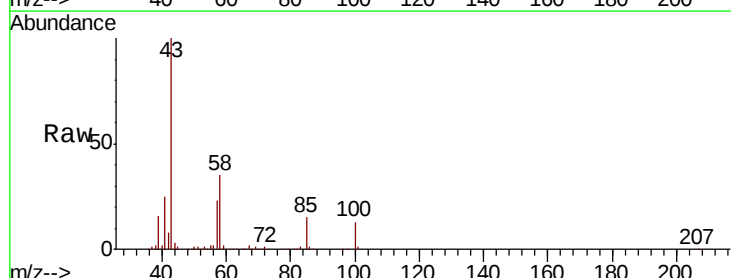
Manual Integrations  
APPROVED

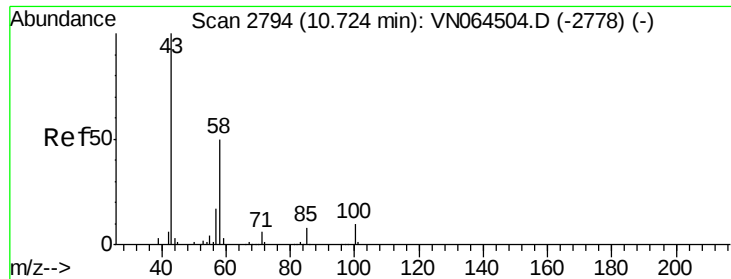
MMDadoda  
11/10/2020 1:10:29 PM



#58  
4-Methyl-2-Pentanone  
Concen: 103.234 ug/l  
RT: 9.95 min Scan# 2554  
Delta R.T. 0.00 min  
Lab File: VN064504.D  
Acq: 9 Nov 2020 11:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 36.0  | 28.8  | 43.2  |
| 85      | 15.4  | 12.3  | 18.5  |





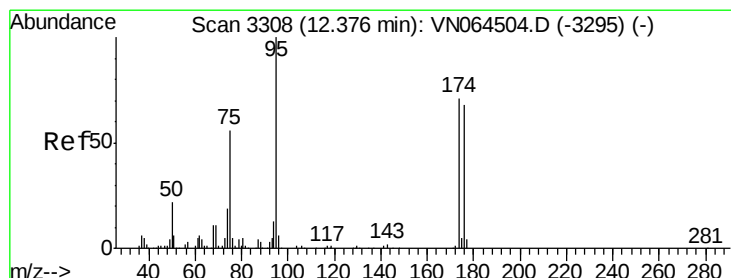
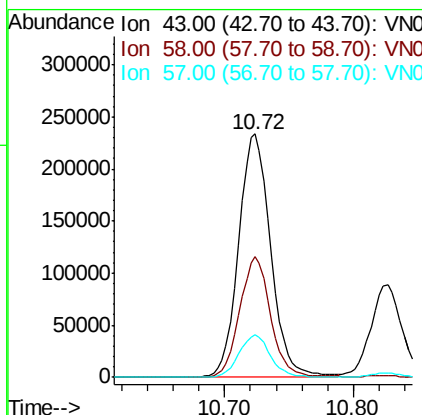
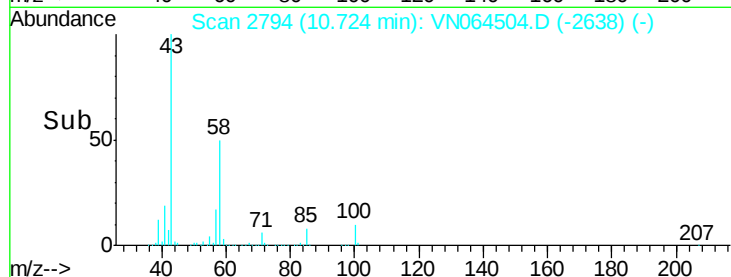
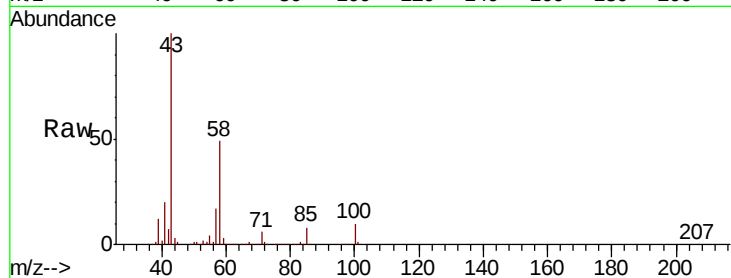
#59  
2-Hexanone  
Concen: 105.465 ug/l  
RT: 10.72 min Scan# 2794  
Delta R.T. 0.00 min  
Lab File: VN064504.D  
Acq: 9 Nov 2020 11:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 47.8  | 38.2  | 57.4  |
| 57      | 17.3  | 13.8  | 20.8  |

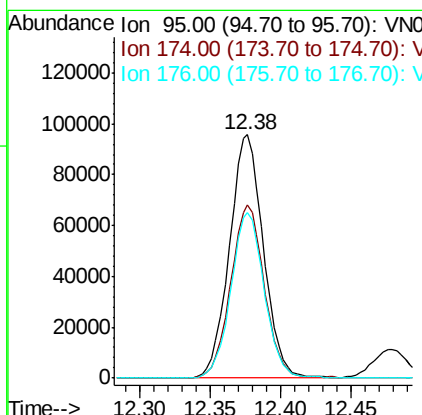
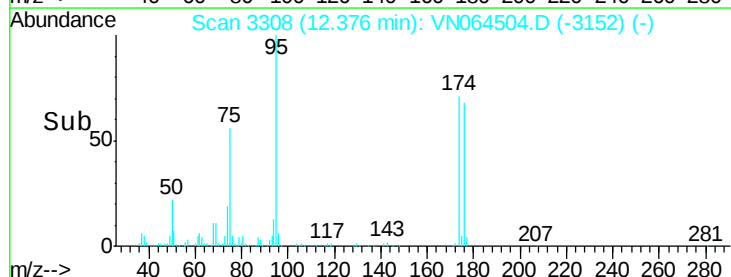
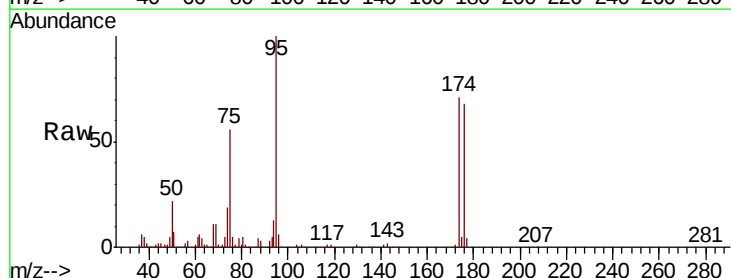
Manual Integrations  
APPROVED

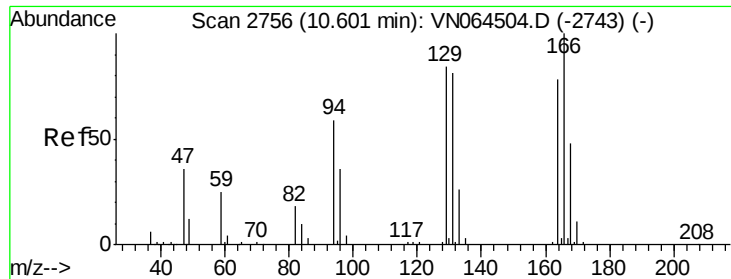
MMDadoda  
11/10/2020 1:10:29 PM



#60  
4-Bromofluorobenzene  
Concen: 29.894 ug/l  
RT: 12.38 min Scan# 3308  
Delta R.T. 0.00 min  
Lab File: VN064504.D  
Acq: 9 Nov 2020 11:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 70.5  | 56.4  | 84.6  |
| 176     | 66.6  | 53.3  | 79.9  |





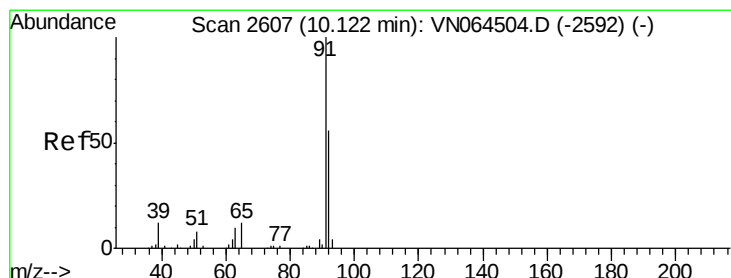
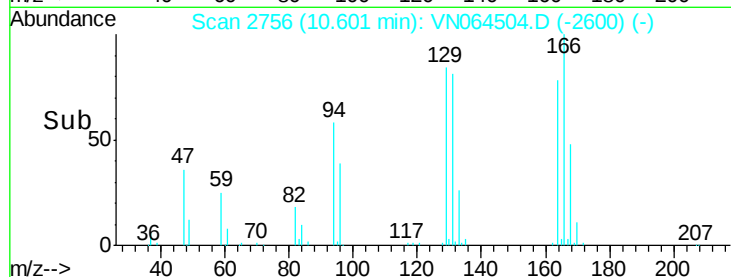
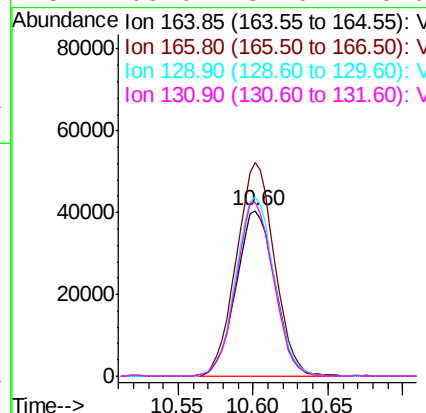
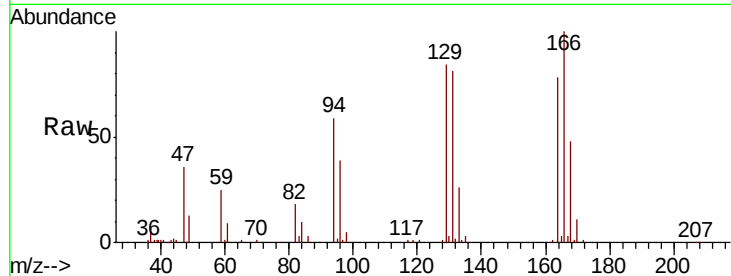
#61  
Tetrachloroethene  
Concen: 17.342 ug/l  
RT: 10.60 min Scan# 2756  
Delta R.T. 0.00 min  
Lab File: VN064504.D  
Acq: 9 Nov 2020 11:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 129.0 | 103.2 | 154.8 |
| 129     | 108.0 | 86.4  | 129.6 |
| 131     | 105.0 | 84.0  | 126.0 |

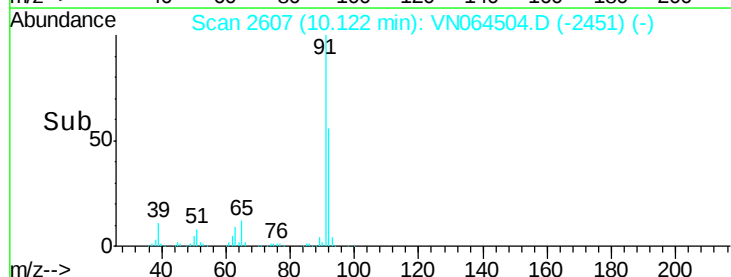
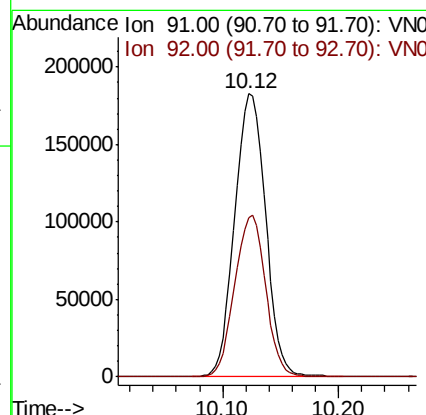
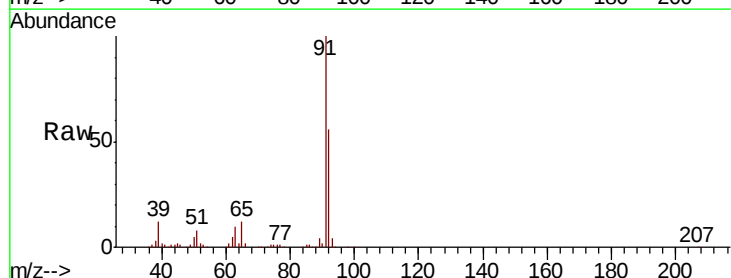
Manual Integrations  
APPROVED

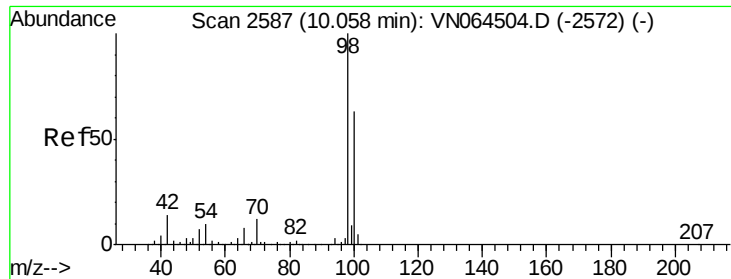
MMDadoda  
11/10/2020 1:10:29 PM



#62  
Toluene  
Concen: 18.942 ug/l  
RT: 10.12 min Scan# 2607  
Delta R.T. 0.00 min  
Lab File: VN064504.D  
Acq: 9 Nov 2020 11:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 56.8  | 45.4  | 68.2  |





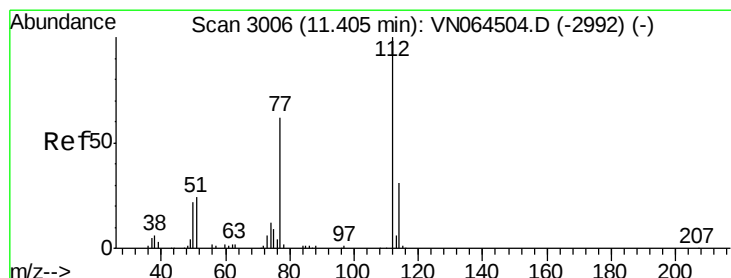
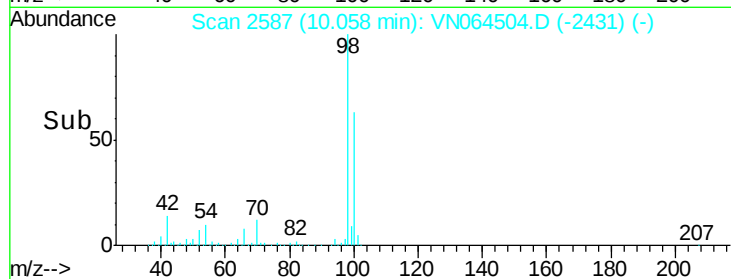
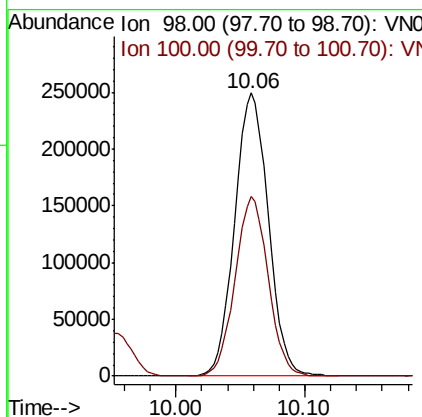
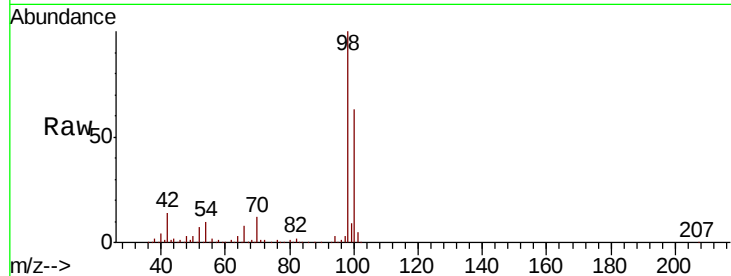
#63  
Toluene-d8  
Concen: 31.571 ug/l  
RT: 10.06 min Scan# 2587  
Delta R.T. 0.00 min  
Lab File: VN064504.D  
Acq: 9 Nov 2020 11:48

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDICCC020

Tot Ion: 98 Resp: 452779  
Ion Ratio Lower Upper  
98 100  
100 61.8 49.4 74.2

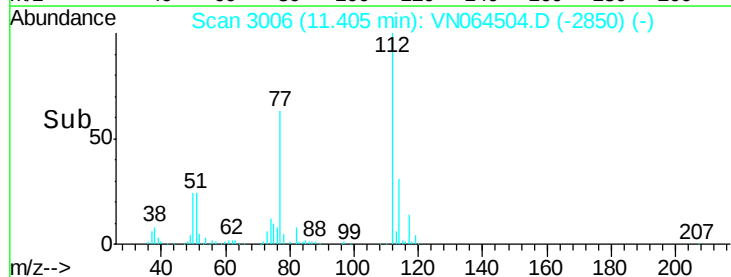
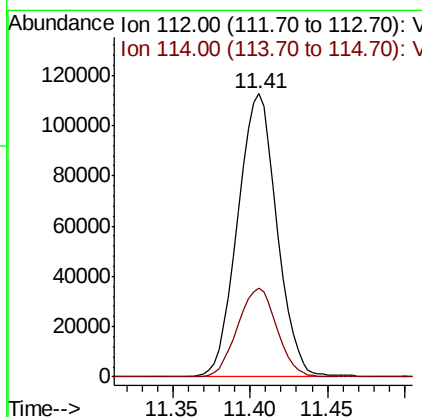
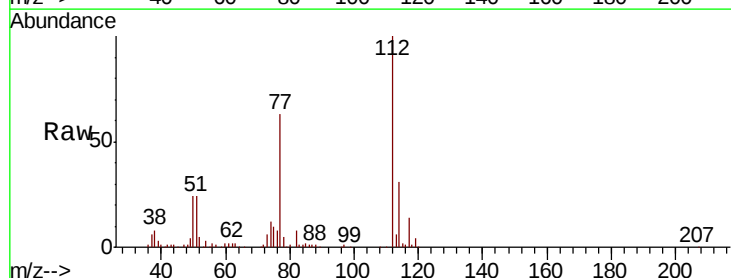
Manual Integrations  
APPROVED

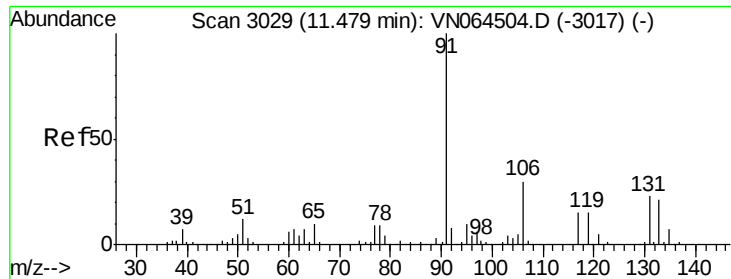
MMDadoda  
11/10/2020 1:10:29 PM



#64  
Chlorobenzene  
Concen: 18.000 ug/l  
RT: 11.41 min Scan# 3006  
Delta R.T. 0.00 min  
Lab File: VN064504.D  
Acq: 9 Nov 2020 11:48

Tgt Ion: 112 Resp: 199008  
Ion Ratio Lower Upper  
112 100  
114 31.3 25.0 37.6





#65

1,1,1,2-Tetrachloroethane

Concen: 18.328 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN064504.D

Acq: 9 Nov 2020 11:48

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC020

Tot Ion:131 Resp: 78559

Ion Ratio Lower Upper

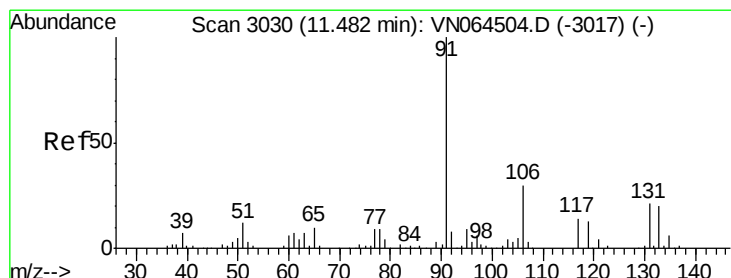
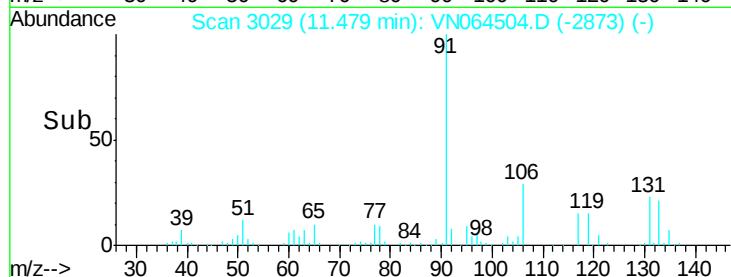
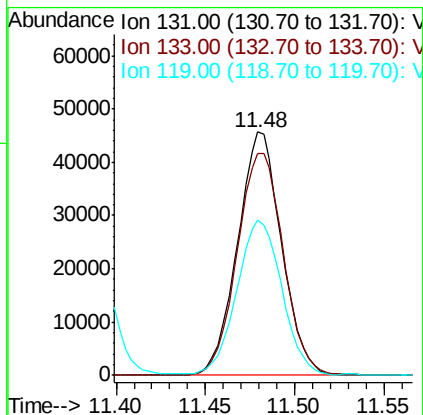
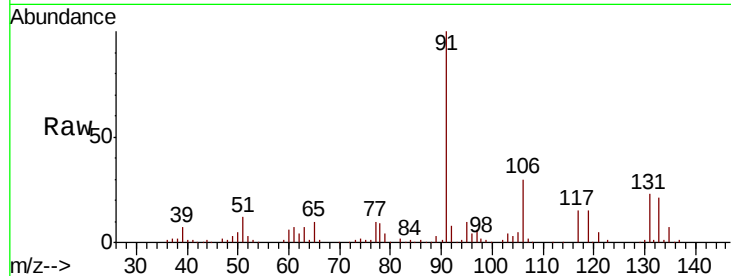
131 100

133 95.6 0.0 191.2

119 65.8 0.0 131.6

Manual Integrations  
APPROVED

MMDadoda  
11/10/2020 1:10:29 PM



#66

Ethyl Benzene

Concen: 17.980 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN064504.D

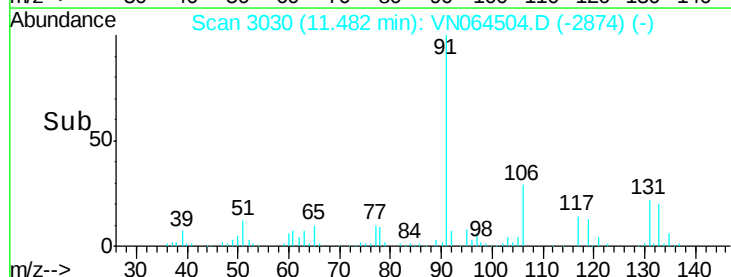
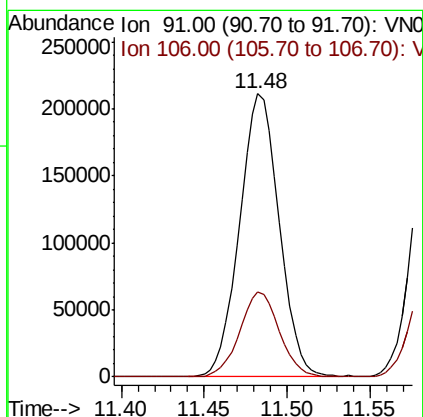
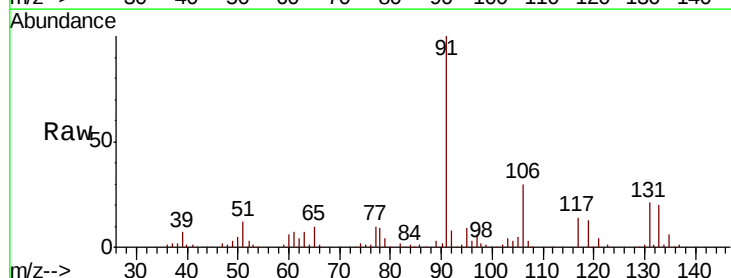
Acq: 9 Nov 2020 11:48

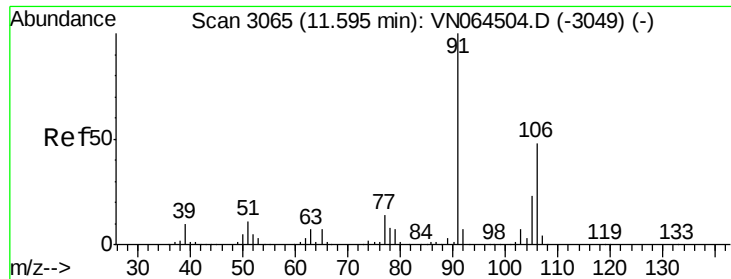
Tgt Ion: 91 Resp: 350364

Ion Ratio Lower Upper

91 100

106 29.9 23.9 35.9





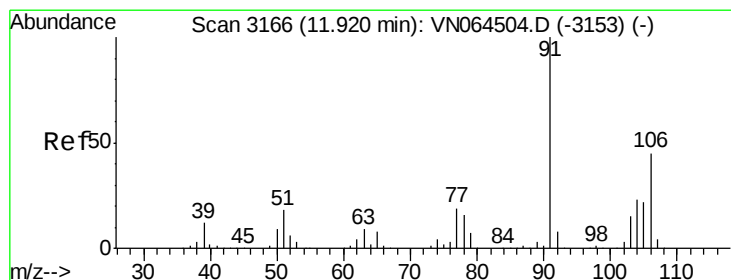
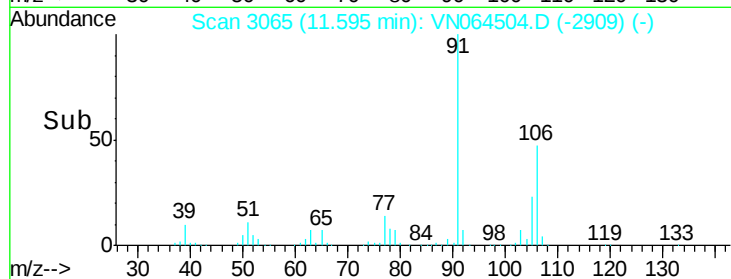
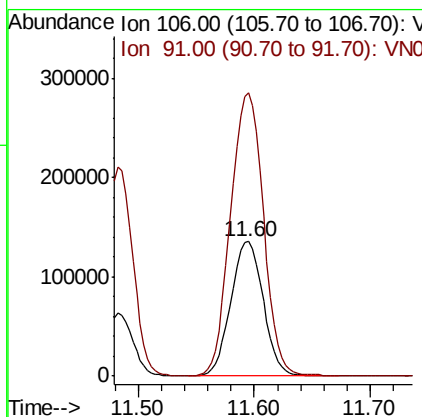
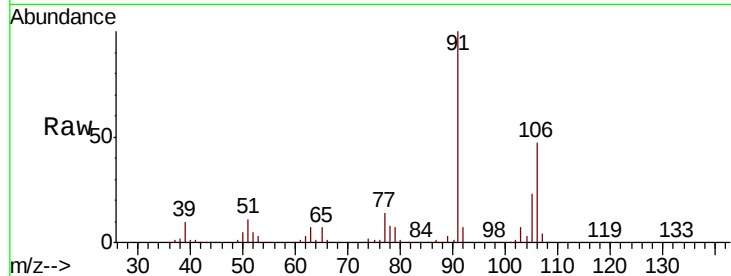
#67  
m/p-Xvlenes  
Concen: 35.944 ug/l  
RT: 11.60 min Scan# 3065  
Delta R.T. 0.00 min  
Lab File: VN064504.D  
Acq: 9 Nov 2020 11:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

Tot Ion:106 Resp: 263641  
Ion Ratio Lower Upper  
106 100  
91 211.0 168.8 253.2

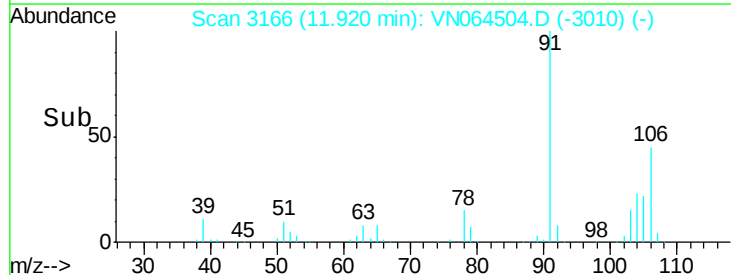
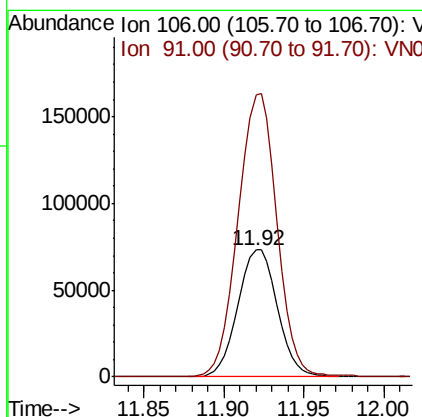
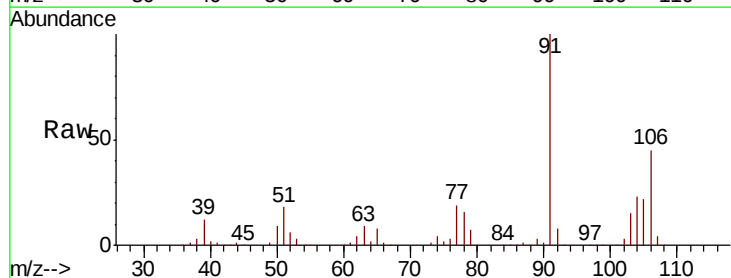
Manual Integrations  
APPROVED

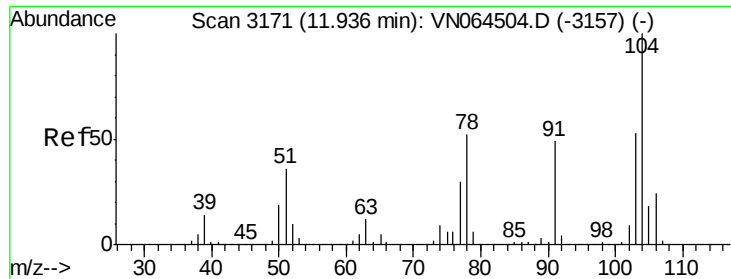
MMDadoda  
11/10/2020 1:10:29 PM



#68  
o-Xylene  
Concen: 17.559 ug/l  
RT: 11.92 min Scan# 3166  
Delta R.T. 0.00 min  
Lab File: VN064504.D  
Acq: 9 Nov 2020 11:48

Tgt Ion:106 Resp: 123506  
Ion Ratio Lower Upper  
106 100  
91 219.5 109.7 329.2





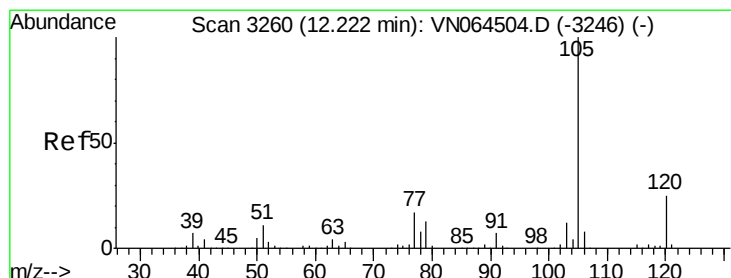
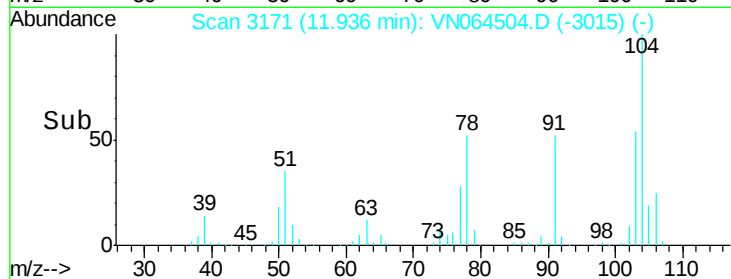
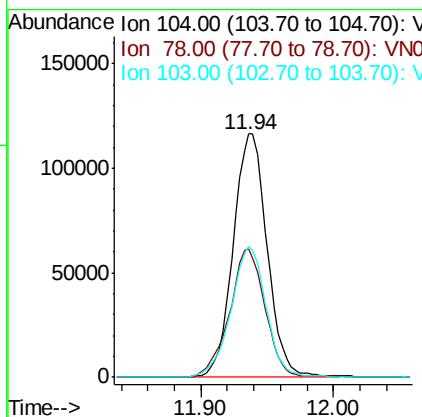
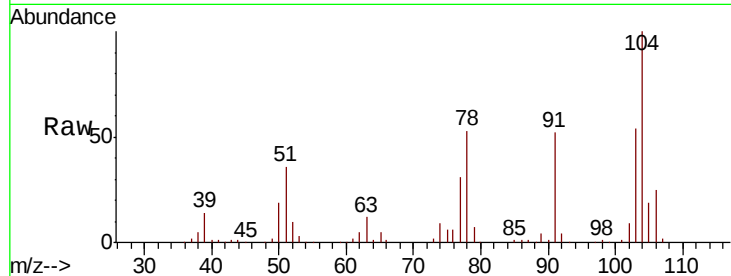
#69  
Stvrene  
Concen: 17.515 ug/l  
RT: 11.94 min Scan# 3171  
Delta R.T. 0.00 min  
Lab File: VN064504.D  
Acq: 9 Nov 2020 11:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 55.5  | 44.4  | 66.6  |
| 103     | 55.8  | 44.6  | 67.0  |

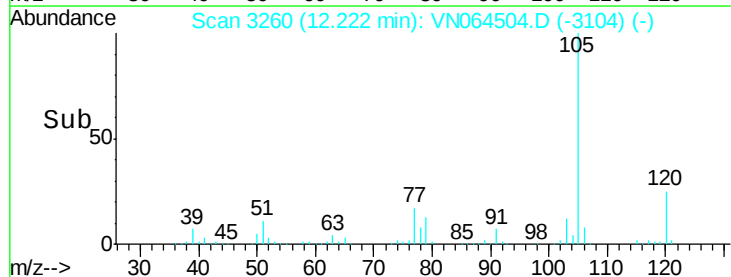
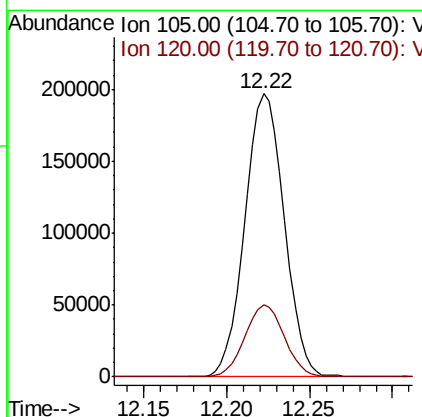
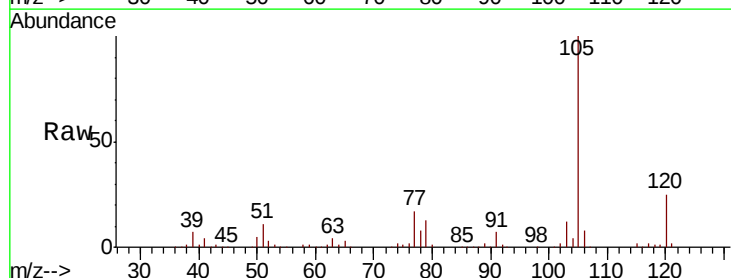
Manual Integrations  
APPROVED

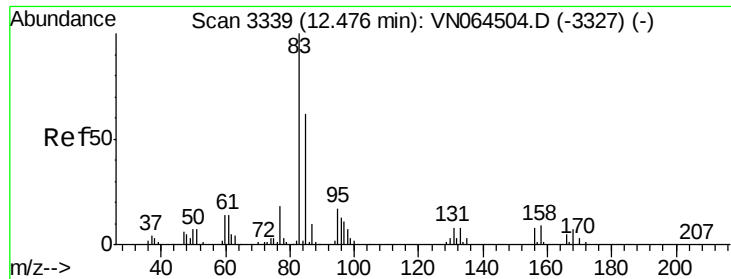
MMDadoda  
11/10/2020 1:10:29 PM



#70  
Isopropylbenzene  
Concen: 17.820 ug/l  
RT: 12.22 min Scan# 3260  
Delta R.T. 0.00 min  
Lab File: VN064504.D  
Acq: 9 Nov 2020 11:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 25.6  | 17.9  | 33.3  |





#71

1,1,2,2-Tetrachloroethane

Concen: 20.230 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VN064504.D

Acq: 9 Nov 2020 11:48

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC020

Tot Ion: 83 Resp: 105308  
Ion Ratio Lower Upper

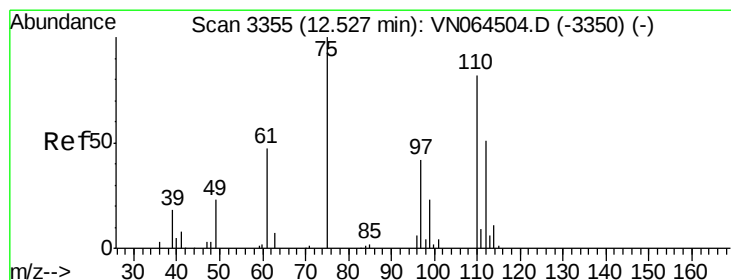
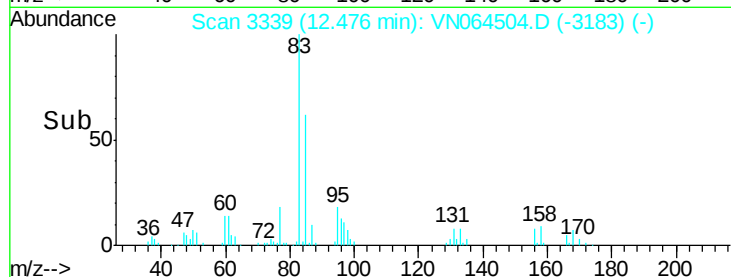
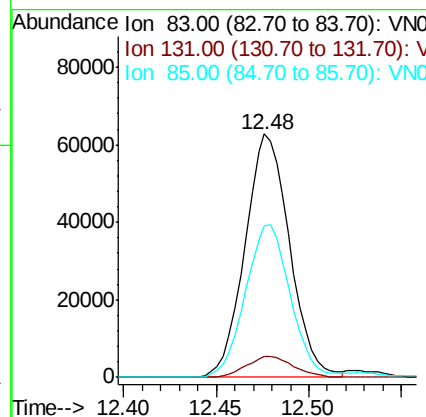
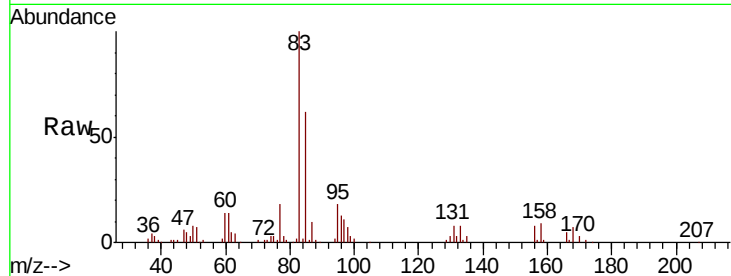
83 100

131 9.2 4.6 13.8

85 62.7 31.4 94.0

Manual Integrations  
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MMDadoda  
11/10/2020 1:10:29 PM



#72

1,2,3-Trichloropropane

Concen: 18.590 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

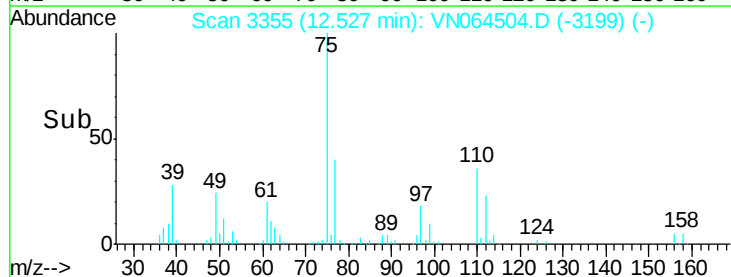
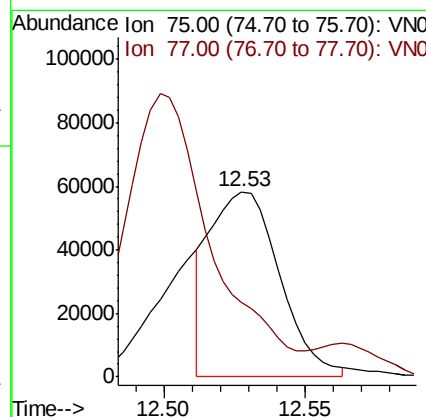
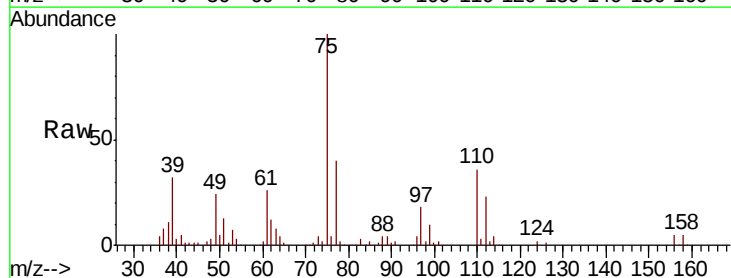
Lab File: VN064504.D

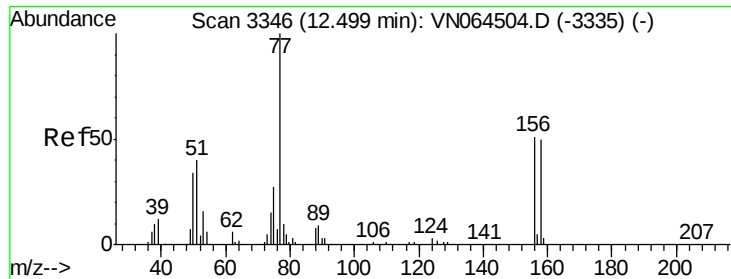
Acq: 9 Nov 2020 11:48

Tgt Ion: 75 Resp: 99711  
Ion Ratio Lower Upper

75 100

77 189.7 0.0 379.4





#73

Bromobenzene

Concen: 16.872 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064504.D

Acq: 9 Nov 2020 11:48

Instrument :

MSVOA\_N

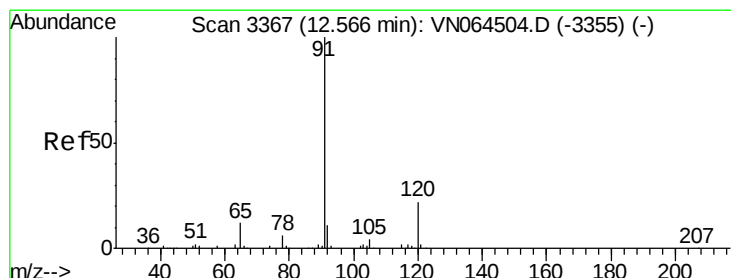
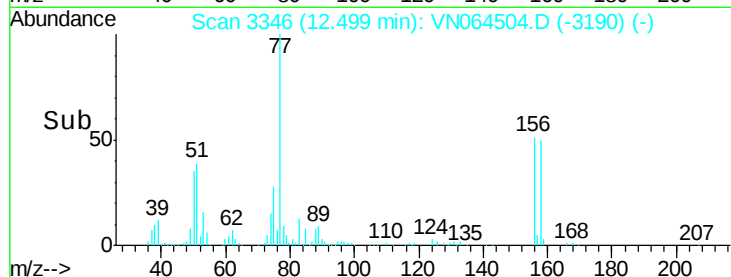
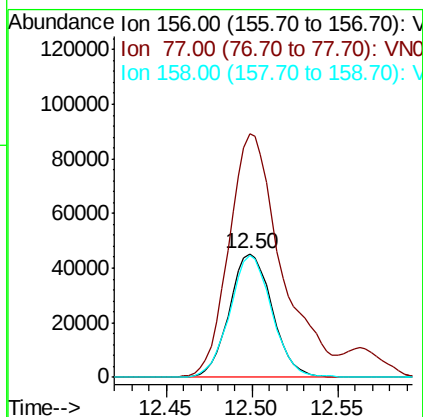
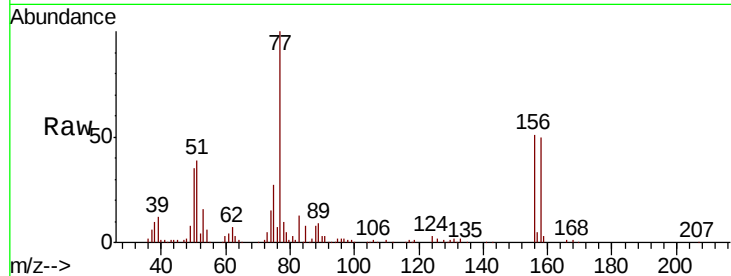
ClientSampleId :

VSTDICCC020

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 156   | Resp: | 78792 |
| Ion      | Ratio | Lower | Upper |
| 156      | 100   |       |       |
| 77       | 240.1 | 0.0   | 480.2 |
| 158      | 97.0  | 0.0   | 194.0 |

Manual Integrations  
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11/10/2020 1:10:29 PM



#74

n-propylbenzene

Concen: 18.703 ug/l

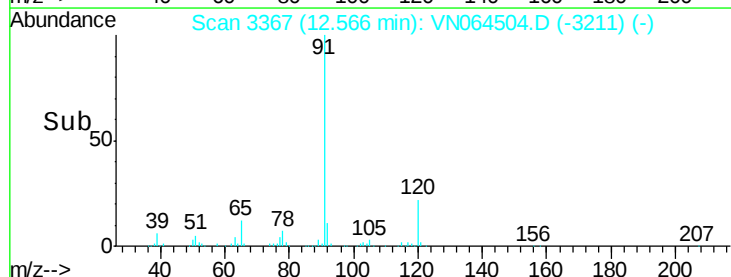
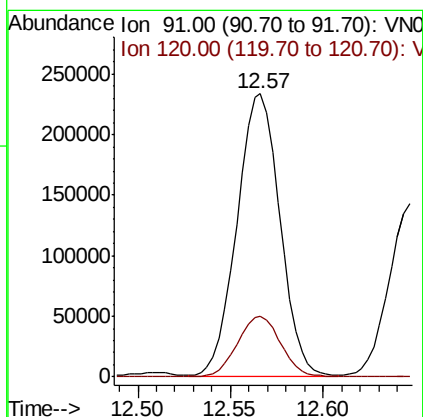
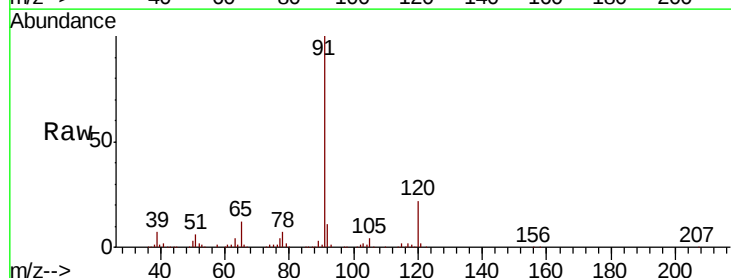
RT: 12.57 min Scan# 3367

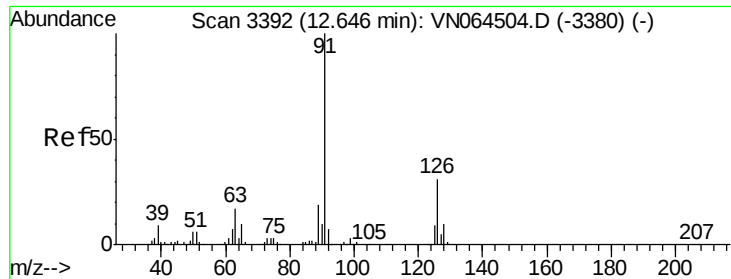
Delta R.T. 0.00 min

Lab File: VN064504.D

Acq: 9 Nov 2020 11:48

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 378740 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 120      | 21.4  | 0.0   | 42.8   |





#75

2-Chlorotoluene

Concen: 19.015 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN064504.D

Acq: 9 Nov 2020 11:48

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC020

Tot Ion: 91 Resp: 243548

Ion Ratio Lower Upper

91 100

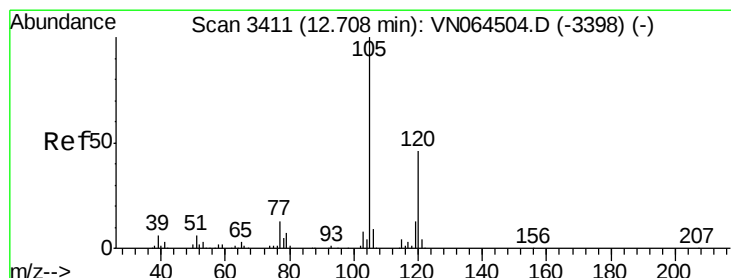
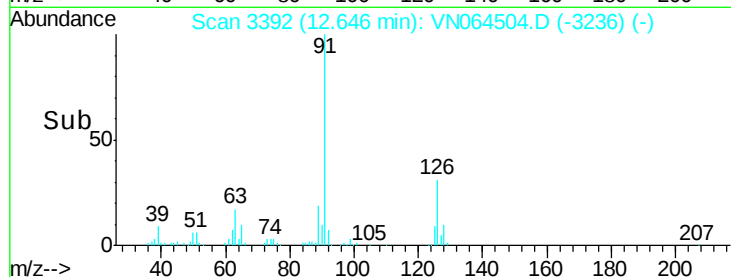
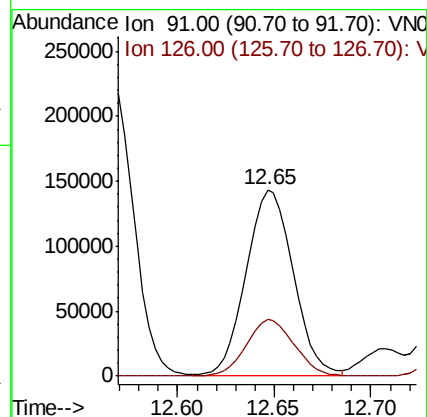
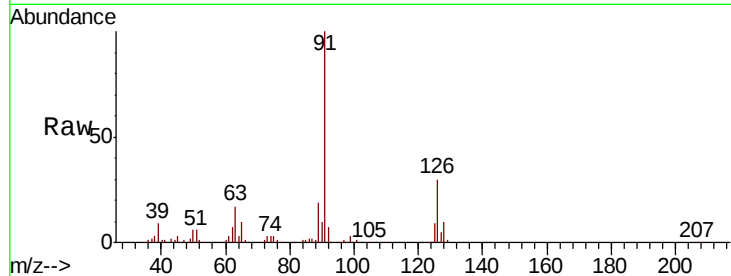
126 30.9 0.0 61.8

Manual Integrations

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#76

1,3,5-Trimethylbenzene

Concen: 18.252 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064504.D

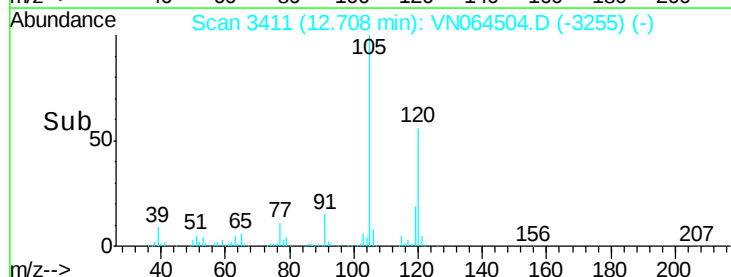
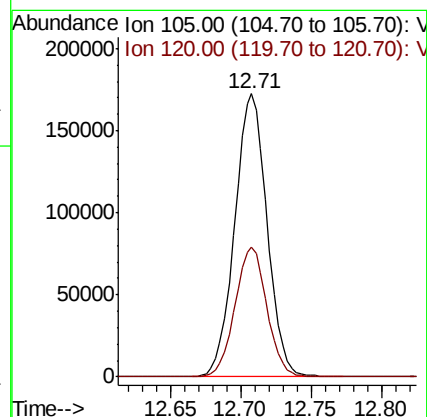
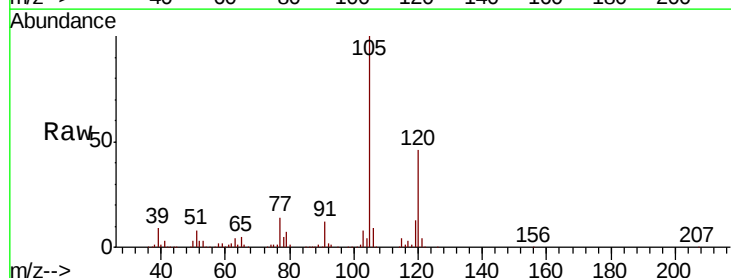
Acq: 9 Nov 2020 11:48

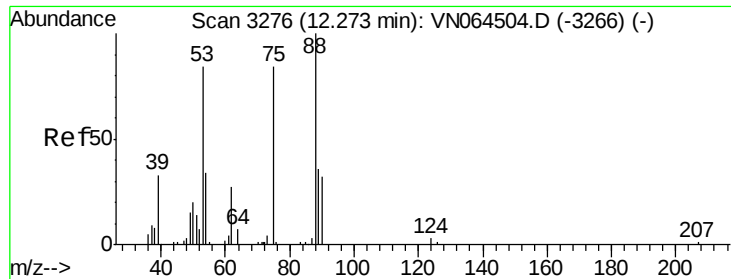
Tgt Ion: 105 Resp: 276611

Ion Ratio Lower Upper

105 100

120 45.2 0.0 90.4





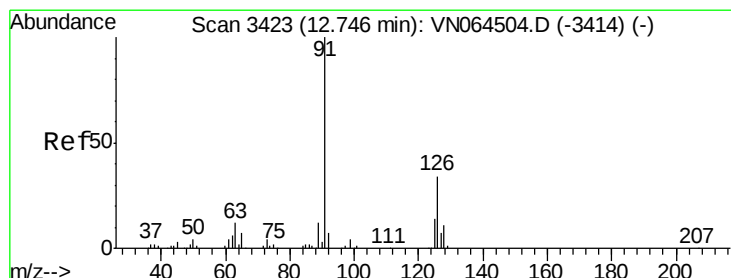
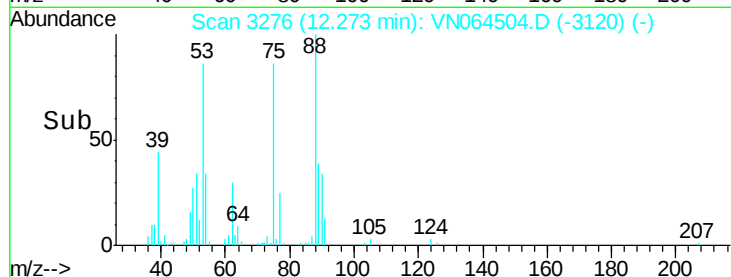
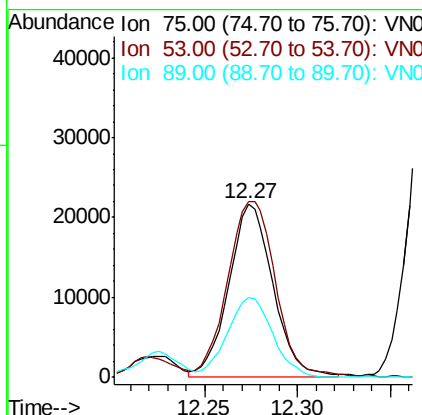
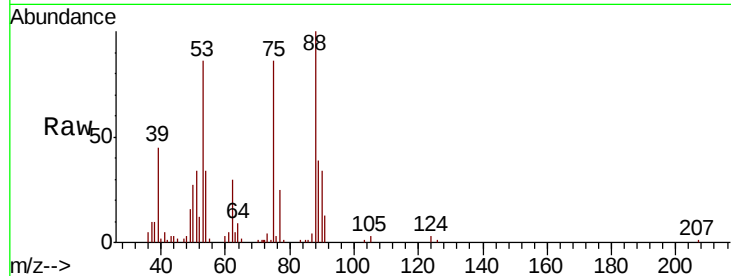
#77  
t-1,4-Dichloro-2-butene  
Concen: 18.910 ug/l  
RT: 12.27 min Scan# 3276  
Delta R.T. 0.00 min  
Lab File: VN064504.D  
Acq: 9 Nov 2020 11:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 100.6 | 50.3  | 150.9 |
| 89      | 46.5  | 23.3  | 69.8  |

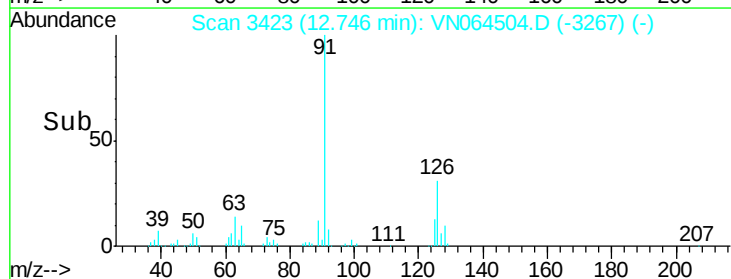
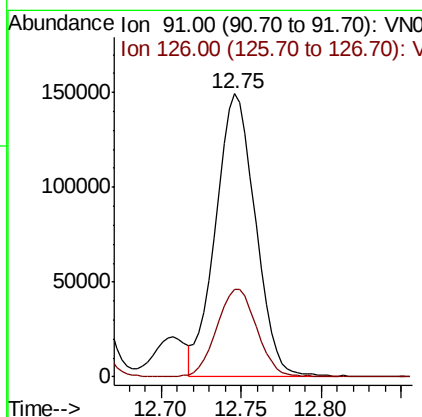
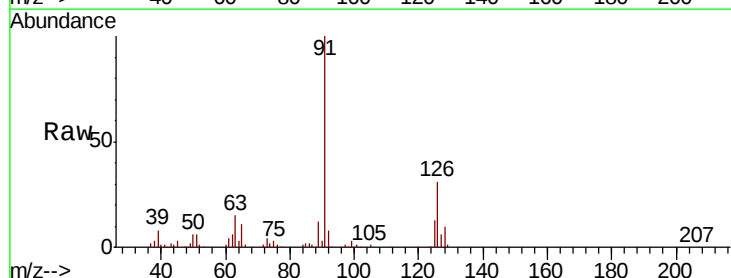
Manual Integrations  
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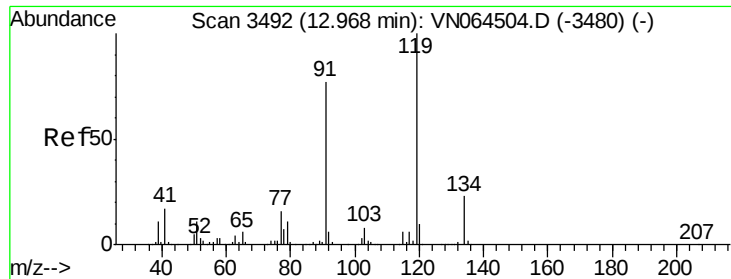
MMDadoda  
11/10/2020 1:10:29 PM



#78  
4-Chlorotoluene  
Concen: 19.031 ug/l  
RT: 12.75 min Scan# 3423  
Delta R.T. 0.00 min  
Lab File: VN064504.D  
Acq: 9 Nov 2020 11:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 30.9  | 0.0   | 61.8  |





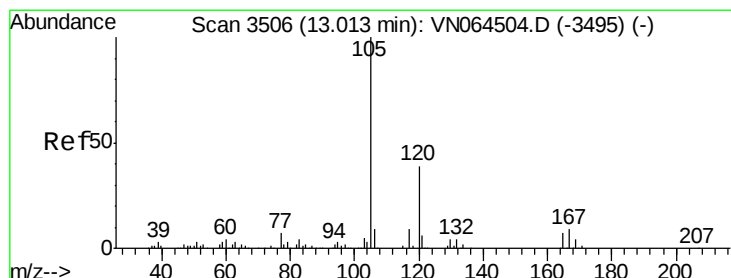
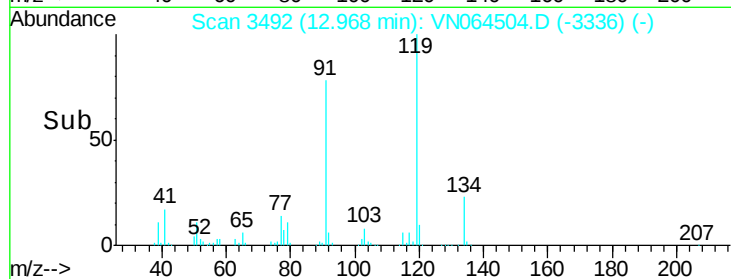
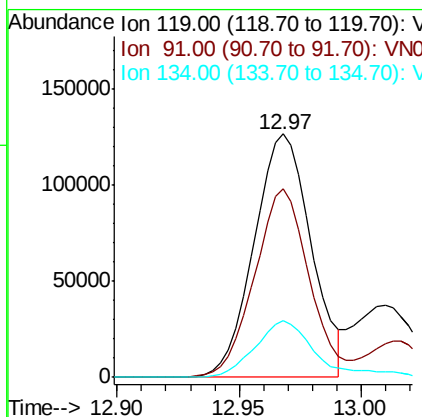
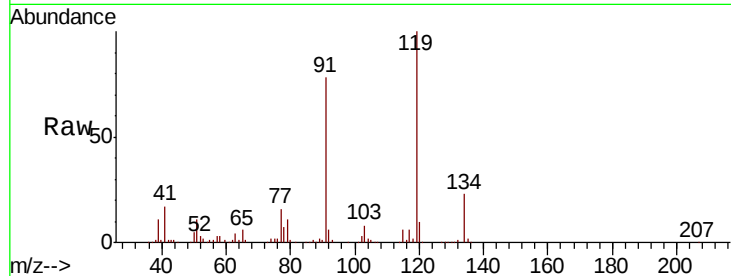
#79  
tert-butylbenzene  
Concen: 17.287 ug/l  
RT: 12.97 min Scan# 3492  
Delta R.T. 0.00 min  
Lab File: VN064504.D  
Acq: 9 Nov 2020 11:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 205946 |       |       |
| 91      | 73.9  | 0.0    | 147.8 |       |
| 134     | 25.3  | 0.0    | 50.6  |       |

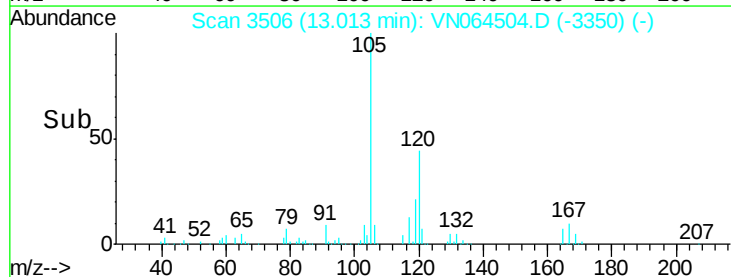
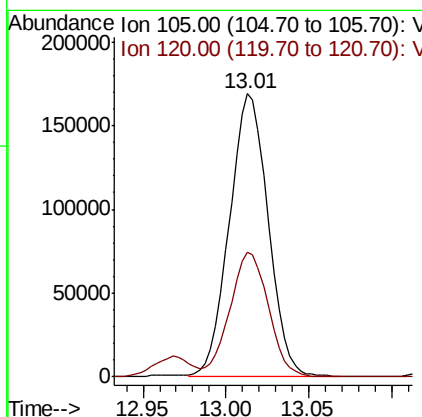
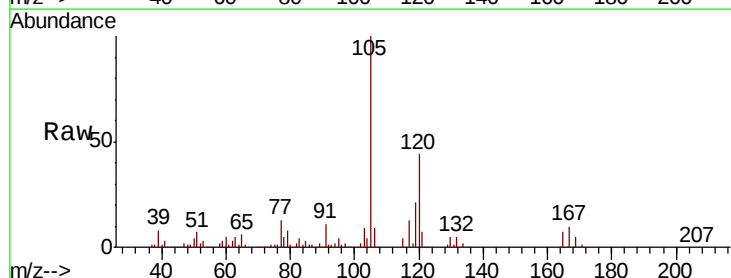
Manual Integrations  
APPROVED

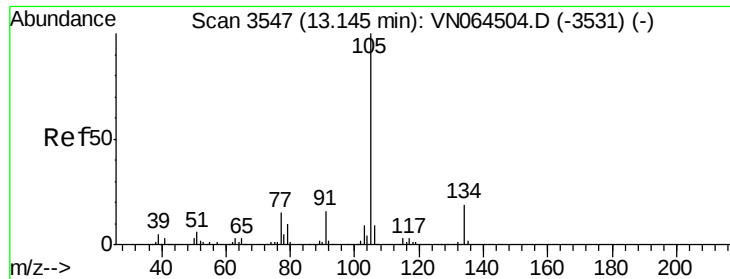
MMDadoda  
11/10/2020 1:10:29 PM



#80  
1,2,4-Trimethylbenzene  
Concen: 17.906 ug/l  
RT: 13.01 min Scan# 3506  
Delta R.T. 0.00 min  
Lab File: VN064504.D  
Acq: 9 Nov 2020 11:48

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 273277 |       |       |
| 120     | 44.3  | 0.0    | 88.6  |       |





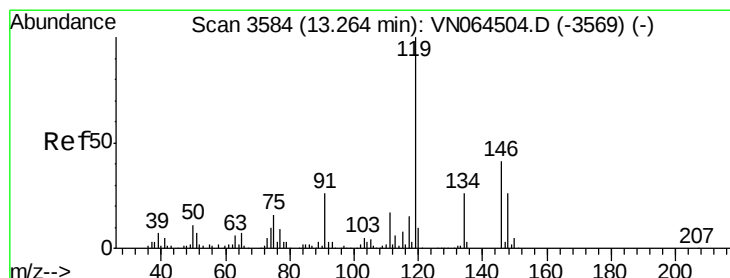
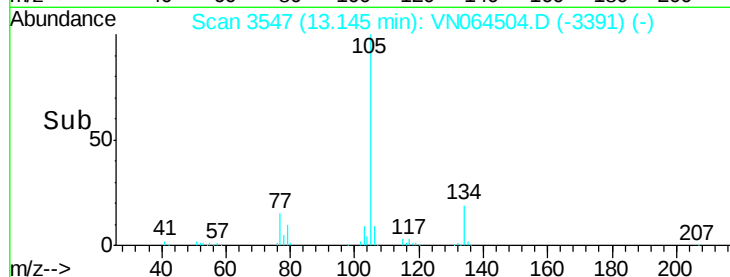
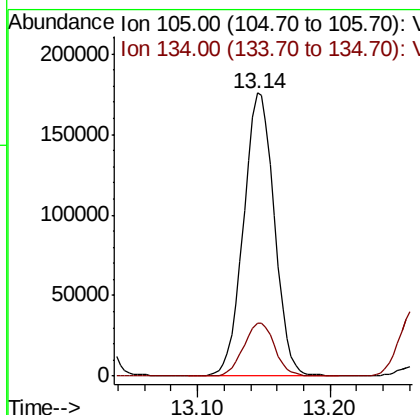
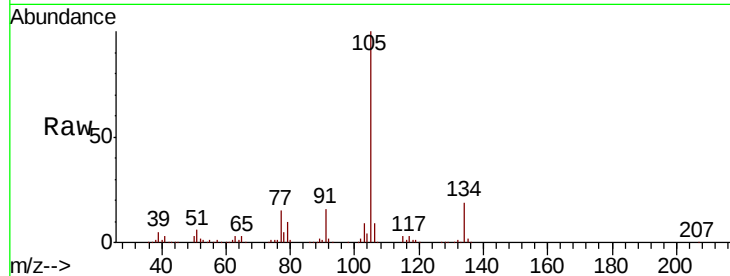
#81  
 sec-Butylbenzene  
 Concen: 18.538 ug/l  
 RT: 13.14 min Scan# 3547  
 Delta R.T. 0.00 min  
 Lab File: VN064504.D  
 Acq: 9 Nov 2020 11:48

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 134     | 18.9  | 0.0   | 37.8  |

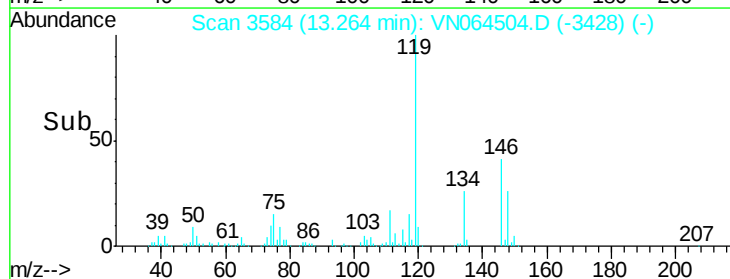
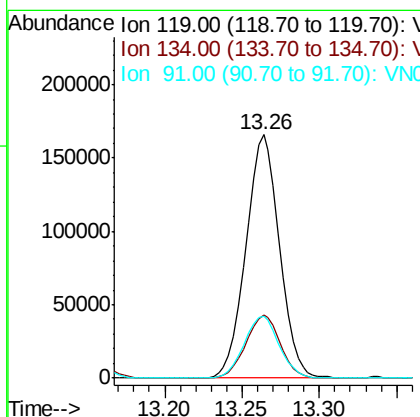
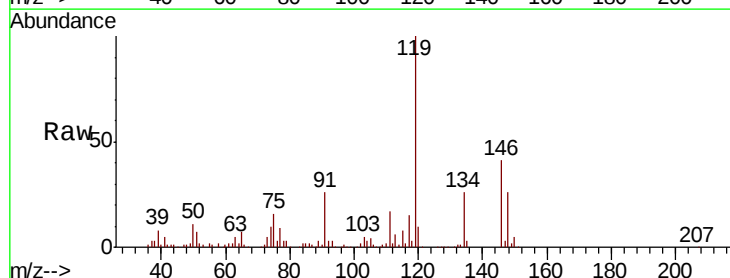
Manual Integrations  
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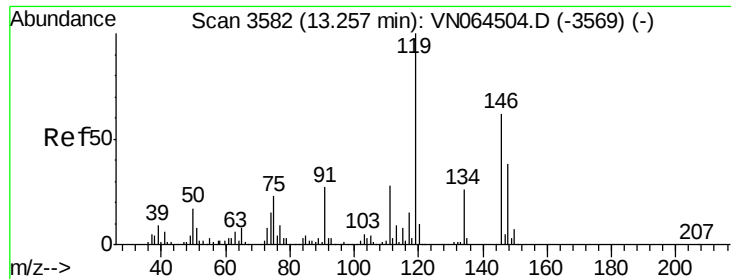
MMDadoda  
 11/10/2020 1:10:29 PM



#82  
 p-Isopropyltoluene  
 Concen: 17.868 ug/l  
 RT: 13.26 min Scan# 3584  
 Delta R.T. 0.00 min  
 Lab File: VN064504.D  
 Acq: 9 Nov 2020 11:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 26.5  | 0.0   | 53.0  |
| 91      | 26.6  | 0.0   | 53.2  |





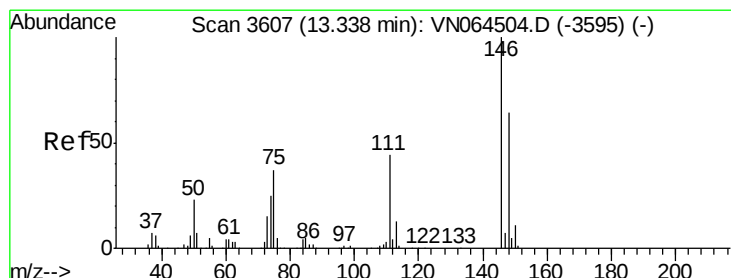
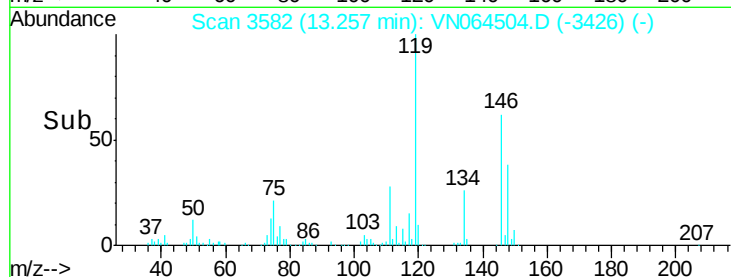
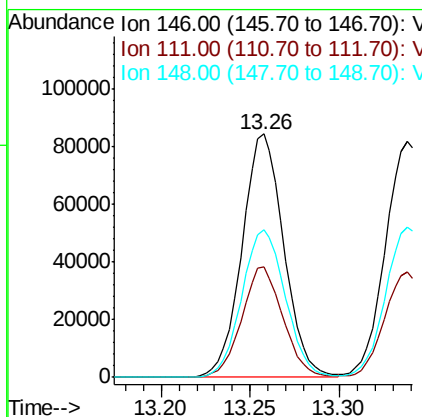
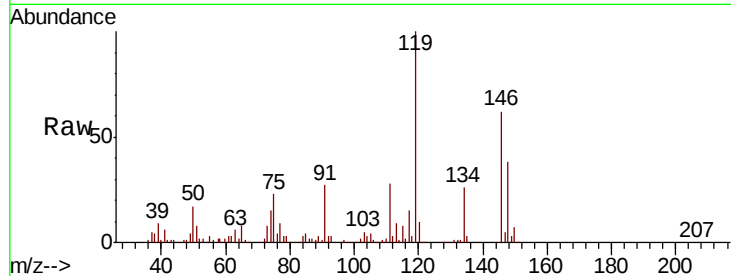
#83  
 1,3-Dichlorobenzene  
 Concen: 17.145 ug/l  
 RT: 13.26 min Scan# 3582  
 Delta R.T. 0.00 min  
 Lab File: VN064504.D  
 Acq: 9 Nov 2020 11:48

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 44.6  | 22.3  | 66.9  |
| 148     | 63.5  | 31.8  | 95.3  |

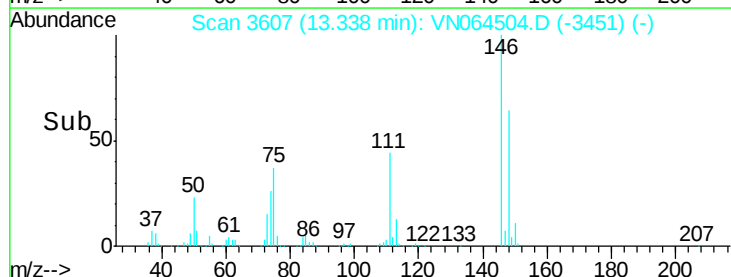
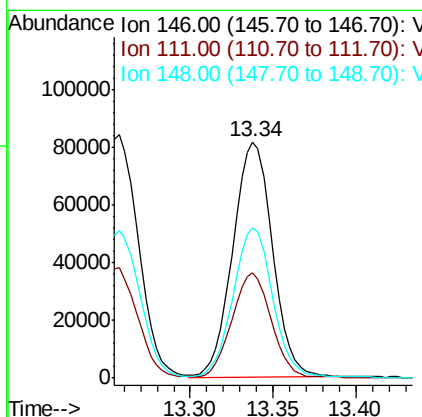
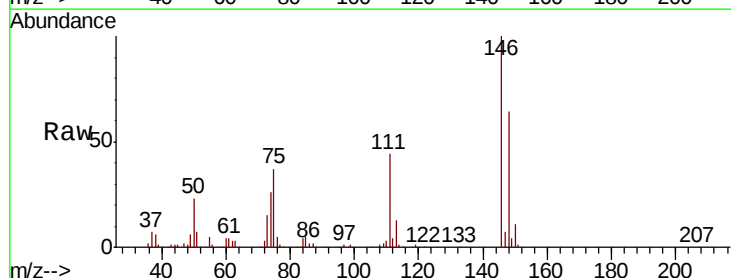
Manual Integrations  
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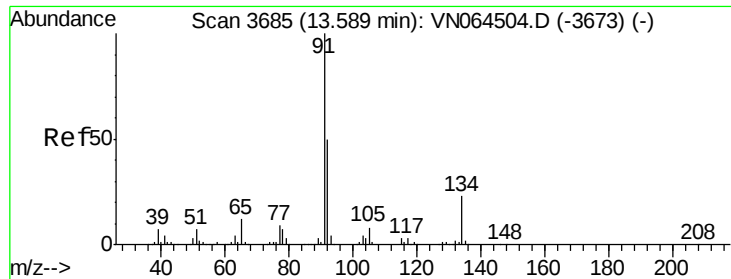
MMDadoda  
 11/10/2020 1:10:29 PM



#84  
 1,4-Dichlorobenzene  
 Concen: 16.824 ug/l  
 RT: 13.34 min Scan# 3607  
 Delta R.T. 0.00 min  
 Lab File: VN064504.D  
 Acq: 9 Nov 2020 11:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.6  | 21.8  | 65.4  |
| 148     | 63.0  | 31.5  | 94.5  |





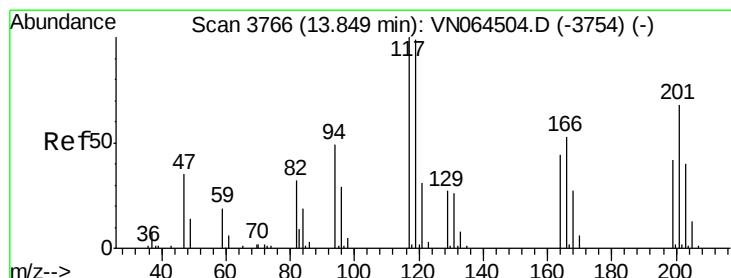
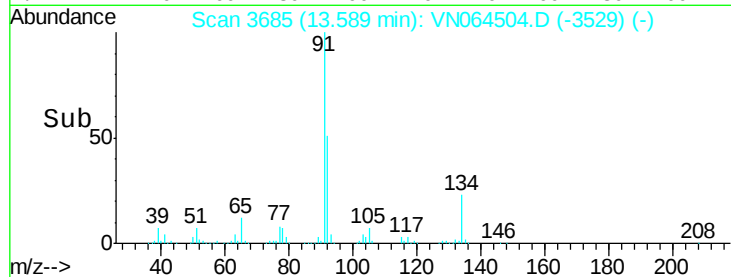
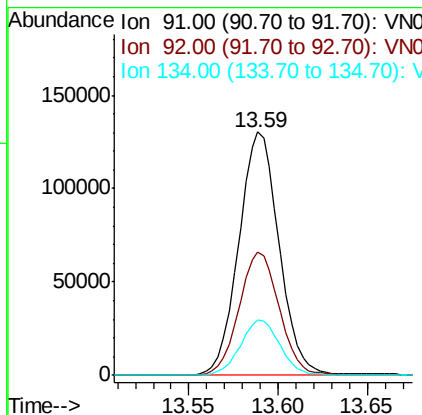
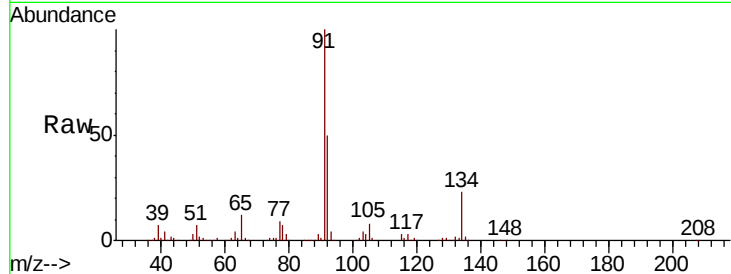
#85  
n-Butylbenzene  
Concen: 18.329 ug/l  
RT: 13.59 min Scan# 3685  
Delta R.T. 0.00 min  
Lab File: VN064504.D  
Acq: 9 Nov 2020 11:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 91      | 100   | 205775 |       |       |
| 92      | 50.7  |        | 0.0   | 101.4 |
| 134     | 22.6  |        | 0.0   | 45.2  |

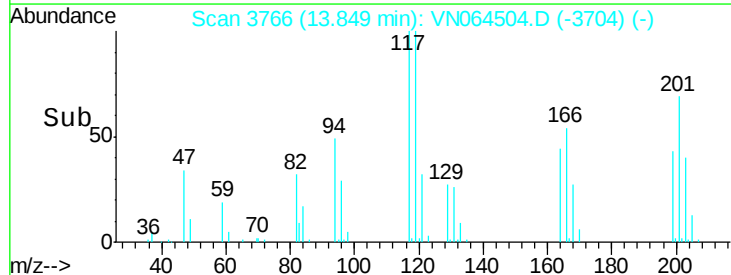
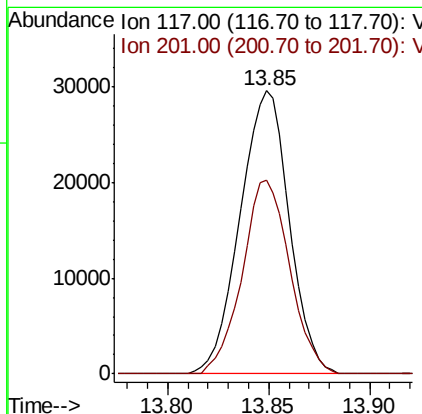
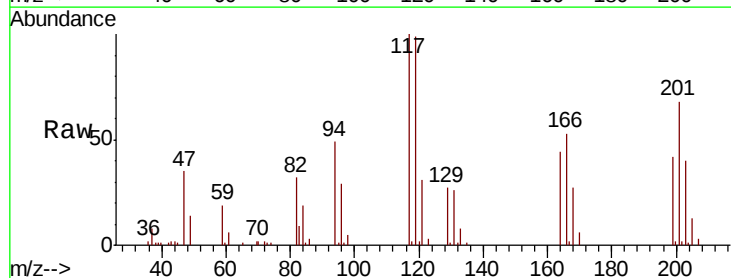
Manual Integrations  
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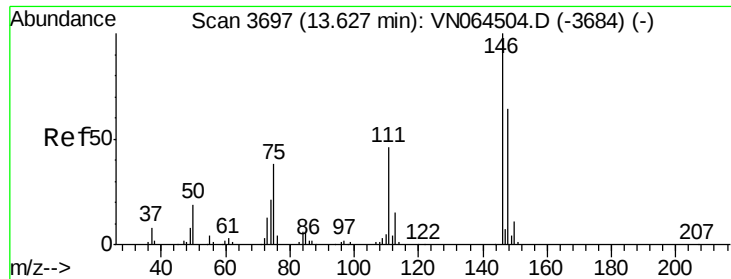
MMDadoda  
11/10/2020 1:10:29 PM



#86  
Hexachloroethane  
Concen: 18.847 ug/l  
RT: 13.85 min Scan# 3766  
Delta R.T. 0.00 min  
Lab File: VN064504.D  
Acq: 9 Nov 2020 11:48

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 50370 |       |       |
| 201     | 66.2  |       | 33.1  | 99.3  |





#87

1,2-Dichlorobenzene

Concen: 17.384 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN064504.D

Acq: 9 Nov 2020 11:48

Instrument :

MSVOA\_N

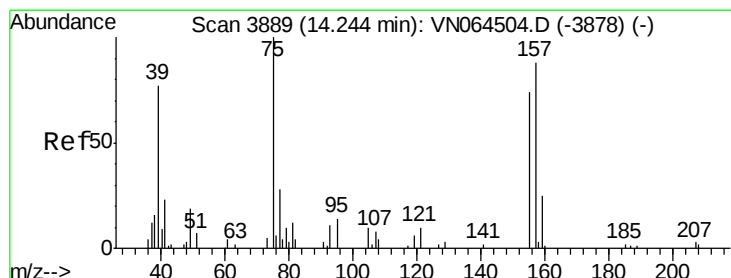
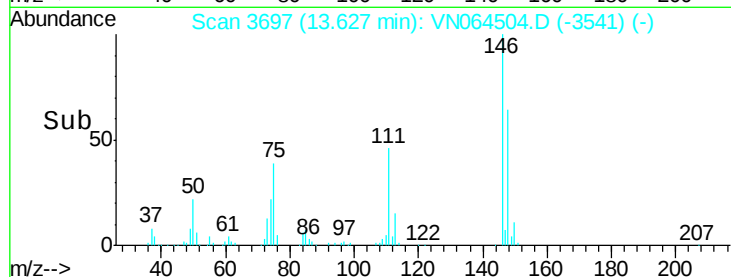
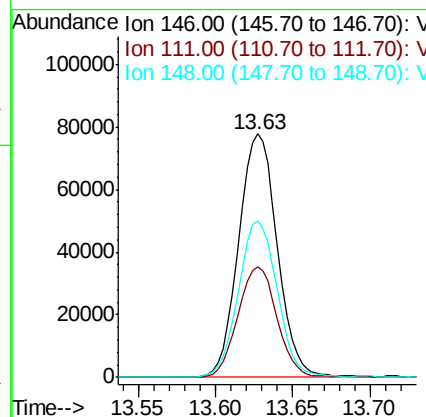
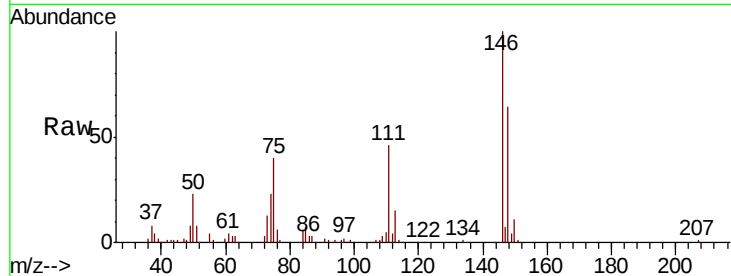
ClientSampleId :

VSTDICCC020

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 134110 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 46.1  | 23.1  | 69.2   |
| 148       | 65.2  | 32.6  | 97.8   |

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#88

1,2-Dibromo-3-Chloropropane

Concen: 19.507 ug/l

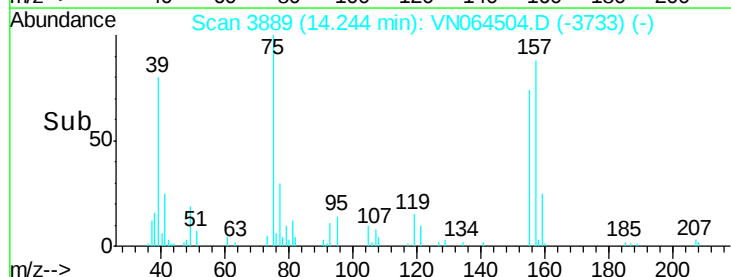
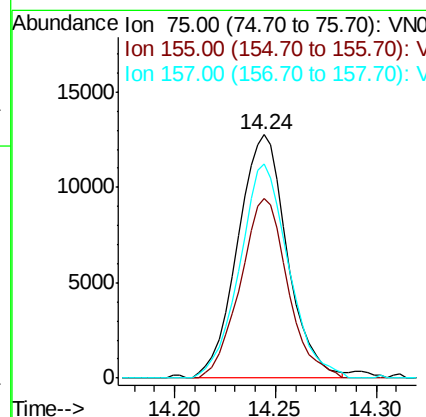
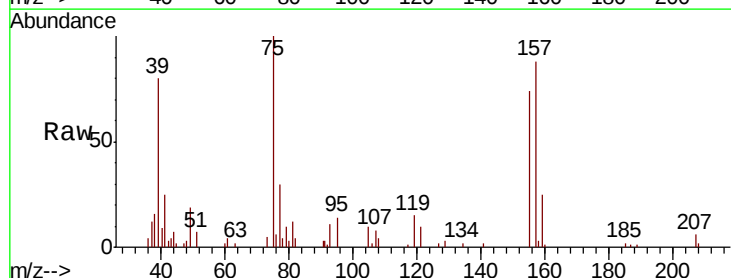
RT: 14.24 min Scan# 3889

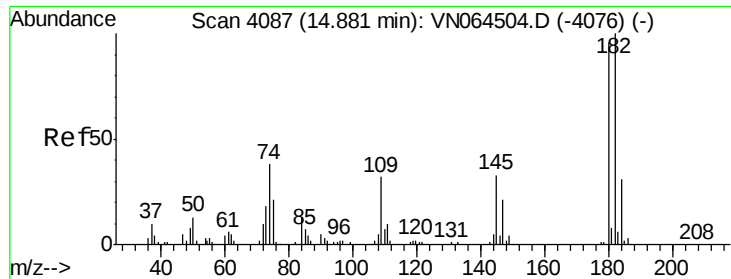
Delta R.T. 0.00 min

Lab File: VN064504.D

Acq: 9 Nov 2020 11:48

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 21908 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 70.6  | 56.5  | 84.7  |
| 157       | 87.1  | 69.7  | 104.5 |





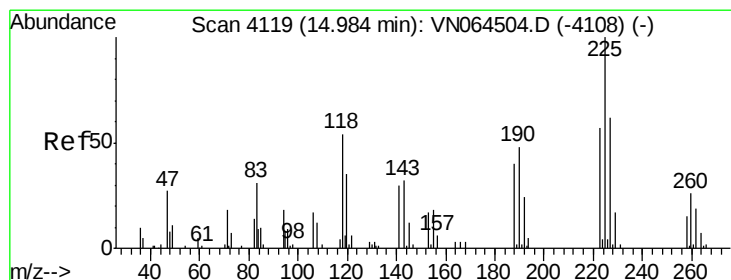
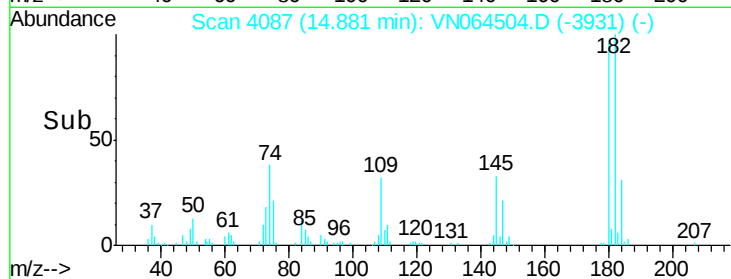
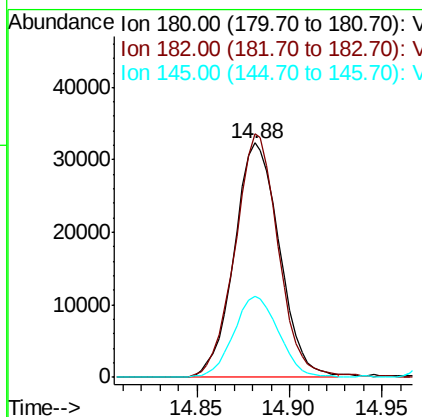
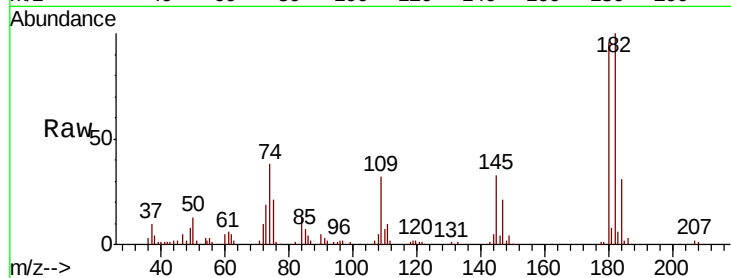
#89  
1,2,4-Trichlorobenzene  
Concen: 14.795 ug/l  
RT: 14.88 min Scan# 4087  
Delta R.T. 0.00 min  
Lab File: VN064504.D  
Acq: 9 Nov 2020 11:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 99.2  | 79.4  | 119.0 |
| 145     | 34.5  | 27.6  | 41.4  |

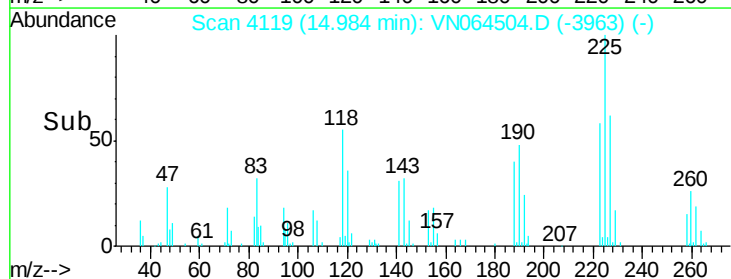
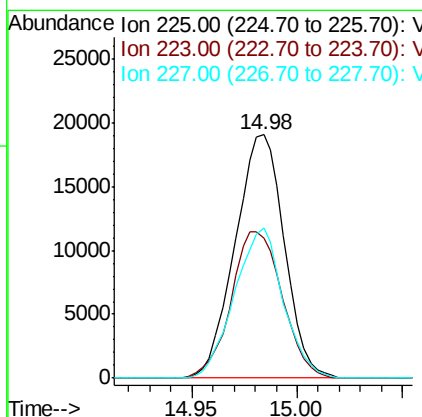
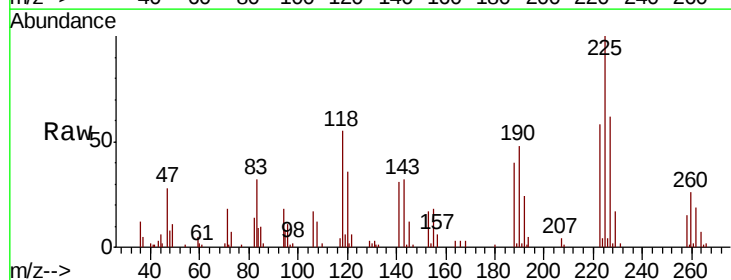
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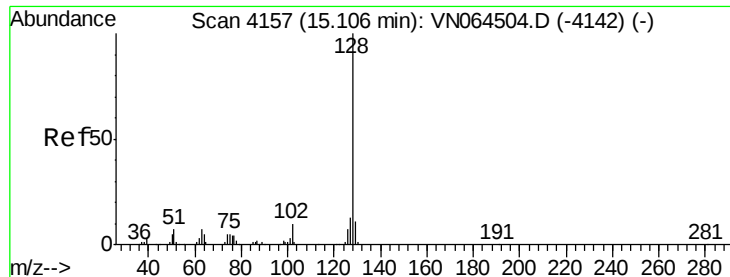
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#90  
Hexachlorobutadiene  
Concen: 15.620 ug/l  
RT: 14.98 min Scan# 4119  
Delta R.T. 0.00 min  
Lab File: VN064504.D  
Acq: 9 Nov 2020 11:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.7  | 0.0   | 125.4 |
| 227     | 61.0  | 0.0   | 122.0 |





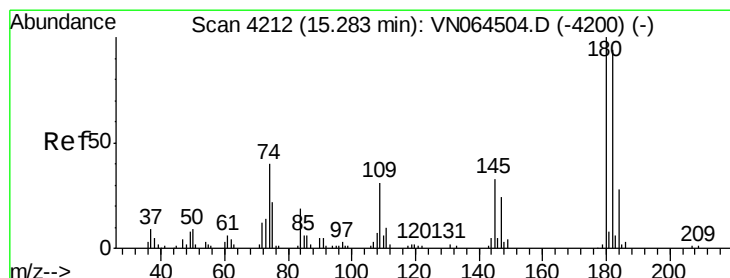
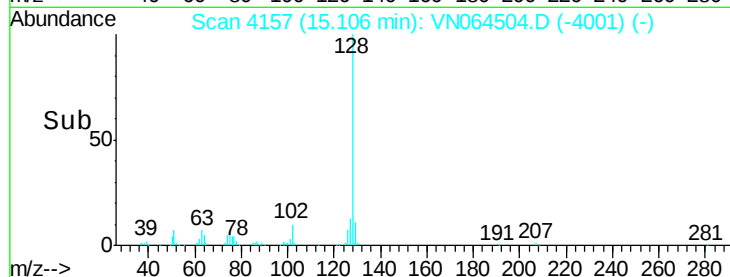
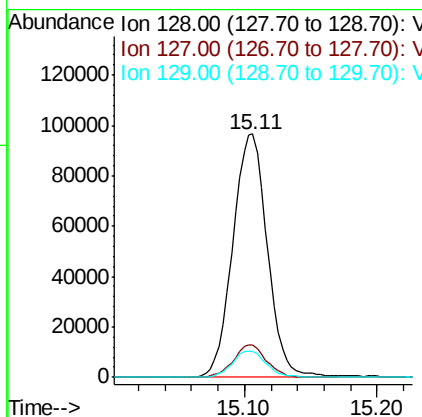
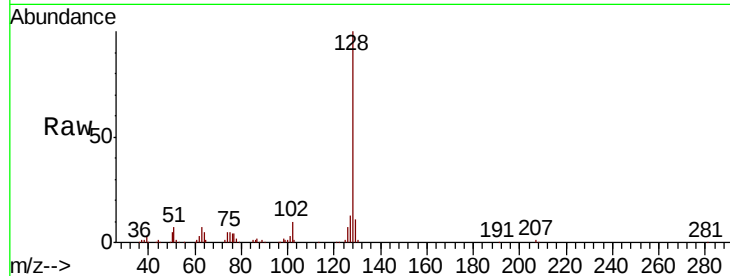
#91  
Naphthalene  
Concen: 15.519 ug/l  
RT: 15.11 min Scan# 4157  
Delta R.T. 0.00 min  
Lab File: VN064504.D  
Acq: 9 Nov 2020 11:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.8  | 10.2  | 15.4  |
| 129     | 10.6  | 8.5   | 12.7  |

Manual Integrations  
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#92  
1,2,3-Trichlorobenzene  
Concen: 15.449 ug/l  
RT: 15.28 min Scan# 4212  
Delta R.T. 0.00 min  
Lab File: VN064504.D  
Acq: 9 Nov 2020 11:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.0  | 0.0   | 186.0 |
| 145     | 34.8  | 0.0   | 69.6  |

